SWEET HOME HIGH SCHOOL RECONSTRUCTION

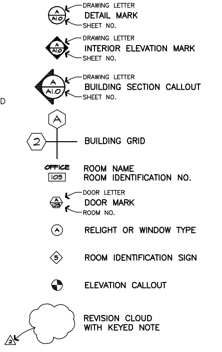
SWEET HOME SCHOOL DISTRICT NO. 55
1641 LONG STREET
SWEET HOME, OR

ABBREVIATIONS

NOT ALL ABBREVIATIONS WILL BE USED

AB	ANCHOR BOLT
A.C.	ASPHALTIC CONCRETE
ACT.	ACOUSTICAL TILE
AD	AREA DRAIN
ADJ.	ADJACENT, ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
@	AT
AL.	ALUMINUM
BD.	BOARD
B.O.	BOTTOM OF
BRG.	BEARING
CB	CATCH BASIN
CJ	CONTROL JOINT
C.O.	CLEAN OUT
C.M.U.	CONCRETE MASONRY UNIT
C.T.	CERAMIC TILE
CLG.	CEILING
CLR.	CLEARANCE
CONC.	CONCRETE
CONT.	CONTINUOUS
D.F.	DRINKING FOUNTAIN
DIA.	DIAMETER
DIM.	DIMENSION
DTL.	DETAIL
EA.	EACH
ELEC.	ELECTRIC
EL / ELEV	ELEVATION
EQUIP.	EQUIPMENT
(E) ,EXIST.	EXISTING
EW	EACH WAY
EXT.	EXTERIOR
F.D.	FLOOR DRAIN
F.E.C.	FIRE EXTINGUISHER CABINET
F.G.	FIBER GLASS
F.O.	FACE OF
FIN.	FINISH
FTG.	FOOTING
GALV.	GALVANIZED
G.B.	GYPSUM BOARD
GYP.	GYPSUM
H.B.	HOSE BIBB
H.M.	HOLLOW METAL
I.D.	INSIDE DIAMETER
INFO.	INFORMATION
INSUL	INSULATION
INT	INTERIOR
MH	MANHOLE
MAX.	MAXIMUM
MECH.	MECHANICAL
MET, MTL	METAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MO	MASONRY OPENING
NIC	NOT IN CONTRACT
O/C, O.C.	ON CENTER
OD	OVERFLOW DRAIN
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OSB	ORIENTED STRAND BOARD
P.C.	PRECAST CONCRETE
P.F.	PRE-FINISHED
P.S.	PAINT SYSTEM
PLC'S	PLACES
PL.	PLASTER
PLAM	PLASTIC LAMINATE
PT	PRESSURE TREATED
Q.T.	QUARRY TILE
R.B.	RUBBER BASE
R.C.P.	REFLECTED CEILING PLAN
REF	REFERENCE
REF'R	REFRIGERATOR
REQ.D	REQUIRED
REV	REVERSE(D)
RM.	ROOM
S.A.P.	SUSPENDED ACOUSTICAL PANEL
SHT.	SHEET
SIM	SIMILAR
SS	STAINLESS STEEL
STL.	STEEL
STRUCT.	STRUCTURAL
SYNTH.	SYNTHETIC
T.M.E.	TO MATCH EXISTING
T.O.	TOP OF
T.R.	TOILET ROOM
T.S.	TUBE STEEL
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
V.C.T.	VINYL COMPOSITION TILE
V.P.	VENEER PLASTER
VTR	VENT THROUGH ROOF
W/	WITH

SYMBOLS LEGEND



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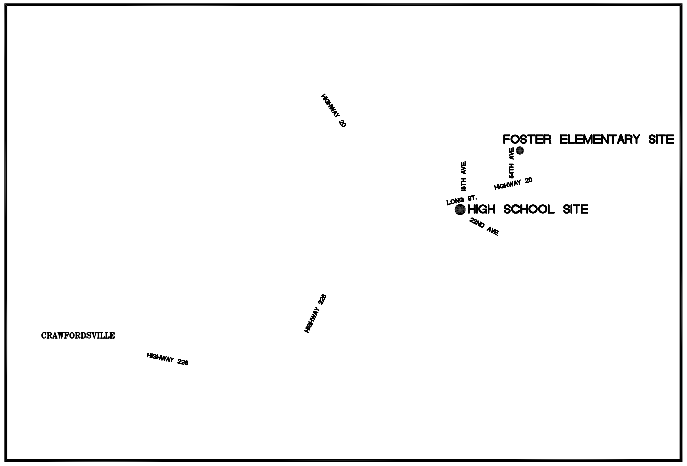

VICINITY MAP
SCALE: NO SCALE

NORTH

GENERAL PROJECT DATA

OCCUPANCY: MIXED USE	
MAIN BUILDING	E1
CAFETERIA	A2.1
EXISTING GYM AND POOL	A3

CONSTRUCTION TYPE: 5 ONE-HOUR SPRINKLERED AT NEW BUILDING CONSTRUCTION, GYM, POOL, AND SOUTH CLASSROOMS

CONSTRUCTION TYPE AT EXISTING ADJACENT AREAS: TYPE 5-N NON-SPRINKLERED

ALLOWABLE AREA AT TYPE 5-ONE HOUR SPRINKLERED CONSTRUCTION:

E-1 AT 15,700 X 2 (YARDS) X 3 (SPRINKLERS) = 94,200 SQ. FT
A2.1 AND A3 AT 10,500 X 2 (YARDS) X 3 (SPRINKLERS) = 63,000
B @ 14,000 X 2 (YARDS) X 3 (SPRINKLERS) = 84,000 SQ. FT

PROPOSED AREAS AT 5-ONE HOUR SPRINKLERED CONSTRUCTION;

A2.1 CAFETERIA AT 7,600
A3 EXISTING GYM AND POOL AT 14,587
B LINN BENTON COMMUNITY COLLEGE AT 4,969
E-1 REMAINING BUILDING AREA AT 55,928

RATIO CHECK:

$$\overset{A2.1}{\frac{7,600}{63,000}} + \overset{A3}{\frac{14,587}{63,000}} + \overset{B}{\frac{4,969}{84,000}} + \overset{E-1}{\frac{55,928}{94,200}} = .95 < 1 \quad \text{OK}$$

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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COVER SHEET
DRAWING INDEX
VICINITY MAP
GENERAL PROJECT DATA

PROJECT NUMBER	DATE
01023	4-4-03

A0.0

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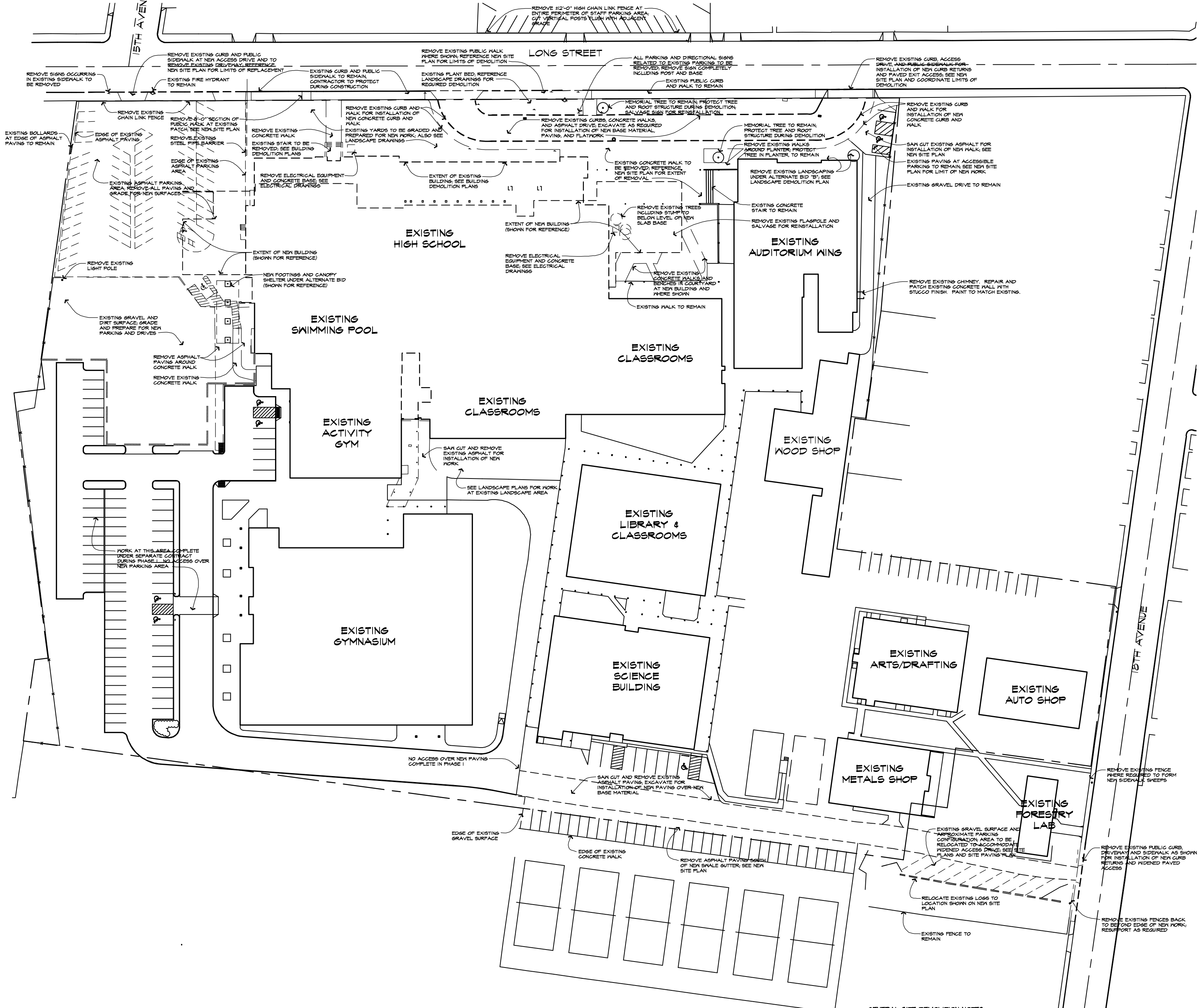
SITE DEMOLITION PLAN

PROJECT NUMBER 01023
DATE 4-4-03

DA1.1

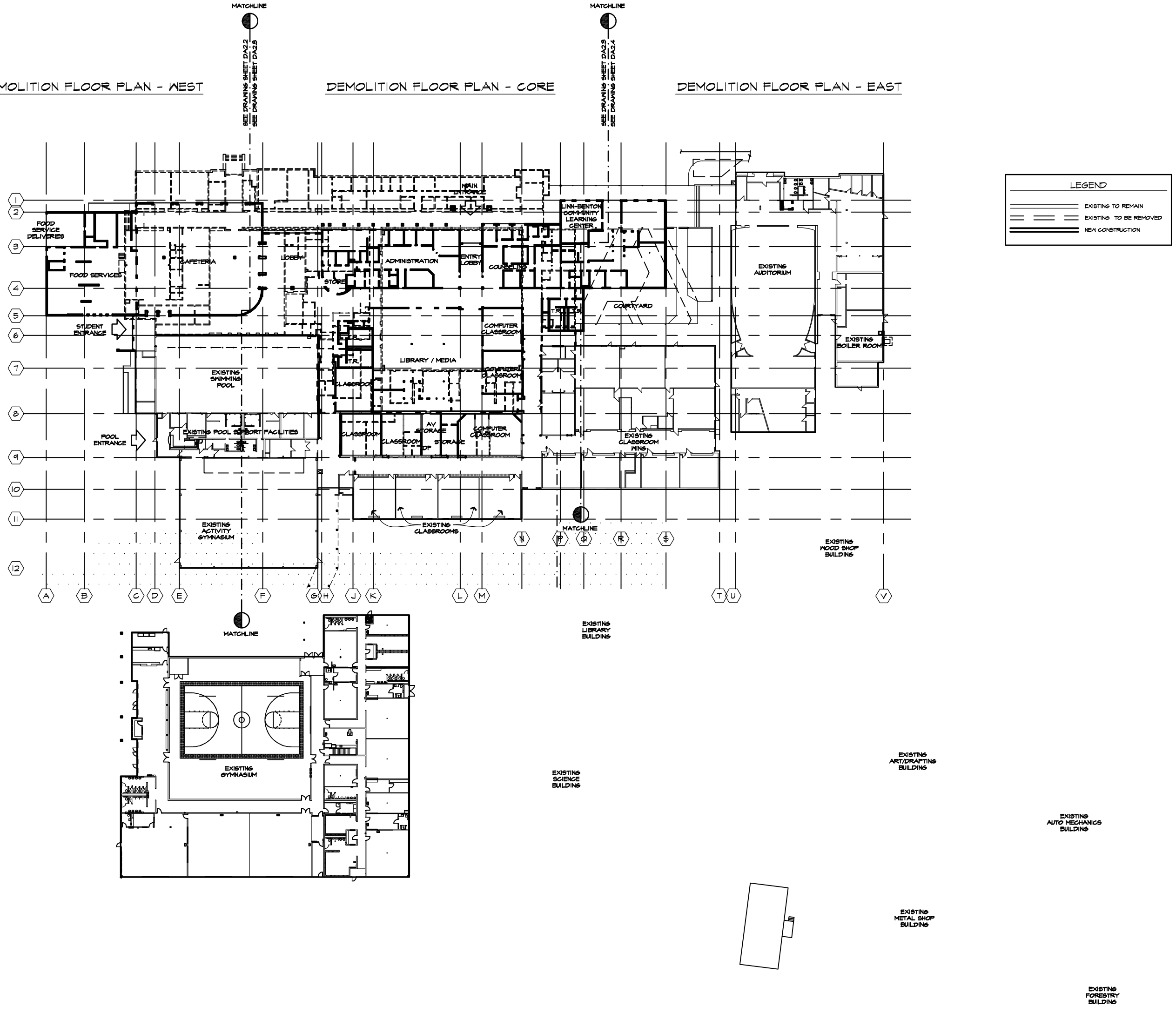

15TH AVENUE
LONG STREET
18TH AVENUE
REMOVE ±12'-0" HIGH CHAIN LINK FENCE AT ENTIRE PERIMETER OF STAFF PARKING AREA; CUT VERTICAL POSTS FLUSH WITH ADJACENT GRADE
REMOVE SIGNS OCCURRING IN EXISTING SIDEWALK TO BE REMOVED
REMOVE EXISTING CURB AND PUBLIC SIDEWALK AT NEW ACCESS DRIVE AND TO REMOVE EXISTING DRIVEWAY; REFERENCE NEW SITE PLAN FOR LIMITS OF REPLACEMENT
EXISTING FIRE HYDRANT TO REMAIN
EXISTING CURB AND PUBLIC SIDEWALK TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION
REMOVE EXISTING PUBLIC WALK WHERE SHOWN; REFERENCE NEW SITE PLAN FOR LIMITS OF DEMOLITION
EXISTING PLANT BED; REFERENCE LANDSCAPE DRAWINGS FOR REQUIRED DEMOLITION
ALL PARKING AND DIRECTIONAL SIGNS RELATED TO EXISTING PARKING TO BE REMOVED; REMOVE SIGN COMPLETELY INCLUDING POST AND BASE
EXISTING PUBLIC CURB AND WALK TO REMAIN
REMOVE EXISTING CURB, ACCESS DRIVE, ~~AND PUBLIC SIDEWALK FOR~~ INSTALLATION OF NEW CURB RETURNS AND PAVED EXIT ACCESS; SEE NEW SITE PLAN AND COORDINATE LIMITS OF DEMOLITION
EXISTING BOLLARDS AT EDGE OF ASPHALT PAVING TO REMAIN
REMOVE EXISTING CHAIN LINK FENCE
EDGE OF EXISTING ASPHALT PAVING
REMOVE 8'-0" SECTION OF PUBLIC WALK AT EXISTING PATCH; SEE NEW SITE PLAN
REMOVE EXISTING STEEL PIPE BARRIER
EDGE OF EXISTING ASPHALT PARKING AREA
EXISTING ASPHALT PARKING AREA; REMOVE ALL PAVING AND GRADE FOR NEW SURFACES
REMOVE EXISTING CONCRETE WALK
EXISTING STAIR TO BE REMOVED; SEE BUILDING DEMOLITION PLANS
REMOVE EXISTING CURB AND WALK FOR INSTALLATION OF NEW CONCRETE CURB AND WALK
EXISTING YARDS TO BE GRADED AND PREPARED FOR NEW WORK; ALSO SEE LANDSCAPE DRAWINGS
REMOVE ELECTRICAL EQUIPMENT AND CONCRETE BASE; SEE ELECTRICAL DRAWINGS
EXTENT OF EXISTING BUILDING; SEE BUILDING DEMOLITION PLANS
REMOVE EXISTING CURBS, CONCRETE WALKS, AND ASPHALT DRIVE; EXCAVATE AS REQUIRED FOR INSTALLATION OF NEW BASE MATERIAL, PAVING, AND FLATWORK
MEMORIAL TREE TO REMAIN; PROTECT TREE AND ROOT STRUCTURE DURING DEMOLITION; SALVAGE SIGN FOR REINSTALLATION
MEMORIAL TREE TO REMAIN; PROTECT TREE AND ROOT STRUCTURE DURING DEMOLITION
REMOVE EXISTING WALKS AROUND PLANTER; PROTECT TREE IN PLANTER, TO REMAIN
REMOVE EXISTING CURB AND WALK FOR INSTALLATION OF NEW CONCRETE CURB AND WALK
SAW CUT EXISTING ASPHALT FOR INSTALLATION OF NEW WALK; SEE NEW SITE PLAN
EXISTING PAVING AT ACCESSIBLE PARKING TO REMAIN; SEE NEW SITE PLAN FOR LIMIT OF NEW WORK
EXISTING GRAVEL DRIVE TO REMAIN
EXISTING CONCRETE WALK TO BE REMOVED; REFERENCE NEW SITE PLAN FOR EXTENT OF REMOVAL
REMOVE EXISTING LANDSCAPING UNDER ALTERNATE BID "B"; SEE LANDSCAPE DEMOLITION PLAN
EXISTING CONCRETE STAIR TO REMAIN
REMOVE EXISTING FLAGPOLE AND SALVAGE FOR REINSTALLATION
REMOVE EXISTING TREES INCLUDING STUMP TO BELOW LEVEL OF NEW SLAB BASE
EXTENT OF NEW BUILDING (SHOWN FOR REFERENCE)
REMOVE ELECTRICAL EQUIPMENT AND CONCRETE BASE; SEE ELECTRICAL DRAWINGS
REMOVE EXISTING CONCRETE WALKS AND BENCHES IN COURTYARD AT NEW BUILDING AND WHERE SHOWN
EXISTING WALK TO REMAIN
REMOVE EXISTING CHIMNEY. REPAIR AND PATCH EXISTING CONCRETE WALL WITH STUCCO FINISH. PAINT TO MATCH EXISTING.
EXISTING HIGH SCHOOL
EXISTING AUDITORIUM WING
REMOVE EXISTING LIGHT POLE
EXTENT OF NEW BUILDING (SHOWN FOR REFERENCE)
NEW FOOTINGS AND CANOPY SHELTER UNDER ALTERNATE BID (SHOWN FOR REFERENCE)
EXISTING GRAVEL AND DIRT SURFACE; GRADE AND PREPARE FOR NEW PARKING AND DRIVES
REMOVE ASPHALT PAVING AROUND CONCRETE WALK
REMOVE EXISTING CONCRETE WALK
EXISTING SWIMMING POOL
EXISTING CLASSROOMS
EXISTING CLASSROOMS
EXISTING ACTIVITY GYM
EXISTING WOOD SHOP
SAW CUT AND REMOVE EXISTING ASPHALT FOR INSTALLATION OF NEW WORK
SEE LANDSCAPE PLANS FOR WORK AT EXISTING LANDSCAPE AREA
EXISTING LIBRARY & CLASSROOMS
WORK AT THIS AREA COMPLETE UNDER SEPARATE CONTRACT DURING PHASE I. NO ACCESS OVER NEW PARKING AREA
EXISTING GYMNASIUM
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING AUTO SHOP
EXISTING METALS SHOP
EXISTING FORESTRY LAB
NO ACCESS OVER NEW PAVING COMPLETE IN PHASE I
SAW CUT AND REMOVE EXISTING ASPHALT PAVING; EXCAVATE FOR INSTALLATION OF NEW PAVING OVER NEW BASE MATERIAL
EDGE OF EXISTING GRAVEL SURFACE
EDGE OF EXISTING CONCRETE WALK
REMOVE ASPHALT PAVING SOUTH OF NEW SWALE GUTTER; SEE NEW SITE PLAN
REMOVE EXISTING FENCE WHERE REQUIRED TO FORM NEW SIDEWALK SWEEPS
EXISTING GRAVEL SURFACE AND APPROXIMATE PARKING CONFIGURATION; AREA TO BE RELOCATED TO ACCOMMODATE WIDENED ACCESS DRIVE; SEE SITE PLANS AND SITE PAVING PLAN
REMOVE EXISTING PUBLIC CURB, DRIVEWAY AND SIDEWALK AS SHOWN FOR INSTALLATION OF NEW CURB RETURNS AND WIDENED PAVED ACCESS
RELOCATE EXISTING LOGS TO LOCATION SHOWN ON NEW SITE PLAN
REMOVE EXISTING FENCES BACK TO BEYOND EDGE OF NEW WORK; RESUPPORT AS REQUIRED
EXISTING FENCE TO REMAIN

GENERAL SITE DEMOLITION NOTES:

1. DEMOLITION CONTRACTOR TO REFERENCE NEW SITE PLANS AND NEW SITE GRADING PLANS FOR EXTENT OF REQUIRED DEMOLITION AND EXCAVATION WORK, AND TO COORDINATE ANY ADDITIONAL DEMOLITION OR EXCAVATION NOT SHOWN.
2. THE DEMOLITION CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM HIM/HERSELF WITH ALL SITE CONDITIONS THAT COULD IMPACT DEMOLITION OR GRADING WORK PRIOR TO BIDDING AND CONSTRUCTION.
3. EXCAVATION FOR SITE UTILITIES NOT SHOWN ON THIS DRAWING. GENERAL CONTRACTOR TO COORDINATE EXCAVATION AND TRENCHING WORK WITH ALL TRADES.
4. DEMOLITION CONTRACTOR REQUIRED TO DOCUMENT EXISTING CONDITIONS OF BUILDING AND SITE ELEMENTS TO REMAIN PRIOR TO START OF WORK.

1/DA1.1 SITE DEMOLITION PLAN
SCALE: 1" = 30'-0"

NORTH

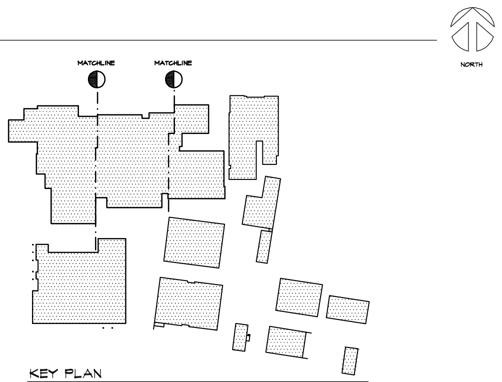


LEGEND

═	EXISTING TO REMAIN
‒ ‒ ‒	EXISTING TO BE REMOVED
▬	NEW CONSTRUCTION

OVERALL DEMOLITION FLOOR PLAN

SCALE: 1" = 30'-0"



KEY PLAN

NO SCALE

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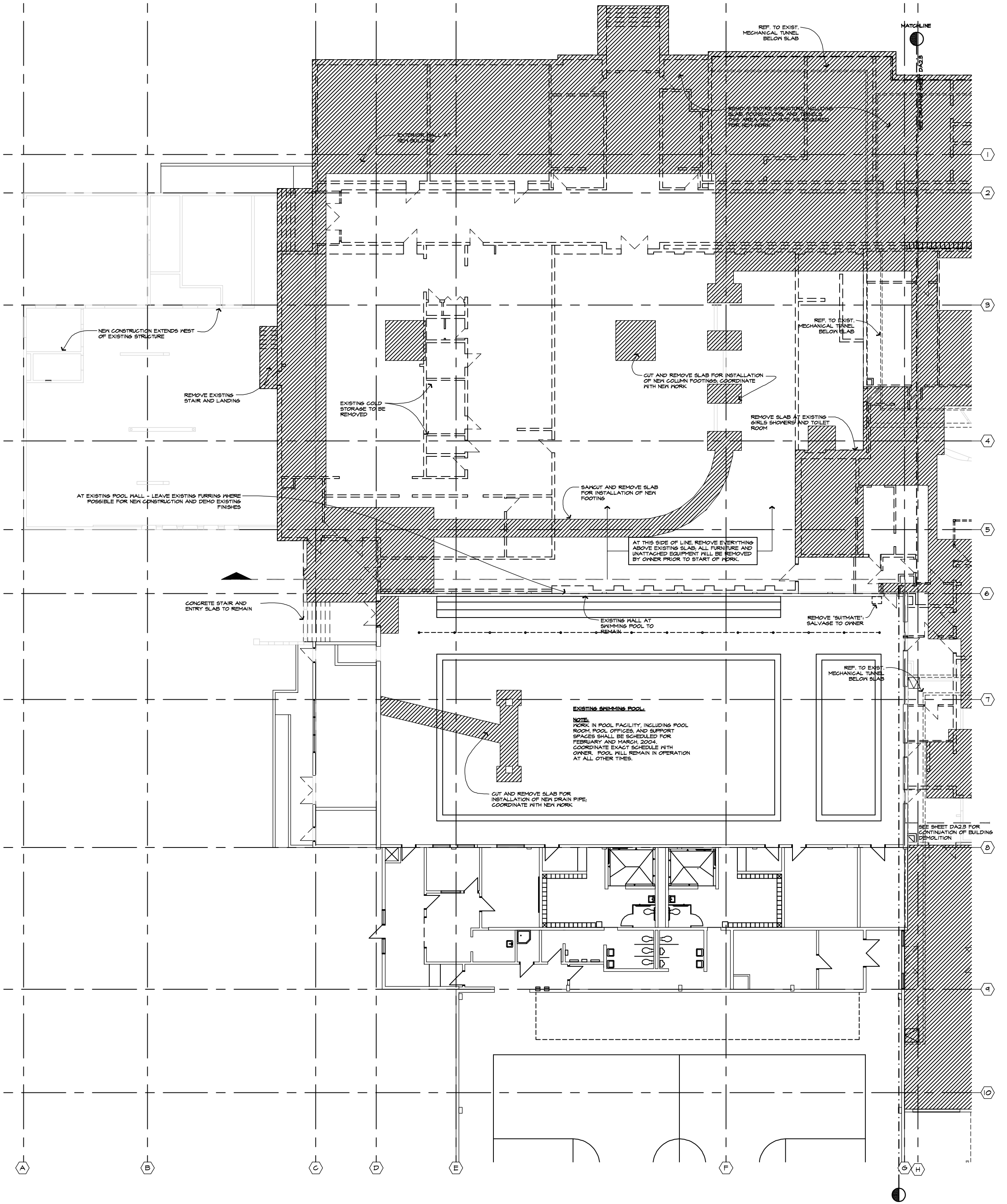
DEMOLITION
KEY FLOOR PLAN

PROJECT NUMBER	DATE
01023	4-4-03

DA2.1


REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
MATCHLINE
SEE DRAWING SHEET DA2.3
REMOVE ENTIRE STRUCTURE INCLUDING SLAB, FOUNDATIONS, AND TUNNELS THIS AREA. EXCAVATE AS REQUIRED FOR NEW WORK
EXTERIOR WALL AT NEW BUILDING
NEW CONSTRUCTION EXTENDS WEST OF EXISTING STRUCTURE
REMOVE EXISTING STAIR AND LANDING
EXISTING COLD STORAGE TO BE REMOVED
CUT AND REMOVE SLAB FOR INSTALLATION OF NEW COLUMN FOOTINGS; COORDINATE WITH NEW WORK
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
REMOVE SLAB AT EXISTING GIRLS SHOWERS AND TOILET ROOM
AT EXISTING POOL WALL - LEAVE EXISTING FURRING WHERE POSSIBLE FOR NEW CONSTRUCTION AND DEMO EXISTING FINISHES
SAWCUT AND REMOVE SLAB FOR INSTALLATION OF NEW FOOTING
CONCRETE STAIR AND ENTRY SLAB TO REMAIN
EXISTING WALL AT SWIMMING POOL TO REMAIN
REMOVE "SUITMATE": SALVAGE TO OWNER
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
CUT AND REMOVE SLAB FOR INSTALLATION OF NEW DRAIN PIPE; COORDINATE WITH NEW WORK
SEE SHEET DA2.3 FOR CONTINUATION OF BUILDING DEMOLITION
1
2
3
4
5
6
7
8
9
10
A
B
C
D
E
F
G
H
MATCHLINE

AT THIS SIDE OF LINE, REMOVE EVERYTHING ABOVE EXISTING SLAB; ALL FURNITURE AND UNATTACHED EQUIPMENT WILL BE REMOVED BY OWNER PRIOR TO START OF WORK.

EXISTING SWIMMING POOL:

NOTE:
WORK IN POOL FACILITY, INCLUDING POOL ROOM, POOL OFFICES, AND SUPPORT SPACES SHALL BE SCHEDULED FOR FEBRUARY AND MARCH, 2004. COORDINATE EXACT SCHEDULE WITH OWNER. POOL WILL REMAIN IN OPERATION AT ALL OTHER TIMES.

DEMOLITION PLAN - WEST

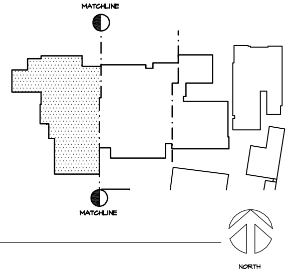
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. PROTECT ALL STRUCTURES, FINISHES, AND SURFACES TO REMAIN. AT INTERSECTIONS BETWEEN ELEMENTS TO BE REMOVED AND ELEMENTS TO REMAIN, CAREFULLY DISASSEMBLE OR CUT ATTACHMENTS TO REMOVE BUILDING ELEMENTS.
2. HAZARDOUS MATERIALS HAVE BEEN SURVEYED AND ARE ADDRESSED UNDER SEPARATE DOCUMENTS.
3. DEMOLITION DRAWINGS PROVIDED TO ASSIST CONTRACTOR ONLY. PROVIDE ALL DEMOLITION REQUIRED TO COMPLETE NEW WORK AS SHOWN ON NEW PLAN DRAWINGS.
4. CONTRACTOR TO INSPECT BUILDING AND SITE PRIOR TO BIDDING. CONTRACTOR SHALL CONFIRM ALL METHODS OF CONSTRUCTION AND ACCESS TO SITE AND BUILDING FOR CALCULATION OF BID.
5. REFERENCE PHASING DRAWING FOR EXECUTION OF WORK. NOTE: NOT ALL DEMOLITION SHOWN OCCURS CONCURRENTLY.
6. FOR ADDITIONAL DEMOLITION INFORMATION SEE ELECTRICAL AND MECHANCIAL DRAWINGS.
7. PROVIDE ALL SAW CUTTING AND CORE DRILLING REQUIRED FOR MECHANICAL AND ELECTRICAL WORK. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS PRIOR TO BID.
8. DOCUMENTS DO NOT DELINIATE EXISTING WALL MATERIALS. CONTRACTOR SHALL FIELD VERIFY MATERIALS PRIOR TO BID. AT AREAS WHERE EXISTING SLABS ARE SHOWN TO REMAIN, CONTRACTOR SHALL REMOVE WALLS AS REQUIRED FOR UNIFORM FINISH SURFACE.
9. CONTRACTOR SHALL PROTECT ALL SLAB SURFACES TO REMAIN, DURING DEMOLITION. REMOVE AND REPLACE SLABS DAMAGED DURING DEMOLITION AT NO ADDITIONAL COST TO THE OWNER.
10. DEMOLITION DOCUMENTS INDICATE UTILITY TUNNEL LOCATIONS. INFORMATION IS BASED ON AS-BUILT DRAWINGS WHICH MAY NOT BE COMPLETE, AND CONTRACTOR SHALL FIELD VERIFY LOCATIONS PRIOR TO START OF WORK. REMOVE TUNNEL SECTIONS WHERE INDICATED, AND ALSO WHERE REQUIRED FOR NEW WORK.

DEMOLITION LEGEND

═══	EXISTING WALL TO REMAIN
══ ══	EXISTING WALL OR PARTITION TO BE REMOVED
───	NEW WALL SHOWN FOR REFERENCE
⌐_	EXISTING DOOR TO REMAIN; SEE DOOR SCHEDULE FOR NEW HARDWARE REQUIREMENTS AT SOME DOORS
¦_	EXISTING DOOR TO BE REMOVED; FRAME IS REMOVED AT SOME LOCATIONS; SEE DOOR SCHEDULE
▨	SAWCUT AND REMOVE EXISTING CONCRETE SLAB
┆ ┆	REFERENCE TO EXISTING MECHANICAL TUNNEL BELOW SLAB



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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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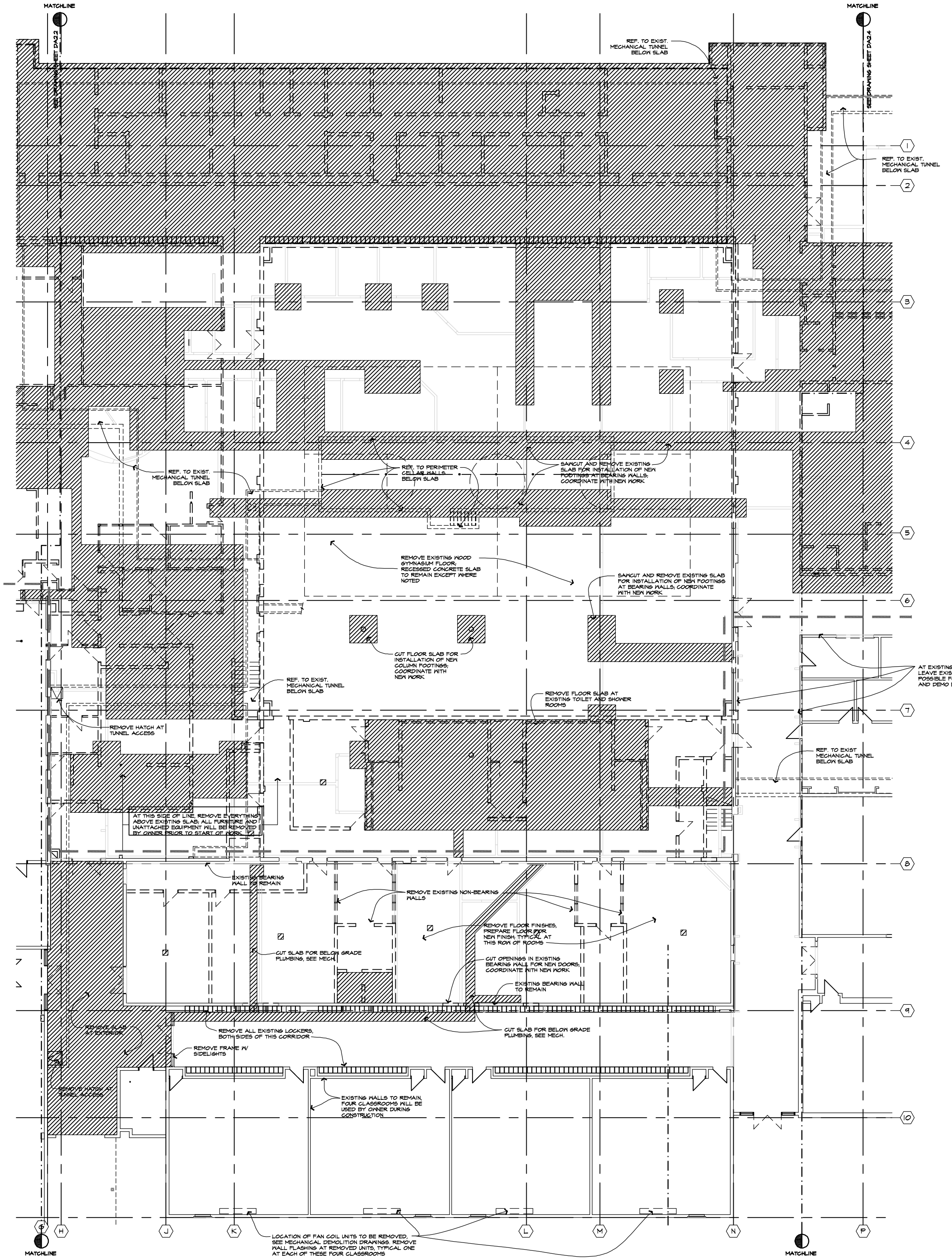
DEMOLITION PLAN
WEST

PROJECT NUMBER 01023
DATE 4-4-03

DA2.2


MATCHLINE
SEE DRAWING SHEET DA2.2
MATCHLINE
SEE DRAWING SHEET DA2.4
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
REF. TO PERIMETER CELLAR WALLS BELOW SLAB
SAWCUT AND REMOVE EXISTING SLAB FOR INSTALLATION OF NEW FOOTINGS AT BEARING WALLS; COORDINATE WITH NEW WORK
REMOVE EXISTING WOOD GYMNASIUM FLOOR; RECESSED CONCRETE SLAB TO REMAIN EXCEPT WHERE NOTED
SAWCUT AND REMOVE EXISTING SLAB FOR INSTALLATION OF NEW FOOTINGS AT BEARING WALLS; COORDINATE WITH NEW WORK
CUT FLOOR SLAB FOR INSTALLATION OF NEW COLUMN FOOTINGS; COORDINATE WITH NEW WORK
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
REMOVE FLOOR SLAB AT EXISTING TOILET AND SHOWER ROOMS
AT EXISTING WALLS TO REMAIN - LEAVE EXISTING FURRING WHERE POSSIBLE FOR NEW CONSTRUCTION AND DEMO EXISTING FINISHES
REF. TO EXIST MECHANICAL TUNNEL BELOW SLAB
REMOVE HATCH AT TUNNEL ACCESS
AT THIS SIDE OF LINE, REMOVE EVERYTHING ABOVE EXISTING SLAB; ALL FURNITURE AND UNATTACHED EQUIPMENT WILL BE REMOVED BY OWNER PRIOR TO START OF WORK.
EXISTING BEARING WALL TO REMAIN
REMOVE EXISTING NON-BEARING WALLS
REMOVE FLOOR FINISHES, PREPARE FLOOR FOR NEW FINISH; TYPICAL AT THIS ROW OF ROOMS
CUT SLAB FOR BELOW GRADE PLUMBING, SEE MECH.
CUT OPENINGS IN EXISTING BEARING WALL FOR NEW DOORS; COORDINATE WITH NEW WORK
EXISTING BEARING WALL TO REMAIN
REMOVE SLAB AT EXTERIOR
REMOVE ALL EXISTING LOCKERS, BOTH SIDES OF THIS CORRIDOR
CUT SLAB FOR BELOW GRADE PLUMBING, SEE MECH.
REMOVE FRAME W/ SIDELIGHTS
REMOVE HATCH AT TUNNEL ACCESS
EXISTING WALLS TO REMAIN, FOUR CLASSROOMS WILL BE USED BY OWNER DURING CONSTRUCTION
LOCATION OF FAN COIL UNITS TO BE REMOVED, SEE MECHANICAL DEMOLITION DRAWINGS. REMOVE WALL FLASHING AT REMOVED UNITS, TYPICAL ONE AT EACH OF THESE FOUR CLASSROOMS
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DEMOLITION PLAN - CORE

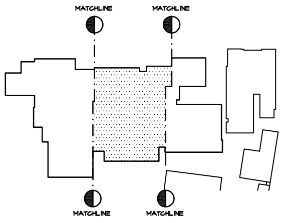
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. SEE DRAWING DA2.2 FOR DEMOLITION NOTES

DEMOLITION LEGEND

═	EXISTING WALL TO REMAIN
═ ═	EXISTING WALL OR PARTITION TO BE REMOVED
═	NEW WALL SHOWN FOR REFERENCE
⌐\	EXISTING DOOR TO REMAIN; SEE DOOR SCHEDULE FOR NEW HARDWARE REQUIREMENTS AT SOME DOORS
⌐\	EXISTING DOOR TO BE REMOVED; FRAME IS REMOVED AT SOME LOCATIONS; SEE DOOR SCHEDULE
▨	SAWCUT AND REMOVE EXISTING CONCRETE SLAB
⬚	REFERENCE TO EXISTING MECHANICAL TUNNEL BELOW SLAB



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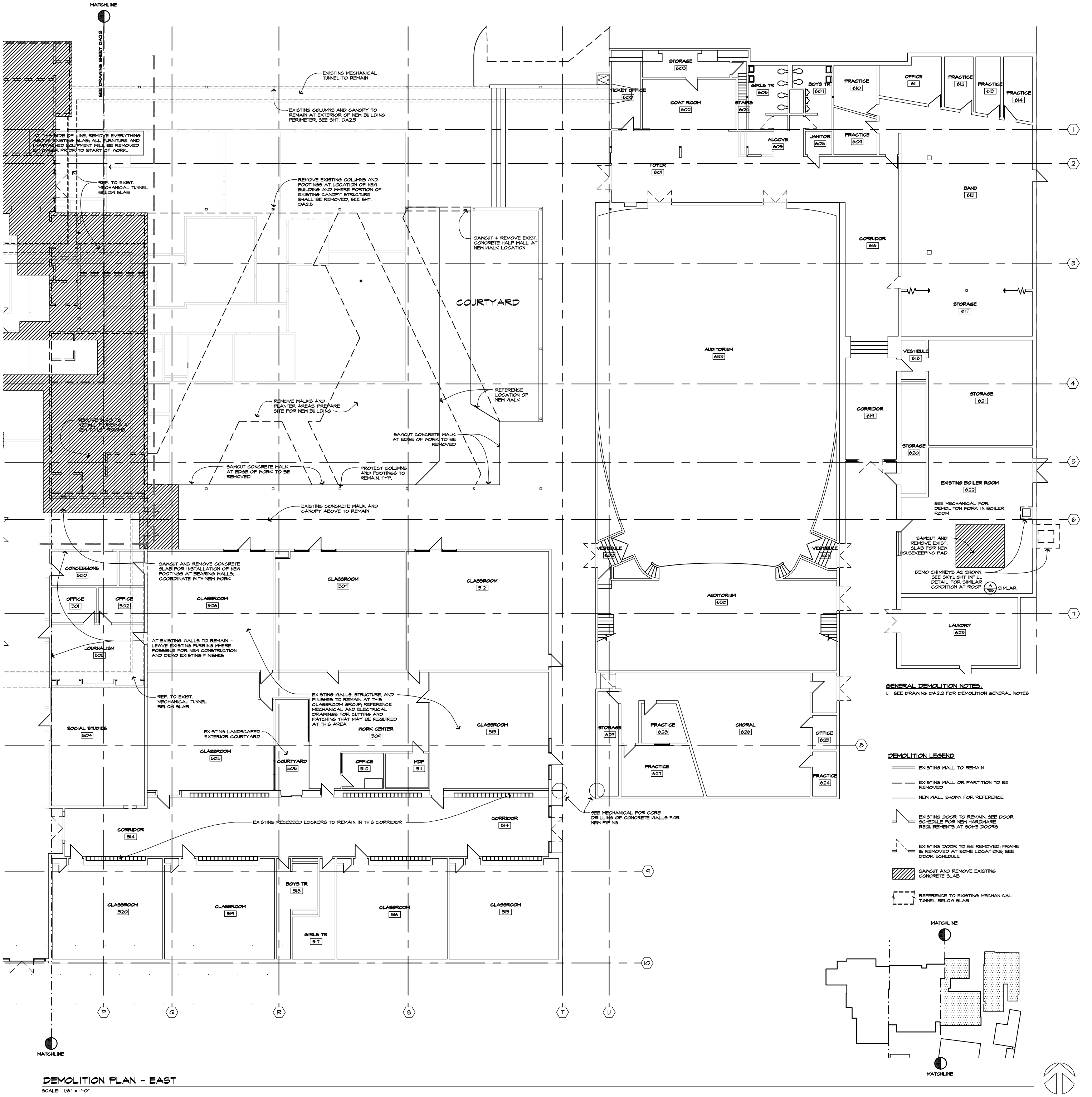
DEMOLITION PLAN
CORE

PROJECT NUMBER	DATE
01023	4-4-03

DA2.3


MATCHLINE
SEE DRAWING SHEET DA2.5
EXISTING MECHANICAL TUNNEL TO REMAIN
EXISTING COLUMNS AND CANOPY TO REMAIN AT EXTERIOR OF NEW BUILDING PERIMETER, SEE SHT. DA2.5
AT THIS SIDE OF LINE, REMOVE EVERYTHING ABOVE EXISTING SLAB; ALL FURNITURE AND UNATTACHED EQUIPMENT WILL BE REMOVED BY OWNER PRIOR TO START OF WORK.
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
REMOVE EXISTING COLUMNS AND FOOTINGS AT LOCATION OF NEW BUILDING AND WHERE PORTION OF EXISTING CANOPY STRUCTURE SHALL BE REMOVED, SEE SHT. DA2.5
SAWCUT & REMOVE EXIST. CONCRETE HALF WALL AT NEW WALK LOCATION
COURTYARD
REMOVE SLAB TO INSTALL PLUMBING AT NEW TOILET ROOMS
REMOVE WALKS AND PLANTER AREAS; PREPARE SITE FOR NEW BUILDING
REFERENCE LOCATION OF NEW WALK
SAWCUT CONCRETE WALK AT EDGE OF WORK TO BE REMOVED
SAWCUT CONCRETE WALK AT EDGE OF WORK TO BE REMOVED
PROTECT COLUMNS AND FOOTINGS TO REMAIN, TYP.
EXISTING CONCRETE WALK AND CANOPY ABOVE TO REMAIN
SAWCUT AND REMOVE CONCRETE SLAB FOR INSTALLATION OF NEW FOOTINGS AT BEARING WALLS; COORDINATE WITH NEW WORK
AT EXISTING WALLS TO REMAIN - LEAVE EXISTING FURRING WHERE POSSIBLE FOR NEW CONSTRUCTION AND DEMO EXISTING FINISHES
REF. TO EXIST. MECHANICAL TUNNEL BELOW SLAB
EXISTING LANDSCAPED EXTERIOR COURTYARD
EXISTING WALLS, STRUCTURE, AND FINISHES TO REMAIN AT THIS CLASSROOM GROUP; REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR CUTTING AND PATCHING THAT MAY BE REQUIRED AT THIS AREA
EXISTING RECESSED LOCKERS TO REMAIN IN THIS CORRIDOR
SEE MECHANICAL FOR CORE DRILLING OF CONCRETE WALLS FOR NEW PIPING
CONCESSIONS 500
OFFICE 501
OFFICE 502
JOURNALISM 503
SOCIAL STUDIES 504
CLASSROOM 505
CLASSROOM 506
CLASSROOM 507
COURTYARD 508
WORK CENTER 509
OFFICE 510
MDF 511
CLASSROOM 512
CLASSROOM 513
CORRIDOR 514
CORRIDOR 514
CLASSROOM 515
CLASSROOM 516
GIRLS TR 517
BOYS TR 518
CLASSROOM 519
CLASSROOM 520
TICKET OFFICE 600
FOYER 601
COAT ROOM 602
STORAGE 603
STAIRS 604
ALCOVE 605
GIRLS TR 606
BOYS TR 607
JANITOR 608
PRACTICE 609
PRACTICE 610
OFFICE 611
PRACTICE 612
PRACTICE 613
PRACTICE 614
BAND 615
CORRIDOR 616
STORAGE 617
VESTIBULE 618
CORRIDOR 619
STORAGE 620
STORAGE 621
EXISTING BOILER ROOM 622
SEE MECHANICAL FOR DEMOLITON WORK IN BOILER ROOM
SAWCUT AND REMOVE EXIST. SLAB FOR NEW HOUSEKEEPING PAD
DEMO CHIMNEYS AS SHOWN. SEE SKYLIGHT INFILL DETAIL FOR SIMILAR CONDITION AT ROOF.
A
7.85
SIMLAR
LAUNDRY 623
PRACTICE 624
OFFICE 625
CHORAL 626
PRACTICE 627
PRACTICE 628
STORAGE 629
AUDITORIUM 630
VESTIBULE 631
VESTIBULE 632
AUDITORIUM 633
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DEMOLITION PLAN - EAST

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. SEE DRAWING DA2.2 FOR DEMOLITION GENERAL NOTES

DEMOLITION LEGEND

═	EXISTING WALL TO REMAIN
═ ═	EXISTING WALL OR PARTITION TO BE REMOVED
═	NEW WALL SHOWN FOR REFERENCE
	EXISTING DOOR TO REMAIN; SEE DOOR SCHEDULE FOR NEW HARDWARE REQUIREMENTS AT SOME DOORS
	EXISTING DOOR TO BE REMOVED; FRAME IS REMOVED AT SOME LOCATIONS; SEE DOOR SCHEDULE
▨	SAWCUT AND REMOVE EXISTING CONCRETE SLAB
	REFERENCE TO EXISTING MECHANICAL TUNNEL BELOW SLAB

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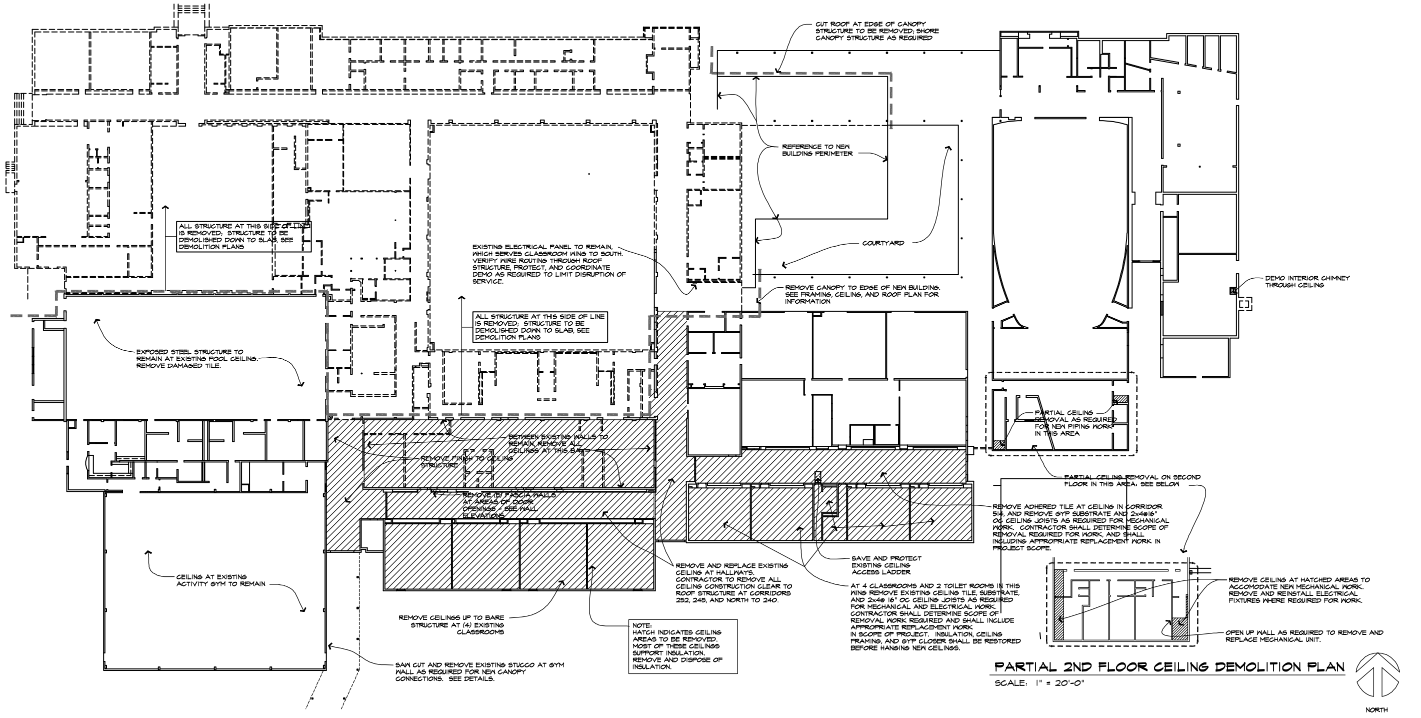
DEMOLITION PLAN
EAST

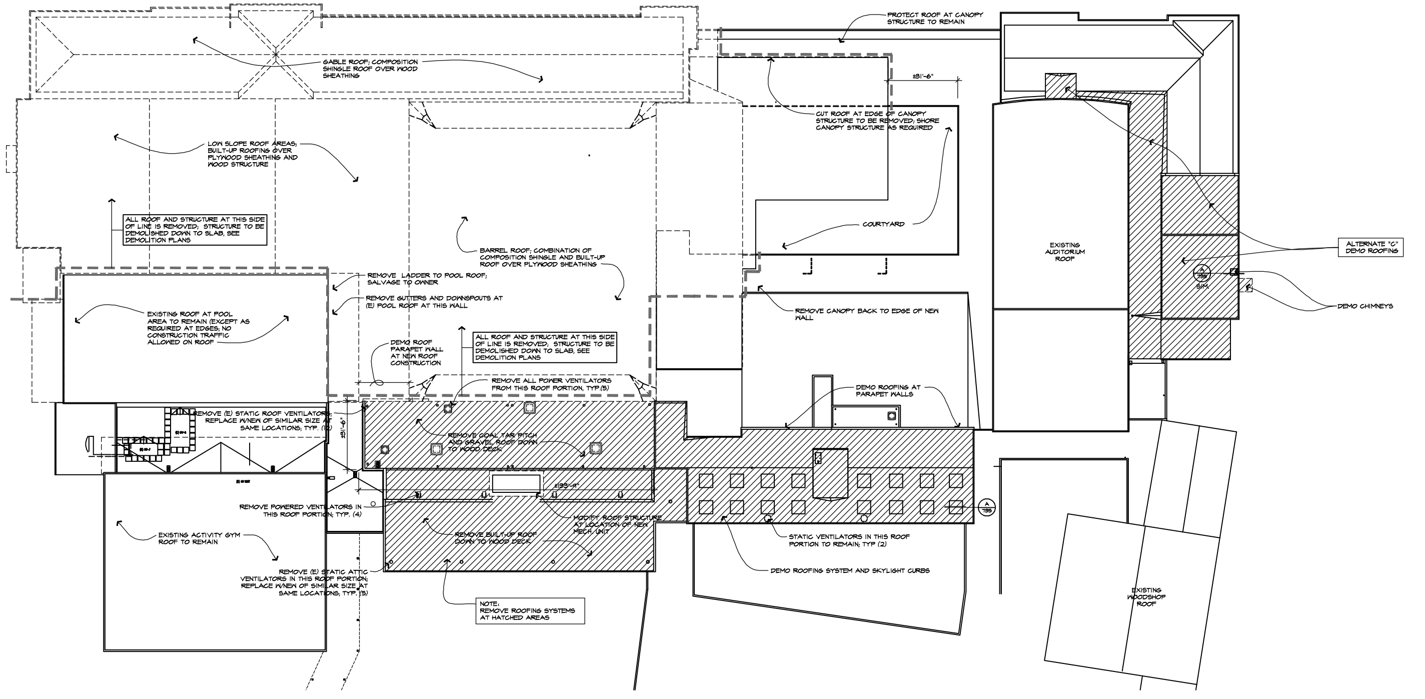
PROJECT NUMBER	DATE
01023	4-4-03

DA2.4


CUT ROOF AT EDGE OF CANOPY STRUCTURE TO BE REMOVED; SHORE CANOPY STRUCTURE AS REQUIRED
REFERENCE TO NEW BUILDING PERIMETER
COURTYARD
REMOVE CANOPY TO EDGE OF NEW BUILDING. SEE FRAMING, CEILING, AND ROOF PLAN FOR INFORMATION
DEMO INTERIOR CHIMNEY THROUGH CEILING
ALL STRUCTURE AT THIS SIDE OF LINE IS REMOVED; STRUCTURE TO BE DEMOLISHED DOWN TO SLAB, SEE DEMOLITION PLANS
EXISTING ELECTRICAL PANEL TO REMAIN, WHICH SERVES CLASSROOM WING TO SOUTH. VERIFY WIRE ROUTING THROUGH ROOF STRUCTURE, PROTECT, AND COORDINATE DEMO AS REQUIRED TO LIMIT DISRUPTION OF SERVICE.
ALL STRUCTURE AT THIS SIDE OF LINE IS REMOVED; STRUCTURE TO BE DEMOLISHED DOWN TO SLAB, SEE DEMOLITION PLANS
EXPOSED STEEL STRUCTURE TO REMAIN AT EXISTING POOL CEILING. REMOVE DAMAGED TILE.
BETWEEN EXISTING WALLS TO REMAIN, REMOVE ALL CEILINGS AT THIS BAY
REMOVE FINISH TO CEILING STRUCTURE
REMOVE (E) FASCIA WALLS AT AREAS OF DOOR OPENINGS - SEE WALL ELEVATIONS
CEILING AT EXISTING ACTIVITY GYM TO REMAIN
REMOVE CEILINGS UP TO BARE STRUCTURE AT (4) EXISTING CLASSROOMS
SAW CUT AND REMOVE EXISTING STUCCO AT GYM WALL AS REQUIRED FOR NEW CANOPY CONNECTIONS. SEE DETAILS.
NOTE: HATCH INDICATES CEILING AREAS TO BE REMOVED. MOST OF THESE CEILINGS SUPPORT INSULATION. REMOVE AND DISPOSE OF INSULATION.
REMOVE AND REPLACE EXISTING CEILING AT HALLWAYS. CONTRACTOR TO REMOVE ALL CEILING CONSTRUCTION CLEAR TO ROOF STRUCTURE AT CORRIDORS 252, 245, AND NORTH TO 240.
SAVE AND PROTECT EXISTING CEILING ACCESS LADDER
AT 4 CLASSROOMS AND 2 TOILET ROOMS IN THIS WING REMOVE EXISTING CEILING TILE, SUBSTRATE, AND 2x4@ 16" OC CEILING JOISTS AS REQUIRED FOR MECHANICAL AND ELECTRICAL WORK. CONTRACTOR SHALL DETERMINE SCOPE OF REMOVAL WORK REQUIRED AND SHALL INCLUDE APPROPRIATE REPLACEMENT WORK IN SCOPE OF PROJECT. INSULATION, CEILING FRAMING, AND GYP CLOSER SHALL BE RESTORED BEFORE HANGING NEW CEILINGS.
PARTIAL CEILING REMOVAL AS REQUIRED FOR NEW PIPING WORK IN THIS AREA
PARTIAL CEILING REMOVAL ON SECOND FLOOR IN THIS AREA: SEE BELOW
REMOVE ADHERED TILE AT CEILING IN CORRIDOR 514, AND REMOVE GYP SUBSTRATE AND 2x4@16" OC CEILING JOISTS AS REQUIRED FOR MECHANICAL WORK. CONTRACTOR SHALL DETERMINE SCOPE OF REMOVAL REQUIRED FOR WORK, AND SHALL INCLUDING APPROPRIATE REPLACEMENT WORK IN PROJECT SCOPE.
REMOVE CEILING AT HATCHED AREAS TO ACCOMODATE NEW MECHANICAL WORK. REMOVE AND REINSTALL ELECTRICAL FIXTURES WHERE REQUIRED FOR WORK.
OPEN UP WALL AS REQUIRED TO REMOVE AND REPLACE MECHANICAL UNIT.
PARTIAL 2ND FLOOR CEILING DEMOLITION PLAN
SCALE: 1" = 20'-0"
NORTH
NORTH

REFLECTED CEILING DEMOLITION PLAN

SCALE: 1" = 20'-0"


GABLE ROOF; COMPOSITION SHINGLE ROOF OVER WOOD SHEATHING
PROTECT ROOF AT CANOPY STRUCTURE TO REMAIN
±31'-6"
CUT ROOF AT EDGE OF CANOPY STRUCTURE TO BE REMOVED; SHORE CANOPY STRUCTURE AS REQUIRED
LOW SLOPE ROOF AREAS; BUILT-UP ROOFING OVER PLYWOOD SHEATHING AND WOOD STRUCTURE
ALL ROOF AND STRUCTURE AT THIS SIDE OF LINE IS REMOVED; STRUCTURE TO BE DEMOLISHED DOWN TO SLAB, SEE DEMOLITION PLANS
COURTYARD
BARREL ROOF; COMBINATION OF COMPOSITION SHINGLE AND BUILT-UP ROOF OVER PLYWOOD SHEATHING
EXISTING AUDITORIUM ROOF
ALTERNATE "C" DEMO ROOFING
DEMO CHIMNEYS
A 735 SIM.
REMOVE LADDER TO POOL ROOF; SALVAGE TO OWNER
REMOVE GUTTERS AND DOWNSPOUTS AT (E) POOL ROOF AT THIS WALL
EXISTING ROOF AT POOL AREA TO REMAIN (EXCEPT AS REQUIRED AT EDGES; NO CONSTRUCTION TRAFFIC ALLOWED ON ROOF
DEMO ROOF PARAPET WALL AT NEW ROOF CONSTRUCTION
ALL ROOF AND STRUCTURE AT THIS SIDE OF LINE IS REMOVED; STRUCTURE TO BE DEMOLISHED DOWN TO SLAB, SEE DEMOLITION PLANS
REMOVE CANOPY BACK TO EDGE OF NEW WALL
REMOVE ALL POWER VENTILATORS FROM THIS ROOF PORTION, TYP.(5)
DEMO ROOFING AT PARAPET WALLS
REMOVE (E) STATIC ROOF VENTILATORS; REPLACE W/NEW OF SIMILAR SIZE AT SAME LOCATIONS; TYP. (12)
±31'-6"
REMOVE COAL TAR PITCH AND GRAVEL ROOF DOWN TO WOOD DECK
±133'-9"
REMOVE POWERED VENTILATORS IN THIS ROOF PORTION; TYP. (4)
MODIFY ROOF STRUCTURE AT LOCATION OF NEW MECH. UNIT
EXISTING ACTIVITY GYM ROOF TO REMAIN
REMOVE BUILT-UP ROOF DOWN TO WOOD DECK
REMOVE (E) STATIC ATTIC VENTILATORS IN THIS ROOF PORTION; REPLACE W/NEW OF SIMILAR SIZE AT SAME LOCATIONS; TYP. (5)
NOTE: REMOVE ROOFING SYSTEMS AT HATCHED AREAS
STATIC VENTILATORS IN THIS ROOF PORTION TO REMAIN; TYP (2)
DEMO ROOFING SYSTEM AND SKYLIGHT CURBS
A 735
EXISTING WOODSHOP ROOF
NORTH

ROOF DEMOLITION PLAN

SCALE: 1" = 20'-0"

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CEILING DEMO PLAN
ROOF DEMO PLAN

PROJECT NUMBER	DATE
01023	4-4-03

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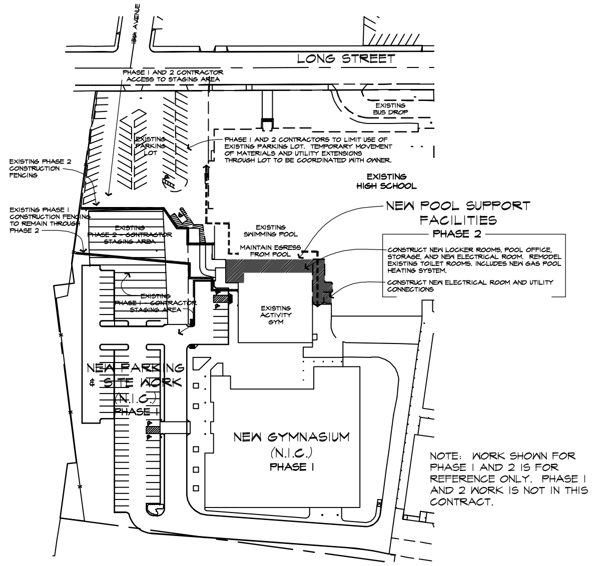

LONG STREET
15th AVENUE
PHASE 1 AND 2 CONTRACTOR ACCESS TO STAGING AREA
EXISTING BUS DROP
EXISTING PARKING LOT
PHASE 1 AND 2 CONTRACTORS TO LIMIT USE OF EXISTING PARKING LOT. TEMPORARY MOVEMENT OF MATERIALS AND UTILITY EXTENSIONS THROUGH LOT TO BE COORDINATED WITH OWNER.
EXISTING HIGH SCHOOL
EXISTING PHASE 2 CONSTRUCTION FENCING
EXISTING PHASE 1 CONSTRUCTION FENCING TO REMAIN THROUGH PHASE 2
EXISTING PHASE 2 - CONTRACTOR STAGING AREA
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
NEW POOL SUPPORT FACILITIES
PHASE 2
CONSTRUCT NEW LOCKER ROOMS, POOL OFFICE, STORAGE, AND NEW ELECTRICAL ROOM. REMODEL EXISTING TOILET ROOMS. INCLUDES NEW GAS POOL HEATING SYSTEM.
CONSTRUCT NEW ELECTRICAL ROOM AND UTILITY CONNECTIONS
EXISTING PHASE 1 - CONTRACTOR STAGING AREA
EXISTING ACTIVITY GYM
NEW PARKING & SITE WORK (N.I.C.) PHASE 1
NEW GYMNASIUM (N.I.C.) PHASE 1
NOTE: WORK SHOWN FOR PHASE 1 AND 2 IS FOR REFERENCE ONLY. PHASE 1 AND 2 WORK IS NOT IN THIS CONTRACT.

PHASE 1 - NEW GYMNASIUM

DURATION: THIS WORK IS CURRENTLY IN PROGRESS - COMPLETE JUNE 30, 2003.

PHASE 1 DESCRIPTION: PHASE 1 CONSISTS OF THE CONSTRUCTION OF THE NEW GYM AND ASSOCIATED PARKING IMPROVEMENTS. THIS WORK IS CURRENTLY UNDER CONTRACT WITH MCKENZIE COMMERCIAL CONTRACTORS AND IS SCHEDULED TO BE COMPLETE NO LATER THAN JUNE 30, 2003.

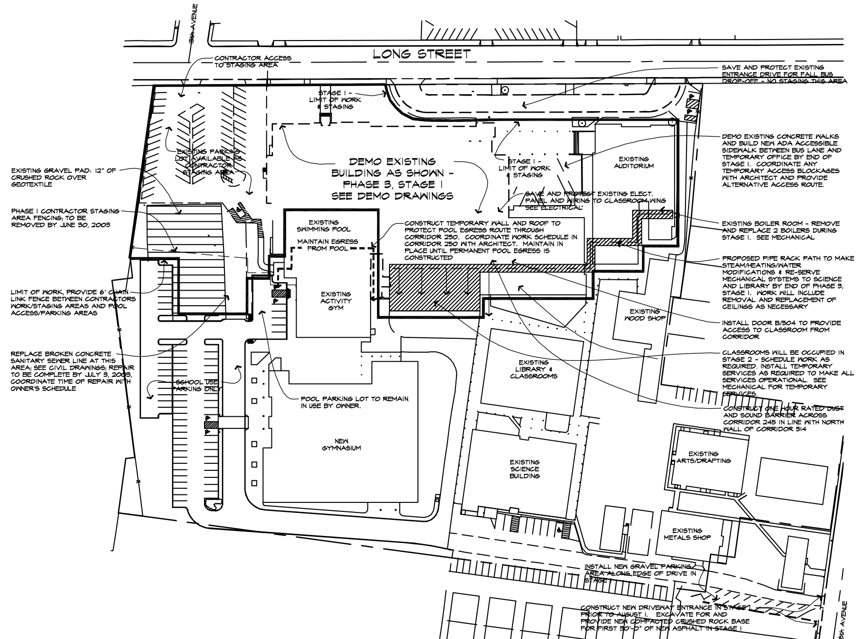
PHASE 2 - NEW POOL SUPPORT FACILITIES

DURATION: THIS WORK IS CURRENTLY IN PROGRESS - COMPLETE JUNE 2, 2003

PHASE 2 DESCRIPTION: PHASE 2 CONSISTS OF THE CONSTRUCTION OF NEW SWIMMING POOL SUPPORT FACILITIES INCLUDING A RECEPTION/OFFICE AREA, LOCKER ROOMS, SHOWERS, STORAGE AREA, INDEPENDENT GAS FUELED MECHANICAL SYSTEMS FOR THE POOL WATER HEATING AND HVAC SYSTEMS AND ASSOCIATED ELECTRICAL SYSTEMS. THE WORK IN THIS PHASE SHALL PERMIT THE PHASE 3 WORK TO OCCUR WITH MINIMAL IMPACT TO POOL FACILITIES OPERATIONS. THIS PHASE IS CURRENTLY UNDER CONTRACT AND IS SCHEDULED TO BE COMPLETE NO LATER THAN JUNE 2, 2003.

NORTH

SCALE: 1" = 60'


LONG STREET
15th AVENUE
CONTRACTOR ACCESS TO STAGING AREA
STAGE 1 - LIMIT OF WORK & STAGING
EXISTING PARKING LOT AVAILABLE AS CONTRACTOR STAGING AREA
EXISTING GRAVEL PAD: 12" OF CRUSHED ROCK OVER GEOTEXTILE
PHASE 1 CONTRACTOR STAGING AREA FENCING; TO BE REMOVED BY JUNE 30, 2003
LIMIT OF WORK, PROVIDE 6' CHAIN LINK FENCE BETWEEN CONTRACTORS WORK/STAGING AREAS AND POOL ACCESS/PARKING AREAS
REPLACE BROKEN CONCRETE SANITARY SEWER LINE AT THIS AREA; SEE CIVIL DRAWINGS; REPAIR TO BE COMPLETE BY JULY 3, 2003, COORDINATE TIME OF REPAIR WITH OWNER'S SCHEDULE
SCHOOL USE PARKING ONLY
DEMO EXISTING BUILDING AS SHOWN - PHASE 3, STAGE 1 SEE DEMO DRAWINGS
STAGE 1 - LIMIT OF WORK & STAGING
SAVE AND PROTECT EXISTING ELECT. PANEL AND WIRING TO CLASSROOM WING SEE ELECTRICAL
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
EXISTING ACTIVITY GYM
CONSTRUCT TEMPORARY WALL AND ROOF TO PROTECT POOL EGRESS ROUTE THROUGH CORRIDOR 250. COORDINATE WORK SCHEDULE IN CORRIDOR 250 WITH ARCHITECT. MAINTAIN IN PLACE UNTIL PERMANENT POOL EGRESS IS CONSTRUCTED
POOL PARKING LOT TO REMAIN IN USE BY OWNER.
NEW GYMNASIUM
EXISTING AUDITORIUM
EXISTING WOOD SHOP
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP
18th AVENUE
SAVE AND PROTECT EXISTING ENTRANCE DRIVE FOR FALL BUS DROP-OFF - NO STAGING THIS AREA
DEMO EXISTING CONCRETE WALKS AND BUILD NEW ADA ACCESSIBLE SIDEWALK BETWEEN BUS LANE AND TEMPORARY OFFICE BY END OF STAGE 1. COORDINATE ANY TEMPORARY ACCESS BLOCKAGES WITH ARCHITECT AND PROVIDE ALTERNATIVE ACCESS ROUTE.
EXISTING BOILER ROOM - REMOVE AND REPLACE 2 BOILERS DURING STAGE 1. SEE MECHANICAL
PROPOSED PIPE RACK PATH TO MAKE STEAM/HEATING/WATER MODIFICATIONS & RE-SERVE MECHANICAL SYSTEMS TO SCIENCE AND LIBRARY BY END OF PHASE 3, STAGE 1. WORK WILL INCLUDE REMOVAL AND REPLACEMENT OF CEILINGS AS NECESSARY
INSTALL DOOR B/504 TO PROVIDE ACCESS TO CLASSROOM FROM CORRIDOR
CLASSROOMS WILL BE OCCUPIED IN STAGE 2 - SCHEDULE WORK AS REQUIRED. INSTALL TEMPORARY SERVICES AS REQUIRED TO MAKE ALL SERVICES OPERATIONAL. SEE MECHANICAL FOR TEMPORARY SERVICES.
CONSTRUCT ONE HOUR RATED DUST AND SOUND BARRIER ACROSS CORRIDOR 245 IN LINE WITH NORTH WALL OF CORRIDOR 514
INSTALL NEW GRAVEL PARKING AREA ALONG EDGE OF DRIVE IN STAGE 1
CONSTRUCT NEW DRIVEWAY ENTRANCE IN STAGE 1 PRIOR TO AUGUST 1. EXCAVATE FOR AND PROVIDE NEW COMPACTED CRUSHED ROCK BASE FOR FIRST 30'-0" OF NEW ASPHALT IN STAGE 1

PHASE 3, STAGE 1 - DEMO, RE-SERVE SYSTEMS AND PREPARE SITE

DURATION: JUNE 20, 2003, TO AUGUST 22, 2003.

PHASE 3, STAGE 1 DESCRIPTION (ALSO SEE PLAN NOTES ABOVE, TYPICAL):

STAGE 1 CONSISTS OF ALL WORK WHICH NEEDS TO BE COMPLETED DURING THE SUMMER BREAK WHILE STUDENTS ARE NOT PRESENT. IT CONSISTS PRIMARILY OF THE DEMOLITION OF ALL AREAS OF THE MAIN BUILDING NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION. DEMOLITION WORK WILL INCLUDE ASBESTOS ABATEMENT, WHICH WILL BE COMPLETED ENTIRELY DURING STAGE 1. CONTRACTOR WILL ALSO CONSTRUCT NEW CONCRETE CURBS AND PUBLIC WALKS AT 18TH AVENUE. COORDINATE ANY REQUIRED BLOCKAGE OF 18TH AVE ACCESS WITH ARCHITECT, AND PROVIDE ALTERNATIVE ACCESS ROUTE DURING BLOCKAGE.

IT WILL ALSO INCLUDE THE DEMOLITION AND REPLACEMENT OF TEMPORARY AND PERMANENT MECHANICAL SYSTEMS INCLUDING HYDRONIC SYSTEM PIPING, DOMESTIC WATER PIPING, GAS PIPING, AND ELECTRICAL SYSTEMS AS NECESSARY TO ACCOMMODATE DEMOLITION AND RE-SERVICING OF THE REMAINING AREAS OF THE SCHOOL COMPLEX FOR SCHOOL FALL TERM. SEE MECHANICAL PHASING PLANS FOR ADDITIONAL INFORMATION.

STAGE 1 WORK SHALL BE COMPLETED AND RE-SERVED SYSTEMS OPERATIONAL FOR SCHOOL OPENING FALL 2003.

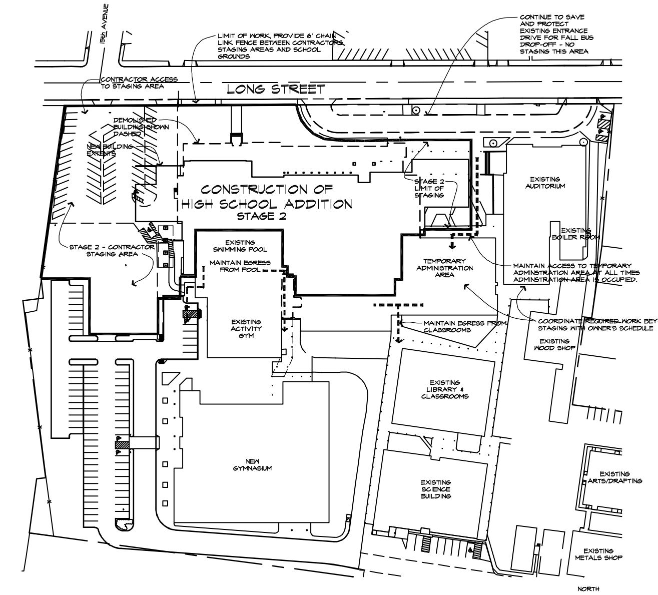
CONTRACTOR SHALL MAINTAIN FENCING ALONG POOL ACCESS AND EGRESS ROUTES AND TO ISOLATE POOL PARKING FROM THE WORK AND STAGING AREAS. THE CONTRACTOR SHALL ALSO MAINTAIN FENCING BETWEEN THE BUS DROP-OFF AND ADMINISTRATION AREAS AND THE WORK THROUGH-OUT THIS STAGE.

OWNER HAS SCHEDULED A FESTIVAL TO TAKE PLACE ON SOUTH HALF OF THE SITE DURING AUGUST 1, 2, AND 3. COORDINATE ACCESS, PROTECT SITE, AND ACCOMODATE FESTIVAL ACTIVITES OUTSIDE OF STAGING AREA LIMITS SHOWN.

PRIOR TO DEMOLITION OF THE EXISTING KITCHEN FREEZER AND COOLER, A TEMPORARY KITCHEN FACILITY WILL NEED TO BE SET UP AT FOSTER ELEMENTARY SCHOOL. COORDINATE WITH ARCHITECT SCHEDULE OF TEMPORARY KITCHEN SET-UP AND MOVE-IN TIMING. SEE DRAWING A1.6 FOR INFORMATION.

NORTH

SCALE: 1" = 60'


LONG STREET
15th AVENUE
CONTRACTOR ACCESS TO STAGING AREA
LIMIT OF WORK, PROVIDE 6' CHAIN LINK FENCE BETWEEN CONTRACTORS STAGING AREAS AND SCHOOL GROUNDS
CONTINUE TO SAVE AND PROTECT EXISTING ENTRANCE DRIVE FOR FALL BUS DROP-OFF - NO STAGING THIS AREA
DEMOLISHED BUILDING SHOWN DASHED
NEW BUILDING EXTENTS
CONSTRUCTION OF HIGH SCHOOL ADDITION STAGE 2
STAGE 2 LIMIT OF STAGING
STAGE 2 - CONTRACTOR STAGING AREA
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
EXISTING ACTIVITY GYM
TEMPORARY ADMINISTRATION AREA
MAINTAIN ACCESS TO TEMPORARY ADMINSTRATION AREA AT ALL TIMES ADMINSTRATION AREA IS OCCUPIED.
MAINTAIN EGRESS FROM CLASSROOMS
COORDINATE REQUIRED WORK BEYOND STAGING WITH OWNER'S SCHEDULE
EXISTING AUDITORIUM
EXISTING BOILER ROOM
EXISTING WOOD SHOP
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP
NEW GYMNASIUM

PHASE 3, STAGE 2 - CONTINUE BUILDING AND SITE WORK

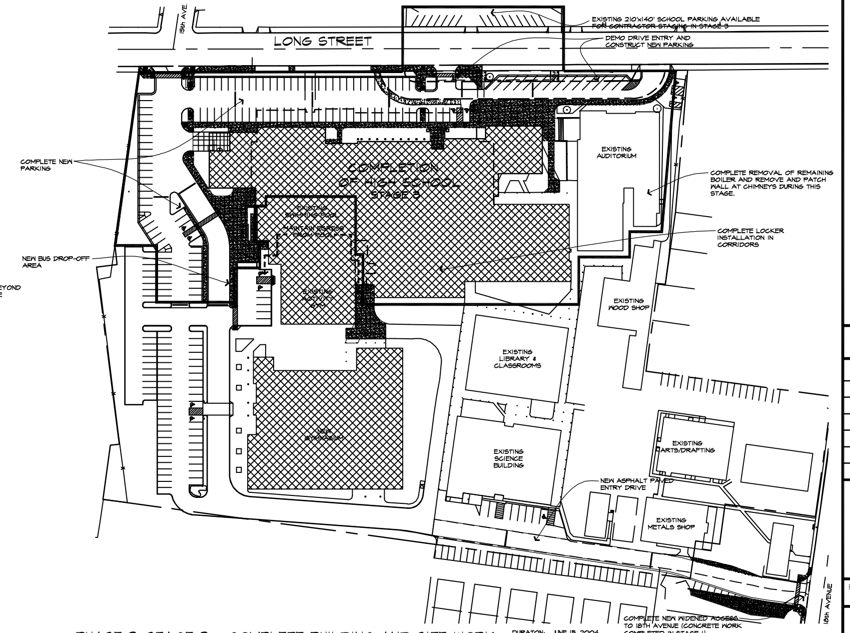
DURATION: AUGUST 22, 2003, UP TO JUNE 15, 2004)

PHASE 3, STAGE 2 DESCRIPTION:

STAGE 2 TAKES PLACE DURING THE 2003/2004 SCHOOL SESSION. STAGE 2 CONSISTS OF THE GENERAL CONSTRUCTION OF THE NEW SCHOOL ADDITION. CONTRACTOR WILL BE PROVIDED LIMITED ACCESS TO THE SITE AND WILL ALSO NEED TO ACCOMMODATE SCHOOL ACTIVITIES WHEN NECESSARY. THE CONTRACTOR SHALL ERECT TEMPORARY PARTITIONS WITH DUST AND NOISE CONTROL AS NECESSARY TO PERMIT SCHOOL ACTIVITIES TO CONTINUE IN THE ADJACENT SPACES. CONTRACTOR WILL ONLY BE PERMITTED TO WORK IN THE AREAS IDENTIFIED AS CONTRACTOR WORK AND STAGING AREAS, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE FENCING BETWEEN ALL STUDENT OCCUPIED AREAS AND THE WORK/STAGING AREA.

NORTH

SCALE: 1" = 60'


LONG STREET
15th AVE.
EXISTING 210'x140' SCHOOL PARKING AVAILABLE FOR CONTRACTOR STAGING IN STAGE 3
DEMO DRIVE ENTRY AND CONSTRUCT NEW PARKING
COMPLETE NEW PARKING
NEW BUS DROP-OFF AREA
COMPLETION OF HIGH SCHOOL STAGE 3
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
EXISTING ACTIVITY GYM
NEW GYMNASIUM
EXISTING AUDITORIUM
COMPLETE REMOVAL OF REMAINING BOILER AND REMOVE AND PATCH WALL AT CHIMNEYS DURING THIS STAGE.
COMPLETE LOCKER INSTALLATION IN CORRIDORS
EXISTING WOOD SHOP
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
NEW ASPHALT PAVED ENTRY DRIVE
EXISTING METALS SHOP
18th AVENUE
COMPLETE NEW WIDENED ACCESS TO 18TH AVENUE (CONCRETE WORK COMPLETED IN STAGE 1)

PHASE 3, STAGE 3 - COMPLETE BUILDING AND SITE WORK

DURATON: JUNE 15, 2004, UP TO AUGUST 1, 2004

STAGE 3 DESCRIPTION:

STAGE 3 WILL OCCUR DURING SUMMER BREAK 2004. STAGE 3 CONSISTS OF THE COMPLETION OF THE PROJECT. IN STAGE 3 CONTRACTOR WILL BE PROVIDED ADDITIONAL STAGING IN THE STUDENT PARKING LOT IF REQUIRED. DURING STAGE 3 THE CONTRACTOR WILL COMPLETE THE PARKING LOT WORK INCLUDING NEW PAVING AND ACCESS AT 18TH AVENUE, AND ANY OTHER WORK REMAINING IN THE REST OF THE SCHOOL COMPLEX.

STAGE 3 WILL INCLUDE THE DEMOLITION OF THE BUS DROP OFF LANE, AND FINAL PARKING AND STREET IMPROVEMENTS. THE SWIMMING POOL WILL REMAIN OPEN DURING STAGE 3 WORK.

STAGE 3 SHALL BE COMPLETE BY AUGUST 1, 2004 IN ORDER TO ALLOW TIME FOR THE SCHOOL TO OCCUPY THE NEW AREAS PRIOR TO START OF SCHOOL. CONTRACTOR SHALL PROVIDE FENCING BETWEEN THE WORK AREA AND THE POOL ACCESS AND PARKING AREAS, UNTIL THE ENTIRE WEST PARKING LOT IS ACCEPTED AS SUBSTANTIALLY COMPLETE.

NORTH

SCALE: 1" = 60'

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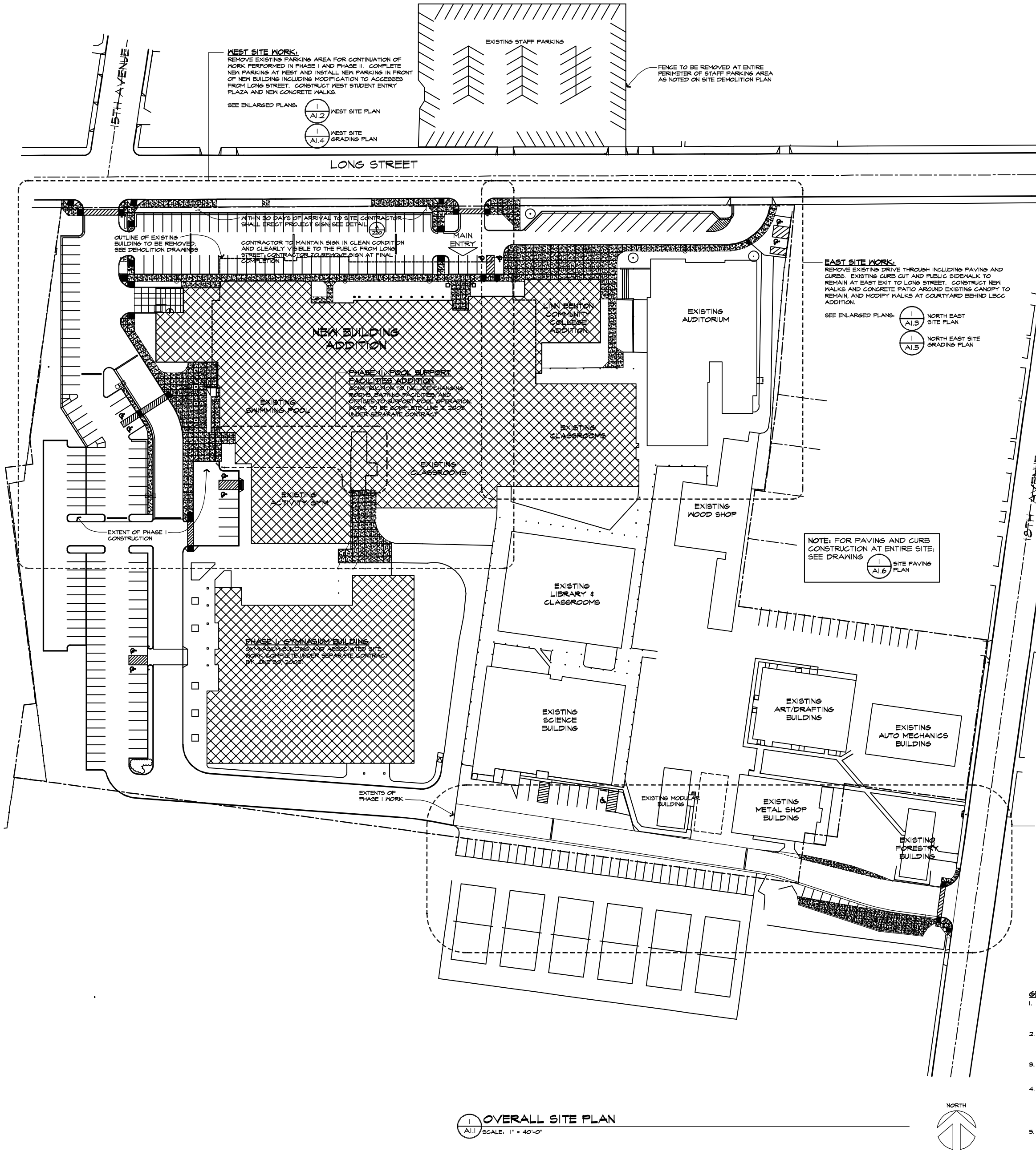
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△	REVISED

STAGE PLAN

PROJECT NUMBER	DATE
01023	4-4-03

A1.0



15TH AVENUE
18TH AVENUE
LONG STREET
EXISTING STAFF PARKING
MAIN ENTRY
NEW BUILDING ADDITION
EXISTING SWIMMING POOL
EXISTING ACTIVITY GYM
EXISTING CLASSROOMS
EXISTING CLASSROOMS
LINN BENTON COMMUNITY COLLEGE ADDITION
EXISTING AUDITORIUM
EXISTING WOOD SHOP
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING MODULAR BUILDING
EXISTING METAL SHOP BUILDING
EXISTING ART/DRAFTING BUILDING
EXISTING AUTO MECHANICS BUILDING
EXISTING FORESTRY BUILDING
220
NORTH

FENCE TO BE REMOVED AT ENTIRE PERIMETER OF STAFF PARKING AREA AS NOTED ON SITE DEMOLITION PLAN

WITHIN 30 DAYS OF ARRIVAL TO SITE CONTRACTOR SHALL ERECT PROJECT SIGN; SEE DETAIL

CONTRACTOR TO MAINTAIN SIGN IN CLEAN CONDITION AND CLEARLY VISIBLE TO THE PUBLIC FROM LONG STREET. CONTRACTOR TO REMOVE SIGN AT FINAL COMPLETION

OUTLINE OF EXISTING BUILDING TO BE REMOVED; SEE DEMOLITION DRAWINGS

EXTENT OF PHASE I CONSTRUCTION

EXTENTS OF PHASE I WORK

PHASE II: POOL SUPPORT FACILITIES ADDITION
CONSTRUCTION TO INCLUDE CHANGING ROOMS, BATHING FACILITIES, AND OFFICES TO SUPPORT POOL OPERATION. WORK TO BE COMPLETE JUNE 2, 2003 UNDER SEPARATE CONTRACT

PHASE I: GYMNASIUM BUILDING
GYMNASIUM BUILDING AND ASSOCIATED SITE WORK COMPLETE UNDER SEPARATE CONTRACT BY JUNE 30, 2003.

WEST SITE WORK:
REMOVE EXISTING PARKING AREA FOR CONTINUATION OF WORK PERFORMED IN PHASE I AND PHASE II. COMPLETE NEW PARKING AT WEST AND INSTALL NEW PARKING IN FRONT OF NEW BUILDING INCLUDING MODIFICATION TO ACCESSES FROM LONG STREET. CONSTRUCT WEST STUDENT ENTRY PLAZA AND NEW CONCRETE WALKS.

SEE ENLARGED PLANS:
1/A1.2 WEST SITE PLAN
1/A1.4 WEST SITE GRADING PLAN

EAST SITE WORK:
REMOVE EXISTING DRIVE THROUGH INCLUDING PAVING AND CURBS. EXISTING CURB CUT AND PUBLIC SIDEWALK TO REMAIN AT EAST EXIT TO LONG STREET. CONSTRUCT NEW WALKS AND CONCRETE PATIO AROUND EXISTING CANOPY TO REMAIN, AND MODIFY WALKS AT COURTYARD BEHIND LBCC ADDITION.

SEE ENLARGED PLANS:
1/A1.3 NORTH EAST SITE PLAN
1/A1.5 NORTH EAST SITE GRADING PLAN

NOTE: FOR PAVING AND CURB CONSTRUCTION AT ENTIRE SITE; SEE DRAWING 1/A1.6 SITE PAVING PLAN

SOUTH SITE WORK:
REMOVE EXISTING ASPHALT PAVING AND INSTALL NEW ASPHALT PAVING ALONG NEW BUS ROUTE. NEW PAVING TO HAVE CONTINUOUS CONCRETE SWALE GUTTER AT SOUTH EXTENTS. MODIFY EXISTING PARKING TO ACCOMMODATE WIDENED STREET ACCESS. MODIFY EXISTING PUBLIC SIDEWALK TO INCLUDE CURB RETURNS AT WIDENED BUS ENTRY WITH ACCESSIBLE CURB RAMPS. INSTALL SIDEWALK SWEEPS AROUND EXISTING UTILITY POLES AT FOUR LOCATIONS ON 18TH AVENUE ADJACENT TO SCHOOL PROPERTY.

SEE ENLARGED PLANS:
2/A1.3 SOUTH EAST SITE PLAN
2/A1.5 SOUTH EAST SITE GRADING PLAN

1/A1.1 **OVERALL SITE PLAN**
SCALE: 1" = 40'-0"

GENERAL SITE PLAN NOTES:

1. EXISTING SITE INFORMATION IS FROM SURVEY INFORMATION PROVIDED BY BALZHISER AND HUBBARD ENGINEERS DATED 10/19/01, AND FROM SUBSEQUENT DESIGN INFORMATION FROM PHASE 1 AND PHASE 2 WORK.
2. PATCH ALL EXISTING SURFACES TO REMAIN WHERE DAMAGED DURING CONSTRUCTION OR REMOVED DUE TO EXCAVATION FOR WORK OF OTHER TRADES. REFERENCE CIVIL, MECHANICAL, ELECTRICAL AND LANDSCAPE DRAWINGS.
3. EXISTING BUILDING REMAINS OCCUPIED DURING CONSTRUCTION. MAINTAIN EGRESS ACCESS FROM EXISTING BUILDINGS TO PUBLIC WAY AS SHOWN ON PHASING PLAN.
4. ALL PARKING SPACES TO BE NUMBERED AND MARKED ON PAVEMENT AS DESIGNATED BY OWNER IN 8" HIGH NUMERALS. MARKING INCLUDES 125 NEW PARKING SPACES AND 73 SPACES COMPLETED UNDER PREVIOUS CONTRACT. OF THESE SPACES 10 SHALL BE ADDITIONALLY MARKED WITH "VISITOR" AND 5 SHALL BE MARKED "RESERVED".
5. PROVIDE SAFETY FENCING AROUND ALL WORK AND STAGING AREAS. WHERE WORK OCCURS BEYOND STAGING AREA, PROVIDE TEMPORARY WARNINGS AND PROTECTIONS FOR WORK AS DIRECTED BY ARCHITECT.
6. COORDINATE ALL WORK WITHIN THE PUBLIC WAY WITH GOVERNING AGENCIES AND COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.

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BOND 2001
HIGH SCHOOL RECONSTRUCTION

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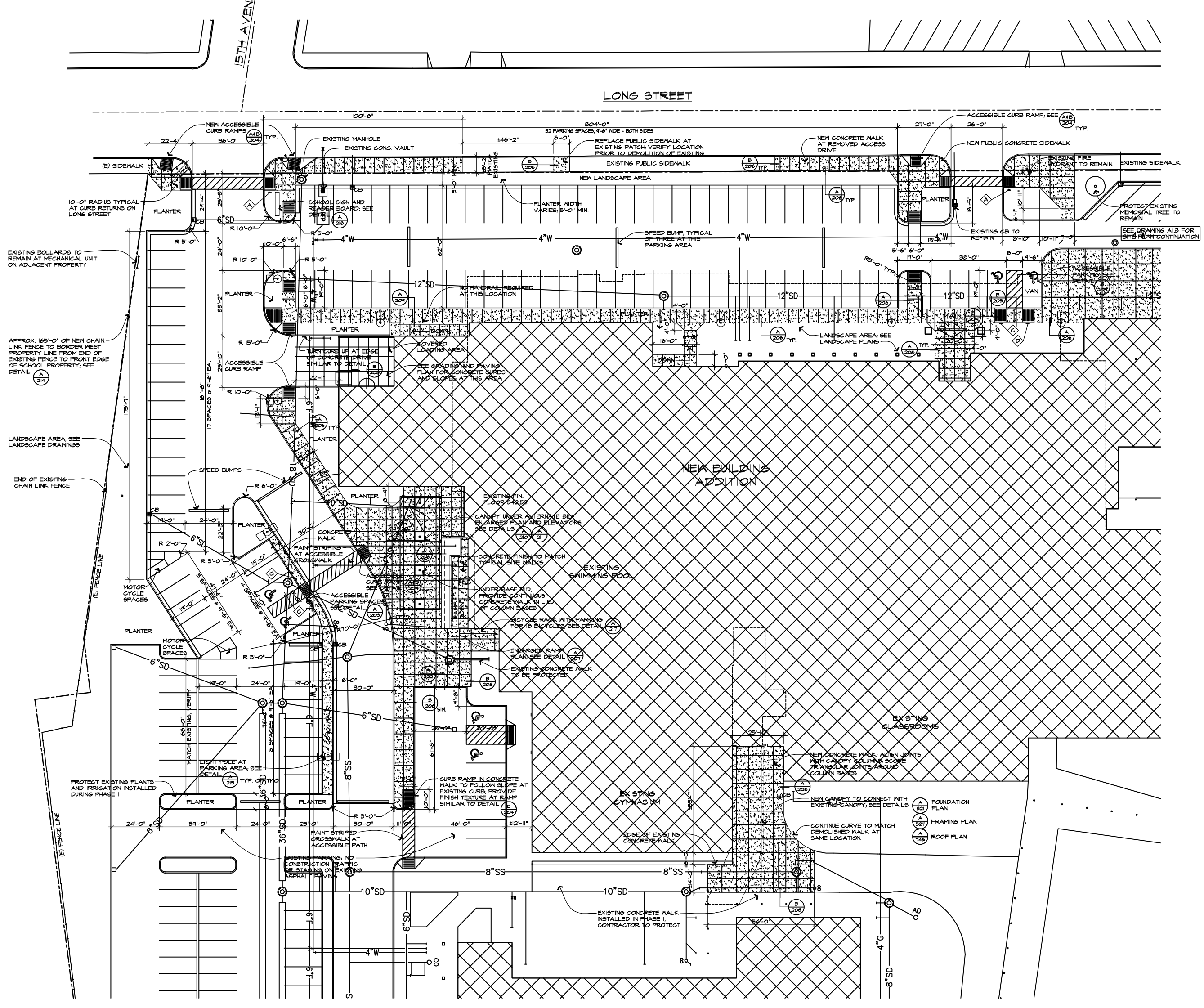
OVERALL SITE PLAN

PROJECT NUMBER 01023
DATE 4-4-03

A1.1


15TH AVENUE
LONG STREET
100'-6"
304'-0"
32 PARKING SPACES, 9'-6" WIDE - BOTH SIDES
NEW ACCESSIBLE CURB RAMPS A&B/204 TYP.
22'-4"
36'-0"
(E) SIDEWALK
EXISTING MANHOLE
EXISTING CONC. VAULT
±46'-2"
8'-0"
REPLACE PUBLIC SIDEWALK AT EXISTING PATCH; VERIFY LOCATION PRIOR TO DEMOLITION OF EXISTING
EXISTING PUBLIC SIDEWALK
NEW LANDSCAPE AREA
PLANTER WIDTH VARIES; 5'-0" MIN.
10'-0" RADIUS TYPICAL AT CURB RETURNS ON LONG STREET
PLANTER
SCHOOL SIGN AND READER BOARD; SEE DETAIL A/218
6"SD
R 10'-0"
R 5'-0"
4"W
SPEED BUMP, TYPICAL OF THREE AT THIS PARKING AREA
EXISTING BOLLARDS TO REMAIN AT MECHANICAL UNIT ON ADJACENT PROPERTY
12"SD
NO HANDRAIL REQUIRED AT THIS LOCATION
R 15'-0"
ACCESSIBLE CURB RAMP
TURN CURB UP AT EDGE OF CONCRETE DRIVE SIMILAR TO DETAIL B/205
COVERED LOADING AREA
SEE GRADING AND PAVING PLAN FOR CONCRETE CURBS AND SLOPES AT THIS AREA
APPROX. 165'-0" OF NEW CHAIN LINK FENCE TO BORDER WEST PROPERTY LINE FROM END OF EXISTING FENCE TO FRONT EDGE OF SCHOOL PROPERTY; SEE DETAIL A/214
17 SPACES @ 9'-6" EA.
161'-6"
175'-7"
LANDSCAPE AREA; SEE LANDSCAPE DRAWINGS
END OF EXISTING CHAIN LINK FENCE
SPEED BUMPS
R 6'-0"
NEW CONCRETE WALK AT REMOVED ACCESS DRIVE
ACCESSIBLE CURB RAMP; SEE A&B/204 TYP.
27'-0"
26'-0"
NEW PUBLIC CONCRETE SIDEWALK
EXISTING FIRE HYDRANT TO REMAIN
EXISTING SIDEWALK
PROTECT EXISTING MEMORIAL TREE TO REMAIN
EXISTING CB TO REMAIN
SEE DRAWING A1.3 FOR SITE PLAN CONTINUATION
R5'-0" TYP.
17'-0"
38'-0"
9'-6"
VAN
ACCESSIBLE PARKING; SEE DETAIL
MAIN ENTRY
LANDSCAPE AREA; SEE LANDSCAPE PLANS
DOWN
NEW BUILDING ADDITION
EXISTING FIN. FLOOR 542.52
CANOPY UNDER ALTERNATE BID; ENLARGED PLAN AND ELEVATIONS SEE DETAILS A/210 A/211
CONCRETE FINISH TO MATCH TYPICAL SITE WALKS
UNDER BASE BID, PROVIDE CONTINUOUS CONCRETE WALK IN LIEU OF COLUMN BASES
BICYCLE RACK WITH PARKING FOR 18 BICYCLES, SEE DETAIL A/217
ENLARGED RAMP PLAN; SEE DETAIL A/207
EXISTING CONCRETE WALK TO BE PROTECTED
EXISTING SWIMMING POOL
CONCRETE WALK
PAINT STRIPING AT ACCESSIBLE CROSSWALK
ACCESSIBLE CURB RAMP; SEE DETAIL
ACCESSIBLE PARKING SPACES; SEE DETAIL A/203
5 SPACES @ 9'-6" EA.
4 SPACES @ 9'-6" EA.
MOTOR CYCLE SPACES
(E) FENCE LINE
8 SPACES @ 9'-6" EA
MATCH EXISTING, VERIFY
LIGHT POLE AT PARKING AREA; SEE DETAIL A/219 TYP. OF TWO
PROTECT EXISTING PLANTS AND IRRIGATION INSTALLED DURING PHASE I
36"SD
8"SS
10"SD
PAINT STRIPED CROSSWALK AT ACCESSIBLE PATH
EXISTING PARKING; NO CONSTRUCTION TRAFFIC OR STAGING ON EXISTING ASPHALT PAVING
CURB RAMP IN CONCRETE WALK TO FOLLOW SLOPE AT EXISTING CURB; PROVIDE FINISH TEXTURE AT RAMP SIMILAR TO DETAIL B/204
46'-0"
±12'-11"
EXISTING GYMNASIUM
EDGE OF EXISTING CONCRETE WALK
EXISTING CONCRETE WALK INSTALLED IN PHASE I, CONTRACTOR TO PROTECT
54'-0"
EXISTING CLASSROOMS
NEW CONCRETE WALK; ALIGN JOINTS WITH CANOPY COLUMNS; SCORE TRIANGULAR JOINTS AROUND COLUMN BASES
NEW CANOPY TO CONNECT WITH EXISTING CANOPY; SEE DETAILS
A/321 FOUNDATION PLAN
A/327 FRAMING PLAN
A/748 ROOF PLAN
CONTINUE CURVE TO MATCH DEMOLISHED WALK AT SAME LOCATION
4"G
8"SD
AD

1 / A1.2 **WEST SITE PLAN**
SCALE: 1" = 20'-0"

NORTH

GENERAL SITE PLAN NOTES:

1. EXISTING SITE INFORMATION IS FROM SURVEY INFORMATION PROVIDED BY BALZHISER AND HUBBARD ENGINEERS DATED 10/19/01, AND FROM SUBSEQUENT DESIGN INFORMATION FROM PHASE 1 AND PHASE 2 WORK.
2. PATCH ALL EXISTING SURFACES TO REMAIN WHERE DAMAGED DURING CONSTRUCTION OR REMOVED DUE TO EXCAVATION FOR WORK OF OTHER TRADES. REFERENCE CIVIL, MECHANICAL, ELECTRICAL AND LANDSCAPE DRAWINGS.
3. EXISTING BUILDING REMAINS OCCUPIED DURING CONSTRUCTION. MAINTAIN EGRESS ACCESS FROM EXISTING BUILDINGS TO PUBLIC WAY AS SHOWN ON PHASING PLAN.
4. ALL PARKING SPACES TO BE NUMBERED AND MARKED ON PAVEMENT AS DESIGNATED BY OWNER IN 8" HIGH NUMERALS. MARKING INCLUDES 125 NEW PARKING SPACES AND 73 SPACES COMPLETED UNDER PREVIOUS CONTRACT. OF THESE SPACES 10 SHALL BE ADDITIONALLY MARKED WITH "VISITOR" AND 5 SHALL BE MARKED "RESERVED".
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6. COORDINATE ALL WORK WITHIN THE PUBLIC WAY WITH GOVERNING AGENCIES AND COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.

SITE LEGEND

▨	NEW CONCRETE WALK: 4" CONCRETE WITH 6x6 W2.9xW2.9 WELDED WIRE FABRIC OVER 6" CRUSHED ROCK BASE, TYPICAL
☐⊙	POLE MOUNTED SITE LIGHT, SEE ELECTRICAL; SEE DETAILS A&B/212 AND A/213 FOR BASE CONDITION
▥	ACCESSIBLE CURB RAMP; FORM TO COMPLY WITH ADAAG AND LOCAL REQUIREMENTS
▥ CB	CATCH BASIN; SEE MECHANICAL AND CIVIL DRAWINGS
▥ AD	AREA DRAIN; SEE MECHANICAL AND CIVIL DRAWINGS
◇A	NEW SIGN AND SIGN MARK; SEE SIGN SCHEDULE AND DETAIL A/215
⊙	EXISTING TREE TO REMAIN

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HIGH SCHOOL RECONSTRUCTION

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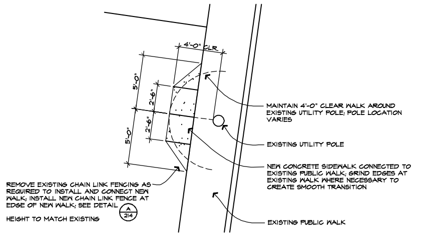
WEST SITE PLAN

PROJECT NUMBER	DATE
01023	4-4-03

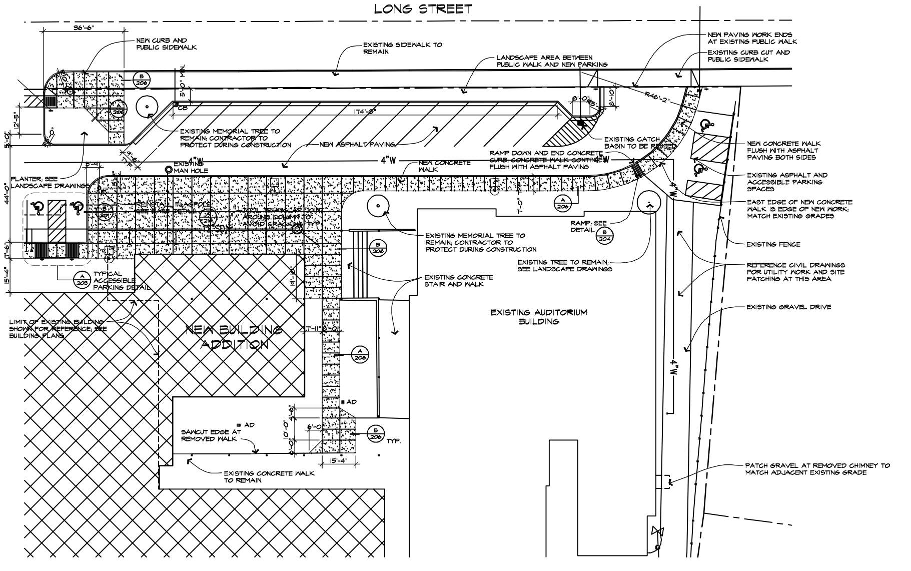
A1.2


4'-0" CLR.
5'-0"
2'-6"
2'-6"
5'-0"
MAINTAIN 4'-0" CLEAR WALK AROUND EXISTING UTILITY POLE; POLE LOCATION VARIES
EXISTING UTILITY POLE
NEW CONCRETE SIDEWALK CONNECTED TO EXISTING PUBLIC WALK; GRIND EDGES AT EXISTING WALK WHERE NECESSARY TO CREATE SMOOTH TRANSITION
REMOVE EXISTING CHAIN LINK FENCING AS REQUIRED TO INSTALL AND CONNECT NEW WALK; INSTALL NEW CHAIN LINK FENCE AT EDGE OF NEW WALK; SEE DETAIL A/214
HEIGHT TO MATCH EXISTING
EXISTING PUBLIC WALK

3/A1.3 ENLARGED PLAN AT LAMP POST
SCALE: 1/4" = 1'-0"

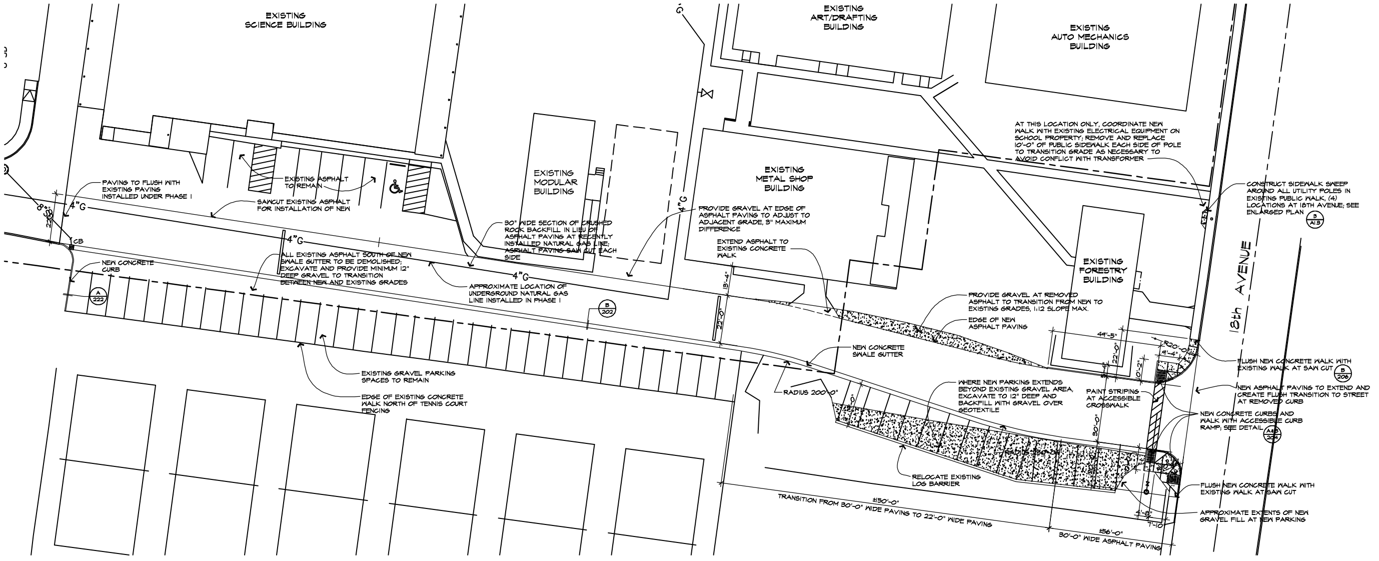
NORTH

SEE DRAWING A1.2 FOR CONTINUATION OF SITE PLAN


LONG STREET
36'-6"
NEW CURB AND PUBLIC SIDEWALK
EXISTING SIDEWALK TO REMAIN
LANDSCAPE AREA BETWEEN PUBLIC WALK AND NEW PARKING
NEW PAVING WORK ENDS AT EXISTING PUBLIC WALK
EXISTING CURB CUT AND PUBLIC SIDEWALK
R46'-2"
8'-0"
8'-10"
5'-0" MIN.
12'-5"
3'-0"
44'-0"
7'-6"
15'-4"
174'-8"
CB
B/206
A/206
EXISTING MEMORIAL TREE TO REMAIN; CONTRACTOR TO PROTECT DURING CONSTRUCTION
NEW ASPHALT PAVING
EXISTING CATCH BASIN TO BE REUSED
4"W
EXISTING MAN HOLE
NEW CONCRETE WALK
RAMP DOWN AND END CONCRETE CURB, CONCRETE WALK CONTINUES FLUSH WITH ASPHALT PAVING
NEW CONCRETE WALK FLUSH WITH ASPHALT PAVING BOTH SIDES
EXISTING ASPHALT AND ACCESSIBLE PARKING SPACES
EAST EDGE OF NEW CONCRETE WALK IS EDGE OF NEW WORK; MATCH EXISTING GRADES
PLANTER; SEE LANDSCAPE DRAWINGS
REINSTALL FLAGPOLE SEE BASE DETAIL
B/201
A/216
TOOL TRIANGULAR JOINT AROUND COLUMN TO AVOID CRACKING, TYP.
12 SD
7'-0" TYP.
RAMP; SEE DETAIL B/204
EXISTING FENCE
EXISTING TREE TO REMAIN; SEE LANDSCAPE DRAWINGS
REFERENCE CIVIL DRAWINGS FOR UTILITY WORK AND SITE PATCHING AT THIS AREA
EXISTING CONCRETE STAIR AND WALK
A/208 TYPICAL ACCESSIBLE PARKING DETAIL
EXISTING AUDITORIUM BUILDING
EXISTING GRAVEL DRIVE
LIMIT OF EXISTING BUILDING SHOWN FOR REFERENCE; SEE BUILDING PLANS
NEW BUILDING ADDITION
19'-10"
7'-11"
8'-0"
AD
4'-6"
10'-0"
6'-0"
15'-4"
B/206 TYP.
SAWCUT EDGE AT REMOVED WALK
EXISTING CONCRETE WALK TO REMAIN
PATCH GRAVEL AT REMOVED CHIMNEY TO MATCH ADJACENT EXISTING GRADE

1/A1.3 NORTH EAST SITE PLAN
SCALE: 1" = 20'-0"

NORTH


EXISTING SCIENCE BUILDING
EXISTING ART/DRAFTING BUILDING
EXISTING AUTO MECHANICS BUILDING
EXISTING MODULAR BUILDING
EXISTING METAL SHOP BUILDING
EXISTING FORESTRY BUILDING
18th AVENUE
PAVING TO FLUSH WITH EXISTING PAVING INSTALLED UNDER PHASE 1
EXISTING ASPHALT TO REMAIN
SAWCUT EXISTING ASPHALT FOR INSTALLATION OF NEW
4"G
CB
NEW CONCRETE CURB
A/222
ALL EXISTING ASPHALT SOUTH OF NEW SWALE GUTTER TO BE DEMOLISHED; EXCAVATE AND PROVIDE MINIMUM 12" DEEP GRAVEL TO TRANSITION BETWEEN NEW AND EXISTING GRADES
30" WIDE SECTION OF CRUSHED ROCK BACKFILL IN LIEU OF ASPHALT PAVING AT RECENTLY INSTALLED NATURAL GAS LINE; ASPHALT PAVING SAW CUT EACH SIDE
APPROXIMATE LOCATION OF UNDERGROUND NATURAL GAS LINE INSTALLED IN PHASE 1
B/202
PROVIDE GRAVEL AT EDGE OF ASPHALT PAVING TO ADJUST TO ADJACENT GRADE, 3" MAXIMUM DIFFERENCE
EXTEND ASPHALT TO EXISTING CONCRETE WALK
13'-4"
22'-0"
EXISTING GRAVEL PARKING SPACES TO REMAIN
EDGE OF EXISTING CONCRETE WALK NORTH OF TENNIS COURT FENCING
AT THIS LOCATION ONLY, COORDINATE NEW WALK WITH EXISTING ELECTRICAL EQUIPMENT ON SCHOOL PROPERTY; REMOVE AND REPLACE 10'-0" OF PUBLIC SIDEWALK EACH SIDE OF POLE TO TRANSITION GRADE AS NECESSARY TO AVOID CONFLICT WITH TRANSFORMER
CONSTRUCT SIDEWALK SWEEP AROUND ALL UTILITY POLES IN EXISTING PUBLIC WALK, (4) LOCATIONS AT 18TH AVENUE; SEE ENLARGED PLAN 3/A1.3
PROVIDE GRAVEL AT REMOVED ASPHALT TO TRANSITION FROM NEW TO EXISTING GRADES, 1:12 SLOPE MAX.
EDGE OF NEW ASPHALT PAVING
NEW CONCRETE SWALE GUTTER
RADIUS 200'-0"
49'-5"
22'-0"
R20'-0"
9'-4"
10'-2"
WHERE NEW PARKING EXTENDS BEYOND EXISTING GRAVEL AREA, EXCAVATE TO 12" DEEP AND BACKFILL WITH GRAVEL OVER GEOTEXTILE
PAINT STRIPING AT ACCESSIBLE CROSSWALK
FLUSH NEW CONCRETE WALK WITH EXISTING WALK AT SAW CUT B/206
NEW ASPHALT PAVING TO EXTEND AND CREATE FLUSH TRANSITION TO STREET AT REMOVED CURB
NEW CONCRETE CURBS AND WALK WITH ACCESSIBLE CURB RAMP; SEE DETAIL A&B/204
30'-0"
RADIUS 350'-0"
RELOCATE EXISTING LOG BARRIER
FLUSH NEW CONCRETE WALK WITH EXISTING WALK AT SAW CUT
APPROXIMATE EXTENTS OF NEW GRAVEL FILL AT NEW PARKING
±150'-0"
TRANSITION FROM 30'-0" WIDE PAVING TO 22'-0" WIDE PAVING
4'-8"
7'-10"
±56'-0"
30'-0" WIDE ASPHALT PAVING

2/A1.3 SOUTH EAST SITE PLAN
SCALE: 1" = 20'-0"

NORTH

GENERAL SITE PLAN NOTES:

1. EXISTING SITE INFORMATION IS FROM SURVEY INFORMATION PROVIDED BY BALZHISER AND HUBBARD ENGINEERS DATED 10/19/01, AND FROM SUBSEQUENT DESIGN INFORMATION FROM PHASE 1 AND PHASE 2 WORK.
2. PATCH ALL EXISTING SURFACES TO REMAIN WHERE DAMAGED DURING CONSTRUCTION OR REMOVED DUE TO EXCAVATION FOR WORK OF OTHER TRADES. REFERENCE CIVIL, MECHANICAL, ELECTRICAL AND LANDSCAPE DRAWINGS.
3. EXISTING BUILDING REMAINS OCCUPIED DURING CONSTRUCTION. MAINTAIN EGRESS ACCESS FROM EXISTING BUILDINGS TO PUBLIC WAY AS SHOWN ON PHASING PLAN.
4. ALL PARKING SPACES TO BE NUMBERED AND MARKED ON PAVEMENT AS DESIGNATED BY OWNER IN 8" HIGH NUMERALS. MARKING INCLUDES 125 NEW PARKING SPACES AND 73 SPACES COMPLETED UNDER PREVIOUS CONTRACT. OF THESE SPACES 10 SHALL BE ADDITIONALLY MARKED WITH "VISITOR" AND 5 SHALL BE MARKED "RESERVED".
5. PROVIDE SAFETY FENCING AROUND ALL WORK AND STAGING AREAS. WHERE WORK OCCURS BEYOND STAGING AREA, PROVIDE TEMPORARY WARNINGS AND PROTECTIONS FOR WORK AS DIRECTED BY ARCHITECT.
6. COORDINATE ALL WORK WITHIN THE PUBLIC WAY WITH GOVERNING AGENCIES AND COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.

SITE LEGEND

▨	NEW CONCRETE WALK: 4" CONCRETE WITH 6x6 W2.9xW2.9 WELDED WIRE FABRIC OVER 6" CRUSHED ROCK BASE, TYPICAL
⊡	POLE MOUNTED SITE LIGHT, SEE ELECTRICAL; SEE DETAILS A&B/212 AND A/213 FOR BASE CONDITION
▲	ACCESSIBLE CURB RAMP; FORM TO COMPLY WITH ADAAG AND LOCAL REQUIREMENTS
▦ CB	CATCH BASIN; SEE MECHANICAL AND CIVIL DRAWINGS
▦ AD	AREA DRAIN; SEE MECHANICAL AND CIVIL DRAWINGS
◇ A	NEW SIGN AND SIGN MARK; SEE SIGN SCHEDULE AND DETAIL A/215
○	EXISTING TREE TO REMAIN

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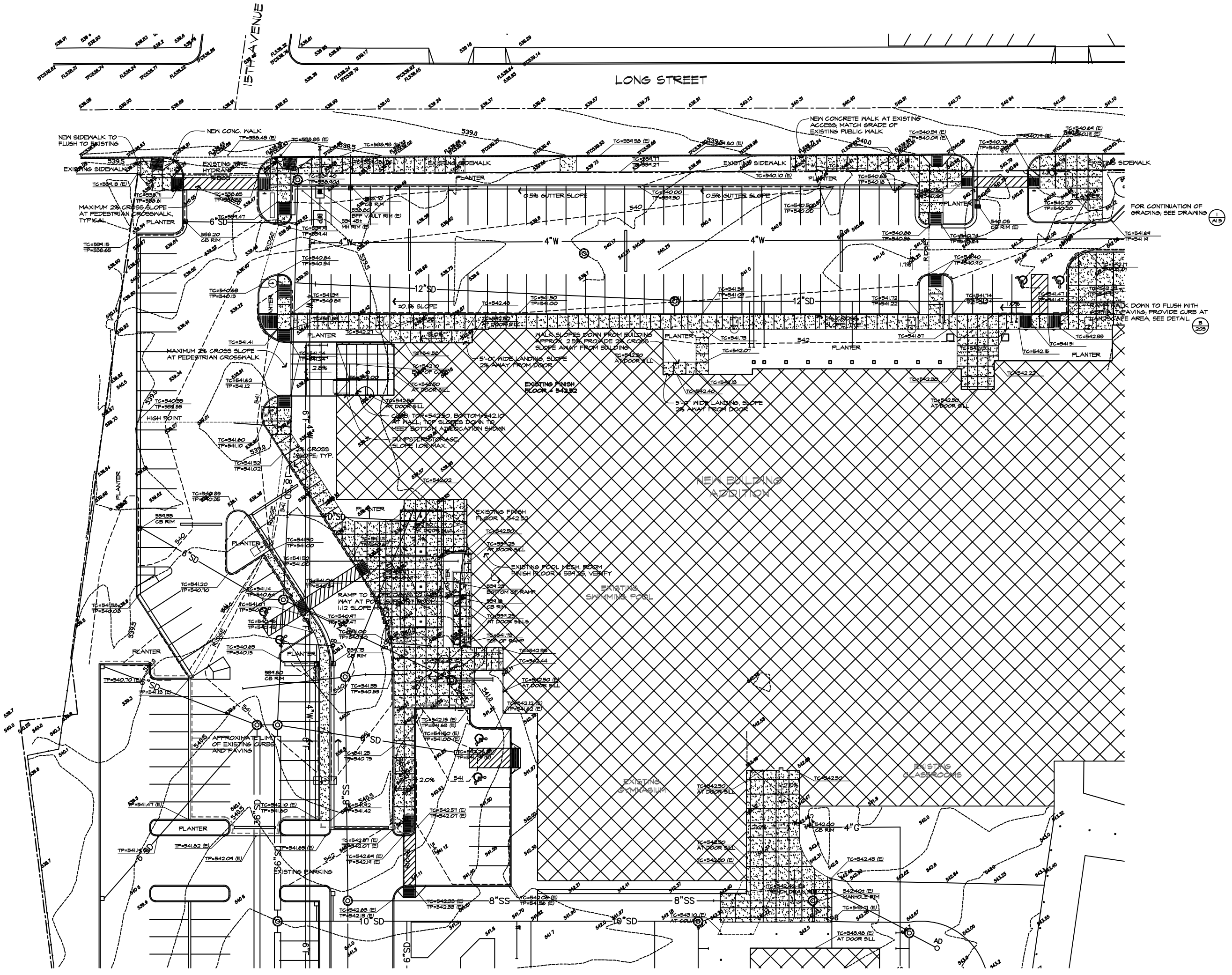
HIGH SCHOOL RECONSTRUCTION

△	REVISED

EAST SITE PLAN

PROJECT NUMBER	DATE
01023	4-4-03

A1.3


LONG STREET
15TH AVENUE
NEW SIDEWALK TO FLUSH TO EXISTING
EXISTING SIDEWALK
NEW CONC. WALK
EXISTING FIRE HYDRANT
MAXIMUM 2% CROSS SLOPE AT PEDESTRIAN CROSSWALK, TYPICAL
PLANTER
6"SD
538.20 CB RIM
BFP
538.80 BFP VAULT RIM (E)
539.45± MH RIM (E)
0.5% GUTTER SLOPE
4"W
12"SD
±0.1% SLOPE
HIGH POINT
MAXIMUM 2% CROSS SLOPE AT PEDESTRIAN CROSSWALK
RIDGE
2.8%
2% CROSS SLOPE, TYP.
NEW CONCRETE WALK AT EXISTING ACCESS; MATCH GRADE OF EXISTING PUBLIC WALK
FOR CONTINUATION OF GRADING; SEE DRAWING 1/A1.5
RAMP WALK DOWN TO FLUSH WITH ASPHALT PAVING; PROVIDE CURB AT LANDSCAPE AREA, SEE DETAIL B/205
WALK SLOPES DOWN FROM BUILDING APPROX. 2.5%; PROVIDE 2% CROSS SLOPE AWAY FROM BUILDING
5'-0" WIDE LANDING, SLOPE 2% AWAY FROM DOOR
EXISTING FINISH FLOOR = 542.52
TC=542.10 END OF CURB
TC=542.50 AT DOOR SILL
CURB; TOP=542.50, BOTTOM=542.10 AT WALL; TOP SLOPES DOWN TO MEET BOTTOM AT LOCATION SHOWN
DUMPSTER STORAGE, SLOPE 1.0% MAX.
NEW BUILDING ADDITION
18"SD
10"SD
EXISTING POOL MECH. ROOM FINISH FLOOR = 539.25, VERIFY
EXISTING SWIMMING POOL
RAMP TO SLOPE DOWN TO AREA WAY AT POOL SUPPORT ROOM; 1:12 SLOPE MAX.
539.25 BOTTOM OF RAMP
539.18 CB RIM
TC=539.25 AT DOOR SILLS
TC=541.75 TOP OF RAMP
APPROXIMATE LIMIT OF EXISTING CURBS AND PAVING
9"SD
8"SS
36"SD
2.0%
EXISTING PARKING
EXISTING GYMNASIUM
EXISTING CLASSROOMS
4"G
TC=548.48 (E) AT DOOR SILL
AD
NORTH

1/A1.4 WEST SITE GRADING PLAN

SCALE: 1" = 20'-0"

GENERAL SITE GRADING NOTES:

1. PROTECT EXISTING STRUCTURES AND SURFACES TO REMAIN INCLUDING EXISTING BUILDINGS, FENCES, CONCRETE AND ASPHALT PAVING, AND LANDSCAPED AREAS.
2. VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO START OF EXCAVATION.
3. REFER TO WORK OF OTHER TRADES FOR ADDITIONAL TRENCHING OR EXCAVATION WORK. WORK MAY OCCUR BEYOND LIMITS OF CONSTRUCTION SHOWN ON THIS DRAWING.
4. VERIFY ELEVATION OF NEW WALKS AT DOOR SILLS. WALKS SHOULD BE SET 1/8" LOWER THAN INTERIOR SLAB.

GRADING PLAN LEGEND:

— —541— —	NEW CONTOUR LINE
----539.5----	EXISTING CONTOUR LINE
XXX.XX / XXX.XX	NEW POINT ELEVATION TC = TOP OF CURB/CONCRETE TP = TOP OF ASPHALT PAVING
XXX.XX	EXISTING POINT ELEVATION

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BOND 2001
HIGH SCHOOL RECONSTRUCTION

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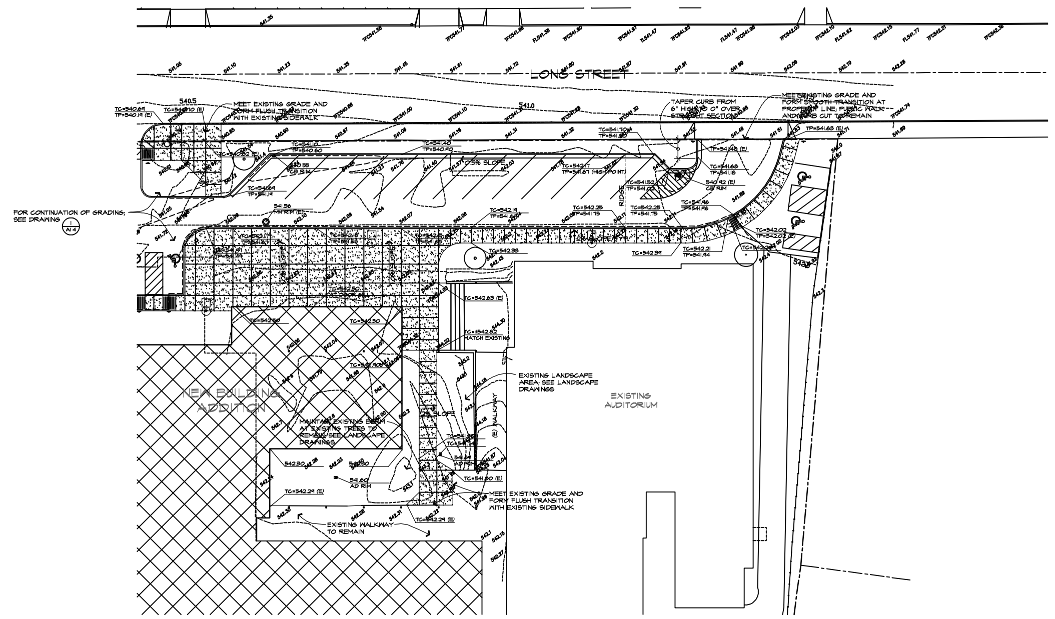
WEST SITE
GRADING PLAN

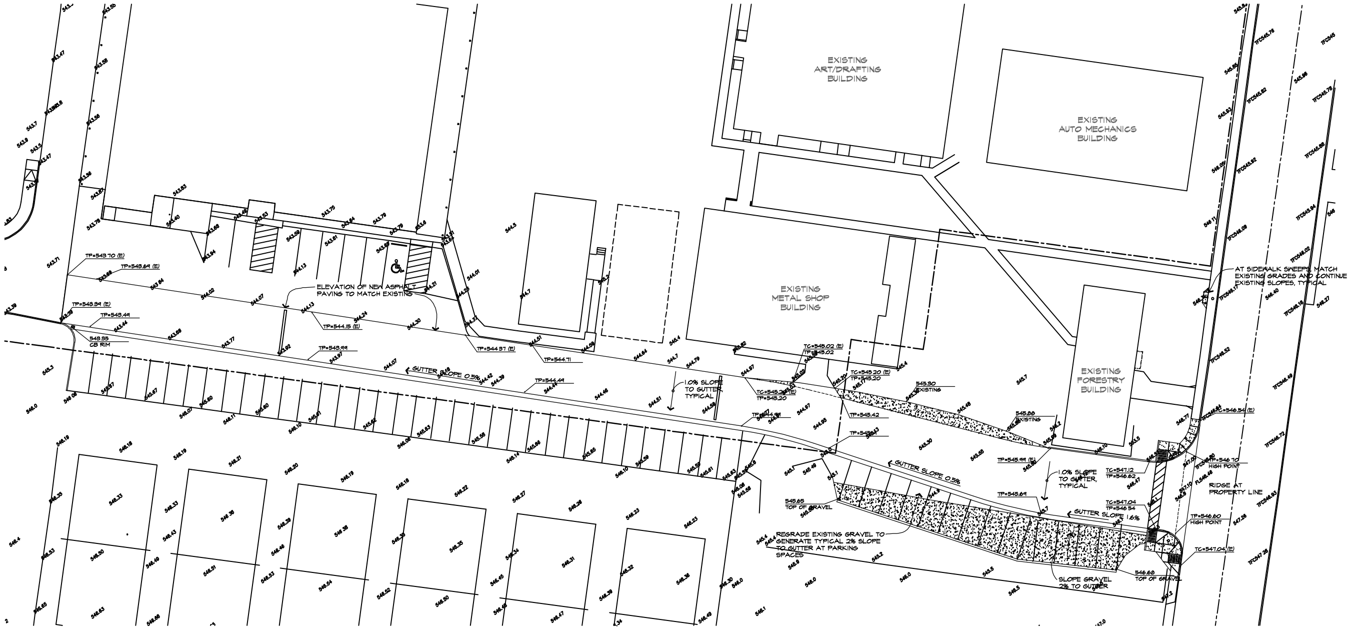
PROJECT NUMBER	DATE
01023	4-4-03

A1.4


LONG STREET
MEET EXISTING GRADE AND FORM FLUSH TRANSITION WITH EXISTING SIDEWALK
TAPER CURB FROM 6" HIGH TO 0" OVER STRAIGHT SECTION
MEET EXISTING GRADE AND FORM SMOOTH TRANSITION AT PROPERTY LINE; PUBLIC WALK AND CURB CUT TO REMAIN
FOR CONTINUATION OF GRADING; SEE DRAWING 1/A1.4
0.5% SLOPE
TC=542.17 TP=541.67 (HIGH POINT)
RIDGE
540.92 (E) CB RIM
541.56 MH RIM (E)
TC=542.83 MATCH EXISTING
EXISTING LANDSCAPE AREA; SEE LANDSCAPE DRAWINGS
EXISTING AUDITORIUM
NEW BUILDING ADDITION
MAINTAIN EXISTING BERM AT EXISTING TREES TO REMAIN; SEE LANDSCAPE DRAWINGS
(E) WALKWAY
541.60 AD RIM
EXISTING WALKWAY TO REMAIN
MEET EXISTING GRADE AND FORM FLUSH TRANSITION WITH EXISTING SIDEWALK

1 A1.5 NORTH EAST SITE GRADING PLAN
SCALE: 1" = 20'-0"

NORTH


EXISTING ART/DRAFTING BUILDING
EXISTING AUTO MECHANICS BUILDING
EXISTING METAL SHOP BUILDING
EXISTING FORESTRY BUILDING
AT SIDEWALK SWEEPS, MATCH EXISTING GRADES AND CONTINUE EXISTING SLOPES, TYPICAL
ELEVATION OF NEW ASPHALT PAVING TO MATCH EXISTING
GUTTER SLOPE 0.5%
GUTTER SLOPE 1.6%
1.0% SLOPE TO GUTTER, TYPICAL
545.30 EXISTING
545.88 EXISTING
TP=546.70 HIGH POINT
TP=546.60 HIGH POINT
RIDGE AT PROPERTY LINE
545.65 TOP OF GRAVEL
546.68 TOP OF GRAVEL
REGRADE EXISTING GRAVEL TO GENERATE TYPICAL 2% SLOPE TO GUTTER AT PARKING SPACES
SLOPE GRAVEL 2% TO GUTTER
545.55 CB RIM

2 A1.5 SOUTH EAST SITE GRADING PLAN
SCALE: 1" = 20'-0"

NORTH

GRADING PLAN LEGEND:

541 — NEW CONTOUR LINE

539.5 - - - EXISTING CONTOUR LINE

XXX.XX / XXX.XX NEW POINT ELEVATION
TC = TOP OF CURB/CONCRETE
TP = TOP OF ASPHALT PAVING

XXX.XX EXISTING POINT ELEVATION

GENERAL SITE GRADING NOTES:

1. PROTECT EXISTING STRUCTURES AND SURFACES TO REMAIN INCLUDING EXISTING BUILDINGS, FENCES, CONCRETE AND ASPHALT PAVING, AND LANDSCAPED AREAS.
2. VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO START OF EXCAVATION.
3. REFER TO WORK OF OTHER TRADES FOR ADDITIONAL TRENCHING OR EXCAVATION WORK. WORK MAY OCCUR BEYOND LIMITS OF CONSTRUCTION SHOWN ON THIS DRAWING.
4. VERIFY ELEVATION OF NEW WALKS AT DOOR SILLS. WALKS SHOULD BE SET 1/8" LOWER THAN INTERIOR SLAB.

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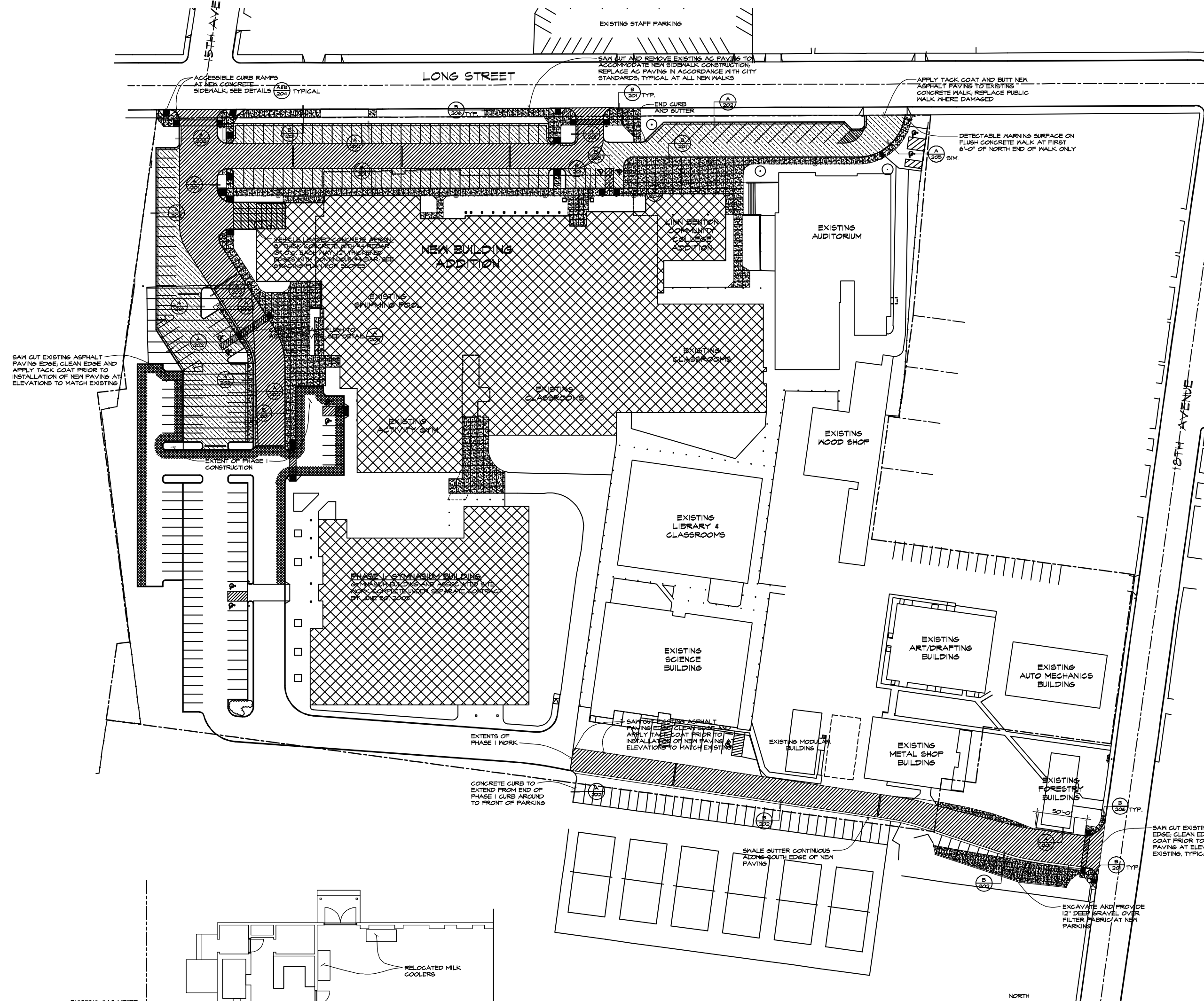
EAST SITE
GRADING PLANS

PROJECT NUMBER	DATE
01023	4-4-03

A1.5


15TH AVENUE
LONG STREET
EXISTING STAFF PARKING
ACCESSIBLE CURB RAMPS AT NEW CONCRETE SIDEWALK; SEE DETAILS A&B/204 TYPICAL
SAW CUT AND REMOVE EXISTING AC PAVING TO ACCOMMODATE NEW SIDEWALK CONSTRUCTION; REPLACE AC PAVING IN ACCORDANCE WITH CITY STANDARDS; TYPICAL AT ALL NEW WALKS
B/206 TYP.
B/201 TYP.
END CURB AND GUTTER
A/202
APPLY TACK COAT AND BUTT NEW ASPHALT PAVING TO EXISTING CONCRETE WALK; REPLACE PUBLIC WALK WHERE DAMAGED
DETECTABLE WARNING SURFACE ON FLUSH CONCRETE WALK AT FIRST 6'-0" OF NORTH END OF WALK ONLY
A/205 SIM.
VEHICLE LOADED CONCRETE APRON: 6" THICK CONCRETE WITH #4 REBAR 18" O.C. EACH WAY, 12" THICKENED EDGES WITH CONTINUOUS #4 BAR; SEE GRADING PLAN FOR SLOPES
NEW BUILDING ADDITION
LINN BENTON COMMUNITY COLLEGE ADDITION
EXISTING AUDITORIUM
EXISTING SWIMMING POOL
EXISTING CLASSROOMS
EXISTING CLASSROOMS
EXISTING ACTIVITY GYM
EXISTING WOOD SHOP
SAW CUT EXISTING ASPHALT PAVING EDGE; CLEAN EDGE AND APPLY TACK COAT PRIOR TO INSTALLATION OF NEW PAVING AT ELEVATIONS TO MATCH EXISTING
EXTENT OF PHASE I CONSTRUCTION
PHASE I: GYMNASIUM BUILDING
GYMNASIUM BUILDING AND ASSOCIATED SITE WORK COMPLETE UNDER SEPARATE CONTRACT BY JUNE 30, 2003.
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING ART/DRAFTING BUILDING
EXISTING AUTO MECHANICS BUILDING
EXISTING MODULAR BUILDING
EXISTING METAL SHOP BUILDING
EXISTING FORESTRY BUILDING
50'-0"
18TH AVENUE
EXTENTS OF PHASE I WORK
SAW CUT EXISTING ASPHALT PAVING EDGE; CLEAN EDGE AND APPLY TACK COAT PRIOR TO INSTALLATION OF NEW PAVING AT ELEVATIONS TO MATCH EXISTING
CONCRETE CURB TO EXTEND FROM END OF PHASE I CURB AROUND TO FRONT OF PARKING
A/222
B/202
SWALE GUTTER CONTINUOUS ALONG SOUTH EDGE OF NEW PAVING
B/206 TYP.
B/201 TYP.
SAW CUT EXISTING ASPHALT PAVING EDGE; CLEAN EDGE AND APPLY TACK COAT PRIOR TO INSTALLATION OF NEW PAVING AT ELEVATIONS TO MATCH EXISTING, TYPICAL
EXCAVATE AND PROVIDE 12" DEEP GRAVEL OVER FILTER FABRIC AT NEW PARKING
NORTH

SITE PAVING PLAN

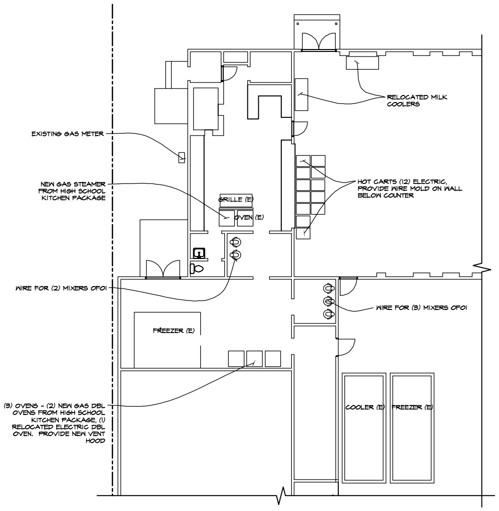
1/A1.6 SCALE: 1" = 40'-0"

GENERAL PAVING NOTES:

1. PATCH OR REPLACE CONCRETE AND PAVING SYSTEMS DAMAGED DURING DEMOLITION OR EXCAVATION FOR INSTALLATION OF ADJACENT NEW WORK.
2. VERIFY REQUIREMENTS FOR WORK TO BE COMPLETED IN THE PUBLIC WAY WITH CITY OF SWEET HOME PUBLIC WORKS DEPARTMENT.
3. PROTECT ALL EXISTING CONCRETE AND PAVING SYSTEMS TO REMAIN. CONTRACTOR SHALL DOCUMENT EXISTING CONDITIONS WHERE DAMAGE HAS OCCURRED PRIOR TO START OF CONSTRUCTION.

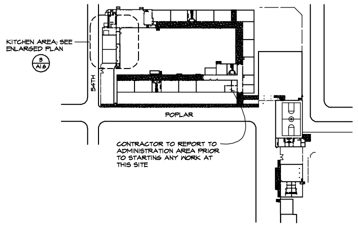
PAVING LEGEND:

▨	HEAVY TRAFFIC ASPHALT SECTION: (1) 2" LIFT CALSS "C" AC PAVEMENT OVER (1) 2" LIFT CLASS "B" AC PAVEMENT OVER 3" - 3/4"-0 CRUSHED ROCK OVER 9" - 1-1/2"-0 CRUSHED ROCK BASE OVER GEOTEXTILE OVER PROOF ROLLED SUBGRADE
▨	LIGHT TRAFFIC ASPHALT SECTION: (1) 2" LIFT CALSS "C" AC PAVEMENT OVER 2" - 3/4"-0 CRUSHED ROCK OVER 6" - 1-1/2"-0 CRUSHED ROCK BASE OVER GEOTEXTILE OVER PROOF ROLLED SUBGRADE
☰	GRAVEL PAD CONSTRUCTED UNDER PREVIOUS CONTRACT: TYPICAL PAD SECTION: 12" - 3"-0 CREUSHED ROCK OVER GEOTEXTILE IN PAVED AREAS WITH EXISTING GRAVEL PAD, RETAIN PAD AND PROVIDE CRUSHED ROCK DEPTH AS REQUIRED TO ACHIEVE GRADES
▩	12" - 1-1/2"-0 CRUSHED ROCK OVER GEOTEXTILE


RELOCATED MILK COOLERS
EXISTING GAS METER
HOT CARTS (12) ELECTRIC, PROVIDE WIRE MOLD ON WALL BELOW COUNTER
NEW GAS STEAMER FROM HIGH SCHOOL KITCHEN PACKAGE
GRILLE (E)
OVEN (E)
WIRE FOR (2) MIXERS OFOI
WIRE FOR (3) MIXERS OFOI
FREEZER (E)
(3) OVENS - (2) NEW GAS DBL OVENS FROM HIGH SCHOOL KITCHEN PACKAGE, (1) RELOCATED ELECTRIC DBL OVEN. PROVIDE NEW VENT HOOD
COOLER (E)
FREEZER (E)

FOSTER ELEMENTARY - ENLARGED PLAN AT KITCHEN

3/A1.6 SCALE: 1/8" = 1'-0"


KITCHEN AREA; SEE ENLARGED PLAN
3/A1.6
54TH
POPLAR
CONTRACTOR TO REPORT TO ADMINISTRATION AREA PRIOR TO STARTING ANY WORK AT THIS SITE

FOSTER ELEMENTARY SCHOOL SITE PLAN

2/A1.6 SCALE: 1" = 100'-0"

NORTH

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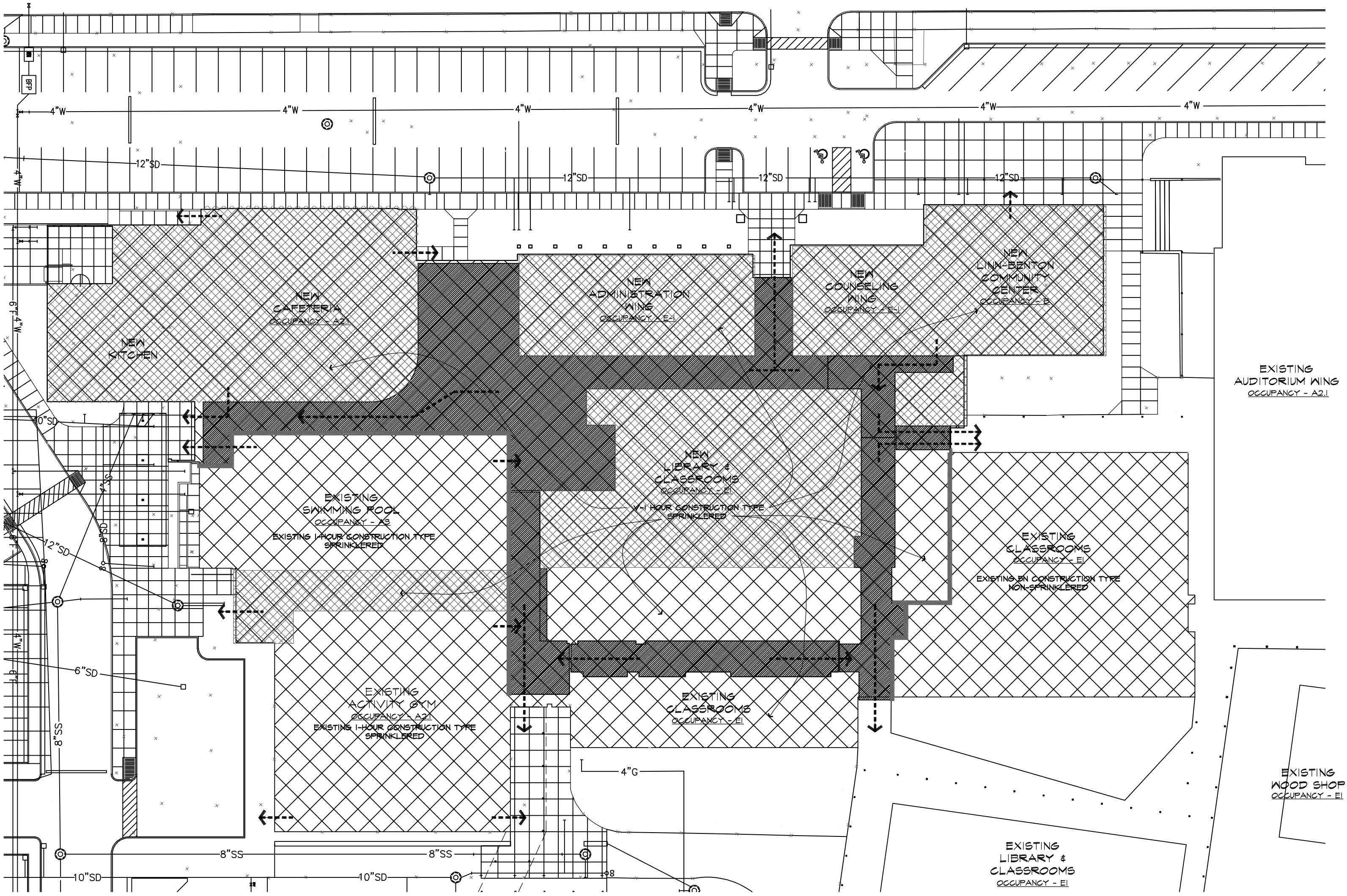
SITE PAVING PLAN
FOSTER SITE PLAN

PROJECT NUMBER 01023
DATE 4-4-03

A1.6



1/A2.0 FIRE AND LIFE SAFETY DIAGRAM
SCALE: 1/16" = 1'-0"

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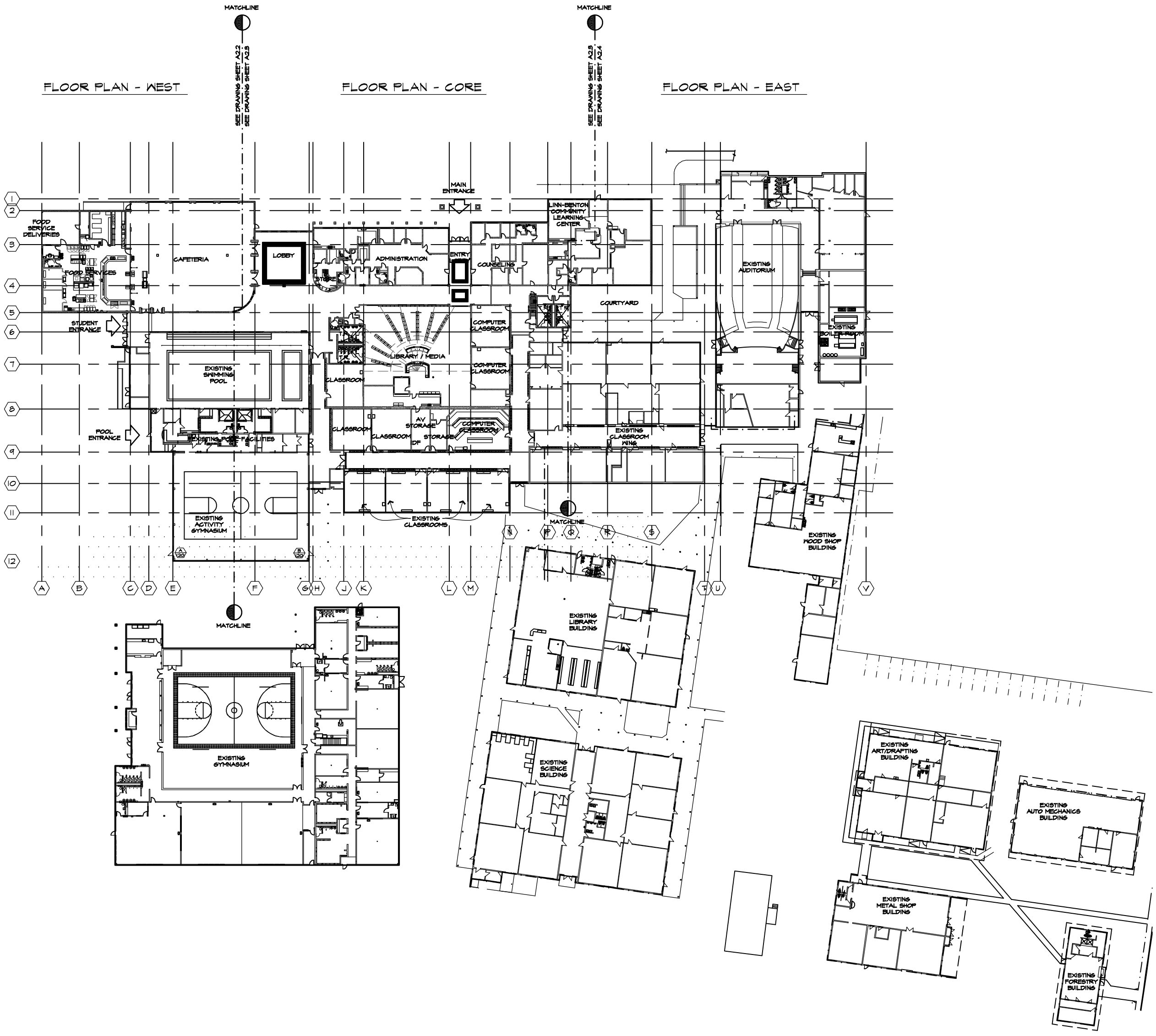
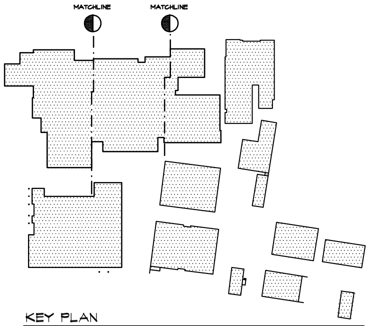
FIRE AND LIFE
SAFETY DIAGRAMS

PROJECT NUMBER 01023
DATE 4-4-03

A2.0



A
A2.1
OVERALL FLOOR PLAN
SCALE: 1" = 30'-0"



KEY PLAN
NO SCALE

NORTH

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KEY FLOOR PLAN

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A2.1

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FLOOR PLAN - WEST

PROJECT NUMBER	DATE
01023	4-4-03

A2.2

GENERAL NOTES:

1. ALL NEW CONSTRUCTION IS TO BE IN COMPLIANCE WITH ONE HOUR FIRE RATED CONSTRUCTION. ALL WALL ASSEMBLIES, FLOOR AND ROOF ASSEMBLIES ARE TO BE IN COMPLIANCE WITH FIRE RATED CONSTRUCTION REQUIREMENTS. ALL BEAMS, COLUMNS AND CONNECTORS ARE TO BE FURRED AND WRAPPED AS NECESSARY. FOR EXAMPLES OF COL. AND CONNECTOR WRAPS SEE A/909 AND A/928
2. ALL DIMENSIONS ARE TO FACE OF STUD, CENTERLINE OF COLUMN, OR FACE OF CMU UNLESS NOTED OTHERWISE. WHERE STUD WALLS ALIGN WITH CMU WALLS, DIMENSIONS ARE TO FACE OF CMU ONLY, AND STUD WALLS ARE TO BE OFFSET TO ADDRESS FINISHES. SEE B/904
3. INTERIOR DOOR AND WINDOW DIMENSIONS AT STUD WALLS ARE TO CENTERLINES. DOOR AND WINDOW DIMENSIONS AT MASONRY WALLS ARE TO FACE OF MASONRY. SERIES OF WINDOWS ARE DIMENSIONED TO CENTERLINE OF FIRST WINDOW, THEN ASSUMED A TRIPLE STUD BETWEEN SUCCEEDING WINDOWS, U.N.O.. DIMENSION FROM FACE OF STUD TO FACE OF DOOR JAMB IS ASSUMED TO BE A TRIPLE STUD, U.N.O.
4. ALL WALLS ARE TO BE FULL HEIGHT UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLANS FOR LOCATION OF SOUND WALLS AND WALLS WHICH TERMINATE AT 3" ABOVE CEILING HEIGHT. WALL FURRING ON CONCRETE AND CMU WALLS MAY TERMINATE AT 3" ABOVE FINISH CEILING.
5. THIS CONTRACT INCLUDES SETTING UP A TEMPORARY KITCHEN AT FOSTER ELEMENTARY SCHOOL WITH SOME OF THE NEW KITCHEN EQUIPMENT SPECIFIED. SEE SITE PLAN ON SHEET A1.6, STAGING PLAN, AND ASSOCIATED DETAILS FOR INFORMATION.

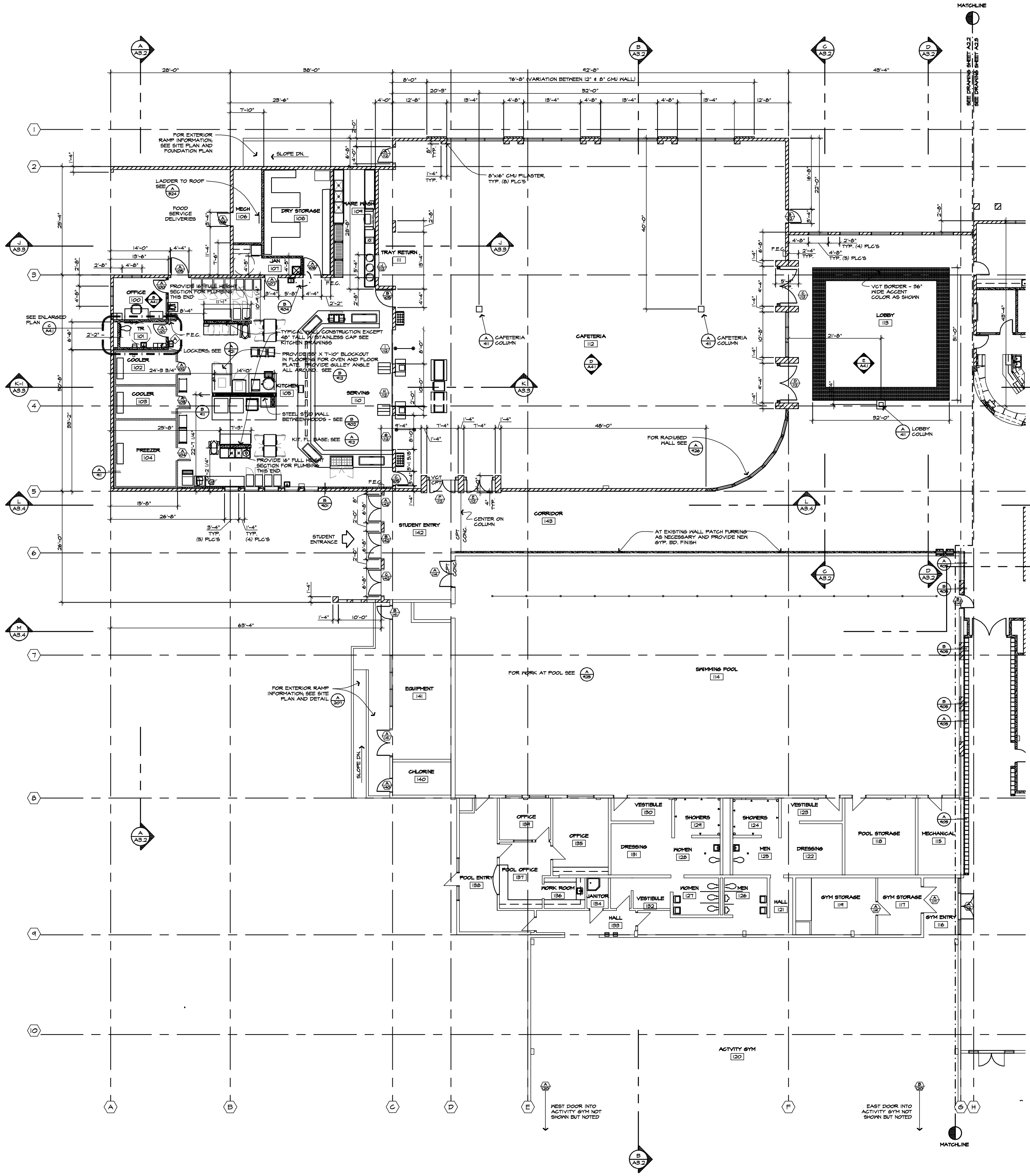
LEGEND

- EXISTING WALL TO REMAIN
- 8" CMU - SEE STRUCTURAL
- TYPICAL INTERIOR 2X6 AT 16" O.C. - SEE DETAIL A/901 UNLESS NOTED OTHERWISE
- 6" METAL STUD WALL, SEE DETAIL B/902
- CMU WALL WITH WOOD FURRING, SEE DETAIL B/901
- NEW WOOD FURRING OVER EXISTING CONDITION, VARIES
- EXISTING 2-HR AREA SEPARATION WALL
- A/122 NEW DOOR & DOOR NUMBER (SEE DOOR SCHEDULE)
- A/28 EXISTING DOOR & DOOR NUMBER (SEE DOOR SCHEDULE)
- TV/VCR SUPPORT BRACKET SEE DETAIL A/924
- F.E.C. FIRE EXTINGUISHER CABINET, VERIFY LOCATION WITH FIRE MARSHAL PRIOR TO INSTALLATION
- 5 ROOM IDENTIFICATION SIGN, SEE SIGN SCHEDULE
- HOLLOW METAL RELITE TYPE (U.N.O.), SEE INTERIOR ELEVATIONS
- TYPICAL LOCKERS WITH END WALLS AND RAISED BASES, SEE DETAILS A/918 A/919 A/920

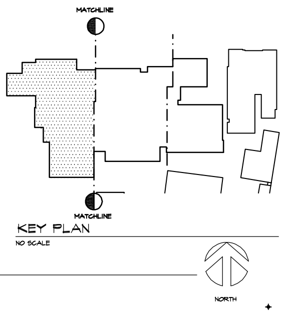
NOTE

SEE REFLECTED CEILING PLAN FOR SOUND WALL LOCATIONS

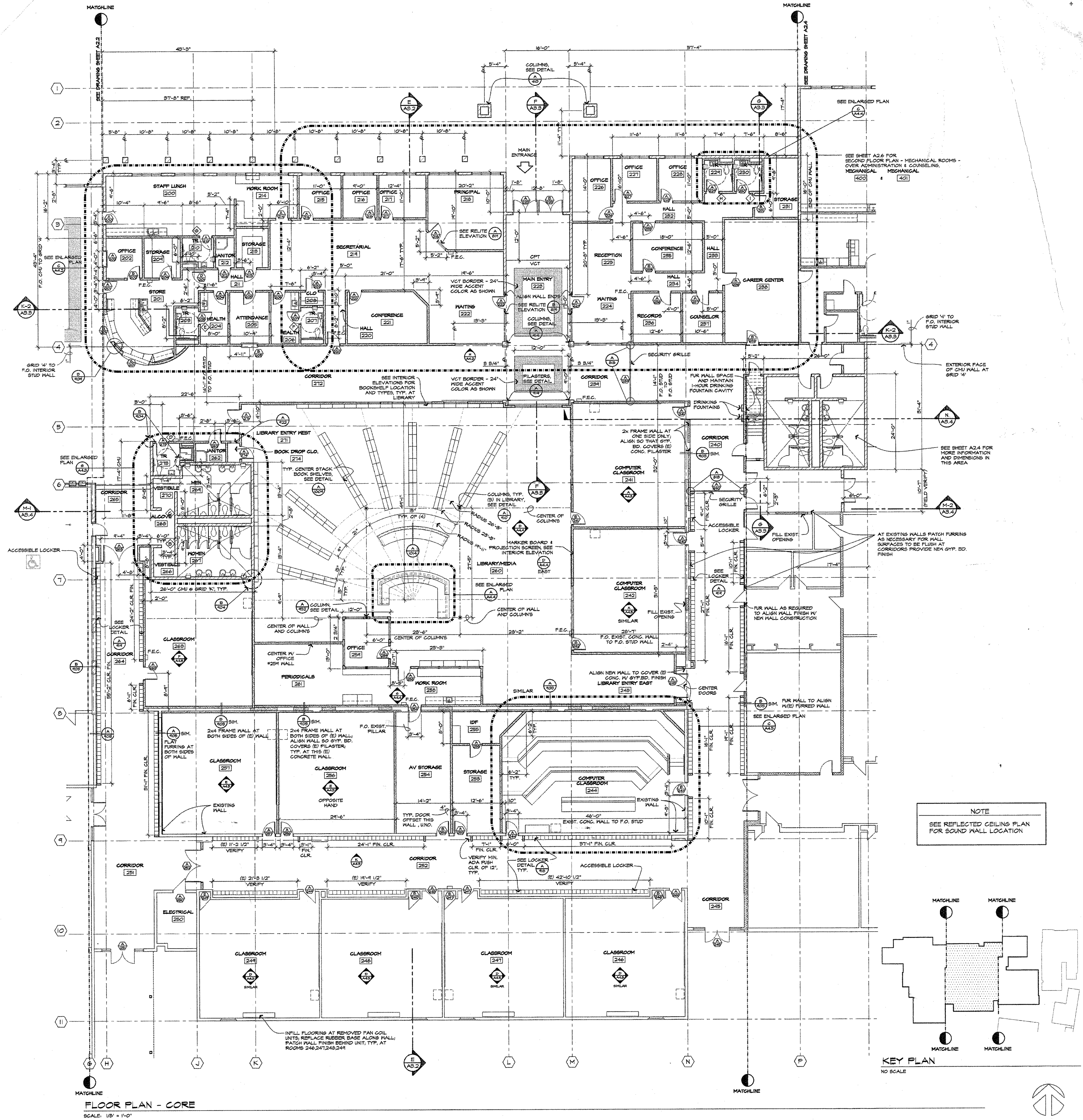
ALL WALLS EXTEND TO ROOF STRUCTURE EXCEPT AS NOTED ON REFLECTED CEILING PLANS AND OTHER DRAWINGS



FLOOR PLAN - WEST
SCALE: 1/8" = 1'-0"



KEY PLAN
NO SCALE



FLOOR PLAN - CORE

SCALE: 1/8" = 1'-0"

KEY PLAN

NO SCALE

NOTE

SEE REFLECTED CEILING PLAN FOR SOUND WALL LOCATION

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REGISTERED ARCHITECT
STATE OF OREGON

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FLOOR PLAN - CORE

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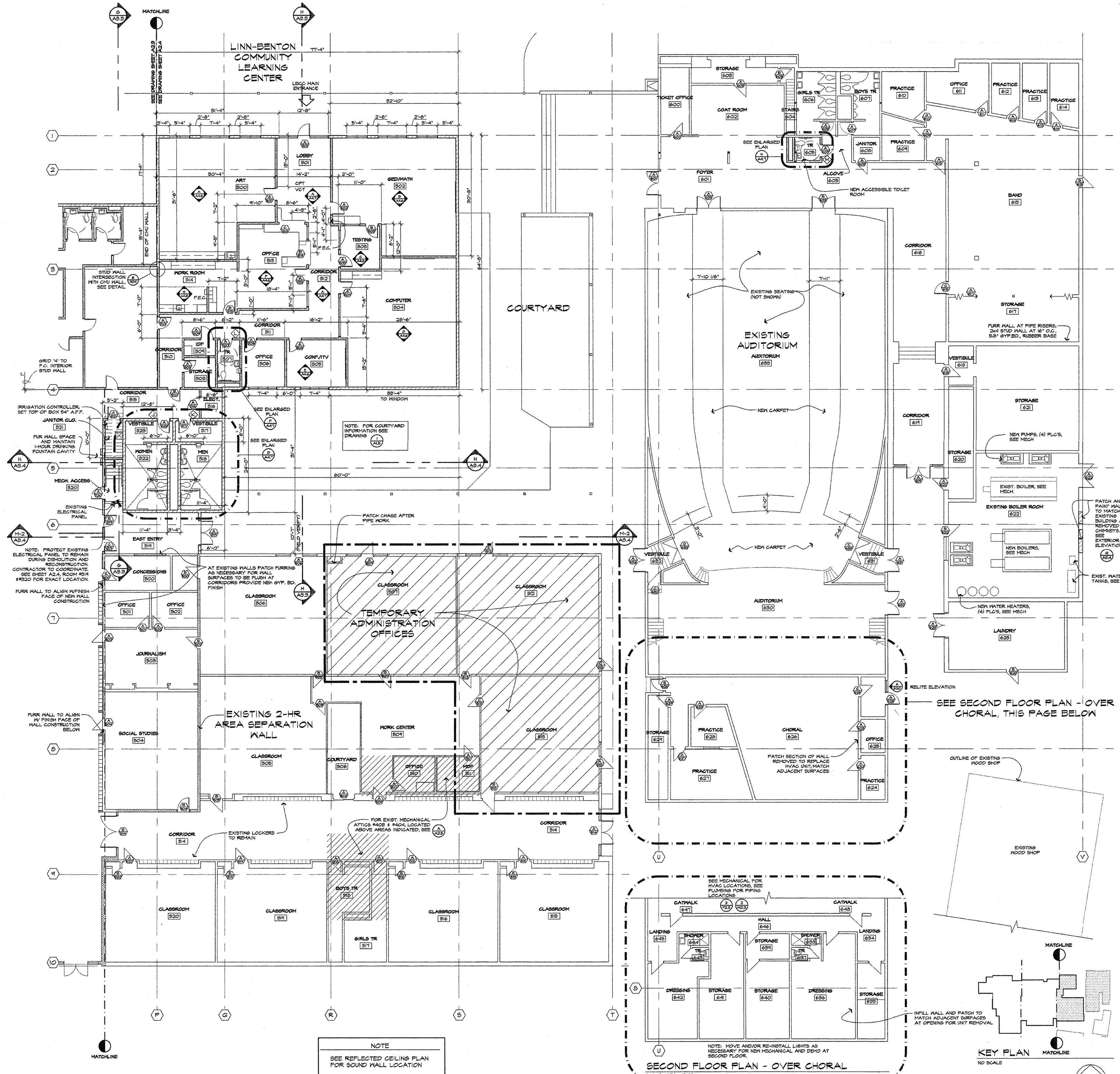
A2.3


MATCHLINE
SEE DRAWING SHEET A2.3
SEE DRAWING SHEET A2.4
LINN-BENTON COMMUNITY LEARNING CENTER
LBCC MAIN ENTRANCE
77'-4"
32'-10"
31'-4"
12'-8"
LOBBY 301
ART 300
GED/MATH 302
CPT
VCT
OFFICE 313
TESTING 303
F.E.C.
END OF CMU WALL
STUD WALL INTERSECTION WITH CMU WALL, SEE DETAIL
WORK ROOM 314
CORRIDOR 312
COMPUTER 304
CORRIDOR 311
CORRIDOR 310
IDF 309
TR 307
STORAGE 308
OFFICE 306
CONF./ITV 305
GRID '4' TO F.C. INTERIOR STUD WALL
CORRIDOR 315
ELECT. 316
33'-4" TO WINDOW
SEE ENLARGED PLAN
NOTE: FOR COURTYARD INFORMATION SEE DRAWING
IRRIGATION CONTROLLER; SET TOP OF BOX 54" A.F.F.
JANITOR CLO. 321
FUR WALL SPACE AND MAINTAIN 1-HOUR DRINKING FOUNTAIN CAVITY
VESTIBULE 323
VESTIBULE 317
WOMEN 322
MEN 318
MECH. ACCESS 320
EXISTING ELECTRICAL PANEL
EAST ENTRY 319
60'-0"
10'-7" (FIELD VERIFY)
PATCH CHASE AFTER PIPE WORK
NOTE: PROTECT EXISTING ELECTRICAL PANEL TO REMAIN DURING DEMOLITION AND RECONSTRUCTION. CONTRACTOR TO COORDINATE. SEE SHEET A2.4, ROOM #319 & #320 FOR EXACT LOCATION.
CONCESSIONS 500
AT EXISTING WALLS PATCH FURRING AS NECESSARY FOR WALL SURFACES TO BE FLUSH AT CORRIDORS PROVIDE NEW GYP. BD. FINISH
FURR WALL TO ALIGN W/FINISH FACE OF NEW WALL CONSTRUCTION
OFFICE 501
OFFICE 502
CLASSROOM 506
CLASSROOM 507
TEMPORARY ADMINISTRATION OFFICES
CLASSROOM 512
JOURNALISM 503
EXISTING 2-HR AREA SEPARATION WALL
FURR WALL TO ALIGN W/ FINISH FACE OF WALL CONSTRUCTION BELOW
SOCIAL STUDIES 504
CLASSROOM 505
COURTYARD 508
WORK CENTER 509
OFFICE 510
MDF 511
CLASSROOM 513
CORRIDOR 514
EXISTING LOCKERS TO REMAIN
FOR EXIST. MECHANICAL ATTICS #403 & #404, LOCATED ABOVE AREAS INDICATED, SEE A A2.5
CLASSROOM 520
CLASSROOM 519
BOYS TR 518
GIRLS TR 517
CLASSROOM 516
CLASSROOM 515
COURTYARD
STORAGE 603
TICKET OFFICE 600
COAT ROOM 602
STAIRS 604
GIRLS TR 606
BOYS TR 607
PRACTICE 610
OFFICE 611
PRACTICE 612
PRACTICE 613
PRACTICE 614
SEE ENLARGED PLAN
TR 605
JANITOR 608
PRACTICE 609
FOYER 601
ALCOVE 605
NEW ACCESSIBLE TOILET ROOM
BAND 615
CORRIDOR 616
7'-10 1/8"
7'-11"
EXISTING SEATING (NOT SHOWN)
EXISTING AUDITORIUM
AUDITORIUM 633
NEW CARPET
STORAGE 617
FURR WALL AT PIPE RISERS; 2x4 STUD WALL AT 16" O.C., 5/8" GYP.BD., RUBBER BASE
VESTIBULE 618
CORRIDOR 619
STORAGE 621
NEW PUMPS, (4) PLC'S, SEE MECH
STORAGE 620
EXIST. BOILER, SEE MECH.
EXSTING BOILER ROOM 622
PATCH AND PAINT WALLS TO MATCH EXISTING BUILDING AT REMOVED CHIMNEYS. SEE EXTERIOR ELEVATION.
NEW BOILERS, SEE MECH
EXIST. WATER TANKS, SEE MECH
NEW WATER HEATERS, (4) PLC'S, SEE MECH
LAUNDRY 623
VESTIBULE 632
VESTIBULE 631
AUDITORIUM 630
RELITE ELEVATION
SEE SECOND FLOOR PLAN - OVER CHORAL, THIS PAGE BELOW
STORAGE 629
PRACTICE 628
CHORAL 626
OFFICE 625
PATCH SECTION OF WALL REMOVED TO REPLACE HVAC UNIT; MATCH ADJACENT SURFACES
PRACTICE 627
PRACTICE 624
OUTLINE OF EXISTING WOOD SHOP
EXISTING WOOD SHOP
SEE MECHANICAL FOR HVAC LOCATIONS, SEE PLUMBING FOR PIPING LOCATIONS
CATWALK 647
CATWALK 648
HALL 646
LANDING 645
SHOWER 644
TR 643
STORAGE 639
SHOWER 633
TR 637
LANDING 634
DRESSING 642
STORAGE 641
STORAGE 640
DRESSING 636
STORAGE 635
INFILL WALL AND PATCH TO MATCH ADJACENT SURFACES AT OPENING FOR UNIT REMOVAL
NOTE: MOVE AND/OR RE-INSTALL LIGHTS AS NECESSARY FOR NEW MECHANICAL AND DEMO AT SECOND FLOOR.
MATCHLINE
NORTH
1
2
3
4
5
6
7
8
9
10
P
Q
R
S
T
U
V

NOTE

SEE REFLECTED CEILING PLAN FOR SOUND WALL LOCATION

FLOOR PLAN - EAST
SCALE: 1/8" = 1'-0"

SECOND FLOOR PLAN - OVER CHORAL
SCALE: 1/8" = 1'-0"

KEY PLAN
NO SCALE

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STATE OF OREGON

CONSULTANTS

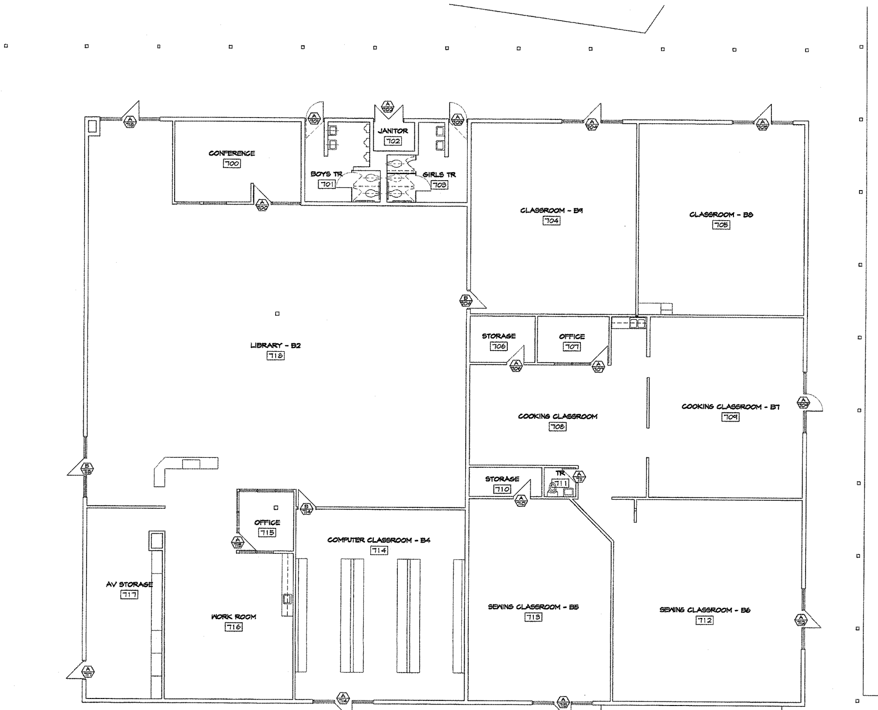
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

FLOOR PLAN - EAST

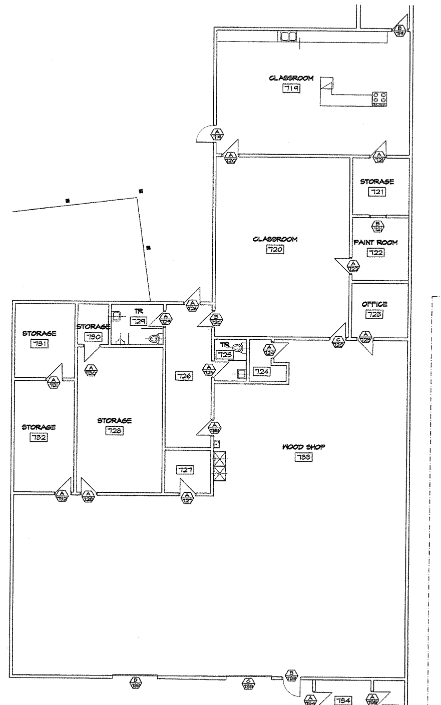
PROJECT NUMBER 01023
DATE 4-4-03

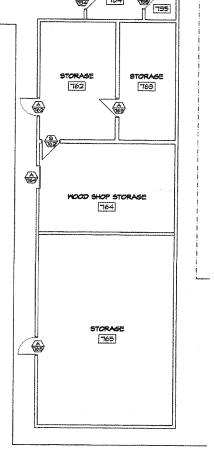
A2.4



EXISTING LIBRARY BUILDING

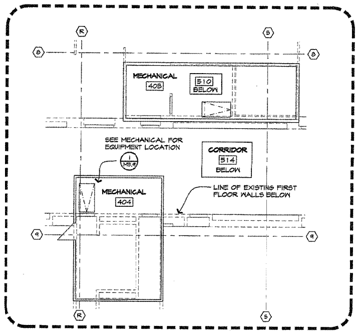
SCALE: 1/8" = 1'-0"





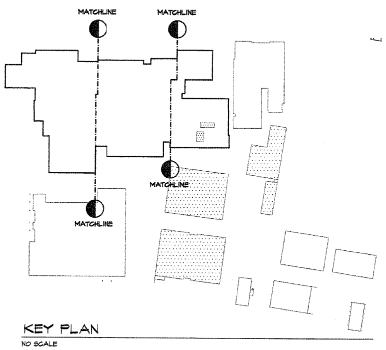
EXISTING WOODSHOP BUILDING

SCALE: 1/8" = 1'-0"


MECHANICAL 403
510 BELOW
SEE MECHANICAL FOR EQUIPMENT LOCATION
1 M3.9
CORRIDOR 514 BELOW
MECHANICAL 404
LINE OF EXISTING FIRST FLOOR WALLS BELOW
R
S
8
9

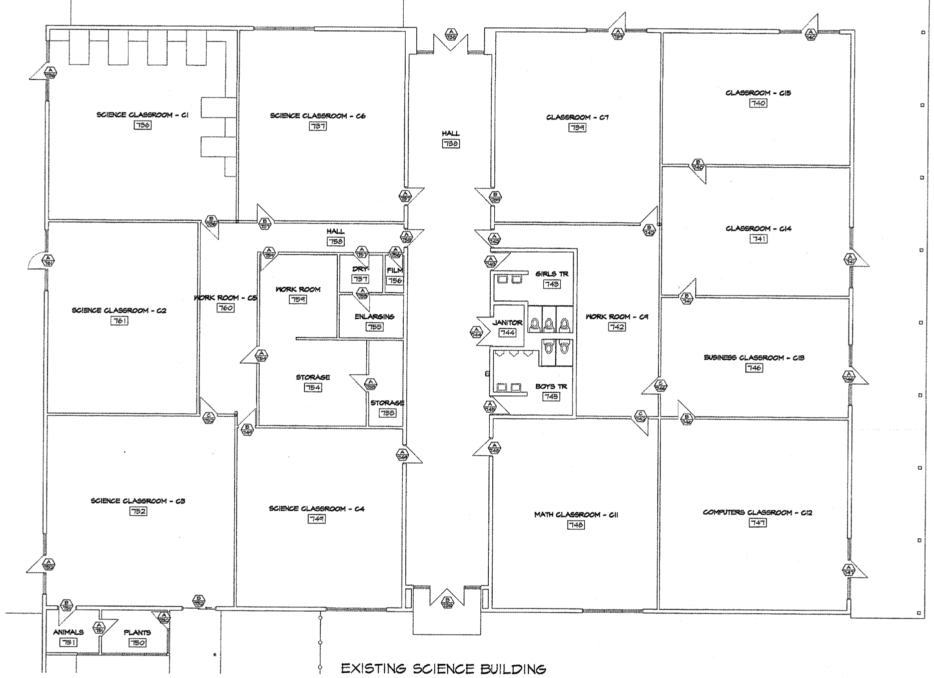
A/A2.5 EXISTING MECHANICAL ATTICS

SCALE: 1/8" = 1'-0"



KEY PLAN

NO SCALE



EXISTING SCIENCE BUILDING

SCALE: 1/8" = 1'-0"

EXISTING ANCILLARY BUILDINGS - FLOOR PLANS

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BOND 2001
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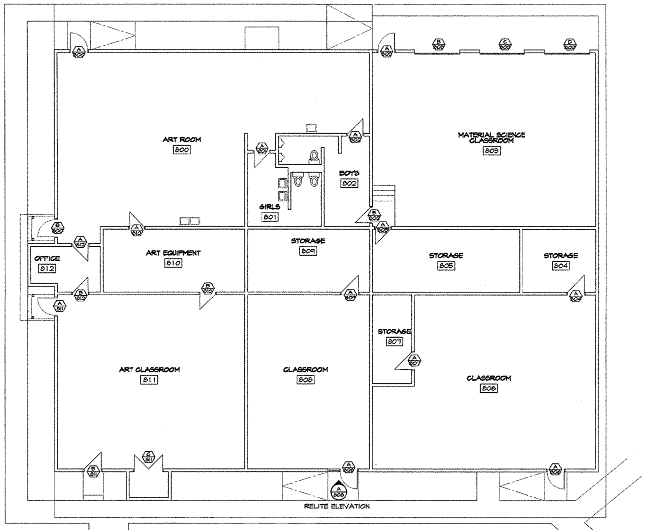
EXISTING ANCILLARY
FLOOR PLANS
EXIST. MECH. ATTICS

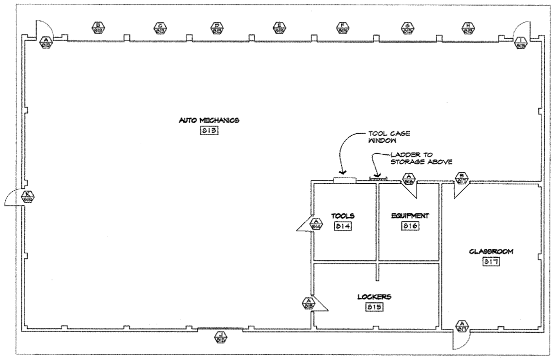
PROJECT NUMBER	DATE
01023	4-4-03

A2.5



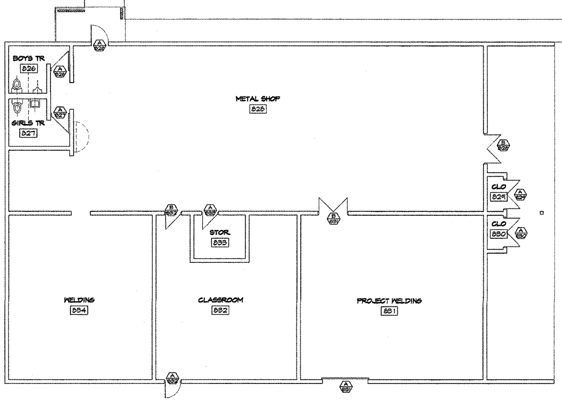
EXISTING ART/DRAFTING BUILDING

SCALE: 1/8" = 1'-0"



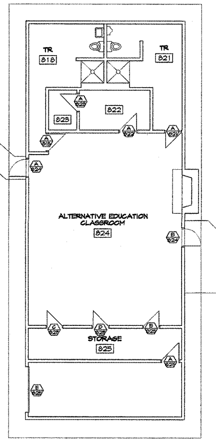
EXISTING AUTO MECHANIC BUILDING

SCALE: 1/8" = 1'-0"



EXISTING METAL SHOP BUILDING

SCALE: 1/8" = 1'-0"

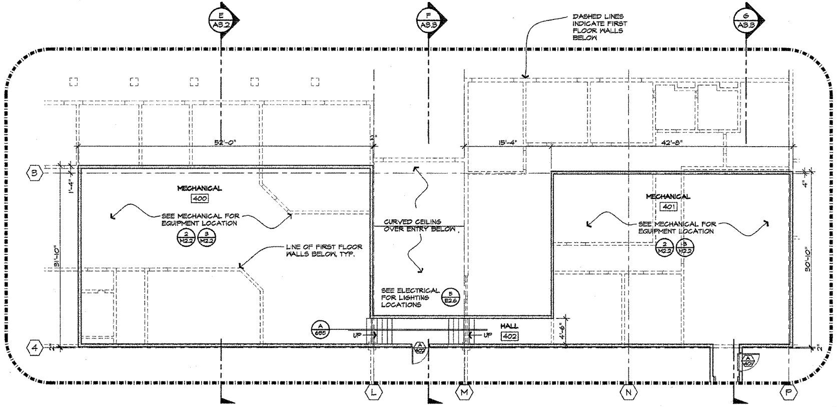


EXISTING ALTERNATIVE EDUCATION BUILDING

SCALE: 1/8" = 1'-0"

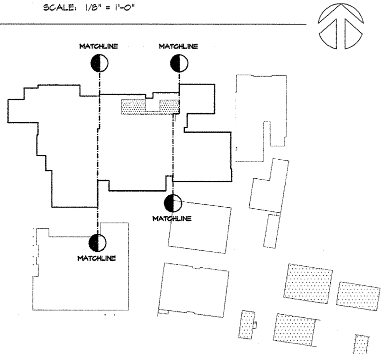
EXISTING ANCILLARY BUILDINGS - FLOOR PLANS

SCALE: 1/8" = 1'-0"


E
A3.2
F
A3.3
G
A3.3
DASHED LINES INDICATE FIRST FLOOR WALLS BELOW
52'-0"
15'-4"
42'-8"
MECHANICAL
400
SEE MECHANICAL FOR EQUIPMENT LOCATION
LINE OF FIRST FLOOR WALLS BELOW, TYP.
CURVED CEILING OVER ENTRY BELOW
SEE ELECTRICAL FOR LIGHTING LOCATIONS
MECHANICAL
401
SEE MECHANICAL FOR EQUIPMENT LOCATION
HALL
402
UP
UP
31'-10"
30'-10"
1'-4"
4'-6"
3
4
L
M
N
P

SECOND FLOOR PLAN - MECHANICAL ROOMS - OVER ADMINISTRATION & COUNSELING

SCALE: 1/8" = 1'-0"



KEY PLAN

NO SCALE

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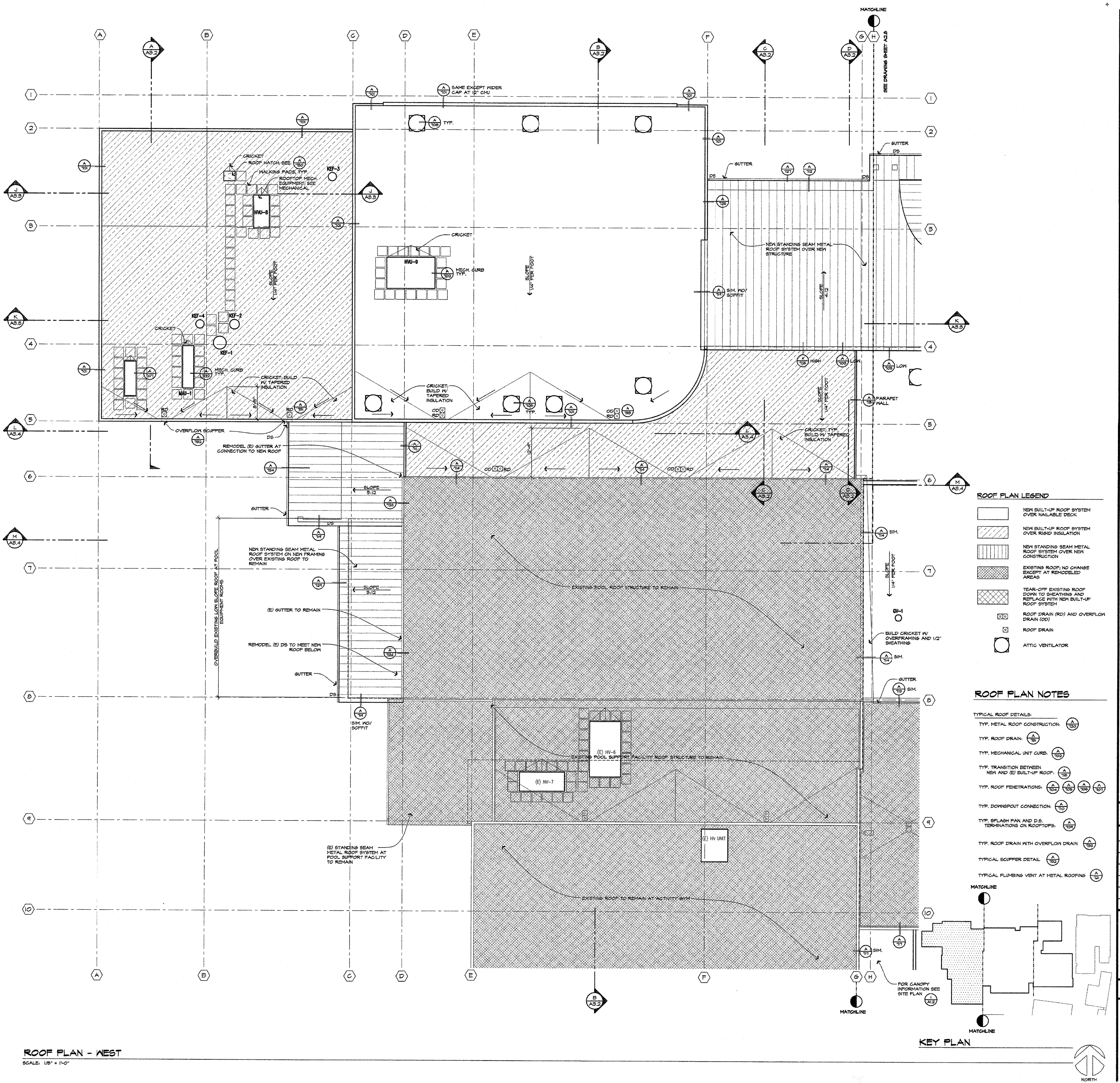
EXISTING ANCILLARY FLOOR PLANS

PROJECT NUMBER	DATE
01023	4-4-03

A2.6



A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9
10
A/A3.2
B/A3.2
C/A3.2
D/A3.2
J/A3.3
K/A3.3
L/A3.4
M/A3.4
MATCHLINE
SEE DRAWING SHEET A2.8
SAME EXCEPT WIDER CAP AT 12" CMU
CRICKET
ROOF HATCH; SEE A/730
WALKING PADS, TYP.
ROOFTOP MECH. EQUIPMENT; SEE MECHANICAL
KEF-3
HVU-8
HVU-9
MECH. CURB TYP.
SLOPE 1/4" PER FOOT
KEF-4
KEF-2
KEF-1
MAU-1
CRICKET; BUILD W/ TAPERED INSULATION
RD
OD
OVERFLOW SCUPPER
DS
REMODEL (E) GUTTER AT CONNECTION TO NEW ROOF
SLOPE 3:12
GUTTER
TYP.
NEW STANDING SEAM METAL ROOF SYSTEM OVER NEW STRUCTURE
SIM. W/O SOFFIT
SLOPE 4:12
HIGH
LOW
PARAPET WALL
CRICKET, TYP. BUILD W/ TAPERED INSULATION
12'-4"
8'-5"
NEW STANDING SEAM METAL ROOF SYSTEM ON NEW FRAMING OVER EXISTING ROOF TO REMAIN
OVERBUILD EXISTING LOW SLOPE ROOF AT POOL EQUIPMENT ROOMS
(E) GUTTER TO REMAIN
REMODEL (E) DS TO MEET NEW ROOF BELOW
EXISTING POOL ROOF STRUCTURE TO REMAIN
GV-1
BUILD CRICKET W/ OVERFRAMING AND 1/2" SHEATHING
SIM.
(E) HV-6
(E) HV-7
EXISTING POOL SUPPORT FACILITY ROOF STRUCTURE TO REMAIN
(E) STANDING SEAM METAL ROOF SYSTEM AT POOL SUPPORT FACILITY TO REMAIN
(E) HV UNIT
EXISTING ROOF TO REMAIN AT ACTIVITY GYM
FOR CANOPY INFORMATION SEE SITE PLAN 1/A1.2
NORTH

ROOF PLAN - WEST
SCALE: 1/8" = 1'-0"

KEY PLAN

ROOF PLAN LEGEND

☐	NEW BUILT-UP ROOF SYSTEM OVER NAILABLE DECK
▨	NEW BUILT-UP ROOF SYSTEM OVER RIGID INSULATION
▥	NEW STANDING SEAM METAL ROOF SYSTEM OVER NEW CONSTRUCTION
▩	EXISTING ROOF; NO CHANGE EXCEPT AT REMODELED AREAS
▦	TEAR-OFF EXISTING ROOF DOWN TO SHEATHING AND REPLACE WITH NEW BUILT-UP ROOF SYSTEM
⊡⊡	ROOF DRAIN (RD) AND OVERFLOW DRAIN (OD)
⊡	ROOF DRAIN
○	ATTIC VENTILATOR

ROOF PLAN NOTES

TYPICAL ROOF DETAILS:

TYP. METAL ROOF CONSTRUCTION:	A/720
TYP. ROOF DRAIN:	A/731
TYP. MECHANICAL UNIT CURB:	A/702
TYP. TRANSITION BETWEEN NEW AND (E) BUILT-UP ROOF:	A/718
TYP. ROOF PENETRATIONS:	A/704 A/705 A/706 A/707
TYP. DOWNSPOUT CONNECTION:	A/710
TYP. SPLASH PAN AND D.S. TERMINATIONS ON ROOFTOPS:	A/709
TYP. ROOF DRAIN WITH OVERFLOW DRAIN	A/733
TYPICAL SCUPPER DETAIL	A/732
TYPICAL PLUMBING VENT AT METAL ROOFING	A/721

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BOND 2001
HIGH SCHOOL RECONSTRUCTION

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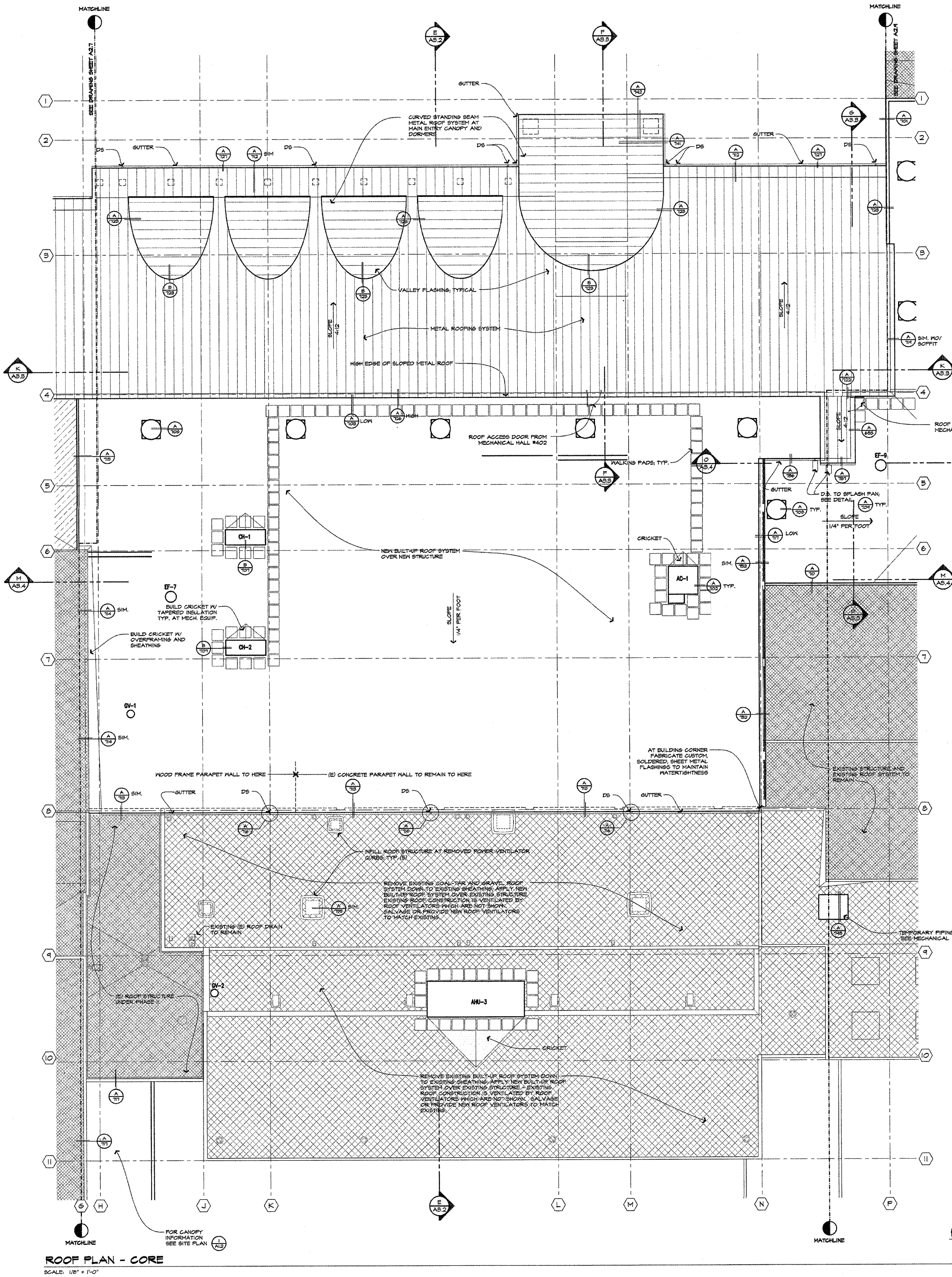
ROOF PLAN - WEST

PROJECT NUMBER	DATE
01023	4-4-03

A2.7


MATCHLINE
SEE DRAWING SHEET A2.7
SEE DRAWING SHEET A2.9
GUTTER
CURVED STANDING SEAM METAL ROOF SYSTEM AT MAIN ENTRY CANOPY AND DORMERS
DS
SIM
VALLEY FLASHING, TYPICAL
METAL ROOFING SYSTEM
SLOPE 4:12
HIGH EDGE OF SLOPED METAL ROOF
SIM. W/O SOFFIT
ROOF ACCESS FROM MECHANICAL ROOM #401
ROOF ACCESS DOOR FROM MECHANICAL HALL #402
LOW
HIGH
WALKING PADS, TYP.
EF-9
GUTTER
D.S. TO SPLASH PAN; SEE DETAIL
TYP.
SLOPE 1/4" PER FOOT
CRICKET
OH-1
AC-1
NEW BUILT-UP ROOF SYSTEM OVER NEW STRUCTURE
EF-7
BUILD CRICKET W/ TAPERED INSULATION TYP. AT MECH. EQUIP.
BUILD CRICKET W/ OVERFRAMING AND SHEATHING
OH-2
GV-1
AT BUILDING CORNER FABRICATE CUSTOM, SOLDERED, SHEET METAL FLASHINGS TO MAINTAIN WATERTIGHTNESS
EXISTING STRUCTURE AND EXISTING ROOF SYSTEM TO REMAIN
WOOD FRAME PARAPET WALL TO HERE
(E) CONCRETE PARAPET WALL TO REMAIN TO HERE
INFILL ROOF STRUCTURE AT REMOVED POWER VENTILATOR CURBS; TYP. (5)
REMOVE EXISTING COAL-TAR AND GRAVEL ROOF SYSTEM DOWN TO EXISTING SHEATHING; APPLY NEW BUILT-UP ROOF SYSTEM OVER EXISTING STRUCTURE. EXISTING ROOF CONSTRUCTION IS VENTILATED BY ROOF VENTILATORS WHICH ARE NOT SHOWN. SALVAGE OR PROVIDE NEW ROOF VENTILATORS TO MATCH EXISTING.
EXISTING (E) ROOF DRAIN TO REMAIN
TEMPORARY PIPING CHASE; SEE MECHANICAL
GV-2
(E) ROOF STRUCTURE UNDER PHASE I
AHU-3
CRICKET
REMOVE EXISTING BUILT-UP ROOF SYSTEM DOWN TO EXISTING SHEATHING; APPLY NEW BUILT-UP ROOF SYSTEM OVER EXISTING STRUCTURE - EXISTING ROOF CONSTRUCTION IS VENTILATED BY ROOF VENTILATORS WHICH ARE NOT SHOWN. SALVAGE OR PROVIDE NEW ROOF VENTILATORS TO MATCH EXISTING.
FOR CANOPY INFORMATION SEE SITE PLAN
1
2
3
4
5
6
7
8
9
10
11
G
H
J
K
L
M
N
P
NORTH

ROOF PLAN - CORE

SCALE: 1/8" = 1'-0"

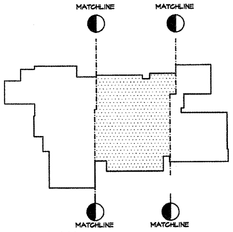
ROOF PLAN LEGEND

☐	NEW BUILT-UP ROOF SYSTEM OVER NAILABLE DECK
▨	NEW BUILT-UP ROOF SYSTEM OVER RIGID INSULATION
▥	NEW STANDING SEAM METAL ROOF SYSTEM OVER NEW CONSTRUCTION
▦	EXISTING ROOF; NO CHANGE EXCEPT AT REMODELED AREAS
▩	TEAR-OFF EXISTING ROOF DOWN TO SHEATHING AND REPLACE WITH NEW BUILT-UP ROOF SYSTEM
⊡⊡	ROOF DRAIN (RD) AND OVERFLOW DRAIN (OD)
⊡	ROOF DRAIN
○	ATTIC VENTILATOR

ROOF PLAN NOTES

TYPICAL ROOF DETAILS:

TYP. METAL ROOF CONSTRUCTION:	A/720
TYP. ROOF DRAIN:	A/731
TYP. MECHANICAL UNIT CURB:	A/702
TYP. TRANSITION BETWEEN NEW AND (E) BUILT-UP ROOF:	A/718
TYP. ROOF PENETRATIONS:	A/704, A/705, A/706, A/707
TYP. DOWNSPOUT CONNECTION:	A/710
TYP. SPLASH PAN AND D.S. TERMINATIONS ON ROOFTOPS:	A/709
TYP. ROOF DRAIN WITH OVERFLOW DRAIN	A/733
TYPICAL SCUPPER DETAIL	A/732



KEY PLAN

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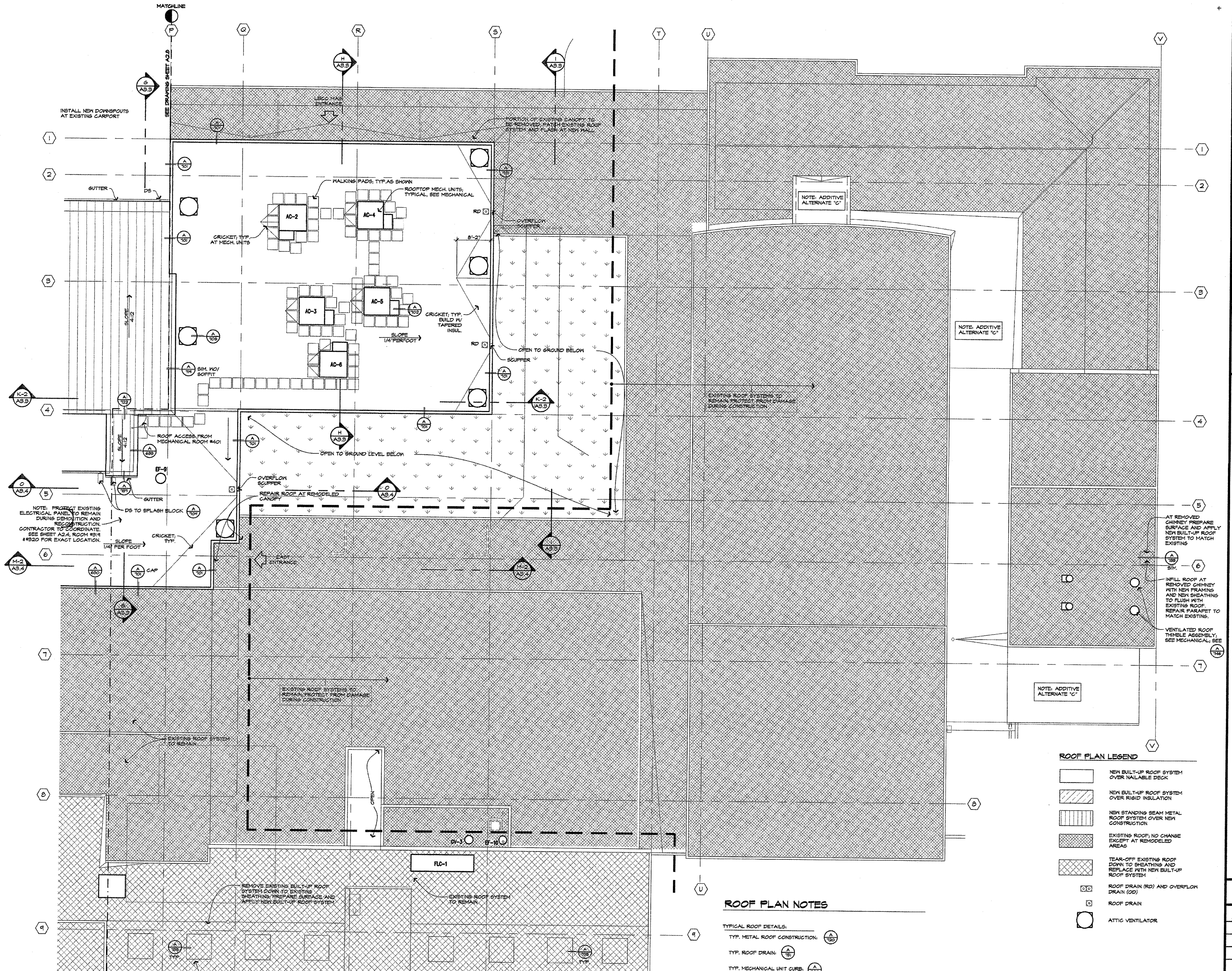
ROOF PLAN - CORE

PROJECT NUMBER 01023
DATE 4-4-03

A2.8


MATCHLINE
P
Q
R
S
T
U
V
G A3.3
H A3.3
I A3.3
SEE DRAWING SHEET A2.8
INSTALL NEW DOWNSPOUTS AT EXISTING CARPORT
LBCC MAIN ENTRANCE
A 701
PORTION OF EXISTING CANOPY TO BE REMOVED, PATCH EXISTING ROOF SYSTEM AND FLASH AT NEW WALL.
1
2
3
4
5
6
7
8
9
10
GUTTER
DS
WALKING PADS; TYP.AS SHOWN
ROOFTOP MECH. UNITS; TYPICAL, SEE MECHANICAL
AC-2
AC-3
AC-4
AC-5
AC-6
CRICKET; TYP. AT MECH. UNITS
RD
OVERFLOW SCUPPER
8'-2"
SLOPE 4:12
A 708
A 702
CRICKET; TYP. BUILD W/ TAPERED INSUL.
SLOPE 1/4" PER FOOT
OPEN TO GROUND BELOW
SCUPPER
A 719
SIM. W/O SOFFIT
K-2 A3.3
A 722
ROOF ACCESS FROM MECHANICAL ROOM #401
A 638
EF-9
OPEN TO GROUND LEVEL BELOW
O A3.4
A 737
GUTTER
DS TO SPLASH BLOCK
A 709
REPAIR ROOF AT REMODELED CANOPY
NOTE: PROTECT EXISTING ELECTRICAL PANEL TO REMAIN DURING DEMOLITION AND RECONSTRUCTION. CONTRACTOR TO COORDINATE. SEE SHEET A2.4, ROOM #319 & #320 FOR EXACT LOCATION.
SLOPE 1/4" PER FOOT
CRICKET; TYP.
EAST ENTRANCE
M-2 A3.4
A 630
CAP
G A3.3
EXISTING ROOF SYSTEMS TO REMAIN; PROTECT FROM DAMAGE DURING CONSTRUCTION
EXISTING ROOF SYSTEM TO REMAIN
OPEN
GV-3
EF-10
FLC-1
REMOVE EXISTING BUILT-UP ROOF SYSTEM DOWN TO EXISTING SHEATHING, PREPARE SURFACE AND APPLY NEW BUILT-UP ROOF SYSTEM
EXISTING ROOF SYSTEM TO REMAIN
A 735 TYP.
REMOVE ABANDONDED SKYLIGHT CURBS, INFILL WITH NEW FRAMING AND NEW SHEATHING TO FLUSH WITH EXISTING ROOF, TYPICAL (16) LOCATIONS
NOTE: ADDITIVE ALTERNATE "C"
AT REMOVED CHIMNEY PREPARE SURFACE AND APPLY NEW BUILT-UP ROOF SYSTEM TO MATCH EXISTING
A 735 SIM.
INFILL ROOF AT REMOVED CHIMNEY WITH NEW FRAMING AND NEW SHEATHING TO FLUSH WITH EXISTING ROOF. REPAIR PARAPET TO MATCH EXISTING.
VENTILATED ROOF THIMBLE ASSEMBLY; SEE MECHANICAL; SEE A 746

ROOF PLAN - EAST

SCALE: 1/8" = 1'-0"

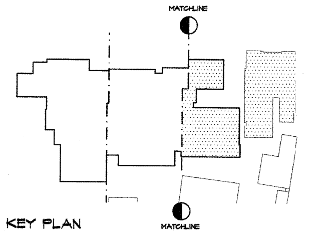
ROOF PLAN LEGEND

☐	NEW BUILT-UP ROOF SYSTEM OVER NAILABLE DECK
▨	NEW BUILT-UP ROOF SYSTEM OVER RIGID INSULATION
▥	NEW STANDING SEAM METAL ROOF SYSTEM OVER NEW CONSTRUCTION
▩	EXISTING ROOF; NO CHANGE EXCEPT AT REMODELED AREAS
▦	TEAR-OFF EXISTING ROOF DOWN TO SHEATHING AND REPLACE WITH NEW BUILT-UP ROOF SYSTEM
◙◙	ROOF DRAIN (RD) AND OVERFLOW DRAIN (OD)
◙	ROOF DRAIN
○	ATTIC VENTILATOR

ROOF PLAN NOTES

TYPICAL ROOF DETAILS:

- TYP. METAL ROOF CONSTRUCTION: A/720
- TYP. ROOF DRAIN: A/731
- TYP. MECHANICAL UNIT CURB: A/702
- TYP. TRANSITION BETWEEN NEW AND (E) BUILT-UP ROOF: A/718
- TYP. ROOF PENETRATIONS: A/704 A/705 A/706 A/707
- TYP. DOWNSPOUT CONNECTION: A/710
- TYP. SPLASH PAN AND D.S. TERMINATIONS: A/709
- TYP. ROOF DRAIN WITH OVERFLOW DRAIN A/733
- TYPICAL SCUPPER DETAIL A/732



KEY PLAN

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CONSULTANTS

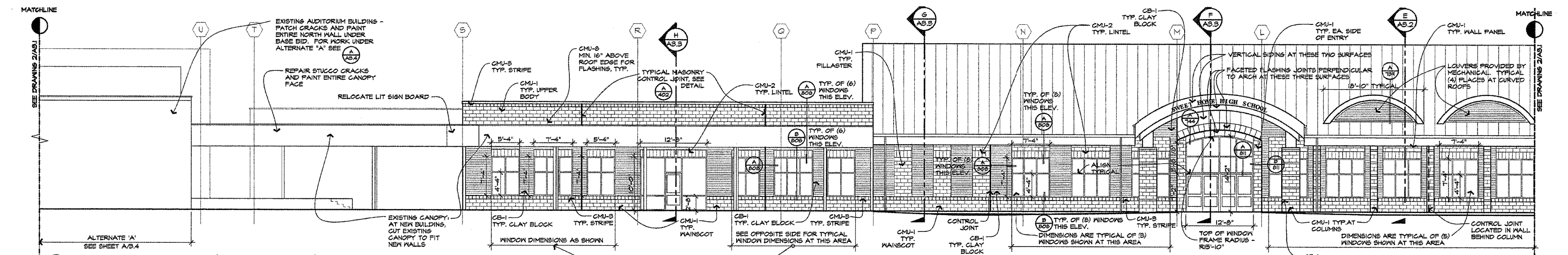
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

ROOF PLAN - EAST

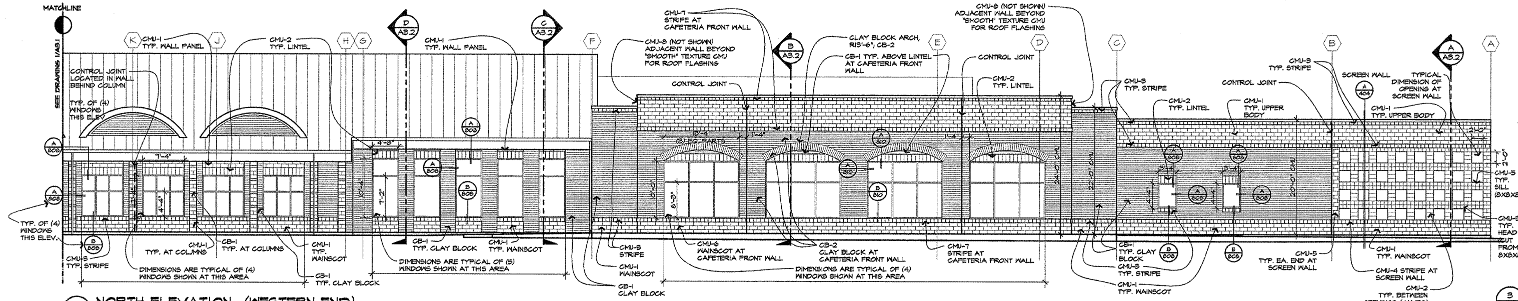
PROJECT NUMBER 01023
DATE 4-4-03

A2.9


MATCHLINE
SEE DRAWING 2/A3.1
EXISTING AUDITORIUM BUILDING - PATCH CRACKS AND PAINT ENTIRE NORTH WALL UNDER BASE BID. FOR WORK UNDER ALTERNATE "A" SEE A/A3.4
REPAIR STUCCO CRACKS AND PAINT ENTIRE CANOPY FACE
RELOCATE LIT SIGN BOARD
CMU-3 TYP. STRIPE
CMU-1 TYP. UPPER BODY
CMU-8 MIN. 16" ABOVE ROOF EDGE FOR FLASHING, TYP.
TYPICAL MASONRY CONTROL JOINT, SEE A/402 DETAIL
CMU-2 TYP. LINTEL
TYP. OF (6) WINDOWS THIS ELEV.
CMU-1 TYP. PILLASTER
CB-1 TYP. CLAY BLOCK
TYP. OF (8) WINDOWS THIS ELEV.
VERTICAL SIDING AT THESE TWO SURFACES
FACETED FLASHING JOINTS PERPENDICULAR TO ARCH AT THESE THREE SURFACES
SWEET HOME HIGH SCHOOL
CMU-1 TYP. EA. SIDE OF ENTRY
18'-10" TYPICAL
CMU-1 TYP. WALL PANEL
LOUVERS PROVIDED BY MECHANICAL. TYPICAL (4) PLACES AT CURVED ROOFS
ALIGN TYPICAL
5'-4"
7'-4"
12'-8"
4'-4"
14'-2"
EXISTING CANOPY: AT NEW BUILDING, CUT EXISTING CANOPY TO FIT NEW WALLS
ALTERNATE 'A' SEE SHEET A/A3.4
WINDOW DIMENSIONS AS SHOWN
CMU-3 TYP. STRIPE
CMU-1 TYP. WAINSCOT
SEE OPPOSITE SIDE FOR TYPICAL WINDOW DIMENSIONS AT THIS AREA
CONTROL JOINT
DIMENSIONS ARE TYPICAL OF (8) WINDOWS SHOWN AT THIS AREA
TOP OF WINDOW FRAME RADIUS - R15'-10"
CMU-1 TYP.AT COLUMNS
DIMENSIONS ARE TYPICAL OF (5) WINDOWS SHOWN AT THIS AREA
CONTROL JOINT LOCATED IN WALL BEHIND COLUMN
CB-1 TYP. AT COLUMNS
U
T
S
R
Q
P
N
M
L
H A3.3
G A3.3
F A3.3
E A3.2

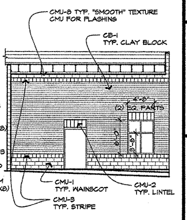
1 A3.1 **NORTH ELEVATION (EASTERN END)**

SCALE: 1/8" = 1'-0"


MATCHLINE
SEE DRAWING 1/A3.1
CMU-1 TYP. WALL PANEL
CMU-2 TYP. LINTEL
CONTROL JOINT LOCATED IN WALL BEHIND COLUMN
TYP. OF (4) WINDOWS THIS ELEV.
CMU-3 TYP. STRIPE
CMU-1 TYP. AT COLUMNS
CB-1 TYP. AT COLUMNS
CMU-1 TYP. WAINSCOT
CB-1 TYP. CLAY BLOCK
DIMENSIONS ARE TYPICAL OF (4) WINDOWS SHOWN AT THIS AREA
DIMENSIONS ARE TYPICAL OF (5) WINDOWS SHOWN AT THIS AREA
CMU-7 STRIPE AT CAFETERIA FRONT WALL
CMU-8 (NOT SHOWN) ADJACENT WALL BEYOND "SMOOTH" TEXTURE CMU FOR ROOF FLASHING
CLAY BLOCK ARCH, R13'-6"; CB-2
CB-1 TYP. ABOVE LINTEL AT CAFETERIA FRONT WALL
CONTROL JOINT
(3) EQ. PARTS
CMU-3 STRIPE
CMU-1 WAINSCOT
CB-1 CLAY BLOCK
CMU-6 WAINSCOT AT CAFETERIA FRONT WALL
CB-2 CLAY BLOCK AT CAFETERIA FRONT WALL
CMU-7 STRIPE AT CAFETERIA FRONT WALL
DIMENSIONS ARE TYPICAL OF (4) WINDOWS SHOWN AT THIS AREA
CMU-2 TYP. LINTEL
CMU-1 TYP. UPPER BODY
CB-1 TYP. CLAY BLOCK
CMU-5 TYP. EA. END AT SCREEN WALL
SCREEN WALL
TYPICAL DIMENSION OF OPENINGS AT SCREEN WALL
CMU-5 TYP. SILL (8X8X8)
CMU-3 TYP. HEAD CUT FROM 8X8X8
CMU-4 STRIPE AT SCREEN WALL
CMU-2 TYP. BETWEEN OPENINGS (JAMBS) AT SCREEN WALL
24'-0" CMU
22'-0" CMU
20'-0" CMU
K
J
H
G
F
E
D
C
B
A
D A3.2
C A3.2
B A3.2
A A3.2

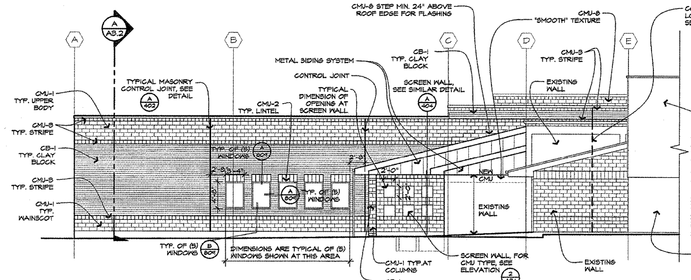
2 A3.1 **NORTH ELEVATION (WESTERN END)**

SCALE: 1/8" = 1'-0"



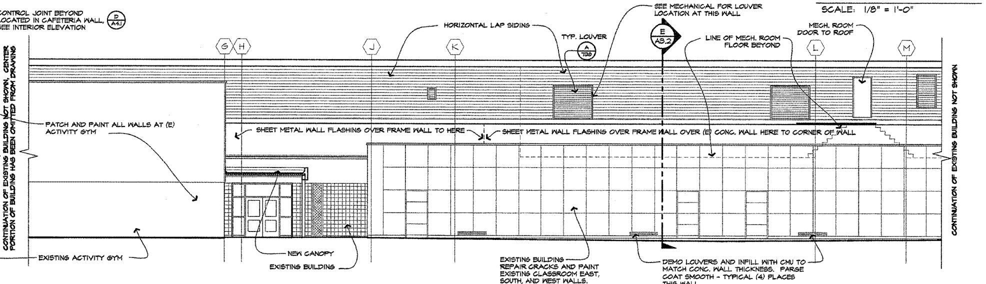
3 A3.1 **NORTH ELEVATION - INSIDE FOOD SERVICE DELIVERY AREA**

SCALE: 1/8" = 1'-0"



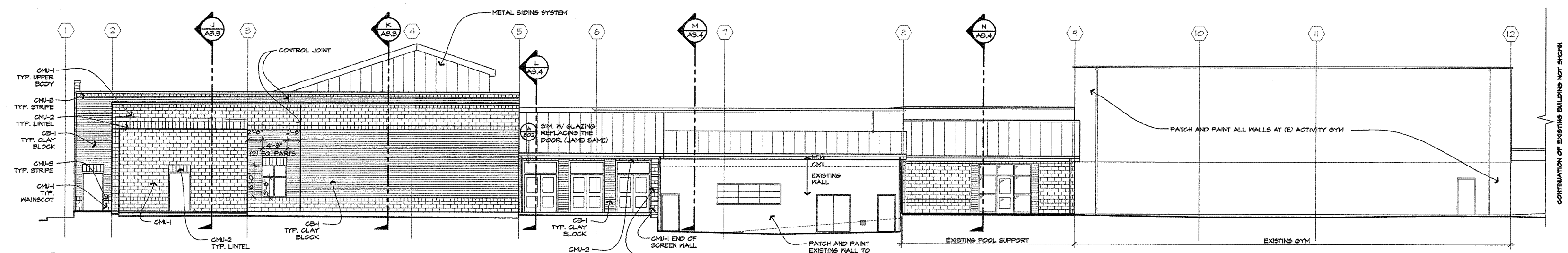
4 A3.1 **SOUTH ELEVATION (WESTERN END)**

SCALE: 1/8" = 1'-0"


CONTROL JOINT BEYOND LOCATED IN CAFETERIA WALL, SEE INTERIOR ELEVATION D/A4.1
CONTINUATION OF EXISTING BUILDING NOT SHOWN, CENTER PORTION OF BUILDING HAS BEEN OMITTED FROM DRAWING
PATCH AND PAINT ALL WALLS AT (E) ACTIVITY GYM
EXISTING ACTIVITY GYM
HORIZONTAL LAP SIDING
TYP. LOUVER A/738
SEE MECHANICAL FOR LOUVER LOCATION AT THIS WALL
LINE OF MECH. ROOM FLOOR BEYOND
MECH. ROOM DOOR TO ROOF
SHEET METAL WALL FLASHING OVER FRAME WALL TO HERE
SHEET METAL WALL FLASHING OVER FRAME WALL OVER (E) CONC. WALL HERE TO CORNER OF WALL
NEW CANOPY
EXISTING BUILDING
EXISTING BUILDING REPAIR CRACKS AND PAINT EXISTING CLASSROOM EAST, SOUTH, AND WEST WALLS.
DEMO LOUVERS AND INFILL WITH CMU TO MATCH CONC. WALL THICKNESS. PARGE COAT SMOOTH - TYPICAL (4) PLACES THIS WALL.
CONTINUATION OF EXISTING BUILDING NOT SHOWN
G
H
J
K
L
M
E A3.2

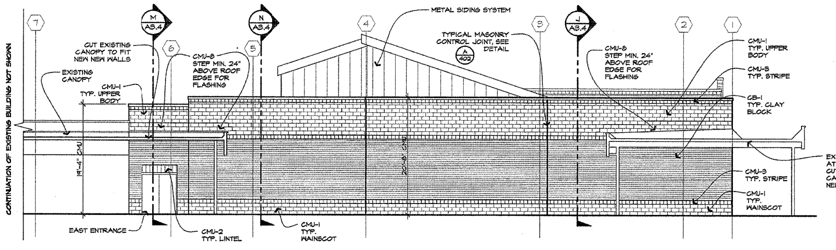
5 A3.1 **SOUTH ELEVATION (ENTRY AT CORE AREA)**

SCALE: 1/8" = 1'-0"



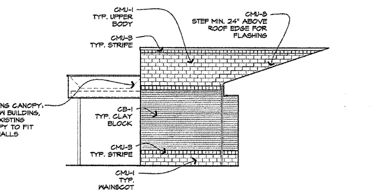
6 A3.1 **WEST ELEVATION**

SCALE: 1/16" = 1'-0"


CONTINUATION OF EXISTING BUILDING NOT SHOWN
CUT EXISTING CANOPY TO FIT NEW NEW WALLS
EXISTING CANOPY
CMU-1 TYP. UPPER BODY
CMU-8 STEP MIN. 24" ABOVE ROOF EDGE FOR FLASHING
METAL SIDING SYSTEM
TYPICAL MASONRY CONTROL JOINT, SEE A/402 DETAIL
CMU-8 STEP MIN. 24" ABOVE ROOF EDGE FOR FLASHING
CMU-1 TYP. UPPER BODY
CMU-3 TYP. STRIPE
CB-1 TYP. CLAY BLOCK
EXISTING CANOPY: AT NEW BUILDING, CUT EXISTING CANOPY TO FIT NEW WALLS
CMU-3 TYP. STRIPE
CMU-1 TYP. WAINSCOT
EAST ENTRANCE
CMU-2 TYP. LINTEL
CMU-1 TYP. WAINSCOT
19'-4" CMU
20'-8" CMU
7
6
5
4
3
2
1
M A3.4
N A3.4
J A3.4

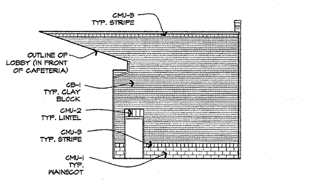
7 A3.1 **EAST ELEVATION**

SCALE: 1/8" = 1'-0"


CMU-1 TYP. UPPER BODY
CMU-3 TYP. STRIPE
CMU-8 STEP MIN. 24" ABOVE ROOF EDGE FOR FLASHING
EXISTING CANOPY: AT NEW BUILDING, CUT EXISTING CANOPY TO FIT NEW WALLS
CB-1 TYP. CLAY BLOCK
CMU-3 TYP. STRIPE
CMU-1 TYP. WAINSCOT

8 A3.1 **WEST ELEVATION AT LBCC**

SCALE: 1/8" = 1'-0"



9 A3.1 **EAST ELEVATION AT CAFETERIA**

SCALE: 1/8" = 1'-0"

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REGISTERED ARCHITECT
STATE OF OREGON

CONSULTANTS

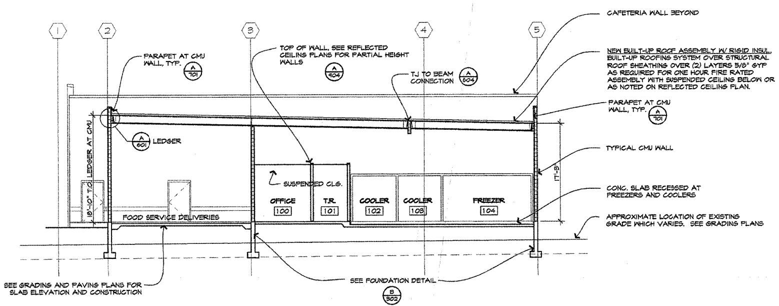
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

EXTERIOR
ELEVATIONS

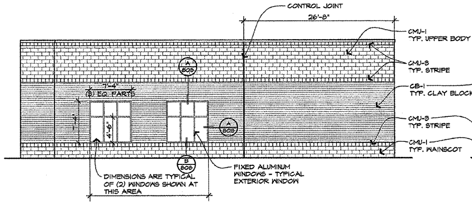
PROJECT NUMBER 01023
DATE 4-4-03

A3.1


CAFETERIA WALL BEYOND
PARAPET AT CMU WALL, TYP. A/701
TOP OF WALL, SEE REFLECTED CEILING PLANS FOR PARTIAL HEIGHT WALLS A/904
TJ TO BEAM CONNECTION A/604
NEW BUILT-UP ROOF ASSEMBLY W/ RIGID INSUL. BUILT-UP ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR FIRE RATED ASSEMBLY WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN.
PARAPET AT CMU WALL, TYP. A/701
A/601 LEDGER
TYPICAL CMU WALL
18'-10" T.O. LEDGER AT CMU
SUSPENDED CLG.
OFFICE 100
T.R. 101
COOLER 102
COOLER 103
FREEZER 104
17'-3"
CONC. SLAB RECESSED AT FREEZERS AND COOLERS
FOOD SERVICE DELIVERIES
APPROXIMATE LOCATION OF EXISTING GRADE WHICH VARIES. SEE GRADING PLANS
SEE GRADING AND PAVING PLANS FOR SLAB ELEVATION AND CONSTRUCTION
SEE FOUNDATION DETAIL B/302
1
2
3
4
5

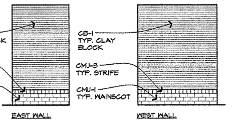
A/A3.2 **SECTION AT KITCHEN**

SCALE: 1/8" = 1'-0"



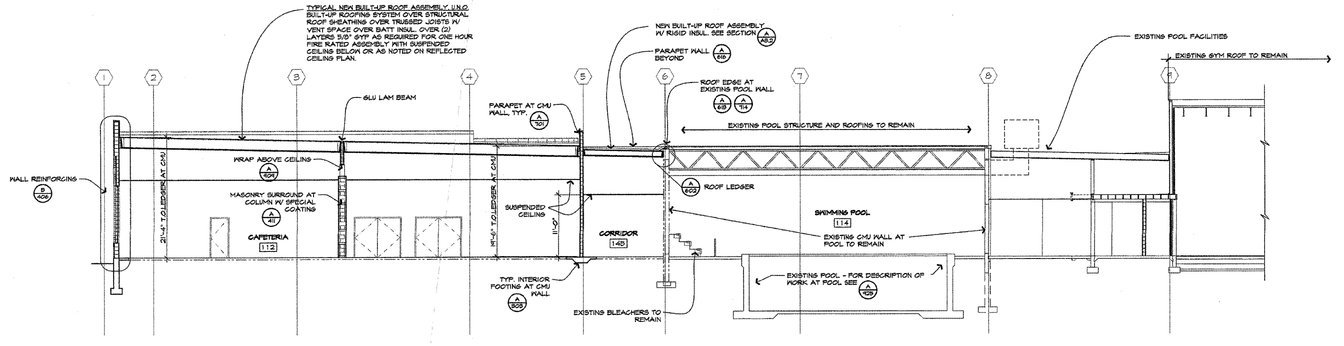
10/A3.2 **SOUTH ELEVATION AT LBCC**

SCALE: 1/8" = 1'-0"



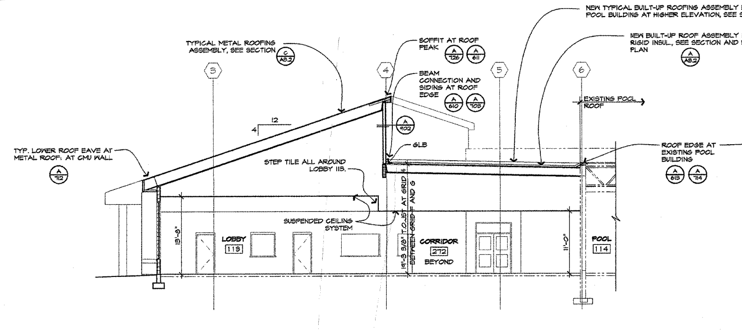
11/A3.2 **ELEVATIONS AT MAIN ENTRY**

SCALE: 1/8" = 1'-0"


TYPICAL NEW BUILT-UP ROOF ASSEMBLY, U.N.O. BUILT-UP ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER TRUSSED JOISTS W/ VENT SPACE OVER BATT INSUL. OVER (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR FIRE RATED ASSEMBLY WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN.
NEW BUILT-UP ROOF ASSEMBLY W/ RIGID INSUL. SEE SECTION A/A3.2
PARAPET WALL BEYOND A/616
GLU LAM BEAM
PARAPET AT CMU WALL, TYP. A/701
ROOF EDGE AT EXISTING POOL WALL A/613 A/714
EXISTING POOL STRUCTURE AND ROOFING TO REMAIN
EXISTING POOL FACILITIES
EXISTING GYM ROOF TO REMAIN
WALL REINFORCING B/406
WRAP ABOVE CEILING A/909
MASONRY SURROUND AT COLUMN W/ SPECIAL COATING A/411
21'-4" T.O.LEDGER AT CMU
CAFETERIA 112
19'-6" T.O.LEDGER AT CMU
SUSPENDED CEILING
11'-0"
CORRIDOR 143
A/602 ROOF LEDGER
SWIMMING POOL 114
EXISTING CMU WALL AT POOL TO REMAIN
EXISTING POOL - FOR DESCRIPTION OF WORK AT POOL SEE A/925
TYP. INTERIOR FOOTING AT CMU WALL A/303
EXISTING BLEACHERS TO REMAIN
1
2
3
4
5
6
7
8
9

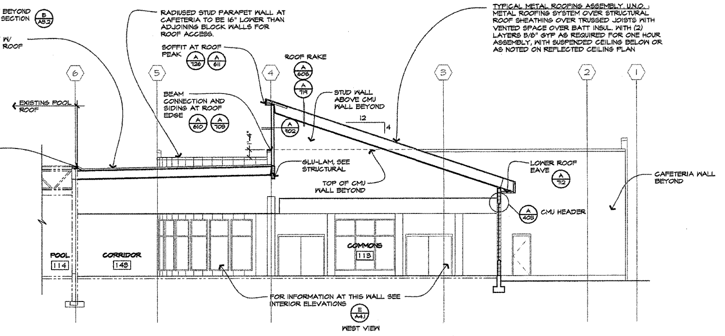
B/A3.2 **SECTION AT CAFETERIA AND POOL**

SCALE: 1/8" = 1'-0"


TYPICAL METAL ROOFING ASSEMBLY, SEE SECTION C/A3.2
SOFFIT AT ROOF PEAK A/726 A/611
BEAM CONNECTION AND SIDING AT ROOF EDGE A/610 A/703
A/902
GLB
NEW TYPICAL BUILT-UP ROOFING ASSEMBLY BEYOND POOL BUILDING AT HIGHER ELEVATION, SEE SECTION B/A3.2
NEW BUILT-UP ROOF ASSEMBLY W/ RIGID INSUL., SEE SECTION AND ROOF PLAN A/A3.2
EXISTING POOL ROOF
12
4
TYP. LOWER ROOF EAVE AT METAL ROOF: AT CMU WALL A/712
STEP TILE ALL AROUND LOBBY 113.
SUSPENDED CEILING SYSTEM
ROOF EDGE AT EXISTING POOL BUILDING A/613 A/714
13'-8"
LOBBY 113
19'-3 3/8" T.O.JST AT GRID 4 BETWEEN GRID F AND G
CORRIDOR 272 BEYOND
11'-0"
POOL 114
3
4
5
6

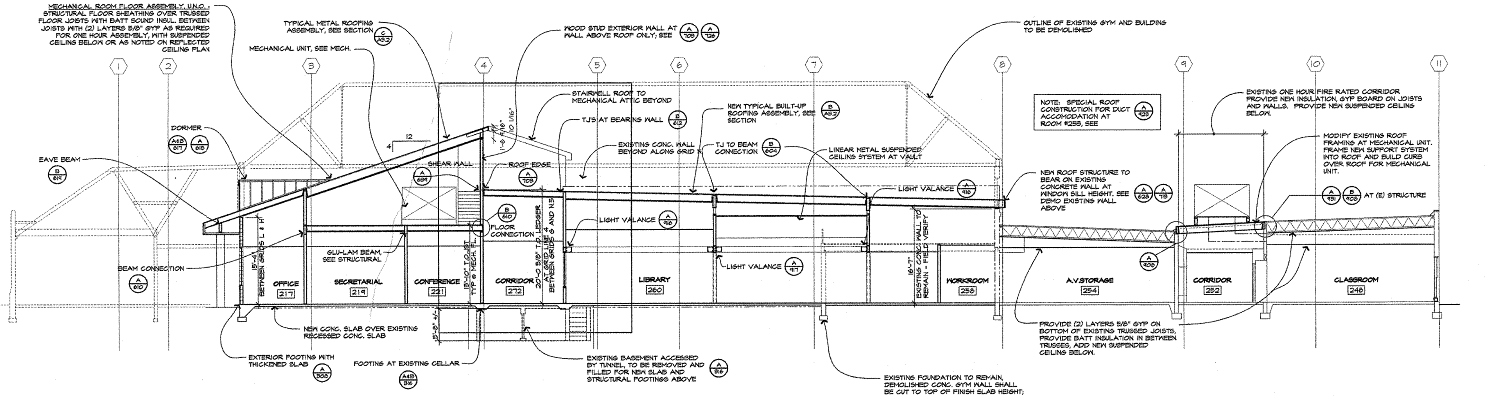
D/A3.2 **SECTION AT COMMONS (VIEWING EAST)**

SCALE: 1/8" = 1'-0"


RADIUSED STUD PARAPET WALL AT CAFETERIA TO BE 16" LOWER THAN ADJOINING BLOCK WALLS FOR ROOF ACCESS.
SOFFIT AT ROOF PEAK A/726 A/611
ROOF RAKE A/608 A/719
TYPICAL METAL ROOFING ASSEMBLY, U.N.O.: METAL ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER TRUSSED JOISTS WITH VENTED SPACE OVER BATT INSUL. WITH (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR ASSEMBLY, WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN
EXISTING POOL ROOF
BEAM CONNECTION AND SIDING AT ROOF EDGE A/610 A/703
STUD WALL ABOVE CMU WALL BEYOND
12
4
A/902
1'-4"
GLU-LAM, SEE STRUCTURAL
TOP OF CMU WALL BEYOND
LOWER ROOF EAVE A/712
CAFETERIA WALL BEYOND
A/403 CMU HEADER
POOL 114
CORRIDOR 143
COMMONS 113
FOR INFORMATION AT THIS WALL SEE INTERIOR ELEVATIONS E/A4.1
WEST VIEW
6
5
4
3
2
1

C/A3.2 **SECTION AT COMMONS (VIEWING WEST)**

SCALE: 1/8" = 1'-0"


MECHANICAL ROOM FLOOR ASSEMBLY, U.N.O.: STRUCTURAL FLOOR SHEATHING OVER TRUSSED FLOOR JOISTS WITH BATT SOUND INSUL. BETWEEN JOISTS WITH (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR ASSEMBLY, WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN
TYPICAL METAL ROOFING ASSEMBLY, SEE SECTION C/A3.2
MECHANICAL UNIT, SEE MECH.
WOOD STUD EXTERIOR WALL AT WALL ABOVE ROOF ONLY; SEE A/703 A/726
OUTLINE OF EXISTING GYM AND BUILDING TO BE DEMOLISHED
DORMER A&B/617 A/618
EAVE BEAM B/619
12
4
1'-6 9/16"
10 1/16"
STAIRWELL ROOF TO MECHANICAL ATTIC BEYOND
TJ'S AT BEARING WALL B/612
NEW TYPICAL BUILT-UP ROOFING ASSEMBLY, SEE SECTION B/A3.2
EXISTING CONC. WALL BEYOND ALONG GRID N
TJ TO BEAM CONNECTION B/604
LINEAR METAL SUSPENDED CEILING SYSTEM AT VAULT
NOTE: SPECIAL ROOF CONSTRUCTION FOR DUCT ACCOMODATION AT ROOM #258, SEE A/929
EXISTING ONE HOUR FIRE RATED CORRIDOR PROVIDE NEW INSULATION, GYP BOARD ON JOISTS AND WALLS. PROVIDE NEW SUSPENDED CEILING BELOW.
MODIFY EXISTING ROOF FRAMING AT MECHANICAL UNIT. FRAME NEW SUPPORT SYSTEM INTO ROOF AND BUILD CURB OVER ROOF FOR MECHANICAL UNIT.
A/931 B/908 AT (E) STRUCTURE
SHEAR WALL A/689
ROOF EDGE A/703
B/610 FLOOR CONNECTION
LIGHT VALANCE A/916
LIGHT VALANCE A/917
NEW ROOF STRUCTURE TO BEAR ON EXISTING CONCRETE WALL AT WINDOW SILL HEIGHT. SEE DEMO EXISTING WALL ABOVE A/628 A/718
A/908
BEAM CONNECTION A/610
GLU-LAM BEAM, SEE STRUCTURAL
15'-4" BETWEEN GRIDS L & H
OFFICE 217
SECRETARIAL 219
CONFERENCE 221
13'-10" T.O.JST TYP @ MECH. FL.
CORRIDOR 272
20'-0 5/8" T.O. LEDGER AT GRID LINE 4 BETWEEN GRIDS G AND N.5
LIBRARY 260
16'-7"
EXISTING CONC. WALL TO REMAIN - FIELD VERIFY
WORKROOM 258
A.V.STORAGE 254
CORRIDOR 252
CLASSROOM 248
5'-8" +/-
NEW CONC. SLAB OVER EXISTING RECESSED CONC. SLAB
EXTERIOR FOOTING WITH THICKENED SLAB A/303
FOOTING AT EXISTING CELLAR A&B/316
EXISTING BASEMENT ACCESSED BY TUNNEL, TO BE REMOVED AND FILLED FOR NEW SLAB AND STRUCTURAL FOOTINGS ABOVE A/316
PROVIDE (2) LAYERS 5/8" GYP ON BOTTOM OF EXISTING TRUSSED JOISTS, PROVIDE BATT INSULATION IN BETWEEN TRUSSES, ADD NEW SUSPENDED CEILING BELOW.
EXISTING FOUNDATION TO REMAIN, DEMOLISHED CONC. GYM WALL SHALL BE CUT TO TOP OF FINISH SLAB HEIGHT; SEE STRUCTURAL
1
2
3
4
5
6
7
8
9
10
11

E/A3.2 **SECTION**

SCALE: 1/8" = 1'-0"

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CONSULTANTS

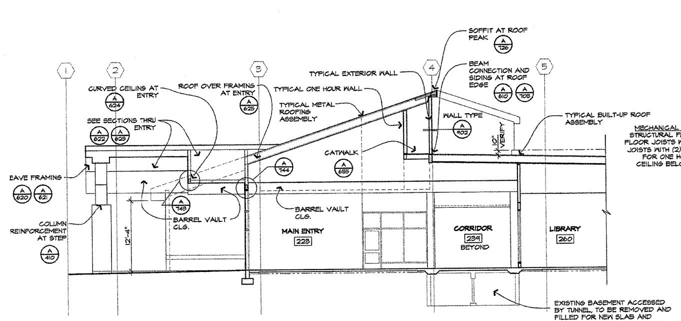
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

BUILDING SECTIONS

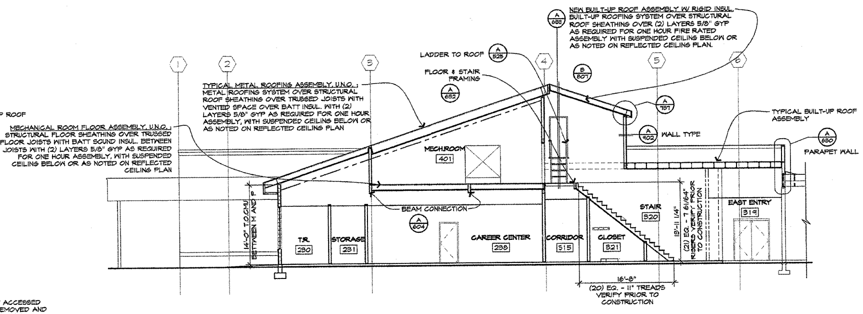
PROJECT NUMBER 01023
DATE 4-4-03

A3.2



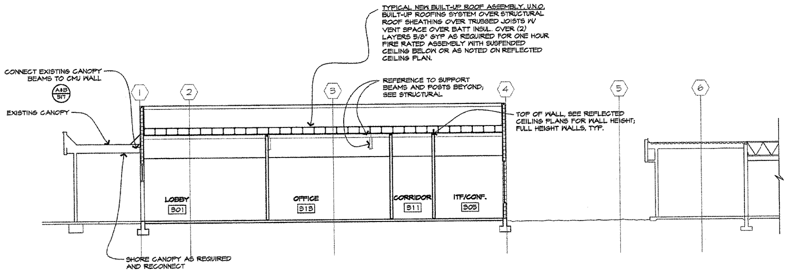
F / A3.3 SECTION AT MAIN ENTRY CANOPY

SCALE: 1/8" = 1'-0"


1
2
3
4
5
6
NEW BUILT-UP ROOF ASSEMBLY W/ RIGID INSUL.
BUILT-UP ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR FIRE RATED ASSEMBLY WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN.
A 688
LADDER TO ROOF
A 525
FLOOR & STAIR FRAMING
A 682
B 807
A 787
TYPICAL METAL ROOFING ASSEMBLY, U.N.O.:
METAL ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER TRUSSED JOISTS WITH VENTED SPACE OVER BATT INSUL. WITH (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR ASSEMBLY, WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN
MECHANICAL ROOM FLOOR ASSEMBLY, U.N.O.:
STRUCTURAL FLOOR SHEATHING OVER TRUSSED FLOOR JOISTS WITH BATT SOUND INSUL. BETWEEN JOISTS WITH (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR ASSEMBLY, WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN
TYPICAL BUILT-UP ROOF ASSEMBLY
A 902
WALL TYPE
A 630
PARAPET WALL
MECH.ROOM
401
BEAM CONNECTION
A 604
14'-0" T.O.CMU BETWEEN M AND P
T.R.
230
STORAGE
231
CAREER CENTER
238
CORRIDOR
315
CLOSET
321
STAIR
320
EAST ENTRY
319
13'-11 1/4"
(21) EQ. - 7 61/64" RISERS VERIFY PRIOR TO CONSTRUCTION
16'-8"
(20) EQ. - 11" TREADS VERIFY PRIOR TO CONSTRUCTION

G / A3.3 SECTION AT STAIR TO MECHANICAL ATTIC

SCALE: 1/8" = 1'-0"

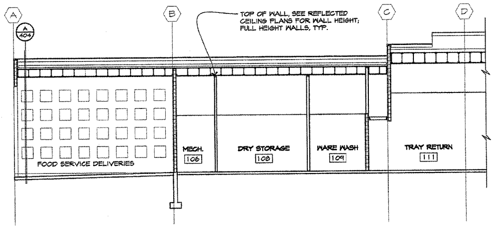

TYPICAL NEW BUILT-UP ROOF ASSEMBLY, U.N.O.
BUILT-UP ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER TRUSSED JOISTS W/ VENT SPACE OVER BATT INSUL. OVER (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR FIRE RATED ASSEMBLY WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN.
CONNECT EXISTING CANOPY BEAMS TO CMU WALL
A&B 517
EXISTING CANOPY
REFERENCE TO SUPPORT BEAMS AND POSTS BEYOND; SEE STRUCTURAL
1
2
3
4
5
6
TOP OF WALL, SEE REFLECTED CEILING PLANS FOR WALL HEIGHT; FULL HEIGHT WALLS, TYP.
LOBBY
301
OFFICE
313
CORRIDOR
311
ITF/CONF.
305
SHORE CANOPY AS REQUIRED AND RECONNECT

H / A3.3 SECTION AT LBCC

SCALE: 1/8" = 1'-0"

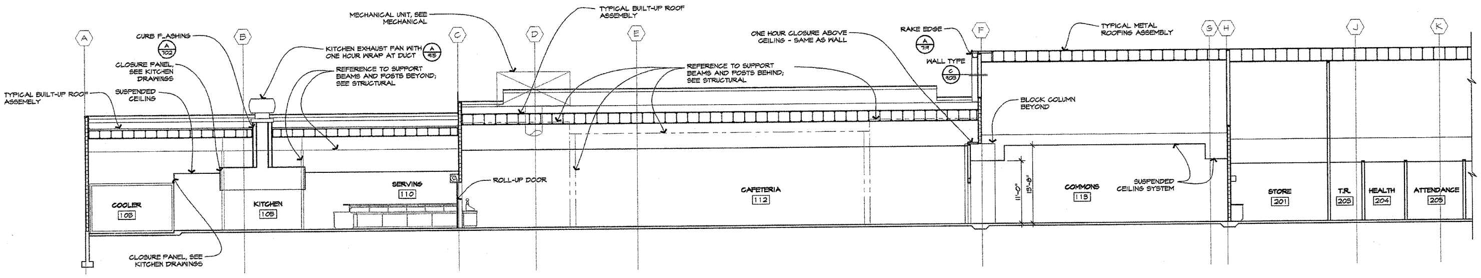
I / A3.3 NOT USED

SCALE: 1/8" = 1'-0"


A
A 404
B
C
D
TOP OF WALL, SEE REFLECTED CEILING PLANS FOR WALL HEIGHT; FULL HEIGHT WALLS, TYP.
FOOD SERVICE DELIVERIES
MECH.
106
DRY STORAGE
108
WARE WASH
109
TRAY RETURN
111

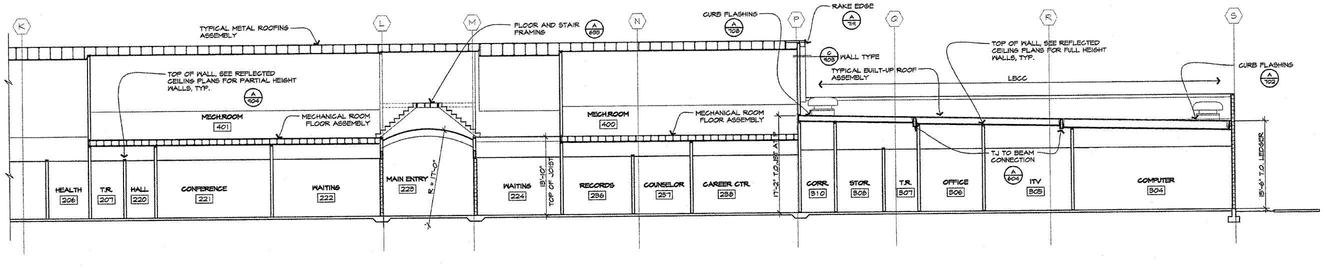
J / A3.3 SECTION AT KITCHEN & DELIVERY AREA

SCALE: 1/8" = 1'-0"


A
B
C
D
E
F
G
H
J
K
CURB FLASHING
A 702
CLOSURE PANEL, SEE KITCHEN DRAWINGS
TYPICAL BUILT-UP ROOF ASSEMBLY
SUSPENDED CEILING
KITCHEN EXHAUST FAN WITH ONE HOUR WRAP AT DUCT
A 915
REFERENCE TO SUPPORT BEAMS AND POSTS BEYOND; SEE STRUCTURAL
MECHANICAL UNIT, SEE MECHANICAL
TYPICAL BUILT-UP ROOF ASSEMBLY
REFERENCE TO SUPPORT BEAMS AND POSTS BEHIND; SEE STRUCTURAL
ONE HOUR CLOSURE ABOVE CEILING - SAME AS WALL
RAKE EDGE
A 719
WALL TYPE
C 903
TYPICAL METAL ROOFING ASSEMBLY
BLOCK COLUMN BEYOND
COOLER
103
KITCHEN
105
SERVING
110
ROLL-UP DOOR
CAFETERIA
112
11'-0"
13'-8"
COMMONS
113
SUSPENDED CEILING SYSTEM
STORE
201
T.R.
203
HEALTH
204
ATTENDANCE
205
CLOSURE PANEL, SEE KITCHEN DRAWINGS

K-1 / A3.3 SECTION AT KITCHEN, CAFETERIA, COMMONS & STUDENT STORE

SCALE: 1/8" = 1'-0"



K-2 / A3.3 SECTION AT ADMINISTRATION, COUNSELING & LBCC

SCALE: 1/8" = 1'-0"

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CONSULTANTS

SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

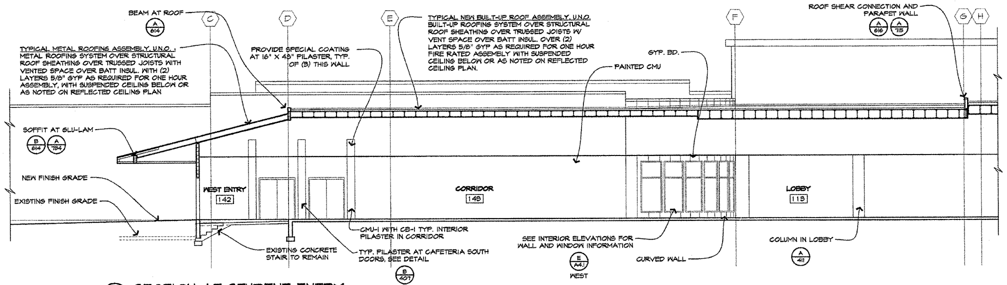
△	REVISED

BUILDING SECTIONS

PROJECT NUMBER
01023

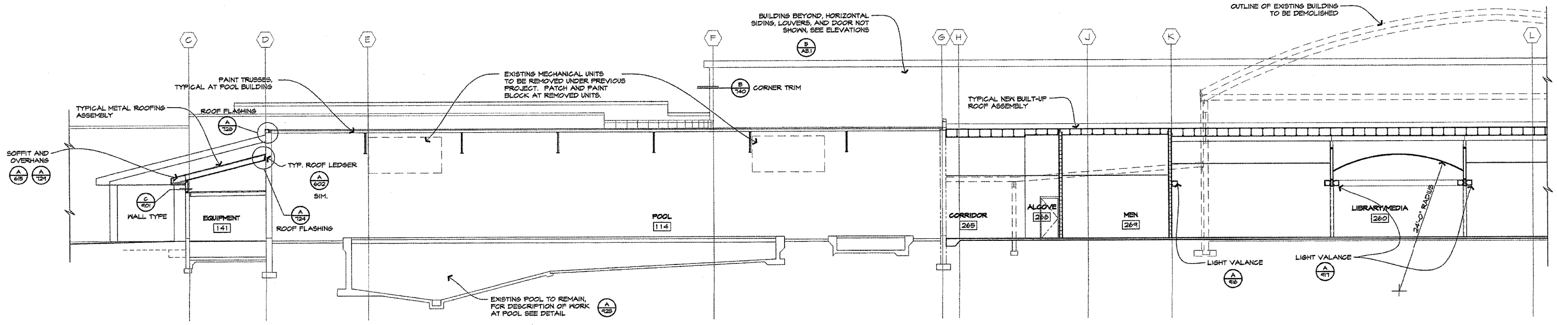
DATE
4-4-03

A3.3


BEAM AT ROOF A/614
TYPICAL METAL ROOFING ASSEMBLY, U.N.O. : METAL ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER TRUSSED JOISTS WITH VENTED SPACE OVER BATT INSUL. WITH (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR ASSEMBLY, WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN
PROVIDE SPECIAL COATING AT 16" X 48" PILASTER, TYP. OF (3) THIS WALL
TYPICAL NEW BUILT-UP ROOF ASSEMBLY, U.N.O. BUILT-UP ROOFING SYSTEM OVER STRUCTURAL ROOF SHEATHING OVER TRUSSED JOISTS W/ VENT SPACE OVER BATT INSUL. OVER (2) LAYERS 5/8" GYP AS REQUIRED FOR ONE HOUR FIRE RATED ASSEMBLY WITH SUSPENDED CEILING BELOW OR AS NOTED ON REFLECTED CEILING PLAN.
GYP. BD.
PAINTED CMU
ROOF SHEAR CONNECTION AND PARAPET WALL A/616 A/715
C
D
E
F
G
H
SOFFIT AT GLU-LAM B/614 A/734
NEW FINISH GRADE
EXISTING FINISH GRADE
WEST ENTRY 142
CORRIDOR 148
LOBBY 113
EXISTING CONCRETE STAIR TO REMAIN
CMU-1 WITH CB-1 TYP. INTERIOR PILASTER IN CORRIDOR
TYP. PILASTER AT CAFETERIA SOUTH DOORS, SEE DETAIL B/407
SEE INTERIOR ELEVATIONS FOR WALL AND WINDOW INFORMATION E/A4.1 WEST
CURVED WALL
COLUMN IN LOBBY A/411

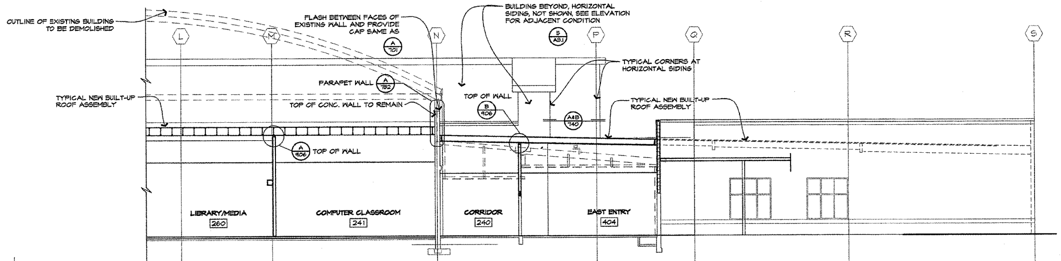
L/A3.4 SECTION AT STUDENT ENTRY

SCALE: 1/8" = 1'-0"


BUILDING BEYOND, HORIZONTAL SIDING, LOUVERS, AND DOOR NOT SHOWN, SEE ELEVATIONS 5/A3.1
OUTLINE OF EXISTING BUILDING TO BE DEMOLISHED
C
D
E
F
G
H
J
K
L
PAINT TRUSSES, TYPICAL AT POOL BUILDING
TYPICAL METAL ROOFING ASSEMBLY
ROOF FLASHING A/728
EXISTING MECHANICAL UNITS TO BE REMOVED UNDER PREVIOUS PROJECT. PATCH AND PAINT BLOCK AT REMOVED UNITS.
CORNER TRIM B/740
TYPICAL NEW BUILT-UP ROOF ASSEMBLY
SOFFIT AND OVERHANG A/615 A/729
TYP. ROOF LEDGER A/602 SIM.
WALL TYPE C/901
EQUIPMENT 141
ROOF FLASHING A/724
POOL 114
CORRIDOR 265
ALCOVE 268
MEN 269
LIBRARY/MEDIA 260
24'-0" RADIUS
LIGHT VALANCE A/916
LIGHT VALANCE A/917
EXISTING POOL TO REMAIN, FOR DESCRIPTION OF WORK AT POOL SEE DETAIL A/925

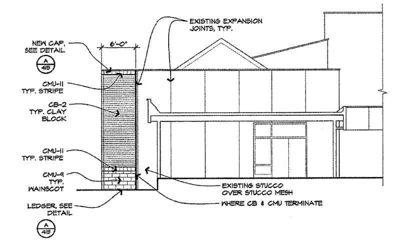
M-1/A3.4 SECTION AT POOL, TOILET ROOMS & LIBRARY

SCALE: 1/8" = 1'-0"


OUTLINE OF EXISTING BUILDING TO BE DEMOLISHED
FLASH BETWEEN FACES OF EXISTING WALL AND PROVIDE CAP SAME AS A/701
BUILDING BEYOND, HORIZONTAL SIDING, NOT SHOWN, SEE ELEVATION FOR ADJACENT CONDITION 5/A3.1
L
M
N
P
Q
R
S
TYPICAL CORNERS AT HORIZONTAL SIDINGS
PARAPET WALL A/732
TOP OF CONC. WALL TO REMAIN
TOP OF WALL B/906
A&B/740
TYPICAL NEW BUILT-UP ROOF ASSEMBLY
TYPICAL NEW BUILT-UP ROOF ASSEMBLY
TOP OF WALL A/906
LIBRARY/MEDIA 260
COMPUTER CLASSROOM 241
CORRIDOR 240
EAST ENTRY 404

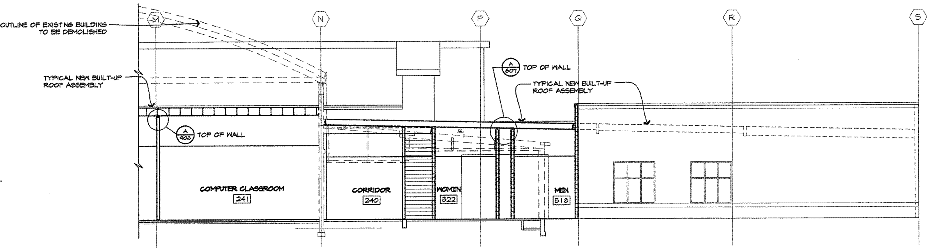
M-2/A3.4 SECTION AT LIBRARY AND CLASSROOM

SCALE: 1/8" = 1'-0"



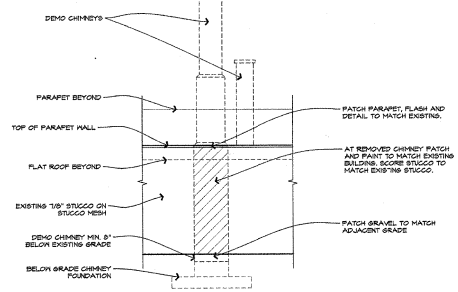
R/A3.4 ALTERNATE 'A' - WEST ELEVATION AT (EX) AUDITORIUM ENTRY

SCALE: 1/8" = 1'-0"


OUTLINE OF EXISTING BUILDING TO BE DEMOLISHED
M
N
P
Q
R
S
TYPICAL NEW BUILT-UP ROOF ASSEMBLY
TOP OF WALL A/607
TYPICAL NEW BUILT-UP ROOF ASSEMBLY
TOP OF WALL A/906
COMPUTER CLASSROOM 241
CORRIDOR 240
WOMEN 322
MEN 318

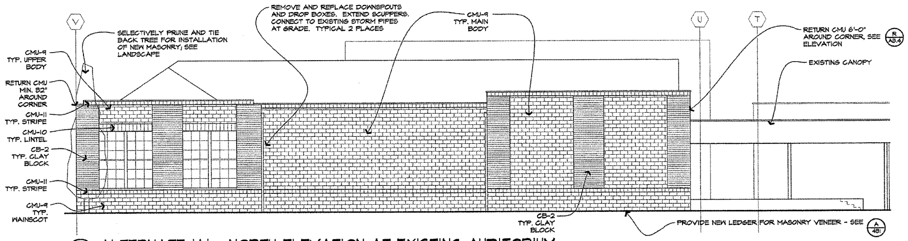
N/A3.4 SECTION AT EAST CORRIDOR & TOILET ROOMS

SCALE: 1/8" = 1'-0"


DEMO CHIMNEYS
PARAPET BEYOND
TOP OF PARAPET WALL
FLAT ROOF BEYOND
EXISTING 7/8" STUCCO ON STUCCO MESH
DEMO CHIMNEY MIN. 8" BELOW EXISTING GRADE
BELOW GRADE CHIMNEY FOUNDATION
PATCH PARAPET, FLASH AND DETAIL TO MATCH EXISTING.
AT REMOVED CHIMNEY PATCH AND PAINT TO MATCH EXISTING BUILDING. SCORE STUCCO TO MATCH EXISTING STUCCO.
PATCH GRAVEL TO MATCH ADJACENT GRADE

Q/A3.4 PARTIAL EAST ELEVATION AT (EX) AUDITORIUM AT DEMO CHIMNEYS

SCALE: 1/8" = 1'-0"


V
U
T
CMU-9 TYP. UPPER BODY
RETURN CMU MIN. 32" AROUND CORNER
CMU-11 TYP. STRIPE
CMU-10 TYP. LINTEL
CB-2 TYP. CLAY BLOCK
CMU-11 TYP. STRIPE
CMU-9 TYP. WAINSCOT
SELECTIVELY PRUNE AND TIE BACK TREE FOR INSTALLATION OF NEW MASONRY; SEE LANDSCAPE
REMOVE AND REPLACE DOWNSPOUTS AND DROP BOXES. EXTEND SCUPPERS. CONNECT TO EXISTING STORM PIPES AT GRADE. TYPICAL 2 PLACES
CMU-9 TYP. MAIN BODY
RETURN CMU 6'-0" AROUND CORNER, SEE ELEVATION R/A3.4
EXISTING CANOPY
CB-2 TYP. CLAY BLOCK
PROVIDE NEW LEDGER FOR MASONRY VENEER - SEE A/481

P/A3.4 ALTERNATE 'A' - NORTH ELEVATION AT EXISTING AUDITORIUM

SCALE: 1/8" = 1'-0"

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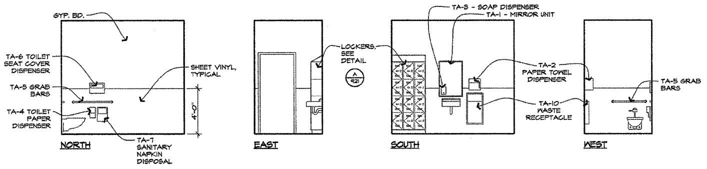
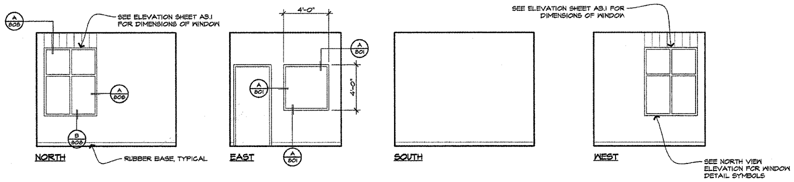
A3.4



A/A4.1 INTERIOR ELEVATIONS - TOILET ROOM #101

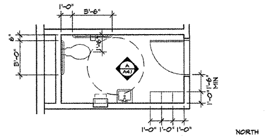
SCALE: 1/4" = 1'-0"

NOTE: FOR TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS AND STANDARDS, SEE DETAIL A/1001


SEE ELEVATION SHEET A3.1 FOR DIMENSIONS OF WINDOW
A 808
B 808
NORTH
RUBBER BASE, TYPICAL
4'-0"
A 801
EAST
SOUTH
SEE ELEVATION SHEET A3.1 FOR DIMENSIONS OF WINDOW
WEST
SEE NORTH VIEW ELEVATION FOR WINDOW DETAIL SYMBOLS

B/A4.1 INTERIOR ELEVATIONS - OFFICE #100

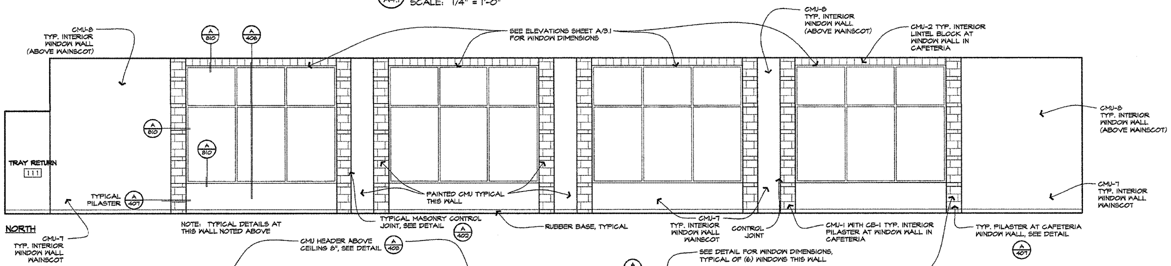
SCALE: 1/4" = 1'-0"

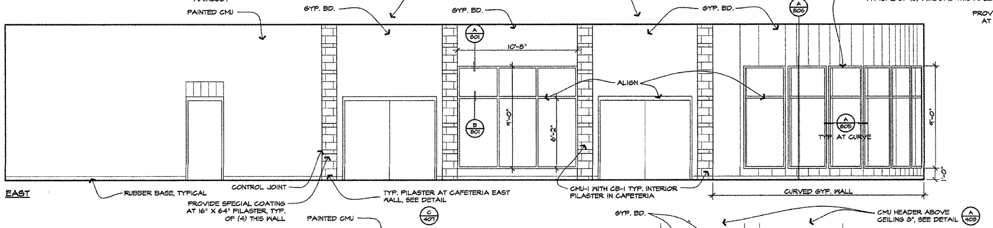


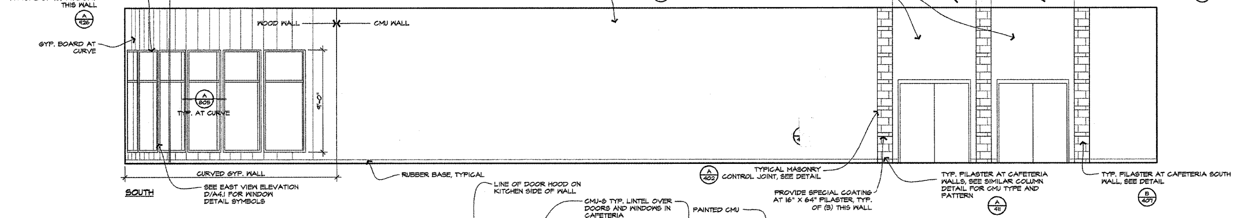
C/A4.1 PLAN - TOILET ROOM #101

SCALE: 1/4" = 1'-0"

NORTH


CMU-8 TYP. INTERIOR WINDOW WALL (ABOVE WAINSCOT)
A 810
A 406
SEE ELEVATIONS SHEET A/3.1 FOR WINDOW DIMENSIONS
CMU-8 TYP. INTERIOR WINDOW WALL (ABOVE WAINSCOT)
CMU-2 TYP. INTERIOR LINTEL BLOCK AT WINDOW WALL IN CAFETERIA
TRAY RETURN
111
TYPICAL PILASTER A 407
PAINTED CMU TYPICAL THIS WALL
CMU-7 TYP. INTERIOR WINDOW WALL WAINSCOT
NORTH
NOTE: TYPICAL DETAILS AT THIS WALL NOTED ABOVE
TYPICAL MASONRY CONTROL JOINT, SEE DETAIL A 402
RUBBER BASE, TYPICAL
CONTROL JOINT
CMU-1 WITH CB-1 TYP. INTERIOR PILASTER AT WINDOW WALL IN CAFETERIA
TYP. PILASTER AT CAFETERIA WINDOW WALL, SEE DETAIL A 407
PROVIDE SPECIAL COATING AT PILASTER, TYP. OF (8) THIS WALL

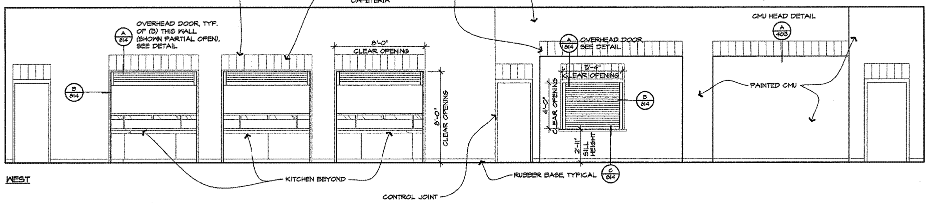

CMU HEADER ABOVE CEILING 8", SEE DETAIL A 403
PAINTED CMU
GYP. BD.
GYP. BD.
GYP. BD.
A 806
SEE DETAIL FOR WINDOW DIMENSIONS, TYPICAL OF (6) WINDOWS THIS WALL
A 801
10'-8"
ALIGN
B 801
9'-0"
6'-2"
A 805
TYP. AT CURVE
1'-0"
EAST
RUBBER BASE, TYPICAL
CONTROL JOINT
PROVIDE SPECIAL COATING AT 16" X 64" PILASTER, TYP. OF (4) THIS WALL
TYP. PILASTER AT CAFETERIA EAST WALL, SEE DETAIL C 407
CMU-1 WITH CB-1 TYP. INTERIOR PILASTER IN CAFETERIA
CURVED GYP. WALL


SEE DETAIL FOR WINDOW DIMENSIONS, TYPICAL OF (6) WINDOWS THIS WALL
A 426
A 806
GYP. BOARD AT CURVE
WOOD WALL
CMU WALL
PAINTED CMU
GYP. BD.
CMU HEADER ABOVE CEILING 8", SEE DETAIL A 403
A 805
TYP. AT CURVE
9'-0"
CURVED GYP. WALL
SOUTH
SEE EAST VIEW ELEVATION D/A4.1 FOR WINDOW DETAIL SYMBOLS
RUBBER BASE, TYPICAL
A 402 TYPICAL MASONRY CONTROL JOINT, SEE DETAIL
PROVIDE SPECIAL COATING AT 16" X 64" PILASTER, TYP. OF (3) THIS WALL
TYP. PILASTER AT CAFETERIA WALLS, SEE SIMILAR COLUMN DETAIL FOR CMU TYPE AND PATTERN A 411
TYP. PILASTER AT CAFETERIA SOUTH WALL, SEE DETAIL B 407

SCHEDULE OF TOILET ACCESSORIES

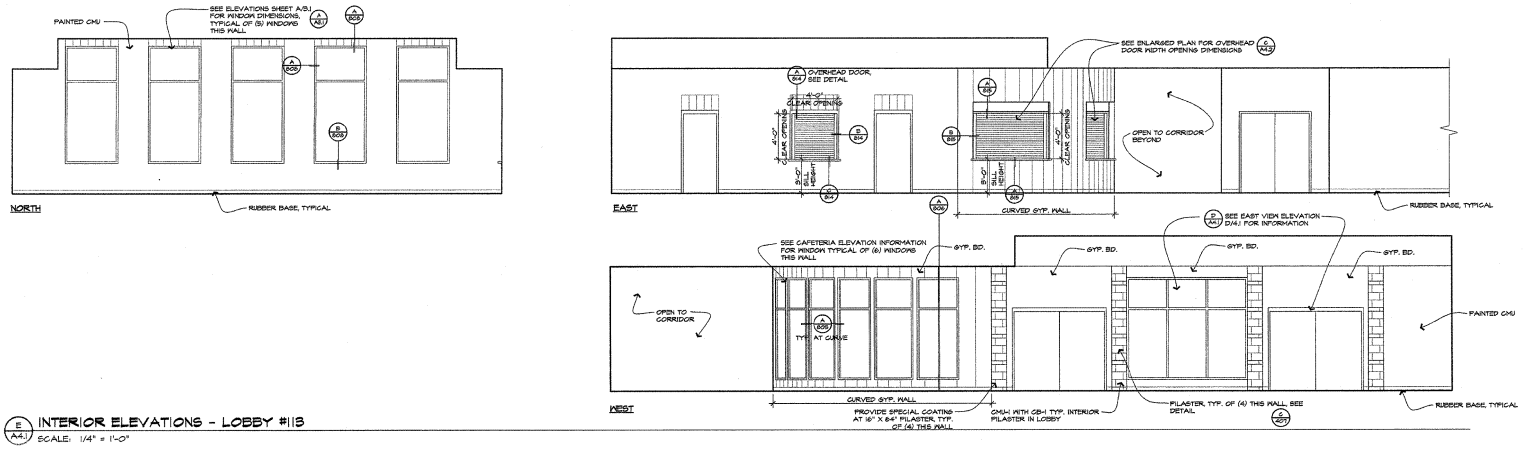
TA-1 - MIRROR UNIT
TA-2 - PAPER TOWEL DISPENSER (OFCI)
TA-3 - WALL-MOUNTED SOAP DISPENSER (OFCI)
TA-4 - TOILET PAPER DISPENSER (OFCI)
TA-5 - GRAB BARS
TA-6 - TOILET SEAT COVER DISPENSER
TA-7 - SANITARY NAPKIN DISPOSAL
TA-8 - MOP RACK
TA-9 - COAT HOOK
TA-10 - WASTE RECEPTACLE
TA-11 - DIAPER CHANGING STATION
TA-12 - HAIR DRYER
L-1 - LOCKER STYLE 1 (4 HIGH)

NOTE:
CONTRACTOR SHALL PROVIDE BLOCKING FOR ALL TOILET ACCESSORIES, INCLUDING THOSE PROVIDED BY OWNER.


LINE OF DOOR HOOD ON KITCHEN SIDE OF WALL
CMU-8 TYP. LINTEL OVER DOORS AND WINDOWS IN CAFETERIA
PAINTED CMU
OVERHEAD DOOR, TYP. OF (3) THIS WALL (SHOWN PARTIAL OPEN), SEE DETAIL A 814
8'-0" CLEAR OPENING
B 814
8'-0" CLEAR OPENING
A 814 OVERHEAD DOOR, SEE DETAIL
5'-4" CLEAR OPENING
4'-0" CLEAR OPENING
2'-11" SILL HEIGHT
B 814
CMU HEAD DETAIL A 403
PAINTED CMU
WEST
KITCHEN BEYOND
CONTROL JOINT
RUBBER BASE, TYPICAL C 814

D/A4.1 INTERIOR ELEVATIONS - CAFETERIA #112

SCALE: 1/4" = 1'-0"


PAINTED CMU
SEE ELEVATIONS SHEET A/3.1 FOR WINDOW DIMENSIONS, TYPICAL OF (5) WINDOWS THIS WALL A A3.1
A 808
A 808
B 808
NORTH
RUBBER BASE, TYPICAL
SEE ENLARGED PLAN FOR OVERHEAD DOOR WIDTH OPENING DIMENSIONS C A4.2
A 814 OVERHEAD DOOR, SEE DETAIL
4'-0" CLEAR OPENING
B 814
3'-0" SILL HEIGHT
C 814
A 815
B 815
4'-0" CLEAR OPENING
3'-0" SILL HEIGHT
A 815
OPEN TO CORRIDOR BEYOND
EAST
A 806
CURVED GYP. WALL
RUBBER BASE, TYPICAL
D A4.1 SEE EAST VIEW ELEVATION D/4.1 FOR INFORMATION
SEE CAFETERIA ELEVATION INFORMATION FOR WINDOW TYPICAL OF (6) WINDOWS THIS WALL
GYP. BD.
GYP. BD.
GYP. BD.
GYP. BD.
OPEN TO CORRIDOR
A 805
TYP. AT CURVE
PAINTED CMU
WEST
CURVED GYP. WALL
PROVIDE SPECIAL COATING AT 16" X 64" PILASTER, TYP. OF (4) THIS WALL
CMU-1 WITH CB-1 TYP. INTERIOR PILASTER IN LOBBY
PILASTER, TYP. OF (4) THIS WALL, SEE DETAIL C 407
RUBBER BASE, TYPICAL

E/A4.1 INTERIOR ELEVATIONS - LOBBY #113

SCALE: 1/4" = 1'-0"

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BOND 2001
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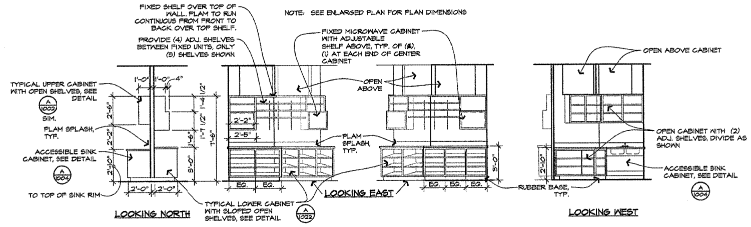
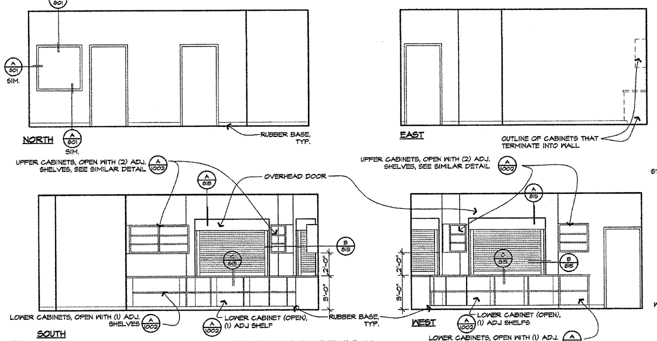
ENLARGED PLANS & INTERIOR ELEVATIONS - WEST

PROJECT NUMBER	DATE
01023	4-4-03

A4.1

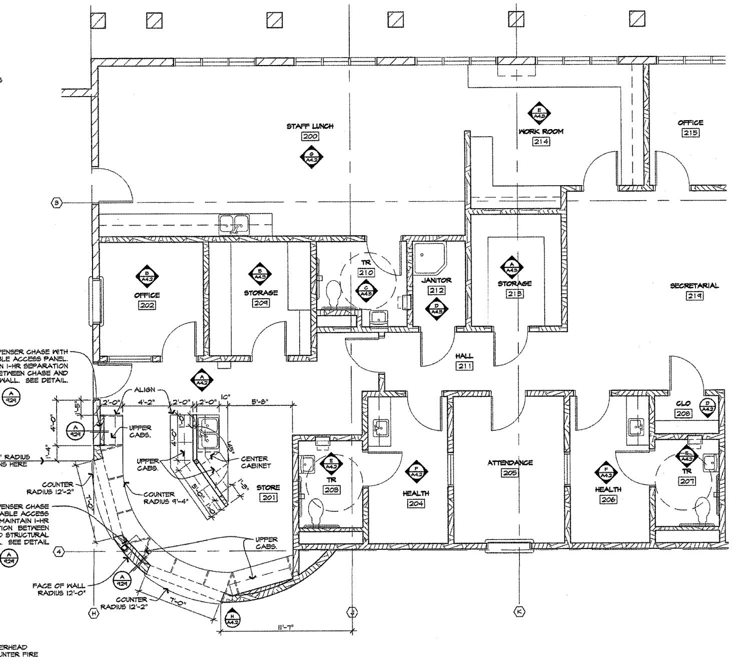

NOTE: SEE ENLARGED PLAN FOR PLAN DIMENSIONS
FIXED SHELF OVER TOP OF WALL. PLAM TO RUN CONTINUOUS FROM FRONT TO BACK OVER TOP SHELF.
PROVIDE (4) ADJ. SHELVES BETWEEN FIXED UNITS, ONLY (3) SHELVES SHOWN
TYPICAL UPPER CABINET WITH OPEN SHELVES, SEE DETAIL
PLAM SPLASH, TYP.
ACCESSIBLE SINK CABINET, SEE DETAIL
TO TOP OF SINK RIM
FIXED MICROWAVE CABINET WITH ADJUSTABLE SHELF ABOVE, TYP. OF (8), (1) AT EACH END OF CENTER CABINET
OPEN ABOVE
TYPICAL LOWER CABINET WITH SLOPED OPEN SHELVES, SEE DETAIL
RUBBER BASE, TYP.
OPEN ABOVE CABINET
OPEN CABINET WITH (2) ADJ. SHELVES, DIVIDE AS SHOWN
ACCESSIBLE SINK CABINET, SEE DETAIL
LOOKING NORTH
LOOKING EAST
LOOKING WEST

A A4.2 STUDENT STORE CENTER CABINETS #201


NORTH
EAST
SOUTH
WEST
RUBBER BASE, TYP.
OUTLINE OF CABINETS THAT TERMINATE INTO WALL
UPPER CABINETS, OPEN WITH (2) ADJ. SHELVES, SEE SIMILAR DETAIL
OVERHEAD DOOR
LOWER CABINETS, OPEN WITH (1) ADJ. SHELVES
LOWER CABINET (OPEN), (1) ADJ SHELF
LOWER CABINETS, OPEN WITH (1) ADJ. SHELVES

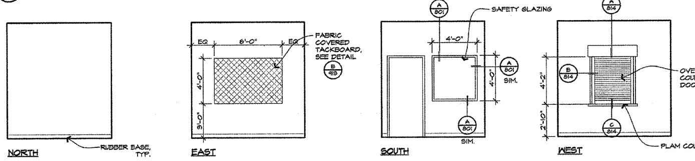
A A4.2 INTERIOR ELEVATIONS - STUDENT STORE #201

SCALE: 1/4" = 1'-0"



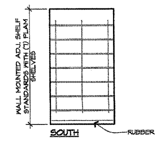
C A4.2 PLAN AT ADMINISTRATION

SCALE: 1/4" = 1'-0"


NORTH
EAST
SOUTH
WEST
RUBBER BASE, TYP.
FABRIC COVERED TACKBOARD, SEE DETAIL
SAFETY GLAZING
OVERHEAD COUNTER FIRE DOOR
PLAM COUNTER

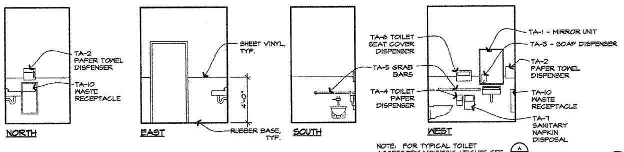
B A4.2 INTERIOR ELEVATIONS - OFFICE #202

SCALE: 1/4" = 1'-0"



D A4.2 INTERIOR ELEVATIONS - CLOSET #208

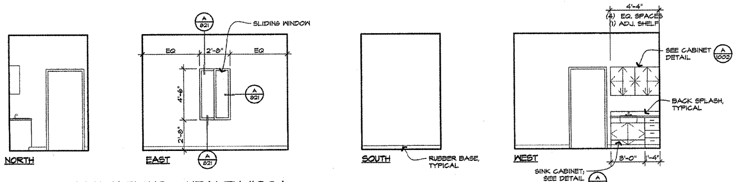
SCALE: 1/4" = 1'-0"


NORTH
EAST
SOUTH
WEST
TA-2 PAPER TOWEL DISPENSER
TA-10 WASTE RECEPTACLE
SHEET VINYL, TYP.
RUBBER BASE, TYP.
TA-6 TOILET SEAT COVER DISPENSER
TA-5 GRAB BARS
TA-4 TOILET PAPER DISPENSER
TA-1 - MIRROR UNIT
TA-3 - SOAP DISPENSER
TA-2 PAPER TOWEL DISPENSER
TA-10 WASTE RECEPTACLE
TA-7 SANITARY NAPKIN DISPOSAL
NOTE: FOR TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS SEE:

E A4.2 INTERIOR ELEVATIONS - HEALTH ROOM #203
INTERIOR ELEVATIONS - HEALTH ROOM #207 (OPPOSITE HAND)

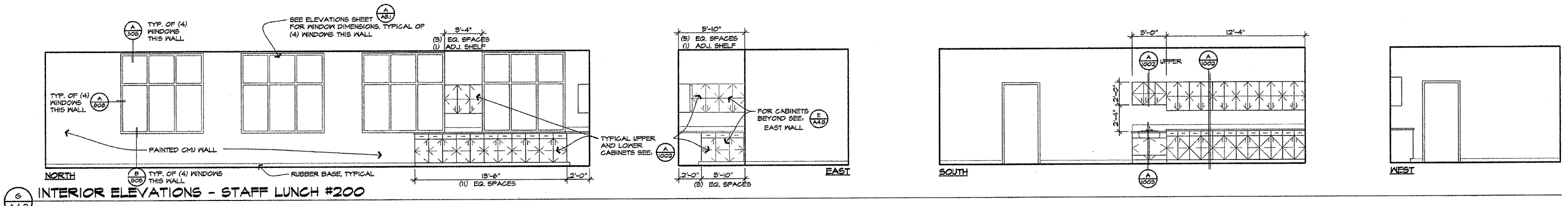
NOTE: SEE SHEET A4.1 FOR SCHEDULE OF TOILET ACCESSORIES.

SCALE: 1/4" = 1'-0"



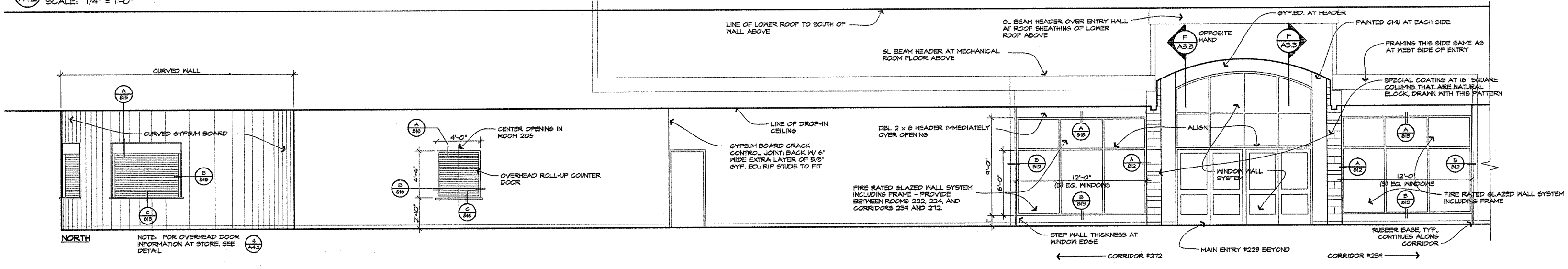
F A4.2 INTERIOR ELEVATIONS - HEALTH #204
INTERIOR ELEVATIONS - HEALTH #206 (OPPOSITE HAND)

SCALE: 1/4" = 1'-0"


TYP. OF (4) WINDOWS THIS WALL
SEE ELEVATIONS SHEET FOR WINDOW DIMENSIONS, TYPICAL OF (4) WINDOWS THIS WALL
(3) EQ. SPACES (1) ADJ. SHELF
PAINTED CMU WALL
RUBBER BASE, TYPICAL
TYPICAL UPPER AND LOWER CABINETS SEE:
(11) EQ. SPACES
FOR CABINETS BEYOND SEE: EAST WALL
(3) EQ. SPACES
UPPER
NORTH
EAST
SOUTH
WEST

G A4.2 INTERIOR ELEVATIONS - STAFF LUNCH #200

SCALE: 1/4" = 1'-0"


CURVED WALL
CURVED GYPSUM BOARD
NORTH
NOTE: FOR OVERHEAD DOOR INFORMATION AT STORE, SEE DETAIL
CENTER OPENING IN ROOM 205
OVERHEAD ROLL-UP COUNTER DOOR
LINE OF LOWER ROOF TO SOUTH OF WALL ABOVE
LINE OF DROP-IN CEILING
GYPSUM BOARD CRACK CONTROL JOINT; BACK W/ 6" WIDE EXTRA LAYER OF 5/8" GYP. BD.; RIP STUDS TO FIT
GL BEAM HEADER AT MECHANICAL ROOM FLOOR ABOVE
GL BEAM HEADER OVER ENTRY WALL AT ROOF SHEATHING OF LOWER ROOF ABOVE
DBL 2 x 8 HEADER IMMEDIATELY OVER OPENING
FIRE RATED GLAZED WALL SYSTEM INCLUDING FRAME - PROVIDE BETWEEN ROOMS 222, 224, AND CORRIDORS 294 AND 272.
(3) EQ. WINDOWS
STEP WALL THICKNESS AT WINDOW EDGE
CORRIDOR #272
OPPOSITE HAND
GYP.BD. AT HEADER
PAINTED CMU AT EACH SIDE
FRAMING THIS SIDE SAME AS AT WEST SIDE OF ENTRY
SPECIAL COATING AT 16" SQUARE COLUMNS THAT ARE NATURAL BLOCK, DRAWN WITH THIS PATTERN
ALIGN
WINDOW WALL SYSTEM
MAIN ENTRY #228 BEYOND
FIRE RATED GLAZED WALL SYSTEM INCLUDING FRAME
RUBBER BASE, TYP., CONTINUES ALONG CORRIDOR
CORRIDOR #294

H A4.2 INTERIOR ELEVATIONS - CORRIDOR #272 NORTH WALL

SCALE: 1/4" = 1'-0"

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BOND 2001
HIGH SCHOOL RECONSTRUCTION

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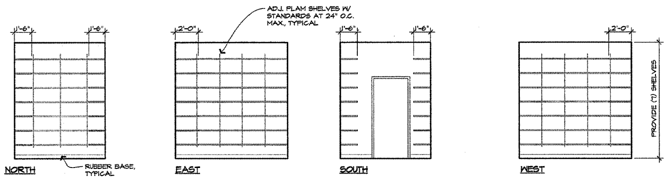
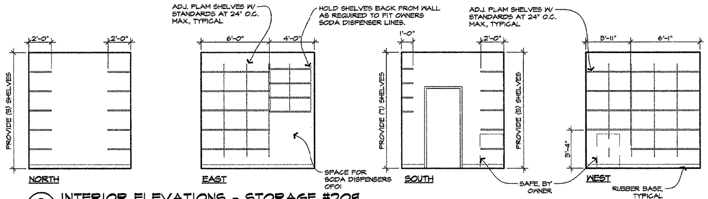
ENLARGED PLANS & INTERIOR ELEVATIONS - CORE

PROJECT NUMBER 01023
DATE 4-4-03

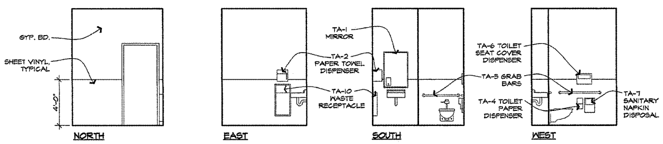
A4.2



A A4.3 INTERIOR ELEVATIONS - STORAGE #213
SCALE: 1/4" = 1'-0"

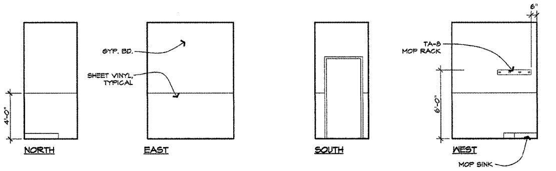

2'-0"
2'-0"
PROVIDE (5) SHELVES
ADJ. PLAM SHELVES W/ STANDARDS AT 24" O.C. MAX., TYPICAL
6'-0"
4'-0"
HOLD SHELVES BACK FROM WALL AS REQUIRED TO FIT OWNERS SODA DISPENSER LINES.
1'-0"
2'-0"
PROVIDE (7) SHELVES
PROVIDE (5) SHELVES
ADJ. PLAM SHELVES W/ STANDARDS AT 24" O.C. MAX., TYPICAL
3'-11"
6'-1"
3'-4"
SPACE FOR SODA DISPENSERS OFOI
SAFE, BY OWNER
RUBBER BASE, TYPICAL
NORTH
EAST
SOUTH
WEST

B A4.3 INTERIOR ELEVATIONS - STORAGE #209
SCALE: 1/4" = 1'-0"

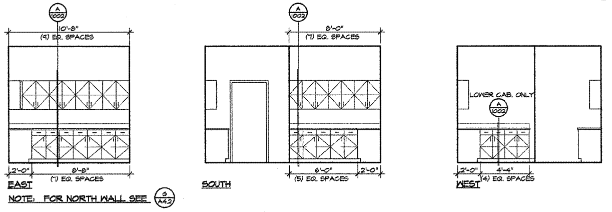

GYP. BD.
SHEET VINYL, TYPICAL
4'-0"
TA-1 MIRROR
TA-2 PAPER TOWEL DISPENSER
TA-10 WASTE RECEPTACLE
TA-6 TOILET SEAT COVER DISPENSER
TA-5 GRAB BARS
TA-4 TOILET PAPER DISPENSER
TA-7 SANITARY NAPKIN DISPOSAL
NORTH
EAST
SOUTH
WEST

NOTE: FOR TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS AND STANDARDS, SEE DETAIL A 1001

C A4.3 INTERIOR ELEVATIONS - TOILET ROOM #210
SCALE: 1/4" = 1'-0"

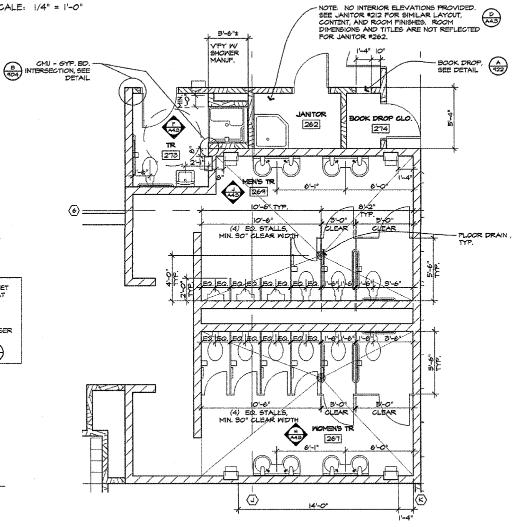


D A4.3 INTERIOR ELEVATIONS - JANITOR #212
SCALE: 1/4" = 1'-0"



NOTE: FOR NORTH WALL SEE G A4.2

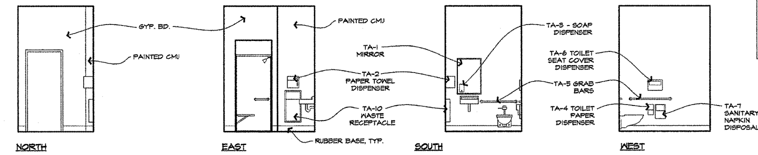
E A4.3 INTERIOR ELEVATIONS - WORK ROOM #214
SCALE: 1/4" = 1'-0"


NOTE: NO INTERIOR ELEVATIONS PROVIDED. SEE JANITOR #212 FOR SIMILAR LAYOUT, CONTENT, AND ROOM FINISHES. ROOM DIMENSIONS AND TITLES ARE NOT REFLECTED FOR JANITOR #262. D A4.3
3'-6"±
V'FY W/ SHOWER MANUF.
B 904 CMU - GYP. BD. INTERSECTION, SEE DETAIL
1'-4"
10"
BOOK DROP, SEE DETAIL A 922
MIN. 1'-0"
JANITOR 262
BOOK DROP CLO. 274
5'-4"
F A4.3
TR 273
8"
2'-1"
1'-6"
J A4.3
MEN'S TR 269
6'-1"
6'-0"
1'-4"
6
10'-6" TYP.
8'-2" TYP.
10'-6"
(4) EQ. STALLS, MIN. 30" CLEAR WIDTH
3'-0" CLEAR
5'-0" CLEAR
FLOOR DRAIN, TYP.
4'-0" TYP.
2'-0" TYP.
EQ. EQ. EQ. EQ. EQ. EQ. EQ. EQ.
1'-6"
1'-6"
1'-6"
3'-6"
5'-6" TYP.
10'-6"
(4) EQ. STALLS, MIN. 30" CLEAR WIDTH
3'-0" CLEAR
5'-0" CLEAR
H A4.3
WOMEN'S TR 267
6'-1"
6'-0"
J
K
14'-0"
1'-4"
NORTH

NOTE: FOR TYPICAL WATER CLOSET STALL PROVIDE THE FOLLOWING AT EACH STALL:

TA-4 TOILET PAPER DISPENSER
TA-5 GRAB BARS
TA-6 TOILET SEAT COVER DISPENSER
TA-7 SANITARY NAPKIN DISPOSAL

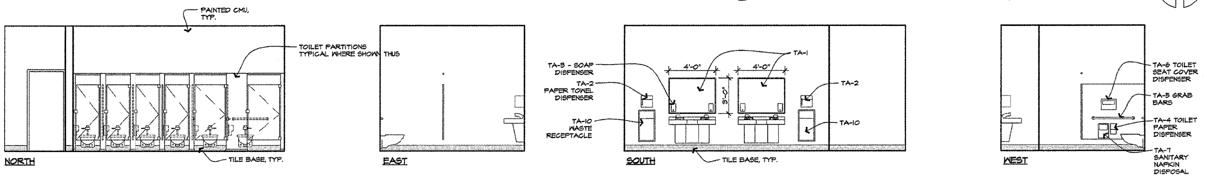
MOUNT AS SHOWN ON DETAIL A 1001



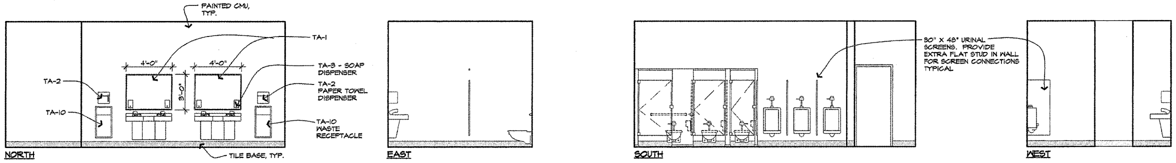
F A4.3 INTERIOR ELEVATIONS - TOILET ROOM #273
SCALE: 1/4" = 1'-0"

NOTE: FOR TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS AND STANDARDS, SEE DETAIL. SEE SHEET A4.1 FOR SCHEDULE OF TOILET ACCESSORIES. A 1001

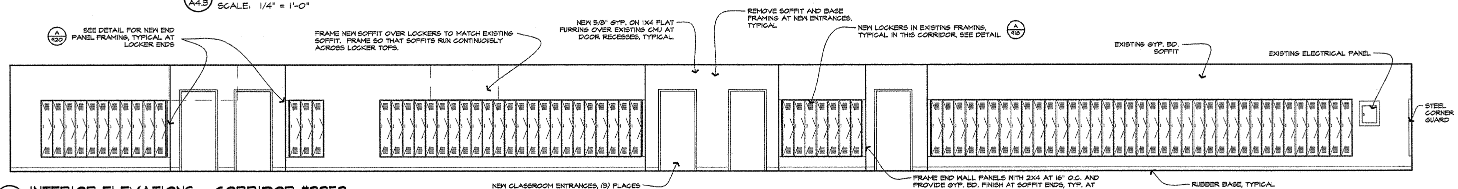
G A4.3 PLAN AT TOILET ROOMS- #267, #269, #273
SCALE: 1/4" = 1'-0"


PAINTED CMU, TYP.
TOILET PARTITIONS TYPICAL WHERE SHOWN THUS
TA-3 - SOAP DISPENSER
TA-2 PAPER TOWEL DISPENSER
TA-10 WASTE RECEPTACLE
4'-0"
4'-0"
3'-0"
TA-1
TA-2
TA-10
TILE BASE, TYP.
TILE BASE, TYP.
TA-6 TOILET SEAT COVER DISPENSER
TA-5 GRAB BARS
TA-4 TOILET PAPER DISPENSER
TA-7 SANITARY NAPKIN DISPOSAL
NORTH
EAST
SOUTH
WEST

H A4.3 INTERIOR ELEVATIONS - WOMEN'S TOILET ROOM #267
SCALE: 1/4" = 1'-0"



J A4.3 INTERIOR ELEVATIONS - MEN'S TOILET ROOM #269
SCALE: 1/4" = 1'-0"


A 920 SEE DETAIL FOR NEW END PANEL FRAMING, TYPICAL AT LOCKER ENDS
FRAME NEW SOFFIT OVER LOCKERS TO MATCH EXISTING SOFFIT. FRAME SO THAT SOFFITS RUN CONTINUOUSLY ACROSS LOCKER TOPS.
NEW 5/8" GYP. ON 1X4 FLAT FURRING OVER EXISTING CMU AT DOOR RECESSES, TYPICAL.
REMOVE SOFFIT AND BASE FRAMING AT NEW ENTRANCES, TYPICAL
NEW LOCKERS IN EXISTING FRAMING, TYPICAL IN THIS CORRIDOR, SEE DETAIL A 918
EXISTING GYP. BD. SOFFIT
EXISTING ELECTRICAL PANEL
STEEL CORNER GUARD
NEW CLASSROOM ENTRANCES, (3) PLACES TYPICAL ALONG EXISTING WALL.
FRAME END WALL PANELS WITH 2X4 AT 16" O.C. AND PROVIDE GYP. BD. FINISH AT SOFFIT ENDS, TYP. AT NEW DOORS AND LOCKERS
RUBBER BASE, TYPICAL

K A4.3 INTERIOR ELEVATIONS - CORRIDOR #2252
SCALE: 1/4" = 1'-0"

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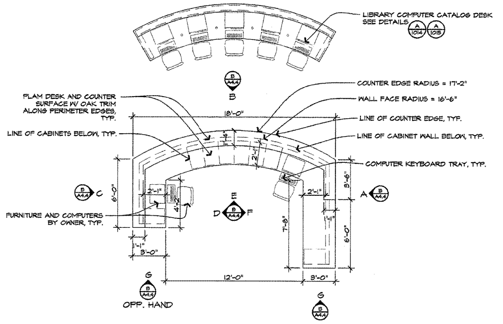
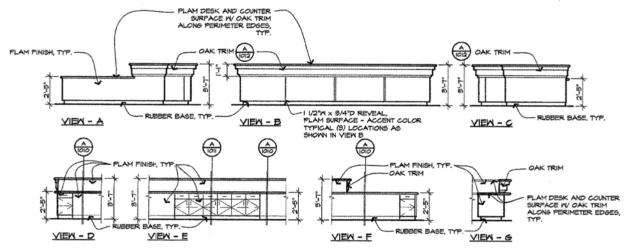
A4.3

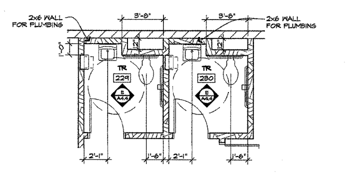

LIBRARY COMPUTER CATALOG DESK
SEE DETAILS A/1014 A/1015
B/A4.4 B
COUNTER EDGE RADIUS = 17'-2"
WALL FACE RADIUS = 16'-6"
PLAM DESK AND COUNTER SURFACE W/ OAK TRIM ALONG PERIMETER EDGES, TYP.
LINE OF COUNTER EDGE, TYP.
18'-0"
LINE OF CABINETS BELOW, TYP.
LINE OF CABINET WALL BELOW, TYP.
COMPUTER KEYBOARD TRAY, TYP.
2'-1"
3'-6"
6'-0"
B/A4.4 C
A B/A4.4
E
D B/A4.4 F
FURNITURE AND COMPUTERS BY OWNER, TYP.
4'-2"
7'-8"
1'-1"
3'-0"
12'-0"
G B/A4.4
OPP. HAND

(A / A4.4) ENLARGED PLAN - LIBRARY CIRCULATION DESK
SCALE: 1/4" = 1'-0"

NORTH

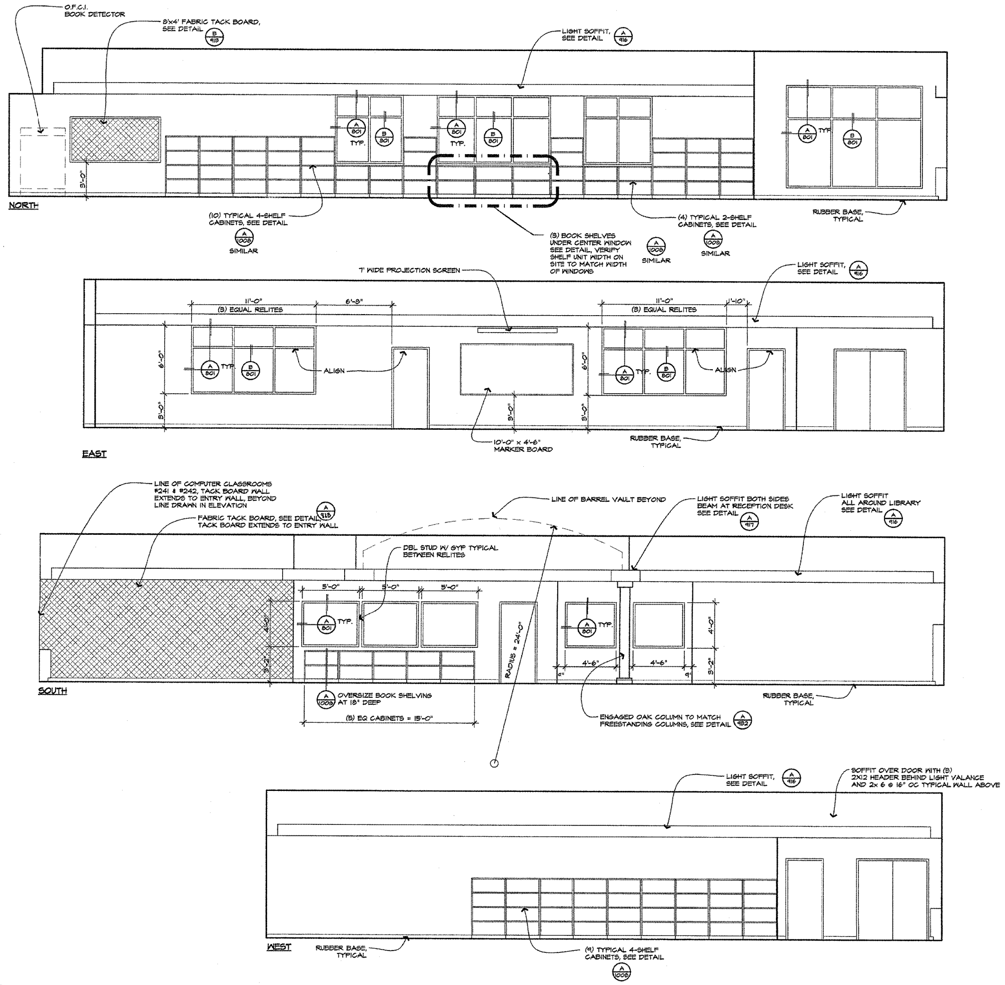

PLAM DESK AND COUNTER SURFACE W/ OAK TRIM ALONG PERIMETER EDGES, TYP.
PLAM FINISH, TYP.
OAK TRIM A/1012
A/1012 OAK TRIM
2'-5"
3'-7"
1'-1"
RUBBER BASE, TYP.
VIEW - A
VIEW - B
VIEW - C
1 1/2"W x 3/4"D REVEAL, PLAM SURFACE - ACCENT COLOR TYPICAL (3) LOCATIONS AS SHOWN IN VIEW B
A/1010
A/1011
A/1010
A/1010
PLAM FINISH, TYP.
OAK TRIM
PLAM DESK AND COUNTER SURFACE W/ OAK TRIM ALONG PERIMETER EDGES, TYP.
VIEW - D
VIEW - E
VIEW - F
VIEW - G

(B / A4.4) CABINET ELEVATIONS - LIBRARY CIRCULATION DESK
SCALE: 1/4" = 1'-0"

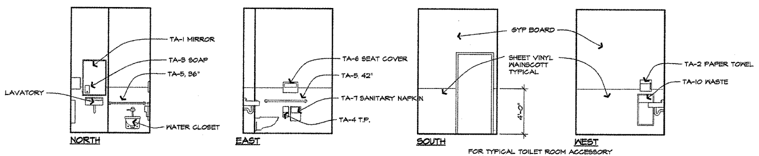


(C / A4.4) PLAN AT TOILET ROOMS #229 & #230
SCALE: 1/4" = 1'-0"

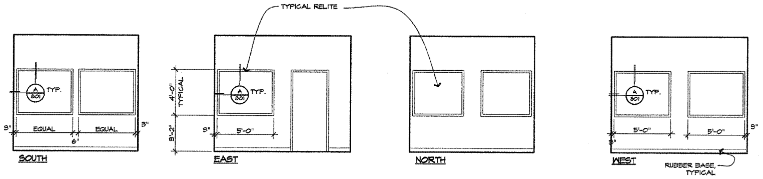
NORTH


O.F.C.I. BOOK DETECTOR
8'x4' FABRIC TACK BOARD, SEE DETAIL B/913
LIGHT SOFFIT, SEE DETAIL A/916
A/801 TYP.
B/801
3'-0"
NORTH
(10) TYPICAL 4-SHELF CABINETS, SEE DETAIL A/1008 SIMILAR
(3) BOOK SHELVES UNDER CENTER WINDOW SEE DETAIL, VERIFY SHELF UNIT WIDTH ON SITE TO MATCH WIDTH OF WINDOWS A/1008 SIMILAR
(4) TYPICAL 2-SHELF CABINETS, SEE DETAIL A/1008 SIMILAR
RUBBER BASE, TYPICAL
7' WIDE PROJECTION SCREEN
11'-0"
(3) EQUAL RELITES
6'-8"
1'-10"
6'-0"
ALIGN
10'-0" x 4'-6" MARKER BOARD
EAST
LINE OF COMPUTER CLASSROOMS #241 & #242, TACK BOARD WALL EXTENDS TO ENTRY WALL, BEYOND LINE DRAWN IN ELEVATION
FABRIC TACK BOARD, SEE DETAIL, A/913 TACK BOARD EXTENDS TO ENTRY WALL
LINE OF BARREL VAULT BEYOND
LIGHT SOFFIT BOTH SIDES BEAM AT RECEPTION DESK SEE DETAIL A/917
LIGHT SOFFIT ALL AROUND LIBRARY SEE DETAIL A/916
DBL STUD W/ GYP TYPICAL BETWEEN RELITES
5'-0"
4'-0"
3'-2"
RADIUS = 24'-0"
4'-6"
9"
SOUTH
A/1009 OVERSIZE BOOK SHELVING AT 18" DEEP
(5) EQ CABINETS = 15'-0"
ENGAGED OAK COLUMN TO MATCH FREESTANDING COLUMNS, SEE DETAIL A/982
SOFFIT OVER DOOR WITH (3) 2X12 HEADER BEHIND LIGHT VALANCE AND 2x 6 @ 16" OC TYPICAL WALL ABOVE
WEST
(9) TYPICAL 4-SHELF CABINETS, SEE DETAIL A/1008

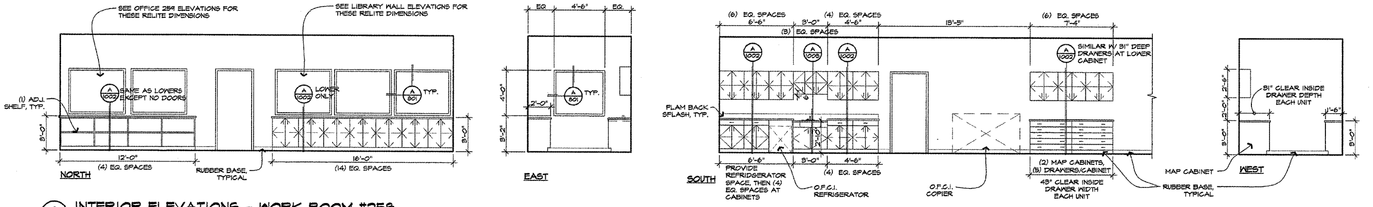
(D / A4.4) INTERIOR ELEVATIONS - LIBRARY #260
SCALE: 1/4" = 1'-0"



(E / A4.4) INTERIOR ELEVATIONS - TOILET ROOMS #229 & #230
SCALE: 1/4" = 1'-0"



(F / A4.4) INTERIOR ELEVATIONS - OFFICE #259
SCALE: 1/4" = 1'-0"


SEE OFFICE 259 ELEVATIONS FOR THESE RELITE DIMENSIONS
SEE LIBRARY WALL ELEVATIONS FOR THESE RELITE DIMENSIONS
A/1002 SAME AS LOWERS EXCEPT NO DOORS
(1) ADJ. SHELF, TYP.
A/1002 LOWER ONLY
A/801 TYP.
3'-0"
12'-0"
(4) EQ. SPACES
RUBBER BASE, TYPICAL
16'-0"
(14) EQ. SPACES
NORTH
EQ
4'-6"
EQ.
4'-0"
2'-0"
3'-2"
EAST
(6) EQ. SPACES
6'-6"
3'-0"
(4) EQ. SPACES
4'-6"
(3) EQ. SPACES
13'-5"
(6) EQ. SPACES
7'-4"
A/1002
A/1003
SIMILAR W/ 31" DEEP DRAWERS AT LOWER CABINET
PLAM BACK SPLASH, TYP.
2'-10"
SOUTH
PROVIDE REFRIDGERATOR SPACE, THEN (4) EQ. SPACES AT CABINETS
O.F.C.I. REFRIGERATOR
O.F.C.I. COPIER
(2) MAP CABINETS, (5) DRAWERS/CABINET
43" CLEAR INSIDE DRAWER WIDTH EACH UNIT
RUBBER BASE, TYPICAL
MAP CABINET
WEST
31" CLEAR INSIDE DRAWER DEPTH EACH UNIT
2'-6"
1'-6"

(G / A4.4) INTERIOR ELEVATIONS - WORK ROOM #258
SCALE: 1/4" = 1'-0"

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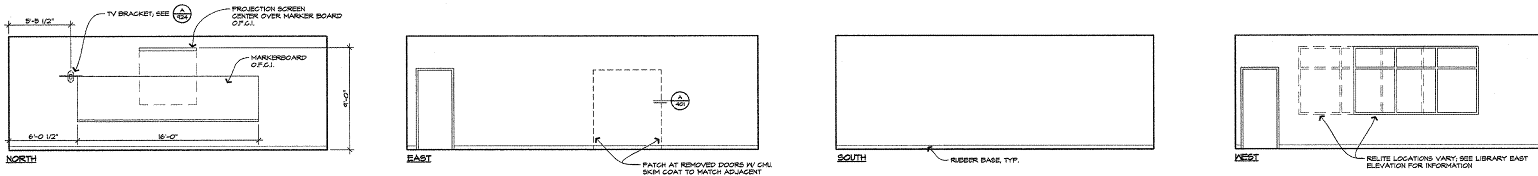
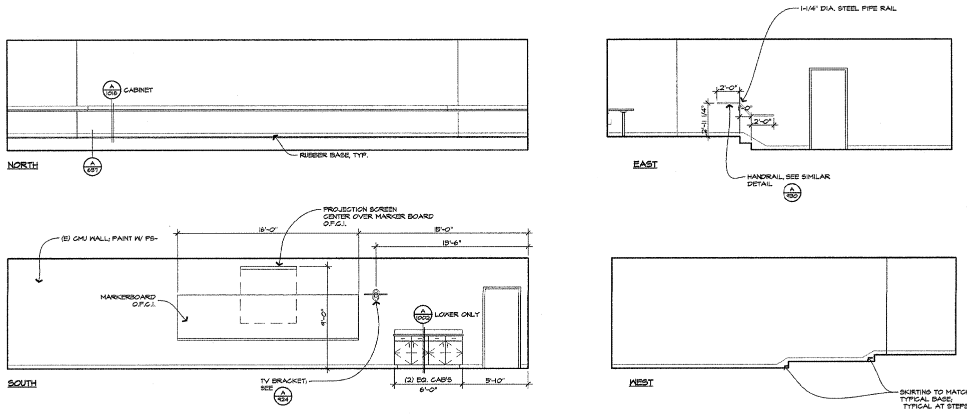
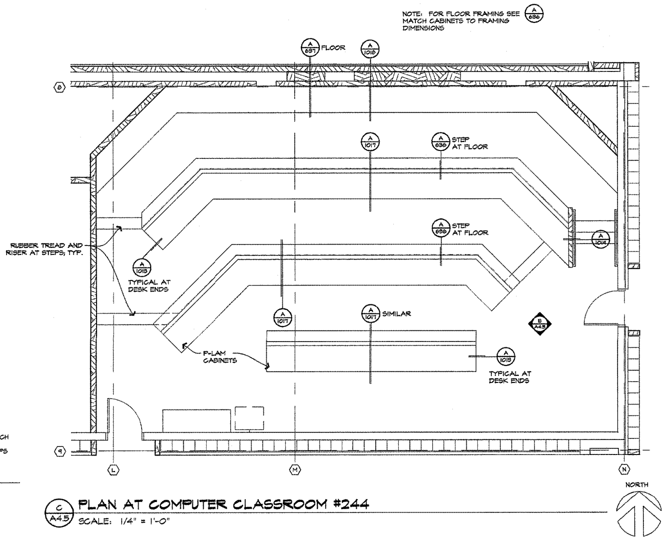
A4.4


TV BRACKET; SEE A/924
PROJECTION SCREEN CENTER OVER MARKER BOARD O.F.C.I.
MARKERBOARD O.F.C.I.
5'-5 1/2"
6'-0 1/2"
16'-0"
9'-0"
NORTH
EAST
A/401
PATCH AT REMOVED DOORS W/ CMU. SKIM COAT TO MATCH ADJACENT SURFACES
SOUTH
RUBBER BASE, TYP.
WEST
RELITE LOCATIONS VARY; SEE LIBRARY EAST ELEVATION FOR INFORMATION

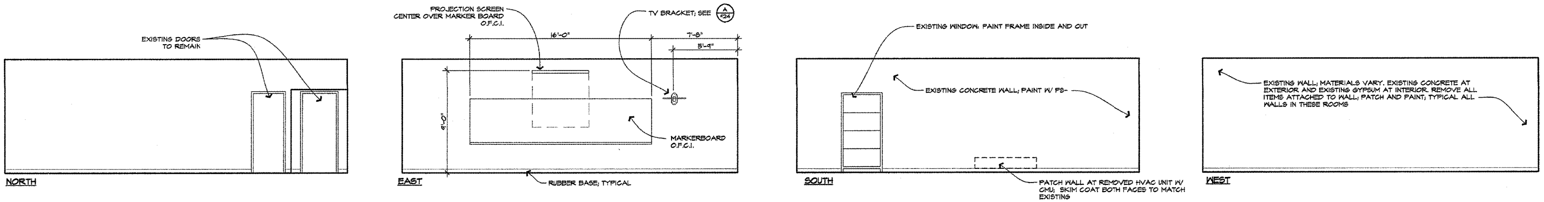
A/A4.5 INTERIOR ELEVATIONS - COMPUTER CLASSROOM #241 & #242
SCALE: 1/4" = 1'-0"


A/1018 CABINET
RUBBER BASE, TYP.
NORTH
A/637
1-1/4" DIA. STEEL PIPE RAIL
2'-0"
1'-0"
2'-0"
2'-11 1/4"
HANDRAIL, SEE SIMILAR DETAIL A/930
EAST
(E) CMU WALL; PAINT W/ PS-
PROJECTION SCREEN CENTER OVER MARKER BOARD O.F.C.I.
16'-0"
15'-0"
13'-6"
MARKERBOARD O.F.C.I.
9'-0"
A/1002 LOWER ONLY
TV BRACKET; SEE A/924
(2) EQ. CAB'S
6'-0"
5'-10"
SOUTH
WEST
SKIRTING TO MATCH TYPICAL BASE; TYPICAL AT STEPS

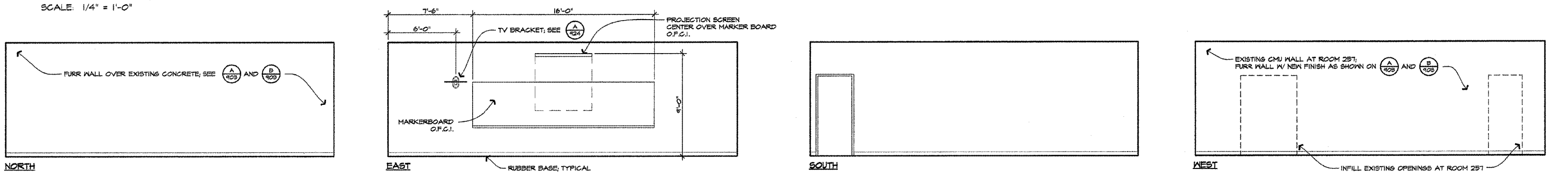
B/A4.5 INTERIOR ELEVATIONS - COMPUTER CLASSROOM #244
SCALE: 1/4" = 1'-0"


NOTE: FOR FLOOR FRAMING SEE A/636 MATCH CABINETS TO FRAMING DIMENSIONS
A/637 FLOOR
A/1018
A/1017
A/636 STEP AT FLOOR
A/638 STEP AT FLOOR
A/1014
RUBBER TREAD AND RISER AT STEPS; TYP.
A/1013 TYPICAL AT DESK ENDS
A/1017
A/1017 SIMILAR
B/A4.5
P-LAM CABINETS
A/1013 TYPICAL AT DESK ENDS
8
9
L
M
N
NORTH

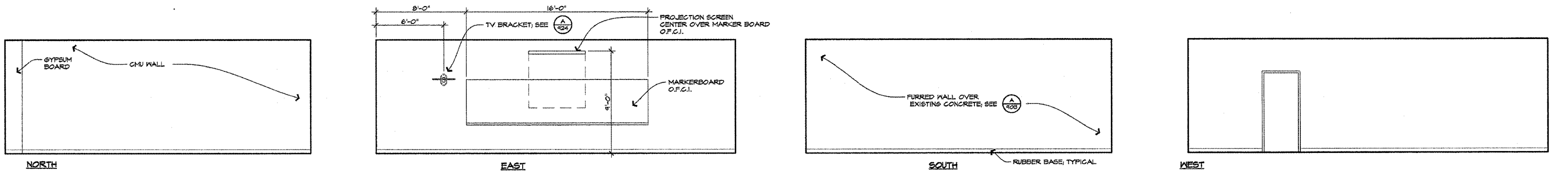
C/A4.5 PLAN AT COMPUTER CLASSROOM #244
SCALE: 1/4" = 1'-0"


EXISTING DOORS TO REMAIN
NORTH
PROJECTION SCREEN CENTER OVER MARKER BOARD O.F.C.I.
TV BRACKET; SEE A/924
16'-0"
7'-8"
5'-9"
9'-0"
MARKERBOARD O.F.C.I.
EAST
RUBBER BASE; TYPICAL
EXISTING WINDOW: PAINT FRAME INSIDE AND OUT
EXISTING CONCRETE WALL; PAINT W/ PS-
SOUTH
PATCH WALL AT REMOVED HVAC UNIT W/ CMU; SKIM COAT BOTH FACES TO MATCH EXISTING
EXISTING WALL; MATERIALS VARY. EXISTING CONCRETE AT EXTERIOR AND EXISTING GYPSUM AT INTERIOR. REMOVE ALL ITEMS ATTACHED TO WALL; PATCH AND PAINT; TYPICAL ALL WALLS IN THESE ROOMS
WEST

D/A4.5 INTERIOR ELEVATIONS - EXISTING CLASSROOM #248
SIMILAR CLASSROOMS - #246, #247, & #249
SCALE: 1/4" = 1'-0"


FURR WALL OVER EXISTING CONCRETE; SEE A/903 AND B/903
NORTH
7'-6"
6'-0"
16'-0"
TV BRACKET; SEE A/924
PROJECTION SCREEN CENTER OVER MARKER BOARD O.F.C.I.
MARKERBOARD O.F.C.I.
9'-0"
EAST
RUBBER BASE; TYPICAL
SOUTH
EXISTING CMU WALL AT ROOM 257; FURR WALL W/ NEW FINISH AS SHOWN ON A/903 AND B/903
INFILL EXISTING OPENINGS AT ROOM 257
WEST

E/A4.5 INTERIOR ELEVATIONS - CLASSROOM #257
(CLASSROOM #256 OPPOSITE HAND)
SCALE: 1/4" = 1'-0"



F/A4.5 INTERIOR ELEVATIONS - CLASSROOM #263
SCALE: 1/4" = 1'-0"

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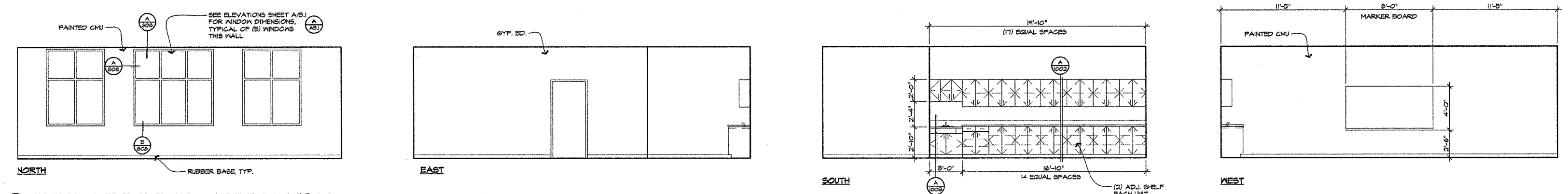
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△	REVISED

ENLARGED PLANS &
INTERIOR ELEVATIONS
- CORE

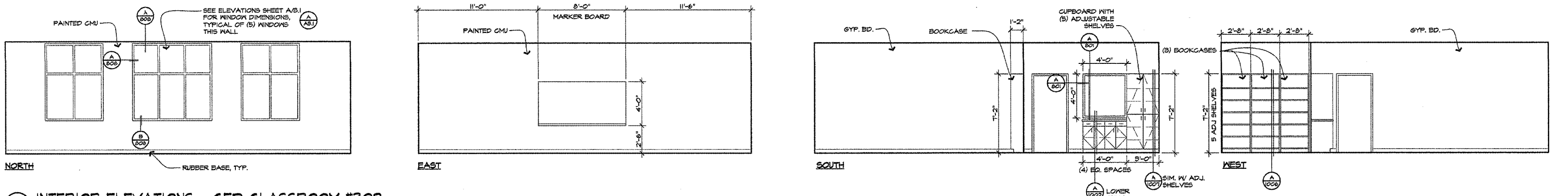
PROJECT NUMBER	DATE
01023	4-4-03

A4.5



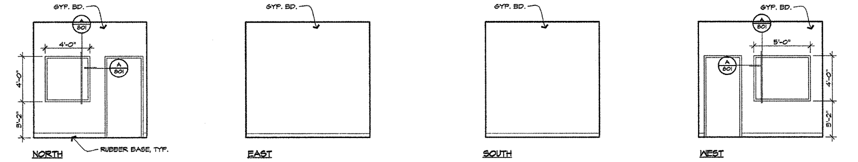
INTERIOR ELEVATIONS - ART ROOM #300

A
A4.6
SCALE: 1/4" = 1'-0"



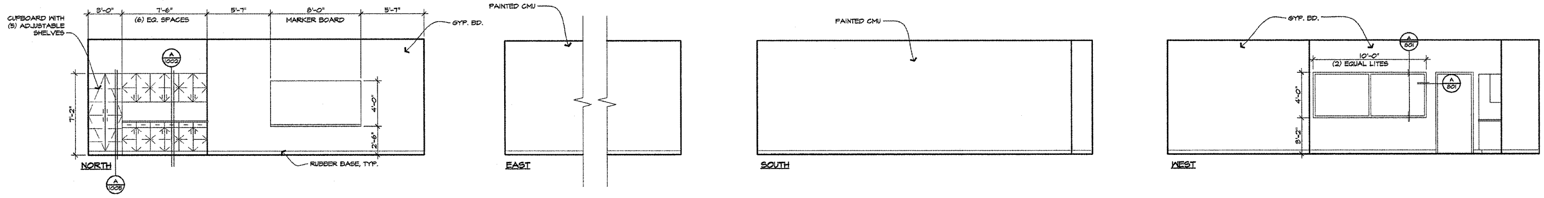
INTERIOR ELEVATIONS - GED CLASSROOM #302

B
A4.6
SCALE: 1/4" = 1'-0"



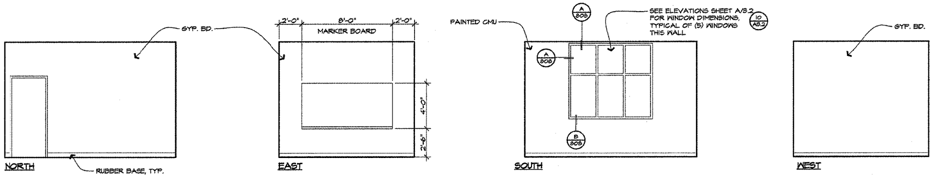
INTERIOR ELEVATIONS - TESTING ROOM #303

C
A4.6
SCALE: 1/4" = 1'-0"



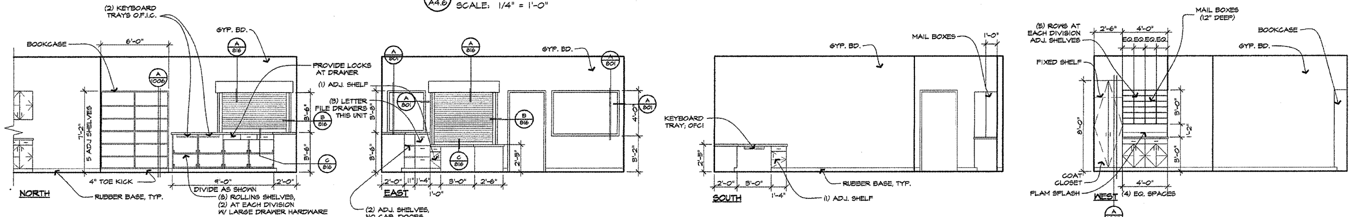
INTERIOR ELEVATIONS - COMPUTER CLASSROOM #304

D
A4.6
SCALE: 1/4" = 1'-0"


GYP. BD.
NORTH
RUBBER BASE, TYP.
2'-0"
8'-0"
MARKER BOARD
EAST
PAINTED CMU
SEE ELEVATIONS SHEET A/3.2 FOR WINDOW DIMENSIONS, TYPICAL OF (3) WINDOWS THIS WALL
SOUTH
WEST

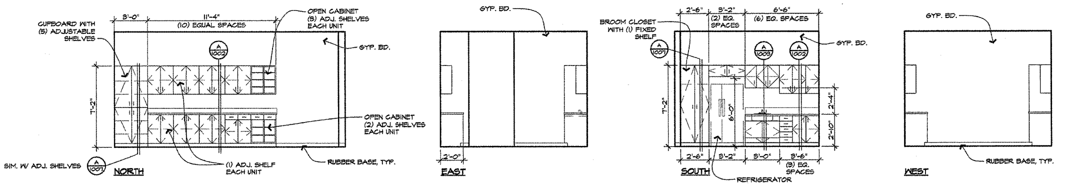
INTERIOR ELEVATIONS - ITV/CONFERENCE ROOM #305

E
A4.6
SCALE: 1/4" = 1'-0"



INTERIOR ELEVATIONS - OFFICE #313

F
A4.6
SCALE: 1/4" = 1'-0"



INTERIOR ELEVATIONS - WORKROOM #314

G
A4.6
SCALE: 1/4" = 1'-0"

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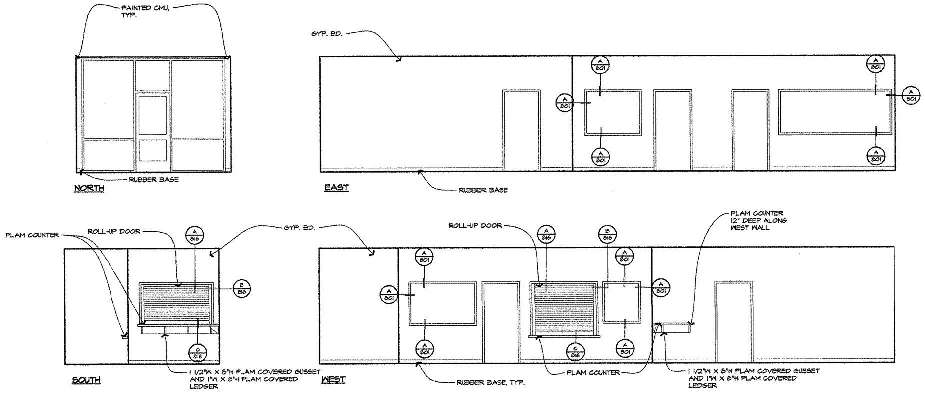
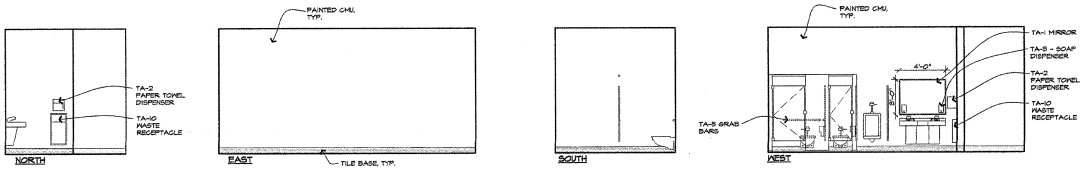
ENLARGED PLANS &
INTERIOR ELEVATIONS
- EAST

PROJECT NUMBER	DATE
01023	4-4-03

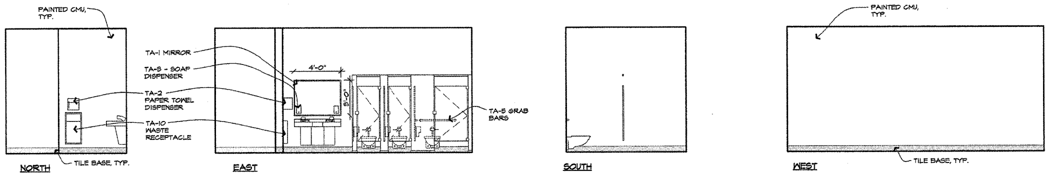
A4.6


PAINTED CMU, TYP.
GYP. BD.
RUBBER BASE
NORTH
EAST
RUBBER BASE
PLAM COUNTER
ROLL-UP DOOR
GYP. BD.
ROLL-UP DOOR
PLAM COUNTER 12" DEEP ALONG WEST WALL
1 1/2"W X 8"H PLAM COVERED GUSSET AND 1"W X 8"H PLAM COVERED LEDGER
SOUTH
WEST
RUBBER BASE, TYP.
PLAM COUNTER
1 1/2"W X 8"H PLAM COVERED GUSSET AND 1"W X 8"H PLAM COVERED LEDGER
A 801
B 816
C 816

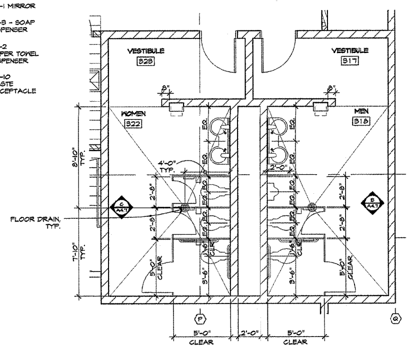
A/A4.7 INTERIOR ELEVATIONS - LOBBY #301 & CORRIDOR #312
SCALE: 1/4" = 1'-0"



B/A4.7 INTERIOR ELEVATIONS - MEN'S TOILET ROOM #403
SCALE: 1/4" = 1'-0"



C/A4.7 INTERIOR ELEVATIONS - WOMEN'S TOILET ROOM #407
SCALE: 1/4" = 1'-0"



D/A4.7 ENLARGED PLAN - WOMEN # 322
ENLARGED PLAN - MEN #318
SCALE: 1/4" = 1'-0"

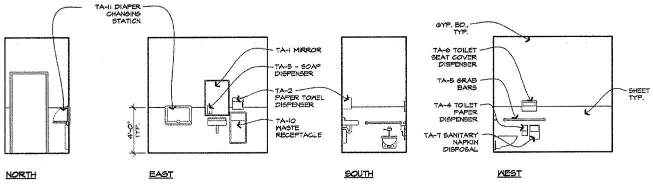
NORTH

NOTE: FOR TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS AND STANDARDS, SEE DETAIL A/1001. SEE SHEET A4.1 FOR SCHEDULE OF TOILET ACCESSORIES.

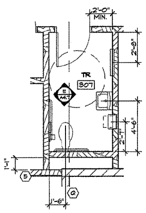
NOTE: FOR TYPICAL WATER CLOSET STALL PROVIDE THE FOLLOWING AT EACH STALL:

TA-4 TOILET PAPER DISPENSER
TA-5 GRAB BARS
TA-6 TOILET SEAT COVER DISPENSER
TA-7 SANITARY NAPKIN DISPOSAL

MOUNT AS SHOWN ON DETAIL A/1001

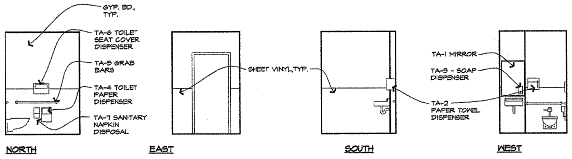

TA-11 DIAPER CHANGING STATION
NORTH
TA-1 MIRROR
TA-3 - SOAP DISPENSER
TA-2 PAPER TOWEL DISPENSER
TA-10 WASTE RECEPTACLE
4'-0"
1'-7"
EAST
SOUTH
GYP. BD., TYP.
TA-6 TOILET SEAT COVER DISPENSER
TA-5 GRAB BARS
TA-4 TOILET PAPER DISPENSER
TA-7 SANITARY NAPKIN DISPOSAL
SHEET VINYL, TYP.
WEST

E/A4.7 INTERIOR ELEVATIONS - TOILET ROOM #307
SCALE: 1/4" = 1'-0"

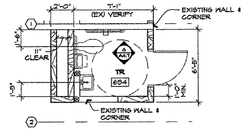


F/A4.7 ENLARGED PLAN - TOILET ROOM #307
SCALE: 1/4" = 1'-0"

NORTH


GYP. BD., TYP.
TA-6 TOILET SEAT COVER DISPENSER
TA-5 GRAB BARS
TA-4 TOILET PAPER DISPENSER
TA-7 SANITARY NAPKIN DISPOSAL
NORTH
SHEET VINYL,TYP.
EAST
SOUTH
TA-1 MIRROR
TA-3 - SOAP DISPENSER
TA-2 PAPER TOWEL DISPENSER
WEST

G/A4.7 INTERIOR ELEVATIONS - TOILET ROOM #634
SCALE: 1/4" = 1'-0"



H/A4.7 ENLARGED PLAN - TOILET ROOM #634
SCALE: 1/4" = 1'-0"

NORTH

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CONSULTANTS

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BOND 2001
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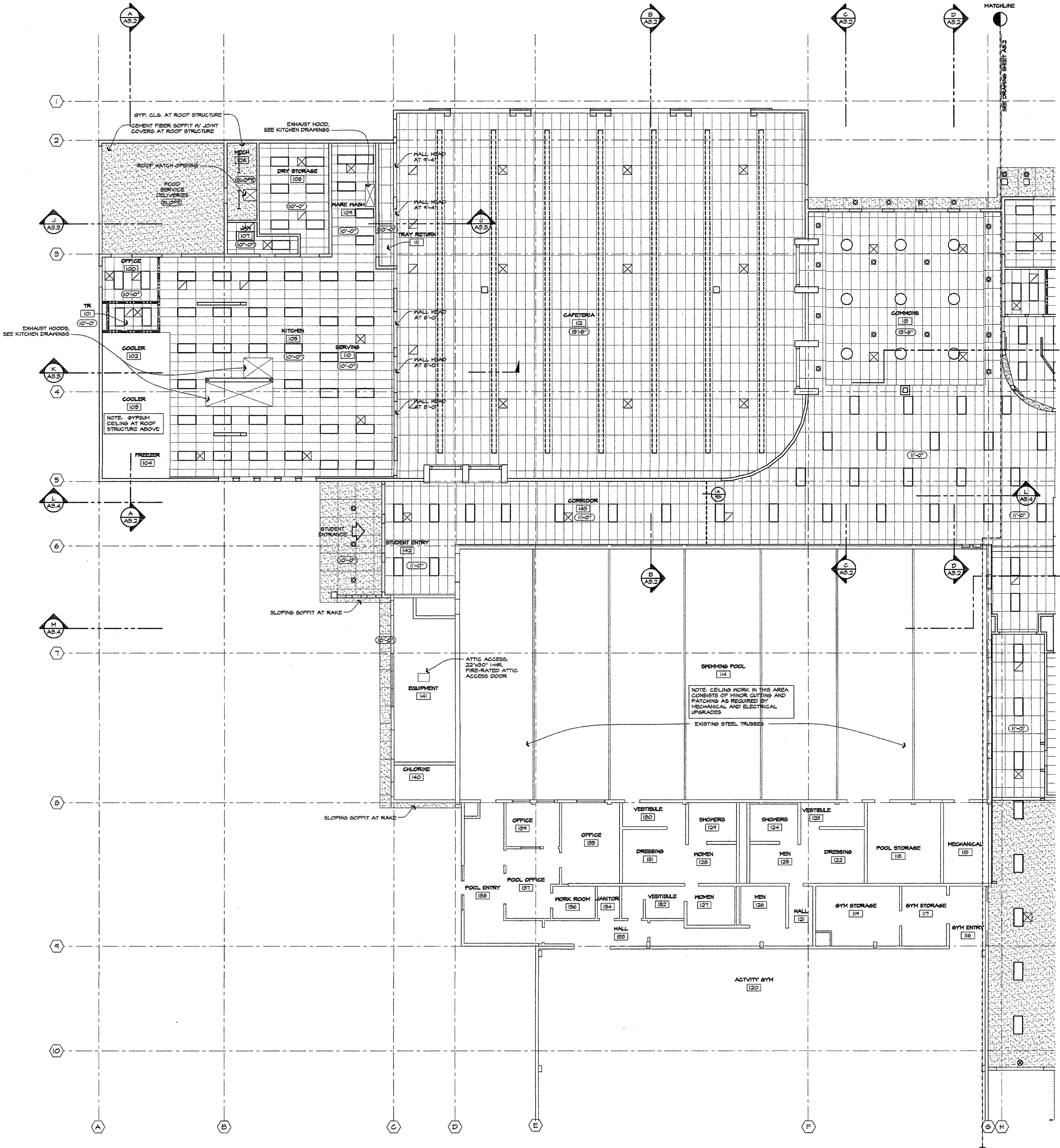
△ REVISED

ENLARGED PLANS & INTERIOR ELEVATIONS - EAST

PROJECT NUMBER	DATE
01023	4-4-03

A4.7



REFLECTED CEILING PLAN - WEST

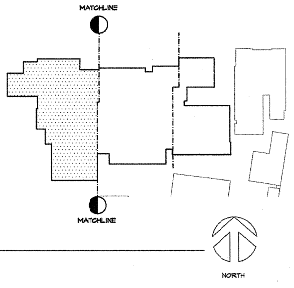
SCALE: 1/8" = 1'-0"

GENERAL REFLECTED CEILING PLAN NOTES:

1. LIGHT FIXTURES AND MECHANICAL GRILLES SHOWN FOR REFERENCE ONLY. SEE MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. REPORT CONFLICTS TO ARCHITECT PRIOR TO BIDDING.
2. SOME EXISTING CEILINGS MAY CONTAIN ASBESTOS. OWNER WILL REMOVE ASBESTOS FROM AREAS OF WORK PRIOR TO START OF CONSTRUCTION. DO NOT CUT OR ATTACH TO EXISTING CEILINGS WITHOUT CONSULTING WITH OWNER.

REFLECTED CEILING PLAN LEGEND:

▭	SUSPENDED CEILING PANEL SYSTEM - TYPE 1 U.N.O. SEE FINISH SCHEDULE
▨	GYPSUM BOARD CEILING AT INTERIOR FIBER CEMENT BOARD W/JOINT COVERS AT EXTERIOR GYPSUM SOFFIT BOARD AT CURVED ENTRY VAULTS
▦	ACOUSTICAL CEILING TILES ADHERED TO GYPSUM BOARD
(X'-XX")	CEILING HEIGHT
⊠	CEILING MOUNTED HVAC REGISTER (SEE MECHANICAL)
▭ ▣	RECESSED LIGHT FIXTURES (SEE ELECTRICAL)
▭ ├─┤	SURFACE MOUNT LIGHT FIXTURE (SEE ELECTRICAL)
○ ▭	SUSPENDED LIGHT FIXTURE (SEE ELECTRICAL)
⊗	CEILING MOUNTED EXIT SIGN (SEE ELECTRICAL)
▬	INDICATES WALL WHICH TERMINATES JUST ABOVE CEILING; SEE A/904
▬	INDICATES SOUND WALL; SEE C/902
▬	INDICATES DRAFT STOP WALL ABOVE CEILING



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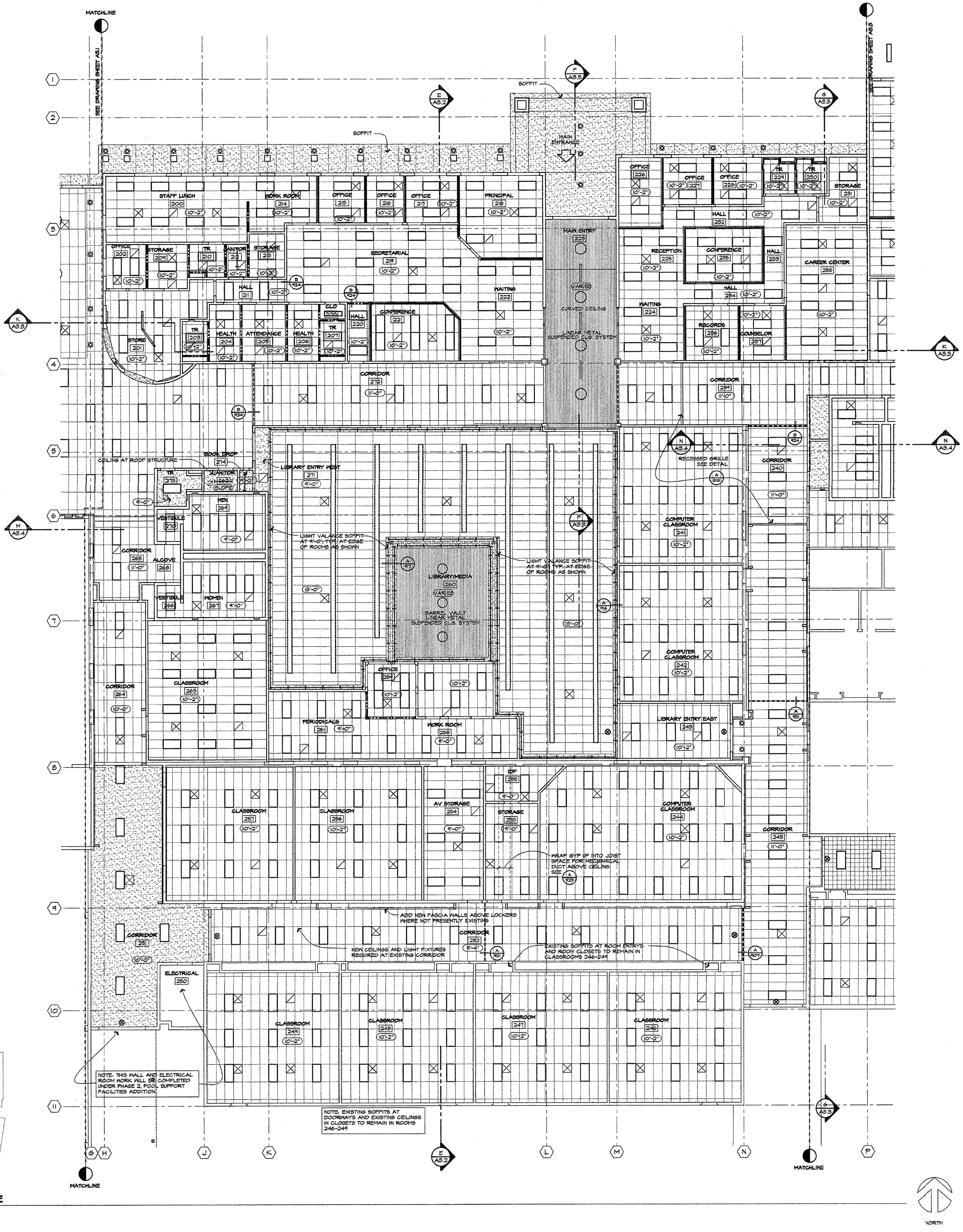
REFLECTED CEILING PLAN - WEST

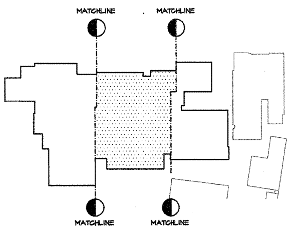
PROJECT NUMBER	DATE
01023	4-4-03

A5.1



NOTE:

FOR GENERAL NOTES AND CEILING LEGEND SEE SHEET A5.1



REFLECTED CEILING PLAN - CORE

SCALE: 1/8" = 1'-0"

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BOND 2001
HIGH SCHOOL RECONSTRUCTION

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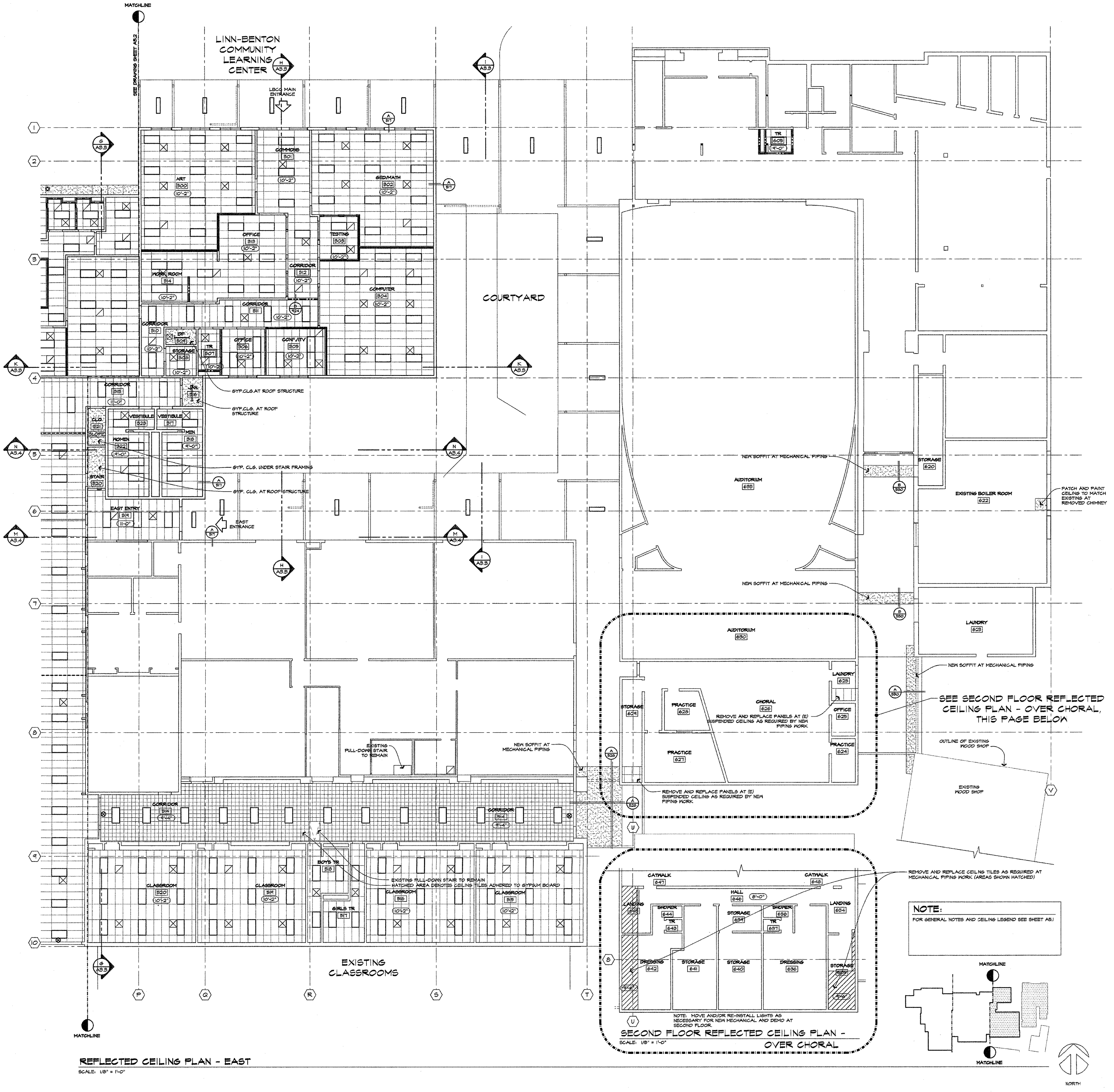
REFLECTED CEILING
PLAN - CORE

PROJECT NUMBER	DATE
01023	4-4-03

A5.2



REFLECTED CEILING PLAN - EAST

SCALE: 1/8" = 1'-0"

SECOND FLOOR REFLECTED CEILING PLAN - OVER CHORAL

SCALE: 1/8" = 1'-0"

NOTE:

FOR GENERAL NOTES AND CEILING LEGEND SEE SHEET A5.1

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HIGH SCHOOL RECONSTRUCTION

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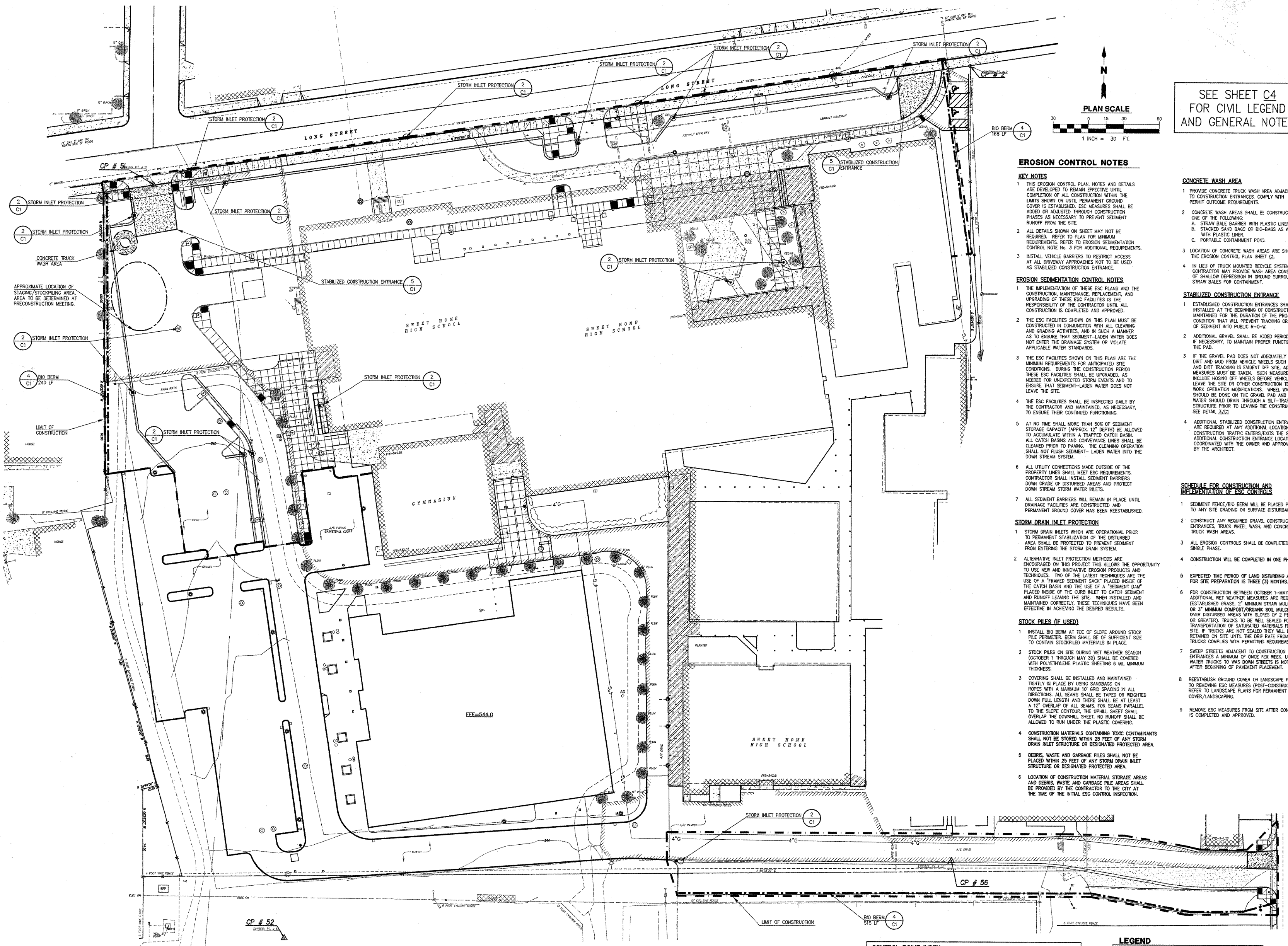
REFLECTED CEILING PLAN - EAST

PROJECT NUMBER 01023

DATE 4-4-03

A5.3



SEE SHEET C4
FOR CIVIL LEGEND
AND GENERAL NOTES

EROSION CONTROL NOTES

KEY NOTES

1 THIS EROSION CONTROL PLAN, NOTES AND DETAILS ARE DEVELOPED TO REMAIN EFFECTIVE UNTIL COMPLETION OF ALL CONSTRUCTION WITHIN THE LIMITS SHOWN OR UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ESC MEASURES SHALL BE ADDED OR ADJUSTED THROUGH CONSTRUCTION PHASES AS NECESSARY TO PREVENT SEDIMENT RUNOFF FROM THE SITE.

2 ALL DETAILS SHOWN ON SHEET MAY NOT BE REQUIRED. REFER TO PLAN FOR MINIMUM REQUIREMENTS. REFER TO EROSION SEDIMENTATION CONTROL NOTE No. 3 FOR ADDITIONAL REQUIREMENTS.

3 INSTALL VEHICLE BARRIERS TO RESTRICT ACCESS AT ALL DRIVEWAY APPROACHES NOT TO BE USED AS STABILIZED CONSTRUCTION ENTRANCE.

EROSION SEDIMENTATION CONTROL NOTES

1 THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED.

2 THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.

3 THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD THESE ESC FACILITIES SHALL BE UPGRADED, AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.

4 THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED, AS NECESSARY, TO ENSURE THEIR CONTINUED FUNCTIONING.

5 AT NO TIME SHALL MORE THAN 50% OF SEDIMENT STORAGE CAPACITY (APPROX. 12" DEPTH) BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT- LADEN WATER INTO THE DOWN STREAM SYSTEM.

6 ALL UTILITY CONNECTIONS MADE OUTSIDE OF THE PROPERTY LINES SHALL MEET ESC REQUIREMENTS. CONTRACTOR SHALL INSTALL SEDIMENT BARRIERS DOWN GRADE OF DISTURBED AREAS AND PROTECT DOWN STREAM STORM WATER INLETS.

7 ALL SEDIMENT BARRIERS WILL REMAIN IN PLACE UNTIL DRAINAGE FACILITIES ARE CONSTRUCTED AND PERMANENT GROUND COVER HAS BEEN REESTABLISHED.

STORM DRAIN INLET PROTECTION

1 STORM DRAIN INLETS WHICH ARE OPERATIONAL PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA SHALL BE PROTECTED TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.

2 ALTERNATIVE INLET PROTECTION METHODS ARE ENCOURAGED ON THIS PROJECT THIS ALLOWS THE OPPORTUNITY TO USE NEW AND INNOVATIVE EROSION PRODUCTS AND TECHNIQUES. TWO OF THE LATEST TECHNIQUES ARE THE USE OF A "FRAMED SEDIMENT SACK" PLACED INSIDE OF THE CATCH BASIN AND THE USE OF A "SEDIMENT DAM" PLACED INSIDE OF THE CURB INLET TO CATCH SEDIMENT AND RUNOFF LEAVING THE SITE. WHEN INSTALLED AND MAINTAINED CORRECTLY, THESE TECHNIQUES HAVE BEEN EFFECTIVE IN ACHIEVING THE DESIRED RESULTS.

STOCK PILES (IF USED)

1 INSTALL BIO BERM AT TOE OF SLOPE AROUND STOCK PILE PERIMETER. BERM SHALL BE OF SUFFICIENT SIZE TO CONTAIN STOCKPILED MATERIALS IN PLACE.

2 STOCK PILES ON SITE DURING WET WEATHER SEASON (OCTOBER 1 THROUGH MAY 30) SHALL BE COVERED WITH POLYETHYLENE PLASTIC SHEETING 6 MIL MINIMUM THICKNESS.

3 COVERING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS ON ROPES WITH A MAXIMUM 10' GRID SPACING IN ALL DIRECTIONS. ALL SEAMS SHALL BE TAPED OR WEIGHTED DOWN FULL LENGTH AND THERE SHALL BE AT LEAST A 12" OVERLAP OF ALL SEAMS. FOR SEAMS PARALLEL TO THE SLOPE CONTOUR, THE UPHILL SHEET SHALL OVERLAP THE DOWNHILL SHEET. NO RUNOFF SHALL BE ALLOWED TO RUN UNDER THE PLASTIC COVERING.

4 CONSTRUCTION MATERIALS CONTAINING TOXIC CONTAMINANTS SHALL NOT BE STORED WITHIN 25 FEET OF ANY STORM DRAIN INLET STRUCTURE OR DESIGNATED PROTECTED AREA.

5 DEBRIS, WASTE AND GARBAGE PILES SHALL NOT BE PLACED WITHIN 25 FEET OF ANY STORM DRAIN INLET STRUCTURE OR DESIGNATED PROTECTED AREA.

6 LOCATION OF CONSTRUCTION MATERIAL STORAGE AREAS AND DEBRIS, WASTE AND GARBAGE PILE AREAS SHALL BE PROVIDED BY THE CONTRACTOR TO THE CITY AT THE TIME OF THE INITIAL ESC CONTROL INSPECTION.

CONCRETE WASH AREA

1 PROVIDE CONCRETE TRUCK WASH AREA ADJACENT TO CONSTRUCTION ENTRANCES. COMPLY WITH PERMIT OUTCOME REQUIREMENTS.

2 CONCRETE WASH AREAS SHALL BE CONSTRUCTED OF ONE OF THE FOLLOWING:
- A. STRAW BALE BARRIER WITH PLASTIC LINER.
- B. STACKED SAND BAGS OR BIO-BAGS AS A BARRIER WITH PLASTIC LINER.
- C. PORTABLE CONTAINMENT POND.

3 LOCATION OF CONCRETE WASH AREAS ARE SHOWN ON THE EROSION CONTROL PLAN SHEET C1.

4 IN LIEU OF TRUCK MOUNTED RECYCLE SYSTEM, CONTRACTOR MAY PROVIDE WASH AREA CONSISTING OF SHALLOW DEPRESSION IN GROUND SURROUNDED BY STRAW BALES FOR CONTAINMENT.

STABILIZED CONSTRUCTION ENTRANCE

1 ESTABLISHED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC R-O-W.

2 ADDITIONAL GRAVEL SHALL BE ADDED PERIODICALLY, IF NECESSARY, TO MAINTAIN PROPER FUNCTION OF THE PAD.

3 IF THE GRAVEL PAD DOES NOT ADEQUATELY REMOVE DIRT AND MUD FROM VEHICLE WHEELS SUCH THAT MUD AND DIRT TRACKING IS EVIDENT OFF SITE, ADDITIONAL MEASURES MUST BE TAKEN. SUCH MEASURES MAY INCLUDE HOSING OFF WHEELS BEFORE VEHICLES LEAVE THE SITE OR OTHER CONSTRUCTION TECHNIQUES/ WORK OPERATION MODIFICATIONS. WHEEL WASHING SHOULD BE DONE ON THE GRAVEL PAD AND WASH WATER SHOULD DRAIN THROUGH A SILT-TRAPPING STRUCTURE PRIOR TO LEAVING THE CONSTRUCTION SITE. SEE DETAIL 3/C1

4 ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES ARE REQUIRED AT ANY ADDITIONAL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS/EXITS THE SITE. ANY ADDITIONAL CONSTRUCTION ENTRANCE LOCATION TO BE COORDINATED WITH THE OWNER AND APPROVED BY THE ARCHITECT.

SCHEDULE FOR CONSTRUCTION AND IMPLEMENTATION OF ESC CONTROLS

1 SEDIMENT FENCE/BIO BERM WILL BE PLACED PRIOR TO ANY SITE GRADING OR SURFACE DISTURBANCE.

2 CONSTRUCT ANY REQUIRED GRAVEL CONSTRUCTION ENTRANCES, TRUCK WHEEL WASH, AND CONCRETE TRUCK WASH AREAS.

3 ALL EROSION CONTROLS SHALL BE COMPLETED IN A SINGLE PHASE.

4 CONSTRUCTION WILL BE COMPLETED IN ONE PHASE.

5 EXPECTED TIME PERIOD OF LAND DISTURBING ACTIVITIES FOR SITE PREPARATION IS THREE (3) MONTHS.

6 FOR CONSTRUCTION BETWEEN OCTOBER 1–MAY 30 ADDITIONAL WET WEATHER MEASURES ARE REQUIRED (ESTABLISHED GRASS, 2" MINIMUM STRAW MULCH COVER, **OR 3" MINIMUM COMPOST/ORGANIC SOIL MULCH COVER** OVER DISTURBED AREAS WITH SLOPES OF 2 PERCENT OR GREATER). TRUCKS TO BE WELL SEALED FOR TRANSPORTATION OF SATURATED MATERIALS FROM THE SITE. IF TRUCKS ARE NOT SEALED THEY WILL BE RETAINED ON SITE UNTIL THE DRIP RATE FROM THE TRUCKS COMPLIES WITH PERMITTING REQUIREMENTS.

7 SWEEP STREETS ADJACENT TO CONSTRUCTION ENTRANCES A MINIMUM OF ONCE PER WEEK. USE OF WATER TRUCKS TO WAS DOWN STREETS IS NOT ALLOWED AFTER BEGINNING OF PAVEMENT PLACEMENT.

8 REESTABLISH GROUND COVER OR LANDSCAPE PRIOR TO REMOVING ESC MEASURES (POST-CONSTRUCTION). REFER TO LANDSCAPE PLANS FOR PERMANENT GROUND COVER/LANDSCAPING.

9 REMOVE ESC MEASURES FROM SITE AFTER CONSTRUCTION IS COMPLETED AND APPROVED.

CONTROL POINT INDEX

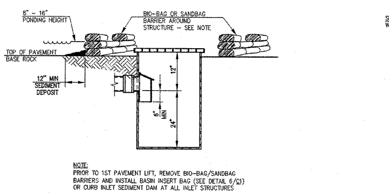
PT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	10693.8305	10704.1382	541.58	SET H&T
51	10589.2089	10006.9014	539.15	SET H&T
52	9948.2572	10121.3499	544.65	SET H&T
56	10016.7041	10691.6916	544.49	SET H&T

LEGEND

ESC	EROSION SEDIMENTATION CONTROL
∼475∼	EXISTING CONTOUR ELEVATION
━━━	LIMIT OF DISTURBANCE
━ ▪ ━ ▪ ━	CONTINUOUS BIO BERM
○	INLET PROTECTION
◎	CONCRETE TRUCK WASH

① CONTROL POINT/ EROSION CONTROL PLAN

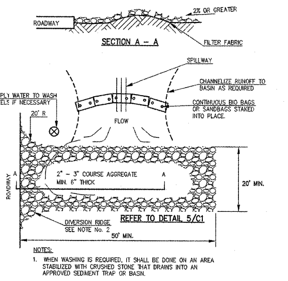
SCALE: 1"= 30'



NOTE:
PRIOR TO 1ST PAVEMENT LIFT, REMOVE BIO-BAG/SANDBAG BARRIERS AND INSTALL BASIN INSERT BAG (SEE DETAIL 6/C1) OR CURB INLET SEDIMENT DAM AT ALL INLET STRUCTURES

② STORM DRAIN INLET PROTECTION IN TRAVELED AREAS

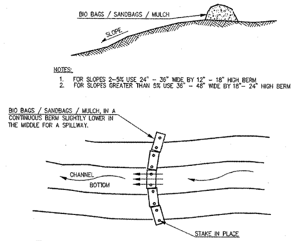
NO SCALE


ROADWAY
2% OR GREATER
SECTION A – A
FILTER FABRIC
SPILLWAY
CHANNELIZE RUNOFF TO BASIN AS REQUIRED
SUPPLY WATER TO WASH WHEELS IF NECESSARY
CONTINUOUS BIO BAGS OR SANDBAGS STAKED INTO PLACE.
20' R
FLOW
2" – 3" COURSE AGGREGATE MIN. 6" THICK
A
A
20' MIN.
REFER TO DETAIL 5/C1
DIVERSION RIDGE SEE NOTE No. 2
50' MIN.

NOTES:
1. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR BASIN.
2. DIVERSION RIDGE REQUIRED WHERE GRADES EXCEED 2%.

③ TRUCK WHEEL WASH

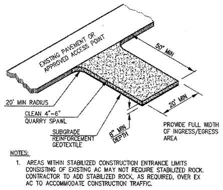
NO SCALE


BIO BAGS / SANDBAGS / MULCH
SLOPE
BIO BAGS / SANDBAGS / MULCH, IN A CONTINUOUS BERM SLIGHTLY LOWER IN THE MIDDLE FOR A SPILLWAY.
CHANNEL
BOTTOM
STAKE IN PLACE

NOTES:
1. FOR SLOPES 2–5% USE 24" – 36" WIDE BY 12" – 18" HIGH BERM
2. FOR SLOPES GREATER THAN 5% USE 36" – 48" WIDE BY 18"– 24" HIGH BERM

④ CONTINUOUS BIO BERM

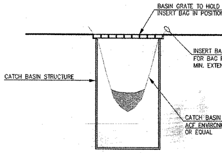
NO SCALE


EXISTING PAVEMENT OR APPROVED ACCESS POINT
50' MIN
20' MIN
20' MIN RADIUS
CLEAN 4"–6" QUARRY SPAWL
SUBGRADE REINFORCEMENT GEOTEXTILE
8" MIN DEPTH
PROVIDE FULL WIDTH OF INGRESS/EGRESS AREA

NOTES:
1. AREAS WITHIN STABILIZED CONSTRUCTION ENTRANCE LIMITS CONSISTING OF EXISTING AC MAY NOT REQUIRE STABILIZED ROCK. CONTRACTOR TO ADD STABILIZED ROCK, AS REQUIRED, OVER EX AC TO ACCOMMODATE CONSTRUCTION TRAFFIC.
2. REFER TO DETAIL 3/C1 FOR TRUCK WHEEL WASH.

⑤ STABILIZED CONSTRUCTION ENTRANCE

NO SCALE


BASIN GRATE TO HOLD INSERT BAG IN POSITION
INSERT BAG EXTENSIONS FOR BAG REMOVAL – 6" MIN. EXTENSIONS
CATCH BASIN STRUCTURE
CATCH BASIN INSERT BAG ACF ENVIRONMENTAL "SILTSACK" OR EQUAL

⑥ CATCH BASIN INSERT BAG

NO SCALE

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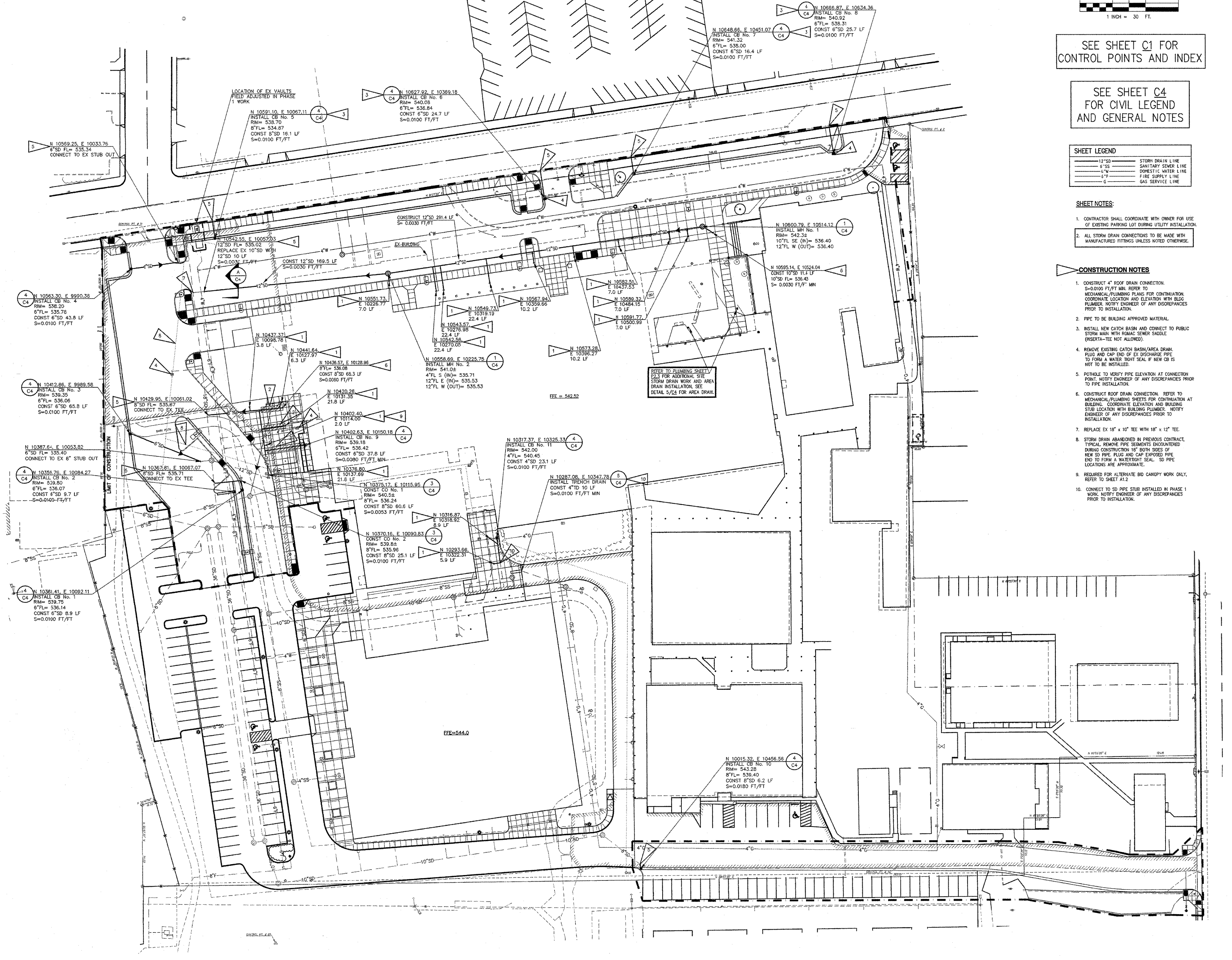
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION
SWEET HOME, OREGON

△ REVISED

CONTROL POINTS/
EROSION CONTROL
PLAN AND DETAILS

PROJECT NUMBER	DATE
01023	04/04/03

C1



SEE SHEET C1 FOR CONTROL POINTS AND INDEX

SEE SHEET C4 FOR CIVIL LEGEND AND GENERAL NOTES

SHEET LEGEND

12"SD	STORM DRAIN LINE
6"SS	SANITARY SEWER LINE
4"W	DOMESTIC WATER LINE
6"F	FIRE SUPPLY LINE
G	GAS SERVICE LINE

SHEET NOTES:

1. CONTRACTOR SHALL COORDINATE WITH OWNER FOR USE OF EXISTING PARKING LOT DURING UTILITY INSTALLATION.
2. ALL STORM DRAIN CONNECTIONS TO BE MADE WITH MANUFACTURED FITTINGS UNLESS NOTED OTHERWISE.

CONSTRUCTION NOTES

1. CONSTRUCT 4" ROOF DRAIN CONNECTION. S=0.0100 FT/FT MIN. REFER TO MECHANICAL/PLUMBING PLANS FOR CONTINUATION. COORDINATE LOCATION AND ELEVATION WITH BLDG PLUMBER. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
2. PIPE TO BE BUILDING APPROVED MATERIAL.
3. INSTALL NEW CATCH BASIN AND CONNECT TO PUBLIC STORM MAIN WITH ROMAC SEWER SADDLE (INSERTA–TEE NOT ALLOWED).
4. REMOVE EXISTING CATCH BASIN/AREA DRAIN. PLUG AND CAP END OF EX DISCHARGE PIPE TO FORM A WATER TIGHT SEAL IF NEW CB IS NOT TO BE INSTALLED.
5. POTHOLE TO VERIFY PIPE ELEVATION AT CONNECTION POINT. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PIPE INSTALLATION.
6. CONSTRUCT ROOF DRAIN CONNECTION. REFER TO MECHANICAL/PLUMBING SHEETS FOR CONTINUATION AT BUILDING. COORDINATE ELEVATION AND BUILDING STUB LOCATION WITH BUILDING PLUMBER. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
7. REPLACE EX 18" x 10" TEE WITH 18" x 12" TEE.
8. STORM DRAIN ABANDONED IN PREVIOUS CONTRACT, TYPICAL. REMOVE PIPE SEGMENTS ENCOUNTERED DURING CONSTRUCTION 18" BOTH SIDES OF NEW SD PIPE. PLUG AND CAP EXPOSED PIPE END TO FORM A WATERTIGHT SEAL. SD PIPE LOCATIONS ARE APPROXIMATE.
9. REQUIRED FOR ALTERNATE BID CANOPY WORK ONLY, REFER TO SHEET A1.2
10. CONNECT TO SD PIPE STUB INSTALLED IN PHASE 1 WORK. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
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SWEET HOME, OREGON

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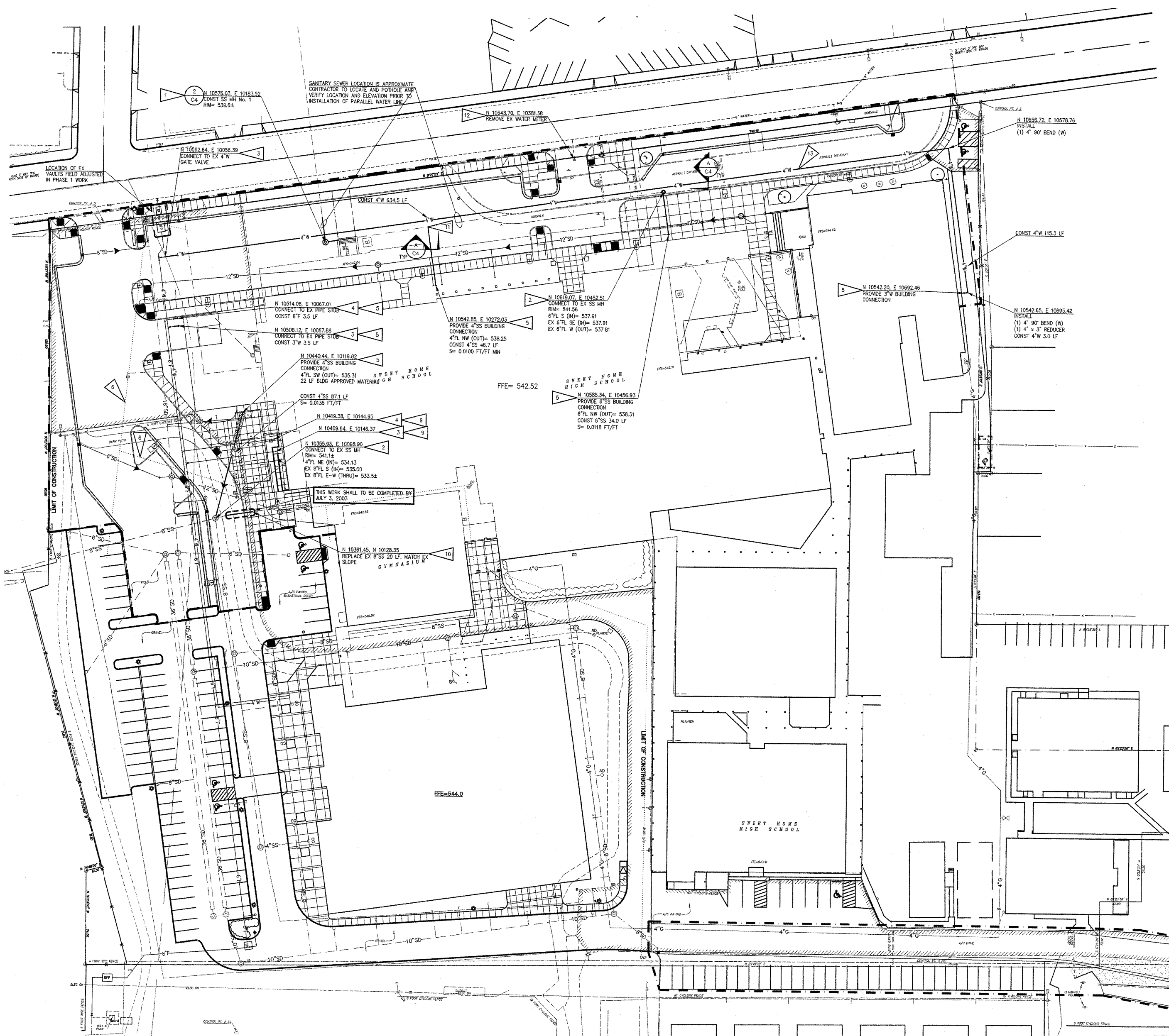
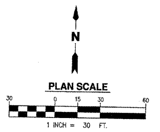
STORM DRAIN PLAN

PROJECT NUMBER	DATE
01023	04/04/03

C2





SEE SHEET C4 FOR CIVIL LEGEND AND GENERAL NOTES

SEE SHEET C1 FOR CONTROL POINTS AND INDEX

SHEET NOTES:
1. CONTRACTOR SHALL CONSTRUCT, TEST, CHLORINATE AND OBTAIN APPROVAL OF NEW DOMESTIC WATER SYSTEM PRIOR TO CONNECTION OF EXISTING BLDG SERVICE TO NEW SYSTEM AND ABANDONMENT OF EXISTING METER AND BLDG SERVICE. CONTRACTOR SHALL COORDINIATE SHUTDOWN OF EXISTING BLDG SERVICE FOR CONNECTION WITH OWNER.
2. CONTRACTOR SHALL COORDINATE WITH OWNER FOR USE OF EXISTING PARKING LOT DURING UTILITY INSTALLATION.

SHEET LEGEND	
12"SD	STORM DRAIN LINE
6"SS	SANITARY SEWER LINE
4"W	DOMESTIC WATER LINE
6"F	FIRE SUPPLY LINE
G	GAS SERVICE LINE

CONSTRUCTION NOTES

1. INSTALL NEW SS MANHOLE ON EX PIPE. REPLACE 20 FEET EX 6" SS PIPE AT INLET AND OUTLET OF MANHOLE (40 LF TOTAL) WITH PVC. CONNECT NEW PVC TO EX PIPE WITH TRANSITION COUPLINGS. EXISTING PIPE MAY HAVE RADIUS BEND. LOCATE AND POTHOLE TO VERIFY LOCATION AND ELEVATION OF EX SS LINE PRIOR TO ORDERING MANHOLE. NOTIFY ENGINEER OF ANY DISCREPANCIES AND IF PARALLEL 4"W DOES NOT MEET GENERAL NOTE 19/C4 REQUIREMENTS.
2. CORE DRILL MANHOLE AS REQUIRED AND INSTALL KOR-N-SEAL BOOT PRIOR TO PIPE INSTALLATION TO FORM AN AIRTIGHT SEAL.
3. CONNECT TO EX GATE VALVE INSTALLED IN PREVIOUS CONTRACT AND EXTEND WATER LINE TO BUILDING CONNECTION.
4. REMOVE BLOW-OFF ASSEMBLY INSTALLED IN PREVIOUS CONTRACT AND EXTEND FIRE LINE TO BUILDING CONNECTION.
5. REFER TO MECHANICAL/PLUMBING SHEETS FOR CONTINUATION AT BUILDING. COORDINATE ELEVATION AND BUILDING STUB LOCATION WITH PLUMBER PRIOR TO INSTALLATION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
6. STORM DRAIN ABANDONED IN PREVIOUS CONTRACT, TYPICAL. REMOVE PIPE SEGMENTS ENCOUNTERED DURING CONSTRUCTION 18" BOTH SIDES OF NEW SD PIPE. PLUG AND CAP EXPOSED PIPE END TO FORM A WATERTIGHT SEAL. SD PIPE LOCATIONS ARE APPROXIMATE.
7. INSTALL FH ASSY PER APWA/ODOT "OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2002 EDITION" AND STANDARD DETAIL RD254. FH SHALL BE MUELLER SUPER CENTURION A423 OR KENNEDY K81D.
8. HOT TAP TO BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL EXCAVATE FOR HOT TAP AND PROVIDE AND INSTALL ASSOCIATED SHORING, STAINLESS STEEL TAPPING SADDLE AND GATE VALVE. INSTALLATION OF WATER LINE SHALL BE IN ACCORDANCE WITH CITY STANDARDS. POTHOLE CONNECTION LOCATION TO VERIFY LOCATION OF EXISTING PIPES. NOTIFY ENGINEER OF ANY CONFLICTS.

CONSTRUCTION NOTES

9. CONNECT TO BUILDING PIPING INSTALLED IN PHASE 2 WORK. REFER TO MECHANICAL/PLUMBING SHEETS FOR CONTINUATION AT BUILDING. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION AND CONNECTION TO BUILDING STUBS.
10. REPLACE EX CRACKED/CRUSHED CONCRETE PIPE WITH PVC CONNECT TO EX PIPE WITH TRANSITION COUPLINGS.

WORK TO BE COMPLETE BY JULY 3, 2003.

11. CONNECT TO EX SS PIPE MAIN WITH SEWER SADDLE.
12. CONTRACTOR TO REMOVE EXISTING WATER METER AND VAULT AND CAP END OF EX PIPE IN ACCORDANCE WITH CITY STANDARDS. CONTRACTOR TO VERIFY THE METER IS NOT IN USE PRIOR TO REMOVAL. CONTRACTOR TO COORDINATE WATER METER REMOVAL WITH CITY AND DELIVER WATER METER TO THE CITY PUBLIC WORKS DEPARTMENT.
13. 4"W LOCATION TO BE ADJUSTED WHERE SEPARATION BETWEEN EX SS AND NEW 4"W DO NOT MEET GENERAL NOTE 19/C4, AS APPROVED BY ENGINEER.

WATER SYSTEM DESIGN DATA

DOMESTIC SYSTEM
1. STATIC/RESIDUAL PRESSURE AND FLOW: 94/72 psi @ 2144 gpm
   LOCATION OF TEST: SWEET HOME HIGH SCHOOL, 1641 LONG STREET, IN FRONT OF SCHOOL
   DATE OF TEST: 2/6/02
2. IRRIGATION WILL NOT BE CONNECTED TO DOMESTIC WATER SYSTEM.
3. PEAK DOMESTIC WATER DEMAND: 155 gpm

FIRE
4. LARGEST BUILDING AREA: 94,200 sq.ft.
   BUILDING CONSTRUCTION TYPE: V-N. BUILDING TO BE FULLY SPRINKLERED.
5. MINIMUM REQUIRED FIRE FLOW AND NUMBER OF HYDRANTS: 2,625 gpm, 2 HYDRANTS
   (ASSUMES 50% REDUCTION FOR SPRINKLERED BLDG)

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SWEET HOME SCHOOL DISTRICT 55
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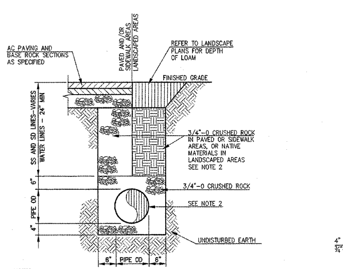
HIGH SCHOOL RECONSTRUCTION
SWEET HOME, OREGON

△ REVISED

SANITARY SEWER AND WATER PLAN

PROJECT NUMBER	DATE
01023	04/04/03

C3

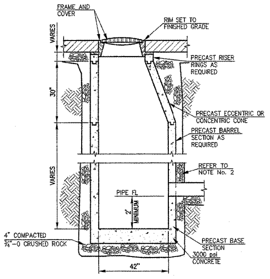

AC PAVING AND BASE ROCK SECTIONS AS SPECIFIED
PAVED AND/OR SIDEWALK AREAS
LANDSCAPED AREAS
REFER TO LANDSCAPE PLANS FOR DEPTH OF LOAM
FINISHED GRADE
SS AND SD LINES–VARIES
WATER LINES – 24" MIN
3/4"–0 CRUSHED ROCK IN PAVED OR SIDEWALK AREAS, OR NATIVE MATERIALS IN LANDSCAPED AREAS SEE NOTE 2
3/4"–0 CRUSHED ROCK
SEE NOTE 2
UNDISTURBED EARTH
6"
PIPE OD
4"
6"
PIPE OD
6"

NOTES:

1. WATER LINES THAT PARALLEL SANITARY SEWER LINES SHALL BE LOCATED A MINIMUM OF 18 INCHES ABOVE SEWER LINE, WHERE SERVICES ARE NOT HORIZONTALLY SEPARATED BY 10 FEET.
2. WITHIN 5 FEET OF BUILDING STRUCTURE, BUILDING CODE APPROVED PIPE MATERIAL AND 3/4"–0 CRUSHED ROCK BACKFILL SHALL BE USED.
3. SAWCUT, REMOVE AND REPAIR EXISTING SURFACES TO MATCH EXISTING ASPHALT PAVEMENT, CONCRETE PAVEMENT, OR LANDSCAPING IN AREAS WHICH DO NOT RECEIVE NEW IMPROVEMENTS. PROVIDE 4" MINIMUM DEPTH ASPHALT PAVEMENT AND 4" MINIMUM DEPTH CONCRETE PAVEMENT. REFER TO TYPICAL SAWCUT SECTION DETAIL.

Ⓐ TYPICAL TRENCHING & BACKFILL SECTION

NO SCALE

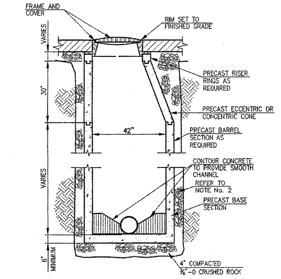

FRAME AND COVER
RIM SET TO FINISHED GRADE
VARIES
30"
PRECAST RISER RINGS AS REQUIRED
PRECAST ECCENTRIC OR CONCENTRIC CONE
PRECAST BARREL SECTION AS REQUIRED
VARIES
REFER TO NOTE No. 2
PIPE FL
2' MINIMUM
4" COMPACTED ¾"–0 CRUSHED ROCK
PRECAST BASE SECTION
3000 psi CONCRETE
42"

NOTES:

1. TRACER WIRE: WIRE SHALL ENTER STRUCTURE UNDER RISER AND DIRECTLY ABOVE THE PIPE THAT WIRE IS TRACING. PROVIDE ENOUGH FREE WIRE TO EXTEND 18" ABOVE TOP OF MANHOLE COVER TO FACILITATE TESTING. COIL WIRE AND SECURE WITH NON-CORROSIVE FASTENER 2" UNDER FRAME.
2. BACKFILL AROUND BASE SECTION USING CRUSHED ROCK IN PAVED OR SIDEWALK AREAS, OR NATIVE MATERIALS IN LANDSCAPE AREAS.
3. USE SHALLOW MANHOLE WITH 2' SUMP WHERE DISTANCE BETWEEN RIM AND FLOWLINE IS 4½' OR LESS.

① STANDARD STORM DRAIN MANHOLE

NO SCALE

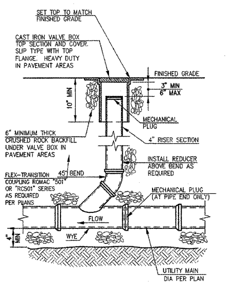

FRAME AND COVER
RIM SET TO FINISHED GRADE
VARIES
30"
PRECAST RISER RINGS AS REQUIRED
PRECAST ECCENTRIC OR CONCENTRIC CONE
42"
PRECAST BARREL SECTION AS REQUIRED
VARIES
CONTOUR CONCRETE TO PROVIDE SMOOTH CHANNEL
REFER TO NOTE No. 2
PRECAST BASE SECTION
6" MINIMUM
4" COMPACTED ¾"–0 CRUSHED ROCK

NOTES:

1. TRACER WIRE: WIRE SHALL ENTER STRUCTURE UNDER RISER AND DIRECTLY ABOVE THE PIPE THAT WIRE IS TRACING. PROVIDE ENOUGH FREE WIRE TO EXTEND 18" ABOVE TOP OF MANHOLE COVER TO FACILITATE TESTING. COIL WIRE AND SECURE WITH NON-CORROSIVE FASTENER 2" UNDER FRAME.
2. BACKFILL AROUND BASE SECTION USING CRUSHED ROCK IN PAVED OR SIDEWALK AREAS, OR NATIVE MATERIALS IN LANDSCAPE AREAS.
3. USE FLAT-TOP MANHOLE WHERE DISTANCE BETWEEN RIM AND FLOWLINE IS 4½' OR LESS.

② STANDARD SANITARY MANHOLE

NO SCALE

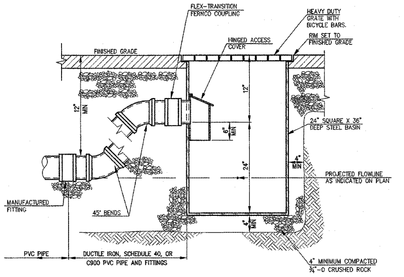

SET TOP TO MATCH FINISHED GRADE
CAST IRON VALVE BOX TOP SECTION AND COVER. SLIP TYPE WITH TOP FLANGE. HEAVY DUTY IN PAVEMENT AREAS
FINISHED GRADE
3" MIN
6" MAX
10" MIN
MECHANICAL PLUG
6" MINIMUM THICK CRUSHED ROCK BACKFILL UNDER VALVE BOX IN PAVEMENT AREAS
4" RISER SECTION
INSTALL REDUCER ABOVE BEND AS REQUIRED
FLEX-TRANSITION COUPLING ROMAC "501" OR "RC501" SERIES AS REQUIRED PER PLANS
45° BEND
MECHANICAL PLUG (AT PIPE END ONLY)
FLOW
WYE
4" MIN
UTILITY MAIN DIA PER PLAN

③ STANDARD CLEANOUT

NO SCALE

GENERAL NOTES

1. EXISTING TOPOGRAPHIC INFORMATION IS FROM SURVEY PROVIDED BY BALZHISER & HUBBARD ENGINEERS, DATED 12/27/01.
2. BASIS OF BEARING: BASED ON COUNTY SURVEY FILE No. 5744, DATED OCTOBER, 1957 BY B. OSBURN SHAW.
3. BASIS OF ELEVATION: BASED ON SWEET HOME CITY BENCHMARK No. 16–L, A 1 ¼" PIPE WITH BRASS WASHER AND BOLT MARKED "16–L", NORTH SIDE OF SIDEWALK, NORTH SIDE OF LONG STREET, SOUTHWEST CORNER OF TENNIS COURTS. ELEV.=540.56
4. LOCATIONS OF EXISTING UTILITIES ARE ASSUMED FROM INFORMATION AVAILABLE AND ARE NOT GUARANTEED TO BE COMPLETE AND ACCURATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES.
5. CONTRACTOR SHALL NOTIFY EACH UNDERGROUND UTILITY PRIOR TO EXCAVATING, BORING, OR POTHOLING. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN O.A.R. 952–001–0010 THROUGH O.A.R. 952–001–0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER (NOTE: THE TELEPHONE NUMBERS FOR THE OREGON UTILITY NOTIFICATION CENTER ARE: 503–232–1987 OR 1–800–332–2344).
6. POTHOLE AND VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS AND COMPLY WITH REQUIREMENTS AND SPECIFICATIONS OF ANY RESPECTIVE UTILITY COMPANY FOR UTILITIES TO BE CUT, MOVED, RELOCATED OR RE-CONNECTED TO AN EXISTING FACILITY.
8. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ANY SERVING UTILITY COMPANY INSTALLING UTILITIES ON SITE. CONSTRUCTION OF OTHER UTILITIES MAY OCCUR AT SAME TIME ON THE SITE.
9. CONTRACTOR SHALL COORDINATE WITH PLUMBING INSPECTOR PRIOR TO CONNECTION OF PRIVATE SANITARY SEWER PIPING TO EXISTING SANITARY SEWER.
10. QUANTITIES SHOWN ARE FOR THE PURPOSE OF IDENTIFYING LENGTHS. ACTUAL QUANTITIES MAY VARY. CONTRACTOR TO PROVIDE QUANTITIES NEEDED FOR CONSTRUCTION OF SYSTEM.
11. CONTRACTOR SHALL PROVIDE AND INSTALL FITTINGS AS REQUIRED TO COMPLETE PIPE CONNECTIONS AND TRANSITIONS PER PLAN, AND TO CONFORM TO TRENCHING REQUIREMENTS AND SITE GRADES.
12. MANHOLE AND CLEANOUT RIM ELEVATIONS ARE APPROXIMATE, FINAL RIM ELEVATIONS WILL VARY AND SHALL BE ADJUSTED TO MATCH ELEVATIONS OF ADJACENT SURFACES.
13. ALL SANITARY SEWER LATERAL CONNECTIONS TO BE CONSTRUCTED USING WYE FITTINGS OR MANHOLES.
14. CAP AND MARK ALL STORM PIPE ENDS WITH A 2"x4" BOARD PAINTED WHITE.
15. CAP AND MARK ALL SANITARY PIPE ENDS WITH A 2"x4" BOARD PAINTED GREEN.
16. CAP AND MARK ALL WATER, FIRE, AND IRRIGATION PIPE ENDS WITH A 2"x4" BOARD PAINTED BLUE.
17. MARK ALL BURIED PIPE ENDS PER DETAIL 7/C4.
18. PROVIDE THRUST BLOCKING ON WATER AND FIRE LINES PER DETAIL 8/C4
19. WATER PIPES CROSSING SANITARY SEWER AND/OR STORM DRAINAGE PIPING WHICH ARE NOT OF MATERIAL APPROVED FOR USE WITHIN A BUILDING, SHALL BE LAID A MINIMUM OF 12" ABOVE SEWER OR DRAIN PIPE. WHERE MINIMUM SEPARATION CANNOT BE MET, SANITARY SEWER AND/OR STORM DRAINAGE PIPE SHALL BE OF MATERIAL APPROVED FOR USE UNDER BUILDINGS, EXTENDING 10' EACH SIDE OF CROSSING.
20. ALL WATER LINE AND FIRE LINE BOLTED JOINT ASSEMBLIES SHALL BE THOROUGHLY COATED FOR CORROSION PROTECTION.
21. FIRE LINE TESTING:
    - A. CONDUCT A PRE-PRESSURE TEST TO VERIFY JOINT TIGHTNESS BEFORE CALLING FOR A FIRE INSPECTION.
    - B. COMPLETE INSTALLATION CERTIFICATION FORM AND HAVE FORM AVAILABLE ON SITE PRIOR TO FIRE INSPECTION.
22. PRIOR TO COMMENCING ANY VERTICAL, COMBUSTIBLE CONSTRUCTION, FIRE LINE (INCLUDING ALL FIRE HYDRANTS) SHALL BE CONSTRUCTED, INSPECTED, TESTED AND IN OPERATION.
23. COORDINATE FINAL ROOF DRAIN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE FOOTING DRAIN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS AND DETAILS.
24. TRACER WIRE BOXES SHALL BE A STANDARD 6" CLEANOUT RING AND COVER. THE COVER SHALL BE PERMANENTLY MARKED WITH THE WORD "TRACER". TRACER WIRE SHALL BE WRAPPED AROUND THE TOP OF THE RISER PIPE INSIDE OF THE CLEANOUT FRAME AND COVER AND TRACER WIRE BOX, LEAVING 18" OF FREE WIRE.
25. TRACER WIRE SHALL ENTER INTO ALL MANHOLES, CATCH BASINS, AND INLETS. EXTEND TRACER WIRE 18" INTO STRUCTURE.
26. REFER TO SHEET C1, EROSION CONTROL PLAN, FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
27. REFER TO ARCHITECTURAL SHEETS FOR HORIZONTAL AND VERTICAL CONTROL.
28. CONTRACTOR SHALL REVIEW PHASE 1 CONSTRUCTION DOCUMENTS INCLUDING CHANGES.
29. ADJUST EXISTING MANHOLE/STRUCTURE RIMS TO MATCH NEW GRADE ELEVATIONS.

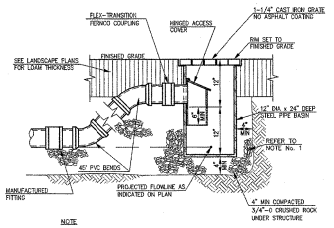

FLEX-TRANSITION FERNCO COUPLING
HEAVY DUTY GRATE WITH BICYCLE BARS.
HINGED ACCESS COVER
RIM SET TO FINISHED GRADE
FINISHED GRADE
12" MIN
12"
6" MIN
24" SQUARE X 36" DEEP STEEL BASIN
24"
4" MIN
PROJECTED FLOWLINE AS INDICATED ON PLAN
MANUFACTURED FITTING
45° BENDS
4" MIN
PVC PIPE
DUCTILE IRON, SCHEDULE 40, OR C900 PVC PIPE AND FITTINGS
4" MINIMUM COMPACTED ¾"–0 CRUSHED ROCK

NOTES:

1. TRACER WIRE: WIRE SHALL ENTER STRUCTURE AT PIPE INLET OR OUTLET. PROVIDE ENOUGH FEE WIRE TO EXTEND 18" ABOVE TOP OF GRATE TO FACILITATE TESTING. COIL WIRE AND SECURE WITH NON-CORROSIVE FASTENER 2" UNDER FRAME.
2. LOCATION SPECIFIED ON PLAN INDICATES CENTER OF GRATED SECTION OF BASIN.

④ STANDARD CATCH BASIN

NO SCALE

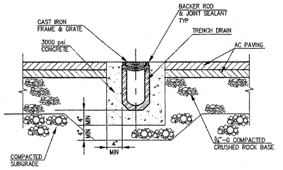

FLEX-TRANSITION FERNCO COUPLING
HINGED ACCESS COVER
1-1/4" CAST IRON GRATE NO ASPHALT COATING
RIM SET TO FINISHED GRADE
SEE LANDSCAPE PLANS FOR LOAM THICKNESS
FINISHED GRADE
12"
6" MIN
12" DIA x 24" DEEP STEEL PIPE BASIN
12"
4" MIN
REFER TO NOTE No. 1
45° PVC BENDS
4" MIN
MANUFACTURED FITTING
PROJECTED FLOWLINE AS INDICATED ON PLAN
4" MIN COMPACTED 3/4"–0 CRUSHED ROCK UNDER STRUCTURE

NOTE

1. BACKFILL AROUND BASIN USING CRUSHED ROCK IN PAVED OR SIDEWALK AREAS, OR NATIVE MATERIALS IN LANDSCAPE AREAS
2. LOCATION SPECIFIED ON PLAN INDICATES CENTER OF GRATED SECTION OF BASIN

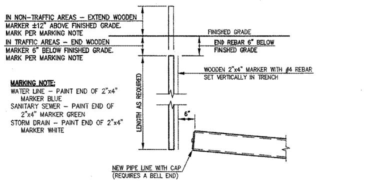
⑤ STANDARD AREA DRAIN

NO SCALE



⑥ TRENCH DRAIN

NO SCALE


IN NON-TRAFFIC AREAS – EXTEND WOODEN MARKER ±12" ABOVE FINISHED GRADE. MARK PER MARKING NOTE
IN TRAFFIC AREAS – END WOODEN MARKER 6" BELOW FINISHED GRADE. MARK PER MARKING NOTE
FINISHED GRADE
END REBAR 6" BELOW FINISHED GRADE
WOODEN 2"x4" MARKER WITH #4 REBAR SET VERTICALLY IN TRENCH
LENGTH AS REQUIRED
6"
NEW PIPE LINE WITH CAP (REQUIRES A BELL END)

MARKING NOTE:
WATER LINE – PAINT END OF 2"x4" MARKER BLUE
SANITARY SEWER – PAINT END OF 2"x4" MARKER GREEN
STORM DRAIN – PAINT END OF 2"x4" MARKER WHITE

⑦ PIPE END MARKER

NO SCALE

BEARING AREA OF THRUST BLOCKS IN SQ. FT.						
FITTING SIZE	TEE, WYE AND HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS TEE PLUGGED ON RUN	45° BEND	22½° BEND	11¼° BEND
4	1.3	1.6	1.8	1.0		
6	2.8	3.7	4.0	2.2	1.1	
8	5.0	6.5	7.1	3.8	2.0	1.0
10	7.9	10.2	11.1	6.0	3.1	1.5
12	11.3	14.7	16.0	8.7	4.4	2.2
16	20.1	26.1	28.4	15.4	7.8	3.9
20	31.4	40.8	44.4	24.0	12.3	6.2
24	45.2	58.8	64.0	34.6	17.7	8.9

VALUES BASED ON 200 PSI WATER PRESSURE & 2,000 PSF SOIL BEARING CAPACITY.

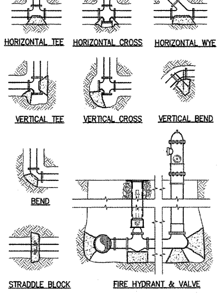
TABLE No. 1 HORIZONTAL BLOCKING

THRUST BLOCK VOLUMES IN CU. YDS.			
FITTING SIZE	45° BEND	22½° BEND	11¼° BEND
4	1.1	0.4	0.2
6	2.7	1.0	0.4
8	4.0	1.5	0.6
10	6.0	2.3	0.9
12	8.5	3.2	1.3
14	11.5	4.3	1.8
16	14.8	5.6	2.3

TABLE No. 2 VERTICAL BLOCKING

FITTING SIZE	ROD SIZE	EMBEDMENT
12" & LESS	#6	30"
14" – 16"	#8	36"

TABLE No. 3 REINFORCING



⑧ THRUST BLOCKS

NO SCALE

GENERAL CIVIL SYMBOLS LIST

SYMBOL	ABBR.	DESCRIPTION	SYMBOL	ABBR.	DESCRIPTION
12"SD	SD	NEW PRIVATE STORM DRAIN W/ SIZE			*EXISTING FIRE HYDRANT*
8"SS	SS	NEW PRIVATE SANITARY SEWER W/ SIZE			*EXISTING POWER POLE*
6"F	F	NEW PRIVATE FIRE LINE			*EXISTING GUY POLE*
6"W	W	NEW PRIVATE WATER LINE	510		CONSTRUCTION NOTE
		DIRECTION OF PIPE FLOW			
		NEW CURB/GUTTER & SIDEWALK	X C6		SECTION REFERENCE
	PL	*EXISTING PROPERTY LINE*			
	R–O–W	EXISTING RIGHT–OF–WAY	X C6		DETAIL REFERENCE
		LIMITS OF CONSTRUCTION			
BFP		BACKFLOW PREVENTER & VAULT		ASSY	ASSEMBLY
□	CB	CATCH BASIN		BLDG	BUILDING
	CI	CURB INLET		ELEV	ELEVATION
CO	CO	CLEANOUT		EX	EXISTING
	FDC	FIRE DEPARTMENT CONNECTION		FFE	FINISHED FLOOR ELEVATION
	FH	FIRE HYDRANT		FL	FLOWLINE
	GV	GATE VALVE		IRR	IRRIGATION
◎	MH	MANHOLE STRUCTURE		LF	LINEAR FEET
⊙		*PROPERTY CORNER*		PUE	PUBLIC UTILITY EASEMENT
	WM	WATER METER		TD	TRENCH DRAIN
4"GAS		*EXISTING GAS LINE*		TYP	TYPICAL
12"SD		*EXISTING STORM DRAIN LINE*			
		EXISTING SD LINE ABANDONED IN PLACE			
8"SS		*EXISTING SANITARY SEWER LINE*			
W		*EXISTING WATER LINE*			
		EXISTING FENCE			
OVERHEAD POWER		*EXISTING OVERHEAD POWER*			
		EXISTING MANHOLE			

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JULY 16, 1987
MONICA B. ANDERSON
EXPIRES 12/31/03

Balzhiser & Hubbard Engineers
MECHANICAL, ELECTRICAL, CIVIL, TRANSPORTATION ENGINEERS & SURVEYORS
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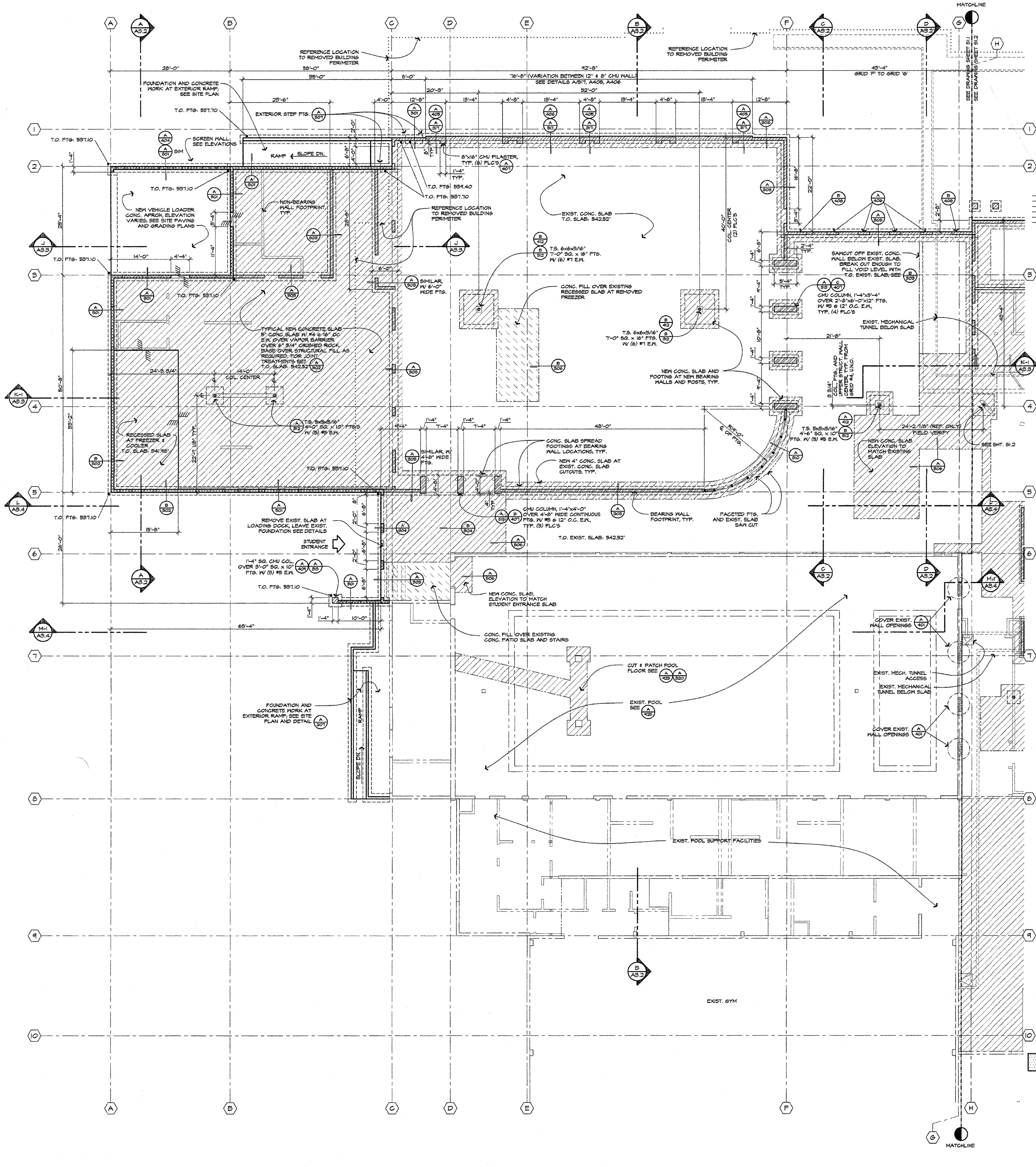
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION
SWEET HOME, OREGON

△ REVISED

CIVIL DETAILS
CIVIL LEGEND AND
GENERAL NOTES

PROJECT NUMBER	DATE
01023	04/04/03

C4


A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9
10
MATCHLINE
SEE DRAWING SHEET S1.1
SEE DRAWING SHEET S1.2
REFERENCE LOCATION TO REMOVED BUILDING PERIMETER
28'-0"
38'-0"
35'-0"
8'-0"
92'-8"
76'-8" (VARIATION BETWEEN 12" & 8" CMU WALL) SEE DETAILS A/317, A405, A406
52'-0"
43'-4" GRID 'F' TO GRID 'G'
20'-8"
25'-6"
4'-0"
12'-8"
13'-4"
4'-8"
FOUNDATION AND CONCRETE WORK AT EXTERIOR RAMP; SEE SITE PLAN
T.O. FTG: 537.70
EXTERIOR STEP FTG.
T.O. FTG: 537.10
SCREEN WALL SEE ELEVATIONS
SIM
RAMP
SLOPE DN.
8"x16" CMU PILASTER, TYP. (8) PLC'S
T.O. FTG: 539.40
T.O. FTG: 537.70
NEW VEHICLE LOADER CONC. APRON, ELEVATION VARIES; SEE SITE PAVING AND GRADING PLANS
NON-BEARING WALL FOOTPRINT, TYP.
SIMILAR, W/ 6'-0" WIDE FTG.
EXIST. CONC. SLAB T.O. SLAB: 542.52'
T.S. 6x6x5/16" 7'-0" SQ. x 16" FTG. W/ (6) #7 E.W.
CONC. FILL OVER EXISTING RECESSED SLAB AT REMOVED FREEZER
COL. CENTER (2) PLC'S
40'-0"
SAWCUT OFF EXIST. CONC. WALL BELOW EXIST. SLAB, BREAK OUT ENOUGH TO FILL VOID LEVEL WITH T.O. EXIST. SLAB, SEE
CMU COLUMN, 1'-4"x5'-4" OVER 2'-8"x6'-0"x12" FTG. W/ #5 @ 12" O.C. E.W., TYP. (4) PLC'S
EXIST. MECHANICAL TUNNEL BELOW SLAB
TYPICAL NEW CONCRETE SLAB 5" CONC SLAB W/ #4 @ 16" OC E.W. OVER VAPOR BARRIER OVER 6" 3/4" CRUSHED ROCK BASE OVER STRUCTURAL FILL AS REQUIRED. FOR JOINT TREATMENTS SEE T.O. SLAB: 542.52'
24'-3 3/4"
14'-0" COL. CENTER
T.S. 5x5x5/16" 4'-0" SQ. x 10" FTG'S W/ (5) #5 E.W.
NEW CONC. SLAB AND FOOTING AT NEW BEARING WALLS AND POSTS, TYP.
21'-8"
COL., FTG., AND UPPER STRUCT. WALL CENTER, TYP. FROM GRID #4, U.N.O.
RECESSED SLAB AT FREEZER & COOLER T.O. SLAB: 541.98'
22'-7 1/8" TYP.
SIMILAR, W/ 4'-8" WIDE FTG.
48'-0"
R19'-0" ℄ OF FTG.
T.S. 5x5x5/16" 4'-6" SQ. x 10" FTG. W/ (5) #5 E.W.
24'-2 7/8" (REF. ONLY) FIELD VERIFY
NEW CONC. SLAB ELEVATION TO MATCH EXISTING SLAB
SEE SHT. S1.2
CONC. SLAB SPREAD FOOTINGS AT BEARING WALL LOCATIONS, TYP.
NEW 4" CONC. SLAB AT EXIST. CONC. SLAB CUTOUTS, TYP.
CMU COLUMN, 1'-4"x4'-0" OVER 4'-8" WIDE CONTINUOUS FTG. W/ #5 @ 12" O.C. E.W., TYP. (3) PLC'S
BEARING WALL FOOTPRINT, TYP.
FACETED FTG. AND EXIST. SLAB SAW CUT
T.O. EXIST. SLAB: 542.52'
REMOVE EXIST. SLAB AT LOADING DOCK, LEAVE EXIST. FOUNDATION SEE DETAILS
STUDENT ENTRANCE
1'-4" SQ. CMU COL. OVER 3'-0" SQ. x 10" FTG. W/ (3) #5 E.W.
15'-8"
10'-0"
65'-4"
NEW CONC. SLAB, ELEVATION TO MATCH STUDENT ENTRANCE SLAB
CONC. FILL OVER EXISTING CONC. PATIO SLAB AND STAIRS
CUT & PATCH POOL FLOOR SEE
EXIST. POOL SEE
COVER EXIST. WALL OPENINGS
EXIST. MECH. TUNNEL ACCESS
EXIST. MECHANICAL TUNNEL BELOW SLAB
FOUNDATION AND CONCRETE WORK AT EXTERIOR RAMP; SEE SITE PLAN AND DETAIL
EXIST. POOL SUPPORT FACILITIES
EXIST. GYM
A/A3.2
B/A3.2
C/A3.2
D/A3.2
J/A3.3
K-1/A3.3
L/A3.4
M-1/A3.4

FOUNDATION PLAN - WEST

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN GENERAL NOTES

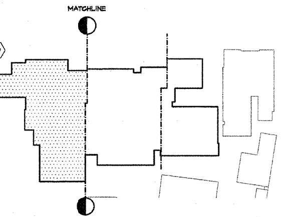
1. FIELD VERIFY ALL DIMENSIONS AT EXISTING CONSTRUCTION PRIOR TO START OF WORK. INFORMATION SHOWN HERE HAS BEEN ASSEMBLED FROM EXISTING BUILDING DRAWINGS AND NOT ALL INFORMATION HAS BEEN CONFIRMED. PROVIDE ACTUAL DIMENSIONS FOR REVIEW AND ADJUSTMENT BY ARCHITECT WHERE ENCOUNTERED, PRIOR TO CONTINUING WORK.
2. ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CMU, FACE OF FOUNDATION, OR TO GRID LINE, UNLESS NOTED OTHERWISE.
3. ALL GRID LINES ARE FROM FACE OF MASONRY WALL UNLESS NOTED OTHERWISE.
4. FOR DEMOLITION INFORMATION SEE DEMOLITION DRAWINGS.
5. FOUNDATION DESIGN IS BASED ON A SUBSURFACE INVESTIGATION REPORT TITLED "GEOTECHNICAL INVESTIGATION AND SITE-SPECIFIC SEISMIC HAZARD EVALUATION, SWEET HOME HIGH SCHOOL ADDITIONS, SWEET HOME OREGON". THIS REPORT IS TO BE USED AS REFERENCE, AND WHERE CONDITIONS IN THE DOCUMENTS CONFLICT WITH THE REPORT, NOTIFY ARCHITECT BEFORE PROCEEDING.
6. NOTIFY ARCHITECT 72 HOURS IN ADVANCE OF WHEN SUB-GRADE IS TO BE READY FOR PROOF ROLL AND INSPECTION. COORDINATE SPECIAL INSPECTION OF ALL SUB-GRADE BEFORE PLACING STRUCTURAL FILL MATERIALS.
7. AT DEMOLISHED AND REMOVED CONCRETE AND MASONRY WALLS, CHIP WALL MATERIALS DOWN TO ALLOW UNIFORM PATCH ACROSS SURFACE. PATCH AS REQUIRED WITH FLOOR FILLER.
8. DRILL AND EPOXY IN DOWELS AT ALL SLAB INFILL EDGES. EPOXY IN #4 BAR AT LEAST 4" INTO EXISTING SLAB EDGE AND LAP NEW SLAB REINFORCING 18" MINIMUM. INFILL SLABS TO BE 4" CONCRETE SLAB OVER PATCHED IN VAPOR BARRIER, AND REINFORCED WITH #4 @ 16" OC E.W. AT 1" CLEAR OF TOP OF SLAB.
9. EXISTING FLOOR SLABS ARE ASSUMED TO BE MOSTLY UNIFORM IN ELEVATION. PRIOR TO START OF PATCHING AND NEW WORK, FIELD VERIFY THAT SLAB ELEVATIONS MATCH ACROSS THE PROJECT SITE AND PRIOR TO START OF UNDER SLAB PLUMBING WORK. NOTIFY ARCHITECT IN WRITTING AS SOON AS POSSIBLE, OF ANY DISCREPANCIES DISCOVERED.
10. SAW CUT OUT AND REMOVE SECTIONS OF TUNNEL WHERE REQUIRED FOR NEW WORK. CONSTRUCT FORM AND CAST PLUG IN ABANDONED TUNNEL ENDS WITH CONCRETE.
11. PROVIDE CMU CONTROL JOINTS IN ALL MASONRY WALLS AT APPROXIMATELY 40'-0" ON CENTER. SUBMIT MARKED UP PLAN OF PROPOSED LOCATIONS FOR REVIEW AND APPROVAL, AND COORDINATE LOCATION OF JOINTS WITH ARCHITECT PRIOR TO START OF WORK. FOR TYPICAL CONTROL JOINT DETAIL SEE A/402
12. PROVIDE SHEAR WALL CONSTRUCTION AT ALL BEARING WALLS AS FOLLOWS:

    ON GRID LINE 4 PROVIDE 1/2 STRUCTURAL WALL SHEATHING EACH SIDE OF WALL FROM PLATE TO LOWER ROOF- NAIL 8D COMMON AT 4" OC AT PANEL EDGES EACH SIDE. PROVIDE 3/4" DIA ANCHOR BOLTS AT 2'-0" OC. FOR TRANSITION TO SHEAR WALL ABOVE SEE DETAIL A/659

    AT ALL OTHER SHEAR WALLS PROVIDE 1/2" STRUCTURAL WALL SHEATHING ONE SIDE AND NAIL 8D COMMON AT 6" OC AT PANEL EDGES. PROVIDE 3/4" DIA ANCHOR BOLTS AT 4'-0" OC. NAIL ALL STRUCTURAL PANELS AT 12" OC AT ALL INTERIOR SUPPORTS.

FOUNDATION LEGEND

□	EXISTING CONCRETE SLAB
▧	CONCRETE FILL OVER EXISTING RECESSED CONCRETE SLAB - TOP OF NEW SLAB ELEVATION AS NOTED.
▨	NEW CONCRETE SLAB
⌇	EXISTING MECHANICAL TUNNEL BELOW CONCRETE SLAB
▭	EXISTING FOUNDATION
▬	NEW STEMWALL FOUNDATION
▬	BEARING CMU WALL OR COLUMN
— — —	EXISTING CELLAR BELOW EXISTING SLAB
—-—-—	EXISTING CONCRETE SLAB SAW-CUT LINE
------	NEW FOOTING
▭	EXISTING WALL FOOTPRINT
•	BEARING POST BASE LOCATION
▬	NEW BEARING WALL FOOTPRINT
▭	NEW NONBEARING WALL FOOTPRINT
⊿	CHANGE OF CONC. SLAB ELEVATION
······	EXISTING BUILDING PERIMETER, REMOVED
▒	INFILL EXISTING WALL OPENING
▨	INFILL EXISTING FLOOR DRAINS



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REGISTERED ARCHITECT
STATE OF OREGON

CONSULTANTS

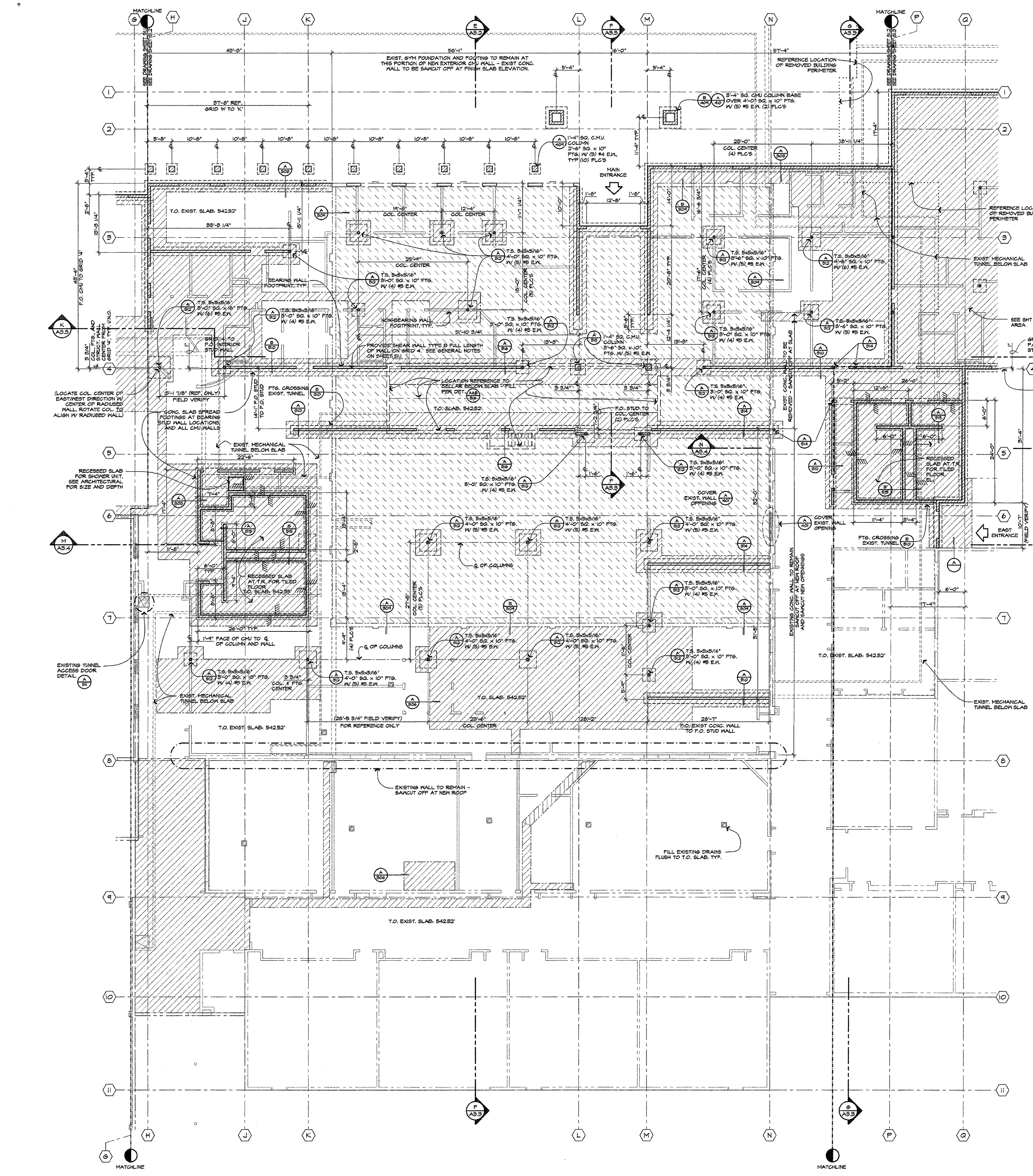
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

FOUNDATION PLAN - WEST, GENERAL NOTES, FOUNDATION LEGEND

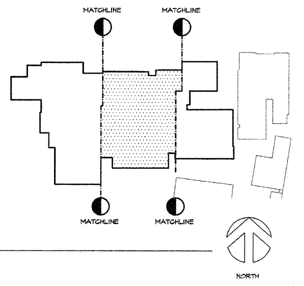
PROJECT NUMBER	DATE
01023	4-4-03

S1.1


MATCHLINE
SEE DRAWING SHEET S1.1
SEE DRAWING SHEET S1.2
SEE DRAWING SHEET S1.2
SEE DRAWING SHEET S1.3
G
H
J
K
L
M
N
P
Q
1
2
3
4
5
6
7
8
9
10
11
E A3.2
F A3.3
G A3.3
K A3.3
M A3.4
N A3.4
43'-3"
58'-1"
16'-0"
57'-4"
EXIST. GYM FOUNDATION AND FOOTING TO REMAIN AT THIS PORTION OF NEW EXTERIOR CMU WALL - EXIST CONC. WALL TO BE SAWCUT OFF AT FINISH SLAB ELEVATION.
REFERENCE LOCATION OF REMOVED BUILDING PERIMETER
37'-8" REF. GRID 'H' TO 'K'
5'-8"
10'-8"
5'-4"
3'-4" SQ. CMU COLUMN BASE OVER 4'-0" SQ. x 10" FTG. W/ (5) #5 E.W. (2) PLC'S
1'-4" SQ. C.M.U. COLUMN 2'-6" SQ. x 10" FTG. W/ (3) #4 E.W., TYP (10) PLC'S
MAIN ENTRANCE
12'-8"
1'-8"
23'-0" COL. CENTER (4) PLC'S
18'-11 1/4"
17'-4"
11'-4" TYP.
3'-4" TYP.
2'-8"
13'-3 1/4"
43'-4" F.O. CMU TO GRID '4'
T.O. EXIST. SLAB: 542.52'
33'-3 1/4"
15'-11 1/4"
19'-8" COL. CENTER
12'-4" COL. CENTER
25'-9" COL. CENTER
18'-0" COL. CENTER (5) PLC'S
T.S. 5x5x5/16" 4'-0" SQ. x 10" FTG. W/ (5) #5 E.W.
T.S. 5x5x5/16" 3'-0" SQ. x 10" FTG. W/ (4) #5 E.W.
T.S. 5x5x5/16" 5'-0" SQ. x 16" FTG. W/ (6) #5 E.W.
T.S. 5x5x5/16" 3'-6" SQ. x 10" FTG. W/ (5) #5 E.W.
T.S. 5x5x5/16" 4'-6" SQ. x 10" FTG. W/ (6) #5 E.W.
BEARING WALL FOOTPRINT, TYP.
NON-BEARING WALL FOOTPRINT, TYP.
51'-10 3/4"
PROVIDE SHEAR WALL TYPE B FULL LENGTH OF WALL ON GRID 4. SEE GENERAL NOTES ON SHEET S1.1
1'-4" SQ. C.M.U. COLUMN 3'-6" SQ. x 10" FTG. W/ (5) #5 E.W.
13'-3"
EXIST. MECHANICAL TUNNEL BELOW SLAB
SEE SHT S1.3 FOR THIS AREA
GRID '4' TO F.O. INTERIOR STUD WALL
EXTERIOR FACE OF CMU WALL AT GRID '4'
COL., FTG., AND STRUCT. WALL CENTER FROM GRID '4', TYP. U.N.O.
3 3/4"
(LOCATE COL. CENTER OF EAST/WEST DIRECTION W/ CENTER OF RADIUSED WALL, ROTATE COL. TO ALIGN W/ RADIUSED WALL)
15'-1 7/8" (REF. ONLY) FIELD VERIFY
CONC. SLAB SPREAD FOOTINGS AT BEARING STUD WALL LOCATIONS AND ALL CMU WALLS
14'-1" F.O. STUD TO F.O. STUD
FTG. CROSSING EXIST. TUNNEL
LOCATION REFERENCE TO CELLAR BELOW SLAB - FILL PER DET. A&B 816
T.O. SLAB: 542.52
F.O. STUD TO COL. CENTER (2) PLC'S
EXIST. CONC. WALL TO BE REMOVED - SAWCUT OFF AT SLAB
COVER EXIST. WALL OPENING
EXISTING CONC. WALL TO REMAIN SAWCUT OFF AT NEW ROOF AND SAWCUT NEW OPENNINGS
5'-2"
26'-0"
12'-8"
6'-0"
24'-0"
31'-4"
11'-4"
3'-4"
10'-7" (FIELD VERIFY)
EAST ENTRANCE
17'-4"
RECESSED SLAB AT T.R. FOR TILED FLOOR EL.
22'-6"
RECESSED SLAB FOR SHOWER UNIT, SEE ARCHITECTURAL FOR SIZE AND DEPTH
7'-4"
11'-8"
6'-0" TYP.
RECESSED SLAB AT T.R. FOR TILED FLOOR T.O. SLAB: 542.35'
26'-0" TYP.
1'-9" FACE OF CMU TO ℄ OF COLUMN AND WALL
℄ OF COLUMNS
27'-5" COL. CENTER (5) PLC'S
9'-4" (4) PLC'S
COL. & FTG. CENTER
EXISTING TUNNEL ACCESS DOOR DETAIL A 311
(28'-5 3/4" FIELD VERIFY) FOR REFERENCE ONLY
28'-6" COL. CENTER
28'-2"
28'-7"
F.O. EXIST CONC. WALL TO F.O. STUD WALL
EXISTING WALL TO REMAIN - SAWCUT OFF AT NEW ROOF
FILL EXISTING DRAINS FLUSH TO T.O. SLAB, TYP.

FOUNDATION PLAN - CORE

SCALE: 1/8" = 1'-0"



SHEET NOTES

1. SEE SHEET S1.1 FOR FOUNDATION LEGEND AND GENERAL NOTES.

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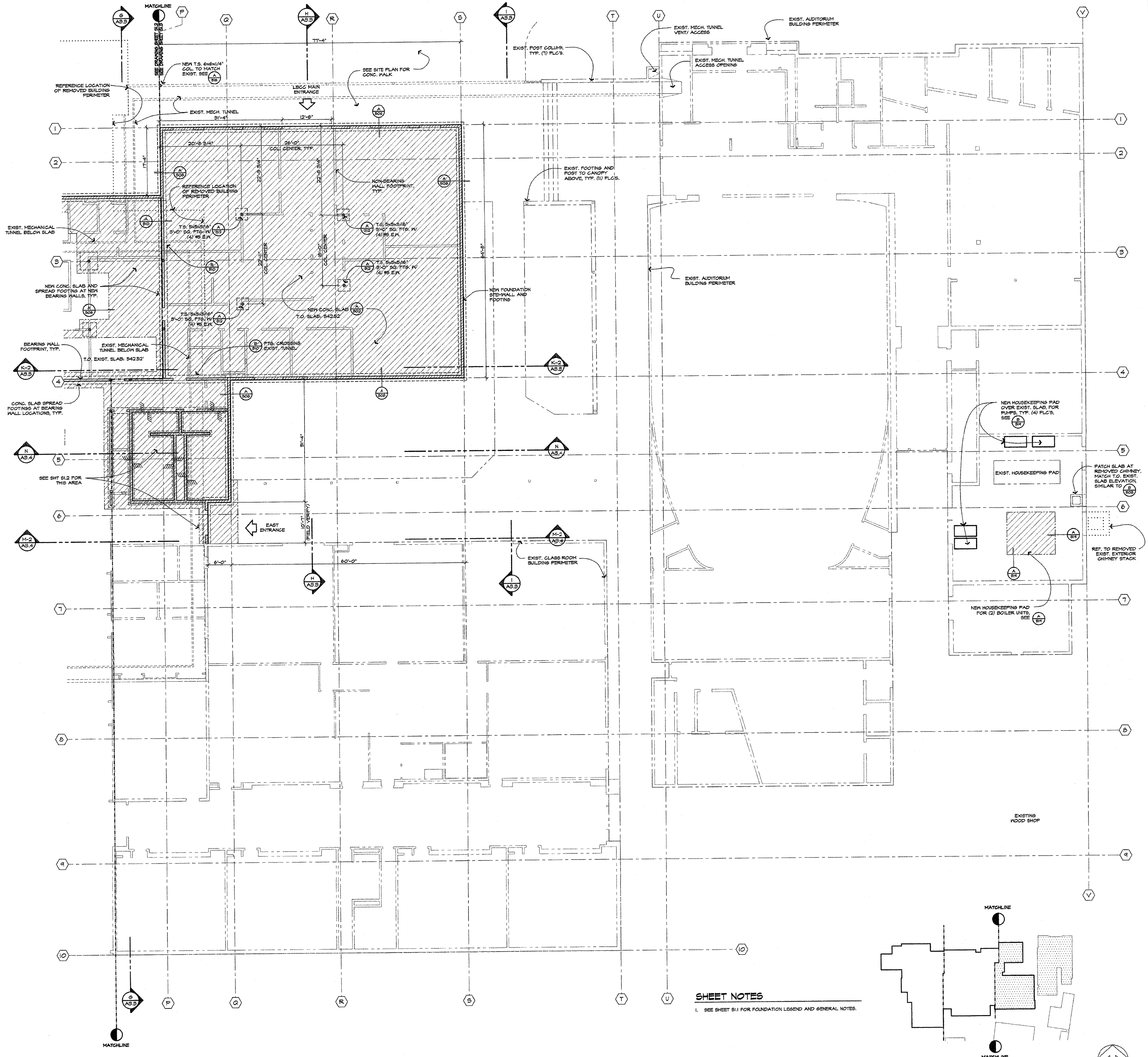
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

FOUNDATION PLAN - CORE

PROJECT NUMBER 01023
DATE 4-4-03

S1.2


MATCHLINE
SEE DRAWING SHEET S1.2
SEE DRAWING SHEET S1.3
P
Q
R
S
T
U
V
G A3.3
H A3.3
I A3.3
77'-4"
NEW T.S. 6x6x1/4" COL. TO MATCH EXIST. SEE A 316
REFERENCE LOCATION OF REMOVED BUILDING PERIMETER
SEE SITE PLAN FOR CONC. WALK
LBCC MAIN ENTRANCE
EXIST. MECH. TUNNEL
31'-4"
12'-8"
A 308
20'-8 3/4"
26'-0" COL. CENTER, TYP.
17'-4"
22'-8 3/4"
22'-8 3/4"
NON-BEARING WALL FOOTPRINT, TYP.
REFERENCE LOCATION OF REMOVED BUILDING PERIMETER
A 310
T.S. 5x5x5/16" 3'-0" SQ. FTG. W/ (4) #5 E.W. A 312
EXIST. MECHANICAL TUNNEL BELOW SLAB
B 310
22'-11" COL. CENTER
18'-0" COL. CENTER
64'-8"
NEW CONC. SLAB AND SPREAD FOOTING AT NEW BEARING WALLS, TYP.
A 306
NEW CONC. SLAB A 302 T.O. SLAB: 542.52'
NEW FOUNDATION STEMWALL AND FOOTING
BEARING WALL FOOTPRINT, TYP.
EXIST. MECHANICAL TUNNEL BELOW SLAB
T.O. EXIST. SLAB: 542.52'
B 310 FTG. CROSSING EXIST. TUNNEL
K-2 A3.3
CONC. SLAB SPREAD FOOTINGS AT BEARING WALL LOCATIONS, TYP.
N A3.4
SEE SHT S1.2 FOR THIS AREA
31'-4"
M-2 A3.4
EAST ENTRANCE
10'-7" (FIELD VERIFY)
6'-0"
60'-0"
EXIST. CLASS ROOM BUILDING PERIMETER
EXIST. POST COLUMN, TYP. (7) PLC'S.
EXIST. MECH. TUNNEL VENT/ ACCESS
EXIST. AUDITORIUM BUILDING PERIMETER
EXIST. MECH. TUNNEL ACCESS OPENING
EXIST. FOOTING AND POST TO CANOPY ABOVE, TYP. (11) PLC'S.
EXIST. AUDITORIUM BUILDING PERIMETER
NEW HOUSEKEEPING PAD OVER EXIST. SLAB, FOR PUMPS, TYP. (4) PLC'S, SEE B 319
EXIST. HOUSEKEEPING PAD
PATCH SLAB AT REMOVED CHIMNEY, MATCH T.O. EXIST. SLAB ELEVATION, SIMILAR TO B 303
A 319
REF. TO REMOVED EXIST. EXTERIOR CHIMNEY STACK
NEW HOUSEKEEPING PAD FOR (2) BOILER UNITS, SEE A 319
EXISTING WOOD SHOP
1
2
3
4
5
6
7
8
9
10
MATCHLINE
MATCHLINE
NORTH

FOUNDATION PLAN - EAST

SCALE: 1/8" = 1'-0"

SHEET NOTES

1. SEE SHEET S1.1 FOR FOUNDATION LEGEND AND GENERAL NOTES.

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FOUNDATION PLAN - EAST

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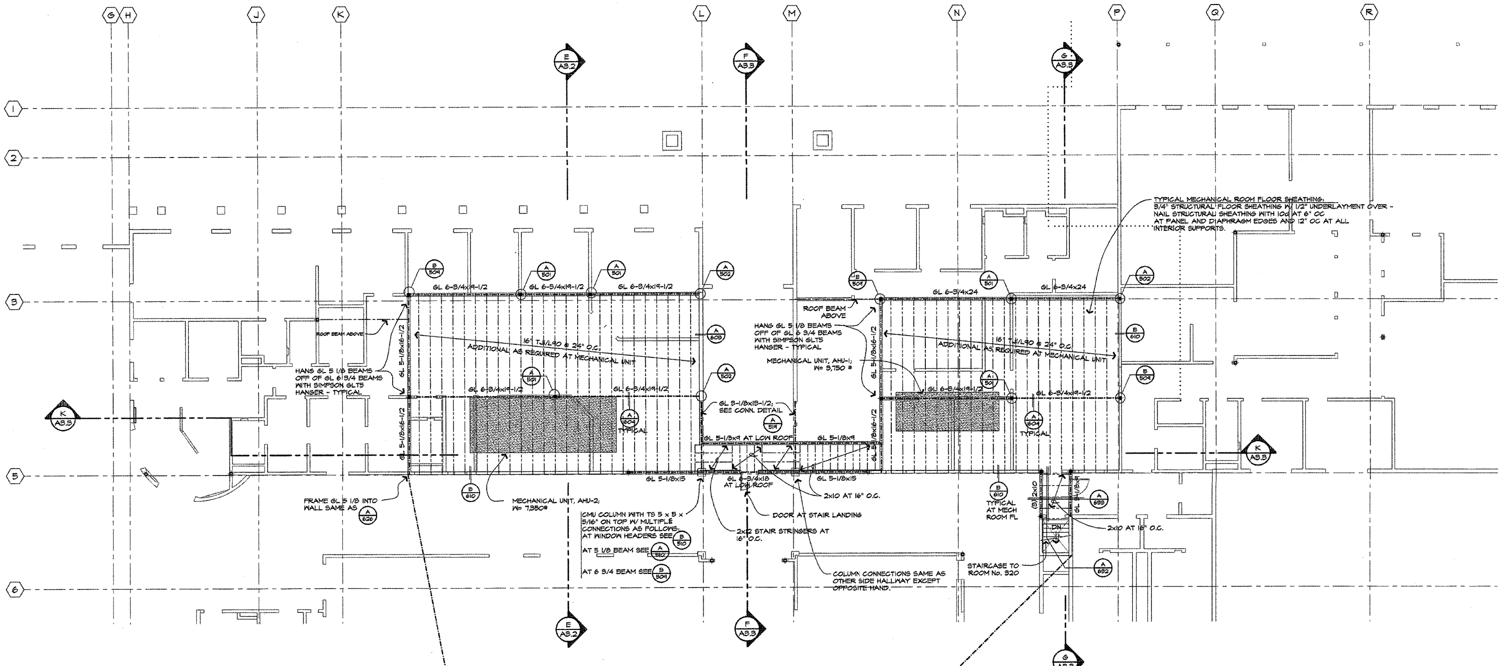
S1.3


G
H
J
K
L
M
N
P
Q
R
1
2
3
5
6
E A3.2
F A3.3
G A3.3
K A3.3
B 509
A 501
A 502
A 608
A 519
A 604
B 610
A 626
B 510
A 510
A 633
A 632
GL 6-3/4x19-1/2
GL 6-3/4x24
GL 5-1/8x16-1/2
GL 5-1/8x15
GL 5-1/8x9
GL 5-1/8x9 AT LOW ROOF
GL 6-3/4x18 AT LOW ROOF
GL 3-1/8x13-1/2; SEE CONN. DETAIL
16" TJI/L90 @ 24" O.C. ADDITIONAL AS REQUIRED AT MECHANICAL UNIT
ROOF BEAM ABOVE
HANG GL 5 1/8 BEAMS OFF OF GL 6 3/4 BEAMS WITH SIMPSON GLTS HANGER - TYPICAL
MECHANICAL UNIT, AHU-1; W= 3,750 #
MECHANICAL UNIT, AHU-2; W= 7,350#
TYPICAL
TYPICAL AT MECH ROOM FL
FRAME GL 5 1/8 INTO WALL SAME AS
CMU COLUMN WITH TS 5 x 5 x 5/16" ON TOP W/ MULTIPLE CONNECTIONS AS FOLLOWS: AT WINDOW HEADERS SEE AT 5 1/8 BEAM SEE AT 6 3/4 BEAM SEE
2x10 AT 16" O.C.
DOOR AT STAIR LANDING
2x12 STAIR STRINGERS AT 16" O.C.
COLUMN CONNECTIONS SAME AS OTHER SIDE HALLWAY EXCEPT OPPOSITE HAND.
STAIRCASE TO ROOM No. 320
DN
TYPICAL MECHANICAL ROOM FLOOR SHEATHING: 3/4" STRUCTURAL FLOOR SHEATHING W/ 1/2" UNDERLAYMENT OVER - NAIL STRUCTURAL SHEATHING WITH 10d AT 6" OC AT PANEL AND DIAPHRAGM EDGES AND 12" OC AT ALL INTERIOR SUPPORTS.

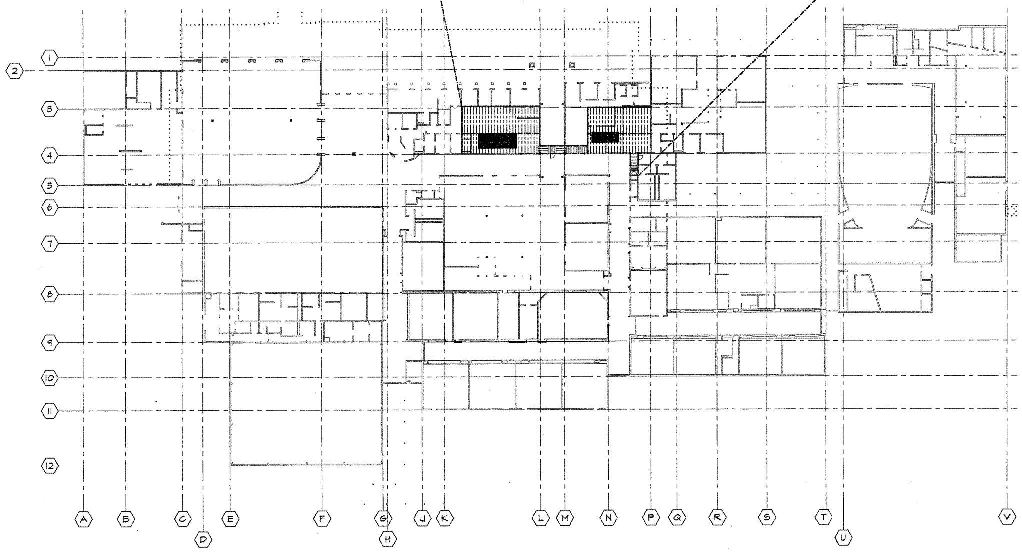
NOTE: ALL BEAMS SHOWN AT MECHANICAL ROOM FLOORS ARE TO BE FLUSH AT TOP WITH TRUSSED JOIST FLOOR FRAMING UNLESS NOTED OTHERWISE.

ATTIC FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

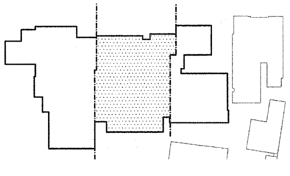
NORTH

FOR GENERAL NOTES AND LEGEND SEE SHEET S1.1 AND S3.1



ATTIC FLOOR KEY PLAN

SCALE: 1" = 30'-0"



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ATTIC FL. KEY PLAN
ATTIC FLOOR
FRAMING PLAN

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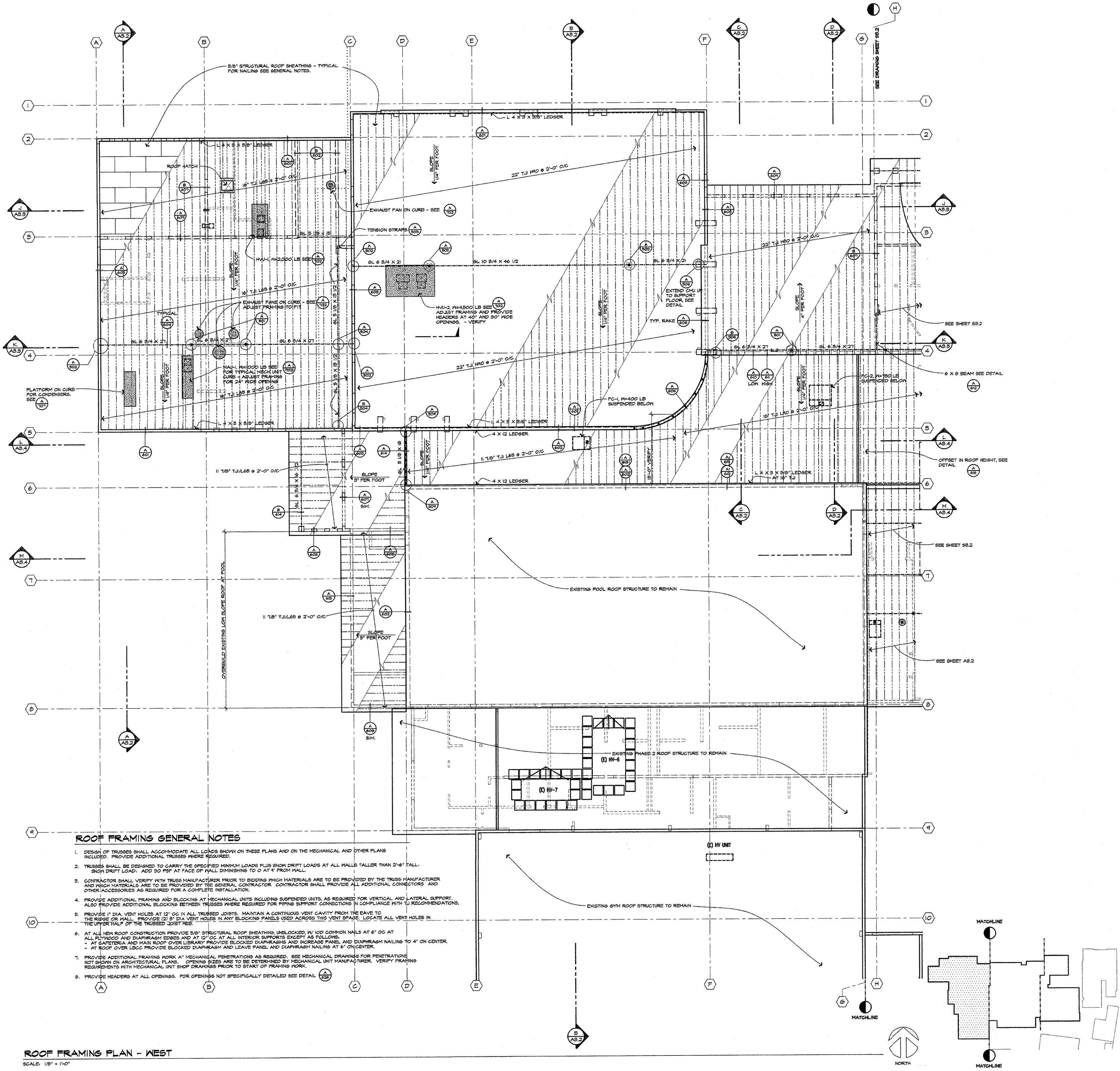
S2.1


5/8" STRUCTURAL ROOF SHEATHING - TYPICAL FOR NAILING SEE GENERAL NOTES.
L 4 X 3 X 3/8" LEDGER
ROOF HATCH
16" TJI L65 @ 2'-0" O/C
SLOPE 1/4" PER FOOT
EXHAUST FAN ON CURB - SEE A/702
TENSION STRAPS A/503
GL 5 1/8 X 15
HVU-1, W=2,000 LB SEE A/702
EXHAUST FANS ON CURB - SEE A/702 ADJUST FRAMING TO FIT
TYPICAL
GL 6 3/4 X 27
GL 5 1/8 X 13 1/2
MAU-1, W=1,000 LB SEE A/1102 FOR TYPICAL MECH. UNIT CURB - ADJUST FRAMING FOR 24" WIDE OPENING
PLATFORM ON CURB FOR CONDENSERS. SEE A/707
GL 6 3/4 X 21
GL 10 3/4 X 46 1/2
HVU-2, W=4,500 LB SEE A/702 ADJUST FRAMING AND PROVIDE HEADERS AT 40" AND 30" WIDE OPENINGS. - VERIFY
22" TJI H90 @ 2'-0" O/C
EXTEND CMU UP TO SUPPORT FLOOR, SEE DETAIL
TYP. RAKE
SLOPE 4" PER FOOT
LOW HIGH
FC-1, W=400 LB SUSPENDED BELOW
FC-2, W=750 LB SUSPENDED BELOW
18' TJI L90 @ 2'-0" O/C
6 X 8 BEAM SEE DETAIL A/612
4 X 12 LEDGER
11 7/8" TJI L65 @ 2'-0" O/C
11 7/8" TJI/L65 @ 2'-0" O/C
GL 5 1/8 X 18
GL 6 3/4 X 16 1/2
18'-0" VERIFY
L 4 X 3 X 3/8" LEDGER AT 18" TJI
OFFSET IN ROOF HEIGHT, SEE DETAIL A/616
SLOPE 3" PER FOOT
SIM.
SEE SHEET S3.2
SEE SHEET A3.2
SEE DRAWING SHEET S3.2
OVERBUILD EXISTING LOW SLOPE ROOF AT POOL
EXISTING POOL ROOF STRUCTURE TO REMAIN
EXISTING PHASE 2 ROOF STRUCTURE TO REMAIN
(E) HV-6
(E) HV-7
(E) HV UNIT
EXISTING GYM ROOF STRUCTURE TO REMAIN
MATCHLINE
NORTH
A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9
10
A3.2
A3.3
A3.4

ROOF FRAMING GENERAL NOTES

1. DESIGN OF TRUSSES SHALL ACCOMMODATE ALL LOADS SHOWN ON THESE PLANS AND ON THE MECHANICAL AND OTHER PLANS INCLUDED. PROVIDE ADDITIONAL TRUSSES WHERE REQUIRED.
2. TRUSSES SHALL BE DESIGNED TO CARRY THE SPECIFIED MINIMUM LOADS PLUS SNOW DRIFT LOADS AT ALL WALLS TALLER THAN 2'-6" TALL:
   SNOW DRIFT LOAD: ADD 30 PSF AT FACE OF WALL DIMINISHING TO 0 AT 9' FROM WALL.
3. CONTRACTOR SHALL VERIFY WITH TRUSS MANUFACTURER PRIOR TO BIDDING WHICH MATERIALS ARE TO BE PROVIDED BY THE TRUSS MANUFACTURER AND WHICH MATERIALS ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CONNECTORS AND OTHER ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
4. PROVIDE ADDITIONAL FRAMING AND BLOCKING AT MECHANICAL UNITS INCLUDING SUSPENDED UNITS, AS REQUIRED FOR VERTICAL AND LATERAL SUPPORT. ALSO PROVIDE ADDITIONAL BLOCKING BETWEEN TRUSSES WHERE REQUIRED FOR PIPING SUPPORT CONNECTIONS IN COMPLIANCE WITH TJ RECOMMENDATIONS,
5. PROVIDE 1" DIA. VENT HOLES AT 12" OC IN ALL TRUSSED JOISTS. MAINTAIN A CONTINUOUS VENT CAVITY FROM THE EAVE TO THE RIDGE OR WALL. PROVIDE (2) 3" DIA VENT HOLES IN ANY BLOCKING PANELS USED ACROSS THIS VENT SPACE. LOCATE ALL VENT HOLES IN THE UPPER HALF OF THE TRUSSED JOIST WEB.
6. AT ALL NEW ROOF CONSTRUCTION PROVIDE 5/8" STRUCTURAL ROOF SHEATHING, UNBLOCKED, W/ 10D COMMON NAILS AT 6" OC AT ALL PLYWOOD AND DIAPHRAGM EDGES AND AT 12" OC AT ALL INTERIOR SUPPORTS EXCEPT AS FOLLOWS:
   - AT CAFETERIA AND MAIN ROOF OVER LIBRARY PROVIDE BLOCKED DIAPHRAGMS AND INCREASE PANEL AND DIAPHRAGM NAILING TO 4" ON CENTER.
   - AT ROOF OVER LBCC PROVIDE BLOCKED DIAPHRAGM AND LEAVE PANEL AND DIAPHRAGM NAILING AT 6" ON CENTER.
7. PROVIDE ADDITIONAL FRAMING WORK AT MECHANICAL PENETRATIONS AS REQUIRED. SEE MECHANICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON ARCHITECTURAL PLANS. OPENING SIZES ARE TO BE DETERMINED BY MECHANICAL UNIT MANUFACTURER. VERIFY FRAMING REQUIREMENTS WITH MECHANICAL UNIT SHOP DRAWINGS PRIOR TO START OF FRAMING WORK.
8. PROVIDE HEADERS AT ALL OPENINGS. FOR OPENINGS NOT SPECIFICALLY DETAILED SEE DETAIL A/626

ROOF FRAMING PLAN - WEST

SCALE: 1/8" = 1'-0"

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ROOF FRAMING - WEST

PROJECT NUMBER	DATE
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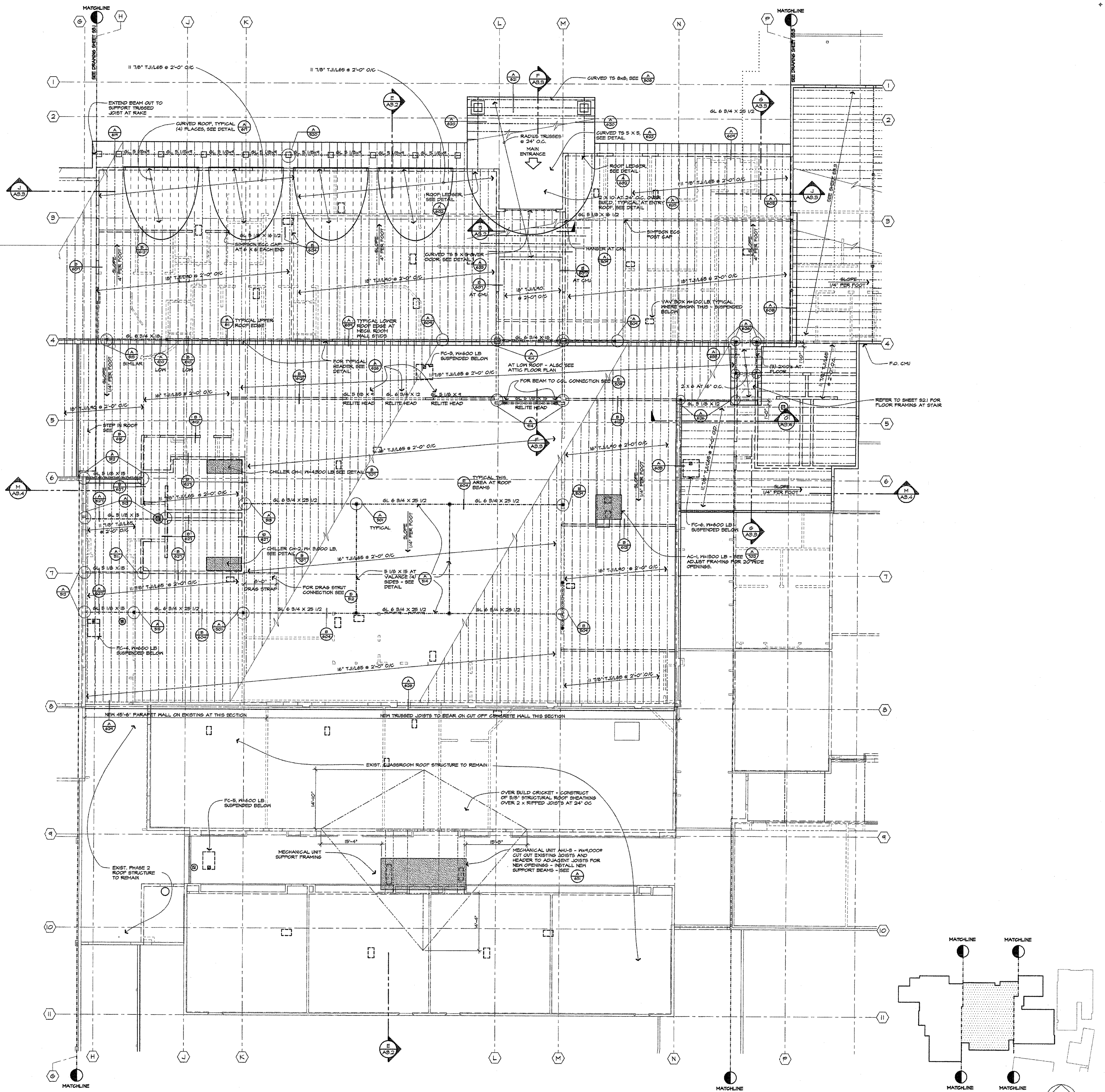
S3.1


MATCHLINE
SEE DRAWING SHEET S3.1
SEE DRAWING SHEET S3.3
11 7/8" TJI/L65 @ 2'-0" O/C
EXTEND BEAM OUT TO SUPPORT TRUSSED JOIST AT RAKE
CURVED ROOF, TYPICAL (4) PLACES, SEE DETAIL
GL 5 1/8x9
CURVED TS 8x8; SEE
RADIUS TRUSSES @ 24" O.C.
MAIN ENTRANCE
CURVED TS 5 X 5, SEE DETAIL
GL 6 3/4 X 25 1/2
ROOF LEDGER, SEE DETAIL
2 X 10 AT 24" O.C. OVER BUILD, TYPICAL AT ENTRY ROOF, SEE DETAIL
GL 5 1/8 X 16 1/2
SIMPSON ECC CAP AT 6 X 6 EACH END
SIMPSON ECC POST CAP
HANGER AT CMU
CURVED TS 5 X 5 OVER DOOR, SEE DETAIL
SLOPE 4" PER FOOT
18" TJI/L90 @ 2'-0" O/C
18" TJI/L65 @ 2'-0" O/C
AT CMU
SLOPE 1/4" PER FOOT
VAV BOX W=100 LB TYPICAL WHERE SHOWN THUS - SUSPENDED BELOW
TYPICAL UPPER ROOF EDGE
TYPICAL LOWER ROOF EDGE AT MECH. ROOM WALL STUDS
GL 6 3/4 X 18
SIMILAR
LOW
FOR TYPICAL HEADER, SEE DETAIL
FC-3, W=600 LB SUSPENDED BELOW
AT LOW ROOF - ALSO SEE ATTIC FLOOR PLAN
FOR BEAM TO COL CONNECTION SEE
GL 5 1/8 X 9
GL 6 3/4 X 12
GL 5 1/8 X 15
RELITE HEAD
GL 3 1/8 X 12
2 X 6 AT 16" O.C.
(3) 2X10's AT FLOOR
F.O. CMU
REFER TO SHEET S2.1 FOR FLOOR FRAMING AT STAIR
16" TJI/L65 @ 2'-0" O/C
16" TJI/L90 @ 2'-0" O/C
STEP IN ROOF SEE
CHILLER CH-1, W=4,300 LB SEE DETAIL
TYPICAL THIS AREA AT ROOF BEAMS
TYPICAL
CHILLER CH-2, W= 3,000 LB, SEE DETAIL
5 1/8 X 15 AT VALANCE (4) SIDES - SEE DETAIL
8'-0"
DRAG STRAP
FOR DRAG STRUT CONNECTION SEE
FC-4, W=600 LB SUSPENDED BELOW
FC-6, W=600 LB SUSPENDED BELOW
AC-1, W=1800 LB - SEE ADJUST FRAMING FOR 20" WIDE OPENINGS.
NEW 45'-6" PARAPET WALL ON EXISTING AT THIS SECTION
NEW TRUSSED JOISTS TO BEAR ON CUT OFF CONCRETE WALL THIS SECTION
EXIST. CLASSROOM ROOF STRUCTURE TO REMAIN
OVER BUILD CRICKET - CONSTRUCT OF 5/8" STRUCTURAL ROOF SHEATHING OVER 2 x RIPPED JOISTS AT 24" OC
FC-5, W=600 LB SUSPENDED BELOW
14'-10"
15'-4"
15'-8"
14'-4"
MECHANICAL UNIT SUPPORT FRAMING
MECHANICAL UNIT AHU-3 - W=9,000# CUT OUT EXISTING JOISTS AND HEADER TO ADJACENT JOISTS FOR NEW OPENINGS - INSTALL NEW SUPPORT BEAMS - SEE
EXIST. PHASE 2 ROOF STRUCTURE TO REMAIN
NORTH

ROOF FRAMING PLAN - CORE

SCALE: 1/8" = 1'-0"

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ROOF FRAMING - CORE

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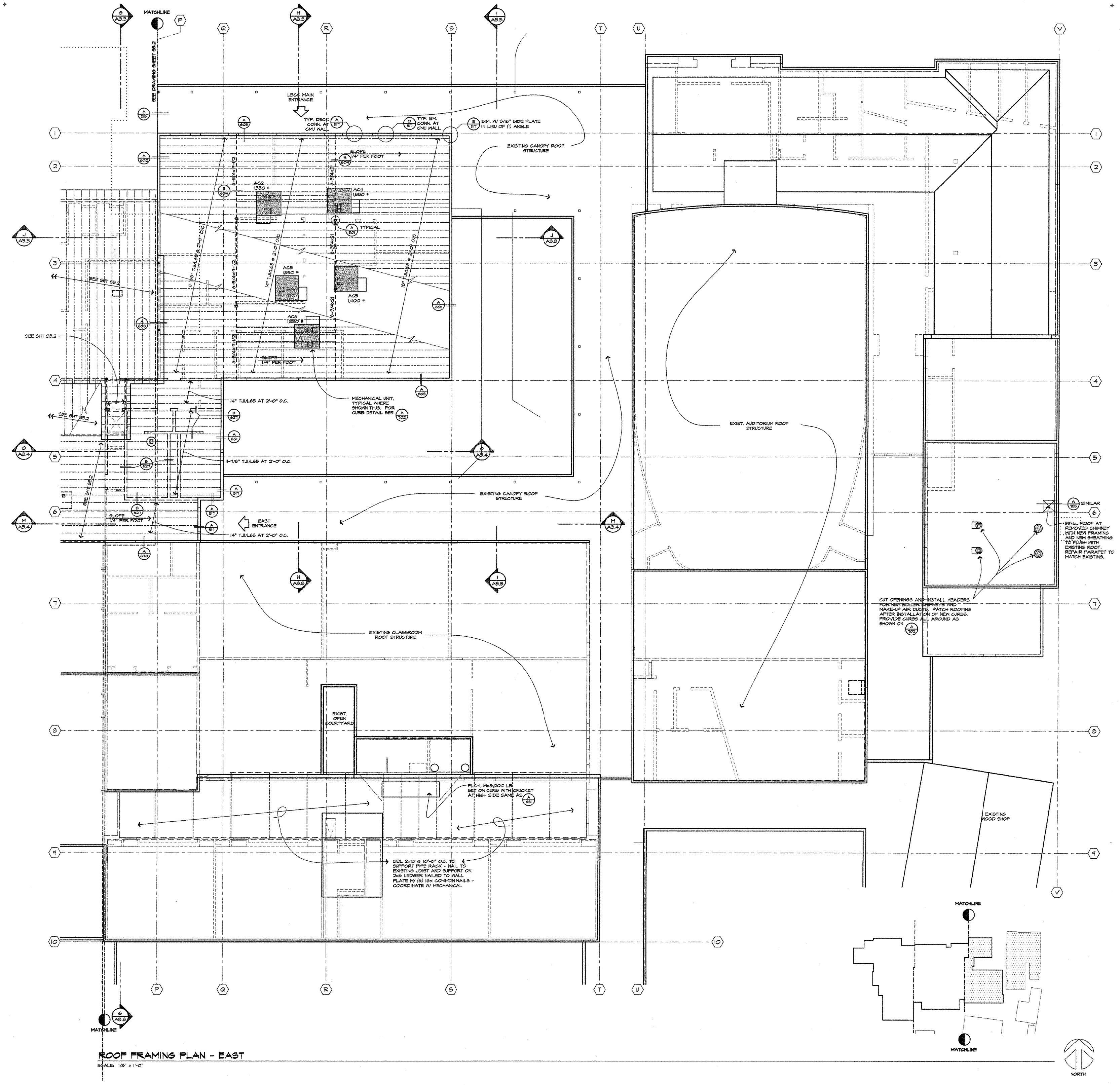
S3.2


MATCHLINE
SEE DRAWING SHEET S3.2
LBCC MAIN ENTRANCE
TYP. DECK CONN. AT CMU WALL
TYP. BM. CONN. AT CMU WALL
SIM. W/ 3/16" SIDE PLATE IN LIEU OF (1) ANGLE
EXISTING CANOPY ROOF STRUCTURE
SLOPE 1/4" PER FOOT
AC2 1,330 #
AC4 1,330 #
TYPICAL
AC3 1,330 #
AC5 1,400 #
AC6 1,330 #
11-7/8" TJI/L65 @ 2'-0" O/C
14" TJI/L65 @ 2'-0" O/C
18" TJI/L65 @ 2'-0" O/C
6-3/4x19-1/2
6-3/4x21
SEE SHT S3.2
MECHANICAL UNIT, TYPICAL WHERE SHOWN THUS. FOR CURB DETAIL SEE A/702
14" TJI/L65 AT 2'-0" O.C.
11-7/8" TJI/L65 AT 2'-0" O.C.
EAST ENTRANCE
EXISTING CANOPY ROOF STRUCTURE
EXISTING CLASSROOM ROOF STRUCTURE
EXIST. OPEN COURTYARD
FLC-1, W=8,000 LB SET ON CURB WITH CRICKET AT HIGH SIDE SAME AS A/631
DBL 2x10 @ 10'-0" O.C. TO SUPPORT PIPE RACK - NAIL TO EXISTING JOIST AND SUPPORT ON 2x6 LEDGER NAILED TO WALL PLATE W/ (6) 16d COMMON NAILS - COORDINATE W/ MECHANICAL
EXIST. AUDITORIUM ROOF STRUCTURE
SIMILAR
INFILL ROOF AT REMOVED CHIMNEY WITH NEW FRAMING AND NEW SHEATHING TO FLUSH WITH EXISTING ROOF. REPAIR PARAPET TO MATCH EXISTING.
CUT OPENINGS AND INSTALL HEADERS FOR NEW BOILER CHIMNEYS AND MAKE-UP AIR DUCTS. PATCH ROOFING AFTER INSTALLATION OF NEW CURBS. PROVIDE CURBS ALL AROUND AS SHOWN ON A/702
EXISTING WOOD SHOP
MATCHLINE
NORTH
P Q R S T U V
1 2 3 4 5 6 7 8 9 10

ROOF FRAMING PLAN - EAST

SCALE: 1/8" = 1'-0"

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ROOF FRAMING - EAST

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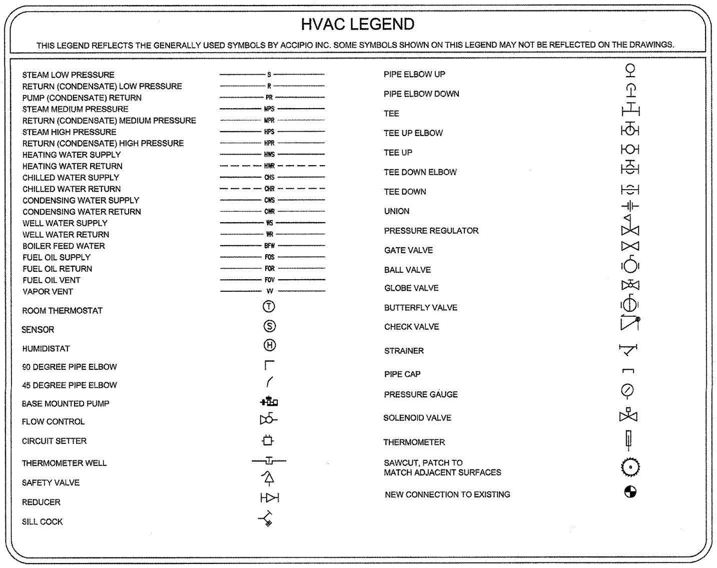
S3.3

HVAC LEGEND

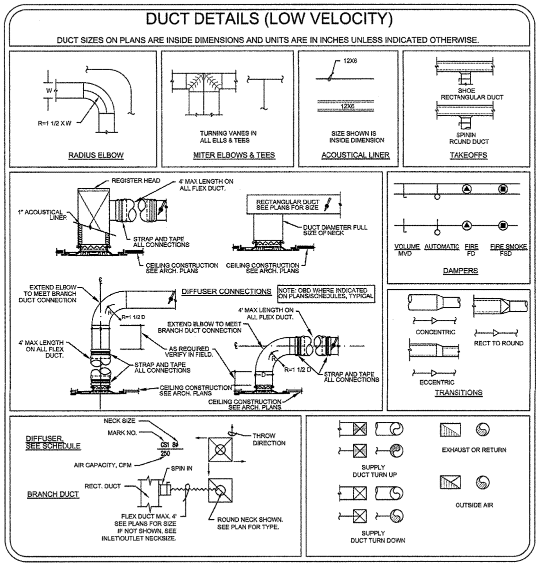
THIS LEGEND REFLECTS THE GENERALLY USED SYMBOLS BY ACCIPIO INC. SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT BE REFLECTED ON THE DRAWINGS.



STEAM LOW PRESSURE	—— S ——	PIPE ELBOW UP	
RETURN (CONDENSATE) LOW PRESSURE	—— R ——	PIPE ELBOW DOWN	
PUMP (CONDENSATE) RETURN	—— PR ——	TEE	
STEAM MEDIUM PRESSURE	—— MPS ——	TEE UP ELBOW	
RETURN (CONDENSATE) MEDIUM PRESSURE	—— MPR ——	TEE UP	
STEAM HIGH PRESSURE	—— HPS ——	TEE DOWN ELBOW	
RETURN (CONDENSATE) HIGH PRESSURE	—— HPR ——	TEE DOWN	
HEATING WATER SUPPLY	—— HWS ——	UNION	
HEATING WATER RETURN	– – HWR – –	PRESSURE REGULATOR	
CHILLED WATER SUPPLY	—— CHS ——	GATE VALVE	
CHILLED WATER RETURN	– – CHR – –	BALL VALVE	
CONDENSING WATER SUPPLY	—— CWS ——	GLOBE VALVE	
CONDENSING WATER RETURN	—— CWR ——	BUTTERFLY VALVE	
WELL WATER SUPPLY	—— WS ——	CHECK VALVE	
WELL WATER RETURN	—— WR ——	STRAINER	
BOILER FEED WATER	—— BFW ——	PIPE CAP	
FUEL OIL SUPPLY	—— FOS ——	PRESSURE GAUGE	⊘
FUEL OIL RETURN	—— FOR ——	SOLENOID VALVE	
FUEL OIL VENT	—— FOV ——	THERMOMETER	
VAPOR VENT	—— VV ——	SAWCUT, PATCH TO MATCH ADJACENT SURFACES	
ROOM THERMOSTAT	Ⓣ	NEW CONNECTION TO EXISTING	◕
SENSOR	Ⓢ		
HUMIDISTAT	Ⓗ		
90 DEGREE PIPE ELBOW	┌		
45 DEGREE PIPE ELBOW			
BASE MOUNTED PUMP			
FLOW CONTROL			
CIRCUIT SETTER			
THERMOMETER WELL			
SAFETY VALVE			
REDUCER			
SILL COCK			

DUCT DETAILS (LOW VELOCITY)

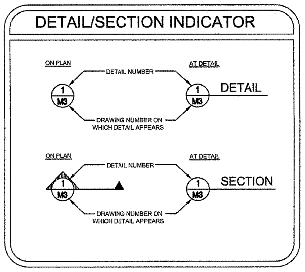
DUCT SIZES ON PLANS ARE INSIDE DIMENSIONS AND UNITS ARE IN INCHES UNLESS INDICATED OTHERWISE.


W
R=1 1/2 X W
RADIUS ELBOW
TURNING VANES IN ALL ELLS & TEES
MITER ELBOWS & TEES
12X6
12X6
SIZE SHOWN IS INSIDE DIMENSION
ACOUSTICAL LINER
SHOE RECTANGULAR DUCT
SPININ ROUND DUCT
TAKEOFFS
REGISTER HEAD
4' MAX LENGTH ON ALL FLEX DUCT.
1" ACOUSTICAL LINER
STRAP AND TAPE ALL CONNECTIONS
CEILING CONSTRUCTION SEE ARCH. PLANS
RECTANGULAR DUCT SEE PLANS FOR SIZE
DUCT DIAMETER FULL SIZE OF NECK
CEILING CONSTRUCTION SEE ARCH. PLANS
EXTEND ELBOW TO MEET BRANCH DUCT CONNECTION
DIFFUSER CONNECTIONS
NOTE: OBD WHERE INDICATED ON PLANS/SCHEDULES, TYPICAL
R
R=1 1/2 D
4' MAX LENGTH ON ALL FLEX DUCT.
EXTEND ELBOW TO MEET BRANCH DUCT CONNECTION
4' MAX LENGTH ON ALL FLEX DUCT.
AS REQUIRED VERIFY IN FIELD.
STRAP AND TAPE ALL CONNECTIONS
CEILING CONSTRUCTION SEE ARCH. PLANS
D
R
R=1 1/2 D
STRAP AND TAPE ALL CONNECTIONS
CEILING CONSTRUCTION SEE ARCH. PLANS
VOLUME MVD
AUTOMATIC
FIRE FD
FIRE SMOKE FSD
DAMPERS
CONCENTRIC
RECT TO ROUND
ECCENTRIC
TRANSITIONS
NECK SIZE
MARK NO.
DIFFUSER, SEE SCHEDULE
CS1 8Ø
250
AIR CAPACITY, CFM
THROW DIRECTION
SPIN IN
RECT. DUCT
BRANCH DUCT
FLEX DUCT MAX. 4' SEE PLANS FOR SIZE IF NOT SHOWN, SEE INLET\OUTLET NECKSIZE.
ROUND NECK SHOWN. SEE PLAN FOR TYPE.
SUPPLY DUCT TURN UP
SUPPLY DUCT TURN DOWN
EXHAUST OR RETURN
OUTSIDE AIR

ABBREVIATIONS:

AFF	ABOVE FINISH FLOOR	(N)	NEW
AL	ALUMINUM	O.A.	OUTSIDE AIR
CFM	CUBIC FEET PER MINUTE	OBD	OPPOSED BLADE DAMPER
CLG.	CEILING	PSI	POUNDS PER SQUARE INCH
DD	DOUBLE DEFLECTION	PT	PRESSURE TREATED
(E)	EXISTING	RA	RETURN AIR
ESP	EXTERNAL STATIC PRESSURE	SD	SMOKE DAMPER
FD	FIRE DAMPER	SA	SUPPLY AIR
FSD	FIRE/SMOKE DAMPER	SEER	SEASONAL ENERGY EFFICIENT RATIO
FLR	FLOOR	SPECS.	SEE SPECIFICATIONS
HP	HORSEPOWER	SS	STAINLESS STEEL
IJS	IN JOIST SPACE	ST	STEEL
I.W.	INTERLOCK WITH	SWL	SWITCH WITH LIGHTS
MAX	MAXIMUM	SWP	SWITCH WITH PILOT LIGHT
MCA	MINIMUM CIRCUIT AMPS	TC	TIME CLOCK
MIN	MINIMUM	TS	TIME SWITCH
MVD	MANUAL VOLUME DAMPER	TSP	TOTAL STATIC PRESSURE

DETAIL/SECTION INDICATOR



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M3.7	SCHEDULES - HVAC
M3.8	DETAILS - HVAC
M3.9	DETAILS - HVAC

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03/28/03
REGISTERED PROFESSIONAL ENGINEER
12506
OREGON
JULY 13, 1984
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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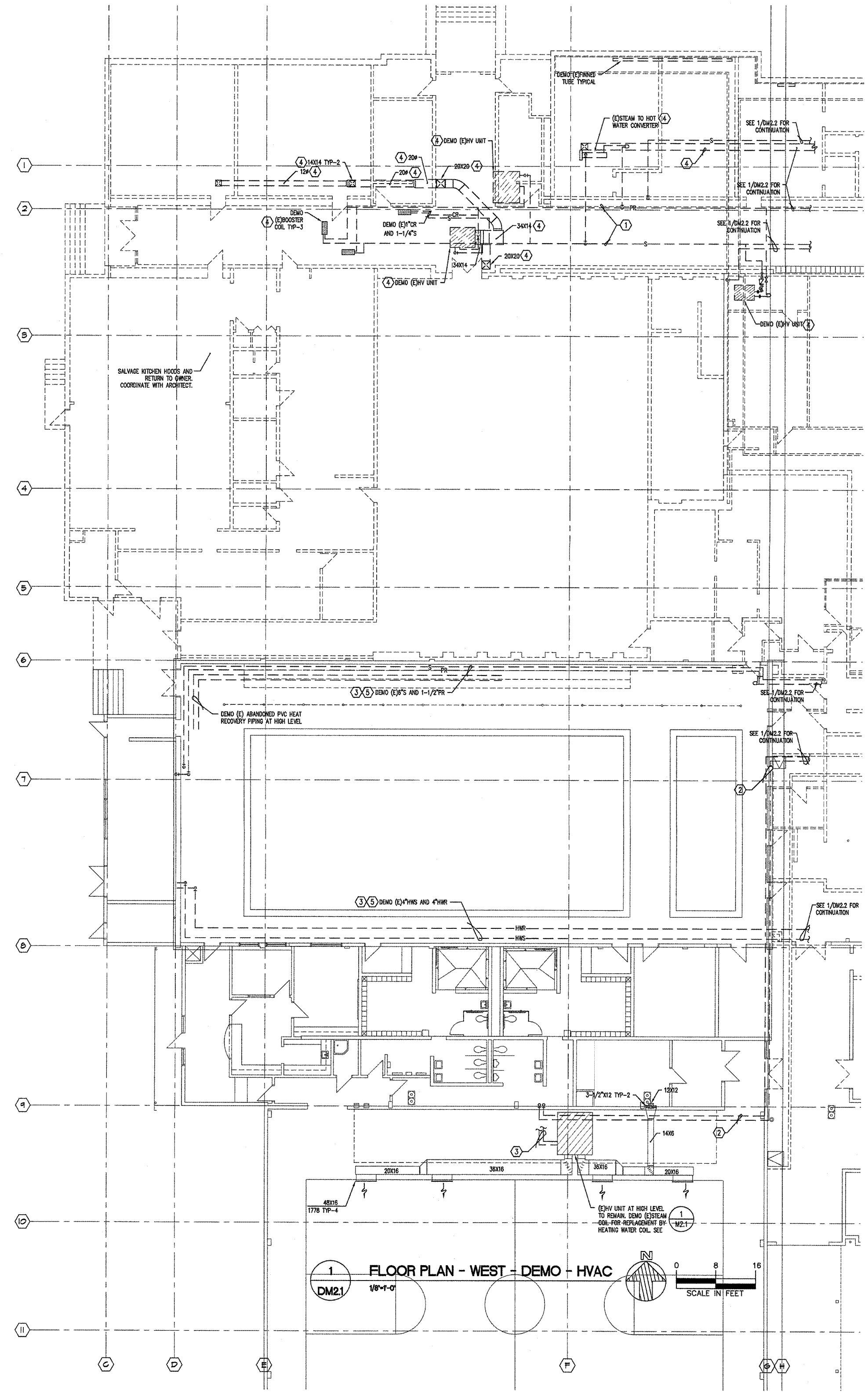
HIGH SCHOOL RECONSTRUCTION

△ REVISED

COVER SHEET
HVAC

PROJECT NUMBER	DATE
01023	04-04-03

M0.0


DEMO (E)FINNED TUBE TYPICAL
(E)STEAM TO HOT WATER CONVERTER 4
SEE 1/DM2.2 FOR CONTINUATION
4 DEMO (E)HV UNIT
4 14X14 TYP-2
12ø 4
4 20ø
20ø 4
20X20 4
4
SEE 1/DM2.2 FOR CONTINUATION
SEE 1/DM2.2 FOR CONTINUATION
DEMO 4 (E)BOOSTER COIL TYP-3
DEMO (E)1"CR AND 1-1/4"S
CR
S
PR
1
34X14 4
20X20 4
34X14
4 DEMO (E)HV UNIT
DEMO (E)HV UNIT 4
SALVAGE KITCHEN HOODS AND RETURN TO OWNER. COORDINATE WITH ARCHITECT.
S
PR
3 5 DEMO (E)6"S AND 1-1/2"PR
DEMO (E) ABANDONED PVC HEAT RECOVERY PIPING AT HIGH LEVEL
SEE 1/DM2.2 FOR CONTINUATION
SEE 1/DM2.2 FOR CONTINUATION
2
3 5 DEMO (E)4"HWS AND 4"HWR
HWR
HWS
SEE 1/DM2.2 FOR CONTINUATION
3-1/2"X12 TYP-2
12X12
14X6
2
3
20X16
36X16
36X16
20X16
48X16
1778 TYP-4
(E)HV UNIT AT HIGH LEVEL TO REMAIN. DEMO (E)STEAM ~~COIL FOR REPLACEMENT BY~~ HEATING WATER COIL. SEE
1
M2.1
N
0
8
16
SCALE IN FEET
1
2
3
4
5
6
7
8
9
10
11
C
D
E
F
G
H

1
DM2.1
FLOOR PLAN - WEST - DEMO - HVAC
1/8"=1'-0"

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

GENERAL NOTES

1 COORDINATE LOCATION OF INLETS AND OUTLETS WITH ARCHITECTURAL. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

2 DEMOLISH ALL PIPING TO A POINT BEYOND CONCEALMENT. ABANDON PIPING AS INDICATED BEYOND FLOORS, WALLS, CEILINGS, ETC.

3 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

4 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

5 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

6 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

NOTES THIS SHEET ⬡

1 DEMOLISH PIPING IN ATTIC.

2 DEMOLISH PIPING IN TUNNEL.

3 DEMOLISH PIPING AT HIGH LEVEL.

4 DEMOLISH (E) DUCTWORK, GRILLES, DIFFUSERS, HVAC EQUIPMENT AND CONTROLS.

5 PIPING IN SWIMMING POOL TO BE DEMOLISHED UNDER PHASE 3, STAGE 2.

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EXPIRES 12/31/03

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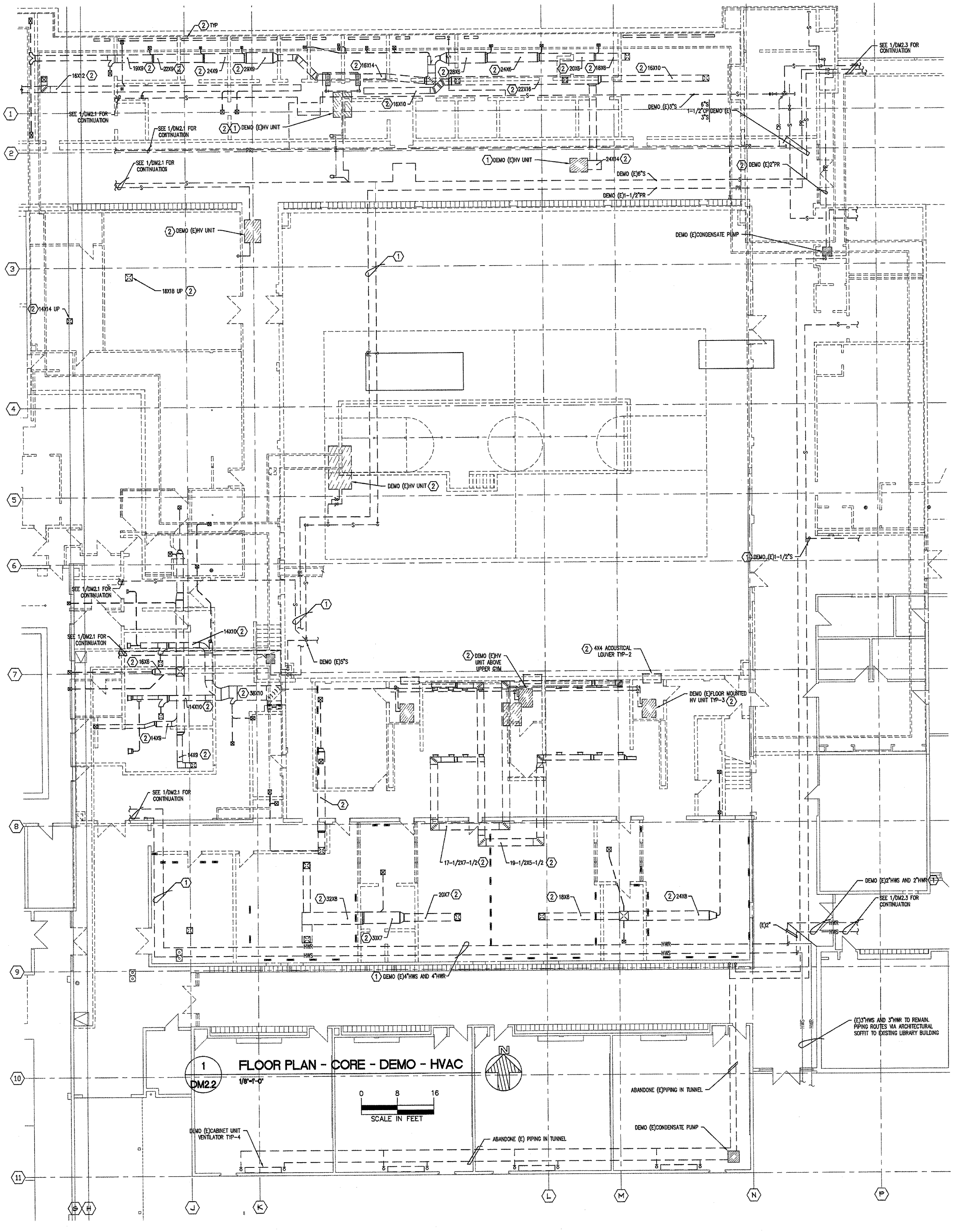
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△	REVISED

FLOOR PLAN -
WEST - DEMO -
HVAC

PROJECT NUMBER	DATE
01023	04-04-03

DM2.1



1 DM2.2 FLOOR PLAN - CORE - DEMO - HVAC

1/8"=1'-0"

PHASING NOTES

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GENERAL NOTES

1 COORDINATE LOCATION OF INLETS AND OUTLETS WITH ARCHITECTURAL. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

2 DEMOLISH ALL PIPING TO A POINT BEYOND CONCEALMENT. ABANDON PIPING AS INDICATED BEYOND FLOORS, WALLS, CEILINGS, ETC.

3 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

4 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

5 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

6 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

NOTES THIS SHEET

1 IN ATTIC.

2 DEMOLISH DUCTWORK, GRILLES, DIFFUSERS, HVAC EQUIPMENT, AND CONTROLS.

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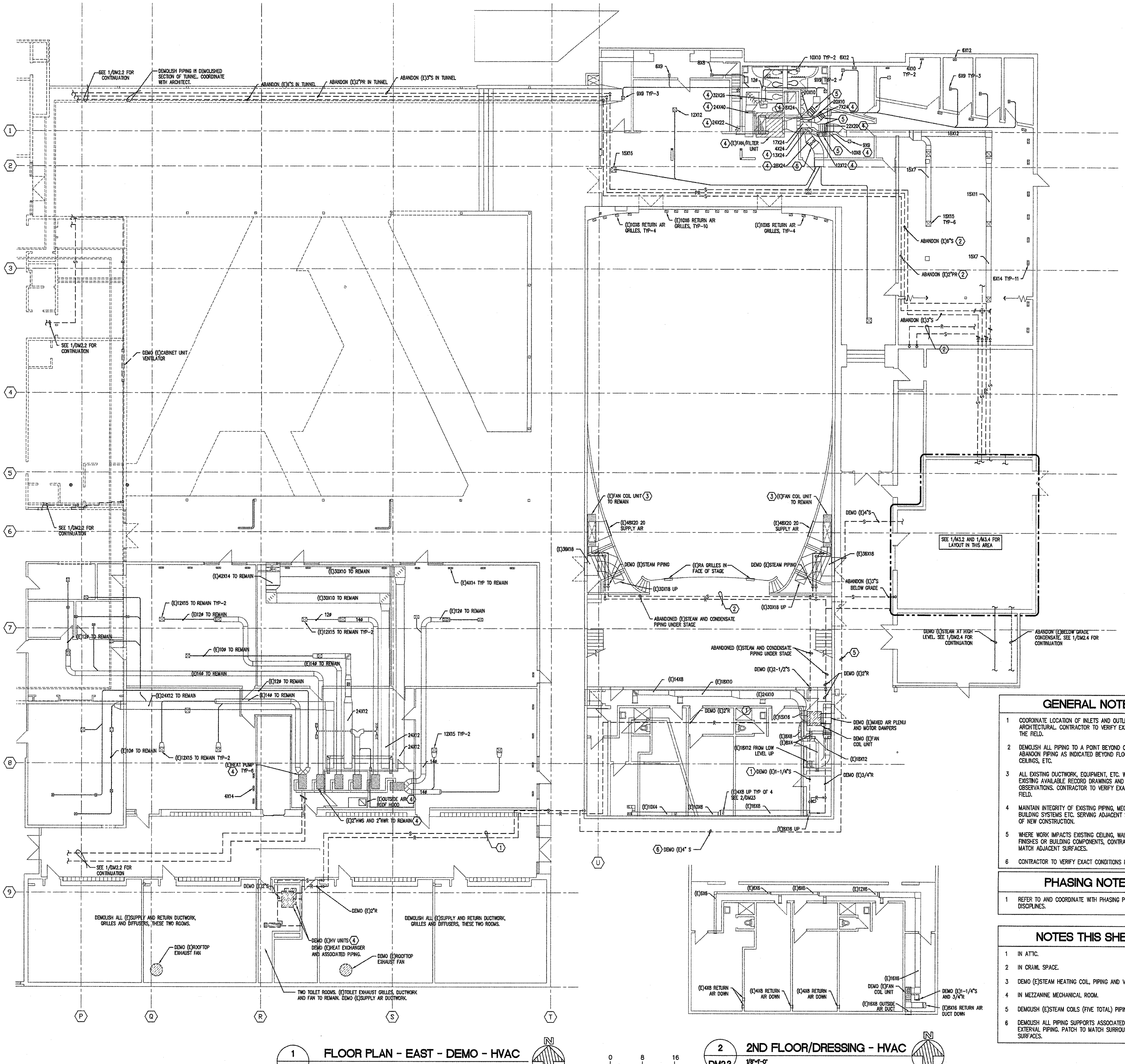
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

FLOOR PLAN -
CORE - DEMO -
HVAC

PROJECT NUMBER	DATE
01023	04-04-03

DM2.2


SEE 1/DM2.2 FOR CONTINUATION
DEMOLISH PIPING IN DEMOLISHED SECTION OF TUNNEL. COORDINATE WITH ARCHITECT.
ABANDON (E)6"S IN TUNNEL
ABANDON (E)2"PR IN TUNNEL
ABANDON (E)3"S IN TUNNEL
SEE 1/DM2.2 FOR CONTINUATION
DEMO (E)CABINET UNIT VENTILATOR
SEE 1/DM2.2 FOR CONTINUATION
6X9
8X8
10X10 TYP-2
6X12
9X9 TYP-3
12Ø
9X9 TYP-2
4X10 TYP-2
6X12
6X9 TYP-3
4 32X26
4 24X40
4 24X22
12X12
4 8X24
20X10
5
20X10
7X24 4
5
22X20 4
18X12
4 (E)FAN/FILTER UNIT
17X24
4X24
4 13X24
4 28X24 5
5
9X9
10X8 4
12X12 4
15X15
15X7
15X11
15X15 TYP-6
ABANDON (E)6"S 2
15X7
ABANDON (E)2"PR 2
6X14 TYP-11
ABANDON (E)3"S
2
(E)10X6 RETURN AIR GRILLES, TYP-4
(E)10X6 RETURN AIR GRILLES, TYP-10
(E)10X6 RETURN AIR GRILLES, TYP-4
(E)FAN COIL UNIT 3 TO REMAIN
3 (E)FAN COIL UNIT TO REMAIN
(E)48X20 20 SUPPLY AIR
(E)48X20 20 SUPPLY AIR
DEMO (E)4"S
SEE 1/M3.2 AND 1/M3.4 FOR LAYOUT IN THIS AREA
(E)36X18
DEMO (E)STEAM PIPING
(E)RA GRILLES IN FACE OF STAGE
DEMO (E)STEAM PIPING
(E)36X18
(E)30X18 UP
ABANDON (E)3"S BELOW GRADE
2
(E)30X18 UP
ABANDONED (E)STEAM AND CONDENSATE PIPING UNDER STAGE
DEMO (E)STEAM AT HIGH LEVEL. SEE 1/DM2.4 FOR CONTINUATION
ABANDON (E)BELOW GRADE CONDENSATE. SEE 1/DM2.4 FOR CONTINUATION
ABANDONED (E)STEAM AND CONDENSATE PIPING UNDER STAGE
5
DEMO (E)2-1/2"S
DEMO (E)2"R
(E)14X8
(E)18X10
(E)24X10
DEMO (E)2"R
1
(E)15X16
DEMO (E)MIXED AIR PLENUM AND MOTOR DAMPERS
DEMO (E)FAN COIL UNIT
(E)8X8
(E)8X4
(E)18X12 FROM LOW LEVEL UP
(E)18X12
1 DEMO (E)1-1/4"S
DEMO (E)3/4"R
(E)4X8 UP TYP OF 4 SEE 2/DM23
(E)10X4
(E)10X6
(E)16X8
(E)8X16 UP
6 DEMO (E)4" S
(E)42X14 TO REMAIN
(E)30X10 TO REMAIN
(E)4X14 TYP TO REMAIN
(E)30X10 TO REMAIN
(E)12X15 TO REMAIN TYP-2
(E)12Ø TO REMAIN
12Ø
14Ø
(E)12Ø TO REMAIN
(E)12X15 TO REMAIN TYP-2
(E)12Ø TO REMAIN
(E)10Ø TO REMAIN
(E)14Ø TO REMAIN
(E)14Ø TO REMAIN
(E)12Ø TO REMAIN
(E)24X12 TO REMAIN
(E)14Ø TO REMAIN
24X12
24X12
24X12
12X15 TYP-2
(E)10Ø TO REMAIN
(E)12X15 TO REMAIN TYP-2
(E)HEAT PUMP 4 TYP-6
14Ø
4X14
14Ø
(E)OUTSIDE AIR 4 ROOF HOOD
(E)2"HWS AND 2"HWR TO REMAIN 4
1
SEE 1/DM2.2 FOR CONTINUATION
DEMO (E)2"S
DEMO (E)2"R
DEMOLISH ALL (E)SUPPLY AND RETURN DUCTWORK, GRILLES AND DIFFUSERS, THESE TWO ROOMS.
DEMO (E)ROOFTOP EXHAUST FAN
DEMO (E)HV UNITS 4
DEMO (E)HEAT EXCHANGER AND ASSOCIATED PIPING.
DEMO (E)ROOFTOP EXHAUST FAN
DEMOLISH ALL (E)SUPPLY AND RETURN DUCTWORK, GRILLES AND DIFFUSERS, THESE TWO ROOMS.
TWO TOILET ROOMS. (E)TOILET EXHAUST GRILLES, DUCTWORK AND FAN TO REMAIN. DEMO (E)SUPPLY AIR DUCTWORK.
1
2
3
4
5
6
7
8
9
P
Q
R
S
T
U
N
(E)6X6
(E)6X6
(E)8X6
(E)12X6
(E)16X6
(E)4X8 RETURN AIR DOWN
(E)4X8 RETURN AIR DOWN
(E)4X8 RETURN AIR DOWN
DEMO (E)FAN COIL UNIT
(E)16X8 OUTSIDE AIR DUCT
DEMO (E)1-1/4"S AND 3/4"R
(E)8X16 RETURN AIR DUCT DOWN
N
0
8
16
SCALE IN FEET

1
DM2.3
FLOOR PLAN - EAST - DEMO - HVAC
1/8"=1'-0"

2
DM2.3
2ND FLOOR/DRESSING - HVAC
1/8"=1'-0"

GENERAL NOTES

1. COORDINATE LOCATION OF INLETS AND OUTLETS WITH ARCHITECTURAL. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.
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3. ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.
4. MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.
5. WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.
6. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

PHASING NOTES

1. REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

NOTES THIS SHEET ⬡

1. IN ATTIC.
2. IN CRAWL SPACE.
3. DEMO (E)STEAM HEATING COIL, PIPING AND VALVES.
4. IN MEZZANINE MECHANICAL ROOM.
5. DEMOLISH (E)STEAM COILS (FIVE TOTAL) PIPING AND CONTROLS.
6. DEMOLISH ALL PIPING SUPPORTS ASSOCIATED WITH DEMOLISHED EXTERNAL PIPING. PATCH TO MATCH SURROUNDING BUILDING SURFACES.

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FLOOR PLAN -
EAST - DEMO -
HVAC

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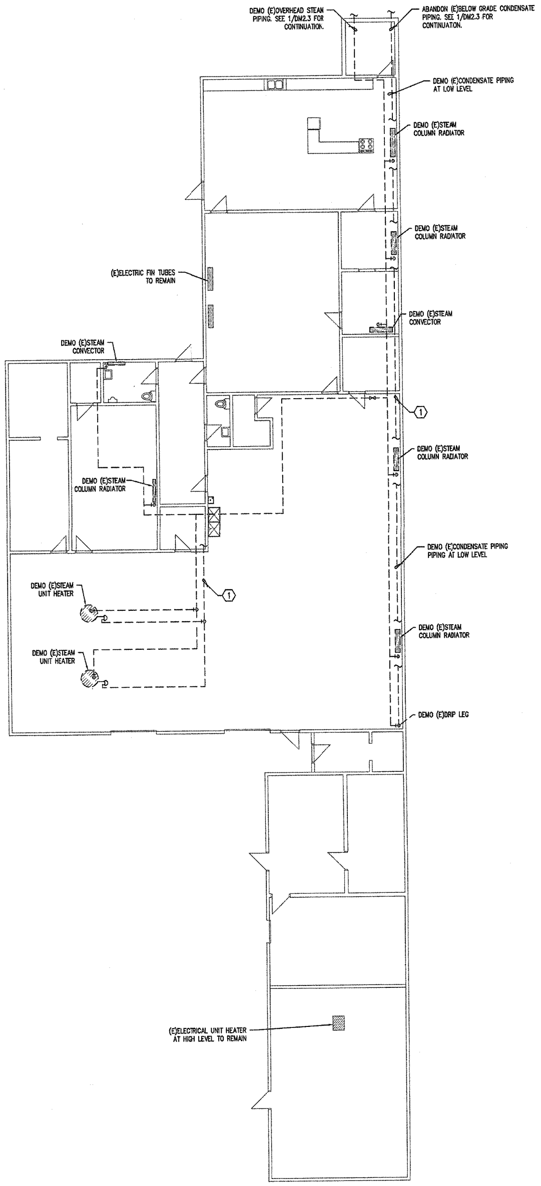
DM2.3


DEMO (E)OVERHEAD STEAM PIPING. SEE 1/DM2.3 FOR CONTINUATION.
ABANDON (E)BELOW GRADE CONDENSATE PIPING. SEE 1/DM2.3 FOR CONTINUATON.
DEMO (E)CONDENSATE PIPING AT LOW LEVEL
DEMO (E)STEAM COLUMN RADIATOR
DEMO (E)STEAM COLUMN RADIATOR
(E)ELECTRIC FIN TUBES TO REMAIN
DEMO (E)STEAM CONVECTOR
DEMO (E)STEAM CONVECTOR
1
DEMO (E)STEAM COLUMN RADIATOR
DEMO (E)STEAM COLUMN RADIATOR
DEMO (E)CONDENSATE PIPING PIPING AT LOW LEVEL
1
DEMO (E)STEAM UNIT HEATER
DEMO (E)STEAM COLUMN RADIATOR
DEMO (E)STEAM UNIT HEATER
DEMO (E)DRIP LEG
(E)ELECTRICAL UNIT HEATER AT HIGH LEVEL TO REMAIN

1 DM2.4 **WOODSHOP FLOOR PLAN - DEMO - HVAC**
1/8"=1'-0"

N

0 8 16
SCALE IN FEET

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

NOTES THIS SHEET ⬡

1 DEMO (E) CONDENSATE PIPING ABOVE GRADE. ABANDON (E) CONDENSATE PIPING BELOW GRADE.

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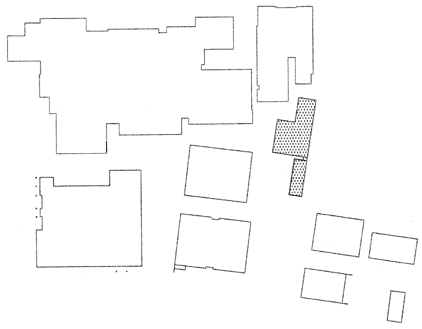

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HIGH SCHOOL RECONSTRUCTION

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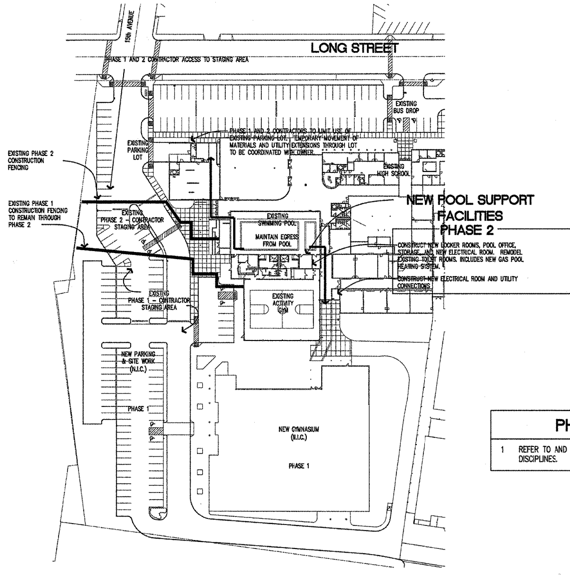
WOODSHOP FLOOR PLAN - DEMO - HVAC

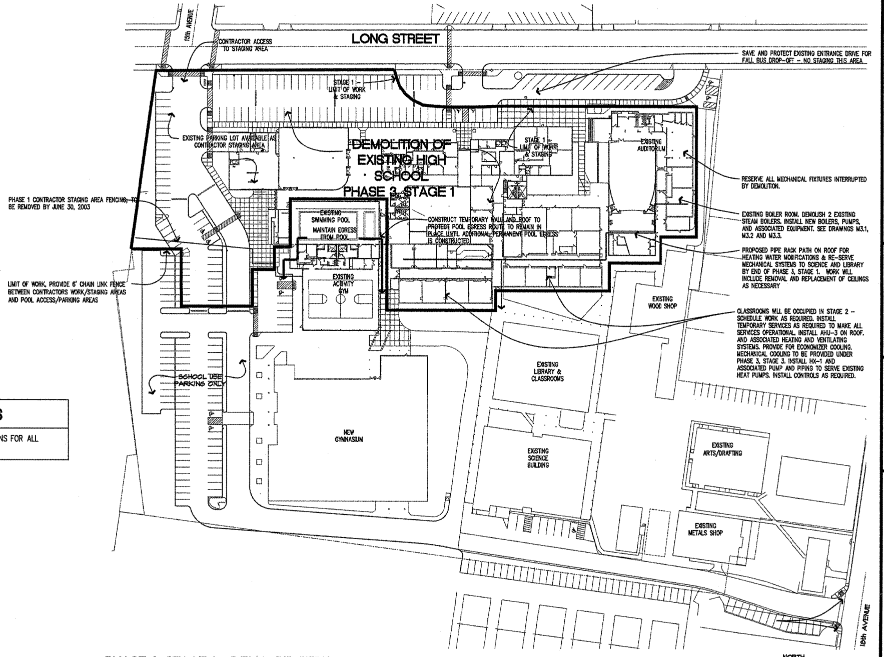
PROJECT NUMBER 01023
DATE 04-04-03

DM2.4


LONG STREET
15th AVENUE
PHASE 1 AND 2 CONTRACTOR ACCESS TO STAGING AREA
EXISTING BUS DROP
PHASE 1 AND 2 CONTRACTORS TO LIMIT USE OF EXISTING PARKING LOT. TEMPORARY MOVEMENT OF MATERIALS AND UTILITY EXTENSIONS THROUGH LOT TO BE COORDINATED WITH OWNER.
EXISTING PARKING LOT
EXISTING HIGH SCHOOL
EXISTING PHASE 2 CONSTRUCTION FENCING
EXISTING PHASE 1 CONSTRUCTION FENCING TO REMAIN THROUGH PHASE 2
EXISTING PHASE 2 - CONTRACTOR STAGING AREA
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
NEW POOL SUPPORT FACILITIES PHASE 2
CONSTRUCT NEW LOCKER ROOMS, POOL OFFICE, STORAGE, AND NEW ELECTRICAL ROOM. REMODEL EXISTING TOILET ROOMS. INCLUDES NEW GAS POOL HEATING SYSTEM.
CONSTRUCT NEW ELECTRICAL ROOM AND UTILITY CONNECTIONS
EXISTING PHASE 1 - CONTRACTOR STAGING AREA
EXISTING ACTIVITY GYM
NEW PARKING & SITE WORK (N.I.C.)
PHASE 1
NEW GYMNASIUM (N.I.C.)
PHASE 1

PHASING NOTES

1. REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.


LONG STREET
15th AVENUE
18th AVENUE
CONTRACTOR ACCESS TO STAGING AREA
SAVE AND PROTECT EXISTING ENTRANCE DRIVE FOR FALL BUS DROP-OFF - NO STAGING THIS AREA
STAGE 1 - LIMIT OF WORK & STAGING
EXISTING PARKING LOT AVAILABLE AS CONTRACTOR STAGING AREA
DEMOLITION OF EXISTING HIGH SCHOOL PHASE 3, STAGE 1
STAGE 1 - LIMIT OF WORK & STAGING
EXISTING AUDITORIUM
RESERVE ALL MECHANICAL FIXTURES INTERRUPTED BY DEMOLITION.
PHASE 1 CONTRACTOR STAGING AREA FENCING, TO BE REMOVED BY JUNE 30, 2003
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
CONSTRUCT TEMPORARY WALL AND ROOF TO PROTECT POOL EGRESS ROUTE TO REMAIN IN PLACE UNTIL ADDITIONAL PERMANENT POOL EGRESS IS CONSTRUCTED
EXISTING BOILER ROOM. DEMOLISH 2 EXISTING STEAM BOILERS. INSTALL NEW BOILERS, PUMPS, AND ASSOCIATED EQUIPMENT. SEE DRAWINGS M3.1, M3.2 AND M3.3.
PROPOSED PIPE RACK PATH ON ROOF FOR HEATING WATER MODIFICATIONS & RE-SERVE MECHANICAL SYSTEMS TO SCIENCE AND LIBRARY BY END OF PHASE 3, STAGE 1. WORK WILL INCLUDE REMOVAL AND REPLACEMENT OF CEILINGS AS NECESSARY
LIMIT OF WORK, PROVIDE 6' CHAIN LINK FENCE BETWEEN CONTRACTORS WORK/STAGING AREAS AND POOL ACCESS/PARKING AREAS
EXISTING ACTIVITY GYM
EXISTING WOOD SHOP
CLASSROOMS WILL BE OCCUPIED IN STAGE 2 - SCHEDULE WORK AS REQUIRED. INSTALL TEMPORARY SERVICES AS REQUIRED TO MAKE ALL SERVICES OPERATIONAL. INSTALL AHU-3 ON ROOF. AND ASSOCIATED HEATING AND VENTILATING SYSTEMS. PROVIDE FOR ECONOMIZER COOLING. MECHANICAL COOLING TO BE PROVIDED UNDER PHASE 3, STAGE 3. INSTALL HX-1 AND ASSOCIATED PUMP AND PIPING TO SERVE EXISTING HEAT PUMPS. INSTALL CONTROLS AS REQUIRED.
SCHOOL USE PARKING ONLY
EXISTING LIBRARY & CLASSROOMS
NEW GYMNASIUM
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP

NORTH

SCALE: 1" = 60'

PHASE 1 - NEW GYMNASIUM

DURATION: THIS WORK IS CURRENTLY IN PROGRESS - COMPLETE JUNE 30, 2003.

PHASE 1 DESCRIPTION: PHASE 1 CONSISTS OF THE CONSTRUCTION OF THE NEW GYM AND ASSOCIATED PARKING IMPROVEMENTS. THIS WORK IS CURRENTLY UNDER CONTRACT WITH MCKENZIE COMMERCIAL CONTRACTORS AND IS SCHEDULED TO BE COMPLETE NO LATER THAN JUNE 30, 2003. PHASE I INCLUDES NEW DDC CONTROLS COMPUTER STATION.

PHASE 2 - NEW POOL SUPPORT FACILITIES

DURATION: THIS WORK IS CURRENTLY IN PROGRESS - COMPLETE JUNE 2, 2003

PHASE 2 DESCRIPTION: PHASE 2 CONSISTS OF THE CONSTRUCTION OF NEW SWIMMING POOL SUPPORT FACILITIES INCLUDING A RECEPTION/OFFICE AREA, LOCKER ROOMS, SHOWERS, STORAGE AREA, INDEPENDENT GAS FUELED MECHANICAL SYSTEMS FOR THE POOL WATER HEATING AND HVAC SYSTEMS AND ASSOCIATED ELECTRICAL SYSTEMS. THE WORK IN THIS PHASE SHALL PERMIT THE PHASE 3 WORK TO OCCUR WITH MINIMAL IMPACT TO POOL FACILITIES OPERATIONS. THIS PHASE IS CURRENTLY UNDER CONTRACT AND IS SCHEDULED TO BE COMPLETE NO LATER THAN JUNE 2, 2003. PHASE 2 DDC CONTROLS ARE TIED BACK INTO COMPUTER STATION PROVIDED UNDER PHASE I.

NORTH

SCALE: 1" = 60'

PHASE 3, STAGE 1 - DEMO, RE-SERVE SYSTEMS AND PREPARE SITE

DURATION: JUNE 20, 2003, TO AUGUST 22, 2003.

PHASE 3, STAGE 1 DESCRIPTION:

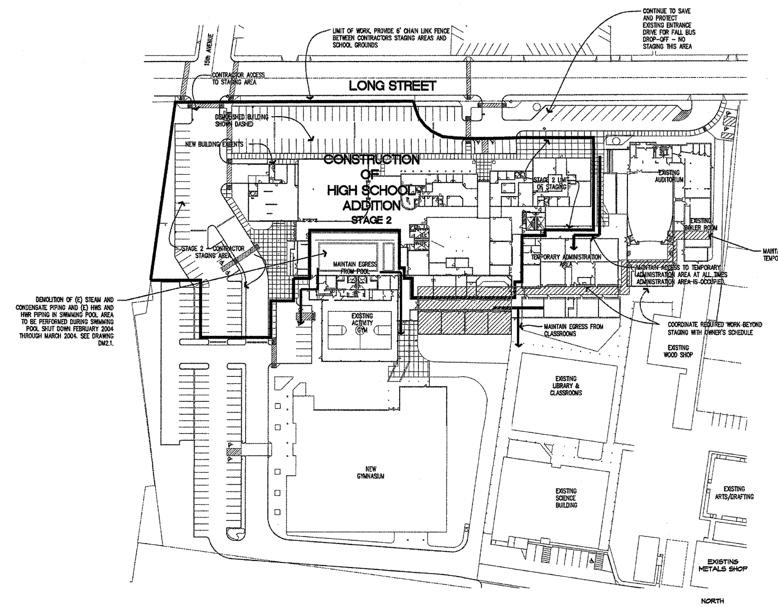
STAGE 1 CONSISTS OF ALL WORK WHICH NEEDS TO BE COMPLETED DURING THE SUMMER BREAK WHILE STUDENTS ARE NOT PRESENT. IT CONSISTS PRIMARILY OF THE DEMOLITION OF ALL AREAS OF THE MAIN BUILDING NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION. DEMOLITION WORK WILL INCLUDE ASBESTOS ABATEMENT, WHICH WILL BE COMPLETED ENTIRELY DURING STAGE 1. WORK WILL ALLOW FOR CONTINUOUS PUBLIC ACCESS TO PHASE I PARKING FROM 18TH AVENUE.

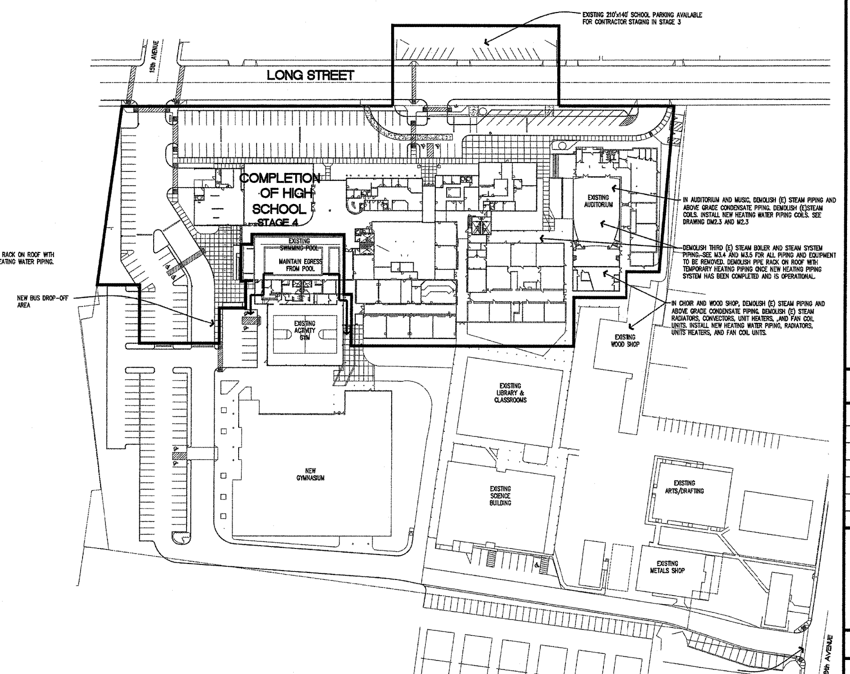
IT WILL ALSO INCLUDE THE DEMOLITION AND REPLACEMENT OF TEMPORARY AND PERMANENT MECHANICAL SYSTEMS INCLUDING HYDRONIC SYSTEM PIPING AS NECESSARY TO ACCOMMODATE DEMOLITION AND RE-SERVICING OF THE REMAINING AREAS OF THE SCHOOL COMPLEX FOR SCHOOL FALL TERM.

STAGE 1 WORK SHALL BE COMPLETED AND RE-SERVED SYSTEMS OPERATIONAL FOR SCHOOL OPENING FALL 2003.

CONTRACTOR SHALL MAINTAIN FENCING ALONG POOL ACCESS AND EGRESS ROUTES AND TO ISOLATE POOL PARKING FROM THE WORK AND STAGING AREAS. THE CONTRACTOR SHALL ALSO MAINTAIN FENCING BETWEEN THE BUS DROP-OFF AND ADMINISTRATION AREAS AND THE WORK THROUGH-OUT THIS STAGE.

PROVIDE NEW DDC CONTROLS AS REQUIRED TO SERVE NEW HVAC EQUIPMENT.


LONG STREET
15th AVENUE
LIMIT OF WORK, PROVIDE 6' CHAIN LINK FENCE BETWEEN CONTRACTORS STAGING AREAS AND SCHOOL GROUNDS
CONTINUE TO SAVE AND PROTECT EXISTING ENTRANCE DRIVE FOR FALL BUS DROP-OFF - NO STAGING THIS AREA
CONTRACTOR ACCESS TO STAGING AREA
DEMOLISHED BUILDING SHOWN DASHED
NEW BUILDING EXTENTS
CONSTRUCTION OF HIGH SCHOOL ADDITION STAGE 2
STAGE 2 LIMIT OF STAGING
EXISTING AUDITORIUM
EXISTING BOILER ROOM
MAINTAIN PIPE RACK ON ROOF WITH TEMPORARY HEATING WATER PIPING.
STAGE 2 - CONTRACTOR STAGING AREA
MAINTAIN EGRESS FROM POOL
TEMPORARY ADMINISTRATION AREA
MAINTAIN ACCESS TO TEMPORARY ADMINISTRATION AREA AT ALL TIMES ADMINISTRATION AREA IS OCCUPIED.
DEMOLITION OF (E) STEAM AND CONDENSATE PIPING AND (E) HWS AND HWR PIPING IN SWIMMING POOL AREA TO BE PERFORMED DURING SWIMMING POOL SHUT DOWN FEBRUARY 2004 THROUGH MARCH 2004. SEE DRAWING DM2.1.
EXISTING ACTIVITY GYM
MAINTAIN EGRESS FROM CLASSROOMS
COORDINATE REQUIRED WORK BEYOND STAGING WITH OWNER'S SCHEDULE
EXISTING WOOD SHOP
EXISTING LIBRARY & CLASSROOMS
NEW GYMNASIUM
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP


EXISTING 210'x140' SCHOOL PARKING AVAILABLE FOR CONTRACTOR STAGING IN STAGE 3
LONG STREET
15th AVENUE
18th AVENUE
COMPLETION OF HIGH SCHOOL STAGE 4
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
EXISTING AUDITORIUM
IN AUDITORIUM AND MUSIC, DEMOLISH (E) STEAM PIPING AND ABOVE GRADE CONDENSATE PIPING. DEMOLISH (E)STEAM COILS. INSTALL NEW HEATING WATER PIPING COILS. SEE DRAWING DM2.3 AND M2.3
DEMOLISH THIRD (E) STEAM BOILER AND STEAM SYSTEM PIPING. SEE M3.4 AND M3.5 FOR ALL PIPING AND EQUIPMENT TO BE REMOVED. DEMOLISH PIPE RACK ON ROOF WITH TEMPORARY HEATING PIPING ONCE NEW HEATING PIPING SYSTEM HAS BEEN COMPLETED AND IS OPERATIONAL.
IN CHOIR AND WOOD SHOP, DEMOLISH (E) STEAM PIPING AND ABOVE GRADE CONDENSATE PIPING. DEMOLISH (E) STEAM RADIATORS, CONVECTORS, UNIT HEATERS, ,AND FAN COIL UNITS. INSTALL NEW HEATING WATER PIPING, RADIATORS, UNITS HEATERS, AND FAN COIL UNITS.
NEW BUS DROP-OFF AREA
EXISTING ACTIVITY GYM
EXISTING WOOD SHOP
EXISTING LIBRARY & CLASSROOMS
NEW GYMNASIUM
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP

NORTH

SCALE: 1" = 60'

PHASE 3, STAGE 2 - CONTINUE BUILDING AND SITE WORK

DURATION: AUGUST 22, 2003, UP TO JUNE 15, 2004)

PHASE 3, STAGE 2 DESCRIPTION:

STAGE 2 TAKES PLACE DURING THE 2003/2004 SCHOOL SESSION. STAGE 2 CONSISTS OF THE GENERAL CONSTRUCTION OF THE NEW SCHOOL ADDITION. CONTRACTOR WILL BE PROVIDED LIMITED ACCESS TO THE SITE AND WILL ALSO NEED TO ACCOMMODATE SCHOOL ACTIVITIES WHEN NECESSARY. THE CONTRACTOR SHALL ERECT TEMPORARY PARTITIONS WITH DUST AND NOISE CONTROL AS NECESSARY TO PERMIT SCHOOL ACTIVITIES TO CONTINUE IN THE ADJACENT SPACES. CONTRACTOR WILL ONLY BE PERMITTED TO WORK IN THE AREAS IDENTIFIED AS CONTRACTOR WORK AND STAGING AREAS, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE FENCING BETWEEN ALL STUDENT OCCUPIED AREAS AND THE WORK/STAGING AREA.

PROVIDE NEW DDC CONTROLS AS REQUIRED TO SERVE NEW HVAC EQUIPMENT.

PHASE 3, STAGE 3 - COMPLETE BUILDING AND SITE WORK

DURATON: JUNE 15, 2004, UP TO AUGUST 1, 2004

STAGE 3 DESCRIPTION:

STAGE 3 WILL OCCUR DURING SUMMER BREAK 2004. STAGE 3 CONSISTS OF THE COMPLETION OF THE PROJECT. IN STAGE 3 CONTRACTOR WILL BE PROVIDED ADDITIONAL STAGING IN THE STUDENT PARKING LOT IF REQUIRED. DURING STAGE 3 THE CONTRACTOR WILL COMPLETE THE PARKING LOT WORK INCLUDING NEW PAVING AND ACCESS AT 18TH AVENUE, AND ANY OTHER WORK REMAINING IN THE REST OF THE SCHOOL COMPLEX.

THE SWIMMING POOL WILL REMAIN OPEN DURING STAGE 3 WORK.

STAGE 3 SHALL BE COMPLETE BY AUGUST 1, 2004 IN ORDER TO ALLOW TIME FOR THE SCHOOL TO OCCUPY THE NEW AREAS PRIOR TO START OF SCHOOL. CONTRACTOR SHALL PROVIDE FENCING BETWEEN THE WORK AREA AND THE POOL ACCESS AND PARKING AREAS, UNTIL THE ENTIRE WEST PARKING LOT IS ACCEPTED AS SUBSTANTIALLY COMPLETE.

PROVIDE NEW DDC CONTROLS AS REQUIRED TO SERVE NEW HVAC EQUIPMENT. RELOCATE CONTROLS COMPUTER STATION PROVIDED UNDER PHASE I TO STORAGE 621. ENSURE THAT ALL NEW AND EXISTING HVAC AND SWIMMING POOL EQUIPMENT IS SERVED BY NEW DDC CONTROLS PRIOR TO DEMOLISHING EXISTING AUTOMATED LOGIC CONTROLS SYSTEM.

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JAMES L. CUNDIFF
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PLOT DATE: 03/28/03 PROJ.# 0245

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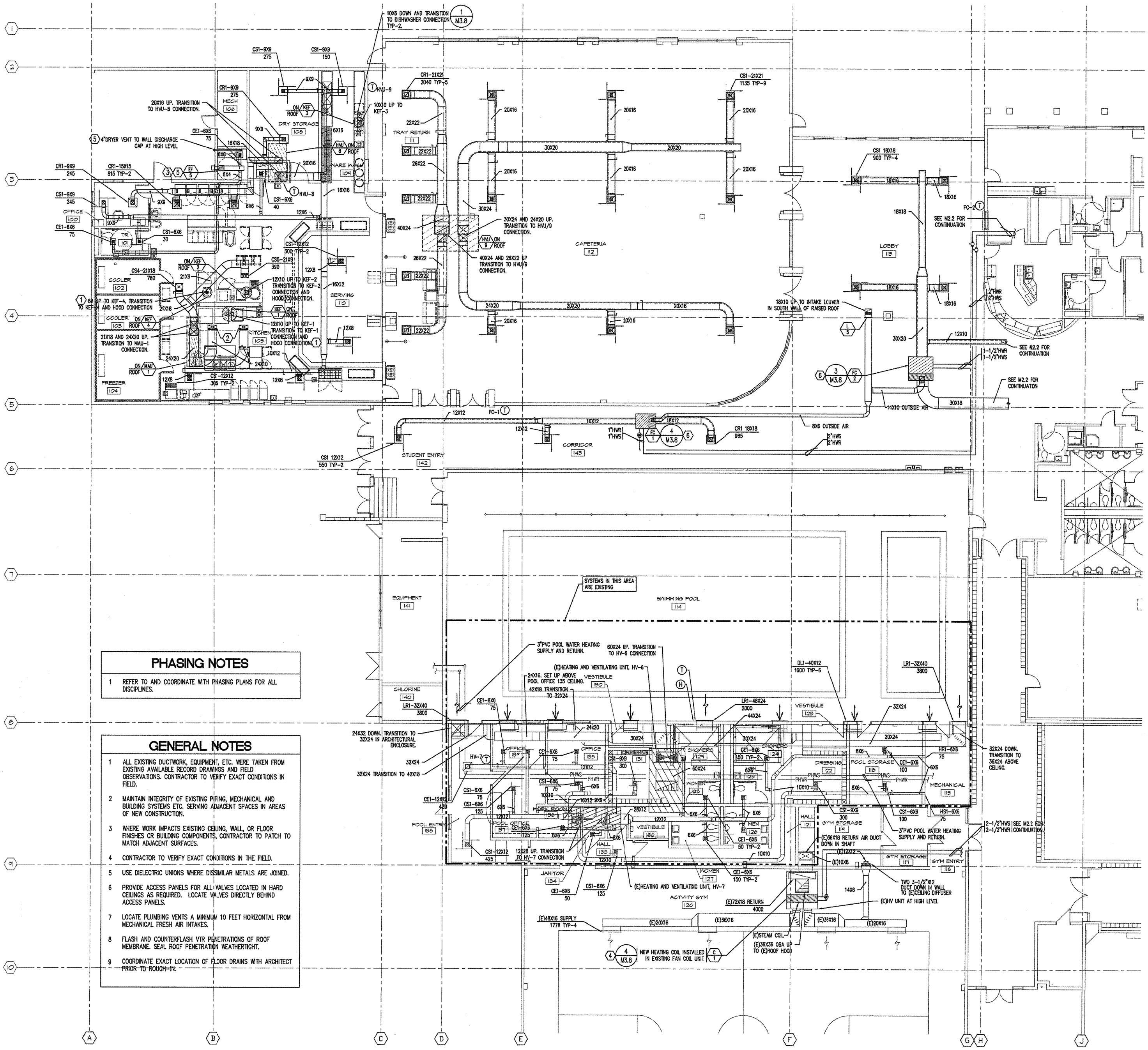
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

PHASING PLAN -
HVAC

PROJECT NUMBER 01023
DATE 04-04-03

M2.0



PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

GENERAL NOTES

1 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

2 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

3 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

4 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

5 USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.

6 PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.

7 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

NOTES THIS SHEET ⬡

1 PROVIDE CLASS 1 EXHAUST DUCT. FULLY WELDED STAINLESS STEEL. INSULATE WITH FIRE PROTECTION WRAP. INSTALL PER MANUFACTURERS AND GOVERNING AUTORITIES REQUIREMENTS

2 CONNECT 24X10 MAKE UP AIR DUCT TO HOOD. TRANSITION AS REQUIRED.

3 PROVIDED EF-5 WITH 6"ø EXHAUST DUCT ROUTED TO HIGH LEVEL WALL DISCHARGE CAP.
60X24 UP.

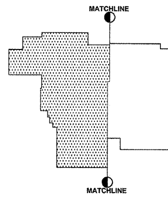
4 PROVIDE NEW TEMPERATURE SENSOR WITH GUARD AT SAME LOCATION AS EXISTING TEMPERATURE SENSOR.

5 MOUNT EF-5 DISCHARGE CAP AND DRYER VENT DISCHARGE CAP AT THE SAME HEIGHT. CORRDINATE WITH ARCHITECT.

6 PROVIDE CLEAR SPACE FOR FULL MAINTENANCE OF FCU.

1 FLOOR PLAN - WEST - HVAC
M2.1
1/8"=1'-0"

0 8 16
SCALE IN FEET



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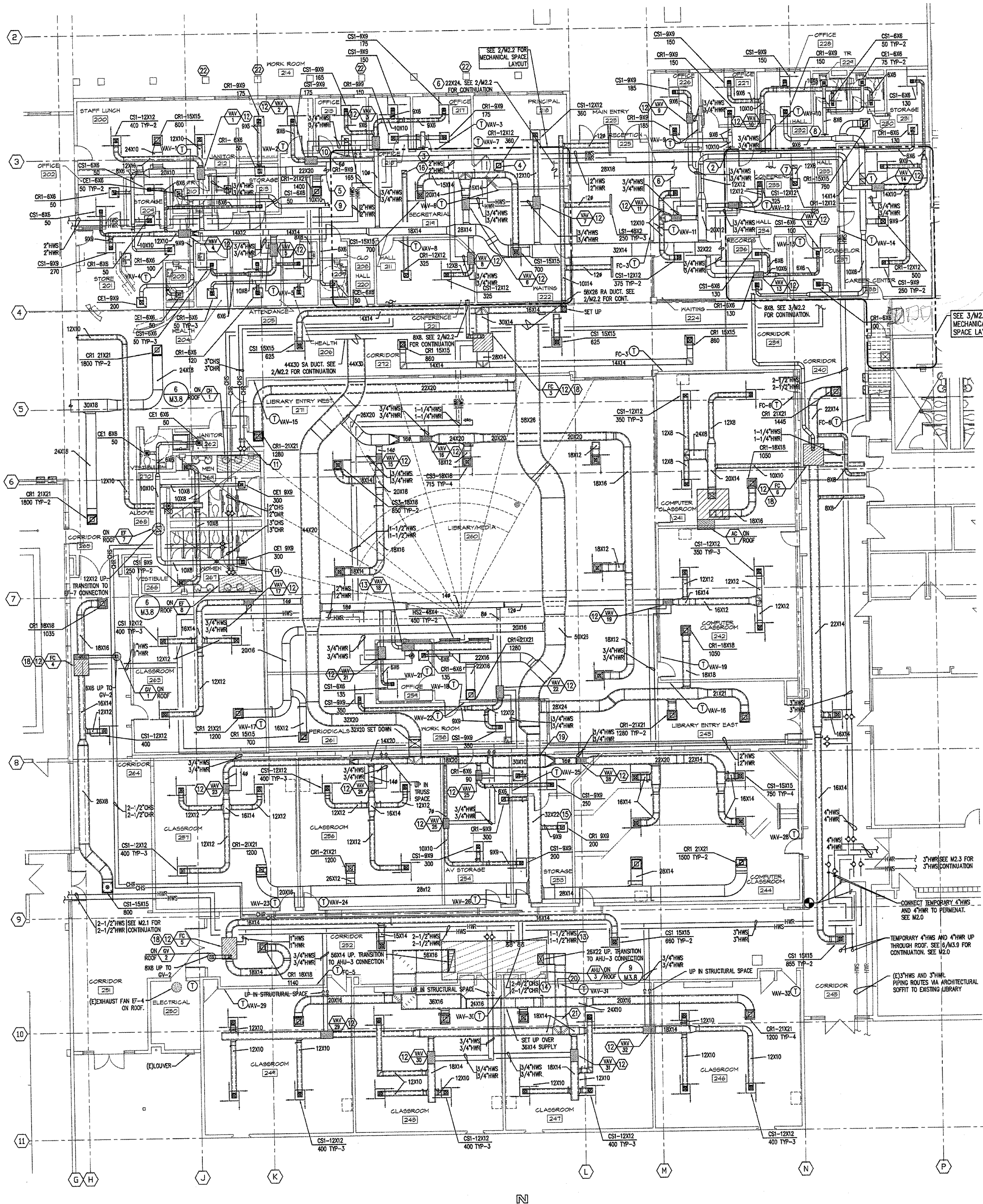
FLOOR PLAN -
WEST - HVAC

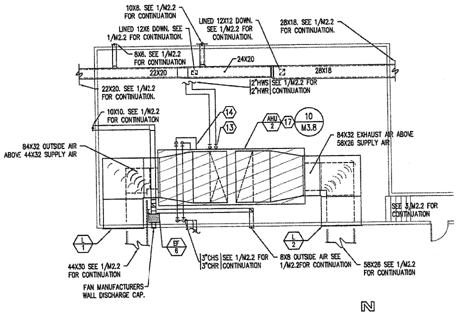
PROJECT NUMBER 01023
DATE 04-04-03

M2.1



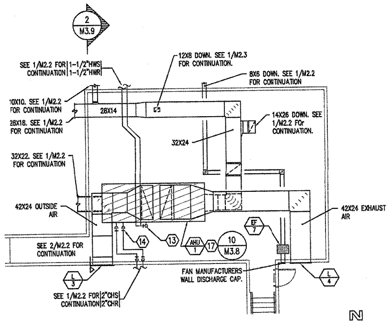
1 **FLOOR PLAN - CORE - HVAC**
M2.2 1/8"=1'-0"

0 8 16
SCALE IN FEET



10X8. SEE 1/M2.2 FOR CONTINUATION
LINED 12X8 DOWN. SEE 1/M2.2 FOR CONTINUATION.
LINED 12X12 DOWN. SEE 1/M2.2 FOR CONTINUATION.
28X18. SEE 1/M2.2 FOR CONTINUATION.
8X6. SEE 1/M2.2 FOR CONTINUATION
24X20
22X20
28X18
2"HWS 2"HWR SEE 1/M2.2 FOR CONTINUATION
22X20. SEE 1/M2.2 FOR CONTINUATION
10X10. SEE 1/M2.2 FOR CONTINUATION
84X32 OUTSIDE AIR ABOVE 44X32 SUPPLY AIR
84X32 EXHAUST AIR ABOVE 58X26 SUPPLY AIR
AHU 2
10 M3.8
SEE 3/M2.2 FOR CONTINUATION
44X30 SEE 1/M2.2 FOR CONTINUATION
FAN MANUFACTURERS WALL DISCHARGE CAP.
3"CHS 3"CHR SEE 1/M2.2 FOR CONTINUATION
8X8 OUTSIDE AIR SEE 1/M2.2FOR CONTINUATION
58X26 SEE 1/M2.2 FOR CONTINUATION

2 **WEST MECHANICAL SPACE - HVAC**
M2.2 1/8"=1'-0"



2 M3.9
SEE 1/M2.2 FOR CONTINUATION 1-1/2"HWS 1-1/2"HWR
12X8 DOWN. SEE 1/M2.3 FOR CONTINUATION.
8X6 DOWN. SEE 1/M2.2 FOR CONTINUATION
10X10. SEE 1/M2.2 FOR CONTINUATION
28X18. SEE 1/M2.2 FOR CONTINUATION
28X14
14X26 DOWN. SEE 1/M2.2 FOR CONTINUATION.
32X24
32X22. SEE 1/M2.2 FOR CONTINUATION
42X24 OUTSIDE AIR
42X24 EXHAUST AIR
SEE 2/M2.2 FOR CONTINUATION
AHU 1
10 M3.8
FAN MANUFACTURERS WALL DISCHARGE CAP.
SEE 1/M2.2 FOR CONTINUATION 2"CHS 2"CHR

3 **EAST MECHANICAL SPACE - HVAC**
M2.2 1/8"=1'-0"

NOTES THIS SHEET ⬡

1 14X14 AND 14X12 RETURN AIR UP. SEE 3/M2.3 FOR CONTINUATION.
2 10X10 RETURN AIR UP. SEE 3/M2.2 FOR CONTINUATION.
3 10X8 RETURN AIR UP. SEE 2/M2.2 FOR CONTINUATION.
4 12X12 RETURN AIR UP. SEE 2/M2.2 FOR CONTINUATION.
5 22X20 RETURN AIR UP. SEE 2/M2.2 FOR CONTINUATION.
6 24X22 RETURN AIR UP. SEE 2/M2.2 AND 3/M2.3 FOR CONTINUATION.
7 12X8 RETURN AIR UP. SEE 3/M2.2 FOR CONTINUATION.
8 8X6 TOILET EXHAUST. SEE 3/M2.2 FOR CONTINUATION.
9 10X8 TOILET EXHAUST. SEE 2/M2.2 FOR CONTINUATION.
10 8X6 RETURN AIR. SEE 2/M2.2 FOR CONTINUATION.
11 3"CHS AND 3"CHR PIPING DOWN THROUGH ROOF. COORDINATE PIPING INSULATION WITH ROOF PENETRTATION DETAILED BY ARCHITECT. PROVIDE ALUMINUM COVER FOR INSULATED PIPING ABOVE ROOF.
12 SEE DETAIL 3/M3.8
13 SEE DETAIL 4/M3.8
14 SEE DETAIL 5/M3.8
15 COORDINATE 32X22 RETURN AIR DUCT WITH (E) STRUCTURE.
16 12X8 RETURN AIR UP. SEE 2/M2.2 FOR CONTINUATION.
17 PROVIDE CLEAR SPACE AT SIDE OF AHU, EQUAL TO FULL WIDTH OF AHU, FOR MAINTAINANCE.
18 PROVIDE CLEAR SPACE FOR FULL MAINTAINANCE OF FCU.
19 SET 30X10 SUPPLY DUCT UNDER 32X22 RETURN DUCT.
20 26X22 SET UP INTO STRUCTURAL SPACE.
21 26X22 SET DOWN FROM STRUCTURAL SPACE AND TRANSITION TO 36X14.
22 PROVIDE ARCHITECTURAL LOUVERS. SEE A3.1 FOR LOCATIONS. COORDINATE WITH ARCHITECT FOR FINAL DIMENSIONS.

GENERAL NOTES

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2 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.
3 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.
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7 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.
8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.
9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

PHASING NOTES

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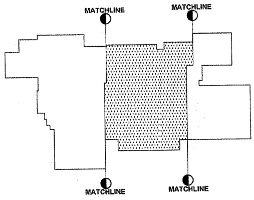

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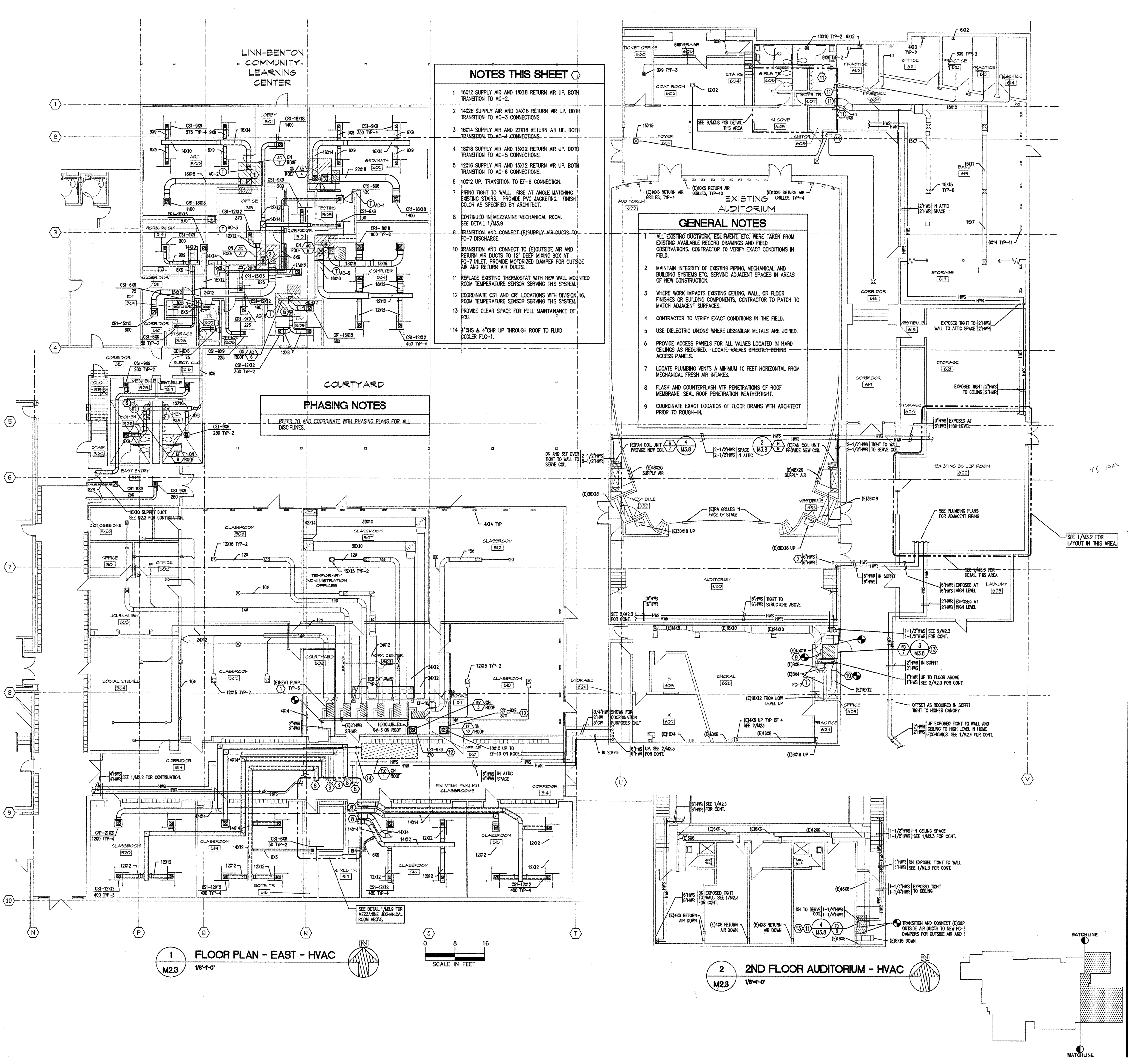
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

FLOOR PLAN -
CORE - HVAC

PROJECT NUMBER	DATE
01023	04-04-03

M2.2


LINN-BENTON COMMUNITY LEARNING CENTER
COURTYARD
EXISTING AUDITORIUM
EXISTING BOILER ROOM
SEE 1/M3.2 FOR LAYOUT IN THIS AREA.
ts 10x2
1 M2.3 FLOOR PLAN - EAST - HVAC 1/8"=1'-0"
0 8 16 SCALE IN FEET
2 M2.3 2ND FLOOR AUDITORIUM - HVAC 1/8"=1'-0"
MATCHLINE
MATCHLINE

NOTES THIS SHEET ⬡

1 16X12 SUPPLY AIR AND 18X18 RETURN AIR UP. BOTH TRANSITION TO AC-2.

2 14X28 SUPPLY AIR AND 24X16 RETURN AIR UP. BOTH TRANSITION TO AC-3 CONNECTIONS.

3 16X14 SUPPLY AIR AND 22X18 RETURN AIR UP. BOTH TRANSITION TO AC-4 CONNECTIONS.

4 18X18 SUPPLY AIR AND 15X12 RETURN AIR UP. BOTH TRANSITION TO AC-5 CONNECTIONS.

5 12X16 SUPPLY AIR AND 15X12 RETURN AIR UP. BOTH TRANSITION TO AC-6 CONNECTIONS.

6 10X12 UP. TRANSITION TO EF-6 CONNECTION.

7 PIPING TIGHT TO WALL. RISE AT ANGLE MATCHING EXISTING STAIRS. PROVIDE PVC JACKETING. FINISH COLOR AS SPECIFIED BY ARCHITECT.

8 CONTINUED IN MEZZANINE MECHANICAL ROOM. SEE DETAIL 1/M3.9

9 TRANSITION AND CONNECT (E)SUPPLY AIR DUCTS TO FC-7 DISCHARGE.

10 TRANSITION AND CONNECT TO (E)OUTSIDE AIR AND RETURN AIR DUCTS TO 12" DEEP MIXING BOX AT FC-7 INLET. PROVIDE MOTORIZED DAMPER FOR OUTSIDE AIR AND RETURN AIR DUCTS.

11 REPLACE EXISTING THERMOSTAT WITH NEW WALL MOUNTED ROOM TEMPERATURE SENSOR SERVING THIS SYSTEM.

12 COORDINATE CS1 AND CR1 LOCATIONS WITH DIVISION 16. ROOM TEMPERATURE SENSOR SERVING THIS SYSTEM.

13 PROVIDE CLEAR SPACE FOR FULL MAINTAINANCE OF FCU.

14 4"CHS & 4"CHR UP THROUGH ROOF TO FLUID COOLER FLC-1.

GENERAL NOTES

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8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

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HIGH SCHOOL RECONSTRUCTION

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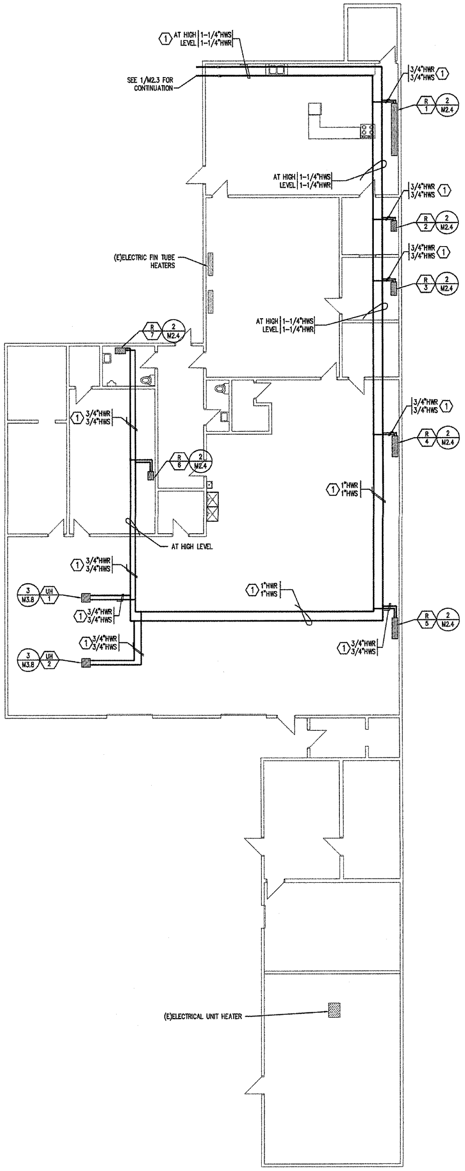
FLOOR PLAN -
EAST - HVAC

PROJECT NUMBER 01023
DATE 04-04-03

M2.3



1 M2.4 **WOODSHOP FLOOR PLAN - HVAC**
1/8"=1'-0"

0 8 16
SCALE IN FEET

GENERAL NOTES

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9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

NOTES THIS SHEET ⬡

1 ALL INSULATED PIPING EXPOSED IN OCCUPIED SPACES SHALL BE FINISHED WITH PVC WRAP.

PHASING NOTES

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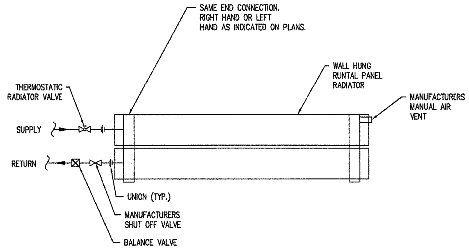
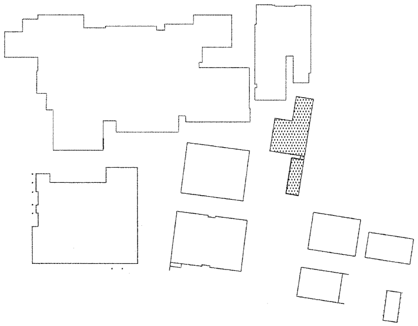

SAME END CONNECTION. RIGHT HAND OR LEFT HAND AS INDICATED ON PLANS.
WALL HUNG RUNTAL PANEL RADIATOR
MANUFACTURERS MANUAL AIR VENT
THERMOSTATIC RADIATOR VALVE
SUPPLY
RETURN
UNION (TYP.)
MANUFACTURERS SHUT OFF VALVE
BALANCE VALVE

2 M2.4 **PANEL RADIATOR DETAIL**
DIAGRAMMATIC.



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WOODSHOP FLOOR PLAN - HVAC

PROJECT NUMBER	DATE
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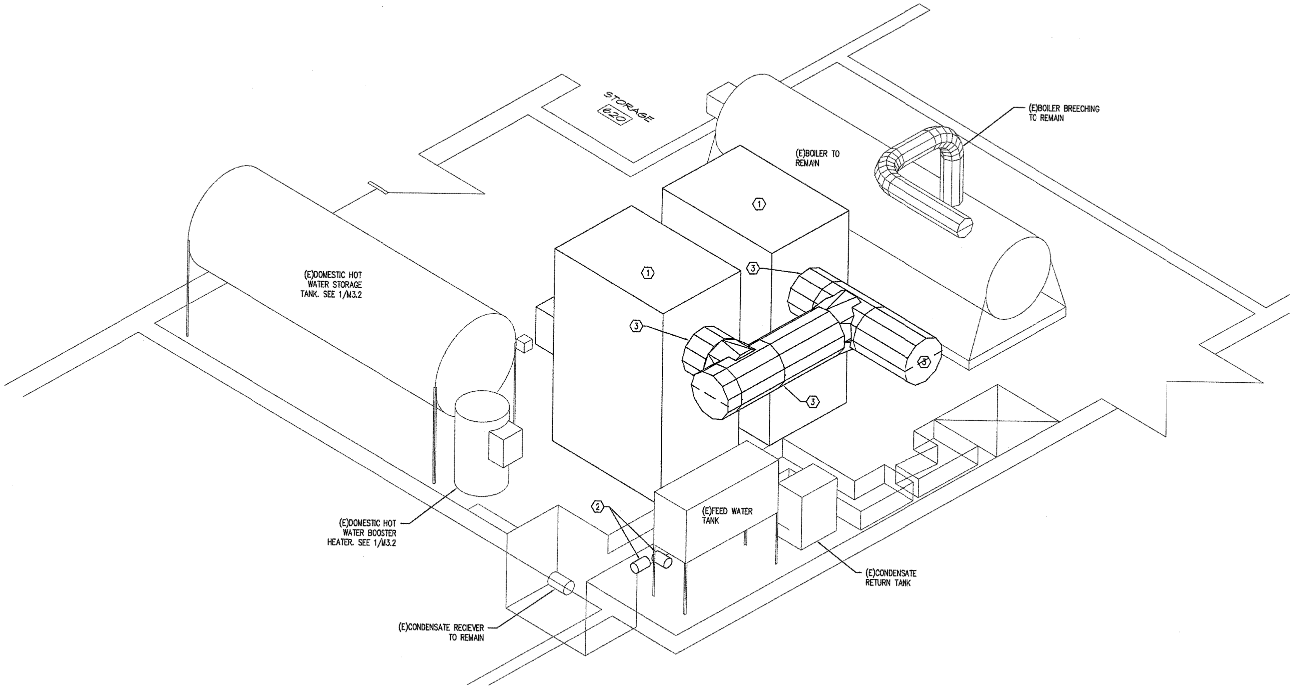
M2.4


STORAGE
620
(E)BOILER BREECHING TO REMAIN
(E)BOILER TO REMAIN
①
①
③
③
③
③
(E)DOMESTIC HOT WATER STORAGE TANK. SEE 1/M3.2
(E)DOMESTIC HOT WATER BOOSTER HEATER. SEE 1/M3.2
②
(E)FEED WATER TANK
(E)CONDENSATE RETURN TANK
(E)CONDENSATE RECIEVER TO REMAIN

1 / M3.1 BOILER ROOM SE ISO FLUE PLAN - DEMO - HVAC - PHASE 3, STAGE 1

DIAGRAMMATIC

GENERAL NOTES

1 COORDINATE LOCATION OF INLETS AND OUTLETS WITH ARCHITECTURAL. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

2 PROVIDE MANUAL VOLUME DAMPERS AT ALL BRANCH DUCTS TO AIR OUTLETS AND INLETS. PROVIDE REMOTE OPERATORS FOR DAMPER REGULATOR MOUNTED ABOVE HARD CEILING.

3 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

4 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

5 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

6 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

NOTES THIS SHEET ○

1 REMOVE BOILERS. SEE M3.2 FOR BOILER AND RELATED DEMOLITION

2 REMOVE FEED WATER PUMPS. SEE M3.2 FOR BOILER AND RELATED DEMOLITION.

3 REMOVE BOILER BREECHING AND ASSOCIATED SUPPORTS FROM BOILER TO CONNECTION WITH BOILER STACK. PATCH STACK GAS TIGHT FAR CONNECTION OF NEW BOILER BREECHING. PATCH ADJACENT SURFACES TO MATCH EXISTING.

LEGEND THIS SHEET

HEAVY LINETYPE IS DEMO

LIGHT LINETYPE IS EXISTING

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OREGON
JULY 13, 1984
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOTDATE: 03/28/03 PROJ.# 0245
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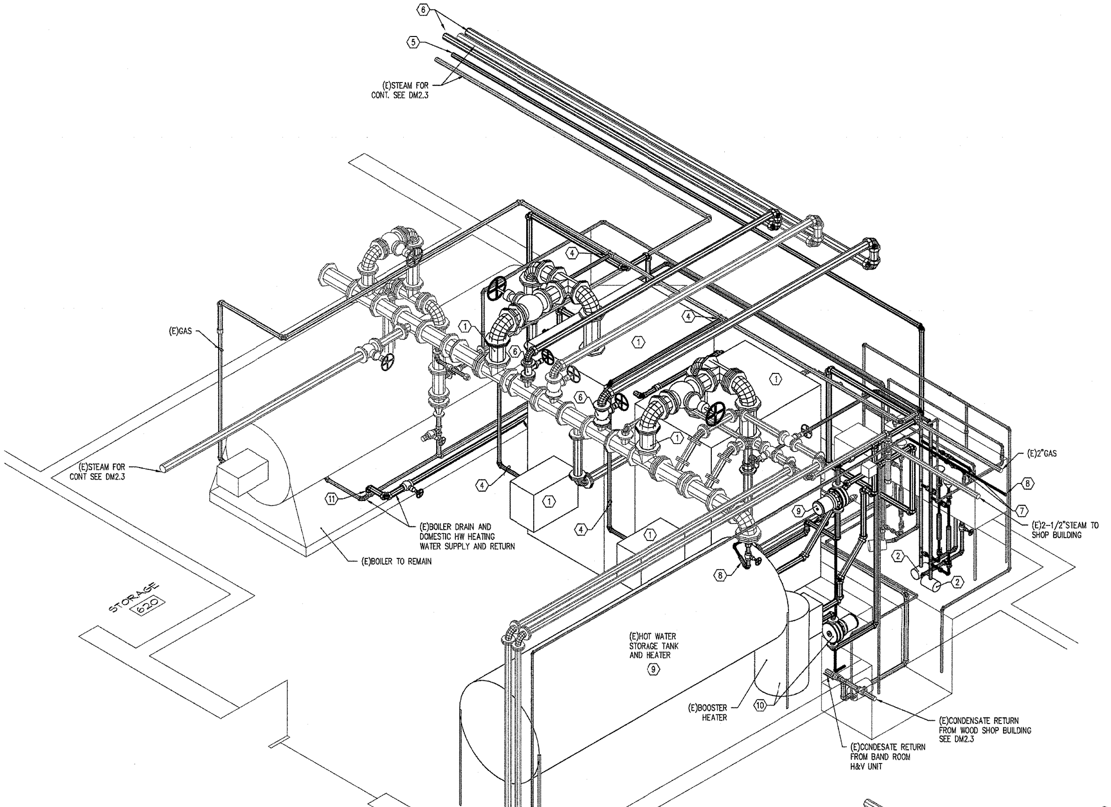
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

BOILER ROOM ISO
FLUE PLAN 2003
DEMO - HVAC
PHASE 3, STAGE 1

PROJECT NUMBER	DATE
01023	04-04-03

M3.1


6
5
(E)STEAM FOR CONT. SEE DM2.3
(E)GAS
(E)STEAM FOR CONT SEE DM2.3
11
(E)BOILER DRAIN AND DOMESTIC HW HEATING WATER SUPPLY AND RETURN
(E)BOILER TO REMAIN
STORAGE 620
1
4
6
8
9
2
7
(E)2"GAS
(E)2-1/2"STEAM TO SHOP BUILDING
(E)HOT WATER STORAGE TANK AND HEATER 9
(E)BOOSTER HEATER
10
(E)CONDENSATE RETURN FROM WOOD SHOP BUILDING SEE DM2.3
(E)CONDESATE RETURN FROM BAND ROOM H&V UNIT
(E)STEAM AND CW DN IN TUNNEL FOR CONT. SEE DM2.3

1
M3.2

BOILER ROOM SW ISO - DEMO - HVAC - PHASE 3, STAGE 1

1/2" = 1'-0"

0 2 4
SCALE IN FEET

NOTES THIS SHEET ⬡

1 REMOVE BOILERS, BURNERS AND ASSOCIATED STEAM PIPING BACK TO HEADER, CW MAKE-UP BACK TO HEADER, CONDENSATE RETURN PIPING, BOILER DRAIN PIPING, RELIEF PIPING, CONTROLS AND APPURTANCES. REMOVE ALL ASSOCIATED SUPPORTS PATCH SURFACES TO MATCH ADJACENT.

2 REMOVE FEED WATER TANK PUMPS AND ASSOCIATED FEED WATER PIPING, CONTROLS, AND SUPPORTS. CAP FEED WATER TANK AT REMOVED PIPING CONNECTIONS.

3 REMOVE DOMESTIC HOT WATER HEATING WATER PIPING AND SUPPORTS FROM BOILERS. PATCH SURFACES TO MATCH ADJACENT.

4 REMOVE GAS PIPING AND SUPPORTS FROM BRANCH CONNECTION TO BURNERS. REMOVE REGULATORS AND ASSOCIATED VENT PIPING. PATCH ROOF AND WALL PENETRATIONS. CAP MAIN AT BRANCH CONNECTION AND SEAL GAS TIGHT. PATCH SURFACES TO MATCH ADJACENT.

5 REMOVE PUMPED CONDENSATE RETURN PIPING AND SUPPORTS. CAP FEED WATER TANK AT CONNECTION. PATCH BOTH SIDES OF WALL AT PENETRATION, AND SURFACES TO MATCH ADJACENT.

6 REMOVE STEAM PIPING AND ASSOCIATED SUPPORTS BACK TO HEADER. PATCH BOTH SIDES OF WALL AT PENETRATION, AND SURFACES TO MATCH ADJACENT.

7 CAP CW MAKE-UP AT HEADER.

8 REMOVE ABANDONED LAUNDRY ROOM STEAM PIPING AND SUPPORTS FROM LAUNDRY ROOM TO STEAM HEADER. PATCH BOTH SIDES OF WALL AT PENETRATION, AND SURFACES TO MATCH ADJACENT.

9 REMOVE DOMESTIC HW STORAGE TANK, HEATER AND ASSOCIATED HEATING WATER PUMPS, SUPPLY AND RETURN PIPING AS WELL AS CONTROLS AND SUPPORTS. PATCH SURFACES TO MATCH ADJACENT. SEE PLUMBING FOR DOMESTIC HW DEMO.

10 REMOVE DOMESTIC HW BOOSTER HEATER AND ASSOCIATED PUMP, PIPING, CONTROLS AND SUPPORTS. PATCH SURFACES TO MATCH ADJACENT.

11 CAP DOMESTIC HEATING WATER SUPPLY AND RETURN PIPING AT CONNECTION WITH BOILER DRAIN. SEAL WATER TIGHT.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

GENERAL NOTES

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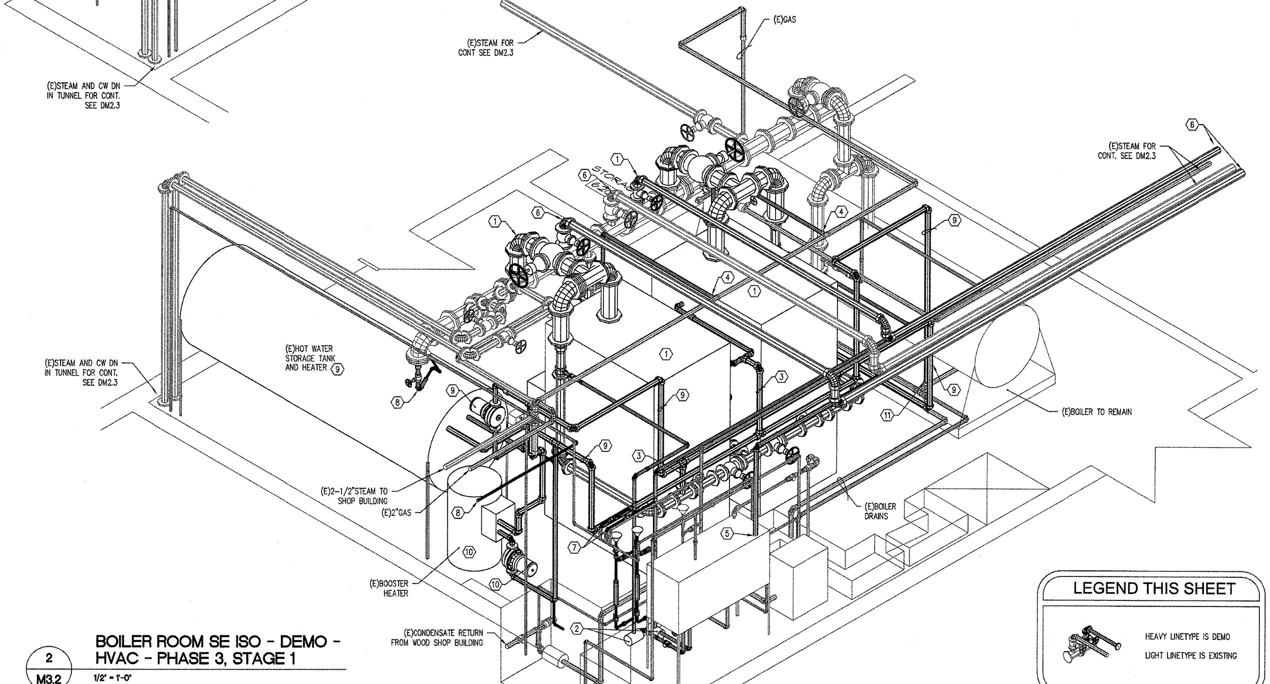
(E)STEAM FOR CONT SEE DM2.3
(E)GAS
(E)STEAM FOR CONT. SEE DM2.3
6
1
4
9
3
11
(E)BOILER TO REMAIN
(E)BOILER DRAINS
5
7
2
(E)STEAM AND CW DN IN TUNNEL FOR CONT. SEE DM2.3
(E)HOT WATER STORAGE TANK AND HEATER 9
8
(E)2-1/2"STEAM TO SHOP BUILDING
(E)2"GAS
10
(E)BOOSTER HEATER
(E)CONDENSATE RETURN FROM WOOD SHOP BUILDING
STORAGE

2
M3.2

BOILER ROOM SE ISO - DEMO - HVAC - PHASE 3, STAGE 1

1/2" = 1'-0"

0 2 4
SCALE IN FEET

LEGEND THIS SHEET

HEAVY LINETYPE IS DEMO
LIGHT LINETYPE IS EXISTING

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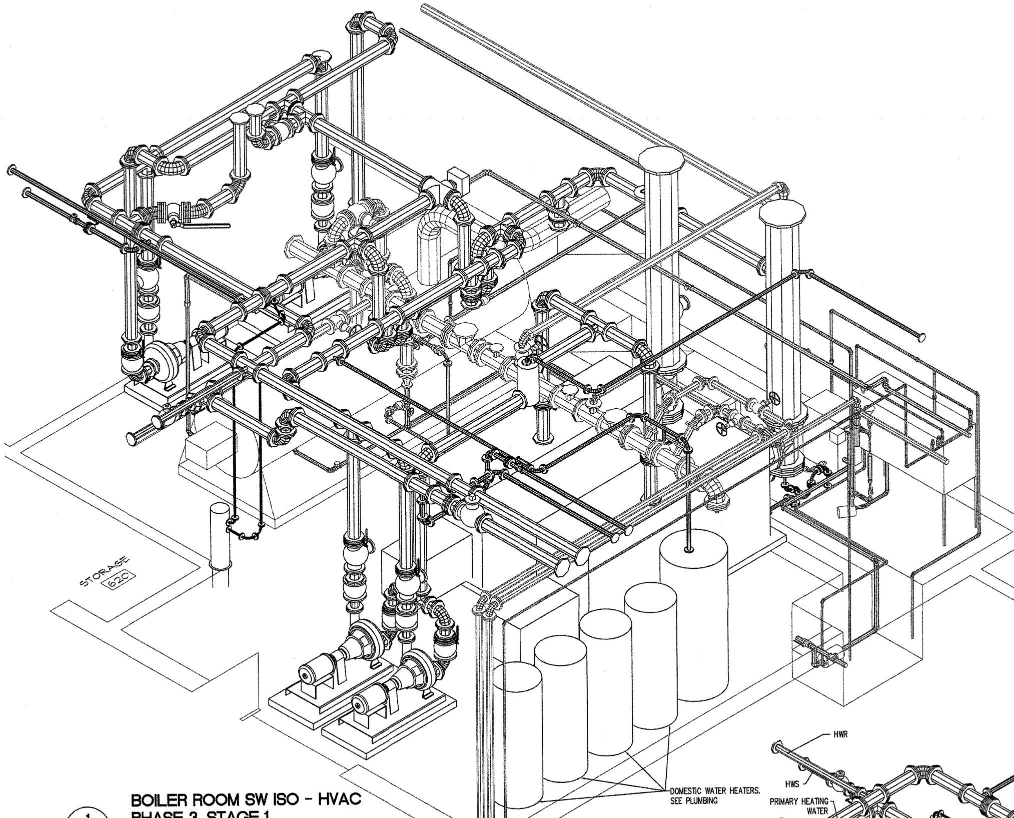
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

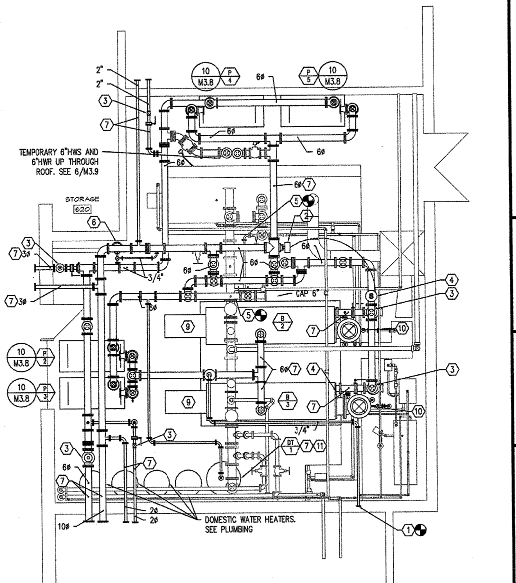
BOILER ROOM ISO
PIPING PLAN 2003
DEMO - HVAC
PHASE 3, STAGE 1

PROJECT NUMBER	DATE
01023	04-04-03

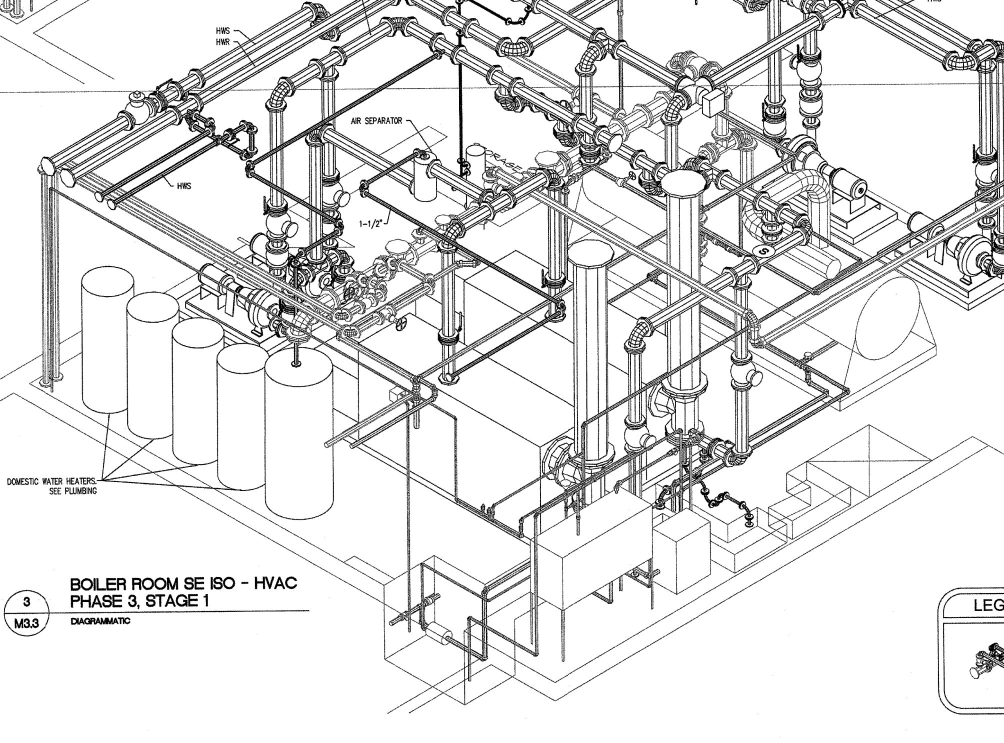
M3.2



1 / M3.3 **BOILER ROOM SW ISO - HVAC**
PHASE 3, STAGE 1
DIAGRAMMATIC



2 / M3.3 **BOILER ROOM PLAN - HVAC**
PHASE 3, STAGE 1
1/4" = 1'-0"



3 / M3.3 **BOILER ROOM SE ISO - HVAC**
PHASE 3, STAGE 1
DIAGRAMMATIC

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

NOTES THIS SHEET

1 CONNECT TO EXISTING CW HEADER AT (E) SHUT OFF VALVE. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER AND PRESSURE REDUCING VALVE. SEE 8/M3.9 AND 9/M3.9

2 NEW THREE WAY VALVE TO MAINTAIN MIN. 130°F PRIMARY HEATING WATER RETURN TEMPERATURE TO BOILER. SEE SPECS FOR ADDITIONAL REQUIREMENTS.

3 LINE SIZE BALANCING VALVE.

4 PRIMARY HEATING WATER RETURN TEMPERATURE SENSOR.

5 CONNECT NEW 1-1/2" HEADER DRIP TO EXISTING HEADER AND EXISTING STEAM BOILER HARTFORD LOOP.

6 NEW BYPASS CHEMICAL SHOT FEEDER. MOUNT ON WALL IN ACCESSIBLE LOCATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE ISOLATION VALVES AND UNIONS.

7 PROVIDE INLINE THERMOMETER.

8 NEW FLOOR MOUNTED EXPANSION TANK (DT-1). SEE 7/M3.1. ROUTE DRAIN TO OVER TRENCH.

9 DIRECT CONNECT 14X14 COMBUSTION AIR DUCT TO BURNER. TRANSITION AS REQUIRED FOR BURNER CONNECTION. VERIFY CONNECTION SIZE AND REQUIREMENTS WITH BURNER MANUFACTURER. EXTEND COMBUSTION AIR UP THRU ROOF. AND TERMINATE WITH GOOSENECK. SEE 8/M3.9. COORDINATE LOCATION OF ROOF PENETRATION WITH ARCHITECT.

10 18ø BOILER FLUE UP THRU ROOF. TO 10' MIN. ABOVE ROOF. PROVIDE VENTILATED THIMBLE AT ROOF PENETRATION. TERMINATE WITH EXIT CONE. PROVIDE DRAIN TEE AT RISE TO ROOF. ROUTE DRAIN TO OVER TRENCH. COORDINATE LOCATION OF ROOF PENETRATION WITH ARCHITECT.

11 RUN DISCHARGE FROM RELIEF VALVE TO OVER FLOOR TRENCH.

LEGEND THIS SHEET

HEAVY LINETYPE IS NEW
LIGHT LINETYPE IS EXISTING

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HIGH SCHOOL RECONSTRUCTION

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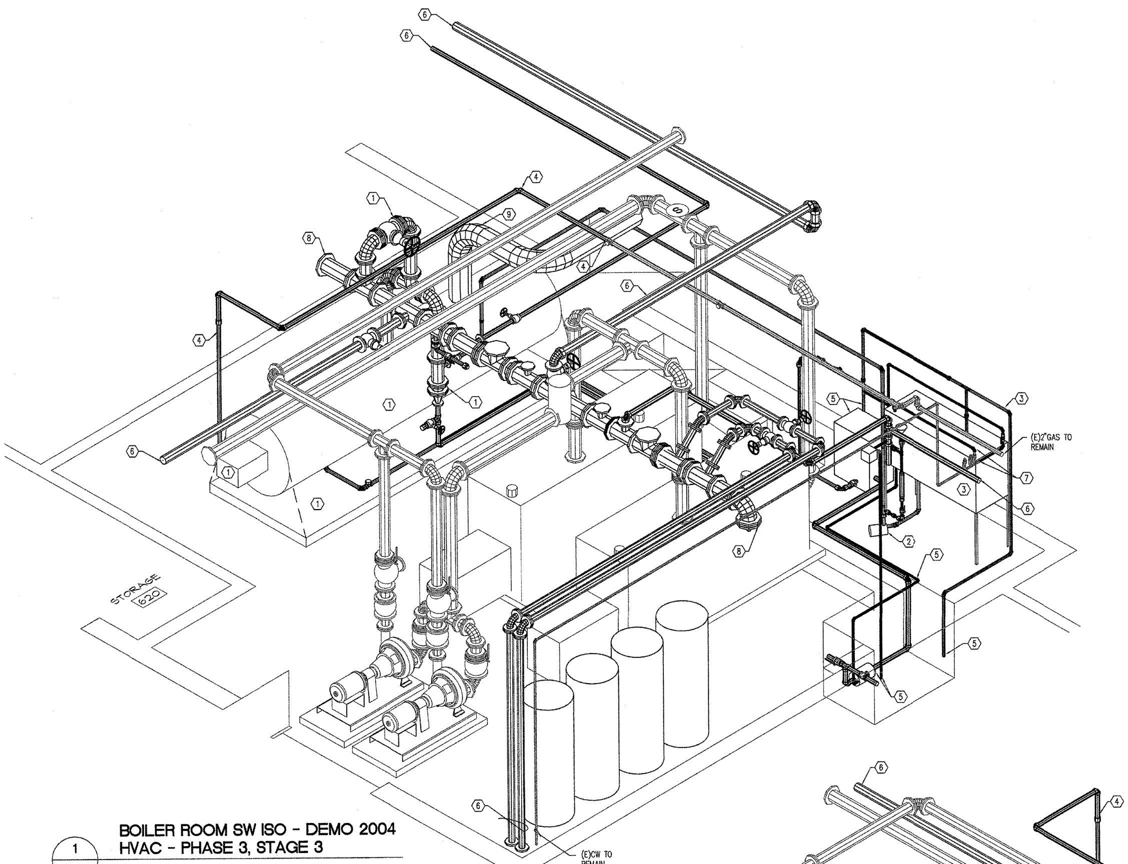
BOILER ROOM ISO
PIPING PLAN 2003
HVAC
PHASE 3, STAGE 1

PROJECT NUMBER	DATE
01028	04-04-03

M3.3



1
M3.4
BOILER ROOM SW ISO - DEMO 2004
HVAC - PHASE 3, STAGE 3
DIAGRAMMATIC

NOTES THIS SHEET ⬡

1 REMOVE BOILER, BURNER AND ASSOCIATED STEAM PIPING BACK TO HEADER, CW MAKE-UP BACK TO HEADER, CONDENSATE RETURN PIPING, BOILER DRAIN PIPING, RELIEF PIPING, CONTROLS AND APPURTANCES. REMOVE ALL ASSOCIATED SUPPORTS PATCH SURFACES TO MATCH ADJACENT.

2 REMOVE FEED WATER TANK PUMPS AND ASSOCIATED FEED WATER PIPING, CONTROLS, AND SUPPORTS.

3 REMOVE FEED WATER TANK, CONTROLS, ASSOCIATED PIPING AND SUPPORTS. PATCH SURFACES TO MATCH ADJACENT.

4 REMOVE GAS PIPING AND SUPPORTS FROM BRANCH CONNECTION TO BURNER. REMOVE REGULATORS AND ASSOCIATED VENT PIPING. PATCH ROOF AND WALL PENETRATIONS. CAP MAIN AT BRANCH CONNECTION AND SEAL GAS TIGHT. PATCH SURFACES TO MATCH ADJACENT.

5 REMOVE CONDENSATE RECEIVER, CONTROLS, ASSOCIATES PIPING AND SUPPORTS. PATCH SURFACES TO MATCH ADJACENT.

6 REMOVE STEAM PIPING AND ASSOCIATED SUPPORTS BACK TO HEADER. PATCH BOTH SIDES OF WALL AT PENETRATION, AND SURFACES TO MATCH ADJACENT.

7 CAP CW MAKE-UP AT HEADER.

8 REMOVE ABANDONED STEAM HEADER AND SUPPORTS. PATCH SURFACES TO MATCH ADJACENT.

9 REMOVE BOILER BREECHING AND ASSOCIATED SUPPORTS FROM BOILER TO CONNECTION WITH BOILER STACK. PATCH STACK GAS TIGHT. PATCH ADJACENT SURFACES TO MATCH EXISTING.

10 REMOVE CONDENSATE RETURN PIPING. CAP BEYOND FINISHED SURFACE.

11 DOMESTIC WATER HEATERS INSTALLED DURING PHASE 3, STAGE 1. SEE PLUMBING.

PHASING NOTES

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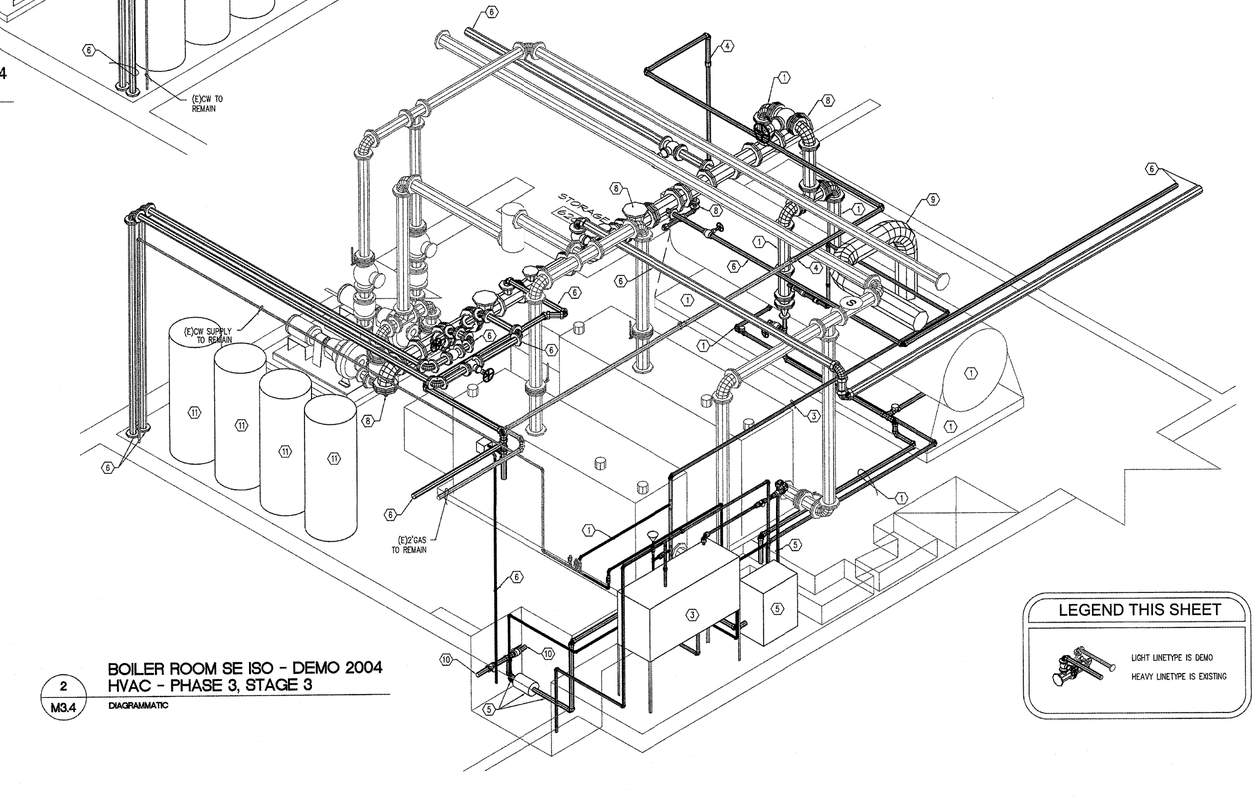

2
M3.4
BOILER ROOM SE ISO - DEMO 2004
HVAC - PHASE 3, STAGE 3
DIAGRAMMATIC

LEGEND THIS SHEET

LIGHT LINETYPE IS DEMO
HEAVY LINETYPE IS EXISTING

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BOILER ROOM ISO
PIPING PLAN 2004
DEMO - HVAC
PHASE 3, STAGE 3

PROJECT NUMBER	DATE
01023	04-04-03

M3.4

PACKAGED ROOFTOP UNIT SCHEDULE (GAS HEAT - ELEC. COOLING)

MARK NUMBER	AC1	AC2	AC3	AC4	AC5	AC6
SERVING	LBCC CLASSROOM	LBCC ART ROOM	LBCC INTERIOR	LBCC MATH LAB	LBCC COMPUTER LAB	LBCC CONFERENCE
FAN:						
TOTAL CFM	1450	1100	2200	1200	1800	600
MIN. O.A.	630	315	365	310	325	130
ESP (IN. WC)	0.50	0.63	0.63	0.50	0.50	0.50
DRIVE	BELT	BELT	BELT	BELT	BELT	BELT
RPM						
WHEEL TYPE	BI	BI	BI	BI	BI	BI
FAN MOTOR HP	1	1	2	1	2	0.33
FILTER						
TYPE	2", 30% PLEAT	2", 30% PLEAT	2", 30% PLEAT	2", 30% PLEAT	2", 30% PLEAT	2", 30% PLEAT
FACE VELOCITY	MAX 500 FPM	MAX 500 FPM	MAX 500 FPM	MAX 500 FPM	MAX 500 FPM	MAX 500 FPM
HEATING:						
INPUT (MBH)	90.00	90.00	90.00	90.00	90.00	69.00
OUTPUT (MBH)	72.90	72.90	72.90	72.90	72.90	55.90
CALC. LOSS (MBH)	48.00	39.40	40.00	37.90	35.60	14.50
COOLING: [At ARI Conditions]						
TOTAL MBH	47.30	40.90	66.10	47.00	67.70	17.90
SEN. (MBH)	32.30	28.80	54.80	36.00	55.30	14.20
ELECTRIC:						
MOP	15	15	20	15	25	15
MCA	12	12	16	12	17	8
VOLT/PHASE	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3
ACCESSORIES POWER EXHAUST	NO	NO	NO	NO	NO	NO
ECONOMIZER	YES	YES	YES	YES	YES	YES
VIBRATION ISOLATION CURB	YES	YES	YES	YES	YES	YES
STATIC WEIGHT (lbs.)	1180	1180	1180	1180	1250	1130
MANUFACTURER	AAON	AAON	AAON	AAON	AAON	AAON
MODEL	RK-04	RK-04	RK-05	RK-04	RK-06	RK-02

NOTE: FOR UNITS 2000 CFM OR GREATER ELECTRICAL CONTRACTOR WILL PROVIDE DUCT DETECTOR MECHANICAL CONTRACTOR WILL INSTALL AND WIRE FOR FAN SHUT-DOWN.

HEATING AND VENTILATING UNIT SCHEDULE

MARK NUMBER	HVU-8	HVU-9
SERVING	KITCHEN	CAFETERIA
LOCATION	ROOF	ROOF
FAN:		
TYPE	18.5" PLENUM	(2) 24.5" PLENUM
TOTAL CFM	2,150	10,200
MIN. O.A. (CFM)	200	5,210
ESP (IN. WC)	0.50	0.75
RPM	896	1011
FAN MOTOR HP	(1) 1	(2) 2
VOLTS/PH	460 / 3	460 / 3
FILTER TYPE	2", 30% PLEATED	2", 30% PLEATED
GAS HEATING :		
MBH INPUT	180	780
MBH OUTPUT.	145	631
CALCULATED HEAT LOSS (MBH)	125	457
ACCESSORIES:		
ECONOMIZER	YES	YES
POWER EXHAUST	NO	YES
MODULATING GAS HEAT	YES	2-STAGE
DOUBLE WALL CONSTRUCTION	NO	NO
STAINLESS STEEL HEAT EXCHANGER	YES	YES
VIBRATION ISOLATION CURB	YES	YES
WEIGHT (LBS.)	1465	3700
MANUFACTUER	AAON	AAON
MODEL	RK08	RK26

NOTE: FOR UNITS 2000CFM OR GREATER ELECTRICAL CONTRACTOR WILL PROVIDE DUCT DETECTOR. MECHANICAL CONTRACTOR WILL INSTALL AND WIRE FOR FAN SHUT-DOWN.

INDOOR AIR HANDLING UNIT SCHEDULE

MARK NUMBER	AHU-1	AHU-2
SERVING	ADMINISTRATION	LIBRARY / CLASSROOMS
CASING:		
INSULATION THICKNESS (IN)	2	2
LINER	PERFORATED	PERFORATED
EXTERIOR FINISH	GALVANIZED	GALVANIZED
SUPPLY FAN:		
WHEEL TYPE	15" DWDI FC	24.5" DWDI FC
TOTAL CFM	6665	13,785
MIN. O.A.	1,480	2,345
ESP (IN. WC)	1.75	1.75
DRIVE	BELT	BELT
MAX RPM	1,156	592
MAX BHP	5.25	8.90
MAX MOTOR HP	7.5	10
RETURN FAN:		
WHEEL TYPE	15" DWDI FC	24.5" DWDI FC
TOTAL CFM	6665	18,725
ESP (IN. WC)	0.75	0.75
DRIVE	BELT	BELT
MAX RPM	834	440
MAX BHP	3.31	5.96
MAX MOTOR HP	5	7.5
FILTER		
TYPE	2", 30% PLEAT V-BANK	2", 30% PLEAT
MAX FACE VELOCITY	500 FPM	500 FPM
HEATING		
PERCENT PROPYLENE GLYCOL (%)	0	0
MBH	162	412
MIN ROWS	1	1
MAX FINS PER INCH	10	10
EAT / LAT (DEG F)	62 / 86	65 / 85
EWT / GPM	180 / 16.2	180 / 24.1
MAX AIR PRESS. DROP (IN WG)	0.08	0.07
MAX WATER PRESS. DROP (FT)	3.00	3.10
COOLING		
PERCENT PROPYLENE GLYCOL (%)	30	30
SENSIBLE MBH	137	245
TOTAL MBH	178	347
MIN ROWS	5	6
MAX FINS PER INCH	10	10
EAT DRY/WET (DEG F)	79.5 / 63.5	78 / 62.5
EWT / GPM	42 / 37.1	42 / 73
MAX AIR PRESS. DROP (IN WG)	0.69	0.55
MAX WATER PRESS. DROP (FT)	13.6	9.8
VOLT / PHASE	460 / 3	460 / 3
ACCESSORIES		
ECONOMIZER SECTION	YES	YES
12" DEEP STRUCTURAL BASE	YES	YES
STATIC WEIGHT (lbs.)	3600	7200
MANUFACTURER	MC QUAY	MC QUAY
MODEL	CAH-014	CAH-030
REFERENCE DETAIL		

NOTE: FOR UNITS 2000CFM OR GREATER ELECTRICAL CONTRACTOR WILL PROVIDE DUCT DETECTOR MECHANICAL CONTRACTOR WILL INSTALL AND WIRE FOR FAN SHUT-DOWN.

AIR HANDLING UNIT SCHEDULE

MARK NUMBER	AHU-3
SERVING	CLASSROOMS
CONSTANT/VARIABLE VOLUME	VAV
LOCATION	ROOF
WALL TYPE	2" WALL WITH PERF. LINER
SUPPLY AIR FAN:	
WHEEL TYPE	20" AIRFOIL
CFM	4,800
ESP (IN. WC)	1.50
TSP (IN. WC)	2.16
MAX WHEEL RPM	1351
MAX FAN MOTOR BHP	2.43
FAN MOTOR HP	3
VOLTS/PH	460/3
MIN OSA (CFM)	1,390
VFD/INLET VANES	VFD
RETURN/EXHAUST FAN:	
WHEEL TYPE	30" PLUG
CFM	4,800
ESP (IN. WC)	0.50
TSP (IN. WC)	0.50
MAX WHEEL RPM	513
MAX FAN MOTOR BHP	0.71
FAN MOTOR HP	1.5
VOLTS/PH	460/3
VFD/INLET VANES	VFD
FILTER:	
FILTER TYPE	2", 30% PLEATED
COOLING:	
ENT. AIR, DEG F.	81 / 63
SENSIBLE COOLING (MBH)	117
TOTAL COOLING (MBH)	169
MAX. FACE VELOCITY (FPM)	500
MAX APD (inches H20)	0.37
ENTERING WATER TEMP (DEG. F)	42
LEAVING WATER TEMP (DEG. F)	52
30% PROPYLENE GLYCOL (GPM)	35.2
MAXIMUM WPD (FT WG)	14
HEATING:	
ENT. AIR, DEG F.	58 / 51.5
HEATING (MBH) AT 50% AIRFLOW	125
MAX. FACE VELOCITY (FPM)	500
MAX APD (inches H20)	0.05
ENTERING WATER TEMP (DEG. F)	180
LEAVING WATER TEMP (DEG. F)	160
WATER FLOW RATE (GPM)	12.5
MAXIMUM WPD (FT WG)	3.9
WEIGHT (LBS.)	6,500
MANUFACTURER	MCQUAY
MODEL	RDS-800C
ACCESSORIES/NOTES	2-VFD W/BYPASS
	VIBRATION ISOLATION CURB

NOTE: ALL UNITS 2000 CFM OR GREATER ELECTRICAL CONTRACTOR WILL PROVIDE DUCT DETECTOR, MECHANICAL CONTRACTOR WILL INSTALL AND WIRE FOR FAN SHUT-DOWN.

VENTILATION AIR REQUIREMENT SCHEDULE

SYSTEM	SPACE	AREA (SQ FT)	OCC. LOAD FACTOR (SQ FT/OCCUPANT) PER UBC TABLE 10-A	NUMBER OCCUPANTS	CODE REQUIRED OSA PER OCCUPANT (CFM) PER UBC TABLE 12-A	CODE REQUIRED VENT (CFM) PER UBC 1203.2.1	TOTAL VENT AIR FOR SYSTEM (CFM)
HVU-1	KITCHEN	2814	200	15	15	113	
	TOILET	226	–	–	50 CFM/FIXTURE	50	
	STORE	294	300	1	15	8	170
HVU-2	CAFETERIA	7812	15	521	20	5210	5210
FC-1	CORRIDOR 143	1330	–	–	0.1 CFM/SF	133	140
FC-2	LOBBY 113	3870	–	–	0.1 CFM/SF	387	
	TOILETS	702	–	–	50 CFM/FIXTURE	650	650
FC-3	CORRIDOR 272	1770	–	–	0.1 CFM/SF	177	177
FC-4	CORRIDOR 264	1010	–	–	0.1 CFM/SF	101	101
FC-5	CORRIDOR 252	1830	–	–	0.1 CFM/SF	183	183
FC-6	CORRIDOR 240	2290	–	–	0.1 CFM/SF	229	229
FC-7	CHORAL 626	1490	20	75	15	563	563
FC-8	COSTUMES	1350	100	14	15	105	
	TOILETS	702	–	–	50 CFM/FIXTURE	100	105
AC-1	LBCC COMPUTER LAB	871	20	44	15	330	
	TOILETS	528	–	–	50 CFM/FIXTURE	300	630
AC-2	LBCC ART CLASS	840	20	42	15	315	315
AC-3	LBCC STORE	168	300	1	15	8	
	LBCC OFFICE	778	100	8	20	80	
	LBCC CORRIDOR	584	–	–	0.1 CFM/SF	58	
	LBCC TESTING	130	15	9	15	68	
	LBCC COMMONS	294	15	20	15	150	364
AC-4	LBCC MATH LAB	810	20	41	15	308	308
AC-5	LBCC COMPUTER LAB	852	20	43	15	323	323
AC-6	LBCC CONFERENCE	192	15	13	20	130	130
AHU-1	OFFICE	6197	100	62	20	620	
	TOILET	233	–	–	50 CFM/FIXTURE	200	
	LUNCH ROOM	517	15	35	20	350	
	CONFERENCE	454	15	31	20	310	1480
AHU-2	LIBRARY READING	1512	50	31	15	233	
	LIBRARY STACKS	4876	100	49	15	368	
	OFFICE	412	100	5	20	50	
	CLASSROOM	4425	20	222	15	1665	
	STORAGE	983	300	4	15	30	2345
AHU-3	CLASSROOMS	3691	20	185	15	1388	1388
HP-1	CLASSROOM	670	20	34	15	255	255
HP-2	CLASSROOM	670	20	34	15	255	255
HP-3	CLASSROOM	670	20	34	15	255	255
HP-4	CLASSROOM	670	20	34	15	255	255

NOTE: FC-2 AND FC-8. TOILET EXHAUST AIR TAKEN FROM ADJACENT SPACES.

MAKE UP AIR UNIT SCHEDULE

MARK NUMBER	MAU-1
SERVING	KITCHEN
FAN:	
TOTAL CFM	3,570
MIN. O.A.	3,570
ESP (IN. WC)	0.625
DRIVE	BELT
WHEEL TYPE	FC
RPM	896
FAN MOTOR HP	2
VOLTS/PH	460 / 3
FILTER TYPE	2" 30% PLEATED
HEATING:	
TYPE	DIRECT GAS
INPUT (MBH)	224
OUTPUT (MBH)	224
ACCESSORIES:	
VIBRATION ISOLATION CURB	YES
20:1 MODULATING BURNER	YES
STATIC WEIGHT (LBS.)	750
MANUFACTURER	CAPTIVEAIRE
MODEL NUMBER	NHMUA2.12-G15

NOTE: FOR UNITS 2000 CFM OR GREATER ELECTRICAL CONTRACTOR WILL PROVIDE DUCT DETECTORS, MECHANICAL CONTRACTOR WILL INSTALL AND WIRE FOR FAN SHUT-DOWN.

GRILLES REGISTERS AND DIFFUSER SCHEDULE

SYM.	DESCRIPTION	TITUS NO. SHOWN	MAT'L	FINISH	REMARKS
CS1	T-BAR CEILING SUPPLY	TDC	ST	WHITE	LOUVERED FACE. TYPE 3 BORDER
CS2	HARD CEILING SUPPLY	TDC	ST	WHITE	LOUVERED FACE. TYPE 1 BORDER
CR1	T-BAR CEILING RETURN	TDC	ST	WHITE	LOUVERED FACE. TYPE 3 BORDER
CR2	HARD CEILING RETURN	TDC	ST	WHITE	LOUVERED FACE. TYPE 1 BORDER
CE1	HARD CEILING EXHAUST	TDC	ST	WHITE	LOUVERED FACE. TYPE 1 BORDER
HS1	HIGH SIDEWALL SUPPLY	300 RS	ST	WHITE	DOUBLE DEFLECTION, FRONT BLADES VERTICAL
HS2	LIBRARY SIDE SUPPLY	CT-540	AL	ANNODIZED	LINEAR BAR 1/4" BARS ON 1/2" SPACING
HR1	HIGH SIDEWALL RETURN	355 RL	ST	WHITE	35 DEG FIXED BLADES
HR2	POOL HIGH RETURN	355 FL	AL	WHITE	35 DEG FIXED BLADES
LS1	CEILING SLOT DIFFUSER	FL-20	AL	ANNODIZED	SINGLE 2" FLOWBAR SLOT, 48" LONG. FACTORY LINED PLENUM WITH 12" DIA INLET
LR1	LOW SIDEWALL RETURN	63 FL	AL	WHITE	HEAVY DUTY, 30 DEG FIXED BLADES

NOTE: CONTRACTOR TO COORDINATE WITH CEILING, WALL, AND FLOOR CONSTRUCTION PRIOR TO RELEASE OF GRILLES, REGISTERS AND DIFFUSERS.

ST STEEL

AL ALUMINUM

EXHAUST FAN SCHEDULE

MARK NUMBER	KEF-1	KEF-2	KEF-3	KEF-4	EF-5	EF-6	EF-7	EF-8	EF-9	EF-10
TYPE	SPUN UP	SPUN UP	SPUN UP	SPUN UP	CABINET	CABINET	CABINET	SPUN	SPUN	SPUN
SERVING	CLASS 1 HOOD	CLASS 2 HOOD	DISHWASHER	DISHWASHER	KITCHEN TOILET	ADMIN WEST	ADMIN EAST	LIBRARY TOILETS	EAST TOILETS	IDF 511
FAN LOCATION	ROOF	ROOF	ROOF	ROOF	CEILING	ATTIC	ATTIC	ROOF	ROOF	ROOF
CFM	3,000	1,465	600	600	150	400	150	700	575	370
TSP (IN. WC)	1.60	0.625	0.625	0.750	0.50	0.75	0.50	0.500	0.250	0.375
DRIVE	BELT	BELT	BELT	BELT	DIRECT	DIRECT	DIRECT	BELT	BELT	BELT
MAX FAN RPM	1,381	1,285	1,670	1,784	1,500	1,325	1,214	1,615	798	1,261
MAX BHP	1.45	0.30	0.16	0.19				0.15	0.42	0.10
MOTOR HP.	2	1/2	1/4	1/4	95.16 W	1/4	73.63 W	1/4	1/4	1/6
VOLT/PH	460 / 3	460 / 3	115 / 1	115 / 1	115 / 1	115 / 1	115 / 1	115 / 1	115 / 1	115 / 1
WHEEL TYPE	BI	BI	BI	BI	FC	FC	FC	BI	BI	BI
CONTROL	IW (MAU-1)	IW (MAU-1)	SWP	SWP	DDC	DDC	DDC	DDC	DDC	DDC
BACK DRAFT DAMPER	NO	NO	YES	NO	YES	YES	YES	YES	YES	YES
VARIABLE SPEED CONTROL	NO	NO	NO	NO	NO	YES (NOTE 1)	YES (NOTE 1)	NO	NO	NO
SPECIAL COATINGS	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
ISOLATION	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL
MAX SOUND SONES	16.8	12.5	9.9	10.8	3.4	2.3	2.3	9.5	3.2	7.0
STATIC WEIGHT (LBS.)	229	115	70	70	15	37	17	50	102	69
MANUFACTURER	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK	COOK
MODEL # [FAN]	VCR-HP 195VH 9B	VCR 135V 5B	ACRU-B 100R 3B	ACRU-B 100R 3B	GN-160	GN-720	GN-180	ACE-B 100C 3B	ACE-B 120C 3B	ACE-B 80C 2B
ACCESSORIES	VENTED CURB	ROOF CURB	ROOF CURB	ROOF CURB	WALL DISCHARGE			BIRDSCREEN	BIRDSCREEN	BIRDSCREEN
	UL 762	BIRD SCREEN	BIRD SCREEN	UL 762	CAP			FLAT ROOF CURB	FLAT ROOF CURB	FLAT ROOF CURB
	GREASE TROUGH	HINGED BASE		GREASE TROUGH						
	HINGED BASE			HINGED BASE						

I.W. – INTERLOCK WITH (EQUIPMENT MARK NO.)

DDC – INTERLOCK WITH DDC SYSTEM

SWP – SWITCH WITH PILOT LIGHT

GRAVITY VENT SCHEDULE

MARK NUMBER	GV-1	GV-2	GV-3
TYPE	SPUN ALUMINUM	SPUN ALUMINUM	SPUN ALUMINUM
SERVING	FC-4	FC-5	EF-10
VENT LOCATION	ROOF	ROOF	ROOF
CFM	110	185	370
MIN. FREE AREA INTAKE (SQ FT)	0.37	0.37	0.37
TSP (IN. WC)	0.015	0.043	0.125
BACK DRAFT DAMPER	NO	NO	NO
SPECIAL COATINGS	NO	NO	NO
STATIC WEIGHT (LBS.)	7	7	7
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK
MODEL #	GRSI-8	GRSI-8	GRSI-8
ACCESSORIES	ROOF CURB	ROOF CURB	ROOF CURB

LOUVER SCHEDULE

MARK NUMBER	MATERIAL	FINISH	LENGTH	HEIGHT	DEPTH	FRAME TYPE	CFM	MAXIMUM PRESSURE DROP (IN WC)	MINIMUM FREE AREA AT SIZE INDICATED (SQ FT)	MINIMUM FREE AREA AT 48"x48" (SQ FT)	MAX FREE AREA VELOCITY PRIOR TO WATER PENETRATION (FPM)	GREENHECK MODEL
L1	ALUMINUM	KYNAR 500	84	72	4	CHANNEL	13,785	0.065	24	8.49	934	EDK-402
L2	ALUMINUM	KYNAR 500	84	72	4	CHANNEL	13,785	0.065	24	8.49	934	EDK-402
L3	ALUMINUM	KYNAR 500	42	72	4	CHANNEL	6,535	0.065	11.81	8.49	934	EDK-402
L4	ALUMINUM	KYNAR 500	42	72	4	CHANNEL	6,535	0.065	11.81	8.49	934	EDK-402
L5	ALUMINUM	KYNAR 500	18	24	4	CHANNEL	790	0.065	1.32	8.49	934	EDK-402

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03/28/03
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△	REVISED

SCHEDULES - HVAC

PROJECT NUMBER 01023
DATE 04-04-03

M3.6

FAN COIL UNIT SCHEDULE

MARK NUMBER	FC-1	FC-2	FC-3	FC-4	FC-5	FC-6	FC-7	FC-8
SERVING	CORRIDOR 143	CORRIDOR 113	CORRIDOR 272	CORRIDOR 264	CORRIDOR 252	CORRIDOR 240	CHORAL	STAGE DRESSING
FAN:								
TYPE	FC	FC	FC	FC	FC	FC	FC	FC
TOTAL CFM	1100	3600	2000	1200	1320	1960	1660	500
MIN. O.A. (CFM)	140	650	200	110	185	230	750	100
ESP (IN. WC)	0.75	0.75	0.75	0.75	0.75	0.75	0.625	0.625
RPM	1125	825	925	1125	1175	1105	1070	1270
MAX FAN MOTOR BHP	0.45	1.25	0.60	0.45	0.55	0.60	0.7	0.25
FAN MOTOR HP	0.75	2	1.5	1	1	1.5	1	0.5
VOLTS/PH	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3
FILTER TYPE	2", 30 % PLEAT	2", 30 % PLEAT	2", 30 % PLEAT	2", 30 % PLEAT	2", 30 % PLEAT	2", 30 % PLEAT	2", 30 % PLEAT	2", 30 % PLEAT
HEATING :								
ENT. AIR, DEG F.	63	63	63	63	63	63	46	59
LVG. AIR DEG F.	93	93	94	92	90	94	115	115
TOTAL, MBH	20	61	32	20	18	30	124	30.2
GPM	3.7	12.1	7.0	3.9	4.1	6.9	12.7	4.19
MINIMUM ROWS	1	1	1	1	1	1	1	1
MAXIMUM FINS/Inch	8	8	8	8	8	8	8	8
MAX. FACE VELOCITY, FPM	500	500	500	500	500	500	500	500
MAX AIR PRESS. LOSS inch H2O	0.05	0.05	0.05	0.06	0.06	0.05	0.154	0.045
WEIGHT (LBS.)	300	668	372	300	300	372	200	140
HORIZONTAL/VERTICAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	VERTICAL
MANUFACTUER	ETI	ETI	ETI	ETI	ETI	ETI	ETI	ETI
MODEL	H-12	H-40	H-20	H-12	H-12	H-20	H-16	VB-08
MANUFACTUER'S MIXING BOX	YES	YES	YES	YES	YES	YES	YES	YES

CHILLER SCHEDULE

MARK NUMBER	CH-1	CH-2
LOCATION	SEE DRAWING 1/M2.2	SEE DRAWING 1/M2.2
SERVING	AHU-2	AHU-1 & AHU-3
COOLING CAPACITY (TONS)	35	35
UNIT EER	9.7	9.7
INTERNAL REFRIGERANT	R22	R22
CHW % POPYLENE GLYCOL	30	30
WATER FLOW (GPM)	73	72.3
PRESSURE DROP (FT)	10	10
ENT. WATER TEMP. (DEG. F)	55	55
LVG. WATER TEMP. (DEG F)	45	45
FOULING FACTOR ((HR-SQFT-F)/BTU)	0.0001	0.0001
CONDENSER		
AIRFLOW (CFM)	21,000	21,000
NO. OF FANS	2	2
ENT. AIR TEMP. (DEG F)	105	105
COMPRESSOR TYPE		
TYPE	SCROLL	SCROLL
NUMBER	3	3
STEPS UNLOADING	3	3
CHILLED WATER PUMP		
TYPE	END SUCTION	END SUCTION
WATER FLOW (GPM)	73	73
HEAD (FT)	85	85
MOTOR HP	3	3
ELECTRICAL		
SINGLE POINT POWER CONNECTION	YES	YES
VOLTAGE / PHASE	460 / 3	460 / 3
MCA	82.5	82.5
MOCP	100	100
STATIC WEIGHT (LBS.)	3300	3300
ACCESSORIES	CHW EXPANSION TANK CHW PUMPS	CHW EXPANSION TANK CHW PUMPS
MANUFACTURER	CARRIER	CARRIER
MODEL NUMBER:	30RAN040	30RAN040

TERMINAL UNIT SCHEDULE

SYMBOL	MAX CFM	MIN CFM	RADIATED MAX NC	MAX OPER PRES. H20	INLET SIZE	HEATING COIL ROWS	MBH	GPM	TITUS MODEL #
VAV-1	800	535	25	1.25	9	2	23	0.9	DESV
VAV-2	175	120	23	1.25	4	1	5	0.3	DESV
VAV-3	490	330	20	1.25	7	2	14	0.6	DESV
VAV-4	445	300	20	1.25	7	2	14	0.6	DESV
VAV-5	150	115	22	1.25	4	1	5	0.3	DESV
VAV-6	1400	935	24	1.25	12	2	40	1.5	DESV
VAV-7	360	240	23	1.25	6	2	10	0.6	DESV
VAV-8	325	220	22	1.25	6	2	10	0.6	DESV
VAV-9	185	125	N/A	1.25	5	1	5	0.3	DESV
VAV-10	400	270	24	1.25	6	2	12	0.6	DESV
VAV-11	750	500	22	1.25	8	3	22	1	DESV
VAV-12	325	220	22	1.25	6	2	10	0.1	DESV
VAV-13	230	155	14	1.25	5	2	7	0.3	DESV
VAV-14	630	420	20	1.25	8	2	18	0.6	DESV
VAV-15	1700	1140	27	1.25	12	2	43.0	1.5	DESV
VAV-16	2860	1910	23	1.25	16	3	83.0	3.0	DESV
VAV-17	1200	800	23	1.25	12	2	35.0	2.0	DESV
VAV-18	900	600	28	1.25	10	2	26.0	0.9	DESV
VAV-19	1050	700	31	1.25	10	2	30	1.5	DESV
VAV-20	NOT USED								
VAV-21	135	90	19	1.25	4	1	4	0.3	DESV
VAV-22	700	470	22	1.25	8	2	20	1.5	DESV
VAV-23	1200	800	23	1.25	12	2	35	1.5	DESV
VAV-24	1200	800	23	1.25	12	2	35	1.5	DESV
VAV-25	90	60	14	1.25	4	1	3	0.3	DESV
VAV-26	500	335	22	1.25	7	1	12	1.8	DESV
VAV-27	NOT USED								
VAV-28	3000	2000	23	1.25	16	2	75	2.8	DESV
VAV-29	1200	800	23	1.25	12	2	35	1.5	DESV
VAV-30	1200	800	23	1.25	12	2	35	1.5	DESV
VAV-31	1200	800	23	1.25	12	2	35	1.5	DESV
VAV-32	1200	800	23	1.25	12	2	35.0	1.5	DESV

HEATING COIL

MARK NO.	H1	H2	H3	H4	H5	H6	H7	H8
SYSTEM SERVED	(E) GYM	(E) FC1	(E) FC1	(E) FC1	(E) FC1	(E) FC1	(E) AUDITORIUM	(E) AUDITORIUM
TOTAL CFM	8000	700	800	2400	200	800	6000	6000
FIT UNIT	TRANE TORIVENT 717						TRANE 312WB3	TRANE 312WB3
MANUFACTURER/MODEL	USA HW58	USA HW12	USA HW12	USA HW58	USA HW12	USA HW12	USA HW58	USA HW58
SIZE:								
WIDTH, Inches	66	18	18	23	11	24	94	94
HEIGHT, Inches	33	11.25	11.25	24	11.25	15	18	18
DEPTH, Inches	6.5	5.5	5.5	5.5	5.5	5.5		
ENT. AIR, DEG F.	55	55	55	55	55	55	55	55
LVG. AIR DEG F.	115	120	120	120	120	120	115	115
TOTAL, MBH	50.9	49.1	56.2	168.5	14	56.2	388.8	388.8
EWT/LWT DEG F.	180/160	180/160	180/160	180/160	180/160	180/160	180/160	180/160
MAXIMUM GPM	50	5	6	18	1.5	7.5	40	40
WATER P.D. Feet, MAXIMUM	2.02	1.51	2.11	4.76	2.52	6.99	4	4
MINIMUM ROWS	2	2	2	3	1	2	2	2
MAXIMUM FINS/Inch	10	10	10	8	12	8	10	10
FACE VELOCITY, FPM	529	498	569	626	233	320	511	511
AIR PRESS. LOSS Inches H2O	0.18	0.15	0.19	0.31	0.02	0.06	0.17	0.17

NOTE: ALL COILS SIZES REQUIRE FIELD VERIFICATION OF FIT INTO EXISTING EQUIPMENT.
COIL SUPPLIER AND CONTRACTOR TO COORDINATE COIL SIZES PRIOR TO ORDERING.

CIRCULATING PUMPS

SYMBOL	LOCATION	SERVING	GPM	HEAD FEET	FLUID TEMP, F	NOM. H.P.	MOTOR VOLT/PHASE	VFD	RPM	MANUFACTURER & MODEL NUNBER
P-2	BOILER ROOM	PRIMARY	472	27	180	5	460/3	NO	1750	B&G SERIES 1510-4AC
P-3	BOILER ROOM	PRIMARY	472	27	180	5	460/3	NO	1750	B&G SERIES 1510-4AC
P-4	BOILER ROOM	SECONDARY	472	75	180	15	460/3	YES	1750	B&G SERIES 1510-4BC
P-5	BOILER ROOM	SECONDARY	472	75	180	15	460/3	YES	1750	B&G SERIES 1510-4BC
P-6	HP MEZZ MECH ROOM	HEAT PUMPS	170	70	60-90	7.5	460/3	NO	1750	B&G SERIES 80 2-1/2 X 2-1/2 X 9-1/2B

DIAPHRAM TANK

MARK NUMBER	SYSTEM	TANK VOL. GALS.	MAX ACCEPT GALS.	STATIC WEIGHT (LBS.)	MANUFACTURER AND MODEL NUMBER	COMMENTS
DT-1	BOILER	317	317	720	WESSELS - NLA-1200	REPLACEABLE BLADDER
DT-2	HEAT PUMPS	23	23	90	WESSELS - NLA-85	REPLACEABLE BLADDER

HEAT EXCHANGER SCHEDULE

MARK NUMBER		HX-1
SERVING		HEAT PUMPS
HEATING FLUID	WATER (GPM)	97
	INLET TEMPERATURE (DEG F)	180
	OUTLET TEMPERATURE (DEG F)	160
HEATED FLUID	FLOW (GPM)	170
	PRESSURE DROP (PSIG)	4.7
	INLET TEMPERATURE (DEG F)	65
	OUTLET TEMPERATURE (DEG F)	
	FOULING FACTOR	0.01049
SHELL	DIAMETER (IN)	12
	LENGTH (IN)	72
	NO. PASSES	2
	MAX WORKING PRESSURE	150
MANUFACTUER		B&G
MODEL		WU12 6-2 6

BOILER SCHEDULE

MARK NUMBER	INPUT MBH	OUTPUT MBH	WEIGHT WITH WATER	BOILER MANUF. & MODEL	BURNER MANUF. & MODEL	BURNER MOTOR HP	VOLTAGE	PHASE	REMARKS
B-2	4370	3800	12850 LBS	WEIL-MCLAIN 1788 WF	GORDON- PIATT- WR-10	3	460	3	FULL MODULATION & MANUF START-UP
B-3	4370	3800	12850 LBS	WEIL-MCLAIN 1788 WF	GORDON- PIATT- WR-10	3	460	3	FULL MODULATION & MANUF START-UP

WATER SOURCE HEAT PUMP SCHEDULE

SYM	AREA SERVED	ELECTRICAL				AIR VOL.,CFM		ESP	FILTERS		COOLING					HEATING				STATIC	UNIT #	REMARKS
			HP	VOLT/PH	MCA	TOTAL	O.A.	IN. WC	TYPE	AREA (SQ FT)	EWT	GPM	WPD	TOT.MBH	SENS.MBH	MAT	EWT	GPM	MBH	WEIGHT	McQUAY	
HP-1	CLASSROOM 520	Direct	1/2	208v/3	18.4	1400	275	0.45	30%, Pleated	4.0 min	85	8.0	7.0	40.9	30.1	59.2	60.0	8.0	45.6	275 lbs	WC-1042	Extended Range
HP-2	CLASSROOM 519	Direct	1/2	208v/3	18.4	1450	275	0.45	30%, Pleated	4.0 min	85	8.0	7.0	40.9	30.1	59.2	60.0	8.0	45.6	275 lbs	WC-1042	Extended Range
HP-3	CLASSROOM 516	Direct	1/2	208v/3	18.4	1450	275	0.45	30%, Pleated	4.0 min	85	8.0	7.0	40.9	30.1	59.2	60.0	8.0	45.6	275 lbs	WC-1042	Extended Range
HP-4	CLASSROOM 515	Direct	1/2	208v/3	18.4	1400	275	0.45	30%, Pleated	4.0 min	85	8.0	7.0	40.9	30.1	59.2	60.0	8.0	45.6	275 lbs	WC-1042	Extended Range

UNIT HEATER SCHEDULE - WATER

MARK NUMBER	TYPE	AIR VOL CFM	MBH	GPM	BLOWER MOTOR HP	BLOWER TYPE	MANUFACTURER	MODEL NUMBER
UH-1	VERTICAL	668	18.9	1.95	1/25	PROP	STERLING	VS-40L
UH-2	VERTICAL	668	18.9	1.95	1/25	PROP	STERLING	VS-40L

NOTE: PROVIDE LOUVER CONE DIFFUSER OPTION WITH BOTH UNITS.

FLUID COOLER SCHEDULE

MARK NUMBER	GPM	ENT H20	LVG H20	DEG F wb	FAN HP	FAN VOLT/PH	PUMP HP	PUMP VOLT/PH	STATIC WEIGHT	MANUFACTURER	MODEL #	NOTES
FLC-1	170	95	85	68	7 1/2	208/3	1/2	208/3	7430	B.A.C.	VFL-036-22J	1

NOTES:
1. PROVIDE FLUID COOLER WITH TAPERED HOOD, POSITIVE CLOSURE DAMPERS AND INSULATION.

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03/28/03
12506
James L. Cundiff
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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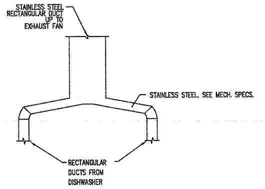
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

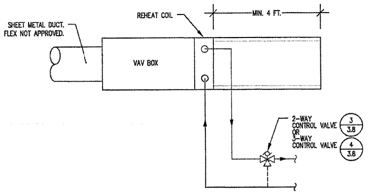
SCHEDULES - HVAC

PROJECT NUMBER 01023
DATE 04-04-03

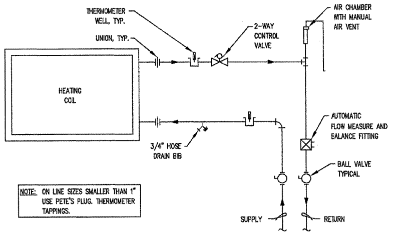
M3.7


STAINLESS STEEL RECTANGULAR DUCT UP TO EXHAUST FAN
STAINLESS STEEL. SEE MECH. SPECS.
RECTANGULAR DUCTS FROM DISHWASHER

1 M3.8 DISHWASHER DETAIL
DIAGRAMMATIC


SHEET METAL DUCT. FLEX NOT APPROVED.
REHEAT COIL
MIN. 4 FT.
VAV BOX
2-WAY CONTROL VALVE 3 3.8
OR
3-WAY CONTROL VALVE 4 3.8

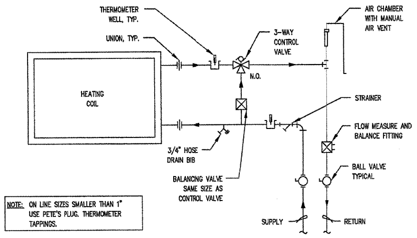
2 M3.8 VAV BOX
DIAGRAMMATIC



NOTE: ON LINE SIZES SMALLER THAN 1" USE PETE'S PLUG. THERMOMETER TAPPINGS.

3 M3.8 HEATING COIL PIPING DIAGRAM
2-WAY CONTROL VALVE

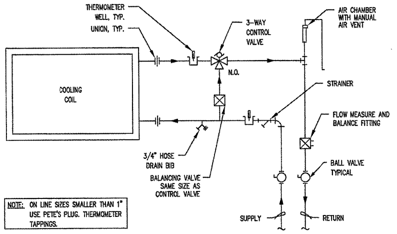
DIAGRAMMATIC



NOTE: ON LINE SIZES SMALLER THAN 1" USE PETE'S PLUG. THERMOMETER TAPPINGS.

4 M3.8 HEATING COIL PIPING DIAGRAM
3-WAY CONTROL VALVE

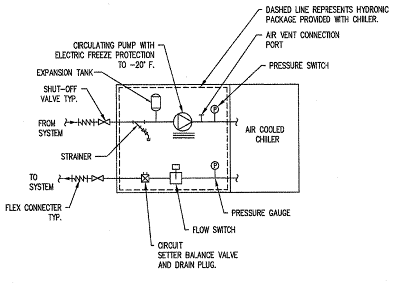
DIAGRAMMATIC



NOTE: ON LINE SIZES SMALLER THAN 1" USE PETE'S PLUG. THERMOMETER TAPPINGS.

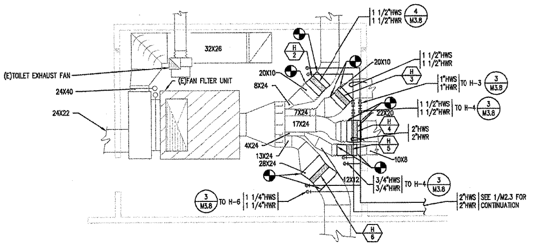
5 M3.8 COOLING COIL PIPING DIAGRAM
3-WAY CONTROL VALVE

DIAGRAMMATIC

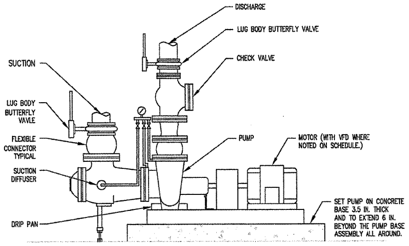

DASHED LINE REPRESENTS HYDRONIC PACKAGE PROVIDED WITH CHILLER.
AIR VENT CONNECTION PORT
CIRCULATING PUMP WITH ELECTRIC FREEZE PROTECTION TO -20° F.
PRESSURE SWITCH
EXPANSION TANK
SHUT-OFF VALVE TYP.
FROM SYSTEM
AIR COOLED CHIILER
STRAINER
TO SYSTEM
FLEX CONNECTER TYP.
PRESSURE GAUGE
FLOW SWITCH
CIRCUIT SETTER BALANCE VALVE AND DRAIN PLUG.

NOTE: IF CONTRACTOR PROVIDES CHILLER WITH SEPERATE HYDRONIC PACKAGE SUCH PROVISION WILL BE AT NO ADDITIONAL COST TO OWNER. CONTRACTOR SHALL PROVIDE REVISED LAYOUT FOR ENGINEERS REVIEW AND APPROVAL WITH EQUIPMENT SUBMITTAL.

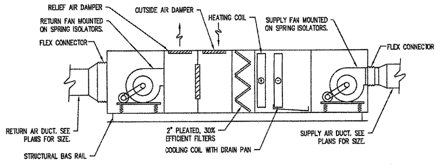
6 M3.8 AIR COOLED CHILLER DIAGRAM
DIAGRAMMATIC ONLY



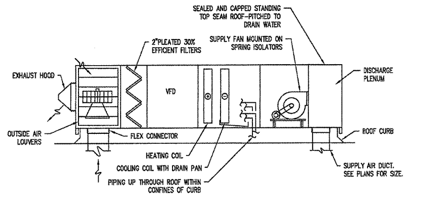
7 M3.8 BAND MEZZANINE MECHANICAL - HVAC
1/4"=1'-0"


DISCHARGE
LUG BODY BUTTERFLY VALVE
SUCTION
CHECK VALVE
LUG BODY BUTTERFLY VAVLE
FLEXIBLE CONNECTOR TYPICAL
PUMP
MOTOR (WITH VFD WHERE NOTED ON SCHEDULE.)
SUCTION DIFFUSER
SET PUMP ON CONCRETE BASE 3.5 IN. THICK AND TO EXTEND 6 IN. BEYOND THE PUMP BASE ASSEMBLY ALL AROUND.
DRIP PAN

8 M3.8 TYPICAL SUCTION PUMP
DIAGRAMMATIC


RELIEF AIR DAMPER
RETURN FAN MOUNTED ON SPRING ISOLATORS.
FLEX CONNECTOR
OUTSIDE AIR DAMPER
HEATING COIL
SUPPLY FAN MOUNTED ON SPRING ISOLATORS.
FLEX CONNECTOR
RETURN AIR DUCT. SEE PLANS FOR SIZE.
STRUCTURAL BAS RAIL
2" PLEATED, 30% EFFICIENT FILTERS
COOLING COIL WITH DRAIN PAN
SUPPLY AIR DUCT. SEE PLANS FOR SIZE.

9 M3.8 INDOOR AIR HANDLING UNIT DETAIL
DIAGRAMMATIC


SEALED AND CAPPED STANDING TOP SEAM ROOF-PITCHED TO DRAIN WATER
2"PLEATED 30% EFFICIENT FILTERS
SUPPLY FAN MOUNTED ON SPRING ISOLATORS
EXHAUST HOOD
VFD
DISCHARGE PLENUM
OUTSIDE AIR LOUVERS
FLEX CONNECTOR
ROOF CURB
HEATING COIL
COOLING COIL WITH DRAIN PAN
PIPING UP THROUGH ROOF WITHIN CONFINES OF CURB
SUPPLY AIR DUCT. SEE PLANS FOR SIZE.

10 M3.8 ROOFTOP AIR HANDLING UNIT DETAIL
DIAGRAMMATIC

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03/28/03
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12606
OREGON
JULY 13, 1984
JAMES L. CUNDIFF
James L. Cund
EXPIRES 12/31/03

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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DETAILS - HVAC

PROJECT NUMBER	DATE
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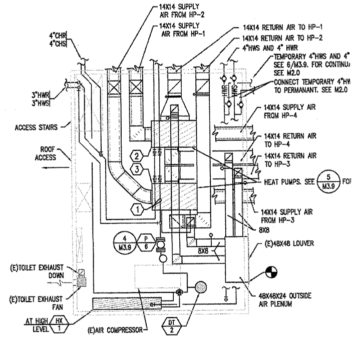
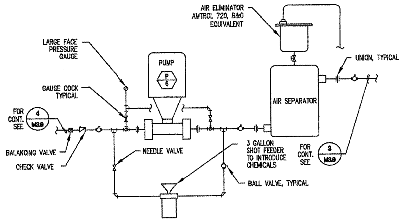
M3.8



1 MEZZ. HEAT PUMP MECHANICAL ROOM
M3.9
1/4"=1'-0"

NOTES THIS DETAIL ⬡

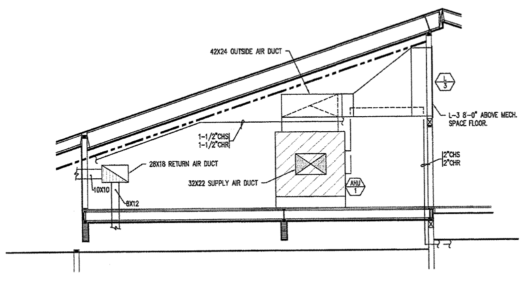
1. 2" HWS AND 2" HWR SERVE HEAT PUMPS, HP-1, HP-2, HP-3, AND HP-4.
2. HP-1 MOUNTED ABOVE HP-4. PROVIDE STRUCTURAL STEEL SUPPORT FRAME.
3. HP-2 MOUNTED ABOVE HP-3. PROVIDE STRUCTURAL STEEL SUPPORT FRAME.



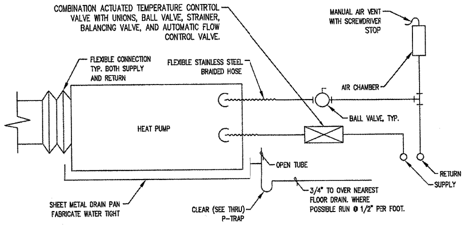
4 PUMP/AIR SEPARATOR
M3.9
DIAGRAMMATIC

PHASING NOTES

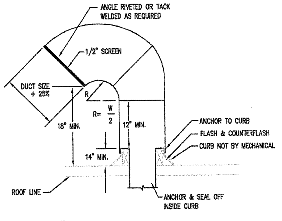
1. REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.



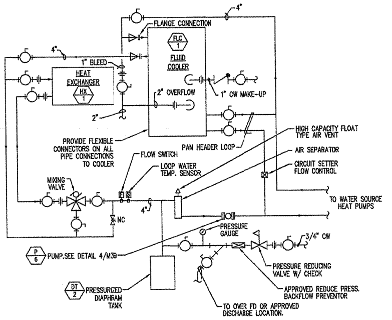
2 EAST MECHANICAL SPACE SECTION
M3.9
1/4"=1'-0"


COMBINATION ACTUATED TEMPERATURE CONTRTOL VALVE WITH UNIONS, BALL VALVE, STRAINER, BALANCING VALVE, AND AUTOMATIC FLOW CONTROL VALVE.
MANUAL AIR VENT WITH SCREWDRIVER STOP
FLEXIBLE CONNECTION TYP. BOTH SUPPLY AND RETURN
FLEXIBLE STAINLESS STEEL BRAIDED HOSE
AIR CHAMBER
HEAT PUMP
BALL VALVE, TYP.
OPEN TUBE
RETURN
SUPPLY
3/4" TO OVER NEAREST FLOOR DRAIN. WHERE POSSIBLE RUN @ 1/2" PER FOOT.
SHEET METAL DRAIN PAN FABRICATE WATER TIGHT
CLEAR (SEE THRU) P-TRAP

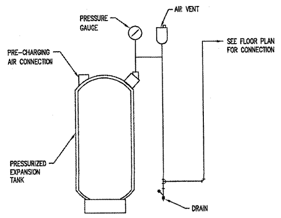
5 WSHP-TYPICAL PIPING
M3.9
DIAGRAMMATIC



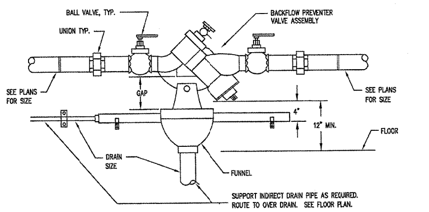
8 WATER LOOP SCHEMATIC
M3.9
DIAGRAMMATIC


4"
FLANGE CONNECTION
FLC 1
FLUID COOLER
4"
1" BLEED
HEAT EXCHANGER
HX 1
1" CW MAKE-UP
2" OVERFLOW
2"
PROVIDE FLEXIBLE CONNECTORS ON ALL PIPE CONNECTIONS TO COOLER
PAN HEADER LOOP
HIGH CAPACITY FLOAT TYPE AIR VENT
AIR SEPARATOR
CIRCUIT SETTER FLOW CONTROL
FLOW SWITCH
LOOP WATER TEMP. SENSOR
MIXING VALVE
NC
4"
TO WATER SOURCE HEAT PUMPS
PRESSURE GAUGE
3/4" CW
P 6
PUMP.SEE DETAIL 4/M39
PRESSURE REDUCING VALVE W/ CHECK
DT 2
PRESSURIZED DIAPHRAM TANK
APPROVED REDUCE PRESS. BACKFLOW PREVENTOR
TO OVER FD OR APPROVED DISCHARGE LOCATION.

3 WATER LOOP SCHEMATIC
M3.9
DIAGRAMMATIC


PRESSURE GAUGE
AIR VENT
PRE-CHARGING AIR CONNECTION
SEE FLOOR PLAN FOR CONNECTION
PRESSURIZED EXPANSION TANK
DRAIN

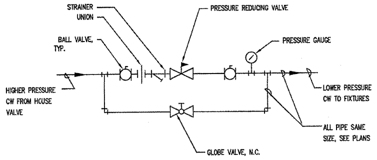
7 WATER LOOP SCHEMATIC
M3.9
DIAGRAMMATIC


BALL VALVE, TYP.
UNION TYP.
BACKFLOW PREVENTER VALVE ASSEMBLY
SEE PLANS FOR SIZE
GAP
SEE PLANS FOR SIZE
4"
12" MIN.
FLOOR
DRAIN SIZE
FUNNEL
SUPPORT INDIRECT DRAIN PIPE AS REQUIRED. ROUTE TO OVER DRAIN. SEE FLOOR PLAN.

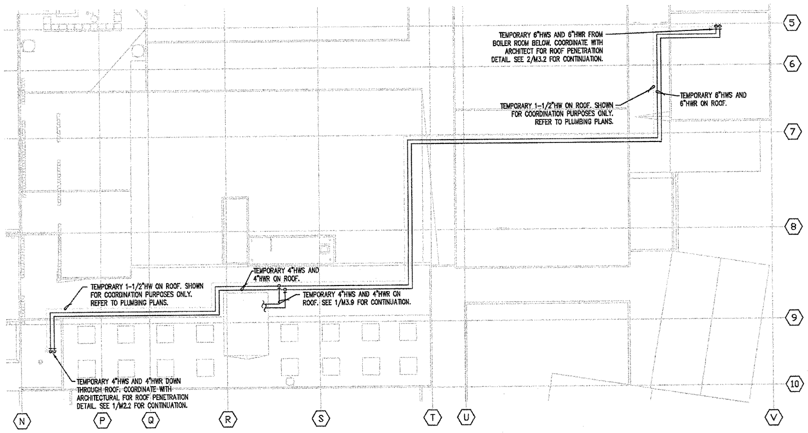
WHERE APPROPRIATE (LIMITED SPACE) A 16 ga. GALVANIZED CATCH PAN WITH DRAIN LINE (SEE DASHED) MAY BE SUBSTITUTED FOR THE FUNNEL

CW SUPPLY AND DEVICE SIZE (INCHES)	GAP (INCHES)	DRAIN SIZE (INCHES)
3/4 – 1 1/4	2	1
1 1/2, 2	2 3/4	1
2 1/2 – 10	5 3/4	2

8 REDUCED PRESSURE BACKFLOW PREVENTER
M3.9
DIAGRAMMATIC


STRAINER
UNION
PRESSURE REDUCING VALVE
BALL VALVE, TYP.
PRESSURE GAUGE
HIGHER PRESSURE CW FROM HOUSE VALVE
LOWER PRESSURE CW TO FIXTURES
ALL PIPE SAME SIZE, SEE PLANS
GLOBE VALVE, N.C.

9 PRESSURE REDUCING VALVE
M3.9
DIAGRAMMATIC


TEMPORARY 6"HWS AND 6"HWR FROM BOILER ROOM BELOW. COORDINATE WITH ARCHITECT FOR ROOF PENETRATION DETAIL. SEE 2/M3.2 FOR CONTINUATION.
TEMPORARY 1-1/2"HW ON ROOF. SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO PLUMBING PLANS.
TEMPORARY 6"HWS AND 6"HWR ON ROOF.
TEMPORARY 4"HWS AND 4"HWR ON ROOF.
TEMPORARY 4"HWS AND 4"HWR ON ROOF. SEE 1/M3.9 FOR CONTINUATION.
TEMPORARY 1-1/2"HW ON ROOF. SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO PLUMBING PLANS.
TEMPORARY 4"HWS AND 4"HWR DOWN THROUGH ROOF. COORDINATE WITH ARCHITECTURAL FOR ROOF PENETRATION DETAIL. SEE 1/M2.2 FOR CONTINUATION.
5
6
7
8
9
10
N
P
Q
R
S
T
U
V

6 TEMPORARY ROOFTOP PIPING PLAN - HVAC
M3.9
1/16"=1'-0"

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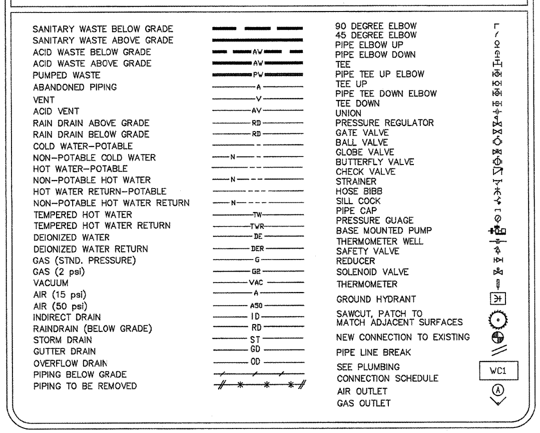
DETAILS - HVAC

PROJECT NUMBER 01023
DATE 04-04-03

M3.9

PIPING LEGEND

THIS LEGEND REFLECTS THE GENERALLY USED SYMBOLS BY ACCIPIO INC. SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT BE REFLECTED ON THE DRAWINGS.



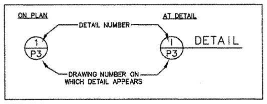
SANITARY WASTE BELOW GRADE	
SANITARY WASTE ABOVE GRADE	
ACID WASTE BELOW GRADE	AW
ACID WASTE ABOVE GRADE	AW
PUMPED WASTE	PW
ABANDONED PIPING	A
VENT	V
ACID VENT	AV
RAIN DRAIN ABOVE GRADE	RD
RAIN DRAIN BELOW GRADE	RD
COLD WATER–POTABLE	
NON–POTABLE COLD WATER	N
HOT WATER–POTABLE	
NON–POTABLE HOT WATER	N
HOT WATER RETURN–POTABLE	
NON–POTABLE HOT WATER RETURN	N
TEMPERED HOT WATER	TW
TEMPERED HOT WATER RETURN	TWR
DEIONIZED WATER	DE
DEIONIZED WATER RETURN	DER
GAS (STND. PRESSURE)	G
GAS (2 psi)	G2
VACUUM	VAC
AIR (15 psi)	A
AIR (50 psi)	A50
INDIRECT DRAIN	ID
RAINDRAIN (BELOW GRADE)	RD
STORM DRAIN	ST
GUTTER DRAIN	GD
OVERFLOW DRAIN	OD
PIPING BELOW GRADE	
PIPING TO BE REMOVED	

90 DEGREE ELBOW	
45 DEGREE ELBOW	
PIPE ELBOW UP	
PIPE ELBOW DOWN	
TEE	
PIPE TEE UP ELBOW	
TEE UP	
PIPE TEE DOWN ELBOW	
TEE DOWN	
UNION	
PRESSURE REGULATOR	
GATE VALVE	
BALL VALVE	
GLOBE VALVE	
BUTTERFLY VALVE	
CHECK VALVE	
STRAINER	
HOSE BIBB	
SILL COCK	
PIPE CAP	
PRESSURE GUAGE	
BASE MOUNTED PUMP	
THERMOMETER WELL	
SAFETY VALVE	
REDUCER	
SOLENOID VALVE	
THERMOMETER	
GROUND HYDRANT	
SAWCUT, PATCH TO MATCH ADJACENT SURFACES	
NEW CONNECTION TO EXISTING	
PIPE LINE BREAK	
SEE PLUMBING CONNECTION SCHEDULE	WC1
AIR OUTLET	A
GAS OUTLET	

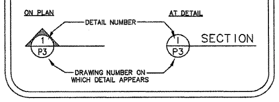
ABBREVIATIONS:

CI	CAST IRON
CLG.	CEILING
CO	CLEAN OUT
COTG	CLEAN OUT TO GRADE
CSP	CONCRETE SEWER PIPE
CW	COLD WATER
DN	DOWN
DS	DOWN SPOUT
(E)	EXISTING
FF	FINISH FLOOR
FLR.	FLOOR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
ID	INDIRECT DRAIN
IE	INVERT ELEVATION
IJS	IN JOIST SPACE
I.W.	INTERLOCK WITH
ORD	OVERFLOW ROOF DRAIN
PSI	POUNDS PER SQUARE INCH
SPECS.	SPECIFICATIONS
SWP	SWITCH WITH PILOT LIGHT
TS	TIME SWITCH
TW	TEMPERED HOT WATER
TWR	TEMPERED HOT WATER RETURN
VTR	VENT THROUGH ROOF
WCO	WALL CLEAN OUT

DETAIL INDICATOR



SECTION INDICATOR



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DP2.2 CORE FLOOR PLAN - DEMO - PLUMBING
DP2.3 EAST FLOOR PLAN - DEMO - PLUMBING
P2.0 PHASING PLAN - PLUMBING
P2.1 WEST FLOOR PLAN - PLUMBING
P2.2 CORE FLOOR PLAN - PLUMBING
P2.3 EAST FLOOR PLAN - PLUMBING
P2.4 PARTIAL FLOOR PLANS - PLUMBING
P2.5 BOILER ROOM PLANS - PLUMBING
P3.1 PLUMBING CONNECTION SCHEDULE
P3.2 DETAILS - PLUMBING
P3.3 DETAILS AND TEMPORARY PIPING PLAN - PLUMBING

GAS CONNECTION SCHEDULE - PHASE III

HIGH SCHOOL SUBMETER BRANCH

MARK NUMBER	DESCRIPTION	LOCATION	INPUT, MBH
WH3A	WATER HEATER	EXISTING BOILER ROOM 622	199
WH3B	WATER HEATER	EXISTING BOILER ROOM 622	199
WH3C	WATER HEATER	EXISTING BOILER ROOM 622	199
WH3D	WATER HEATER	EXISTING BOILER ROOM 622	199
WH4A	WATER HEATER	MECH. 106	199
WH4B	WATER HEATER	MECH. 106	199
WH4C	WATER HEATER	MECH. 106	199
HVU8	HEATING & VENTILATING UNIT	ROOF	180
HVU9	HEATING & VENTILATING UNIT	ROOF	780
MAU1	GAS–FIRED MAKEUP AIR UNIT	ROOF	224
B2	BOILER	EXISTING BOILER ROOM 622	3,750
B3	BOILER	EXISTING BOILER ROOM 622	3,750
---	EXISTING CLOTHES DRYERS	LAUNDRY 623	665
---	EXISTING BOILER	EXISTING BOILER ROOM 622	4,718 *
---	KITCHEN EQUIPMENT	KITCHEN	580
		SUBTOTAL LOAD	16,040**
		SUBTOTAL LOAD	11,322
		EXIST. GYMNASIUM BUILDING LOAD	4,569
		EXISTING PHASE II BUILDING LOAD	2,118
		TOTAL LOAD	22,727**
		TOTAL LOAD	18,009

LINN-BENTON COMM. COLL. SUBMETER BRANCH

MARK NUMBER	DESCRIPTION	LOCATION	INPUT, MBH
AC1	AC UNIT	ROOF	90
AC2	AC UNIT	ROOF	90
AC3	AC UNIT	ROOF	90
AC4	AC UNIT	ROOF	90
AC5	AC UNIT	ROOF	90
AC6	AC UNIT	ROOF	69
		TOTAL LOAD	519
		TOTAL METER LOAD	23,246**
		TOTAL LOAD	18,528

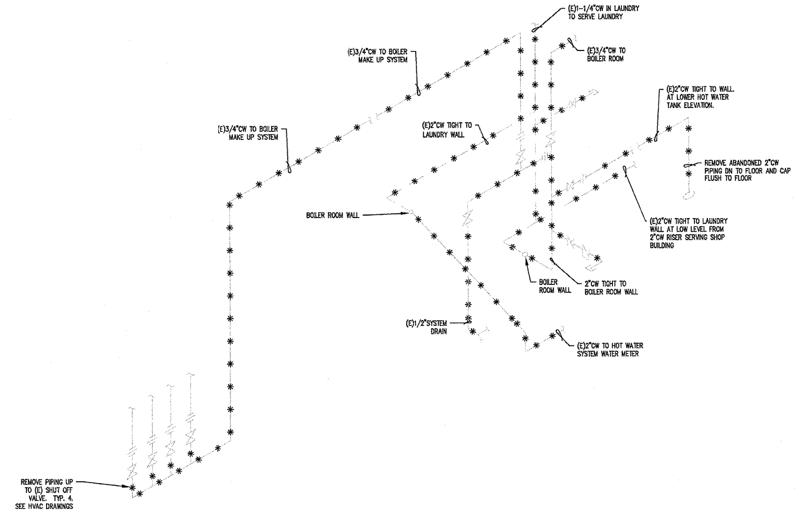
* ESTIMATED EXISTING GAS INPUT. CONTRACTOR TO FIELD VERIFY.

** ESTIMATED MAXIMUM GAS LOAD DURING CONSTRUCTION. TOTALS ON LINE IMMEDIATELY BELOW ARE ESTIMATED GAS LOADS AT COMPLETION OF PROJECT.

PRIMER VALVE NOTES:

PRIMER VALVE LOCATIONS ARE AT THE DISCRETION OF THE INSTALLING CONTRACTOR WITH THE FOLLOWING ACCEPTED PRACTICES AND GENERAL LOCATIONS:

1. PRIMER VALVES MAY BE INSTALLED EXPOSED IN THE NEAREST AVAILABLE JANITORS/CUSTODIAL CLOSETS, MECHANICAL ROOMS, OR SIMILAR SPACES NOT DESIGNATED FOR GENERAL BUILDING OCCUPANCY.
2. PRIMER VALVES MAY BE INSTALLED IN A FINISHED WALL IN THE SAME SPACES AS THE FLOOR DRAIN(S) BEING SERVED. VALVE IN A FINISHED WALL TO BE BEHIND AN ACCESS PANEL IN A LOCATION ACCEPTABLE TO THE ARCHITECT. ACCESS PANELS TO HAVE TAMPER PROOF SCREWS AND A LOCKING MECHANISM.
3. PRIMER VALVES ARE TO BE ACCESSIBLE.
4. MULTIPLE PRIMER VALVES INSTALLED IN THE SAME SPACE SHOULD BE GROUPED FOR EASY IDENTIFICATION.
5. LABEL PRIMER VALVES PER SPECIFICATIONS.


(E)1-1/4"CW IN LAUNDRY TO SERVE LAUNDRY
(E)3/4"CW TO BOILER MAKE UP SYSTEM
(E)3/4"CW TO BOILER ROOM
(E)2"CW TIGHT TO WALL. AT LOWER HOT WATER TANK ELEVATION.
(E)3/4"CW TO BOILER MAKE UP SYSTEM
(E)2"CW TIGHT TO LAUNDRY WALL
REMOVE ABANDONED 2"CW PIPING DN TO FLOOR AND CAP FLUSH TO FLOOR
BOILER ROOM WALL
(E)2"CW TIGHT TO LAUNDRY WALL AT LOW LEVEL FROM 2"CW RISER SERVING SHOP BUILDING
BOILER ROOM WALL
2"CW TIGHT TO BOILER ROOM WALL
(E)1/2"SYSTEM DRAIN
(E)2"CW TO HOT WATER SYSTEM WATER METER
REMOVE PIPING UP TO (E) SHUT OFF VALVE. TYP. 4. SEE HVAC DRAWINGS

1 / P0.0 **BOILER COLD WATER MAIN**

DIAGRAMMATIC

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03/28/03
REGISTERED PROFESSIONAL ENGINEER 12606 OREGON JULY 13, 1984 JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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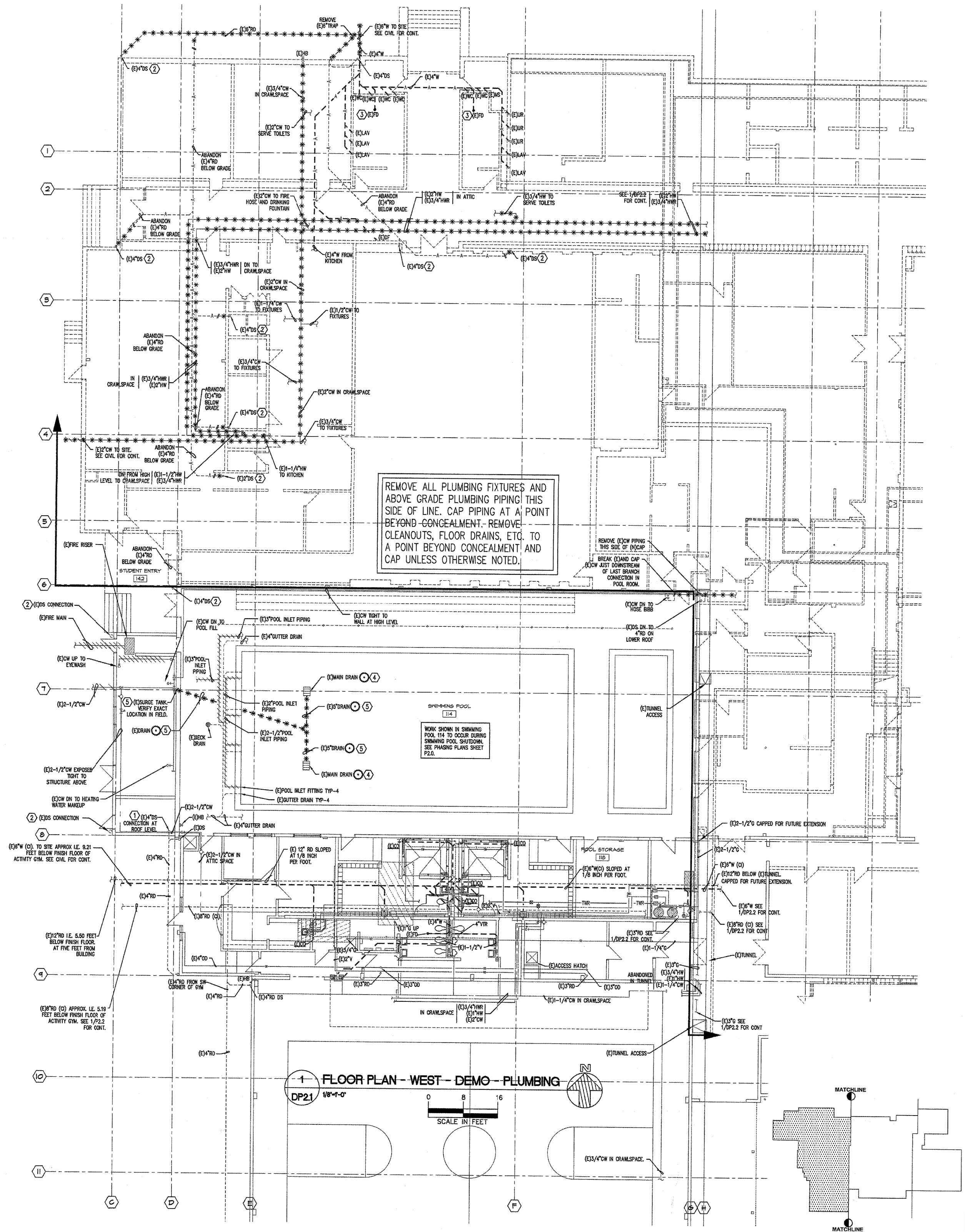
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

COVER SHEET
PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

P0.0


(E)6"RD
REMOVE (E)6"TRAP
(E)6"W TO SITE SEE CIVIL FOR CONT.
(E)4"W
(E)4"DS ②
(E)HB
(E)4"DS
(E)3/4"CW IN CRAWLSPACE
(E)2"CW TO SERVE TOILETS
③(E)FD
(E)LAV
(E)UR
ABANDON (E)4"RD BELOW GRADE
(E)2"CW TO FIRE HOSE AND DRINKING FOUNTAIN
(E)2"HW (E)3/4"HWR
IN ATTIC
(E)3/4"HW TO SERVE TOILETS
SEE 1/DP2.2 FOR CONT.
(E)4"W FROM KITCHEN
(E)3/4"HWR (E)2"HW DN TO CRAWLSPACE
(E)2"CW IN CRAWLSPACE
(E)1-1/4"CW TO FIXTURES
(E)1/2"CW TO FIXTURES
(E)3/4"CW TO FIXTURES
IN CRAWLSPACE (E)3/4"HWR (E)2"HW
(E)2"CW IN CRAWLSPACE
(E)2"CW TO SITE. SEE CIVIL FOR CONT.
DN FROM HIGH LEVEL TO CRAWLSPACE
(E)1-1/2"HW (E)3/4"HWR
(E)1-1/4"HW TO KITCHEN
(E)2"DS ②
(E)FIRE RISER
STUDENT ENTRY 142
REMOVE (E)CW PIPING THIS SIDE OF (N)CAP
BREAK (E)AND CAP (E)CW JUST DOWNSTREAM OF LAST BRANCH CONNECTION IN POOL ROOM.
(E)CW DN TO HOSE BIBB
(E)DS. DN TO 4"RD ON LOWER ROOF
② (E)DS CONNECTION
(E)FIRE MAIN
(E)CW DN TO POOL FILL
(E)3"POOL INLET PIPING
(E)CW TIGHT TO WALL AT HIGH LEVEL
(E)4"GUTTER DRAIN
(E)CW UP TO EYEWASH
(E)3"POOL INLET PIPING
(E)MAIN DRAIN ④
(E)5"DRAIN ⑤
SWIMMING POOL 114
WORK SHOWN IN SWIMMING POOL 114 TO OCCUR DURING SWIMMING POOL SHUTDOWN. SEE PHASING PLANS SHEET P2.0.
(E)TUNNEL ACCESS
(E)2-1/2"CW
⑤ (E)SURGE TANK-VERIFY EXACT LOCATION IN FIELD.
(E)2"POOL INLET PIPING
(E)2-1/2"POOL INLET PIPING
(E)DRAIN ⑤
(E)DECK DRAIN
(E)2-1/2"CW EXPOSED TIGHT TO STRUCTURE ABOVE
(E)POOL INLET FITTING TYP-4
(E)GUTTER DRAIN TYP-4
(E)CW DN TO HEATING WATER MAKEUP
① (E)4"DS CONNECTION AT ROOF LEVEL
(E)HB
(E)DS
(E)4"GUTTER DRAIN
(E)2-1/2"G CAPPED FOR FUTURE EXTENSION
(E)6"W (CI). TO SITE APPROX I.E. 9.21 FEET BELOW FINISH FLOOR OF ACTIVITY GYM. SEE CIVIL FOR CONT.
(E)4"RD
(E)2-1/2"CW IN ATTIC SPACE
(E) 12" RD SLOPED AT 1/8 INCH PER FOOT.
POOL STORAGE 116
(E)8"W(CI) SLOPED AT 1/8 INCH PER FOOT.
(E)2-1/2"G
(E)6"W (CI)
(E)12"RD BELOW (E)TUNNEL. CAPPED FOR FUTURE EXTENSION.
(E)6"W SEE 1/DP2.2 FOR CONT.
(E)8"RD (CI) SEE 1/DP2.2 FOR CONT
(E)12"RD I.E. 5.50 FEET BELOW FINISH FLOOR. AT FIVE FEET FROM BUILDING
(E)3"RD SEE 1/DP2.2 FOR CONT.
(E)1-1/4"G
(E)TUNNEL
(E)3"G UP
(E)3"RD
(E)4"CO
(E)1-1/2"V
(E)ACCESS HATCH
ABANDONED IN TUNNEL
(E)3"G (E)3/4"HW (E)1"HW
(E)4"RD FROM SW CORNER OF GYM
(E)HB
(E)4"RD DS
(E)3"CO
IN CRAWLSPACE (E)3/4"HWR (E)1"HW (E)2"CW
(E)1-1/4"CW IN CRAWLSPACE
(E)8"RD (CI) APPROX. I.E. 5.19 FEET BELOW FINISH FLOOR OF ACTIVITY GYM. SEE 1/P2.2 FOR CONT.
(E)3"G SEE 1/DP2.2 FOR CONT
(E)TUNNEL ACCESS
(E)3/4"CW IN CRAWLSPACE.
1
2
3
4
5
6
7
8
9
10
11
C
D
E
F
G
H
N
0
8
16
SCALE IN FEET
MATCHLINE
MATCHLINE

REMOVE ALL PLUMBING FIXTURES AND ABOVE GRADE PLUMBING PIPING THIS SIDE OF LINE. CAP PIPING AT A POINT ~~BEYOND CONCEALMENT. REMOVE~~ CLEANOUTS, FLOOR DRAINS, ETC. TO A POINT BEYOND CONCEALMENT AND CAP UNLESS OTHERWISE NOTED.

1 FLOOR PLAN - WEST - DEMO - PLUMBING
DP2.1 1/8"=1'-0"

SAWCUT NOTE : ⊙

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

GENERAL NOTES

1 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

2 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

3 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

4 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

5 USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.

6 PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.

7 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

NOTES THIS SHEET ⬡

1 REMOVE (E)DS CONNECTION AND ASSOCIATED PIPING TO A POINT BEYOND CONCEALMENT AND CAP.

2 SAME AS NOTE 1 EXCEPT DOWNSPOUT.

3 REMOVE (E)FLOOR DRAIN AND ASSOCIATED PIPING TO A POINT BEYOND CONCEALMENT.

4 REMOVE (E)MAIN POOL DRAIN AND ASSOCIATED PIPING FOR INSTALLATION OF NEW. SEE 1/P2.1 FOR NEW.

5 REMOVE MAIN POOL DRAIN BACK TO SURGE TANK INLET FITTING FOR INSTALLATION OF NEW. SEE 1/P2.1.

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OREGON
JULY 13, 1984
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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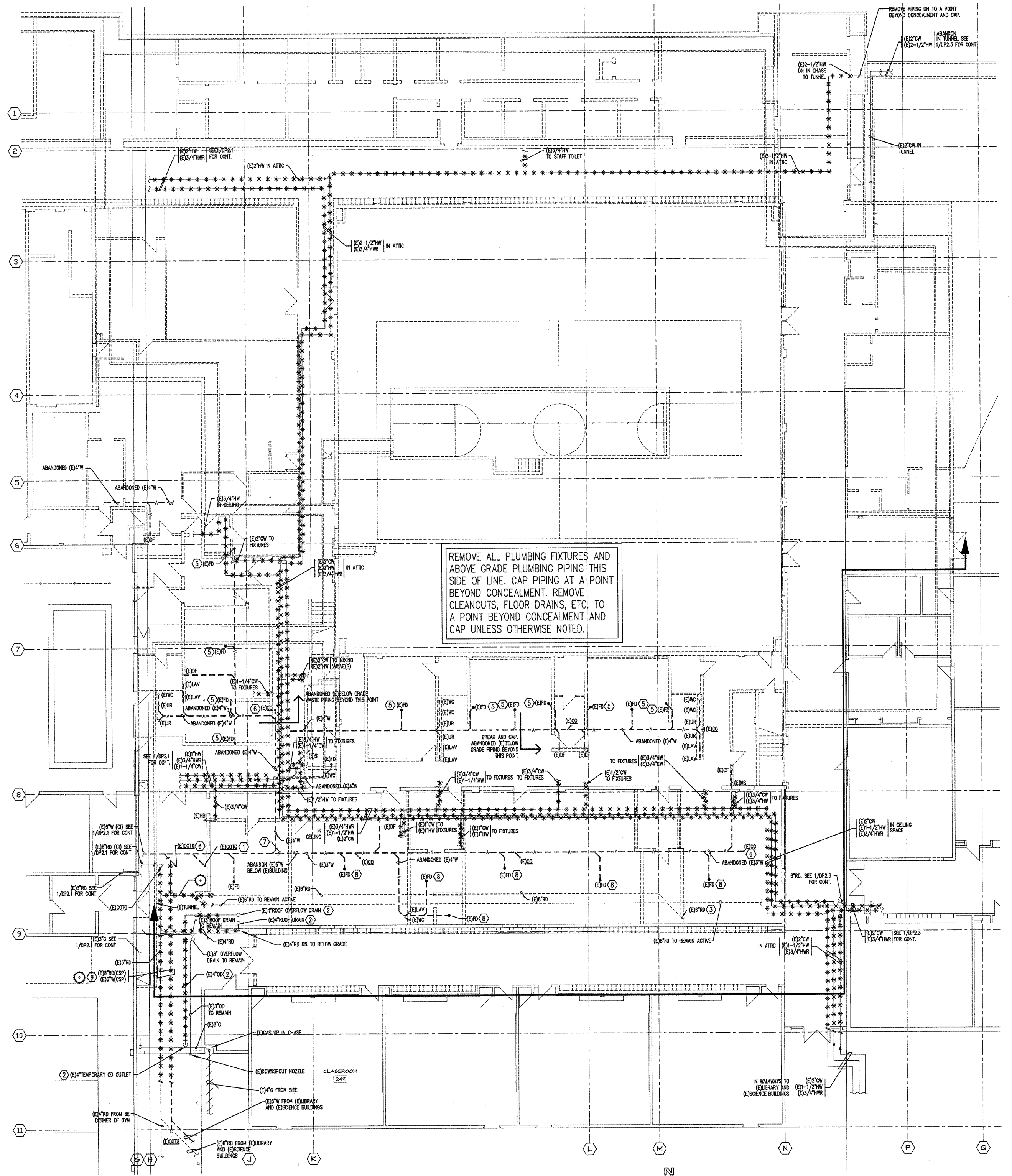
FLOOR PLAN -
WEST - DEMO -
PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

DP2.1



REMOVE ALL PLUMBING FIXTURES AND ABOVE GRADE PLUMBING PIPING THIS SIDE OF LINE. CAP PIPING AT A POINT BEYOND CONCEALMENT. REMOVE CLEANOUTS, FLOOR DRAINS, ETC. TO A POINT BEYOND CONCEALMENT AND CAP UNLESS OTHERWISE NOTED.

1
DP2.2

FLOOR PLAN - CORE - DEMO - PLUMBING

1/8"=1'-0"

0 8 16
SCALE IN FEET

GENERAL NOTES

1. ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.
2. MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.
3. WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.
4. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.
5. USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.
6. PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.
7. LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.
8. FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.
9. COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

NOTES THIS SHEET ⬡

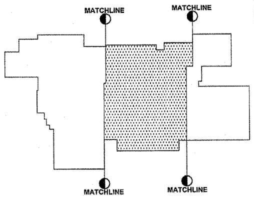
1. REMOVE (E)CLEANOUT FOR INSTALLATION OF NEW. SEE 1/P2.2.
2. REMOVE ROOF DRAIN, OVERFLOW DRAIN AND ASSOCIATED TEMPORARY PIPING FOR THE INSTALLATION OF NEW. SEE 1/P2.2 FOR NEW.
3. SAME AS NOTE 2 EXCEPT ROOF DRAIN.
4. ABANDON (E)PIPING IN PLACE.
5. REMOVE (E)FLOOR DRAIN AND ASSOCIATED PIPING TO A POINT BEYOND CONCEALMENT AND CAP.
6. REMOVE (E)CLEANOUT AND ASSOCIATED PIPING TO A POINT BEYOND CONCEALMENT AND CAP.
7. BREAK AND CAP PIPING TO ABANDONED WASTE PIPING.
8. REMOVE FLOOR DRAIN STRAINER, FILL PIPING WITH CONCRETE AND FINISH SURFACE PER ARCHITECTS REQUIREMENTS.
9. REMOVE (E)CSP PIPING TO A POINT 5 FEET BEYOND BUILDING FOOTPRINT FOR THE INSTALLATION OF NEW. SEE 1/P2.1 FOR NEW.

PHASING NOTES

1. REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

SAWCUT NOTE :

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.



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EXPIRES 12/31/03

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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FLOOR PLAN -
CORE - DEMO -
PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

DP2.2

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03/28/03
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JULY 13, 1984
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James L. Cundiff
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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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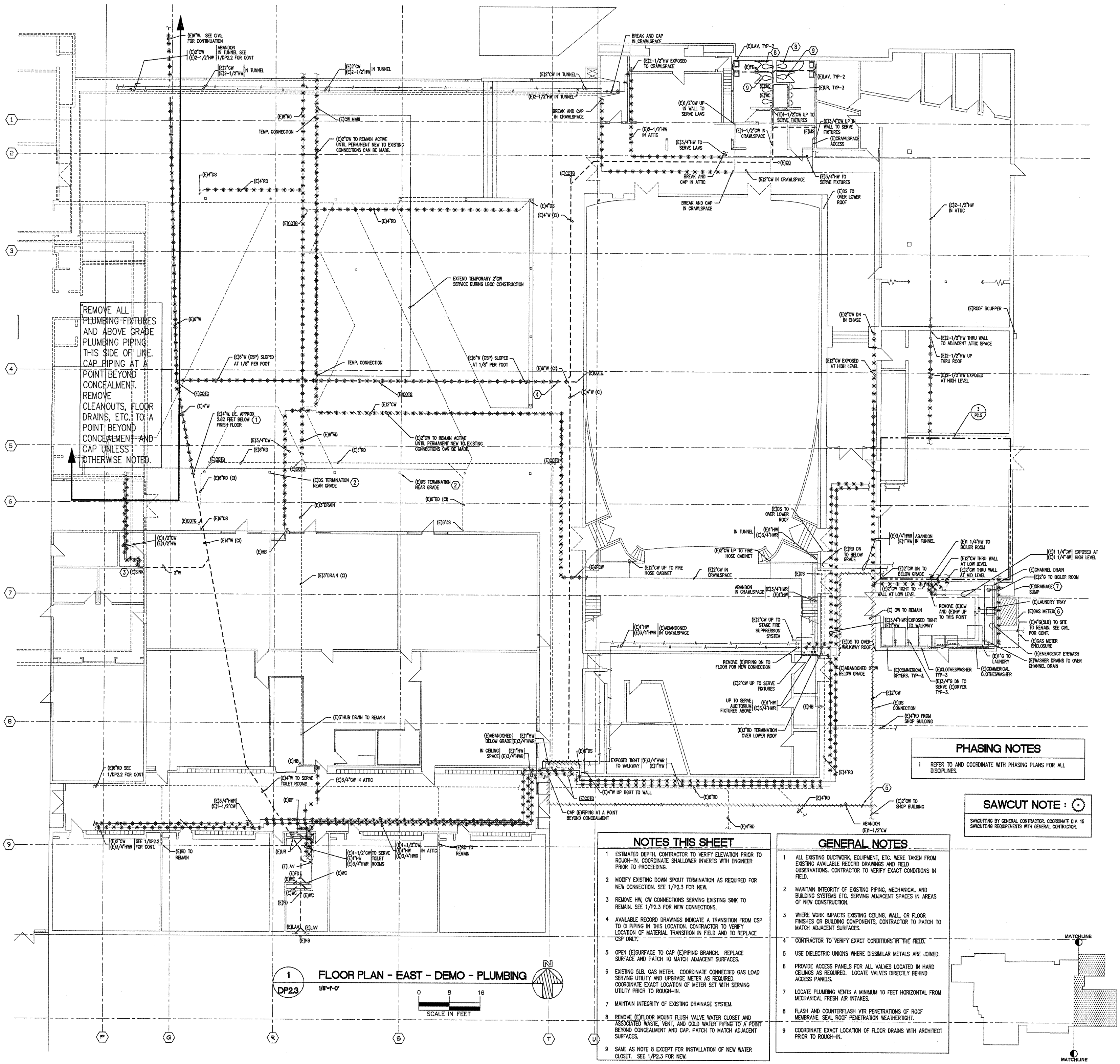
FLOOR PLAN -
EAST - DEMO -
PLUMBING

PROJECT NUMBER 01023
DATE 04-04-03

DP2.3


(E)6"W. SEE CIVIL FOR CONTINUATION
(E)2"CW (E)2-1/2"HW ABANDON IN TUNNEL SEE 1/DP2.2 FOR CONT
(E)2"CW (E)2-1/2"HW IN TUNNEL
(E)2"CW (E)2-1/2"HW IN TUNNEL
(E)2"CW IN TUNNEL
(E)2-1/2"HW IN TUNNEL
BREAK AND CAP IN CRAWLSPACE
(E)8"RD
(E)CW MAIN
TEMP. CONNECTION
(E)2"CW TO REMAIN ACTIVE UNTIL PERMANENT NEW TO EXISTING CONNECTIONS CAN BE MADE.
(E)4"DS
(E)4"RD
(E)COTG
(E)4"RD
(E)4"DS
(E)4"W (CI)
EXTEND TEMPORARY 2"CW SERVICE DURING LBCC CONSTRUCTION
(E)6"W
(E)6"W (CSP) SLOPED AT 1/8" PER FOOT
TEMP. CONNECTION
(E)6"W (CSP) SLOPED AT 1/8" PER FOOT
(E)6"W (CI)
(E)COTG
(E)4"W (CI)
(E)COTG
(E)4"W
(E)4"W, I.E. APPROX 2.82 FEET BELOW FINISH FLOOR 1
(E)2"CW
(E)2"CW TO REMAIN ACTIVE UNTIL PERMANENT NEW TO EXISTING CONNECTIONS CAN BE MADE.
(E)3/4"CW
(E)8"RD
(E)6"RD
(E)6"RD
(E)DS TERMINATION NEAR GRADE 2
(E)DS TERMINATION NEAR GRADE 2
(E)6"RD (CI)
(E)6"RD (CI)
(E)3"DRAIN
(E)6"DS
(E)6"DS
(E)1/2"CW (E)1/2"HW
(E)4"W (CI)
(E)HB
3 (E)SINK
2"W
(E)3"DRAIN (CI)
(E)3"HUB DRAIN TO REMAIN
(E)6"RD SEE 1/DP2.2 FOR CONT
(E)HB
(E)4"W TO SERVE TOILET ROOMS
(E)3/4"CW IN ATTIC
(E)DF
(E)3/4"HWR (E)1-1/2"CW
(E)2"CW (E)3/4"HWR SEE 1/DP2.2 FOR CONT.
(E)RD TO REMAIN
(E)UR
(E)LAV
(E)FD
(E)WC
(E)WC
(E)WC
(E)WC
(E)FD
(E)LAV (E)LAV
(E)HB
(E)1-1/2"CW (E)1"HW (E)3/4"HWR TO SERVE TOILET ROOMS
(E)1-1/2"CW (E)1"HW (E)3/4"HWR IN ATTIC
(E)RD TO REMAIN
(E)ABANDONED BELOW GRADE (E)1"HW (E)3/4"HWR
IN CEILING SPACE (E)1"HW (E)3/4"HWR
(E)6"DS
EXPOSED TIGHT TO WALKWAY (E)3/4"HWR (E)1"HW
(E)COTG
(E)4"W UP TIGHT TO WALL
CAP (E)PIPING AT A POINT BEYOND CONCEALMENT
(E)6"RD
(E)4"RD
(E)4"RD
5
(E)2"CW TO SHOP BUILDING
ABANDON (E)1-1/2"CW
(E)LAV, TYP-2
8
8
9
9
(E)FD
(E)WC
(E)WC
(E)LAV, TYP-2
(E)UR, TYP-3
(E)2-1/2"HW EXPOSED TO CRAWLSPACE
BREAK AND CAP IN CRAWLSPACE
(E)1/2"CW UP IN WALL TO SERVE LAVS
(E)1-1/2"CW UP TO SERVE FIXTURES
(E)2-1/2"HW IN ATTIC
(E)1-1/2"CW IN CRAWLSPACE
(E)MS
(E)3/4"CW UP IN WALL TO SERVE FIXTURES
(E)CRAWLSPACE ACCESS
(E)3/4"HW TO SERVE LAVS
(E)CO
BREAK AND CAP IN ATTIC
(E)2"CW IN CRAWLSPACE
(E)3/4"HW TO SERVE FIXTURES
BREAK AND CAP IN CRAWLSPACE
(E)DS TO OVER LOWER ROOF
(E)2-1/2"HW IN ATTIC
(E)ROOF SCUPPER
(E)2"CW DN IN CHASE
(E)2-1/2"HW THRU WALL TO ADJACENT ATTIC SPACE
(E)2-1/2"HW UP THRU ROOF
(E)2"CW EXPOSED AT HIGH LEVEL
(E)2-1/2"HW EXPOSED AT HIGH LEVEL
3 P2.5
(E)DS TO OVER LOWER ROOF
IN TUNNEL (E)1"HW (E)3/4"HWR
(E)2"CW UP TO FIRE HOSE CABINET
(E)2"CW UP TO FIRE HOSE CABINET
(E)2"CW
(E)2"CW IN CRAWLSPACE
(E)RD DN TO BELOW GRADE
(E)DS
(E)3/4"HWR (E)1"HW ABANDON IN TUNNEL
(E)1 1/4"HW TO BOILER ROOM
(E)2"CW THRU WALL AT LOW LEVEL
(E)2"CW THRU WALL AT MID LEVEL
(E)2"CW DN TO BELOW GRADE
(E)2"CW TIGHT TO WALL AT LOW LEVEL
(E)1 1/4"CW (E)1 1/4"HW EXPOSED AT HIGH LEVEL
(E)CHANNEL DRAIN
(E)2"G TO BOILER ROOM
(E)DRAINAGE SUMP 7
(E)LAUNDRY TRAY
(E)GAS METER 6
(E)4"G(5LB) TO SITE TO REMAIN. SEE CIVIL FOR CONT.
(E)GAS METER ENCLOSURE
(E)EMERGENCY EYEWASH
(E)WASHER DRAINS TO OVER CHANNEL DRAIN
ABANDON IN CRAWLSPACE (E)3/4"HWR (E)1"HW
(E) CW TO REMAIN
REMOVE (E)CW AND (E)HW UP TO THIS POINT
(E)3/4"HWR (E)1"HW EXPOSED TIGHT TO WALKWAY
(E)1"HW (E)3/4"HWR (E)ABANDONED IN CRAWLSPACE
(E)2"CW UP TO STAGE FIRE SUPPRESSION SYSTEM
(E)DS TO OVER WALKWAY ROOF
REMOVE (E)PIPING DN TO FLOOR FOR NEW CONNECTION
(E)ABANDONED 2"CW BELOW GRADE
(E)1"G TO LAUNDRY
(E)COMMERICAL DRYERS. TYP-3.
(E)CLOTHESWASHER TYP-3
(E)3/4"G DN TO SERVE (E)DRYER. TYP-3.
(E)COMMERICAL CLOTHESWASHER
(E)2"CW UP TO SERVE FIXTURES
UP TO SERVE AUDITORIUM FIXTURES ABOVE (E)1"HW (E)3/4"HWR
(E)HB
(E)3"RD TERMINATION OVER LOWER ROOF
(E)2"CW
(E)DS CONNECTION
(E)4"RD FROM SHOP BUILDING
1 2 3 4 5 6 7 8 9
P Q R S T U
0 8 16
SCALE IN FEET
N
MATCHLINE
MATCHLINE

REMOVE ALL PLUMBING FIXTURES AND ABOVE GRADE PLUMBING PIPING THIS SIDE OF LINE. CAP PIPING AT A POINT BEYOND CONCEALMENT. REMOVE CLEANOUTS, FLOOR DRAINS, ETC. TO A POINT BEYOND CONCEALMENT AND CAP UNLESS OTHERWISE NOTED.

1/DP2.3 FLOOR PLAN - EAST - DEMO - PLUMBING
1/8"=1'-0"

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

SAWCUT NOTE : ⊙

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.

NOTES THIS SHEET

1 ESTIMATED DEPTH. CONTRACTOR TO VERIFY ELEVATION PRIOR TO ROUGH-IN. COORDINATE SHALLOWER INVERTS WITH ENGINEER PRIOR TO PROCEEDING.

2 MODIFY EXISTING DOWN SPOUT TERMINATION AS REQUIRED FOR NEW CONNECTION. SEE 1/P2.3 FOR NEW.

3 REMOVE HW, CW CONNECTIONS SERVING EXISTING SINK TO REMAIN. SEE 1/P2.3 FOR NEW CONNECTIONS.

4 AVAILABLE RECORD DRAWINGS INDICATE A TRANSITION FROM CSP TO CI PIPING IN THIS LOCATION. CONTRACTOR TO VERIFY LOCATION OF MATERIAL TRANSITION IN FIELD AND TO REPLACE CSP ONLY.

5 OPEN (E)SURFACE TO CAP (E)PIPING BRANCH. REPLACE SURFACE AND PATCH TO MATCH ADJACENT SURFACES.

6 EXISTING 5LB. GAS METER. COORDINATE CONNECTED GAS LOAD SERVING UTILITY AND UPGRADE METER AS REQUIRED. COORDINATE EXACT LOCATION OF METER SET WITH SERVING UTILITY PRIOR TO ROUGH-IN.

7 MAINTAIN INTEGRITY OF EXISTING DRAINAGE SYSTEM.

8 REMOVE (E)FLOOR MOUNT FLUSH VALVE WATER CLOSET AND ASSOCIATED WASTE, VENT, AND COLD WATER PIPING TO A POINT BEYOND CONCEALMENT AND CAP. PATCH TO MATCH ADJACENT SURFACES.

9 SAME AS NOTE 8 EXCEPT FOR INSTALLATION OF NEW WATER CLOSET. SEE 1/P2.3 FOR NEW.

GENERAL NOTES

1 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

2 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

3 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

4 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

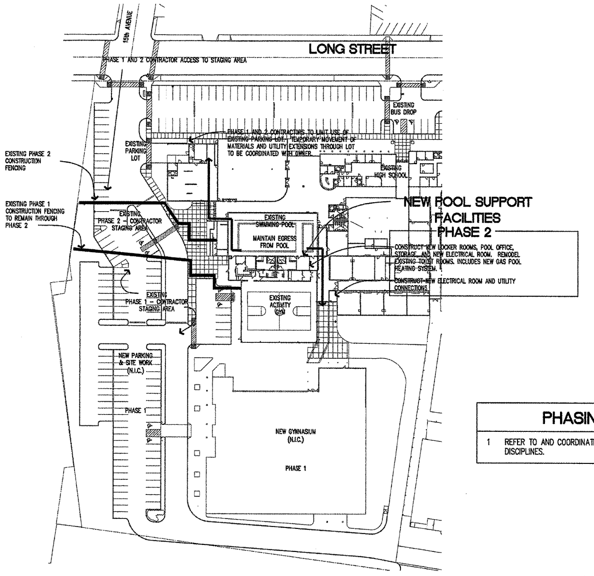
5 USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.

6 PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.

7 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.


LONG STREET
15th AVENUE
PHASE 1 AND 2 CONTRACTOR ACCESS TO STAGING AREA
EXISTING BUS DROP
PHASE 1 AND 2 CONTRACTORS TO LIMIT USE OF EXISTING PARKING LOT. TEMPORARY MOVEMENT OF MATERIALS AND UTILITY EXTENSIONS THROUGH LOT TO BE COORDINATED WITH OWNER.
EXISTING PARKING LOT
EXISTING HIGH SCHOOL
EXISTING PHASE 2 CONSTRUCTION FENCING
EXISTING PHASE 1 CONSTRUCTION FENCING TO REMAIN THROUGH PHASE 2
EXISTING PHASE 2 - CONTRACTOR STAGING AREA
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
NEW POOL SUPPORT FACILITIES PHASE 2
CONSTRUCT NEW LOCKER ROOMS, POOL OFFICE, STORAGE, AND NEW ELECTRICAL ROOM. REMODEL EXISTING TOILET ROOMS. INCLUDES NEW GAS POOL HEATING SYSTEM.
CONSTRUCT NEW ELECTRICAL ROOM AND UTILITY CONNECTIONS.
EXISTING PHASE 1 - CONTRACTOR STAGING AREA
EXISTING ACTIVITY GYM
NEW PARKING & SITE WORK (N.I.C.)
PHASE 1
NEW GYMNASIUM (N.I.C.)
PHASE 1
NORTH
SCALE: 1" = 60'

PHASE 1 - NEW GYMNASIUM

DURATION: THIS WORK IS CURRENTLY IN PROGRESS - COMPLETE JUNE 30, 2003.

PHASE 1 DESCRIPTION: PHASE 1 CONSISTS OF THE CONSTRUCTION OF THE NEW GYM AND ASSOCIATED PARKING IMPROVEMENTS. THIS WORK IS CURRENTLY UNDER CONTRACT WITH MCKENZIE COMMERCIAL CONTRACTORS AND IS SCHEDULED TO BE COMPLETE NO LATER THAN JUNE 30, 2003. PHASE I INCLUDES NEW DDC CONTROLS COMPUTER STATION.

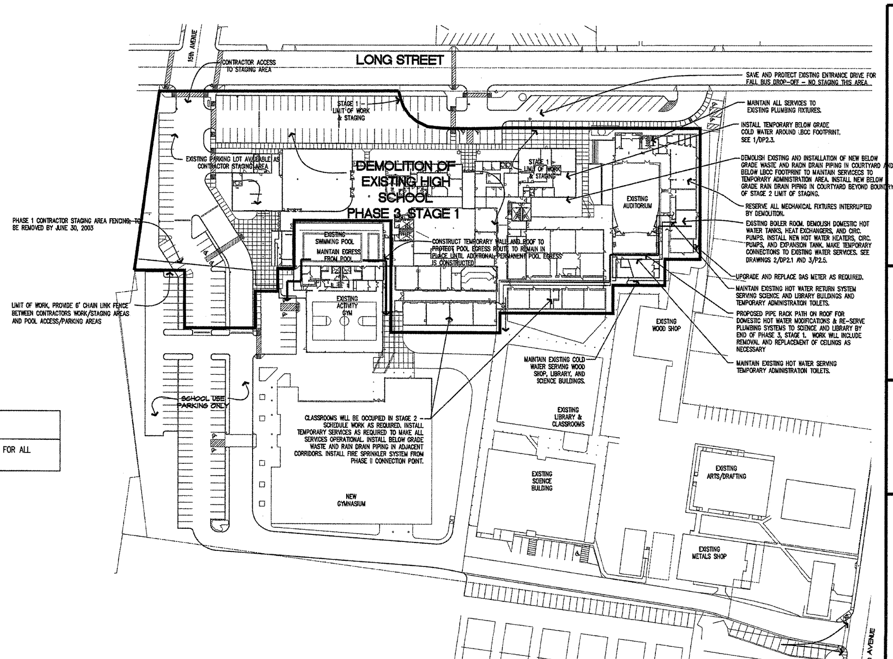
PHASE 2 - NEW POOL SUPPORT FACILITIES

DURATION: THIS WORK IS CURRENTLY IN PROGRESS - COMPLETE JUNE 2, 2003

PHASE 2 DESCRIPTION: PHASE 2 CONSISTS OF THE CONSTRUCTION OF NEW SWIMMING POOL SUPPORT FACILITIES INCLUDING A RECEPTION/OFFICE AREA, LOCKER ROOMS, SHOWERS, STORAGE AREA, INDEPENDENT GAS FUELED MECHANICAL SYSTEMS FOR THE POOL WATER HEATING AND HVAC SYSTEMS AND ASSOCIATED ELECTRICAL SYSTEMS. THE WORK IN THIS PHASE SHALL PERMIT THE PHASE 3 WORK TO OCCUR WITH MINIMAL IMPACT TO POOL FACILITIES OPERATIONS. THIS PHASE IS CURRENTLY UNDER CONTRACT AND IS SCHEDULED TO BE COMPLETE NO LATER THAN JUNE 2, 2003. PHASE 2 DDC CONTROLS ARE TIED BACK INTO COMPUTER STATION PROVIDED UNDER PHASE I.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.


LONG STREET
15th AVENUE
18th AVENUE
CONTRACTOR ACCESS TO STAGING AREA
STAGE 1 - LIMIT OF WORK & STAGING
EXISTING PARKING LOT AVAILABLE AS CONTRACTOR STAGING AREA
DEMOLITION OF EXISTING HIGH SCHOOL PHASE 3, STAGE 1
STAGE 1 - LIMIT OF WORK & STAGING
PHASE 1 CONTRACTOR STAGING AREA FENCING, TO BE REMOVED BY JUNE 30, 2003
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
CONSTRUCT TEMPORARY WALL AND ROOF TO PROTECT POOL EGRESS ROUTE TO REMAIN IN PLACE UNTIL ADDITIONAL PERMANENT POOL EGRESS IS CONSTRUCTED
LIMIT OF WORK, PROVIDE 6' CHAIN LINK FENCE BETWEEN CONTRACTORS WORK/STAGING AREAS AND POOL ACCESS/PARKING AREAS
EXISTING ACTIVITY GYM
SCHOOL USE PARKING ONLY
CLASSROOMS WILL BE OCCUPIED IN STAGE 2 - SCHEDULE WORK AS REQUIRED. INSTALL TEMPORARY SERVICES AS REQUIRED TO MAKE ALL SERVICES OPERATIONAL. INSTALL BELOW GRADE WASTE AND RAIN DRAIN PIPING IN ADJACENT CORRIDORS. INSTALL FIRE SPRINKLER SYSTEM FROM PHASE II CONNECTION POINT.
NEW GYMNASIUM
MAINTAIN EXISTING COLD WATER SERVING WOOD SHOP, LIBRARY, AND SCIENCE BUILDINGS.
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING AUDITORIUM
EXISTING WOOD SHOP
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP
SAVE AND PROTECT EXISTING ENTRANCE DRIVE FOR FALL BUS DROP-OFF - NO STAGING THIS AREA.
MAINTAIN ALL SERVICES TO EXISTING PLUMBING FIXTURES.
INSTALL TEMPORARY BELOW GRADE COLD WATER AROUND LBCC FOOTPRINT. SEE 1/DP2.3.
DEMOLISH EXISTING AND INSTALLATION OF NEW BELOW GRADE WASTE AND RAIDN DRAIN PIPING IN COURTYARD AND BELOW LBCC FOOTPRINT TO MAINTAIN SERVICECS TO TEMPORARY ADMINISTRATION AREA. INSTALL NEW BELOW GRADE RAIN DRAIN PIPING IN COURTYARD BEYOND BOUNDRY OF STAGE 2 LIMIT OF STAGING.
RESERVE ALL MECHANICAL FIXTURES INTERRUPTED BY DEMOLITION.
EXISTING BOILER ROOM. DEMOLISH DOMESTIC HOT WATER TANKS, HEAT EXCHANGERS, AND CIRC. PUMPS. INSTALL NEW HOT WATER HEATERS, CIRC. PUMPS, AND EXPANSION TANK. MAKE TEMPORARY CONNECTIONS TO EXISTING WATER SERVICES. SEE DRAWINGS 2/DP2.1 AND 3/P2.5.
UPGRADE AND REPLACE GAS METER AS REQUIRED.
MAINTAIN EXISTING HOT WATER RETURN SYSTEM SERVING SCIENCE AND LIBRARY BUILDINGS AND TEMPORARY ADMINISTRATION TOILETS.
PROPOSED PIPE RACK PATH ON ROOF FOR DOMESTIC HOT WATER MODIFICATIONS & RE-SERVE PLUMBING SYSTEMS TO SCIENCE AND LIBRARY BY END OF PHASE 3, STAGE 1. WORK WILL INCLUDE REMOVAL AND REPLACEMENT OF CEILINGS AS NECESSARY
MAINTAIN EXISTING HOT WATER SERVING TEMPORARY ADMINISTRATION TOILETS.
NORTH
SCALE: 1" = 60'

PHASE 3, STAGE 1 - DEMO, RE-SERVE SYSTEMS AND PREPARE SITE

DURATION: JUNE 20, 2003, TO AUGUST 22, 2003.

PHASE 3, STAGE 1 DESCRIPTION:

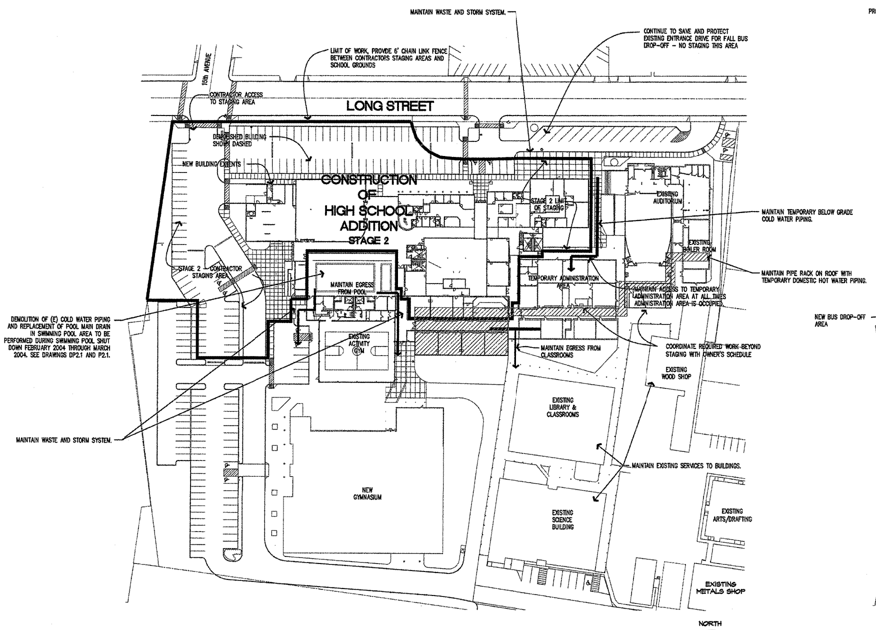
STAGE 1 CONSISTS OF ALL WORK WHICH NEEDS TO BE COMPLETED DURING THE SUMMER BREAK WHILE STUDENTS ARE NOT PRESENT. IT CONSISTS PRIMARILY OF THE DEMOLITION OF ALL AREAS OF THE MAIN BUILDING NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION. DEMOLITION WORK WILL INCLUDE ASBESTOS ABATEMENT, WHICH WILL BE COMPLETED ENTIRELY DURING STAGE 1. WORK WILL ALLOW FOR CONTINUOUS PUBLIC ACCESS TO PHASE I PARKING FROM 18TH AVENUE.

IT WILL ALSO INCLUDE THE DEMOLITION AND REPLACEMENT OF TEMPORARY AND PERMANENT MECHANICAL SYSTEMS INCLUDING HYDRONIC SYSTEM PIPING AS NECESSARY TO ACCOMMODATE DEMOLITION AND RE-SERVICING OF THE REMAINING AREAS OF THE SCHOOL COMPLEX FOR SCHOOL FALL TERM.

STAGE 1 WORK SHALL BE COMPLETED AND RE-SERVED SYSTEMS OPERATIONAL FOR SCHOOL OPENING FALL 2003.

CONTRACTOR SHALL MAINTAIN FENCING ALONG POOL ACCESS AND EGRESS ROUTES AND TO ISOLATE POOL PARKING FROM THE WORK AND STAGING AREAS. THE CONTRACTOR SHALL ALSO MAINTAIN FENCING BETWEEN THE BUS DROP-OFF AND ADMINISTRATION AREAS AND THE WORK THROUGH-OUT THIS STAGE.

PROVIDE NEW DDC CONTROLS AS REQUIRED TO SERVE NEW HVAC EQUIPMENT.


MAINTAIN WASTE AND STORM SYSTEM.
LIMIT OF WORK, PROVIDE 6' CHAIN LINK FENCE BETWEEN CONTRACTORS STAGING AREAS AND SCHOOL GROUNDS
CONTINUE TO SAVE AND PROTECT EXISTING ENTRANCE DRIVE FOR FALL BUS DROP-OFF - NO STAGING THIS AREA
LONG STREET
15th AVENUE
CONTRACTOR ACCESS TO STAGING AREA
DEMOLISHED BUILDING SHOWN DASHED
NEW BUILDING EXTENTS
CONSTRUCTION OF HIGH SCHOOL ADDITION STAGE 2
STAGE 2 LIMIT OF STAGING
STAGE 2 - CONTRACTOR STAGING AREA
MAINTAIN EGRESS FROM POOL
EXISTING ACTIVITY GYM
TEMPORARY ADMINISTRATION AREA
EXISTING AUDITORIUM
EXISTING BOILER ROOM
MAINTAIN TEMPORARY BELOW GRADE COLD WATER PIPING.
MAINTAIN PIPE RACK ON ROOF WITH TEMPORARY DOMESTIC HOT WATER PIPING.
MAINTAIN ACCESS TO TEMPORARY ADMINISTRATION AREA AT ALL TIMES ADMINISTRATION AREA IS OCCUPIED.
MAINTAIN EGRESS FROM CLASSROOMS
COORDINATE REQUIRED WORK BEYOND STAGING WITH OWNER'S SCHEDULE
EXISTING WOOD SHOP
DEMOLITION OF (E) COLD WATER PIPING AND REPLACEMENT OF POOL MAIN DRAIN IN SWIMMING POOL AREA TO BE PERFORMED DURING SWIMMING POOL SHUT DOWN FEBRUARY 2004 THROUGH MARCH 2004. SEE DRAWINGS DP2.1 AND P2.1.
MAINTAIN WASTE AND STORM SYSTEM.
EXISTING LIBRARY & CLASSROOMS
MAINTAIN EXISTING SERVICES TO BUILDINGS.
NEW GYMNASIUM
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP
NORTH
SCALE: 1" = 60'

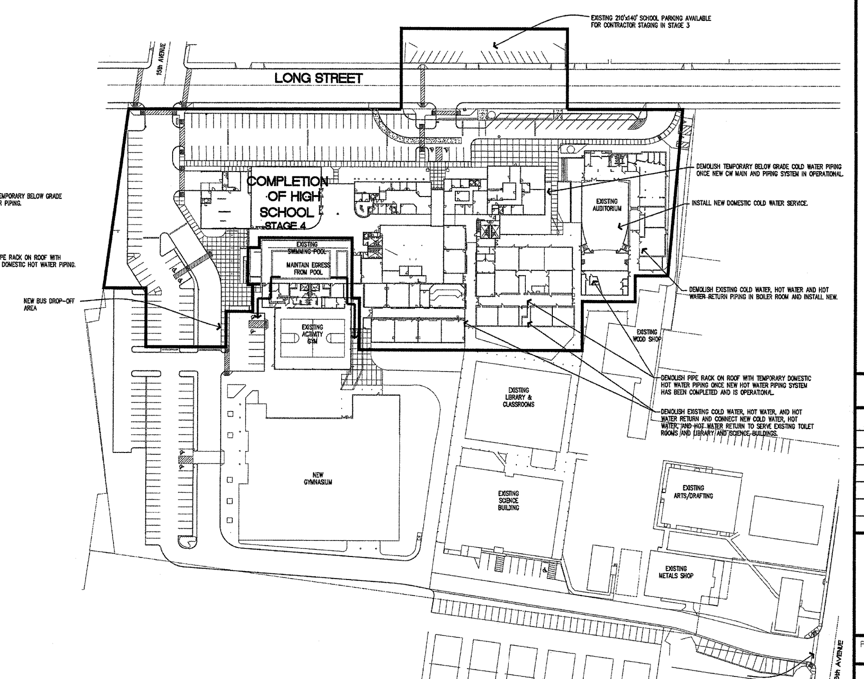
PHASE 3, STAGE 2 - CONTINUE BUILDING AND SITE WORK

DURATION: AUGUST 22, 2003, UP TO JUNE 15, 2004)

PHASE 3, STAGE 2 DESCRIPTION:

STAGE 2 TAKES PLACE DURING THE 2003/2004 SCHOOL SESSION. STAGE 2 CONSISTS OF THE GENERAL CONSTRUCTION OF THE NEW SCHOOL ADDITION. CONTRACTOR WILL BE PROVIDED LIMITED ACCESS TO THE SITE AND WILL ALSO NEED TO ACCOMMODATE SCHOOL ACTIVITIES WHEN NECESSARY. THE CONTRACTOR SHALL ERECT TEMPORARY PARTITIONS WITH DUST AND NOISE CONTROL AS NECESSARY TO PERMIT SCHOOL ACTIVITIES TO CONTINUE IN THE ADJACENT SPACES. CONTRACTOR WILL ONLY BE PERMITTED TO WORK IN THE AREAS IDENTIFIED AS CONTRACTOR WORK AND STAGING AREAS, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE FENCING BETWEEN ALL STUDENT OCCUPIED AREAS AND THE WORK/STAGING AREA.

PROVIDE NEW DDC CONTROLS AS REQUIRED TO SERVE NEW HVAC EQUIPMENT.


EXISTING 210'x140' SCHOOL PARKING AVAILABLE FOR CONTRACTOR STAGING IN STAGE 3
LONG STREET
15th AVENUE
18th AVENUE
COMPLETION OF HIGH SCHOOL STAGE 4
EXISTING SWIMMING POOL
MAINTAIN EGRESS FROM POOL
EXISTING ACTIVITY GYM
NEW BUS DROP-OFF AREA
EXISTING AUDITORIUM
DEMOLISH TEMPORARY BELOW GRADE COLD WATER PIPING ONCE NEW CW MAIN AND PIPING SYSTEM IN OPERATIONAL.
INSTALL NEW DOMESTIC COLD WATER SERVICE.
DEMOLISH EXISTING COLD WATER, HOT WATER AND HOT WATER RETURN PIPING IN BOILER ROOM AND INSTALL NEW.
EXISTING WOOD SHOP
DEMOLISH PIPE RACK ON ROOF WITH TEMPORARY DOMESTIC HOT WATER PIPING ONCE NEW HOT WATER PIPING SYSTEM HAS BEEN COMPLETED AND IS OPERATIONAL.
DEMOLISH EXISTING COLD WATER, HOT WATER, AND HOT WATER RETURN AND CONNECT NEW COLD WATER, HOT WATER, AND HOT WATER RETURN TO SERVE EXISTING TOILET ROOMS AND LIBRARY AND SCIENCE BUILDINGS.
NEW GYMNASIUM
EXISTING LIBRARY & CLASSROOMS
EXISTING SCIENCE BUILDING
EXISTING ARTS/DRAFTING
EXISTING METALS SHOP
NORTH
SCALE: 1" = 60'

PHASE 3, STAGE 3 - COMPLETE BUILDING AND SITE WORK

DURATION: JUNE 15, 2004, UP TO AUGUST 1, 2004

STAGE 3 DESCRIPTION:

STAGE 3 WILL OCCUR DURING SUMMER BREAK 2004. STAGE 3 CONSISTS OF THE COMPLETION OF THE PROJECT. IN STAGE 3 CONTRACTOR WILL BE PROVIDED ADDITIONAL STAGING IN THE STUDENT PARKING LOT IF REQUIRED. DURING STAGE 3 THE CONTRACTOR WILL COMPLETE THE PARKING LOT WORK INCLUDING NEW PAVING AND ACCESS AT 18TH AVENUE, AND ANY OTHER WORK REMAINING IN THE REST OF THE SCHOOL COMPLEX.

THE SWIMMING POOL WILL REMAIN OPEN DURING STAGE 3 WORK.

STAGE 3 SHALL BE COMPLETE BY AUGUST 1, 2004 IN ORDER TO ALLOW TIME FOR THE SCHOOL TO OCCUPY THE NEW AREAS PRIOR TO START OF SCHOOL. CONTRACTOR SHALL PROVIDE FENCING BETWEEN THE WORK AREA AND THE POOL ACCESS AND PARKING AREAS, UNTIL THE ENTIRE WEST PARKING LOT IS ACCEPTED AS SUBSTANTIALLY COMPLETE.

PROVIDE NEW DDC CONTROLS AS REQUIRED TO SERVE NEW HVAC EQUIPMENT. RELOCATE CONTROLS COMPUTER STATION PROVIDED UNDER PHASE I TO STORAGE 621. ENSURE THAT ALL NEW AND EXISTING HVAC AND SWIMMING POOL EQUIPMENT IS SERVED BY NEW DDC CONTROLS PRIOR TO DEMOLISHING EXISTING AUTOMATED LOGIC CONTROLS SYSTEM.

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03/28/03
REGISTERED PROFESSIONAL ENGINEER
JAMES L. CUNDIFF
EXPIRES 12/31/03
James L. Cundiff

PLOT DATE: 03/28/03 PROJ.# 0245

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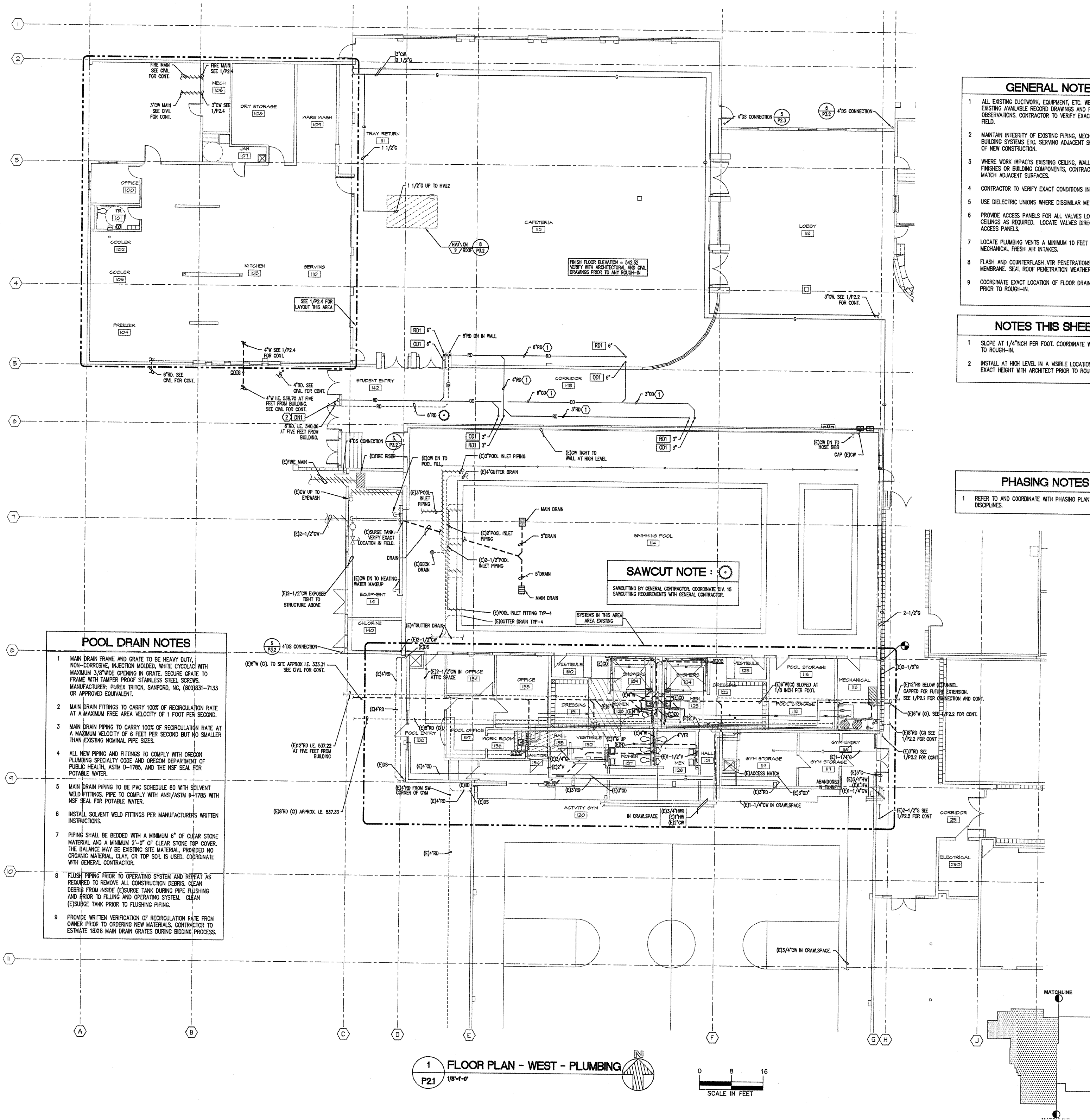
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

PHASING PLAN - PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

P2.0



SAWCUT NOTE :

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.

1 P2.1 FLOOR PLAN - WEST - PLUMBING
1/8"=1'-0"

GENERAL NOTES

1 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

2 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

3 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

4 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

5 USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.

6 PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.

7 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

NOTES THIS SHEET ⬡

1 SLOPE AT 1/4"INCH PER FOOT. COORDINATE WITH HVAC PRIOR TO ROUGH-IN.

2 INSTALL AT HIGH LEVEL IN A VISIBLE LOCATION. COORDINATE EXACT HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

POOL DRAIN NOTES

1 MAIN DRAIN FRAME AND GRATE TO BE HEAVY DUTY, NON-CORROSIVE, INJECTION MOLDED, WHITE CYCOLAC WITH MAXIMUM 3/8"WIDE OPENING IN GRATE. SECURE GRATE TO FRAME WITH TAMPER PROOF STAINLESS STEEL SCREWS. MANUFACTURER: PUREX TRITON, SANFORD, NC, (800)831-7133 OR APPROVED EQUIVALENT.

2 MAIN DRAIN FITTINGS TO CARRY 100% OF RECIRCULATION RATE AT A MAXIMUM FREE AREA VELOCITY OF 1 FOOT PER SECOND.

3 MAIN DRAIN PIPING TO CARRY 100% OF RECIRCULATION RATE AT A MAXIMUM VELOCITY OF 6 FEET PER SECOND BUT NO SMALLER THAN EXISTING NOMINAL PIPE SIZES.

4 ALL NEW PIPING AND FITTINGS TO COMPLY WITH OREGON PLUMBING SPECIALTY CODE AND OREGON DEPARTMENT OF PUBLIC HEALTH, ASTM D-1785, AND THE NSF SEAL FOR POTABLE WATER.

5 MAIN DRAIN PIPING TO BE PVC SCHEDULE 80 WITH SOLVENT WELD FITTINGS. PIPE TO COMPLY WITH ANSI/ASTM D-1785 WITH NSF SEAL FOR POTABLE WATER.

6 INSTALL SOLVENT WELD FITTINGS PER MANUFACTURERS WRITTEN INSTRUCTIONS.

7 PIPING SHALL BE BEDDED WITH A MINIMUM 6" OF CLEAR STONE MATERIAL AND A MINIMUM 2'-0" OF CLEAR STONE TOP COVER. THE BALANCE MAY BE EXISTING SITE MATERIAL, PROVIDED NO ORGANIC MATERIAL, CLAY, OR TOP SOIL IS USED. COORDINATE WITH GENERAL CONTRACTOR.

8 FLUSH PIPING PRIOR TO OPERATING SYSTEM AND REPEAT AS REQUIRED TO REMOVE ALL CONSTRUCTION DEBRIS. CLEAN DEBRIS FROM INSIDE (E)SURGE TANK DURING PIPE FLUSHING AND PRIOR TO FILLING AND OPERATING SYSTEM. CLEAN (E)SURGE TANK PRIOR TO FLUSHING PIPING.

9 PROVIDE WRITTEN VERIFICATION OF RECIRCULATION RATE FROM OWNER PRIOR TO ORDERING NEW MATERIALS. CONTRACTOR TO ESTMATE 18X18 MAIN DRAIN GRATES DURING BIDDING PROCESS.

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JULY 13, 1984
JAMES L. CUNDIFF
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EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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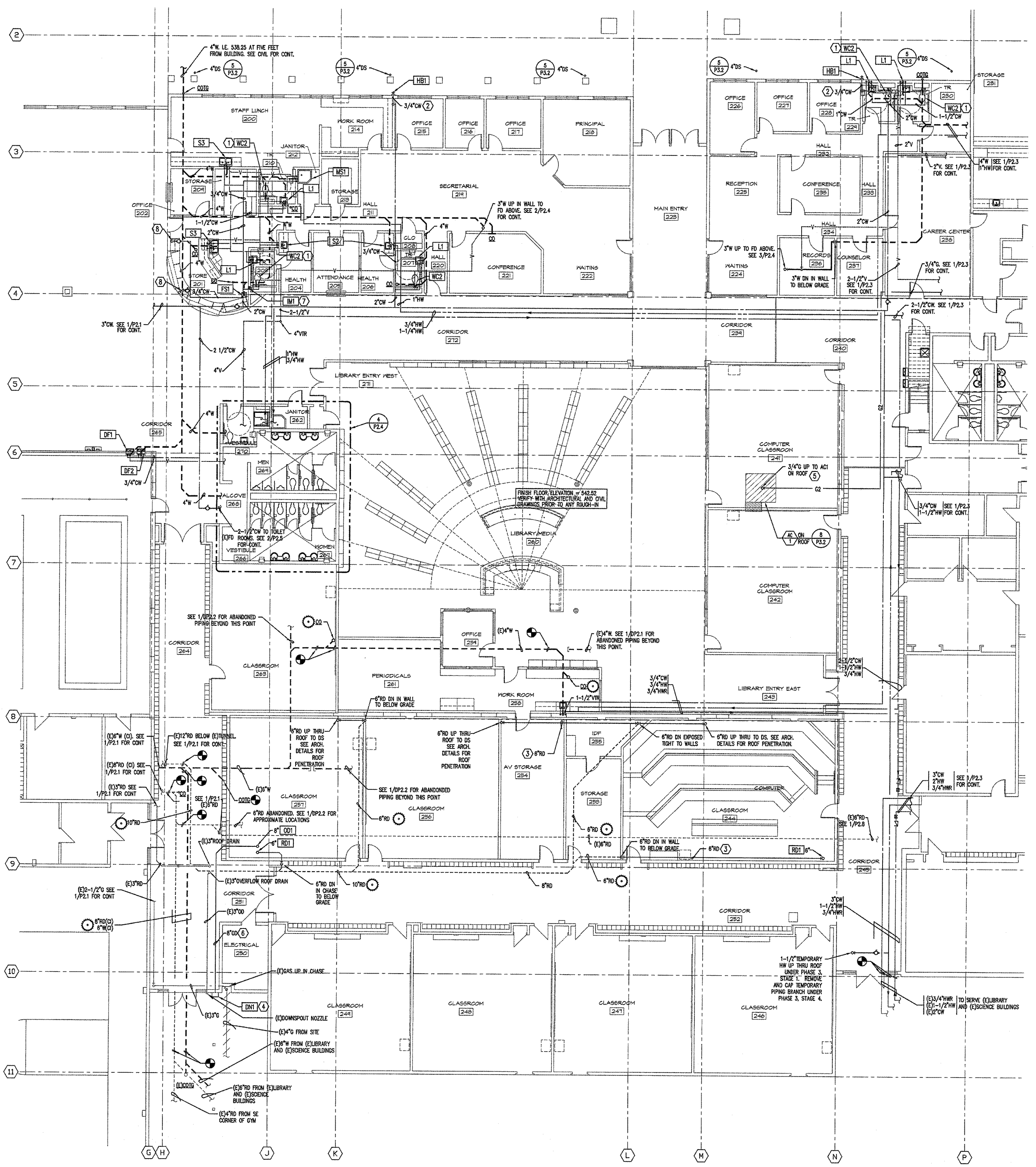
FLOOR PLAN -
WEST - PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

P2.1



1 / P2.2 FLOOR PLAN - CORE - PLUMBING

1/8"=1'-0"

0 8 16 SCALE IN FEET

GENERAL NOTES

1 ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.

2 MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.

3 WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.

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7 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

8 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

9 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

NOTES THIS SHEET ⬡

1 FLUSH VALVE HANDLE ON APPROACH SIDE OF WATER CLOSET

2 COLD WATER DN IN WALL TO SERVE HOSE BIBB. ROUTE ON INTERIOR SIDE OF BUILDING INSULATION

3 IN CEILING SPACE. SLOPE AT 1/4" PER FOOT. COORDINATE WITH HVAC PRIOR TO ROUGH-IN.

4 MOUNT AT HIGH LEVEL IN A VISIBLE LOCATION. COORDINATE EXACT HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.

5 COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH HVAC PRIOR TO ROUGH-IN.

6 IN CEILING SPACE. SLOPE AT 1/8" PER FOOT. COORDINATE WITH HVAC PRIOR TO ROUGH-IN.

7 COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

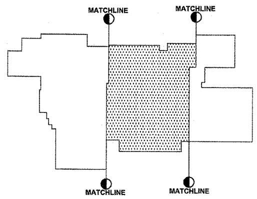
8 1/2"CW DN IN WALL TO SERVE POP DISPENSERS. PROVIDE SHUT OFF VALVE AND DOUBLE CHECK VALVE ASSEMBLY WITH 316SS BODY MEETING ASSE 1032 AND FDA REGULATIONS. LOCATE IN AN ACCESSIBLE LOCATION BELOW COUNTER. COORDINATE EXACT ROUGH-IN LOCATION AND CONNECTION REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN.

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

SAWCUT NOTE : ⊙

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.



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FLOOR PLAN -
CORE - PLUMBING

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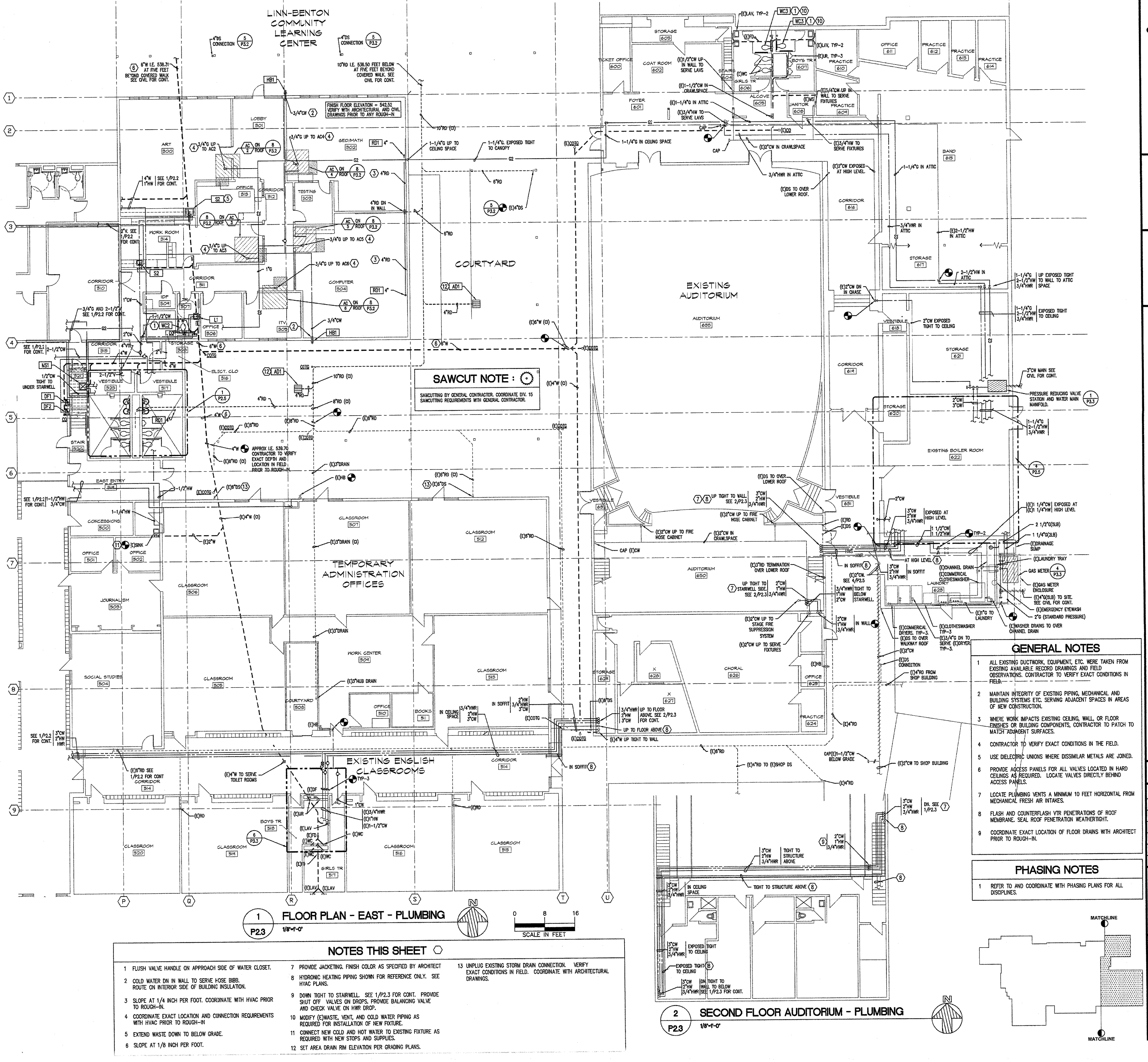
01023	04-04-03

P2.2



GENERAL NOTES

1. ALL EXISTING DUCTWORK, EQUIPMENT, ETC. WERE TAKEN FROM EXISTING AVAILABLE RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXACT CONDITIONS IN FIELD.
2. MAINTAIN INTEGRITY OF EXISTING PIPING, MECHANICAL AND BUILDING SYSTEMS ETC. SERVING ADJACENT SPACES IN AREAS OF NEW CONSTRUCTION.
3. WHERE WORK IMPACTS EXISTING CEILING, WALL, OR FLOOR FINISHES OR BUILDING COMPONENTS, CONTRACTOR TO PATCH TO MATCH ADJACENT SURFACES.
4. CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.
5. USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.
6. PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.
7. LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.
8. FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.
9. COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

PHASING NOTES

1. REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

NOTES THIS SHEET ⬡

1. FLUSH VALVE HANDLE ON APPROACH SIDE OF WATER CLOSET.
2. COLD WATER DN IN WALL TO SERVE HOSE BIBB. ROUTE ON INTERIOR SIDE OF BUILDING INSULATION.
3. SLOPE AT 1/4 INCH PER FOOT. COORDINATE WITH HVAC PRIOR TO ROUGH-IN.
4. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH HVAC PRIOR TO ROUGH-IN
5. EXTEND WASTE DOWN TO BELOW GRADE.
6. SLOPE AT 1/8 INCH PER FOOT.
7. PROVIDE JACKETING. FINISH COLOR AS SPECIFIED BY ARCHITECT
8. HYDRONIC HEATING PIPING SHOWN FOR REFERENCE ONLY. SEE HVAC PLANS.
9. DOWN TIGHT TO STAIRWELL. SEE 1/P2.3 FOR CONT. PROVIDE SHUT OFF VALVES ON DROPS. PROVIDE BALANCING VALVE AND CHECK VALVE ON HWR DROP.
10. MODIFY (E)WASTE, VENT, AND COLD WATER PIPING AS REQUIRED FOR INSTALLATION OF NEW FIXTURE.
11. CONNECT NEW COLD AND HOT WATER TO EXISTING FIXTURE AS REQUIRED WITH NEW STOPS AND SUPPLIES.
12. SET AREA DRAIN RIM ELEVATION PER GRADING PLANS.
13. UNPLUG EXISTING STORM DRAIN CONNECTION. VERIFY EXACT CONDITIONS IN FIELD. COORDINATE WITH ARCHITECTURAL DRAWINGS.

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03/28/03
REGISTERED PROFESSIONAL ENGINEER 11506 OREGON JULY 13, 1984 JAMES L CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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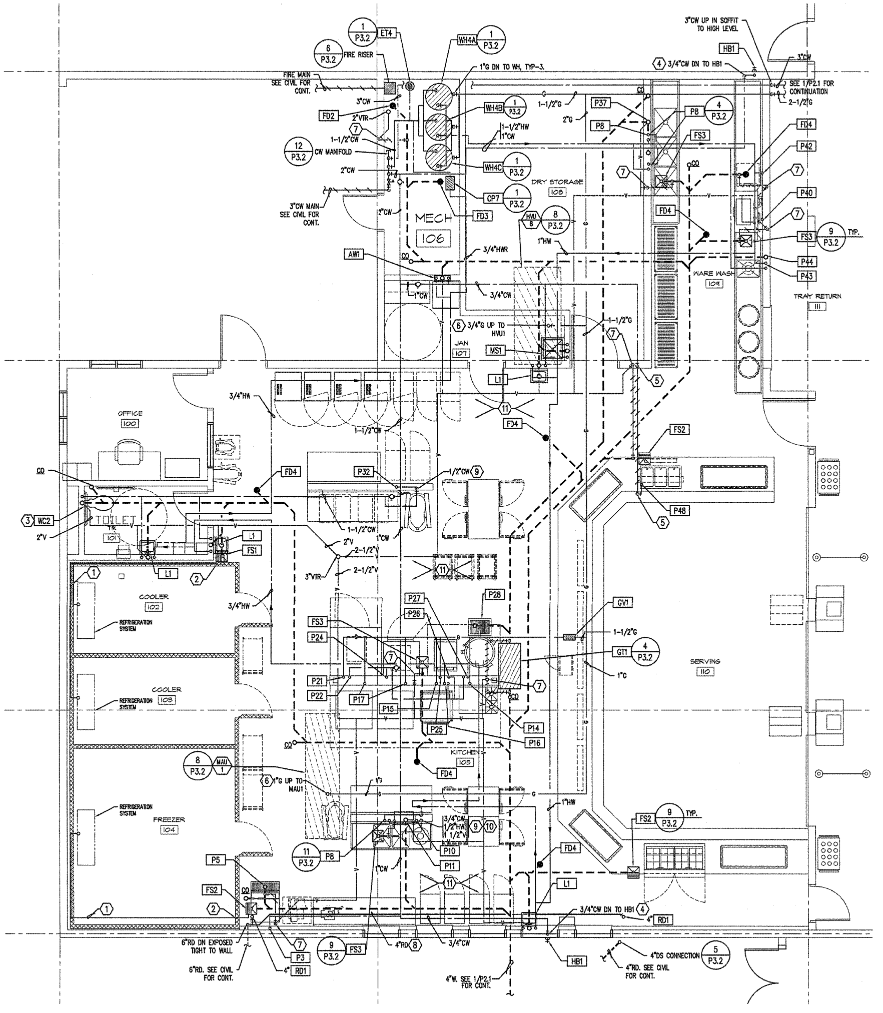
FLOOR PLAN -
EAST - PLUMBING

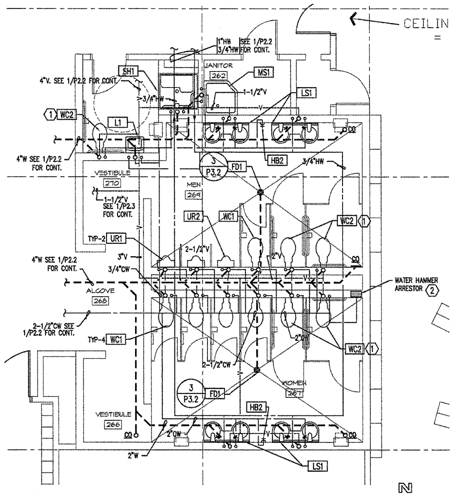
PROJECT NUMBER	DATE
01023	04-04-03

P2.3

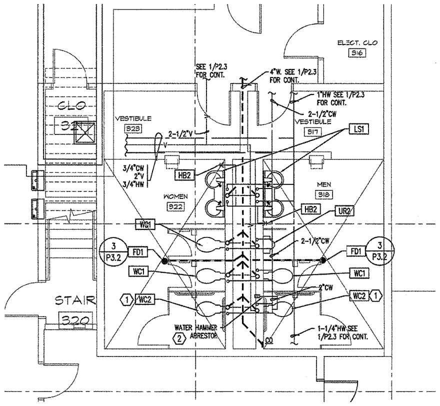


1 KITCHEN PLAN - PLUMBING
P2.4
1/4"=1'-0"

0 4 8
SCALE IN FEET



4 CORE TOILET ROOM PLAN - PLUMBING
P2.4
1/4"=1'-0"



5 EAST TOILET ROOM PLAN - PLUMBING
P2.4
1/4"=1'-0"

NOTES THIS SHEET ⬡

1 EXTEND CONDENSATE PIPES FROM REFRIGERATION UNITS TO ABOVE FLOOR SINK. VERIFY EXACT REQUIREMENTS WITH KITCHEN DRAWINGS PRIOR TO ROUGH-IN.

2 THRU WALL SLEEVE. SEE KITCHEN EQUIPMENT PLANS.

3 FLUSH VALVE HANDLE ON APPROACH SIDE OF WATER CLOSET.

4 COLD WATER DOWN TO SERVE HB1. ROUTE PIPING ON INTERIOR SIDE OF BUILDING INSULATION.

5 3/4"CW DOWN TO BELOW GRADE.

6 COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH HVAC PRIOR TO ROUGH-IN.

7 VENT UP IN WALL FROM BELOW GRADE. PROVIDE ACCESSIBLE CLEANOUT AT VENT RISER. SLOPE BELOW GRADE VENT PIPING AT 1/4" PER FOOT AND PROVIDE DRAINAGE TYPE FITTINGS.

8 IN CEILING SPACE. SLOPE AT 1/4 INCH PER FOOT. COORDINATE EXACT LOCATION WITH HVAC PRIOR TO ROUGH-IN.

9 DN IN WALL. TURN AND EXTEND IN WALL TO SERVE EQUIPMENT. COORDINATE EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.

10 VENT PIPING BELOW FIXTURE FLOOD LEVEL RIM: PROVIDE DRAINAGE TYPE FITTINGS AND SLOPE PER CODE. PROVIDE ACCESSIBLE WALL CLEANOUTS AT SIX INCHES ABOVE FLOOD LEVEL RIM. CONNECT FS3 VENT TO VENT RISER AT MIN. SIX INCHES ABOVE FLOOR LEVEL OF SINK.

11 CLEANOUTS LOCATED IN KITCHEN WITH SHEET FLOORING SYSTEM TO BE WADE #6000 OR EQUIVALENT. PROVIDE FLASH CLAMPING RING FOR WATERTIGHT SEAL. VERIFY EXACT REQUIREMENTS WITH SHEET FLOORING SUPPLIER PRIOR TO ORDERING.

GENERAL NOTES

1 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

2 USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.

3 PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.

4 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

5 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

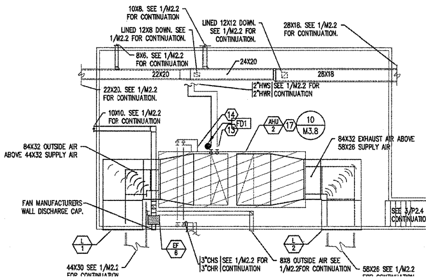
6 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

SAWCUT NOTE : ⊙

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.

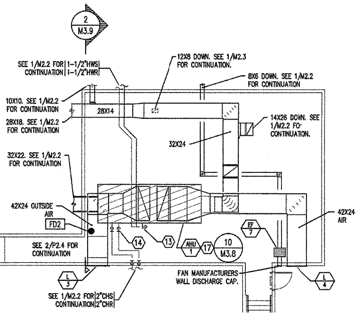
PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.


10X8. SEE 1/M2.2 FOR CONTINUATION
LINED 12X8 DOWN. SEE 1/M2.2 FOR CONTINUATION.
LINED 12X12 DOWN. SEE 1/M2.2 FOR CONTINUATION.
28X18. SEE 1/M2.2 FOR CONTINUATION.
8X6. SEE 1/M2.2 FOR CONTINUATION
24X20
22X20
28X18
22X20. SEE 1/M2.2 FOR CONTINUATION.
2"HWS 2"HWR SEE 1/M2.2 FOR CONTINUATION
10X10. SEE 1/M2.2 FOR CONTINUATION
14
FD1
13
AHU 2
17
10 M3.8
84X32 OUTSIDE AIR ABOVE 44X32 SUPPLY AIR
84X32 EXHAUST AIR ABOVE 58X26 SUPPLY AIR
FAN MANUFACTURERS WALL DISCHARGE CAP.
SEE 3/P2.4 FOR CONTINUATION
L 1
EF 6
L 2
44X30 SEE 1/M2.2 FOR CONTINUATION
3"CHS 3"CHR SEE 1/M2.2 FOR CONTINUATION
8X8 OUTSIDE AIR SEE 1/M2.2FOR CONTINUATION
58X26 SEE 1/M2.2 FOR CONTINUATION

2 MECH. MEZZ.- WEST
P2.4
1/8"=1'-0"

0 8 16
SCALE IN FEET


2 M3.9
SEE 1/M2.2 FOR CONTINUATION 1-1/2"HWS 1-1/2"HWR
12X8 DOWN. SEE 1/M2.3 FOR CONTINUATION.
8X6 DOWN. SEE 1/M2.2 FOR CONTINUATION
10X10. SEE 1/M2.2 FOR CONTINUATION
28X14
28X18. SEE 1/M2.2 FOR CONTINUATION
14X26 DOWN. SEE 1/M2.2 FOR CONTINUATION.
32X24
32X22. SEE 1/M2.2 FOR CONTINUATION
42X24 OUTSIDE AIR
FD2
42X24 EXHAUST AIR
EF 7
SEE 2/P2.4 FOR CONTINUATION
14
13
AHU 1
17
10 M3.8
L 3
FAN MANUFACTURERS WALL DISCHARGE CAP.
L 4
SEE 1/M2.2 FOR CONTINUATION 2"CHS 2"CHR

3 MECH. MEZZ.- EAST
P2.4
1/8"=1'-0"

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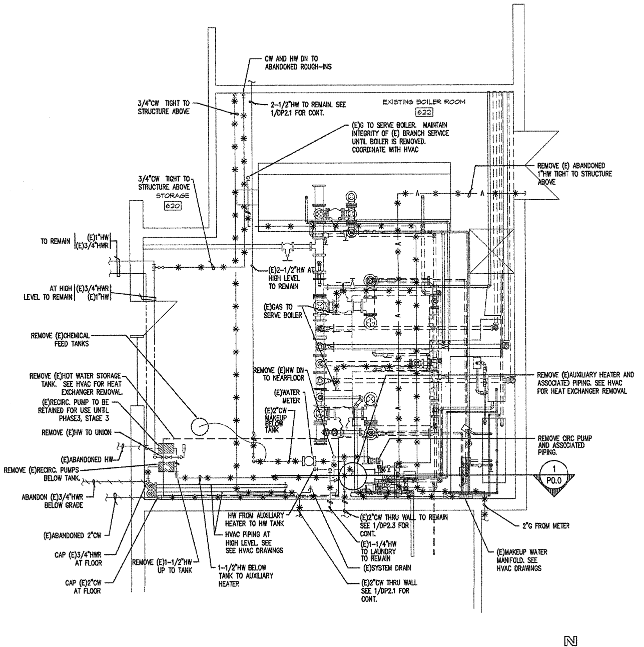
PARTIAL FLOOR
PLANS - PLUMBING

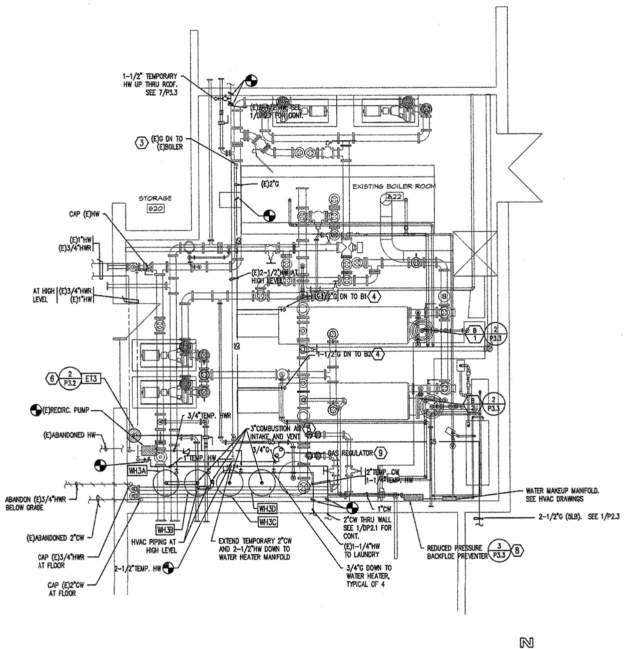
PROJECT NUMBER	DATE
01023	04-04-03

P2.4


CW AND HW DN TO ABANDONED ROUGH-INS
3/4"CW TIGHT TO STRUCTURE ABOVE
2-1/2"HW TO REMAIN. SEE 1/DP2.1 FOR CONT.
EXISTING BOILER ROOM
622
(E)G TO SERVE BOILER. MAINTAIN INTEGRITY OF (E) BRANCH SERVICE UNTIL BOILER IS REMOVED. COORDINATE WITH HVAC
REMOVE (E) ABANDONED 1"HW TIGHT TO STRUCTURE ABOVE
3/4"CW TIGHT TO STRUCTURE ABOVE
STORAGE
620
TO REMAIN (E)1"HW (E)3/4"HWR
(E)2-1/2"HW AT HIGH LEVEL TO REMAIN
AT HIGH LEVEL TO REMAIN (E)3/4"HWR (E)1"HW
(E)GAS TO SERVE BOILER
REMOVE (E)CHEMICAL FEED TANKS
REMOVE (E)HOT WATER STORAGE TANK. SEE HVAC FOR HEAT EXCHANGER REMOVAL.
(E)RECIRC. PUMP TO BE RETAINED FOR USE UNTIL PHASE3, STAGE 3
REMOVE (E)HW TO UNION
REMOVE (E)HW DN TO NEARFLOOR
(E)WATER METER
(E)2"CW MAKEUP BELOW TANK
REMOVE (E)AUXILIARY HEATER AND ASSOCIATED PIPING. SEE HVAC FOR HEAT EXCHANGER REMOVAL
REMOVE CIRC PUMP AND ASSOCIATED PIPING.
1
P0.0
(E)ABANDONED HW
REMOVE (E)RECIRC. PUMPS BELOW TANK.
ABANDON (E)3/4"HWR BELOW GRADE
(E)ABANDONED 2"CW
CAP (E)3/4"HWR AT FLOOR
CAP (E)2"CW AT FLOOR
REMOVE (E)1-1/2"HW UP TO TANK
1-1/2"HW BELOW TANK TO AUXILIARY HEATER
HW FROM AUXILIARY HEATER TO HW TANK
HVAC PIPING AT HIGH LEVEL. SEE SEE HVAC DRAWINGS
(E)2"CW THRU WALL TO REMAIN SEE 1/DP2.3 FOR CONT.
(E)1-1/4"HW TO LAUNDRY TO REMAIN
(E)SYSTEM DRAIN
(E)2"CW THRU WALL SEE 1/DP2.1 FOR CONT.
2"G FROM METER
(E)MAKEUP WATER MANIFOLD. SEE HVAC DRAWINGS
N

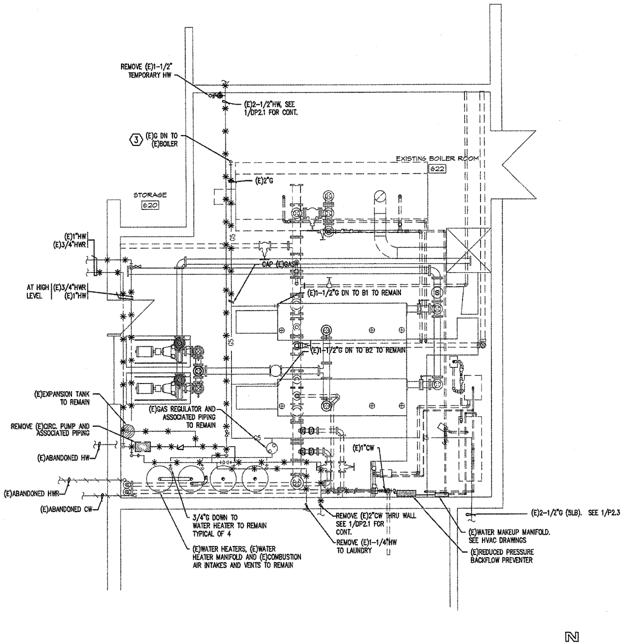
1 / P2.5 **BOILER ROOM DEMO - PHASE 3, STAGE 1 - PLUMBING**

1/4"=1'-0"


1-1/2" TEMPORARY HW UP THRU ROOF. SEE 7/P3.3
(E)2-1/2"HW SEE 1/DP2.1 FOR CONT.
3
(E)G DN TO (E)BOILER
(E)2"G
EXISTING BOILER ROOM
622
STORAGE
620
CAP (E)HW
(E)1"HW (E)3/4"HWR
(E)2-1/2"HW AT HIGH LEVEL
AT HIGH LEVEL (E)3/4"HWR (E)1"HW
(E)1-1/2"G DN TO B1
4
B 1
2 P3.3
1-1/2"G DN TO B2
6
2 P3.2
ET3
(E)RECIRC. PUMP
3/4"TEMP. HWR
(E)ABANDONED HW
3"COMBUSTION AIR INTAKE AND VENT
3/4"G
GAS REGULATOR
9
1"TEMP. HW
2"TEMP. CW 1-1/4"TEMP. HW
B 2
2 P3.3
WH3A
WH3B
WH3C
WH3D
ABANDON (E)3/4"HWR BELOW GRADE
(E)ABANDONED 2"CW
CAP (E)3/4"HWR AT FLOOR
CAP (E)2"CW AT FLOOR
HVAC PIPING AT HIGH LEVEL
2-1/2"TEMP. HW
EXTEND TEMPORARY 2"CW AND 2-1/2"HW DOWN TO WATER HEATER MANIFOLD
1"CW
2"CW THRU WALL SEE 1/DP2.1 FOR CONT.
(E)1-1/4"HW TO LAUNDRY
3/4"G DOWN TO WATER HEATER, TYPICAL OF 4
WATER MAKEUP MANIFOLD. SEE HVAC DRAWINGS
2-1/2"G (5LB). SEE 1/P2.3
REDUCED PRESSURE BACKFLOE PREVENTER
3 P3.3
8
N

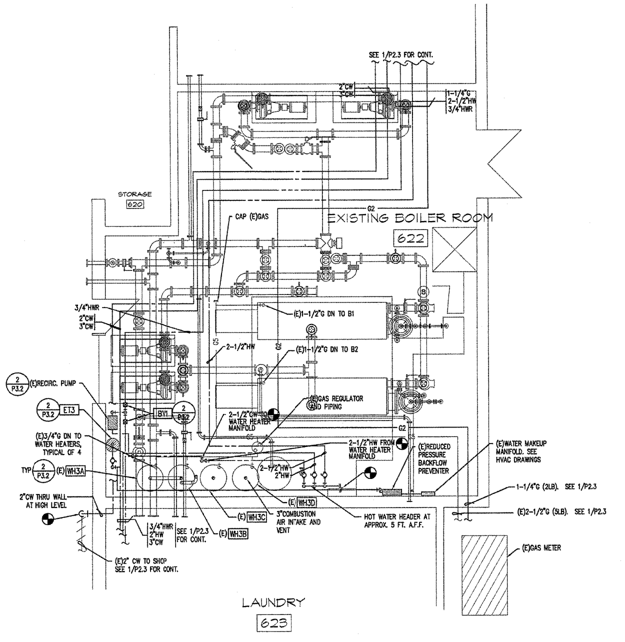
2 / P2.5 **BOILER ROOM - PHASE 3, STAGE 1 - PLUMBING**

1/4"=1'-0"


REMOVE (E)1-1/2" TEMPORARY HW
(E)2-1/2"HW, SEE 1/DP2.1 FOR CONT.
3
(E)G DN TO (E)BOILER
EXISTING BOILER ROOM
622
(E)2"G
STORAGE
620
(E)1"HW (E)3/4"HWR
CAP (E)GAS
AT HIGH LEVEL (E)3/4"HWR (E)1"HW
(E)1-1/2"G DN TO B1 TO REMAIN
(E)1-1/2"G DN TO B2 TO REMAIN
(E)EXPANSION TANK TO REMAIN
(E)GAS REGULATOR AND ASSOCIATED PIPING TO REMAIN
REMOVE (E)CIRC. PUMP AND ASSOCIATED PIPING
(E)ABANDONED HW
(E)1"CW
(E)ABANDONED HWR
(E)ABANDONED CW
3/4"G DOWN TO WATER HEATER TO REMAIN TYPICAL OF 4
(E)WATER HEATERS, (E)WATER HEATER MANIFOLD AND (E)COMBUSTION AIR INTAKES AND VENTS TO REMAIN
REMOVE (E)2"CW THRU WALL SEE 1/DP2.1 FOR CONT.
REMOVE (E)1-1/4"HW TO LAUNDRY
(E)2-1/2"G (5LB). SEE 1/P2.3
(E)WATER MAKEUP MANIFOLD. SEE HVAC DRAWINGS
(E)REDUCED PRESSURE BACKFLOW PREVENTER
N

3 / P2.5 **BOILER ROOM DEMO - PHASE 3, STAGE 3 - PLUMBING**

1/4"=1'-0"


SEE 1/P2.3 FOR CONT.
2"CW 3"CW
1-1/4"G 2-1/2"HW 3/4"HWR
STORAGE
620
CAP (E)GAS
G2
EXISTING BOILER ROOM
622
3/4"HWR
2"CW 3"CW
(E)1-1/2"G DN TO B1
2-1/2"HW
(E)1-1/2"G DN TO B2
2 P3.2
(E)RECIRC. PUMP
2 P3.2
ET3
BV1
2 P3.2
(E)GAS REGULATOR AND PIPING
2-1/2"CW TO WATER HEATER MANIFOLD
(E)3/4"G DN TO WATER HEATERS, TYPICAL OF 4
TYP 2 P3.2 (E) WH3A
2-1/2"HW FROM WATER HEATER MANIFOLD
(E)REDUCED PRESSURE BACKFLOW PREVENTER
(E)WATER MAKEUP MANIFOLD. SEE HVAC DRAWINGS
2-1/2"HW 2"HW
1-1/4"G (2LB). SEE 1/P2.3
(E)2-1/2"G (5LB). SEE 1/P2.3
2"CW THRU WALL AT HIGH LEVEL
(E) WH3D
(E) WH3C
3"COMBUSTION AIR INTAKE AND VENT
HOT WATER HEADER AT APPROX. 5 FT. A.F.F.
3/4"HWR 2"HW 3"CW
SEE 1/P2.3 FOR CONT.
(E) WH3B
(E)2" CW TO SHOP SEE 1/P2.3 FOR CONT.
(E)GAS METER
LAUNDRY
623
N

4 / P2.5 **BOILER ROOM - PHASE 3, STAGE 3 - PLUMBING**

1/4"=1'-0"

PHASING NOTES

1 REFER TO AND COORDINATE WITH PHASING PLANS FOR ALL DISCIPLINES.

NOTES THIS SHEET ⬡

1 FLUSH VALVE HANDLE ON APPROACH SIDE OF WATER CLOSET.

2 PROVIDE WALL ACCESS PANEL WITH VANDAL PROOF SCREWS AND LOCKING MECHANISM. COORDINATE EXACT PANEL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. LOCATE ARRESTOR DIRECTLY BEHIND ACCESS PANEL.

3 MAINTAIN EXISTING BRANCH CONNECTION UNTIL EXISTING BOILER IS REMOVED. AFTER EXISTING BOILER REMOVAL, DEMOLISH LINE BACK TO BOILER B1 BRANCH AND CAP.

4 COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT PRIOR TO ROUGH-IN.

5 UP THRU ROOF. OFFSET AS REQUIRED TO AVOID HVAC PIPING AND TO MAINTAIN MANUFACTURERS RECOMMENDED CLEARANCES FOR ADJACENT TERMINALS.

6 MOUNT EQUIPMENT TEMPORARILY UNTIL FINAL INSTALLATION DURING PHASE 3, STAGE 3.

7 EXTEND TEMPORARY HWR PIPING TO SERVE WATER HEATER SYSTEM.

8 ROUTE DRAIN TO OVER (E)SUMP. SEE 1/P2.3 FOR SUMP LOCATION.

9 5LB GAS TO 2LB GAS REGULATOR. 796 CFH. VENT TO EXTERIOR AS REQUIRED. PROVIDE PRESSURE TAP TEST PLUGS UPSTREAM AND DOWNSTREAM OF REGULATOR. PROVIDE STRAINER OR DIRT/DRIP LEG IMMEDIATELY UPSTREAM OF REGULATOR.

GENERAL NOTES

1 CONTRACTOR TO VERIFY EXACT CONDITIONS IN THE FIELD.

2 USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED.

3 PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED IN HARD CEILINGS AS REQUIRED. LOCATE VALVES DIRECTLY BEHIND ACCESS PANELS.

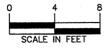
4 LOCATE PLUMBING VENTS A MINIMUM 10 FEET HORIZONTAL FROM MECHANICAL FRESH AIR INTAKES.

5 FLASH AND COUNTERFLASH VTR PENETRATIONS OF ROOF MEMBRANE. SEAL ROOF PENETRATION WEATHERTIGHT.

6 COORDINATE EXACT LOCATION OF FLOOR DRAINS WITH ARCHITECT PRIOR TO ROUGH-IN.

SAWCUT NOTE :

SAWCUTTING BY GENERAL CONTRACTOR. COORDINATE DIV. 15 SAWCUTTING REQUIREMENTS WITH GENERAL CONTRACTOR.



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PARTIAL FLOOR
PLANS - PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

P2.5

PLUMBING CONNECTION SCHEDULE

SYM	FIXTURE	W	V	CW	HW	REMARKS
WC1	WATER CLOSET	4	2	1	---	FLUSH VALVE, WALL MOUNT, VITREOUS CHINA, AMERICAN STANDARD AFWALL EL #2257.103, 1.6 GPF, ELONGATED BOWL. SEAT; CHURCH MODEL #295C SEAT WITH SELFSUSTAINING CHECK HINGES. VALVE; SLOAN ROYAL MODEL #111. MOUNT TOILET RIM AT 14-3/4 INCHES AFF.
WC2 *	WATER CLOSET	4	2	1	---	SAME AS WC1 EXCEPT MOUNTED AT A HEIGHT TO COMPLY WITH ADA. MOUNT TOILET RIM AT 17-1/2 INCHES AFF.
WC3 *	WATER CLOSET	4	2	1	---	FLUSH VALVE, FLOOR MOUNT, VITREOUS CHINA, 17" RIM HEIGHT, ELONGATED BOWL, 1.6 GPF, AMERICAN STANDARD MADERA #3043.102. SEAT; CHURCH MODEL #295C SEAT WITH SELF-SUSTAINING CHECK HINGES. VALVE; SLOAN ROYAL MODEL #111.
UR1	URINAL	2	2	3/4	---	FLUSH VALVE, WALL TYPE, VITREOUS CHINA, 1.0 GPF, AMERICAN STANDARD TRIMBROOK #6561.017. VALVE; SLOAN ROYAL MODEL #186-1. SUPPORT; JR SMITH #0637. PROVIDE STRAINER. MOUNT URINAL RIM AT 24 INCHES AFF.
UR2 *	URINAL	2	2	3/4	---	SAME AS UR1 EXCEPT MOUNTED AT A HEIGHT TO COMPLY WITH ADA. MOUNT URINAL RIM AT 17 INCHES AFF.
L1 *	LAVATORY	1 1/2	1 1/2	1/2	1/2	WALL HUNG, CONCEALED ARM SUPPORT, VITREOUS CHINA, AMERICAN STANDARD LUCERNE #0355.012. FAUCET; CHICAGO #2200-4, WITH ADJUSTABLE HOT LIMIT SAFETY STOP. SUPPORT; JR SMITH #700 M31. PROVIDE GRID STRAINER. MOUNT AT A HEIGHT TO COMPLY WITH ADA. PROVIDE HANDICAP PROTECTION (TRAP, CW SUPPLY, HW SUPPLY) PER SPECIFICATIONS. MOUNT TOP OF FRONT RIM AT 34 INCHES AFF.
LS1 *	LAVATORY SYSTEM	1 1/2	1 1/2	1/2	1/2	BARRIER FREE, 2 BOWL MODULE, ACCOMMODATE ONE TO TWO USERS. CORTERRA OR APPROVED CAST POLYESTER RESIN MATERIAL. VANDAL RESISTANT, FRONT ACCESS PANEL, WALL HUNG WITH 16 GA SS SCALLOPED ENCLOSURE STYLE, AIR METERING CONTROL VALVE, 0.5 GPM FLOW CONTROL PER STATION, INTEGRAL THERMOSTATIC MIXING VALVE, ACORN MERIDIAN CORTERRA MODEL #3772-1-H-SESSPX. MOUNT TOP OF FRONT RIM AT 34 INCHES AFF.
S1	SINK	2	1 1/2	1/2	1/2	COUNTER MOUNT, SINGLE COMPARTMENT SS 18 GAUGE, ELKAY #LR-2522; FOR 2 HOLE FAUCET; ELKAY #LK-18B GRID STRAINER, FAUCET; CHICAGO #2302 WITH SWING SPOUT AND ADJUSTABLE LIMIT STOP.
S2	SINK	2	1 1/2	1/2	1/2	COUNTER MOUNT, SINGLE COMPARTMENT ENAMELED STEEL, AMERICAN STANDARD #7143.803; FOR 2 HOLE FAUCET; AMERICAN STANDARD 4331.013 BASKET STRAINER, FAUCET; CHICAGO #2302 WITH SWING SPOUT AND ADJUSTABLE LIMIT STOP.
S3*	SINK	2	1 1/2	1/2	1/2	COUNTER MOUNT, TWO COMPARTMENT SS 18 GAUGE, ELKAY #LR-3322; FOR 2 HOLE FAUCET; ELKAY #LK-18B GRID STRAINER, FAUCET; CHICAGO #2302 WITH SWING SPOUT AND ADJUSTABLE TEMPERATURE LIMIT STOP.
SH1 *	SHOWER	2	1 1/2	1/2	1/2	ONE-PIECE, HANDICAP SHOWER STALL, FIBER-FAB MODEL #36-H WITH FOLD UP SEAT AND GRAB BAR, PRESSURE BALANCING TYPE SHOWER VALVE, DELTA #1305-WSHDF WITH TEMPERATURE LIMIT HELD SHOWE ASSEMBLY WITH ADJUSTABLE STOP AND DELTA #RPW324HDF HAND HEIGHT SLIDE BRACKET AND SS WALL BAR, DOUBLE SPIRAL CHROME PLATED BRASS FLEXIBLE HOSE AND INLINE VACUUM BREAKER. FURNISH PRIMED TRAP AND STRAINER AS REQUIRED. MOUNT SHOWER CONTROLS AT 38 INCHES AFF AND CENTERLINE OF BOTTOM WALL BRACKET WALL CONNECTION AT 48 INCHES AFF.
MS1	MOP SINK	3	1 1/2	3/4	3/4	FIBERGLASS MOP SINK, MUSTEE #63M, WITH STRAINER; CHICAGO # 897 FAUCET WITH VACUUM BREAKER, WALL BRACE, PAIL HOOK, AND 3/4" HOSE THREAD OUTLET.
DF1	DRINKING FOUNTAIN	1 1/2	1 1/2	1/2	---	SEMI-RECESSED, 18 GA, SS, SATIN FINISH, VANDAL RESISTANT BOTTOM PLATES, FRONT PUSH-BAR CONTROL; ELKAY #EDFA-11C. MOUNT ORIFICE HEIGHT AT 40 INCHES AFF.
DF2 *	DRINKING FOUNTAIN	1 1/2	1 1/2	1/2	---	SAME AS DF1 EXCEPT MOUNTED AT A HEIGHT TO COMPLY WITH ADA. MOUNT ORIFICE HEIGHT AT 36 INCHES TO COMPLY WITH ADA REQUIREMENTS.
FD1	FLOOR DRAIN	3	1 1/2	PRIME	---	JR SMITH #2005 SERIES, ROUND STRAINER. PROVIDE APPROPRIATE STRAINER HEAD TO INCORPORATE WITH FLOOR FINISH. SEE ARCHITECTURAL.
FD2	FLOOR DRAIN	4	2	PRIME	---	SAME AS FD1.
FD3	FLOOR DRAIN	3	1 1/2	PRIME	---	JR SMITH #3020, ACID RESISTANT COATEDNTERIOR, ROUND STRAINER, DOME BOTTOM STRAINER. PROVIDE WITH FUNNEL JR SMITH #3590. PROVIDE DURIRON TRAP WITH PRIMER CONNECTION.
FD4	FLOOR DRAIN	3	1 1/2	PRIME	---	JR SMITH #2050 SERIES, ROUND STRAINER WITH FLASH CLAMPING RING FOR WATERTIGHT SEAL. VERIFY EXACT REQUIREMENTS WITH SHEET FLOORING SUPPLIER PRIOR TO ORDERING.
RD1	ROOF DRAIN	---	---	---	---	JR SMITH #1010, SEE PLANS FOR SIZE
OD1	OVERFLOW DRAIN	---	---	---	---	JR SMITH #1070, SEE PLANS FOR SIZE
DN1	DOWNSPOUT NOZZLE	---	---	---	---	JR SMITH #1770, SEE PLANS FOR SIZE
HB1	HOSE BIBB	---	---	3/4	---	ANTISIPHON, AUTOMATIC DRAINING, NONFREEZE WALL HYDRANT, LOOSE KEY, INTEGRAL VACUUM BREAKER, WOODFORD MODEL 65 SERIES.
HB2	HOSE BIBB	---	---	3/4	---	INTERIOR SILL FAUCET, INTEGRAL VACUUM BREAKER, REMOVABLE T HANDLE, 3/4" INLET, 3/4" HOSE THREAD OUTLET, CHICAGO #952.
WH3A	WATER HEATER GAS	---	---	---	---	DIRECT VENT TANK TYPE WATER HEATER, A.O. SMITH MODEL #BTH-199, 100 GALLON CAPACITY, 227 GPH RECOVERY AT 100 DEGREE TEMPERATURE RISE.
WH3B	WATER HEATER GAS	---	---	---	---	SAME AS WH3A.
WH3C	WATER HEATER GAS	---	---	---	---	SAME AS WH3A.
WH3D	WATER HEATER GAS	---	---	---	---	SAME AS WH3A.
WH4A	WATER HEATER GAS	---	---	---	---	DIRECT VENT TANK TYPE WATER HEATER, A.O. SMITH MODEL #BTH-199, 100 GALLON CAPACITY, 227 GPH RECOVERY AT 100 DEGREE TEMPERATURE RISE.

SYM	FIXTURE	W	V	CW	HW	REMARKS
WH4B	WATER HEATER GAS	---	---	---	---	SAME AS WH4A.
WH4C	WATER HEATER GAS	---	---	---	---	SAME AS WH4A.
ET3	EXPANSION TANK BOILER ROOM	---	---	---	---	FIXED BLADDER EXPANSION TANK, POTABLE WATER, 140 DEGREE F, 22 GALLON TANK, 12 GALLON MAX. ACCEPTANCE AT 40 PSIG. MAXIMUM WORKING PRESSURE 150 PSIG. WESSELS MODEL #TTA-42
ET4	EXPANSION TANK	---	---	---	---	REPLACEABLE BLADDER EXPANSION TANK, POTABLE WATER, 140 DEGREE F, 10.6 GALLON TANK, 10.6 GALLON MAX. ACCEPTANCE AT 40 PSIG. MAXIMUM WORKING PRESSURE 150 PSIG. WESSELS MODEL #25-TX
CP6	RECIRC. PUMP BOILER ROOM	---	---	---	---	ALL BRONZE INLINE CENTRIFUGAL PUMP, 9 GPM AT 33 FEET OF HEAD, 2/5 HORSEPOWER, 115 VOLT, SINGLE PHASE, BELL & GOSSETT SERIES PL #PL-55B.
CP7	RECIRC. PUMP	---	---	---	---	ALL BRONZE INLINE CENTRIFUGAL PUMP, 3 GPM AT 4 FEET OF HEAD, 44 WATT, 115 VOLT, SINGLE PHASE, BELL & GOSSETT BRONZE FOX MODEL #MBF-9U/LW
BV1	BALANCING VALVE	---	---	---	---	CALIBRATED BALANCING VALVE WITH MEMORY STOP AND PRESSURE READ OUT PORTS.
GV1	GAS SOLENOID VALVE	---	---	---	---	GAS SHUT OFF VALVE PROVIDED WITH ANSUL FIRE SYSTEM. VALVE TO SHUT OFF GAS TO KITCHEN EQUIPMENT IN EVENT OF FIRE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
FS1	FLOOR SINK	3	1 1/2	PRIME	---	JR SMITH 3161, 3/4 GRATE, PORCELAIN ENAMEL INTERIOR, SEDIMENT BUCKET.
FS2	FLOOR SINK	3	1 1/2	PRIME	---	SAME AS FS1 EXCEPT WITH 1/2 GRATE.
FS3	FLOOR SINK	3	1 1/2	PRIME	---	SAME AS FS1 EXCEPT WITH NO GRATE.
GT1	GREASE TRAP	---	---	---	---	JR SMITH #8050, 50 GPM FLOW RATE. 100 LBS. CAPACITY. SEE FLOOR PLANS FOR PHYSICAL DIMENSIONS. PROVIDE EXTENSIONS AS REQUIRED.
P3**	ICE MACHINE	ID	---	1/2	---	**
P5**	FLOOR TROUGH	3	1-1/2"	---	---	**
P8**	SINK FAUCET	ID	---	1/2	1/2	**
P10**	DISPOSER	---	---	1/2	---	PROVIDE VACUUM BREAKER, FLOW CONTROL AND SOLENOID VALVE AS REQUIRED. **
P11**	DISPOSER	2	1-1/2	---	---	**
P14**	(2) OPEN BURNER/ WORK TOP CABINET	--	---	--	---	1/2"GAS, 60 MBH, SEE 7/P3.2 **
P15**	TILTING SKILLET	--	---	--	---	3/4"GAS, 91 MBH, SEE 7/P3.2 **
P16**	SKILLET FILL FAUCET	ID	---	1/2	1/2	**
P17**	DOUBLE STACK CONVECTION OVENS	--	---	--	---	(2) 1/2" GAS, 110 MBH TOTAL, SEE 7/P3.2 **
P21**	RACK OVENS	--	---	---	---	3/4"GAS, 175 MBH, SEE 7/P3.2 **
P22**	RACK OVENS	ID	---	1/2	---	**
P24**	ROLL IN PROOFING CABINET	ID	---	1/2	---	**
P25**	CONVECTION STEAMER	--	---	--	---	1/2"GAS, 144 MBH
P26**	CONVENTION STEAM	ID	---	1/2	---	**
P27**	KETTLE FILL	ID	---	1/2	1/2	**
P28**	FLOOR TROUGH	3	1-1/2	---	---	**
P32**	FILL FAUCET	ID	---	1/2	---	**
P37**	SINK DRAINS	2	1-1/2	---	---	**
P40**	WAREWASHER	ID	---	---	3/4	NOT BY MECHANICAL; PROVIDE 3/4" CONNECTION FROM BOOSTER HEATER. PROVIDE PRESSURE REDUCING DOWN TO 20 PSIG; APPROVED WATER HAMMER ARRESTOR AND VACUUM BREAKER, ROUTE ID TO OVER NEARBY FS AS REQUIRED. **
P42**	BOOSTER HEATER	---	---	---	3/4	EXTEND HW CONNECTION TO WAREWASHER AS REQUIRED. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH FOOD SERVICE PROVIDERS PRIOR TO ROUGH -IN **
P43**	PRERINSE	---	---	1/2	1/2	NOT BY MECHANICAL, INSTALL AND CONNECT. PROVIDE VACUUM BREAKERS. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH FOOD SERVICE PROVIDERS PRIOR TO ROUGH -IN. **
P44**	DISPOSER	2	1-1/2	---	---	NOT BY MECHANICAL, INSTALL AND CONNECT. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH FOOD SERVICE PROVIDERS PRIOR TO ROUGH -IN. PROVIDE VACUUM BREAKER, FLOW CONTROL AND SOLENOID VALVE AS REQUIRED.**
P48**	FLOOR STUB FOR HOT FOOD UNIT	ID	---	1/2	---	**
AW1	AUTOMATIC CLOTHESWASHER	2	1-1/2	1/2	1/2	WASHING MACHINE SUPPLY AND DRAIN, GUY GREY MODEL NO. BB-200TS
IM1	ICE MAKER CONNECTION	---	---	1/2	---	IN WALL ICEMAKER SUPPLY VALVE, GUY GREY MODEL #BIM875

I.D.	INDIRECT DRAIN
*	TO MEET ADA REQUIREMENTS
**	EQUIPMENT NOT BY PLUMBER. CONTRACTOR TO CONNECT COMPLETE. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ANY ROUGHIN.

NOTE: VENT LINES TO BE OMITTED ON FLOOR SINKS, FLOOR TROUGHS, AND FLOOR DRAINS WITHIN APPROPRIATE DISTANCE FROM A VENTED WASTE LINE AS PERMITTED BY STATE OF OREGON PLUMBING SPECIALTY CODE AMENDMENTS TO THE UNIFORM PLUMBING CODE AND LOCAL AUTHORIT IES.

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03/28/03
REGISTERED PROFESSIONAL ENGINEER
12,606
OREGON
JULY 13, 1984
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245

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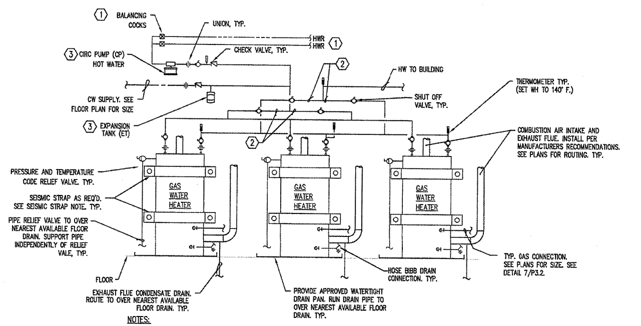
HIGH SCHOOL RECONSTRUCTION

△ REVISED

PLUMBING
CONNECTION
SCHEDULE

PROJECT NUMBER 01023
DATE 04-04-03

P3.1



1 BALANCING COCKS
UNION, TYP.
HWR
HWR 1
3 CIRC PUMP (CP) HOT WATER
CHECK VALVE, TYP.
2
HW TO BUILDING
CW SUPPLY. SEE FLOOR PLAN FOR SIZE
THERMOMETER TYP. (SET WH TO 140° F.)
SHUT OFF VALVE, TYP.
3 EXPANSION TANK (ET)
2
COMBUSTION AIR INTAKE AND EXHAUST FLUE. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SEE PLANS FOR ROUTING. TYP.
PRESSURE AND TEMPERATURE CODE RELIEF VALVE. TYP.
SEISMIC STRAP AS REQ'D. SEE SEISMIC STRAP NOTE. TYP.
GAS WATER HEATER
GAS WATER HEATER
GAS WATER HEATER
PIPE RELIEF VALVE TO OVER NEAREST AVAILABLE FLOOR DRAIN. SUPPORT PIPE INDEPENDENTLY OF RELIEF VALE, TYP.
TYP. GAS CONNECTION. SEE PLANS FOR SIZE. SEE DETAIL 7/P3.2.
HOSE BIBB DRAIN CONNECTION. TYP.
FLOOR
EXHAUST FLUE CONDENSATE DRAIN. ROUTE TO OVER NEAREST AVAILABLE FLOOR DRAIN. TYP.
PROVIDE APPROVED WATERTIGHT DRAIN PAN. RUN DRAIN PIPE TO OVER NEAREST AVAILABLE FLOOR DRAIN. TYP.

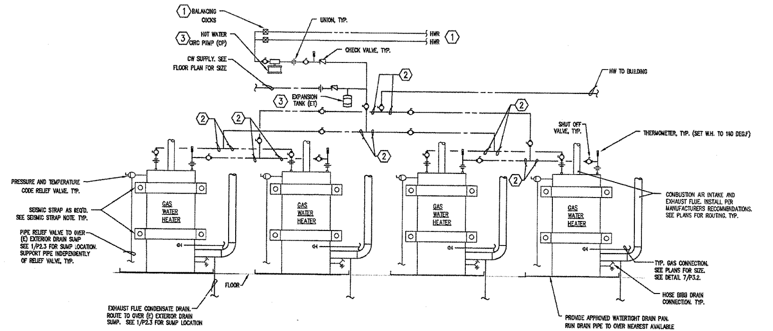
NOTES:

1. WHEN MULTIPLE HW CIRCULATION LOOPS ARE REQUIRED.
2. ALL WATER HEATER MANIFOLD PIPING TO BE CENTERED ON AND EQUIDISTANT BETWEEN MANIFOLDED HEATERS. ALL BRANCH LINES TO AND FROM MANIFOLDS TO BE EQUALLY SIZED.
3. SUPPORT EXPANSION TANK AND CIRC. PUMP FROM WALL NEAR WATER HEATER. SUPPORT INDEPENDENTLY OF PIPING.

SEISMIC STRAP NOTE
GALVANIZED SHEET METAL SEISMIC STRAP. SECURE STRAP TO STRUCTURE AS REQUIRED. LOCATE STRAPS AT UPPER 1/3 OF EQUIPMENT VERTICAL DIMENSION AND LOWER 1/3 OF EQUIPMENT VERTICAL DIMENSION. LOWER STRAP TO MAINTAIN A MINIMUM CLEARANCE OF 4 INCHES ABOVE EQUIPMENT CONTROLS.

1 / P3.2 TRIPLE MANIFOLD WATER HEATER DETAIL

DIAGRAMMATIC



1 BALANCING COCKS
UNION, TYP.
HWR
HWR 1
3 HOT WATER CIRC PUMP (CP)
CHECK VALVE, TYP.
CW SUPPLY. SEE FLOOR PLAN FOR SIZE
2
HW TO BUILDING
3 EXPANSION TANK (ET)
2
2
2
2
2
SHUT OFF VALVE, TYP.
THERMOMETER, TYP. (SET W.H. TO 140 DEG.F)
PRESSURE AND TEMPERATURE CODE RELIEF VALVE. TYP.
SEISMIC STRAP AS REQ'D. SEE SEISMIC STRAP NOTE. TYP.
PIPE RELIEF VALVE TO OVER (E) EXTERIOR DRAIN SUMP SEE 1/P2.3 FOR SUMP LOCATION. SUPPORT PIPE INDEPENDENTLY OF RELIEF VALVE, TYP.
GAS WATER HEATER
GAS WATER HEATER
GAS WATER HEATER
GAS WATER HEATER
COMBUSTION AIR INTAKE AND EXHAUST FLUE. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SEE PLANS FOR ROUTING. TYP.
TYP. GAS CONNECTION. SEE PLANS FOR SIZE. SEE DETAIL 7/P3.2.
HOSE BIBB DRAIN CONNECTION. TYP.
FLOOR
EXHAUST FLUE CONDENSATE DRAIN. ROUTE TO OVER (E) EXTERIOR DRAIN SUMP. SEE 1/P2.3 FOR SUMP LOCATION
PROVIDE APPROVED WATERTIGHT DRAIN PAN. RUN DRAIN PIPE TO OVER NEAREST AVAILABLE FLOOR DRAIN. TYP.

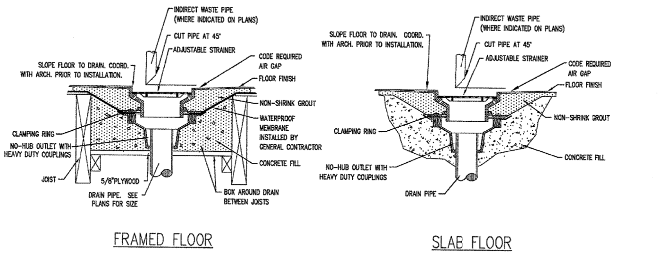
NOTES:

1. WHEN MULTIPLE HW CIRCULATION LOOPS ARE REQUIRED.
2. ALL WATER HEATER MANIFOLD PIPING TO BE CENTERED ON AND EQUIDISTANT BETWEEN MANIFOLDED HEATERS. ALL BRANCH LINES TO AND FROM MANIFOLDS TO BE EQUALLY SIZED.
3. SUPPORT EXPANSION TANK AND CIRC. PUMP FROM WALL NEAR WATER HEATER. SUPPORT INDEPENDANTLY OF PIPING.

SEISMIC STRAP NOTE
GALVANIZED SHEET METAL SEISMIC STRAP. SECURE STRAP TO STRUCTURE AS REQUIRED. LOCATE STRAPS AT UPPER 1/3 OF EQUIPMENT VERTICAL DIMENSION AND LOWER 1/3 OF EQUIPMENT VERTICAL DIMENSION. LOWER STRAP TO MAINTAIN A MINIMUM CLEARANCE OF 4 INCHES ABOVE EQUIPMENT CONTROLS.

2 / P3.2 QUAD MANIFOLD WATER HEATER DETAIL

DIAGRAMMATIC



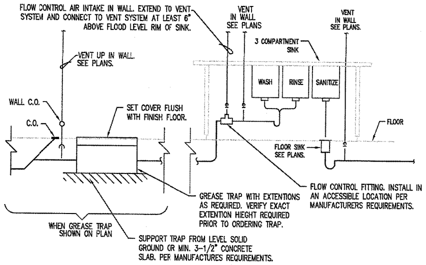
INDIRECT WASTE PIPE (WHERE INDICATED ON PLANS)
CUT PIPE AT 45°
ADJUSTABLE STRAINER
SLOPE FLOOR TO DRAIN. COORD. WITH ARCH. PRIOR TO INSTALLATION.
CODE REQUIRED AIR GAP
FLOOR FINISH
NON-SHRINK GROUT
WATERPROOF MEMBRANE INSTALLED BY GENERAL CONTRACTOR
CLAMPING RING
NO-HUB OUTLET WITH HEAVY DUTY COUPLINGS
CONCRETE FILL
JOIST
5/8"PLYWOOD
DRAIN PIPE. SEE PLANS FOR SIZE
BOX AROUND DRAIN BETWEEN JOISTS
INDIRECT WASTE PIPE (WHERE INDICATED ON PLANS)
SLOPE FLOOR TO DRAIN. COORD. WITH ARCH. PRIOR TO INSTALLATION.
CUT PIPE AT 45°
ADJUSTABLE STRAINER
CODE REQUIRED AIR GAP
FLOOR FINISH
NON-SHRINK GROUT
CLAMPING RING
NO-HUB OUTLET WITH HEAVY DUTY COUPLINGS
CONCRETE FILL
DRAIN PIPE

FRAMED FLOOR

SLAB FLOOR

3 / P3.2 FLOOR DRAIN DETAIL

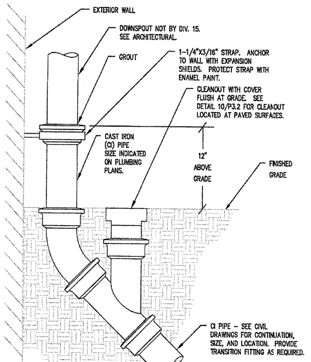
DIAGRAMMATIC



FLOW CONTROL AIR INTAKE IN WALL. EXTEND TO VENT SYSTEM AND CONNECT TO VENT SYSTEM AT LEAST 6" ABOVE FLOOD LEVEL RIM OF SINK.
VENT IN WALL SEE PLANS
VENT IN WALL SEE PLANS.
3 COMPARTMENT SINK
VENT UP IN WALL. SEE PLANS.
WASH
RINSE
SANITIZE
WALL C.O.
C.O.
SET COVER FLUSH WITH FINISH FLOOR.
FLOOR
FLOOR SINK SEE PLANS.
FLOW CONTROL FITTING. INSTALL IN AN ACCESSIBLE LOCATION PER MANUFACTURERS REQUIREMENTS.
GREASE TRAP WITH EXTENTIONS AS REQUIRED. VERIFY EXACT EXTENTION HIEGHT REQUIRED PRIOR TO ORDERING TRAP.
WHEN GREASE TRAP SHOWN ON PLAN
SUPPORT TRAP FROM LEVEL SOLID GROUND OR MIN. 3-1/2" CONCRETE SLAB. PER MANUFACTURES REQUIREMENTS.

4 / P3.2 3 COMPARTMENT SINKS

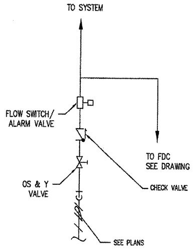
DIAGRAMMATIC



EXTERIOR WALL
DOWNSPOUT NOT BY DIV. 15. SEE ARCHITECTURAL.
GROUT
1-1/4"X3/16" STRAP. ANCHOR TO WALL WITH EXPANSION SHIELDS. PROTECT STRAP WITH ENAMEL PAINT.
CLEANOUT WITH COVER FLUSH AT GRADE. SEE DETAIL 10/P3.2 FOR CLEANOUT LOCATED AT PAVED SURFACES.
CAST IRON (CI) PIPE SIZE INDICATED ON PLUMBING PLANS.
12" ABOVE GRADE
FINISHED GRADE
CI PIPE - SEE CIVIL DRAWINGS FOR CONTINUATION, SIZE, AND LOCATION. PROVIDE TRANSITION FITTING AS REQUIRED.

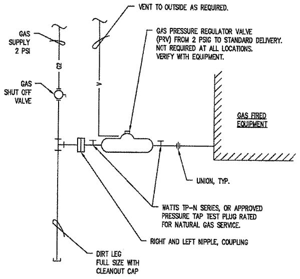
5 / P3.2 DOWN SPOUT DETAIL

DIAGRAMMATIC



6 / P3.2 FIRE RISER DETAIL

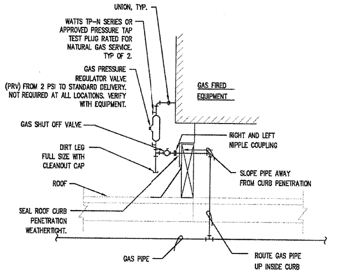
DIAGRAMMATIC



VENT TO OUTSIDE AS REQUIRED.
GAS SUPPLY 2 PSI
GAS PRESSURE REGULATOR VALVE (PRV) FROM 2 PSIG TO STANDARD DELIVERY. NOT REQUIRED AT ALL LOCATIONS. VERIFY WITH EQUIPMENT.
G2
A
GAS SHUT OFF VALVE
GAS FIRED EQUIPMENT
UNION, TYP.
WATTS TP-N SERIES, OR APPROVED PRESSURE TAP TEST PLUG RATED FOR NATURAL GAS SERVICE.
RIGHT AND LEFT NIPPLE, COUPLING
DIRT LEG FULL SIZE WITH CLEANOUT CAP

7 / P3.2 TYPICAL GAS CONNECTION

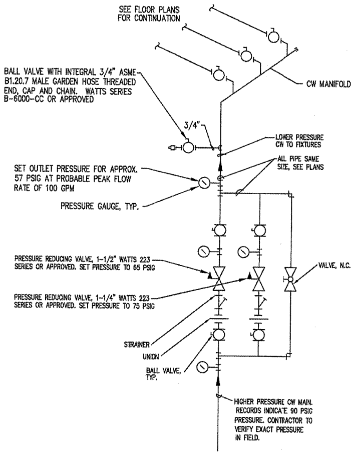
DIAGRAMMATIC



UNION, TYP.
WATTS TP-N SERIES OR APPROVED PRESSURE TAP TEST PLUG RATED FOR NATURAL GAS SERVICE. TYP OF 2.
GAS PRESSURE REGULATOR VALVE (PRV) FROM 2 PSI TO STANDARD DELIVERY. NOT REQUIRED AT ALL LOCATIONS. VERIFY WITH EQUIPMENT.
GAS FIRED EQUIPMENT
GAS SHUT OFF VALVE
RIGHT AND LEFT NIPPLE COUPLING
DIRT LEG FULL SIZE WITH CLEANOUT CAP
SLOPE PIPE AWAY FROM CURB PENETRATION
ROOF
SEAL ROOF CURB PENETRATION WEATHERTIGHT.
GAS PIPE
ROUTE GAS PIPE UP INSIDE CURB

8 / P3.2 TYPICAL ROOF TOP GAS PIPE CONNECTION

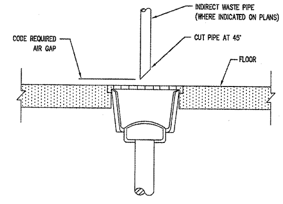
DIAGRAMMATIC



SEE FLOOR PLANS FOR CONTINUATION
BALL VALVE WITH INTEGRAL 3/4" ASME B1.20.7 MALE GARDEN HOSE THREADED END, CAP AND CHAIN. WATTS SERIES B-6000-CC OR APPROVED
CW MANIFOLD
3/4"
LOWER PRESSURE CW TO FIXTURES
ALL PIPE SAME SIZE, SEE PLANS
SET OUTLET PRESSURE FOR APPROX. 57 PSIG AT PROBABLE PEAK FLOW RATE OF 100 GPM
PRESSURE GAUGE, TYP.
PRESSURE REDUCING VALVE, 1-1/2" WATTS 223 SERIES OR APPROVED. SET PRESSURE TO 65 PSIG
VALVE, N.C.
PRESSURE REDUCING VALVE, 1-1/4" WATTS 223 SERIES OR APPROVED. SET PRESSURE TO 75 PSIG
STRAINER
UNION
BALL VALVE, TYP.
HIGHER PRESSURE CW MAIN. RECORDS INDICATE 90 PSIG PRESSURE. CONTRACTOR TO VERIFY EXACT PRESSURE IN FIELD.

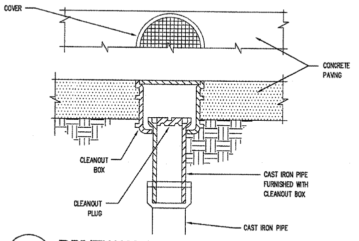
12 / P3.2 COLD WATER MAIN AND PRESSURE REDUCING VALVE

DIAGRAMMATIC



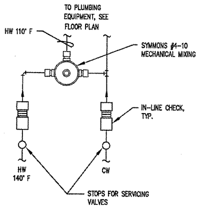
9 / P3.2 FLOOR SINK DETAIL

DIAGRAMMATIC



10 / P3.2 DRIVEWAY OR SIDEWALK CLEANOUT

DIAGRAMMATIC



TO PLUMBING EQUIPMENT, SEE FLOOR PLAN
HW 110° F
SYMMONS #4-10 MECHANICAL MIXING
IN-LINE CHECK, TYP.
HW 140° F
CW
STOPS FOR SERVICING VALVES

11 / P3.2 MIXING VALVE

DIAGRAMMATIC P5-0

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03/28/03
REGISTERED PROFESSIONAL ENGINEER 14,505
OREGON
JULY 13, 1984
JAMES L. CUNDIFF
EXPIRES 12/31/03

PLOT DATE: 03/28/03 PROJ.# 0245
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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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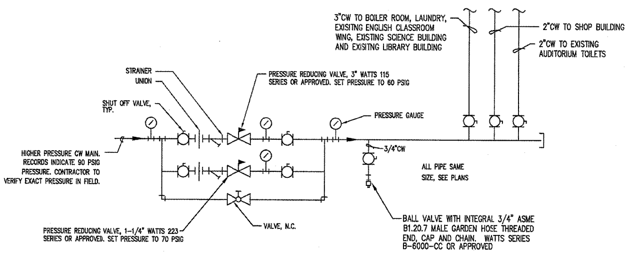
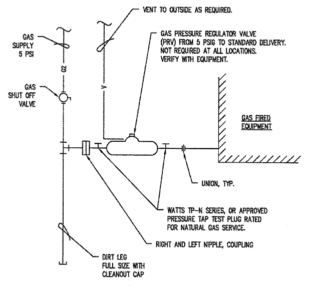
DETAILS
PLUMBING

PROJECT NUMBER	DATE
01023	04-04-03

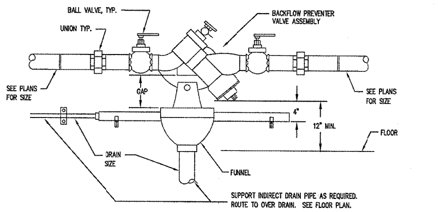
P3.2


3"CW TO BOILER ROOM, LAUNDRY, EXISITNG ENGLISH CLASSROOM WING, EXISTING SCIENCE BUILDING AND EXISITNG LIBRARY BUILDING
2"CW TO SHOP BUILDING
2"CW TO EXISTING AUDITORIUM TOILETS
STRAINER
UNION
PRESSURE REDUCING VALVE, 3" WATTS 115 SERIES OR APPROVED. SET PRESSURE TO 60 PSIG
SHUT OFF VALVE, TYP.
PRESSURE GAUGE
HIGHER PRESSURE CW MAIN. RECORDS INDICATE 90 PSIG PRESSURE. CONTRACTOR TO VERIFY EXACT PRESSURE IN FIELD.
3/4"CW
ALL PIPE SAME SIZE, SEE PLANS
PRESSURE REDUCING VALVE, 1-1/4" WATTS 223 SERIES OR APPROVED. SET PRESSURE TO 70 PSIG
VALVE, N.C.
BALL VALVE WITH INTEGRAL 3/4" ASME B1.20.7 MALE GARDEN HOSE THREADED END, CAP AND CHAIN. WATTS SERIES B-6000-CC OR APPROVED

1 BOILER ROOM - PRESSURE REDUCING VALVE AND COLD WATER MAIN
P3.3 DIAGRAMMATIC


VENT TO OUTSIDE AS REQUIRED.
GAS SUPPLY 5 PSI
G2
GAS SHUT OFF VALVE
GAS PRESSURE REGULATOR VALVE (PRV) FROM 5 PSIG TO STANDARD DELIVERY. NOT REQUIRED AT ALL LOCATIONS. VERIFY WITH EQUIPMENT.
V
GAS FIRED EQUIPMENT
UNION, TYP.
WATTS TP-N SERIES, OR APPROVED PRESSURE TAP TEST PLUG RATED FOR NATURAL GAS SERVICE.
RIGHT AND LEFT NIPPLE, COUPLING
DIRT LEG FULL SIZE WITH CLEANOUT CAP

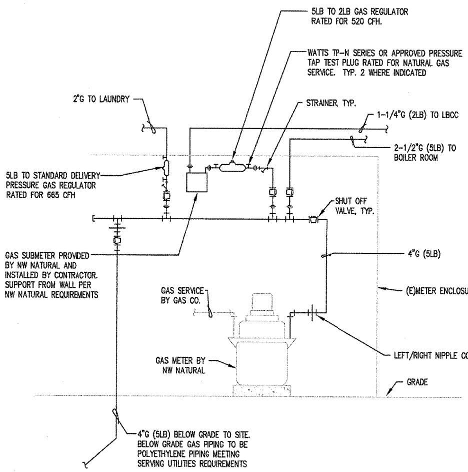
2 TYPICAL GAS CONNECTION
P3.3 DIAGRAMMATIC


BALL VALVE, TYP.
UNION TYP.
BACKFLOW PREVENTER VALVE ASSEMBLY
SEE PLANS FOR SIZE
GAP
SEE PLANS FOR SIZE
4"
12" MIN.
FLOOR
DRAIN SIZE
FUNNEL
SUPPORT INDIRECT DRAIN PIPE AS REQUIRED. ROUTE TO OVER DRAIN. SEE FLOOR PLAN.

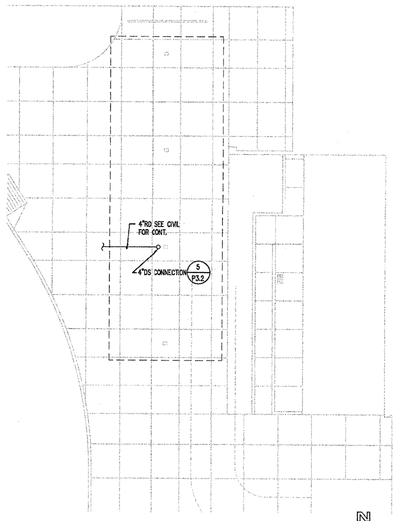
WHERE APPROPRIATE (LIMITED SPACE) A 16 ga. GALVANIZED CATCH PAN WITH DRAIN LINE (SEE DASHED) MAY BE SUBSTITUTED FOR THE FUNNEL

CW SUPPLY AND DEVICE SIZE (INCHES)	GAP (INCHES)	DRAIN SIZE (INCHES)
3/4 - 1 1/4	2	1
1 1/2, 2	2 3/4	1
2 1/2 - 10	5 3/4	2

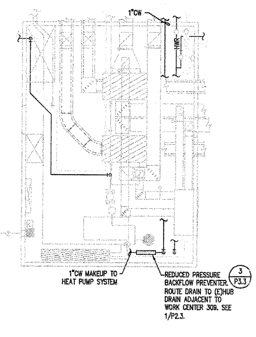
3 REDUCED PRESSURE BACKFLOW PREVENTER
P3.3 DIAGRAMMATIC ** WHEN REQUIRED BY GOVERNING AUTHORITIES **


5LB TO 2LB GAS REGULATOR RATED FOR 520 CFH.
WATTS TP-N SERIES OR APPROVED PRESSURE TAP TEST PLUG RATED FOR NATURAL GAS SERVICE. TYP. 2 WHERE INDICATED
2"G TO LAUNDRY
STRAINER, TYP.
1-1/4"G (2LB) TO LBCC
2-1/2"G (5LB) TO BOILER ROOM
5LB TO STANDARD DELIVERY PRESSURE GAS REGULATOR RATED FOR 665 CFH
SHUT OFF VALVE, TYP.
GAS SUBMETER PROVIDED BY NW NATURAL AND INSTALLED BY CONTRACTOR. SUPPORT FROM WALL PER NW NATURAL REQUIREMENTS
4"G (5LB)
GAS SERVICE BY GAS CO.
(E)METER ENCLOSURE
GAS METER BY NW NATURAL
LEFT/RIGHT NIPPLE COUPLING, TYP.
GRADE
4"G (5LB) BELOW GRADE TO SITE. BELOW GRADE GAS PIPING TO BE POLYETHYLENE PIPING MEETING SERVING UTILITIES REQUIREMENTS

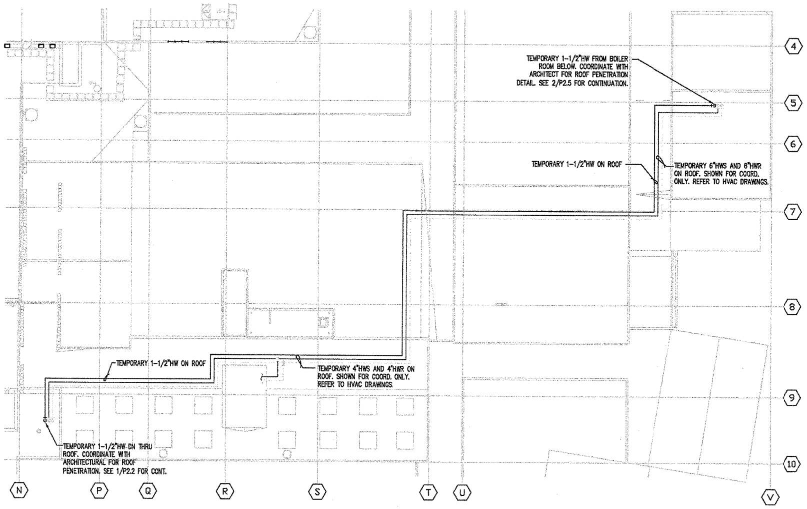
4 GAS METER
P3.3 DIAGRAMMATIC



5 BID ALTERNATE CANOPY
P3.3 1/8" = 1'-0"


1"CW
HWR
1"CW MAKEUP TO HEAT PUMP SYSTEM
REDUCED PRESSURE BACKFLOW PREVENTER. ROUTE DRAIN TO (E)HUB DRAIN ADJACENT TO WORK CENTER 309. SEE 1/P2.3.
3
P3.3

6 MEZZ. HEAT PUMP MECHANICAL ROOM
P3.3 1/4" = 1'-0"


TEMPORARY 1-1/2"HW FROM BOILER ROOM BELOW. COORDINATE WITH ARCHITECT FOR ROOF PENETRATION DETAIL. SEE 2/P2.5 FOR CONTINUATION.
TEMPORARY 1-1/2"HW ON ROOF
TEMPORARY 6"HWS AND 6"HWR ON ROOF. SHOWN FOR COORD. ONLY. REFER TO HVAC DRAWINGS.
TEMPORARY 1-1/2"HW ON ROOF
TEMPORARY 4"HWS AND 4"HWR ON ROOF. SHOWN FOR COORD. ONLY. REFER TO HVAC DRAWINGS.
TEMPORARY 1-1/2"HW DN THRU ROOF. COORDINATE WITH ARCHITECTURAL FOR ROOF PENETRATION. SEE 1/P2.2 FOR CONT.
4
5
6
7
8
9
10
N
P
Q
R
S
T
U
V

7 TEMPORARY ROOFTOP PIPING PLAN - PLUMBING
P3.3 1/16" = 1'-0"

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DETAILS
PLUMBING

PROJECT NUMBER 01023
DATE 04-04-03

P3.3

MECHANICAL EQUIPMENT LIST - SHEET E0.1

DESCRIPTION	V	PH	HP	KVA	AMPS	CIRC. #	DISCONNECT SIZE	DISCONNECT FUSED	STARTER	FEEDER	LOCATION VERIFY	REMARKS
AC-1	480	3	1		12 MCA	4M-1,3,5	30/3	NF	INTEGRAL	30C	ROOF	NOTE 3
AC-2	480	3	1		12 MCA	4C-2,4,6	30/3	NF	INTEGRAL	30C	ROOF	NOTE 3
AC-3	480	3	2		16 MCA	4C-8,10,12	30/3	NF	INTEGRAL	30C	ROOF	NOTES 3&6
AC-4	480	3	1		12 MCA	4C-14,16,18	30/3	NF	INTEGRAL	30C	ROOF	NOTE 3
AC-5	480	3	2		17 MCA	4C-20,22,24	30/3	NF	INTEGRAL	30C	ROOF	NOTE 3
AC-6	480	3	0.33		8 MCA	4C-26,28,30	30/3	NF	INTEGRAL	30C	ROOF	NOTE 3
AHU-1	480	3	7.5+5			4M-2,4,6	30/3	NF	INTEGRAL	30C	MECH	NOTES 2&6
AHU-2	480	3	10+7.5			4M-8,10,12	60/3	NF	INTEGRAL	40C	MECH	NOTES 2&6
AHU-3	480	3	3+1.5			4B-21,23,25	30/3	NF	INTEGRAL	20C	ROOF	NOTE 3
B-2	480	3	3			4M1-25,27,29	30/3	NF	INTEGRAL	20C	BOILER	NOTE 2
B-3	480	3	3			4M1-37,39,41	30/3	NF	INTEGRAL	20C	BOILER	NOTE 2
CH-1	480	3			82.5 MCA	4DP1	100/3	NF	INTEGRAL	100C	ROOF	NOTE 3
CH-2	480	3			82.5 MCA	4DP1	100/3	NF	INTEGRAL	100C	ROOF	NOTE 3
CP-6	120	1	0.40			PANEL IN RM	20/1	NF	INTEGRAL	20A	BOILER	NOTE 2&10
CP-7	120	1			0.041	2K3-33	20/1	NF	INTEGRAL	20A	MECH	NOTE 1
EF-5	120	1		0.095		2K3-35	20/1	NF	–	20A	JAN 107	NOTE 1
EF-6	120	1		0.25		2A1-31	20/1	NF	–	20A	MECH	NOTE 1
EF-7	120	1		0.073		2A2-22	20/1	NF	–	20A	MECH	NOTE 1
EF-8	120	1	0.25			2B1-7	20/1	NF	–	20A	ROOF	NOTE 5
EF-9	120	1	0.25			2A2-20	20/1	NF	–	20A	ROOF	NOTE 5
EF-10	120	1	0.17			2D2-SPARE	20/1	NF	–	20A	ROOF	NOTE 5
FC-1	480	3	0.75			4P2-7,9,11	30/3	NF	INTEGRAL	20C	CORR 143	NOTE 2
FC-2	480	3	2			4A-10,12,14	30/3	NF	INTEGRAL	20C	LOBBY	NOTE 2
FC-3	480	3	1.5			4A-16,18,20	30/3	NF	INTEGRAL	20C	CORR 272	NOTE 2
FC-4	480	3	1			4B-15,17,19	30/3	YES	INTEGRAL	20C	CORR 264	NOTE 2
FC-5	480	3	1			4B-15,17,19	30/3	YES	INTEGRAL	20C	CORR 252	NOTE 2
FC-6	480	3	1.5			4M-7,9,11	30/3	NF	INTEGRAL	20C	CORR 240	NOTE 2
FC-7	480	3	1			4M1-2,4,6	30/3	NF	INTEGRAL	20C	AUD 1ST	NOTE 2
FC-8	480	3	0.5			4M1-8,10,12	30/3	NF	INTEGRAL	20C	AUD 2ND	NOTE 2
FLC-1	480	3	7.5+.5			4M2-1,3,5	60/3	NF	INTEGRAL	40C	ROOF	NOTE 3
HP-1	480	3	0.5		7.97	4M2-2,4,6	30/3	NF	INTEGRAL	20C	MECH	NOTE 2
HP-2	480	3	0.5		7.97	4M2-8,10,12	30/3	NF	INTEGRAL	20C	MECH	NOTE 2
HP-3	480	3	0.5		7.97	4M2-14,16,20	30/3	NF	INTEGRAL	20C	MECH	NOTE 2
HP-4	480	3	0.5		7.97	4M2-22,24,26	30/3	NF	INTEGRAL	20C	MECH	NOTE 2
HVU-8	480	3	1			4K1-22,24,26	30/3	NF	INTEGRAL	20C	ROOF	NOTE 3
HVU-9	480	3	2			4P2-1,3,5	30/3	NF	INTEGRAL	20C	ROOF	NOTES 3&6
KEF-1	480	3	2			4K1-16,18,20	30/3	YES	INTEGRAL	20C	ROOF	NOTES 3&7
KEF-2	480	3	0.5			4K1-16,18,20	30/3	YES	INTEGRAL	20C	ROOF	NOTES 3&7
KEF-3	120	1	0.25			2K4-35	20/1	NF	–	20A	ROOF	NOTE 5
KEF-4	120	1	0.25			2K4-37	20/1	NF	–	20A	ROOF	NOTES 5&7
MAU-1	480	3	2+2			4K1-16,18,20	30/3	Y	INTEGRAL	20C	ROOF	NOTE 4
P-2	480	3	5			4M1-1,3,5	30/3	NF	INTEGRAL	20C	BOILER	NOTE 2
P-3	480	3	5			4M1-7,9,11	30/3	NF	INTEGRAL	20C	BOILER	NOTE 2
P-4	480	3	15			4M1-13,15,17	60/3	NF	VFD	30C	BOILER	NOTES 2&9
P-5	480	3	15			4M1-19,21,23	60/3	NF	VFD	30C	BOILER	NOTES 2&9
P-6	480	3	7.5			4M2-26,28,30	30/3	NF	INTEGRAL	20C	BOILER	NOTE 2
UH-1	120	1	0.04			EXISTING	20/1	NF	INTEGRAL	20A	MECH	NOTES 1&8
UH-2	120	1	0.04			EXISTING	20/1	NF	INTEGRAL	20A	WOODSHOP	NOTES 1&8
WH3A	120	1			5	PANEL IN RM	20/1	NF	–	20A	BOILER	NOTE 1 &10
WH3B	120	1			5	NOTE 11	20/1	NF	–	20A	BOILER	NOTE 1
WH3C	120	1			5	PANEL IN RM	20/1	NF	–	20A	BOILER	NOTE 1&10
WH3D	120	1			5	NOTE 11	20/1	NF	–	20A	BOILER	NOTE 1
WH4A	120	1			5	2K3-31	20/1	NF	–	20A	MECH	NOTE 1
WH4B	120	1			5	2K3-31	20/1	NF	–	20A	MECH	NOTE 1
WH4C	120	1			5	2K3-33	20/1	NF	–	20A	MECH	NOTE 1

NOTES:
1. PROVIDE NEMA 1 MOTOR RATED TOGGLE SWITCH WITH LOCKABLE HANDLE GUARD FOR EQUIPMENT SUPPLIED.
2. PROVIDE NEMA 1 DISCONNECT SIZED FOR ACTUAL EQUIPMENT SUPPLIED, VERIFY.
3. PROVIDE NEMA 3R DISCONNECT SIZED FOR ACTUAL EQUIPMENT SUPPLIED, VERIFY.
4. EQUIPMENT SHALL BE CONNECTED TO SHUNT-TRIP CIRCUIT BREAKER WITH EMERGENCY SHUT OFF PUSHBUTTON CONTROL.
5. PROVIDE NEMA 3R MOTOR RATED TOGGLE SWITCH WITH LOCKABLE HANDLE GUARD FOR EQUIPMENT SUPPLIED.
6. PROVIDE PHOTOELECTRIC AIR DUCT DETECTORS FOR EQUIPMENT, VERIFY QUANTITY AND LOCATIONS WITH MECHANICAL DRAWINGS.
7. EQUIPMENT SHALL BE CONNECTED TO SHUNT-TRIP CIRCUIT BREAKER WITH EMERGENCY SHUT OFF PUSHBUTTON CONTROL.
8. REUSE EXISTING CIRCUIT SERVING UNIT BEING REPLACED. REPLACE CONDUCTORS WITH NEW.
9. INSTALLED VFD SUPPLIED WITH EQUIPMENT PER NEC.
10. PROVIDE SPARE 20A/1P BREAKER MATCHING EXISTING EQUIPMENT AND AIC RATING.
11. CONNECT TO SAME CIRCUIT AS WATER HEATER ABOVE.

LUMINAIRE SCHEDULE - SHEET E0.1

NOTES:
1. ALL FIXTURES ARE 277 VOLTS UNLESS OTHERWISE NOTED.
2. VERIFY GRID/FLANGE REQUIREMENTS WITH ARCHITECTURAL REFLECTED CEILING PLANS
3. SEE SPECIFICATIONS FOR TYPICAL REQUIREMENTS UNLESS SPECIFICALLY INDICATED ON SCHEDULE.

TYPE	DESCRIPTION		LAMP(S) AND BALLASTS	INPUT (VA)	MANUFACTURER(S)
'F1'	DESCRIPTION:	2' X 4' FLUORESCENT LAY-IN TROFFER	(2) F32T8	62	LITHONIA SP SERIES
	SIZE:	24 IN. X 48 IN.	ELECTRONIC		LIGHTOLIER, HUBBELL
	HOUSING:	STEEL			METALUX, COLUMBIA
	FINISH:	BAKED WHITE ENAMEL			DAYBRITE
	LENS:	.125" THICK, PATTERN #12, PRISMATIC ACRYLIC.			OR APPROVED
	LENS DOOR:	HINGE AND LATCH, FLUSH STEEL			
'F1E'	DESCRIPTION:	SAME AS TYPE F1 EXCEPT WITH 1300 LUMEN EMERGENCY BALLAST AND INTEGRAL TEST SWITCH		62	
'F1F'	TYPE:	SAME AS TYPE F1 EXCEPT FLANGED		62	
'F2'	DESCRIPTION:	SAME AS TYPE 'F1' EXCEPT 3 LAMPS	(3)F32T8	93	
'F2L'	DESCRIPTION:	SAME AS TYPE 'F2' EXCEPT 120V		93	
'F3'	DESCRIPTION:	RECESSED 2' X 4' FLUORESCENT LAY-IN PARABOLIC	(2) F32T8	62	LITHONIA 2PM3N SERIES
	SIZE:	24 IN. X 48 IN.	ELECTRONIC		LIGHTOLIER, HUBBELL
	HOUSING:	STEEL			METALUX, COLUMBIA
	FINISH:	BAKED WHITE ENAMEL.			DAYBRITE
	LOUVER:	LOW IRIDESCENT DIFFUSE SILVER, 18 CELL, 3 IN. DEEP			OR APPROVED
	NOTES:	18-CELLS, TWO CHANNEL COVERS			
'F4'	DESCRIPTION:	SAME AS TYPE F3 EXCEPT WITH 3 LAMPS		93	
'F4E'	DESCRIPTION:	SAME AS TYPE F4 EXCEPT WITH 1300 LUMEN EMERGENCY BALLAST AND INTEGRAL TEST SWITCH		93	
'F5'	DESCRIPTION:	SURFACE FLUORESCENT STRIP	(2) F32T8	62	LITHONIA C SERIES
	SIZE:	48 IN. LENGTH	ELECTRONIC		LIGHTOLIER
	FINISH:	BAKED WHITE ENAMEL			HUBBELL
	ACCESSORIES:	WIRE GUARD			DAYBRITE
	MOUNTING:	SURFACE OR CHAIN HUNG AT 8' AFF			OR APPROVED
'F6'	DESCRIPTION:	RECESSED DIRECT/INDIRECT LAY-IN FLUORESCENT	(2) F32T8	62	LITHONIA AVANTE SERIES,
	SIZE:	24 IN. X 48 IN.	ELECTRONIC		WILLIAMS, FOCAL POINT,
	HOUSING:	STEEL			LIGHTOLIER, PMC OR
	FINISH:	BAKED WHITE ENAMEL			APPROVED
	DIFFUSER:	PERFORATED CENTER BASKET			
'F7'	DESCRIPTION:	SUSPENDED DIRECT/INDIRECT FLUORESCENT LINEAR	(2) F32T8		PEERLITE CERRA 10 SERIES
	SIZE:	10 IN. WIDTH X 3 IN. DEPTH, SEE DRAWINGS FOR LENGTHS	ELECTRONIC		OR APPROVED
	HOUSING:	STEEL	PER CROSS		
	FINISH:	WHITE	SECTION		
	LENS:	DIE-PUNCHED 3/4" SQUARE WINDOWS ON LOWER HOUSING WITH ACRYLIC OPAL DIFFUSER TOP COVER			
	MOUNTING:	2FT AIR CRAFT CABLE			
'F7E'	DESCRIPTION:	SAME AS TYPE F7 EXCEPT WITH 1300 LUMEN EMERGENCY BALLAST(S) AND INTEGRAL TEST SWITCH(ES), SEE DRAWINGS FOR QUANTITY AND LOCATIONS			
'F8'	DESCRIPTION:	PENDANT LUMINAIRE	(1)MH100W	142	LOUIS POULSEN
	SIZE:	14" DIAMETER X 26" HIGH			LP CHARISMA
	HOUSING:	SPUN ALUMINUM WITH CLEAR POLYCABONATE CONE			
	REFLECTOR:	MEDIUM DISTRIBUTION			
	LENS:	CLEAR POLYCARBONATE			
	MOUNTING:	STAINLESS STEEL AIRCRAFT CABLE, SEE DRAWINGS			
'F9'	DESCRIPTION:	SURFACE FLUORESCENT STAGGERED STRIP	(2) F32 T8	62	LITHONIA SS SERIES
	SIZE:	4FT LENGTH			LIGHTOLIER
	FINISH:	BAKED WHITE ENAMEL			HUBBELL
	ACCESSORIES:	ASSYMMETRIC RELFECTOR			DAYBRITE
	MOUNTING:	SURFACE IN ARCHITECTURAL COVE/VALANCE			OR APPROVED.
'F10'	DESCRIPTION:	SURFACE	(2)F32T8	62	KENALL MLRS12 SERIES
	SIZE:	48 IN. LENGTH	0 DEGREE BALLAST		
	FINISH:	WHITE			
	MOUNTING:	SURFACE ON EXTERIOR CANOPY			
	NOTES:	U.L. DAMP LABELED, 120V			
'F10E'	TYPE:	SAME AS TYPE 'F10' EXCEPT WITH EMERGENCY BALLAST			
'F11'	DESCRIPTION:	MODULAR FLUORESCENT	(4)F32T8	93	LITHONIA M SERIES
	SIZE:	24 IN. X 48 IN.	ELECTRONIC		LIGHTOLIER, HUBBELL
	MOUNTING:	SURFACE			METALUX, COLUMBIA
	DIFFUSER:	0.125IN. PRISMATIC ACRYLIC			DAYBRITE OR APPROVED.
'F11E'	TYPE:	SAME AS TYPE 'F11' EXCEPT WITH EMERGENCY BALLAST			
F11EL'	TYPE:	SAME AS TYPE 'F11E' EXCEPT 120V			
'F11L'	DESCRIPTION:	SAME AS TYPE 'F11' EXCEPT 120V			
'F12'	DESCRIPTION:	8" OPEN CFL VERTICAL DOWNLIGHT	(1) CFL32WTT	33	PEACHTREE
	HOUSING:	STEEL	(1) 1-LAMP		PRESCOLITE
	DIFFUSER:	SPECULAR CLEAR			LIGHTOLIER, LITHONIA,
	REFLECTOR:	CLEAR ALZAK			OMEGA, SPECTRUM
	FINISH:	WHITE TRIM			
	MOUNTING:	RECESSED			
'F12E'	DESCRIPTION:	SAME AS TYPE 'F' EXCEPT WITH 90 MINUTE 900 LUMEN EMERGENCY BALLAST	(1) CFL32WTT (1) 1-LAMP	33	
'F13'	DESCRIPTION:	4FT WRAPAROUND FLUORESCENT	(2)F32T8	62	LITHONIA LB SERIES,
	HOUSING:	STEEL			LIGHTOLIER, HUBBELL
	DIFFUSER:	PRISMATIC ACRYLIC			METALUX, COLUMBIA
	FINISH:	WHITE			DAYBRITE
	MOUNTING:	SURFACE			OR APPROVED
'F14'	DESCRIPTION:	SAME AS TYPE 'F9' EXCEPT 2FT AND LAMPS	(2)F17T8	37	
'SA'	DESCRIPTION:	9" ROUND EXTERIOR DOWNLIGHT	(1) MH70W	95	LIGHTOLIER, LITHONIA,
	HOUSING:	DIE-CAST ALUMINUM			PRESCOLITE, KIRLIN
	DIFFUSER:	CONCAVE HOLOPHANE LENS			SPECTRUM
	REFLECTOR:	SEMI-SPECULAR CLEAR ALZAK			
	FINISH:	WHITE TRIM			
	MOUNTING:	RECESSED			
	NOTES:	U.L. DAMP LABELED			
'SA1'	DESCRIPTION:	SAME AS TYPE 'SA' EXCEPT LAMP	(1)MH175W	210	
'SB'	DESCRIPTION:	EXTERIOR WALL SCONCE	(2)F39W2G11/41K	85	VISA OW1274SF39PT-X-X
	HOUSING:	EXTRUDED ALUMINUM			
	DIFFUSER:	WHITE DR ACRYLIC LENSE			
	FINISH:	PROVIDE STANDARD FINISHES FOR SELECTION BY ARCH.			
	MOUNTING:	WALL, +7FT AFF TO TOP OF FIXTURE			
	NOTES:	U.L. WET LOCATION LABELED			
'SC1'	DESCRIPTION:	CYLINDRICAL LIGHT POLE	(1) MH400W	461	GARDCO ERA TO MATCH
	HOUSING:	ALUMINUM			EXISTING
	DIFFUSER:	TEMPERED FLAT GLASS			
	DISTRIBUTION:	TYPE 3			
	POLE:	20FT ROUND ALUMINUM 90MPH WINDS			
	FINISH:	DARK BRONZE			
	NOTES:	BASE COVER			
'SD'	DESCRIPTION:	CANOPY LUMINAIRE	(1)MH175W	210	LITHONIA KACM SERIES
	HOUSING:	DIE-CAST ALUMINUM			
	DIFFUSER:	DROP PRISMATIC LENS			
	FINISH:	WHITE			
	MOUNTING:	SURFACE ON CANOPY			
	NOTES:	U.L. WET LOCATION LABELED			
'SF'	DESCRIPTION:	SIGN FLOODLIGHT	(1)MH70W	95	STERNER CAPELLA-5D
	HOUSING:	DIE-CAST ALUMINUM			
	DIFFUSER:	TEMPERED THERAML IMPACT RESISTANT 0.25IN GLASS			
	FINISH:	DARK BRONZE			
	MOUNTING:	SWVEL STYLE			
	NOTES:	RECTANGULAR NARROW BEAM			
'SG'	DESCRIPTION:	EXTERIOR WALL LUMINAIRE	(1)MH250W	295	GARDCO 141FT SERIES
	HOUSING:	DIE-CAST ALUMINUM			
	DIFFUSER:	TEMPERED GLASS			
	FINISH:	DARK BRONZE			
	MOUNTING:	WALL, +20FT AFF TO CENTER UNLESS NOTED OTHERWISE			
	NOTES:	U.L. WET LOCATION LABELED, TYPE IV FORWARD THROW			
'X1E'	DESCRIPTION:	SINGLE FACE EXIT SIGN	GREEN L.E.D.S	7	CHLORIDE, EMERGI-LITE,
	HOUSING:	HEAVY DUTY WHITE POLYCARBONATE			LIGHTOLIER, LITHONIA,
	FINISH:	WHITE			FRESCOLITE, SURELITES,
	ARROWS:	SEE DRAWINGS			LIGHTGUARD
	MOUNTING:	UNIVERSAL MOUNT, SEE DRAWINGS			
	NOTES:	SELF-DIAGNOSTIC, 90 MINUTE EMERGENCY BATTERY AND INTEGRAL TEST SWITCH			
'X1LE'	DESCRIPTION:	SINGLE FACE EXIT WITH TWO LIGHTS	GREEN L.E.D.S	7	CHLORIDE, EMERGI-LITE,
	HOUSING:	HEAVY DUTY WHITE POLYCARBONATE			LIGHTOLIER, LITHONIA,
	ARROWS:	SEE DRAWINGS			FRESCOLITE,SURELITES,
	NOTES:	SELF-DIAGNOSTIC, 90 MINUTE EMERGENCY BATTERY AND INTEGRAL TEST SWITCH, DUAL 120/277V			LIGHTGUARD
'X2E'	DESCRIPTION:	SAME AS 'X1E' EXCEPT DOUBLE FACES	GREEN L.E.D.S	7	

ELECTRICAL SYMBOLS LIST

○	SURFACE LIGHT FIXTURE
▣	RECESSED LIGHT FIXTURE
[E]	RECESSED LIGHT FIXTURE ON EMERGENCY POWER
▣→	RECESSED ADJUSTABLE LIGHT FIXTURE
○|	WALL MOUNTED LIGHT FIXTURE
D|	WALL MOUNTED FLOODLIGHT
⊗	EXIT LIGHT, 24 HOURS POWERED ON
⊗|	WALL MOUNTED EXIT LIGHT, 24 HOURS POWERED ON
⊛	PILOT LIGHT
◑	WALL MOUNTED RECESSED LIGHT FIXTURE
☓	GROUND MOUNTED LIGHT FIXTURE
◦□	POLE MOUNTED LIGHT FIXTURE
⊡	POLE TOP MOUNTED LIGHT FIXTURE
▭	SURFACE FLUORESCENT LIGHT FIXTURE
├──○	FLUORESCENT STRIP LIGHT FIXTURE
▭	WALL MOUNTED FLUORESCENT LIGHT FIXTURE
▲▲	EMERGENCY BATTERY LIGHT FIXTURE
▭	RECESSED FLUORESCENT LIGHT FIXTURE
▨	RECESSED FLUORESCENT LIGHT FIXTURE ON EMERGENCY
⊠	RECESSED FLUORESCENT LIGHT FIXTURE ON CRITICAL
▽▽▽	LIGHT TRACK WITH LIGHT FIXTURES
$	SINGLE POLE SWITCH
$2	TWO POLE SWITCH
$3	3 - WAY SWITCH
$4	4 - WAY SWITCH
$P	SWITCH AND PILOT LIGHT
$K	KEY SWITCH
$M	MOMENTARY CONTACT SWITCH
$MK	MOMENTARY CONTACT KEY SWITCH
$3K	3 - WAY KEY SWITCH
$X	EXPLOSION PROOF SWITCH
$D	DOOR SWITCH
$LV	LOW VOLTAGE SWITCH
[D]	DIMMER
[OS]	OCCUPANCY SENSOR
▼	TELEPHONE OUTLET
▼	TELEPHONE OUTLET ABOVE COUNTER
▼P	PAYPHONE OUTLET
▼	COMMUNICATIONS OUTLET (2 DEVICES AND 2 BLANKS)
▼	COMMUNICATIONS OUTLET - FLUSH IN FLOOR
▼	COMMUNICATIONS OUTLET - ABOVE COUNTER
▼	COMMUNICATIONS OUTLET - PEDESTAL MOUNT
Ⓐ	WIRELESS LAN TRANSMITTER, CEILING
▩	19" TELECOM EQUIPMENT RACK WITH VERTICAL WIRE MGMT.
▶#	RECESSED FLOOR BOX WITH 2 DUPLEX RECEPTACLES AND TWO COMMUNICATION OUTLETS, TYPICAL
□~~	FLOOR BOX W/ FLEX TO LANDSCAPE PARTITION SAME CODES AS RECESSED FLOOR BOX
◉	POKE-THRU DEVICE
⊞	TELE-POWER POLE
⊖	DUPLEX RECEPTACLE
⊖	DUPLEX RECEPTACLE ABOVE COUNTER
⊖	HALF SWITCHED DUPLEX RECEPTACLE
⊕	FOUR PLEX RECEPTACLE
⊕	FOUR PLEX RECEPTACLE ABOVE COUNTER
∅	DUPLEX RECEPTACLE, FLUSH CEILING
⊖	DUPLEX RECEPTACLE, FLUSH IN FLOOR
⊖	DUPLEX RECEPTACLE, PEDESTAL MOUNTED
⊜	RANGE RECEPTACLE
⊘	SPECIAL OUTLET TO MATCH EQUIPMENT PLUG
⊘	SPECIAL OUTLET WITH NEMA CONFIGURATION
●	EQUIPMENT CONNECTION
Ⓙ	JUNCTION BOX WITH COVER PLATE
Ⓙ──	MULTI OUTLET ASSEMBLY
▬	SURFACE ELECTRICAL PANELBOARD
▬	RECESSED ELECTRICAL PANELBOARD
[R]	RELAY
[TS]	TIME SWITCH
⊛	PHOTO CONTROL SINGLE RECEPTACLE
[T]	TRANSFORMER
Ⓣ	THERMOSTAT
[SL]	SOLENOID
▚	CEILING PENETRATION INTO INTERSTITIAL SPACE
▭	RECESSED WALL HEATER
▬	BASEBOARD HEATER
▬	BASEBOARD HEATER WITH STAT
▬Ⓐ	DUCT HEATER
◂[U]	UNIT HEATER
Ⓤ	GAS UNIT HEATER
Ⓜ	METER BASE - RECESSED
□	NON-FUSED DISCONNECT SWITCH
[F]	FUSED DISCONNECT SWITCH
☒	MANUAL STARTER
☒	MAGNETIC STARTER
[C]	CONTACTOR
☒□	COMBINATION STARTER
○	MOTOR CONNECTION
[●]	PUSH BUTTON
[●●]	START-STOP BUTTON
[●●●]	UP-DOWN-STOP BUTTON
Ⓢ	CEILING SPEAKER, RECESSED
Ⓢ|	WALL SPEAKER FLUSH TYPE, +96' AFF
sⓈ|	WALL SPEAKER SURFACE TYPE, +96' AFF
▷Ⓢ|	WALL SPEAKER HORN TYPE, +96"AFF
Ⓜ	MICROPHONE RECEPTACLE, WALL
[IC]	INTERCOM STAFF HANDSET, +45"AFF
ADMIN [IC]	INTERCOM ADMINISTRATION HANDSET, +18"AFF

Ⓣ	T.V. OUTLET
[TVC]	T.V. CAMERA
[TVM]	T.V. MONITOR
©	CLOCK HANGER OUTLET
◷	CLOCK
|◷	WALL MOUNTED CLOCK
◷	MASTER CLOCK
□◁	PROGRAM HORN
□	BUZZER
□○	BELL
□	CHIME
[S]	SECURITY DOOR ALARM SENSOR
[M]	MOTION DETECTOR
[IR]	INFRARED MOTION DETECTOR
[U]	ULTRASONIC MOTION DETECTOR
[K]	SECURITY SYSTEM KEYPAD
[FACP]	FIRE ALARM CONTROL PANEL
Ⓒ	INDICATOR LAMP FOR CONCEALED DETECTOR
[F]◁	FIRE ALARM HORN
[FV]◁	FIRE ALARM VISUAL SIGNAL WITH HORN
◇F|	FIRE ALARM REMOTE ANNUNCIATOR
[F]	FIRE ALARM CALL STATION
[FV]	FIRE ALARM VISUAL SIGNAL
[FZ]	FIRE ALARM ZONE ADDRESSABLE INPUT/OUT MODULE
[F]○	FIRE ALARM BELL
[FV]○	FIRE ALARM VISUAL SIGNAL WITH BELL
[F]	REMOTE TROUBLE BUZZER
Ⓘ	IONIZATION DETECTOR
[P]	PHOTO ELECTRIC SMOKE DUCT DETECTOR
Ⓟ	PHOTO ELECTRIC SMOKE DETECTOR
Ⓡ	RATE OF RISE/THERMAL DETECTOR
Ⓗ	HEAT DETECTOR
Ⓕ	FLOW SWITCH
Ⓣ	O.S. & Y. VALVE TAMPER SWITCH
[RC]	RESCUE CALL STATION
■	MAGNETIC DOOR HOLDER (WALL OR FLOOR MOUNTED)
■Ⓘ	DETECTOR/DOOR HOLDER HARDWARE
⊖	NURSES CALL CEILING LIGHT - SINGLE LAMP
⊖|	NURSES CALL WALL DOME LIGHT - SINGLE LAMP
◇E|	NURSES CALL LAVATORY EMERGENCY STATION
◇E|	NURSE CALL EMERG. STA. W/ PULL CORD
◇N|	NURSES CALL BEDSIDE STATION
◇N|	NURSES CALL BEDSIDE STATION - DOUBLE
[N]|	NURSE CALL DUTY STATION
[N]|	NURSE CALL MASTER STATION
◇A|	NURSE CALL ANNUNCIATOR
◇S|	NURSE CALL STAFF STATION
◇C|	NURSE CALL CODE STATION
◇L|	NURSE CALL LOCATOR STATION
Ⓗ#	DRAWING NOTE DESIGNATION
〰	FLEXIBLE CONDUIT
──	CONDUIT CONCEALED IN WALLS, CEILING OR FLOOR
- - - -	CONDUIT CONCEALED IN SLAB, UNDERGROUND OR UNDERFLOOR
──	EXISTING CONDUIT
─┼─	GROUND WIRE
∘	STUB UP
•	STUB DOWN
──→	STUB OUT
	ISOLATED GROUND CONDUCTOR EQUIPMENT GROUND CONDUCTOR PHASE CONDUCTOR NEUTRAL CONDUCTOR
AHU-1	MECHANICAL EQUIPMENT DESIGNATION STARTER & DISCONNECT PER SPECIFICATIONS. SEE EQUIPMENT LIST

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AIC	AMP INTERRUPTING CURRENT (SYMMETRICAL)
AL	ALUMINUM
BG	BELOW GRADE
C	CONDUIT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CKT	CIRCUIT
CO	CONDUIT ONLY
CU	COPPER
E	EMERGENCY
(E)	EXISTING
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FA	FIRE ALARM
FLA	FULL LOAD AMPS
GFI	GROUND FAULT INTERRUPTER TYPE
GFP	GROUND FAULT PROTECTOR TYPE
GRD	GROUND
GRC	GALVANIZED RIGID CONDUIT
IG	ISOLATED GROUND
MCC	MOTOR CONTROL CENTER
(N)	NEW
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT, 24 HOURS POWERED
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
PNL	PANEL
(R)	RELOCATE
TYP	TYPICAL
WP	WEATHER PROOF
UNO	UNLESS NOTED OTHERWISE
(X)	DEMOLISH/DELETE
VP	VANDALPROOF TYPE

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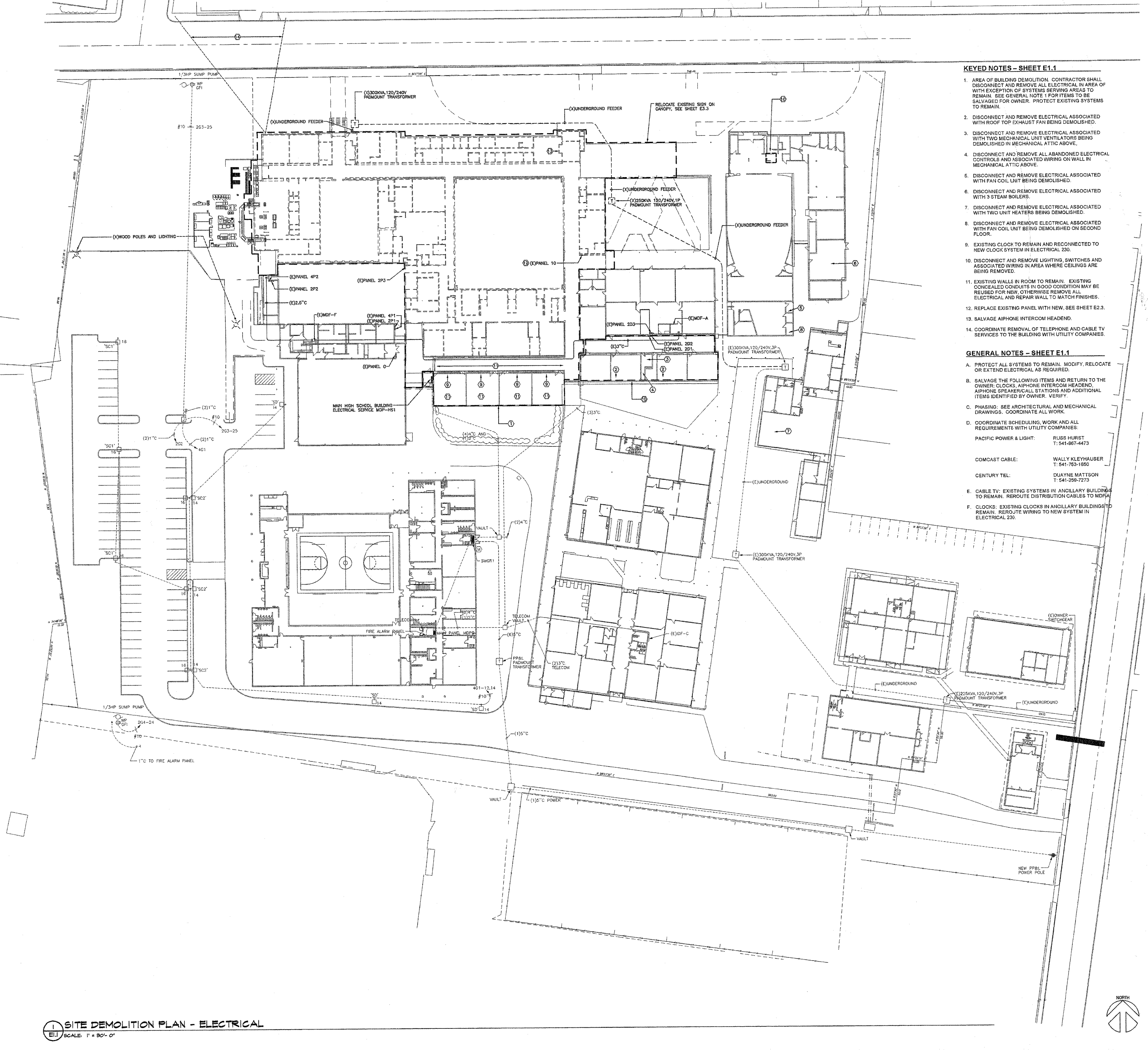
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

SYMBOLS LIST

PROJECT NUMBER 01023
DATE 04-04-03

E0.1



KEYED NOTES – SHEET E1.1

1. AREA OF BUILDING DEMOLITION. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL IN AREA OF WITH EXCEPTION OF SYSTEMS SERVING AREAS TO REMAIN. SEE GENERAL NOTE 1 FOR ITEMS TO BE SALVAGED FOR OWNER. PROTECT EXISTING SYSTEMS TO REMAIN.
2. DISCONNECT AND REMOVE ELECTRICAL ASSOCIATED WITH ROOF TOP EXHAUST FAN BEING DEMOLISHED.
3. DISCONNECT AND REMOVE ELECTRICAL ASSOCIATED WITH TWO MECHANICAL UNIT VENTILATORS BEING DEMOLISHED IN MECHANICAL ATTIC ABOVE,
4. DISCONNECT AND REMOVE ALL ABANDONED ELECTRICAL CONTROLS AND ASSOCIATED WIRING ON WALL IN MECHANICAL ATTIC ABOVE.
5. DISCONNECT AND REMOVE ELECTRICAL ASSOCIATED WITH FAN COIL UNIT BEING DEMOLISHED.
6. DISCONNECT AND REMOVE ELECTRICAL ASSOCIATED WITH 3 STEAM BOILERS.
7. DISCONNECT AND REMOVE ELECTRICAL ASSOCIATED WITH TWO UNIT HEATERS BEING DEMOLISHED.
8. DISCONNECT AND REMOVE ELECTRICAL ASSOCIATED WITH FAN COIL UNIT BEING DEMOLISHED ON SECOND FLOOR.
9. EXISTING CLOCK TO REMAIN AND RECONNECTED TO NEW CLOCK SYSTEM IN ELECTRICAL 230.
10. DISCONNECT AND REMOVE LIGHTING, SWITCHES AND ASSOCIATED WIRING IN AREA WHERE CEILINGS ARE BEING REMOVED.
11. EXISTING WALLS IN ROOM TO REMAIN. EXISTING CONCEALED CONDUITS IN GOOD CONDITION MAY BE REUSED FOR NEW, OTHERWISE REMOVE ALL ELECTRICAL AND REPAIR WALL TO MATCH FINISHES.
12. REPLACE EXISTING PANEL WITH NEW, SEE SHEET E2.3.
13. SALVAGE AIPHONE INTERCOM HEADEND.
14. COORDINATE REMOVAL OF TELEPHONE AND CABLE TV SERVICES TO THE BUILDING WITH UTILITY COMPANIES.

GENERAL NOTES – SHEET E1.1

A. PROTECT ALL SYSTEMS TO REMAIN. MODIFY, RELOCATE OR EXTEND ELECTRICAL AS REQUIRED.

B. SALVAGE THE FOLLOWING ITEMS AND RETURN TO THE OWNER: CLOCKS, AIPHONE INTERCOM HEADEND, AIPHONE SPEAKER/CALL STATIONS AND ADDITIONAL ITEMS IDENTIFIED BY OWNER. VERIFY.

C. PHASING: SEE ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE ALL WORK.

D. COORDINATE SCHEDULING, WORK AND ALL REQUIREMENTS WITH UTILITY COMPANIES:

PACIFIC POWER & LIGHT:	RUSS HURST T: 541-967-4473
COMCAST CABLE:	WALLY KLEYHAUSER T: 541-753-1650
CENTURY TEL:	DUAYNE MATTSON T: 541-259-7273

E. CABLE TV: EXISTING SYSTEMS IN ANCILLARY BUILDINGS TO REMAIN. REROUTE DISTRIBUTION CABLES TO MDF-A

F. CLOCKS: EXISTING CLOCKS IN ANCILLARY BUILDINGS TO REMAIN. REROUTE WIRING TO NEW SYSTEM IN ELECTRICAL 230.

1 E1.1 SITE DEMOLITION PLAN - ELECTRICAL
SCALE: 1" = 80'-0"

H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E11.dwg, tab=E11, plotted Friday, 04 April 2003 - 2:43pm by MYRONW.
Xrefs: SITE-BASE ECTBLK ostmplun ecinfo BASE-PLAN SURVEY-BASE Site Elec Phase 1 GYM-PLAN HighSchool-Ancillary KITCHEN

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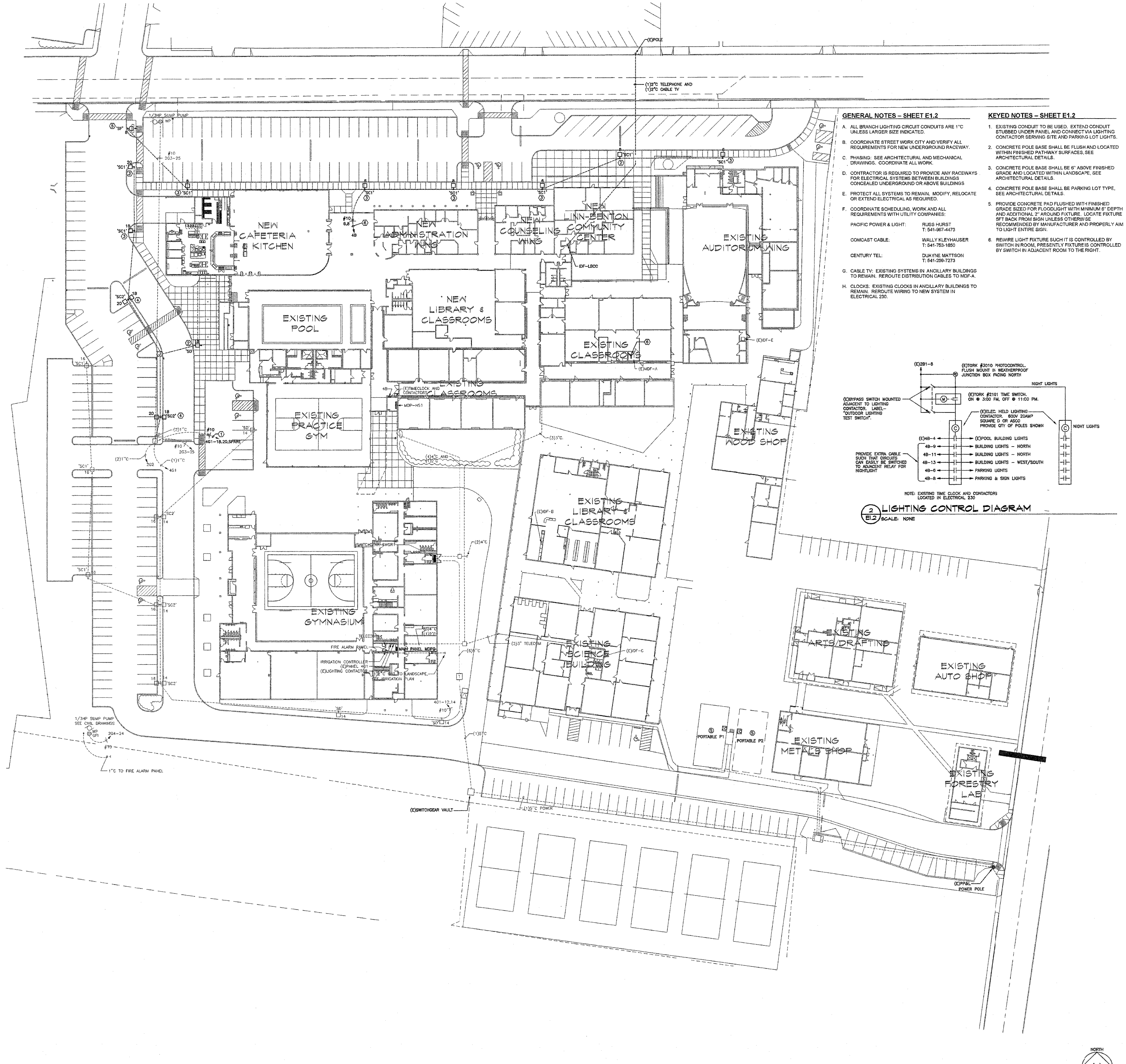
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

SITE DEMOLITION PLAN

PROJECT NUMBER	DATE
01023	04-04-03

E1.1



GENERAL NOTES – SHEET E1.2

A. ALL BRANCH LIGHTING CIRCUIT CONDUITS ARE 1"C UNLESS LARGER SIZE INDICATED.

B. COORDINATE STREET WORK CITY AND VERIFY ALL REQUIREMENTS FOR NEW UNDERGROUND RACEWAY.

C. PHASING: SEE ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE ALL WORK.

D. CONTRACTOR IS REQUIRED TO PROVIDE ANY RACEWAYS FOR ELECTRICAL SYSTEMS BETWEEN BUILDINGS CONCEALED UNDERGROUND OR ABOVE BUILDINGS

E. PROTECT ALL SYSTEMS TO REMAIN. MODIFY, RELOCATE OR EXTEND ELECTRICAL AS REQUIRED.

F. COORDINATE SCHEDULING, WORK AND ALL REQUIREMENTS WITH UTILITY COMPANIES:

PACIFIC POWER & LIGHT:	RUSS HURST T: 541-967-4473
COMCAST CABLE:	WALLY KLEYHAUSER T: 541-753-1650
CENTURY TEL:	DUAYNE MATTSON T: 541-259-7273

G. CABLE TV: EXISTING SYSTEMS IN ANCILLARY BUILDINGS TO REMAIN. REROUTE DISTRIBUTION CABLES TO MDF-A.

H. CLOCKS: EXISTING CLOCKS IN ANCILLARY BUILDINGS TO REMAIN. REROUTE WIRING TO NEW SYSTEM IN ELECTRICAL 230.

KEYED NOTES – SHEET E1.2

1. EXISTING CONDUIT TO BE USED. EXTEND CONDUIT STUBBED UNDER PANEL AND CONNECT VIA LIGHTING CONTACTOR SERVING SITE AND PARKING LOT LIGHTS.
2. CONCRETE POLE BASE SHALL BE FLUSH AND LOCATED WITHIN FINISHED PATHWAY SURFACES, SEE ARCHITECTURAL DETAILS.
3. CONCRETE POLE BASE SHALL BE 6" ABOVE FINISHED GRADE AND LOCATED WITHIN LANDSCAPE, SEE ARCHITECTURAL DETAILS.
4. CONCRETE POLE BASE SHALL BE PARKING LOT TYPE, SEE ARCHITECTURAL DETAILS.
5. PROVIDE CONCRETE PAD FLUSHED WITH FINISHED GRADE SIZED FOR FLOODLIGHT WITH MINIMUM 6" DEPTH AND ADDITIONAL 2" AROUND FIXTURE. LOCATE FIXTURE 5FT BACK FROM SIGN UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER AND PROPERLY AIM TO LIGHT ENTIRE SIGN.
6. REWIRE LIGHT FIXTURE SUCH IT IS CONTROLLED BY SWITCH IN ROOM, PRESENTLY FIXTURE IS CONTROLLED BY SWITCH IN ADJACENT ROOM TO THE RIGHT.

(E)2B1-8

(E)TORK #3010 PHOTOCONTROL. FLUSH MOUNT IN WEATHERPROOF JUNCTION BOX FACING NORTH

NIGHT LIGHTS

(E)TORK #2101 TIME SWITCH. ON @ 3:00 PM, OFF @ 11:00 PM.

(E)BYPASS SWITCH MOUNTED ADJACENT TO LIGHTING CONTACTOR. LABEL– "OUTDOOR LIGHTING TEST SWITCH".

(E)ELEC. HELD LIGHTING CONTACTOR. 600V 20AMP SQUARE D OR ASCO PROVIDE QTY OF POLES SHOWN

NIGHT LIGHTS

(E)4B-4 → (E)POOL BUILDING LIGHTS
4B-9 → BUILDING LIGHTS – NORTH
4B-11 → BUILDING LIGHTS – NORTH
4B-13 → BUILDING LIGHTS – WEST/SOUTH
4B-6 → PARKING LIGHTS
4B-8 → PARKING & SIGN LIGHTS

PROVIDE EXTRA CABLE SUCH THAT CIRCUITS CAN EASILY BE SWITCHED TO ADJACENT RELAY FOR NIGHTLIGHT

NOTE: EXISTING TIME CLOCK AND CONTACTORS LOCATED IN ELECTRICAL 230

2 / E1.2 LIGHTING CONTROL DIAGRAM
SCALE: NONE

1 / E1.2 SITE PLAN - NEW ELECTRICAL
SCALE: 1" = 30'- 0"

H:\Sweet Home SD–High School Additions & Renovations – 1054\CAD Phase 3\E12.dwg, tab=E12, plotted Saturday, 05 April 2003 – 5:04pm by MYRONW.
Xrefs: SITE–BASE ECTBLK ostmplun ecinfo BASE–PLAN SURVEY–BASE GYM–PLAN HighSchool–Ancillary KITCHEN

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SWEET HOME SCHOOL DISTRICT 55
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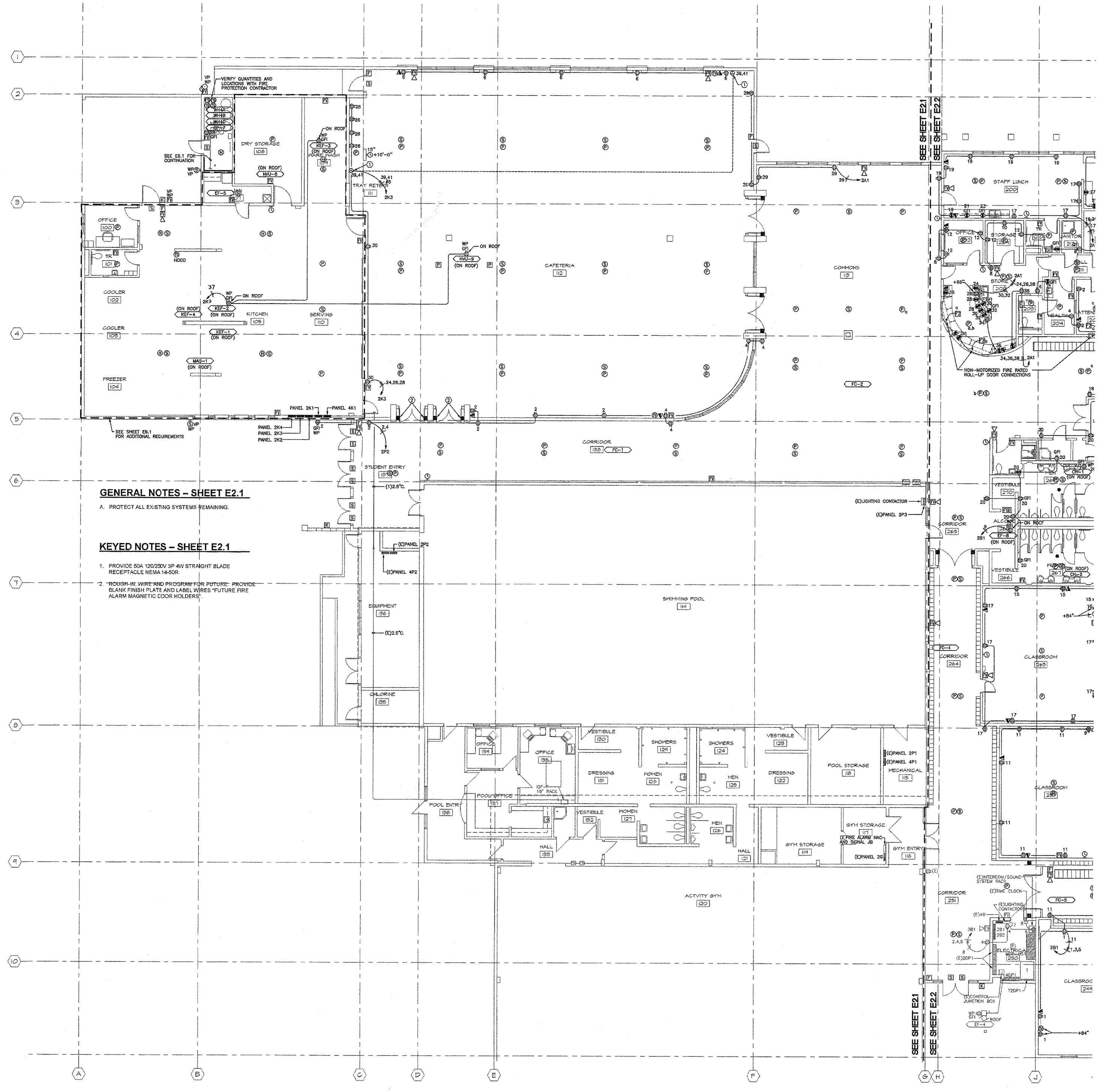
SITE PLAN
NEW ELECTRICAL

PROJECT NUMBER	DATE
01023	04-04-03

E1.2



①/E2.2 POWER AND SIGNAL PLAN - WEST

SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E2.1

A. PROTECT ALL EXISTING SYSTEMS REMAINING.

KEYED NOTES – SHEET E2.1

1. PROVIDE 50A 120/250V 3P 4W STRAIGHT BLADE RECEPTACLE NEMA 14-50R.
2. ROUGH-IN, WIRE AND PROGRAM FOR FUTURE. PROVIDE BLANK FINISH PLATE AND LABEL WIRES "FUTURE FIRE ALARM MAGNETIC DOOR HOLDERS".

H:\Sweet Home SD-High School Additions & Renovations – 1054\CAD Phase 3\E21_E22_E23.dwg, tab=E2.1, plotted Saturday, 05 April 2003 – 12:44pm by MYRONW.
Xrefs: BASE-PLAN ECTBLK JGA ROOMNAMES ostmplun ecinfo BASE-ATTIC KITCHEN

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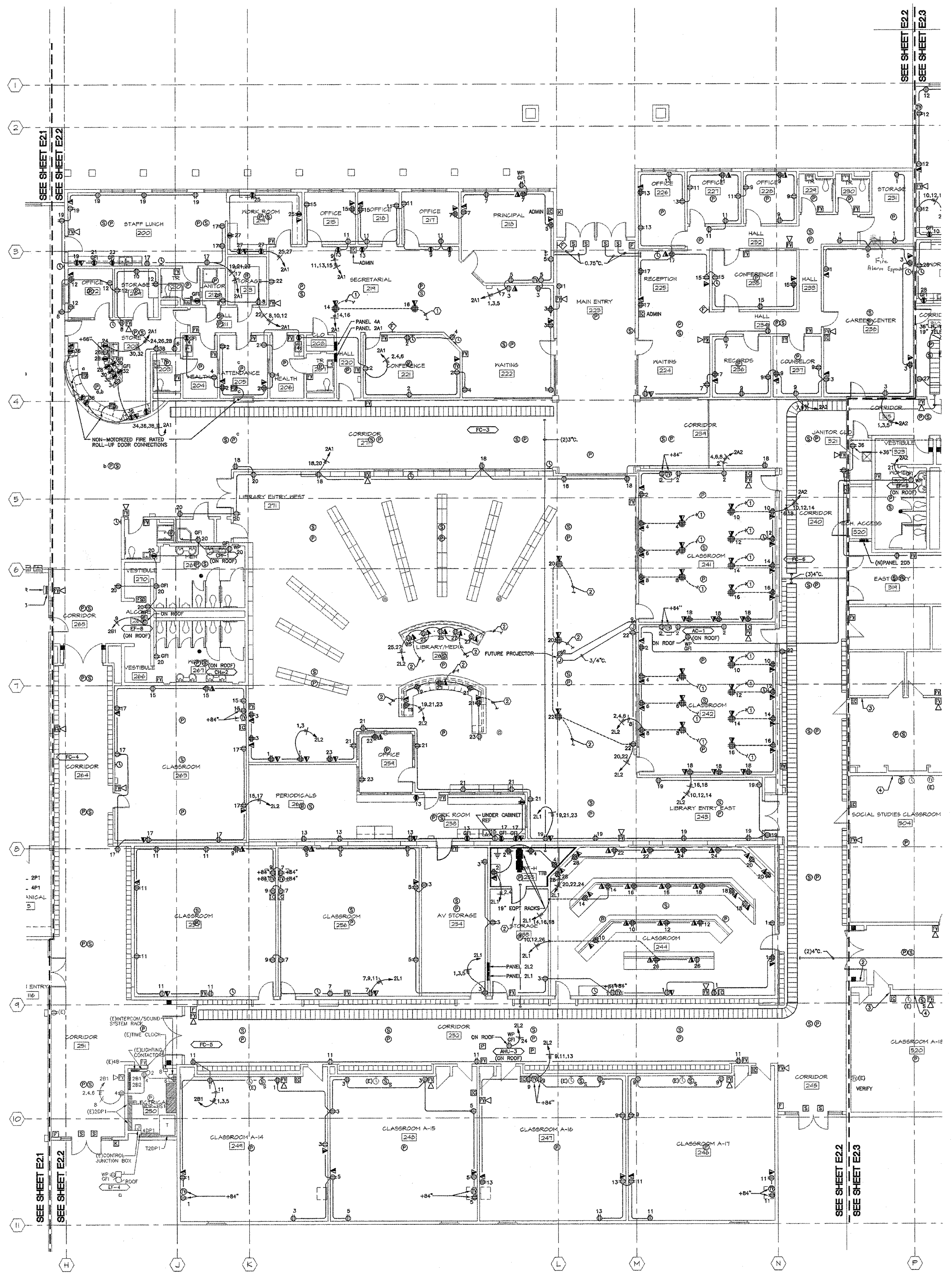
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

POWER AND SIGNAL PLAN - WEST

PROJECT NUMBER	DATE
01023	04-04-03

E2.1



POWER AND SIGNAL PLAN - CORE

SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E2.2

A. EXISTING CLOCKS SHALL BE RECONNECTED TO NEW SYSTEM IN ELECTRICAL 230.

KEYED NOTES – SHEET E2.2

1 1"C FROM FLOORBOX TO NEARBY CABLE TRAY FOR COMMUNICATION CABLING.

2 1"C TO NEARBY IDF-H 255 FOR COMMUNICATION CABLING.

H:\Sweet Home SD–High School Additions & Renovations – 1054\CAD Phase 3\E21_E22_E23.dwg, tab=E2.2, plotted Saturday, 05 April 2003 – 12:54pm by MYRONW.
Xrefs: BASE–PLAN ECTBLK JGA ROOMNAMES astmplun ecinfo BASE–ATTIC KITCHEN

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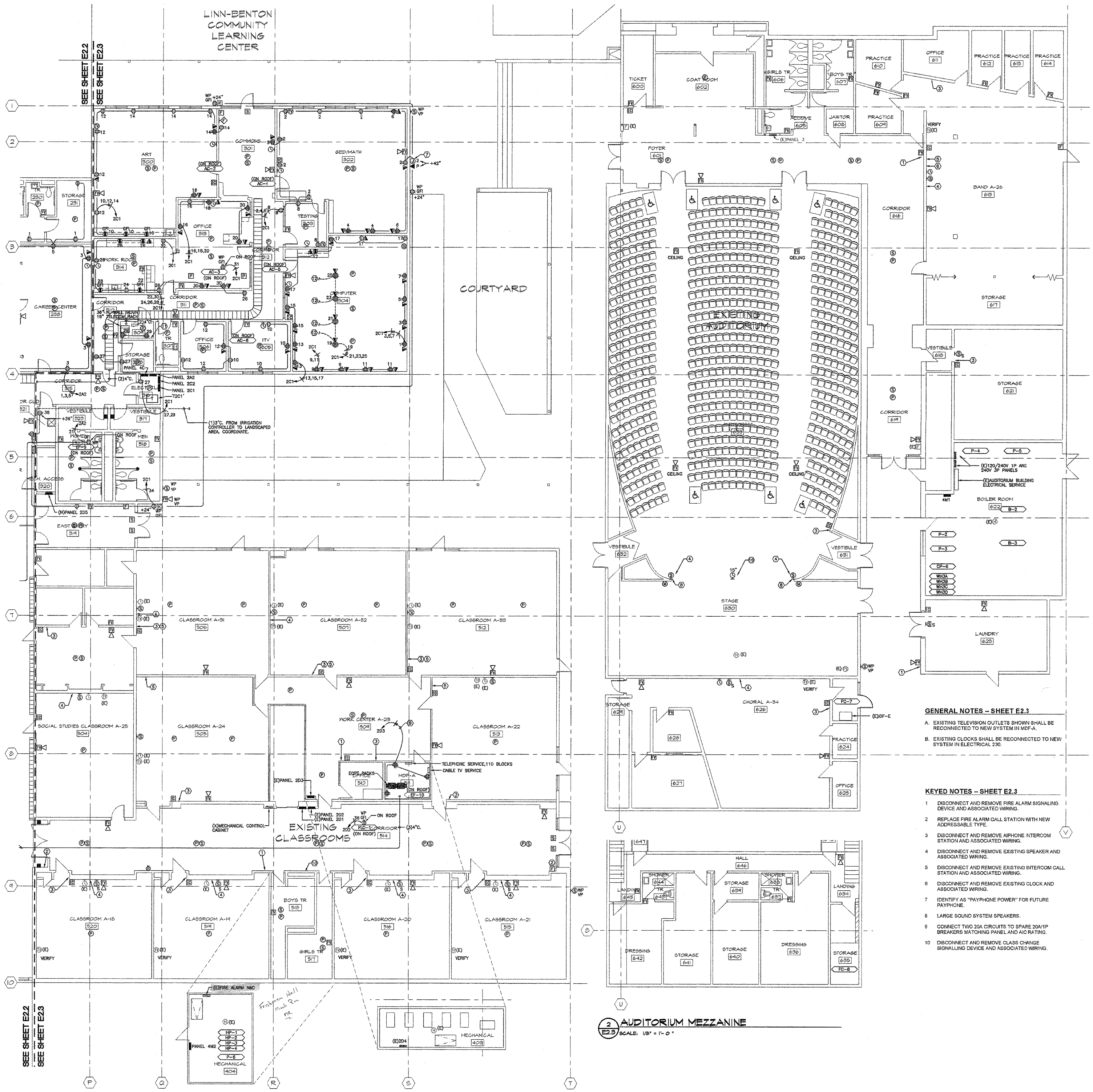
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

POWER AND SIGNAL
PLAN - CORE

PROJECT NUMBER	DATE
01023	04-04-03

E2.2



GENERAL NOTES – SHEET E2.3

A. EXISTING TELEVISION OUTLETS SHOWN SHALL BE RECONNECTED TO NEW SYSTEM IN MDF-A.

B. EXISTING CLOCKS SHALL BE RECONNECTED TO NEW SYSTEM IN ELECTRICAL 230.

KEYED NOTES – SHEET E2.3

1 DISCONNECT AND REMOVE FIRE ALARM SIGNALING DEVICE AND ASSOCIATED WIRING.

2 REPLACE FIRE ALARM CALL STATION WITH NEW ADDRESSABLE TYPE.

3 DISCONNECT AND REMOVE AIPHONE INTERCOM STATION AND ASSOCIATED WIRING.

4 DISCONNECT AND REMOVE EXISTING SPEAKER AND ASSOCIATED WIRING.

5 DISCONNECT AND REMOVE EXISTING INTERCOM CALL STATION AND ASSOCIATED WIRING.

6 DISCONNECT AND REMOVE EXISTING CLOCK AND ASSOCIATED WIRING.

7 IDENTIFY AS "PAYPHONE POWER" FOR FUTURE PAYPHONE.

8 LARGE SOUND SYSTEM SPEAKERS.

9 CONNECT TWO 20A CIRCUITS TO SPARE 20A/1P BREAKERS MATCHING PANEL AND AIC RATING.

10 DISCONNECT AND REMOVE CLASS CHANGE SIGNALLING DEVICE AND ASSOCIATED WIRING.

H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E21_E22_E23.dwg, tab=E2.3, plotted Saturday, 05 April 2003 - 5:16pm by MYRONW.
Xrefs: BASE-PLAN ECTBLK JGA ROOMNAMES ostmplun ecinfo BASE-ATTIC KITCHEN

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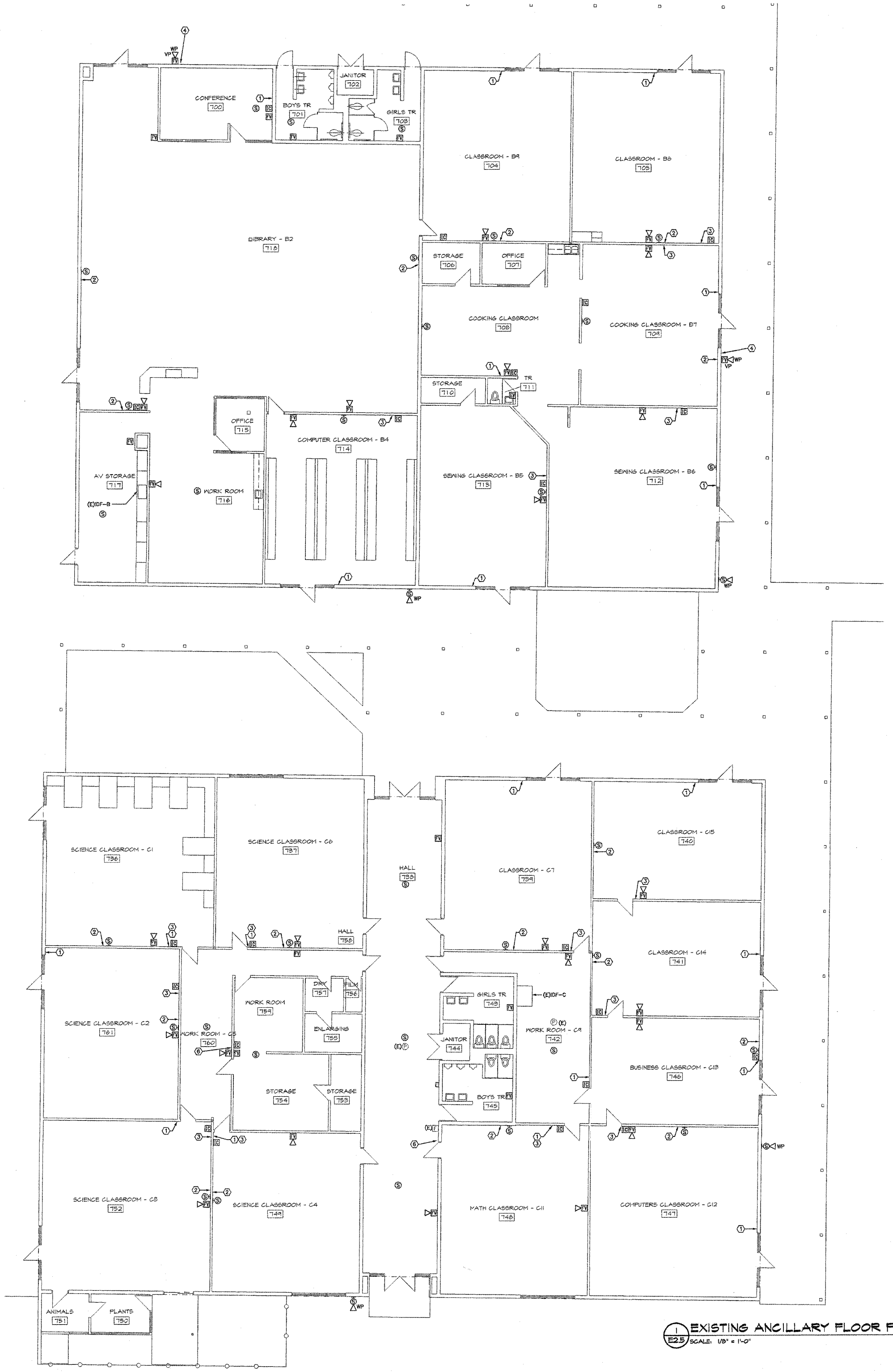
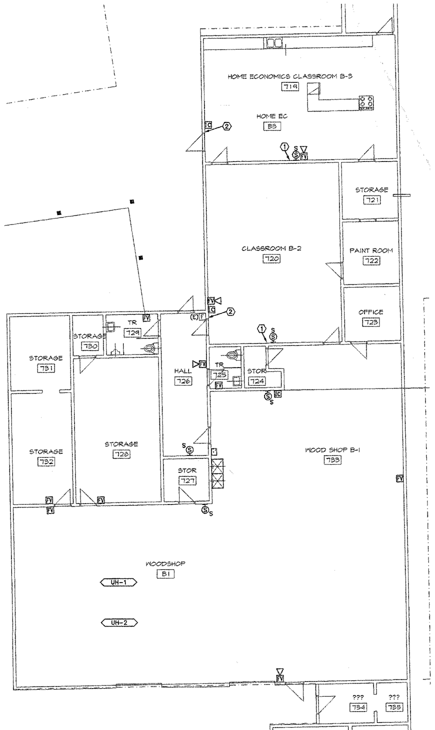
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

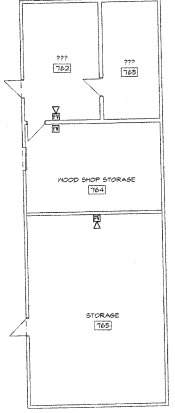
POWER AND SIGNAL
PLAN - EAST

PROJECT NUMBER	DATE
01023	04-04-03

E2.3







1 EXISTING ANCILLARY FLOOR PLANS POWER AND SIGNAL
E2.5 SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E2.5

A. EXISTING TELEVISION CABLING FOR EXISTING ANCILLARY BUILDINGS SHALL BE RECONNECTED TO NEW SYSTEM IN MDF-A. CONTRACTOR SHALL FIELD VERIFY. AS-BUILT DRAWINGS SHALL SHOW ALL EXISTING OUTLETS AND WIRING.

B. EXISTING CLOCKS WIRING FOR EXISTING ANCILLARY BUILDINGS SHALL BE RECONNECTED TO NEW SYSTEM IN ELECTRICAL 230. CONTRACTOR SHALL FIELD VERIFY. AS-BUILTS SHALL SHOW ALL EXISTING CLOCKS AND WIRING.

KEYED NOTES – SHEET E2.5

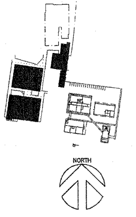
1 DISCONNECT AND REMOVE AIPHONE INTERCOM STATION AND ASSOCIATED WIRING.

2 DISCONNECT AND REMOVE EXISTING SPEAKER AND ASSOCIATED WIRING.

3 DISCONNECT AND REMOVE EXISTING INTERCOM CALL STATION AND ASSOCIATED WIRING.

4 DISCONNECT AND REMOVE FIRE ALARM SIGNALING DEVICE AND ASSOCIATED WIRING.

5 DISCONNECT AND REMOVE CLASS CHANGE SIGNALING DEVICE AND ASSOCIATED WIRING.



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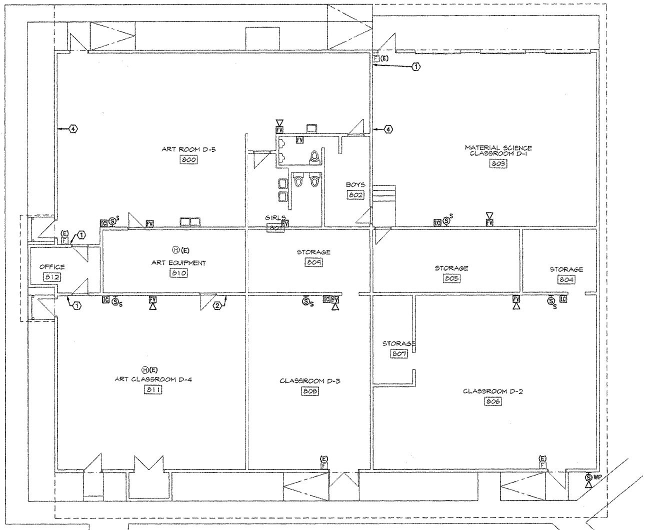
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

EXISTING ANCILLARY
FLOOR PLANS
POWER AND SIGNAL

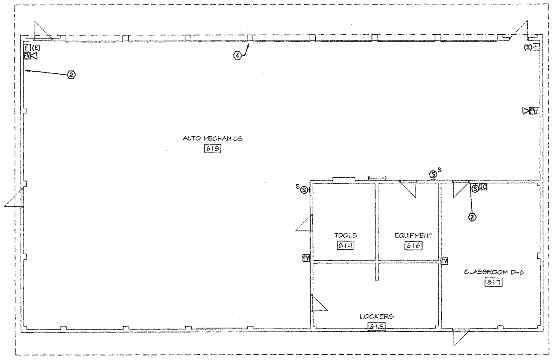
PROJECT NUMBER	DATE
01023	04-04-03

E2.5

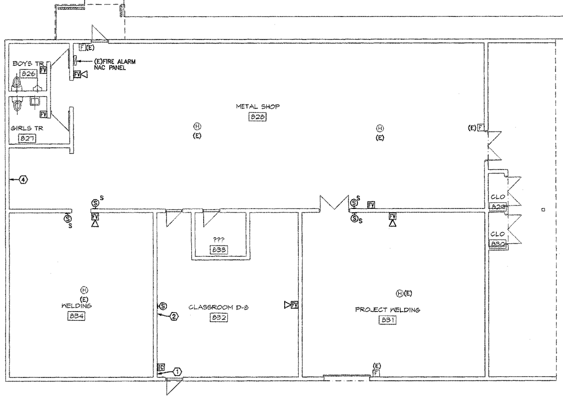
H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E25_E26.dwg, tab=E25, plotted Saturday, 05 April 2003 - 9:59am by MYRONW.
Xrefs: A2.5FP-ANX Title HighSchool-Ancillary ectblk astmplun ecinfo 36x42tb BASE-PLAN JGANAMESANNEX KITCHEN



1 E2.6 ART/DRAFTING BUILDING - POWER AND SIGNAL
SCALE: 1/8" = 1'-0"



2 E2.6 AUTO MECHANIC BUILDING - POWER AND SIGNAL
SCALE: 1/8" = 1'-0"



3 E2.6 METAL SHOP BUILDING - POWER AND SIGNAL
SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E2.6

A. EXISTING TELEVISION CABLING FOR EXISTING ANCILLARY BUILDINGS SHALL BE RECONNECTED TO NEW SYSTEM IN MDF-A. CONTRACTOR SHALL FIELD VERIFY. AS-BUILT DRAWINGS SHALL SHOW ALL EXISTING OUTLETS AND WIRING.

B. EXISTING CLOCKS WIRING FOR EXISTING ANCILLARY BUILDINGS SHALL BE RECONNECTED TO NEW SYSTEM IN ELECTRICAL 230. CONTRACTOR SHALL FIELD VERIFY. AS-BUILTS SHALL SHOW ALL EXISTING CLOCKS AND WIRING.

KEYED NOTES – SHEET E2.6

1 DISCONNECT AND REMOVE AIPHONE INTERCOM STATION AND ASSOCIATED WIRING.

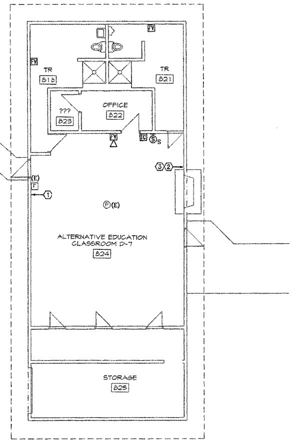
2 DISCONNECT AND REMOVE EXISTING SPEAKER AND ASSOCIATED WIRING.

3 DISCONNECT AND REMOVE EXISTING INTERCOM CALL STATION AND ASSOCIATED WIRING.

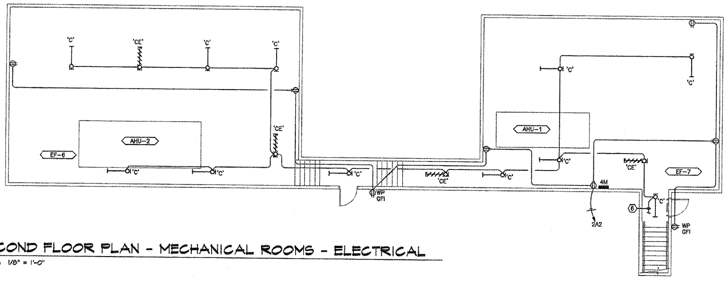
4 DISCONNECT AND REMOVE FIRE ALARM SIGNALING DEVICE AND ASSOCIATED WIRING.

5 DISCONNECT AND REMOVE CLASS CHANGE SIGNALING DEVICE AND ASSOCIATED WIRING.

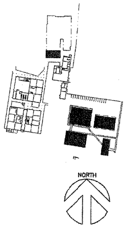
6 SEE CONTINUATION ON SHEET E3.3.



4 E2.6 EDUCATION BUILDING - POWER AND SIGNAL
SCALE: 1/8" = 1'-0"



5 E2.6 SECOND FLOOR PLAN - MECHANICAL ROOMS - ELECTRICAL
SCALE: 1/8" = 1'-0"



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Xrefs: A2.5FP–ANX Title HighSchool–Ancillary ectblk ostmplun ecinfo 36x42tb BASE–PLAN JGANAMESANNEX KITCHEN

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HIGH SCHOOL RECONSTRUCTION

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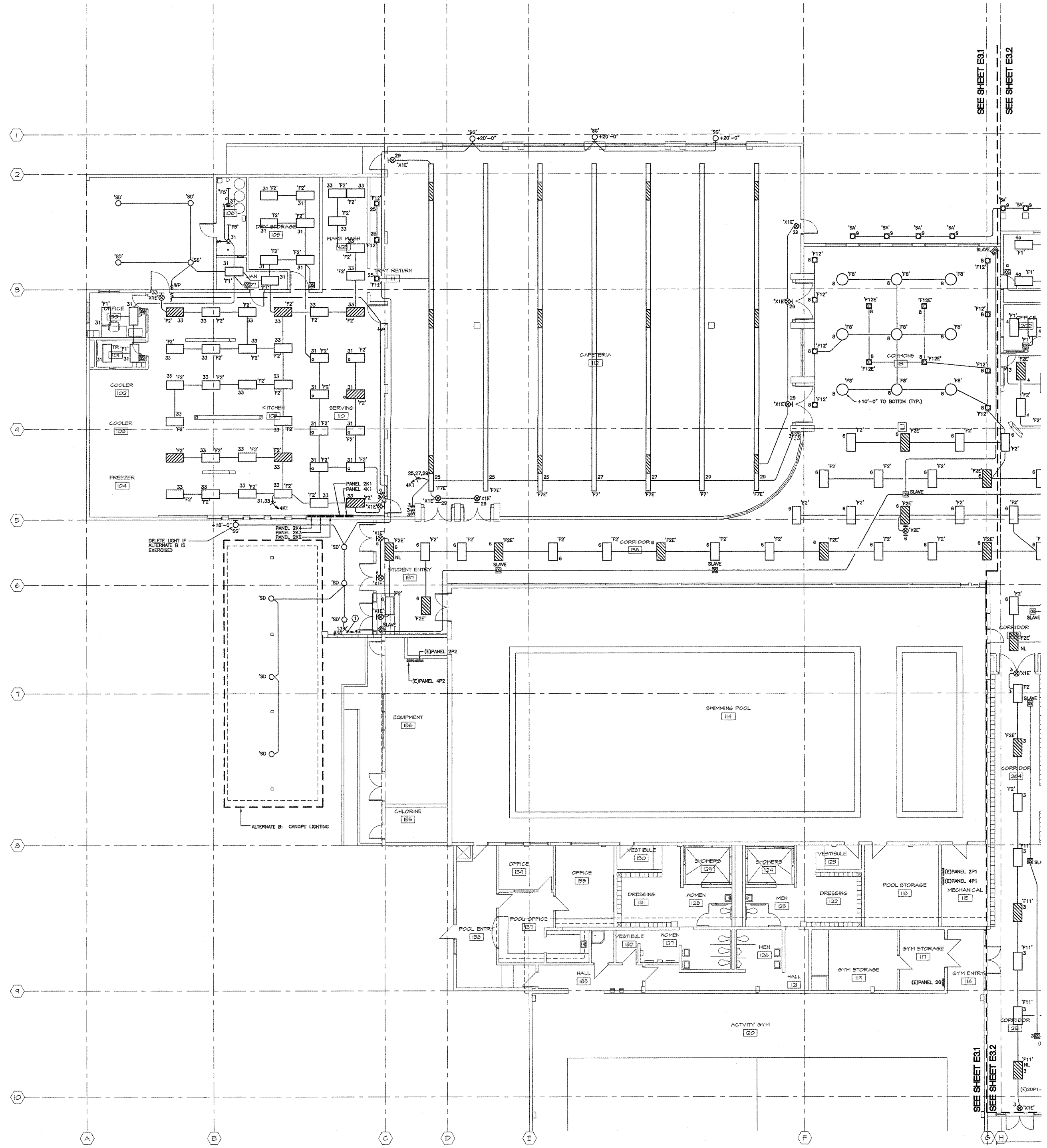
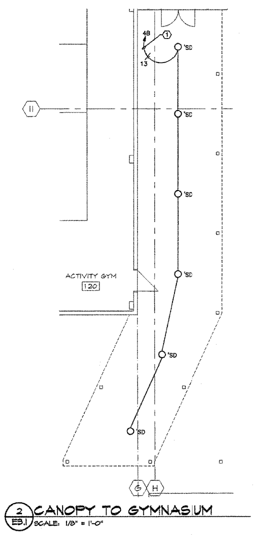
EXISTING ANCILLARY FLOOR PLANS POWER AND SIGNAL

PROJECT NUMBER	DATE
01023	04-04-03

E2.6



1 LIGHTING PLAN - WEST
E3.1 SCALE: 1/8" = 1'-0"



2 CANOPY TO GYMNASIUM
E3.1 SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E3.1

A. EXIT LIGHTS SHALL BE ON 24 HOURS.

B. LIGHTS WITH EMERGENCY BALLASTS SHALL BE SWITCHED WITH THE NORMAL LIGHTS UNLESS INDICATED AS NIGHTLIGHT 'NL'. PROVIDE AN ADDITIONAL HOT CONDUCTOR FOR THE EMERGENCY BALLASTS TO SENSE POWER FAILURE.

C. OCCUPANCY SENSORS: ACTUAL TYPE, QUANTITY, AIMING AND LOCATIONS SHALL BE CONFIRMED WITH MANUFACTURER'S REPRESENTATIVE PRIOR TO INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL DEVICES REQUIRED FOR PROPER COVERAGE. SET TIME DELAY AT MAXIMUM.

KEYED NOTES – SHEET E3.1

1. VIA LIGHTING CONTROL RELAY, SEE DETAIL 2/E1.2.

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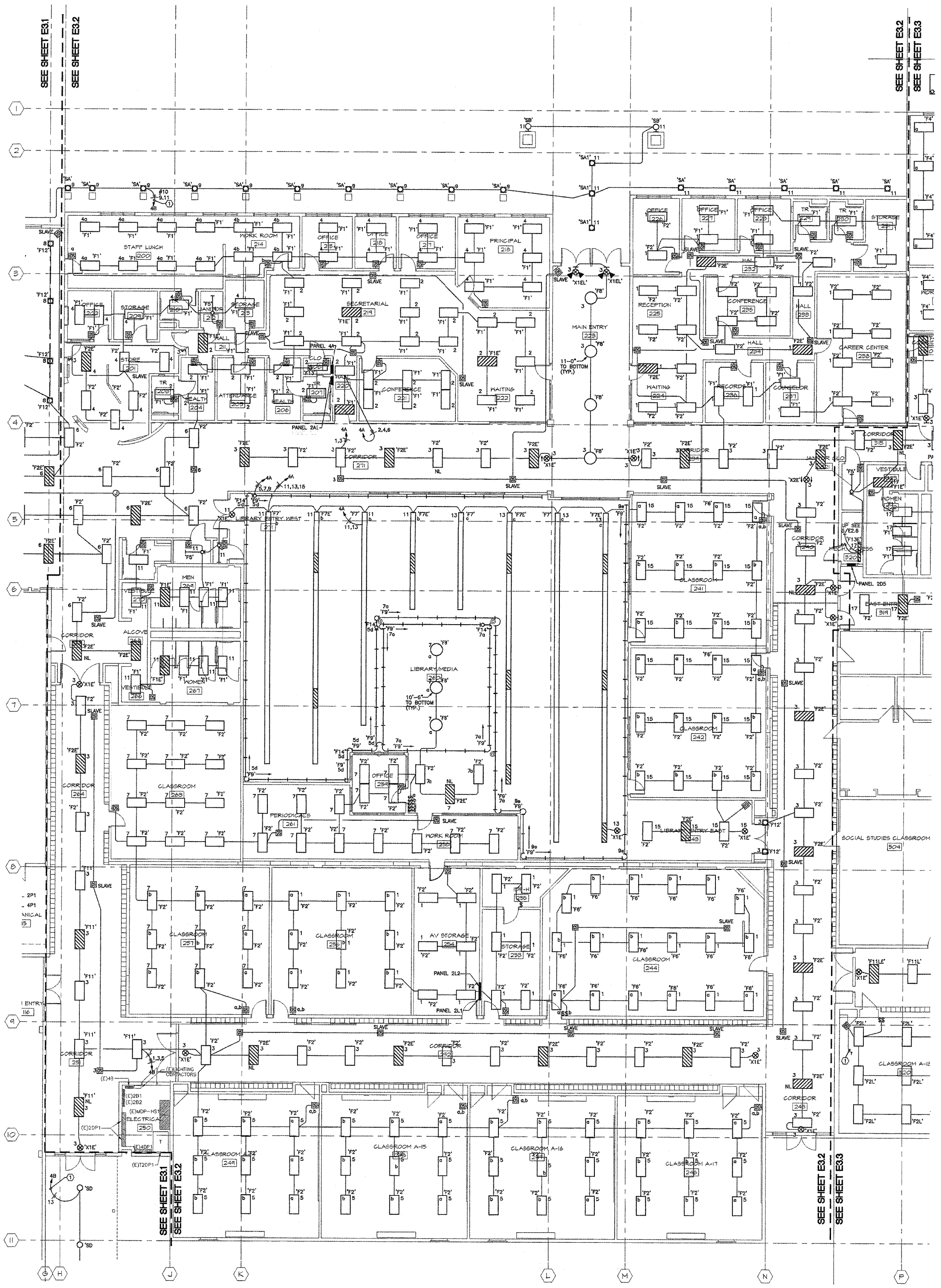
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

LIGHTING PLAN - WEST

PROJECT NUMBER	DATE
01023	04-04-03

E3.1

H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E31_E32_E33.dwg, tab=E3.1, plotted Saturday, 05 April 2003 - 12:33pm by MYRONW.
Xrefs: BASE-PLAN JGA ROOMNAMES KITCHEN ectblk ostmplun ecinfo



LIGHTING PLAN - CORE
SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E3.2

A. EXIT LIGHTS SHALL BE ON 24 HOURS.

B. LIGHTS WITH EMERGENCY BALLASTS SHALL BE SWITCHED WITH THE NORMAL LIGHTS UNLESS INDICATED AS NIGHTLIGHT 'NL'. PROVIDE AN ADDITIONAL HOT CONDUCTOR FOR THE EMERGENCY BALLASTS TO SENSE POWER FAILURE.

C. OCCUPANCY SENSORS: ACTUAL TYPE, QUANTITY, AIMING AND LOCATIONS SHALL BE CONFIRMED WITH MANUFACTURER'S REPRESENTATIVE PRIOR TO INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL DEVICES REQUIRED FOR PROPER COVERAGE. SET TIME DELAY AT MAXIMUM.

KEYED NOTES – SHEET E3.2

1. VIA LIGHTING CONTROL RELAY, SEE DETAIL 2/E1.2.

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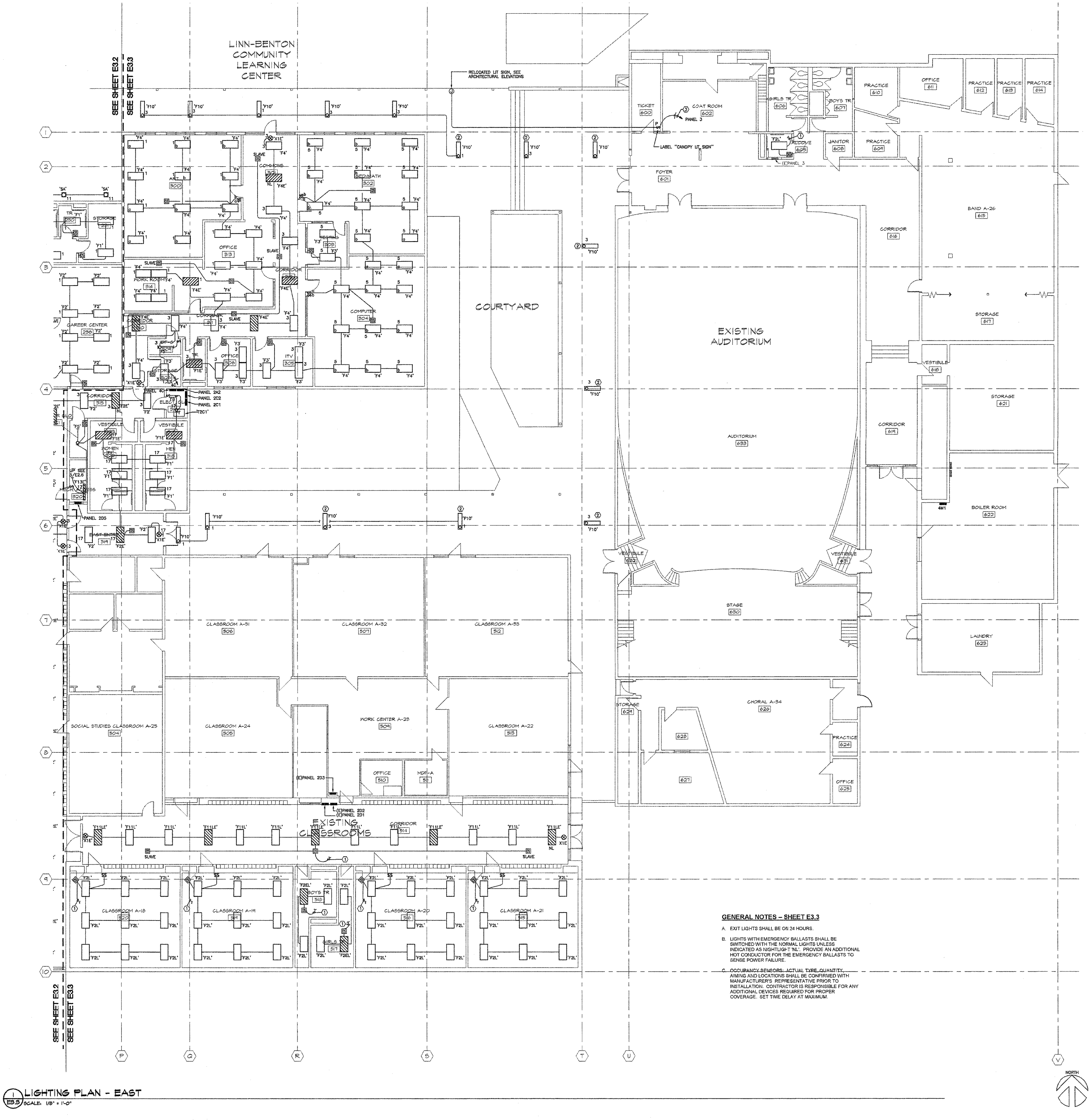
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

LIGHTING PLAN - CORE

PROJECT NUMBER	DATE
01023	04-04-03

E3.2

H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E31_E32_E33.dwg, tab=E3.2, plotted Saturday, 05 April 2003 - 10:17am by MYRONW.
Xrefs: BASE-PLAN JGA ROOMNAMES KITCHEN ectblk ostmplun ecinfo



① LIGHTING PLAN - EAST

E3.3 SCALE: 1/8" = 1'-0"

GENERAL NOTES – SHEET E3.3

A. EXIT LIGHTS SHALL BE ON 24 HOURS.

B. LIGHTS WITH EMERGENCY BALLASTS SHALL BE SWITCHED WITH THE NORMAL LIGHTS UNLESS INDICATED AS NIGHTLIGHT 'NL'. PROVIDE AN ADDITIONAL HOT CONDUCTOR FOR THE EMERGENCY BALLASTS TO SENSE POWER FAILURE.

C. OCCUPANCY SENSORS: ACTUAL TYPE, QUANTITY, AIMING AND LOCATIONS SHALL BE CONFIRMED WITH MANUFACTURER'S REPRESENTATIVE PRIOR TO INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL DEVICES REQUIRED FOR PROPER COVERAGE. SET TIME DELAY AT MAXIMUM.

H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E31_E32_E33.dwg, tab=E3.3, plotted Saturday, 05 April 2003 - 12:34pm by MYRONW.
Xrefs: BASE-PLAN JGA ROOMNAMES KITCHEN ectblk ostmplun ecinfo

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

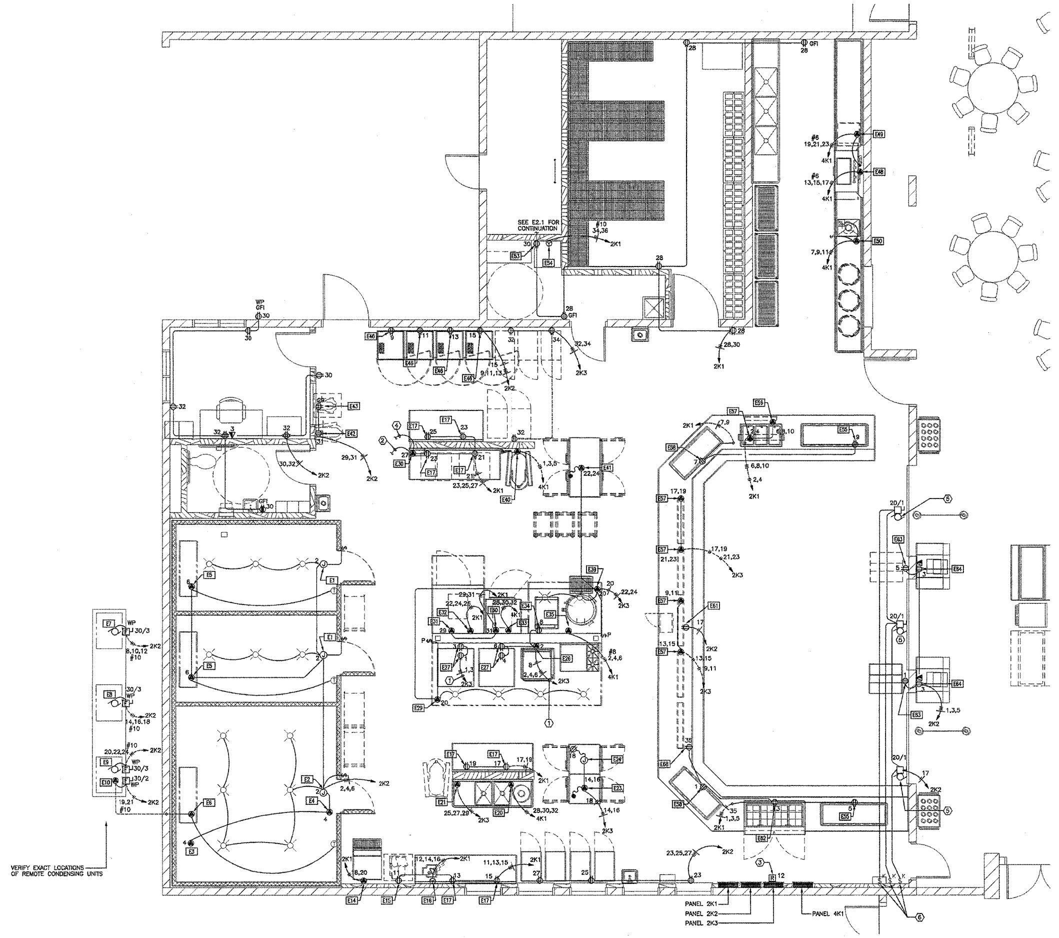
LIGHTING PLAN - EAST

PROJECT NUMBER	DATE
01023	04-04-03

E3.3

KITCHEN EQUIPMENT LIST - SHEET E6.1

ID #	V	PH	DESCRIPTION	LOCATION	HEIGHT	LOAD	DESCRIPTION	REMARKS
E1	120	1	J-BOX	CEILING		300W	WALK-IN LIGHTS	PROVIDE INTERCONNECTING WIRING
E2	120	1	J-BOX	CEILING		600W	WALK-IN LIGHTS	PROVIDE INTERCONNECTING WIRING
E3	120	1	J-BOX	CEILING		500W	WALK-IN DRAIN LINE HEATER	
E4	120	1	J-BOX	CEILING		500W	WALK-IN DOOR HEATER	
E5	120	1	J-BOX	CEILING		552W	WALK-IN COOLER EVAPORATOR	
E6			J-BOX	CEILING			WALK-IN FREEZER EVAPORATOR	SUPPLY POWER WIRING FROM E10
E7	208	3	J-BOX		VERIFY	1.5HP	W.I. COOLER CONDENSING UNIT	SYSTEM A – REMOTE
E8	208	3	J-BOX		VERIFY	1.5HP	W.I. COOLER CONDENSING UNIT	SYSTEM B – REMOTE
E9	208	3	J-BOX		VERIFY	3HP	W.I. FREEZER CONDENSING UNIT	SYSTEM C – REMOTE
E10	208	1	J-BOX		VERIFY	4365W	WALK-IN FREEZER DEFROST	SYSTEM C – REMOTE
E11								
E12								
E13								
E14	208	1	J-BOX	WALL	84"	2517W	CUBE ICE MACHINE	
E15	120	1	NEMA 5-20R	WALL	45"	0.5 HP	SLICER	
E16	208	3	NEMA L15-20R	WALL	45"	1008W	FOOD PROCESSOR	
E17	120	1	NEMA 5-20R	WALL	45"	1KW	CONVENIENCE	
E18								
E19								
E20	480	3	J-BOX	WALL	18"	2HP	DISPOSER	PROVIDE INTERCONNECTING WIRING BETWEEN DISPOSER, SOLENOID AND SWITCH
E21	208	3	J-BOX	WALL	24"	2HP	60-QUART MIXER	EXISTING EQUIPMENT – VERIFY REQUIREMENTS
E22								
E23	120/208	1	J-BOX	CEILING		1500W	PASS-THRU HOT CABINET	
E24	120	1	J-BOX & NEMA 5-20R	CEILING		864W	PASS-THRU COLD CABINET	DROP CORD WITH RECEPTACLE FROM CEILING
E25								
E26	120	1	J-BOX	WALL		360W	TILTING SKILLET	
E27	120	1	NEMA 5-20R	WALL	18" & 45"	852W	DB'LE STACKED CONVECTION OVENS	
E28								
E29	120	1	J-BOX	CEILING		40W	HOOD LIGHTS	PROVIDE INTERCONNECTING WIRING
E30	120	1	J-BOX	WALL	102"		HOOD FIRE PROTECTION SYSTEM	
E31	120	1	J-BOX	WALL	104"	1920W	RACK OVEN	
E32	208	3	J-BOX	WALL	104"	1584W	RACK OVEN	
E33	480	3	J-BOX	WALL	104"	8802W	ROLL-IN PROOFING CABINET	
E34	120	1	NEMA 5-20R	WALL	24"	35W	CONVECTION STEAMER	
E35	480	3	J-BOX	WALL	18"	19.5KW	40-GALLON KETTLE	
E36								
E37								
E38								
E39	120	1	J-BOX	CEILING		200W	HOOD LIGHTS	PROVIDE INTERCONNECTING WIRING
E40	480	3	J-BOX	WALL	50"	2HP	60-QUART MIXER	
E41	120/208	1	J-BOX	CEILING		3000W	PASS-THRU HOT CABINET	DROP CORD FROM CEILING
E42	120	1	NEMA 5-20R	WALL	20"	1.5HP	30-QUART MIXER	EXISTING EQUIPMENT – VERIFY REQUIREMENTS
E43	E	1	NEMA 5-20R	WALL	20"	1HP	20-QUART MIXER	
E44								
E45								
E46	120	1	NEMA 5-20R	WALL	20"	2000W	HOT TRANSPORT CARTS	
E47								
E48	480	3	J-BOX	WALL	64"	2.17HP &15KW	WAREWASHER	PROVIDE INTERCONNECTING WIRING BETWEEN WAREWASHER AND BOOSTER HEATER
E49	480	3	J-BOX	WALL	18"	27KW	BOOSTER HEATER	
E50	480	3	J-BOX	WALL	18"	3HP	DISPOSER	PROVIDE INTERCONNECTING WIRING BETWEEN DISPOSER, SOLENOID AND SWITCH
E51								
E52								
E53	120	1	NEMA 5-20R	WALL	45"	1500W	CLOTHES WASHER	FURNISHED BY OWNER, VERIFY REQUIREMENTS
E54	208	1	NEMA 6-30R	WALL	45"	5000W	CLOTHES DRYER	FURNISHED BY OWNER, VERIFY REQUIREMENTS
E55	120	1	NEMA 5-20R	WALL	18"	1176W	REFRIGERATED DISPLAY PANS	
E56	208	3	J-BOX	WALL	20"	3700W	HOT FOOD UNIT	
E57	208	1	J-BOX	WALL	20"	1100W	FOOD WARMER	
E58	120	1	NEMA 5-20R	WALL	18"	816W	REFRIGERATED DISPLAY PANS	
E59								
E60	120	1	J-BOX	WALL	104"	100	ROLL-IN PROOFING CABINET CONTROL	
E61	120	1	NEMA 5-20R	WALL	20"	1200W	MICROWAVE OVEN	
E62	120	1	NEMA 5-20R	WALL	20"	1440W	DELI-SANDWICH REFRIGERATOR	
E63	120	1	NEMA 5-20R	WALL	18"	552W	MILK COOLERS	
E64	120	1	NEMA 5-20R	WALL	18"	1KW	CASH SYSTEM	ISOLATED GROUND


SEE E2.1 FOR CONTINUATION
VERIFY EXACT LOCATIONS OF REMOTE CONDENSING UNITS
PANEL 2K1
PANEL 2K2
PANEL 2K3
PANEL 4K1

1 KITCHEN DETAILS
E6.1 SCALE: 1/4" = 1'-0"

GENERAL NOTES – SHEET E6.1

A. THIS DRAWING IS NOT TO BE USED FOR ESTABLISHING ROUGH-IN LOCATIONS. REFER TO DIMENSIONED DRAWINGS PREPARED BY THE KITCHEN EQUIPMENT CONTRACTOR.

B. VERIFY ALL CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.

C. HOOD LIGHTS, HEAT LAMPS & DISPLAY LIGHTS ARE FURNISHED UNDER KITCHEN EQUIPMENT, DIVISION 11. ELECTRICAL SHALL FURNISH AND INSTALL SWITCHES AND FURNISH AND INSTALL ALL INTERCONNECTING WIRING CONCEALED FROM SIGHT.

D. WALK-IN COLD (COOLER AND FREEZER) STORAGE ROOMS, LIGHTS, AND CEILING MOUNTED EVAPORATORS ARE FURNISHED UNDER KITCHEN EQUIPMENT, DIVISION 11. ELECTRICAL SHALL FURNISH AND INSTALL ALL INTERCONNECTING WIRING CONCEALED FROM SIGHT.

E. ALL EVAPORATOR MOTOR CONNECTIONS SHALL BE MADE WITH CONDUIT TO A JUNCTION BOX. PLUG-IN TYPE CONNECTIONS WILL NOT BE ACCEPTABLE.

F. COLD STORAGE ROOM EVAPORATOR DRAIN LINES (INCLUDING HEAT TAPE FOR FREEZER DRAIN) ARE FURNISHED AND INSTALLED UNDER KITCHEN EQUIPMENT, DIVISION 11. TRAP AT OUTLET END.

G. REFRIGERATION & CASH LINES ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED TO FIT BUILDING CONDITIONS.

KEYED NOTES – SHEET E6.1

1. ROUTE CIRCUITS THROUGH RELAY, SEE KEYED NOTE 3.
2. PROVIDE INTERCONNECTING WIRING BETWEEN HOOD FIRE PROTECTION SYSTEM AND SHUNT TRIP CIRCUIT BREAKER 2,4,6 IN PANEL 4K1 TO SHUT OFF POWER TO EQUIPMENT UNDER HOOD DURING FIRE PROTECTION SYSTEM ACTIVATION.
3. PROVIDE 12-POLE 30A 120V MECHANICALLY HELD N.C. CONTACTORS WITH NEMA 1 ENCLOSURE FOR SHUTTING OFF EQUIPMENT UNDER THE HOOD BY ACTIVATION OF HOOD SUPPRESSION SYSTEM. VERIFY AND COORDINATE CONTROL COIL REQUIREMENTS WITH HOOD FIRE PROTECTION SYSTEM SUPPLIER FOR PROPER OPERATION AND CONNECTIONS.
4. PROVIDE INTERCONNECTING WIRING BETWEEN HOOD FIRE PROTECTION SYSTEM AND MECHANICALLY HELD CONTACTORS (KEYED NOTE 3) TO SHUT OFF POWER TO EQUIPMENT UNDER HOOD DURING FIRE PROTECTION SYSTEM ACTIVATION.
5. MOTORIZED GRILL (0.5HP, 120V, 1P).
6. INSTALL KEYED SWITCHES FURNISHED WITH MOTORIZED GRILLS FLUSHED IN WALL AND INTERCONNECTING WIRING. VERIFY AND COORDINATE REQUIREMENTS.

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REGISTERED PROFESSIONAL ENGINEER
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OREGON
JULY 25, 1995
MEE LUN CHAU
EXPIRES: 12-31-03

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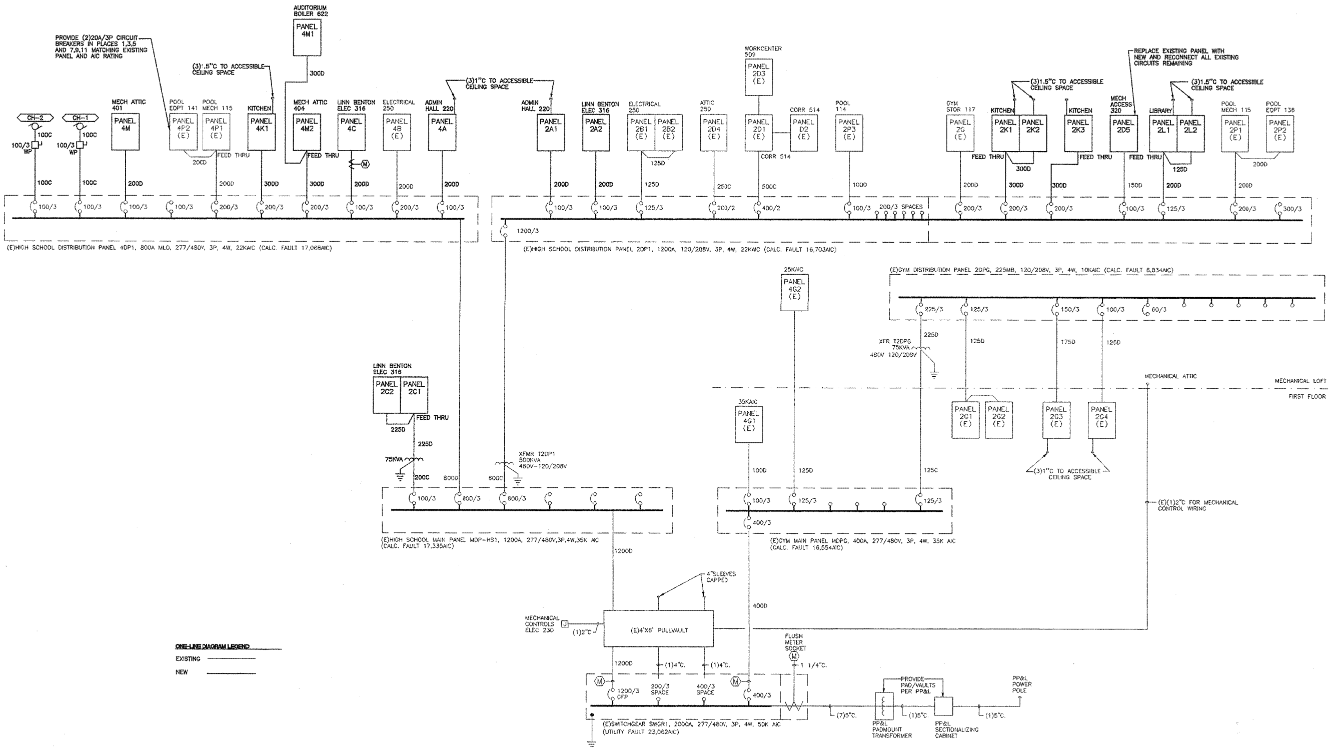
SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

KITCHEN DETAILS

PROJECT NUMBER 01023
DATE 04-04-03

E6.1

H:\Sweet Home SD–High School Additions & Renovations – 1054\CAD Phase 3\E61.dwg, tab=E61, plotted Saturday, 05 April 2003 – 12:14pm by MYRONW.
Xrefs: SH–FS1–4 SH–fseqxr BASE–PLAN KITCHEN ectblk ostmplun ecinfo



1 E9.1 **ELECTRICAL ONE-LINE DIAGRAM**
NONE

FEEDER SCHEDULE

20A	0.5"C 2#12, 1#12 GRD
20B	0.5"C 4#12
20C	0.75"C 3#12, 1#12 GRD
20D	0.75"C 4#12, 1#12 GRD
30A	0.75"C 3#10
30B	0.75"C 4#10
30C	0.75"C 3#10, 1#10 GRD
30D	0.75"C 4#10, 1#10 GRD
40A	0.75"C 3#8
40B	0.75"C 4#8
40C	0.75"C 3#8, 1#10 GRD
40D	0.75"C 4#8, 1#10 GRD
60A	0.75"C 3#6
60B	0.75"C 4#6
60C	0.75"C 3#6, 1#10 GRD
60D	1"C 4#6, 1#10 GRD
70A	1"C 3#4
70B	1"C 4#4
70C	1"C 3#4, 1#8 GRD
70D	1.25"C 4#4, 1#8 GRD
80A	1"C 3#3, 1#8 GRD
80B	1.25" 4#3
80C	1.25" 3#3, 1#8 GRD
80D	1.25" 4#3, 1#8 GRD
100A	1"C 3#2
100B	1.25"C 4#2
100C	1.25"C 3#2, 1#8 GRD
100D	1.25"C 4#2, 1#8 GRD
125A	1.25"C 3#1
125B	1.5"C 4#1
125C	1.5"C 3#1, 1#6 GRD
125D	1.5"C 4#1, 1#6 GRD
150A	1.25"C 3#1/0
150B	1.5"C 4#1/0
150C	1.5"C 3#1/0, 1#6 GRD
150D	2"C 4#1/0, 1#6 GRD
175A	1.5"C 3#2/0
175B	2"C 4#2/0
175C	2"C 3#2/0, 1#6 GRD
175D	2"C 4#2/0, 1#6 GRD
200A	1.5"C 3#3/0
200B	2"C 4#3/0
200C	2"C 3#3/0, 1#6 GRD
200D	2"C 4#3/0, 1#6 GRD
225A	2"C 3#4/0
225B	2"C 4#4/0
225C	2"C 3#4/0, 1#4 GRD
225D	2.5"C 4#4/0, 1#4 GRD
250A	2"C 3#250
250B	2.5"C 4#250
250C	2.5"C 3#250, 1#4 GRD
250D	3"C 4#250, 1#4 GRD
300A	2.5"C 3#350
300B	3"C 4#350
300C	3"C 3#350, #4 GRD
300D	3"C 4#350, 1#4 GRD
400A	3"C 3#500
400B	3"C 4#500
400C	3"C 3#500, 1#3 GRD
400D	3.5"C 4#500, 1#3 GRD
500A	(2) SETS 250A
500B	(2) SETS 250B
500C	(2) SETS 250C, EXCEPT #2 GRD
500D	(2) SETS 250D, EXCEPT #2 GRD
600A	(2) SETS 300A
600B	(2) SETS 300B
600C	(2) SETS 300C, EXCEPT #1 GRD
600D	(2) SETS 300D, EXCEPT #1 GRD
800A	(2) SETS 400A
800B	(2) SETS 400B
800C	(2) SETS 400C, EXCEPT #1/0 GRD
800D	(2) SETS 400D, EXCEPT #1/0 GRD
1000A	(3) SETS 2.5"C 3#400KCM
1000B	(3) SETS 3"C 4#400KCM
1000C	(3) SETS 3"C 3#400KCM, 1#2/0 GRD
1000D	(3) SETS 3"C 4#400KCM, 1#2/0 GRD
1200A	(4) SETS 300A
1200B	(4) SETS 300B
1200C	(4) SETS 300C, EXCEPT #3/0 GRD
1200D	(4) SETS 300D, EXCEPT #3/0 GRD
1600A	(5) SETS 3"C 3#400KCM
1600B	(5) SETS 3"C 4#400KCM
1600C	(5) SETS 3"C 3#400KCM, 1#4/0 GRD
1600D	(5) SETS 3"C 4#400KCM, 1#4/0 GRD
2000A	(6) SETS 3"C 3#400KCM
2000B	(6) SETS 3"C 4#400KCM
2000C	(6) SETS 3"C 3#400KCM, 1#250 GRD
2000D	(6) SETS 3"C 4#400KCM, 1#250 GRD

LOAD SUMMARY

	KVA	DF	DEM AND
PHASE 1 – GYM BUILDING MDPG			
LIGHTING	43.2	1.25	54 KVA
RECEPTACLE	10	1	10 KVA
	33.4	0.5	16.7
MECHANICAL	58.1	1	58.1 KVA
EQUIPMENT	6	1	6 KVA
KITCHEN	18.4	1.00	18.4 KVA
MISCELLANEOUS	0	1	0 KVA
SUBTOTAL			163.2 KVA
PHASE 2 – POOL SUPPORT MDP–HS1			
LIGHTING	19.2	1.25	24 KVA
RECEPTACLE	9.5	1	9.5 KVA
	0	0.5	KVA
MECHANICAL	105.2	1	105.2 KVA
EQUIPMENT	13.7	1	13.7 KVA
KITCHEN	0	0.65	0 KVA
MISCELLANEOUS	0	1	0 KVA
SUBTOTAL			152.4 KVA
PHASE 3 – RECONSTRUCTION MDP–HS1			
LIGHTING	52.4	1.25	65.6 KVA
RECEPTACLE	110.1	1	110.1 KVA
		0.5	
MECHANICAL	265.9	1	265.9 KVA
EQUIPMENT	22.9	1	22.9 KVA
KITCHEN	161.6	0.65	105.0 KVA
MISCELLANEOUS	0.0	1	0.0 KVA
SUBTOTAL			569.5 KVA
TOTAL ON MDP–HS1			722 KVA
(RATED 1200A, 277/480V, 3P, 4W)			868 A
AVAILABLE SPARE			332 A
TOTAL ON SWITCHGEAR SWGR1			885 KVA
(RATED 2000A, 277/480V, 3P, 4W)			1065 A
AVAILABLE SPARE			935 A

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SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

ONE LINE DIAGRAM AND PANELBOARD SCHEDULES

PROJECT NUMBER: 01023
DATE: 04-04-03

E9.1

H:\Sweet Home SD–High School Additions & Renovations – 1054\CAD Phase 3\E91.dwg, tab=E91, plotted Saturday, 05 April 2003 – 5:28pm by MYRONW.
Xrefs: ECTBLK ostmplun ecinfo

PANEL 2A1		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
MAIN ENTRY 223	R	540	20	1	1	A	2	20	1	R	1080	CONF,ATTENDDANCE
WAITING 222	R	900	20	1	3	B	4	20	1	R	1080	HEALTH ROOMS
PRINCIPAL 218	R	900	20	1	5	C	6	20	1	E	800	STORE REFRIGERATOR
PRINCIPAL 218	R	1080	20	1	7	A	8	20	1	R	900	JANITOR 212
SECRETARIAL 219	R	360	20	1	9	B	10	20	1	E	1500	STORAGE 209(FREEZER)
OFFICE 217,216	R	900	20	1	11	C	12	20	1	R	900	STORAGE 209
SECRETARIAL 219	R	360	20	1	13	A	14	20	1	R	720	SECRETARIAL 219(FLOORBOX)
OFFICE 215,216	R	900	20	1	15	B	16	20	1	R	720	SECRETARIAL 219(FLOORBOX)
STAFF LUNCH 200	R	720	20	1	17	C	18	20	1	R	1080	LIBRARY, CORRIDOR 271
STAFF LUNCH 200	R	1080	20	1	19	A	20	20	1	R	1260	RESTROOMS, CORR 271,
STAFF LUNCH (COFFEE MAKER)	E	1000	20	1	21	B	22	20	1	E	1200	COPIER
STAFF LUNCH (MICROWAVE)	E	1000	20	1	23	C	24	20	1	E	1000	STORE MICROWAVE
WORK ROOM 214	R	360	20	1	25	A	26	20	1	E	540	STORE 201
WORK ROOM 214	R	540	20	1	27	B	28	20	1	R	360	STORE 201
CAFETERIA, COMMONS	R	720	20	1	29	C	30	20	1	R	180	STORE 201
EF-6	M	90	20	1	31	A	32	20	1	R	180	STORE 201
			20	1	33	B	34	20	1	E	1000	STORE MICROWAVE
			20	1	35	C	36	20	1	R	540	STORE 201
			20	1	37	A	38	20	1	E	800	STORE REFRIGERATOR
			20	1	39	B	40	20	1			
			20	1	41	C	42	20	1			
CONNECTED LOAD		27.3 KVA			75.7		Amps					

PANEL:2A2		120 208		3	PH	4	W	100 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
STORAGE 231	R	400	20	1	1	A	2	20	1	R	900	CLASSROOM 241
CAREER CENTER 238	R	1080	20	1	3	B	4	20	1	R	720	CLASSROOM 241
CAREER CENTER (COPIER)	R	1200	20	1	5	C	6	20	1	R	720	CLASSROOM 241
RECORDS 236	R	1080	20	1	7	A	8	20	1	R	720	CLASSROOM 241
COUNSELOR 237	R	1080	20	1	9	B	10	20	1	R	720	CLASSROOM 241
OFFICE 227	R	1080	20	1	11	C	12	20	1	R	720	CLASSROOM 241
OFFICE 226	R	900	20	1	13	A	14	20	1	R	720	CLASSROOM 241
CONFERENCE 235	R	900	20	1	15	B	16	20	1	R	720	CLASSROOM 241
RECEPTION 225	R	1080	20	1	17	C	18	20	1	R	1080	CLASSROOM 241
OFFICE 228	R	900	20	1	19	A	20	20	1	M	696	EF-9
ROOF RECEPTACLES	R	360	20	1	21	B	22	20	1	M	73	EF-7
			20	1	23	C	24	20	1			
			20	1	25	A	26	20	1			
			20	1	27	B	28	20	1			
			20	1	29	C	30	20	1			
			20	1	31	A	32	20	1			
			20	1	33	B	34	20	1			
			20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
			20	1	39	B	40	20	1			
			20	1	41	C	42	20	1			
CONNECTED LOAD		17.8 KVA			49.5		Amps					
NEC DEMAND LOAD		14.3 KVA			39.7		Amps					

PANEL 2C1		120 208		3	PH	4	W	225 A BUS				225A MAIN BREAKER
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
COMPUTER 304	R	1000	20	1	1	A	2	20	1	R	1260	GEO/MATH 302
COMPUTER 304	R	1000	20	1	3	B	4	20	1	R	720	GEO/MATH 302
COMPUTER 304	R	1000	20	1	5	C	6	20	1	R	720	GEO/MATH 302
COMPUTER 304	R	1000	20	1	7	A	8	20	1	R	900	COMMONS 301,TESTING 303
COMPUTER 304	R	720	20	1	9	B	10	20	1	R	540	ART 300
COMPUTER 304	R	720	20	1	11	C	12	20	1	R	720	ART 300
COMPUTER 304	R	720	20	1	13	A	14	20	1	R	1080	ART 300
COMPUTER 304	R	720	20	1	15	B	16	20	1	R	900	OFFICE 313
COMPUTER 304	R	1080	20	1	17	C	18	20	1	R	360	OFFICE 313
COMPUTER 304	R	1000	20	1	19	A	20	20	1	R	720	OFFICE 313
COMPUTER 304	R	1000	20	1	21	B	22	20	1	E	1000	MICROWAVE
COMPUTER 304	R	1000	20	1	23	C	24	20	1	E	1000	REFRIGERATOR
COMPUTER 304	R	1000	20	1	25	A	26	20	1	R	900	WORK RM 314
CORR 310,ELEC. 401	R	540	20	1	27	B	28	20	1	E	1000	WORK RM 314 (COFFEE MAKER)
IDF 309	R	720	20	1	29	C	30	20	1	R	720	OFFICE 313
ROOF RECEPTACLE	R	180	20	1	31	A	32	20	1	E	1200	WORK RM 314 (COPIER)
			20	1	33	B	34	20	1	R	720	OUTDOOR RECEPTACLES
			20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
			20	1	39	B	40	20	1			
			20	1	41	C	42	20	1			
CONNECTED LOAD		27.9 KVA			77.3		Amps					FEED-THRU LUGS

PANEL 2C2		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
			20	1	1	A	2	20	1			
			20	1	3	B	4	20	1			
			20	1	5	C	6	20	1			
			20	1	7	A	8	20	1			
			20	1	9	B	10	20	1			
			20	1	11	C	12	20	1			
			20	1	13	A	14	20	1			
			20	1	15	B	16	20	1			
			20	1	17	C	18	20	1			
			20	1	19	A	20	20	1			
			20	1	21	B	22	20	1			
			20	1	23	C	24	20	1			
			20	1	25	A	26	20	1			
			20	2	27	B	28	20	2			
					29	C	30					
			30	2	31	A	32	20	2			
					33	B	34					
			30	2	35	C	36	20	2			
					37	A	38					
			30	2	39	B	40	20	2			
					41	C	42					
CONNECTED LOAD		0.0 KVA			0.0		Amps					

PANEL 2D5		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
EXISTING			20	1	1	A	2	20	1			EXISTING
EXISTING			20	1	3	B	4	20	1			EXISTING
EXISTING			20	1	5	C	6	20	1			EXISTING
EXISTING			20	1	7	A	8	20	1			EXISTING
EXISTING			20	1	9	B	10	20	1			EXISTING
EXISTING			20	1	11	C	12	20	1			EXISTING
EXISTING			20	1	13	A	14	20	1			EXISTING
EXISTING			20	1	15	B	16	20	1			EXISTING
EXISTING			20	1	17	C	18	20	1			EXISTING
EXISTING			20	1	19	A	20	20	1			EXISTING
EXISTING			20	1	21	B	22	20	1			EXISTING
EXISTING			20	1	23	C	24	20	1			EXISTING
EXISTING			20	1	25	A	26	20	1			
			20	1	27	B	28	20	1			
			20	1	29	C	30	20	1			
			20	1	31	A	32	20	1			
			20	1	33	B	34	20	1			
			20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
			20	2	39	B	40	20	1			
					41	C	42	20	1			
CONNECTED LOAD		0.0 KVA			0.0		Amps					FEED THRU LUGS

PANEL 2K1		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
REFRIGERATED DISPLAY PANS	K	816	20	1	1	A	2	20	2	K	1100	FOOD WARMER
DELI/SANDWICH REFR.	K	1440	20	1	3	B	4					
REFRIGERATED DISPLAY PANS	K	1176	20	1	5	C	6	20	3	K	3700	HOT FOOD UNIT
REFRIGERATED DISPLAY PANS	K	816	20	1	7	A	8					
REFRIGERATED DISPLAY PANS	K	1176	20	1	9	B	10					
SLICER	K	1176	20	1	11	C	12	20	3	K	1008	FOOD PROCESSOR
CONVENIENCE	K	1000	20	1	13	A	14					
CONVENIENCE	K	1000	20	1	15	B	16					
CONVENIENCE	K	1000	20	1	17	C	18	20	2	K	2517	CUBE ICE MACHINE
CONVENIENCE	K	1000	20	1	19	A	20					
CONVENIENCE	K	1000	20	1	21	B	22	20	3	K	1584	RACK OVEN
CONVENIENCE	K	1000	20	1	23	C	24					
CONVENIENCE	K	1000	20	1	25	A	26					
HOOD FIRE PROTECTION SYS	K	100	20	1	27	B	28	20	1	R	1080	KITCHEN SUPPORT
RACK OVEN	K	1920	20	1	29	C	30	20	1	E	1000	WASHER
OVEN PROOFING CABINET	K	100	20	1	31	A	32	20	1			
			20	1	33	B	34	30	2	E	5000	DRYER
			20	1	35	C	36					
			20	1	37	A	38	20	1			
			20	2	39	B	40	30	2			
					41	C	42					
CONNECTED LOAD		32.7 KVA			90.8		Amps					FEED THRU LUGS

PANEL 2K2		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
MILK COOLERS	K	552	20	1	1	A	2	20	1	K	1200	FEEZER LIGHTS
CASH SYSTEM	K	1000	20	1	3	B	4	20	1	K	1000	HEATERS
MILK COOLERS	K	552	20	1	5	C	6	20	1	K	1000	HEATERS
OVERHEAD GRILLS	M	1130	20	1	7	A	8	20	3	K	2124	COOLER CONDENSING UNIT
HOT TRANSPORT CARTS	K	2000	20	1	9	B	10					
HOT TRANSPORT CARTS	K	2000	20	1	11	C	12					
HOT TRANSPORT CARTS	K	2000	20	1	13	A	14	20	3	K	2124	COOLER CONDENSING UNIT
HOT TRANSPORT CARTS	K	2000	20	1	15	B	16					
MICROWAVE OVEN	K	1200	20	1	17	C	18					
WALK-IN FREEZER DEFROST	K	4365	20	2	19	A	20	20	3	K	3960	COOLER CONDENSING UNIT
					21	B	22					
KITCHEN	R	180	20	1	23	C	24					
KITCHEN	R	180	20	1	25	A	26	30	2	K	4365	WALK-IN FREEZER DEFROST
KITCHEN	R	180	20	1	27	B	28					
20 QUART MIXER	K	1920	20	1	29	C	30	20	1	R	900	OFFICE
30 QUART MIXER	K	1920	20	1	31	A	32	20	1	R	720	OFFICE
			20	1	33	B	34	20	1			
			20	2	35	C	36	20	1			
					37	A	38	20	1			
			30	2	39	B	40	20	1			
					41	C	42	20	1			
CONNECTED LOAD		38.6 KVA			107.1		Amps					

PANEL 2K3		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
CONVECTION OVEN	K	825	20	1	1	A	2	20	1	K	720	TILTING SKILLET
CONVECTION OVEN	K	825	20	1	3	B	4	20	1	K	825	CONVECTION OVEN
			30	2	5	C	6	20	1	K	825	CONVECTION OVEN
					7	A	8	20	1	K	35	CONVECTION STEAMER
FOOD WARMER	K	1100	20	2	9	B	10	20	2			
					11	C	12					
FOOD WARMER	K	1100	20	2	13	A	14	20	2	K	1500	PASS THRU HOT CABINET
					15	B	16					
FOOD WARMER	K	1100	20	2	17	C	18	20	1	K	864	PASS THRU COLD CABINET
					19	A	20	20	1	L	600	HOOD LIGHTS
FOOD WARMER	K	1100	20	2	21	B	22	20	2	K	3000	PASS THRU HOT CABINET
					23	C	24					
60-QUART MIXER	K	2810	20	3	25	A	26	20	1	E	1000	CAFETERIA VENDING MACHINE
					27	B	28	20	1	E	1000	CAFETERIA VENDING MACHINE
					29	C	30	20	1	R	360	CAFETERIA
WH-4A,WH-4B	M		20	1	31	A	32	20	1	R	360	KITCHEN
WH-4C,CP-7	M		20	1	33	B	34	20	1	R	180	KITCHEN
EF-5,KEF-3,ROOF RECP	M		20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
CAFETERIA SPECIAL OUTLET	R	8000	50	2	39	B	40	20	1			
					41	C	42	20	1			
CONNECTED LOAD		28.1 KVA			78.1		Amps					FEED THRU LUGS

PANEL 2L1		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
CLASSROOM 253	R	1080	20	1	1	A	2	20	1	R	720	MAIN IDF
AV STORAGE 254	R	900	20	1	3	B	4	20	1	R	720	MAIN IDF
CLASSROOM 256	R	1080	20	1	5	C	6	20	1	R	720	MAIN IDF
CLASSROOM 256	R	900	20	1	7	A	8	20	1	R	720	MAIN IDF
CLASSROOM 257	R	900	20	1	9	B	10	20	1	R	720	CLASSROOM 253
CLASSROOM 257	R	1080	20	1	11	C	12	20	1	R	720	CLASSROOM 253
WORKROOM 258	R	1080	20	1	13	A	14	20	1	R	720	CLASSROOM 253
WORKROOM 258	E	700	20	1	15	B	16	20	1	R	720	CLASSROOM 253
WORKROOM 258	R	360	20	1	17	C	18	20	1	R	900	CLASSROOM 253
LIBRARY/MEDIA	R	1260	20	1	19	A	20	20	1	R	720	CLASSROOM 253
LIBRARY/MEDIA	R	1080	20	1	21	B	22	20	1	R	720	CLASSROOM 253
OFFICE 259	R	900	20	1	23	C	24	20	1	R	720	CLASSROOM 253
			20	1	25	A	26	20	1	R	540	CLASSROOM 253
			20	1	27	B	28	20	1	R	720	CLASSROOM 253
			20	1	29	C	30	20	1			
			20	1	31	A	32	20	1			
			20	1	33	B	34	20	1			
			20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
			20	1	39	B	40	20	2			
			20	1	41	C	42					
CONNECTED LOAD		21.4 KVA			59.4		Amps					FEED THRU LUGS

PANEL 2L2		120 208		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
STUDY CAROLS	R	720	20	1	1	A	2	20	1	R	900	CLASSROOM 242
STUDY CAROLS	R	720	20	1	3	B	4	20	1	R	720	CLASSROOM 242
			20	1	5	C	6	20	1	R	720	CLASSROOM 242
			20	1	7	A	8	20	1	R	720	CLASSROOM 242
CLASSROOMS	R	1080	20	1	9	B	10	20	1	R	720	CLASSROOM 242
CLASSROOMS	R	1080	20	1	11	C	12	20	1	R	720	CLASSROOM 242
CLASSROOMS	R	1080	20	1	13	A	14	20	1	R	720	CLASSROOM 242
CLASSROOMS	R	908	20	1	15	B	16	20	1	R	720	CLASSROOM 242
CLASSROOMS	R	1080	20	1	17	C	18	20	1	R	1080	CLASSROOM 242
LIBRARY	R	720	20	1	19	A	20	20	1	R	720	LIBRARY
LIBRARY	R	1080	20	1	21	B	22	20	1	R	900	LIBRARY
LIBRARY	E	1200	20	1	23	C	24	20	1	R	180	ROOF RECEPTACLE
LIBRARY	R	540	20	1	25	A	26	20	1			
LIBRARY	R	360	20	1	27	B	28	20	1			
			20	1	29	C	30	20	1			
			20	1	31	A	32	20	1			
			20	1	33	B	34	20	1			
			20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
			20	1	39	B	40	20	1			
			20	1	41	C	42	20	1			
CONNECTED LOAD		19.4 KVA			53.8		Amps					

PANEL 4A		277 480		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
LIGHTING	L	2852	20	1	1	A	2	20	1	L	1736	LIGHTING
LIGHTING	L	3337	20	1	3	B	4	20	1	L	2356	LIGHTING
LIGHTING	L	2356	20	1	5	C	6	20	1	L	3290	LIGHTING
LIGHTING	L	2342	20	1	7	A	8	20	1	L	1260	LIGHTING
LIGHTING	L	2108	20	1	9	B	10	20	3	M	2825	FC-2
LIGHTING	L	3404	20	1	11	C	12					
LIGHTING	L	3286	20	1	13	A	14					
LIGHTING	L	1767	20	1	15	B	16	20	3		2161	FC-1
LIGHTING	L	1000	20	1	17	C	18					
			20	1	19	A	20					
			20	1	21	B	22	20	1			
			20	1	23	C	24	20	1			
			20	1	25	A	26	20	1			
			20	1	27	B	28	20	1			
			20	1	29	C	30	20	1			
			20	1	31	A	32	20	1			
			20	1	33	B	34	20	1			
			20	1	35	C	36	20	1			
			20	1	37	A	38	20	1			
			20	1	39	B	40	20	1			
			20	1	41	C	42	20	1			
CONNECTED LOAD		36.1 KVA			43.4		Amps					
NEC DEMAND LOAD		33.9 KVA			40.8		Amps					

PANEL 4C		277 480		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
LBCC LIGHTING	L	2170	20	1	1	A	2	20	3	M	1496	AC-2
LBCC LIGHTING	L	1674	20	1	3	B	4					
LBCC LIGHTING	L	1381	20	1	5	C	6					
			20	1	7	A	8	20	3	M	2825	AC-3
			20	1	9	B	10					
				1	11	C	12					
				1	13	A	14	20	3	M	1496	AC-4
				1	15	B	16					
				1	17	C	18					
				1	19	A	20	30	3	M	2825	AC-5
				1	21	B	22					
				1	23	C	24					
				1	25	A	26	20	3	M	600	AC-6
				1	27	B	28					
				1	29	C	30					
			30	3	31	A	32	30	3			
					33	B	34					
					35	C	36					
			20	3	37	A	38	30	3			
					39	B	40					
					41	C	42					
CONNECTED LOAD		14.7 KVA			17.6		Amps					

PANEL 4K1		277 480		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
60 QUART MIXER	K	2825	20	3	1	A	2	30	3	K	19600	40-GALLON KETTLE
					3	B	4					
					5	C	6					
DISPOSER	K	4000	20	3	7	A	8					SHUNT TRIP
					9	B	10	20	2			
					11	C	12					
WAREWASHER	K	18990	30	3	13	A	14	20	1	L	2000	EXTERIOR LIGHTING
					15	B	16	20	3	M	6481	MAU-1, KEF-1, KEF-2
					17	C	18					
BOOSTER HEATER	K	27000	50	3	19	A	20					
					21	B	22	20	3	M	1496	HVU-8
					23	C	24					
LIGHTING	L	3348	20	1	25	A	26					
LIGHTING	L	2232	20	1	27	B	28	20	3	K	8802	ROLL-IN PROOFING CABINET
LIGHTING	L	2232	20	1	29	C	30					
LIGHTING	L	2633	20	1	31	A	32					
LIGHTING	L	2883	20	1	33	B	34	20	1			
			20	1	35	C	36	20	1			
			40	3	37	A	38	30	3	K	2825	DISPOSER
					39	B	40					
					41	C	42					
CONNECTED LOAD		107.3 KVA			129.1		Amps					

PANEL 4M		277 480		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
AC-1	M	9972	20	3	1	A	2	40	3	M	15456	AHU-1
					3	B	4					
					5	C	6					
FC-5	M	2161	20	3	7	A	8	50	3	M	20775	AHU-2
					9	B	10					
					11	C	12					
			20	3	13	A	14	30	3			
					15	B	16					
					17	C	18					
			20	3	19	A	20	30	3			
					21	B	22					
					23	C	24					
					25	A	26	40	3			
					27	B	28					
					29	C	30					
					31	A	32	20	1			
					33	B	34	20	1			
					35	C	36	20	1			
					37	A	38	20	1			
					39	B	40	20	1			
					41	C	42	20	1			
CONNECTED LOAD		48.4 KVA			58.2		Amps					

PANEL 4M1		277 480		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
P-2	M	6055	20	3	1	A	2	20	3	M	1434	FC-7
					3	B	4					
					5	C	6					
P-3	M	6055	50	3	7	A	8	20	3	M	797	FC-8
					9	B	10					
					11	C	12					
P-4	M	16723	50	3	13	A	14	20	3			
					15	B	16					
					17	C	18					
P-5	M	16723	20	3	19	A	20	20	3			
					21	B	22					
					23	C	24					
BOILER B-2	M	3825	20	3	25	A	26	20	3			
					27	B	28					
					29	C	30					
SHUNT-TRIP					31	A	32	30	3			
			20	1	33	B	34					
SHUNT TRIP					35	C	36					
BOILER B-3	M	3825	20	3	37	A	38	30	3			
					39	B	40					
					41	C	42					
CONNECTED LOAD		55.4 KVA			66.7		Amps					

PANEL 4M2		277 480		3	PH	4	W	225 A BUS				
DESCRIPTION		LOAD	BKR	P				BKR	P		LOAD	DESCRIPTION
FLC-1	M	14820	50	3	1	A	2	20	3	M	797	HP-1
					3	B	4					
					5	C	6					
			20	3	7	A	8	20	3	M	797	HP-2
					9	B	10					
					11	C	12					
			20	3	13	A	14	20	3	M	797	HP-3
					15	B	16					
					17	C	18					
			20	3	19	A	20	20	3	M	797	HP-4
					21	B	22					
					23	C	24					
			20	3	25	A	26	20	3	M	8765	P-6
					27	B	28					
					29	C	30					
			20	3	31	A	32	30	3			
					33	B	34					
					35	C	36					
			20	3	37	A	38	30	3			
					39	B	40					
					41	C	42					
CONNECTED LOAD		26.8 KVA			32.2		Amps					FEED THRU LUGS

2A1	2K2	4K1
2A2	2K3	4M
2C1	2L1	4M1
2C2	2L2	4M2
2D5	4A	
2K1	4C	

H:\Sweet Home SD-High School Additions & Renovations - 1054\CAD Phase 3\E92.dwg, tab=E92, plotted Saturday, 05 April 2003 - 4:05pm by MYRONW.
Xrefs: ECTBLK ostmplun ectnts

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REGISTERED PROFESSIONAL ENGINEER
OREGON
EXPIRES: 12-31-03

CONSULTANTS

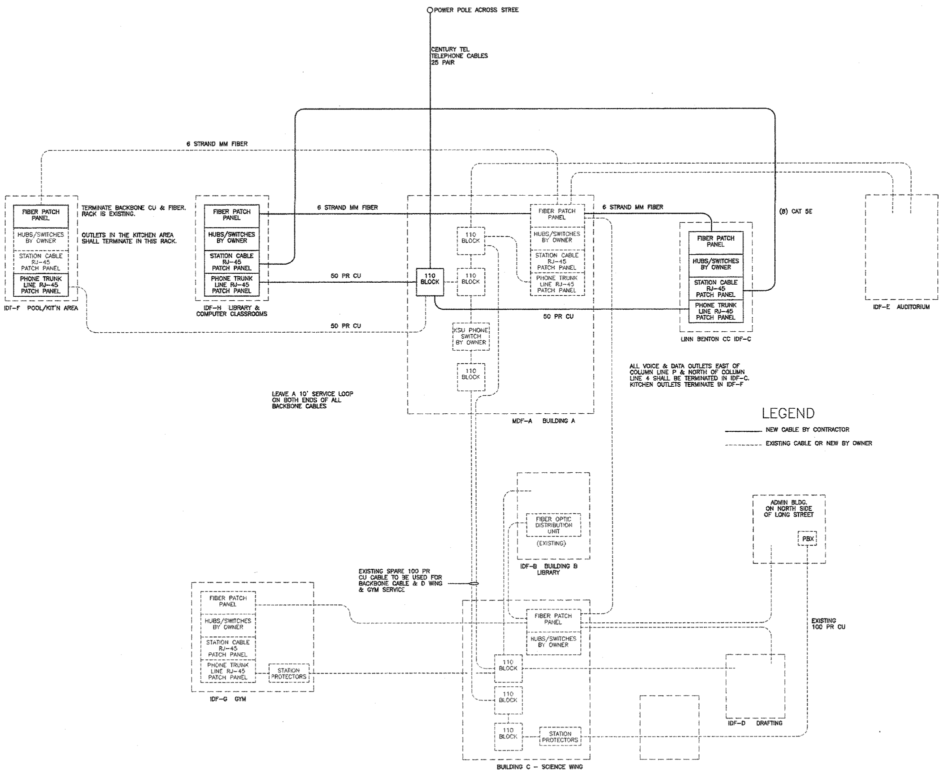
JAMES D. GRAHAM & ASSOC. INC.
CONSULTING ENGINEERS
[illegible]

SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

PANELBOARD SCHEDULES

PROJECT NUMBER 01023
DATE 04-04-03

E9.2


POWER POLE ACROSS STREE
CENTURY TEL TELEPHONE CABLES 25 PAIR
6 STRAND MM FIBER
6 STRAND MM FIBER
6 STRAND MM FIBER
(8) CAT 5E
50 PR CU
50 PR CU
50 PR CU
FIBER PATCH PANEL
HUBS/SWITCHES BY OWNER
STATION CABLE RJ-45 PATCH PANEL
PHONE TRUNK LINE RJ-45 PATCH PANEL
IDF-F POOL/KIT'N AREA
IDF-H LIBRARY & COMPUTER CLASSROOMS
110 BLOCK
KSU PHONE SWITCH BY OWNER
MDF-A BUILDING A
LINN BENTON CC IDF-C
IDF-E AUDITORIUM
FIBER OPTIC DISTRIBUTION UNIT
(EXISTING)
IDF-B BUILDING B LIBRARY
ADMIN BLDG. ON NORTH SIDE OF LONG STREET
PBX
EXISTING 100 PR CU
STATION PROTECTORS
IDF-G GYM
BUILDING C – SCIENCE WING
IDF-D DRAFTING
EXISTING SPARE 100 PR CU CABLE TO BE USED FOR BACKBONE CABLE & D WING & GYM SERVICE

TERMINATE BACKBONE CU & FIBER. RACK IS EXISTING.

OUTLETS IN THE KITCHEN AREA SHALL TERMINATE IN THIS RACK.

LEAVE A 10' SERVICE LOOP ON BOTH ENDS OF ALL BACKBONE CABLES

ALL VOICE & DATA OUTLETS EAST OF COLUMN LINE P & NORTH OF COLUMN LINE 4 SHALL BE TERMINATED IN IDF-C. KITCHEN OUTLETS TERMINATE IN IDF-F

LEGEND

——— NEW CABLE BY CONTRACTOR

- - - - - EXISTING CABLE OR NEW BY OWNER

SWEET HOME HS STRUCTURED WIRING

2-4-03

H:\Sweet Home SD-High School Additions & Renovations – 1054\CAD Phase 3\E93 – telecom riser.dwg, tab=E92 – TELECOM RISER, plotted Saturday, 05 April 2003 – 5:46pm by MYRONW.
Xrefs: ECTBLK ecinfo ostmplun

NORTH

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17812 PE
MEE LUN CHAU
JULY 25, 1995
EXPIRES: 12-31-03

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PROJECT NO: 1054.00

SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

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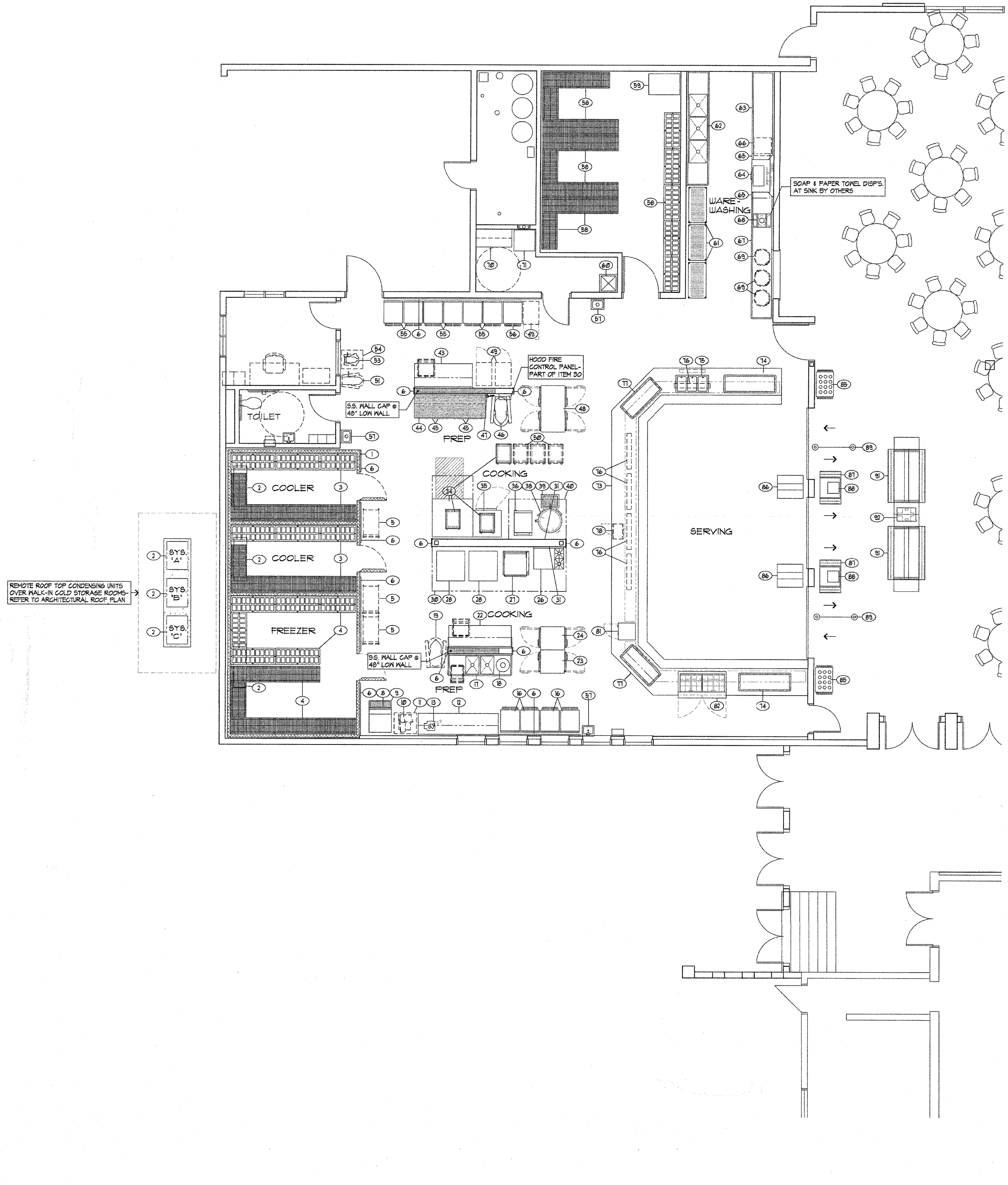
STRUCTURED WIRING

PROJECT NUMBER	DATE
01023	04-04-03

E9.3


REMOTE ROOF TOP CONDENSING UNITS OVER WALK-IN COLD STORAGE ROOMS- REFER TO ARCHITECTURAL ROOF PLAN
SYS. 'A'
SYS. 'B'
SYS. 'C'
COOLER
COOLER
FREEZER
TOILET
S.S. WALL CAP @ 48" LOW WALL
HOOD FIRE CONTROL PANEL- PART OF ITEM 30
PREP
COOKING
COOKING
S.S. WALL CAP @ 48" LOW WALL
PREP
WARE-WASHING
SOAP & PAPER TOWEL DISP'S. AT SINK BY OTHERS
SERVING

EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	QUAN.	REMARKS:
1	WALK-IN COLD STORAGE ROOMS	3	
2	REFRIGERATION SYSTEMS	3	
3	COOLER SHELVING	LOT	
4	FREEZER SHELVING	LOT	
5	UTILITY CARTS	LOT	OWNER FURNISHED/OWNER INSTALLED
6	CORNER/CHANNEL/WALL GUARDS & CAPS	LOT	
7	SPARE NUMBER	---	
8	CUBE ICE MACHINE	1	
9	FLOOR TROUGH	1	
10	SLICER	1	OWNER FURNISHED/OWNER INSTALLED
11	SLICER STAND	1	OWNER FURNISHED/OWNER INSTALLED
12	WORK TABLE	1	
13	FOOD PROCESSOR	1	
14	SPARE NUMBER	---	
15	SPARE NUMBER	---	
16	HALF SIZE COLD TRANSPORT CARTS	4	
17	VEGETABLE PREP SINK TABLE	1	
18	DISPOSER	1	
19	60-QUART MIXER	1	OWNER FURNISHED/CONTR. INSTALLED
20	SPARE NUMBER	---	
21	SPARE NUMBER	---	
22	WORK TABLE	1	
23	PASS-THRU HOT CABINET	1	
24	PASS-THRU COLD CABINET	1	
25	SPARE NUMBER	---	
26	(2) OPEN BURNER/WORK TOP CABINET	1	
27	TILTING SKILLET	1	
28	DOUBLE STACK CONVECTION OVENS	2	
29	SPARE NUMBER	---	
30	CANOPY HOOD WITH FIRE PROTECTION SYSTEM	1	
31	STAINLESS STEEL WALL FLASHING	LOT	
32	SPARE NUMBER	---	
33	SPARE NUMBER	---	
34	RACK OVEN	1	
35	ROLL-IN PROOFING CABINET	1	
36	CONVECTION STEAMER	1	SEE NOTE #1 BELOW
37	SPARE NUMBER	---	
38	40-GALLON KETTLE	1	
39	FLOOR TROUGH	1	
40	CANOPY HOOD (TYPE II VAPOR)	1	
41	SPARE NUMBER	---	
42	SPARE NUMBER	---	
43	WORK TABLE	1	
44	WORK TABLE	1	
45	INGREDIENT BINS	4	
46	60-QUART MIXER	1	
47	FILL FAUCET	1	
48	PASS-THRU HOT CABINET	1	
49	COLD TRANSPORT CARTS	LOT	OWNER FURNISHED/OWNER INSTALLED
50	BAKER'S RACKS	LOT	OWNER FURNISHED/OWNER INSTALLED
51	30-QUART MIXER	1	OWNER FURNISHED/CONTR. INSTALLED
52	SPARE NUMBER	---	
53	20-QUART MIXER	1	OWNER FURNISHED/OWNER INSTALLED
54	MIXER STAND	1	OWNER FURNISHED/OWNER INSTALLED
55	HALF SIZE HOT TRANSPORT CARTS	6	
56	FULL SIZE HOT TRANSPORT CART	1	
57	HAND WASHING SINKS	3	BY DIVISION 15
58	DRY STORAGE SHELVING	LOT	
59	CAN STORAGE RACK	1	
60	JANITOR SINK	1	BY DIVISION 15
61	POT AND PAN SHELVING	3	
62	POT WASHING SINK TABLE	1	
63	CLEAN DISHTABLE	1	
64	WAREWASHER	1	
65	VAPOR EXHAUST DUCTS	2	
66	BOOSTER HEATER	1	
67	SOILED DISHTABLE	1	
68	DISPOSER	1	
69	MOBILE WASTE RECEPTACLES	LOT	OWNER FURNISHED/OWNER INSTALLED
70	FOLDING TABLE	1	
71	STACKED WASHER & DRYER	1	OWNER FURNISHED/OWNER INSTALLED
72	SPARE NUMBER	---	
73	SERVING COUNTER	1	
74	REFRIGERATED DISPLAY PANS	2	
75	HOT FOOD UNIT	1	
76	FOOD WARMERS	5	
77	REFRIGERATED DISPLAY PANS	2	
78	MICROWAVE OVEN	1	OWNER FURNISHED/OWNER INSTALLED
79	SPARE NUMBER	---	
80	SPARE NUMBER	---	
81	PIZZA DISPLAY CASE	1	SEE NOTE #2 BELOW
82	DELI / SANDWICH REFRIGERATOR	1	
83	SPARE NUMBER	---	
84	SPARE NUMBER	---	
85	TRAY CARTS	2	
86	MILK COOLERS	2	
87	MOBILE CASHIER COUNTERS	2	
88	CASH SYSTEM	LOT	OWNER FURNISHED/OWNER INSTALLED
89	PORTABLE TRAFFIC CONTROL SYSTEM	LOT	
90	SPARE NUMBER	---	
91	SALAD BARS	2	
92	INSULATED RESTOCKING CABINET	1	

NOTE #1 - ITEM 36 IS TO BE PURCHASED IMMEDIATELY AND INSTALLED TEMPORARILY AT THE FOSTER SCHOOL SITE, THEN REINSTALLED IN THE NEW KITCHEN WHEN ONLINE.

NOTE #2 - ITEM 81 IS TO BE PURCHASED IMMEDIATELY AND INSTALLED TEMPORARILY AT THE EXISTING HIGH SCHOOL, THEN REINSTALLED IN THE NEW KITCHEN WHEN ONLINE.

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SPACE PLANNING • DESIGN

SWEET HOME SCHOOL DISTRICT 55
BOND 2001
HIGH SCHOOL RECONSTRUCTION

△ REVISED

FOOD SERVICE
EQUIPMENT PLAN

PROJECT NUMBER	DATE
01023	04-04-03

FS1.1