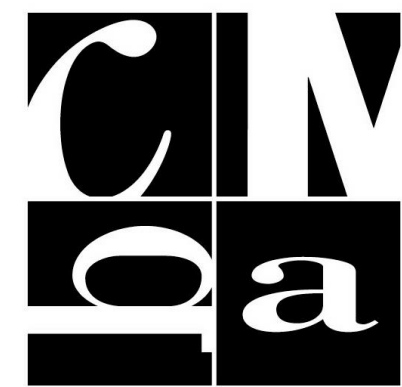


# CENTRAL LYON COM. SCHOOL DISTRICT

## ELEM. SCHOOL RR / LR REMODEL - PHASE 2

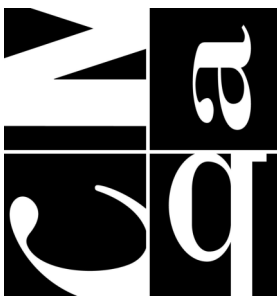
### ROCK RAPIDS, IOWA



CMBA ARCHITECTS  
302 JONES STREET, STE 200 • SIOUX CITY, IA 51101 • (P) 712.274.2933

#### SHEET INDEX

<b>GENERAL</b>	
T.01	TITLE SHEET
<b>ARCHITECTURAL</b>	
A0.00	ARCHITECTURAL NOTES
A2.01	FLOOR 01 - FLOOR PANS
A2.02	FLOOR 02 - FLOOR PLANS
A2.03	FLOOR 02 - ALTERNATE PLANS
A5.01	REFLECTED CEILING PLANS AND SCHEDULES
A6.01	INTERIOR ELEVATIONS
A6.02	INTERIOR ELEVATIONS
A6.03	INTERIOR ELEVATIONS (ALTERNATE)
<b>MECHANICAL</b>	
MD1.1	EXISTING FLOOR 1 - PLUMBING DEMOLITION
MD1.2	EXISTING FLOOR 2 - PLUMBING DEMOLITION
MD2.1	EXISTING FLOOR PLANS - HVAC DEMOLITION
M1.1	FLOOR PLANS - PLUMBING
M1.2	FLOOR PLANS - PLUMBING
M2.1	RISER DIAGRAMS AND SCHEDULES - PLUMBING
M3.1	FLOOR PLANS, DETAILS & SCHEDULES - HVAC
<b>ELECTRICAL</b>	
ED1.1	EXISTING FLOOR PLANS - ELECTRICAL DEMOLITION
E1.1	FLOOR PLANS - ELECTRICAL
E2.1	ELECTRICAL DETAILS & SCHEDULES



DATE: 02-03-2020  
PROJECT: SC19156

TITLE SHEET

CENTRAL LYON COM. SCHOOL DISTRICT  
ELEM. SCHOOL RR / LR REMODEL - PHASE 2  
ROCK RAPIDS, IOWA

#### PROFESSIONAL SEALS

<p>I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly Licensed Architect under the laws of the State of _____</p> <p>Signature: _____ Date: _____</p> <p>Printed or typed name: <b>TERRY J. GLADE</b></p> <p>License Number: <b>3749</b></p> <p>My license renewal date is June 30, <b>2020</b>.</p> <p>Pages or sheets covered by this seal:  <input type="checkbox"/> T.01, A0.00, A2.01, A2.02, A2.03, A5.01 A6.01, A6.02, A6.03</p>	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of _____</p> <p>Signature: _____ Date: _____</p> <p>Printed or typed name: <b>NORMAN R. TEKRONY</b></p> <p>My License renewal date is: 12/31/2021</p> <p>Pages or sheets covered by this seal:  <input type="checkbox"/> MD-1.1, MD1.2, MD2.1, M1.1, M1.2, M2.1, M3.1</p> <p>Date Issued: _____</p>	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of _____</p> <p>Signature: _____ Date: _____</p> <p>Printed or typed name: <b>ANDREW J. LANDMAN</b></p> <p>My License renewal date is: 12/31/2020</p> <p>Pages or sheets covered by this seal:  <input type="checkbox"/> ED1.1, E1.1, E2.1</p> <p>Date Issued: _____</p>
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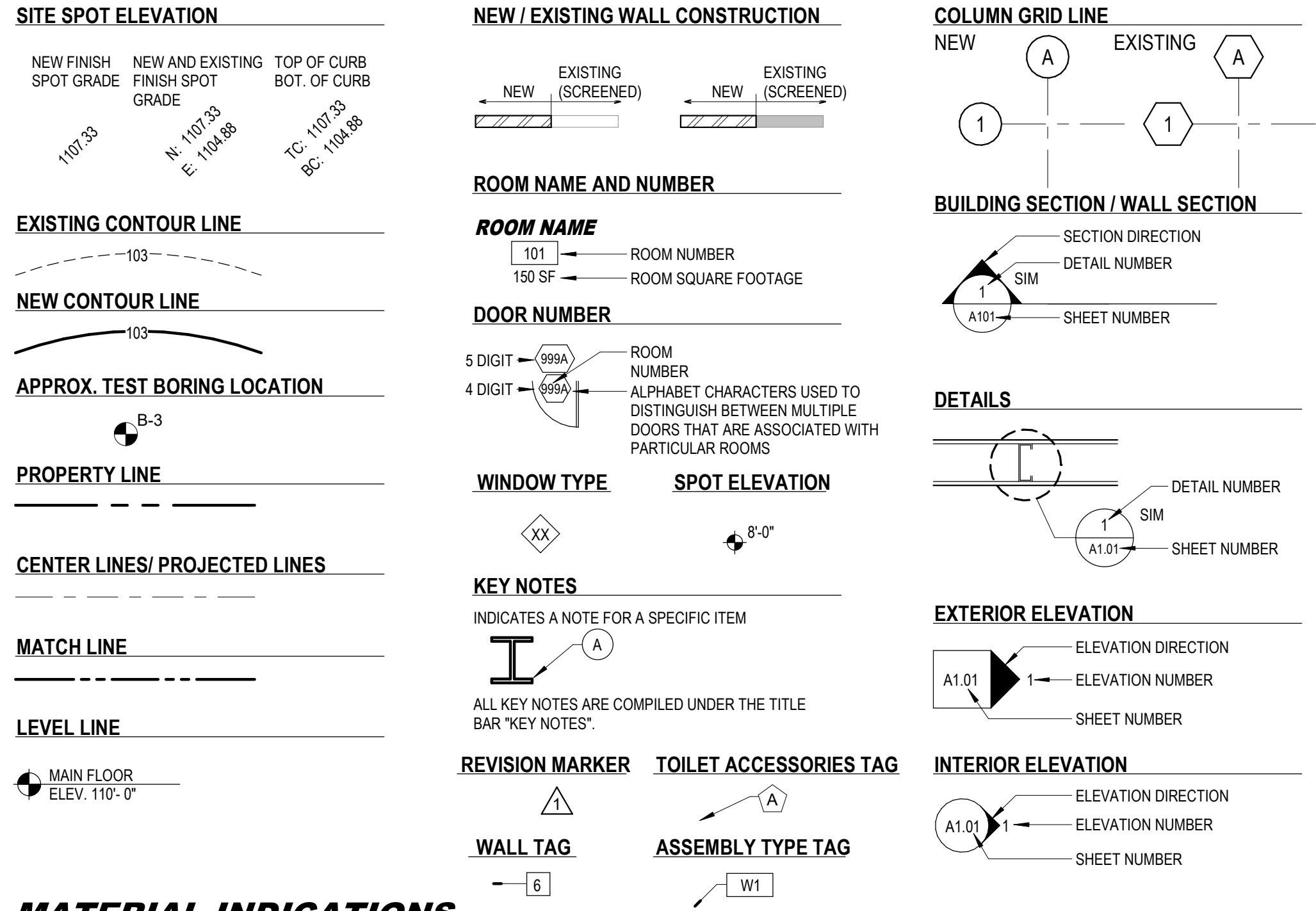
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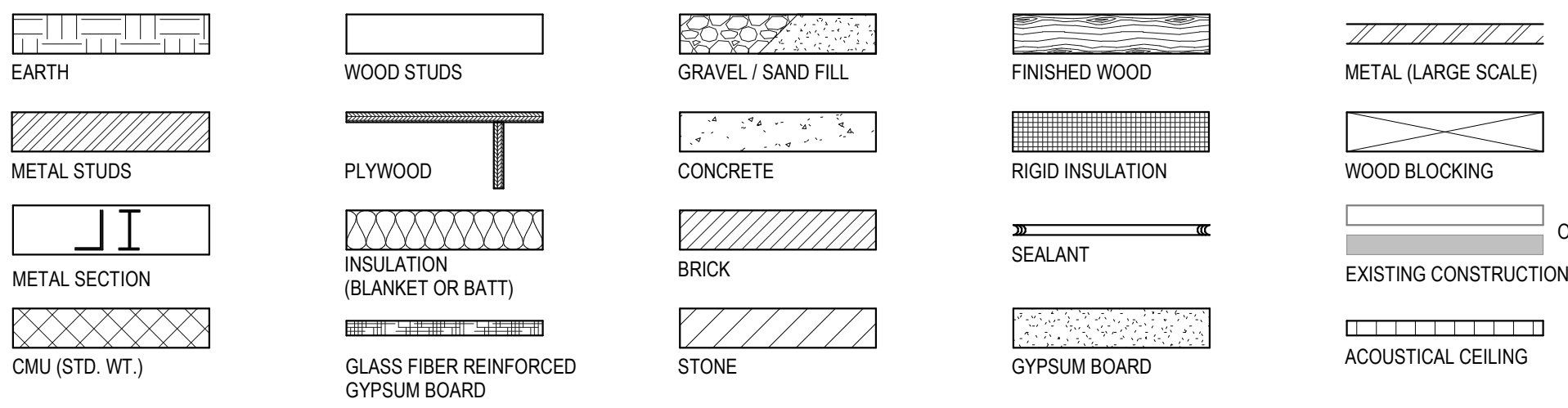
**ABBREVIATIONS**

AFB	ABOVE FINISH FLOOR	MAX.	MAXIMUM
ACT	ACOUSTICAL CEILING TILE	MECH.	MECHANICAL
ALT.	ALTERNATE	MFR.	MANUFACTURER
ALUM.	ALUMINUM	MIN.	MINIMUM
APC	ACOUSTIC PANEL CEILING	MISC.	MISCELLANEOUS
APPROX.	APPROXIMATE	MO	MASONRY OPENING
ARCH.	ARCHITECT (URAL)	MTL.	METAL
BD.	BOARD	MULL.	MULLION
BLDG.	BUILDING	NIC	NOT IN CONTRACT
BLKG.	BLOCKING	NOM.	NOMINAL
BOT.	BOTTOM	NTS	NOT TO SCALE
B.O.	BOTTOM OF	OC	ON CENTER
BRG.	BEARING	OD	OVERFLOW DRAIN
BUR	BUILT UP ROOF	OPG.	OPENING
CG	CORNER GUARD	PLAM.	PLASTIC LAMINATE
CJ	CONTROL JOINT	PLAS.	PLASTER
CL / C.L.	CENTERLINE	PT.	PAINT
CLG	CEILING	PTD	PAPER TOWEL DISPENSER
CMU	CONCRETE MASONRY UNIT	QT	QUARRY TILE
COL.	COLUMN	RA	RETURN AIR
CONC.	CONCRETE	R / RAD.	RADIUS
CONST.	CONSTRUCTION	RB	RUBBER BASE
CONT.	CONTINUOUS	RD	ROOF DRAIN
CORR.	CORRIDOR	REF.	REFERENCE, REFER TO
CPT	CARPET	REFL.	REFLECTIVE
CT	CERAMIC TILE	REFR.	REFRIGERATOR
D.	DEEP	REINF.	REINFORCE (D) (ING)
DF	DRINKING FOUNTAIN	REQ.	REQUIRED
DIA.	DIAMETER	REV.	REVISION (S), REVISED
DIM.	DIMENSION	RVT	RIGHT HAND RETURN
DN.	DOWN	RM.	ROOM
DS	DOWNSPOUT	RO	ROUGH OPENING
DTL.	DETAIL	R.O.W.	RIGHT OF WAY
DWG.	DRAWING	RTU	ROOF TOP UNIT
EA	EACH	RVT	REINFORCED VINYL TILE
EJ	EXPANSION JOINT	SA	SUPPLY AIR
EL.	ELEVATION	SAFB	SOUND ATTENUATING FIBERGLASS BATTS
ELEC.	ELECTRICAL	SD	SOAP DISPENSER
ELEV.	ELEVATOR	SCHED.	SCHEDULE
EQ.	EQUAL	SF	SQUARE FEET
EQUIP.	EQUIPMENT	SHT.	SHEET
EW	ELECTRIC WATER COOLER	SHTG.	SHEATHING
EW	EACH WAY	SIM.	SIMILAR
EXH.	EXHAUST	SPEC	SPECIFICATION
EXIST.	EXISTING	SS	STAINLESS STEEL
EXP.	EXPOSED	STD.	STANDARD
EXT.	EXTERIOR	STL.	STEEL
FD	FLOOR DRAIN	STOR.	STORAGE
FE	FIRE EXTINGUISHER	STRUCT.	STRUCTURAL
FEC	FIRE EXTINGUISHER CABINET	SUSP.	SUSPENDED
FIN.	FINISH (ED)	TERR.	TERRAZZO
FLR.	FLOOR	TRK.	TRICK (NESS)
FND.	FOUNDATION	T.O.	TOP OF
FR	FIRE RATED / FIRE RESISTANT	T.O.B.	TOP OF BEAM
FTG.	FOOTING	T.O.C.	TOP OF CONCRETE
GA.	GAUGE	T.O.F.	TOP OF FOOTING
GALV.	GALVANIZED	T.O.W.	TOP OF WALL
GC	GENERAL CONTRACTOR	TPD	TOILET PAPER DISPENSER
GYP.	GYPSON	TV	TELEVISION
GW	GYPSON WALL BOARD	TYP.	TYPICAL
HDW.	HARDWARE	U.	URINAL
HM	HOLLOW METAL	VAR.	VARIES
HORIZ.	HORIZONTAL	VIF	VERIFY IN FIELD
HVAC	HEATING, VENTILATING, AIR CONDITIONING	VB	VINYL BASE
INT.	INTERIOR	VERT.	VERTICAL
JST.	JOIST	WC	WATER CLOSET
JT.	JOINT	WD	WOOD
KIT.	KITCHEN	WB	WEATHER BARRIER
LAV.	LAVATORY	WWF	WELDED WIRE FABRIC
LHR	LEFT HAND RETURN		
LT.	LIGHT		

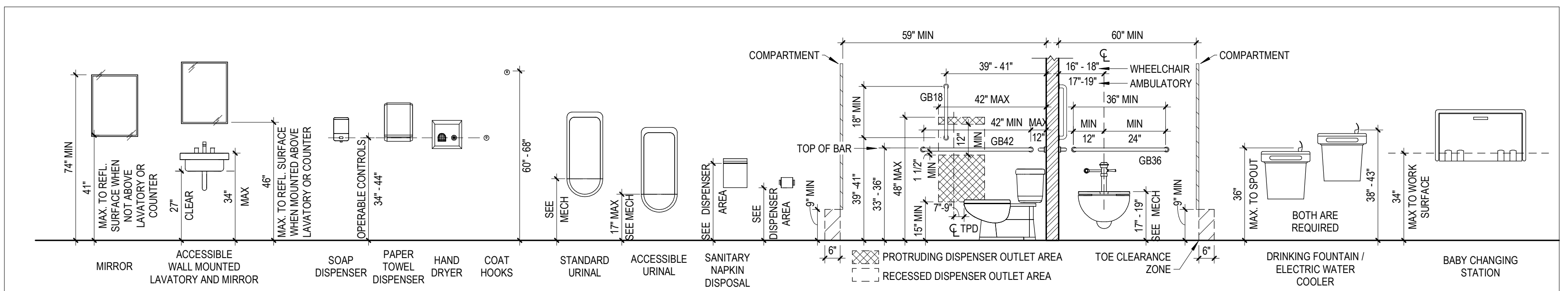
**GRAPHIC SYMBOLS**



**MATERIAL INDICATIONS**



**STANDARD MOUNTING HEIGHTS**



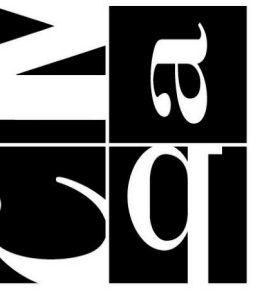
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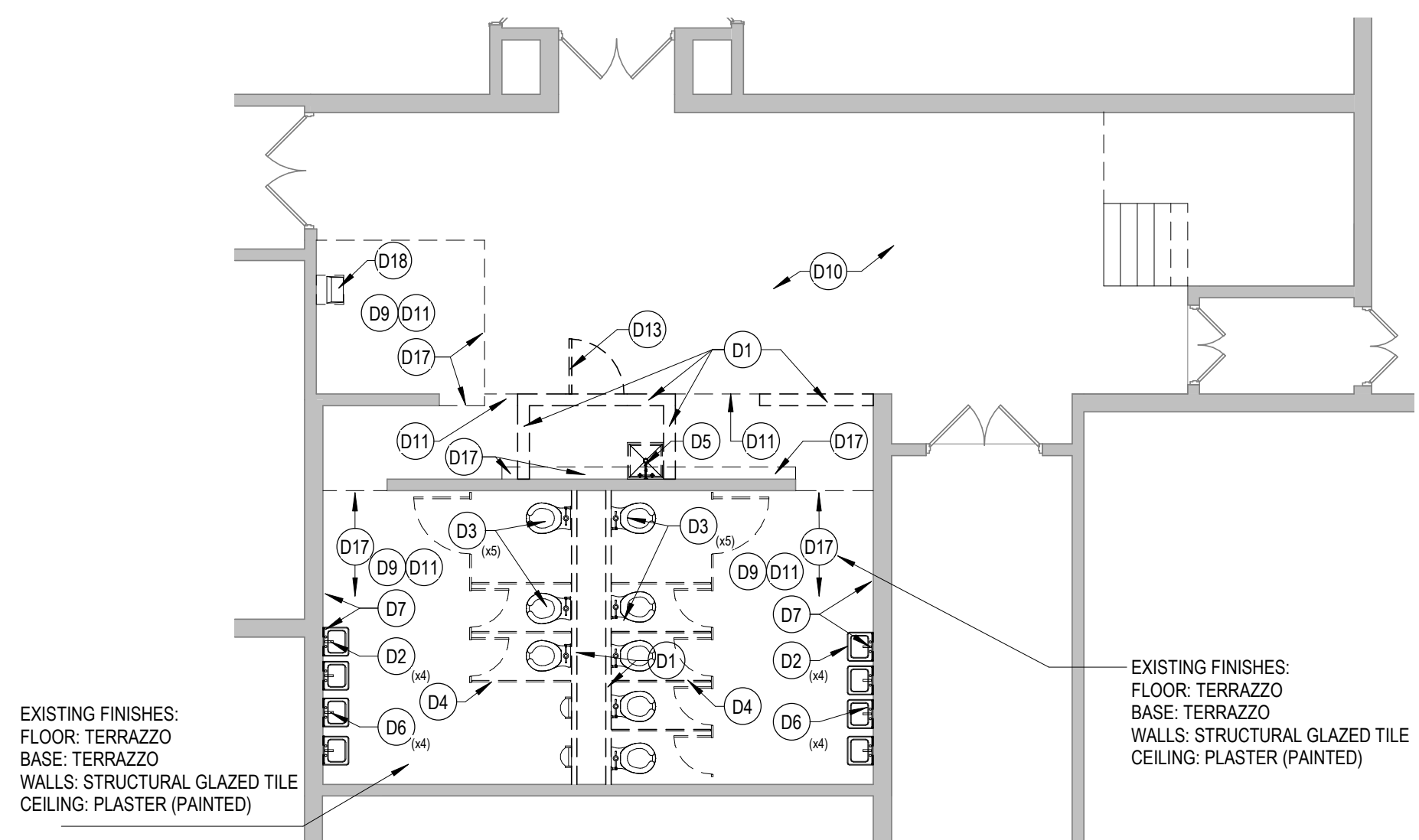


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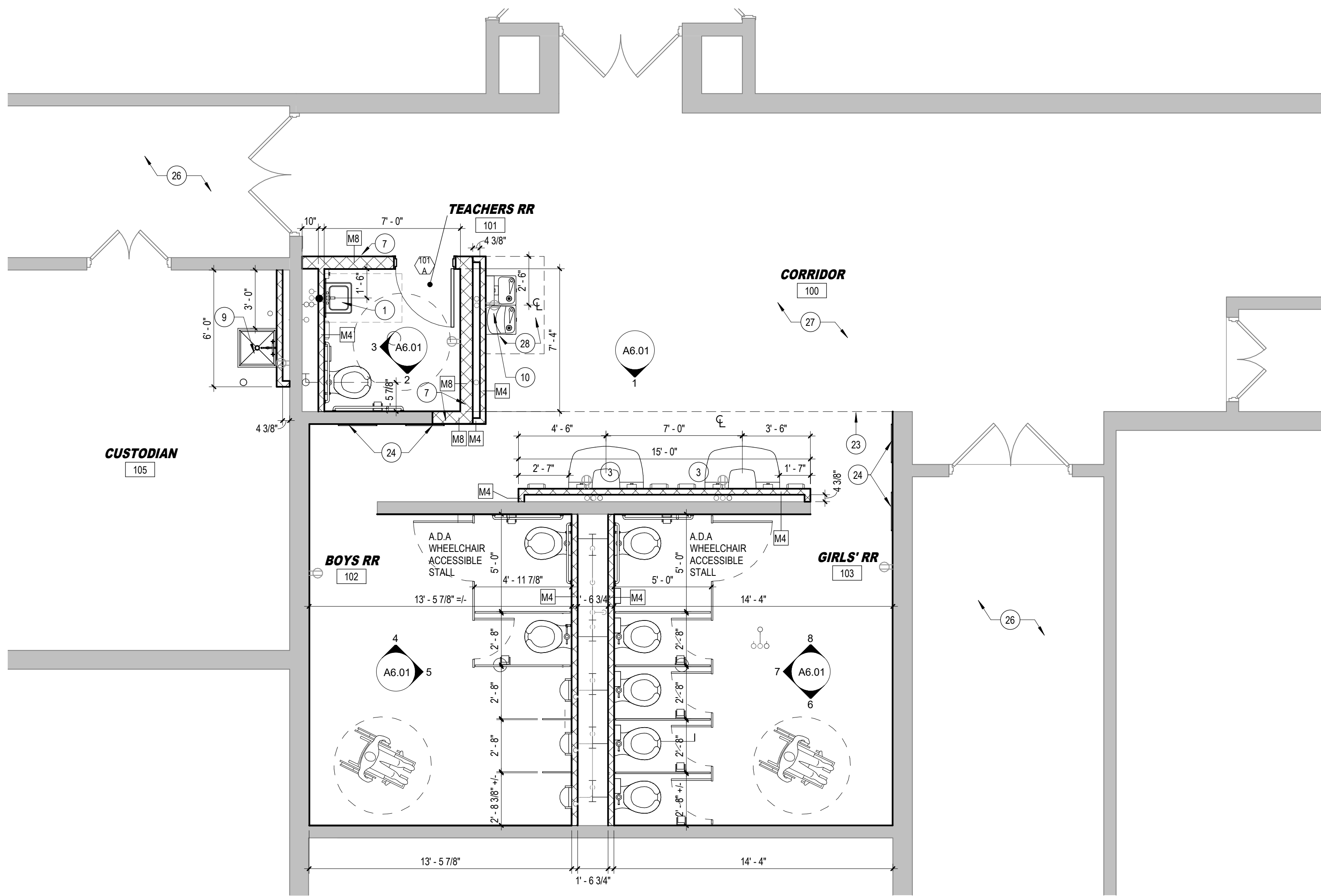
ARCHITECTURAL NOTES

CENTRAL LYON COM. SCHOOL DISTRICT  
 ELEM. SCHOOL RR / LR REMODEL - PHASE 2  
 ROCK RAPIDS, IOWA

SHEET  
**A0.00**



**2 FLOOR 01 RESTROOMS DEMOLITION PLAN**  
1/8" = 1'-0"



**3 FLOOR 01 RESTROOMS**  
1/4" = 1'-0"

**DEMOLITION GENERAL NOTES**

- A** DASHED LINES INDICATE DEMOLITION.
- B** DEMOLITION SHALL BE COORDINATED WITH ARCHITECTURAL AND ME/P PLANS.
- C** CONSTRUCTION PHASING SAFETY IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL PREPARE A PLAN FOR ACCESS, TEMPORARY ENCLOSURES, TEMPORARY EXITING, TEMPORARY DUST WALL LOCATIONS AND OTHER SAFETY MEASURES ACCEPTABLE TO THE OWNER.
- D** GENERAL CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH WORK. CONSULT ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- E** GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING CEILING, WALL, AND FLOOR SURFACES NEAR AND AROUND DEMOLISHED AREAS.
- F** SEE STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION REQUIRED.
- G** ALL EXISTING FLOOR AND WALL PENETRATIONS SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL TRADES INCLUDING THE MECHANICAL ENGINEER, ELECTRICAL ENGINEER, AND ARCHITECT.
- H** ALL SURFACES AFFECTED BY THE REMOVAL OR DEMOLITION OF ITEMS SHALL BE CLEANED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES TO THAT OF MANUFACTURER'S STANDARDS.
- I** CONTRACTOR TO PATCH ALL MECHANICAL AND ELECTRICAL PENETRATIONS IN WALLS, FLOOR, AND ROOF TO MATCH EXISTING.

**DEMOLITION KEYNOTES**

- (D1) REMOVE WALL TO EXTENTS SHOWN.
- (D2) REMOVE SINK.
- (D3) REMOVE PLUMBING FIXTURES AND GRAB BARS.
- (D4) REMOVE PARTITIONS AND BRACKETS.
- (D5) REMOVE MOP SINK AND FAUCET.
- (D6) REMOVE MIRROR.
- (D7) REMOVE ALL PAPER TOWEL & SOAP DISPENSERS ON THIS WALL. SALVAGE FOR POSSIBLE REUSE.
- (D8) REMOVE LINTEL.
- (D9) REMOVE CEILING.
- (D10) PREPARE FLOOR SURFACE FOR NEW FINISHES.
- (D11) REMOVE EXISTING FLOORING & WALL BASE.
- (D12) REMOVE DOOR AND FRAME ENTIRELY. PREP OPENING FOR NEW DOOR AND FRAME.
- (D13) REMOVE EXISTING DOOR AND FRAME.
- (D14) CUT NEW DOOR OPENING IN EXISTING WALL.
- (D15) REMOVE EXISTING SHOWERS ENTIRELY INCLUDING DRAINS.
- (D16) ENLARGE EXISTING DOOR OPENING AS NOTED.
- (D17) DEMO EXISTING CONCRETE SLAB. RE-POUR FLOOR. VERIFY EXTENTS OF DEMOLITION WITH MECHANICAL DRAWINGS.
- (D18) REMOVE EXISTING WATER COOLER. PATCH WALL AS REQUIRED.
- (D19) REMOVE EXISTING LIGHT FIXTURES ABOVE THE SINKS.
- (D20) SALVAGE EXISTING LOCKERS FOR REINSTALLATION.
- (D21) REMOVE EXISTING BENCHES.
- (D22) SALVAGE FIRE EXTINGUISHER & CABINET FOR RELOCATIONS.

**GENERAL NOTES**

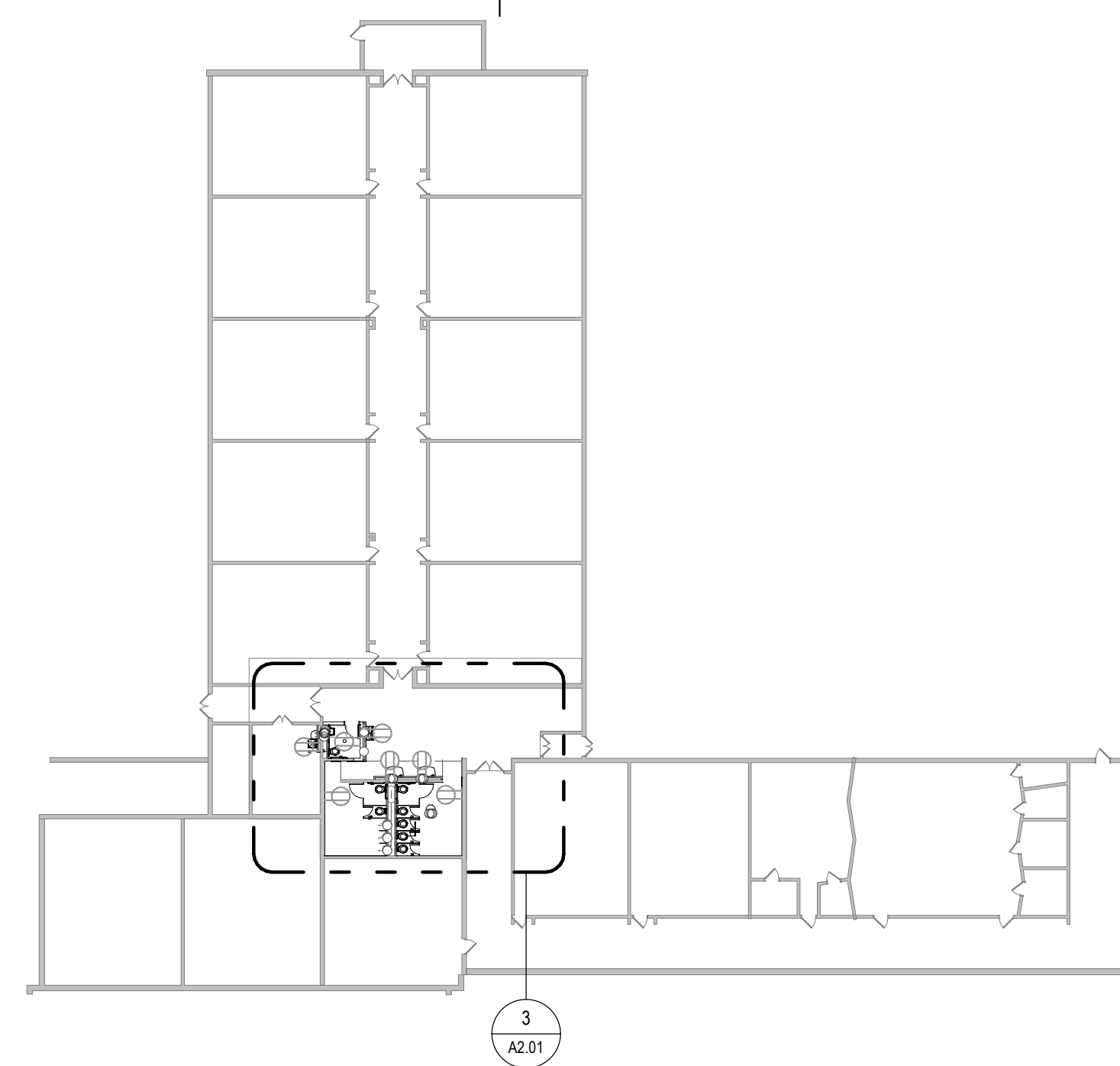
- A** PATCH, REPAIR AND FINISH TO MATCH ADJACENT SURFACES AT ALL WALLS, FLOORS AND CEILINGS AFFECTED BY DEMOLITION.
- B** SALVAGE ALL EXISTING SIGNAGE FOR POSSIBLE RELOCATION.
- C** SALVAGE ALL EXISTING SOAP DISPENSERS FOR POSSIBLE RELOCATION.

**KEYNOTES**

- (1) LAVATORY
- (2) WASH FOUNTAIN - 3 STATION
- (3) WASH FOUNTAIN - 4 STATION
- (4) BOTTOM OF NEW OPENING = 8'-0" A.F.F.
- (5) NEW LINTEL. SEE 4 / A5.01
- (6) EXISTING ELECTRICAL PANELS TO REMAIN - PAINT. VERIFY LOCATIONS WITH MECHANICAL DRAWINGS.
- (7) DEMO EXISTING SLAB & PROVIDE 2'-0" WIDE x 12" DEEP THICKENED SLAB AT 8" WALLS. REINFORCING TO BE #4S @ 12" O.C. & (3) #4S CONTINUOUS.
- (8) MOVABLE BENCHES - BY OWNER. ONE (1) BENCH IN EACH LOCKER ROOM SHALL BE ADA ACCESSIBLE.
- (9) MOP SINK
- (10) HIGH/LOW ELECTRIC WATER COOLER
- (11) INFILL EXISTING OPENING WITH NEW MASONRY TO MATCH EXISTING
- (12) INFILL OPENING AT EXISTING METAL COVER PANEL. DISPOSE OF PANEL.
- (13) FIX CRACK IN EXISTING WALL AT THIS LOCATION BEFORE APPLYING NEW TILE.
- (14) LEVEL FLOOR IN THIS ROOM TO ACCEPT NEW FLOOR COVERING.
- (15) 4" HIGH CONCRETE BASE UNDER LOCKERS VERIFY LOCKER SIZE.
- (16) EXISTING ROOF LADDER
- (17) PROVIDE LINTEL @ NEW DOOR - (2)LL 3 1/2"x3 1/2"x 5/16" WITH 8" BEARING @ EACH SIDE.
- (18) PROVIDE LINTEL @ NEW DOOR - (2) LLV 5"x 3 1/2" x 5/16" WITH 8" BEARING EACH SIDE.
- (19) RELOCATED FIRE EXTINGUISHER.
- (20) ADA SHOWER
- (21) SEE MEP DRAWINGS FOR KITCHEN SINK RELOCATION
- (22) RELOCATED EXISTING LOCKERS. COORDINATE LOCATIONS WITH OWNER. (5 LOCKERS PER UNIT). 5% OF FINAL LOCKER COUNT TO BE ACCESSIBLE. OWNER TO PURCHASE SEPARATE FROM THIS CONTRACT.
- (23) EXTENTS OF TILE FLOOR COVERING.
- (24) MIRROR
- (25) PROVIDE MECHANICAL GRILLE ABOVE DOOR.
- (26) EXISTING FLOORING TO REMAIN IN CORRIDOR.
- (27) NEW CARPET (CPT-1) TO BE PLACED IN THIS CORRIDOR.
- (28) NEW CERAMIC TILE (CT-1) TO BE PLACED BELOW THE WATER COOLERS. 3'-0" X 5'-0".

**WALL TYPES**

- M4 4" CONCRETE MASONRY UNIT
- M8 8" CONCRETE MASONRY UNIT



**1 FLOOR 01 COMPREHENSIVE PLAN**  
1/32" = 1'-0"

**CODE SUMMARY**

**CODE INFORMATION**  
2015 INTERNATIONAL BUILDING CODE (IBC)  
2010 ADAAG

**OWNER**  
CENTRAL LYON COMMUNITY SCHOOL DISTRICT  
1010 S. GREENE ST.  
ROCK RAPIDS, IA  
51246  
OWNERS REP: DAVE ACKERMAN (SUPERINTENDENT)

**ARCHITECT**  
CMBA ARCHITECTS  
302 JONES ST STE 200  
SIOUX CITY, IA  
51101  
712-274-2933  
A/E RESPONSIBLE: SCOTT ANDERSON email: anderson.s@cmbaarchitects.com  
712-274-2933

**OCCUPANCY GROUP:**  
E - Educational

**GENERAL INFORMATION:**  
803.11 Interior Wall and Ceiling finish requirements:  
Rooms and enclosed spaces: C  
804 Group E - Not less than Class II

**PLUMBING FIXTURE INFORMATION:**  
\*Presently there are five (5) toilets or toilets/urinals in each of the four restrooms, but they are not ADA accessible. Each restroom will now have five (5) toilets or toilets/urinals that are ADA accessible.  
\*Presently there are two (2) toilets or toilets/urinals in each of the locker rooms, but they are not ADA accessible. Each locker room will now have three (3) toilets or toilets/urinals that are ADA accessible.  
We are adding (1) w.c. in the new teachers' restroom for a net gain of one (1) water closet. The school presently exceeds the required fixture counts before the remodel.

	Required	Current
WC	18/18	21/20/2
Sinks	18/18	18/18
D. Fountains	18	28*

\*Includes Classroom Bubbler

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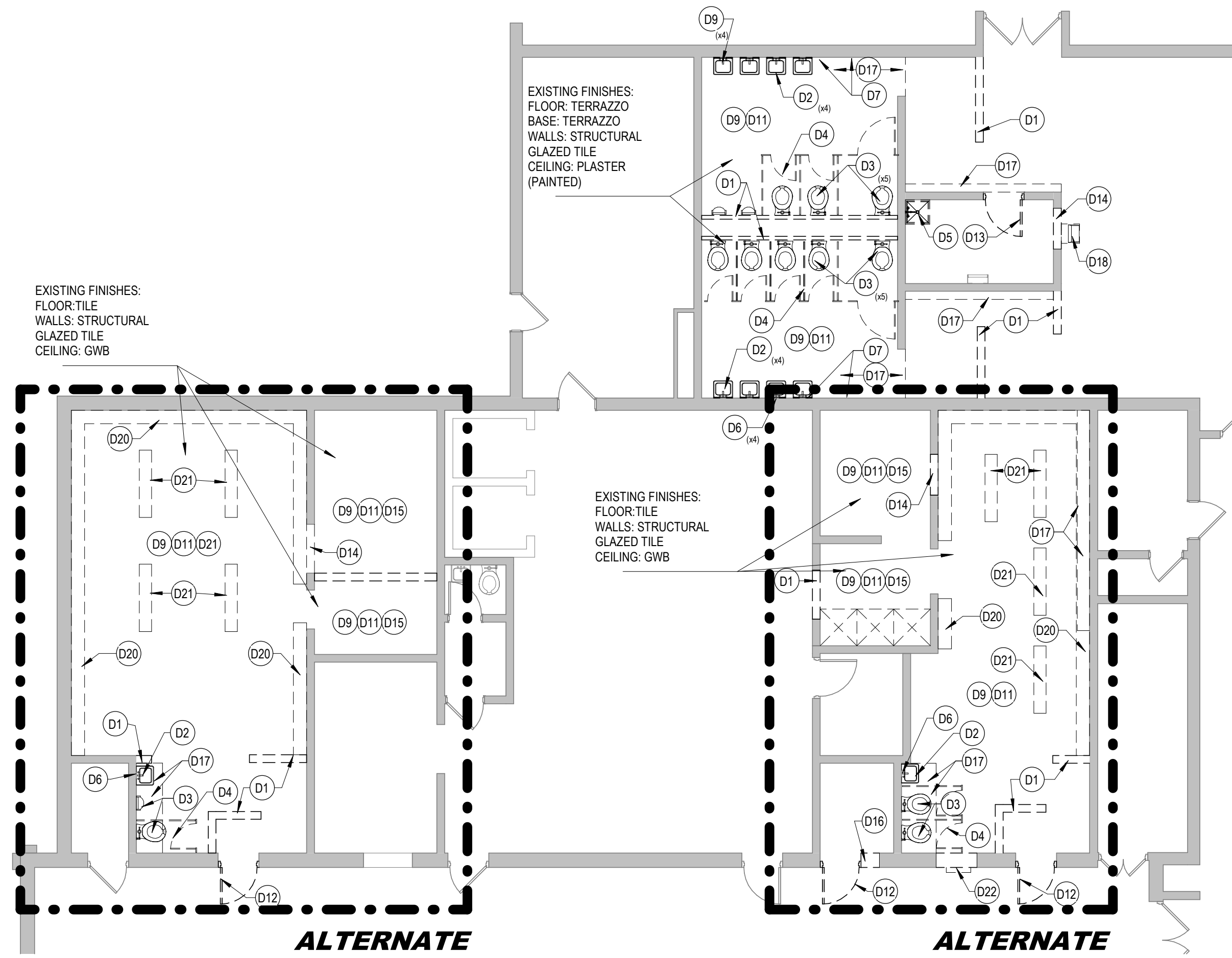


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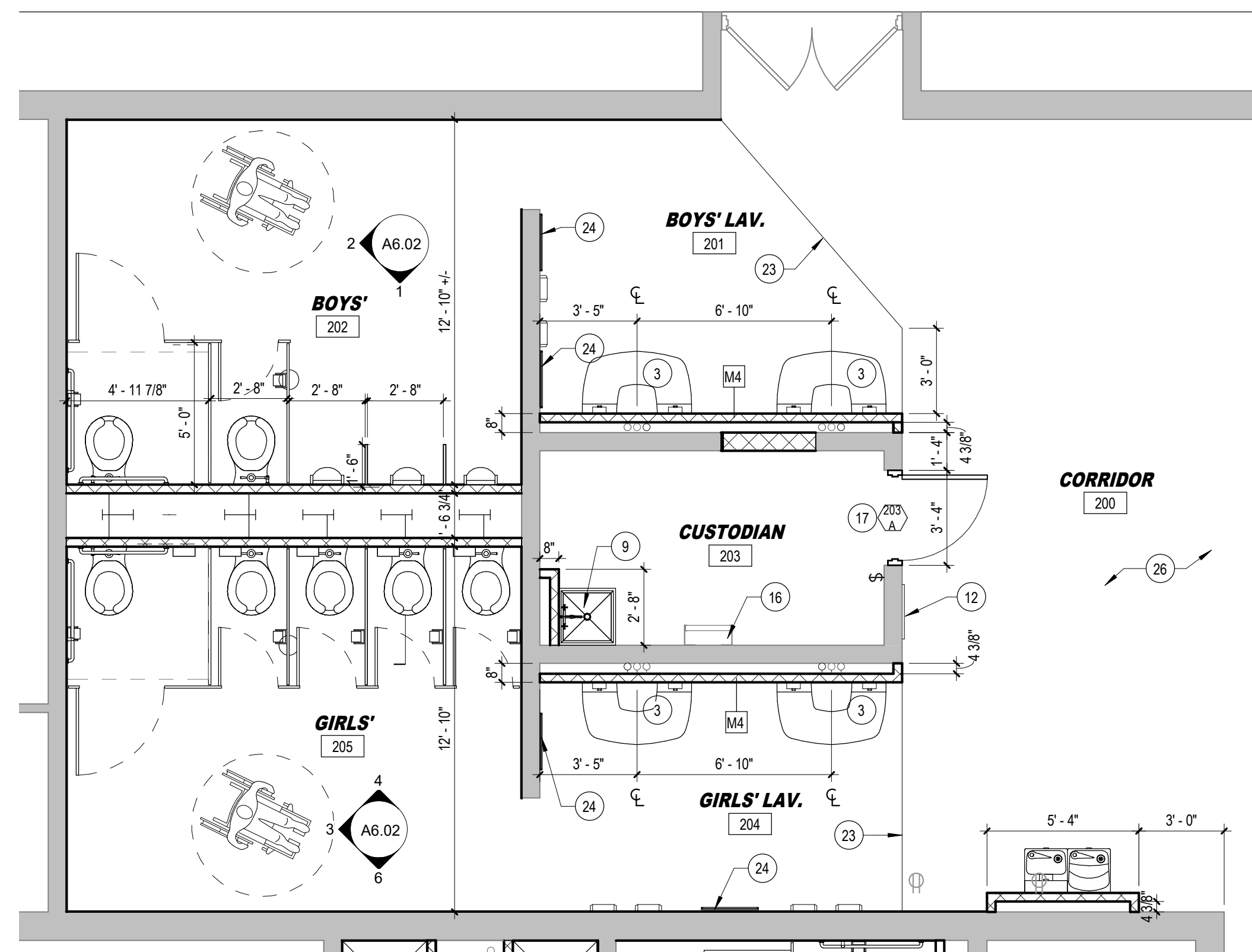
FLOOR 01 - FLOOR PANS

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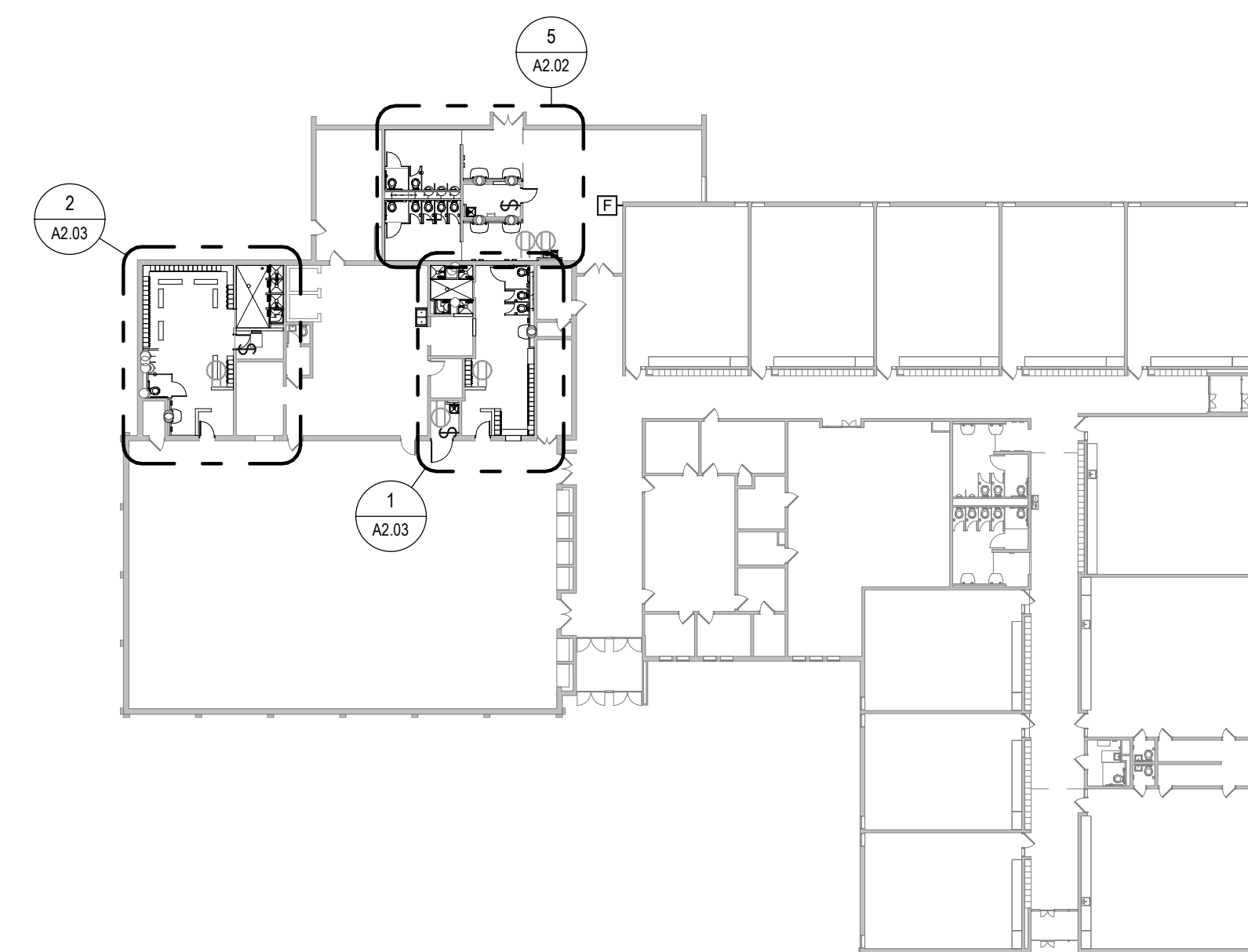
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A2.01



**4 FLOOR 02: DEMOLITION PLAN**  
1/8" = 1'-0"



**5 FLOOR 02: RESTROOMS**  
1/4" = 1'-0"



**1 FLOOR 02: COMPREHENSIVE PLAN**  
1/32" = 1'-0"

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- (D14) CUT NEW DOOR OPENING IN EXISTING WALL.
- (D15) REMOVE EXISTING SHOWERS ENTIRELY INCLUDING DRAINS.
- (D16) ENLARGE EXISTING DOOR OPENING AS NOTED.
- (D17) DEMO EXISTING CONCRETE SLAB. RE-POUR FLOOR. VERIFY EXTENTS OF DEMOLITION WITH MECHANICAL DRAWINGS.
- (D18) REMOVE EXISTING WATER COOLER. PATCH WALL AS REQUIRED.
- (D19) REMOVE EXISTING LIGHT FIXTURES ABOVE THE SINKS.
- (D20) SALVAGE EXISTING LOCKERS FOR REINSTALLATION.
- (D21) REMOVE EXISTING BENCHES.
- (D22) SALVAGE FIRE EXTINGUISHER & CABINET FOR RELOCATIONS.

**GENERAL NOTES**

- A** PATCH, REPAIR AND FINISH TO MATCH ADJACENT SURFACES AT ALL WALLS, FLOORS AND CEILINGS AFFECTED BY DEMOLITION.
- B** SALVAGE ALL EXISTING SIGNAGE FOR POSSIBLE RELOCATION.
- C** SALVAGE ALL EXISTING SOAP DISPENSERS FOR POSSIBLE RELOCATION.

**KEYNOTES**

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- (7) DEMO EXISTING SLAB & PROVIDE 2'-0" WIDE x 12" DEEP THICKENED SLAB AT 8" WALLS. REINFORCING TO BE #4'S @ 12" O.C. & (3) #4'S CONTINUOUS.
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- (9) MOP SINK
- (10) HIGH/LOW ELECTRIC WATER COOLER
- (11) INFILL EXISTING OPENING WITH NEW MASONRY TO MATCH EXISTING
- (12) INFILL OPENING AT EXISTING METAL COVER PANEL. DISPOSE OF PANEL.
- (13) FIX CRACK IN EXISTING WALL AT THIS LOCATION BEFORE APPLYING NEW TILE.
- (14) LEVEL FLOOR IN THIS ROOM TO ACCEPT NEW FLOOR COVERING.
- (15) 4" HIGH CONCRETE BASE UNDER LOCKERS VERIFY LOCKER SIZE.
- (16) EXISTING ROOF LADDER
- (17) PROVIDE LINTEL @ NEW DOOR - (2) 1L 3 1/2"x3 1/2"x 5/16" WITH 8" BEARING @ EACH SIDE.
- (18) PROVIDE LINTEL @ NEW DOOR - (2) 1L 5"x3 1/2" x 5/16" WITH 8" BEARING @ EACH SIDE.
- (19) RELOCATED FIRE EXTINGUISHER.
- (20) ADA SHOWER
- (21) SEE MEP DRAWINGS FOR KITCHEN SINK RELOCATION
- (22) RELOCATED EXISTING LOCKERS. COORDINATE LOCATIONS WITH OWNER. 15 LOCKERS PER UNIT. 5% OF FINAL LOCKER COUNT TO BE ACCESSIBLE. OWNER TO PURCHASE SEPARATE FROM THIS CONTRACT.
- (23) EXTENTS OF TILE FLOOR COVERING.
- (24) MIRROR
- (25) PROVIDE MECHANICAL GRILLE ABOVE DOOR.
- (26) EXISTING FLOORING TO REMAIN IN CORRIDOR.
- (27) NEW CARPET (CPT-1) TO BE PLACED IN THIS CORRIDOR.
- (28) NEW CERAMIC TILE (CT-1) TO BE PLACED BELOW THE WATER COOLERS. 3'-0" X 5'-0".

**WALL TYPES**

- M4 4" CONCRETE MASONRY UNIT
- M8 8" CONCRETE MASONRY UNIT

**TOILET ACCESSORIES**

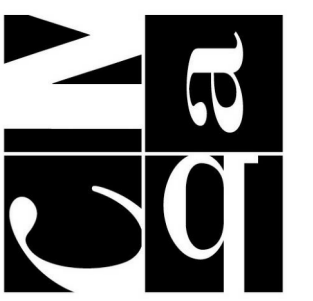
- A GRAB BAR - 36" LONG
- B GRAB BAR - 42" LONG
- C GRAB BAR - 18" LONG (VERTICAL)
- D SOAP DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- E PAPER TOWEL DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- F MIRROR - 24" x 36"
- G SANITARY DISPOSAL
- H TOILET PAPER DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- J SHOWER ROD & CURTAIN
- K ADA SHOWER SEAT
- L ROBE HOOK

**REVISIONS**

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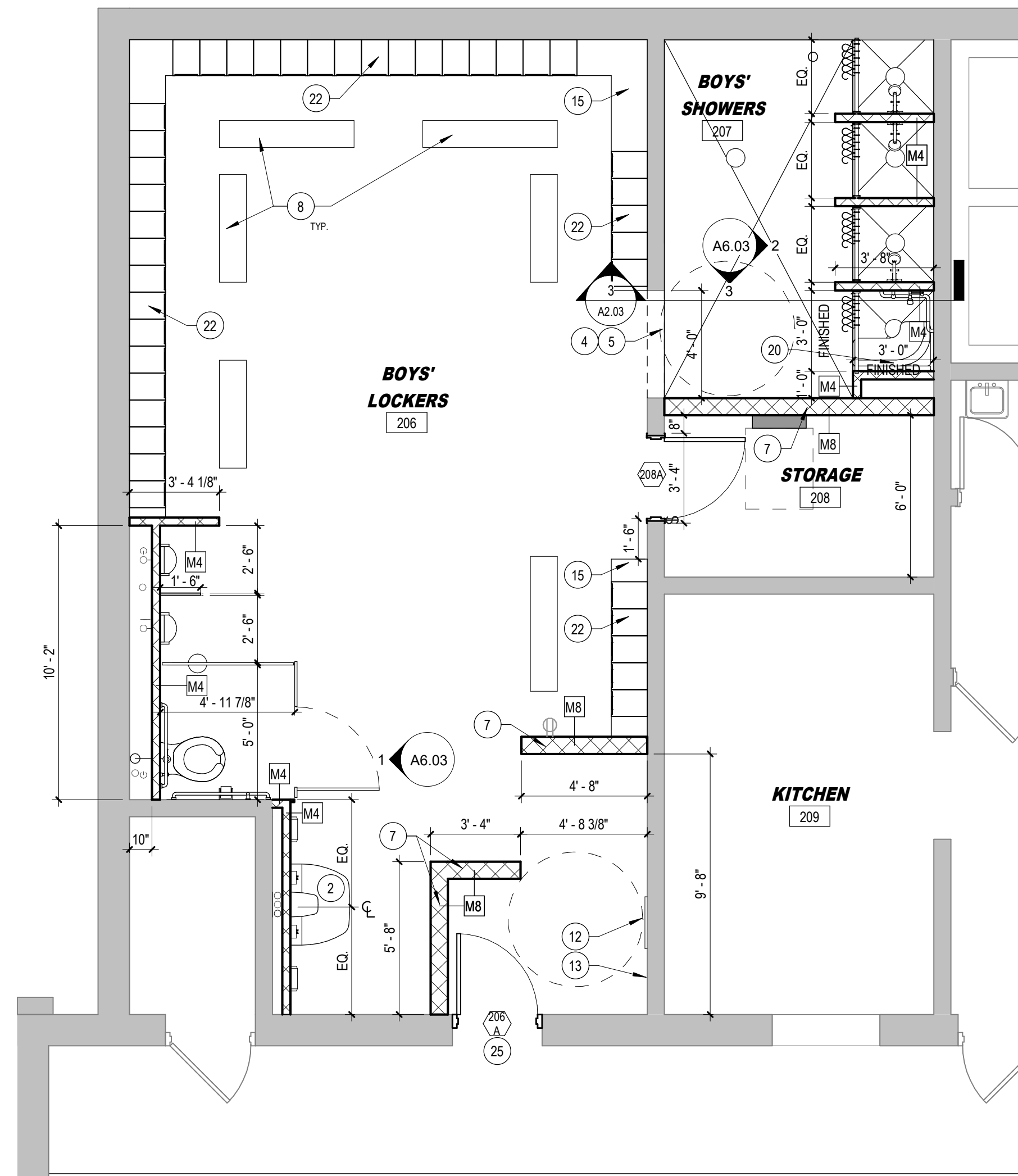
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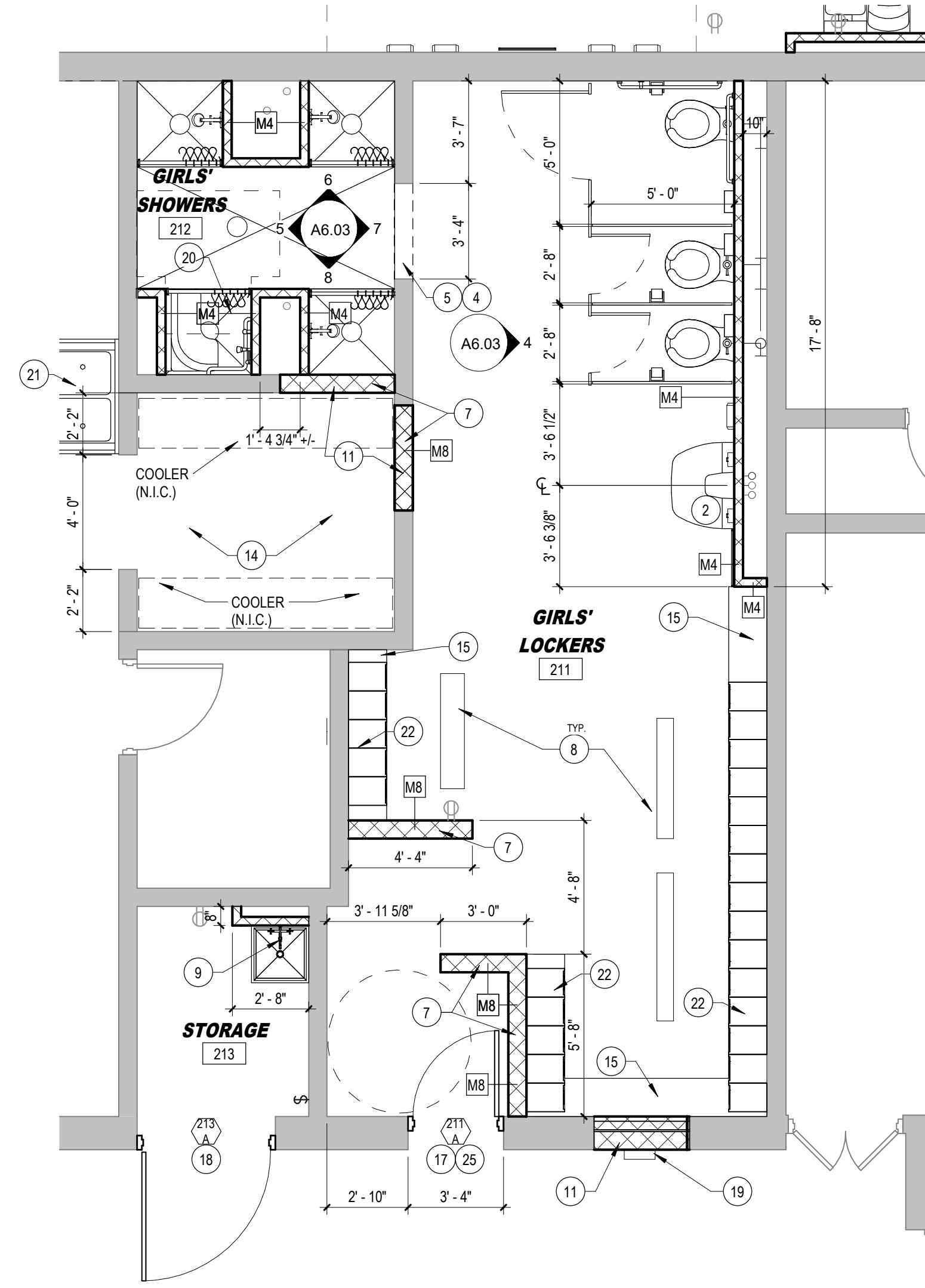
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PROJECT: SC19156

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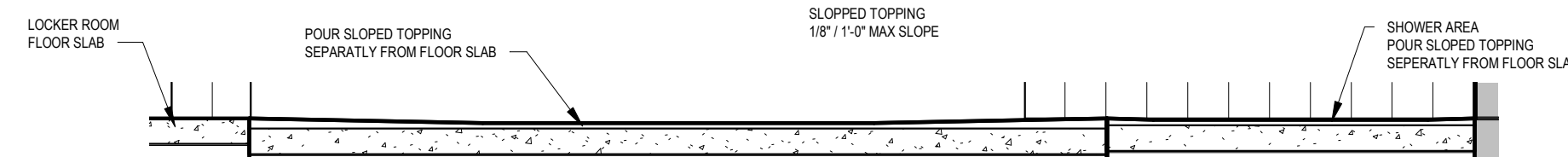
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**2 FLOOR 01: BOYS' LOCKER ROOM**  
 1/4" = 1'-0"



**1 FLOOR 01: GIRLS' LOCKER ROOM**  
 1/4" = 1'-0"



**3 FLOOR SLOPE DETAIL**  
 3/4" = 1'-0"

**GENERAL NOTES**

- A** PATCH, REPAIR AND FINISH TO MATCH ADJACENT SURFACES AT ALL WALLS, FLOORS AND CEILINGS AFFECTED BY DEMOLITION.
- B** SALVAGE ALL EXISTING SIGNAGE FOR POSSIBLE RELOCATION.
- C** SALVAGE ALL EXISTING SOAP DISPENSORS FOR POSSIBLE RELOCATION.

**KEYNOTES**

- 1 LAVATORY
- 2 WASH FOUNTAIN - 3 STATION
- 3 WASH FOUNTAIN - 4 STATION
- 4 BOTTOM OF NEW OPENING = 8'-0" A.F.F.
- 5 NEW LINTEL. SEE 4 / A5.01
- 6 EXISTING ELECTRICAL PANELS TO REMAIN - PAINT. VERIFY LOCATIONS WITH MECHANICAL DRAWINGS.
- 7 DEMO EXISTING SLAB & PROVIDE 2'-0" WIDE x 12" DEEP THICKENED SLAB AT 8" WALLS. REINFORCING TO BE #4'S @ 12" O.C. & (3) #4'S CONTINUOUS.
- 8 MOVABLE BENCHES - BY OWNER. ONE (1) BENCH IN EACH LOCKER ROOM SHALL BE ADA ACCESSIBLE.
- 9 MOP SINK
- 10 HIGH/LOW ELECTRIC WATER COOLER
- 11 INFILL EXISTING OPENING WITH NEW MASONRY TO MATCH EXISTING
- 12 INFILL OPENING AT EXISTING METAL COVER PANEL. DISPOSE OF PANEL.
- 13 FIX CRACK IN EXISTING WALL AT THIS LOCATION BEFORE APPLYING NEW TILE.
- 14 LEVEL FLOOR IN THIS ROOM TO ACCEPT NEW FLOOR COVERING.
- 15 4" HIGH CONCRETE BASE UNDER LOCKERS VERIFY LOCKER SIZE.
- 16 EXISTING ROOF LADDER
- 17 PROVIDE LINTEL @ NEW DOOR - (2) 1/2"x3 1/2"x 5/16" WITH 8" BEARING @ EACH SIDE.
- 18 PROVIDE LINTEL @ NEW DOOR - (2) 1/2"x3 1/2"x 5/16" WITH 8" BEARING @ EACH SIDE.
- 19 RELOCATED FIRE EXTINGUISHER.
- 20 ADA SHOWER
- 21 SEE MEP DRAWINGS FOR KITCHEN SINK RELOCATION
- 22 RELOCATED EXISTING LOCKERS. COORDINATE LOCATIONS WITH OWNER. (5 LOCKERS PER UNIT). 5% OF FINAL LOCKER COUNT TO BE ACCESSIBLE. OWNER TO PURCHASE SEPARATE FROM THIS CONTRACT.
- 23 EXTENTS OF TILE FLOOR COVERING.
- 24 MIRROR
- 25 PROVIDE MECHANICAL GRILLE ABOVE DOOR.
- 26 EXISTING FLOORING TO REMAIN IN CORRIDOR.
- 27 NEW CARPET (CPT-1) TO BE PLACED IN THIS CORRIDOR.
- 28 NEW CERAMIC TILE (CT-1) TO BE PLACED BELOW THE WATER COOLERS. 3'-0" X 5'-0".

**WALL TYPES**

- M4 4" CONCRETE MASONRY UNIT
- M8 8" CONCRETE MASONRY UNIT

**TOILET ACCESSORIES**

- A GRAB BAR - 36" LONG
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- C GRAB BAR - 18" LONG (VERTICAL)
- D SOAP DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
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- H TOILET PAPER DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- J SHOWER ROD & CURTAIN
- K ADA SHOWER SEAT
- L ROBE HOOK

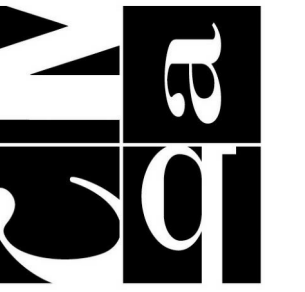
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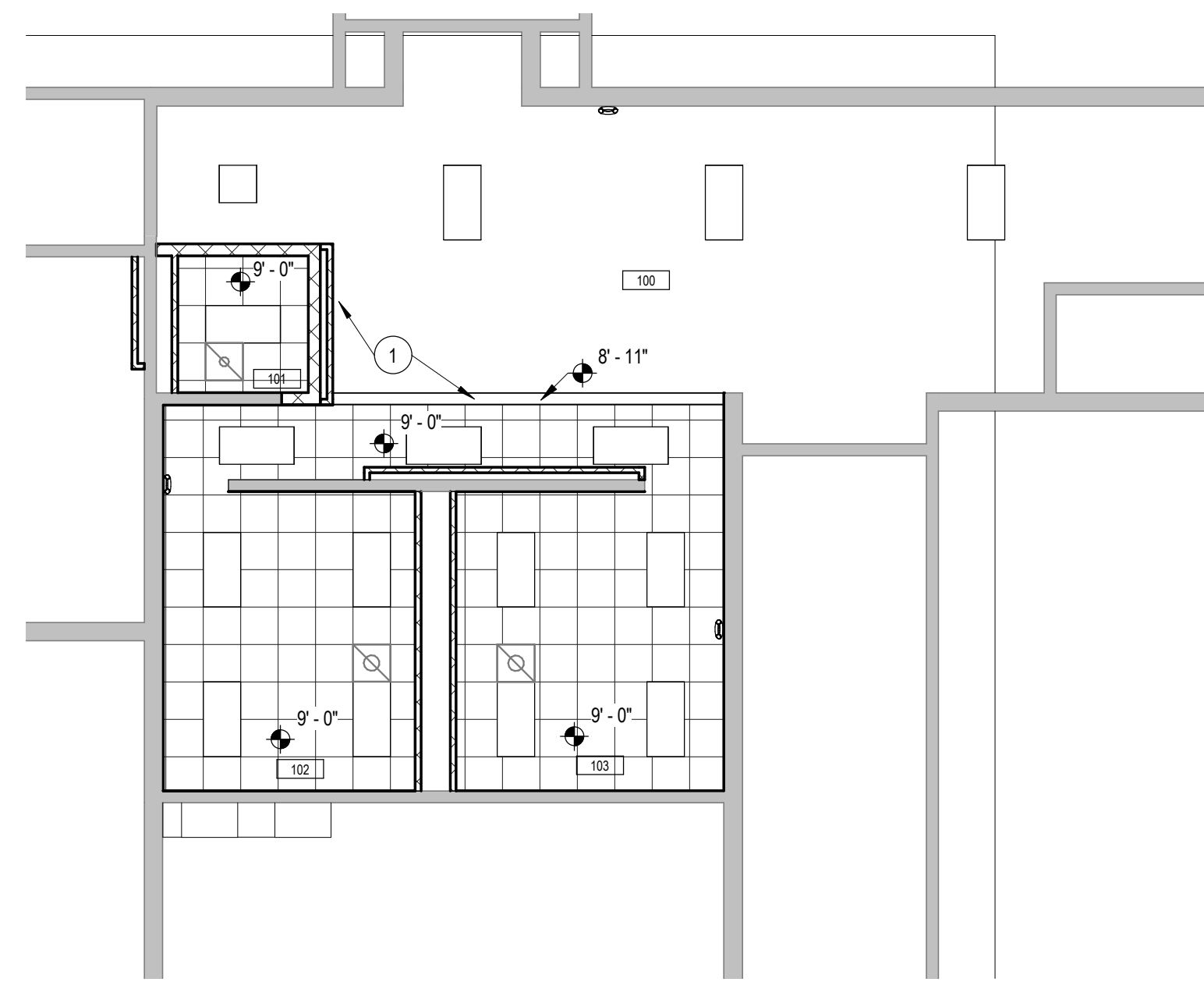


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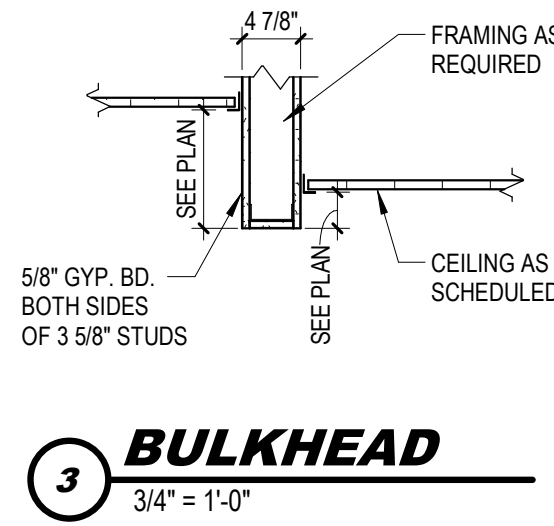
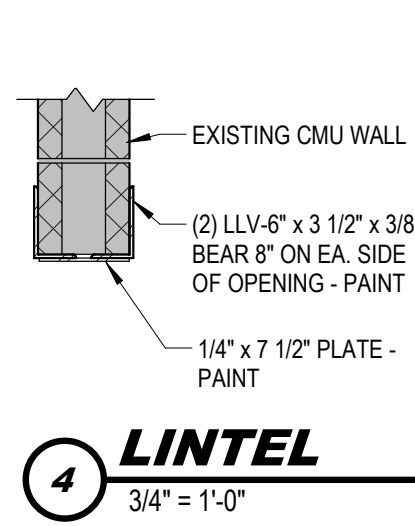
**FLOOR 02 - ALTERNATE PLANS**



**2 FLOOR 02 REFLECTED CEILING PLAN**  
1/8" = 1'-0"



**1 FLOOR 01 REFLECTED CEILING PLAN**  
1/8" = 1'-0"



RM. NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING MAT./FIN.	KEYNOTES	RM. NO.
				NORTH	EAST	SOUTH	WEST			
100	CORRIDOR	CPT-1	---	---	CT-2	---	---	5		100
101	RESTROOM	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		101
102	BOYS RR	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		102
103	GIRLS RR	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		103
105	CUSTODIAN	---	---	PT-1	---	---	---	---		105
200	CORRIDOR	---	---	---	PT-1	PT-1	---	---		200
201	BOYS LAV	CT-1	CT-2	---	PT-1	PT-1	CT-2	APC-1		201
202	BOYS RR	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		202
203	CUSTODIAN	---	---	PT-1	PT-1	PT-1	PT-1	---		203
204	GIRLS LAV	CT-1	CT-2	---	CT-2	PT-1	PT-1	APC-1		204
205	GIRLS RR	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		205
206	BOYS LOCKERS	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		206
207	BOYS SHOWERS	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	GWB, PT-1		207
208	STORAGE	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		208
211	GIRLS LOCKERS	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	APC-1		211
212	GIRLS SHOWERS	CT-1	CT-2	CT-2	CT-2	CT-2	CT-2	GWB, PT-1		212
213	STORAGE	---	---	PT-1	PT-1	PT-1	---	---		213
214	COOLERS	---	---	---	---	---	---	APC-1		214

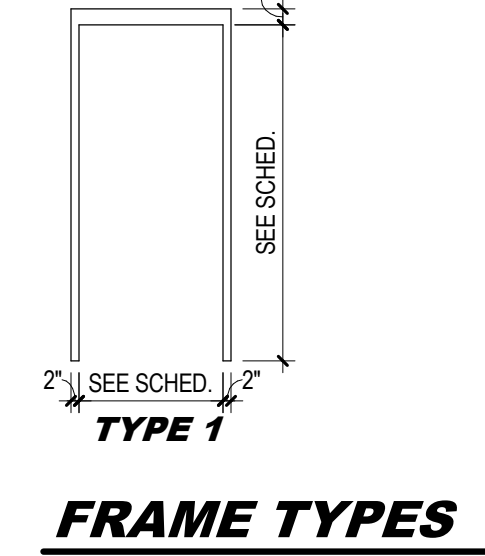
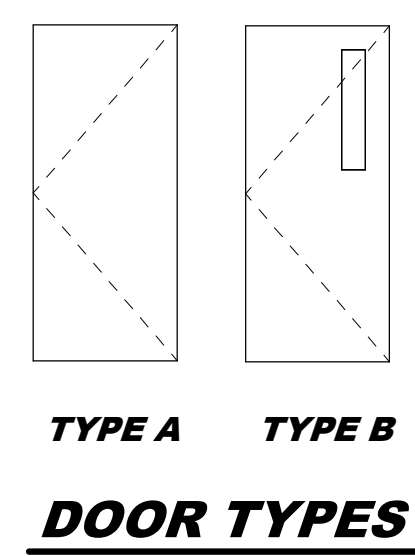
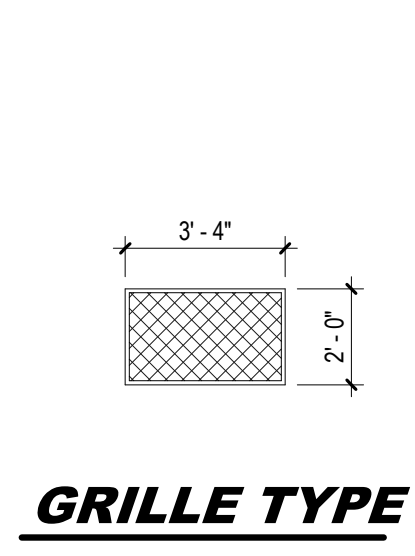
**ROOM FINISH SCHEDULE**

**RM. FIN. SCHED. GENERAL NOTES**

**A** OWNER WILL PAINT ALL SURFACES THIS WORK IS NOT IN THE CONTRACT. PAINT COLORS ARE PROVIDED IN THE SPECS FOR THE OWNERS USE.

**KEY NOTES**

- 1 BULKHEAD. SEE 3 / A5.01
- 2 LINTEL. SEE 4 / A5.01
- 3 PROVIDE MECHANICAL LOUVER IN LOWER PORTION OF DOOR.



DOOR NO.	DOOR			FRAME		KEY NOTES	FIRE LABEL	HARDWARE	DOOR NO.
	WIDTH	HEIGHT	THICKNESS	MAT.	TYPE				
101 A	3'-0"	7'-0"	1 3/4"	WD	A	HM	1		101 A
203 A	3'-0"	7'-0"	1 3/4"	WD	A	HM	1	3	203 A
206 A	3'-0"	7'-0"	1 3/4"	WD	A	HM	1		206 A
208A	3'-0"	7'-0"	1 3/4"	HM	A	HM	1		208A
211 A	3'-0"	7'-0"	1 3/4"	WD	A	HM	1		211 A
213 A	4'-6"	7'-0"	1 3/4"	WD	A	HM	1		213 A

**DOOR SCHEDULE**

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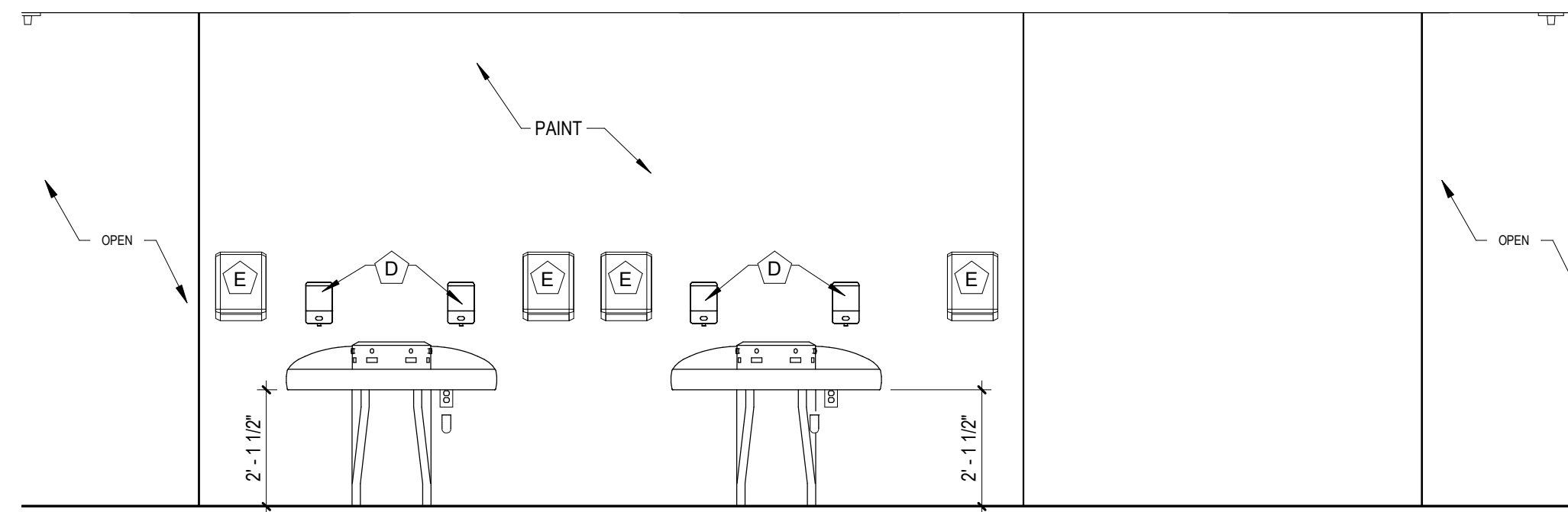
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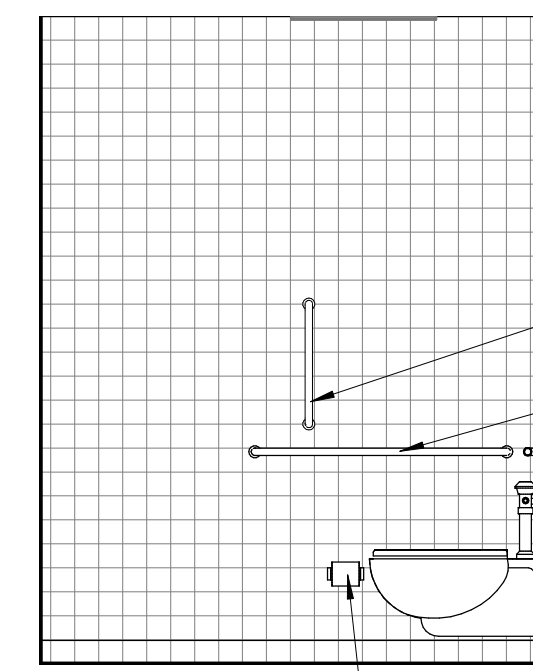
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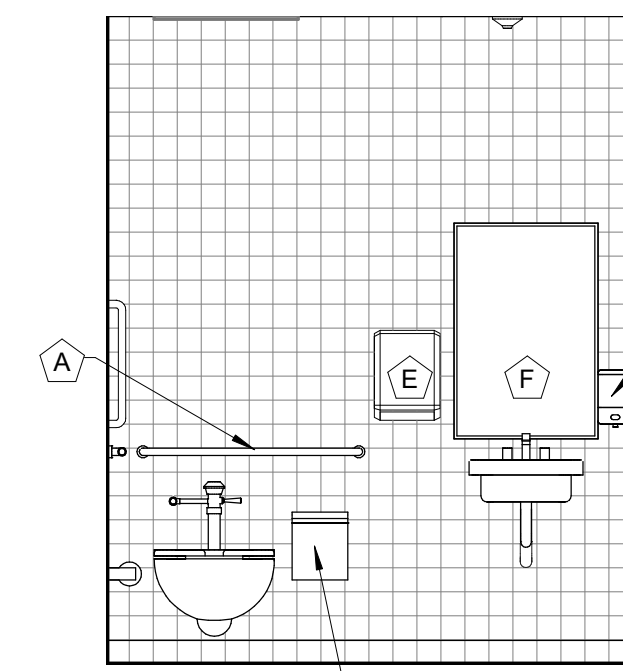
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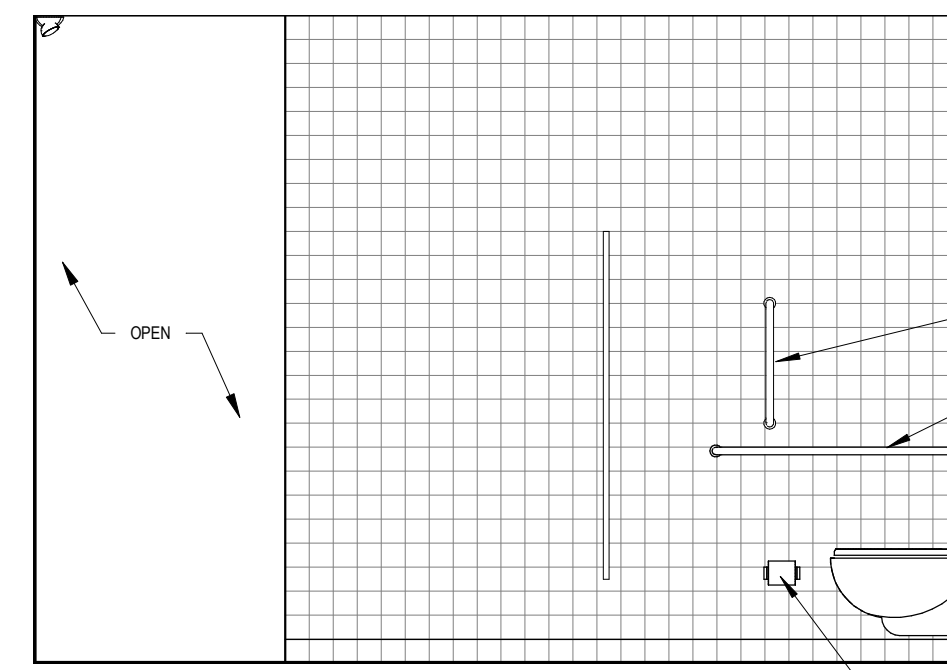
**1 CORRIDOR 100 EAST**  
3/8" = 1'-0"



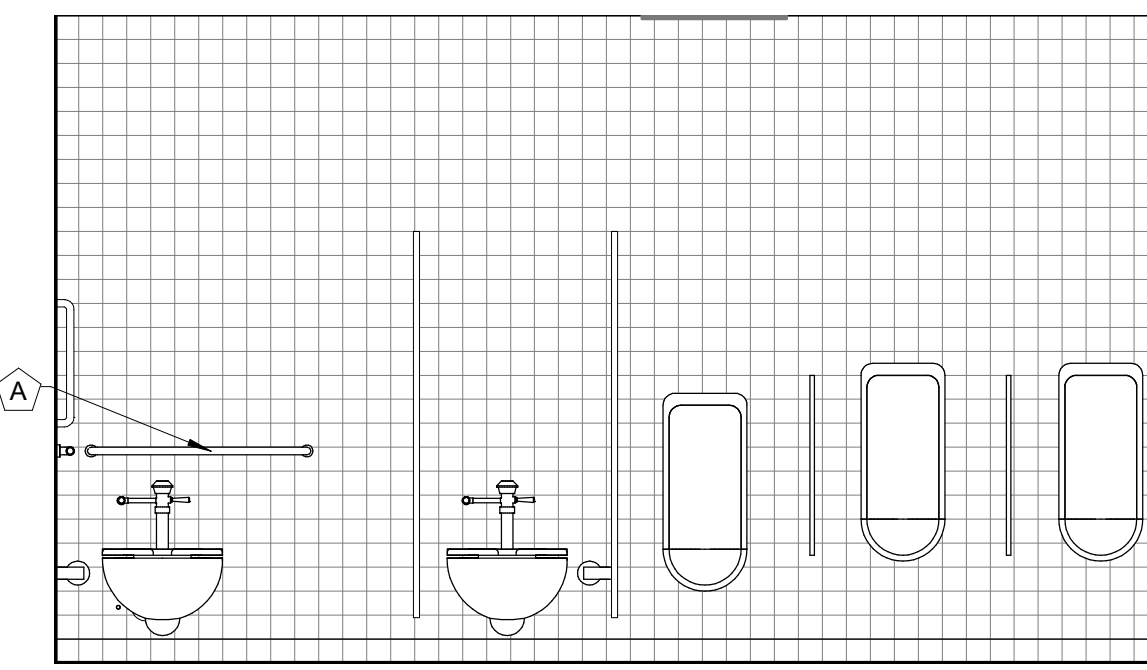
**2 RESTROOM 101 - EAST**  
3/8" = 1'-0"



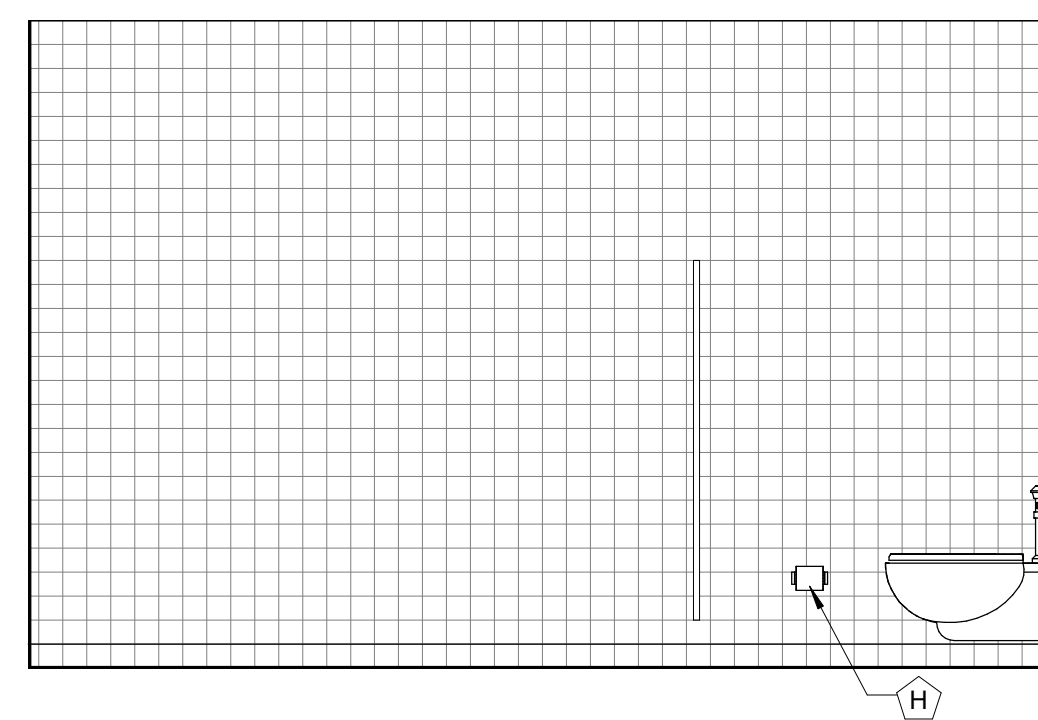
**3 RESTROOM 101 - SOUTH**  
3/8" = 1'-0"



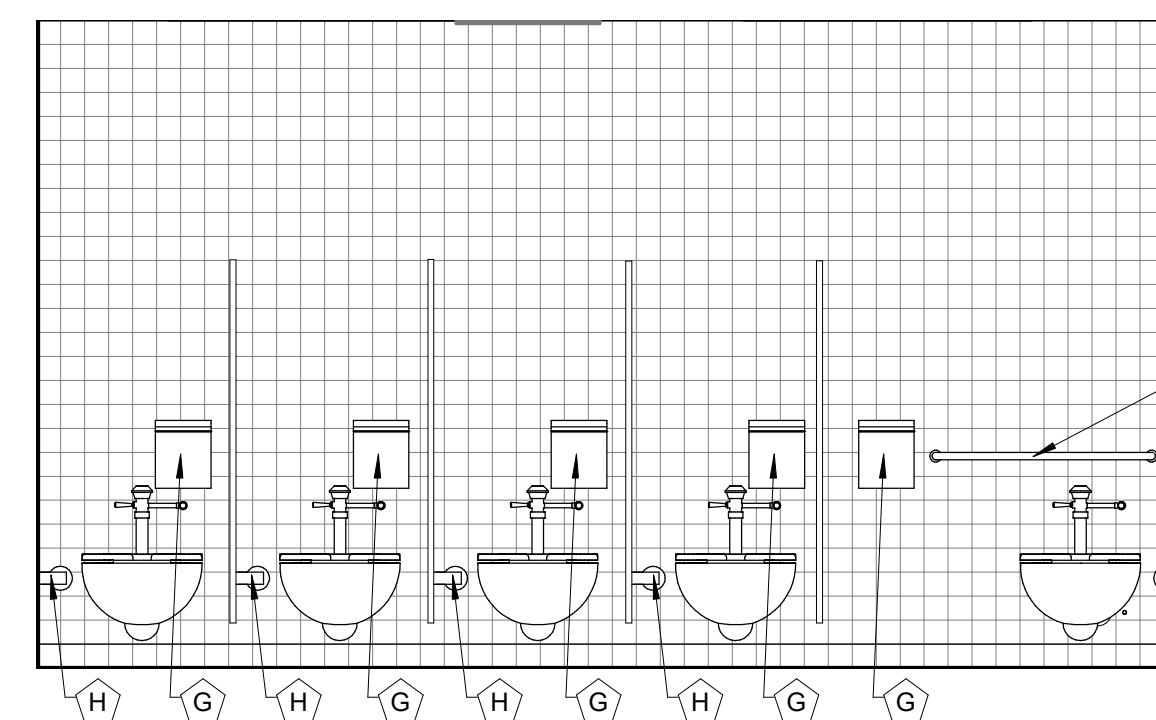
**4 BOYS' 102 WEST**  
3/8" = 1'-0"



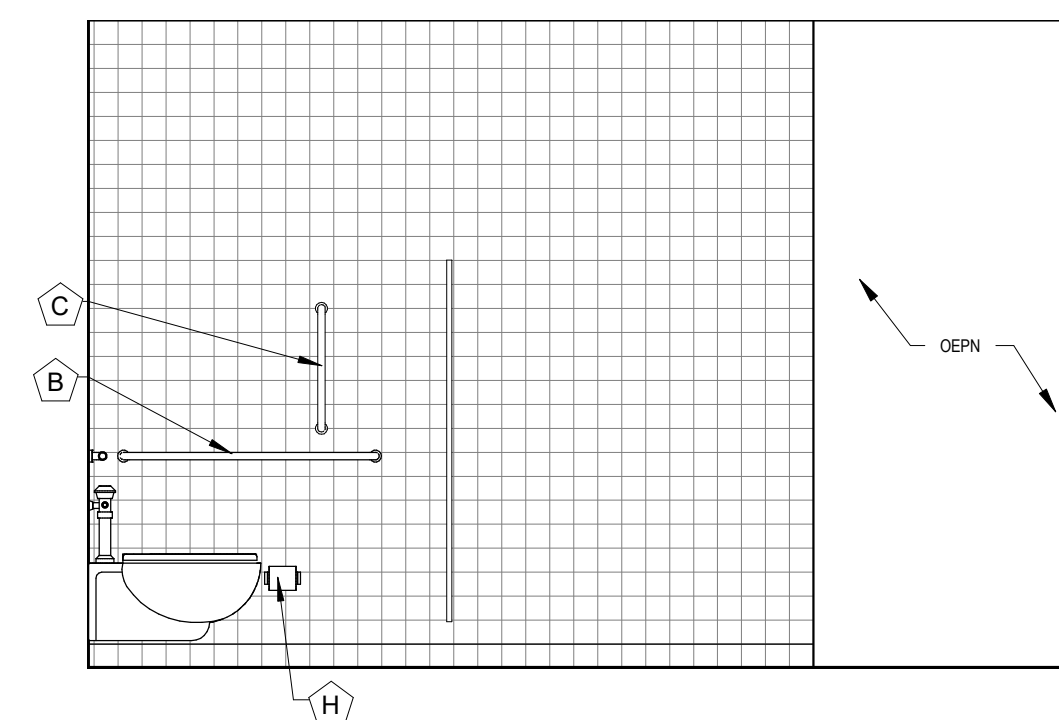
**5 BOYS' 102 NORTH**  
3/8" = 1'-0"



**6 GIRLS' 103 EAST**  
3/8" = 1'-0"



**7 GIRLS' 103 SOUTH**  
3/8" = 1'-0"



**8 GIRLS' 103 WEST**  
3/8" = 1'-0"

**RM. FIN. SCHED. GENERAL NOTES**

**A** OWNER WILL PAINT ALL SURFACES THIS WORK IS NOT IN THE CONTRACT. PAINT COLORS ARE PROVIDED IN THE SPECS FOR THE OWNERS USE.

**KEY NOTES**

- 1 BULKHEAD. SEE 3 / A5.01
- 2 LINTEL. SEE 4 / A5.01
- 3 PROVIDE MECHANICAL LOUVER IN LOWER PORTION OF DOOR.

**TOILET ACCESSORIES**

- A** GRAB BAR - 36" LONG
- B** GRAB BAR - 42" LONG
- C** GRAB BAR - 18" LONG (VERTICAL)
- D** SOAP DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- E** PAPER TOWEL DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- F** MIRROR - 24" x 36"
- G** SANITARY DISPOSAL
- H** TOILET PAPER DISPENSER (OWNER PROVIDED, G.C. INSTALLED)
- J** SHOWER ROD & CURTAIN
- K** ADA SHOWER SEAT
- L** ROBE HOOK

**REVISIONS**

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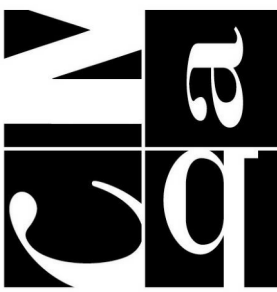
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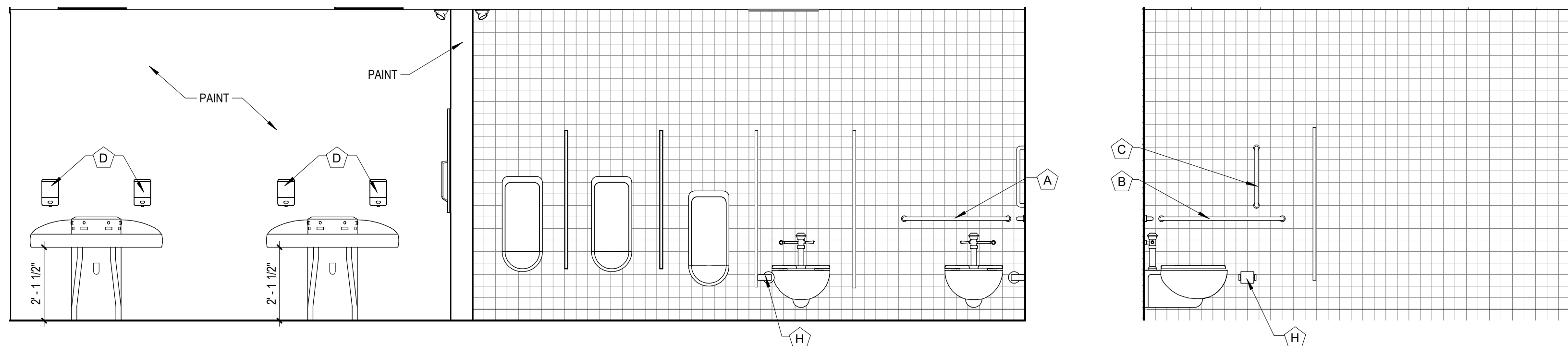


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PROJECT: SC19156

INTERIOR ELEVATIONS

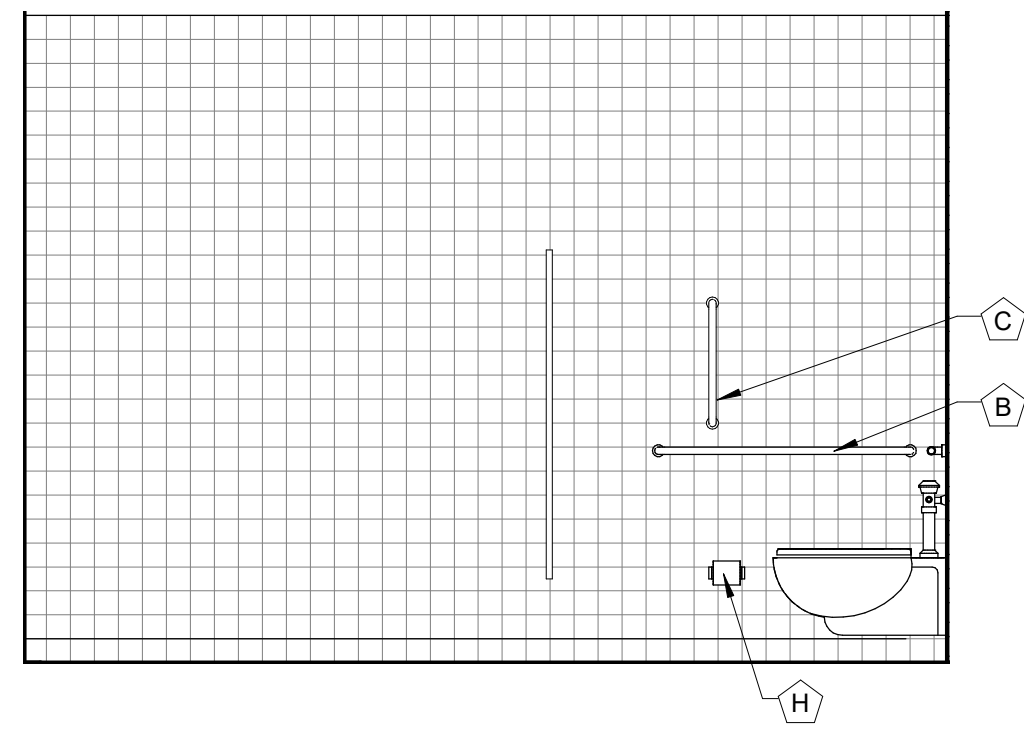
CENTRAL LYON COM. SCHOOL DISTRICT  
ELEM. SCHOOL RR / LR REMODEL - PHASE 2  
ROCK RAPIDS, IOWA

SHEET  
**A6.01**

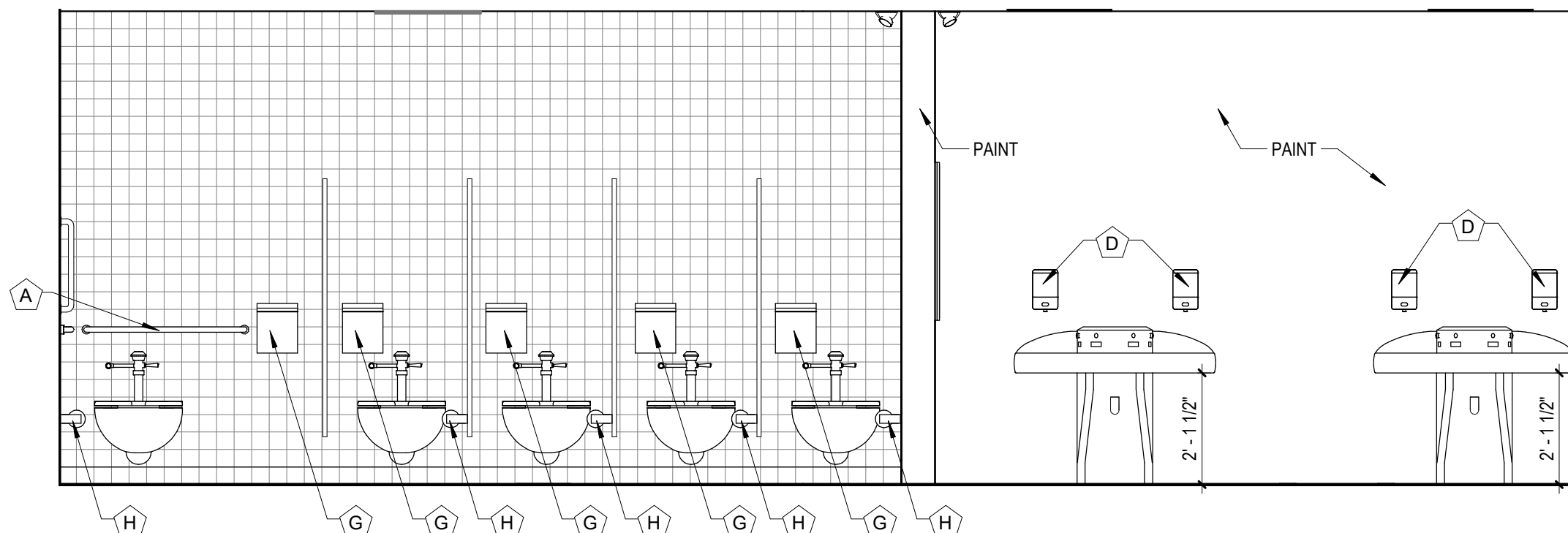


**1 BOYS' 202 EAST**  
3/8" = 1'-0"

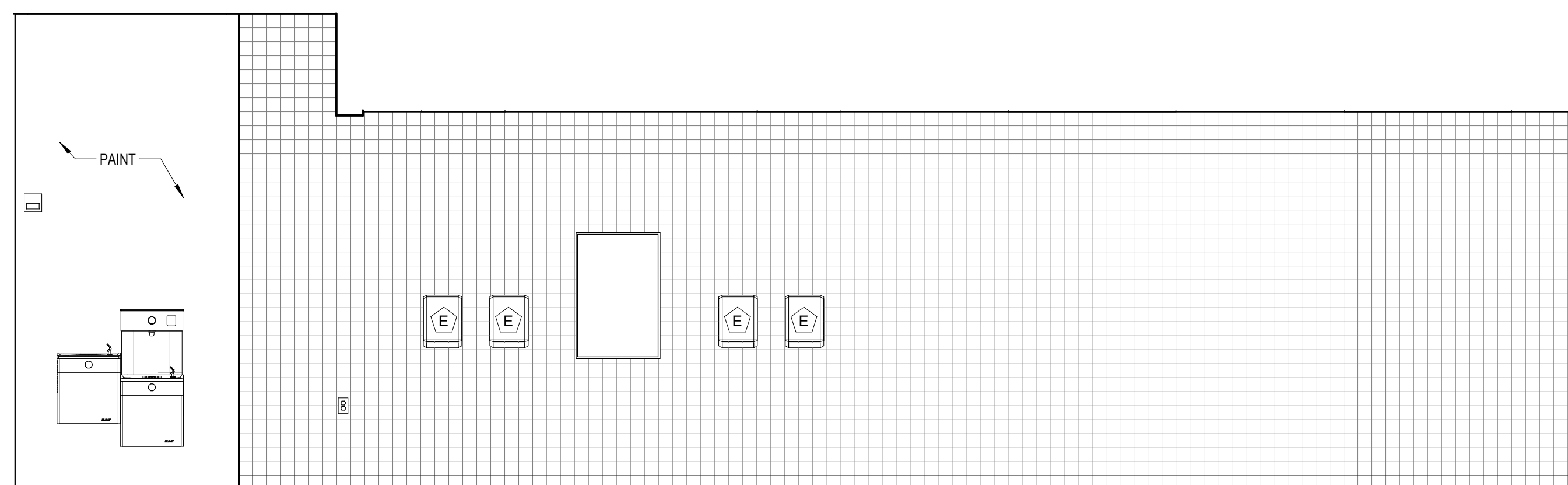
**2 BOYS' 202 SOUTH**  
3/8" = 1'-0"



**3 GIRLS' 205 SOUTH**  
3/8" = 1'-0"



**4 GIRLS' 205 WEST**  
3/8" = 1'-0"



**6 GIRLS' 205 EAST**  
3/8" = 1'-0"

**INT. ELEV. GENERAL NOTES**

- 1 PATCH AND REPAIR FLOOR, BASE, WALLS AND CEILINGS TO MATCH ADJACENT SURFACES
- 2 PAINT FT-1 AT NEW CONSTRUCTION SURFACES ONLY. OWNER WILL BE RE-PAINTING HALL AFTER CONSTRUCTION IS COMPLETED

**INT. ELEV. KEY NOTES**

- 1 BULKHEAD. SEE 3 / A5.01
- 2 LINTEL. SEE 4 / A5.01
- 3 EXISTING ELECTRICAL PANELS, PAINT.

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- A GRAB BAR - 36" LONG
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- K ADA SHOWER SEAT
- L ROBE HOOK

**REVISIONS**

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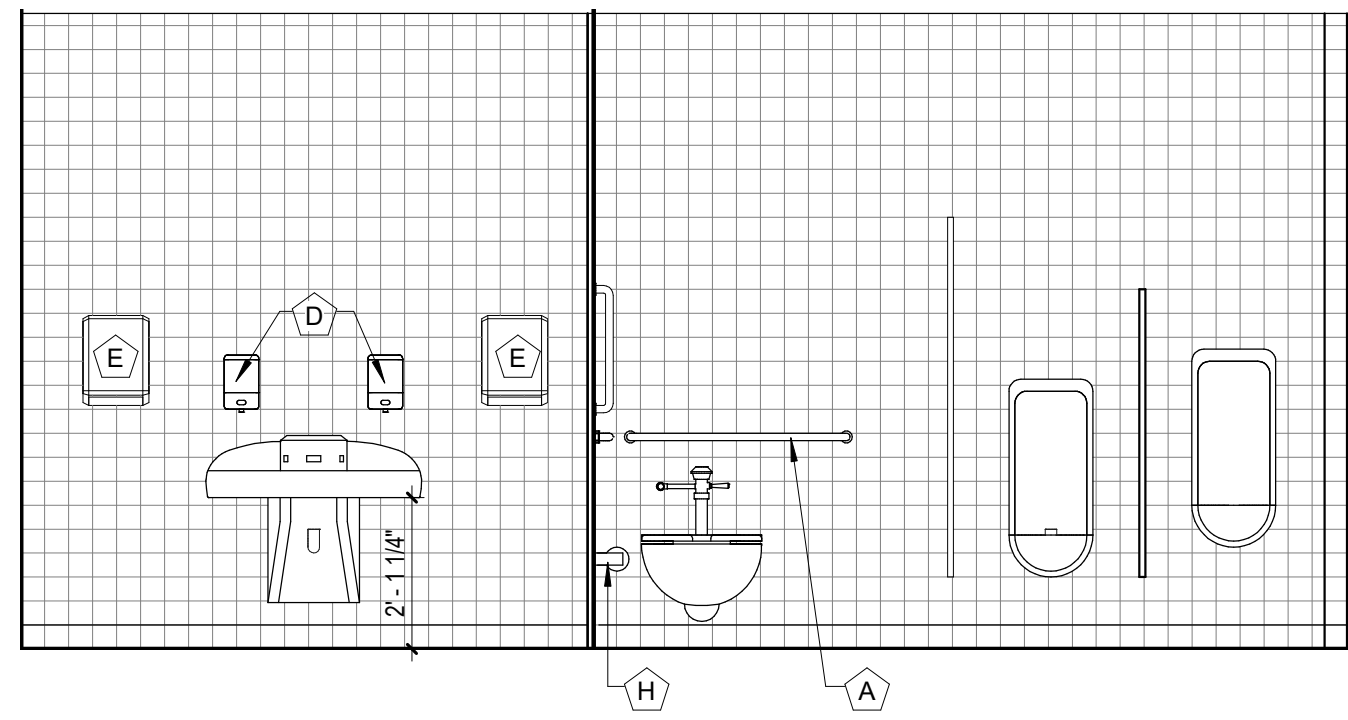
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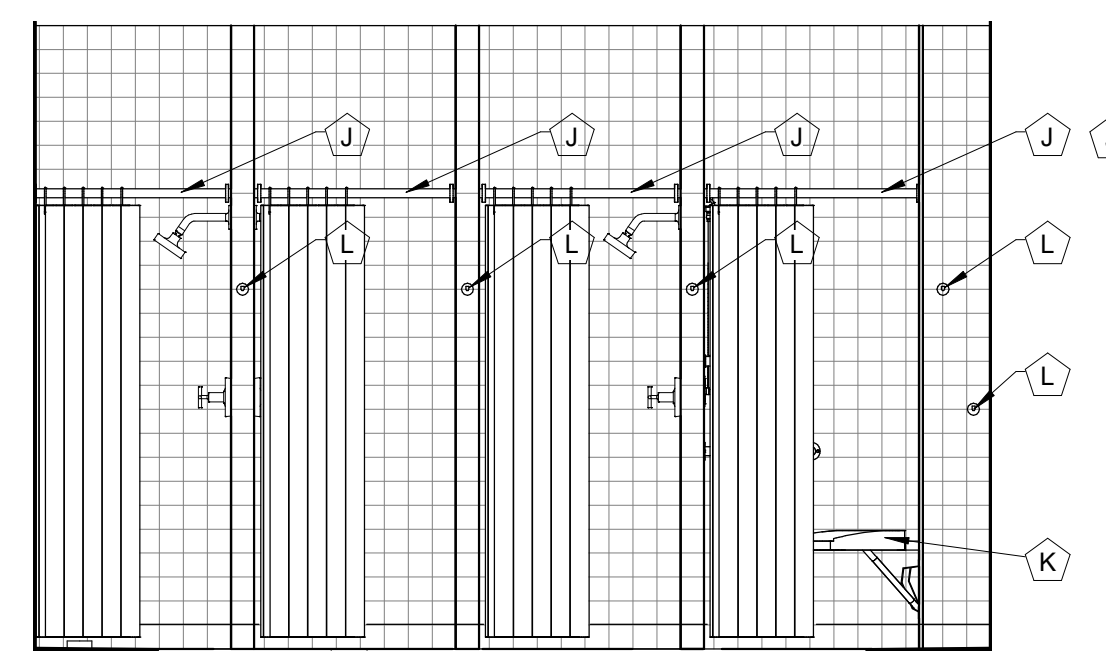
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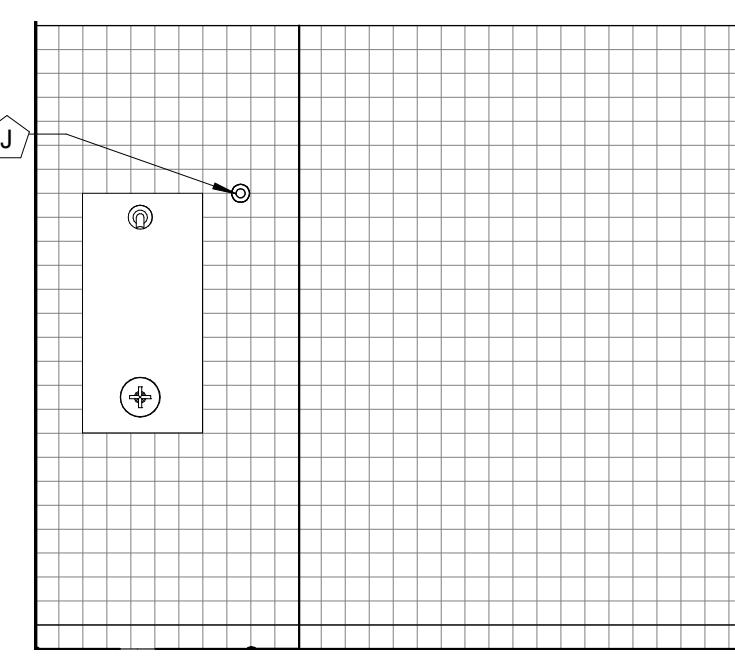




**1 BOYS' LOCKER RM.**  
 3/8" = 1'-0"



**2 BOYS' SHWR. NORTH**  
 3/8" = 1'-0"



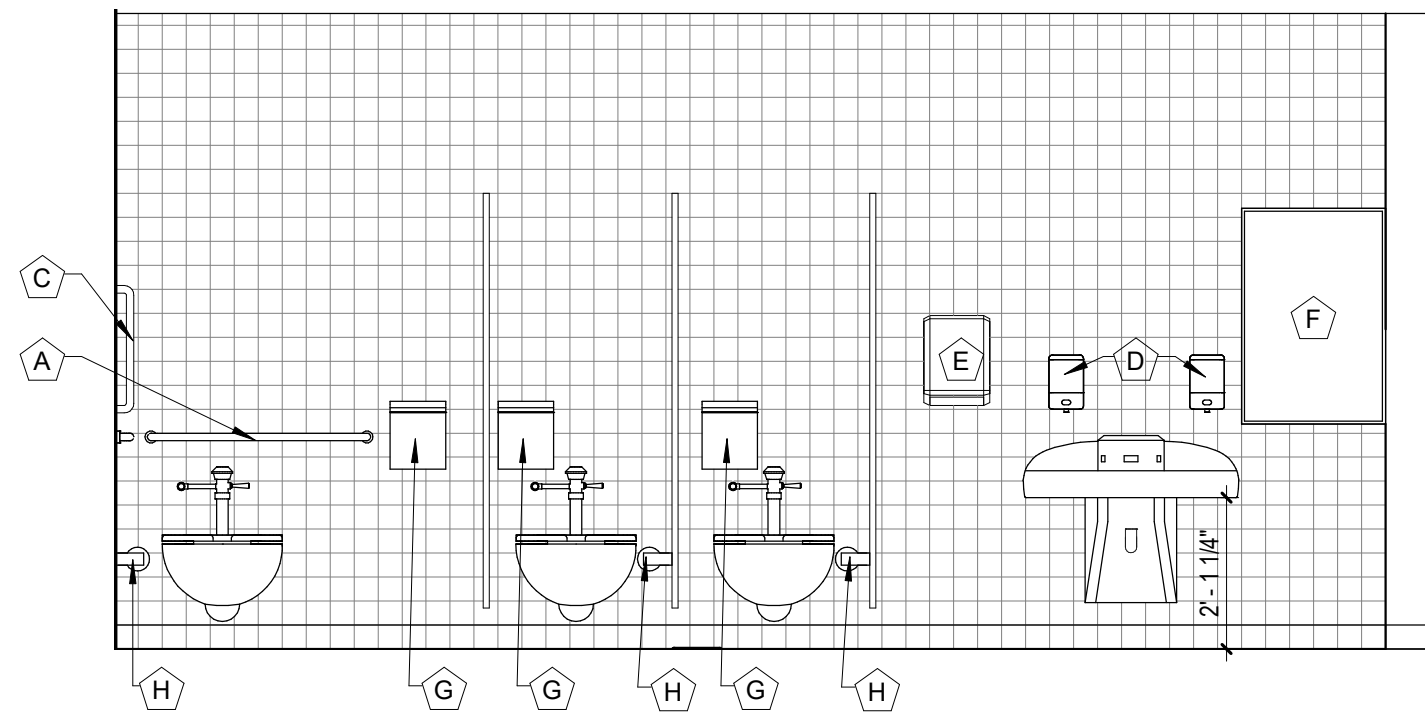
**3 BOYS' SHWR. EAST**  
 3/8" = 1'-0"

**INT. ELEV. GENERAL NOTES**

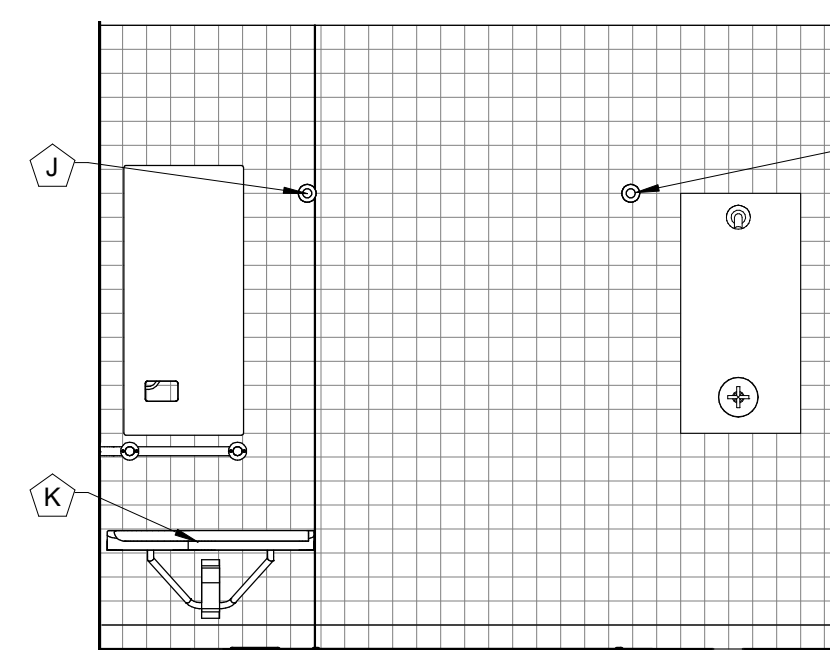
- 1 PATCH AND REPAIR FLOOR, BASE, WALLS AND CEILINGS TO MATCH ADJACENT SURFACES
- 2 PAINT PT-1 AT NEW CONSTRUCTION SURFACES ONLY. OWNER WILL BE RE-PAINTING HALL AFTER CONSTRUCTION IS COMPLETED

**INT. ELEV. KEY NOTES**

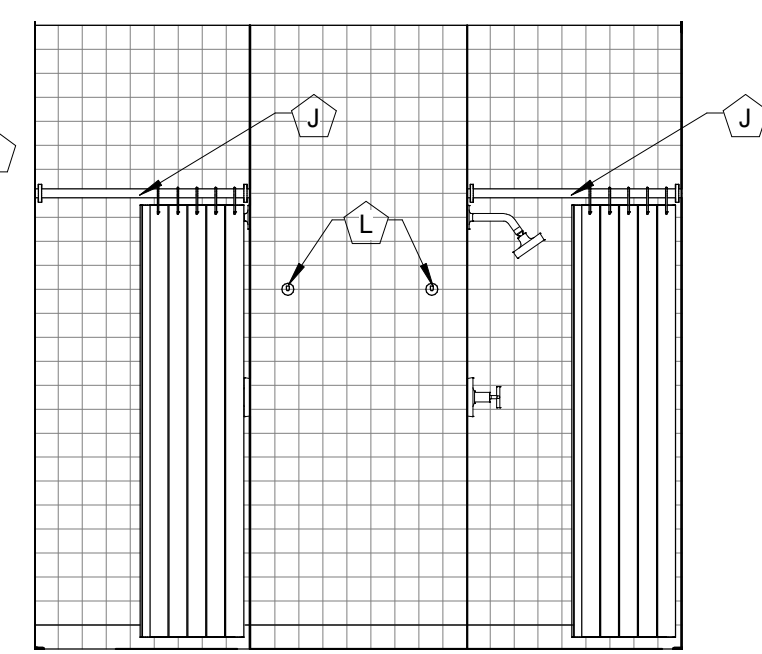
- 1 BULKHEAD. SEE 3 / A5.01
- 2 LINTEL. SEE 4 / A5.01
- 3 EXISTING ELECTRICAL PANELS, PAINT.



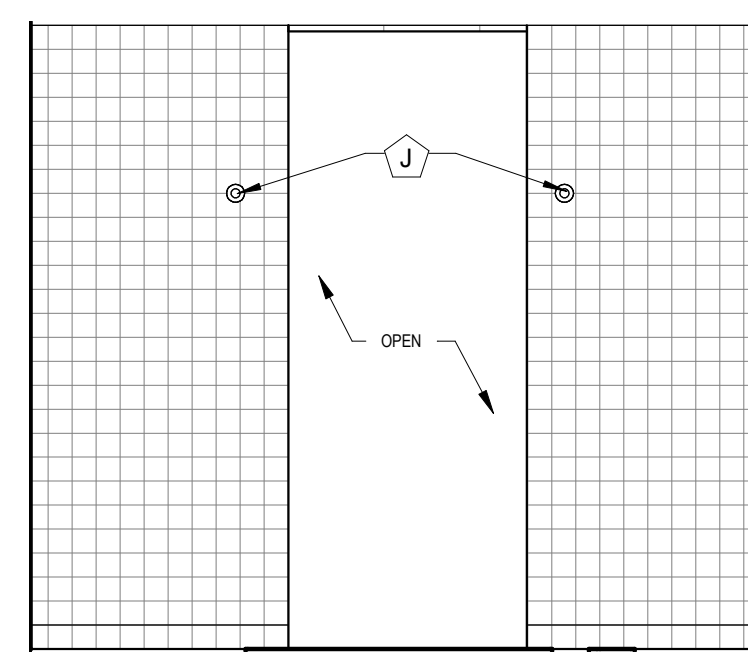
**4 GIRLS' LOCKER RM.**  
 3/8" = 1'-0"



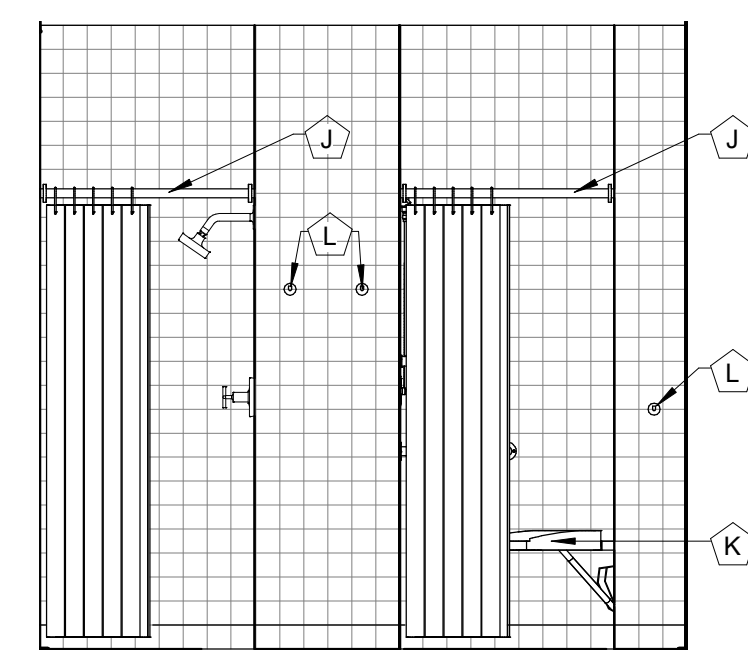
**5 GIRLS' SHWR. SOUTH**  
 3/8" = 1'-0"



**6 GIRLS' SHWR. WEST**  
 3/8" = 1'-0"



**7 GIRLS' SHWR. NORTH**  
 3/8" = 1'-0"



**8 GIRLS' SHWR. EAST**  
 3/8" = 1'-0"

**TOILET ACCESSORIES**

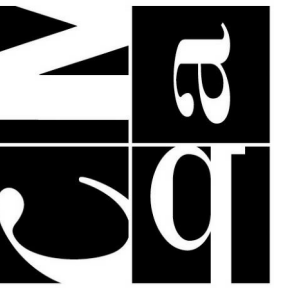
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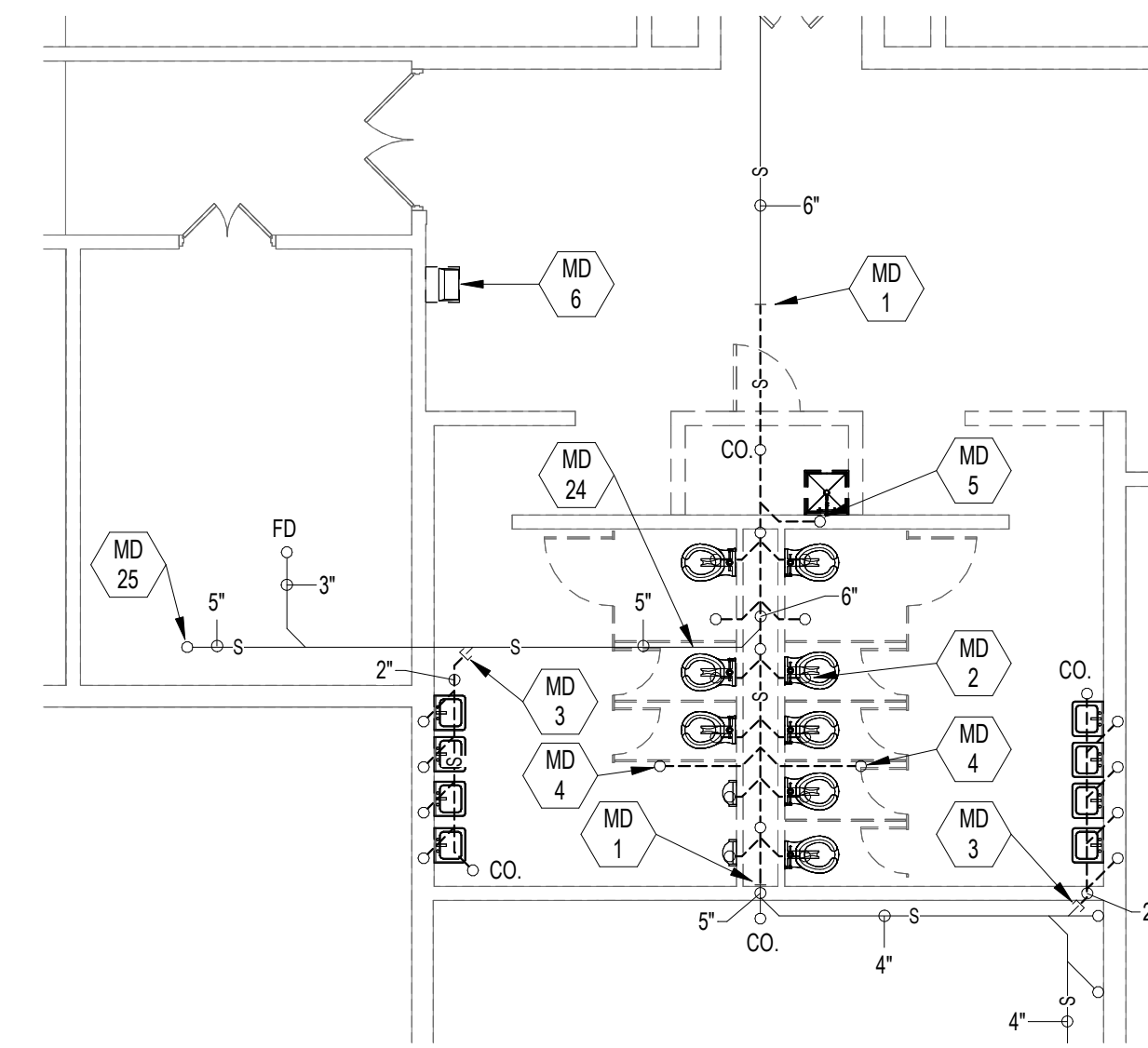
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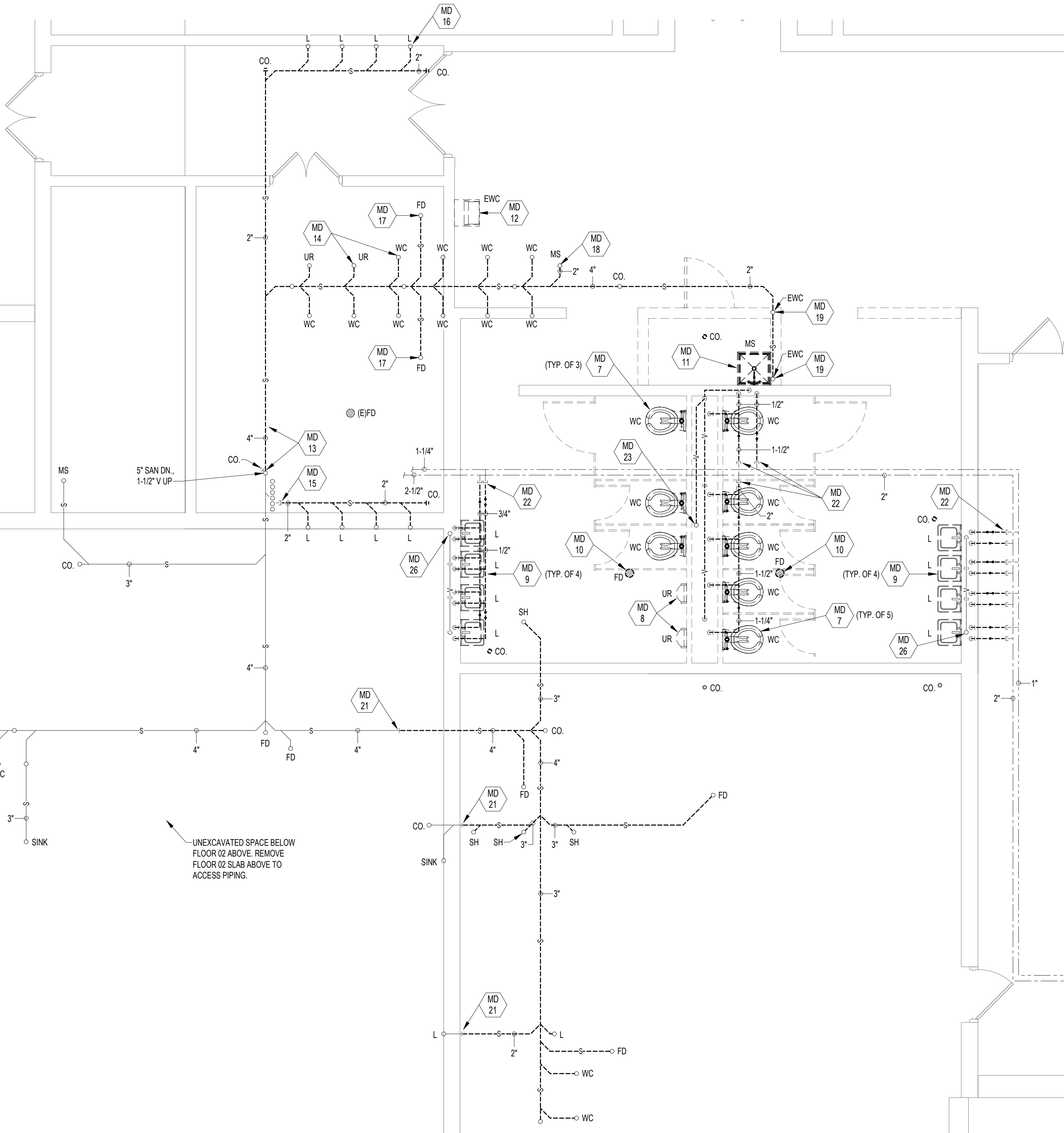
DATE: 02-03-2020  
 PROJECT: SC19156

INTERIOR ELEVATIONS (ALTERNATE)

CENTRAL LYON COM. SCHOOL DISTRICT  
 ELEM. SCHOOL RR / LR REMODEL - PHASE 2  
 ROCK RAPIDS, IOWA



**FLOOR 01 - FOUNDATION - PLUMBING DEMOLITION**  
SCALE: 1/8" = 1'-0"



**FLOOR 01 - PLUMBING DEMOLITION**  
SCALE: 1/4" = 1'-0"

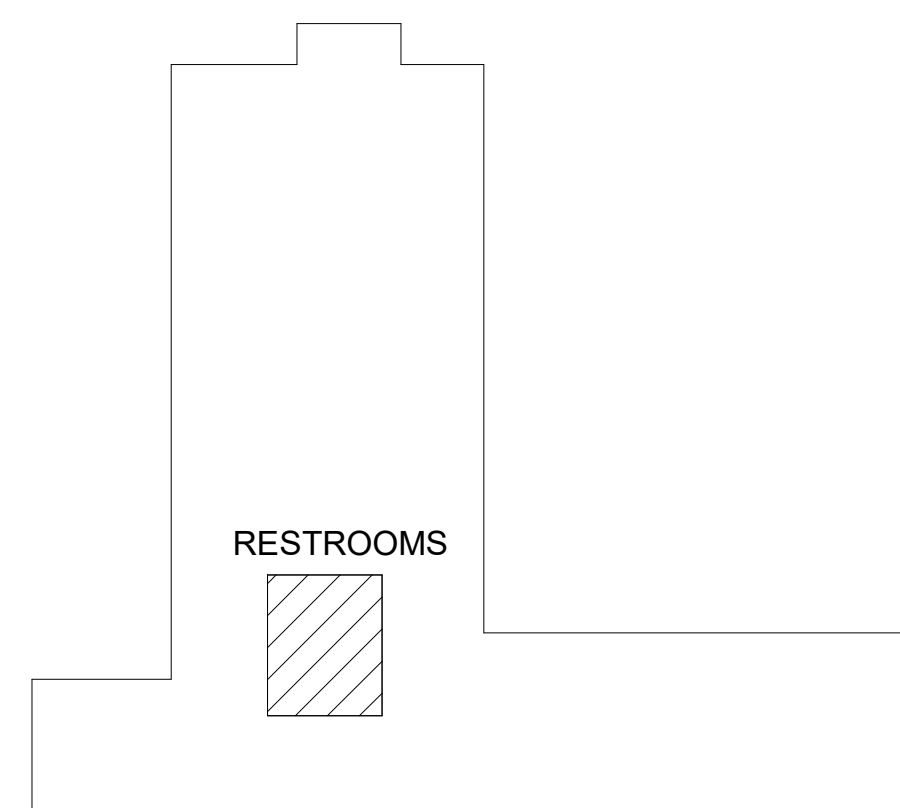
**DEMOLITION KEYNOTES**

1. REMOVE EXISTING 4" SANITARY SEWER BACK TO THIS POINT. SEE SHEET M1.1 FOR NEW PIPING BELOW THE FLOOR.
2. REMOVE EXISTING SANITARY SEWER AND VENT PIPING BELOW FLOOR TO ALL WATER CLOSETS AND URINALS. SEE SHEET M1.1 FOR NEW PIPING BELOW THE FLOOR.
3. CAP EXISTING SANITARY SEWER PIPE AT THIS POINT AND REMOVE BELOW FLOOR TO LAVATORIES.
4. REMOVE EXISTING SANITARY SEWER PIPING BELOW FLOOR TO FLOOR DRAIN. SEE SHEET M1.1 FOR NEW PIPING BELOW THE FLOOR.
5. REMOVE EXISTING SANITARY SEWER PIPING BELOW FLOOR TO MOP SINK. SEE SHEET M1.1 FOR NEW PIPING BELOW THE FLOOR.
6. REMOVE EXISTING SANITARY SEWER PIPING BELOW FLOOR TO ELECTRIC WATER COOLER. VERIFY SIZE AND LOCATION. SEE SHEET M1.1 FOR NEW PIPING BELOW THE FLOOR.
7. REMOVE EXISTING WATER CLOSET AND ASSOCIATED WASTE, VENT AND COLD WATER SUPPLY PIPING.
8. REMOVE EXISTING URINAL AND ASSOCIATED WASTE, VENT AND COLD WATER SUPPLY PIPING.
9. REMOVE EXISTING LAVATORY AND ASSOCIATED WASTE, VENT AND WATER SUPPLY PIPING.
10. REMOVE EXISTING FLOOR DRAIN.
11. REMOVE EXISTING MOP SINK AND ASSOCIATED WASTE, VENT AND WATER SUPPLY PIPING.
12. REMOVE EXISTING ELECTRIC WATER COOLER AND ASSOCIATED WASTE, VENT AND COLD WATER SUPPLY PIPING.
13. REMOVE EXISTING SANITARY SEWER PIPING AT CEILING BACK TO RISER AS SHOWN.
14. REMOVE EXISTING SANITARY SEWER AND VENT PIPING AT THE CEILING TO ALL WATER CLOSETS AND URINALS ABOVE ON FLOOR 02. SEE SHEET M1.1 FOR NEW PIPING.
15. CAP EXISTING SANITARY SEWER PIPING AT THIS POINT AND REMOVE AT THE CEILING TO THE LAVATORIES ABOVE ON SECOND FLOOR. SEE SHEET M1.1 FOR NEW PIPING AT THE CEILING.
16. REMOVE EXISTING SANITARY SEWER PIPING AT THE CEILING TO LAVATORIES ABOVE ON FLOOR 02. SEE SHEET M1.1 FOR NEW PIPING AT THE CEILING.
17. REMOVE EXISTING SANITARY SEWER PIPING AT THE CEILING TO FLOOR DRAIN ABOVE ON FLOOR 02. SEE SHEET M1.1 FOR NEW PIPING AT THE CEILING.
18. REMOVE EXISTING SANITARY SEWER PIPING AT THE CEILING TO MOP SINK ABOVE ON FLOOR 02. SEE SHEET M1.1 FOR NEW PIPING AT THE CEILING.
19. REMOVE EXISTING SANITARY SEWER PIPING AT THE CEILING TO ELECTRIC WATER COOLER ABOVE ON FLOOR 02. SEE SHEET M1.1 FOR NEW PIPING AT THE CEILING.
20. REMOVE EXISTING CONDENSATE DRAIN PIPE BACK TO THIS POINT. SEE SHEET M1.1 FOR NEW PIPING.
21. REMOVE EXISTING SANITARY SEWER BACK TO THIS POINT. SEE SHEET M1.1 FOR NEW PIPING.
22. CAP COLD AND HOT WATER PIPING AT THE MAINS AND REMOVE AS SHOWN.
23. REMOVE EXISTING VENT PIPING IN CHASE. EXISTING VENT RISER UP THROUGH FLOOR TO REMAIN. SEE PLANS FOR NEW CONNECTION. SEE SHEET MD1.2 FOR CONTINUATION.
24. EXISTING 5" SANITARY SEWER BELOW FLOOR TO REMAIN. SEE SHEET M1.1 FOR CONNECTION TO NEW PIPING BELOW THE FLOOR.
25. EXISTING 5" SANITARY SEWER RISER UP THROUGH FLOOR TO REMAIN. SEE PLUMBING DEMOLITION FLOOR PLAN ON THIS SHEET FOR CONTINUATION OF RISER AND ADDITIONAL NOTES.
26. EXISTING VENT PIPING UP THROUGH FLOOR TO REMAIN.
27. REMOVE EXISTING SANITARY SEWER AND VENT PIPING BELOW FLOOR 02 TO ALL WATER CLOSETS AND URINALS ABOVE ON FLOOR 02. SEE SHEET M1.1 FOR NEW PIPING.

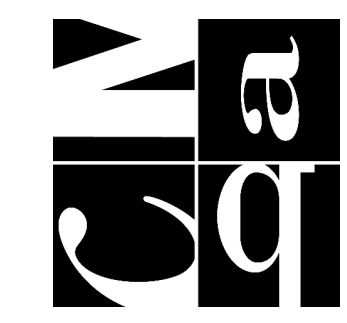
**GENERAL NOTES**

1. ALL ITEMS SHOWN ARE ON THESE DRAWINGS ARE BASED ON THE BEST AVAILABLE INFORMATION. ALL ITEMS SHOWN ARE TO INDICATE THE INTENT OF THE PLUMBING SYSTEMS BUT MAY NOT NECESSARILY REFLECT THE EXACT ROUTING. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY ALL OF THE EXISTING CONDITIONS (INCLUDING UTILITIES) PRIOR TO ANY EXCAVATION, FABRICATION OR INSTALLATION. ITEMS REQUIRING MODIFICATION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND/OR ENGINEER PRIOR TO STARTING ANY WORK.

2/1/2020 1:19:16 PM  
**PRELIMINARY PLAN**  
**NOT FOR CONSTRUCTION**



**FLOOR 1 KEYPLAN**  
NO SCALE



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**EXISTING FLOOR 1 - PLUMBING DEMOLITION**

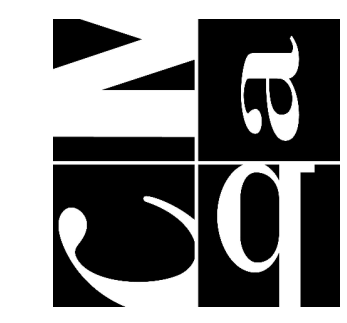
**CENTRAL LYON COM. SCHOOL DISTRICT**  
**ELEM. SCHOOL RR/LR REMODEL PHASE 2**  
ROCK RAPIDS, IOWA

SHEET  
**MD1.1**

FILE PATH: C:\Users\m188\OneDrive\Documents\183C\MD1.1.dwg  
PLOT DATE: 2/1/2020 1:19:16 PM

**DEMOLITION KEYNOTES**

1. REMOVE EXISTING WATER CLOSET AND ASSOCIATED WASTE, VENT AND COLD WATER SUPPLY PIPING.
2. REMOVE EXISTING URINAL AND ASSOCIATED WASTE, VENT AND COLD WATER SUPPLY PIPING.
3. REMOVE EXISTING LAVATORY AND ASSOCIATED WASTE, VENT AND WATER SUPPLY PIPING.
4. REMOVE EXISTING FLOOR DRAIN AND PIPING.
5. REMOVE EXISTING MOPSINK AND ASSOCIATED WASTE, VENT AND WATER SUPPLY PIPING.
6. REMOVE EXISTING ELECTRIC WATER COOLER AND ASSOCIATED WASTE, VENT AND COLD WATER SUPPLY PIPING.
7. REMOVE EXISTING SHOWER AND DRAIN AND ASSOCIATED WASTE, VENT AND WATER SUPPLY PIPING.
8. CAP EXISTING COLD AND HOT WATER PIPING AT MAINS AND REMOVE AS SHOWN.
9. CAP EXISTING COLD WATER PIPING AT MAIN AND REMOVE AS SHOWN.
10. CAP EXISTING HOT WATER PIPING AT THIS POINT AND REMOVE AS SHOWN.
11. CAP EXISTING TEMPERED WATER PIPING AT THIS POINT AND REMOVE AS SHOWN. SEE M1.2 FOR NEW PIPING.
12. EXISTING SINK TO BE RELOCATED BY THE G.C. SEE SHEET M1.2 FOR NEW LOCATION AND NEW PIPING.
13. EXISTING VENT DOWN THROUGH FLOOR AND UP TO VENT THROUGH ROOF TO REMAIN.

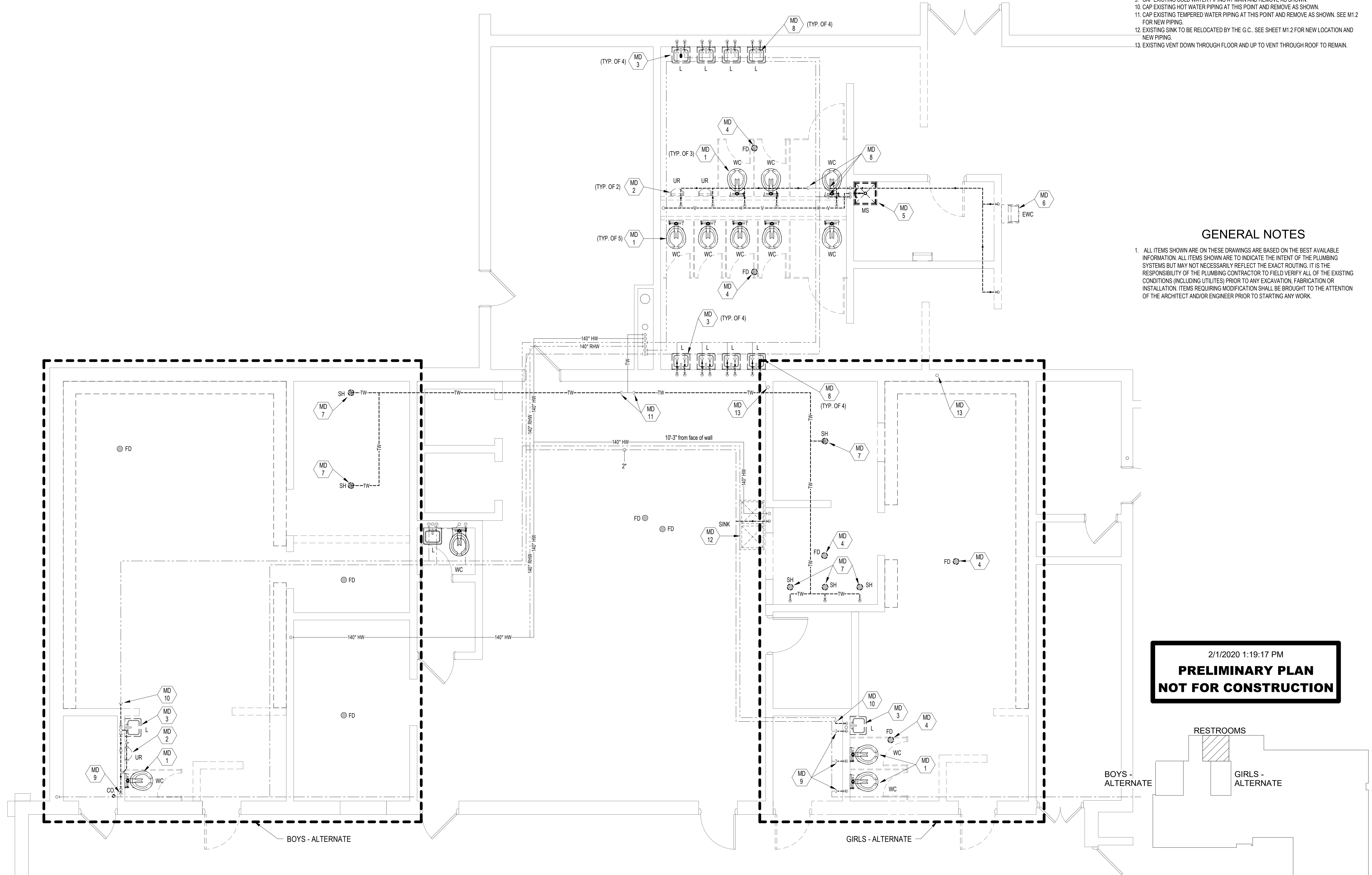


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**GENERAL NOTES**

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2/1/2020 1:19:17 PM  
**PRELIMINARY PLAN**  
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**FLOOR 02 - PLUMBING DEMOLITION**  
 SCALE: 1/4" = 1'-0"

**FLOOR 2 KEYPLAN**  
 NO SCALE

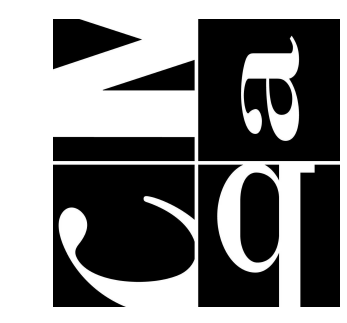
**CENTRAL LYON COM. SCHOOL DISTRICT**  
**ELEM. SCHOOL RR/LR REMODEL PHASE 2**  
**ROCK RAPIDS, IOWA**

SHEET  
**MD1.2**

FILE PATH: C:\Users\m188\Documents\19156\MD1.2.dwg  
 PLOT DATE: 2/2/2020 11:59:17 AM

**DEMOLITION KEYNOTES**

1. REMOVE EXISTING POWER ROOF VENTILATOR, DUCT AND GRILLES.
2. REMOVE EXISTING POWER ROOF VENTILATOR AND CURB. DUCT TO REMAIN FOR REUSE.
3. F.C. TO REMOVE EXISTING ELECTRIC HEATER.
4. REMOVE EXISTING GRAVITY RELIEF VENT AND CURB. G.C. TO PATCH ROOF.
5. REMOVE EXISTING EXHAUST GRILLES AND BRANCH DUCTS. DUCT MAIN TO REMAIN. G.C. SHALL PATCH WALL OPENING.



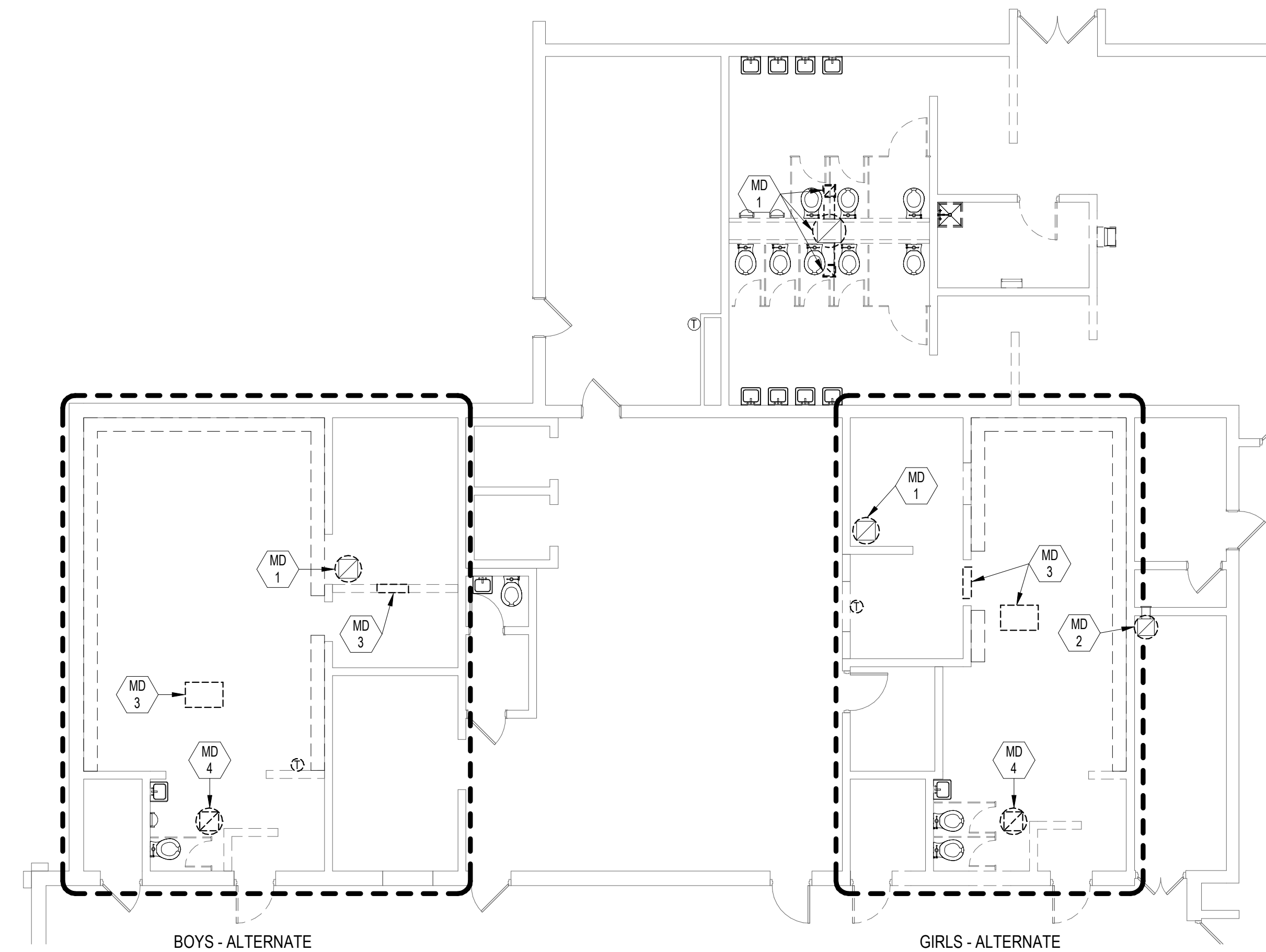
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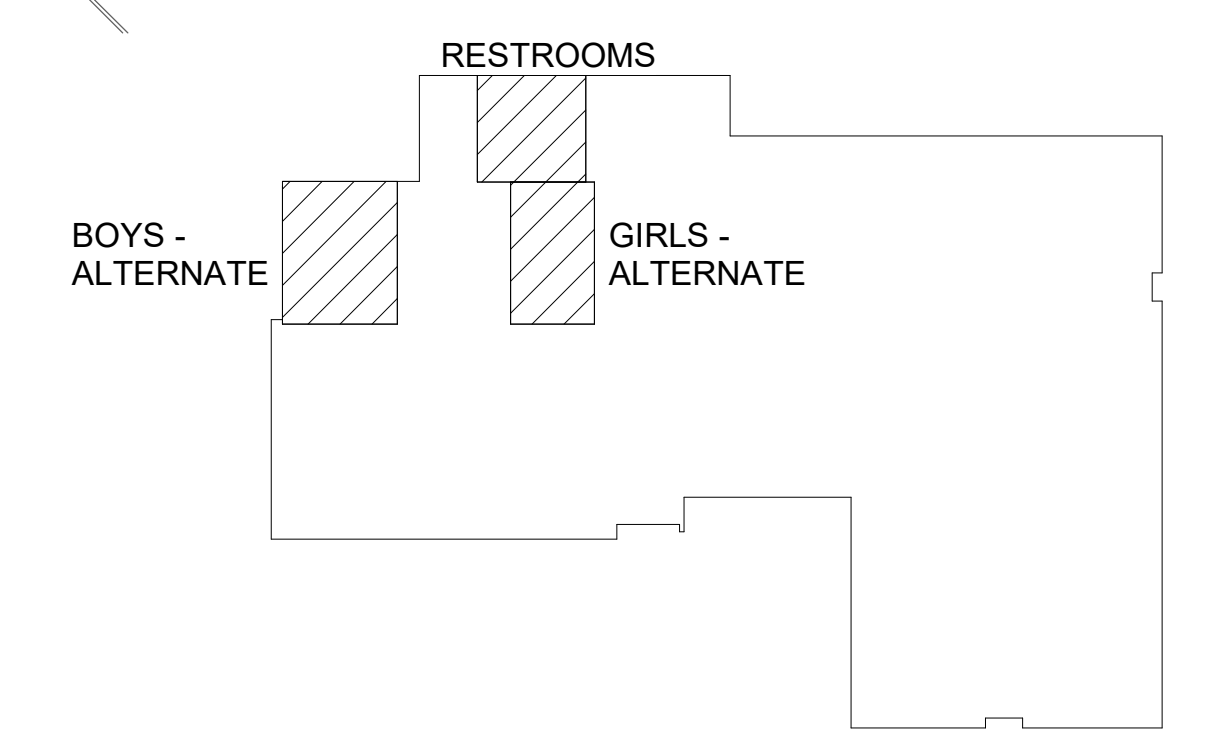
**EXISTING FLOOR PLANS - HVAC DEMOLITION**

**CENTRAL LYON COM. SCHOOL DISTRICT  
 ELEM. SCHOOL RR/LR REMODEL PHASE 2  
 ROCK RAPIDS, IOWA**

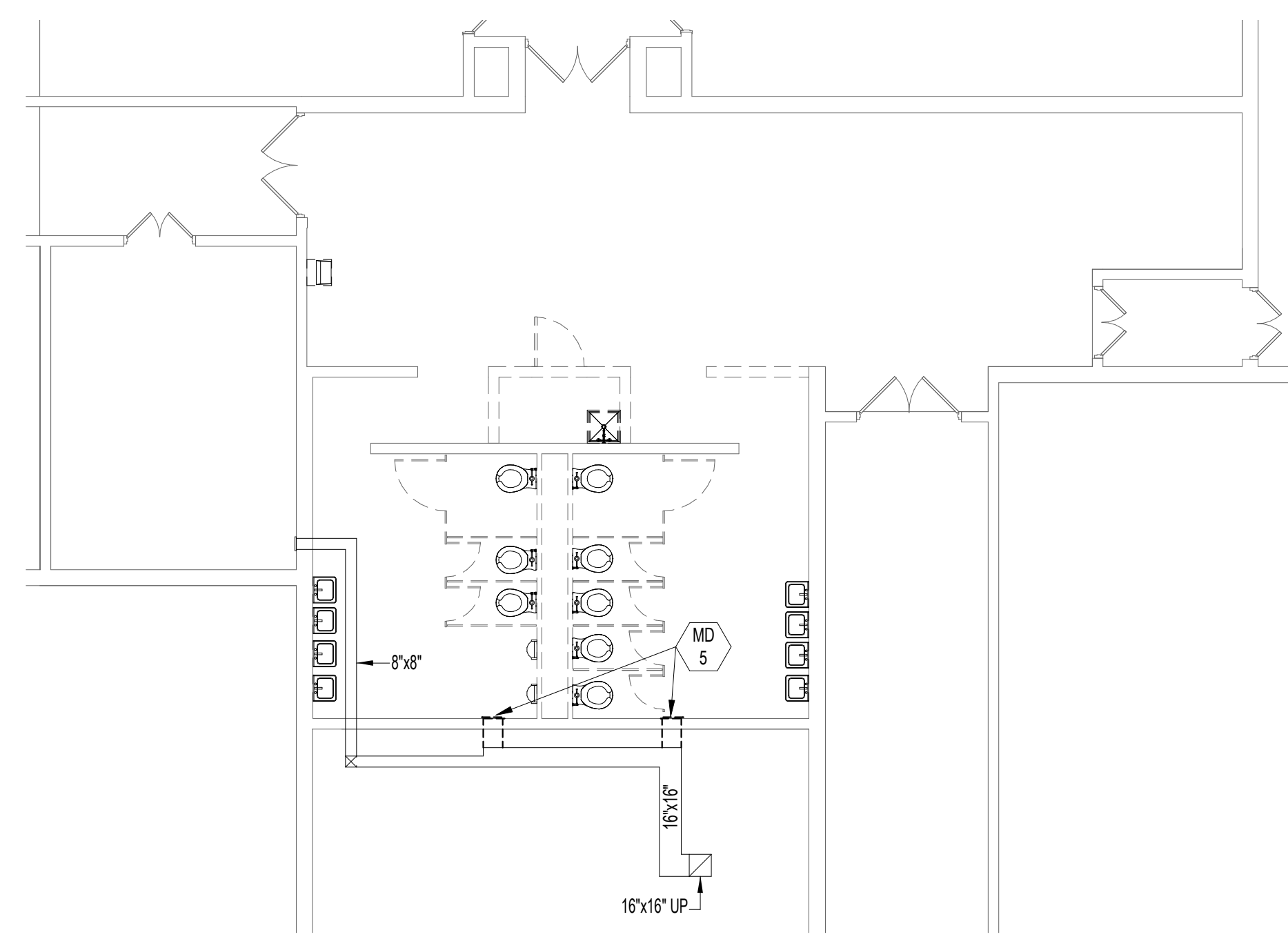
SHEET  
**MD2.1**



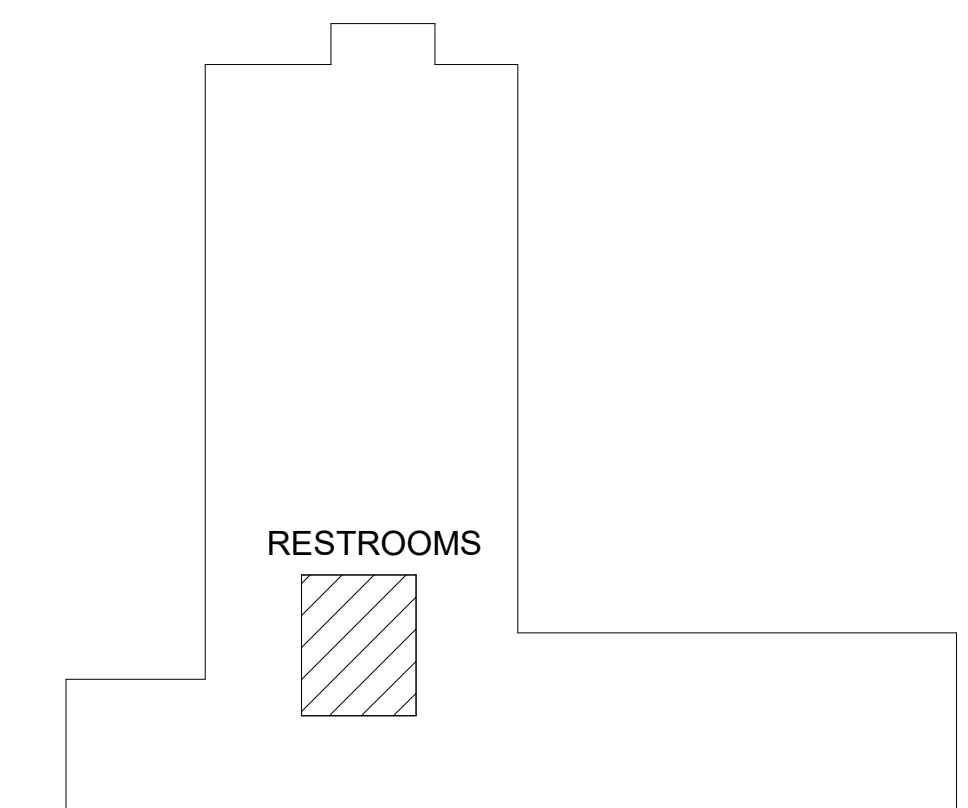
**FLOOR 02 - HVAC DEMOLITION**  
 SCALE: 1/8" = 1'-0"



**FLOOR 2 KEYPLAN**  
 NO SCALE



**FLOOR 01 - HVAC DEMOLITION**  
 SCALE: 1/8" = 1'-0"



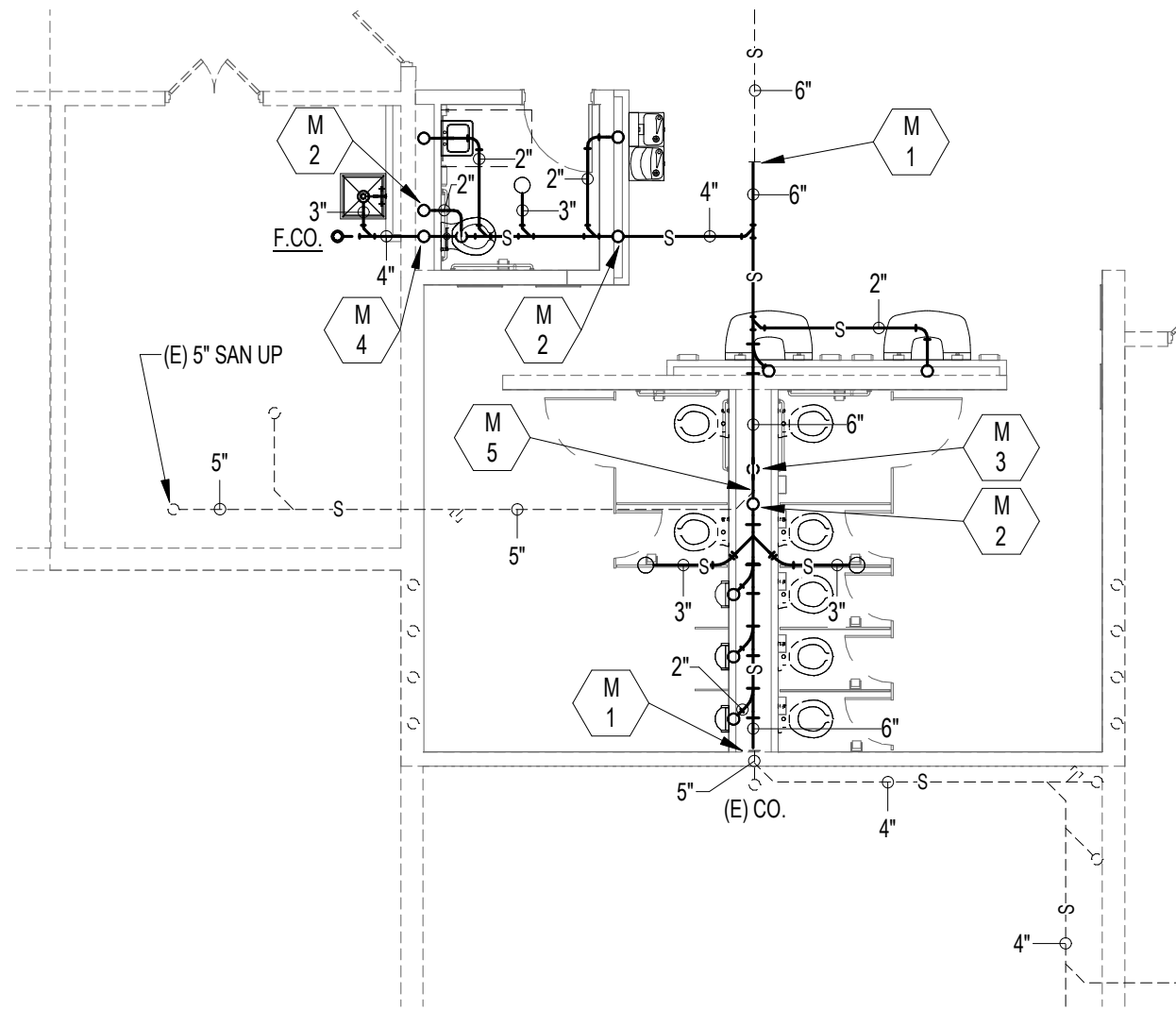
**FLOOR 1 KEYPLAN**  
 NO SCALE

1/31/2020 3:03:33 PM  
**PRELIMINARY PLAN**  
**NOT FOR CONSTRUCTION**

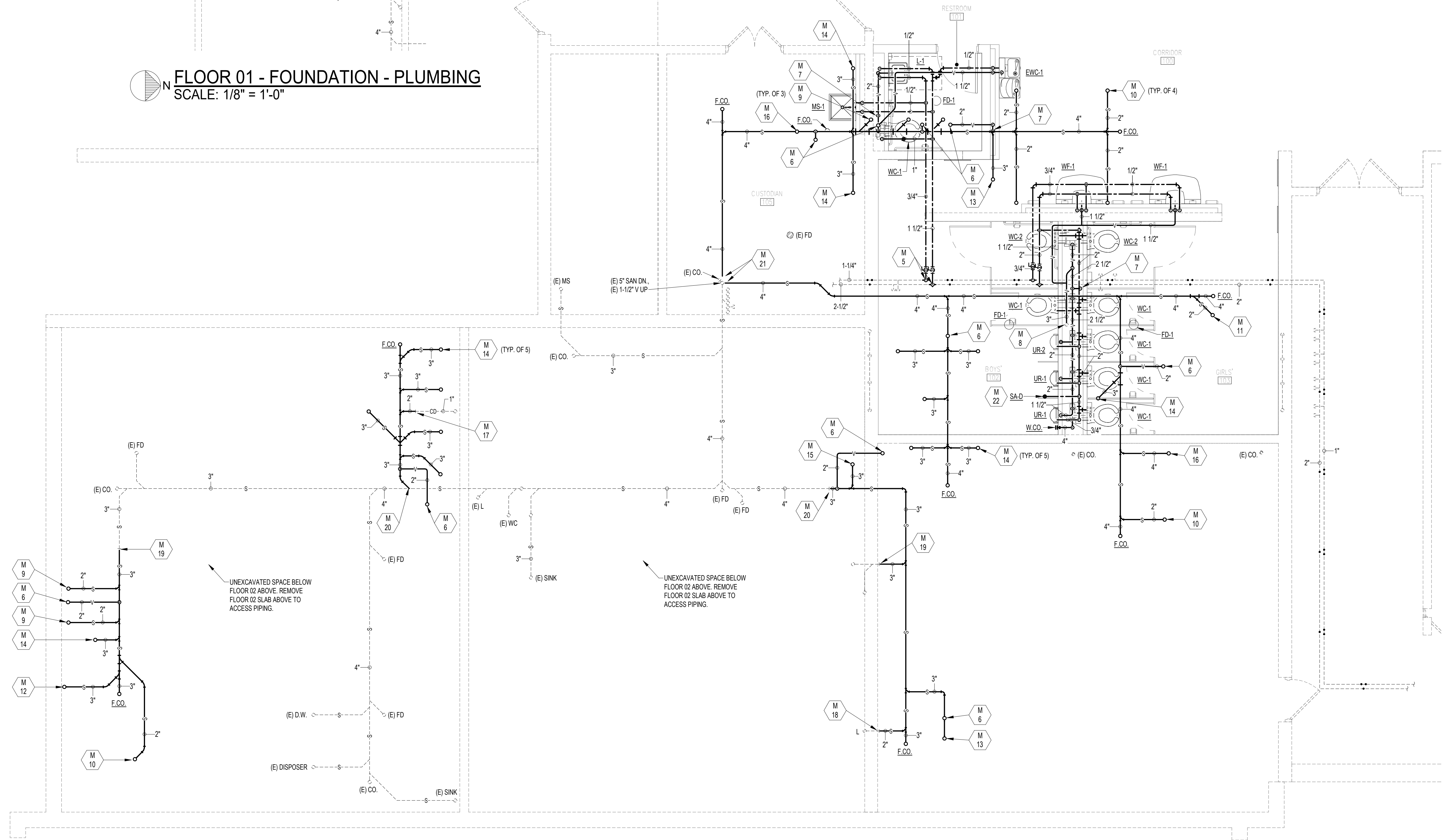
FILE PATH: C:\Users\jg\Documents\19156\MD2.1.dwg  
 PLOT DATE: 01/31/2020 3:03:33 PM

**KEYNOTES**

1. CONNECT NEW 4" SANITARY SEWER TO EXISTING AT THIS POINT AND RUN AS SHOWN.
2. 2" VENT UP THROUGH FLOOR. SEE PLAN ON THIS SHEET FOR CONTINUATION.
3. 4" SANITARY SEWER UP THROUGH FLOOR TO FIXTURES. SEE PLAN ON THIS SHEET FOR CONTINUATION.
4. 4" SANITARY SEWER UP THROUGH FLOOR TO WATER CLOSET CARRIER. SEE PLAN ON THIS SHEET FOR CONTINUATION.
5. CONNECT EXISTING 5" SANITARY SEWER PIPE TO NEW 6" SANITARY SEWER PIPE.
6. 2" VENT UP THROUGH FLOOR. SEE SHEET M1.2 FOR CONTINUATION.
7. 2" VENT DOWN THROUGH FLOOR. SEE FOUNDATION PLAN ON THIS SHEET FOR CONTINUATION.
8. CONNECT NEW 3" VENT TO EXISTING 3" VENT RISER UP THROUGH FLOOR.
9. 2" SANITARY SEWER UP THROUGH FLOOR TO URINAL ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
10. 2" SANITARY SEWER UP THROUGH FLOOR TO WASH FOUNTAIN ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
11. 2" SANITARY SEWER UP THROUGH FLOOR TO ELECTRIC WATER COOLER ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
12. 3" SANITARY SEWER UP THROUGH FLOOR TO WATER CLOSET ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
13. 3" SANITARY SEWER UP THROUGH FLOOR TO MOP SINK ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
14. 3" SANITARY SEWER UP THROUGH FLOOR TO FLOOR DRAIN ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
15. 3" SANITARY SEWER UP THROUGH FLOOR TO FLOOR SINK ABOVE. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
16. 4" SANITARY SEWER UP THROUGH FLOOR TO FIXTURES. SEE PLAN ON SHEET M1.2 FOR CONTINUATION.
17. CONNECT NEW 2" SANITARY SEWER PIPE TO EXISTING 1" CONDENSATE DRAIN PIPE. VERIFY EXACT LOCATION.
18. CONNECT NEW 2" SANITARY SEWER PIPE TO EXISTING 2" SANITARY SEWER PIPE. VERIFY EXACT LOCATION.
19. CONNECT NEW 3" SANITARY SEWER PIPE TO EXISTING 3" SANITARY SEWER PIPE. VERIFY EXACT LOCATION.
20. CONNECT NEW 3" SANITARY SEWER PIPE TO EXISTING 4" SANITARY SEWER PIPE. VERIFY EXACT LOCATION.
21. CONNECT NEW 4" SANITARY SEWER PIPE TO EXISTING 5" SANITARY SEWER RISER. VERIFY EXACT LOCATION.
22. INSTALL SHOCK ABSORBER IN ACCESSIBLE LOCATION.



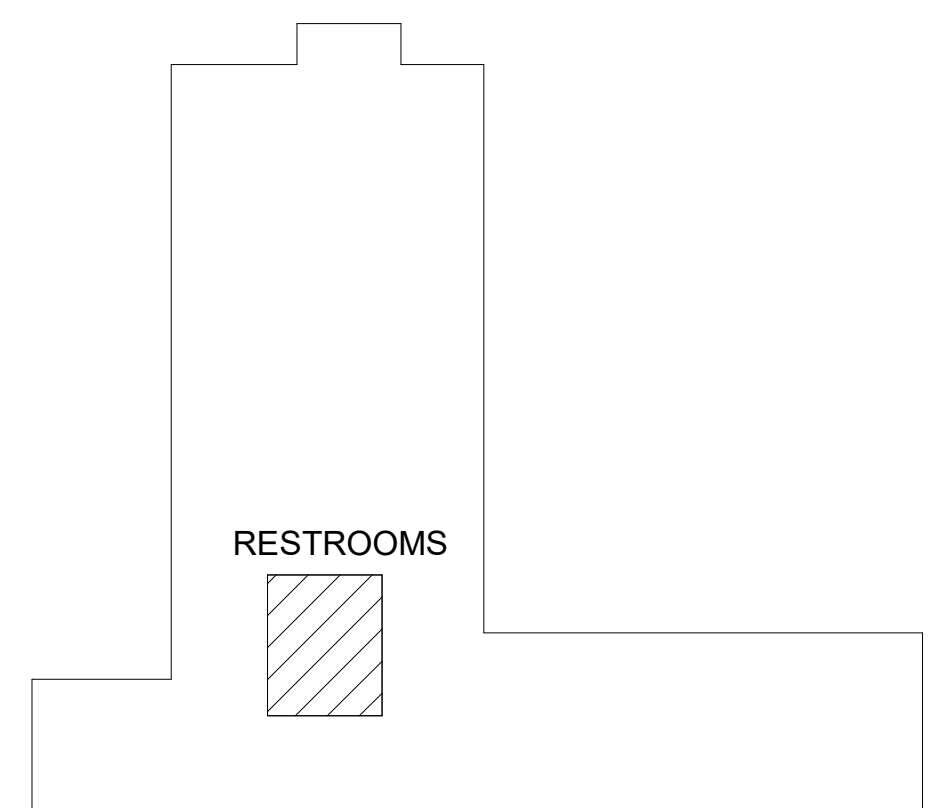
**FLOOR 01 - FOUNDATION - PLUMBING**  
SCALE: 1/8" = 1'-0"



UNEXCAVATED SPACE BELOW FLOOR 02 ABOVE. REMOVE FLOOR 02 SLAB ABOVE TO ACCESS PIPING.

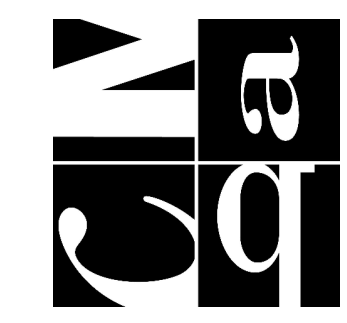
UNEXCAVATED SPACE BELOW FLOOR 02 ABOVE. REMOVE FLOOR 02 SLAB ABOVE TO ACCESS PIPING.

2/11/2020 1:19:12 PM  
**PRELIMINARY PLAN**  
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**FLOOR 01 - PLUMBING**  
SCALE: 1/4" = 1'-0"

**FLOOR 1 KEYPLAN**  
NO SCALE



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**FLOOR PLANS - PLUMBING**

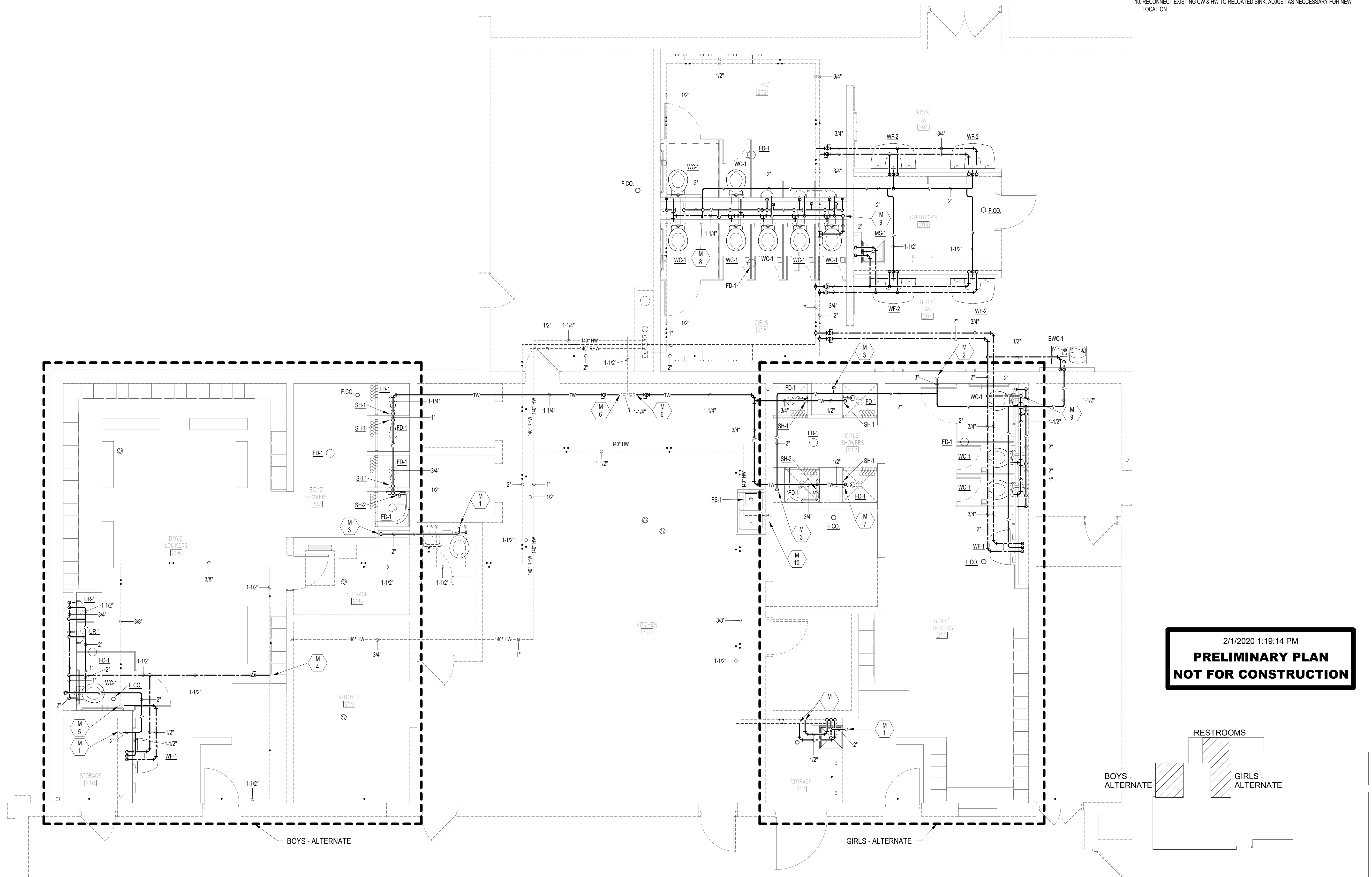
**CENTRAL LYON COM. SCHOOL DISTRICT**  
**ELEM. SCHOOL RR/LR REMODEL PHASE 2**  
ROCK RAPIDS, IOWA

SHEET  
**M1.1**

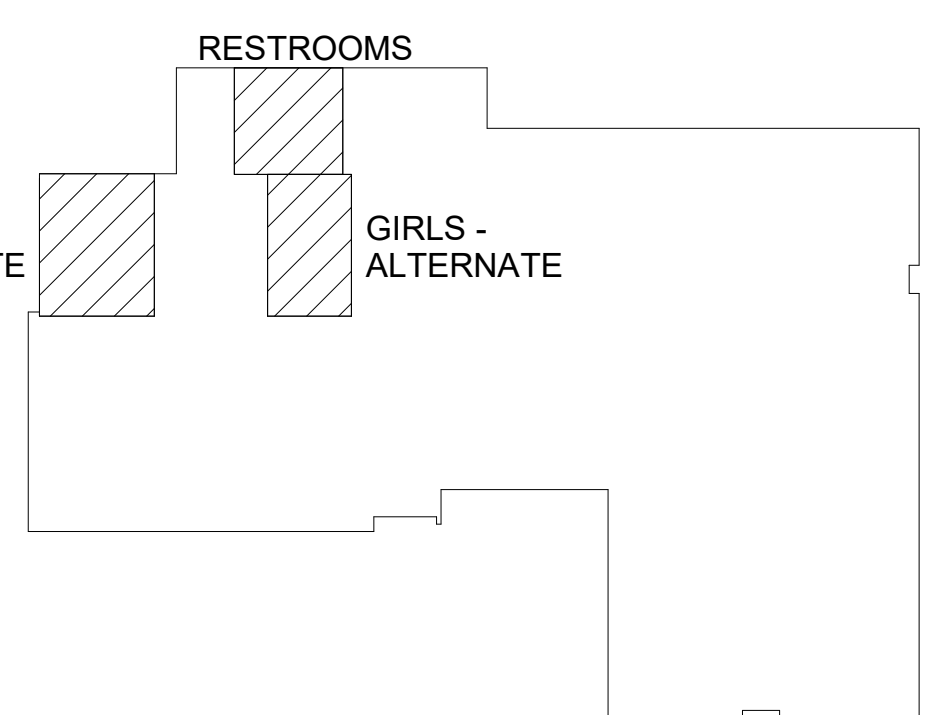
FILE PATH: C:\Users\m183\OneDrive\Documents\19183\SC19156\19183.mxd  
PLOT DATE: 2/11/2020 1:19:12 PM

**KEYNOTES**

1. CONNECT NEW 2" VENT TO EXISTING VENT. VERIFY EXACT LOCATION AND OPEN UP THE WALL AS NECESSARY TO CONNECT VENT.
2. CONNECT NEW 3" VENT TO EXISTING VENT. VERIFY EXACT LOCATION AND OPEN UP THE WALL AS NECESSARY TO CONNECT VENT.
3. 2" VENT DOWN THROUGH FLOOR. SEE SHEET M1.2 FOR CONTINUATION.
4. CONNECT NEW 1-1/2" CW TO EXISTING CW. VERIFY EXACT LOCATION.
5. CONNECT NEW 1/2" HW TO EXISTING HW. VERIFY EXACT LOCATION.
6. CONNECT NEW 1-1/4" TW TO EXISTING TEMPERED WATER. VERIFY EXACT LOCATION.
7. RUN 1/2" TW DOWN EXPOSED ON WALL TO SURFACE MOUNTED SHOWER (TYPICAL OF ALL SHOWERS).
8. NEW 2" VENT UP IN CHASE AND UP TO NEW 4" VENT THROUGH ROOF.
9. 2" CW DOWN IN CHASE TO PLUMBING FIXTURES.
10. RECONNECT EXISTING CW & HW TO RELOCATED SINK. ADJUST AS NECESSARY FOR NEW LOCATION.

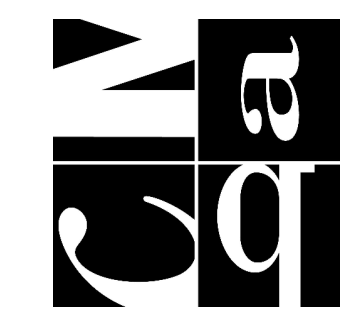


2/1/2020 1:19:14 PM  
**PRELIMINARY PLAN**  
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**FLOOR 02 - PLUMBING**  
 SCALE: 1/4" = 1'-0"

**FLOOR 2 KEYPLAN**  
 NO SCALE



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**FLOOR PLANS - PLUMBING**

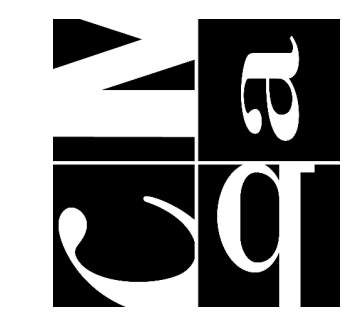
**CENTRAL LYON COM. SCHOOL DISTRICT**  
**ELEM. SCHOOL RR/LR REMODEL PHASE 2**  
 ROCK RAPIDS, IOWA

SHEET  
**M1.2**

FILE PATH: C:\Users\183C\Documents\183C\SC19156\F10\_02.mxd  
 PLOT DATE: 2/2/2020 11:58:14 AM

KEYNOTES

- CONNECT NEW 3" VENT TO EXISTING VENT. VERIFY EXACT LOCATION. REMOVE EXISTING WALL AS REQUIRED FOR CONNECTION TO EXISTING VENT PIPE.
- CONNECT NEW 2" VENT TO EXISTING VENT. VERIFY EXACT LOCATION. REMOVE EXISTING WALL AS REQUIRED FOR CONNECTION TO EXISTING VENT PIPE.
- CONNECT NEW 4" SANITARY SEWER TO EXISTING RISER.
- CONNECT NEW 3" SANITARY SEWER TO EXISTING SANITARY SEWER BELOW FLOOR. FIELD VERIFY EXACT LOCATION AND INVERT.
- CONNECT NEW 4" SANITARY SEWER TO EXISTING SANITARY SEWER BELOW FLOOR. FIELD VERIFY EXACT LOCATION AND INVERT.
- CONNECT NEW 5" SANITARY SEWER TO EXISTING SANITARY SEWER BELOW FLOOR. FIELD VERIFY EXACT LOCATION AND INVERT.
- CONNECT NEW 5" SANITARY SEWER TO EXISTING SANITARY SEWER BELOW FLOOR. FIELD VERIFY EXACT LOCATION AND INVERT.



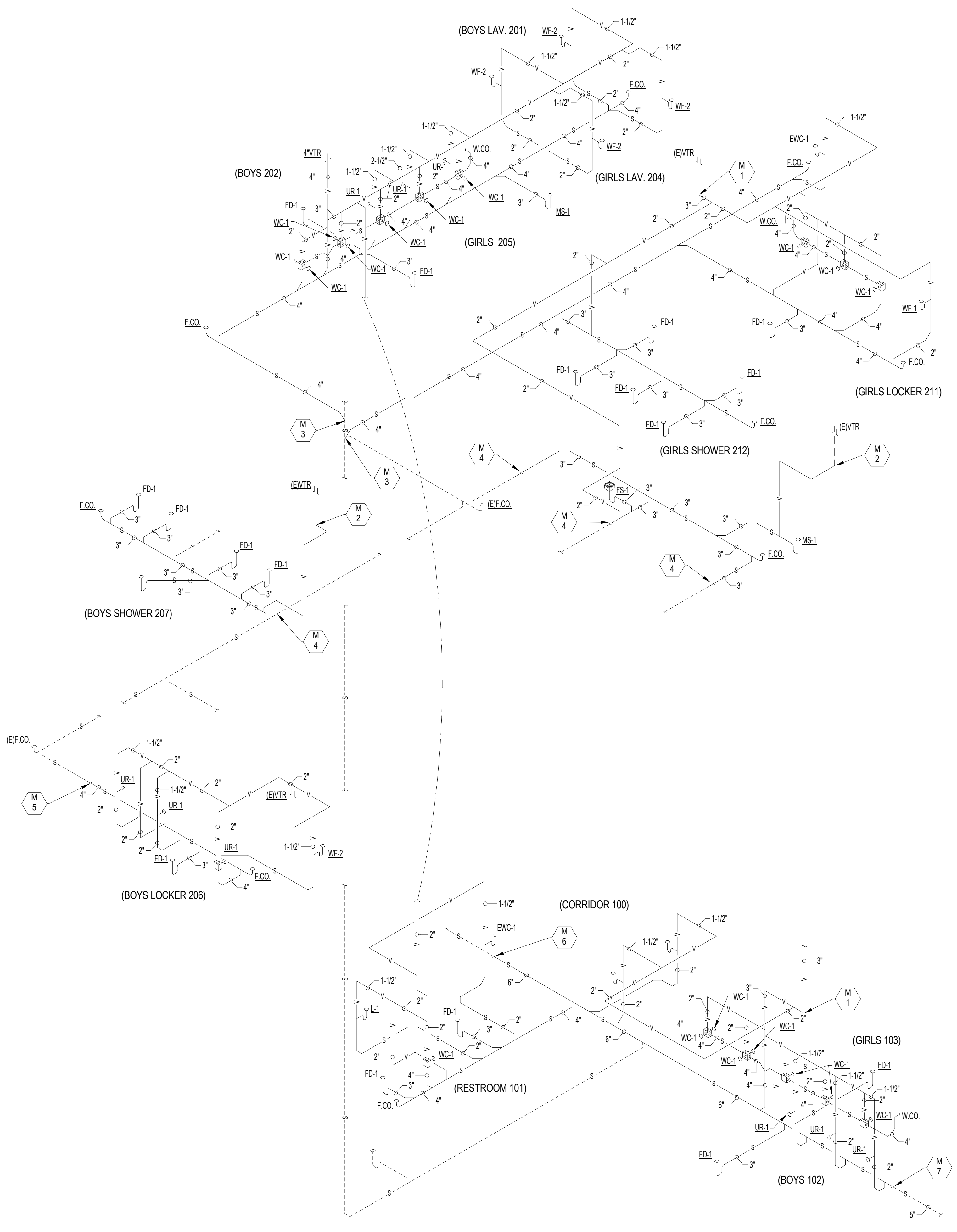
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DATE: **02-03-2020**  
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**RISER DIAGRAMS AND SCHEDULES - PLUMBING**

**CENTRAL LYON COM. SCHOOL DISTRICT  
 ELEM. SCHOOL RR/LR REMODEL PHASE 2  
 ROCK RAPIDS, IOWA**

SHEET  
**M2.1**



**WASTE AND VENT RISER DIAGRAM**  
 NO SCALE

2/1/2020 1:19:14 PM  
**PRELIMINARY PLAN**  
**NOT FOR CONSTRUCTION**

**PLUMBING FIXTURE SCHEDULE**

Provide chrome plated, brass loose-key stops for all fixtures. Provide two keys to the Owner. Items indicated by an asterisk (\*) are furnished by others and installed by the Plumbing Contractor. All other items to be furnished and installed by the Plumbing Contractor. Installation includes rough-in, connection, continuous waste and p-traps (verify connections). All mounting heights are to the top of the rim unless otherwise noted.

MARK	FUNCTION	MNFR. & MODEL	MTG. HT.	WASTE	VENT	HW	OW	SCW	TW	GAS	REMARKS
WC-1	WALL HUNG FLUSH VALVE WATER CLOSET	KOHLER "KINGSTON" K-4325 BEMIS #3155SSCT SEAT	15"	4"	2"	-	1"	-	-	-	1, 2
WC-2	WALL HUNG FLUSH VALVE, HC WATER CLOSET	KOHLER "KINGSTON" K-4325 BEMIS #3155SSCT SEAT	17"	4"	2"	-	1"	-	-	-	1, 2, 3
UR-1	WALL HUNG URINAL	KOHLER "BARDON" K-4991-ET	17"	2"	1-1/2"	-	3/4"	-	-	-	4, 5
L-1	WALL HUNG HANDICAPPED LAVATORY	KOHLER "GREENWICH" K-2032 DELTA 22C151 FAUCET	34"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	-	6, 7, 8, 9, 10
WF-1	THREE STATION WASH FOUNTAIN	BRADLEY TERREON TRI-FOUNT #MF-2933-JUV-IR-NSD-TMA	30"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	-	11
WF-2	FOUR STATION WASH FOUNTAIN	BRADLEY TERREON TRI-FOUNT #MF-2944-JUV-IR-NSD-TMA	30"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	-	11
EWC-1	BI-LEVEL ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION	ELKAY #E2SL8WSK, #LKAPREZL APRON	32" TO RIM OF LOWER UNIT	1-1/2"	1-1/2"	-	1/2"	-	-	-	-
FS-1	STAINLESS STEEL FLOOR SINK	ZURN #Z-1750-3 3/4 GRATE	-	3"	1-1/2"	-	-	-	-	-	-
F.CO.	FLOOR CLEAN-OUT	ZURN #ZN-1400	-	VARIABLES	-	-	-	-	-	-	-
W.CO.	WALL CLEAN-OUT WITH ROUND ACCESS COVER	ZURN #Z-1440 WITH #Z-1469 ACCESS COVER	-	-	-	-	-	-	-	-	-
SH-1	SURFACE MOUNTED SHOWER	BRADLEY #BWS-1WCA-60"-SVL- S20-LBJ-ST-SD-SHV-SS	60"	-	-	-	-	-	1/2"	-	-
SH-2	SURFACE MTD. HANDICAPPED SHR. (FIXED HEAD, FLEX HOSE)	BRADLEY #N250-60"-SVL- S20-LBJ-ST-SB-SHV-NS-SC DCR-DGB-LBJ-SHV-ST	60"	-	-	-	-	-	1/2"	-	12, 13
MS-1	MOP SINK	MUSTEE #MSM 63 600A FAUCET 66 700 HOSE AND BRACKET (2) 63 401 GUARDS	-	3"	1-1/2"	1/2"	1/2"	-	-	-	-
SA	SHOCK ABSORBER	ZURN #Z-1700	-	-	-	-	VARIABLES	-	-	-	14

- PROVIDE WITH ZURN #Z-1203, #Z1204 OR #Z-1209 NARROW CHASE CARRIER.
- PROVIDE WITH ZURN #ZER6000AV-CPM-WS1, OR SLOAN ROYAL #111-SFSM, 1.6 GALLON BATTERY SENSOR FLUSH VALVE.
- TANK TRIP LEVER, FLUSH VALVE HANDLE OR SENSOR SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS ON ALL HANDICAPPED WATER CLOSETS.
- PROVIDE WITH ZURN #Z-1221 CARRIER.
- PROVIDE WITH ZURN #ZER6003AV-CPM-WS1, OR SLOAN ROYAL #186-1.0-SFSM, 1 GALLON BATTERY SENSOR FLUSH VALVE.
- PROVIDE WITH ZURN #Z-1231 WALL CARRIER.
- P-TRAP DRAIN AND EXPOSED SUPPLY PIPES SHALL BE INSULATED WITH TRUEBRO, HANDI LAV-GUARD2 MODEL 102E-Z INSULATION KIT, WHITE COLOR.
- DRAIN ROUGH-IN TO BE AT 24" ABOVE FINISHED FLOOR.
- PROVIDE METAL GRID STRAINER.
- SET HIGH TEMPERATURE LIMIT STOP TO 105°.
- PROVIDE ADDITIONAL BACK-CHECK ASSEMBLIES FOR MIXING VALVE INLETS ON COLD AND HOT WATER. SEE SPECIFICATIONS.
- PROVIDE LESS SHOWER SEAT AND GRAB BARS.
- PROVIDE WITH QUICK DISCONNECT.
- TYPE LISTED ON DRAWING REFERS TO INDUSTRY-WIDE STANDARD P.D.I.-WH201. REFER TO MANUFACTURER'S LITERATURE FOR CORRESPONDING MODEL NUMBER.

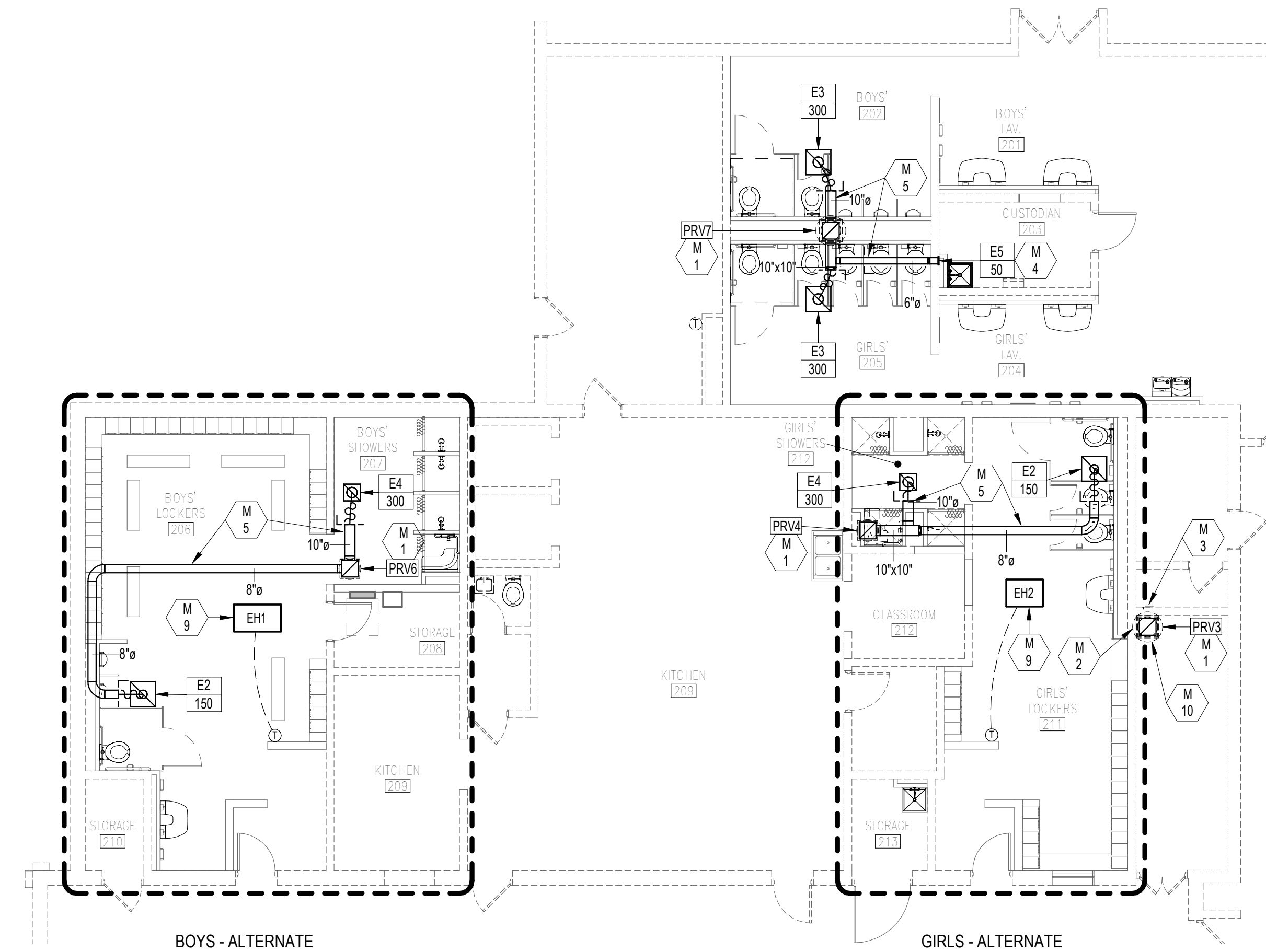
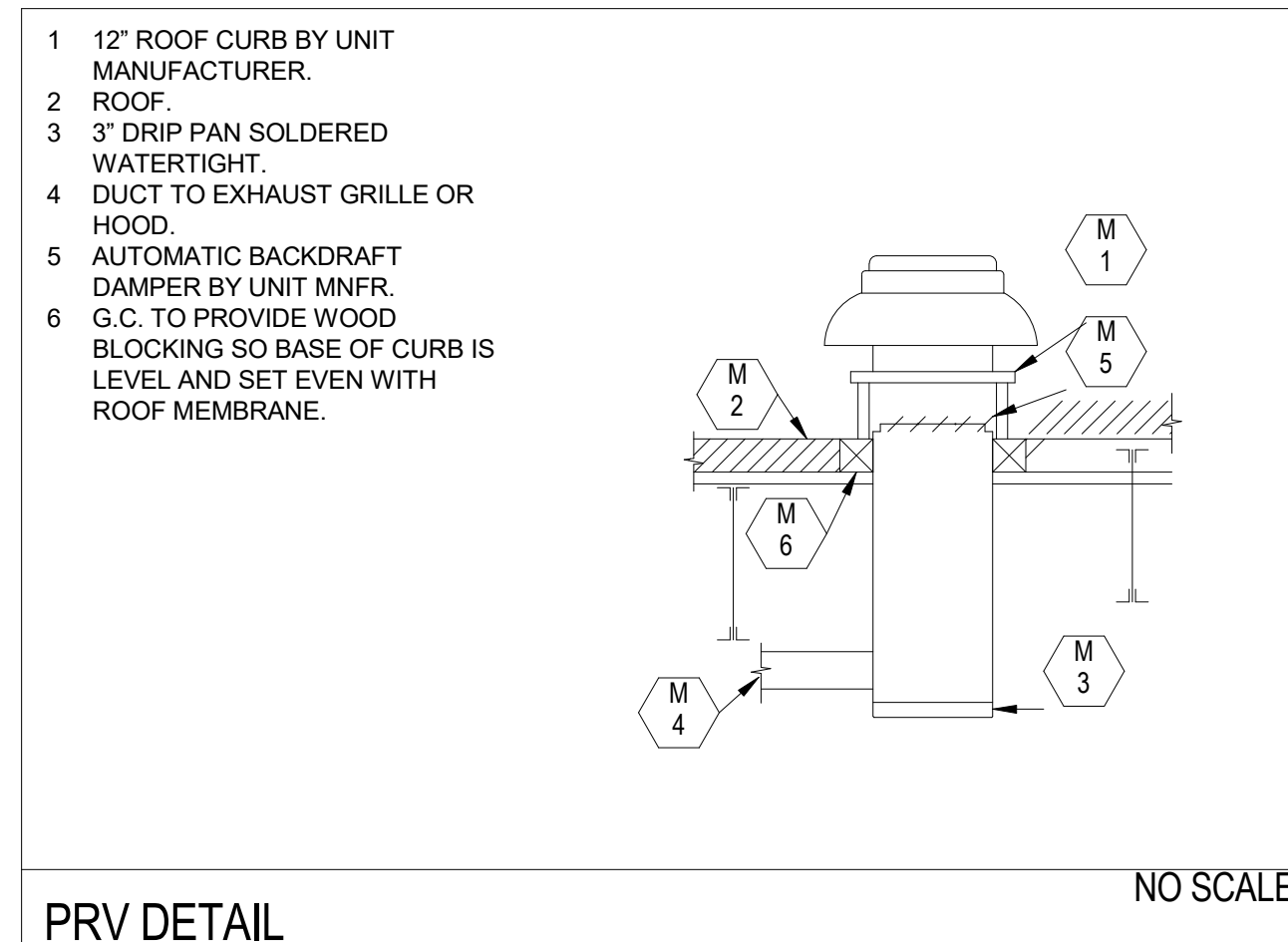
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GRILLE, REGISTER, AND DIFFUSER SCHEDULE															
SYMBOL	MNFR	MODEL	BORDER TYPE	NECK SIZE	OVERALL SIZE	CFM	THROW DIRECTION/ BLADE ANGLE	50 FPM THROW (ft.)	MAX. NC	MAX TOT (*w.c.)	NECK DAMPER*	MAX NECK (ftm)	FINISH	MATERIAL	REMARKS
E1	PRICE	PDDR	LAY-IN CLG	6"	24"x24"	50-100	--	--	20	0.04	NO	500	WHITE	STEEL	
E2	PRICE	PDDR	LAY-IN CLG	8"	24"x24"	105-175	--	--	20	0.04	NO	500	WHITE	STEEL	
E3	PRICE	PDDR	LAY-IN CLG	10"	24"x24"	180-300	--	--	20	0.05	NO	550	WHITE	STEEL	
E4	PRICE	APDDR	GYP BRD CLG	10"	16"x16"	180-300	--	--	20	0.05	NO	550	WHITE	ALUMINUM	
E5	PRICE	530	SURFACE	6"x6"	8"x8"	40-70	45	--	20	0.05	NO	400	WHITE	STEEL	

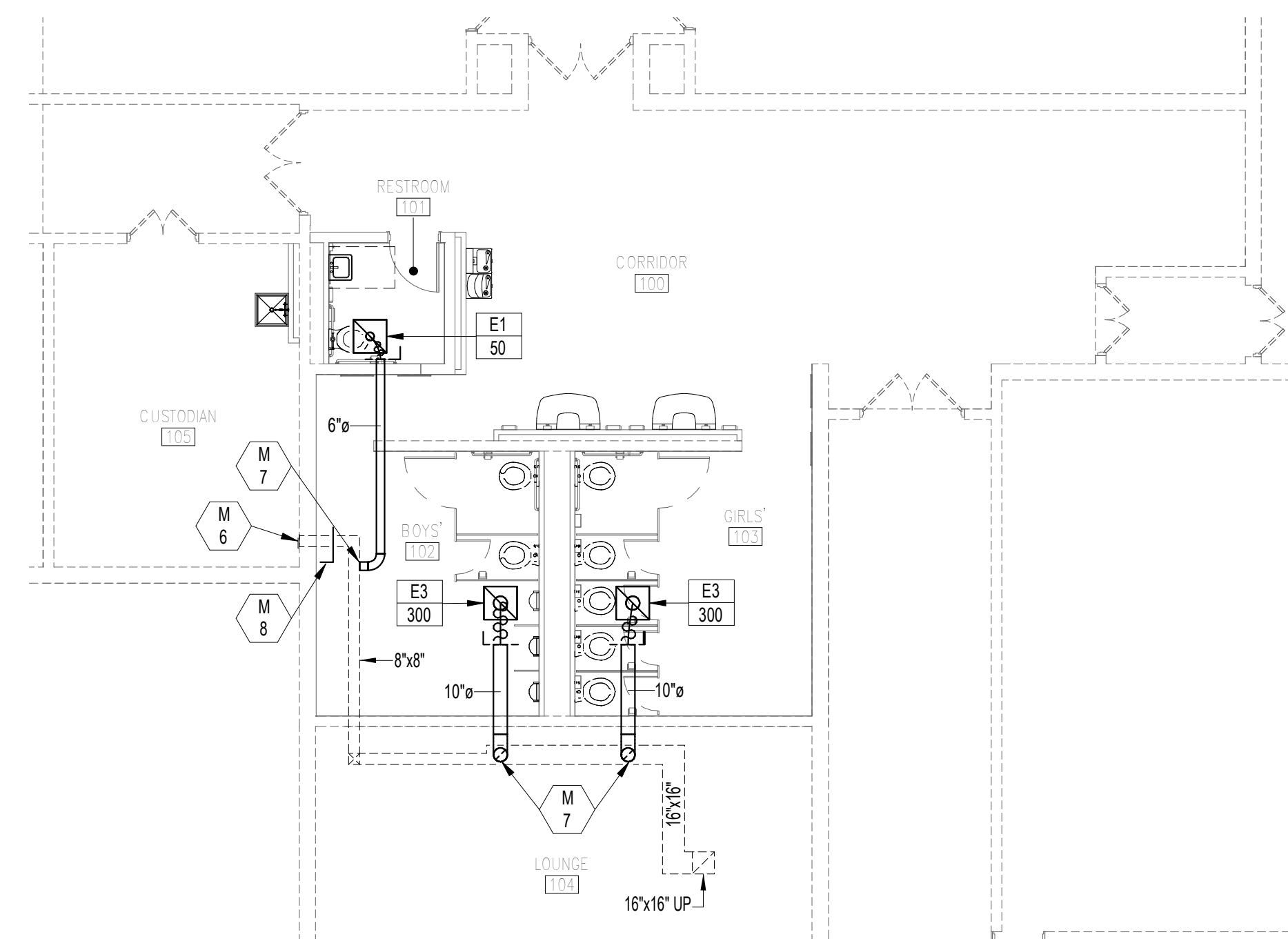
POWER ROOF VENTILATOR SCHEDULE									
SYMBOL	MNFR	MODEL	CFM	ESP (*w.c.)	MOTOR		SONE*	SERVES	REMARKS
					VOLTS	HP			
PRV3	LOREN COOK	120C17DEC	850	0.25	120	1/2	7.4	RM 101-105	1,2
PRV4	LOREN COOK	90C17DEC	450	0.25	120	1/4	6	RM 211-212	1,2,3
PRV6	LOREN COOK	90C17DEC	450	0.25	120	1/4	6	RM 211-212	1,2,3
PRV7	LOREN COOK	101C17DEC	650	0.25	120	1/4	8	RM 202-205	1,2

\* MAXIMUM INLET SONES PER AMCA STANDARD 301 AT 5 FT.

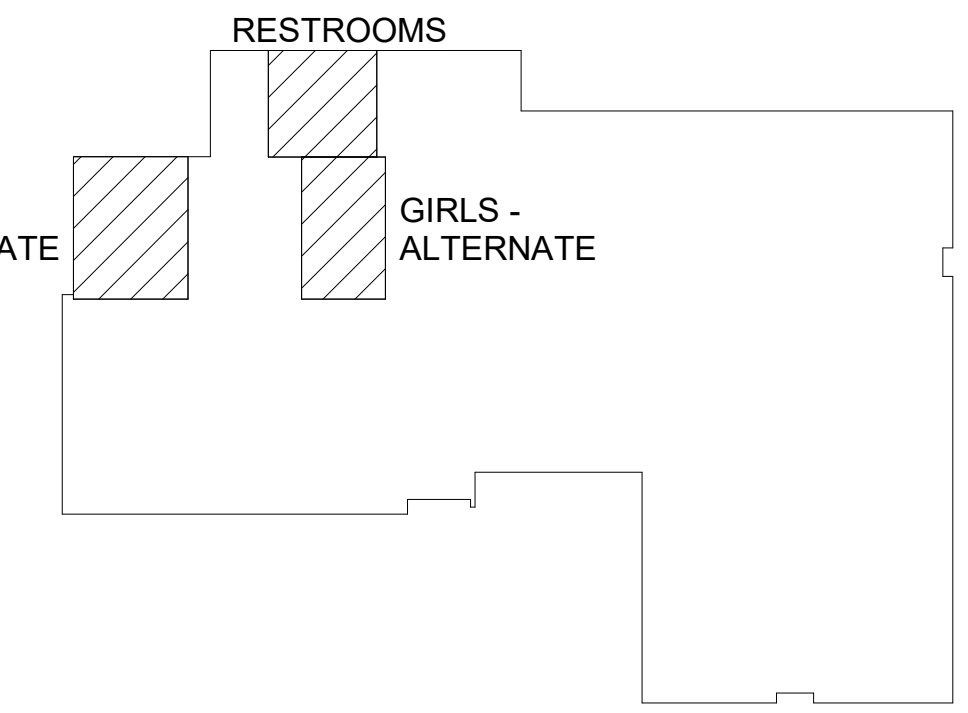
- FURNISH WITH 16" HIGH ROOF CURB, AUTOMATIC BACKDRAFT DAMPER AND DISCONNECT.
- PROVIDE WITH EC MOTOR WITH UNIT MOUNTED SPEED CONTROL.
- PROVIDE UNDER LOCKER ROOM ALTERNATE.



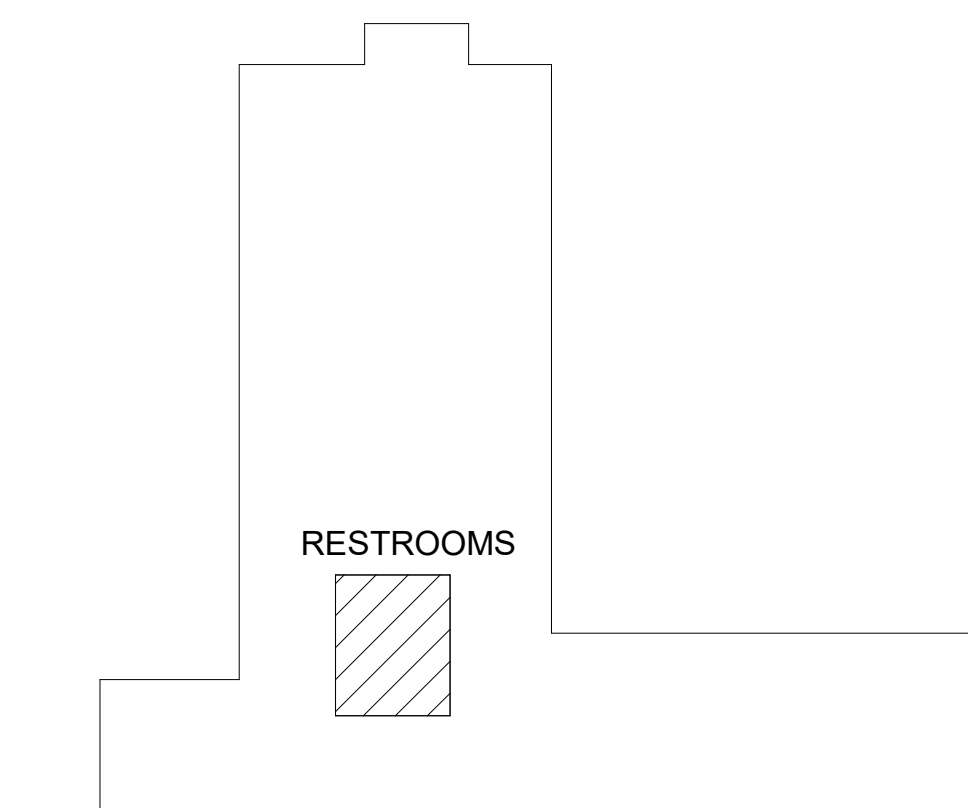
FLOOR 02 - HVAC  
SCALE: 1/8" = 1'-0"



FLOOR 01 - HVAC  
SCALE: 1/8" = 1'-0"



FLOOR 2 KEYPLAN  
NO SCALE



FLOOR 1 KEYPLAN  
NO SCALE

KEYNOTES

- INSTALL NEW PRV AND CURB IN EXISTING OPENING. VERIFY EXACT LOCATION AND MODIFY AS NEEDED FOR NEW UNIT. ROOFING CONTRACTOR TO REPAIR ROOF AND PROVIDE FLASHING AT NEW CURB.
- CONNECT EXISTING DUCT RISE TO NEW PRV.
- BALANCE EXISTING GRILLE TO 50 CFM.
- INSTALL EXHAUST GRILLE IN EXISTING WALL JUST BELOW CEILING.
- DUCT SHALL RUN BETWEEN OR THROUGH JOISTS. VERIFY EXACT LOCATION.
- BALANCE EXISTING GRILLE TO 150 CFM EXHAUST.
- CONNECT TO EXISTING DUCT. VERIFY EXACT LOCATION.
- INSTALL NEW BALANCING DAMPER IN EXISTING DUCT.
- ELECTRIC HEATER BY E.C. TEMPERATURE CONTROL BY TEMPERATURE CONTROL CONTRACTOR.
- PROVIDE PRV3 AND ASSOCIATED WORK UNDER BASE BID.

GENERAL NOTES

- G&R CONTROLS SHALL BE HIRED BY THE MECHANICAL CONTRACTOR TO EXTEND THE EXISTING CONTROL SYSTEM TO SERVE THE NEW POWER ROOF VENTILATORS AND ELECTRIC HEATERS. PROVIDE NEW CONTROLLERS IF NEEDED OR CONNECT TO EXISTING CONTROLLERS IF THEY HAVE ADEQUATE CAPACITY. CONTACT DONALD SCHNELL WITH G&R CONTROLS AT 605-336-3788. SEQUENCE OF OPERATION SHALL BE AS FOLLOWS. POWER ROOF VENTILATORS (PRV3, PRV3, PRV6 & PRV7) THE PRV'S SHALL BE SCHEDULED TO OPERATE DURING OCCUPIED PERIODS AND SHALL BE SCHEDULED OFF DURING UNOCCUPIED PERIODS. PROVIDE A SEPARATE SCHEDULE FOR EACH PRV. ELECTRIC HEATERS (EH1 & EH2) PROVIDE A FLAT PLATE SENSOR IN THE LOCKER ROOM AND INTERFACE WITH THE 24 VOLT CONTROL IN THE ELECTRIC HEATER. CYCLE THE HEATER ON AS REQUIRED TO MAINTAIN THE SPACE SETPOINT. PROVIDE AN OCCUPIED/UNOCCUPIED SCHEDULE FOR SETPOINT CONTROL. OCCUPIED SETPOINT SHALL BE 72° AND UNOCCUPIED SETPOINT SHALL BE 55°. ALL SETPOINTS AND SCHEDULES SHALL BE ADJUSTABLE FROM THE EXISTING GRAPHICAL USER INTERFACES.

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**PRELIMINARY PLAN**  
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385 1<sup>st</sup> Street, NE  
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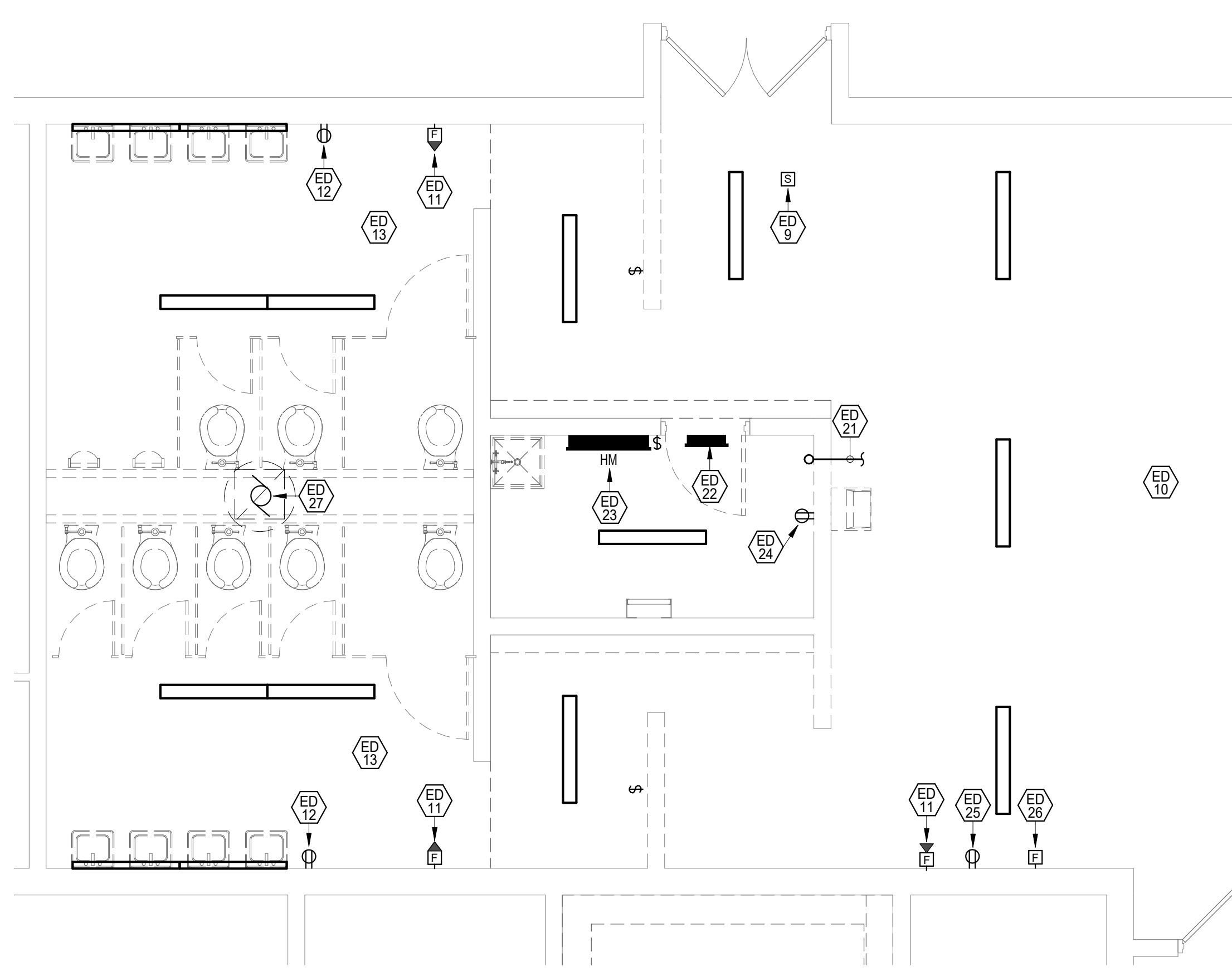
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PROJECT: SC19156

FLOOR PLANS, DETAILS & SCHEDULES -  
HVAC

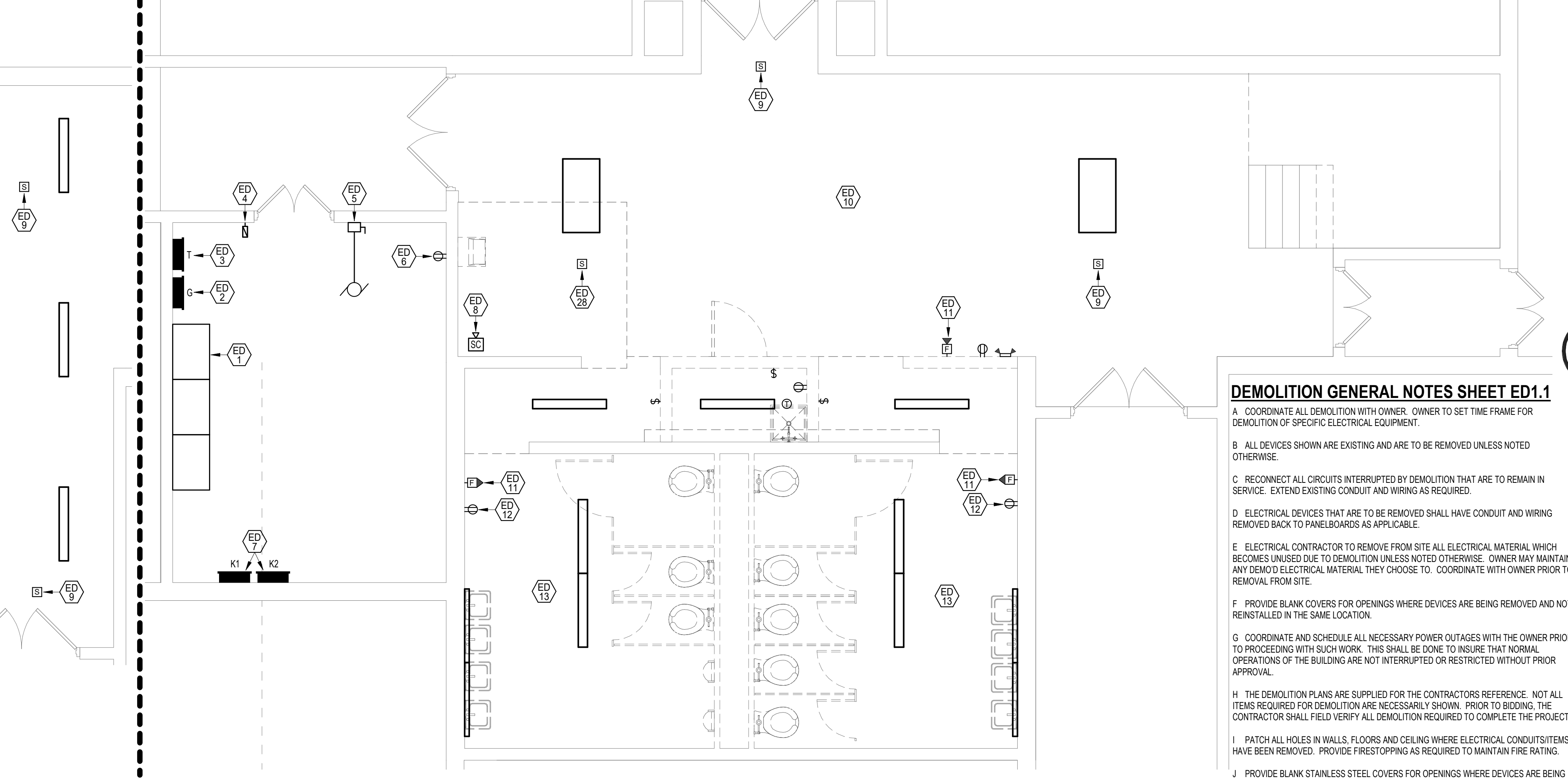
CENTRAL LYON COM. SCHOOL DISTRICT  
ELEM. SCHOOL RR/LR REMODEL PHASE 2  
ROCK RAPIDS, IOWA

SHEET  
**M3.1**





FLOOR 02 - RESTROOMS - ELECTRICAL DEMOLITION  
SCALE: 1/4" = 1'-0"



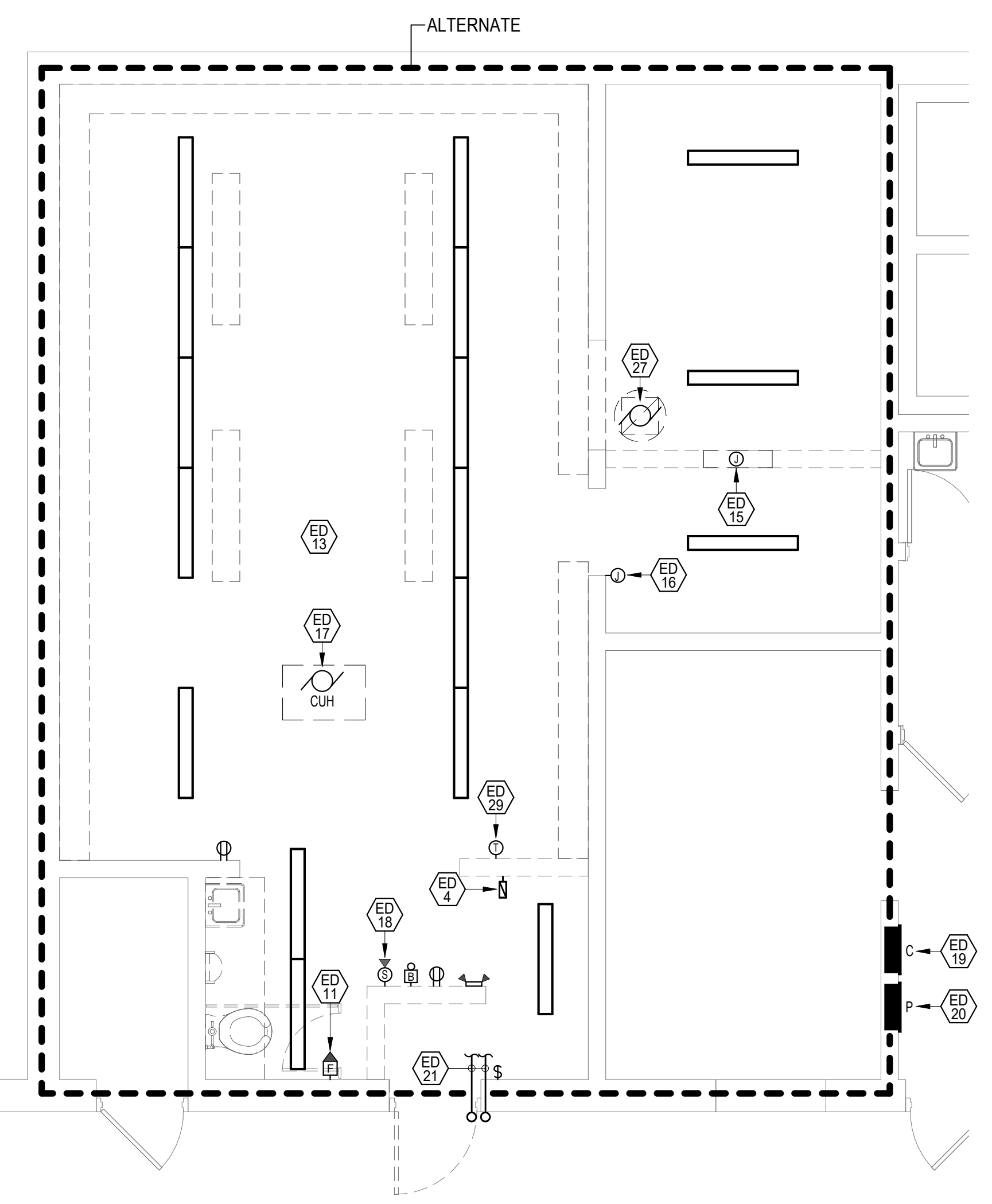
FLOOR 01 - RESTROOMS - ELECTRICAL DEMOLITION  
SCALE: 1/4" = 1'-0"

**DEMOLITION GENERAL NOTES SHEET ED1.1**

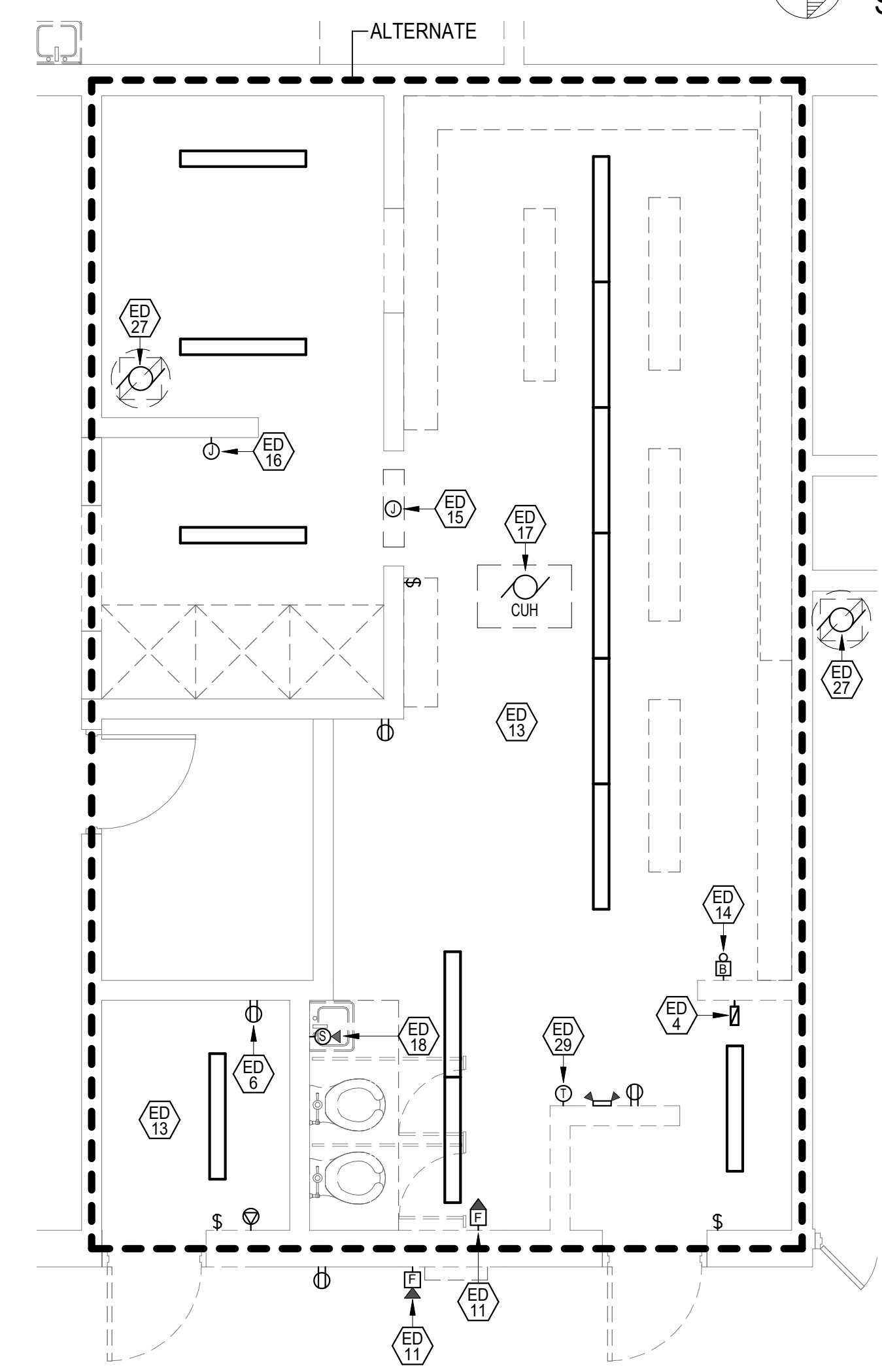
- A COORDINATE ALL DEMOLITION WITH OWNER. OWNER TO SET TIME FRAME FOR DEMOLITION OF SPECIFIC ELECTRICAL EQUIPMENT.
- B ALL DEVICES SHOWN ARE EXISTING AND ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
- C RECONNECT ALL CIRCUITS INTERRUPTED BY DEMOLITION THAT ARE TO REMAIN IN SERVICE. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.
- D ELECTRICAL DEVICES THAT ARE TO BE REMOVED SHALL HAVE CONDUIT AND WIRING REMOVED BACK TO PANELBOARDS AS APPLICABLE.
- E ELECTRICAL CONTRACTOR TO REMOVE FROM SITE ALL ELECTRICAL MATERIAL WHICH BECOMES UNUSED DUE TO DEMOLITION UNLESS NOTED OTHERWISE. OWNER MAY MAINTAIN ANY DEMO'D ELECTRICAL MATERIAL THEY CHOOSE TO. COORDINATE WITH OWNER PRIOR TO REMOVAL FROM SITE.
- F PROVIDE BLANK COVERS FOR OPENINGS WHERE DEVICES ARE BEING REMOVED AND NOT REINSTALLED IN THE SAME LOCATION.
- G COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNER PRIOR TO PROCEEDING WITH SUCH WORK. THIS SHALL BE DONE TO INSURE THAT NORMAL OPERATIONS OF THE BUILDING ARE NOT INTERRUPTED OR RESTRICTED WITHOUT PRIOR APPROVAL.
- H THE DEMOLITION PLANS ARE SUPPLIED FOR THE CONTRACTORS REFERENCE. NOT ALL ITEMS REQUIRED FOR DEMOLITION ARE NECESSARILY SHOWN. PRIOR TO BIDDING, THE CONTRACTOR SHALL FIELD VERIFY ALL DEMOLITION REQUIRED TO COMPLETE THE PROJECT.
- I PATCH ALL HOLES IN WALLS, FLOORS AND CEILING WHERE ELECTRICAL CONDUITS/ITEMS HAVE BEEN REMOVED. PROVIDE FIRESTOPPING AS REQUIRED TO MAINTAIN FIRE RATING.
- J PROVIDE BLANK STAINLESS STEEL COVERS FOR OPENINGS WHERE DEVICES ARE BEING REMOVED AND NOT REINSTALLED IN THE SAME LOCATION. WHERE STANDARD STAINLESS STEEL COVERS DO NOT COVER THE OPENING, PROVIDE APPROPRIATELY SIZED STEEL COVERS PAINTED TO MATCH THE SURROUNDING SURFACES.

**DEMOLITION KEYNOTES SHEET ED1.1**

- 1 EXISTING 1200A 277/480V SWITCH BOARD, TO REMAIN. SHOWN FOR CONTRACTORS REFERENCE ONLY.
- 2 EXISTING 277/480V BRANCH CIRCUIT PANEL, TO REMAIN. SHOWN FOR THE CONTRACTORS REFERENCE. PANEL HAS (3) AVAILABLE SPACES AND SEVERAL UNUSED CIRCUIT BREAKERS.
- 3 EXISTING 100A 120/208V 3 PHASE BRANCH CIRCUIT PANEL TO REMAIN. PANEL HAS SEVERAL UNUSED CIRCUIT BREAKERS. SEE THE NEW ELECTRICAL DRAWINGS FOR ADDITIONAL WORK REQUIRED AT THE EXISTING PANEL.
- 4 REMOVE EXISTING EXHAUST CONTROLS. MAINTAIN THE EXISTING CIRCUIT TO THE EXHAUST FAN EQUIPMENT AS THE EXISTING FANS WILL BE REPLACED WITH NEW FANS AS SHOWN ON THE NEW MECHANICAL AND ELECTRICAL DRAWINGS. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED TO MAINTAIN THE EXISTING CIRCUIT.
- 5 REMOVE ALL ELECTRICAL CONNECTIONS TO THE EXISTING EQUIPMENT. EQUIPMENT SHALL BE REMOVED FROM THE ROOM BY OTHERS.
- 6 REMOVE EXISTING 120V RECEPTACLE DUE TO THE INSTALLATION OF THE NEW PLUMBING FIXTURES IN THIS LOCATION. MAINTAIN THE 120V CIRCUIT AND RE-ROUTE TO THE NEW RECEPTACLE SHOWN ON THE NEW ELECTRICAL DRAWINGS IN THIS AREA.
- 7 EXISTING 277/480V BRANCH CIRCUIT PANELS SERVING THE KITCHEN LOADS, TO REMAIN. SHOWN FOR THE CONTRACTORS REFERENCE ONLY.
- 8 OWNER SHALL REMOVE THE EXISTING SECURITY CAMERA. ELECTRICAL CONTRACTOR SHALL TIE UP AND PROTECT THE EXISTING WIRING FOR THE OWNERS USE. ROUTE EXISTING WIRING OUTSIDE OF THE RENOVATION AREA.
- 9 EXISTING FIRE ALARM SMOKE DETECTOR, TO REMAIN. ELECTRICAL CONTRACTOR SHALL PROTECT THE DETECTOR AND SHALL CLEAN THE DETECTOR ONCE THE RENOVATION WORK IS COMPLETE.
- 10 IN THE EXISTING CORRIDOR / CIRCULATION SPACE, REMOVE THE EXISTING LIGHTING SHOWN AND MAINTAIN THE EXISTING CORRIDOR LIGHTING CIRCUIT AND CONTROLS. SEE THE NEW ELECTRICAL DRAWINGS FOR NEW LIGHTING IN THE EXISTING CORRIDOR CEILING.
- 11 REMOVE AND SAVE THE EXISTING FIRE ALARM DEVICE. SEE THE NEW ELECTRICAL DRAWINGS FOR NEW LOCATIONS FOR SOME OF THE EXISTING FIRE ALARM DEVICES. ANY DEVICES WHICH ARE NOT REUSED SHALL BE TURNED OVER TO THE SCHOOL DISTRICT.



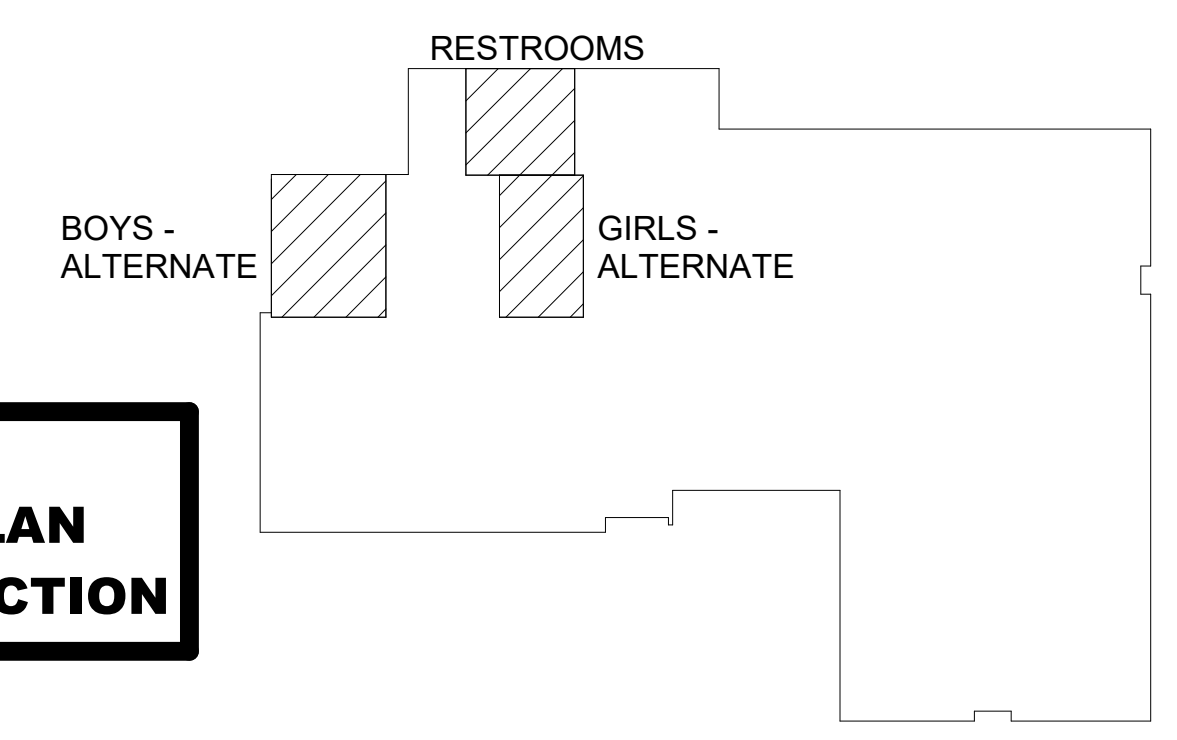
FLOOR 02 - BOYS' LOCKER ROOM - ELEC. DEMO.  
SCALE: 1/4" = 1'-0"



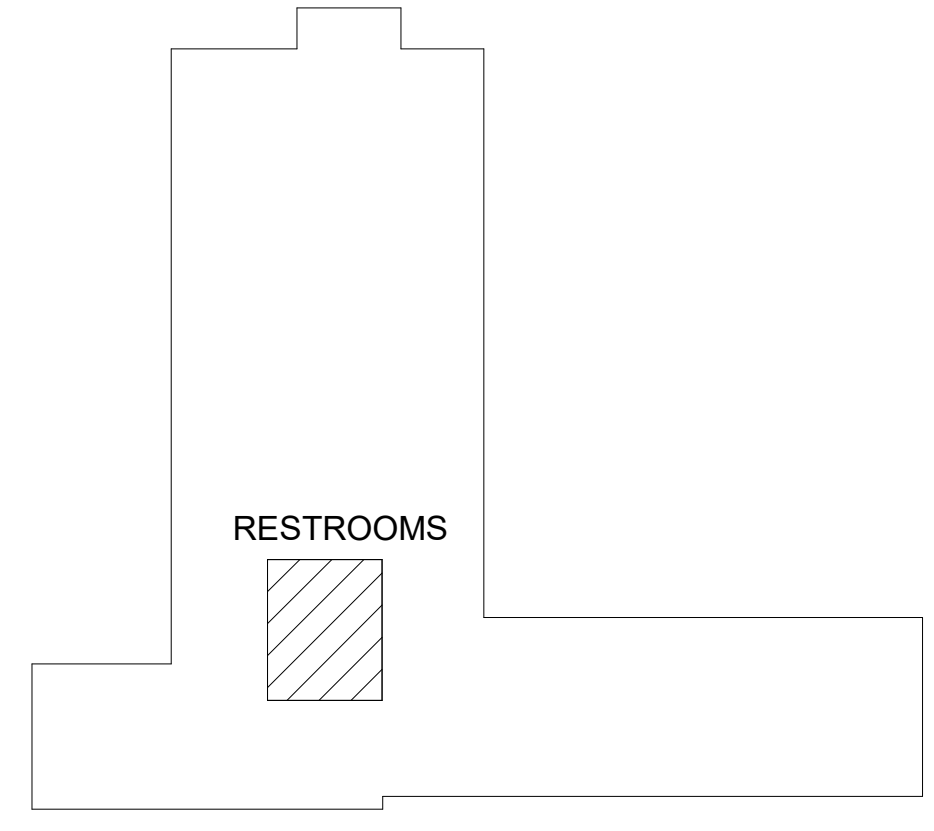
FLOOR 02 - GIRLS' LOCKER ROOM - ELEC. DEMO.  
SCALE: 1/4" = 1'-0"

- 22 EXISTING FIRE ALARM NAC PANEL, TO REMAIN. NOTE THAT PANEL IS FED FROM THE EXISTING 120V RECEPTACLE IN THE ROOM NOTED BY KEYED NOTE #24. MODIFY THE EXISTING 120V POWER WIRING TO THE PANEL AS NEEDED TO KEEP THE PANEL IN SERVICE.
- 23 EXISTING 600A 277/480V DISTRIBUTION PANEL, TO REMAIN. SHOWN FOR THE CONTRACTORS REFERENCE ONLY.
- 24 AT THE EXISTING 120V RECEPTACLE, REMOVE THE DEVICE DUE TO THE NEW DOOR. MAINTAIN THE EXISTING 120V CIRCUIT FOR THE NEW RECEPTACLE SHOWN ON THE NEW ELECTRICAL DRAWINGS. ALSO NOTE THAT THE 120V CIRCUIT POWERS THE FIRE ALARM NAC PANEL IN THE ROOM. SEE KEYED NOTE #22 FOR ADDITIONAL WORK TO MAINTAIN POWER TO THE FIRE ALARM EQUIPMENT.
- 25 AT THE EXISTING 120V RECEPTACLE, THE CIRCUIT SHALL BE MAINTAINED AND MODIFIED AS NEEDED TO PROVIDE POWER TO THE NEW WASH FOUNTAINS LOCATED ON THIS WALL. SEE THE NEW ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 REMOVE THE EXISTING FIRE ALARM PULL STATION AND SAVE FOR REUSE. SEE THE NEW ELECTRICAL DRAWINGS FOR THE NEW LOCATION OF THE PULL STATION.
- 27 AT THE EXISTING RESTROOM ROOF EXHAUST FAN, THE FAN WILL BE REMOVED BY THE MECHANICAL CONTRACTOR. A NEW FAN WILL BE PROVIDED BY THE MECHANICAL CONTRACTOR IN THIS AREA AS SHOWN ON THE NEW FLOOR PLANS. ELECTRICAL CONTRACTOR SHALL DISCONNECT THE EXISTING FAN AND MAINTAIN THE EXISTING CIRCUIT FOR POWERING THE NEW FAN. IT IS ANTICIPATED THAT SOME EXISTING CONDUIT AND WIRING WILL BE REMOVED AND WILL NEED TO BE REPLACED TO SERVE THE NEW ROOF EXHAUST FAN. REMOVE EXISTING CONDUIT AND WIRING AS NEEDED AND PROVIDE NEW AS NOTED ON THE NEW FLOOR PLANS.
- 28 REMOVE AND RELOCATE THE EXISTING SMOKE DETECTOR AS SHOWN ON THE NEW ELECTRICAL DRAWINGS. MODIFY THE EXISTING CONDUIT AND WIRING AS NEEDED TO RELOCATE THE EXISTING DEVICE.
- 29 REMOVE THE EXISTING THERMOSTAT ASSOCIATED WITH THE LOCKER ROOM CABINET UNIT HEATER. REMOVE ALL ASSOCIATED CONDUIT AND WIRING.

- 12 AT THE EXISTING 120V RECEPTACLE, MAINTAIN THE RECEPTACLE LOCATION. REMOVE THE EXISTING DEVICE AND COVER PLATE AND PROVIDE NEW AS SHOWN ON THE NEW ELECTRICAL DRAWINGS.
- 13 FOR THE ELECTRICAL DEMOLITION IN THE ROOM, REMOVE THE EXISTING LIGHTING AND MAINTAIN THE EXISTING LIGHTING CIRCUIT FOR REUSE. ALSO MAINTAIN THE EXISTING 120V RECEPTACLE CIRCUIT FOR REUSE AS SHOWN ON THE NEW ELECTRICAL PLANS. NOTE THAT FOR EXISTING CONDUIT IS INSTALLED ABOVE NON-ACCESSIBLE CEILINGS IN THE ROOM, IT IS ANTICIPATED THAT THE CONDUIT WILL REQUIRE MODIFICATIONS TO PROPERLY SUPPORT THE CONDUIT TO STRUCTURE. IF EXISTING CONDUIT IS NOT INSTALLED IN A MANNER ALLOWING THE RENOVATION WORK TO PROCEED, REMOVE THE EXISTING CONDUIT AND REPLACE WITH NEW IN THE RENOVATED SPACES.
- 14 REMOVE THE EXISTING BELL AND ALL ASSOCIATED WIRING. TURN OVER BELL TO THE SCHOOL DISTRICT FOR THEIR USE.
- 15 REMOVE EXISTING 277V CONNECTION TO THE EXISTING ELECTRIC HEATER. REMOVE CONNECTION BACK TO THE PANEL SERVING THE HEATER.
- 16 REMOVE ELECTRIC HEATER CONTROLS AND ALL ASSOCIATED WIRING.
- 17 ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING CABINET UNIT HEATER WHILE MAINTAINING THE EXISTING POWER CIRCUIT. UNITS IN THE LOCKER ROOMS ARE FED FROM 203 CIRCUIT BREAKERS IN THE 480V PANEL "C" NOTED BY KEYED NOTE #19. SEE THE NEW ELECTRICAL PLANS FOR THE NEW CABINET UNIT HEATER AND FOR NEW WORK REQUIRED.
- 18 REMOVE THE EXISTING PAGING SPEAKER AND MAINTAIN THE EXISTING WIRING FOR CONNECTION TO THE NEW SPEAKERS IN THIS AREA. SEE THE NEW ELECTRICAL DRAWINGS FOR NEW SPEAKER LOCATIONS. NOTE THAT EXISTING WIRING WILL REQUIRE MODIFICATIONS TO BE EXTENDED TO THE NEW SPEAKER LOCATIONS.
- 19 EXISTING 200A 277/480V BRANCH CIRCUIT PANEL WITH (3) SPACES FOR ADDITIONAL LOADS, TO REMAIN. SEE THE NEW ELECTRICAL DRAWINGS FOR ADDITIONAL WORK AT THE EXISTING PANEL.
- 20 EXISTING 100A 120/208V BRANCH CIRCUIT PANEL, TO REMAIN. PANEL IS FULL WITH NO SPARE CAPACITY FOR ADDITIONAL LOADS.
- 21 EXISTING SURFACE MOUNTED CONDUITS, TO BE MAINTAINED. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES TO PROTECT AND MAINTAIN THE EXISTING CONDUIT. PAINT CONDUIT TO MATCH THE SURROUNDING SURFACES AT THE COMPLETION OF THE RENOVATION WORK.

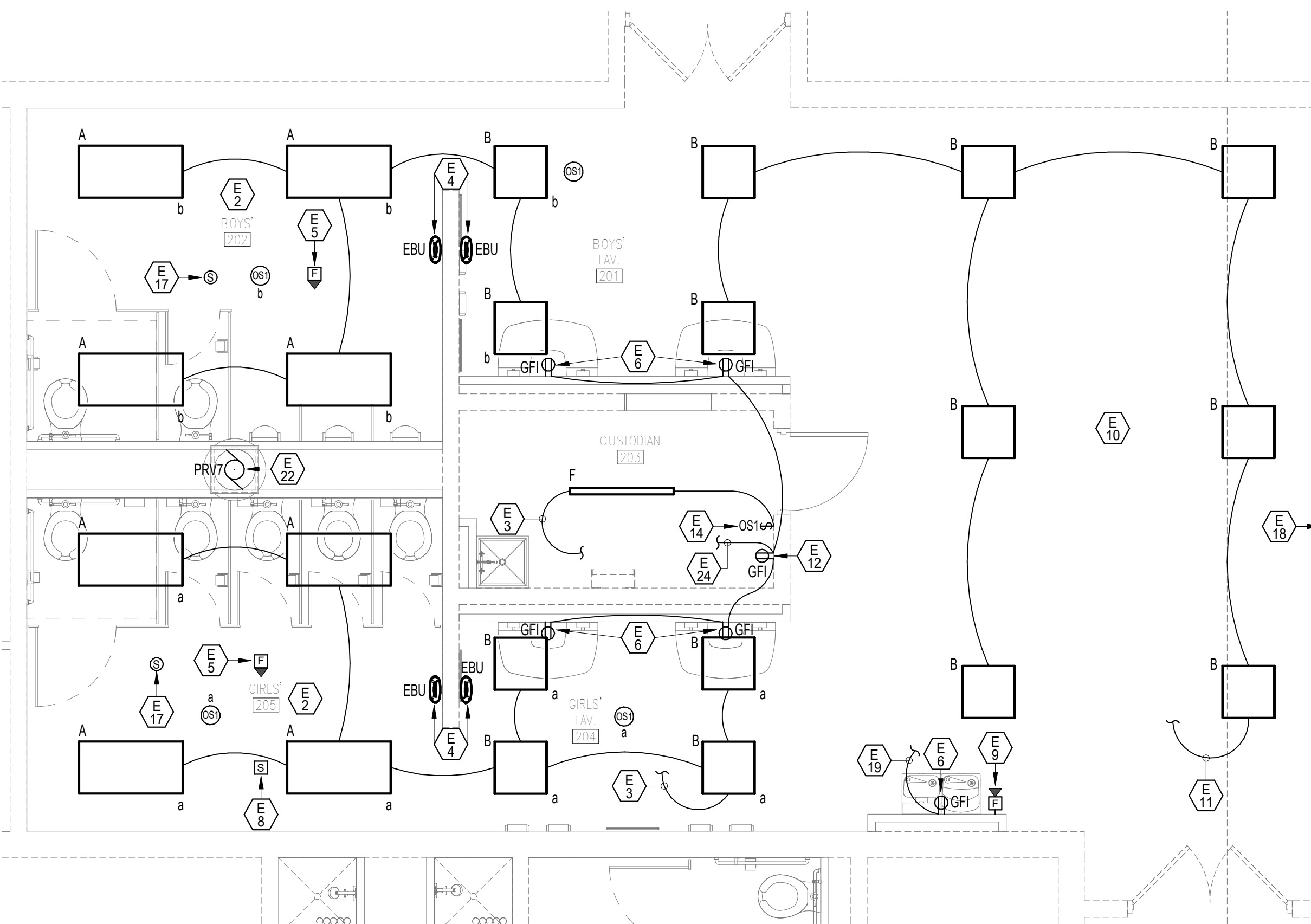


FLOOR 2 KEYPLAN  
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FLOOR 1 KEYPLAN  
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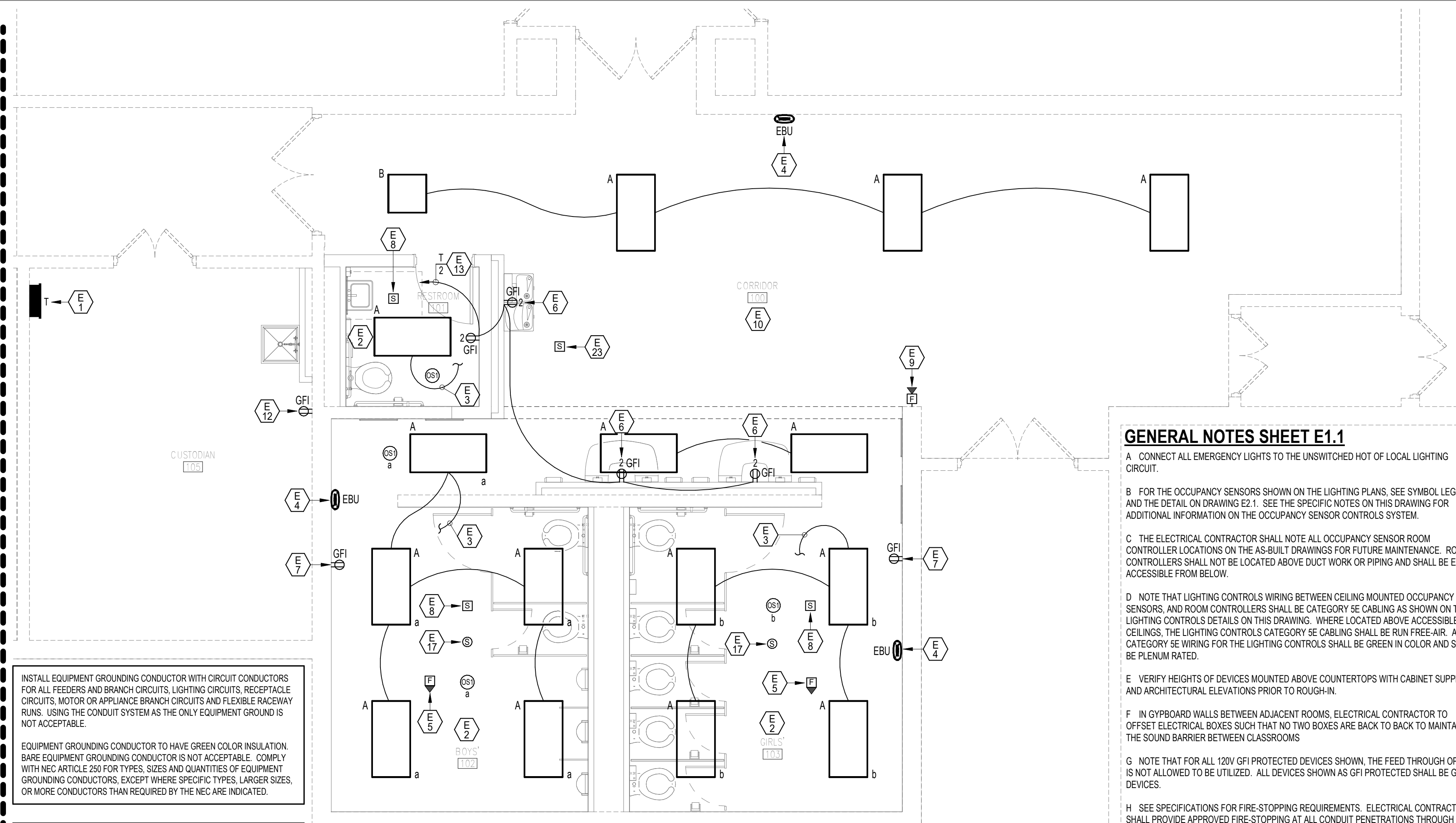
FLOOR 02 - RESTROOMS - ELECTRICAL  
SCALE: 1/4" = 1'-0"

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**PRELIMINARY PLAN  
NOT FOR CONSTRUCTION**

INSTALL EQUIPMENT GROUNDING CONDUCTOR WITH CIRCUIT CONDUCTORS FOR ALL FEEDERS AND BRANCH CIRCUITS, LIGHTING CIRCUITS, RECEPTACLE CIRCUITS, MOTOR OR APPLIANCE BRANCH CIRCUITS AND FLEXIBLE RACEWAY RUNS. USING THE CONDUIT SYSTEM AS THE ONLY EQUIPMENT GROUND IS NOT ACCEPTABLE.

EQUIPMENT GROUNDING CONDUCTOR TO HAVE GREEN COLOR INSULATION. BARE EQUIPMENT GROUNDING CONDUCTOR IS NOT ACCEPTABLE. COMPLY WITH NEC ARTICLE 250 FOR TYPES, SIZES AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, EXCEPT WHERE SPECIFIC TYPES, LARGER SIZES, OR MORE CONDUCTORS THAN REQUIRED BY THE NEC ARE INDICATED.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE #12 MINIMUM (UNLESS NOTED OTHERWISE) CONDUCTORS IN QUANTITIES AS REQUIRED TO ACCOMPLISH THE GENERAL POWER, LIGHTING AND SWITCHING CIRCUITING AS SHOWN ON THIS SHEET. FOLLOW THE NEC FOR DERATING AND CONDUIT FILL AS IT APPLIES TO MULTIPLE CIRCUITS. CONDUIT SIZE SHALL BE 1/2" SIZE MINIMUM.

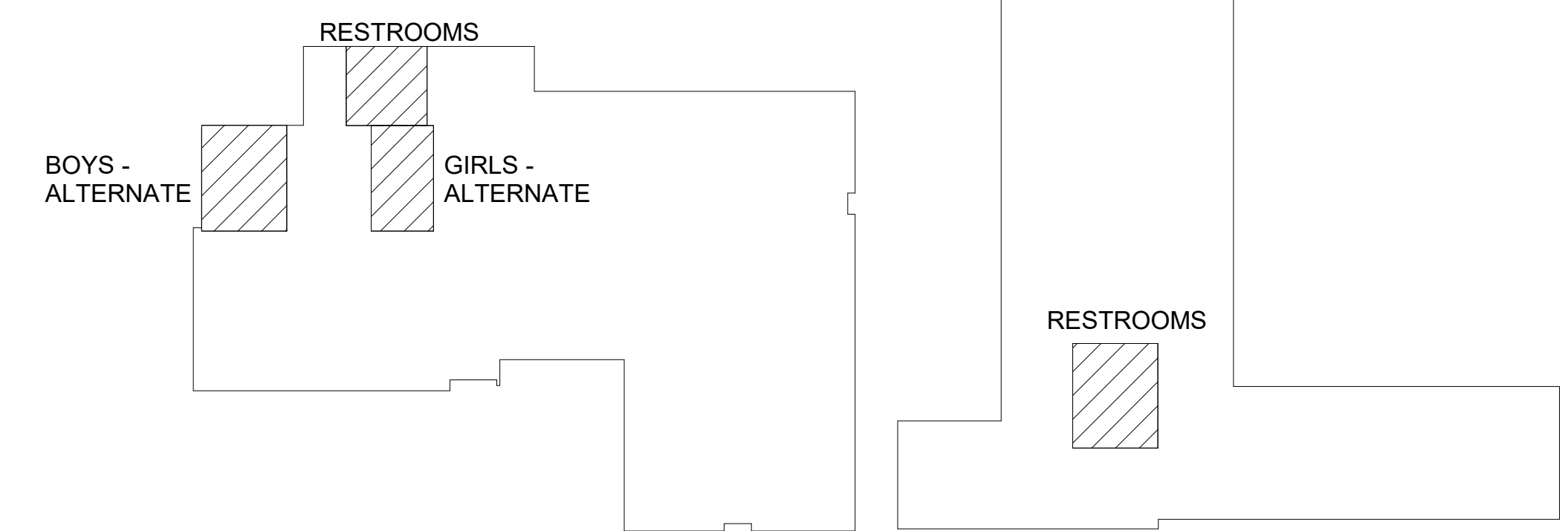


FLOOR 01 - RESTROOMS - ELECTRICAL  
SCALE: 1/4" = 1'-0"

- GENERAL NOTES SHEET E1.1**
- A CONNECT ALL EMERGENCY LIGHTS TO THE UNSWITCHED HOT OF LOCAL LIGHTING CIRCUIT.
  - B FOR THE OCCUPANCY SENSORS SHOWN ON THE LIGHTING PLANS, SEE SYMBOL LEGEND AND THE DETAIL ON DRAWING E2.1. SEE THE SPECIFIC NOTES ON THIS DRAWING FOR ADDITIONAL INFORMATION ON THE OCCUPANCY SENSOR CONTROLS SYSTEM.
  - C THE ELECTRICAL CONTRACTOR SHALL NOTE ALL OCCUPANCY SENSOR ROOM CONTROLLER LOCATIONS ON THE AS-BUILT DRAWINGS FOR FUTURE MAINTENANCE. ROOM CONTROLLERS SHALL NOT BE LOCATED ABOVE DUCT WORK OR PIPING AND SHALL BE EASILY ACCESSIBLE FROM BELOW.
  - D NOTE THAT LIGHTING CONTROLS WIRING BETWEEN CEILING MOUNTED OCCUPANCY SENSORS, AND ROOM CONTROLLERS SHALL BE CATEGORY 5E CABLING AS SHOWN ON THE LIGHTING CONTROLS DETAILS ON THIS DRAWING. WHERE LOCATED ABOVE ACCESSIBLE CEILING, THE LIGHTING CONTROLS CATEGORY 5E CABLING SHALL BE RUN FREE-AIR. ALL CATEGORY 5E WIRING FOR THE LIGHTING CONTROLS SHALL BE GREEN IN COLOR AND SHALL BE PLENUM RATED.
  - E VERIFY HEIGHTS OF DEVICES MOUNTED ABOVE COUNTERTOPS WITH CABINET SUPPLIER AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
  - F IN GYPBOARD WALLS BETWEEN ADJACENT ROOMS, ELECTRICAL CONTRACTOR TO OFFSET ELECTRICAL BOXES SUCH THAT NO TWO BOXES ARE BACK TO BACK TO MAINTAIN THE SOUND BARRIER BETWEEN CLASSROOMS.
  - G NOTE THAT FOR ALL 120V GFI PROTECTED DEVICES SHOWN, THE FEED THROUGH OPTION IS NOT ALLOWED TO BE UTILIZED. ALL DEVICES SHOWN AS GFI PROTECTED SHALL BE GFI DEVICES.
  - H SEE SPECIFICATIONS FOR FIRE-STOPPING REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE APPROVED FIRE-STOPPING AT ALL CONDUIT PENETRATIONS THROUGH RATED WALLS.
  - I FOR THE FIRE ALARM SYSTEM, EXTEND THE EXISTING FIRE ALARM SYSTEM TO THE NEW DEVICES AS SHOWN. MATCH EXISTING FIRE ALARM WIRING.

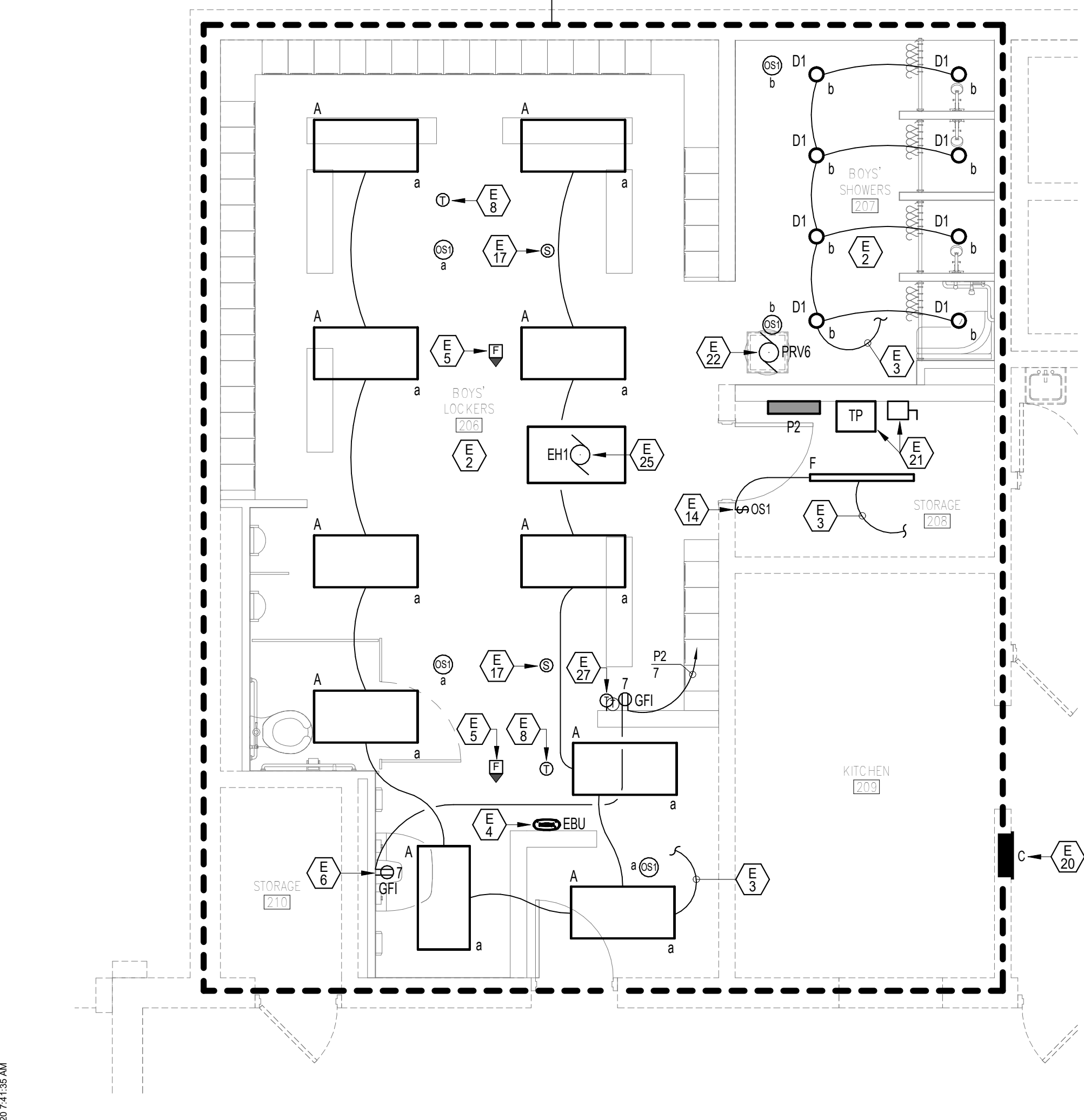
- KEYNOTES SHEET E1.1**
- 1 EXISTING 120/240V BRANCH CIRCUIT PANEL TO REMAIN. IN THE AVAILABLE SPACE IN THE PANEL, REMOVE THE UNUSED 2 POLE CIRCUIT BREAKER AND PROVIDE (2) 20A CIRCUIT BREAKERS IN ITS PLACE. UTILIZE THE NEW CIRCUIT BREAKER FOR THE NEW RECEPTACLE CIRCUIT SHOWN. UPDATE PANEL SCHEDULES ONCE ALL WORK IS COMPLETE.
  - 2 FOR THE ROOMS NOTED, SEE DETAIL 1E2.1 FOR THE LIGHTING CONTROLS. NOTE THAT THE LIGHTING CONTROLS SYSTEM USES CATEGORY 5E WIRING TO CONNECT THE OCCUPANCY SENSORS. ALL CATEGORY 5E CABLING IS TO BE RUN FREE-AIR IN THE CEILING PLENUM. PROVIDE ROOM CONTROLLER FOR EACH SWITCH LEG SHOWN.
  - 3 CONNECT THE NEW LIGHTING TO THE EXISTING LIGHTING CIRCUIT IN THE ROOM. MODIFY THE EXISTING CONDUIT AND WIRING AS NEEDED FOR THE NEW LIGHTING LAYOUT. NOTE THAT THE EXISTING CONDUIT MAY REQUIRE ADDITIONAL SUPPORTS AS THE CONDUIT WAS INSTALLED ABOVE THE NON-ACCESSIBLE CEILING. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
  - 4 INSTALL NEW EMERGENCY LIGHT AT THE CEILING TO AVOID SURFACE RACEWAY TO THE FIXTURE. CONNECT TO THE UNSWITCHED LIGHTING CIRCUIT FOR THE SPACE.
  - 5 PROVIDE CEILING MOUNTED FIRE ALARM ANNUNCIATION DEVICE AS SHOWN. EXTEND EXISTING FIRE ALARM ANNUNCIATION WIRING FROM THE CORRIDOR DEVICES TO THE NEW RESTROOM DEVICE. VERIFY FIRE ALARM WIRING REQUIREMENTS WITH THE EXISTING FIRE ALARM SYSTEM.
  - 6 PROVIDE NEW RECEPTACLE BEHIND THE COVER SHROUD AT THE WASH FOUNTAINS OR DRINKING FOUNTAIN. DRINKING WASH FOUNTAINS REQUIRE 120V CONNECTION. VERIFY RECEPTACLE ROUGH IN LOCATION BEHIND THE SHROUD WITH THE MECHANICAL CONTRACTOR.
  - 7 AT THE EXISTING RECEPTACLE LOCATION, REMOVE THE EXISTING DEVICE AND COVER PLATE AND INSTALL NEW GFI RECEPTACLE AND NEW COVER PLATE. PROVIDE BOX EXTENSION IF REQUIRED DUE TO THE NEW WALL SURFACE BEING INSTALLED ON THIS WALL.
  - 8 PROVIDE NEW SMOKE DETECTOR IN THE SPACE AS SHOWN. EXTEND THE EXISTING FIRE ALARM INITIATION ZONE WIRING FROM THE CORRIDOR TO THE NEW DETECTOR. PROVIDE ALL REQUIRED PROGRAMMING FOR THE ADDITION OF THE NEW DEVICES. VERIFY WIRING REQUIREMENTS WITH THE EXISTING FIRE ALARM SYSTEM.

- 19 EXTEND THE EXISTING 120V RECEPTACLE CIRCUIT FROM THE EXISTING ROUGH IN LOCATION AND PROVIDE NEW 120V RECEPTACLES FOR THE WASH FOUNTAINS. VERIFY NEC REQUIRED ACCESS TO THE EXISTING 120V RECEPTACLE JUNCTION BOX.
- 20 AT THE EXISTING 277/480V PANEL, PROVIDE NEW CIRCUIT BREAKER IN THE AVAILABLE SPACE FOR POWER TO THE NEW STEP DOWN TRANSFORMER 'TP' AND 120/208V PANEL 'P2'. SEE DETAIL 2E2.1 FOR ADDITIONAL INFORMATION. FISH CONDUIT DOWN THE EXISTING WALL TO THE FLUSH MOUNTED PANEL FOR THE NEW FEEDER WIRING. ALSO NOTE THAT THE EXISTING 200A CIRCUIT BREAKERS IN THE PANEL, WHICH FEED THE LOCKER ROOM CABINET UNIT HEATERS WILL BE REUSED FOR THE NEW HEATERS AS NOTED.
- 21 INSTALL NEW DISCONNECT SWITCH AND STEP DOWN TRANSFORMER AT THE WALL AS HIGH AS POSSIBLE. PROVIDE TRAPEZE MOUNTING FOR THE TRANSFORMER SUPPORTED FROM THE STRUCTURE ABOVE. SEE DETAIL 2E2.1 FOR ADDITIONAL INFORMATION.
- 22 EXTEND THE EXISTING RESTROOM ROOF EXHAUST FAN POWER WIRING TO THE NEW ROOF VENTILATOR LOCATION AND PROVIDE ALL REQUIRED ELECTRICAL CONNECTIONS TO THE FAN. PROVIDE ADDITIONAL WIRING AND CONDUIT AS NEEDED TO PROVIDE THE CONNECTION TO THE FAN MOTOR.
- 23 REINSTALL SMOKE DETECTOR IN THE NEW LOCATION SHOWN. SEE THE DEMOLITION PLAN FOR THE ORIGINAL CORRIDOR DETECTOR LOCATION. MODIFY EXISTING FIRE ALARM CONDUIT AND WIRING AS NEEDED FOR THE NEW DETECTOR LOCATION.
- 24 CONNECT NEW RECEPTACLES TO THE EXISTING 120V CIRCUIT. PROVIDE EMT CONDUIT FOR ALL EXPOSED CONDUIT IN THE ROOM. REMOVE EXISTING FLEXIBLE CONDUIT WHICH WAS USED TO POWER THE 120V RECEPTACLE IN THE CUSTODIAN'S ROOM AND REPLACE WITH EMT.
- 25 ELECTRIC CABINET UNIT HEATERS SHALL BE POWERED FROM THE EXISTING 480V, 3 PHASE CIRCUIT FROM PANEL 'C'. EXTEND WIRING TO THE NEW LOCATION SHOWN AND MAKE ALL REQUIRED CONNECTIONS TO THE HEATER. SEE ELECTRIC HEAT SCHEDULE ON E2.1 FOR ADDITIONAL INFORMATION. HEATER SHALL BE SEMI RECESSED IN THE CEILING, COORDINATE WITH THE CEILING INSTALLER. SUPPORT UNIT FROM STRUCTURE.
- 26 CONNECT NEW COOLER ROOM LIGHTING TO THE EXISTING KITCHEN LIGHTING CIRCUIT. CONNECT TO UNSWITCHED HOT OF THE KITCHEN LIGHTING.
- 27 AT THE WALL, PROVIDE SINGLE GANG BOX AT 46" AFF WITH 1/2" CONDUIT ROUTED TO THE ELECTRIC CABINET UNIT HEATER IN THE ROOM. THERMOSTAT AND WIRING SHALL BE BY THE TEMPERATURE CONTROLS CONTRACTOR.
- 9 REINSTALL THE CORRIDOR HORNSTROBE IN THE NEW LOCATION AS SHOWN. INSTALL THE DEVICE AT 82" ABOVE FINISHED FLOOR TO THE CENTER OF THE DEVICE. EXTEND EXISTING CORRIDOR ANNUNCIATION WIRING TO THE NEW LOCATION FOR THE HORNSTROBE. ROUTE NEW WIRING IN THE EXISTING MASONRY WALL.
- 10 AT THE EXISTING CORRIDOR CEILING, COORDINATE LIGHTING LOCATIONS WITH THE EXISTING CEILING MAIN RUNNERS AND ADJUST LOCATIONS AS NEEDED. EXTEND THE EXISTING CORRIDOR LIGHTING CIRCUIT TO THE NEW LIGHTING LOCATIONS SHOWN.
- 11 CONNECT THE NEW CORRIDOR / CIRCULATION SPACE LIGHTING TO THE EXISTING CORRIDOR LIGHTING CIRCUIT AND CONTROLS. MODIFY THE EXISTING WIRING AS NEEDED FOR THE NEW LIGHTING.
- 12 INSTALL NEW 120V RECEPTACLE AT THE LOCATION SHOWN. MODIFY THE EXISTING 120V RECEPTACLE CONDUIT AND WIRING TO CONNECT TO THE NEW RECEPTACLE LOCATION.
- 13 ROUTE NEW 120V CIRCUIT TO THE EXISTING PANEL. NOTE THAT THE CIRCUIT NUMBER IS SHOWN FOR REFERENCE ONLY. CIRCUIT TO THE AVAILABLE 20A CIRCUIT BREAKER IN THE PANEL. UPDATE AS BUILT DRAWINGS WITH ACTUAL CIRCUIT NUMBERS.
- 14 PROVIDE NEW WALL BOX OCCUPANCY SENSOR, WATTS/STOPPER MODEL #DSW-301, OR EQUAL. WALL SENSOR SHALL HAVE SINGLE POLE TO CONTROL THE LIGHTING. NOTE THAT THE SENSOR MAY REQUIRE A DEDICATED NEUTRAL AND GROUND CONDUCTOR TO OPERATE PROPERLY. MODIFY THE EXISTING LIGHTING CIRCUIT WIRING AS NEEDED FOR THE NEW CONTROLS LOCATION. PROGRAM THE SWITCH SUCH THAT LIGHTING LOAD COMES ON AUTOMATICALLY, AND REMAINS ON FOR 15 MINUTES.
- 15 MOUNT LIGHT FIXTURE ADJACENT TO THE EXISTING DUCT IN THE SPACE. FIXTURE SHALL BE INSTALLED SUCH THAT THE BOTTOM OF THE FIXTURE IS FLUSH WITH THE BOTTOM OF THE EXISTING DUCT.
- 16 CONNECT NEW 120V RECEPTACLE TO THE EXISTING 120V RECEPTACLE CIRCUIT IN THE ROOM. EXTEND EXISTING CONDUIT AND WIRING TO THE NEW RECEPTACLE LOCATION.
- 17 PROVIDE NEW RECESSED PAGING SPEAKERS IN THE CEILING. PROVIDE ATLAS SOUND SPEAKER G87W WITH WHITE BAFFLE, TILE BRIDGE, AND BACK BOX. ADJUST SPEAKER TAP SETTINGS AS NEEDED FOR SOUND LEVELS AND TO MATCH THE EXISTING SYSTEM VOLTAGE. EXTEND EXISTING WIRING TO THE NEW SPEAKER LOCATIONS.
- 18 REINSTALL EXISTING PULL STATION AT THE NEW LOCATION SHOWN. ROUTE WIREMOLD #700 SURFACE RACEWAY DOWN THE EXISTING WALL AND PROVIDE SURFACE MOUNTED BOX FOR THE DEVICE.

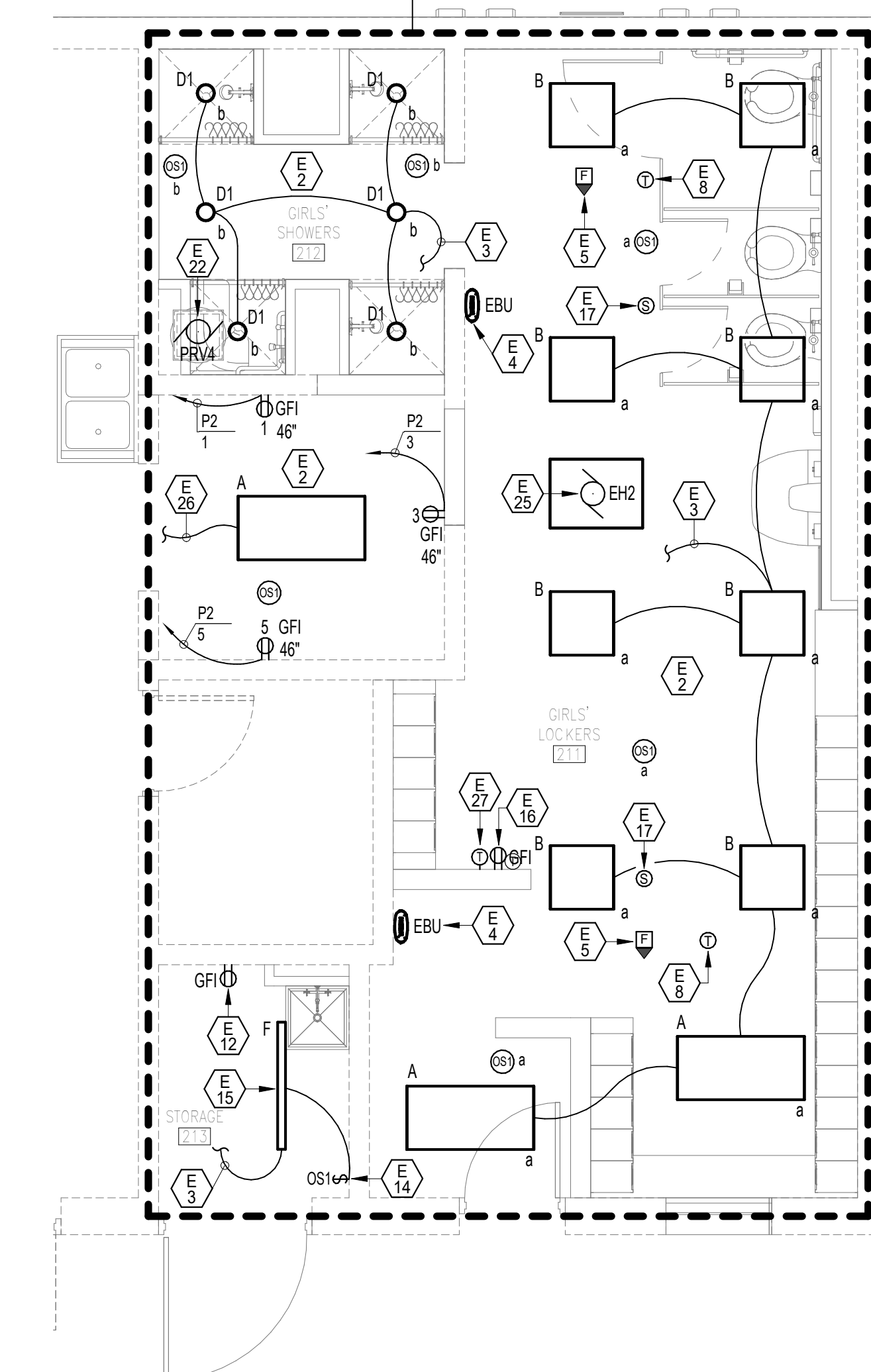


FLOOR 2 KEYPLAN  
NO SCALE

FLOOR 1 KEYPLAN  
NO SCALE



FLOOR 02 - BOYS' LOCKER ROOM - ELECTRICAL  
SCALE: 1/4" = 1'-0"



FLOOR 02 - GIRLS' LOCKER ROOM - ELECTRICAL  
SCALE: 1/4" = 1'-0"

