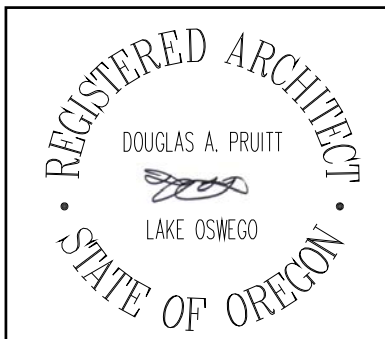


BEAVERTON SCHOOL DISTRICT

TERRA LINDA ELEMENTARY SCHOOL RE-PIPE AND RESTROOM REMODEL



ABBREVIATIONS

(NOT ALL ABBREVIATIONS ARE USED)

4	ANGLE	EXP.	EXPANSION	PL.	PLATE
Z	CENTERLINE	EXT.	EXTERIOR	PLAM	PLASTIC LAMINATE
°	DEGREES	EX(1), OR (E)	EXISTING	PLYWD.	PLYWOOD
0	DIAMETER OR ROUND	F.D.	FLOOR DRAIN	FR.	PAIR
1	PERPENDICULAR	FDN.	FOUNDATION	FT.	FEET
TE	FLATE	F.E.	FIRE EXTINGUISHER	FTD	FIRE TREATMENT
#	ROUND OR NUMBER	F.E.C.	FIRE EXTINGUISHER CAB.	FTD/R	COMBINATION PAPER TOWEL DISPENSER / RECEPTACLE
SQ.	SQUARE	F.H.C.	FIRE HOSE CABINET	FTN.	PARTITION
A.B.	ANCHOR BOLT	FIN.	FINISH	R.	RIB
ACoust.	ACOUSTICAL	FLR.	FLOOR	RAD.	RADIUS
ADJ.	ADJUSTABLE	FLUOR.	FLUORESCENT	R.D.	ROOF DRAIN
A.F.F.	ABOVE FINISH FLOOR	F.O.F.	FACE OF FINISH	REF.	REFRIGERATOR OR REFERENCE
ALT.	ALTERNATE	F.O.F.	FACE OF FINISH	REIN.	REINFORCED
ALUM.	ALUMINUM	F.R.T.	FIRE RETARDANT TREATED	REQD.	REQUIRED
A.N.S.I.	AMERICAN NATIONAL STANDARDS	FT.	FOOT OR FEET	REQMTS.	REQUIREMENTS
ARCH.	ARCHITECTURAL	FTG.	FOOTING	RESIL.	REVERSE
ASPH.	ASPHALT	GA.	GALVANIZED	RM.	ROOM
AV	AUDIO/VIDEO	GALV.	GALVANIZED	R.O.	ROUGH OPENING
BD.	BOARD	GC	GENERAL CONTRACTOR	S.C.	SOLID CORE
BIT.	BITUMINOUS OR BITUMEN	GFCI	GROUND-FAULT CIRCUIT INTERRUPTER	SCD	SEAT COVER DISPENSER
BLDG.	BUILDING	G.L.B.	GLUE LAMINATED BEAM	SCHED.	SCHEDULE
BLK.	BLOCK	G.M.U.	GLASS MASONRY UNIT	SD	SQUAD DISPENSER
BLKG.	BLOCKING	GYP.	GYP.	SECT.	SECTION
BM.	BEAM	H.B.	HOLE BB	S.F. OR SQ. FT.	SQUARE FEET
B.O.	BOTTOM OF	H.C.	HOLLOW CORE	S.G.	SHEATHING
B.O.C.	BOTTOM OF CURB	HDR.	HEADERS	SIM.	SIMILAR
BRNG.	BEARING	H.M.	HOLLOW METAL	SM	SHEET METAL
BTM.	BOTTOM	HORIZ.	HORIZONTAL	SND	SANITARY NAPKIN DISPENSER
CAB.	CABINET	H.R.	HOUR	SNR	SANITARY NAPKIN RECEPTACLE
C.B.	CATCH BASIN	HT.	HEIGHT	SPEC.	SPECIFICATION
C.I.	CAST IRON	I.D.	INSIDE DIAMETER OR INSIDE DIMENSION	SS	STAINLESS STEEL
C.J.	CONTROL JOINT	INSUL.	INSULATION	STL.	STEEL
CL.	CLOSET	INT.	INTERIOR	STOR.	STORAGE
CLG.	CEILING	JT.	JOINT	STRUCT.	STRUCTURAL
CLF.	CLEAR	LT.	LIGHT	SUSP.	SUSPENDED
CMU	CONCRETE MASONRY UNIT	LAM.	LAMINATE	T.	THREAD
CO	CLEANOUT	LAV.	LAVATORY	T&G	TONGUE AND GROOVE
COL.	COLUMN	LT.	LIGHT	TEL.	TELEPHONE
CONC.	CONCRETE	MAX.	MAXIMUM	TEMP.	TEMPERED
CONN.	CONNECT OR CONNECTION	M.B.	MACHINE BOLT	T.O.	TOP OF
CONST.	CONSTRUCTION	M.D.O.	MEDIUM DENSITY OVERLAY	T.O.C.	TOP OF CURB
CONT.	CONTIGUOUS	M.E.C.	MISCELLANEOUS	T.O.F.	TOP OF FINISH
COORD.	COORDINATE	M.O.	MASONRY OPENING	T.O.W.	TOP OF WALL
CORR.	CORROSION	MOD. BIT.	MODIFIED BITUMEN	TPD	TOILET PAPER DISPENSER
CTR.	CENTER	MTL.	METAL	T.S.	TUBE STEEL
CUST.	CUSTOM	MFR. OR MANUF.	MANUFACTURER	TYP.	TYPICAL
DBL.	DOUBLE	M.H.	MAN HOLE	U.B.C.	UNIFORM BUILDING CODE
D.F.	DRAINING FOUNTAIN	MISC.	MISCELLANEOUS	U.O.N.	UNLESS OTHERWISE NOTED
DIA.	DIAMETER	MISC.	MISCELLANEOUS	VERT.	VERTICAL
DIAG.	DIAGONAL	M.O.	MASONRY OPENING	VEST.	VESTIBULE
DM.	DIMENSION	MOD. BIT.	MODIFIED BITUMEN	V.P.	VENEER PLASTER
DISP.	DISPENSER	MTL.	METAL	W/	WITH
DN.	DOWN	(N)	NEW	W.C.	WATER CLOSET
D.R.	DOOR	N.I.C.	NOT IN CONTRACT	WD.	WOOD
DS	DOWNSPOUT	NO. OR #	NUMBER	WH.	WATER HEATER
DTL.	DETAIL	NOM.	NOMINAL	WO	WITHOUT
DWG.	DRAWING	N.T.S.	NOT TO SCALE	WTF.	WATERPROOF
EU	EXPANSION JOINT	O.C.	ON CENTER	WT.	WEIGHT
EL.	ELEVATION	O.D.	OUTSIDE DIAMETER		
ELEC.	ELECTRICAL	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED		
ELEV.	ELEVATOR	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED		
EQ.	EQUAL	OPNG.	OPENING		
		OPP.	OPPOSITE		
		O.S.S.C.	OREGON STRUCTURAL SPECIALTY CODE		

GENERAL NOTES

- COORDINATE ALL WORK WITH THE DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- CONTRACTOR AND SUB-CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS, LOCATIONS, AND PROJECT REQUIREMENTS PRIOR TO SUBMITTING A BID.
- CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY DIMENSIONS, AND FAMILIARIZE THEMSELVES WITH PROJECT REQUIREMENTS PRIOR TO COMMENCING WITH THE WORK. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO ARCHITECT.
- WORK SHALL INCLUDE ALL REQUIRED PERMITS, LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE ALL WORK INDICATED ON DRAWINGS AND SPECIFICATIONS.
- PROVIDE TEMPORARY DUST-PROOF PARTITIONS AS REQUIRED TO PROTECT ALL EXISTING AREAS AND EQUIPMENT FROM DAMAGE DUE TO DEMOLITION OR NEW CONSTRUCTION ACTIVITIES. COORDINATE LOCATIONS AND REQUIREMENTS WITH OWNER.
- GENERAL CONTRACTOR TO PATCH, REPAIR AND PAINT (REFINISH) SURFACES AND BUILDING ELEMENTS DAMAGED BY MECHANICAL, ELECTRICAL, AND PLUMBING WORK AND WHERE ITEMS ARE REMOVED, RELOCATED OR ADDED.
- REPAIR FLOORS WHERE DAMAGED BY THE WORK OF THIS PROJECT.
- PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING WHERE ITEMS ARE REMOVED OR ALTERED - FIELD VERIFY EXTENT REQUIRED.
- ALL PAINTING SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ADJACENT FINISHES AND CLEANUP.
- CONTRACTOR IS RESPONSIBLE FOR FINAL CLEAN-UP OF WORK AREAS AND ALL EXPOSED BUILDING SURFACES AT SUBSTANTIAL COMPLETION.
- ALL TRASH AND TOOLS SHALL BE REMOVED FROM PREMISES EACH DAY AND THE AREA LEFT CLEAN WHENEVER UNATTENDED. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP. COORDINATE WITH OWNER IF SECURE STORAGE IS NEEDED ONSITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO FINISHED SURFACES, EQUIPMENT, FURNITURE, EXISTING MATERIALS OR FINISHES, CAUSED AS A RESULT OF HIS WORK. REPAIR OR REPLACE DAMAGED ITEMS AS DIRECTED BY ARCHITECT.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
- WORK SHALL BE DONE BY THOSE SKILLED AND EXPERIENCED IN THEIR RESPECTIVE TRADES. WORK SHALL BE OF THE HIGHEST QUALITY WORKMANSHIP.

CONTACTS

OWNER

BEAVERTON SCHOOL DISTRICT
CENTRAL ADMINISTRATION CENTER
16550 SOUTHWEST MERLO ROAD
BEAVERTON, OREGON 97006
PHONE: (503) 356-4318
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BBL ARCHITECTS
200 NORTH STATE STREET
LAKE OSWEGO, OREGON 97034
PHONE: (503) 635-4425 FAX: (503) 635-3581
CONTACT: DOUG PRUITT

MECHANICAL / PLUMBING / ELECTRICAL ENGINEER

SYSTEM DESIGN CONSULTANTS
333 SOUTHEAST SECOND AVENUE, SUITE 100
PORTLAND, OREGON 97214
PHONE: (503) 248-0221 FAX: (503) 248-0240
CONTACT: GARY BARNES (MECHANICAL)
CONTACT: NEIL BOYER (PLUMBING)
CONTACT: JOHN ROGERS (ELECTRICAL)

ASBESTOS ABATEMENT

PBS ENGINEERING AND ENVIRONMENTAL INC.
4412 SW CORBETT AVENUE
PORTLAND, OREGON 97239
PHONE: (503) 248-1939
CONTACT: RICH DUFRESNE

DRAWING INDEX

GENERAL

G1 - TITLE SHEET
G2 - CODE PLAN

HAZARDOUS ABATEMENT

HMI - ASBESTOS ABATEMENT PLAN

ARCHITECTURAL

D1.1 - DEMOLITION FLOOR PLAN
D1.2 - DEMOLITION REFLECTED CEILING PLAN
A1.1 - FLOOR PLAN
A1.2 - REFLECTED CEILING PLAN
A4.1 - ENLARGED FLOOR PLANS
A4.2 - ROOM FINISH SCHEDULE
A4.3 - INTERIOR ELEVATIONS
A5.1 - DETAILS

PLUMBING

P0.1 - SCHEDULES
P1.1 - PLUMBING DEMO FLOOR PLAN
P1.2 - PLUMBING DEMO FLOOR PLAN
P1.3 - PLUMBING DEMO FLOOR PLAN
P1.4 - PLUMBING DEMO FLOOR PLAN
P1.5 - PLUMBING DEMO FLOOR PLAN
P2.1 - PLUMBING FLOOR PLAN
P2.2 - PLUMBING FLOOR PLAN
P2.3 - PLUMBING FLOOR PLAN
P2.4 - PLUMBING FLOOR PLAN
P2.5 - PLUMBING FLOOR PLAN
P3.1 - PLUMBING DETAILS

ELECTRICAL

E1.1 - ELECTRICAL OVERALL PLAN, LIGHTING PLANS

STANDARD SYMBOLS

	EXTERIOR ELEVATION TAG		DOOR TAG
	BUILDING SECTION FLAG - DIRECTION FLAG OMITTED		KEYNOTE TAG
	WALL SECTION FLAG - DIRECTION FLAG MAY BE OMITTED		SHEET NOTE TAG
	INTERIOR ELEVATION TAG		DEMOLITION NOTE TAG
	DETAIL FLAG		REVISION TAG
	DETAIL CALLOUT		WINDOW TYPE TAG
	NORTH ARROW		WALL TYPE TAG
	GRID BUBBLE & GRID LINE		CEILING HEIGHT TAG
			FLOOR PLAN ROOM LABEL & NUMBER
			ELEVATION TAG



LOCATION MAP
N.T.S.



VICINITY MAP
N.T.S.

BEAVERTON
SCHOOL DISTRICT

BBL ARCHITECTS
ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN
200 North State Street ■ Lake Oswego, Oregon 97034

BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
AND RESTROOM REMODEL
1908 NW 143RD AVENUE, PORTLAND, OREGON 97229

LINE IS 2 INCHES
AT FULL SCALE
(IF NOT 2 INCHES THEN
SCALE ACCORDINGLY)

date: 6 JAN 2020
drawn by: DV
checked: DP
BID SET

job no.: 19036.00.L

Sheet

G1

CODE SUMMARY

APPLICABLE CODE 2019 OSSC

BUILDING CONSTRUCTION DATA (BY BUILDING)

BUILDING 1			
CONSTRUCTION TYPE	VB (UNCHANGED)	HAZARDOUS MATERIALS	NO
BUILDING HEIGHT	(EXISTING UNCHANGED)	SPECIAL INSPECTION	NO
MAXIMUM ALLOWABLE BUILDING HEIGHT	40'	FIRE ALARM	YES
		SPRINKLER	NO
		STAND PIPE	NO
NUMBER OF STORIES	1 (UNCHANGED)		
BASEMENT	NO		
MAXIMUM ALLOWABLE NUMBER OF STORIES	1		
OCCUPANCY GROUP(S)	E (UNCHANGED)		
FLOOR AREA:			
AREA MODIFICATION (SECTION 506.2)			
$I_F = 100 \left[\frac{F}{F} - 0.25 \right] \frac{W}{30} = 100 \left[\frac{650}{125} - 0.25 \right] \frac{30}{30} = 65$			
$A_A = A_T + \left[\frac{A_I}{100} \right] + \left[\frac{A_{I_s}}{100} \right] = 9,500 + \left[\frac{9,500 \times 65}{100} \right] + \left[\frac{9,500 \times 0}{100} \right] = 15,675$			
TOTAL FLOOR AREA	11,687 SF		
MAXIMUM ALLOWABLE FLOOR AREA	15,675 SF	(OK)	

BUILDING 2			
CONSTRUCTION TYPE	VB (UNCHANGED)	HAZARDOUS MATERIALS	NO
BUILDING HEIGHT	(EXISTING UNCHANGED)	SPECIAL INSPECTION	NO
MAXIMUM ALLOWABLE BUILDING HEIGHT	40'	FIRE ALARM	YES
		SPRINKLER	NO
		STAND PIPE	NO
NUMBER OF STORIES	1 (UNCHANGED)		
BASEMENT	NO		
MAXIMUM ALLOWABLE NUMBER OF STORIES	1		
OCCUPANCY GROUP(S)	E (UNCHANGED)		
FLOOR AREA:			
AREA MODIFICATION (SECTION 506.2)			
$I_F = 100 \left[\frac{F}{F} - 0.25 \right] \frac{W}{30} = 100 \left[\frac{600}{100} - 0.25 \right] \frac{30}{30} = 61$			
$A_A = A_T + \left[\frac{A_I}{100} \right] + \left[\frac{A_{I_s}}{100} \right] = 9,500 + \left[\frac{9,500 \times 61}{100} \right] + \left[\frac{9,500 \times 0}{100} \right] = 15,295$			
TOTAL FLOOR AREA	15,806 SF		
MAXIMUM ALLOWABLE FLOOR AREA	15,295 SF *	(OK)	
* ACTUAL FLOOR AREA EXCEEDS THE MAXIMUM ALLOWABLE FLOOR AREA. HOWEVER, THIS IS AN EXISTING CONDITION AND NO ADDITIONAL FLOOR AREA IS PROPOSED AS PART OF THIS PROJECT			

BUILDING 3			
CONSTRUCTION TYPE	VB (UNCHANGED)	HAZARDOUS MATERIALS	NO
BUILDING HEIGHT	(EXISTING UNCHANGED)	SPECIAL INSPECTION	NO
MAXIMUM ALLOWABLE BUILDING HEIGHT	40'	FIRE ALARM	YES
		SPRINKLER	NO
		STAND PIPE	NO
NUMBER OF STORIES	1 (UNCHANGED)		
BASEMENT	NO		
MAXIMUM ALLOWABLE NUMBER OF STORIES	1		
OCCUPANCY GROUP(S)	E (UNCHANGED)		
FLOOR AREA:			
AREA MODIFICATION (SECTION 506.2)			
$I_F = 100 \left[\frac{F}{F} - 0.25 \right] \frac{W}{30} = 100 \left[\frac{500}{525} - 0.25 \right] \frac{30}{30} = 70$			
$A_A = A_T + \left[\frac{A_I}{100} \right] + \left[\frac{A_{I_s}}{100} \right] = 9,500 + \left[\frac{9,500 \times 70}{100} \right] + \left[\frac{9,500 \times 0}{100} \right] = 16,150$			
TOTAL FLOOR AREA	16,134 SF		
MAXIMUM ALLOWABLE FLOOR AREA	16,150 SF *	(OK)	
* ACTUAL FLOOR AREA EXCEEDS THE MAXIMUM ALLOWABLE FLOOR AREA. HOWEVER, THIS IS AN EXISTING CONDITION AND NO ADDITIONAL FLOOR AREA IS PROPOSED AS PART OF THIS PROJECT			

BUILDING 4			
CONSTRUCTION TYPE	VB (UNCHANGED)	HAZARDOUS MATERIALS	NO
BUILDING HEIGHT	(EXISTING UNCHANGED)	SPECIAL INSPECTION	NO
MAXIMUM ALLOWABLE BUILDING HEIGHT	40'	FIRE ALARM	YES
		SPRINKLER	NO
		STAND PIPE	NO
NUMBER OF STORIES	1 (UNCHANGED)		
BASEMENT	NO		
MAXIMUM ALLOWABLE NUMBER OF STORIES	1		
OCCUPANCY GROUP(S)	E (UNCHANGED)		
FLOOR AREA:			
TOTAL FLOOR AREA	4,533 SF		
MAXIMUM ALLOWABLE FLOOR AREA	9,500 SF	(OK)	

BUILDING 5			
CONSTRUCTION TYPE	VB (UNCHANGED)	HAZARDOUS MATERIALS	NO
BUILDING HEIGHT	(EXISTING UNCHANGED)	SPECIAL INSPECTION	NO
MAXIMUM ALLOWABLE BUILDING HEIGHT	40'	FIRE ALARM	YES
		SPRINKLER	NO
		STAND PIPE	NO
NUMBER OF STORIES	1 (UNCHANGED)		
BASEMENT	NO		
MAXIMUM ALLOWABLE NUMBER OF STORIES	1		
OCCUPANCY GROUP(S)	E (UNCHANGED)		
FLOOR AREA:			
TOTAL FLOOR AREA	1,431 SF		
MAXIMUM ALLOWABLE FLOOR AREA*	9,500 SF	(OK)	

FIRE RESISTING BUILDING REQUIREMENTS IBC TABLE 601

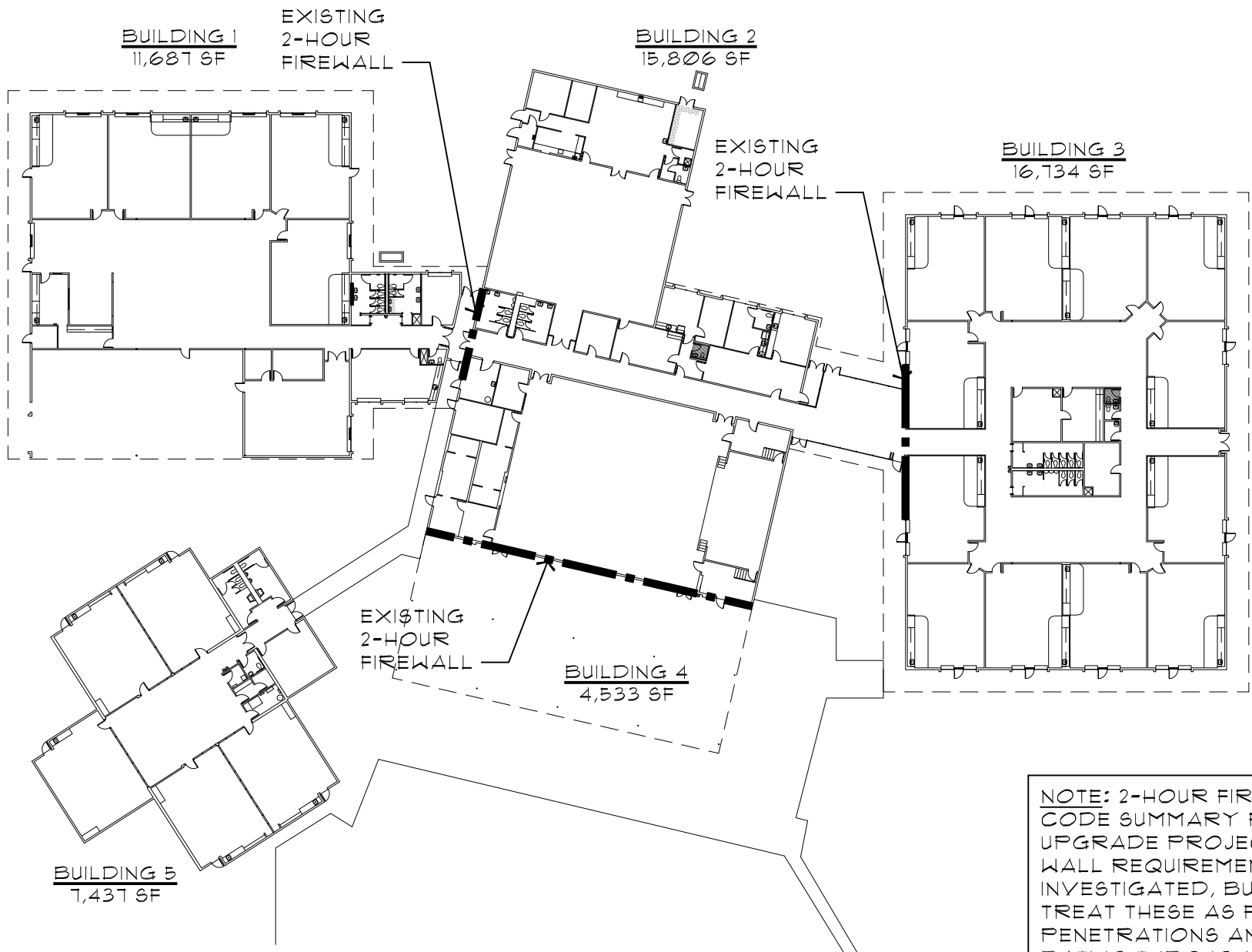
BUILDING ELEMENT	CONST. TYPE VB
STRUCTURAL FRAME	0HR
EXTERIOR BEARING WALLS	0HR
INTERIOR BEARING WALLS	0HR
EXTERIOR NONBEARING WALLS AND PARTITIONS	PER TBL 602*
INTERIOR BEARING WALLS AND PARTITIONS	0HR
FLOOR	0HR
ROOF	0HR

* WHERE SEPARATION DISTANCE IS 10 FEET OR LESS, EXTERIOR NONBEARING WALLS AND PARTITIONS ARE REQUIRED TO BE 1-HOUR RATED. WHERE SEPARATION DISTANCE IS GREATER THAN 10 FEET, EXTERIOR NONBEARING WALLS AND PARTITIONS ARE NOT REQUIRED TO BE FIRE RATED

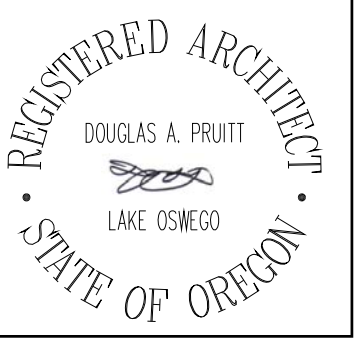
TABLE 602 - FIRE RESISTANCE RATING (FIRE SEPARATION DISTANCE)

WALL LOCATION	DISTANCE FROM PROPERTY LINE	EXTERIOR WALL FIRE RATING
FRONT YARD (E)	30+ FEET	0HR
SIDE YARD (N)	30+ FEET	0HR
SIDE YARD (S)	30+ FEET	0HR
REAR YARD (W)	30+ FEET	0HR

PLUMBING FIXTURE COUNT (CHAPTER 29) - MINIMUM NUMBER OF REQUIRED FIXTURES:			
CLASSIFICATION (OCCUPANCY) - EDUCATION/CLASSROOMS (E):	AREA 22,560 SF	OCC. LOAD PER SF 20	OCCUPANTS 1,128
ACCESSORY USES - STORAGE:	1,824 SF	300	6
OFFICE (INCL. RESTROOMS):	2,585 SF	150	18
ASSEMBLY USES (A3) - CAFETERIA:	3,241 SF	15	216
GYMNASIUM:	4,943 SF	50	99
EDUCATION/LIBRARY:	3,036 SF	50	61
ACCESSORY USES - KITCHEN:	1,474 SF	200	8
EXEMPT SPACES (INCL. CIRCULATION, WALLS, ETC.):	16,534 SF	EXEMPT	-
TOTAL OCCUPANTS:			1,536
(EDUCATION: 1,152 OCCUPANTS) (ASSEMBLY: 384 OCCUPANTS)			
TABLE 2902.1 - MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES:			
USE REQUIRED -	EDUCATIONAL(E) BOTH MALE AND FEMALE	ASSEMBLY(A3) MALE FEMALE	
- WATER CLS'S (URINAL = 1/2 WC):	1 PER 50	1 PER 125	1 PER 65
- LAVATORIES:	1 PER 50	1 PER 200	1 PER 200
- DRINKING FOUNTAINS:	1 PER FLOOR	1 PER FLOOR	
OCCUPANT COUNT			
MALES:	168 TOTAL OCC.	576 M - EDUCATIONAL	192 M - ASSEMBLY
FEMALES:	168 TOTAL OCC.	576 F - EDUCATIONAL	192 F - ASSEMBLY
FIXTURE COUNTS			
WATER CLOSETS	REQUIRED	EXISTING	REMOVED/ADDED
- MALE:	14	9	6/5
(+ URINAL = 1/2 WC):	0	13	6/2
- FEMALE:	15	19	13/9
- UNISEX RR's:	0	7	0/0
TOTAL WCs:			36 WCs
LAVATORIES (NOTE: WASH FOUNTAINS (WF) = 3 LAV's)			
- MALE:	13	13 (4 + 3 WFs)	8/4
- FEMALE:	13	13 (4 + 3 WFs)	8/4
- UNISEX RR's:	0	7	0/0
- CLASS RM/BREAK RM:	0	28	0/0
- SERVICE (KITCHEN, ETC.):	0	4	0/0
TOTAL LAV's:			57
JANITOR SINKS:	0	4	4/4
SHOWERS:	0	4	0/1
EYE WASH STATIONS:	0	1	0/0
DISH WASHERS:			1
DRINKING FOUNTAINS:	1	5	2/3
			6



NOTE: 2-HOUR FIRE WALLS ARE BASED ON THE CODE SUMMARY FROM THE 2011 SECURITY UPGRADE PROJECT. CONFORMANCE WITH THE WALL REQUIREMENTS HAS NOT BEEN INVESTIGATED, BUT THE CONTRACTOR SHALL TREAT THESE AS FIRE WALLS WHEN MAKING PENETRATIONS AND SHALL NOT REDUCE THE FIRE RATING THROUGH CONSTRUCTION ACTIVITIES.





GENERAL NOTES

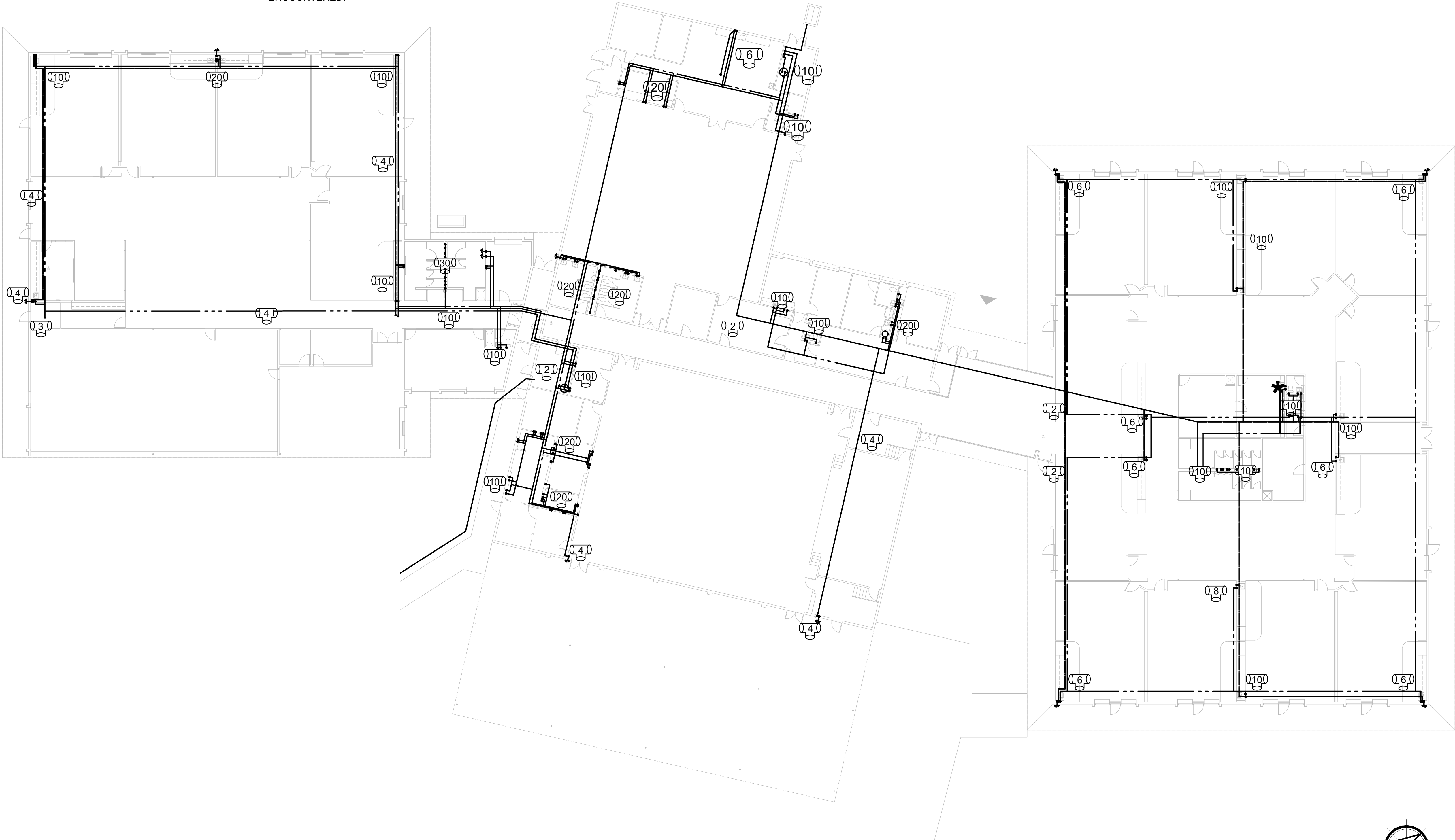
1. THIS DRAWING IS DIAGRAMMATIC AND SHOULD BE USED FOR GENERAL MATERIAL AND ABATEMENT INFORMATION ONLY. HARD FITTING LOCATION INFORMATION IS APPROXIMATE AND PROVIDED FOR REFERENCE ONLY; ACTUAL QUANTITIES AND LOCATIONS WILL VARY. CONTRACTOR IS TO FIELD VERIFY ALL MATERIAL LOCATIONS, SITE CONDITIONS AND QUANTITIES.
2. REFER TO THE ASSOCIATED PRE-RENOVATION HAZARDOUS BUILDING MATERIALS SURVEY REPORT, PBS ENGINEERING AND ENVIRONMENTAL, AUGUST 2019 FOR ADDITIONAL ASBESTOS-CONTAINING BUILDING MATERIAL INFORMATION.
3. IF SUSPECT MATERIALS ARE ENCOUNTERED DURING DEMOLITION ACTIVITIES THAT ARE NOT IDENTIFIED ON THE PRECEDING SURVEY REPORT, THESE DRAWINGS OR SPECIFICATIONS, STOP WORK AND CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT.

ASBESTOS ABATEMENT NOTES

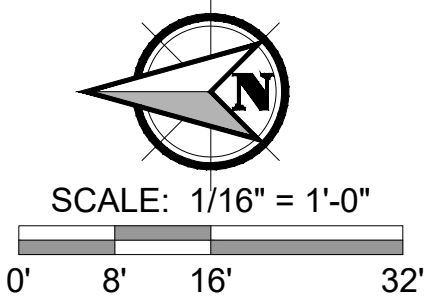
1. PERFORM ALL ASBESTOS ABATEMENT IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 13.
2. JOINT COMPOUND LOCATED THROUGHOUT THE A-WING CONTAINS LESS THAN ONE-PERCENT ASBESTOS. PERFORM ALL SELECTIVE DEMOLITION IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 21.
3. HARD FITTINGS MAY BE REMOVED USING WRAP AND CUT REMOVAL METHODS.
4. MOLD MAY BE PRESENT INSIDE WET-WALLS OR OTHER LOCATIONS. IF MOLD OR FUNGAL GROWTH IS ENCOUNTERED DURING CONSTRUCTION, STOP WORK AND CONTACT THE PROJECT MANAGER OR ENVIRONMENTAL CONSULTANT FOR EVALUATION. MOLD REMEDIATION MAY BE NECESSARY IF ENCOUNTERED.

LEGEND

- | | |
|---|--|
|  | APPROXIMATE NUMBER AND LOCATION OF ASBESTOS-CONTAINING HARD FITTINGS ON FIBERGLASS TO BE REMOVED |
|  | ASBESTOS-CONTAINING SINK UNDERCOATING TO BE REMOVED |




FIRST FLOOR PLAN

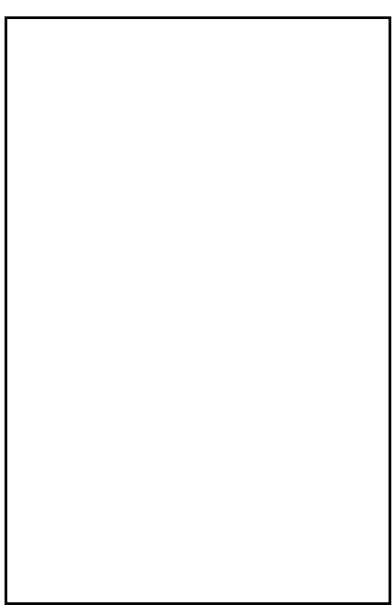
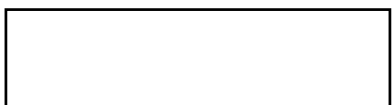


PREPARED FOR: BEAVERTON SCHOOL DISTRICT

[illegible]

DRAWN BY JAB
CHECKED: RD
DATE: 8 JANUARY 2020
PROJECT NUMBER: 23816.251
SHEET DRAWING NO: HM1
SHEET 1 OF 1

- REGISTERED ARCHITECT
DOUGLAS A. PRUITT

LAKE OSWEGO
STATE OF OREGON



BBL ARCHITECTS
ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN
200 North State Street ■ Lake Oswego, Oregon 97034

BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
AND RESTROOM REMODEL
1998 NW 143RD AVENUE, PORTLAND, OREGON
97229

LINE IS 2 INCHES
AT FULL SCALE
(IF NOT 2 INCHES THEN
SCALE ACCORDINGLY)

date: 6 JAN 2020
drawn by: DV
checked: DP
BID SET

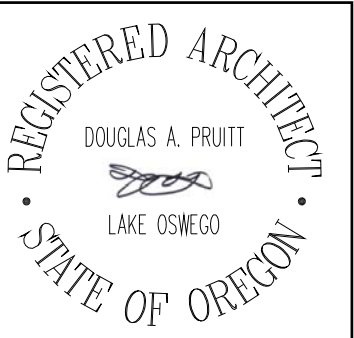
job no.: 19036.00.L

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ASBESTOS ABATEMENT NOTE

ALL PIPING AND FITTINGS TO BE REMOVED BY ASBESTOS ABATEMENT CONTRACTOR - SEE PLUMBING DRAWINGS AND ASBESTOS ABATEMENT DRAWINGS FOR ALL PIPE REMOVAL INFORMATION.



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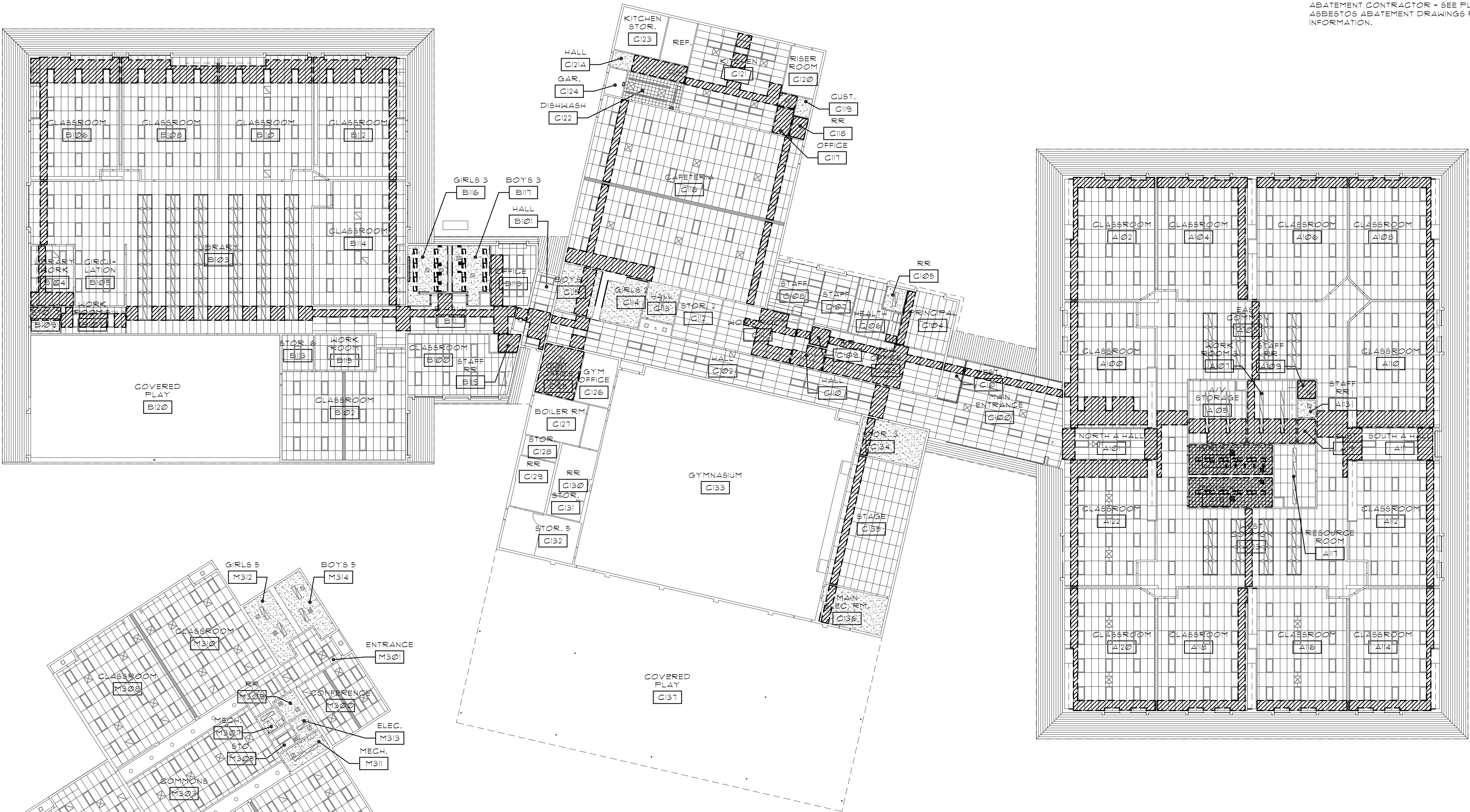
BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
AND RESTROOM REMODEL
1908 NW 143RD AVENUE, PORTLAND, OREGON 97229

LINE IS 2 INCHES
AT FULL SCALE
(IF NOT 2 INCHES THEN
SCALE ACCORDINGLY)

date: 6 JAN 2020
drawn by: DV
checked: DP
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job no.: 19036.00.L

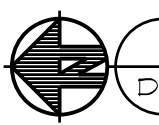
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DEMOLITION REFLECTED CEILING PLAN LEGEND

- | | | | |
|--|--|--|--|
| | EXIST. SUPPLY AIR GRILLE TO REMAIN | | EXIST. LIGHT FIXTURE TO BE REMOVED |
| | EXIST. RETURN AIR GRILLE TO REMAIN | | EXIST. SUPPLY AIR GRILLE TO BE REMOVED |
| | EXIST. WALL TO REMAIN | | EXIST. RETURN AIR GRILLE TO BE REMOVED |
| | EXIST. LIGHT FIXTURE TO REMAIN | | |
| | EXIST. 2' X 4' ACOUSTIC CEILING TILE GRID TO REMAIN | | |
| | EXIST. GYP. BD. CEILING TO REMAIN | | |
| | EXIST. 2' X 4' ACOUSTIC CEILING TILES TO BE REMOVED - GRID TO REMAIN - PROTECT | | |
| | EXIST. GYP. BD. CEILING TO BE REMOVED | | |
| | EXIST. 12'X12' GLUE-UP ACOUSTIC TILE CEILING TILE AND BACKER BOARD SUBSTRATE TO BE REMOVED | | |

PLAN NORTH
(FOR BUILDING M)



DEMOLITION REFLECTED CEILING PLAN

1/16" = 1'-0"

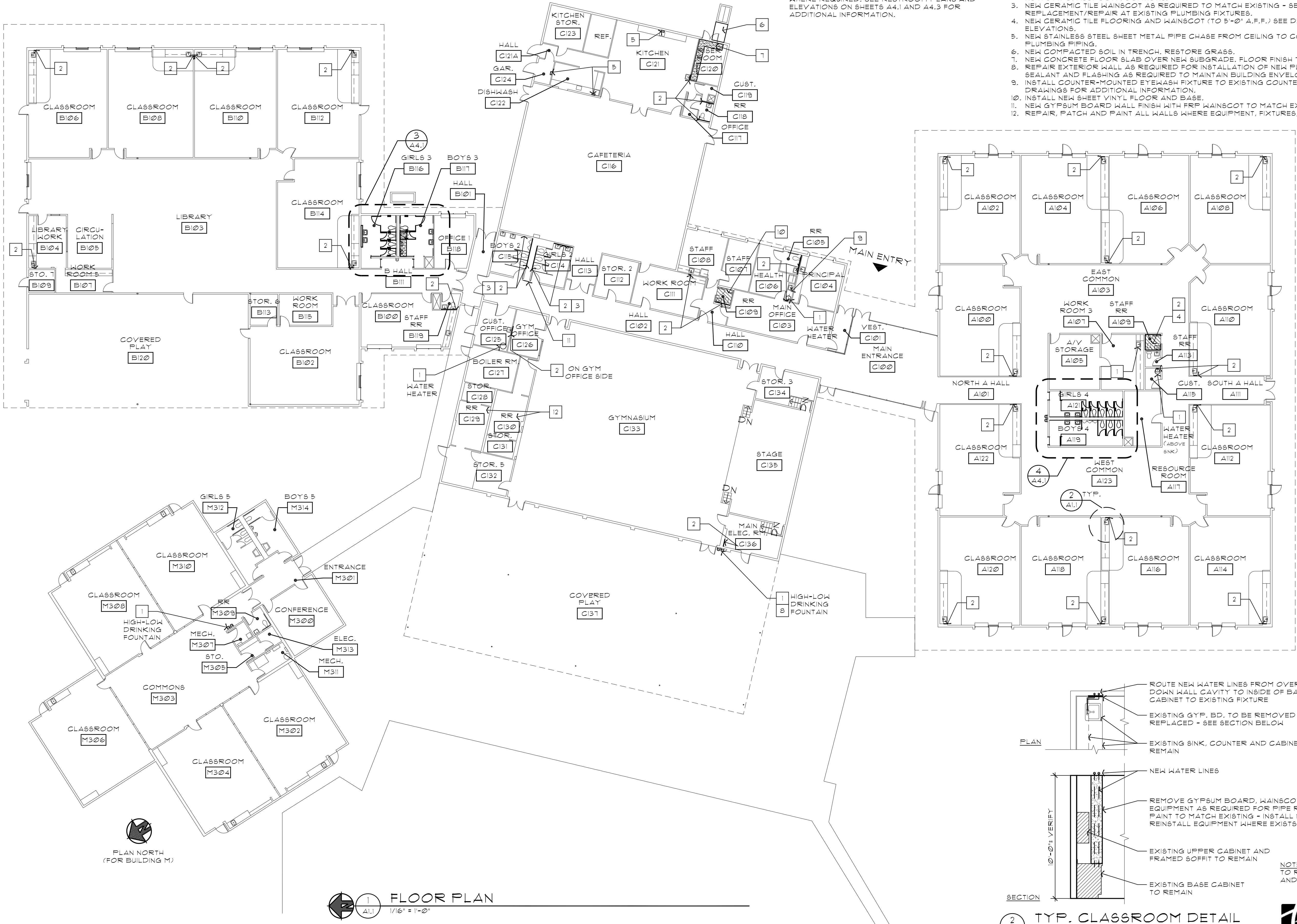


GENERAL NOTES

TOILET ACCESSORIES - ALL TOILET ACCESSORIES TO BE PROTECTED DURING CONSTRUCTION AND REMOVED/REINSTALLED WHERE REQUIRED. SEE RESTROOM PLANS AND ELEVATIONS ON SHEETS A4.1 AND A4.3 FOR ADDITIONAL INFORMATION.

SHEET NOTES

1. NEW PLUMBING FIXTURE - SEE PLUMBING DRAWINGS.
2. NEW GYPSUM BOARD WALL FINISH TO MATCH EXISTING - PAINT - PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS. SEE DETAIL 2/A1.1 FOR ADDITIONAL INFORMATION / NOTES AT CLASSROOM LOCATIONS.
3. NEW CERAMIC TILE WAINSCOT AS REQUIRED TO MATCH EXISTING - SEE DETAIL 8/A4.3 FOR TILE REPLACEMENT/REPAIR AT EXISTING PLUMBING FIXTURES.
4. NEW CERAMIC TILE FLOORING AND WAINSCOT (TO 5'-0" A.F.F.) SEE DETAIL 4/A4.3 FOR INTERIOR ELEVATIONS.
5. NEW STAINLESS STEEL SHEET METAL PIPE CHASE FROM CEILING TO COUNTER TO CONCEAL NEW PLUMBING PIPING.
6. NEW COMPACTED SOIL IN TRENCH. RESTORE GRASS.
7. NEW CONCRETE FLOOR SLAB OVER NEW SUBGRADE. FLOOR FINISH TO BE SEALED CONCRETE.
8. REPAIR EXTERIOR WALL AS REQUIRED FOR INSTALLATION OF NEW PLUMBING FIXTURE. PROVIDE SEALANT AND FLASHING AS REQUIRED TO MAINTAIN BUILDING ENVELOPE.
9. INSTALL COUNTER-MOUNTED EYEWASH FIXTURE TO EXISTING COUNTER - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
10. INSTALL NEW SHEET VINYL FLOOR AND BASE.
11. NEW GYPSUM BOARD WALL FINISH WITH FRP WAINSCOT TO MATCH EXISTING ADJACENT FINISH.
12. REPAIR, PATCH AND PAINT ALL WALLS WHERE EQUIPMENT, FIXTURES, ETC. HAVE BEEN REMOVED.



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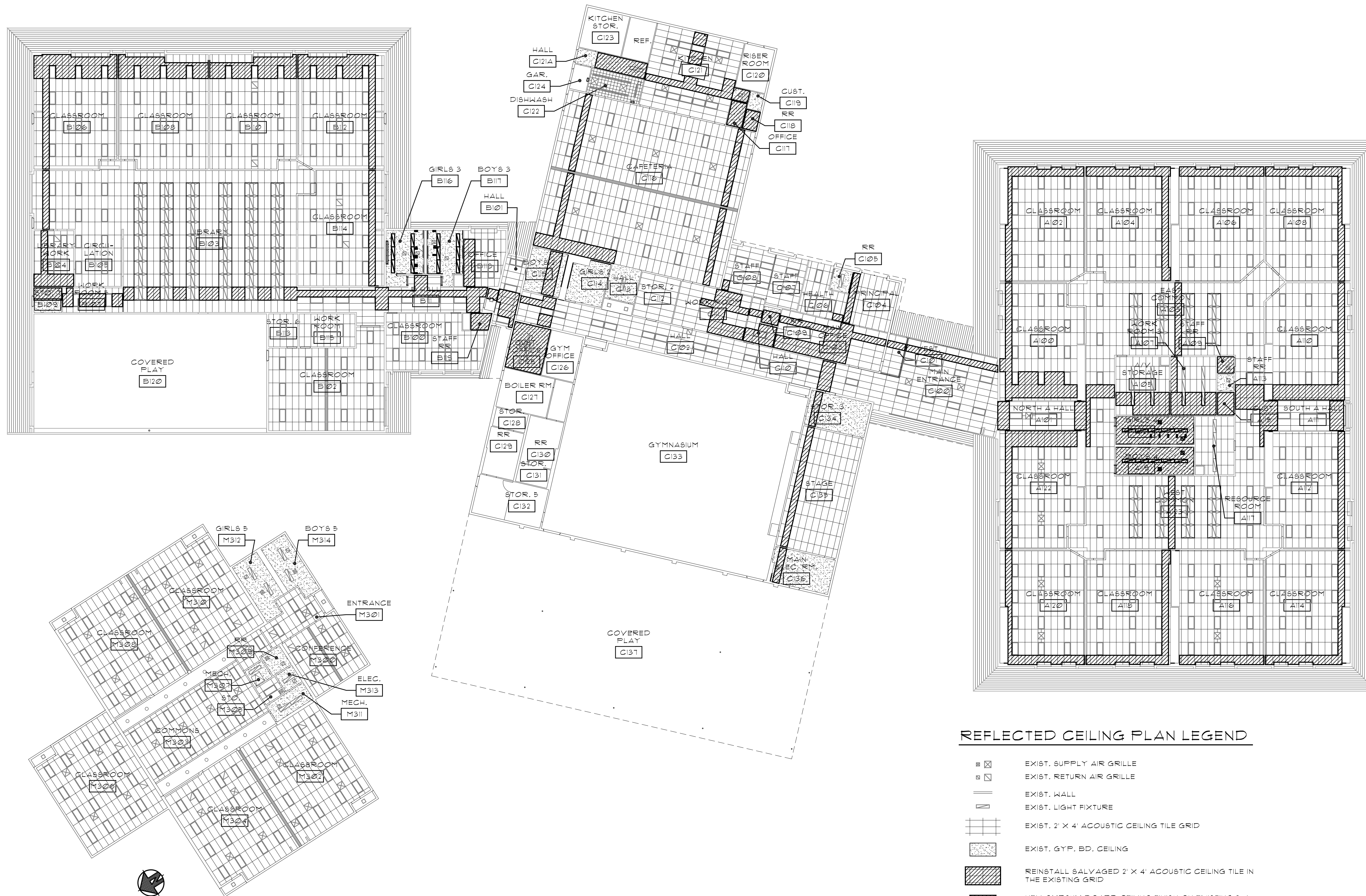
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Sheet
A1.1

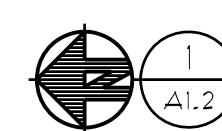




REFLECTED CEILING PLAN LEGEND

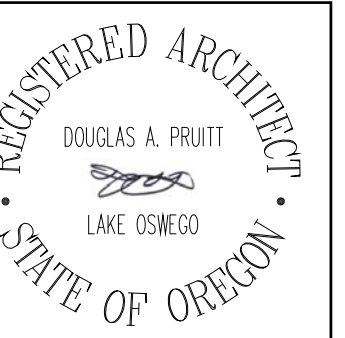
- EXIST. SUPPLY AIR GRILLE
- EXIST. RETURN AIR GRILLE
- EXIST. WALL
- EXIST. LIGHT FIXTURE
- EXIST. 2' X 4' ACOUSTIC CEILING TILE GRID
- EXIST. GYP. BD. CEILING
- REINSTALL SALVAGED 2' X 4' ACOUSTIC CEILING TILE IN THE EXISTING GRID
- NEW GYPSUM BOARD CEILING FINISH ON EXISTING 2x4 WOOD FRAMING AT 16" O.C.
- NEW LED LIGHT FIXTURE
- NEW SUPPLY AIR GRILLE
- NEW RETURN AIR GRILLE

PLAN NORTH
(FOR BUILDING M)



REFLECTED CEILING PLAN

1/16" = 1'-0"



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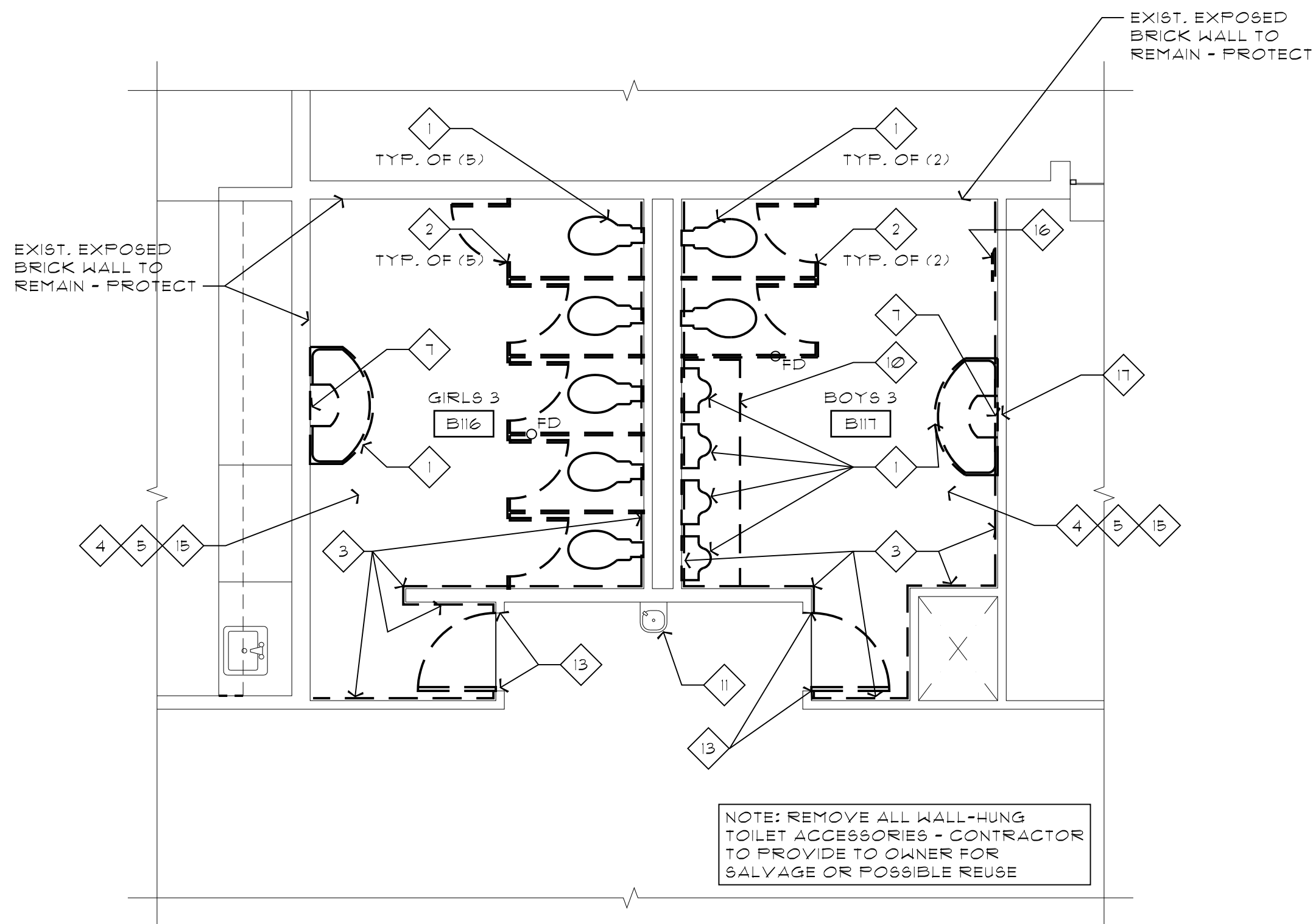
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job no.: 19036.00.L

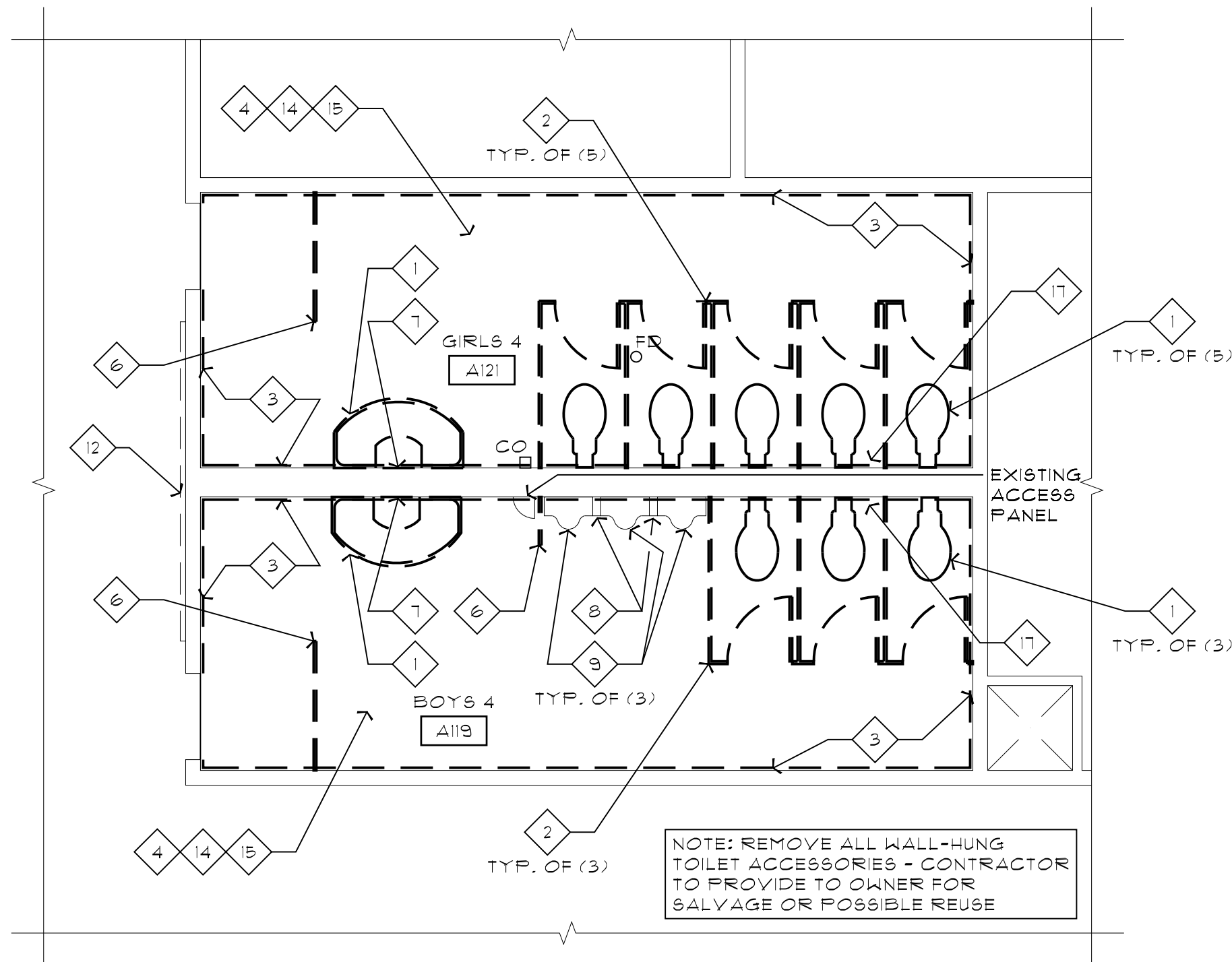
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A1.2

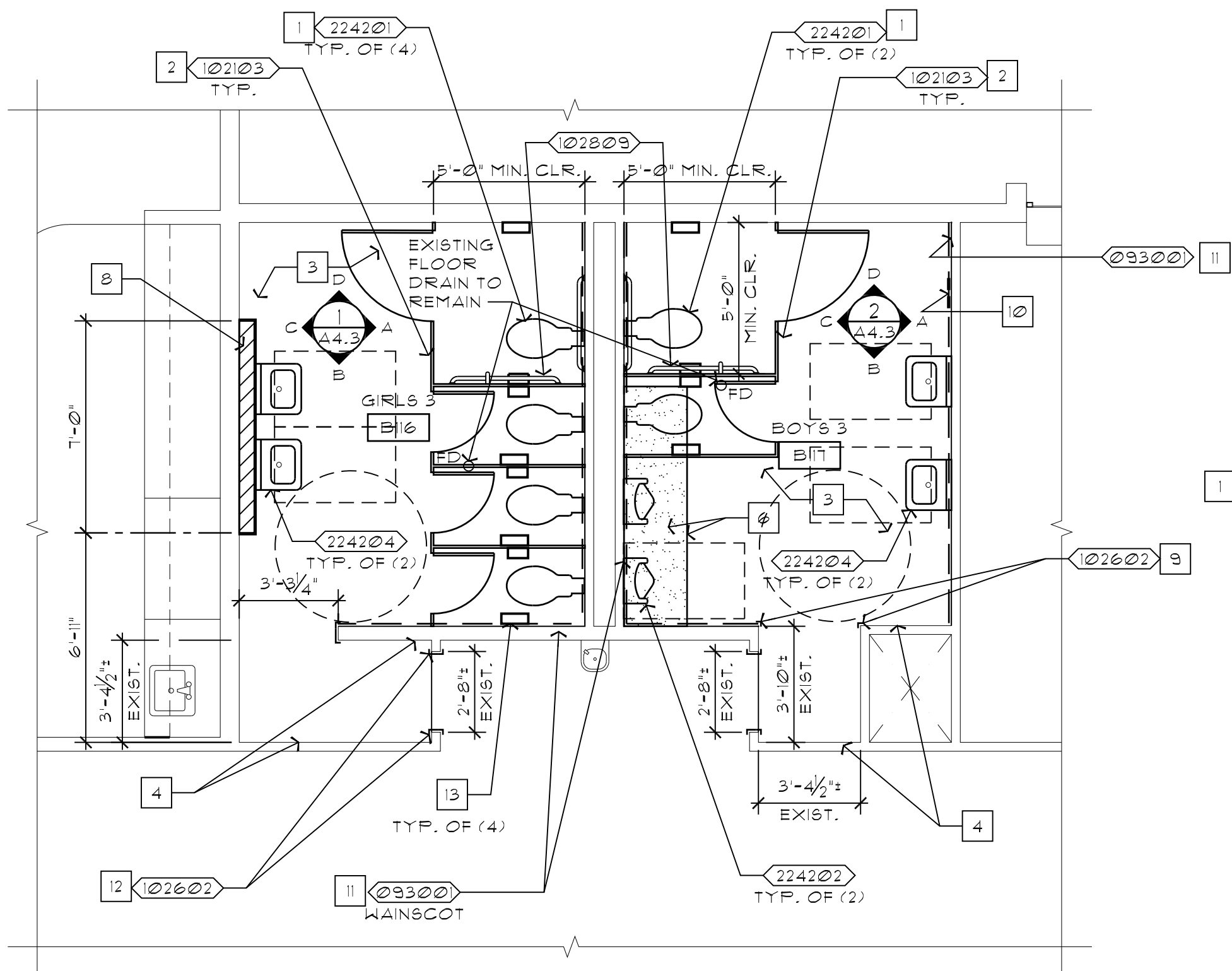




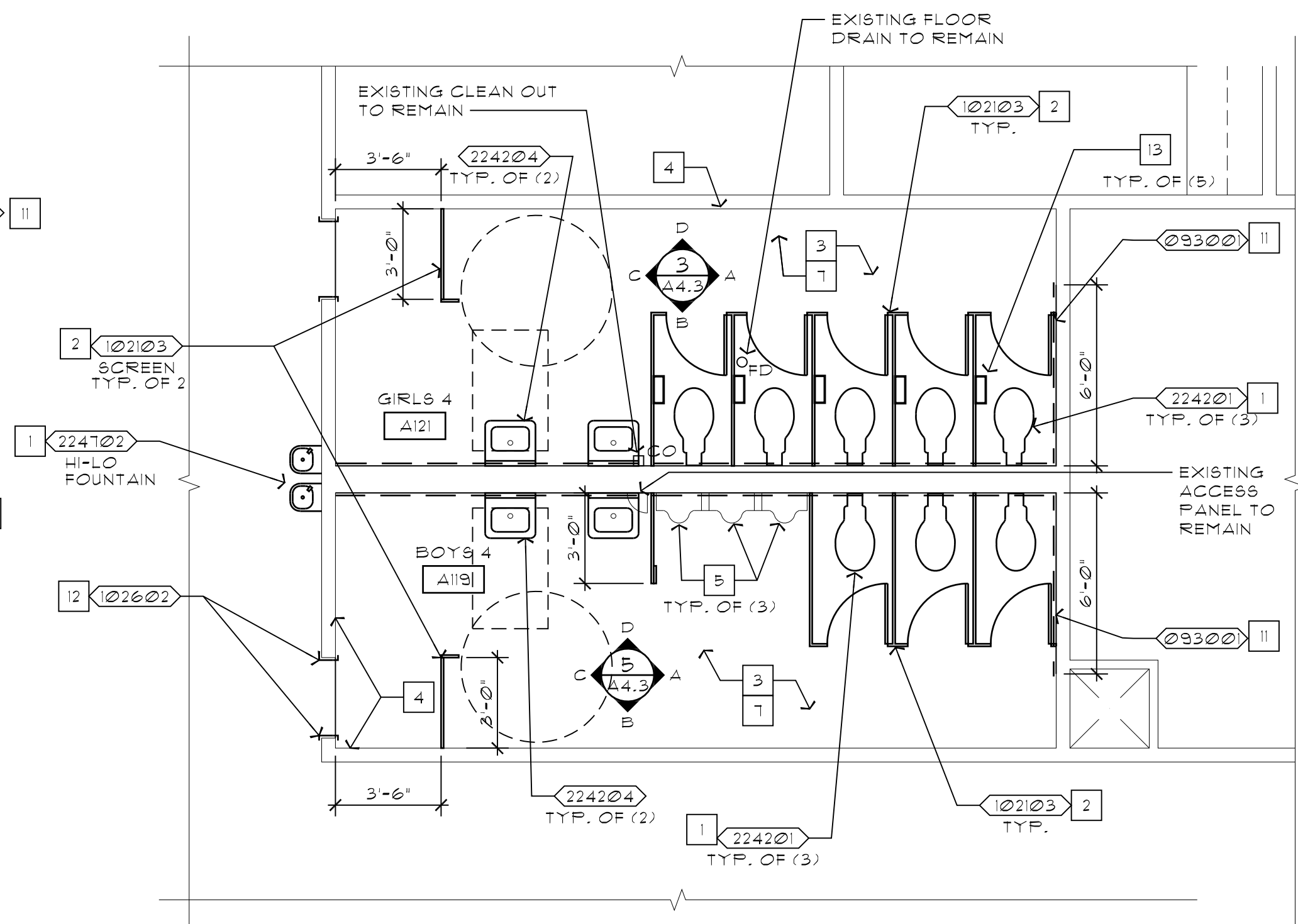
**PARTIAL ENLARGED
DEMOLITION FLOOR PLAN**
1
A4.1 1/4" = 1'-0"



**PARTIAL ENLARGED
DEMOLITION FLOOR PLAN**
2
A4.1 1/4" = 1'-0"



**PARTIAL ENLARGED RESTROOM
ALTERATION FLOOR PLAN**
3
A4.1 1/4" = 1'-0"



**PARTIAL ENLARGED RESTROOM
REPAIR FLOOR PLAN**
4
A4.1 1/4" = 1'-0"

DEMOLITION NOTES

- EXISTING PLUMBING FIXTURE TO BE REMOVED - SEE DEMOLITION NOTES ON SHEET D.I.I. AND PLUMBING DRAWINGS.
- EXISTING TOILET COMPARTMENT TO BE REMOVED.
- EXISTING CERAMIC TILE WAINSCOT AND GYPSUM BOARD SUBSTRATE TO BE REMOVED TO STUD FRAMING.
- EXISTING TILE FLOORING TO BE REMOVED - INCLUDING ALL MORTAR AND SUBSTRATE MATERIALS, DOWN TO CONCRETE SLAB.
- EXISTING GYPSUM BOARD CEILING TO REMAIN.
- EXISTING PRIVACY SCREEN TO BE REMOVED.
- EXISTING MIRROR TO BE REMOVED.
- EXISTING FURRED-OUT WALL BETWEEN URINALS TO REMAIN.
- EXISTING FLUSH VALVE TO BE REMOVED. URINAL TO REMAIN.
- PORTION OF EXISTING FLOOR SLAB TO BE REMOVED.
- EXISTING DRINKING FOUNTAIN TO REMAIN.
- EXISTING BULLETIN BOARD TO BE SALVAGED - COORDINATE NEW MOUNTING LOCATION WITH OWNER.
- EXISTING DOOR AND DOOR FRAME TO BE REMOVED.
- EXISTING GLUE-UP CEILING TILE AND BACKER BOARD SUBSTRATE TO BE REMOVED.
- EXISTING CEILING MOUNTED LIGHT FIXTURES TO BE REMOVED - SEE ELECTRICAL DRAWING FOR ADDITIONAL INFORMATION.
- EXISTING PAINTED WALL MOUNTED SPEAKER COVER TO BE REMOVED.
- REMOVE PORTION OF EXISTING GYPSUM BOARD WALL (TO STUD FRAMING) WHERE REQUIRED TO ACCESS AND REPLACE PIPING - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES

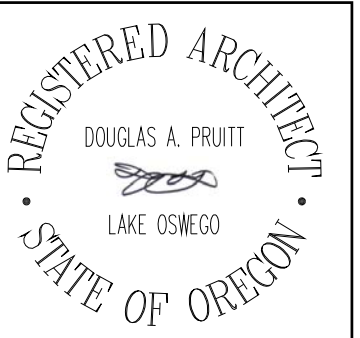
- NEW PLUMBING FIXTURE - SEE PLUMBING DRAWINGS.
- NEW PLASTIC TOILET COMPARTMENT/SCREEN, PROVIDE WOOD BLOCKING AS REQUIRED FOR INSTALLATION.
- NEW CERAMIC TILE FLOORING.
- NEW GYPSUM BOARD AT ALL WALL LOCATIONS WHERE GYPSUM BOARD HAS BEEN REMOVED, PATCH AND TAPE AS REQUIRED TO MATCH ADJACENT WALL.
- EXISTING URINAL WITH NEW FLUSH VALVE.
- NEW CONCRETE SLAB - MATCH EXISTING THICKNESS AND FINISH ELEVATION, DOWEL INTO EXISTING SLAB.
- NEW GYPSUM BOARD CEILING.
- NEW 6" FURRING STUD WALL (FLOOR TO CEILING) WITH STAINLESS STEEL FINISH TO ENCLOSE NEW PIPING - SEE INTERIOR ELEVATIONS AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- NEW STAINLESS STEEL CORNER GUARDS AT ALL OUTSIDE CORNER WALLS AS SHOWN - SEE DETAIL 6/A5.1
- NEW WALL MOUNTED ALUMINUM SPEAKER COVER TO MATCH SCHOOL STANDARD.
- NEW TILE WAINSCOT OVER MOISTURE RESISTANT GYPSUM BOARD WHERE INDICATED ON PLANS - HEIGHT TO MATCH ORIGINAL WAINSCOT (6'-0" A.F.F. - HT. TO BE VERIFIED).
- NEW STAINLESS STEEL WALL ENDCAP - SEE DETAIL 1/A5.1
- SANITARY NAPKIN RECEPTACLE - SEE MOUNTING HEIGHT ON DETAIL 1/A4.3.

GENERAL NOTES

- INSTALL MOISTURE-RESISTANT GYPSUM BOARD AT ALL WALLS WITHIN 3 FEET OF WATER SOURCES - TYP.
- REPLACE/REINSTALL TOILET ACCESSORIES, PROVIDE WOOD BLOCKING AS REQUIRED FOR SECURING TO WALLS - SEE ELEVATION DRAWINGS (SHEET A4.3) FOR ADDITIONAL INFORMATION.
- EXTEND TILE TO PROVIDE MOUNTING SURFACE BEHIND MIRRORS AT ALL LOCATIONS - SEE ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE ELEVATION DRAWINGS FOR ADDITIONAL FIXTURE AND EQUIPMENT DIMENSIONS.

KEYNOTES

- 093001 CERAMIC TILE
102103 PLASTIC TOILET COMPARTMENT
102602 STAINLESS STEEL CORNER GUARDS/WALL ENDCAPS
102809 GRAB BAR
224201 WATER CLOSET
224202 URINAL
224204 SINK
224102 DRINKING FOUNTAIN



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A4.1



SCALE: 1/4" = 1'-0"ROOM FINISH SCHEDULE											
101 NO.	ROOM NAME	FLOOR	BASE	WALLS				CNG.		REMARKS	
				N	E	S	W				
A100	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A101	NORTH A HALL	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A102	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A103	EAST COMMON	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A104	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A105	A/V STORAGE	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A106	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A107	WORK ROOM 3	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A108	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A109	STAFF RR	CT	CT	* FG	* FG	* FG	* FG	FG		*PATCH/REPLACE EXIST. DRYWALL INSTALL NEW CT WAINSCOT - SEE 4/A4.3	
A110	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A111	SOUTH A HALL	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A112	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A113	STAFF RR	-	-	-	-	-	-	-		*PATCH EXIST. DRYWALL	
A114	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A115	CUST.	-	-	-	* P	-	-	FG		*PATCH EXIST. DRYWALL	
A116	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A117	RESOURCE ROOM	-	-	-	-	-	-	-			
A118	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A119	BOYS 4	CT	CT	* FG	* FG	* FG	* FG	FG		*PATCH/REPLACE EXIST. DRYWALL INSTALL NEW CT WAINSCOT - SEE 5/A4.3	
A120	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A121	GIRLS 4	CT	CT	* FG	* FG	* FG	* FG	FG		*PATCH/REPLACE EXIST. DRYWALL INSTALL NEW CT WAINSCOT - SEE 3/A4.3	
A122	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
A123	WEST COMMONS	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B100	CLASSROOM	-	-	-	-	-	-	-			
B101	HALL	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B102	CLASSROOM	-	-	-	-	-	-	-			
B103	LIBRARY	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B104	LIBRARY WORK	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B105	CIRCULATION	-	-	-	-	-	-	-			
B106	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B107	WORK ROOM 5	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B108	CLASSROOM	-	-	-	-	* P	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B109	STO. 1	-	-	-	-	-	-	FG			
B110	CLASSROOM	-	-	* P	-	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B111	B HALL	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B112	CLASSROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B113	STOR. 6	-	-	-	-	-	-	-			
B114	CLASSROOM	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B115	WORK ROOM	-	-	-	-	-	-	-		-*PATCH/REPAIR WALL; REPLACE CT BASE	
B116	GIRLS 3	CT	CT	** PW	** -	* FG	* FG	P		*PATCH/REPLACE EXIST. DRYWALL, NEW CT WAINSCOT; **NEW CT BASE - SEE 1/A4.3	
B117	BOYS 3	CT	CT	FG	** -	* FG	* FG	P		*PATCH/REPLACE EXIST. DRYWALL, NEW CT WAINSCOT; **NEW CT BASE - SEE 2/A4.3	
B118	OFFICE 1	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
B119	STAFF RR	-	-	-	-	-	* P	FG		*PATCH EXIST. DRYWALL	
B120	COVERED PLAY	-	-	-	-	-	-	-			
C100	MAIN ENTRANCE	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
C101	VEST.	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
C102	HALL		-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
C103	MAIN OFFICE	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	

SCALE: 1/4" = 1'-0"ROOM FINISH SCHEDULE											
101 NO.	ROOM NAME	FLOOR	BASE	WALLS				CNG.		REMARKS	
				N	E	S	W				
C104	PRINCIPAL	-	-	-	-	-	-	-			
C105	RR	-	-	-	-	* P	-	-		*PATCH EXIST. DRYWALL	
C106	HEALTH	-	-	-	-	-	* P	**		*PATCH EXIST. DRYWALL **REINSTALL TILES IN ACOUSTIC EXIST. GRID	
C107	STAFF	-	-	-	-	-	-	-			
C108	STAFF	-	-	-	-	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL TILES IN ACOUSTIC EXIST. GRID	
C109	RR	SV	RB	-	-	-	* P	FG		*PATCH EXIST. DRYWALL	
C110	HALL	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
C111	WORK ROOM	-	-	-	* P	-	-	**		*PATCH EXIST. DRYWALL **REINSTALL TILES IN ACOUSTIC EXIST. GRID	
C112	STOR. 2	-	-	-	-	-	-	-			
C113	HALL	-	-	-	-	-	-	-			
C114	GIRLS 2	-	-	* FG	* FG	-	-	-		*PATCH EXIST. DRYWALL REPLACE CT WAINSCOT TO MATCH EXISTING	
C115	BOYS 2	-	-	-	* FG	* FG	-	FG		*PATCH EXIST. DRYWALL REPLACE CT WAINSCOT TO MATCH EXISTING	
C116	CAFETERIA	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
C117	OFFICE	-	-	-	-	-	-	FG			
C118	RR	-	-	-	* P	-	* P	FG		*PATCH EXIST. DRYWALL	
C119	CUST.	-	-	-	-	-	-	-			
C120	RISER ROOM	-	-	-	-	-	-	-			
C121	KITCHEN	-	-	-	-	* P	-	**		*PATCH EXIST. DRYWALL **REINSTALL TILES IN ACOUSTIC EXIST. GRID	
C121A	HALL	-	-	-	-	-	-	FG			
C122	DISHWASH	-	-	-	-	-	-	-			
C123	KITCHEN STOR.	-	-	-	-	-	-	-			
C124	GAR.	-	-	-	-	-	-	-			
C125	CUST. OFFICE	-	-	-	-	-	-	FG			
C126	GYM OFFICE	-	-	* P	-	-	-	-		*PATCH EXIST. DRYWALL	
C127	BOILER RM.	-	-	-	-	-	-	-			
C128	STOR.	-	-	-	-	-	-	-			
C129	RR	-	-	* P	* P	* P	* P	-		*PATCH EXIST. DRYWALL	
C130	RR	-	-	* P	* P	* P	* P	-		*PATCH EXIST. DRYWALL	
C131	STOR.	-	-	-	-	-	-	-			
C132	STOR. 5	-	-	-	-	-	-	-			
C133	GYMNASIUM	-	-	-	-	-	-	-			
C134	STOR. 3	-	-	-	-	-	-	-	FG		
C135	STAGE	-	-	-	-	-	-	**		**REINSTALL ACOUSTIC TILES IN EXIST. GRID	
C136	MAIN ELEC. RM.	-	-	-	-	-	-	-	FG		
C137	COVERED PLAY	-	-	-	-	-	-	-			
M300	CONFERENCE	-	-	-	-	-	-	-			
M301	ENTRANCE	-	-	-	-	-	-	-			
M302	CLASSROOM	-	-	-	-	-	-	-			
M303	COMMONS	-	-	-	-	-	-	-			
M304	CLASSROOM	-	-	-	-	-	-	-			
M305	STO.	-	-	-	-	-	-	-			
M306	CLASSROOM	-	-	-	-	-	-	-			
M307	MECH.	-	-	-	-	-	-	-			
M308	CLASSROOM	-	-	-	-	-	-	-			
M309	RR	-	-	-	-	-	-	-			
M310	CLASSROOM	-	-	-	-	-	-	-			
M311	MECH.	-	-	-	-	-	-	-			
M312	GIRLS 5	-	-	-	-	-	-	-			
M313	ELEC.	-	-	-	-	-	-	-			
M314	BOYS 5	-	-	-	-	-	-	-			

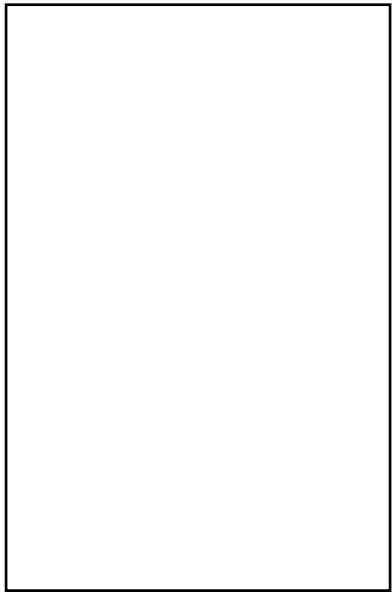
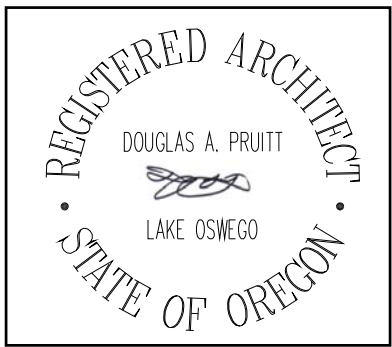
ROOM FINISH KEY

FLOORS	BASE
CT CERAMIC TILE	CT CERAMIC TILE
SC SEALED CONCRETE	RB RUBBER BASE
SV SHEET VINYL	(NOTE: PRIOR TO RUBBER BASE INSTALLATION, PROVIDE CONTINUOUS SEALANT BETWEEN GYPSUM BOARD AND FLOOR)

WALLS

CT	CERAMIC TILE
FG	GYPSUM BOARD (PAINT) WITH CT WAINSCOT WHERE INDICATED - SEE PLAN NOTES FOR ADDITIONAL INFORMATION
P	PAINT WALL FINISH
PW	PLUMBING WALL - GYP BOARD WITH STAINLESS STEEL FINISH AND CT BASE - SEE PLAN AND ELEVATION NOTES FOR ADDITIONAL INFORMATION
NOTE: ALL WALL PAINT IN RESTROOMS TO BE EPOXY COATING - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.	

CEILING	NOTES
FG PAINTED GYPSUM BOARD	- NO WORK REQUIRED
	* SEE REMARKS
	** SEE REMARKS



BBL ARCHITECTS

ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN

200 North State Street ■ Lake Oswego, Oregon 97034

BEAVERTON SCHOOL DISTRICT

TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
AND RESTROOM REMODEL

1908 NW 143RD AVENUE, PORTLAND, OREGON

97229

LINES 2 INCHES
AT FULL SCALE
(IF NOT 2 INCHES THEN
SCALE ACCORDINGLY.)

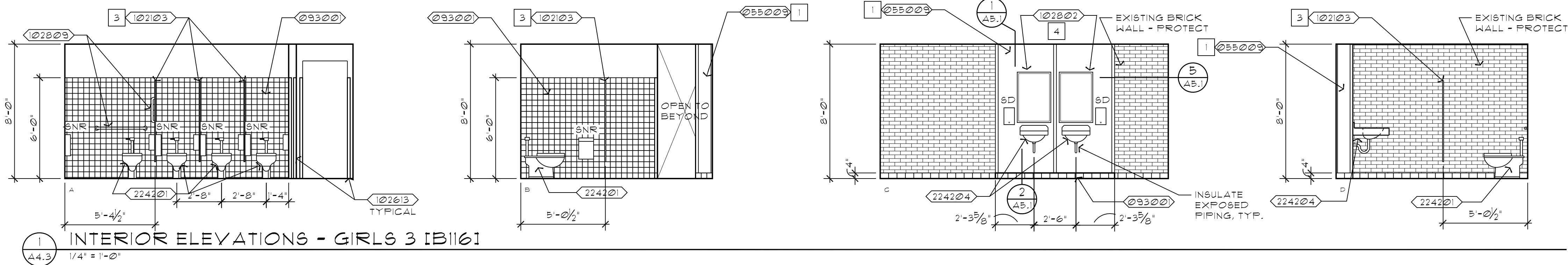
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drawn by: DV
checked: DP
BID SET

job no.: 19036.00.L

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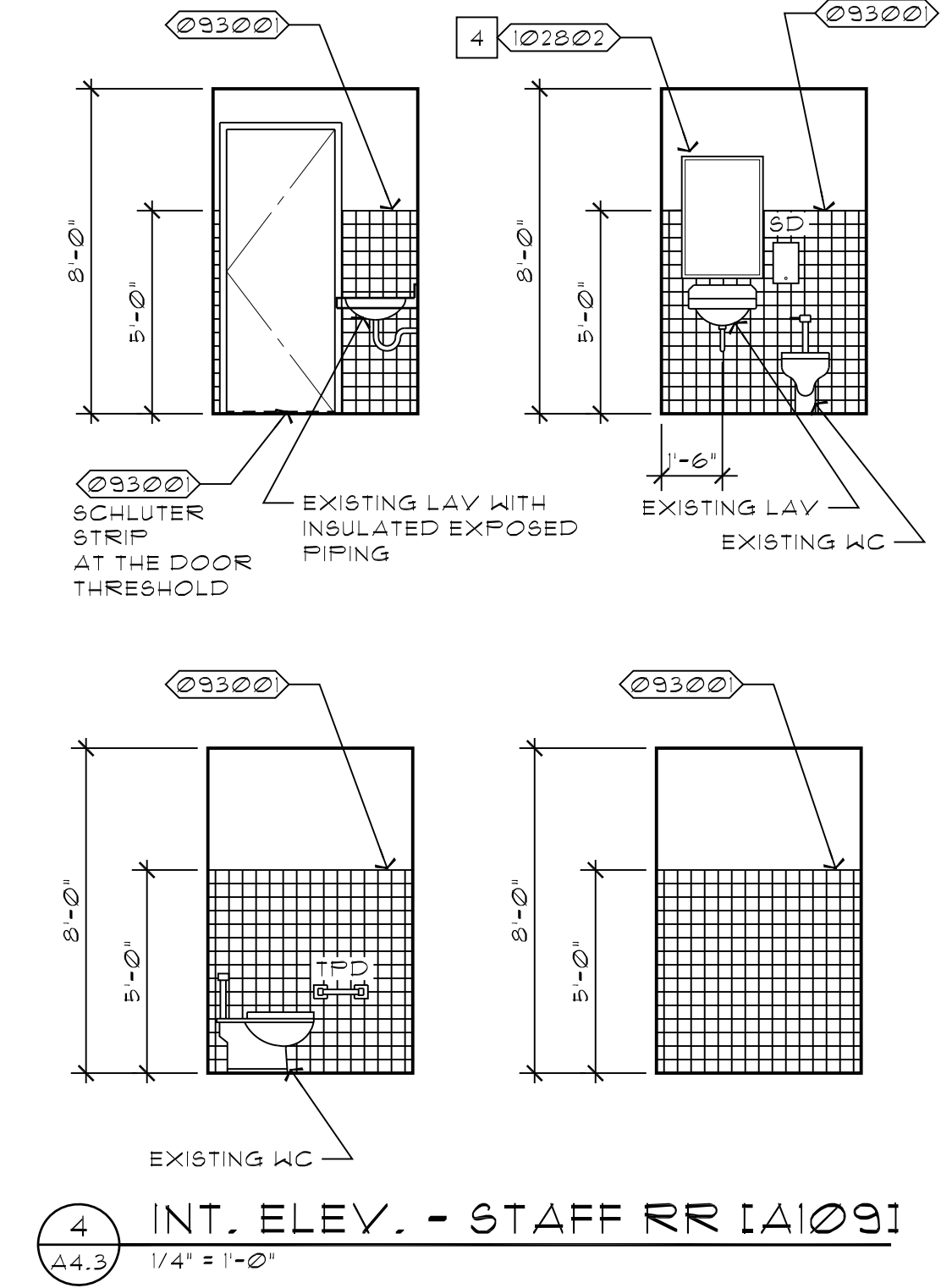
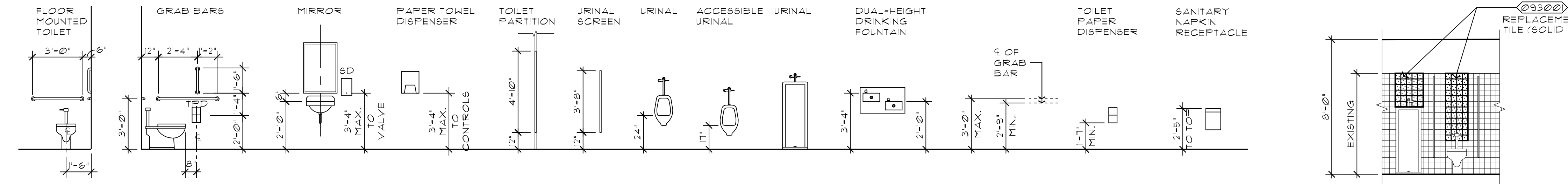
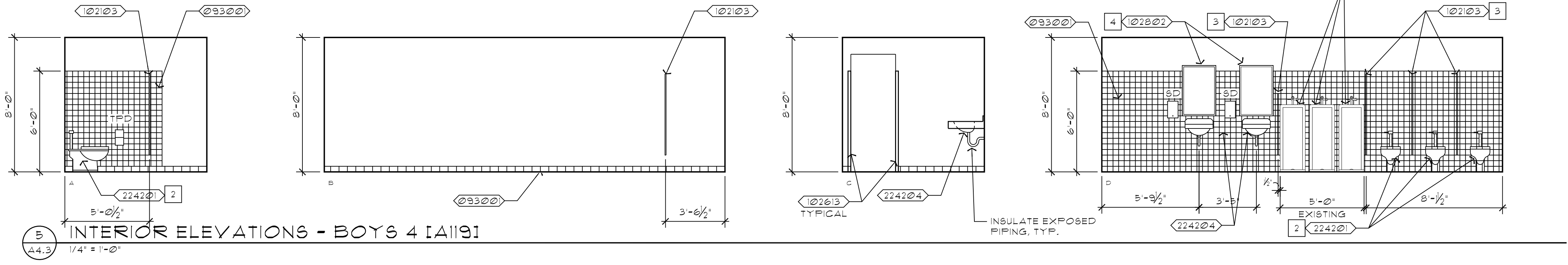
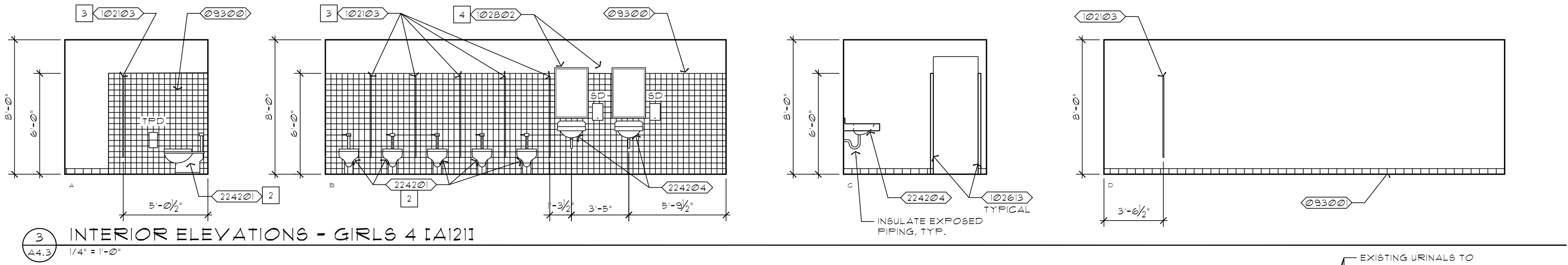
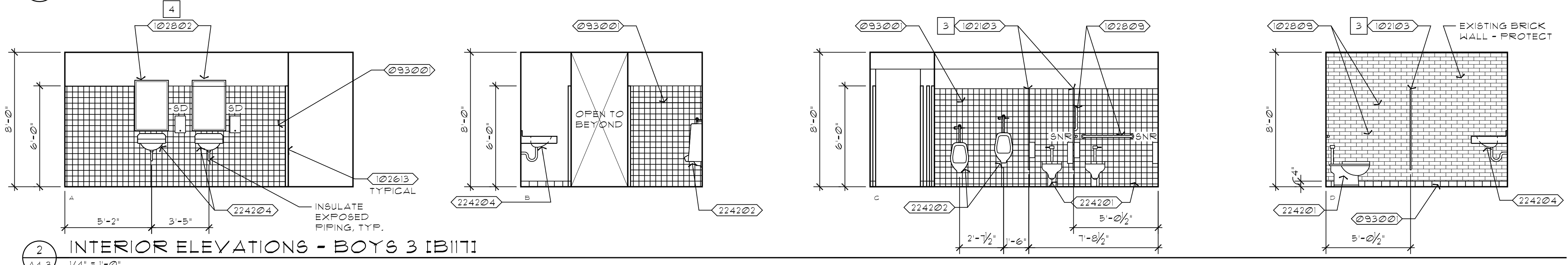
A4.2





- KEYNOTES**
- 055009 STAINLESS STEEL PLATE
 - 093001 CERAMIC TILE (NOTE: SEE 6/A4.3 FOR TYP. PATTERN)
 - 102103 PLASTIC TOILET COMPARTMENT
 - 102613 CORNER GUARDS
 - 102802 MIRROR
 - 102809 GRAB BAR
 - 224201 WATER CLOSET
 - 224202 URINAL
 - 224204 SINK

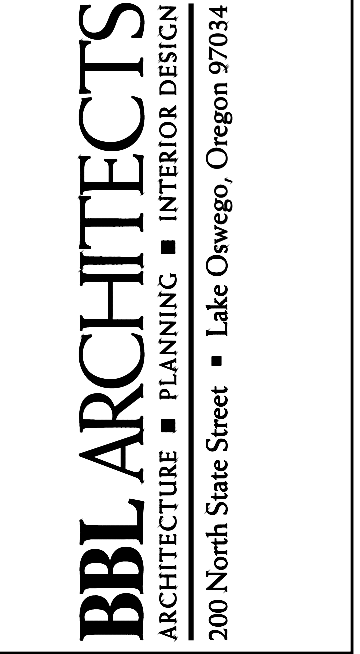
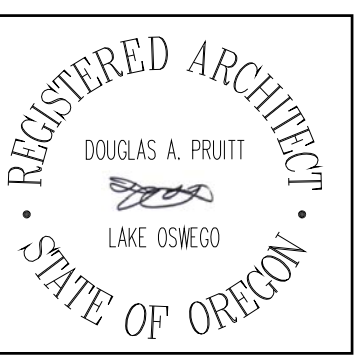
- SHEET NOTES**
1. INSTALL STAINLESS STEEL PANELS WITH VERTICAL JOINT AT CENTERLINE OF FRONT FACE OF WALL.
 2. REPLACEMENT PLUMBING FIXTURE - INSTALL IN SAME LOCATION AS REMOVED FIXTURE.
 3. CENTER TOILET PARTITION PANELS IN BETWEEN PLUMBING FIXTURES, TYPICAL. WHERE DIMENSIONS ARE SHOWN, MEASUREMENTS ARE FROM WALL FINISH TO CENTERLINE OF PANEL.
 4. MIRROR SIZE: 24" W x 36" H, CENTER ABOVE SINK, TYPICAL. WHERE CERAMIC TILE EXISTS, EXTEND TILE BEHIND TOP EDGES OF MIRROR.



TOILET ACCESSORY AND EQUIPMENT MOUNTING HEIGHTS
1/4" = 1'-0"

EXISTING RESTROOM TILE REPLACEMENT/REPAIR
1/4" = 1'-0"

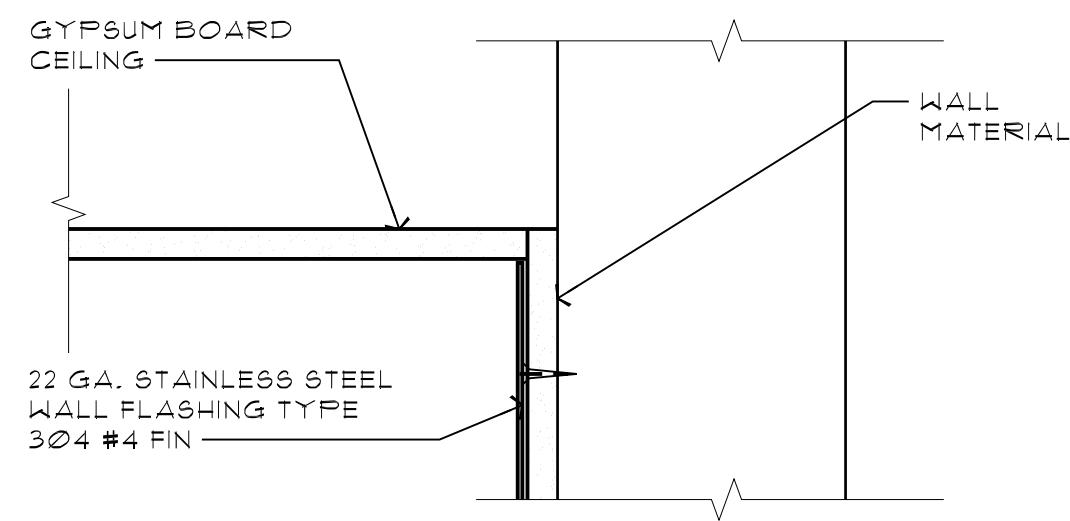
TYP. RANDOM TILE PATTERN
1/4" = 1'-0"



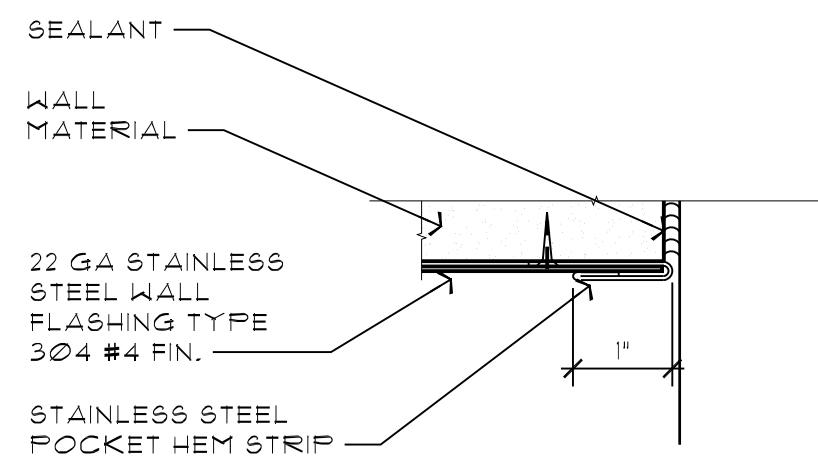
BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
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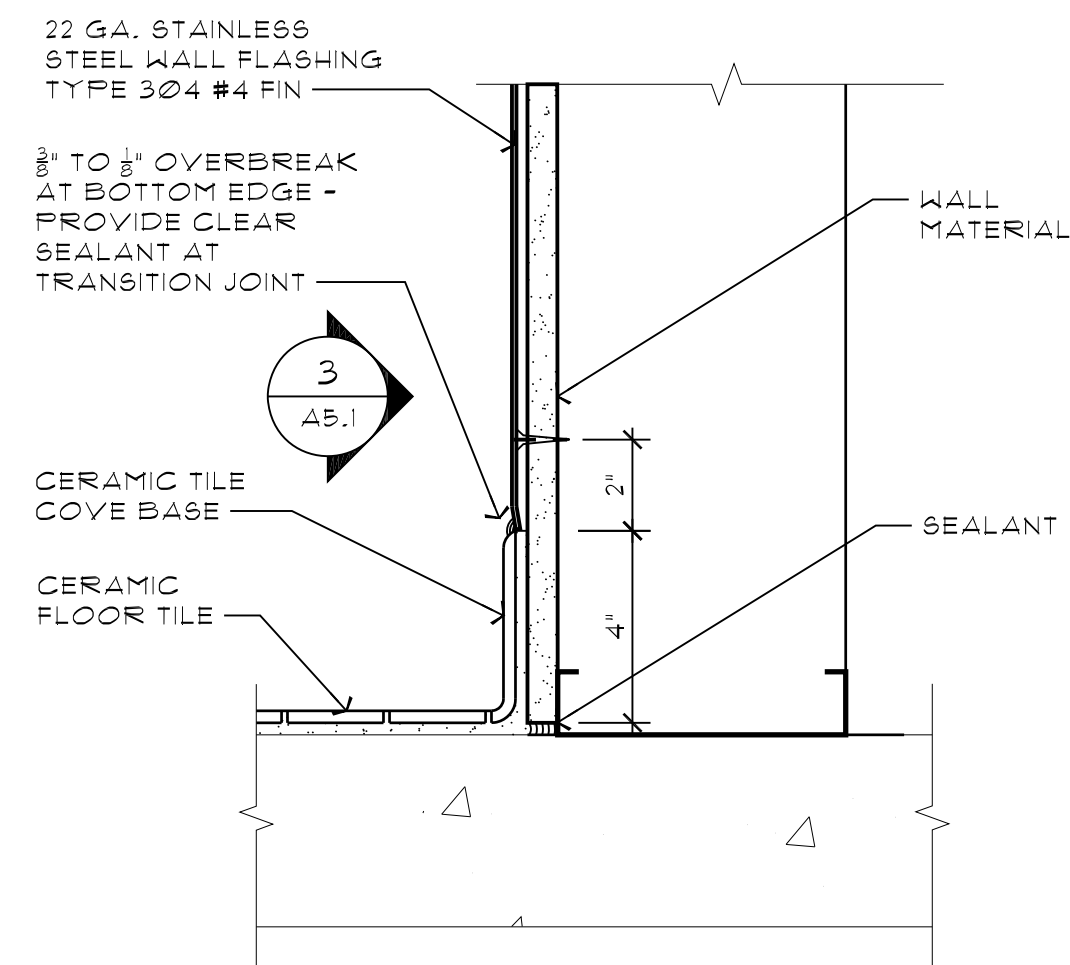




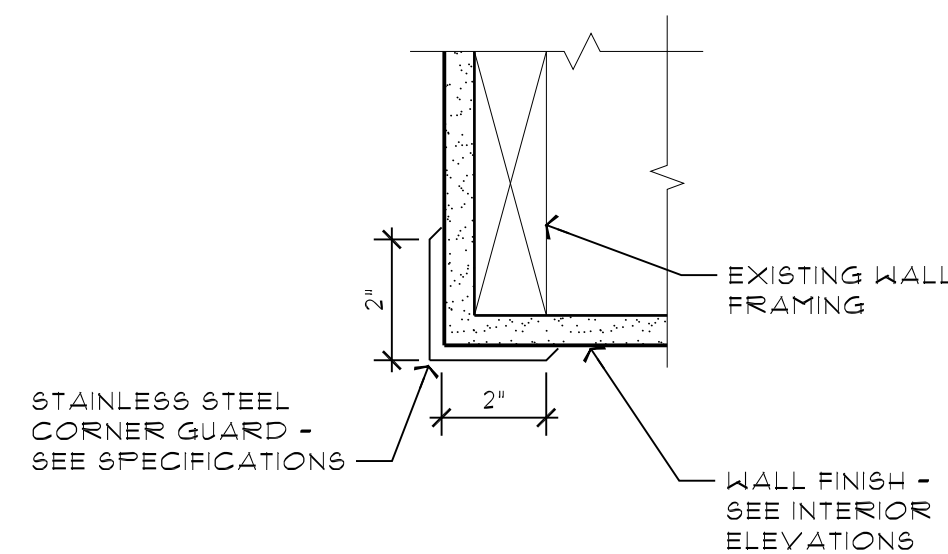
1 PANEL AT TOP (EDGE)
A5.1 3" = 1'-0"



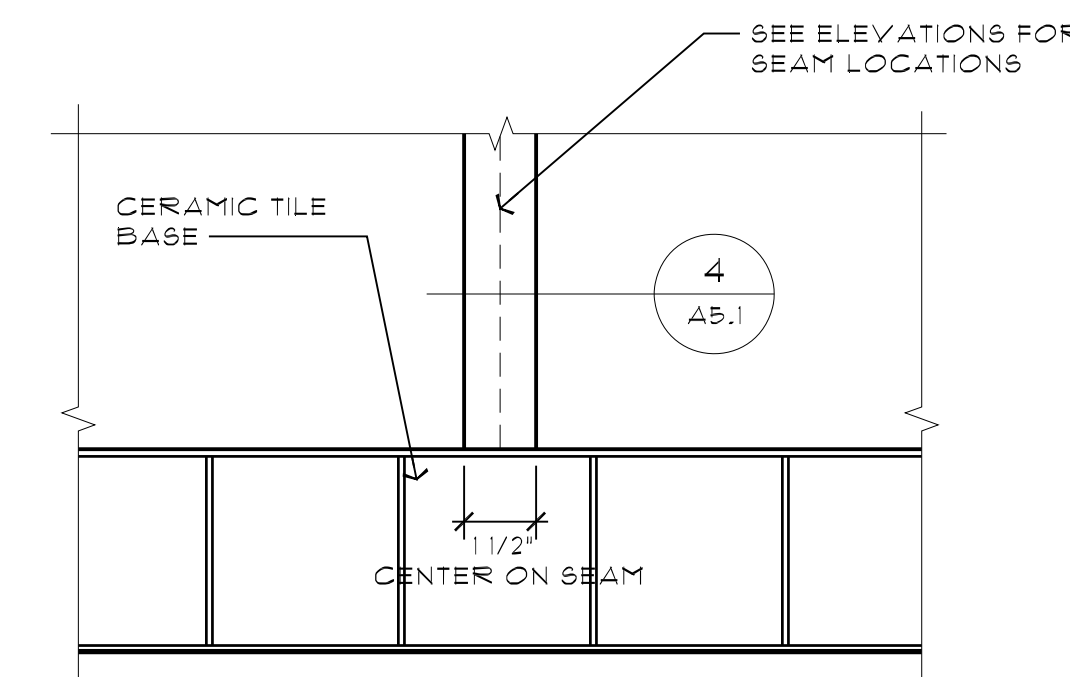
5 PANEL AT SIDE WALL (EDGE)
A5.1 3" = 1'-0"



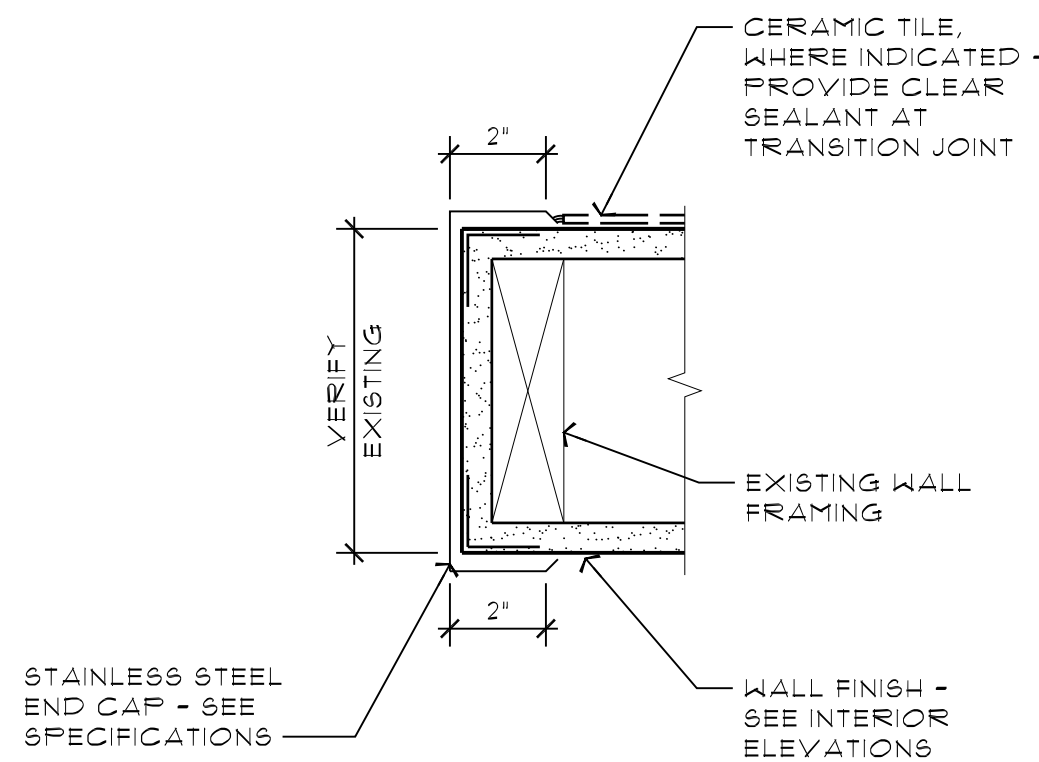
2 PANEL AT BASE
A5.1 3" = 1'-0"



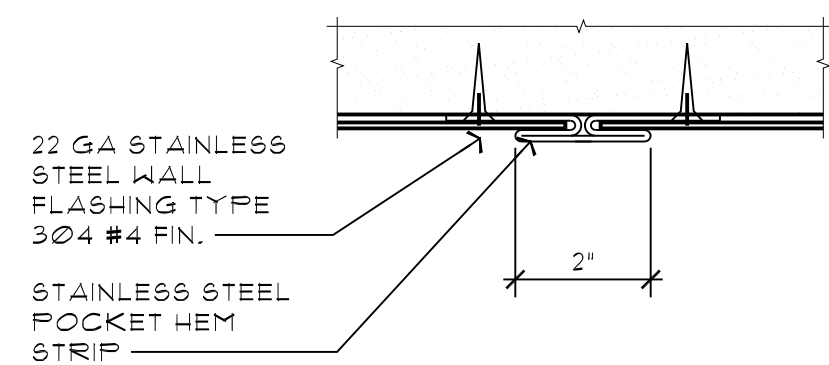
6 SS CORNER GUARD
A5.1 3" = 1'-0"



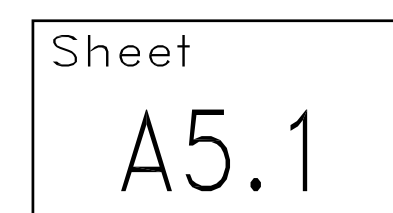
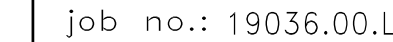
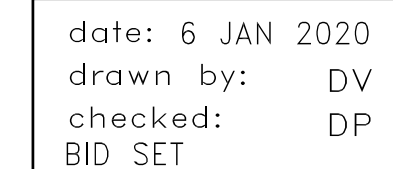
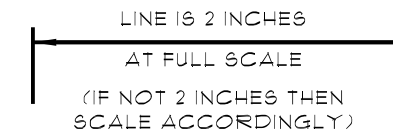
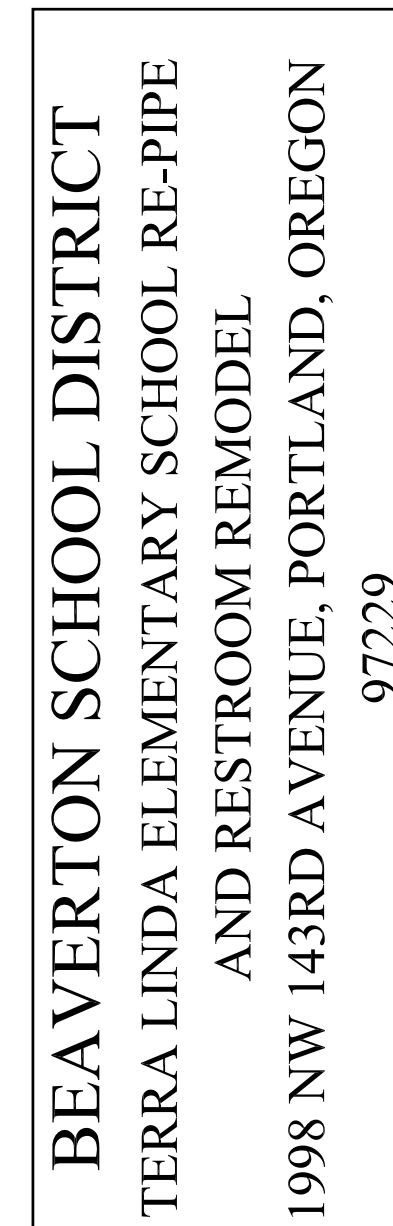
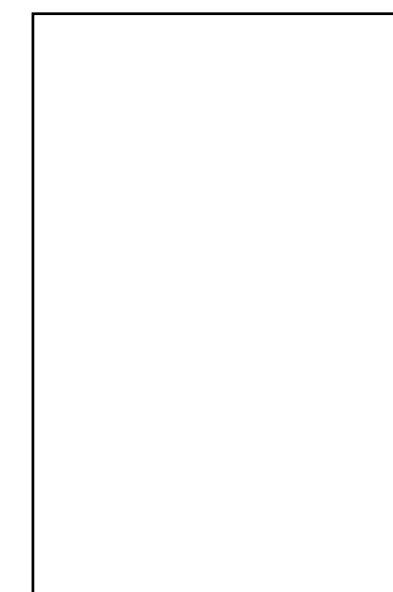
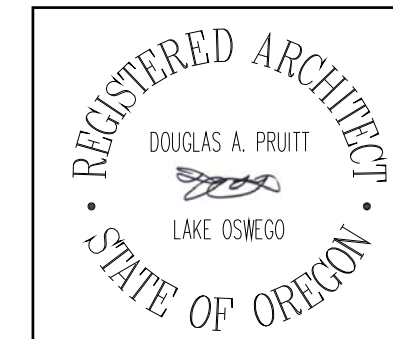
3 STAINLESS STEEL PANEL SEAM
A5.1 3" = 1'-0"



7 STAINLESS STEEL ENDCAP
A5.1 3" = 1'-0"



4 JOINT CONNECTION
A5.1 3" = 1'-0"



PIPE MATERIAL SCHEDULE	
SERVICE	
COLD & HOT WATER	GENERAL SUPPLYS OTHER THAN COPPER LISTED BELOW: AQUA PEX PIPING FROM METER TO AND WITHIN MECHANICAL ROOM C120: HARD DRAWN COPPER TUBE TUBE "L"
SANITARY WASTE	SCHEDULE 40 DWV PVC OR CAST IRON
SANITARY VENT	SCHEDULE 40 DWV PVC OR CAST IRON

PLUMBING CONTRACTOR TO PROVIDE BEAVERTON SCHOOL DISTRICT WITH VALVE SCHEDULE SHOWING ALL SHUTOFF VALVES, BACKFLOW VALVES WITH THEIR SIZES, TYPES AND LOCATIONS.

PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	BRANCH PIPE SIZE				REMARKS
		CW	HW	W	V	
WC-1	WATER CLOSET	1-1/4"	-	4"	2	FLUSH VALVE, STANDARD HEIGHT
WC-2	WATER CLOSET	1-1/4"	-	4"	2	FLUSH VALVE, ADA HEIGHT
WC-3	WATER CLOSET	1-1/4"	-	*	*	*REPLACE FLUSH VALVE ONLY WITH 3.5 GALLON PER FLUSH (GPF) VALVE OR SAME GPF AS REMOVED EXISTING VALVE. EXISTING BOWL TO REMAIN.
WC-4	WATER CLOSET	3/4"	-	*	*	*REPLACE ALL FLUSHING HARDWARE WITHIN TANK WITH WATER CLOSET MODEL APPROPRIATE HARDWARE.
U-1	URINAL	3/4"	-	2"	1-1/2"	FLUSH VALVE, STANDARD HEIGHT
U-2	URINAL	3/4"	-	2"	1-1/2"	FLUSH VALVE, ADA HEIGHT
U-3	URINAL	3/4"	-	*	*	*REPLACE FLUSH VALVE ONLY WITH 1 GALLON PER FLUSH (GPF) VALVE OR SAME (GPF) AS REMOVED EXISTING VALVE.
L-1	LAVATORY	1/2"	1/2"	1-1/2"	1-1/4"	WALL MOUNTED, ADA HEIGHT
L-2	LAVATORY	1/2"	1/2"	*	*	FAUCET ONLY, EXISTING BASIN TO REMAIN
DF-1	DRINKING FOUNTAIN	1/2"	-	2"	1-1/2"	
DF-2	DRINKING FOUNTAIN	1/2"	-	2"	1-1/2"	
DF-3	DRINKING FOUNTAIN	1/2"	-	2"	1-1/2"	FREEZE PROOF
S-1	SINK	1/2"	1/2"	*	*	*FAUCET ONLY AND SUPPLY HARDWARE, EXISTING BASIN TO REMAIN
S-2	SINK - KITCHEN	1/2"	1/2"	*	*	*FAUCET ONLY AND SUPPLY HARDWARE, EXISTING BASIN TO REMAIN
S-3	SINK - KITCHEN HAND SINK	1/2"	1/2"	*	*	*FAUCET ONLY AND SUPPLY HARDWARE, EXISTING BASIN TO REMAIN
S-4	SINK	1/2"	1/2"	2	1-1/2"	
S-5	SINK	1/2"	1/2"	2	1-1/2"	FAUCET ONLY AND SUPPLY HARDWARE, EXISTING BASIN TO REMAIN
S-6	SINK	1/2"	1/2"	2	1-1/2"	FAUCET ONLY AND SUPPLY HARDWARE, EXISTING BASIN TO REMAIN
SS-1	SERVICE (MOP) SINK	1/2"	1/2"	-	-	*FAUCET ONLY AND SUPPLY HARDWARE, EXISTING BASIN TO REMAIN
EW-1	EMERGENCY EYE WASH	1/2"	1/2"	-	-	W/ TEMPERING VALVE
HB-1	HOSE BIBB	3/4"	-	-	-	VACUUM BREAKER
CW-1	CAN WASH	1/2"	1/2"	-	-	VACUUM BREAKER

PLUMBING EQUIPMENT SCHEDULE		
SYMBOL	DESCRIPTION	ELECTRICAL
<u>WH-1</u>	NATURAL GAS, TANKLESS WATER HEATER, INDOOR INSTALLATION, 199 MBH NATURAL GAS, 5.6 GPM 120 DEGREE HOT WATER AT 52 DEGREE SUPPLY WATER. PROVIDE VENT PIPING AS RECOMMENDED BY MANUFACTURER. BASIS OF DESIGN: RINNAI RU199IN	120V
<u>WH-2</u>	WATER HEATER: ELECTRIC, 38 GALLON CAPACITY, TWO NON-SIMULTANEOUS 4500 WATT ELEMENTS, 150 PSI WORKING PRESSURE, COMMERCIAL GRADE, 45 GAL PER HOUR RECOVERY AT 80 DEGREE RISE, GLASS LINED STEEL TANK, MAGNESIUM ANODE ROD. SET TEMPERATURE TO 120 DEGREES F. PROVIDE SEISMIC BRACING. BASIS OF DESIGN: A. O. SMITH ECLN-40 200	4500 WATTS 240 V, 1 PH
<u>WH-3</u>	WATER HEATER: ELECTRIC, 10 GALLON CAPACITY, 3500 WATT ELEMENT, 150 PSI WORKING PRESSURE, COMMERCIAL GRADE, 15 GAL PER HOUR RECOVERY AT 80 DEGREE RISE, GLASS LINED STEEL TANK, MAGNESIUM ANODE ROD. SET TEMPERATURE TO 115 DEGREES F. PROVIDE SEISMIC BRACING. BASIS OF DESIGN: A. O. SMITH DEL 10	3500 WATTS 120 V
<u>ET-1</u>	EXPANSION TANK: DIAPHRAGM TYPE, PRE-CHARGED, STEEL OUTER SHELL WITH POLYPROPYLENE LINER. 2 GAL MIN. TANK REQ'D. BASIS OF DESIGN: AMTROL ST-5	
<u>ET-2</u>	EXPANSION TANK: DIAPHRAGM TYPE, PRE-CHARGED, STEEL OUTER SHELL WITH POLYPROPYLENE LINER. 4.4 GAL MIN. TANK REQ'D. BASIS OF DESIGN: AMTROL ST-12	
<u>ET-3</u>	EXPANSION TANK: DIAPHRAGM TYPE, PRE-CHARGED, STEEL OUTER SHELL WITH POLYPROPYLENE LINER. 2 GAL MIN. TANK REQ'D. BASIS OF DESIGN: AMTROL ST-5	
<u>HWRP-1</u>	DOMESTIC HOT WATER CIRCULATING PUMP: IN-LINE, OIL LUBRICATED, WITH 3/4" SWEAT HALF UNION. 3 GPM AT 11 FEET OF HEAD. PROVIDE WITH AQUASTAT BASIS OF DESIGN: GRUNDFOS UP 15-35 SFC	115 VOLT, 1.70 AMPS 1 PH 1/22 HP
<u>HWRP-2</u>	DOMESTIC HOT WATER CIRCULATING PUMP: IN-LINE, OIL LUBRICATED, WITH 3/4" SWEAT HALF UNION. 3 GPM AT 11 FEET OF HEAD. PROVIDE WITH AQUASTAT BASIS OF DESIGN: GRUNDFOS UP 15-35 SFC	115 VOLT, 1.70 AMPS 1 PH 1/22 HP
<u>HWRP-3</u>	DOMESTIC HOT WATER CIRCULATING PUMP: IN-LINE, OIL LUBRICATED, WITH 3/4" SWEAT HALF UNION. 3 GPM AT 11 FEET OF HEAD. PROVIDE WITH AQUASTAT BASIS OF DESIGN: GRUNDFOS UP 15-35 SFC	115 VOLT, 1.70 AMPS 1 PH 1/22 HP

PLUMBING LEGEND

	CW	COLD WATER
		PIPE BELOW FLOOR OR GRADE
	HW	HOT WATER, 120°F
		EXISTING PIPE
	V	VENT
	W	SANITARY WASTE ABOVE FLOOR OR GRADE
	W	SANITARY WASTE BELOW FLOOR OR GRADE
	CTG	CLEANOUT TO GRADE
	FCO	FLOOR CLEANOUT
	WCO, CO	WALL CLEANOUT, CLEANOUT
		PRESSURE REDUCING VALVE
		ASME TEMPERATURE/PRESSURE RELIEF VALVE
		SHUTOFF VALVE, BALL VALVE
		CHECK VALVE, STRAINER
		BALANCING VALVE
		PIPE UP
		PIPE DOWN
	(P)	CAP OR PLUG

ABBREVIATIONS LEGEND

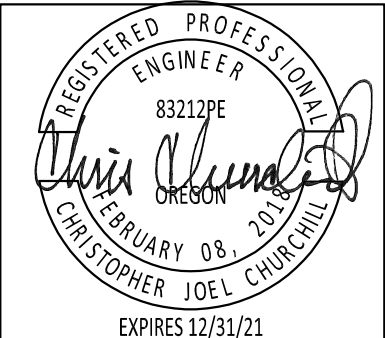
AFF	ABOVE FINISHED FLOOR	TYP	TYPICAL
BFF	BELOW FINISHED FLOOR	U	URINAL
BV	BALANCING VALVE	VTR	VENT THROUGH ROOF
DN	DOWN	WF	WASH FOUNTAIN
DF	DRINKING FOUNTAIN	WC	WATER CLOSET
L or LAV	LAVATORY	VTR	VENT THROUGH ROOF
IE	INVERT ELEVATION		

SYMBOLS

(A)	ABANDON
(C)	CONNECT TO EXISTING
(E)	EXISTING TO REMAIN
(P)	CAP OR PLUG
(R)	REPLACE PART OF FIXTURE
(X)	REMOVE EXISTING

GENERAL PLUMBING NOTES

- OBTAIN EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES FROM ARCHITECTURAL DRAWINGS.
- SEE ARCHITECTURAL DRAWINGS FOR A.D.A. COMPLIANT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- INSTALL ALL PLUMBING WORK SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING
- INSTALL ALL CLEANOUTS WHERE READILY ACCESSIBLE AND AS PER SECTION 707 AND 719 OF THE OREGON STATE PLUMBING SPECIALTY CODE. COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC., AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- PROVIDE UNIONS AFTER EACH SCREW TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
- ALL WASTE PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
- ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF ANY STATE OR LOCAL LAWS OR ORDINANCES. OBTAIN AND PAY FOR ALL REQUIRED PERMITS, LICENSES, CODE INSPECTIONS, ETC.
- ROUTE ALL PIPING ON THE WARM SIDE OF BUILDING ENVELOPE INSULATION.
- COORDINATE ALL REQUIREMENTS FOR ALL POINTS OF CONNECTION WITH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO BID.
- PRIME ALL FLOOR DRAINS, DECK DRAINS, TRENCH DRAINS, FLOOR SINKS AND ALL OTHER SIMILAR FIXTURES.
- COORDINATE THE LOCATION OF ALL CEILING ACCESS PANELS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND LIGHTING LAYOUT.
- ALL PIPING DISCHARGING INTO FLOOR SINKS AND/OR FLOOR DRAINS TO HAVE A MINIMUM AIR GAP AS REQUIRED BY LOCAL CODES AND ARRANGED TO PERMIT EASY REMOVAL OF FLOOR SINK BASKET STRAINERS.
- BEFORE FABRICATION OR INSTALLATION, VERIFY EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND OTHER EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF THE SPECIFICATION. COORDINATE EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS IN THE FIELD.
- INSTALL ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS AND OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS BEHIND AN ACCESS PANEL.



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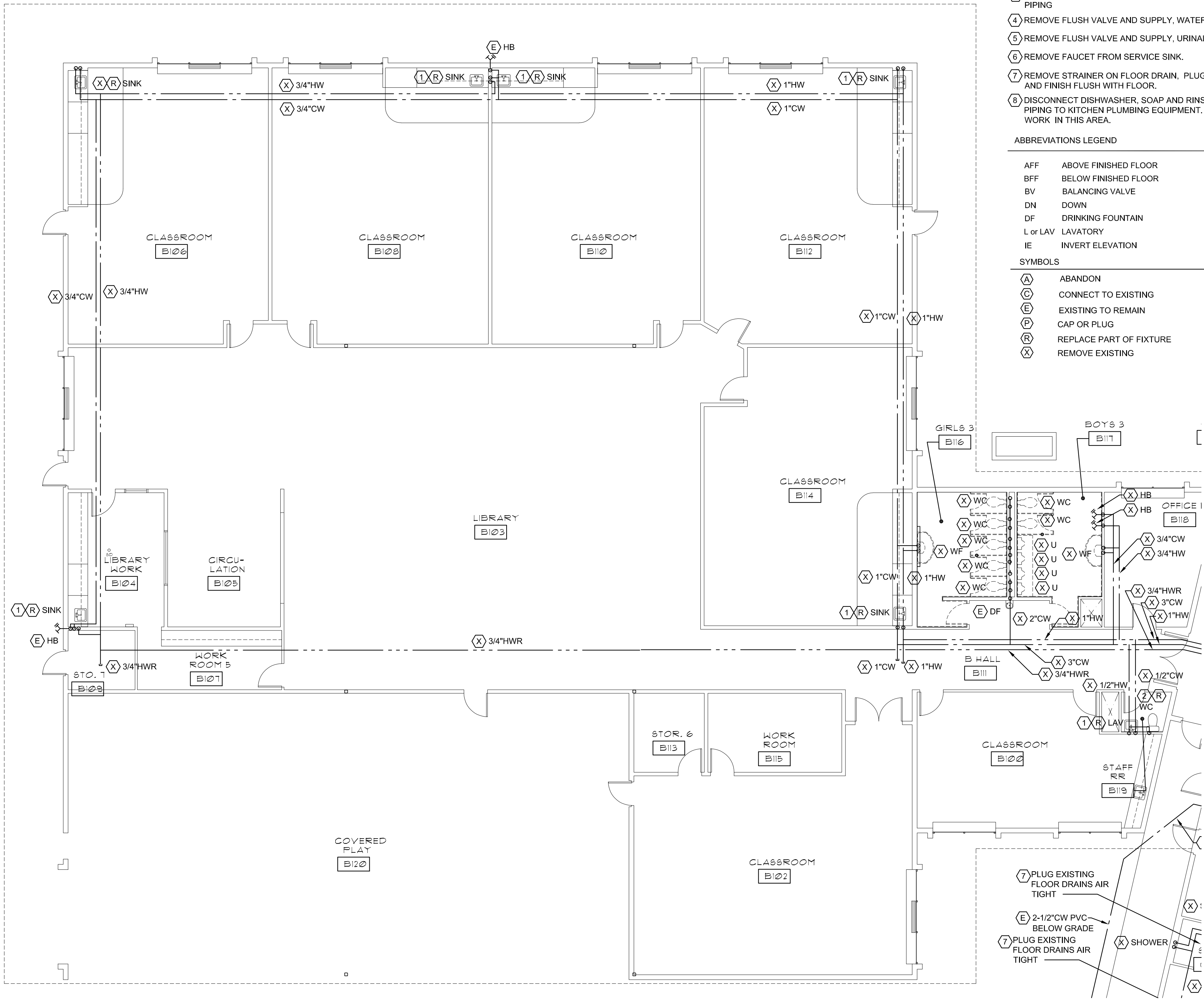
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drawn by: NLB
checked: GCB
BID SET

job no.: 19036.00.L

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P0.1





- SHEET NOTES:**
- 1 REMOVE EXISTING FAUCET, SUPPLY LINES AND STOPS. SINK BASIN AND WASTE/VENT/DRAIN CONNECTIONS TO SINK TO REMAIN.
 - 2 REMOVE AND REPLACE INTERIOR TANK VALVES ON WATER CLOSET WITH MANUFACTURER AND MODEL APPROPRIATE VALVES.
 - 3 REMOVE AS MUCH OF PIPING SUPPLYING HOSE BIBB AS CAN BE ACCESSED FOR CONNECTION TO NEW PIPING
 - 4 REMOVE FLUSH VALVE AND SUPPLY, WATER CLOSET BOWL TO REMAIN.
 - 5 REMOVE FLUSH VALVE AND SUPPLY, URINAL PORCELAIN FIXTURE TO REMAIN.
 - 6 REMOVE FAUCET FROM SERVICE SINK.
 - 7 REMOVE STRAINER ON FLOOR DRAIN, PLUG PIPING 4" BELOW TOP OF SLAB. FILL WITH CONCRETE AND FINISH FLUSH WITH FLOOR.
 - 8 DISCONNECT DISHWASHER, SOAP AND RINSE DISPENSER AND PRE-RINSE. REMOVE BRANCH SUPPLY PIPING TO KITCHEN PLUMBING EQUIPMENT. NOTIFY AND COORDINATE WITH BSD BEFORE START OF WORK IN THIS AREA.

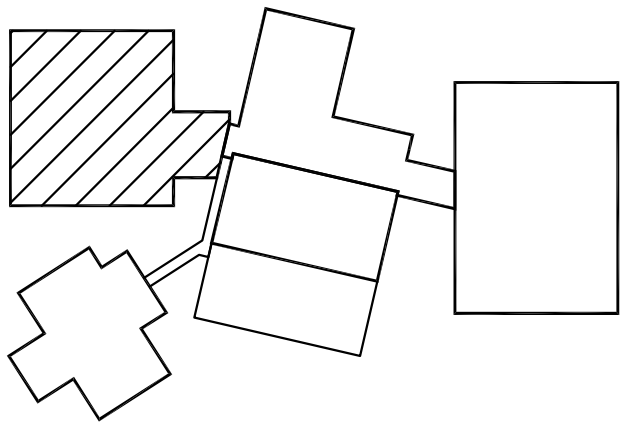
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BFF	BELOW FINISHED FLOOR	U	URINAL
BV	BALANCING VALVE	VTR	VENT THROUGH ROOF
DN	DOWN	WF	WASH FOUNTAIN
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L or LAV	LAVATORY	VTR	VENT THROUGH ROOF
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SYMBOLS

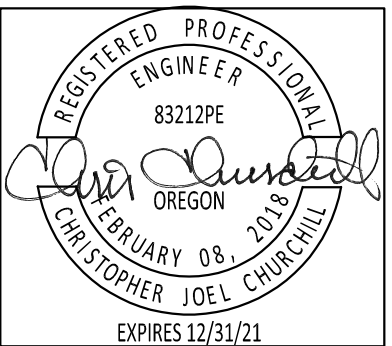
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(C)	CONNECT TO EXISTING
(E)	EXISTING TO REMAIN
(P)	CAP OR PLUG
(R)	REPLACE PART OF FIXTURE
(X)	REMOVE EXISTING

NOTE:
CONTRACTOR TO COORDINATE WITH
BEAVERTON SCHOOL DISTRICT REMOVED
ITEMS TO BE SALVAGED AND PROVIDE
THOSE ITEMS TO THE SCHOOL DISTRICT.



KEY PLAN

PLUMBING - PARTIAL DEMO FLOOR PLAN
1/8" = 1'-0"



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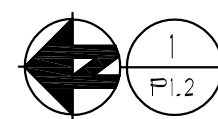
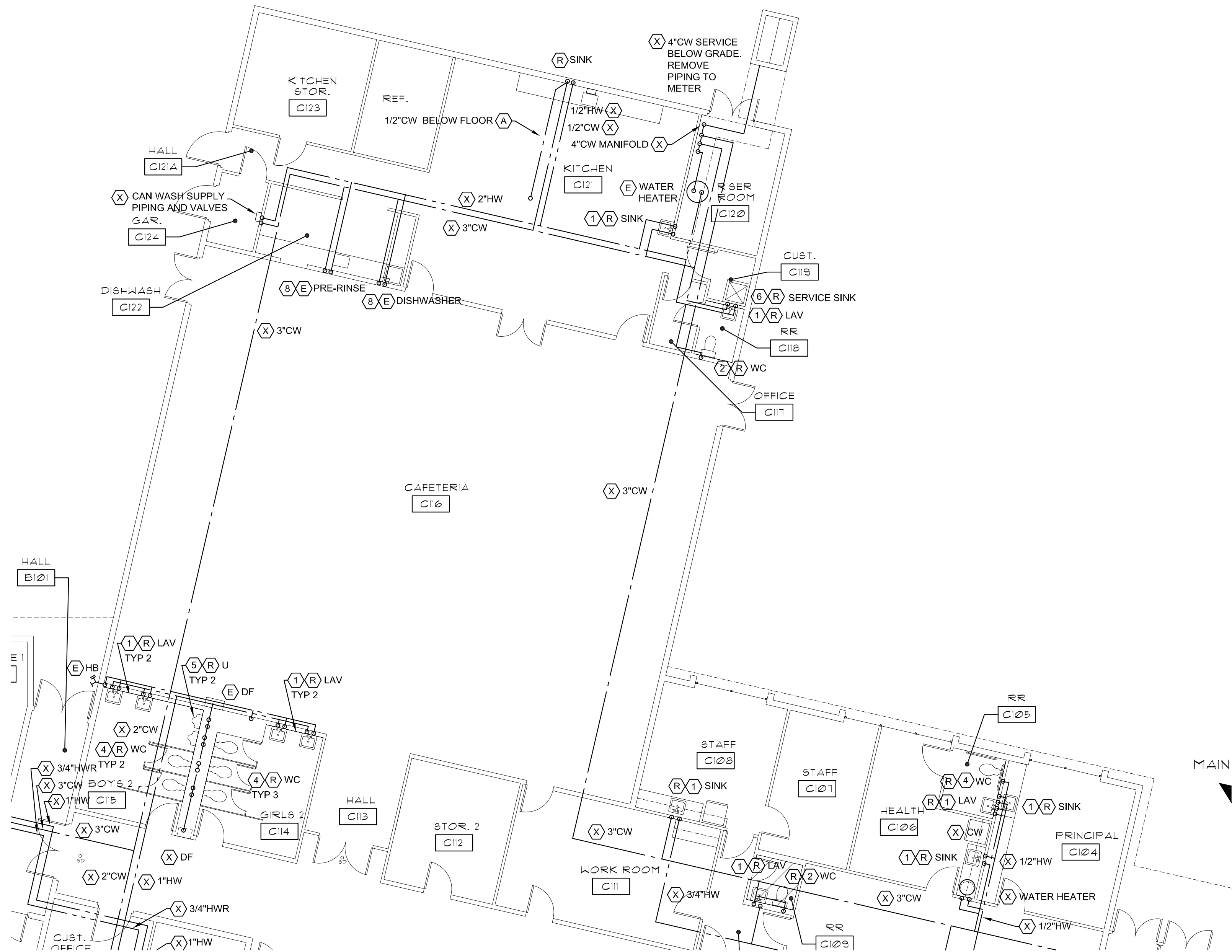
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drawn by: NLB
checked: GCB
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job no.: 19036.00.L

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PLUMBING - PARTIAL DEMO FLOOR PLAN

1/8" = 1'-0"

SHEET NOTES:

- 1) REMOVE EXISTING FAUCET, SUPPLY LINES AND STOPS. SINK BASIN AND WASTE/VENT/DRAIN CONNECTIONS TO SINK TO REMAIN.
- 2) REMOVE AND REPLACE INTERIOR TANK VALVES ON WATER CLOSET WITH MANUFACTURER AND MODEL APPROPRIATE VALVES.
- 3) REMOVE AS MUCH OF PIPING SUPPLYING HOSE BIBB AS CAN BE ACCESSED FOR CONNECTION TO NEW PIPING
- 4) REMOVE FLUSH VALVE AND SUPPLY, WATER CLOSET BOWL TO REMAIN.
- 5) REMOVE FLUSH VALVE AND SUPPLY, URINAL PORCELAIN FIXTURE TO REMAIN.
- 6) REMOVE FAUCET FROM SERVICE SINK.
- 7) REMOVE STRAINER ON FLOOR DRAIN, PLUG PIPING 4" BELOW TOP OF SLAB. FILL WITH CONCRETE AND FINISH FLUSH WITH FLOOR.
- 8) DISCONNECT DISHWASHER, SOAP AND RINSE DISPENSER AND PRE-RINSE. REMOVE BRANCH SUPPLY PIPING TO KITCHEN PLUMBING EQUIPMENT. NOTIFY AND COORDINATE WITH BSD BEFORE START OF WORK IN THIS AREA.

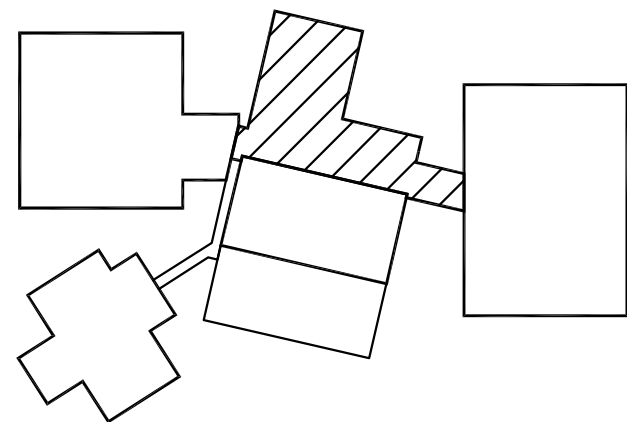
ABBREVIATIONS LEGEND

AFF	ABOVE FINISHED FLOOR	TYP	TYPICAL
BFF	BELOW FINISHED FLOOR	U	URINAL
BV	BALANCING VALVE	VTR	VENT THROUGH ROOF
DN	DOWN	WF	WASH FOUNTAIN
DF	DRINKING FOUNTAIN	WC	WATER CLOSET
L or LAV	LAVATORY	VTR	VENT THROUGH ROOF
IE	INVERT ELEVATION		

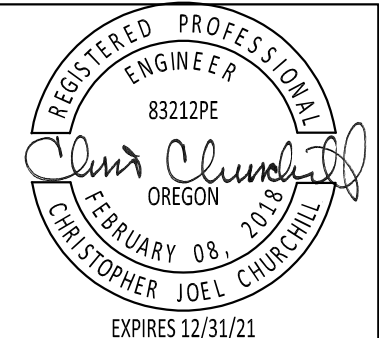
SYMBOLS

(A)	ABANDON
(C)	CONNECT TO EXISTING
(E)	EXISTING TO REMAIN
(P)	CAP OR PLUG
(R)	REPLACE PART OF FIXTURE
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NOTE:
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KEY PLAN



BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
AND RESTROOM REMODEL
1998 NW 143RD AVENUE, PORTLAND, OREGON

97229

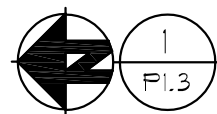
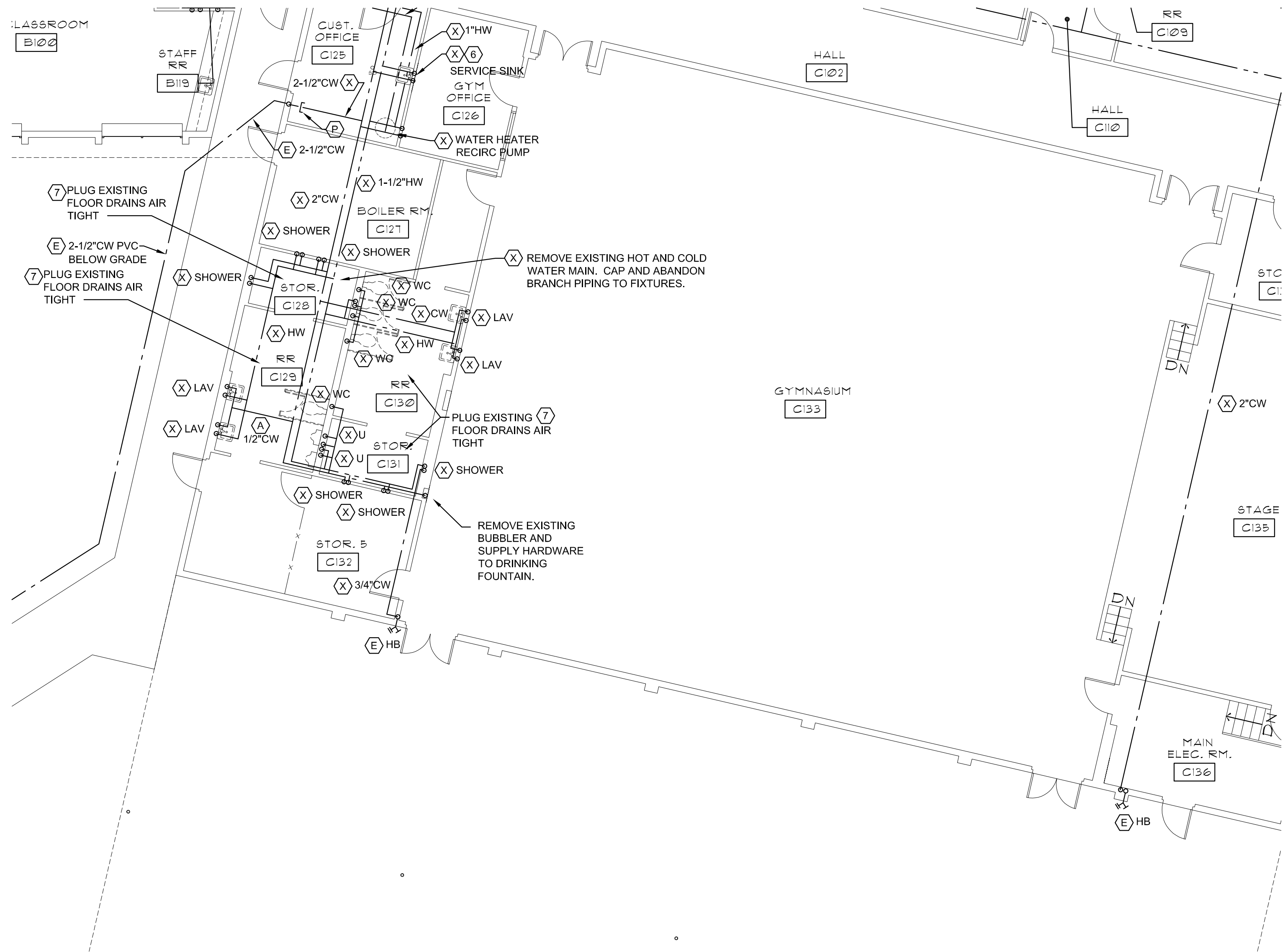
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date: 01/06/2020
drawn by: NLB
checked: GCB
BID SET

job no.: 19036.00.L

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P1.2



PLUMBING - PARTIAL DEMO FLOOR PLAN

1/8" = 1'-0"

SHEET NOTES:

- 1) REMOVE EXISTING FAUCET, SUPPLY LINES AND STOPS. SINK BASIN AND WASTE/VENT/DRAIN CONNECTIONS TO SINK TO REMAIN.
- 2) REMOVE AND REPLACE INTERIOR TANK VALVES ON WATER CLOSET WITH MANUFACTURER AND MODEL APPROPRIATE VALVES.
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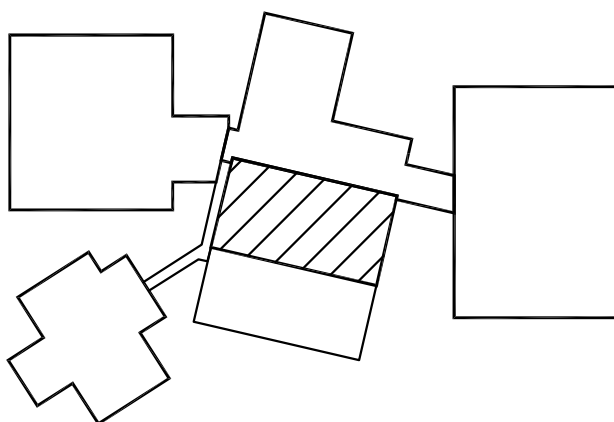
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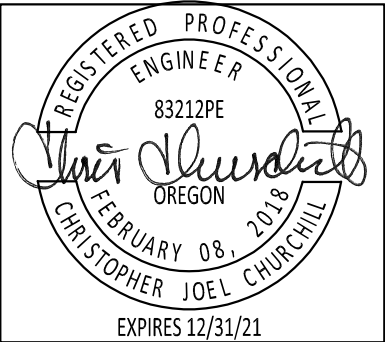
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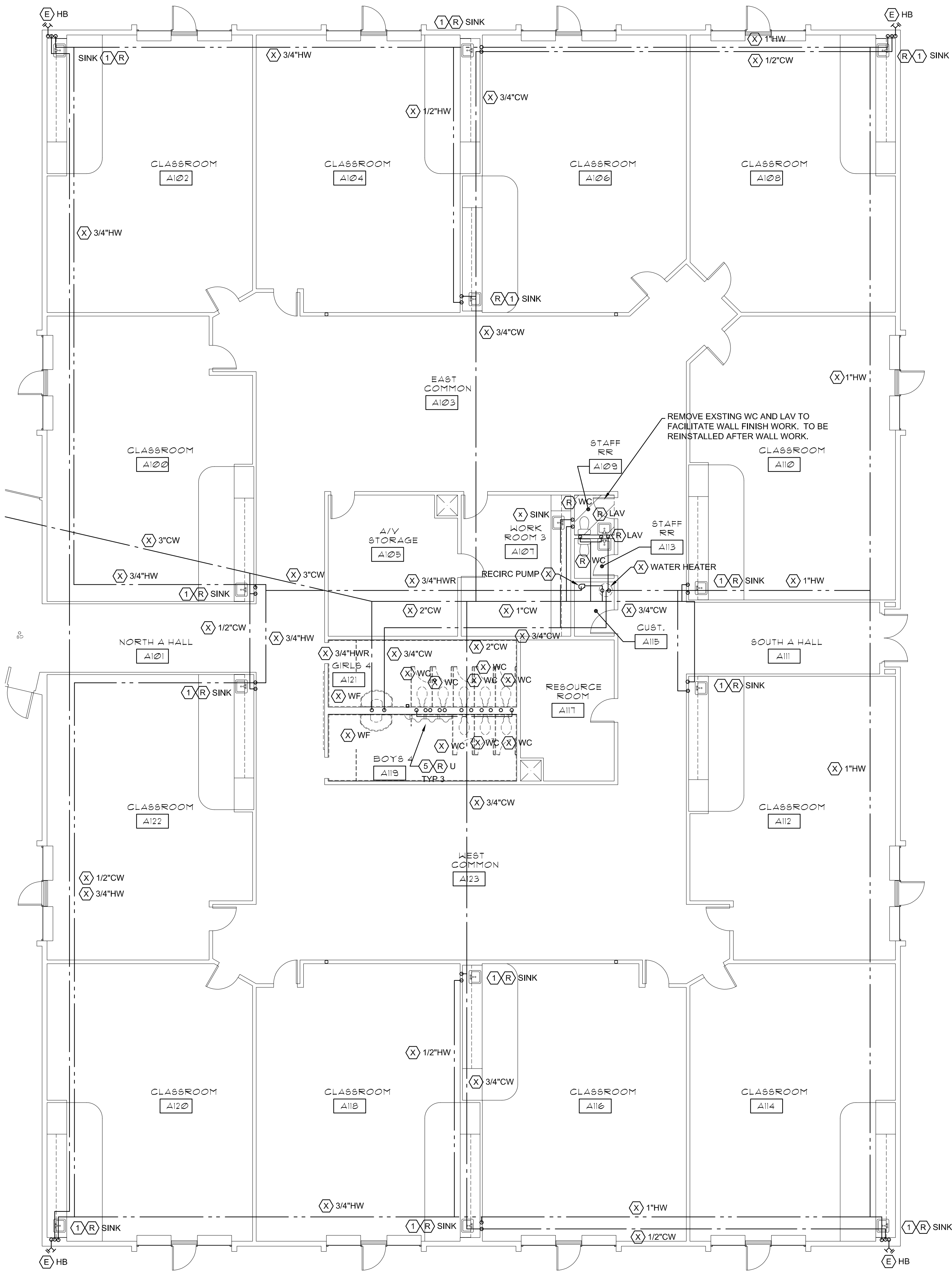
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P1.3



SHEET NOTES:

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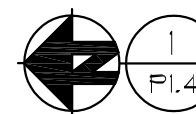
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SYMBOLS

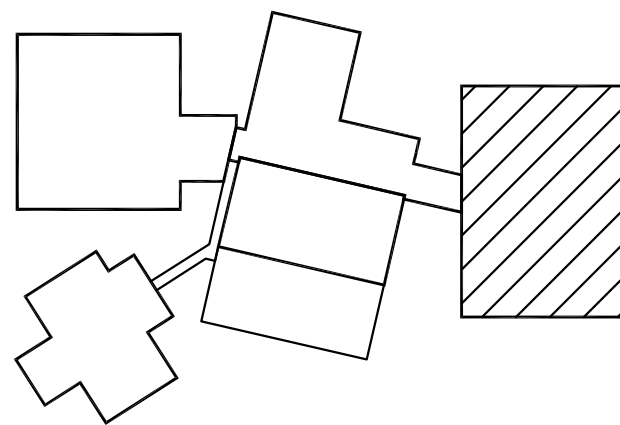
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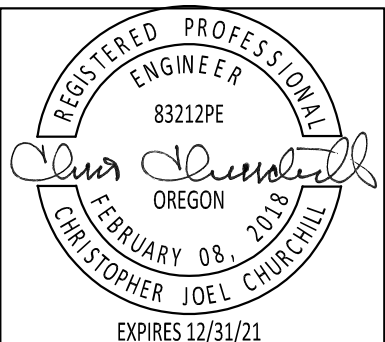
PLUMBING - PARTIAL DEMO FLOOR PLAN

P1.4 1/8" = 1'-0"



KEY PLAN

BEAVERTON
SCHOOL DISTRICT



BBL ARCHITECTS
ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN
200 North State Street ■ Lake Oswego, Oregon 97034

BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
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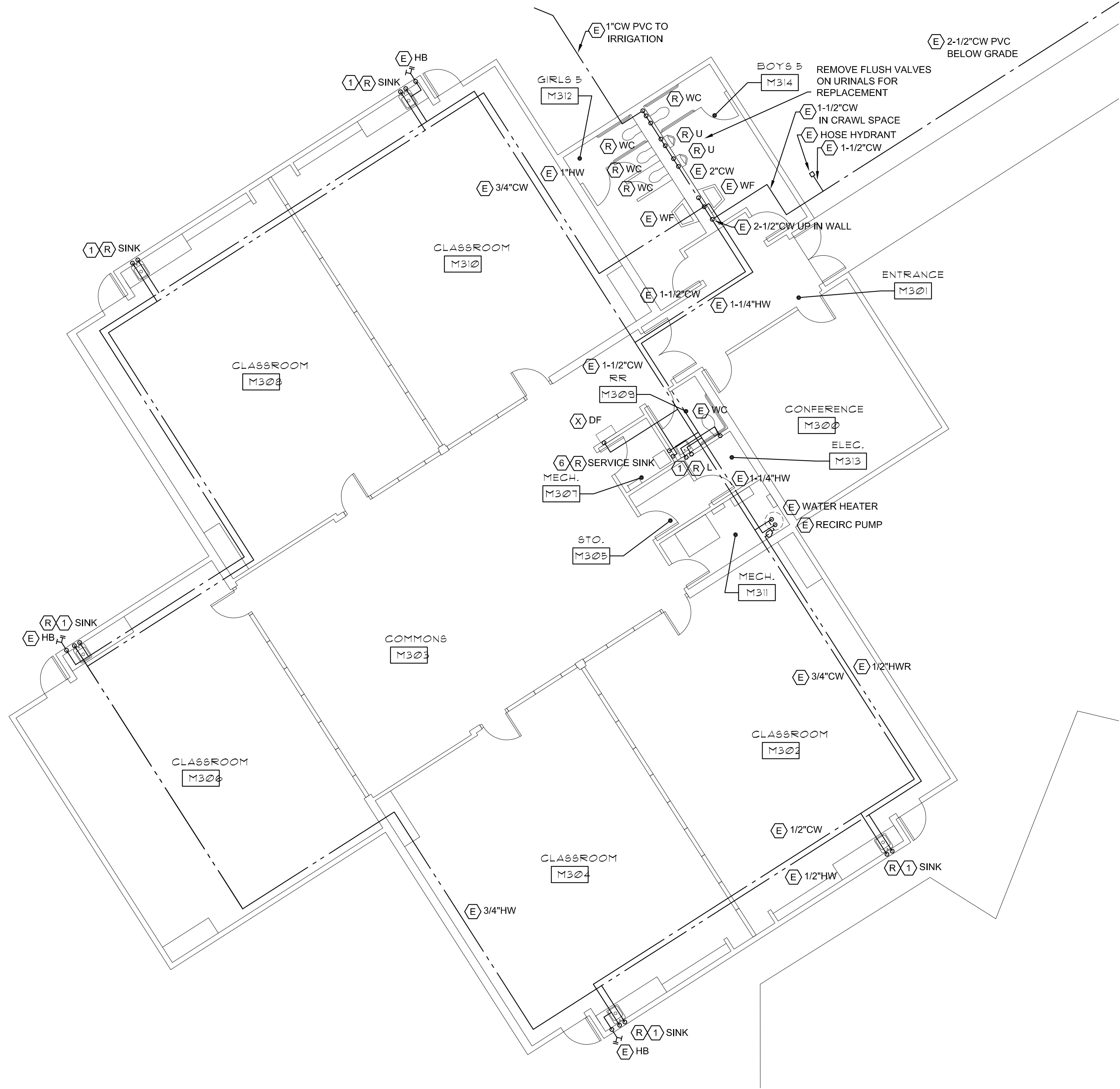
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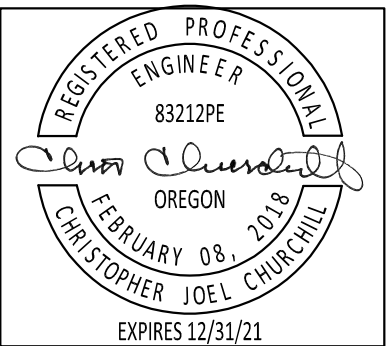
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P1.4



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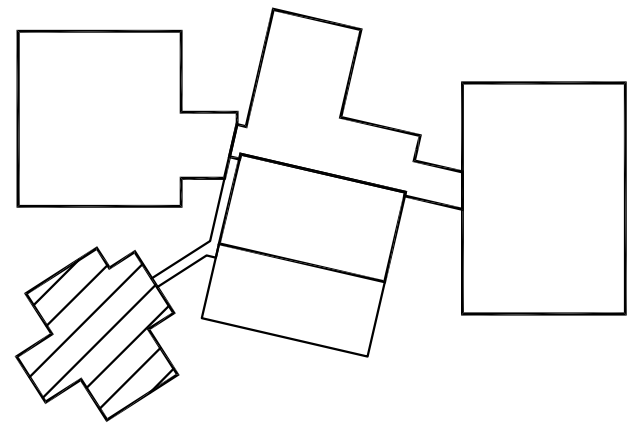


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1998 NW 143RD AVENUE, PORTLAND, OREGON

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PLUMBING - PARTIAL DEMO FLOOR PLAN
1/8" = 1'-0"

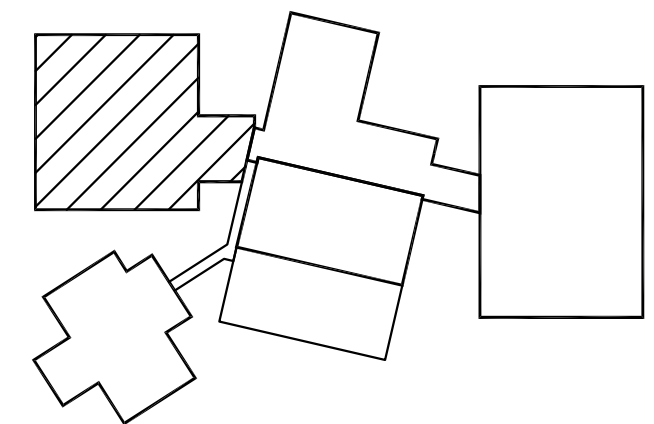


KEY PLAN



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P1.5



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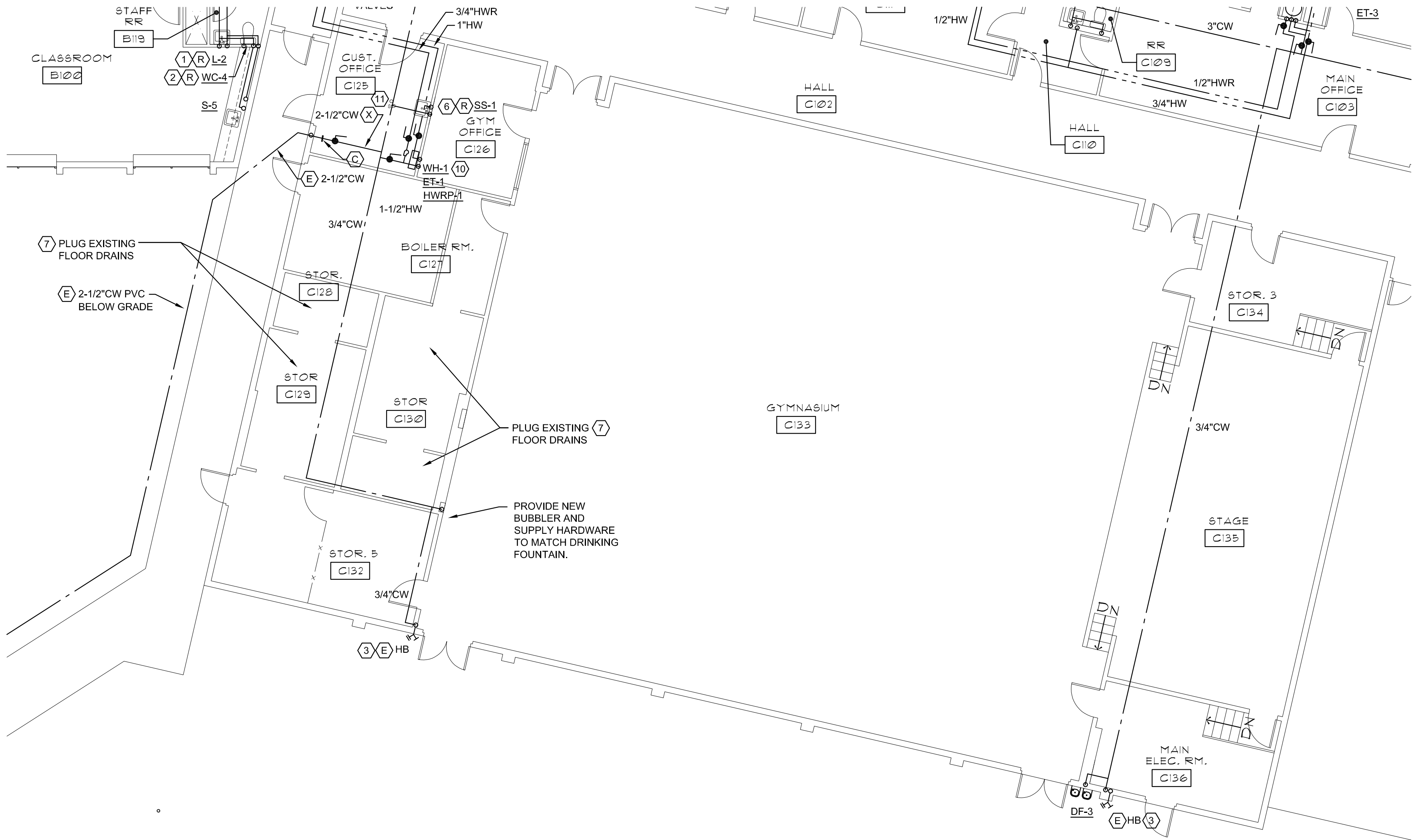
P2.1

$$1/\mathcal{B}^n = 1' - \mathcal{O}''$$



PLUMBING FLOOR PLAN

1/8" = 1'-0"



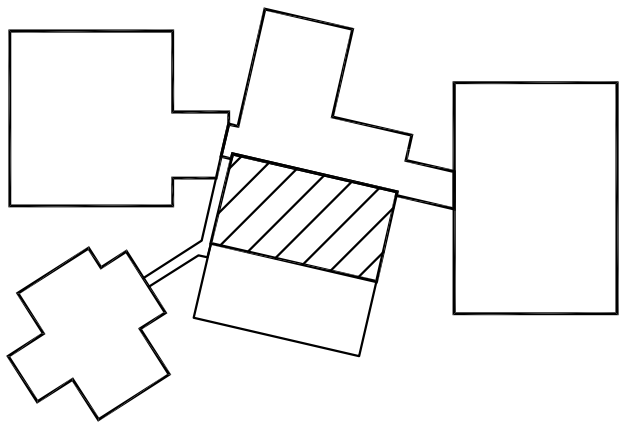
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ABBREVIATIONS LEGEND

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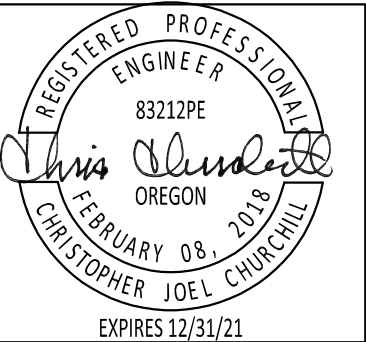
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KEY PLAN

1 PLUMBING FLOOR PLAN
P2.3 1/8" = 1'-0"



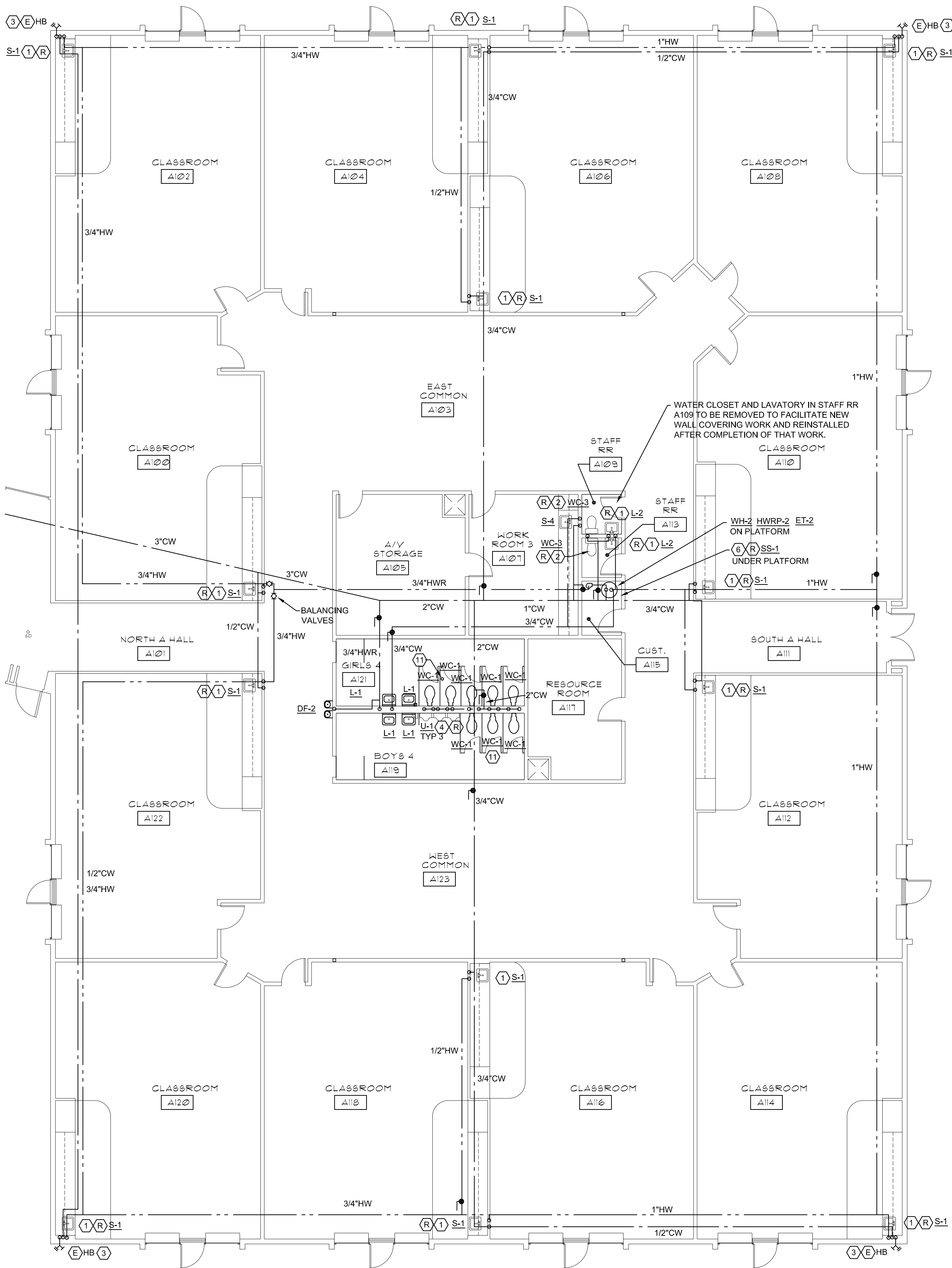
BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
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1998 NW 143RD AVENUE, PORTLAND, OREGON

97229

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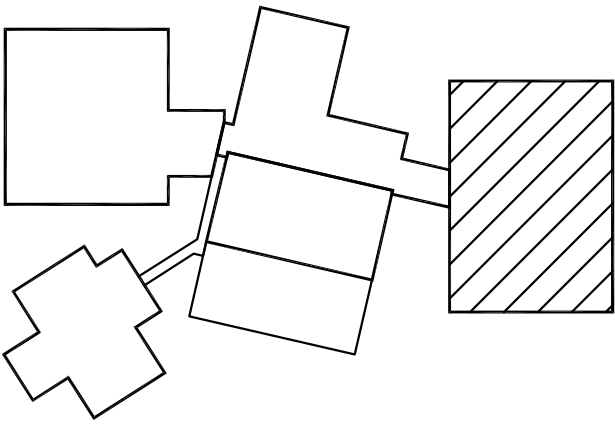
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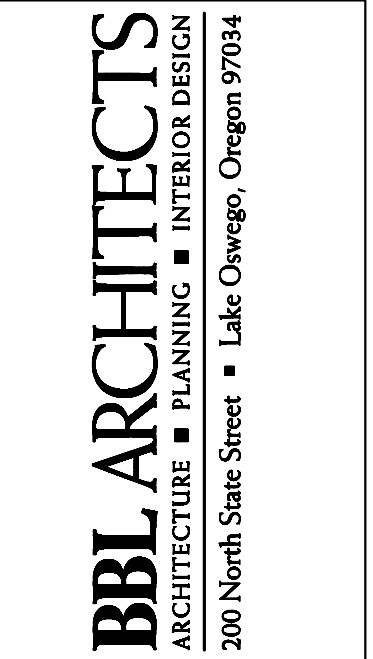
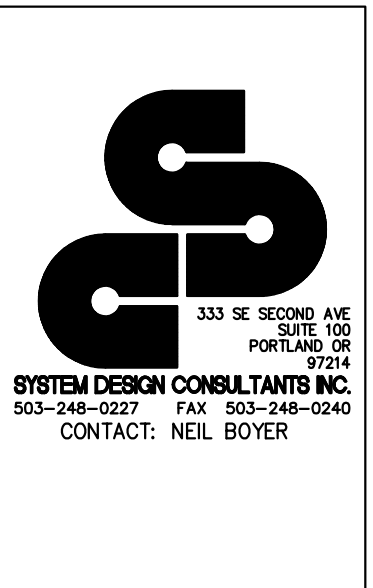
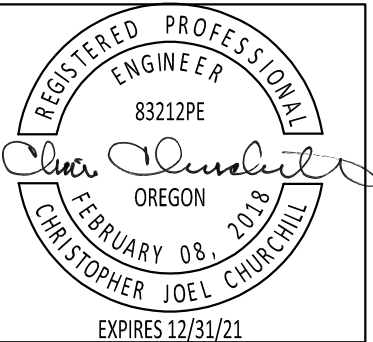
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PLUMBING FLOOR PLAN
P2.4 1/8" = 1'-0"



KEY PLAN

BEAVERTON
SCHOOL DISTRICT



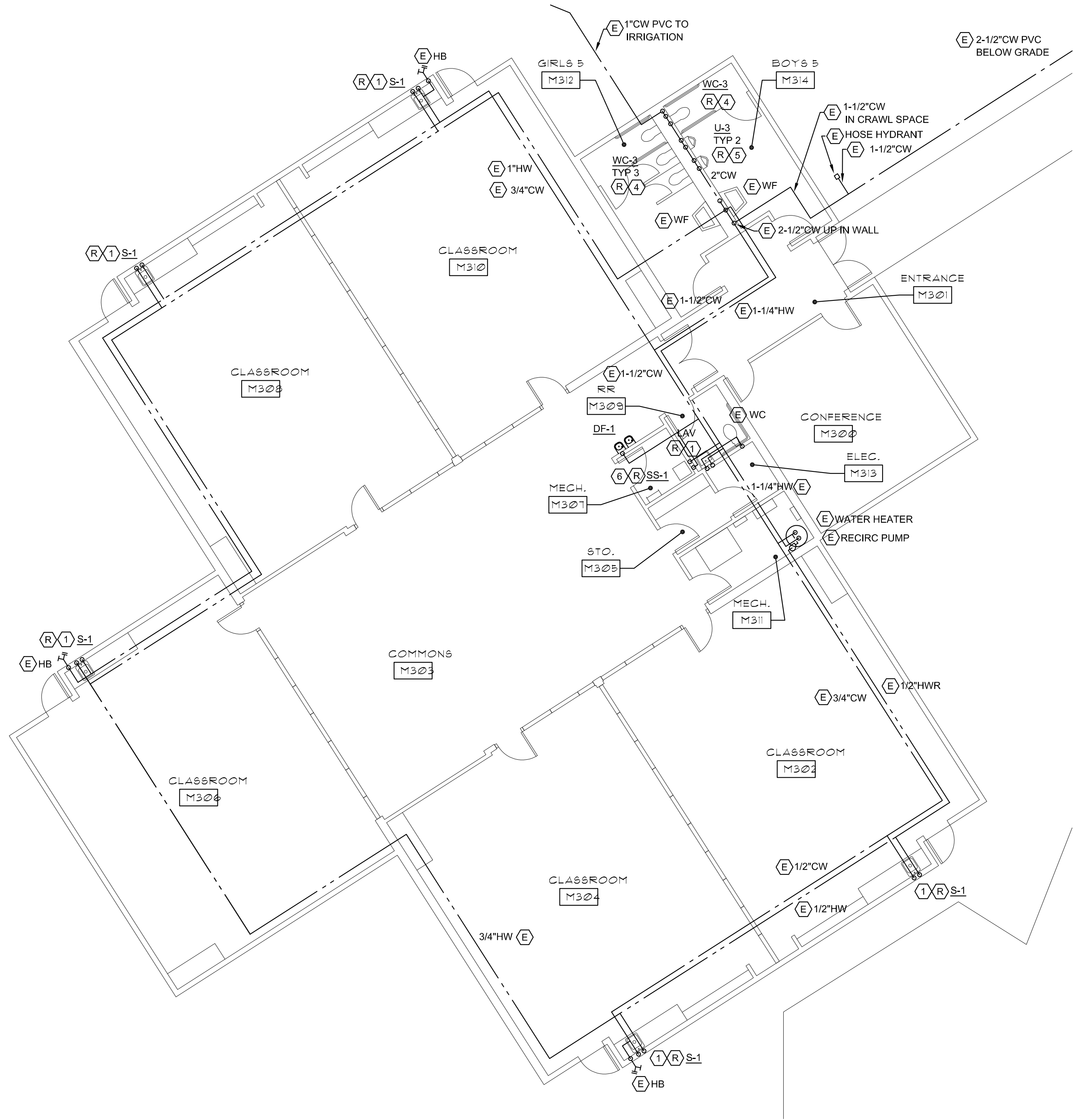
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P2.4



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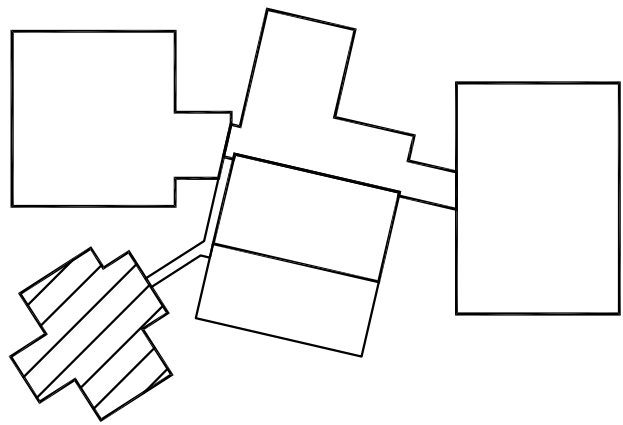
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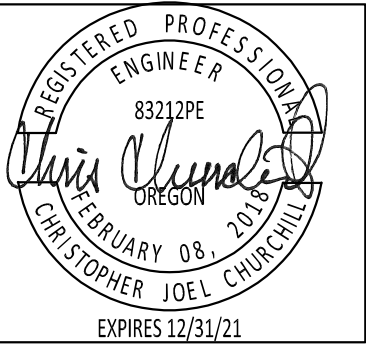
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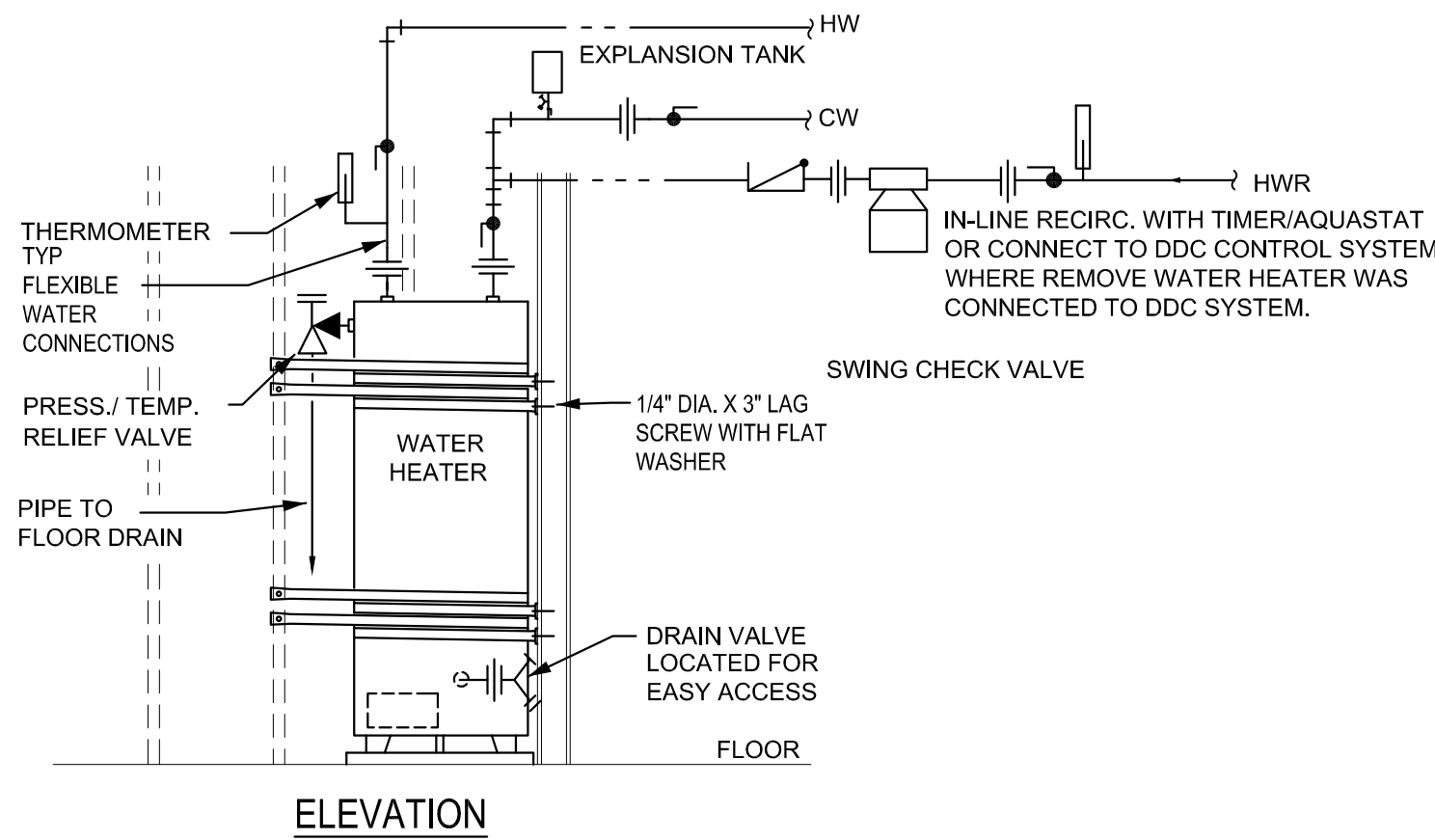
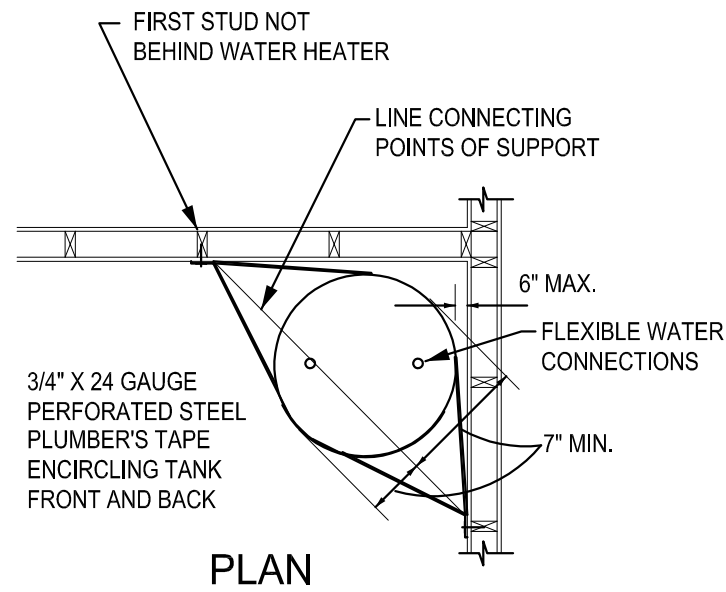
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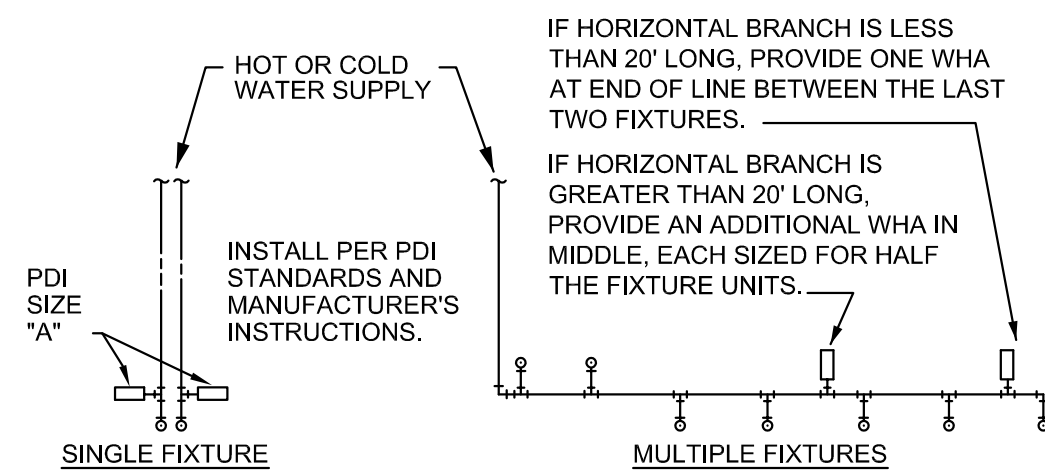
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Sheet
P2.5



1 WATER HEATER

P3.1 DIAGRAMMATIC



PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

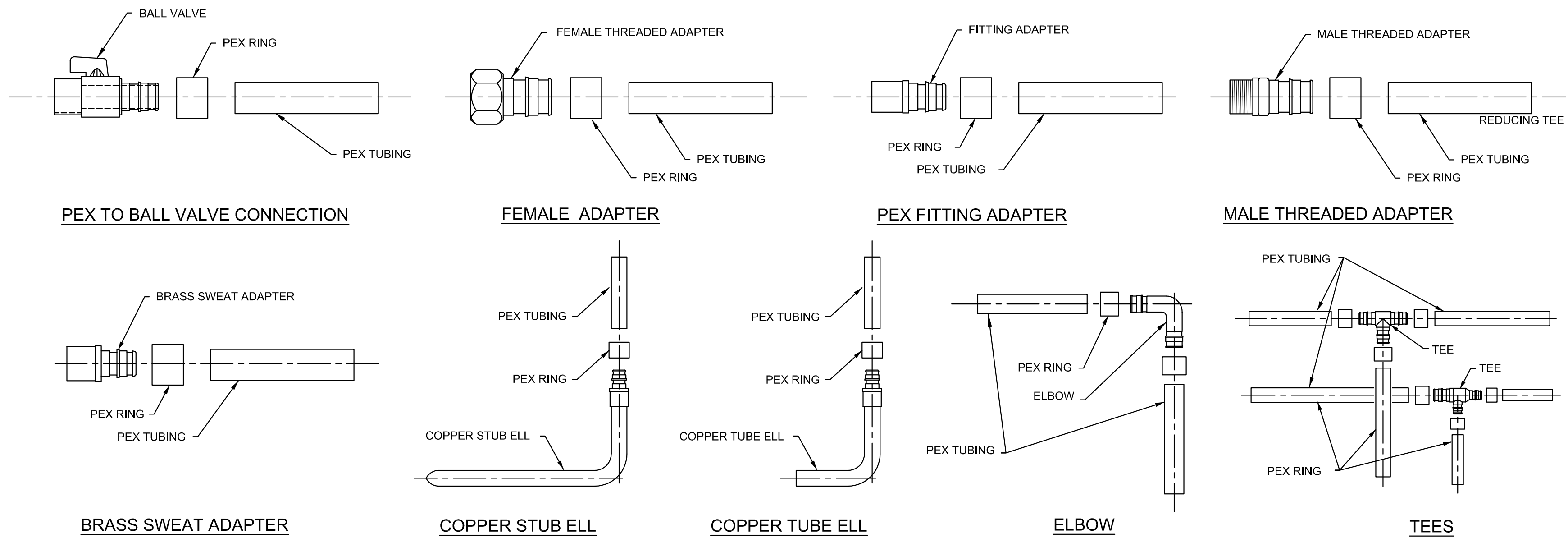
FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
WATER CLOSET	10	--
URINAL	5	--
LAVATORY/HAND SINK	1.5	1.5
SINK/JANITOR'S SINK	3	3

PLUMBING CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS BY JAY R. SMITH, 5000 SERIES, STAINLESS STEEL CONSTRUCTION WITH HEAVY DUTY BELLOWS, HAVING PDI #WH-201 CERTIFICATION. INSTALL IN THE HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. PROVIDE ACCESS DOOR FOR SERVING.

2 WATER HAMMER ARRESTORS

P3.1 SCALE: NONE

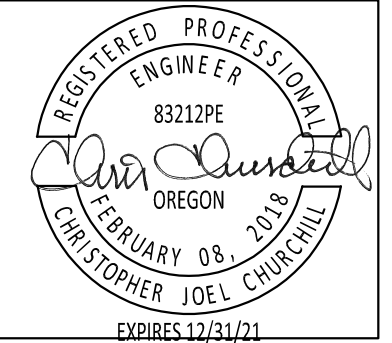
PEX DETAILS FOR REFERENCE. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO BEAVERTON SCHOOL DISTRICT FOR REVIEW AND COORDINATION PRIOR TO START OF CONSTRUCTIONS.



- NOTE:
1. SEE MANUFACTURERS INSTRUCTIONS PRIOR TO STARTING WORK.
 2. ALL PEX CONNECTIONS TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
 3. ALL PEX USE REQUIRES WRITTEN APPROVAL FROM BSD, PRIOR TO STARTING WORK.

3 PEX CONNECTION DETAILS

P3.1 SCALE: NONE



BBL ARCHITECTS
ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN
200 North State Street ■ Lake Oswego, Oregon 97034

BEAVERTON SCHOOL DISTRICT
TERRA LINDA ELEMENTARY SCHOOL RE-PIPE
AND RESTROOM REMODEL
1998 NW 143RD AVENUE, PORTLAND, OREGON

97229

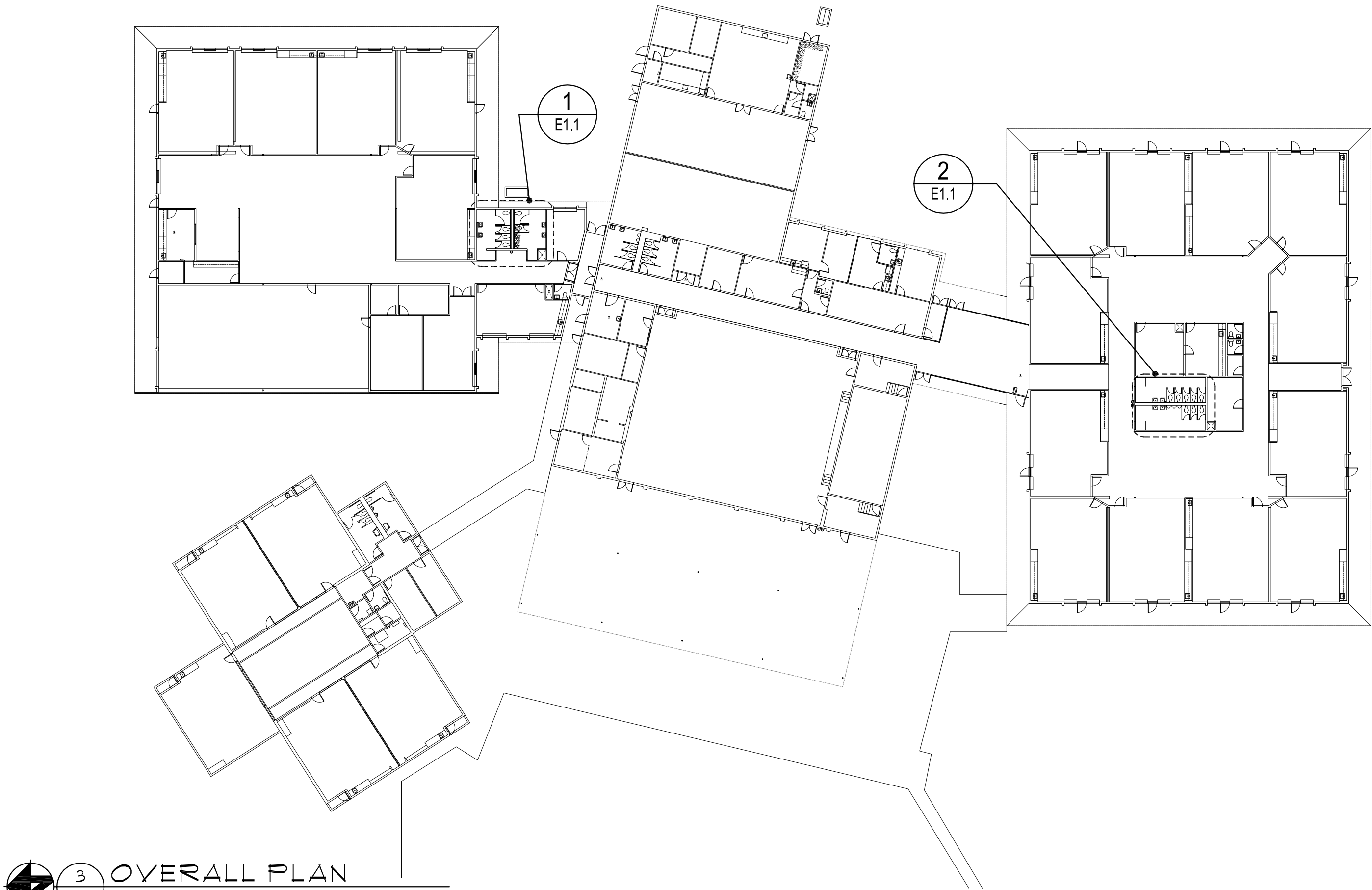
LINE IS 2 INCHES
AT FULL SCALE
(IF NOT 2 INCHES THEN
SCALE ACCORDINGLY)

date: 01/06/2020
drawn by: NLB
checked: GCB
BID SET

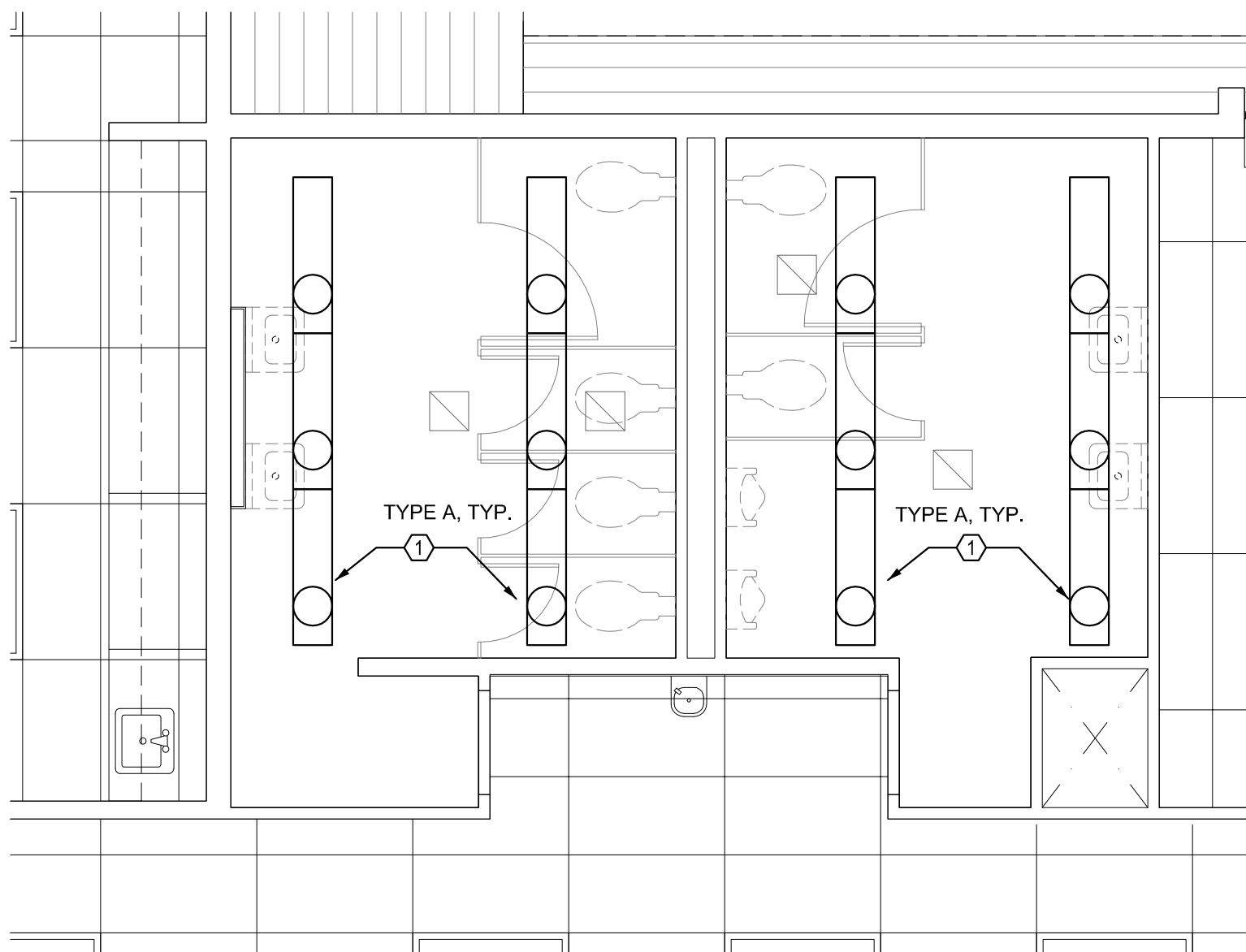
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Sheet
P3.1

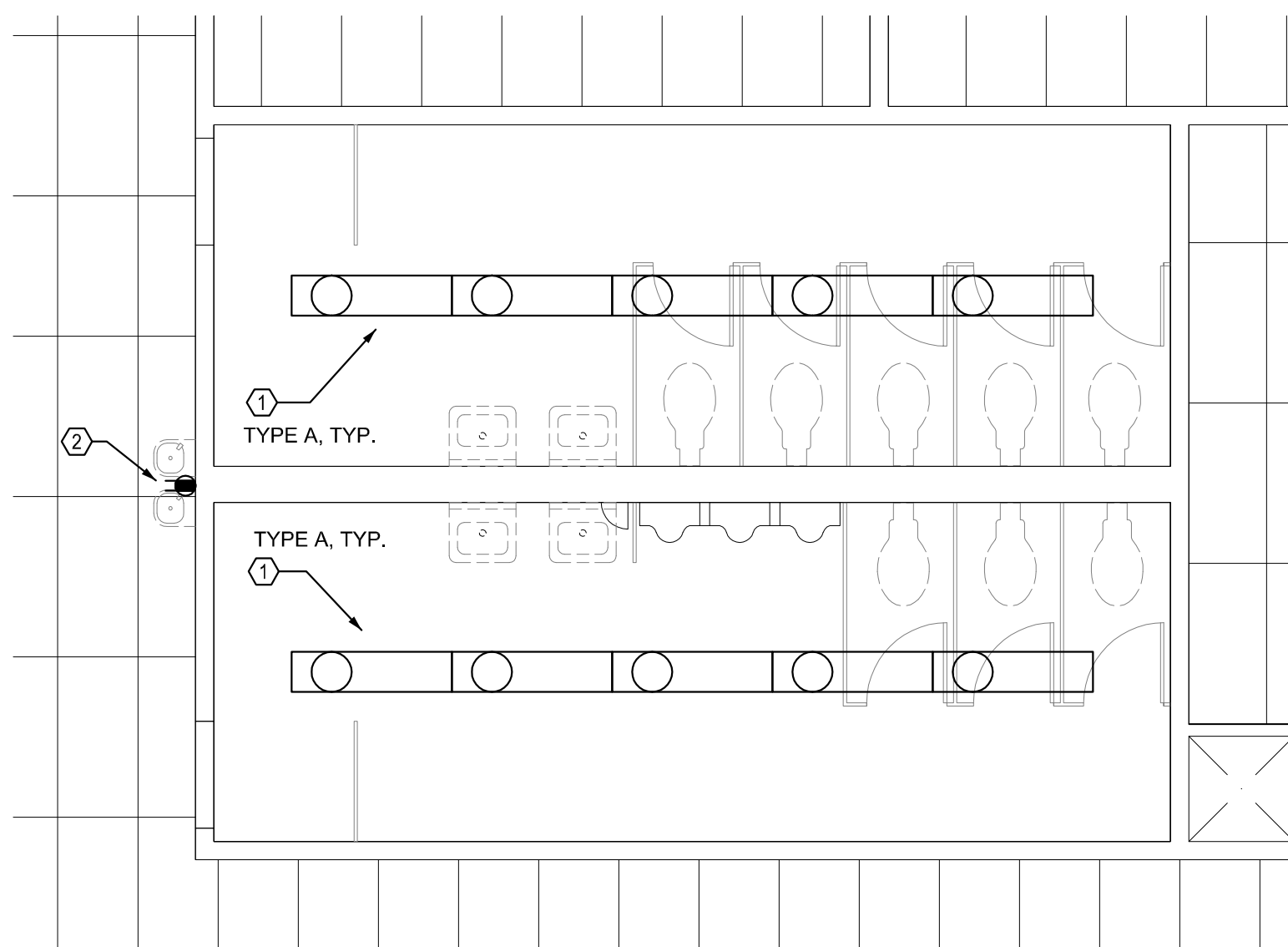




3 OVERALL PLAN
E1.1 1/32" = 1'-0"



1 LIGHTING PLAN
E1.1 1/4" = 1'-0"



2 LIGHTING PLAN
E1.1 1/4" = 1'-0"

GENERAL NOTES

1. REUSE EXISTING LIGHTING CIRCUITS IN RESTROOMS FOR NEW LIGHTING.

KEYED SHEET NOTES

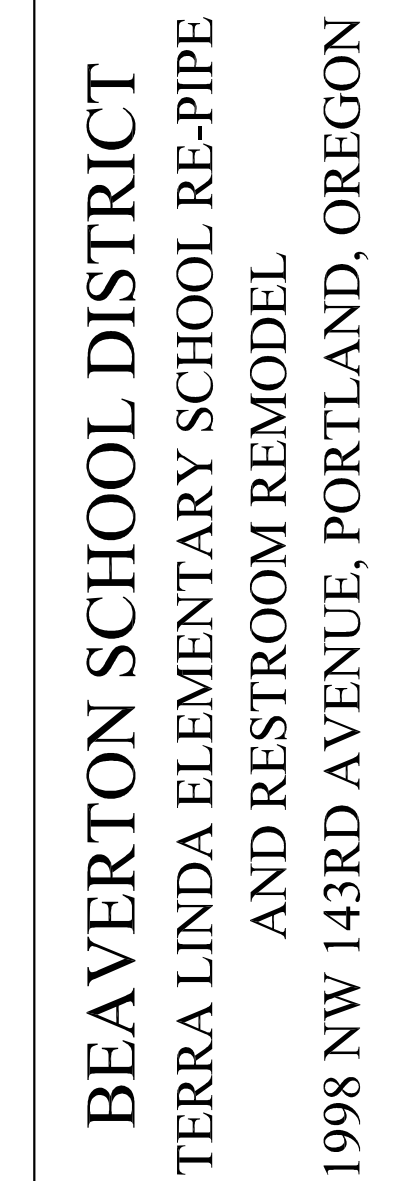
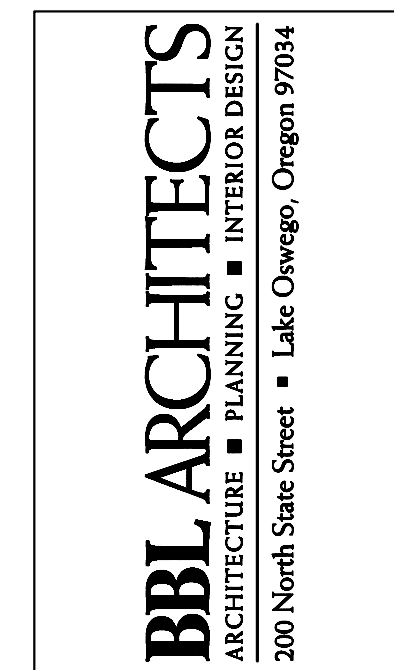
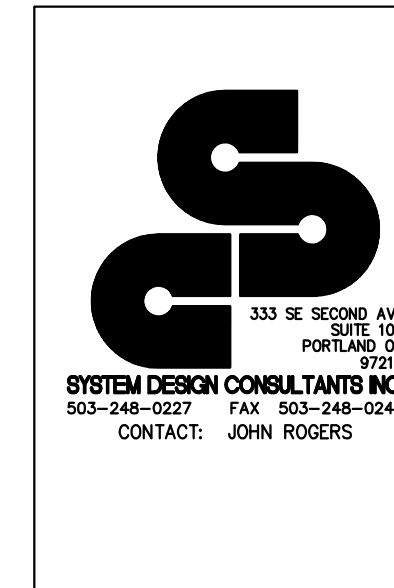
1. PROVIDE MATERIAL AND LABOR TO REMOVE EXISTING LUMINAIRES AND REPLACE WITH NEW.
2. NEW ELECTRIC WATER COOLER. PROVIDE 120V GFCI RECEPTACLE, CONNECT TO HALLWAY RECEPTACLE CIRCUIT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING.

LUMINAIRE SCHEDULE

- A SURFACE MOUNTED LED NARROW BODY WRAPAROUND LUMINAIRE, 3000 LUMENS, 3500K, UNIVERSAL VOLTAGE, LITHONIA LBL4-30L-EZ1-LP835, DAY-BRITE, METALUX OR APPROVED EQUIVALENT.

ELECTRICAL LEGEND

- (S) ELECTRICAL KEYED SHEET NOTE DESIGNATOR
- (E) (E) EXISTING TO REMAIN
- (R) (R) EXISTING TO BE RELOCATED
- (X) (X) EXISTING TO BE REMOVED
- (S) LUMINAIRE: SURFACE
- (E) (E) WALL RECEPTACLE: DUPLEX, DUPLEX GFCI



LINE IS 2 INCHES
AT FULL SCALE
(IF NOT 2 INCHES THEN
SCALE ACCORDINGLY)

date: 01/06/2020
drawn by: JFR
checked: JJD
BID SET

job no.: 19036.00.L

Sheet
E1.1

