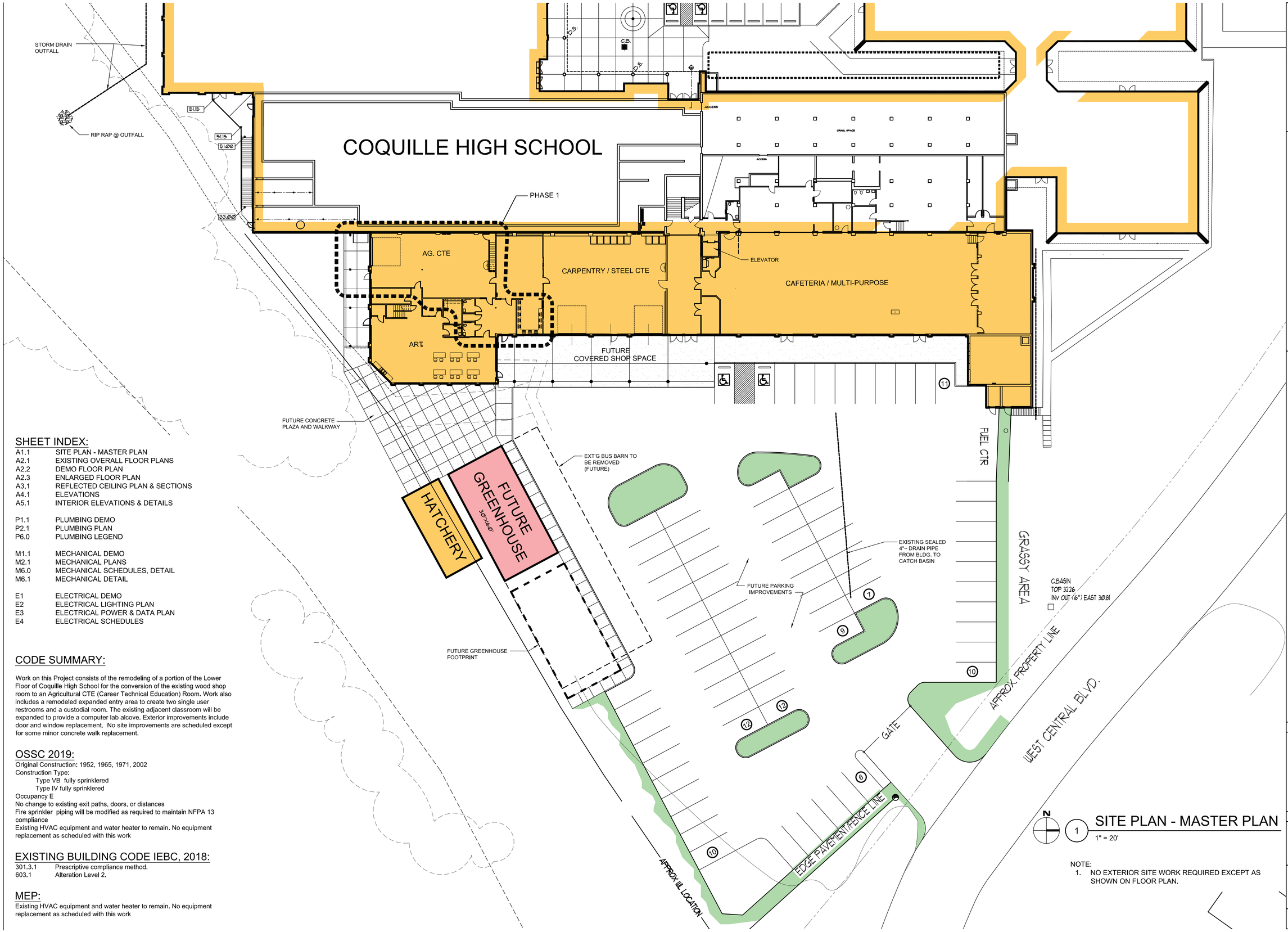

SHEET INDEX:

CODE SUMMARY:

Work on this Project consists of the remodeling of a portion of the Lower Floor of Coquille High School for the conversion of the existing wood shop room to an Agricultural CTE (Career Technical Education) Room. Work also includes a remodeled expanded entry area to create two single user restrooms and a custodial room. The existing adjacent classroom will be expanded to provide a computer lab alcove. Exterior improvements include door and window replacement. No site improvements are scheduled except for some minor concrete walk replacement.

OSSC 2019:

Original Construction: 1952, 1965, 1971, 2002
Construction Type:
- Type VB fully sprinklered
- Type IV fully sprinklered

Occupancy E
No change to existing exit paths, doors, or distances
Fire sprinkler piping will be modified as required to maintain NFPA 13 compliance
Existing HVAC equipment and water heater to remain. No equipment replacement as scheduled with this work

EXISTING BUILDING CODE IEBC, 2018:

301.3.1 Prescriptive compliance method.
603.1 Alteration Level 2.

MEP:

Existing HVAC equipment and water heater to remain. No equipment replacement as scheduled with this work

1 SITE PLAN - MASTER PLAN

1" = 20'

NOTE:
1. NO EXTERIOR SITE WORK REQUIRED EXCEPT AS SHOWN ON FLOOR PLAN.

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JOSEPH A. SLACK
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STATE OF OREGON

PROJECT NO.: 21.03

HIGH SCHOOL CTE / SHOP RENOVATION

COQUILLE SCHOOL DISTRICT
COQUILLE, OREGON

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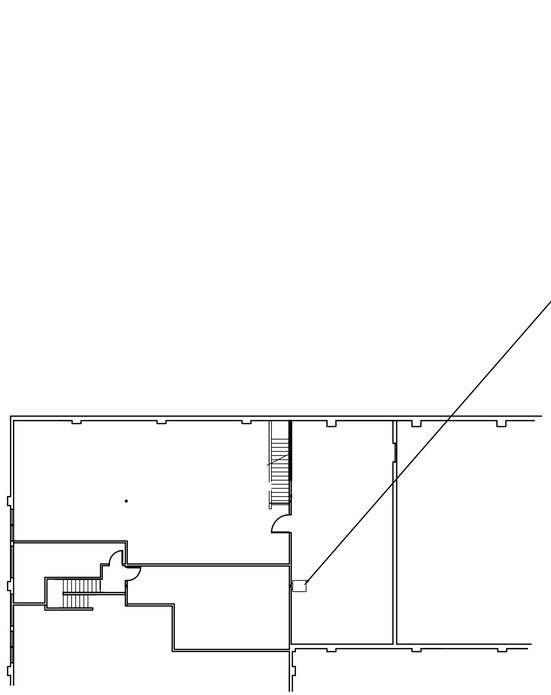
SITE PLAN - MASTER PLAN

A1.1

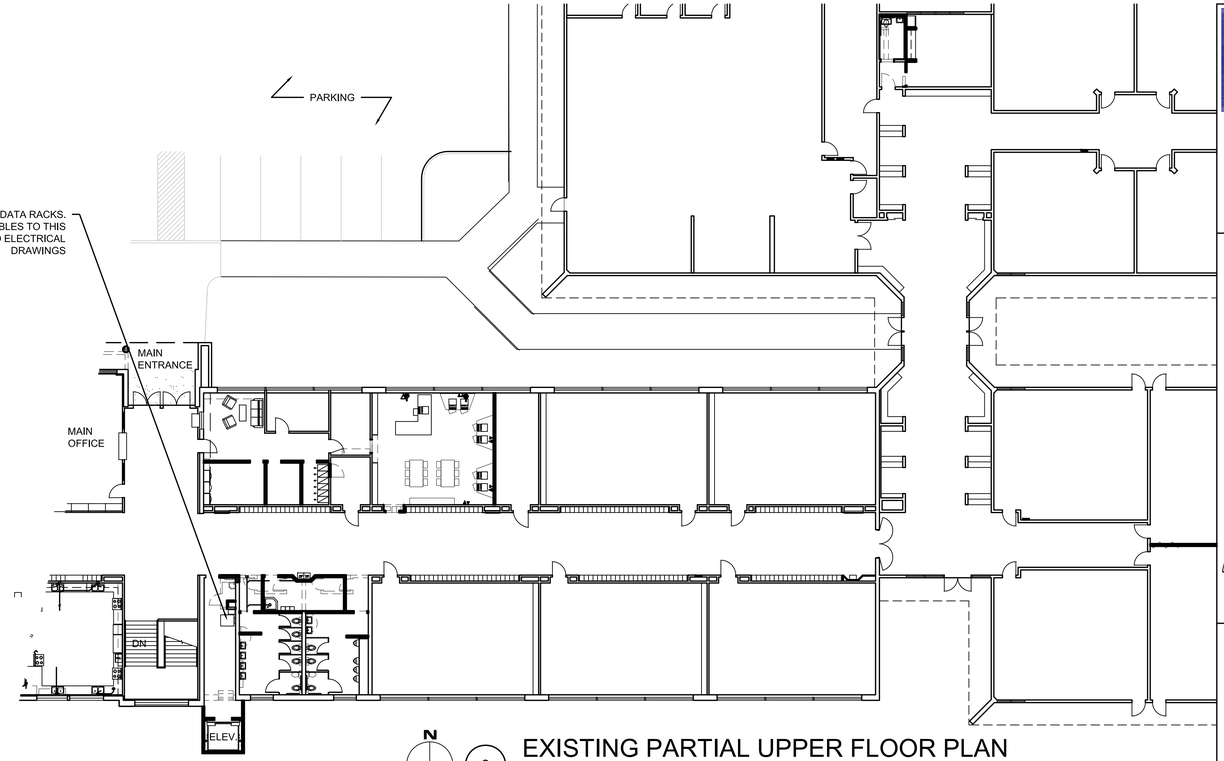


(E) EXISTING DATA RACKS. EXTEND DATA CABLES TO THIS ROOM, REFER TO ELECTRICAL DRAWINGS

N

2 LOWER FLR MECHANICAL MEZZANINE FLOOR

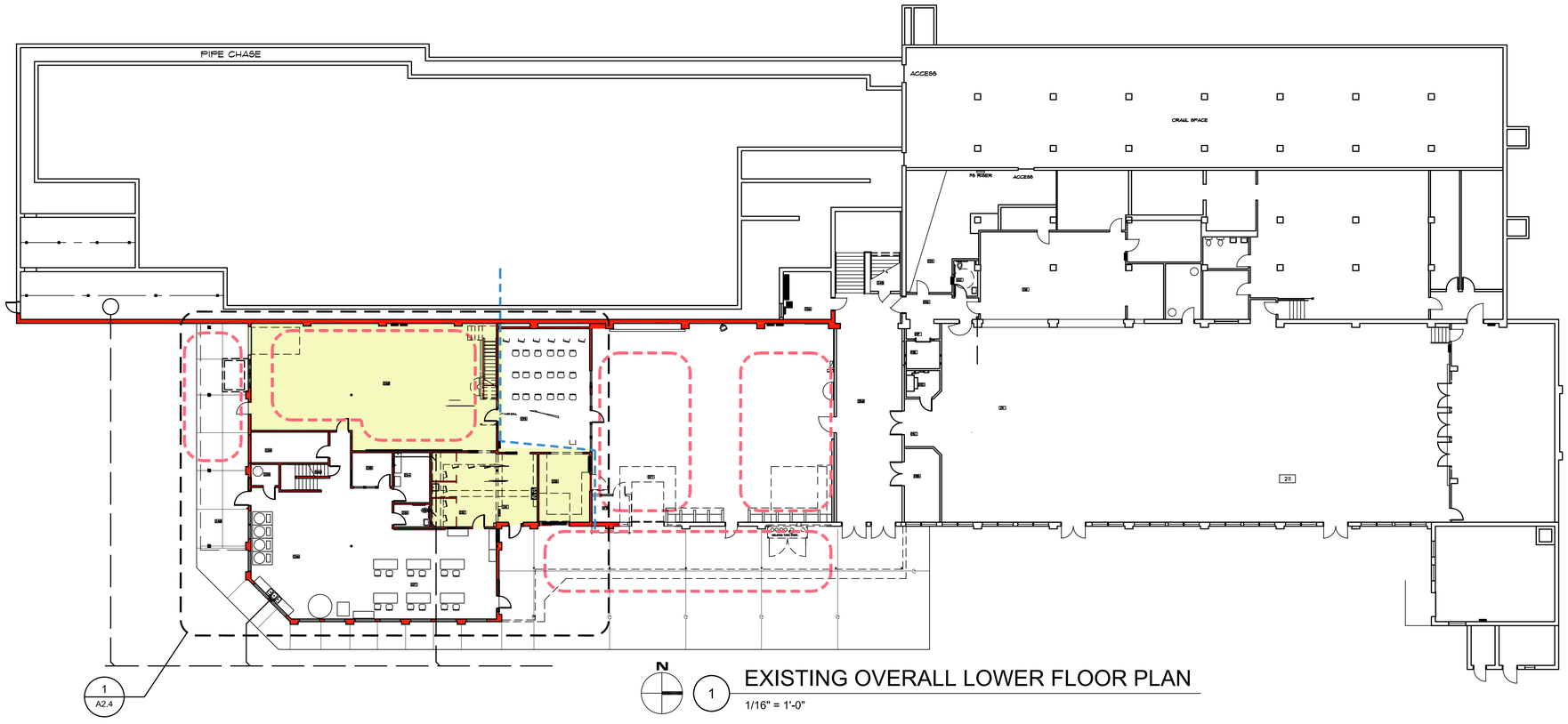
1/16" = 1'-0"



N

3 EXISTING PARTIAL UPPER FLOOR PLAN

1/16" = 1'-0"



N

1 EXISTING OVERALL LOWER FLOOR PLAN

1/16" = 1'-0"

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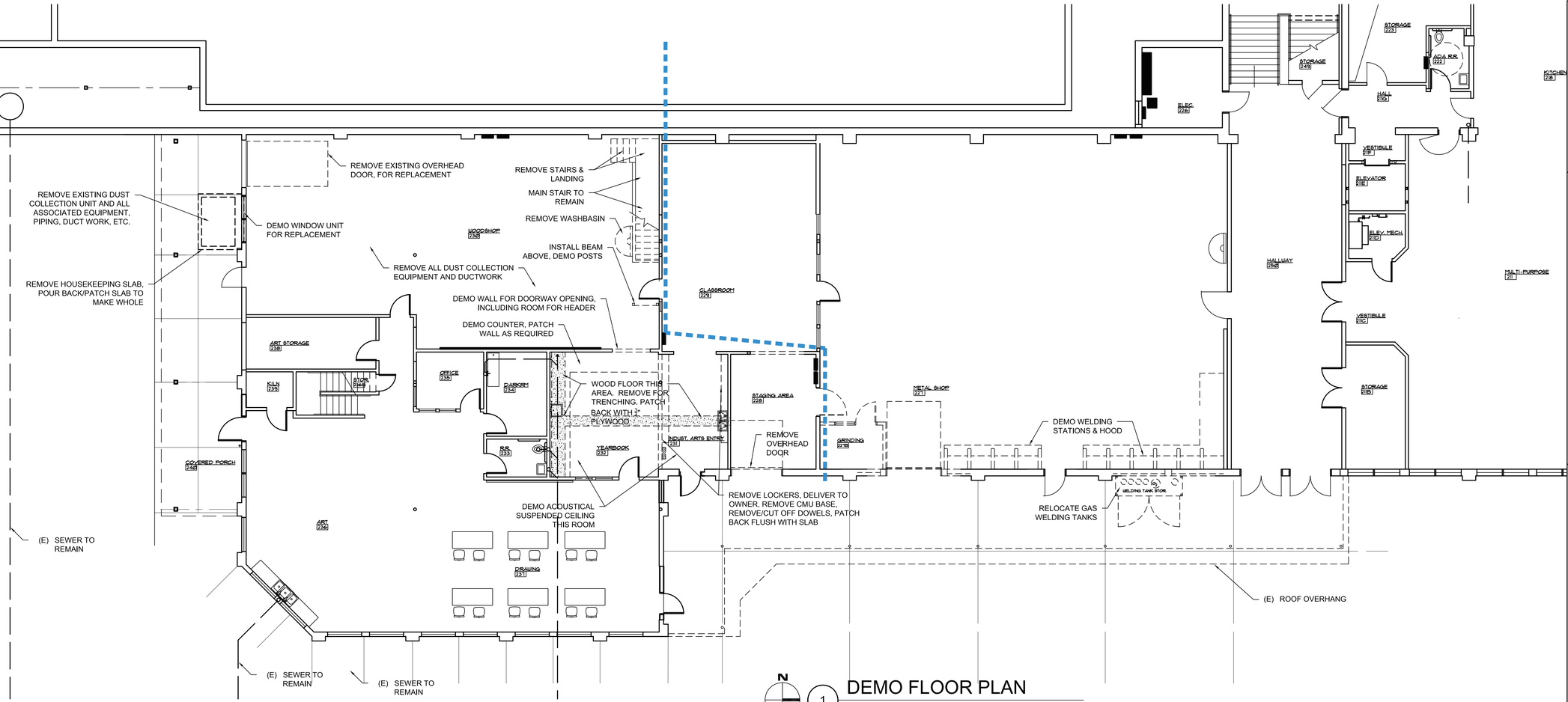
OVERALL LOWER FLOOR PLAN

A2.1



N

1 DEMO FLOOR PLAN

1/8" = 1'-0"

GENERAL DEMO NOTES:

1. REMOVE WALL FINISHES AND PATCH AS NEEDED & REQUIRED FOR ELECTRICAL WORK. REFER TO ELECTRICAL DRAWINGS.

2. REMOVE INTERIOR FENCING, REMOVE POST BELOW SLAB, PATCH HOLES.

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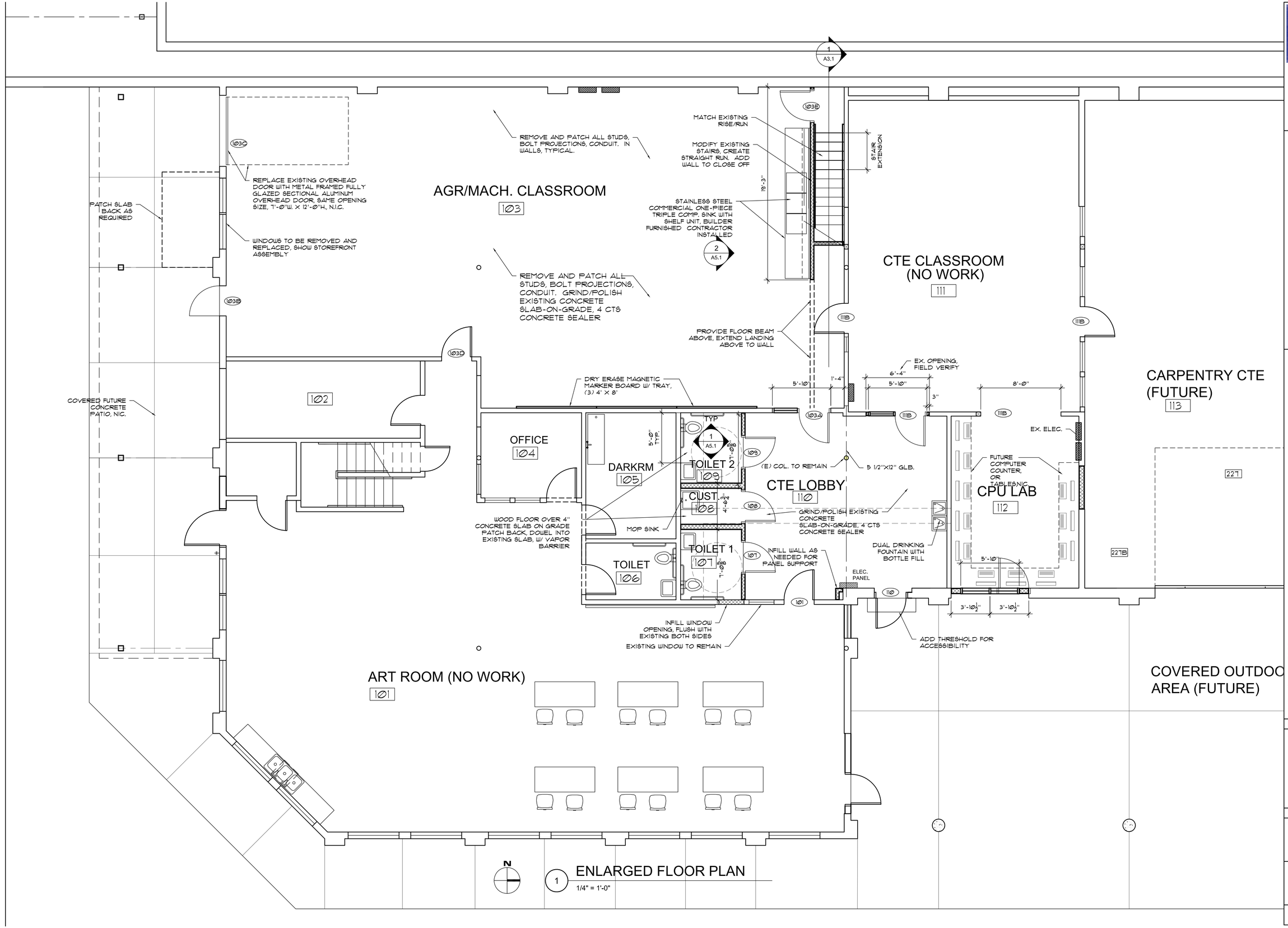
DEMO FLOOR PLAN

A2.2



1 ENLARGED FLOOR PLAN

1/4" = 1'-0"

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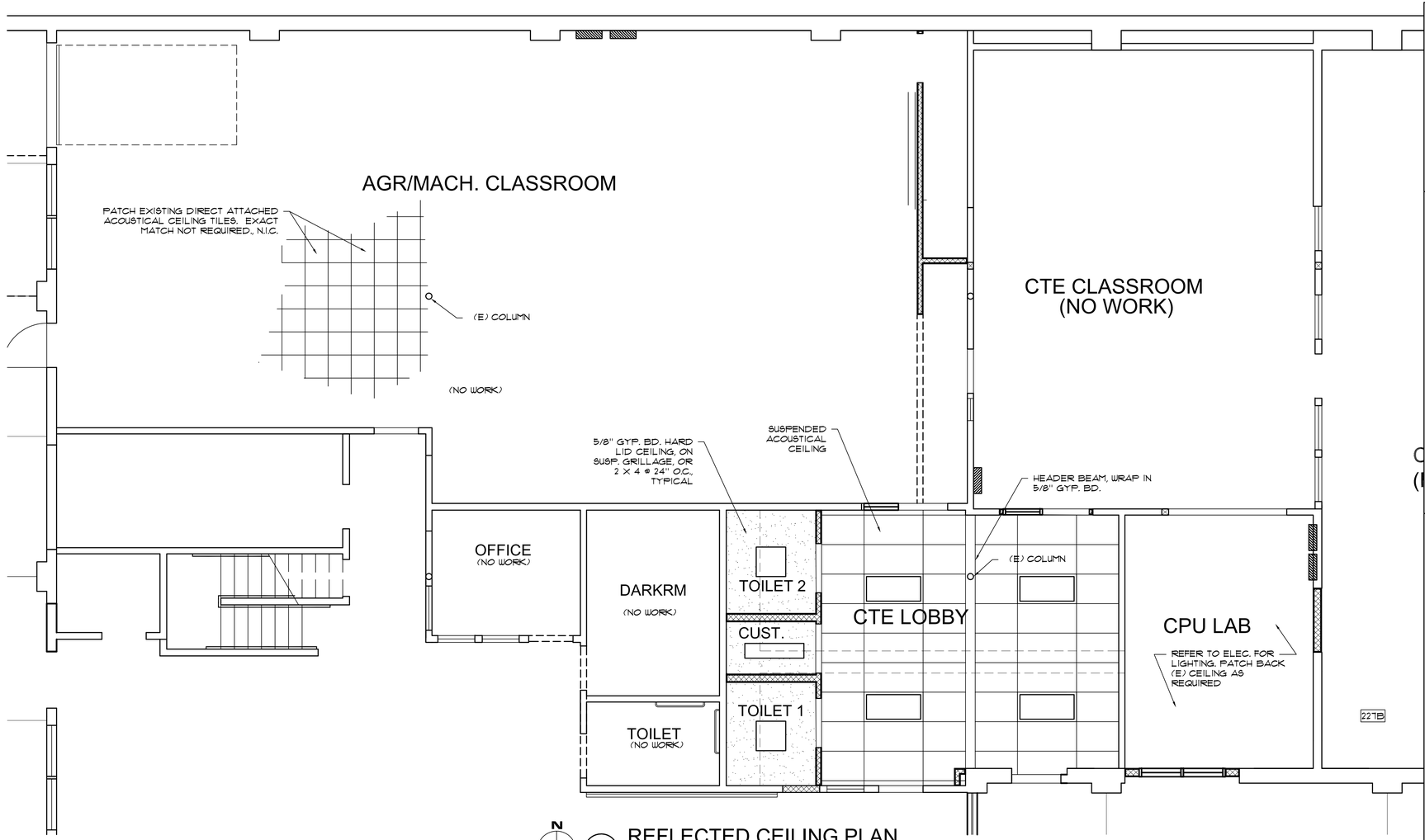
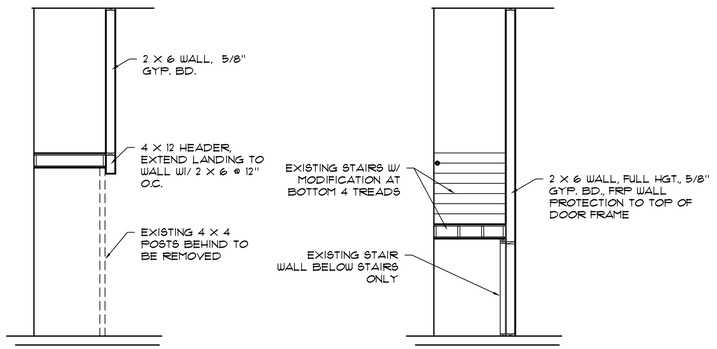
ENLARGED FLOOR PLAN

A2.3

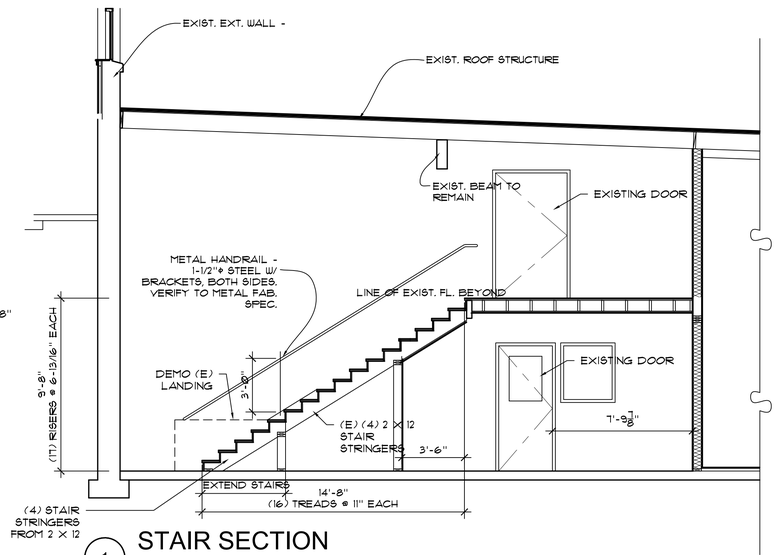


4 REFLECTED CEILING PLAN
1/4" = 1'-0"



3 SECTION @ LANDING
1/4" = 1'-0"

2 STAIR SECTION
1/4" = 1'-0"



1 STAIR SECTION
1/4" = 1'-0"

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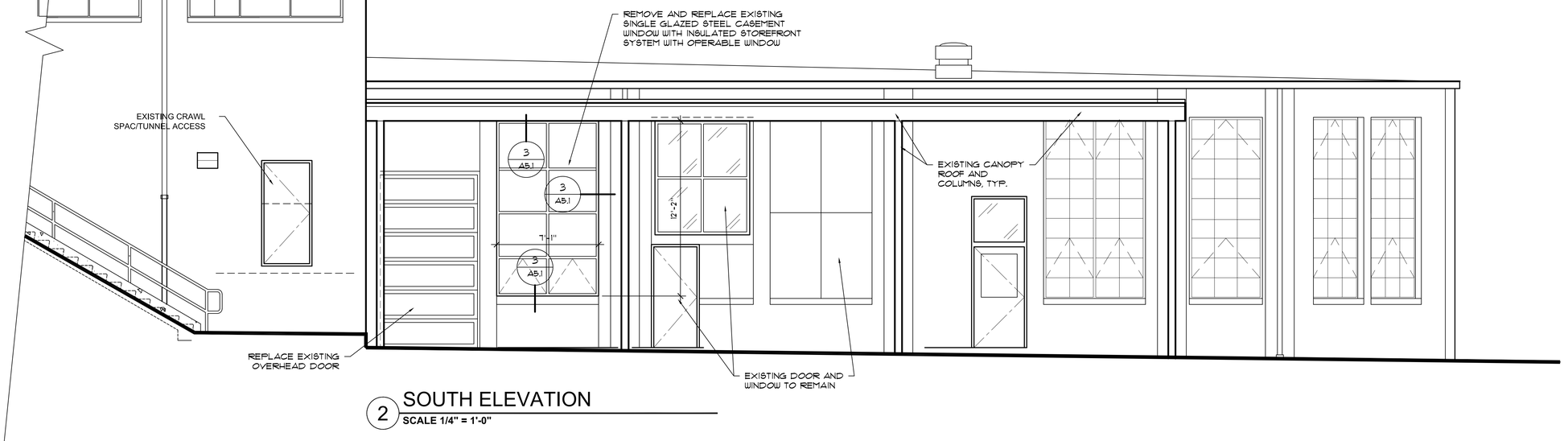
REFLECTED CEILING PLAN & SECTIONS

A3.1

1 PARTIAL EAST ELEVATION

SCALE 1/4" = 1'-0"



2 SOUTH ELEVATION

SCALE 1/4" = 1'-0"

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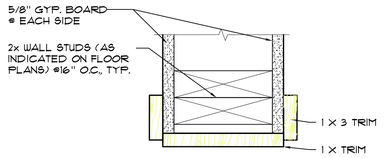
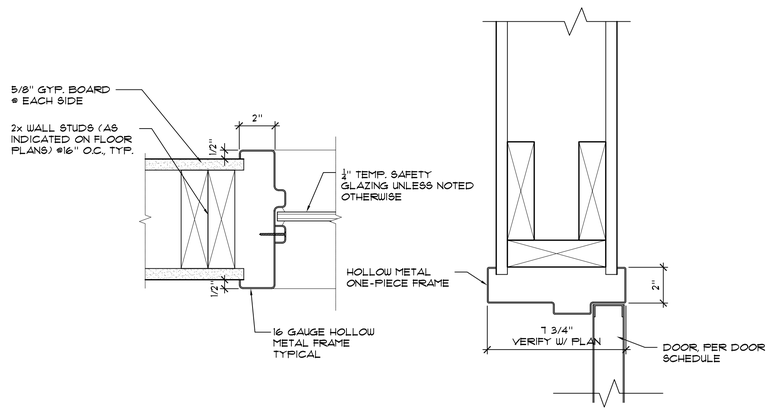
ELEVATIONS

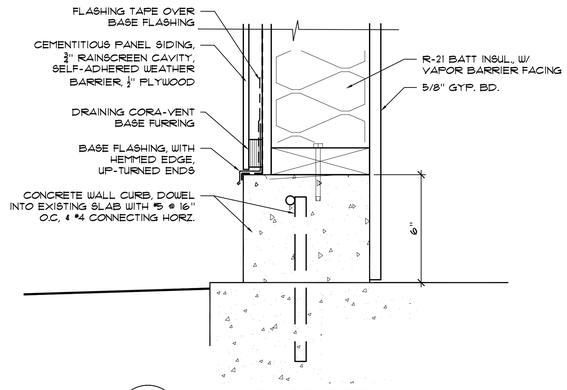
A4.1



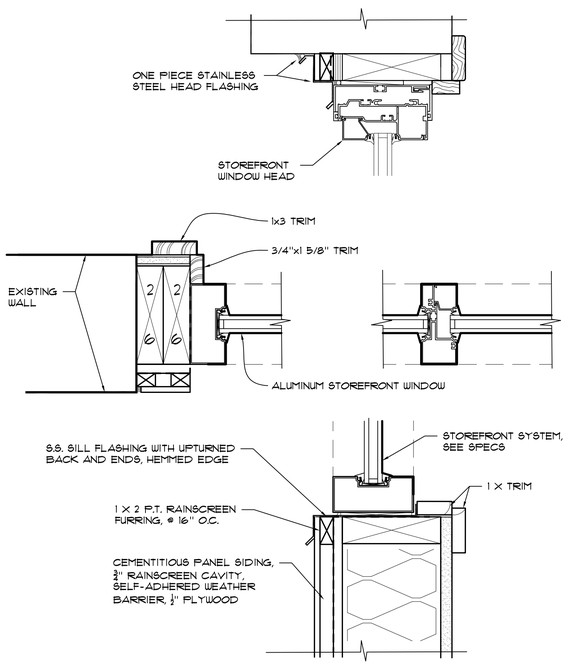
6 CASED OPENING
SCALE 3" = 1'-0"



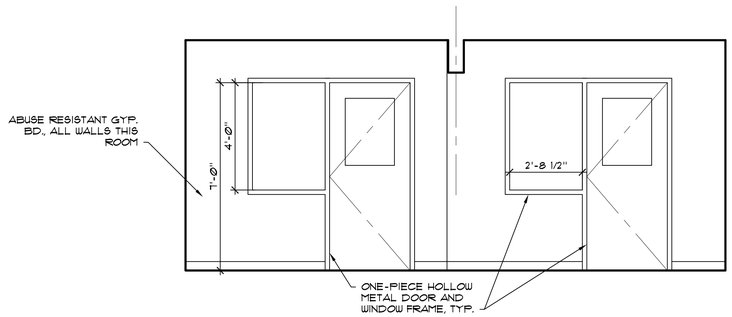
5 HOLLOW METAL DOOR/WINDOW DETAILS
SCALE 3" = 1'-0"



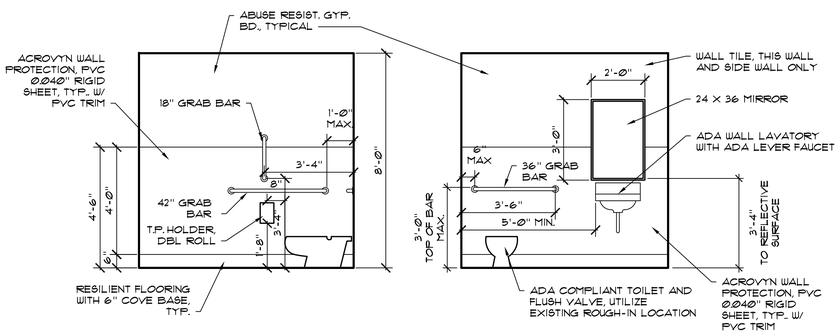
4 WALL BASE DETAIL
SCALE 3" = 1'-0"



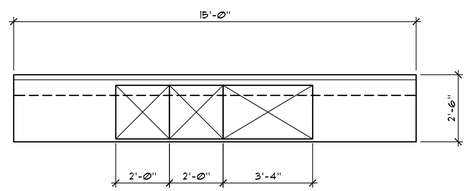
3 STOREFRONT WINDOW DETAILS
SCALE 3" = 1'-0"



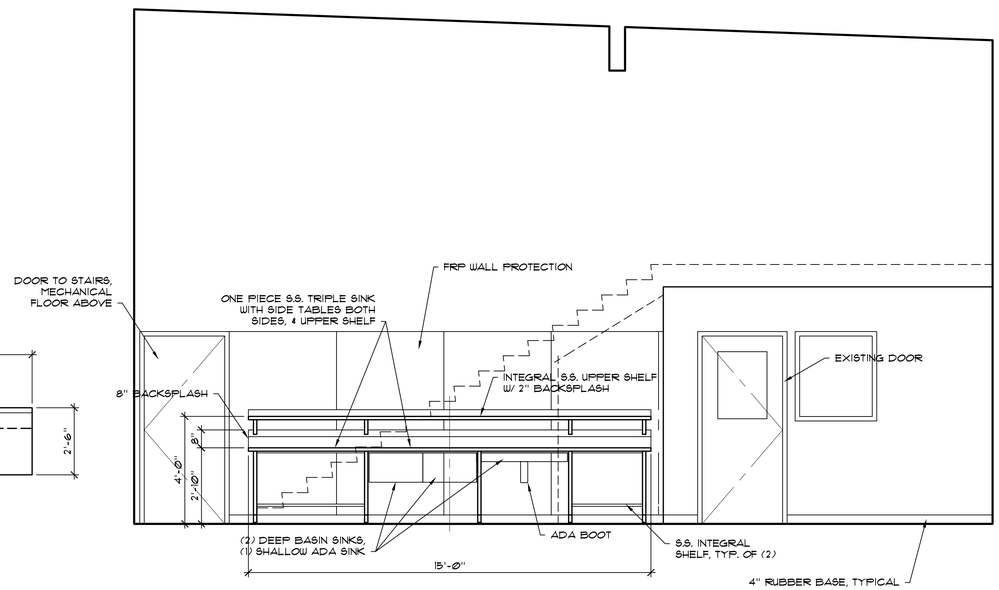
1A CTE LOBBY
SCALE 1/2" = 1'-0"



1 TOILET ROOM ELEVATIONS
SCALE 3/8" = 1'-0"



SINK PLAN
SCALE 3/8" = 1'-0"



2 NORTH WALL - CTE CLASSROOM
SCALE 3/8" = 1'-0"

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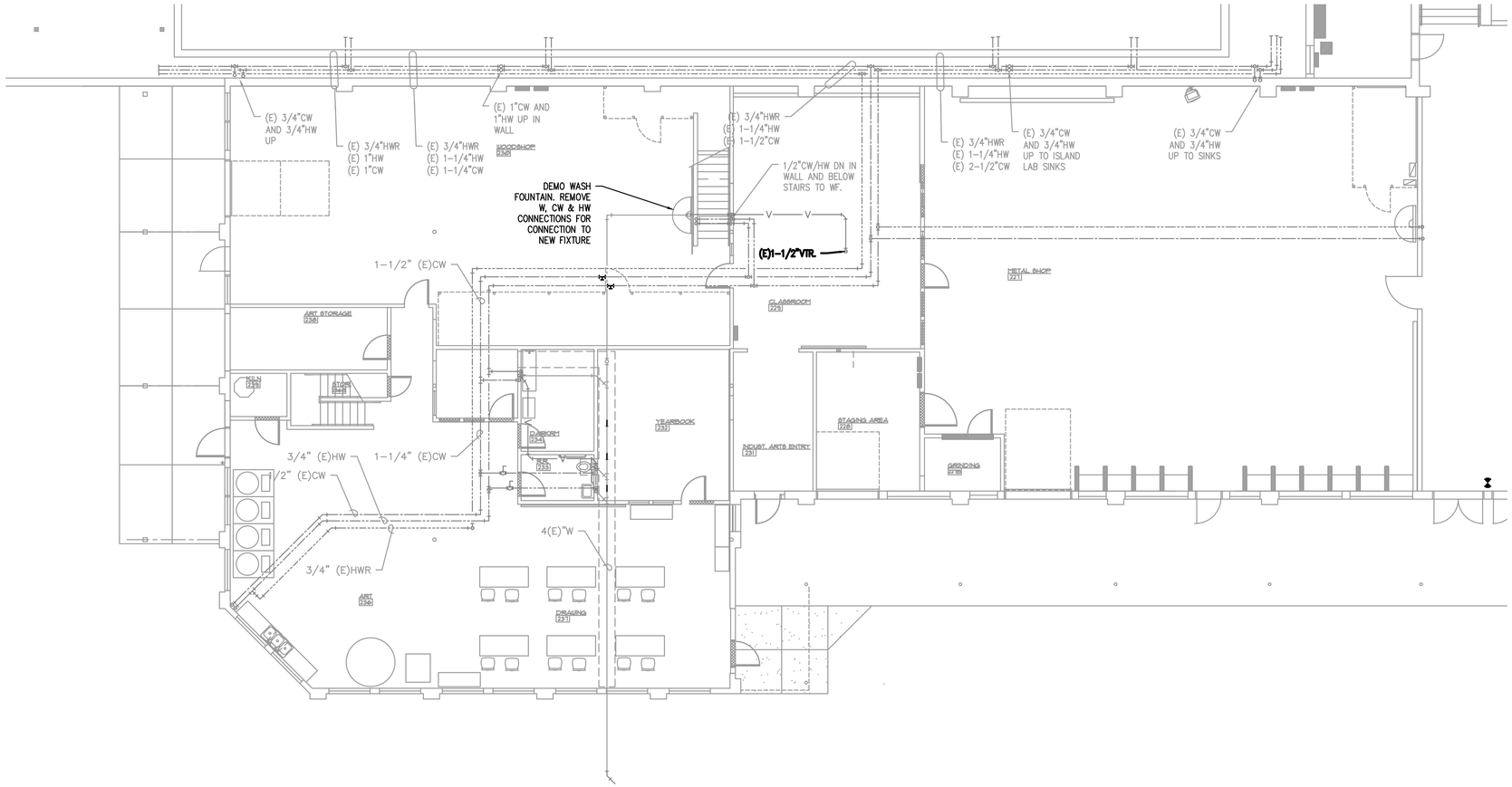
INTERIOR ELEVATIONS & DETAILS

A5.1



1 P1.1 PLUMBING DEMO FLOOR PLAN

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

0 4 8 16

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REGISTERED PROFESSIONAL ENGINEER
70996PE
Takako Baker
JULY 9, 2003
TAKAKO BAKER
EXPIRES: 12/31/23

PROJECT NO.: 21.03

HIGH SCHOOL CTE / SHOP REMODEL

COQUILLE SCHOOL DISTRICT

COQUILLE, OREGON

PRELIMINARY

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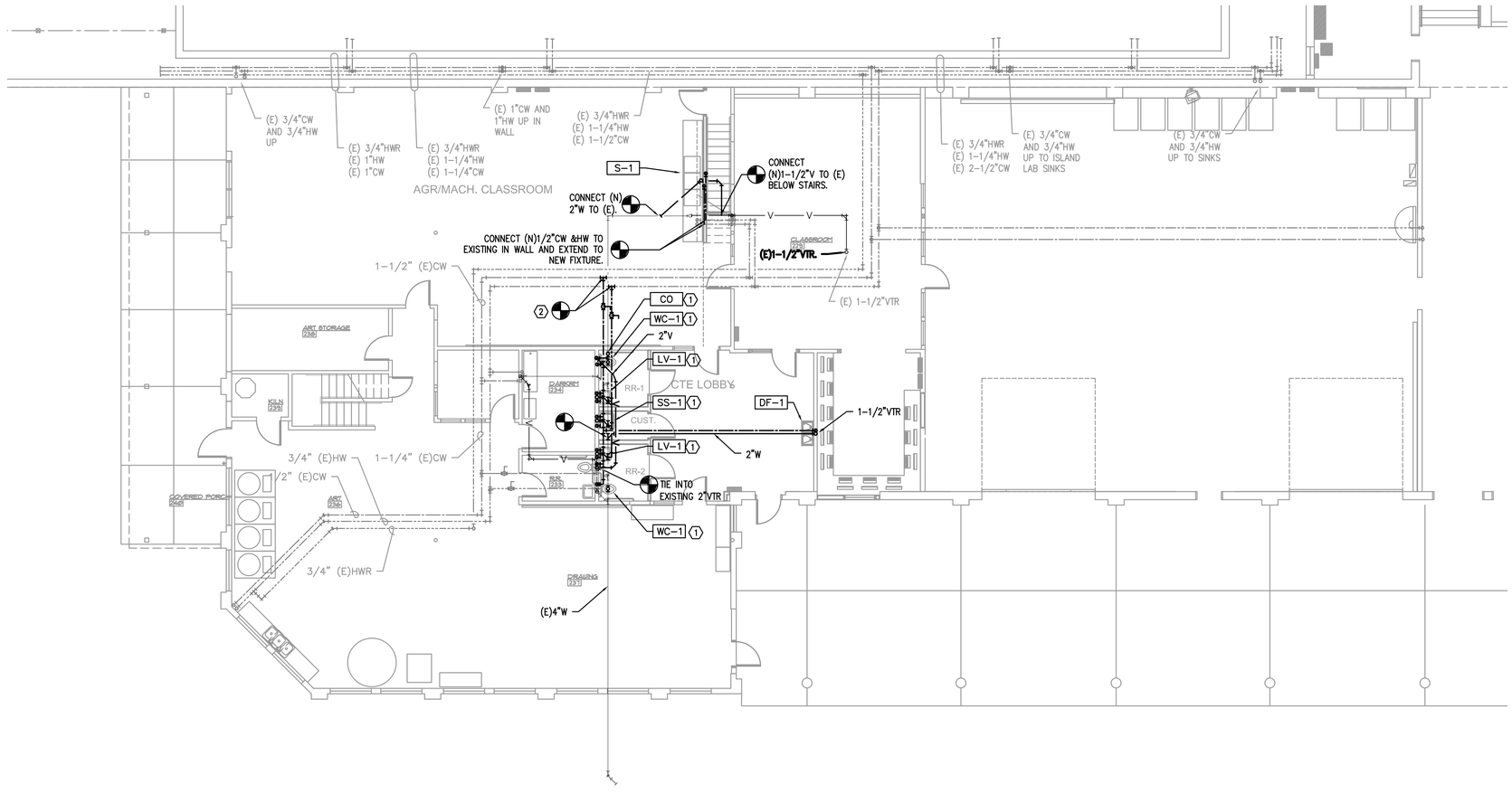
SHEET TITLE:
PLUMBING DEMOLITION FLOOR PLAN

P1.1



KEYED NOTES:

1. CONNECT WASTE TO (E) WASTE MAIN LOCATED DIRECTLY BELOW NEW FIXTURE.
2. CONNECT 1-1/2" CW AND 3/4"HW TO (E) MAINS.

1 P2.1 PLUMBING FLOOR PLAN

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

0 4 8 16

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PROJECT NO.: 21.03

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COQUILLE SCHOOL DISTRICT
COQUILLE, OREGON

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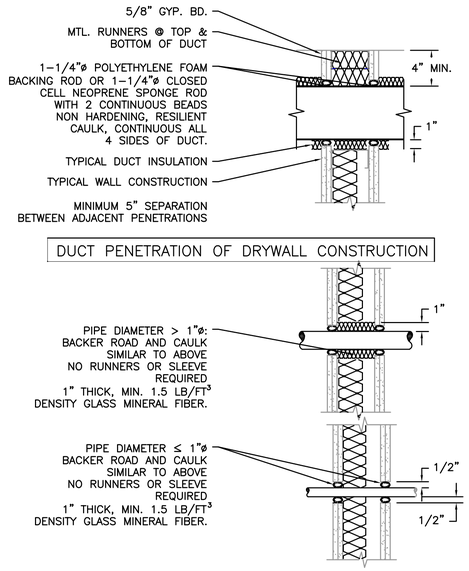
SHEET TITLE:
PLUMBING FLOOR PLAN

P2.1



1 / P1.0 ACOUSTICAL DUCT/PIPE PENETRATION

SCALE: DETAIL

PLUMBING LEGEND

AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
B.G.	BELOW GRADE
BTU	BRITISH THERMAL UNIT
CAP.	CAPACITY
C.I.	CAST IRON
COMP.	COMPARTMENT
CONT.	CONTINUATION
CU.	CUBIC
DF	DRINKING FOUNTAIN
DI	DEIONIZED (WATER)
DIA.	DIAMETER
ELEV.	ELEVATION
EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
F.F.	FINISH FLOOR
FLG.	FLANGE
FT	FOOT / FEET
G	GAS
GA.	GAUGE
GALV.	GALVANIZED
GPM	GALLONS PER MINUTE
G.V.	GATE VALVE
HP	HORSEPOWER
HR.	HOUR
I.E.	INVERT ELEVATION
kW	KILOWATT
LAV	LAVATORY
LBS	POUNDS
MAX.	MAXIMUM
MBH	THOUSANDS OF BTUs PER HOUR
MIN.	MINIMUM
M.J.	MECHANICAL JOINT
N.I.M.	NOT IN MECHANICAL
OS&Y	OUTSIDE STEM & YOKE
PROT.	PROTECTION
PRV	PRESSURE REDUCING VALVE
PSI, PSIG	POUNDS PER SQUARE INCH
P/T	PRESSURE / TEMPERATURE
REQ'D	REQUIRED
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
RR	RESTROOM
TYP.	TYPICAL
UR	URINAL
RVTR	RADON VENT TROUGH ROOF
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
X / XX	EQUIPMENT MARK NUMBER
XXX	FIXTURE MARK
(E)	EXISTING
	HOSE BIBB
#	NOTE
	CLEANOUT

CW	(CW) COLD WATER
NPW	(NPW) NON-POTABLE WATER
HW	(HW) HOT WATER
HWR	(HWR) HOT WATER RECIRC
GW	(GW) GREASE WASTE
AW	(AW) ACID WASTE
	(W) BELOW GRADE WASTE
	(W) ABOVE GRADE WASTE
AV	(AV) ACID VENT
V	(V) VENT
RD	(RD) RAIN DRAIN
FDC	(FDC) FIRE DEPARTMENT CONNECTION
A	(A) COMPRESSED AIR
MV	MEDICAL VACUUM
G	(G) NATURAL GAS
F	(F) FIRE WATER
MA	(MA) MEDICAL AIR
	PRESSURE/TEMP RELIEF VALVE
	BUTTERFLY VALVE
	PRESSURE REGULATING VALVE
OR	TOP CONNECTION
	BOTTOM CONNECTION
	PIPE TURNED UP, PIPE TURNED DOWN
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	CHECK VALVE
	UNION
	DOUBLE CHECK ASSEMBLY
	RE-CIRCULATION PUMP
	CONNECT TO EXISTING
	CAP
	TEE
	ELBOW

PLUMBING CONNECTION SCHEDULE

MARK	FIXTURE	W	V	CW	HW	REMARKS
DF-1	DRINKING FOUNTAIN	2	1-1/2"	1/2"		WITH BOTTLE FILLER.
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL MOUNTED, SEE SPECS. ADA. NOTE 1
SS-1	SERVICE SINK	3"	2"	1/2"	1/2"	SEE SPECS
WC-1	WATER CLOSET	4"	2"	1"		FLOOR MOUNT, FLUSH VALVE, ADA, SEE SPECS
S-1	SINK	2"	1-1/2"	1/2"	1/2"	TRIPLE BASIN SINK, OWNER FURNISHED/CONTRACTOR INSTALLED.

1. PROVIDE WITH ASSE 1070 TEMPERING VALVE. INSTALL IN WALL BEHIND LAVATORY. PROVIDE ACCESS PANEL.

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REGISTERED PROFESSIONAL ENGINEER 70996PE JULY 9, 2007 TAKAKO BAKER
EXPIRES: 12/31/23

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HIGH SCHOOL CTE / SHOP REMODEL
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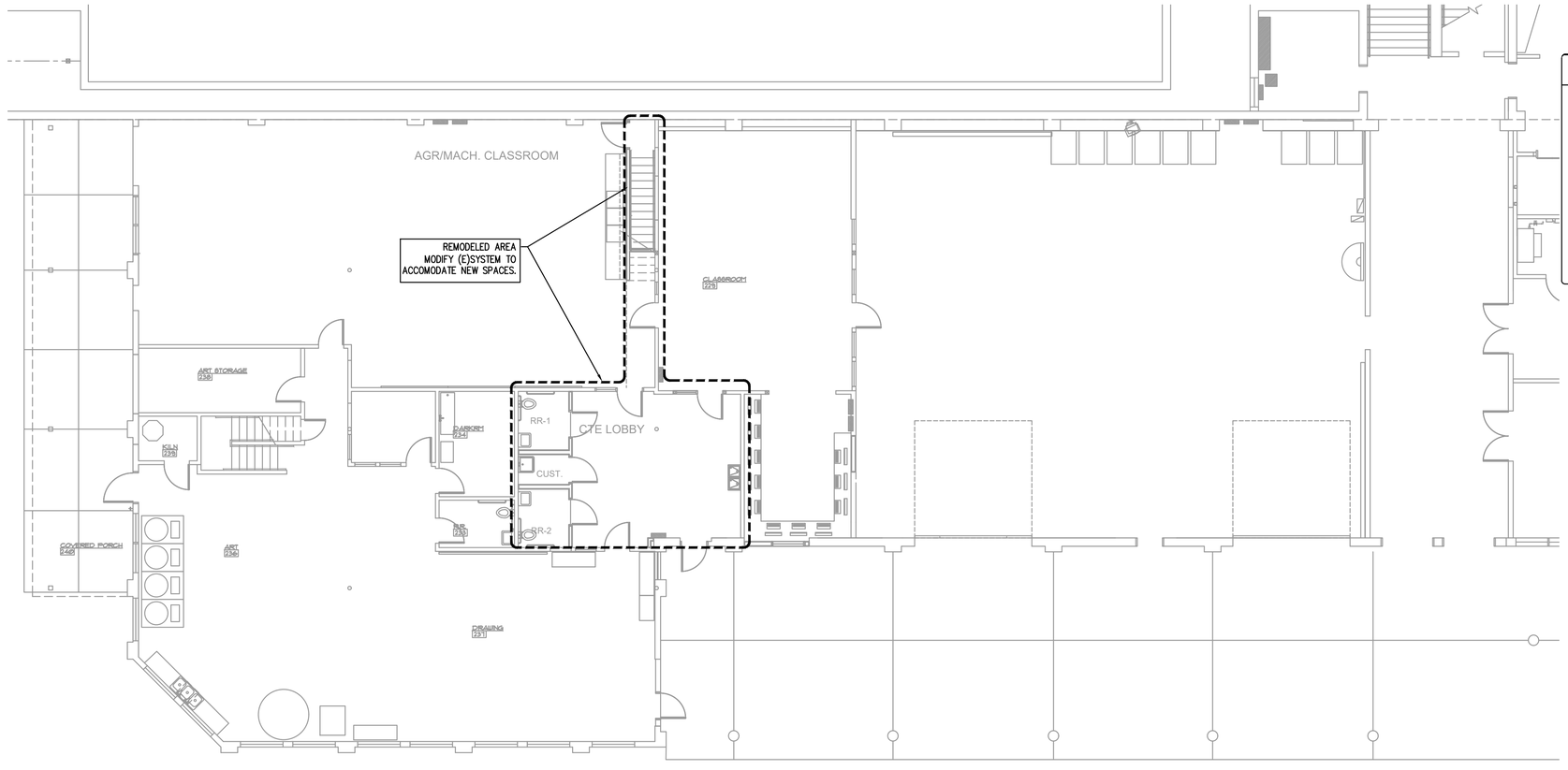
SHEET TITLE:
PLUMBING LEGEND AND SCHEDULES

P6.0



SHEET NOTES

1. PROVIDE ENGINEERED SEISMIC SUPPORT AS REQ'D TO COMPLY WITH NFPA & OSSC. SEE SPECIFICATIONS FOR MORE INFORMATION.
2. ATTACHMENT TO EXPOSED DECK SHALL BE ALLOWED ONLY WITH CSI VERSA DEK WEDGE ANCHOR DESIGNED TO FIT IN DOVETAIL OF STRUCTURAL DECK, SEE SPECIFICATIONS FOR MORE INFORMATION.
3. ATTACHMENT OF PIPES AND DEVICES IN OPEN STRUCTURE AREAS IS TO BE HUNG USING PURLINS OR DOVETAIL ANCHOR DEVICE. DO NOT HANG OR ATTACH ANYTHING FROM TRUSSES. DO NOT PENETRATE ROOF OR FLOOR DECK ABOVE.
4. ATTACHMENT OF PIPES OR DEVICES TO LOWER CORD OF TRUSSES IS NOT ALLOWED.
5. FIRE SEAL PIPE PENETRATIONS AS REQUIRED BY CODE.
6. ALL EXPOSED LINES TO BE PAINTED (SEE SPECS.). COLOR TO MATCH ADJACENT WALL CEILING SURFACE UNLESS DIRECTED BY ARCH. TO PAINT A DIFFERENT COLOR
7. SEE ADDITIONAL REQUIREMENTS IN SPECIFICATION SECTION 211300.

FP1 FIRE SPRINKLER PLAN

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

0 4 8 16

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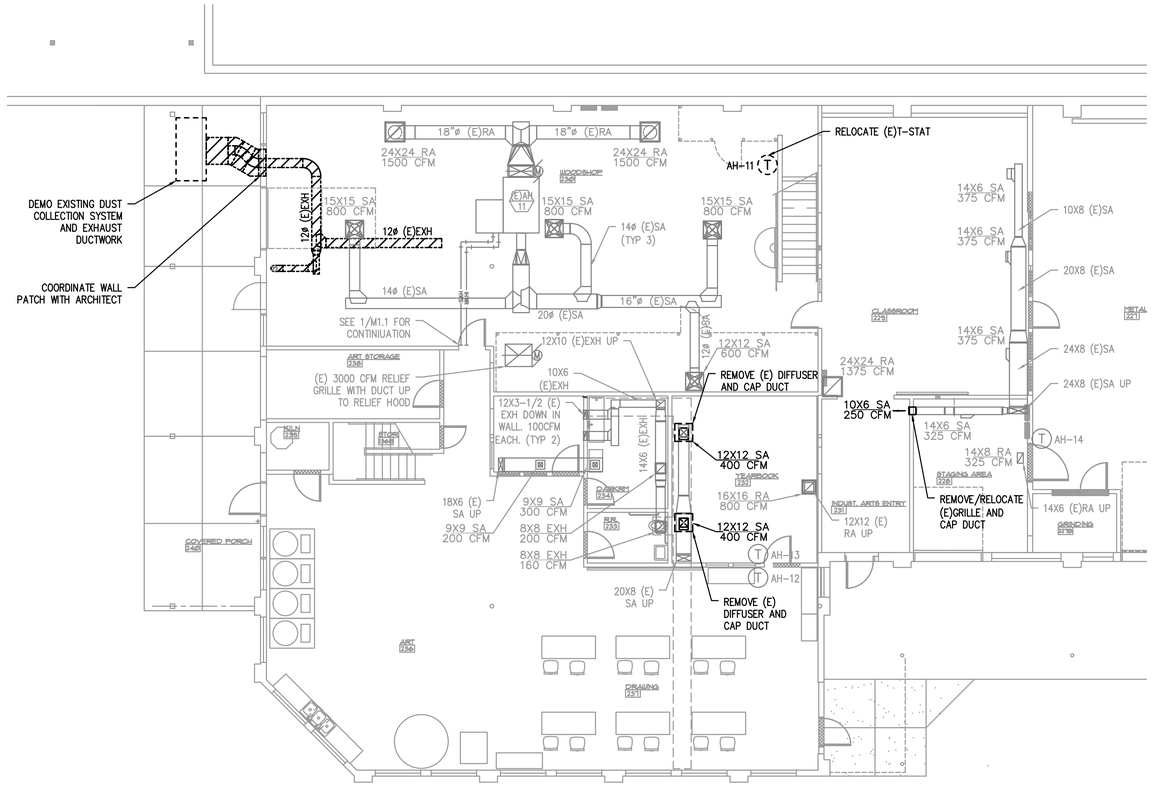
SHEET TITLE:
FIRE SPRINKLER PLAN

FP1.0



1 / M1.1 MECHANICAL PARTIAL LOWER LEVEL DEMO FLOOR PLAN

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

0 4 8 16

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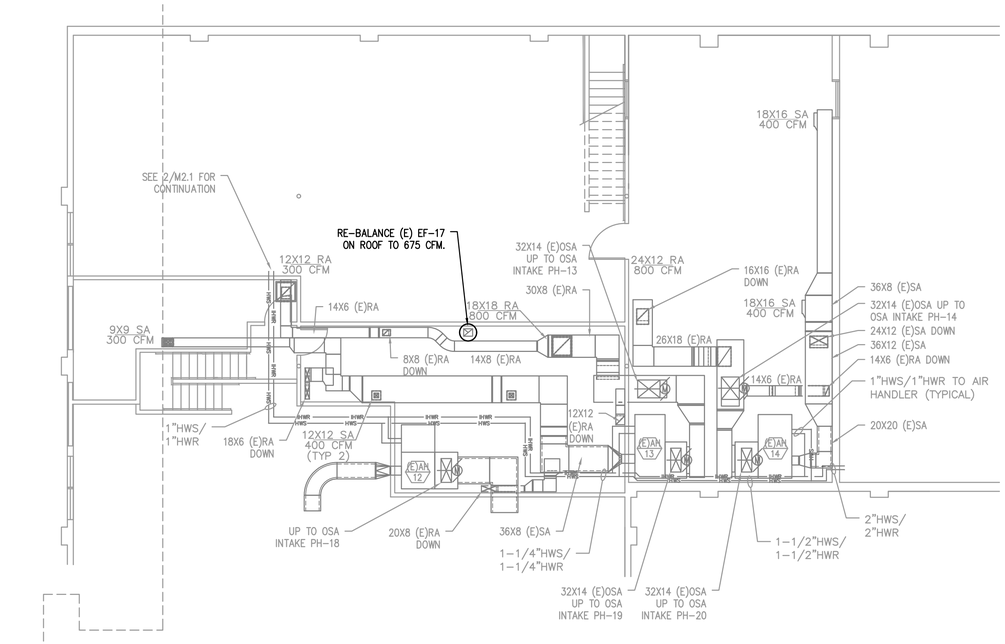
SHEET TITLE:
MECHANICAL DEMOLITION FLOOR PLANS

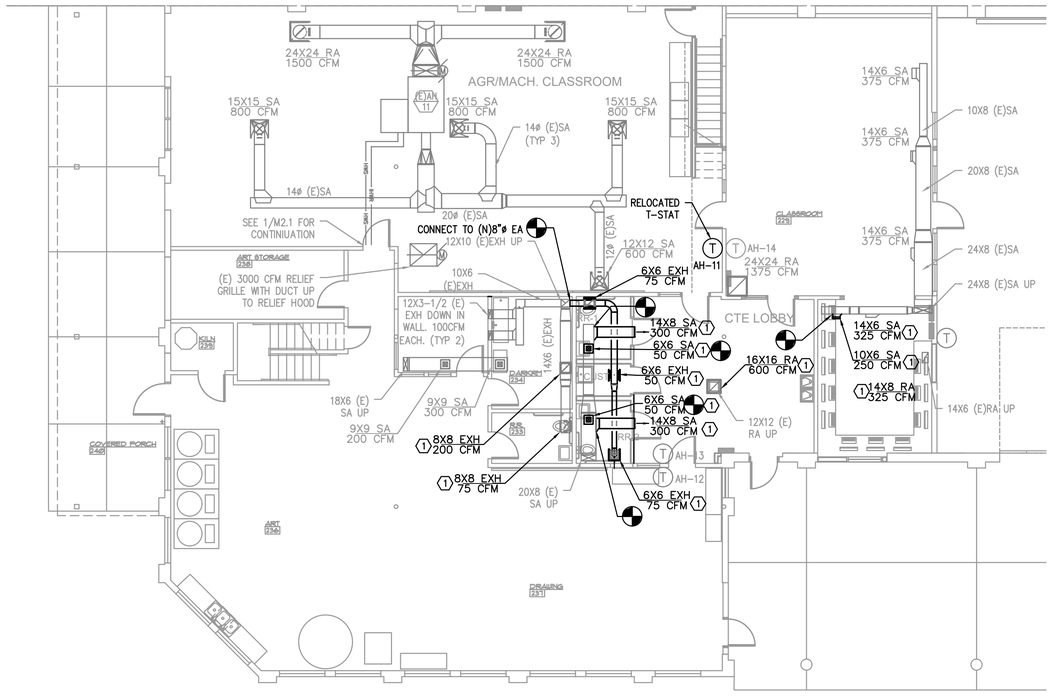
M1.1



1 M2.1 MECHANICAL PARTIAL MEZZANINE FLOOR PLAN

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

0 4 8 16



2 M2.1 MECHANICAL PARTIAL LOWER LEVEL FLOOR PLAN

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

0 4 8 16

KEYED NOTES:

1. BALANCE EXISTING/NEW DIFFUSER AND GRILLE TO AIRFLOW SHOWN.

HGE ARCHITECTS

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REGISTERED PROFESSIONAL ENGINEER 70996PE Takako Baker JULY 9, 2003 TAKAKO BAKER

EXPIRES: 12/31/23

PROJECT NO.: 21.03

HIGH SCHOOL CTE / SHOP REMODEL

COQUILLE SCHOOL DISTRICT

COQUILLE, OREGON

PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

DATE: MARCH 2023

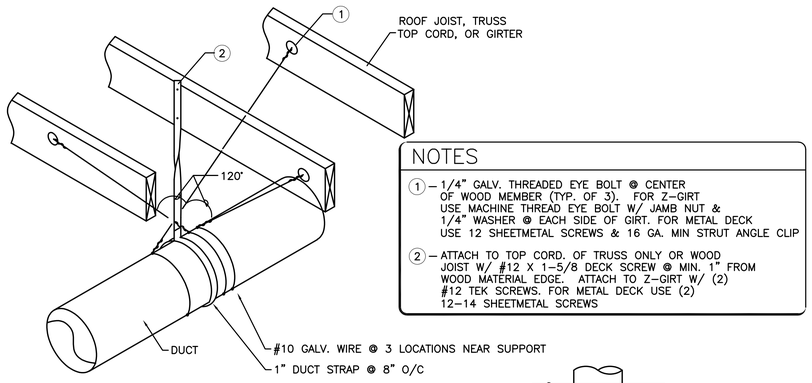
SHEET TITLE:

MECHANICAL FLOOR PLANS

M2.1

VENTILATION AIR SCHEDULE - COQUILLE HS CTE / SHOP REMODEL

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)		ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp			Evz		
CTE LOBBY	363	30	11	7.5	0.06	104	1.0	104	850	0.12	600	50	1.06	98	
CPU LAB	219	25	11	10	0.12	136	1.0	136	325	0.42	0		0.77	178	
RR-1	52	0	0	0	0.06	3	1.0	3	75	0.04	0	75	1.14	3	
RR-2	52	0	0	0	0.06	3	1.0	3	75	0.04	72	75	1.14	3	
TOTAL	686		22			247		247	1325		672	200	0.77	281	
								Vou	Vps				Ev		
CORRECTED TOTAL OUTDOOR AIR FLOW RATE										322	CFM	Corrected OSA Fraction		Zs =	0.877697



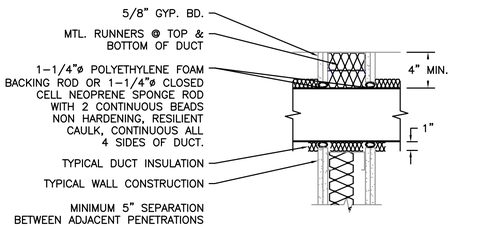
NOTES

1. 1/4" GALV. THREADED EYE BOLT @ CENTER OF WOOD MEMBER (TYP. OF 3). FOR Z-GIRT USE MACHINE THREAD EYE BOLT W/ JAMB NUT & 1/4" WASHER @ EACH SIDE OF GIRT. FOR METAL DECK USE 12 SHEETMETAL SCREWS & 16 GA. MIN STRUT ANGLE CLIP
2. ATTACH TO TOP CORD. OF TRUSS ONLY OR WOOD JOIST W/ #12 X 1-5/8 DECK SCREW @ MIN. 1" FROM WOOD MATERIAL EDGE. ATTACH TO Z-GIRT W/ (2) #12 TEK SCREWS. FOR METAL DECK USE (2) 12-14 SHEETMETAL SCREWS

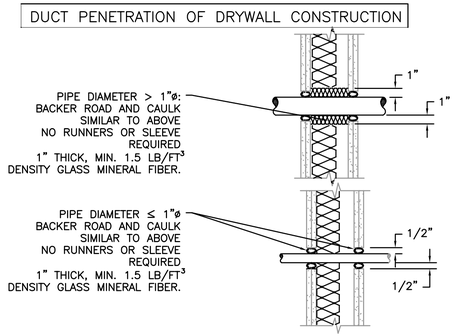
- FOR SHEETMETAL DUCTS 11" TO 27" IN DIAMETER & ALL SQUARE OR RECTANGULAR DUCTS (STRAP ALONE IS SUFFICIENT FOR DUCTS SMALLER THAN 11" IN DIAMETER)
- STRAP INTERVAL MAY BE DECREASED (LESS THAN 96" O/C TO REDUCE THE NEED FOR WIRE TIES AS DETAILED. CONSULT ENGINEER OR SMACNA STANDARDS

TOP VIEW

1 M6.0 DUCT SUPPORT
DETAIL

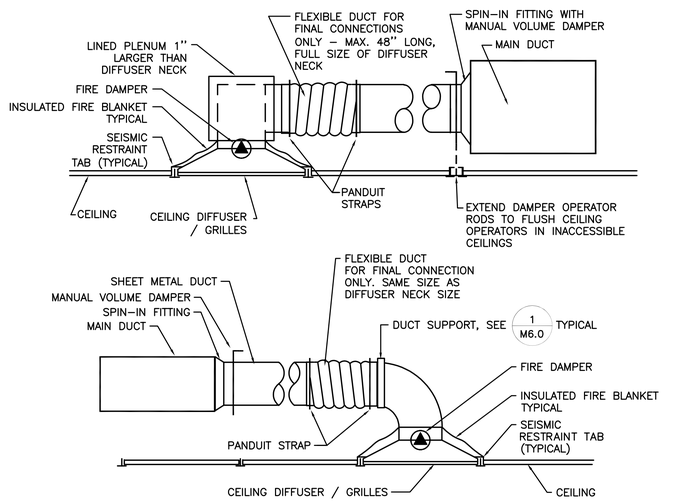


DUCT PENETRATION OF DRYWALL CONSTRUCTION



PIPE/CONDUIT PENETRATION DRYWALL CONSTRUCTION
TO BE APPLIED TO WALLS WITH STC ≥ 49

3 M6.0 ACOUSTICAL DUCT/PIPE PENETRATION
SCALE: DETAIL



2 M6.0 TYPICAL DIFFUSER AND GRILLE INSTALLATION
DETAIL

MECHANICAL LEGEND

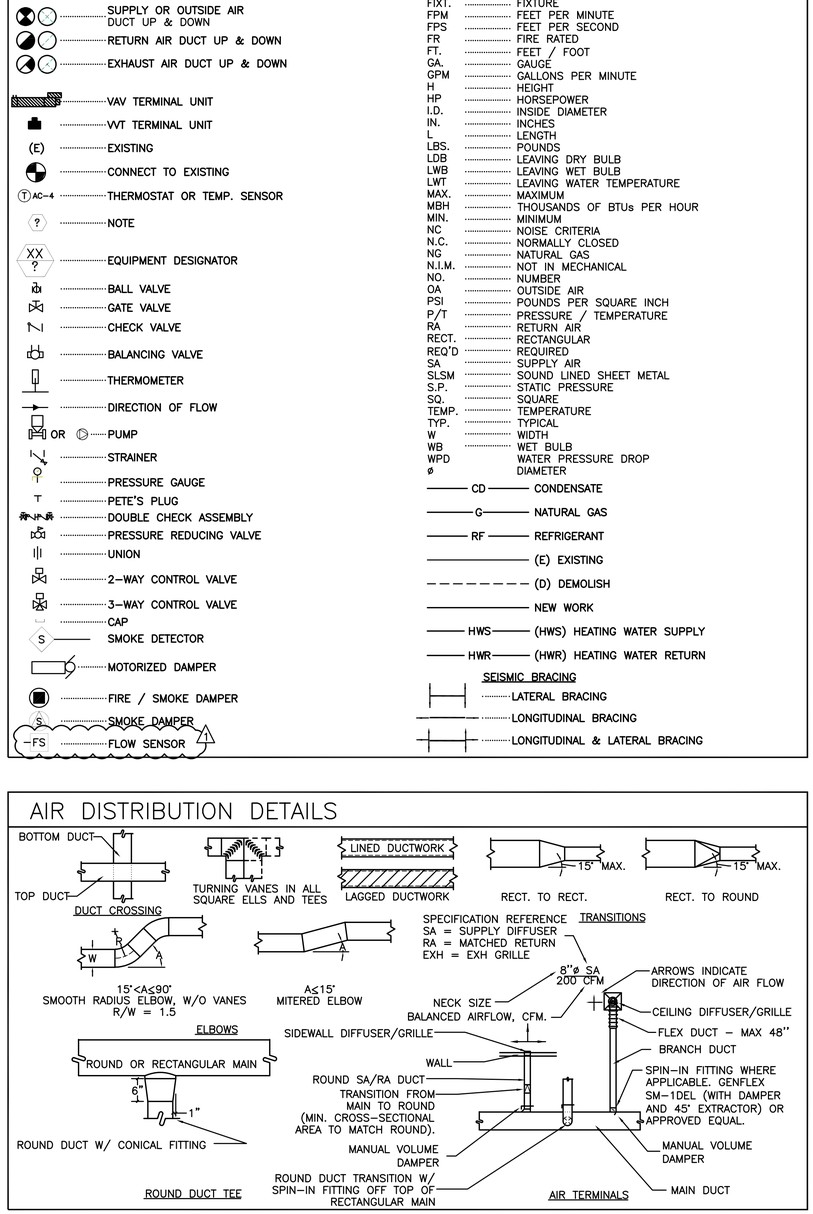
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST AIR GRILLE
- PERFORATED RETURN AIR PANEL
- OR — DIRECTIONAL AIR FLOW
- MANUAL VOLUME DAMPER
- SUPPLY OR OUTSIDE AIR DUCT UP & DOWN
- RETURN AIR DUCT UP & DOWN
- EXHAUST AIR DUCT UP & DOWN
- SUPPLY OR OUTSIDE AIR DUCT UP & DOWN
- RETURN AIR DUCT UP & DOWN
- EXHAUST AIR DUCT UP & DOWN
- VAV TERMINAL UNIT
- VVT TERMINAL UNIT
- (E) EXISTING
- CONNECT TO EXISTING
- T AC-4 — THERMOSTAT OR TEMP. SENSOR
- ? — NOTE
- XX ? — EQUIPMENT DESIGNATOR
- BALL VALVE
- GATE VALVE
- CHECK VALVE
- BALANCING VALVE
- THERMOMETER
- DIRECTION OF FLOW
- OR — PUMP
- STRAINER
- PRESSURE GAUGE
- PETE'S PLUG
- DOUBLE CHECK ASSEMBLY
- PRESSURE REDUCING VALVE
- UNION
- 2-WAY CONTROL VALVE
- 3-WAY CONTROL VALVE
- CAP
- S — SMOKE DETECTOR
- MOTORIZED DAMPER
- FIRE / SMOKE DAMPER
- S — SMOKE DAMPER
- FS — FLOW SENSOR

AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
B.D.	BOTTOM OF DUCT
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNITS
CFM	CUBIC FEET PER MINUTE
CONN.	CONNECTION
CONT.	CONTINUATION
CW	DOMESTIC COLD WATER
DB	DRY BULB
DN	DOWN
DIA.	DIAMETER
DIST.	DISTRIBUTION
EA	EXHAUST AIR
EDB	ENTERING DRY BULB TEMPERATURE
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
FF	FINISH FLOOR
FIXT.	FIXTURE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FR	FIRE RATED
FT.	FEET / FOOT
GA.	GAUGE
GPM	GALLONS PER MINUTE
H	HEIGHT
HP	HORSEPOWER
I.D.	INSIDE DIAMETER
IN.	INCHES
L	LENGTH
LBS.	POUNDS
LDB	LEAVING DRY BULB
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MBH	THOUSANDS OF BTUs PER HOUR
MIN.	MINIMUM
NC	NOISE CRITERIA
N.C.	NORMALLY CLOSED
NG	NATURAL GAS
N.I.M.	NOT IN MECHANICAL
NO.	NUMBER
OA	OUTSIDE AIR
PSI	POUNDS PER SQUARE INCH
P/T	PRESSURE / TEMPERATURE
RA	RETURN AIR
RECT.	RECTANGULAR
REQ'D	REQUIRED
SA	SUPPLY AIR
SLSM	SOUND LINED SHEET METAL
S.P.	STATIC PRESSURE
SQ.	SQUARE
TEMP.	TEMPERATURE
TYP.	TYPICAL
W	WIDTH
WB	WET BULB
WPD	WATER PRESSURE DROP
ø	DIAMETER

- CD — CONDENSATE
- G — NATURAL GAS
- RF — REFRIGERANT
- (E) EXISTING
- (D) DEMOLISH
- NEW WORK
- HWS — (HWS) HEATING WATER SUPPLY
- HWR — (HWR) HEATING WATER RETURN

SEISMIC BRACING
- LATERAL BRACING
- LONGITUDINAL BRACING
- LONGITUDINAL & LATERAL BRACING

AIR DISTRIBUTION DETAILS



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REGISTERED PROFESSIONAL ENGINEER
70996PE
Takako Baker
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TAKAKO BAKER
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HIGH SCHOOL CTE / SHOP REMODEL
COQUILLE SCHOOL DISTRICT
COQUILLE, OREGON

PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

DATE: MARCH 2023

SHEET TITLE:
MECHANICAL LEGEND, DETAILS AND SCHEDULES

M6.0

ELECTRICAL SYMBOL SCHEDULE

SYMBOLS	ONELINE DIAGRAM	NOTES
	MOLDED CASE CIRCUIT BREAKER	
	TRANSFORMER	
	CURRENT TRANSFORMER(S)	
M	METER, TYPE AS NOTED	
	GROUND	
	NEUTRAL BUS	
M	MOTOR WITH MOTOR NUMBER (SEE EQUIPMENT SCHEDULE)	
D	COMBINATION FIRE SMOKE DAMPER	2
EF-1	EQUIPMENT NUMBER (SEE EQUIPMENT SCHEDULE)	
	NON-FUSED DISCONNECT SWITCH	
	FUSED DISCONNECT SWITCH (FUSES SIZED PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS UNO.)	
	COMBINATION MOTOR STARTER / FUSED DISCONNECT SWITCH	
	SUB-DISTRIBUTION PANELBOARD OR SWITCHBOARD	
	BRANCH CIRCUIT PANELBOARD	
	MISCELLANEOUS PANEL AS NOTED	
	MAIN DISTRIBUTION PANELBOARD	
T	TRANSFORMER	

SYMBOLS	RACEWAYS	NOTES
	BRANCH CIRCUIT INSTALLED CONCEALED FROM FINISH SPACES . PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE . GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION .	
	BRANCH CIRCUIT INSTALLED IN OR BELOW FLOOR . PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE . GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION .	
LA-13,5	BRANCH CIRCUIT HOME RUN TO PANEL , HASH MARKS INDICATES NUMBER OF CONDUCTORS . PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE . GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION .	
	LOW VOLTAGE EMPTY CONDUIT WITH PULL STRING - ¾" UNO	
PB	PULL BOX , 6" x 6" x 4" UNLESS NOTED OTHERWISE	
J	JUNCTION BOX , 4" SQUARE UNLESS OTHERWISE NOTED	
	4" CONDUIT SLEEVE WITH BUSHINGS AT BOTH ENDS . LOCATE AT 6" ABOVE ACCESSIBLE CEILING . FIRESTOP WITH UL APPROVED SYSTEM .	
	CONDUIT STUB-OUT, CAP & MARK WITH APPROVED MARKER	
	CONDUIT , UP	
	CONDUIT , DOWN	

SYMBOLS	RECEPTACLES	NOTES
	WHEN ADDED TO A SYMBOL , INDICATES OUTLET MOUNTED WITH BOTTOM OF OUTLET AT 2" ABOVE COUNTER TOP OR BACK SPLASH UNO.	
	DUPLEX CONVENIENCE OUTLET	+ 18"
	GFI DUPLEX CONVENIENCE OUTLET	+ 18"
	DUPLEX OUTLET CONNECTED TO EMERGENCY CIRCUIT	+ 18"
	DOUBLE DUPLEX CONVENIENCE OUTLET	+ 18"
	SINGLE PHASE SPECIAL PURPOSE OUTLETS, AS NOTED	+ 18" UNO
	THREE PHASE SPECIAL PURPOSE OUTLETS, AS NOTED	
	FLUSH FLOOR OUTLET AS SHOWN	

SYMBOLS	TELEPHONE / DATA	NOTES
	WHEN ADDED TO SYMBOL , INDICATES OUTLET MOUNTED WITH BOTTOM OF OUTLET AT 2" ABOVE COUNTER TOP OR BACKSPLASH UNO	
2	TELE/DATA. PROVIDE CABLES AS SHOWN	+ 18" 1
W	'W' ADDED TO SYMBOL INDICATES WALL MOUNTED	+ 60" 1
2	FLOOR OUTLET WITH CABLES AS SHOWN	1
TTB	TELEPHONE TERMINAL BOARD , 8" HIGH (WIDTH AS SHOWN) , ¾" FIRE RESISTIVE PLYWOOD WITH * 6 CU GND	
	WIRELESS ACCESS PORT. PROVIDE (1) CAT6a CABLES	1

NOTES

1. ALL SYMBOLS MAY NOT APPLY DIRECTLY TO THIS JOB.
2. ALL MOUNTING HEIGHTS SHOWN ARE TO CENTERLINE OF DEVICE.
3. ALL MOUNTING HEIGHTS ARE TYPICAL ON PLANS.

KEYED NOTES

1. PROVIDE 1" CONDUIT FROM OUTLET BOX TO ACCESSIBLE LOCATION ABOVE CEILING, UNLESS NOTED OTHERWISE. TERMINATE CONDUITS WITH BLUE INSULATED BOX CONNECTORS AND LABEL SYSTEM, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION . ROUTE CAT6 or 6a CABLE(S) TO DATA RACK DESIGNATED BY OWNER

SYMBOLS	LIGHT FIXTURES	NOTES
	WHEN ADDED TO LIGHT FIXTURE SYMBOL - INDICATES WALL OR BRACKET MOUNTED LIGHT FIXTURE	
FD 2.	SURFACE OR PENDANT MOUNTED LIGHT FIXTURE OUTLET . (NUMBER INDICATES CIRCUIT . CAPITAL LETTER INDICATES FIXTURE TYPE . LOWER CASE LETTER INDICATES SWITCHING CONTROL , TYPICAL FOR ALL LIGHT FIXTURES)	
	RECESSED CEILING LIGHT FIXTURE	
	RECESSED WALL WASHER , UNSHADED SIDE INDICATES DIRECTION OF WALL WASHING	
	FLUORESCENT LIGHT FIXTURE	
	FLUORESCENT STRIP LIGHT FIXTURE	
	SINGLE FACE EXIT SIGN WITH NUMBER OF DIRECTIONAL ARROWS AS SHOWN , CEILING MOUNTED . SOLID QUADRANT INDICATES FACE.	

SYMBOLS	SWITCHES	NOTES
$	SINGLE POLE LIGHT SWITCH	+ 46"
$3	THREE WAY LIGHT SWITCH	+ 46"
$M	MOTOR RATED SWITCH	+ 46"
MC MW	OCCUPANCY SENSOR - C=CEILING W=WALL MOUNTED	
P	PHOTOELECTRIC SWITCH	

SYMBOLS	SECURITY	NOTES
	SECURITY CAMERA. PROVIDE J-BOX WITH CAT 6 CABLE	1
L	ELECTRONICALLY CONTROLLED LOCK	
	DOOR POSITION SWITCH	
M	MOTION DETECTOR (OMNI DIRECTIONAL)	
CR	CARDREADER	+ 44"
KP	KEYPAD	+ 44"

SYMBOLS	AUDIO / VISUAL	NOTES
S	CEILING SPEAKER	
S	WALL MOUNTED SPEAKER	+ 80"
S	WALL MOUNTED SPEAKER HORN	+ 80"
TV	TELEVISION (VIDEO) OUTLET	+ 18"
IR	INTERCOM REQUEST STATION (SPEAKER & PUSH BUTTON)	+ 44"

SYMBOLS	FIRE ALARM	NOTES
M	MANUAL PULL STATION	+ 44"
V	COMBINATION VISUAL / AUDIBLE ALARM	+ 80" AFF†B
V	VISUAL STROBE ALARM	+ 80" AFF†B
P	PHOTOELECTRIC SMOKE DETECTOR (CEILING MOUNTED UNO)	
I	IONIZATION SMOKE DETECTOR (CEILING MOUNTED UNO)	
D	MAGNETIC DOOR HOLDER	
H	HEAT DETECTOR (CEILING MOUNTED, 135° UNO)	

SYMBOLS	ABBREVIATIONS	NOTES
AIC	AMPERE INTERRUPTING CAPACITY	
AMP	AMPERE	
C	CONDUIT	
EC	EMPTY CONDUIT (WITH PULL-IN LINE)	
ELEC	ELECTRICAL	
FAAP	FIRE ALARM ANNUNCIATOR PANEL	
FACP	FIRE ALARM CONTROL PANEL	
G, GND	GROUND	
GEN	GENERATOR	
GFI	GROUND FAULT CIRCUIT INTERRUPTER TYPE	
HP	HORSEPOWER	
IG	ISOLATED GROUND	
MECH	MECHANICAL	
MFGR	MANUFACTURER	
NEC	NATIONAL ELECTRIC CODE	
NL	NIGHT LIGHT	24 HOUR 'ON'
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	
OFOI	OWNER FURNISHED OWNER INSTALLED	
PB	PULL BOX	
ø PH	PHASE	
PNL	PANEL	
PWR	POWER	
SYS	SYSTEM	
T	TELEPHONE	
TTB	TELEPHONE TERMINAL BOARD	
TYP	TYPICAL	
UNO	UNLESS NOTED OTHERWISE	
V	VOLT	
VP	VANDAL PROOF	
W	WATT	
WP	WEATHERPROOF TYPE	

ELECTRICAL SPECIFICATION

GENERAL PROVISIONS

1. FURNISH LABOR, SUPERVISION, PERMITS, MATERIALS AND EQUIPMENT TO COMPLETE THE WORK REQUIRED IN PLANS AND BY THE CONTRACT DOCUMENTS.
2. ALL WORK SHALL CONFORM TO NATIONAL ELECTRIC CODE STANDARDS, OREGON ELECTRICAL SPECIALTY CODE, AND ALL CODES, RULES, AND REGULATIONS CURRENT OR LATEST EDITION ADOPTED BY AUTHORITIES HAVING JURISDICTION AT TIME OF PERMIT.
3. VERIFY ALL UTILITY REQUIREMENTS. COORDINATE POWER, TELEPHONE, AND CABLE SERVICE REQUIREMENTS WITH LOCAL SERVICE PROVIDER. CONTRACTOR TO PAY FOR ALL FEES AND HOOK UP CHARGES.
4. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED DURING THE COURSE OF CONSTRUCTION.
5. PROVIDE ALL REQUIRED CONDUITS, JUNCTION BOXES, SWITCHES, WIRE, RECEPTACLES, OUTLETS (DATA, TELEPHONE, TELEVISION), PANEL BOARDS, ETC., TO PROVIDE FULLY OPERATIONAL POWER, HEATING/COOLING, LIGHTING, DATA, AND COMMUNICATION SYSTEMS.
6. ELECTRICAL SUBMITTALS:
   a. SUBMIT MANUFACTURER'S DATA AND SHOP DRAWINGS AS REQUIRED UNDER GENERAL CONDITIONS.
   b. SUBMITTALS SHALL BE INCORPORATED INTO A SINGLE SUBMISSION. MULTIPLE SUBMISSIONS ARE NOT ACCEPTABLE.
   c. SPECIFIC MODEL NUMBERS SHALL BE INDICATED RATHER THAN GENERAL MANUFACTURER LINES.
7. OPERATION AND MAINTENANCE (O&M) MANUALS: PROVIDE ALL ELECTRICAL EQUIPMENT AND CONTROL INFORMATION. THE PURPOSE OF THIS MANUAL IS TO PROVIDE ONE COMPREHENSIVE DOCUMENT THAT ILLUSTRATES AND DESCRIBES ALL THE ELECTRICAL EQUIPMENT AND CONTROL SYSTEMS
   a. PROVIDE GENERAL AND SUB-CONTRACTOR'S NAME, CONTACT PERSON, AND TELEPHONE/FAX NUMBERS.
   b. O&M MANUAL SHALL INCLUDE WARRANTY INFORMATION AND ANY EQUIPMENT DOCUMENTATION.
8. PROJECT RECORD DOCUMENTS (AS-BUILTS):
   a. MAINTAIN AT THE SITE ONE COMPLETE SET OF FULL-SIZED ORIGINAL PRINTS FOR RECORDING INSTALLED CONDITIONS (AS-BUILTS). KEEP RECORD DRAWINGS CLEAN, UNDAMAGED AND UP TO DATE AS WORK PROGRESSES. ACCURATELY INDICATE ELECTRICAL WORK AS ACTUALLY INSTALLED WITH INDICATIONS OF ALL DEVIATIONS, ADDITIONS AND OMISSIONS IN RED INK. LOCATE ALL BURIED EXTERIOR RACEWAYS OR CABLES BY ACTUAL DIMENSIONS FROM WALLS, CENTER-LINES OR FIXED POINTS OF REFERENCE.
   b. THE PURPOSE OF THESE RECORD DRAWINGS IS TO PROVIDE THE ENGINEER WITH AN EASY TO READ, COMPLETE RECORD OF THE INSTALLATION SO THAT AT THE END OF THE PROJECT THE ENGINEER CAN REVISE THE ORIGINAL CONTRACT DRAWINGS TO REPRESENT THE ACTUAL INSTALLATION. COLOR-CODED AND HIGHLIGHTED NOTES SHALL BE USED IF THESE WOULD MAKE THE RECORD DRAWINGS EASIER TO READ.
   c. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL FURNISH THE ENGINEER THIS ORIGINAL SET OF MARKED-UP DRAWINGS. FINAL PAYMENT TO THE CONTRACTOR WILL NOT BE AUTHORIZED UNTIL THESE DRAWINGS HAVE BEEN SUBMITTED TO AND ACCEPTED BY THE ENGINEER.
9. IDENTIFICATION:
   a. PROVIDE ENGRAVED LABEL FOR DISCONNECTS AND PANELS.
   b. PROVIDE TYPEWRITTEN CIRCUIT SCHEDULES FOR PANELBOARDS.

MAIN SERVICE AND DISTRIBUTION

1. ELECTRICAL CONTRACTOR TO PROVIDE COMPLETE ELECTRICAL DISTRIBUTION SYSTEM FOR REMODELED AREA. SEE ONE-LINE DIAGRAM AND PANEL SCHEDULES ON THE ELECTRICAL PLANS.
2. GROUND AND BOND THE ELECTRICAL SERVICE PER NEC SECTION 250.
3. VERIFY FAULT CURRENT VALUE WITH UTILITY IF NOT OTHERWISE NOTED ON DRAWINGS.
4. ELECTRICAL PANELBOARDS SHALL MEET ALL THE CONSTRAINTS STIPULATED BY THE SCOPE OF THE PROJECT. USE OF LOAD CENTER WITH PLUG-ON BREAKERS MUST HAVE PRIOR APPROVAL OF THE OWNER. REQUIREMENTS INCLUDE: VOLTAGE, PHASE, FAULT CURRENT RATING, CONDUCTOR LUGS, BREAKER SIZE, ETC...

BASIC MATERIALS

1. ALL WIRE TO BE MC CABLE OR CONDUIT AS ALLOWED BY CODE.
2. PROVIDE JUNCTION BOX AND WIRING FOR ALL LIGHT FIXTURES SHOWN ON PLANS. SEE FIXTURE SCHEDULE ON PLANS.
3. SWITCHES, RECEPTACLES, CABLE AND PHONE RECEPTACLES AND OTHER DEVICES AND CONTROLS SHALL BE COMMERCIAL GRADE. COLOR: IVORY OR AS OTHERWISE SELECTED BY ARCHITECT.
4. PROVIDE GROUND-FAULT CIRCUIT INTERRUPTER (GFCI OR GFI) AT EXTERIOR LOCATIONS, SINK COUNTERS, AND WHERE NOTED ON DRAWINGS AND REQUIRED BY CODE. PROTECT BY INDIVIDUAL DEVICE OR GFCI BREAKER AS PRACTICAL FOR APPLICATION.

END OF SECTION

PROJECT NOTES

1. WORK SHOWN ON PLAN IS BASED ON AVAILABLE INFORMATION AT THE TIME OF DESIGN. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE PROJECT REQUIREMENTS WITH EXISTING CONDITIONS.
2. UNLESS NOTED OTHERWISE, ALL EQUIPMENT AND DEVICES SHOWN ON THE DEMOLITION PLAN IS TO BE DISCONNECTED AND REMOVED, WITH THE EXCEPTION OF WIRING TO BE REUSED DURING NEW INSTALLATION. REMOVE ALL UNUSED WIRING AND CONDUIT BACK TO PANEL OR ORIGIN. WIRING WHICH SERVES USABLE EXISTING LIGHTING AND POWER OUTLETS SHALL BE REROUTED AND RESTORED CLEAR OF CONSTRUCTION. MAINTAIN ELECTRICAL CONTINUITY OF EXISTING SYSTEM.
3. CONTRACTOR SHALL COORDINATE AND PERFORM NECESSARY ELECTRICAL DEMOLITION WORK ASSOCIATED WITH ALL ITEMS AND EQUIPMENT TO BE REMOVED.
4. CONFIRM THAT ALL EXISTING DEVICES AND EQUIPMENT PLANNED FOR REUSE ARE IN GOOD OPERATING CONDITION. UNSUITABLE ITEMS SHALL NOT BE REUSED. RETURN ALL OTHER ITEMS SUITABLE FOR REUSE TO OWNER.
5. WHEN ADDING LOAD TO EXISTING CIRCUITS, TAKE AMPERE READINGS OF EXISTING CIRCUIT UNDER FULL LOAD. IF CAPACITY OF DESIGNATED CIRCUIT IS NOT ADEQUATE FOR ADDITIONAL LOAD, COMBINE LOADS ON EXISTING CIRCUIT BREAKERS (WITH ADEQUATE SPACE) TO PROVIDE SPARE BREAKERS AND CIRCUIT SPACE.
6. BRANCH CIRCUIT NUMBERS (WHERE SHOWN) ARE SHOWN FOR CIRCUITING PURPOSES. EXACT CIRCUIT NUMBERS SHALL BE DESIGNATED IN THE FIELD AND RECORDED ON RECORD DRAWINGS.
7. EXISTING CIRCUIT BREAKERS IN BRANCH PANEL MAY BE REUSED IF OF THE PROPER AMPERAGE AND IN GOOD OPERATING CONDITION (TRIP CHECK REQUIRED). OTHERWISE, REPLACE WITH NEW CIRCUIT BREAKER OF THE SAME MANUFACTURE AND TYPE.
8. WIRING WHICH SERVES USABLE EXISTING OUTLETS SHALL BE REROUTED AND RESTORED CLEAR OF CONSTRUCTION. MAINTAIN ELECTRICAL CONTINUITY OF EXISTING SYSTEM. REPAIR AND RECONDITION ASSOCIATED SURFACES TO MATCH ADJACENT SURFACES. VERIFY EXACT LOCATIONS IN THE FIELD.
9. DISCONNECT AND REMOVE ELECTRICAL CONNECTION AND ASSOCIATED WIRING TO EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO DEMOLITION. VERIFY EXACT LOCATION IN THE FIELD. WIRING WHICH SERVES USABLE EXISTING OUTLETS SHALL BE REROUTED AND RESTORED CLEAR OF CONSTRUCTION.
10. WHEN MAKING MODIFICATIONS TO EXISTING EQUIPMENT OR PANELS, PROVIDE NEW ENGRAVED PANEL LABEL. PROVIDE NEW TYPEWRITTEN CIRCUIT SCHEDULES FOR ALL MODIFIED PANELS.
11. FIRE ALARM: PROVIDE NEW DEVICES AS INDICATED BY PLANS. NEW DEVICES SHALL BE COMPLETELY COMPATIBLE WITH EXISTING SYSTEM. TEST EXISTING DEVICES WITHIN THE REMODELED AREA. REPLACE ANY DEVICE THAT FAILS TESTING. FIELD COORDINATE ALL REQUIREMENTS.
12. COMMUNICATION: EXTEND EXISTING INTERCOM, BELL AND TELECOMMUNICATION SYSTEMS INTO REMODELED SPACES. FIELD COORDINATE ALL REQUIREMENTS.

KEYED NOTES

1. EXISTING CIRCUIT BREAKERS IN PANEL 'F' MADE AVAILABLE DURING DEMOLITION AND / OR NEW WORK. CONNECT NEW CIRCUITS TO EXISTING BREAKERS AS SHOWN ON PLANS. NEW LOADS ARE EQUAL TO OR LESS THAN EXISTING LOADS.
2. FIELD COORDINATE REQUIREMENTS FOR EXISTING HVAC EQUIPMENT BEING FED FROM PANEL 'G'. PROVIDE APPROPRIATE CIRCUIT BREAKER IF EQUIPMENT IS TO BE REUSED OR REPLACED.

EXISTING - RELOCATED — PANEL ' F ' — FAULT CURRENT = 7,646

200 AMP MAIN BREAKER 120 / 208 VOLTS 3-PHASE, 4-WIRE

FEEDER SIZE ALUMINUM: 3" C, 4 #300 PH, #4 GRD FLUSH MOUNTED

LOAD DISTRIBUTION	LTG	REC	MOTOR	DATA	EXTG	HEAT		MISC	PH-A	PH-B	PH-C	TOTAL	AMPS	WITH SPARE	###
CONNECTED VA	4154	10968	696	0	0	0		0	7119	4039	4660	15818	59	19773 VA	74
DIVERSITY FACTOR	125%	96%	100%	100%	65%	100%		100%							
DIVERSIFIED VA	5193	10484	696	0	0	0		0	7246	4308	4819	16373	60	20466 VA	76

PL	T	LOAD	VA	HP	PHW	GND	CON	BKR	PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	L	LTS: ART ROOM	1147		12	12	1/2	20	1 A	1 20	1/2	12	12		720	REC: POTTERY	R	2
3	L	LTS: ART ROOM	1147		12	12	1/2	20	1 B	1 20	1/2	12	12		360	REC: POTTERY SNK	R	4
5	M	AH - 13	0		12	12	1/2	20	3 C	1 20	1/2	12	12		180	REC: POTTERY SNK	R	6
7	M	AH - 13	0						A	1 20	1/2	12	12		1608	SILK SCRN DRYER	R	8
9	M	AH - 13	0						B	1 20	1/2	12	12		720	REC: ART ROOM	R	10
11	R	REC: CLASS ROOM	900		12	12	1/2	20	1 C	1 20	1/2	12	12		900	REC: ART ROOM	R	12
13	R	REC: CLASS ROOM	900		12	12	1/2	20	1 A	1 20	1/2	12	12	1/2	900	REC: ART ROOM	R	14
15	R	REC: CUST / DRINK	360		12	12	1/2	20	1 B	1 20	1/2	12	12		0	REC: ART ROOM	R	16
17	L	LTS: CLASSRM	744		12	12	1/2	20	1 C	1 20	1/2	12	12		540	REC: OFFICE	R	18
19	L	LTS: STORAGE	248		12	12	1/2	20	1 A	1 20	1/2	12	12		900	REC: DARK ROOM	R	20
21	L	LTS: WOOD SHOP	372		12	12	1/2	20	1 B	1 20	1/2	12	12		720	REC: CPU LAB	R	22
23	L	LTS: STORAGE	496		12	12	1/2	20	1 C	1 20	1/2	12	12		720	REC: CPU LAB	R	24
25	M	KILN ROOM FAN	696	1/4	12	12	1/2	20	1 A	3 20	1/2	12	12		0	AH-14	M	26
27	R	REC: CPU LAB	360		12	12	1/2	20	1 B						0		M	28
29	R	REC: CPU LAB - DED	180		12	12	1/2	20	1 C						0		M	30

F — 4/4/2023 — FED FROM PANEL 'MDP' — 23.05 Schedules

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER

Ag Tech — PANEL ' G ' — FAULT CURRENT = 8,030

200 AMP MAIN BREAKER 120 / 208 VOLTS 3-PHASE, 4-WIRE

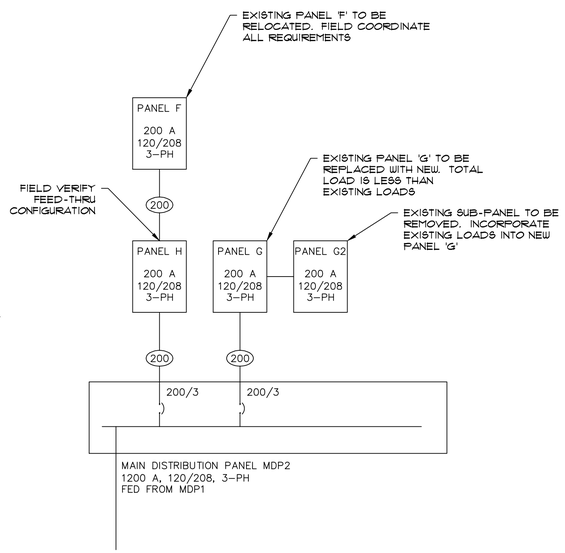
FEEDER SIZE ALUMINUM: 3" C, 4 #300 PH, #4 GRD FLUSH MOUNTED

LOAD DISTRIBUTION	LTG	REC	MOTOR	DATA	EXTG	HEAT		MISC	PH-A	PH-B	PH-C	TOTAL	AMPS	WITH SPARE	25%
CONNECTED VA	0	3420	5000	0	0	0		0	3940	3940	540	8420	33	10525 VA	41
DIVERSITY FACTOR	125%	100%	100%	100%	65%	100%		100%							
DIVERSIFIED VA	0	3420	5000	0	0	0		0	3940	3940	540	8420	33	10525 VA	41

PL	T	LOAD	VA	HP	PHW	GND	CON	BKR	PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	R	REC: East Wall	360		12	12	1/2	20	1 A	2 50	3/4	10	8		2500	MINI-SPLIT	M	2
3	R	REC: East Wall	180		12	12	1/2	20	1 B						2500		M	4
5	R	REC: East Wall	180		12	12	1/2	20	1 C									6
7	R	REC: South Wall	720		12	12	1/2	20	1 A									8
9	R	REC: West Wall	360		12	12	1/2	20	1 B									10
11	R	REC: West Wall	360		12	12	1/2	20	1 C									12
13	R	REC: West Wall	360		12	12	1/2	20	1 A									14
15	R	REC: West Wall	900		12	12	1/2	20	1 B									16
17									C									18
19									A									20
21									B									22
23									C									24
25									A									26
27									B									28
29									C									30
31									A									32
33									B									34
35									C									36
37									A									38
39	L	LIGHT PLUGS	0		12	12	1/2	20	1 B									40
41	L	LIGHT PLUGS	0		12	12	1/2	20	1 C									42

G — 4/4/2023 — FED FROM PANEL 'MDP' — 23.05 Schedules

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER



1 E1 PARTIAL 1-LINE DIAGRAM
120/208 V, 3-PH

HGE ARCHITECTS
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DOUBLE 'E' ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER 65580 OREGON JULY 13, 2004 GREGORY L. PRIDE
EXPIRES 12-31-24

PROJECT NO.: 21.03

HIGH SCHOOL CTE / SHOP REMODEL

COQUILLE SCHOOL DISTRICT

COQUILLE, OREGON

PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

DATE:

SHEET TITLE:

ELECTRICAL PANEL SCHEDULES

E1

HORIZONTAL MECHANICAL PIPE CHASE/TUNNEL

HORIZONTAL MECHANICAL PIPE CHASE/TU

EXISTING HVAC EQUIPMENT CONTROL SYSTEM TO BE REMOVED. FIELD VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR.

REPLACE EXISTING PANEL 'G' AND ASSOCIATED SUB-PANEL WITH ONE SINGLE NEW PANEL 'G'. PROVIDE NEW 200 AMP, 120/208 VOLT, 3-PH, 42-POLE PANEL. FIELD COORDINATE ALL CIRCUITS TO BE RECONNECTED.

DISCONNECT AND CONNECT OVERHEAD DOOR MOTOR TO ACCOMMODATE REPLACEMENT.

EXISTING LIGHT FIXTURES TO BE REMOVED AND REPLACED. EXISTING FIXTURES ARE EQUIPPED WITH CORD AND PLUG.

FIELD VERIFY THAT DUST COLLECTION SYSTEM HAS BEEN DISCONNECTED AND ALL ELECTRICAL COMPONENTS (INCLUDING CONDUCTORS AND CONDUITS WHERE POSSIBLE) HAVE BEEN REMOVED.

DEMO EXISTING EMERGENCY LIGHTING.

WOODSHOP
230

STEEL MATERIAL RACKS

RELOCATE BOOM. EXP. BOLT TO FLOOR & CEILING

CLASSROOM
229

REMOVE AND RELOCATE ELECTRICAL AS ENCOUNTERED TO ACCOMMODATE NEW DOORWAY.

REMOVE AND RELOCATE ELECTRICAL AS ENCOUNTERED TO ACCOMMODATE NEW DOORWAY.

SHELVING

ART STORAGE
238

ELEC. PNL.

EXISTING RECEPTACLE TO BE RELOCATED

EXISTING INTERCOM TO BE RELOCATED

IC

EXISTING WELDING PANEL No. 1 TO REMAIN.

SHELVING

KILN
239

SHELVES

3'-0" CLEAR TYP.

STOR
236B

OFFICE
235

DARKRM
234

DEMO EXISTING LIGHTING AND CONTROLS AS ENCOUNTERED IN STAGING AREA. MAINTAIN CIRCUITS FOR NEW LIGHTS. SEE LIGHTING PLANS

STAGING AREA
228

METAL SHOP
227

DEMO RECEPTACLES AND DATA AS ENCOUNTERED IN OLD YEARBOOK WORKROOM. MAINTAIN CIRCUITS FOR NEW CPU LAB.

YEARBOOK
232

INDUST. ARTS ENTRY
231

GRINDING
227B

(3) GRINDERS

EXIST'G 8'x10' SECTIONAL O.H.

R.R.
233

DMB

DISCONNECT AND REMOVE EXISTING EGRESS LIGHTING FIXTURE. NEW EXIT SIGN REPLACES EMERGENCY LIGHTING FUNCTION.

DEMO EXISTING LIGHTING AND CONTROLS AS ENCOUNTERED IN YEAR BOOK AREA. MAINTAIN CIRCUITS FOR NEW LIGHTS. SEE LIGHTING PLANS

REMOVE EXISTING LIGHT FIXTURES AS ENCOUNTERED IN ENTRY AREA. MAINTAIN CIRCUITS AND CONTROLS FOR NEW LIGHTS. SEE LIGHTING PLANS

RELOCATE EXISTING ELECTRICAL PANEL 'F'. PROVIDE CEILING ACCESS FULL-BOX TO ACCOMMODATE RELOCATION.

COVERED WALK & STORAGE

CLASSROOM AREA ELECTRICAL WORK NOT IN CONTRACT

CTE LOBBY & CPU LAB AREAS ELECTRICAL WORK IS IN CONTRACT

ART
236

DRAWING
237

REFRIG.

LIGHT TABLE

CJ

U.P.

UP

TA

1/E2 ELECTRICAL PLANS - DEMOLITION
SCALE: 1/4" = 1'-0"

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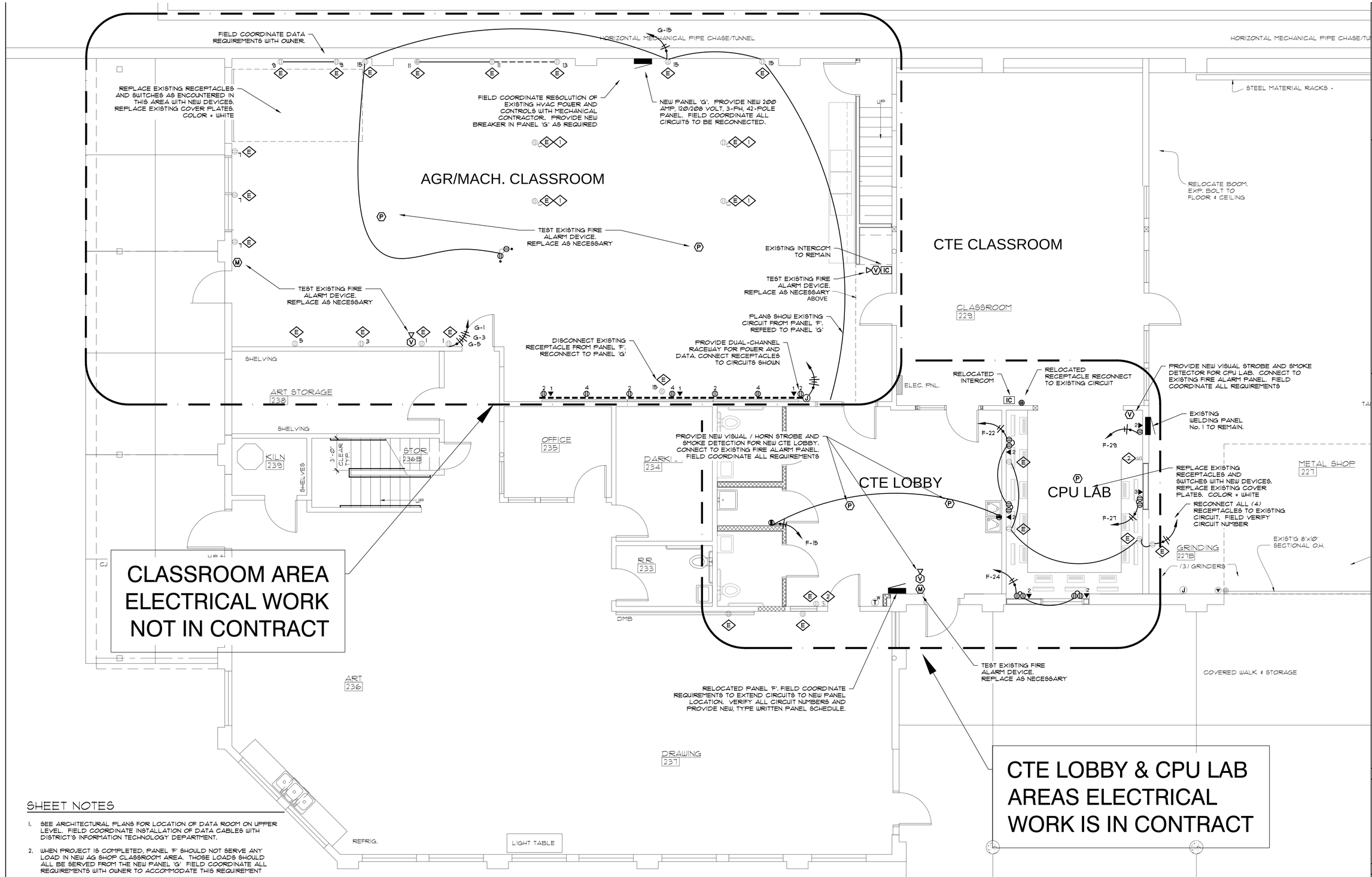
SHEET TITLE:
ELECTRICAL PLANS DEMOLITION

E2



SHEET NOTES

1. SEE ARCHITECTURAL PLANS FOR LOCATION OF DATA ROOM ON UPPER LEVEL. FIELD COORDINATE INSTALLATION OF DATA CABLES WITH DISTRICT'S INFORMATION TECHNOLOGY DEPARTMENT.
2. WHEN PROJECT IS COMPLETED, PANEL 'F' SHOULD NOT SERVE ANY LOAD IN NEW AG SHOP CLASSROOM AREA. THOSE LOADS SHOULD ALL BE SERVED FROM THE NEW PANEL 'G' FIELD COORDINATE ALL REQUIREMENTS WITH OWNER TO ACCOMMODATE THIS REQUIREMENT

KEYED NOTES

- (E) EXISTING DEVICE TO REMAIN.
- (1) PROVIDE CORD REEL AT (4) EXISTING CEILING RECEPTACLES
- (2) REMOVE DEVICE AND PROVIDE BLANK COVER FOR EXISTING DEVICE.
- (3) EXISTING INTERCOM TO BE REMOVED. PROVIDE BLANK COVER PLATE.

1 / E3 ELECTRICAL PLANS - POWER & DATA
SCALE: 1/4" = 1'-0"

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SHEET TITLE:
ELECTRICAL PLANS POWER & DATA

E3

HORIZONTAL MECHANICAL PIPE CHASE/TUNNEL

HORIZONTAL MECHANICAL PIPE CHASE/TU

NEW PANEL 'G'.

REPLACE EXISTING LIGHT FIXTURES WITH NEW. EQUIP NEW FIXTURES WITH APPROPRIATE CORD AND PLUG. TYPICAL OF (13) FIXITURES

AGR/MACH. CLASSROOM

EXISTING PLANS SHOW FIXTURE WITH DUAL CIRCUITS. PLEASE VERIFY PRIOR TO ORDERING SPECIAL DUAL CIRCUIT FIXTURE. NEW EXIT SIGNS SUPPLY EGRESS LIGHTING.

EXISTING PLANS SHOW FIXTURE WITH DUAL CIRCUITS. PLEASE VERIFY PRIOR TO ORDERING SPECIAL DUAL CIRCUIT FIXTURE. NEW EXIT SIGNS SUPPLY EGRESS LIGHTING.

WOODSHOP
230

CTE CLASSROOM

STEEL MATERIAL RACKS

RELOCATE BOOM. EXP. BOLT TO FLOOR & CEILING

LANDING ABOVE

G:39

G:41

REPLACE EXISTING EXIT SIGN WITH NEW EXIT SIGN WITH LED EMERGENCY LIGHT BAR. LITHONIA ECBR LED M6

CLASSROOM
229

REPLACE EXISTING EXIT SIGN WITH NEW EXIT SIGN WITH LED EMERGENCY LIGHT BAR. LITHONIA ECBR LED M6

EXISTING EMERGENCY LIGHTING CIRCUIT

NEW EXIT SIGN ECBR LED M6 CONNECT TO EXISTING EMERGENCY CIRCUIT SERVING THIS AREA

ELEC. PNL.

SHELVING

ART STORAGE
232

SHELVING

KILN
239

SHELVES

3'-0" CLEAR TYP.

STOR
236B

UP

OFFICE
235

DARKRM
234

L22

L24

L24

L24

CTE LOBBY

GRID MOUNT FIXTURES IN THIS AREA

STAGING AREA
228

CPU LAB

SURFACE MOUNT FIXTURES IN THIS AREA

EXISTING WELDING PANEL No. 1 TO REMAIN.

METAL SHOP
227

L14

L24

YEARBOOKS
232

INDUST. ARTS ENTRY
231

L24

GRINDING
227B

(3) GRINDERS

EXIST'G 8'x10' SECTIONAL O.H.

RR
233

L22

CONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THIS AREA. FIELD COORDINATE ALL REQUIREMENTS (TYPICAL OF REMODELED AREAS)

DMB

RELOCATED PANEL 'F'.

FIELD COORDINATE LOCATION OF NEW CONTROL WITH WALL MATERIAL.

REPLACE EXISTING EXIT SIGN WITH NEW EXIT SIGN WITH LED EMERGENCY LIGHT BAR. LITHONIA ECBR LED M6

COVERED WALK & STORAGE

CLASSROOM AREA ELECTRICAL WORK NOT IN CONTRACT

ART
236

CJ

UP

REFRIG.

LIGHT TABLE

CTE LOBBY & CPU LAB AREAS ELECTRICAL WORK IS IN CONTRACT

LIGHT FIXTURE SCHEDULE

P8	TMS LIGHTING FLIRE 5T0F-1D96-35K-1-CIRCUIT-SW-ACC-WC-F05-N OR APPROVED EQUAL. VERIFY THAT FIXTURE IS SUPPLIED WITH CORD & PLUG CONFIGURATION.
L14	LED FLAT PANEL 1x4
L24	LED FLAT PANEL 2x4
L22	LED FLAT PANEL 2x4
X	LED EXIT SIGN WITH EMERGENCY LIGHT BAR LITHONIA ECBR LED M6 OR APPROVED EQUIAL

KEYED NOTES

(E) EXISTING DEVICE TO REMAIN.

(1) LIGHTS - DISCONNECT FROM PANEL 'F' AND RECONNECT LIGHT PLUGS TO PANEL 'G' - SEE SWITCHES FOR CIRCUIT NUMBERS. PROVIDE (13) NEW 8-FOOT LIGHT SUSPENDED FIXTURES WITH CORD AND PLUG, TWO FIXTURES REQUIRE DUAL CIRCUITS (DC OPTION) WITH BATTERY PACKS.

FINELITE SERIES 12 S12 LED ID - DCO - 8' - 4E - B - 835 - 20U80D - 120V - SC - FA - FE - C4 - OBO - OR APPROVED EQUAL.

1 / E4 ELECTRICAL PLANS - LIGHTING
SCALE: 1/4" = 1'-0"

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COQUILLE SCHOOL DISTRICT
COQUILLE, OREGON

PRELIMINARY

REVISIONS:

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SHEET TITLE:
ELECTRICAL PLANS LIGHTING

E4