

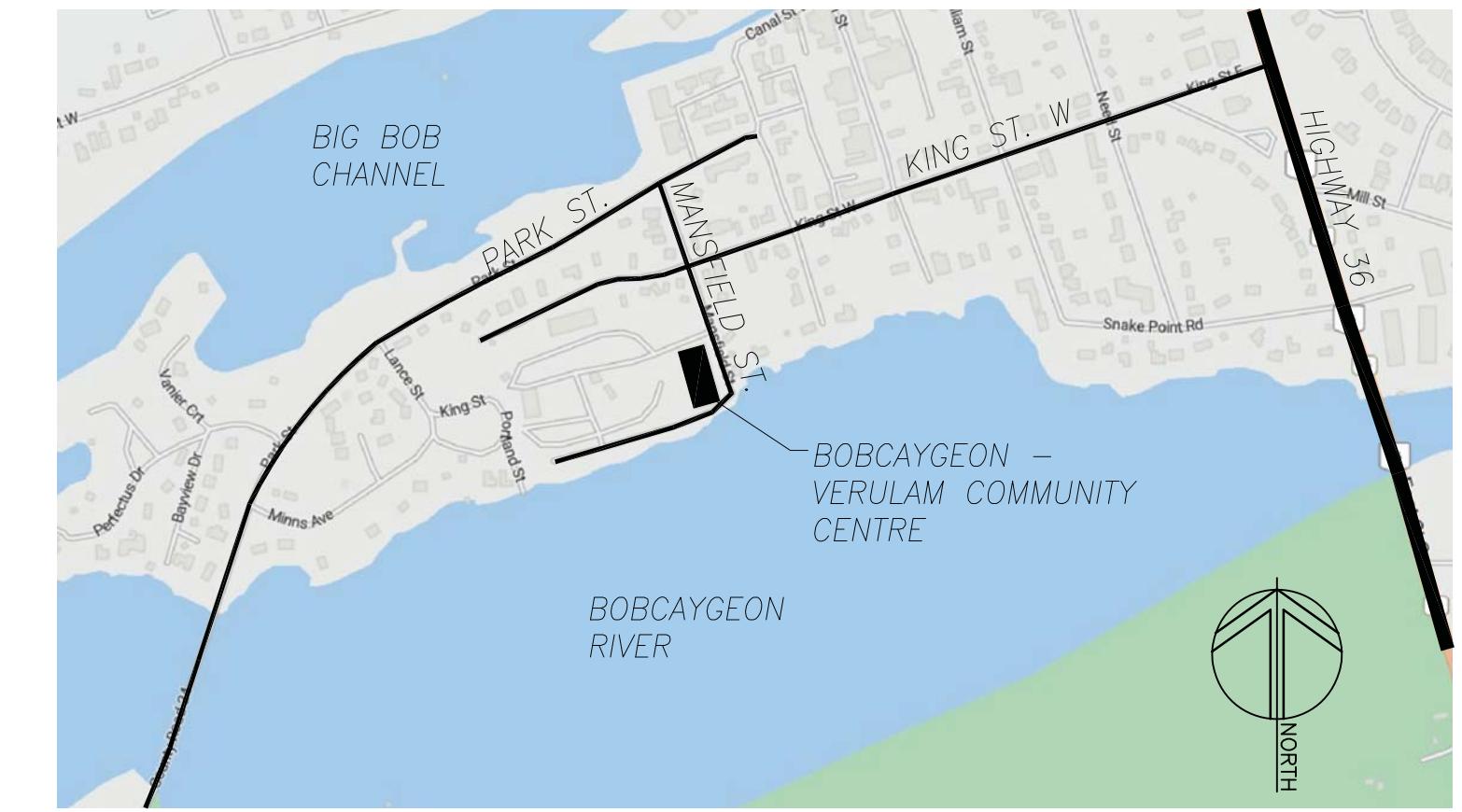
EXISTING OVERALL GROUND FLOOR PLAN

EXISTING SECOND FLOOR PLAN

ITEM	ONTARIO BUILDING CODE DATA MATRIX	OBC REFERENCE
1	Project Description <input type="checkbox"/> New <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Change of Use <input checked="" type="checkbox"/> Alteration	<input checked="" type="checkbox"/> Part 3 <input type="checkbox"/> Part 9 2.1.1 9.10.1.3
2	Major Occupancy(s) Arena and Community Center	3.1.2.1(1) 9.10.2
3	Building Area(sq.m)	1.1.3.2
4	Gross Area < 3000 m ²	1.1.3.2
5	Number of Storeys Above Grade 2 Below Grade 0	3.2.1.1 & 1.1.3.2 2.1.1.3
6	Height of Building(m)	2.1.1.3
7	Number of Streets/Access Routes 3	3.2.2.10 & 3.2.5.5
8	Building Classification Group A, Division 3, up to 2 Storeys (3.2.2.30)	3.2.2.20-3.2.2.83 9.10.4
9	Sprinkler System Proposed <input type="checkbox"/> entire building <input type="checkbox"/> basement only <input type="checkbox"/> in lieu of roof rating <input checked="" type="checkbox"/> not required	3.2.2.20-3.2.2.83 3.2.1.5 3.2.2.17 9.10.8
10	Standpipe required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.9
11	Fire Alarm required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.4 9.10.7.2
12	Water Services/Supply is Adequate <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
13	High Building <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.6
14	Permitted Construction <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Both Actual Construction <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Both	3.2.2.20-3.2.2.83 9.10.6
15	Mezzanine(s) Area(sq.m.) Existing N/A	3.2.1.1(3-8) 9.10.4.1
16	Occupant load based on <input checked="" type="checkbox"/> sq.m./person <input type="checkbox"/> design of building	3.1.17.1 9.9.1.3
	1st Floor Occupancy A3 Load 700 persons	
	2nd Floor Occupancy A3 Load 300 persons	
	Total Occupancy A3 Load 1000 persons	
17	Barrier-free Design <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)	3.8 9.5.2
18	Hazardous Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.2.(1) & 3.3.1.19(1) 9.10.1.3
19	Required Fire Rating (FRR) Horizontal Assemblies Listed Design No. or Description(SG-2)	3.2.2.20-3.2.2.83 & 3.2.1.4 9.10.8 9.10.9
	Floors 1 Hours	
	Roof 3/4 Hours	
	Mezzanine N/A Hours	
	FRR for Supporting Members Listed Design No. or Description(SG-2)	
	Floors 1 Hours	
	Roof 3/4 Hours	
	Mezzanine N/A Hours	
20	Spacial Separation - Construction of Exterior Walls	3.2.3.
	Wall Area of L.D. I/H EBF or Max % of Openings (m ²) (m)	
	L/H or H/L Openings	
	Permitted Proposed FRR (Hours) or Description	
	Listed Design No. or Description(SG-2)	
	Combustible Construction	
	Non-Combustible Construction	
	Cladding	
21	Sanitary Facility Summary	3.7.4.3.(3)
	Per table 3.7.4.3.C, 1000 persons require 5 fixtures per sex.	
	Required Existing Proposed	
	Male 5 10 6	
	Female 5 7 6	
1st Floor:	Male Washrooms = 4* (2 Water closets, 3 Urinals)	
	Female Washrooms = 4	
	Dressing Room Washrooms = 5 (1 Water closet per dressing room)	
Note:	* 3rd urinal in men's washroom is provided as a convenience and is not being counted as a required fixture (it is an alternate to using the stall)	
2nd Floor:	Male Washrooms = 2	
	Female Washrooms = 2	

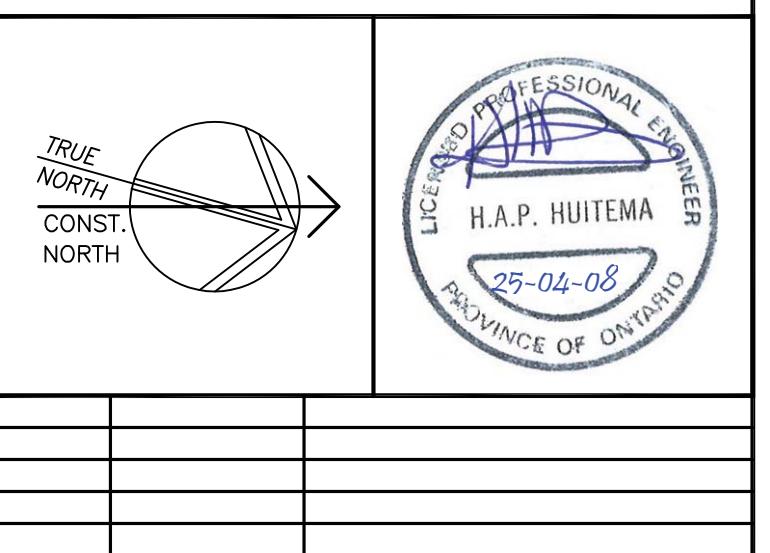
PROVISIONAL PRICES

- #1 REPLACE CEILING IN LOBBY 101
- #2 REPLACE FLOORING IN LOBBY 101 WITH CERAMIC TILE & RUBBER FLOORING AS INDICATED ON PLAN
- #3 REPLACE FLOORING IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106) WITH RUBBER FLOORING
- #4 REPLACE WATER CLOSETS IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106)
- #5 REPLACE LIGHT FIXTURES ON SECOND FLOOR IN MAIN HALL, ROOM No. 201 & MEN'S & WOMEN'S WASHROOMS, ROOM No. 204 & 203
- #6 CONSTRUCT NEW ENTRANCE CANOPY
- #7 PROVIDE NEW WIDER DOORS AT DRESSING ROOM 1 (DR. No. 106) & DRESSING ROOM 2 (DR. No. 107)

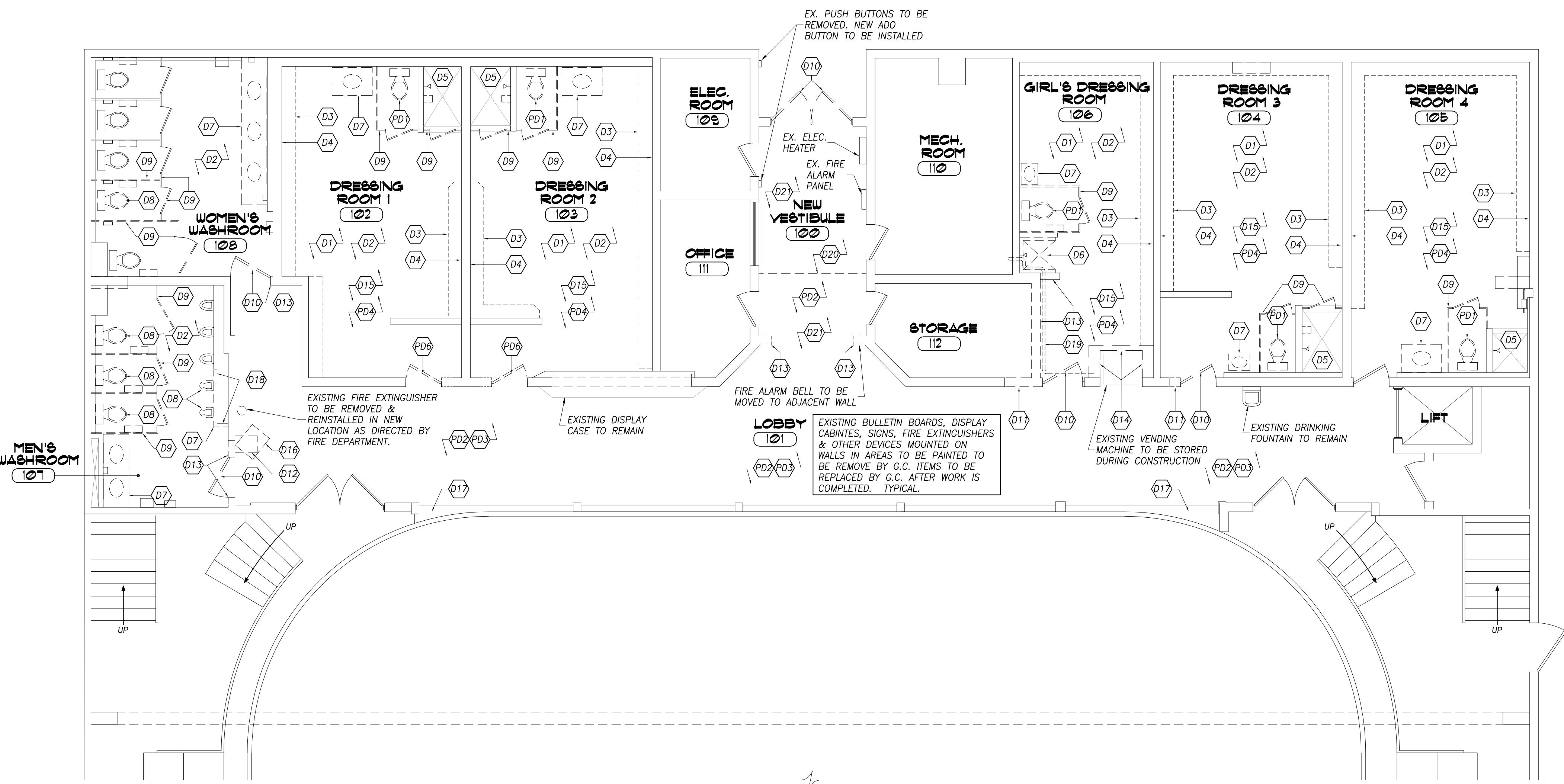


KEY PLAN

DRAWING LIST	
DRAWING NO.	DRAWING NAME:
0.0	COVER SHEET
2.0	REMOVALS PLANS
2.1	GENERAL NOTES & PARTIAL FLOOR PLANS
2.2	PARTIAL REFLECTED CEILING PLANS
3.0	FRONT CANOPY DETAILS
4.0	ENLARGED PLANS & DETAILS
5.0	SCHEDULES
M1.01	LEGEND & SPECIFICATIONS
M1.02	SCHEDULES
M2.01	MECHANICAL DEMOLITION & RENOVATION PLANS
E101	DETAILS, LEGEND & SCHEDULES
E102	ELECTRICAL SPECIFICATIONS (1 OF 2)
E103	ELECTRICAL SPECIFICATIONS (2 OF 2)
E201	LIGHTING DEMOLITION
E202	POWER & SYSTEMS DEMOLITION
E301	LIGHTING RENOVATION
E302	POWER & SYSTEMS RENOVATION
1	25/04/03 ISSUED FOR PERMIT/TENDER
No.	DATE REVISION
REVISIONS	

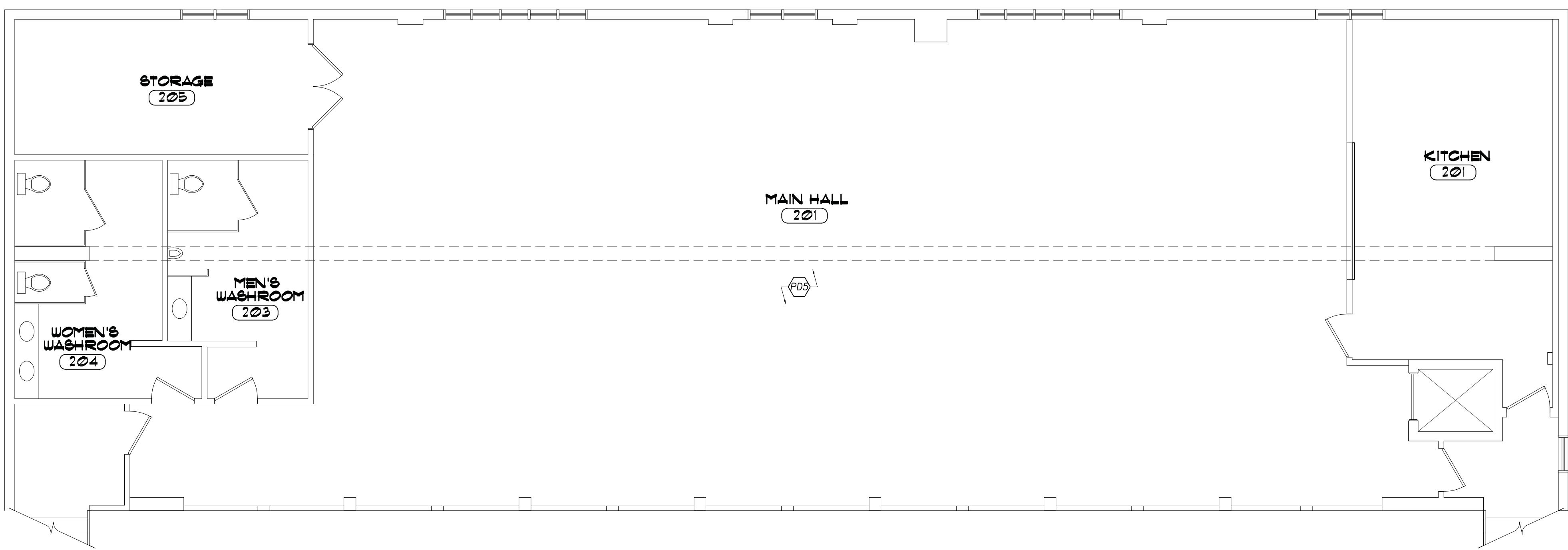


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COVER SHEET	
DATE FEBRUARY 2025	DRAWN BY T.P.
PROJECT No. 25023	CHECKED BY H.A.P.H.
DRAWING No. 0.0	



**GROUND FLOOR REMOVAL
PLAN**

3/16" = 1'-0"



**SECOND FLOOR REMOVAL
PLAN**

3/16" = 1'-0"

DEMOLITION NOTES

- D1 EXISTING SIGNAGE IN DRESSING ROOMS TO BE REMOVED BY G.C. NEW SIGNAGE SUPPLIED BY OWNER TO BE INSTALLED BY G.C. AFTER PAINTING IS COMPLETE
- D2 REMOVE ALL WASHROOM ACCESSORIES AND TURN OVER TO OWNER. ELECTRICAL HAND DRYERS TO BE STORED & REINSTALLED UNLESS OTHERWISE DIRECTED BY OWNER.
- D3 REMOVE EXISTING BENCHES. REPAIR ANY DAMAGE TO ADJACENT SURFACES.
- D4 REMOVE EXISTING HOOKS & BACK BOARDS. REPAIR ANY DAMAGE TO ADJACENT SURFACES.
- D5 REMOVE EXISTING FLOOR & WALL TILE IN SHOWER STALLS. WHERE THERE IS A BUMP-OUT ADJACENT TO THE SHOWER HEAD, INVESTIGATE PURPOSE OF ENCLOSURE AND DETERMINE IF IT CAN BE REMOVED. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. REPAIR & MAKE GOOD EXISTING SURFACES, READY TO RECEIVE NEW TILE FINISH. NOTE: EXISTING THRESHOLD CAN BE RE-USED IF IN GOOD CONDITION.
- D6 REMOVE EXISTING SHOWER LINER, REPAIR & MAKE GOOD WALLS FOR INSTALLATION OF NEW WALL & FLOOR TILES. EXISTING PLUMBING TO BE REWORKED INTO NEW CONC. BLOCK PARTITION.
- D7 REMOVE EXISTING VANITIES AND/OR SINKS
- D8 REMOVE EXISTING WATER CLOSETS AND URINALS. ELONGATED TOILETS TO BE RE-USED IN BARRIER FREE STALLS IF APPLICABLE (ENSURE O.B.C. REQUIREMENTS ARE MET) REFER TO MECHANICAL DRAWINGS.
- D9 REMOVE EXISTING TOILET PARTITIONS. WHERE TOILET PARTITIONS ARE TO BE RE-USED, REMOVE & STORE PARTITIONS IN A SAFE LOCATION FOR RE-INSTALLATION.
- D10 REMOVE EXISTING DOOR & FRAME. REMOVE AUTOMATIC DOOR OPERATOR AT ENTRANCE (NEW OPERATOR TO BE INSTALLED)
- D11 CUT BACK CONCRETE BLOCK WALL AT NEW DOOR OPENING. REPAIR & MAKE GOOD END OF EXISTING BLOCK, READY TO RECEIVE NEW DOOR FRAME & PAINT FINISH
- D12 REMOVE CONCRETE BLOCK KNEE WALL
- D13 REMOVE CONCRETE BLOCK WALL. REFER TO DWG. A2.1 FOR EXTENT OF WALL TO BE REMOVED AND NEW LINTELS. REPAIR & MAKE GOOD ADJACENT WALL & FLOOR, READY FOR NEW FINISHES. EXPOSED CONCRETE BLOCK TO BE CUT SMOOTH, PAGED OR RE-BUILT AS REQUIRED. AT OUTSIDE CORNERS, PROVIDE A BULLNOSE (REFER TO DWG. A2.1 FOR LOCATIONS).
- D14 REMOVE PARTITION WALLS AT ALCOVE. EXPOSED END OF EXISTING CONCRETE BLOCK TO BE REPAIRED (PAGED OR RE-BUILT) TO PROVIDE A SMOOTH FINISH, READY TO RECEIVE NEW PAINT FINISH.
- D15 REMOVE EXISTING PLYWOOD/OSB CEILING & LIGHT FIXTURES IN DRESSING ROOMS. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- D16 EXISTING SUSPENDED HEATER TO BE REMOVED
- D17 REMOVE TILE FLOORING FROM LEDGE, REPAIR & MAKE CONCRETE, READY TO RECEIVE NEW FLOOR FINISH.
- D18 REMOVE SECTION OF PARTITION WALL BEHIND URINALS. REFER TO ENLARGED PLAN A ON DWG. A4.0 FOR EXTENT OF WALL TO BE REMOVED. CAP/REWORK PLUMBING AS REQUIRED. REFER TO MECHANICAL DRAWINGS. NOTE: SALVAGE WALL FINISH AND RE-INSTALL BOARDS IN GOOD CONDITION ON NEW RETURN.
- D19 EXISTING PLUMBING IN BULKHEAD ABOVE TO BE REWORKED TO ACCOMMODATE NEW LAYOUT. REFER TO REFLECTED CEILING PLAN AND MECHANICAL DRAWINGS
- D20 REMOVE EXISTING FLOOR FINISH IN AREA OF NEW VESTIBULE. REPAIR & MAKE GOOD FLOOR, READY TO RECEIVE NEW FLOOR FINISH. REFER TO FLOOR FINISH PLAN ON DRAWING A5.0, FOR ADDITIONAL INFORMATION
- D21 REMOVE EXISTING PLYWOOD/OSB CEILING IN VESTIBULE AND LOBBY SIDE OF NEW DOORS, TO END OF HALL. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION

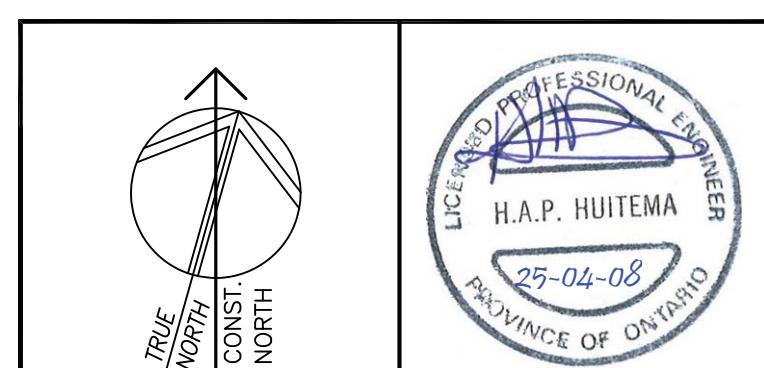
PROVISIONAL DEMOLITION NOTES

- (PD) REMOVE EXISTING WATER CLOSETS IN DRESSING ROOMS.
- (PD) REMOVE EXISTING PLYWOOD/OSB CEILING AT ENTRANCE/LOBBY AREAS. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- (PD) REMOVE EXISTING FLOOR FINISH IN LOBBY AREAS. REPAIR & MAKE GOOD FLOOR, READY TO RECEIVE NEW FLOOR FINISH. REFER TO FLOOR PLAN, DRAWING A2.1, FOR ADDITIONAL INFORMATION
- (PD) REMOVE EXISTING FLOORING IN DRESSING ROOMS. REPAIR & MAKE GOOD EXISTING FLOOR, READY TO RECEIVE NEW FINISHES.
- (PD) REPLACE EXISTING LIGHT FIXTURES IN T-BAR CEILING AT MAIN HALL ON SECOND FLOOR. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- (PD) REMOVE EXISTING DOOR & FRAME. CUT BACK CONCRETE BLOCK WALL FOR NEW WIDER DOOR. REPAIR & MAKE GOOD END OF EXISTING BLOCK, READY TO RECEIVE NEW DOOR FRAME & PAINT FINISH

NOTE: REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL REMOVALS.

GENERAL DEMOLITION NOTES

1. BEFORE COMMENCING WORK ENSURE IN EXAMINATION OF THE SITE THAT ALL POSSIBLE FACTORS CONCERNING THE WORK ARE INVESTIGATED AND THE FOLLOWING ARE KNOWN:
A) METHOD AND MEANS AVAILABLE FOR MATERIAL HANDLING, DISPOSAL, AND STORAGE
B) CONSTRUCTION OF STRUCTURES TO BE DEMOLISHED
C) LOCATION OF UTILITIES AND OTHER SERVICES
2. ARRANGE WITH OWNER AND/OR APPROPRIATE UTILITIES FOR SERVICE SHUT-OFF BEFORE BEGINNING DEMOLITION WORK. COORDINATE SHUT DOWN PERIODS AND SEQUENCE OF WORK WITH OWNER.
3. IDENTIFY ALL EXISTING ITEMS TO BE SALVAGED AND/OR RE-USED WITH OWNER. SUCH ITEMS TO BE REMOVED WITH CARE AND PROTECTED DURING DEMOLITION. RE-INSTALLED OR RETURNED TO OWNER IN UNDAMAGED CONDITION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE OR RESTORE ANY ITEMS DAMAGED DURING THE DEMOLITION AND CONSTRUCTION PERIOD, TO THE OWNER'S SATISFACTION.
4. REMOVE ALL DEMOLISHED MATERIAL OR ITEMS NOT SCHEDULED FOR SALVAGE OR RE-USE.
5. IN NO CASE SHALL SALVAGED MATERIAL BE INCORPORATED INTO THE NEW WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF LOCAL CODES & REGULATIONS.
6. IT IS NOT THE INTENT TO SHOW EVERY PIECE OF ITEM TO BE REMOVED DURING DEMOLITION. MECHANICAL, ELECTRICAL AND OTHER WORK RELATED TO A WALL, CEILING OR AREA SCHEDULED FOR DEMOLITION SHALL BE PERFORMED WHETHER NOTED OR NOT. WHERE EXISTING WALL SUBSTRATES ARE TO BE REMOVED, ALL RELATED MECHANICAL, ELECTRICAL, ALARM/SECURITY CONTROLS, EXIT SIGNS, OUTLETS, ETC. SHALL BE PROTECTED AND WHERE REQUIRED, REMOVED AND REINSTALLED TO FIT FLUSH WITH NEW WALL FINISH.
7. PATCH/REPAIR/REFINISH ALL SURFACED EXPOSED BY DEMOLITION WORK TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES. READY TO RECEIVE NEW FINISHES AS REQUIRED.
8. TERMINATE, CAP AND REMOVE ALL ABANDONED ELECTRICAL CONDUIT, WIRING, OUTLETS, SWITCHES ETC, PLUMBING FIXTURES & PIPING ETC, HVAC DUCTWORK & CONTROLS ETC. AS REQUIRED.
9. IN GENERAL, ANY EQUIPMENT REQUIRED TO BE MOVED IN ORDER TO PERFORM NEW WORK SHALL BE DISCONNECTED, TEMPORARILY STORED AND/OR PROTECTED DURING CONSTRUCTION. REINSTALL AT COMPLETION OF WORK.



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BOBCAYGEON
COMMUNITY CENTER

51 MANSFIELD STREET
BOBCAYGEON ONTARIO

REMOVAL PLANS

DATE FEBRUARY 2025	DRAWN BY T.P.	DRAWING No. 2.0
PROJECT No. 25023	CHECKED BY H.A.P.H.	

GENERAL NOTES

- CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED BY ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
- THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS.
- REFER TO OTHER CONSULTANT'S DRAWINGS FOR DETAILS OF OPENINGS, PITS, CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS AND GOOD CONSTRUCTION PRACTICES.
- THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
- CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

MASONRY NOTES

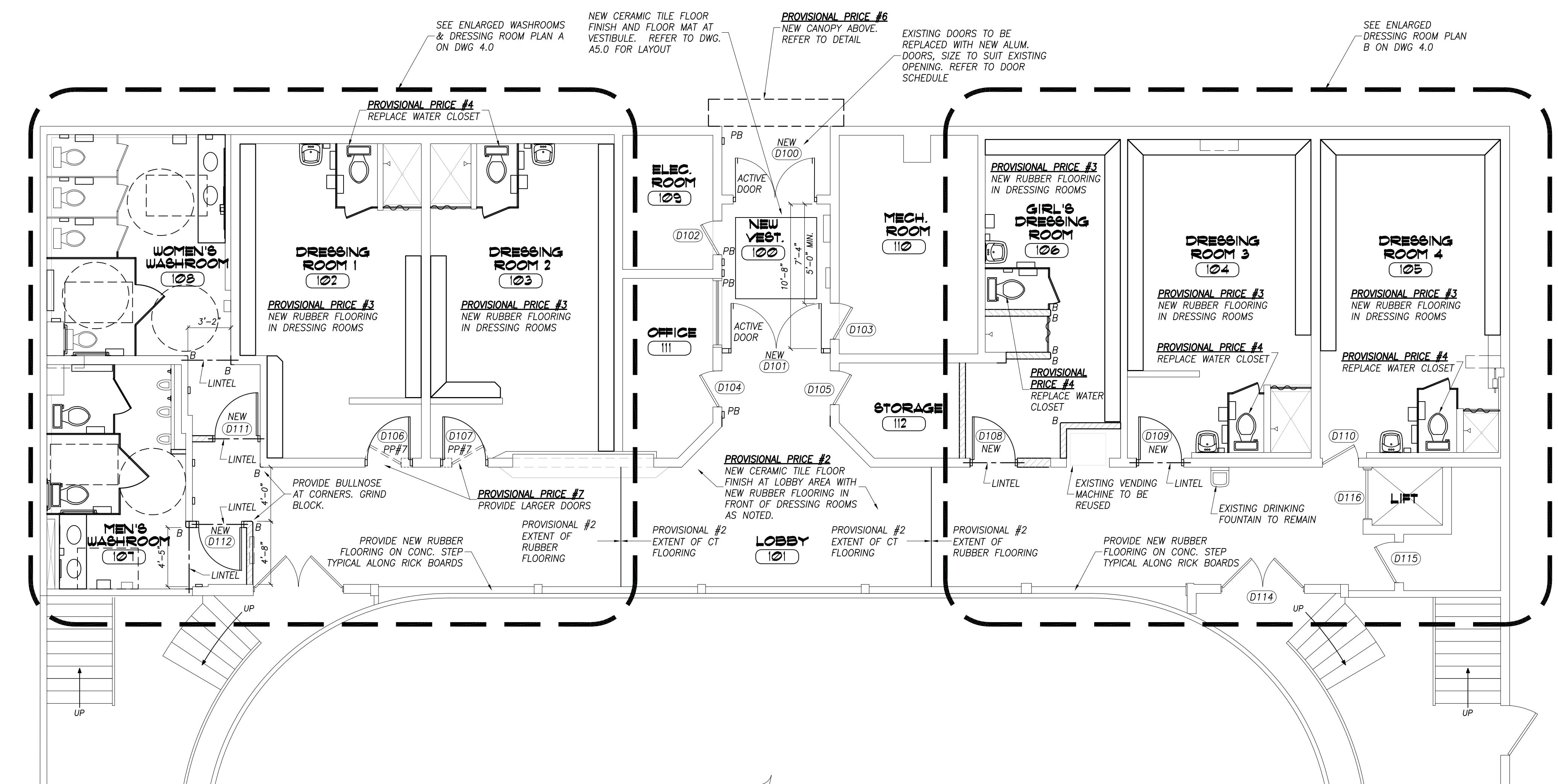
- ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S304.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371. ALL MASONRY CONNECTORS, REINFORCING AND TYING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.
- ALL CONCRETE BLOCKS SHALL BE NORMAL WEIGHT TYPE H/15/A/M UNLESS OTHERWISE NOTED. MORTAR SHALL BE TYPE S FOR LOADBEARING AND TYPE N FOR NON-LOADBEARING.
- VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 20'-0". REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS.
- TRIM ALL OPENINGS WITH 2-15M BARS.
- GROUT SHALL CONSIST OF ONE PART PORTLAND CEMENT, THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE $\frac{3}{8}$ ") WITH WATER TO PROVIDE A MINIMUM 28 DAY COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 8" TO 10".
- ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID.
- THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200 PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAKE BACK ENDS OF UNFINISHED WALLS.
- ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF $\frac{1}{4}$ " IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF $\frac{3}{4}$ ". BED JOINTS SHALL BE $\frac{3}{8}$ ".
- PROVIDE HORIZONTAL REINFORCING AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:
 - 6" CONCRETE BLOCK - HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE.
 - 8" CONCRETE BLOCK - HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE.
- THE HORIZONTAL REINFORCING AT EXTERIOR WALLS SHALL BE GALVANIZED. DO NOT EXTEND HORIZONTAL REINFORCING THROUGH CONTROL JOINTS UNLESS OTHERWISE NOTED.
- PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.
- BUILD THE MASONRY SOLID AROUND ALL BEAM, LINTEL AND JOIST POCKETS. INSTALL BEARING PLATES AT THE SPECIFIED ELEVATION AND GROUT THE PLATE INTO THE WALL A MINIMUM OF 16".
- PROVIDE TEMPORARY BRACING AS REQUIRED TO SUPPORT THE MASONRY WALLS IN CONSTRUCTION. PROTECT THE MASONRY WALLS FROM THE ELEMENTS AT ALL TIMES EXCEPT DURING CONSTRUCTION PROGRESS.

STRUCTURAL STEEL NOTES

- ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16.
- ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300W) EXCEPT W SECTIONS AND PLATES G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORM SECTIONS ASTM A570 GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CAN/CSB 85.10.
- ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W59. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE WITH CAN/CSA W47.1.
- DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED.
- ALL BOLTS SHALL BE TIGHTENED WITH A SUITABLE TORQUE WRENCH IN ACCORDANCE WITH CSA S16.
- ALL STEEL EXPOSED TO THE EXTERIOR TO BE HOT DIP GALVANIZED.
- ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

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- REPLACE WATER CLOSETS IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106)
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- CONSTRUCT NEW ENTRANCE CANOPY
- PROVIDE NEW WIDER DOORS AT DRESSING ROOM 1 (DR. No. 106) & DRESSING ROOM 2 (DR. No. 107)

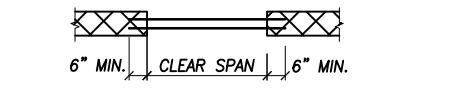


WALL TYPE LEGEND

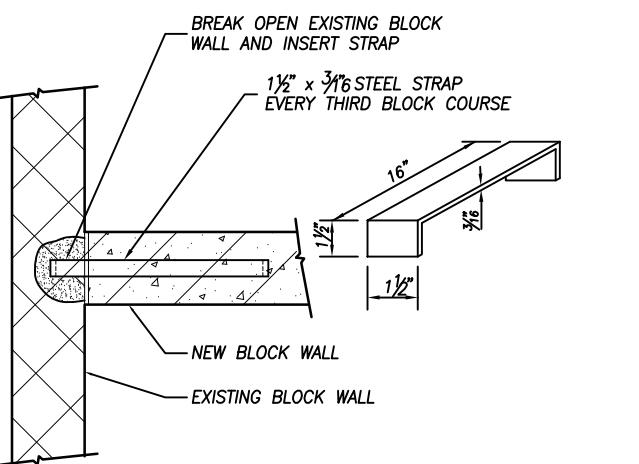
- DENOTES EXISTING WALLS TO REMAIN
 & REPAIR & MAKE GOOD ANY DAMAGE DUE TO
 NEW WORK.
 - DENOTES NEW INTERIOR NON-LOAD BEARING
 6" CONCRETE BLOCK WALL. STRAP NEW
 CONCRETE BLOCK TO EXISTING AT INTERSECTIONS.
 REFER TO DETAIL BELOW.
 NOTE: WHERE CONCRETE BLOCK IS USED TO
 INFILL AN EXISTING OPENING, BLOCK SIZE TO
 MATCH EXISTING.
 - BULL NOSE
 WHERE INDICATED, PROVIDE A BULLNOSE AT
 BLOCK CORNER. GRIND BULLNOSE AT
 EXISTING BLOCK.
 - DENOTES NEW INTERIOR NON-LOAD BEARING
 - 1/2" GYPSUM BOARD ON
 - 2x4" WOOD STUDS @ 16" O/C
 NOTE: REFER TO ENLARGED PLANS ON DRAWING A4.0
 FOR ADDITIONAL INFORMATION

STEEL LINTEL SCHEDULE

PROVIDE STEEL LINTELS FOR ALL NEW OPENINGS AS SHOWN ON DRAWINGS



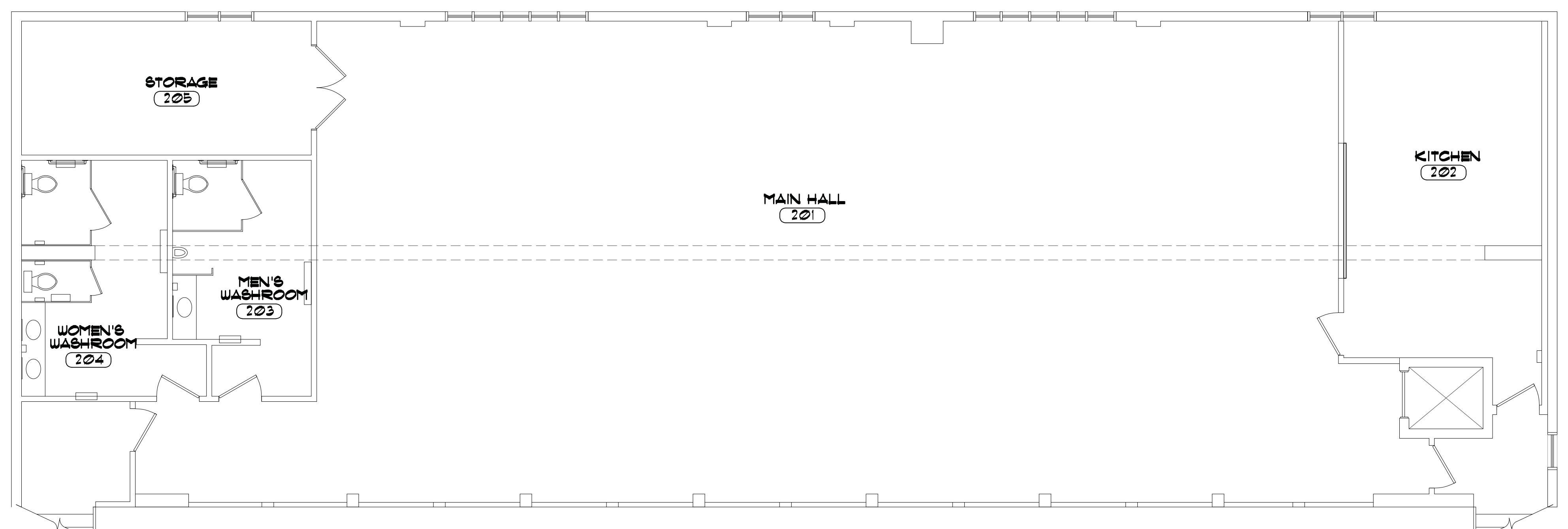
DOUBLE ANGLES TO BE STITCH WELDED BACK TO BACK



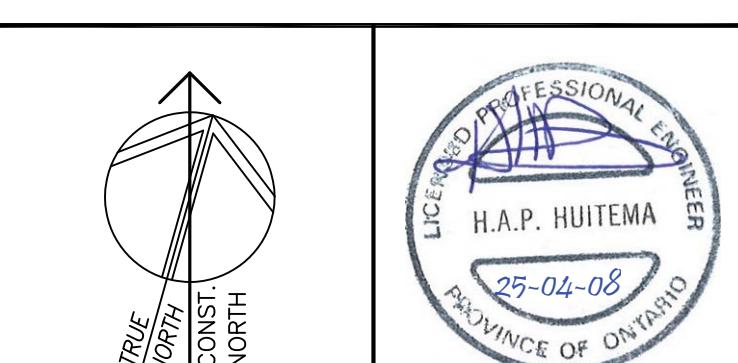
TYPICAL INTERSECTION OF NEW &
EXISTING CONCRETE BLOCK WALLS

NOT TO SCALE

PARTIAL FIRST FLOOR PLAN
SCALE: 3/16"=1'-0"



PARTIAL SECOND FLOOR PLAN
SCALE: 3/16"=1'-0"



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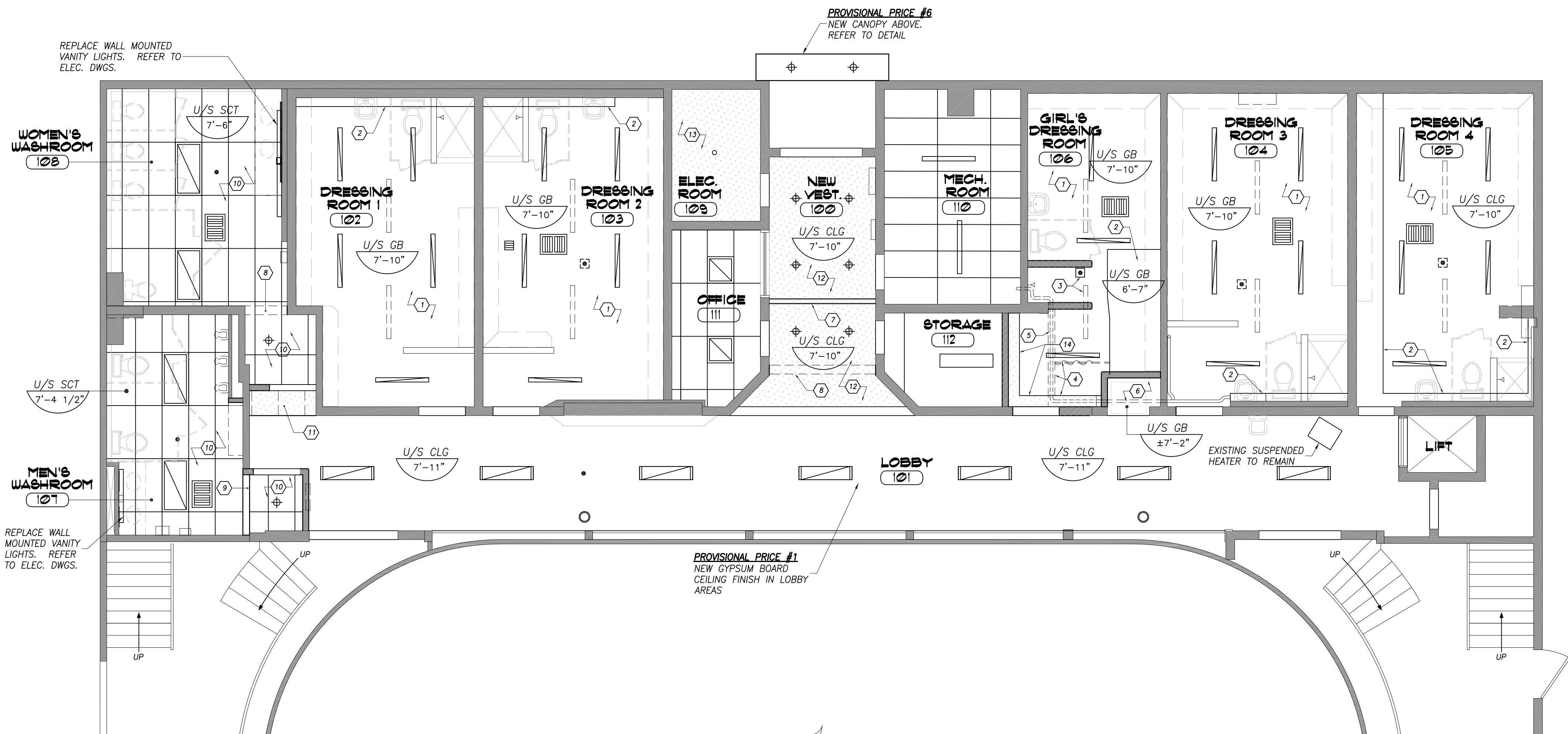
ONTARIO

GENERAL NOTES &
PARTIAL FLOOR
PLANS

DATE FEBRUARY 2025	DRAWN BY T.P.	DRAWING No. 2.1
PROJECT No. 25023	CHECKED BY H.A.P.H.	

REFLECTED CEILING PLAN LEGEND

NOTE: REFER TO ELECTRICAL & MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.



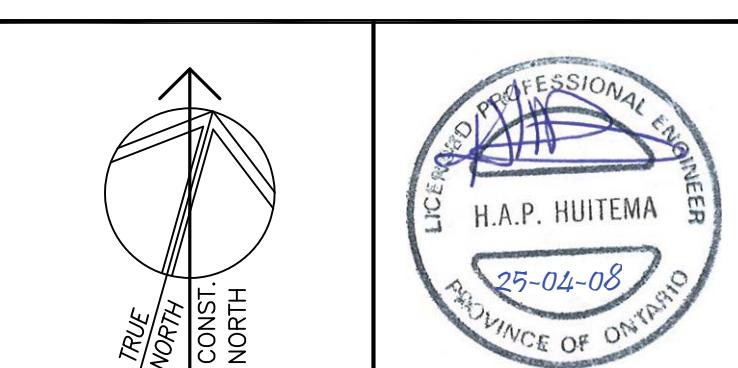
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#2	REPLACE FLOORING IN LOBBY 101 WITH CERAMIC TILE & RUBBER FLOORING AS INDICATED ON PLAN
#3	REPLACE FLOORING IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106) WITH RUBBER FLOORING
#4	REPLACE WATER CLOSETS IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106)
#5	REPLACE LIGHT FIXTURES ON SECOND FLOOR IN MAIN HALL, ROOM No. 201 & MEN'S & WOMEN'S WASHROOMS, ROOM No. 204 & 203
#6	CONSTRUCT NEW ENTRANCE CANOPY
#7	PROVIDE NEW WIDER DOORS AT DRESSING ROOM 1 (DR. No. 106) & DRESSING ROOM 2 (DR. No. 107)

REFLECTED CEILING PLAN NOTES

- ① PROVIDE A NEW MOISTURE RESISTANCE GYPSUM BOARD CEILING, HEIGHT TO MATCH EXISTING. EXISTING LIGHT FIXTURE TO BE REMOVED. INSTALL NEW FIXTURE AS INDICATED. EXISTING DEVICES IN CEILING TO BE REMOVED & RE-INSTALLED INTO NEW CEILING. REFER TO MECHANICAL DRAWINGS. NOTE: EXISTING FIRE-RATING OF FLOOR ASSEMBLY ABOVE TO BE MAINTAINED. REFER TO NOTE BELOW.
- ② PATCH & REPAIR EXISTING BULKHEAD, READY TO RECEIVE NEW PAINT FINISH.
- ③ RELOCATE LIGHT FIXTURE & CEILING MOUNTED DEVICES AS REQUIRED TO ACCOMMODATE NEW PARTITIONS. REFER TO MECHANICAL & ELECTRICAL DRAWINGS.
- ④ REMOVE EXISTING BULKHEAD, CURTAIN ROD & CURTAIN. REPAIR AND MAKE GOOD ADJACENT SURFACES.
- ⑤ REWORK PLUMBING. REFER TO MECHANICAL DRAWINGS. NOTE: PROVIDE FIRE-STOPPING AS REQUIRED AT PENETRATIONS THROUGH CONCRETE BLOCK WALL TO MECHANICAL ROOM. PENETRATIONS NO LONGER REQUIRED TO BE FILLED IN, MAINTAINING EXISTING FIRE-RATINGS.
- ⑥ REPAIR & MAKE GOOD EXISTING DRYWALL CEILING AS REQUIRED TO SUIT NEW PARTITION WALLS.
- ⑦ NEW BULKHEAD TO BE PROVIDED ABOVE DOORS. $\frac{1}{2}$ " GYPSUM BOARD ON BOTH SIDES OF 2x4 WOOD STUDS @ 16" O/C, SECURED TO STRUCTURE ABOVE.
- ⑧ REMOVE WALL ABOVE EXISTING OPENING. REPAIR & MAKE GOOD ADJACENT SURFACE, READY TO RECEIVE NEW CEILING.
- ⑨ REPLACE LINTEL AT MODIFIED OPENING. INSTALL LINTEL AS HIGH AS POSSIBLE AND ENCLOSE IN A BULKHEAD CONSTRUCTED WITH $\frac{1}{2}$ " GYPSUM BOARD ON WOOD FURRING @ 16" O/C.
- ⑩ CLEAN & PAINT EXISTING T-BAR GRID AND REPLACE EXISTING CEILING TILES WITH NEW TILES. MODIFY GRID AS REQUIRED WHERE WALLS HAVE BEEN MODIFIED AND EXTEND INTO WASHROOM ENTRANCES WITH NEW T-BAR GRID TO MATCH EXISTING.
- ⑪ REPLACE T-BAR CEILING WITH NEW GYPSUM BOARD CEILING WHERE INDICATED, HEIGHT TO MATCH EXISTING.
- ⑫ REPLACE EXISTING CEILING SHEATHING WITH NEW GYPSUM BOARD CEILING. REFER TO LEGEND ABOVE. EXISTING LIGHT FIXTURES TO BE REPLACED. EXISTING DEVICES IN CEILING TO BE RE-INSTALLED (REFER TO MEC & ELEC DWGS). NOTE: EXISTING FIRE-RATING OF FLOOR ASSEMBLY ABOVE TO BE MAINTAINED. REFER TO NOTE BELOW.
- ⑬ REINSTATE CEILING IN ELECTRICAL ROOM TO MAINTAIN ONE (1) HOUR FIRE RATING OF FLOOR ASSEMBLY ABOVE. REFER TO REFLECTED CEILING PLAN LEGEND FOR CONSTRUCTION. EXISTING LEGGING, DEVICES, CABLING ETC. TO BE RE-WORKED TO ACCOMMODATE CEILING WITHOUT COMPROMISING THE FIRE RATING.
- ⑭ PROVIDE A NEW GYPSUM BOARD BULKHEAD TO CONCEAL RE-WORKED PLUMBING.

FLOOR ASSEMBLY NOTE:

THE EXISTING FLOOR ASSEMBLY FOR THE SECOND FLOOR HAS A 1 HOUR FIRE RESISTANCE RATING. CC TO EXAMINE FLOOR ASSEMBLY TO DETERMINE HOW THE FIRE RATING IS ACHIEVED. IF THE EXISTING CEILING IS PART OF THE FIRE-RESISTED ASSEMBLY AND IS NOTED TO BE REMOVED, IT SHALL BE REPLACED WITH 2 LAYERS OF $\frac{1}{2}$ " FIRE-RATED GYPSUM BOARD TO ACHIEVE THE 1 HOUR FIRE-RATING PER SB-2, SECTION 2.3 OF THE O.B.C. EACH LAYER OF $\frac{1}{2}$ " TYPE X GYPSUM BOARD PROVIDES 25 MINUTES FIRE RATING PER TABLE 2.3.4.B AND THE WOOD JOISTS PROVIDE 10 MINUTES PER TABLE 2.3.4.F FOR A TOTAL OF 60 MINUTES.



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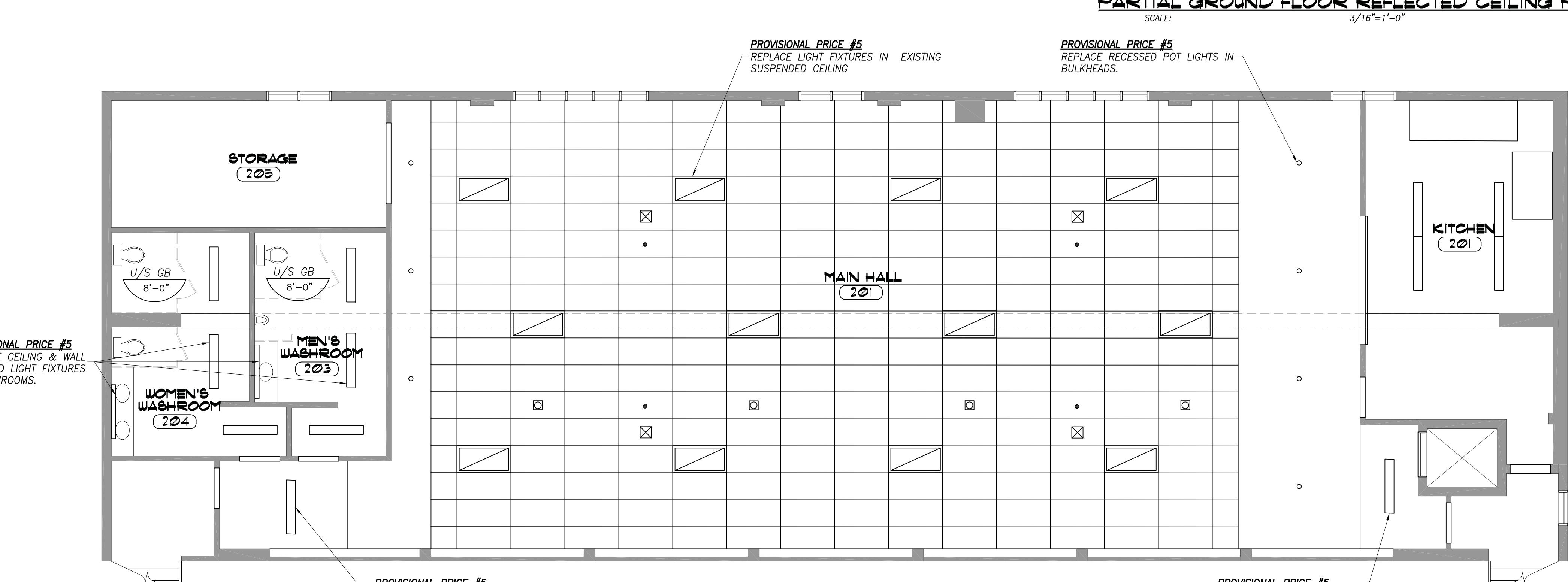
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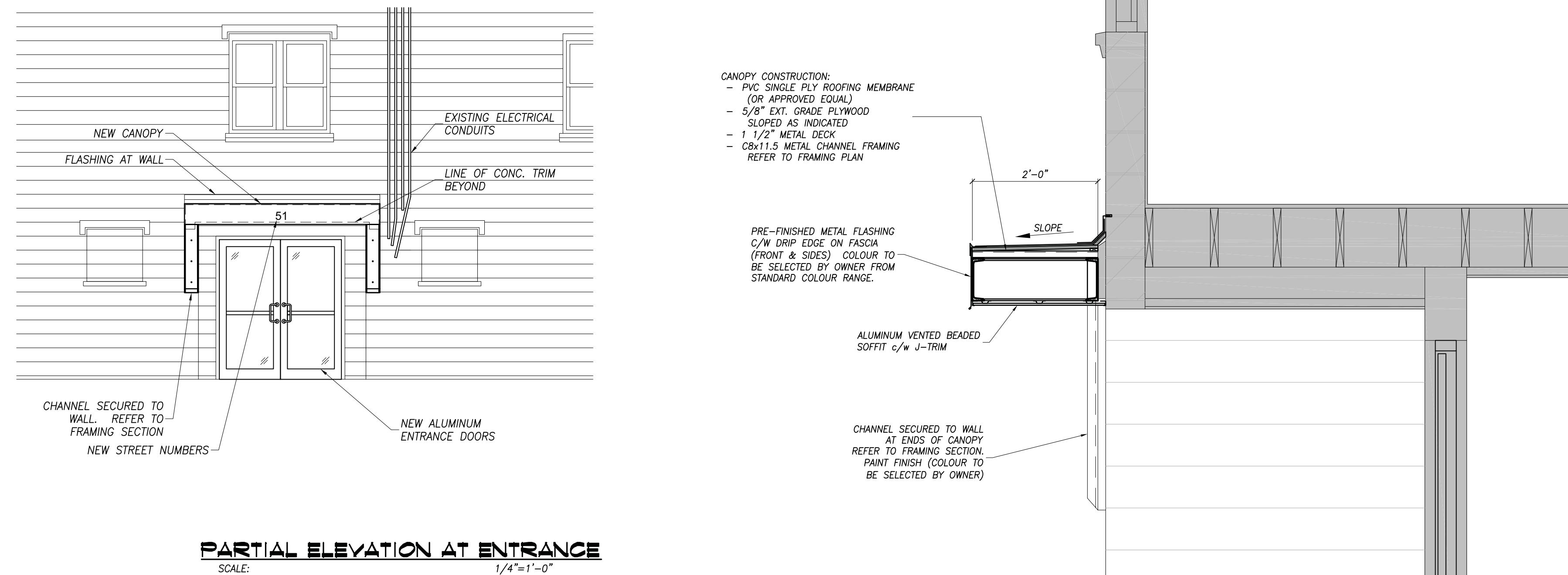
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PARTIAL REFLECTED CEILING PLANS

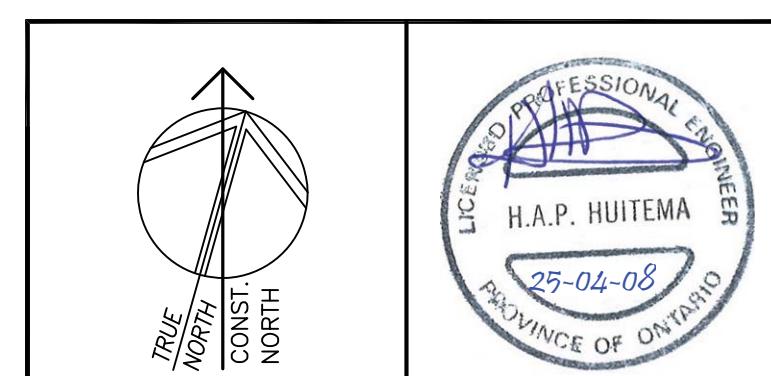
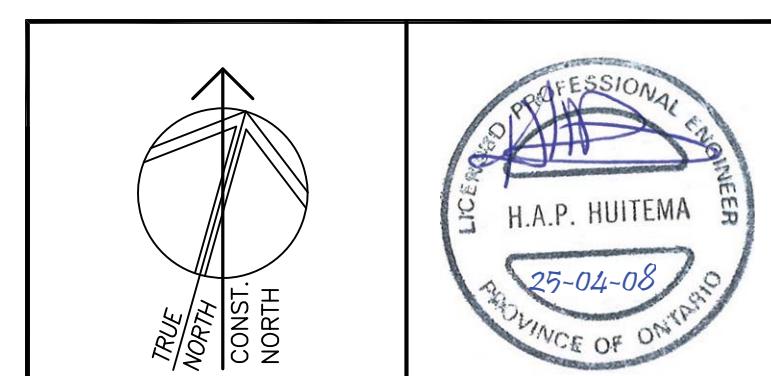
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PARTIAL SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 3/16"=1'-0"



PROPOSED CANOPY IS PART OF PROVISIONAL PRICE #6



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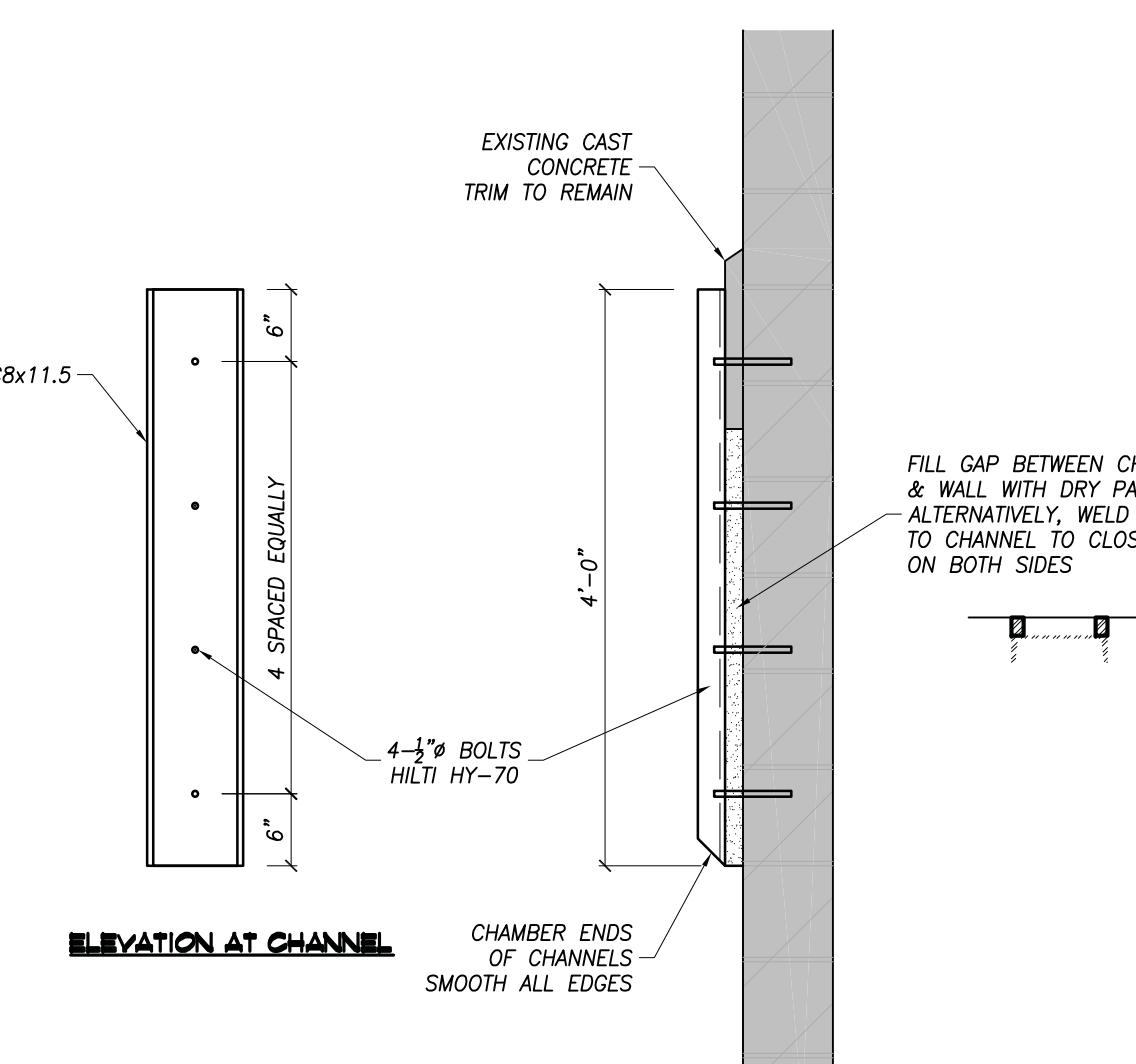
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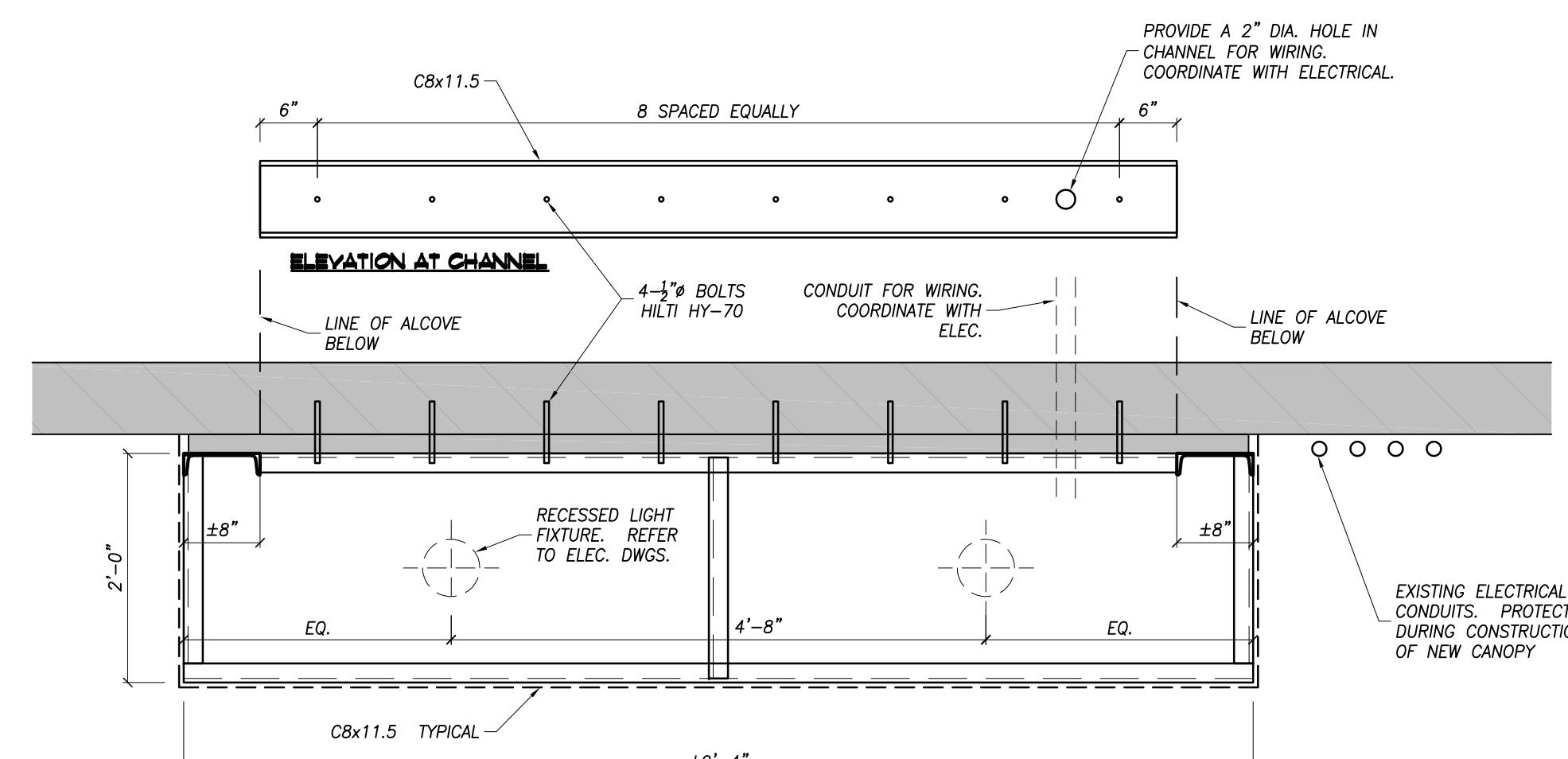
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FRONT CANOPY
DETAILS

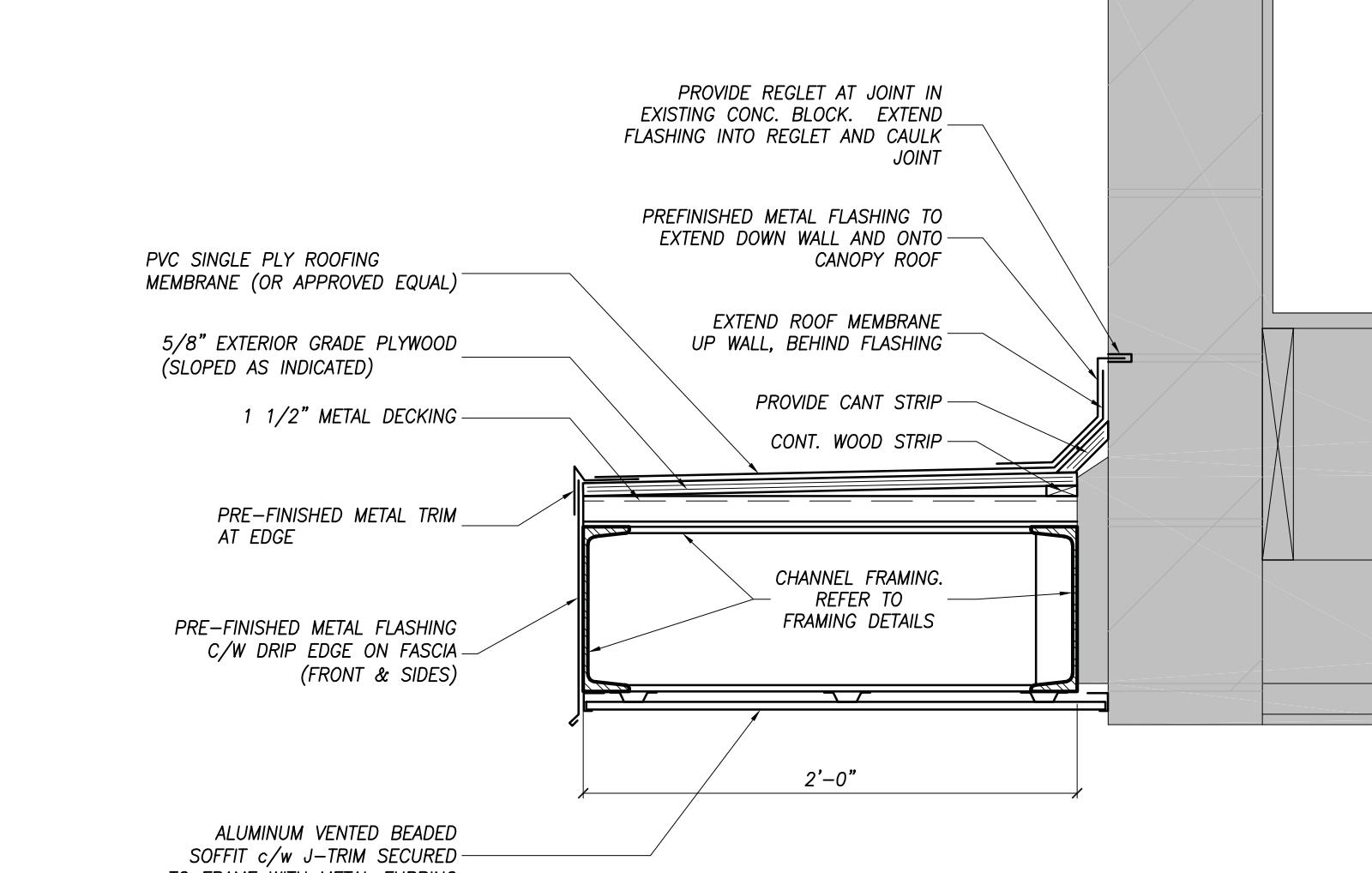
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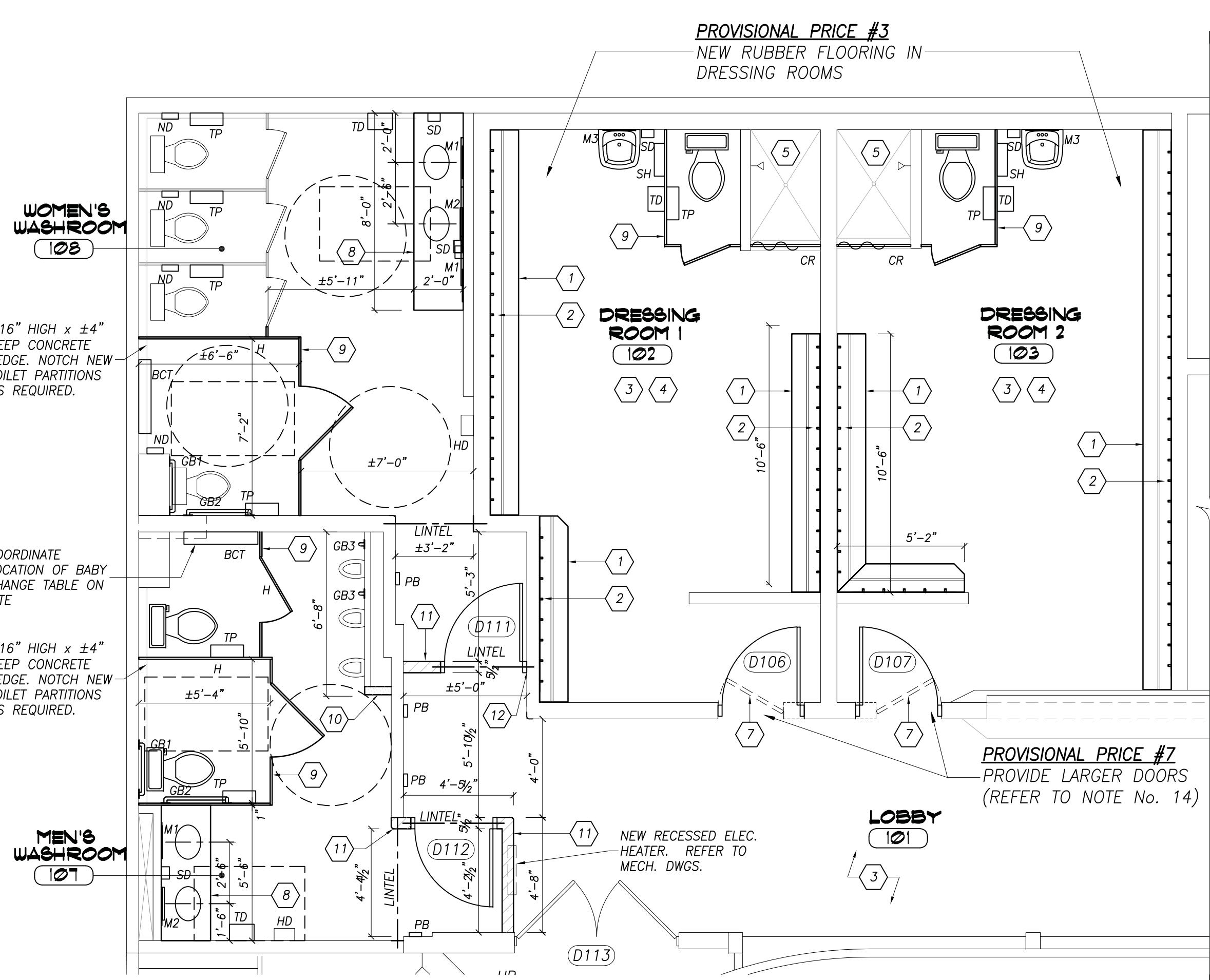
FRAMING SECTION
SCALE: 3/4"=1'-0"



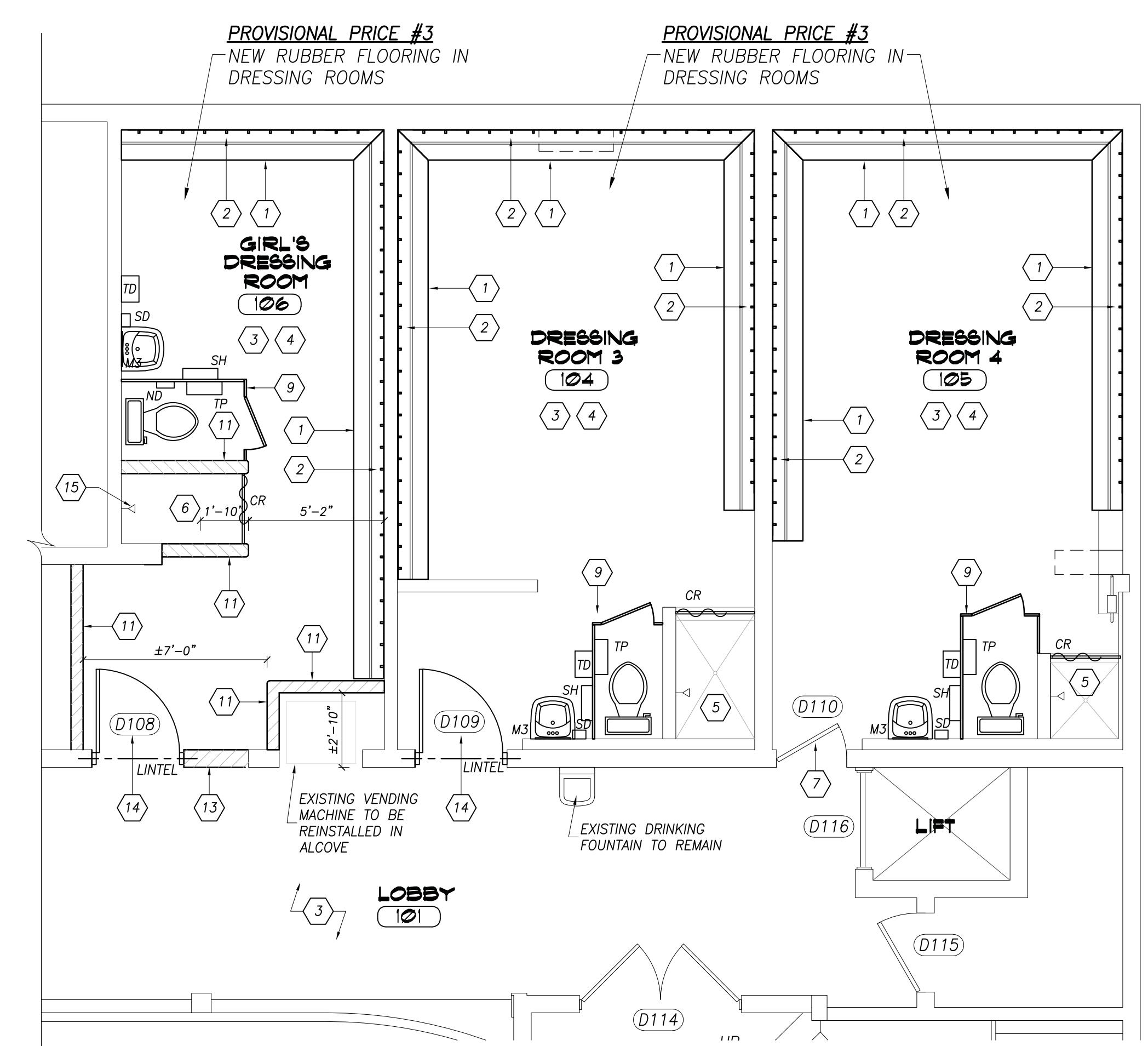
FRAMING PLAN
SCALE: 3/4"=1'-0"



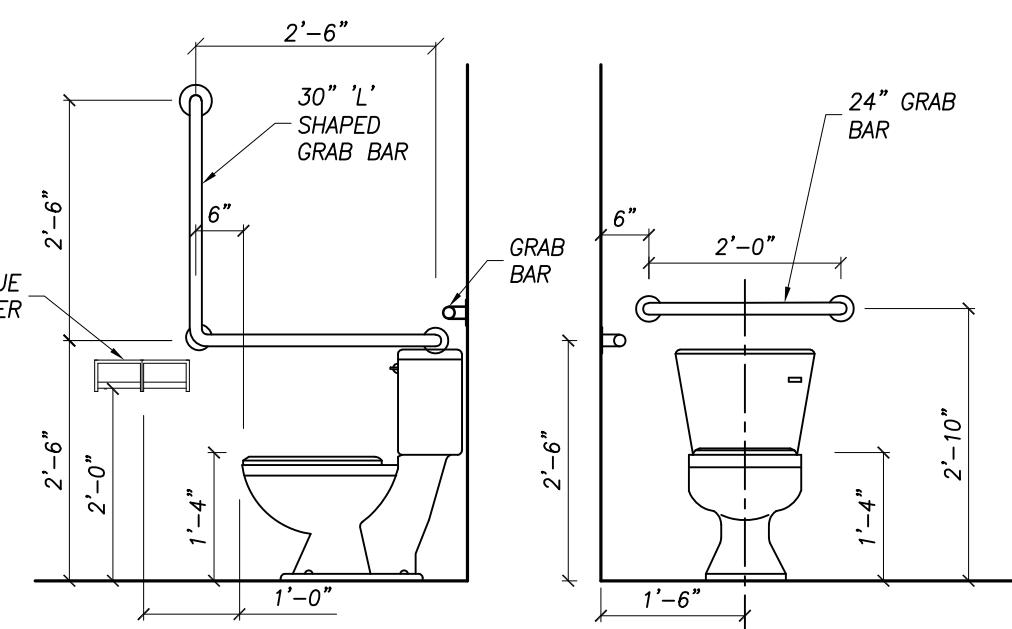
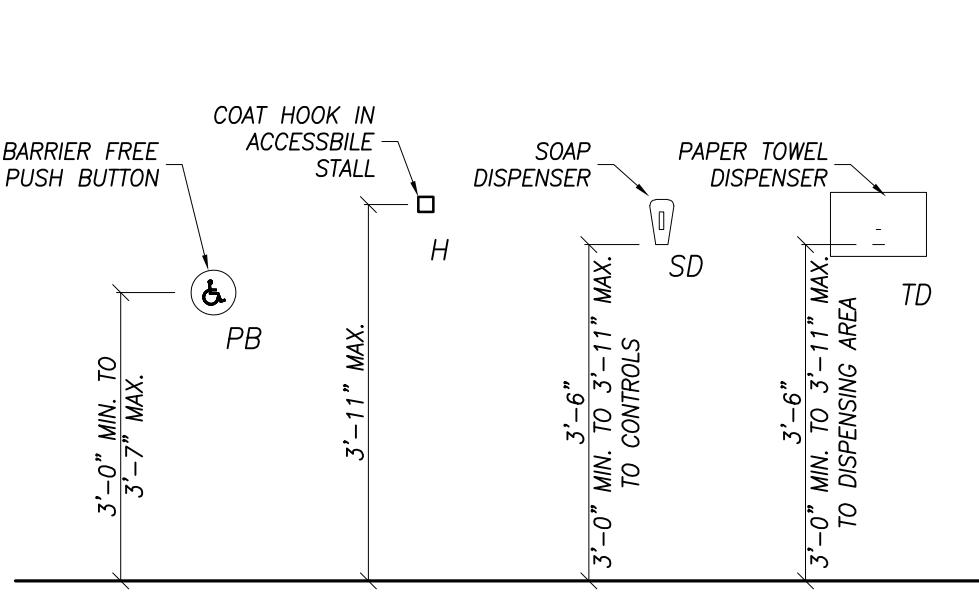
SECTION AT CANOPY
SCALE: 3/4"=1'-0"



ENLARGED WASHROOM & DRESSING ROOM PLAN A
SCALE: 1/4"=1'-0"

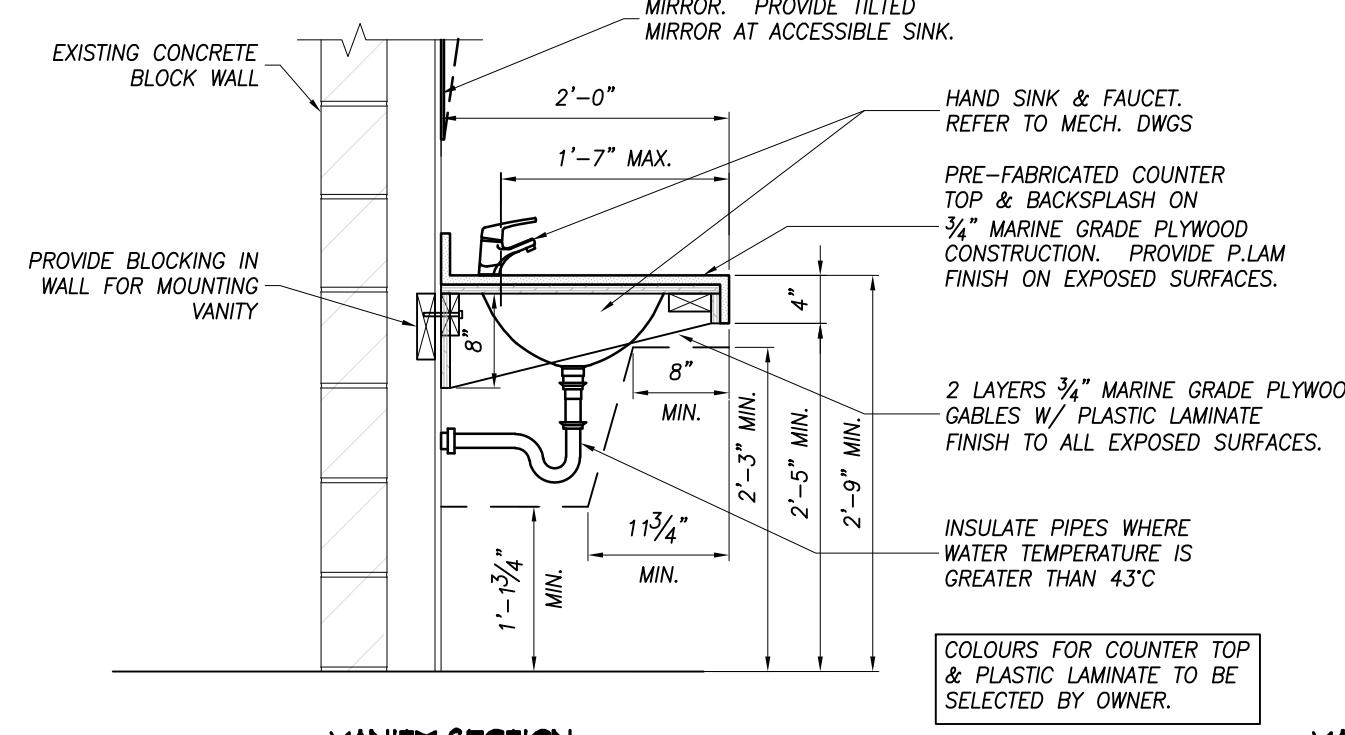


ENLARGED DRESSING ROOM PLAN B
SCALE: 1/4"=1'-0"

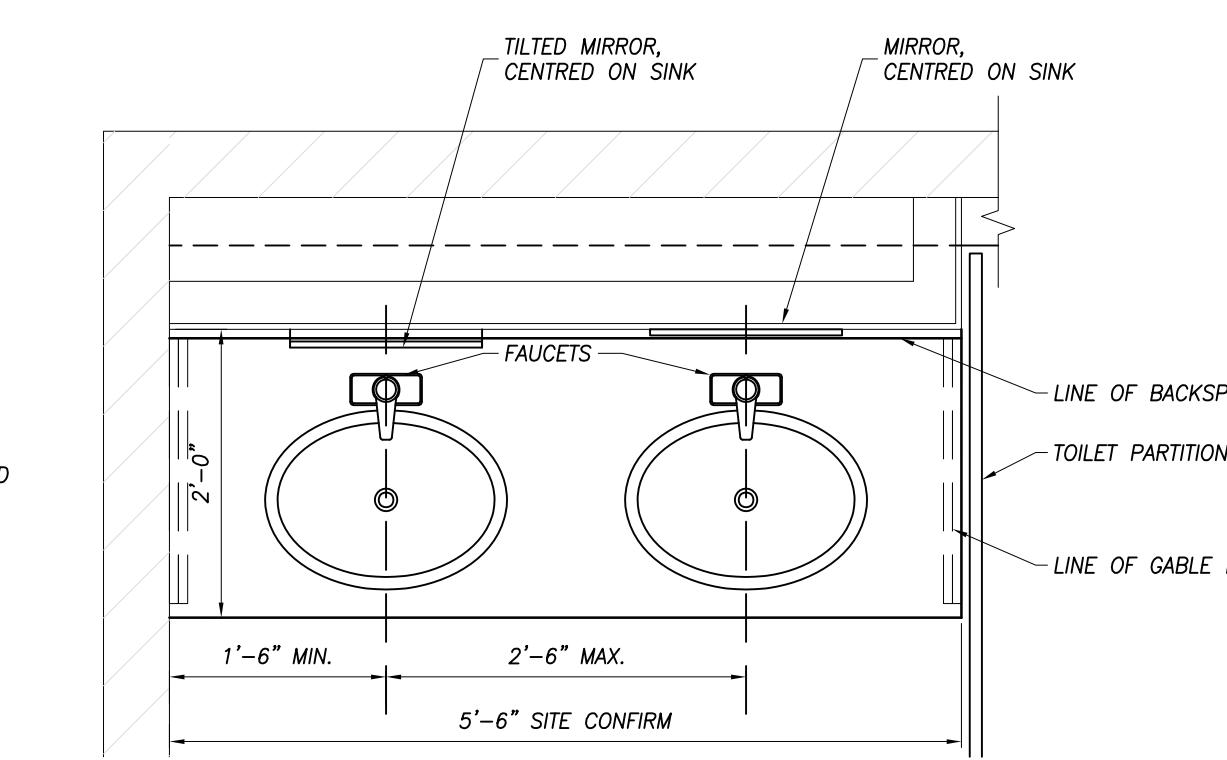


TYPICAL ACCESSORY MOUNTING HEIGHTS
SCALE: 1/2"=1'-0"

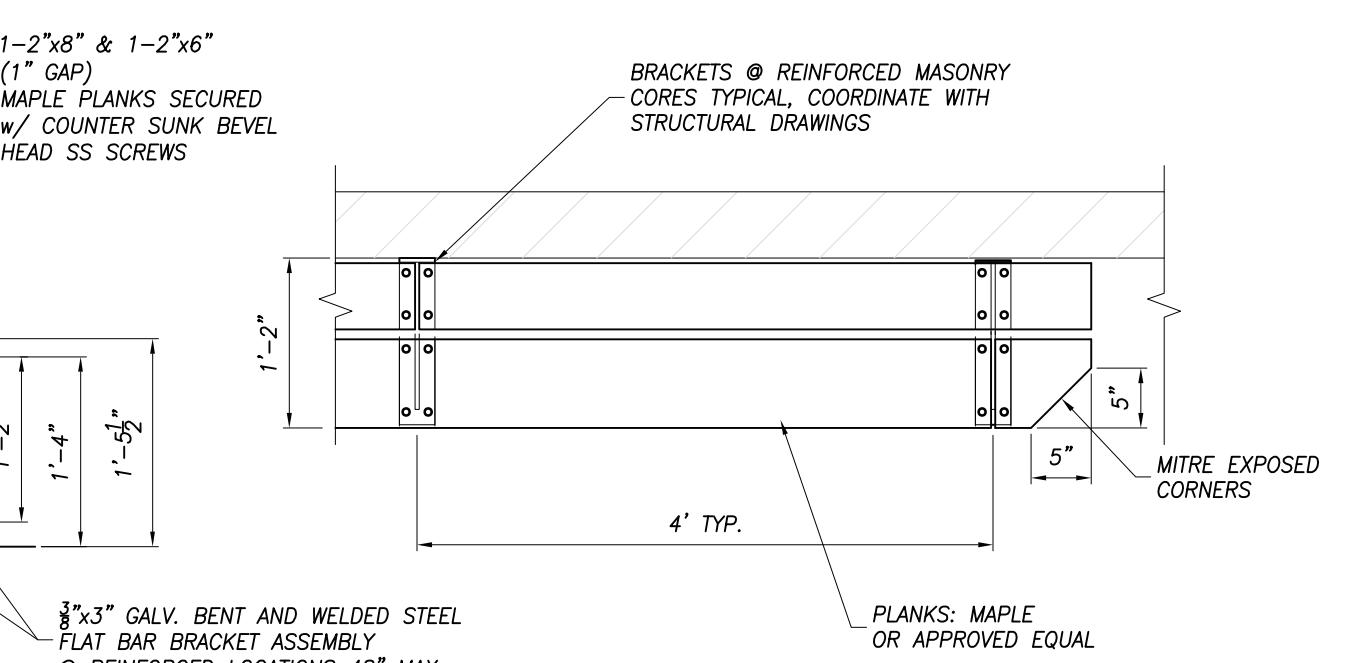
No.	Qty.	Type
BCT	2	BABY CHANGE TABLE
CR	5	CURTAIN ROD & CURTAIN
GB1	2	GRAB BAR - 24" LONG
GB2	2	GRAB BAR - 30" L-SHAPE
GB3	2	GRAB BAR - 24" LONG, VERTICAL
M1	3	MIRROR - 16"x30"
M2	2	MIRROR - 16"x30" TILTED
M3	5	MIRROR - 16"x30" STAINLESS STEEL
H	3	COAT HOOK
HD	2	HAND DRYER
ND	5	SANITARY NAPKIN DISPOSAL
SD	8	SOAP DISPENSER
SH	5	METAL SHELF
TD	7	PAPER TOWEL DISPENSER
TP	11	TOILET PAPER HOLD
WASHROOM ACCESSORIES TO BE SUPPLIED BY OWNER & INSTALLED BY G.C. UNLESS OTHERWISE NOTED.		



VANITY SECTION



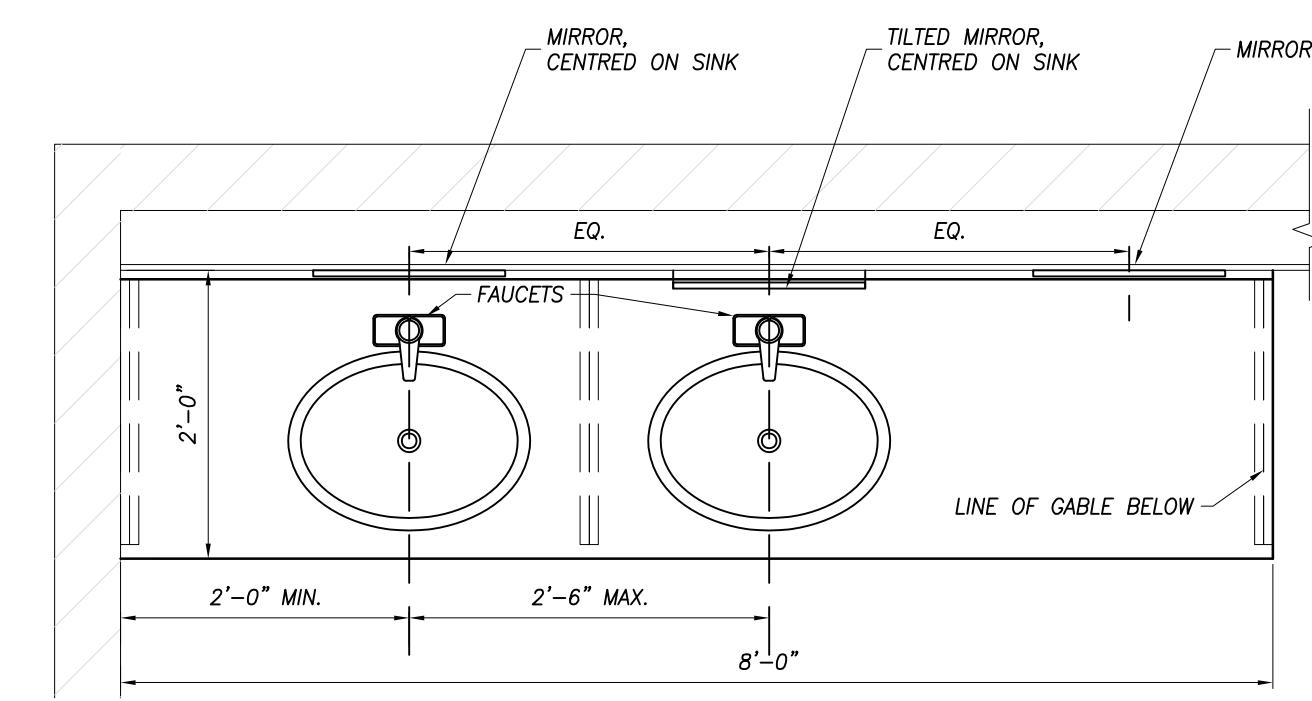
VANITY PLAN - MEN'S WASHROOM



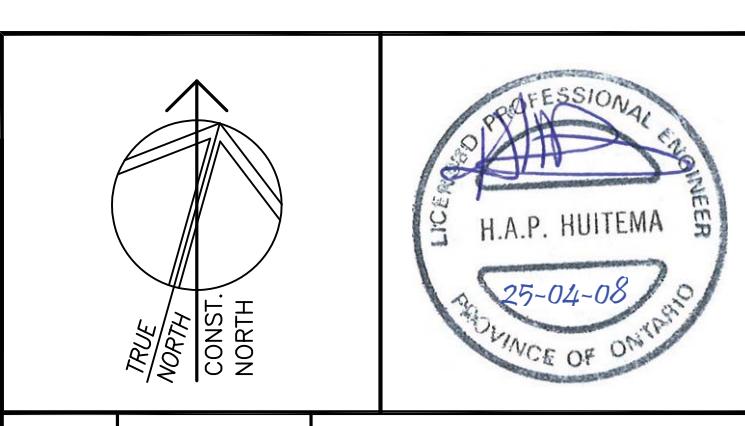
BRACKET SECTION

BRACKET PLAN

DRESSING ROOM BENCH DETAIL
SCALE: 3/4"=1'-0"



VANITY PLAN - WOMEN'S WASHROOM



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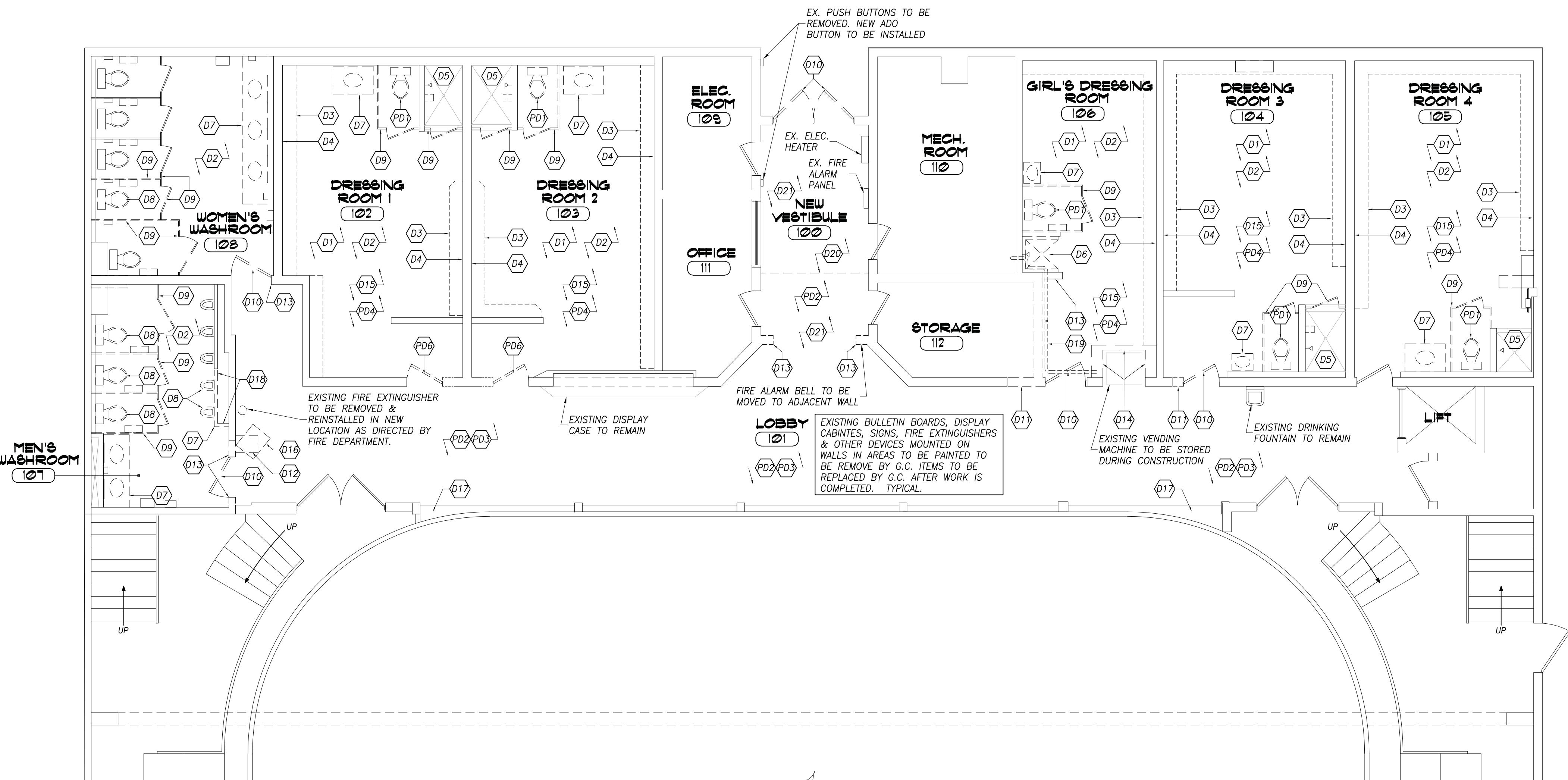
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ENLARGED PLANS & DETAILS

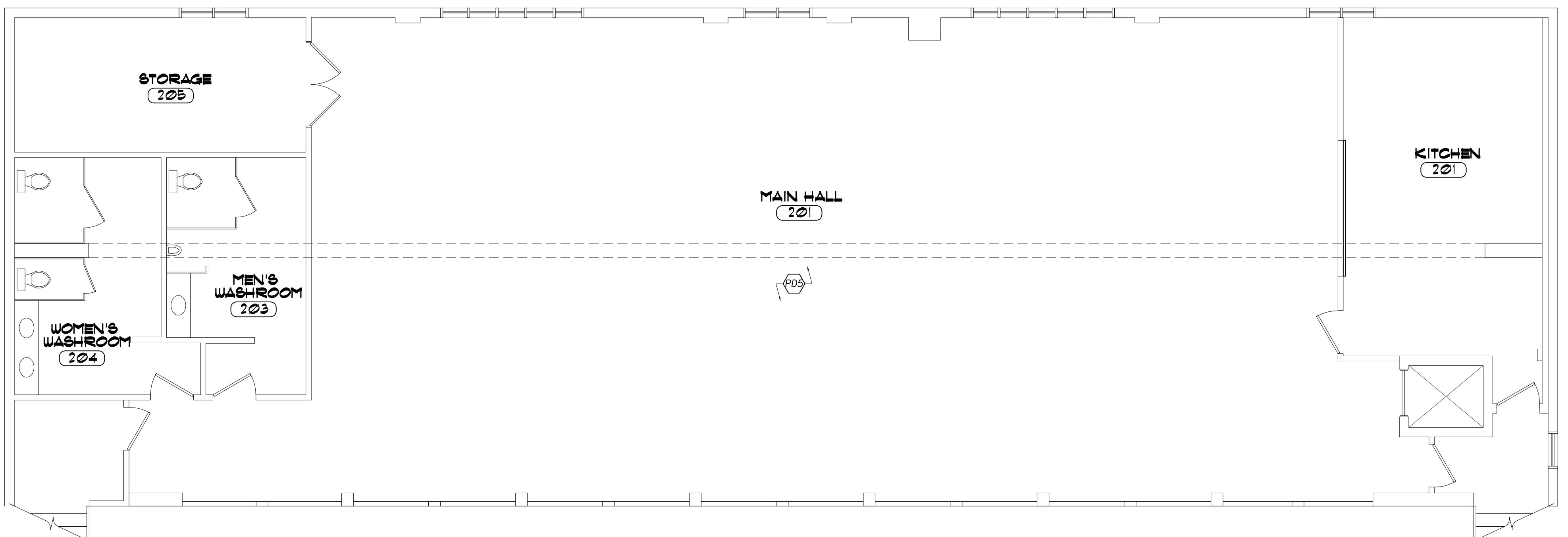
WASHROOM VANITY DETAIL
SCALE: 3/4"=1'-0"

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PROJECT No. 25023	CHECKED BY H.A.P.H.	



**GROUND FLOOR REMOVAL
PLAN**

3/16" = 1'-0"



**SECOND FLOOR REMOVAL
PLAN**

3/16" = 1'-0"

DEMOLITION NOTES

- D1 EXISTING SIGNAGE IN DRESSING ROOMS TO BE REMOVED BY G.C. NEW SIGNAGE SUPPLIED BY OWNER TO BE INSTALLED BY G.C. AFTER PAINTING IS COMPLETE
- D2 REMOVE ALL WASHROOM ACCESSORIES AND TURN OVER TO OWNER. ELECTRICAL HAND DRYERS TO BE STORED & REINSTALLED UNLESS OTHERWISE DIRECTED BY OWNER.
- D3 REMOVE EXISTING BENCHES. REPAIR ANY DAMAGE TO ADJACENT SURFACES.
- D4 REMOVE EXISTING HOOKS & BACK BOARDS. REPAIR ANY DAMAGE TO ADJACENT SURFACES.
- D5 REMOVE EXISTING FLOOR & WALL TILE IN SHOWER STALLS. WHERE THERE IS A BUMP-OUT ADJACENT TO THE SHOWER HEAD, INVESTIGATE PURPOSE OF ENCLOSURE AND DETERMINE IF IT CAN BE REMOVED. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. REPAIR & MAKE GOOD EXISTING SURFACES, READY TO RECEIVE NEW TILE FINISH. NOTE: EXISTING THRESHOLD CAN BE RE-USED IF IN GOOD CONDITION.
- D6 REMOVE EXISTING SHOWER LINER, REPAIR & MAKE GOOD WALLS FOR INSTALLATION OF NEW WALL & FLOOR TILES. EXISTING PLUMBING TO BE REWORKED INTO NEW CONC. BLOCK PARTITION.
- D7 REMOVE EXISTING VANITIES AND/OR SINKS
- D8 REMOVE EXISTING WATER CLOSETS AND URINALS. ELONGATED TOILETS TO BE RE-USED IN BARRIER FREE STALLS IF APPLICABLE (ENSURE O.B.C. REQUIREMENTS ARE MET) REFER TO MECHANICAL DRAWINGS.
- D9 REMOVE EXISTING TOILET PARTITIONS. WHERE TOILET PARTITIONS ARE TO BE RE-USED, REMOVE & STORE PARTITIONS IN A SAFE LOCATION FOR RE-INSTALLATION.
- D10 REMOVE EXISTING DOOR & FRAME. REMOVE AUTOMATIC DOOR OPERATOR AT ENTRANCE (NEW OPERATOR TO BE INSTALLED)
- D11 CUT BACK CONCRETE BLOCK WALL AT NEW DOOR OPENING. REPAIR & MAKE GOOD END OF EXISTING BLOCK, READY TO RECEIVE NEW DOOR FRAME & PAINT FINISH
- D12 REMOVE CONCRETE BLOCK KNEE WALL
- D13 REMOVE CONCRETE BLOCK WALL. REFER TO DWG. A2.1 FOR EXTENT OF WALL TO BE REMOVED AND NEW LINTELS. REPAIR & MAKE GOOD ADJACENT WALL & FLOOR, READY FOR NEW FINISHES. EXPOSED CONCRETE BLOCK TO BE CUT SMOOTH, PAGED OR RE-BUILT AS REQUIRED. AT OUTSIDE CORNERS, PROVIDE A BULLNOSE (REFER TO DWG. A2.1 FOR LOCATIONS).
- D14 REMOVE PARTITION WALLS AT ALCOVE. EXPOSED END OF EXISTING CONCRETE BLOCK TO BE REPAIRED (PAGED OR RE-BUILT) TO PROVIDE A SMOOTH FINISH, READY TO RECEIVE NEW PAINT FINISH.
- D15 REMOVE EXISTING PLYWOOD/OSB CEILING & LIGHT FIXTURES IN DRESSING ROOMS. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- D16 EXISTING SUSPENDED HEATER TO BE REMOVED
- D17 REMOVE TILE FLOORING FROM LEDGE, REPAIR & MAKE CONCRETE, READY TO RECEIVE NEW FLOOR FINISH.
- D18 REMOVE SECTION OF PARTITION WALL BEHIND URINALS. REFER TO ENLARGED PLAN A ON DWG. A4.0 FOR EXTENT OF WALL TO BE REMOVED. CAP/REWORK PLUMBING AS REQUIRED. REFER TO MECHANICAL DRAWINGS. NOTE: SALVAGE WALL FINISH AND RE-INSTALL BOARDS IN GOOD CONDITION ON NEW RETURN.
- D19 EXISTING PLUMBING IN BULKHEAD ABOVE TO BE REWORKED TO ACCOMMODATE NEW LAYOUT. REFER TO REFLECTED CEILING PLAN AND MECHANICAL DRAWINGS
- D20 REMOVE EXISTING FLOOR FINISH IN AREA OF NEW VESTIBULE. REPAIR & MAKE GOOD FLOOR, READY TO RECEIVE NEW FLOOR FINISH. REFER TO FLOOR FINISH PLAN ON DRAWING A5.0, FOR ADDITIONAL INFORMATION
- D21 REMOVE EXISTING PLYWOOD/OSB CEILING IN VESTIBULE AND LOBBY SIDE OF NEW DOORS, TO END OF HALL. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION

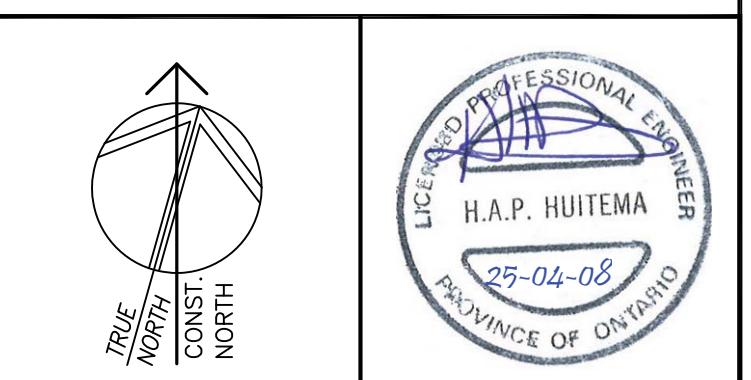
PROVISIONAL DEMOLITION NOTES

- (PD) REMOVE EXISTING WATER CLOSETS IN DRESSING ROOMS.
- (PD) REMOVE EXISTING PLYWOOD/OSB CEILING AT ENTRANCE/LOBBY AREAS. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- (PD) REMOVE EXISTING FLOOR FINISH IN LOBBY AREAS. REPAIR & MAKE GOOD FLOOR, READY TO RECEIVE NEW FLOOR FINISH. REFER TO FLOOR PLAN, DRAWING A2.1, FOR ADDITIONAL INFORMATION
- (PD) REMOVE EXISTING FLOORING IN DRESSING ROOMS. REPAIR & MAKE GOOD EXISTING FLOOR, READY TO RECEIVE NEW FINISHES.
- (PD) REPLACE EXISTING LIGHT FIXTURES IN T-BAR CEILING AT MAIN HALL ON SECOND FLOOR. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- (PD) REMOVE EXISTING DOOR & FRAME. CUT BACK CONCRETE BLOCK WALL FOR NEW WIDER DOOR. REPAIR & MAKE GOOD END OF EXISTING BLOCK, READY TO RECEIVE NEW DOOR FRAME & PAINT FINISH

NOTE: REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL REMOVALS.

GENERAL DEMOLITION NOTES

1. BEFORE COMMENCING WORK ENSURE IN EXAMINATION OF THE SITE THAT ALL POSSIBLE FACTORS CONCERNING THE WORK ARE INVESTIGATED AND THE FOLLOWING ARE KNOWN:
A) METHOD AND MEANS AVAILABLE FOR MATERIAL HANDLING, DISPOSAL, AND STORAGE
B) CONSTRUCTION OF STRUCTURES TO BE DEMOLISHED
C) LOCATION OF UTILITIES AND OTHER SERVICES
2. ARRANGE WITH OWNER AND/OR APPROPRIATE UTILITIES FOR SERVICE SHUT-OFF BEFORE BEGINNING DEMOLITION WORK. COORDINATE SHUT DOWN PERIODS AND SEQUENCE OF WORK WITH OWNER.
3. IDENTIFY ALL EXISTING ITEMS TO BE SALVAGED AND/OR RE-USED WITH OWNER. SUCH ITEMS TO BE REMOVED WITH CARE AND PROTECTED DURING DEMOLITION. RE-INSTALLED OR RETURNED TO OWNER IN UNDAMAGED CONDITION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE OR RESTORE ANY ITEMS DAMAGED DURING THE DEMOLITION AND CONSTRUCTION PERIOD, TO THE OWNER'S SATISFACTION.
4. REMOVE ALL DEMOLISHED MATERIAL OR ITEMS NOT SCHEDULED FOR SALVAGE OR RE-USE.
5. IN NO CASE SHALL SALVAGED MATERIAL BE INCORPORATED INTO THE NEW WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF LOCAL CODES & REGULATIONS.
6. IT IS NOT THE INTENT TO SHOW EVERY PIECE OF ITEM TO BE REMOVED DURING DEMOLITION. MECHANICAL, ELECTRICAL AND OTHER WORK RELATED TO A WALL, CEILING OR AREA SCHEDULED FOR DEMOLITION SHALL BE PERFORMED WHETHER NOTED OR NOT. WHERE EXISTING WALL SUBSTRATES ARE TO BE REMOVED, ALL RELATED MECHANICAL, ELECTRICAL, ALARM/SECURITY CONTROLS, EXIT SIGNS, OUTLETS, ETC. SHALL BE PROTECTED AND WHERE REQUIRED, REMOVED AND REINSTALLED TO FIT FLUSH WITH NEW WALL FINISH.
7. PATCH/REPAIR/REFINISH ALL SURFACED EXPOSED BY DEMOLITION WORK TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES. READY TO RECEIVE NEW FINISHES AS REQUIRED.
8. TERMINATE, CAP AND REMOVE ALL ABANDONED ELECTRICAL CONDUIT, WIRING, OUTLETS, SWITCHES ETC, PLUMBING FIXTURES & PIPING ETC, HVAC DUCTWORK & CONTROLS ETC. AS REQUIRED.
9. IN GENERAL, ANY EQUIPMENT REQUIRED TO BE MOVED IN ORDER TO PERFORM NEW WORK SHALL BE DISCONNECTED, TEMPORARILY STORED AND/OR PROTECTED DURING CONSTRUCTION. REINSTALL AT COMPLETION OF WORK.



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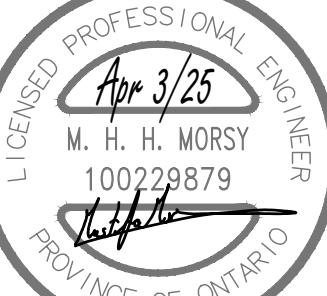
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REMOVAL PLANS

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PLUMBING FIXTURE SCHEDULE

Item	Type	Connection Sizes				Fixture Description	Acceptable Manufacturer	Trim Description	Acceptable Manufacturer	Accessories					
		HW	CW	TW	Drain					Accessory Description					
WC-1	WATER CLOSET FLUSH TANK	1/2		3	1	1/2	AMERICAN STANDARD CADET 2462 016.3481 016 KOHLER WELLWORTH K-3505 MANSFIELD QUANTUM 147-123ZURN Z5530-IN	VITREOUS CHINA, TANK WITH LINER & PRESSURE ASSISTED, SIPHON JET, ELONGATED RIM, METAL CHROME TRIP LEVER, TWO PIECE (TANK & BOWL) CLOSE COUPLED, BOLT CAP, BOTTOM OUTLET, FLOOR-MOUNTED, 12" ROUGH-IN, MIN 2" TRAP WAY, MAXIMUM 6 litres (1.6 gal) PER FLUSH.			SEAT: BEMIS 2155SSCT CENTOCO AM500STCCSS	SEAT: WHITE, ELONGATED, OPEN FRONT WITH COVER, MOLDED SOLID ANTIMICROBIAL PLASTIC, STAINLESS STEEL CHECK HINGES, STAINLESS STEEL OR SOLID BRASS INSERT POST.			
WC-2	BARRIER FREE WATER CLOSET FLUSH TANK, 16" HIGH	1/2		3	1	1/2	AMERICAN STANDARD CADET 2467 016.3483 016 KOHLER HIGHLINE K-3493 MANSFIELD QUANTUM 148-123 ZURN Z5550-IN	BARRIER FREE, 16" TALL TO RIM, VITREOUS CHINA, TANK WITH LINER & PRESSURE ASSISTED, SIPHON JET, ELONGATED RIM, METAL TRIP LEVER TWO PIECE (TANK & BOWL) CLOSE COUPLED, BOLT CAP, BOTTOM OUTLET, FLOOR-MOUNTED, 12" ROUGH-IN, MIN 2" TRAP WAY, MAXIMUM 6 litres (1.6 gal) PER FLUSH. LEFT/RIGHT HANDLED LEVERS TO BE ON THE TRANSFER SPACE SIDE OF WATER CLOSET			SEAT: BEMIS 7850TDG CENTOCO AM820STS	SEAT: WHITE, ELONGATED, OPEN FRONT WITH COVER, MOLDED SOLID ANTIMICROBIAL PLASTIC, STAINLESS STEEL CHECK HINGES, STAINLESS STEEL OR SOLID BRASS INSERT POST.			
U-1	URINAL FLUSH VALVE	3/4		2	1	1/2	AMERICAN STANDARD WASHBROOK 6590.005 KOHLER BARDON K-4904-ET ZURN Z5750	VITREOUS CHINA, WASHOUT TYPE, INTEGRAL FLUSHING RIM, EXTENDED SHIELDS, INTEGRAL TRAP, BACK OUTLET, WALL-MOUNTED, TOP SUPPLY SPUD, MIN 2" TRAP WAY, MAXIMUM 1.9 litres (0.5 gal) PER FLUSH. C/W FLOOR MOUNTED CARRIER	DELTA 81T231 ZURN Z600SAV-EWS SLOAN 186 HEU-0.5	CHROME PLATED, NON-HOLD-OPEN, EXPOSED, DIAPHRAGM, EXTERNALLY ADJUSTABLE, WITH NPS 20 MM (3/4") ANGLE SCREWDRIVER STOP, OSCILLATING HANDLE, WALL AND SPUD FLANGE, VACUUM BREAKER, ULTRA LOW FLUSH CYCLE: SET TO 3.8 LITRES (1.0 GAL)/FLUSH.					
L-1	WALL MOUNTED LAV ELECTRONIC FAUCET	1/2	1/2	1	1/4	1	1/4	AMERICAN STANDARD LUCERNE 355.012 KOHLER BRENTHAM K-1997 ZURN Z5344	WALL-HUNG SINK, VITREOUS CHINA, WITH SPLASH LIP, SUPPLY OPENINGS ON 100 MM (4") CENTRES, OVERFLOW. SIZE: 557 MM X 502 MM (21 15/16" X 19 3/4").	DELTA 591T0220 MOEN COMMERCIAL 8301-AC ZURN Z6915-HW6-XL	HARDWIRED ELECTRONIC FAUCET, CAST BRASS ONE PIECE BODY WITH INTEGRAL WATER PROOF INFRA-RED SENSOR AND CONNECTOR. ADJUSTABLE SENSING RANGE 76mm TO 381mm (3" TO 15") AND TIME OUT 15 TO 75 SECONDS CHROME FINISH. VANDAL RESISTANT AERATOR HAVING INTEGRAL FLOW CONTROL FOR 1.5gpm (5.7 L/MIN) @ 413 KPA (60 PSI) MAX. UNDER COUNTER PLASTIC SURFACE MOUNTED HOUSING FOR SOLENOID AND CONTROLLER. SENSOR ACTIVATES IN PRESENCE OF PERSON'S HANDS IN LAVATORY. C/W PLUG-IN TRANSFORMER.		WASTE FITTING: OPEN GRID STRAINER. PROVIDE FLOOR MOUNTED WALL CARRIER THERMOSTATIC MIXING VALVE UNDER LAV. DELTA R3070-MIXLF, POWERS LM490 OR EQUAL.		
L-2	B.F. COUNTER MOUNTED LAV ELECTRONIC FAUCET	1/2	1/2	1	1/4	1	1/4	AMERICAN STANDARD COLONY 0346 403 KOHLER PENNINGTON K-2196 ZURN Z5110	VITREOUS CHINA SINK, SELF-RIMMING, WITH FRONT OVERFLOW, SOAP DEPRESSIONS, GASKET, SWIVEL CLAMPS, SEMI-OVAL, SUPPLY OPENINGS ON 100 MM (4") CENTRES. SIZES: 521 MM X 440 MM (20 1/2" X 17 5/8") OUTSIDE.	DELTA 591T0230 MOEN COMMERCIAL 8301-AC ZURN Z6915-HW6-XL	HARDWIRED ELECTRONIC FAUCET. CAST BRASS ONE PIECE BODY WITH INTEGRAL WATER PROOF INFRA-RED SENSOR AND CONNECTOR. ADJUSTABLE SENSING RANGE 76mm TO 381mm (3" TO 15") AND TIME OUT 15 TO 75 SECONDS CHROME FINISH. VANDAL RESISTANT AERATOR HAVING INTEGRAL FLOW CONTROL FOR 1.5gpm (5.7 L/MIN) @ 413 KPA (60 PSI) MAX. UNDER COUNTER PLASTIC SURFACE MOUNTED HOUSING FOR SOLENOID AND CONTROLLER. SENSOR ACTIVATES IN PRESENCE OF PERSON'S HANDS IN LAVATORY. C/W PLUG-IN TRANSFORMER.	INSULATION: MCGUIRE PROWRAP PW8902 TRUEBRO LAV GUARD	INSULATION: INSULATE WASTE AND SUPPLIES WITH UL LISTED PREFORMED INSULATION SYSTEM COMPLETE WITH SEAMLESS JACKET. WASTE FITTING: NPS 32 MM (1 1/4") OFFSET WASTE WITH OPEN GRID STRAINER. THERMOSTATIC MIXING VALVE UNDER LAV. DELTA R3070-MIXLF, POWERS LM490 OR EQUAL.		
SV-1	SHOWER SUPPLY VALVE		1/2						CHICAGO FAUCETS 621-CP 770-65PSHCP	PUSH-BUTTON CONCEALED STRAIGHT VALVE SYSTEM W/ ADJUSTABLE SHOWER TIMER. VANDAL RESISTANCE CAST FLOW CONTROL WALL-MOUNTED SHOWERHEAD. PROVIDE ACCESSORIES TO LIMIT MAXIMUM FLOW RATE TO 7.6 LITRES (2.0 GPM)/MINUTE AT 550 KPA (80 PSI).			PROVIDE RECESSED MOUNT BOX, THERMOSTATIC AND PRESSURE BALANCE MIXING VALVES.		
FD-1	FLOOR DRAIN			2	1	1/2	ZURN ZN415B MIFAB F1100-C CONTOUR C2000-R6 WATTS FD-100-C-A	GENERAL DUTY CAST IRON BODY, ADJUSTABLE HEAD, NICKEL BRONZE STRAINER, INTEGRAL SEEPAGE PAN, AND CLAMPING COLLAR. USE SQUARE STRAINER IN TILED AREAS AND ROUND STRAINER ELSEWHERE. C/W TRAP PRIMER. 2" IN SIZE SUITABLE FOR SHOWER FLOOR AREAS.							
FD-2	FLOOR DRAIN			3	1	1/2	ZURN ZN415B MIFAB F1100-C CONTOUR C2000-R6 WATTS FD-100-C-A	GENERAL DUTY CAST IRON BODY, ADJUSTABLE HEAD, NICKEL BRONZE STRAINER, INTEGRAL SEEPAGE PAN, AND CLAMPING COLLAR. USE SQUARE STRAINER IN TILED AREAS AND ROUND STRAINER ELSEWHERE. C/W TRAP PRIMER.							

2. 2025/04/03 ISSUED FOR TENDER	
1. 2025/03/11 ISSUED FOR 100% REVIEW	
No. DATE REVISION	
R E V I S I O N S	
<p>The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.</p> <p>The drawings show general arrangement of services. Follow as closely as possible during construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.</p> <p>The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions.</p> <p>Drawings, specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.</p> <p>Do not scale this drawing.</p> <p>© 2025 DEI Consulting Engineers Inc.</p>	
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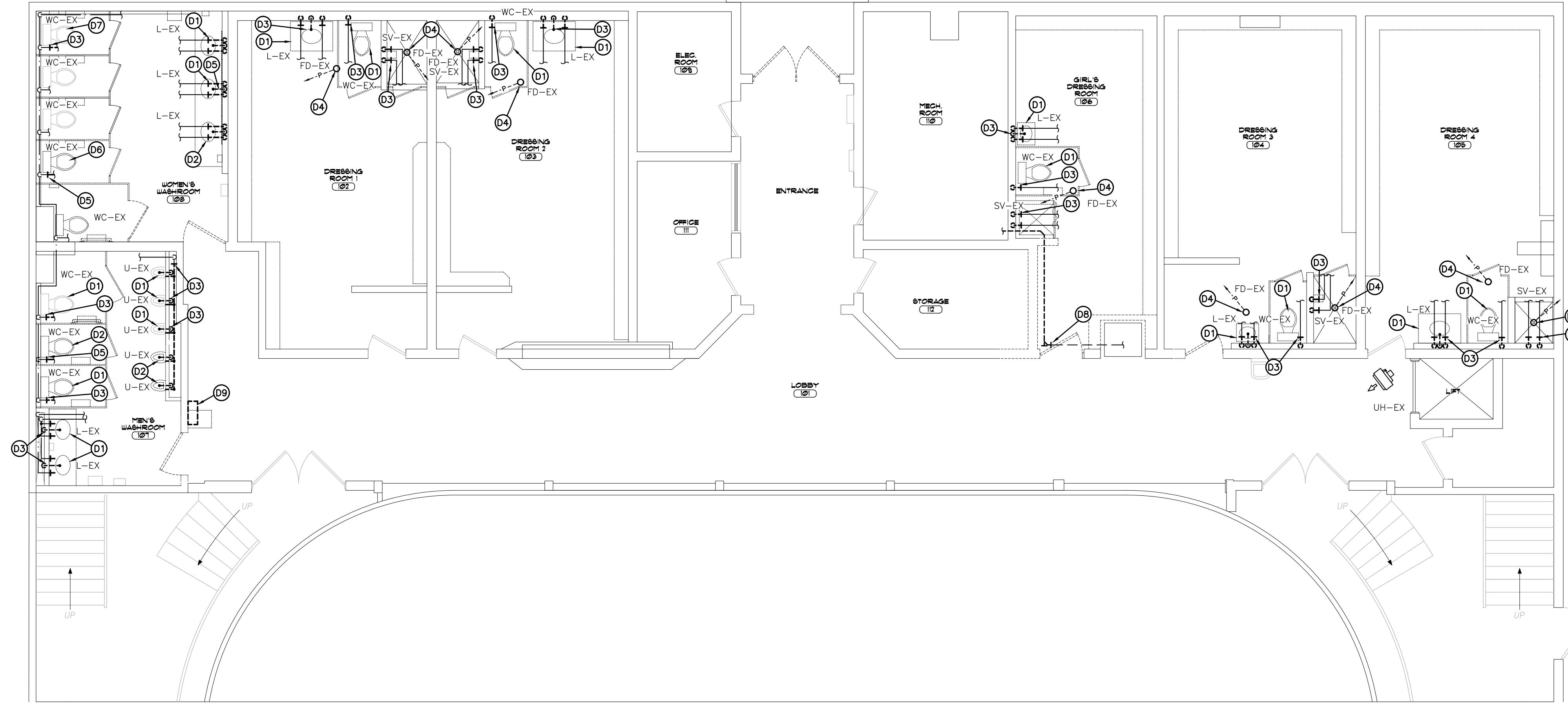
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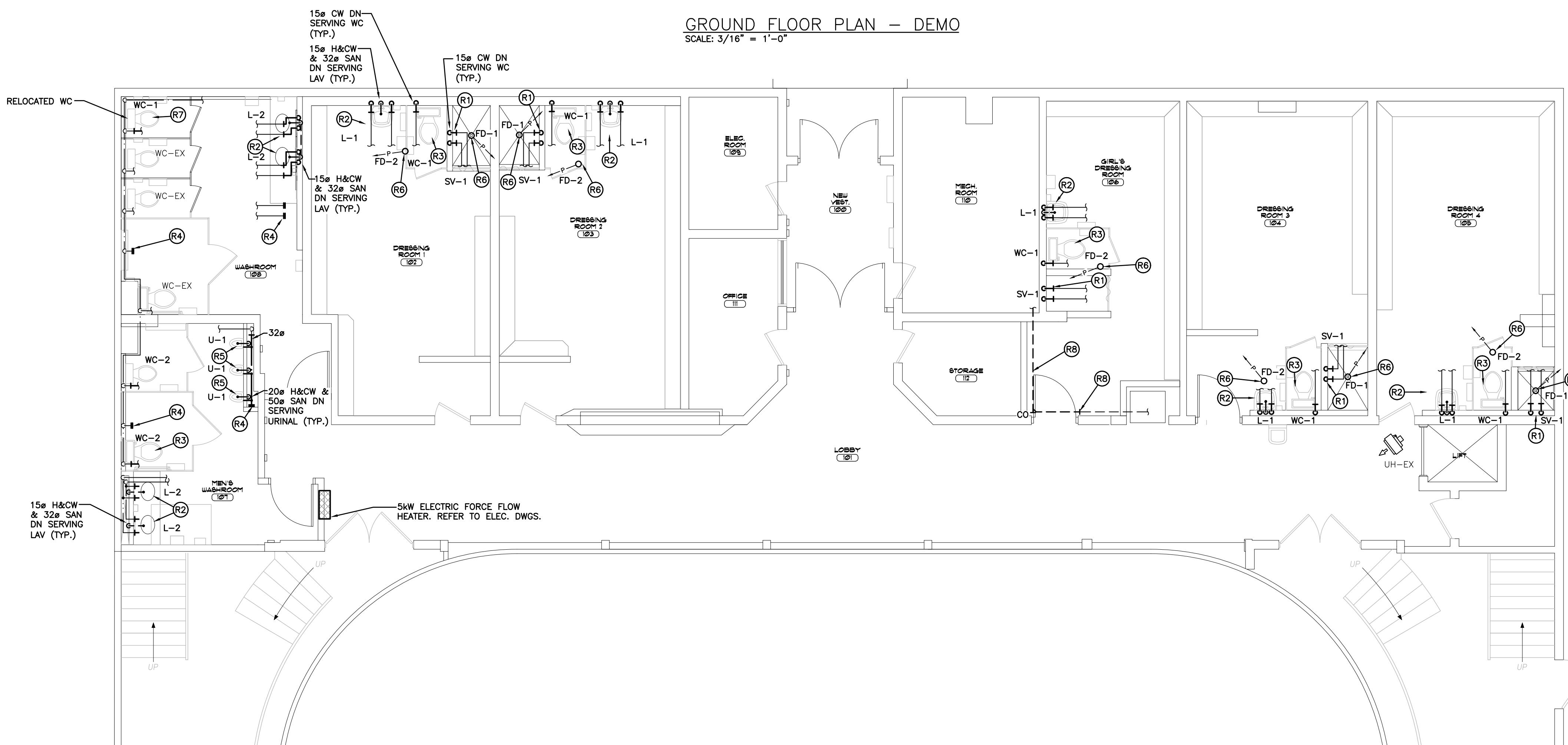
SCHEDULES

DATE	DRAWN BY	DRAWING No.
PROJECT No.	CHECKED BY	M1.02



GROUND FLOOR PLAN - DEMO

SCALE: 3/16" = 1'-0"



GROUND FLOOR PLAN - RENO

SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES

- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- B. EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.
- C. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL LOCATIONS AND SIZES OF ALL SERVICES & EQUIPMENT PRIOR TO THE COMMENCEMENT OF WORK.
- D. ALL OPENINGS THAT RESULT FROM THE REMOVAL OF EQUIPMENT OR SERVICES SHALL BE NEATLY PATCHED WITH SUITABLE NEW MATERIALS TO SUIT EXISTING CONSTRUCTION.
- E. PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- F. REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- G. MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- H. INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.
- I. THIS CONTRACTOR IS TO REMOVE & REPLACE CEILINGS AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.

SPECIFIC DEMOLITION NOTES

- D1. EXISTING FIXTURE UNIT TO BE REMOVED COMPLETE & REPLACED WITH NEW. PREPARE FOR NEW CONNECTION.
- D2. EXISTING FIXTURE UNIT TO BE REMOVED COMPLETE. REMOVE/SEAL ALL ASSOCIATED PIPING.
- D3. CUT EXISTING DOMESTIC AND/OR SANITARY PIPING AND PREPARE FOR NEW CONNECTION.
- D4. EXISTING FLOOR DRAIN TO BE REMOVED COMPLETE AND REPLACED WITH NEW.
- D5. CUT & CAP EXISTING DOMESTIC AND/OR SANITARY PIPING.
- D6. EXISTING WC TO BE REMOVED AND RELOCATED. REFER TO RENO DRAWINGS FOR LOCATIONS.
- D7. EXISTING WC TO BE REMOVED COMPLETE & REPLACED WITH THE RELOCATED WC.
- D8. CUT & REROUTE EXISTING PLUMBING PIPING THROUGH NEW BULKHEADS.
- D9. EXITING HEATER TO BE REMOVED COMPLETE.

2.	2025/04/03	ISSUED FOR TENDER
1.	2025/03/11	ISSUED FOR 100% REVIEW
No. DATE REVISION		
R E V I S I O N S		

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The drawings show general arrangement of services. Follow as closely as possible during construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.
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GENERAL RENOVATION NOTES

- CONTRACTOR TO PROVIDE NEW FIRESTOP CAULKING AT ALL EXISTING PIPE PENETRATIONS THRU BOILER ROOM WALLS. QUANTITY & PIPE SIZE TO BE DETERMINED ON SITE.
- PIPE INSULATION IS TO BE INSTALLED AT ALL EXISTING PIPE ELBOWS, FITTINGS, ETC. WHERE ABATEMENT REMOVED THE INSULATION AND WHERE EXISTING PIPE ELBOWS, FITTINGS, ETC. ARE REMAINING AS PRESENTLY INSTALLED. CONTRACTOR TO REVIEW ON SITE FOR QUANTITY & SIZES.
- CONTRACTOR TO LOCATE ISOLATION VALVES AND DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED. FLUSHING, CLEANING, & REFILL WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

SPECIFIC RENOVATION NOTES

- R1. PROVIDE NEW SHOWER AND CONNECT TO EXISTING H&C WATER CONNECTION.
- R2. PROVIDE NEW LAV AND CONNECT TO EXISTING H&C WATER CONNECTION.
- R3. REPLACE EXISTING WATER CLOSET WITH NEW. REUSE EXISTING PLUMBING CONNECTIONS IN PLACE.
- R4. CAP EXISTING DOMESTIC PIPING.
- R5. REPLACE EXISTING URINAL WITH NEW. CONNECT TO NEW PLUMBING CONNECTIONS.
- R6. REPLACE EXISTING FLOOR DRAIN WITH NEW TO SUIT NEW FLOORING. REUSE EXISTING SAN CONNECTION IN PLACE.
- R7. REPLACE EXISTING WATER CLOSET WITH THE RELOCATED WC. REUSE EXISTING PLUMBING CONNECTIONS IN PLACE.
- R8. CONNECT TO EXISTING PIPING AND REROUTE THOUGH NEW BULKHEAD. MAINTAIN SIMILAR PIPE SIZING.



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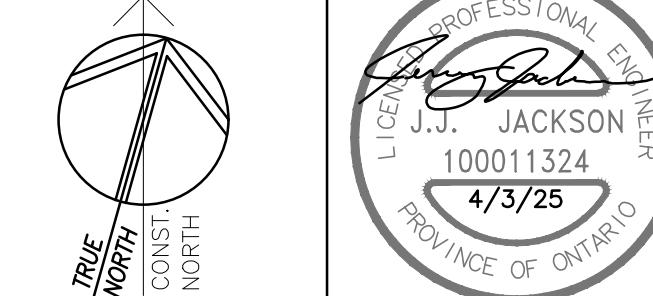
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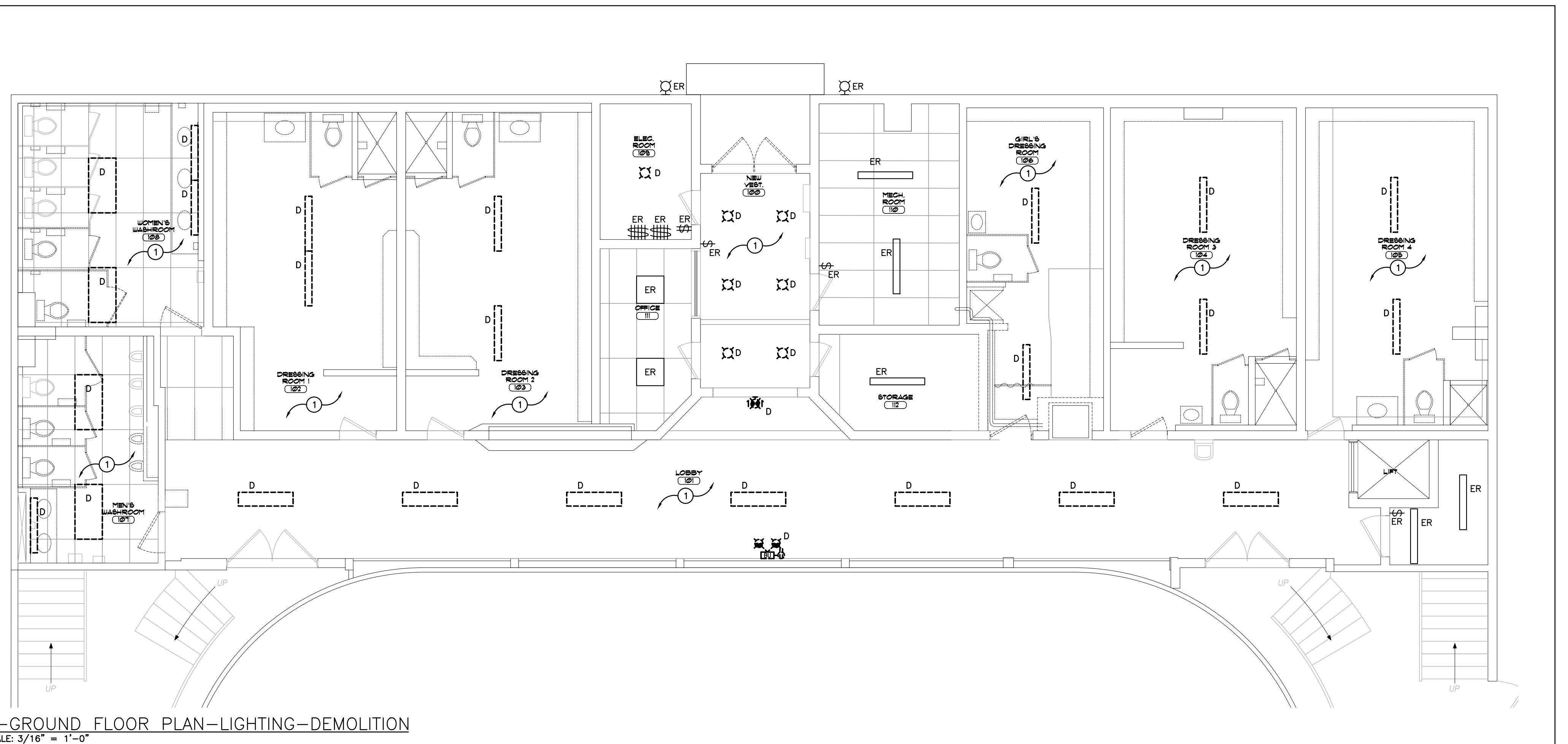
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MECHANICAL DEMOLITION &
RENOVATION PLANS

DATE	DRAWN BY	DRAWING No.
PROJECT No.	CHECKED BY	M2.01

<p>LIGHTING SYSTEMS</p> <p>FIXTURES ARE TO BE PROVIDED AS NOTED IN THE LIGHT FIXTURE SCHEDULE C/W THE FOLLOWING FEATURES:</p> <ul style="list-style-type: none"> .1 LED <ul style="list-style-type: none"> .1 FIXTURE LED'S MUST BE TESTED IN CONFORMANCE WITH IESNA LM80 STANDARD. .2 LUMENS MUST BE SELECTED USING A COLORIMETRIC ALGORITHM TO ENSURE COLOUR AND LUMEN OUTPUT OF A GIVEN FIXTURE ARE CONSISTENT, AS WELL AS MEET OR SURPASS ANSI C78.377 SPECIFICATION FOR THE RATED LIFETIME OF THE FIXTURE. COLOUR ACCURACY BETWEEN PRODUCTS MUST BE WITHIN A 2-STEP MACADAM ELLIPSE. .3 LUMINAIRES MUST BE TESTED TO IESNA LM79 BY AN INDEPENDENT APPROVED LABORATORY. .4 LUMINAIRES MUST BE TESTED PRIOR TO SHIPPING. .5 LUMINAIRES MUST BE ULC CERTIFIED AND APPROVED FOR USE IN CANADA. .6 FIXTURES MUST MAINTAIN A MINIMUM OF 90% OF THEIR INITIAL LIGHT OUTPUT FOR 60,000 HOURS. SUBMIT TEST RESULTS UPON REQUEST. .7 LUMEN VALUES INDICATED FOR FIXTURES IN THE PROJECT DOCUMENTS ARE TO BE CONSIDERED AS "ABSOLUTE" OR "UNCOVERED" VALUES. .8 OTHER THAN FOR SPECIALTY FIXTURES, AND UNLESS OTHERWISE INDICATED, THE MAXIMUM DRIVER CURRENT IS TO BE 750 MA. .2 STANDARD EXIT LIGHTING UNITS <ul style="list-style-type: none"> .1 EXIT LIGHTING UNITS MUST CONFORM TO CSA C22.2 NO. 141 (LATEST EDITION AND CSA C860). .2 LAMPS: LED 2W .3 OPERATION: 25 YEARS .4 UNITS ARE TO BE PROVIDED WITH THREE (3) PICTOGRAM LEGENDS INDICATING "LEFT FROM HERE", "STRAIGHT FROM HERE", AND "RIGHT FROM HERE". .3 SELF-POWERED EXIT LIGHTING UNITS <ul style="list-style-type: none"> .1 EXIT LIGHTING MUST CONFORM TO CSA C22.2 NO. 141 (LATEST EDITION OR CSA C860). .2 LAMPS: LED 2W .3 OPERATION: 25 YEARS LIFE .4 UNITS ARE TO BE PROVIDED WITH THREE (3) PICTOGRAM LEGENDS INDICATING "LEFT FROM HERE", "STRAIGHT FROM HERE", AND "RIGHT FROM HERE". .5 SUPPLY VOLTAGE: 120 VOLT, AC. .6 OUTPUT VOLTAGE: 12 VOLT, DC. .7 BATTERY: SEALED MAINTENANCE FREE, 10 YEAR LIFE. NOTE: BATTERY MUST BE CAPABLE OF SUPPLYING THE WATTAGE INDICATED FOR A MINIMUM OF 30 MINUTES. .8 SIGNAL LIGHTS: "AC POWER ON" CONDITION AND "CHARGING" CONDITION. .9 LAMP HEADS: INTEGRAL ON UNIT, 345° HORIZONTAL AND 180° VERTICAL ADJUSTMENT. LAMP TYPE: MINIMUM 4W LED. .10 CABINET: FINISH: WHITE. .11 AUXILIARY EQUIPMENT: TEST SWITCH. .4 EMERGENCY LIGHTING UNITS <ul style="list-style-type: none"> .1 MUST CONFORM TO CSA C22.2 NO. 141 (LATEST EDITION). .2 SUPPLY VOLTAGE: 120 VOLT, AC. .3 OUTPUT VOLTAGE: 12 VOLT, DC. .4 BATTERY: SEALED UNITS MUST BE CAPABLE OF SUPPLYING THE WATTAGE INDICATED FOR A MINIMUM OF 30 MINUTES. .5 SIGNAL LIGHTS: "AC POWER ON" CONDITION AND "CHARGING" CONDITION. .6 LAMP HEADS: INTEGRAL ON UNIT, 345° HORIZONTAL AND 180° VERTICAL ADJUSTMENT. LAMP TYPE: MINIMUM 4W LED. .7 AUXILIARY EQUIPMENT: <ul style="list-style-type: none"> .1 TEST SWITCH .2 AC INPUT AND DC OUTPUT TERMINAL BLOCKS INSIDE CABINET. .3 SHELF .4 CORD AND PLUG CONNECTION FOR AC. .8 REMOTE EMERGENCY LIGHTING FIXTURES <ul style="list-style-type: none"> .1 REMOTE EMERGENCY LIGHTING FIXTURES MUST CONFORM TO CSA C22.2 NO. 141 (LATEST EDITION). .2 FIXTURES SHALL BE SMALL "MICRO" SIZE WITH WHITE FINISH. .3 FIXTURES MUST BE ADJUSTABLE TYPE HEADS WITH CANOPY. .4 UNLESS OTHERWISE INDICATED SURFACE MOUNTED FIXTURES IN WASHROOMS, LOCKER ROOMS, CHANGE ROOMS AND GYMNASIUMS MUST BE PROVIDED WITH WIRE GUARD. .9 FIXTURE INSTALLATION <ul style="list-style-type: none"> .1 LOCATE AND INSTALL LUMINAIRES AS INDICATED. .2 FIXTURE SURFACE MOUNTED TO SUSPENDED CEILINGS MUST BE SECURED THROUGH CEILING ASSEMBLY TO CROSS MEMBER SUPPORTS. THESE SUPPORTS ARE TO BE STEEL CHANNELS OR ANGLES INDEPENDENTLY SECURED TO STRUCTURE USING #12 "JACK" CHAIN. EACH CHAIN MUST BE SECURED SO NO FIXTURE WEIGHT IS ADDED TO THE CEILING ASSEMBLY. .3 PLASTER FRAMES/FLANGE KITS MUST BE PROVIDED BY THIS DIVISION FOR FIXTURES RECESSED IN PLASTER AND/OR DRYWALL CEILINGS. .4 WHERE SPECIFIED, FIXTURES TO BE CHAIN HUNG SHALL BE HUNG USING "JACK" CHAIN WITH A CAPACITY TO SUIT THE FIXTURE WEIGHT. BRANCH CIRCUIT WIRING FEEDING THESE FIXTURES SHALL BE AC90 CABLE "TY-WRAPPED" AT 36" (900mm) INTERVALS ALONG LENGTH OF DROP. FINAL APPEARANCE MUST BE NEAT AND PROFESSIONAL. .5 INSTALL EXIT LIGHTING UNITS AS INDICATED WITH ILLUMINATED FACES AND CHEVRONS/ARROWS INDICATING PATH(S) OF EXIT. .6 INSTALL EMERGENCY LIGHTING UNITS AND ASSOCIATED REMOTE MOUNTED FIXTURES AS INDICATED. .7 DIRECT "HEADS" ON UNITS AND REMOTE MOUNTED FIXTURES TO ILLUMINATE PATH(S) OF EXIT. .8 INSTALL EMERGENCY LIGHTING UNITS AND REMOTE FIXTURES AT 8' (2400mm) ABOVE FINISHED FLOOR UNLESS INDICATED OTHERWISE. .9 PROVIDE A 15A 120V DUPLEX RECEPTACLE (CONNECT TO CIRCUIT INDICATED) ADJACENT TO UNIT. .10 CONNECT LUMINAIRES TO LIGHTING CIRCUITS AS INDICATED. .11 CONNECT EXIT FIXTURES TO EXIT LIGHTING CIRCUITS AND UNIT EQUIPMENT (IF APPLICABLE). .12 CONNECT UNIT EQUIPMENT TO CIRCUITS AS INDICATED. .13 ALL WIRING OF REMOTE EMERGENCY FIXTURES SHALL BE MINIMUM #10 T90 FOR EACH CIRCUIT AND RUN IN CONDUIT. WIRING MUST BE SIZED IN CONFORMANCE WITH MANUFACTURERS' RECOMMENDATIONS FOR DISTANCE REQUIRED. .14 ALIGN LUMINAIRES MOUNTED IN CONTINUOUS ROWS TO FORM STRAIGHT UNINTERRUPTED LINES. .15 ALIGN LUMINAIRES MOUNTED INDIVIDUALLY PARALLEL OR PERPENDICULAR TO BUILDING GRID LINES. .16 ALL LIGHTING BRANCH CIRCUITS ARE TO BE PROVIDED WITH SEPARATE NEUTRALS. .7 GUARANTEE <ul style="list-style-type: none"> .1 ALL LED FIXTURES AND DRIVERS ARE TO BE COMPLETE WITH A 5 YEAR GUARANTEE. .2 THE LABOUR REQUIRED TO REPLACE THESE DRIVERS MUST BE INCLUDED IN THE ABOVE GUARANTEE .8 TESTING/CERTIFICATION <ul style="list-style-type: none"> .1 AT THE COMPLETION OF THE PROJECT AND IN THE PRESENCE OF THE CONSULTANT, TEST ALL EXIT AND EMERGENCY FIXTURES, ON COMPANY LETTERHEAD, THE CONTRACTOR IS TO PREPARE A CHART INDICATING: <ul style="list-style-type: none"> - PROJECT - DATE - EQUIPMENT TYPE - CERTIFICATION OF CORRECT CONNECTION - CERTIFICATION OF CORRECT OPERATION - DURATION OF TEST IN MINUTES (MINIMUM 30) - ACTUAL PERIOD OF TESTING (TIME OF DAY) .2 THIRD PARTY FUNCTIONAL TESTING <ul style="list-style-type: none"> .1 AT THE COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE COMMISSIONED BY A MANUFACTURER'S FACTORY AUTHORIZED THIRD PARTY REPRESENTATIVE WHO SHALL PROVIDE FUNCTIONAL TESTING AND DOCUMENTATION CONFORMING TO THE REQUIREMENTS OF ASHRAE 9.4.4. FUNCTIONAL THIRD PARTY TESTING SHALL INCLUDE LINE VOLTAGE OCCUPANCY SENSORS AND DIGITAL ROOM CONTROL SYSTEMS. ALL COSTS SHALL BE INCLUDED IN THE CONTRACT. 	<p>FUSES</p> <p>CANADIAN STANDARDS ASSOCIATION (CSA)</p> <ul style="list-style-type: none"> .1 CSA C22.2 NO.248.12/94, LOW VOLTAGE FUSES PART 12: CLASS R (BI-NATIONAL STANDARD WITH, UL 248-12 (1ST EDITION). .2 CSA C22.2 NO. 106-M92 (LATEST EDITION). <p>Maintenance Material</p> <ul style="list-style-type: none"> .1 THREE SPARE FUSES OF EACH TYPE AND SIZE INSTALLED. <p>Delivery and Storage</p> <ul style="list-style-type: none"> .1 SHIP FUSES IN ORIGINAL CONTAINERS. .2 STORE FUSES IN ORIGINAL CONTAINERS IN MOISTURE FREE LOCATION. <p>Products</p> <ul style="list-style-type: none"> .1 FUSES: PRODUCT OF ONE MANUFACTURER FOR ENTIRE PROJECT. .2 FUSES SPECIFIED BELOW MUST CONFORM TO CSA C22.2 NO. 106 (LATEST EDITION). FUSES CONFORMING TO STANDARD C22.2 NO. 106-1953 WILL BE REJECTED. .3 FUSES MUST PROVIDE A FULLY CO-ORDINATED SYSTEM FOR BOTH OVERLOAD AND FAULT CONDITIONS. <p>Class J Fuses (Formerly HRCI-J)</p> <ul style="list-style-type: none"> .1 TIME DELAY, CAPABLE OF CARRYING 500% OF ITS RATED CURRENT FOR 10 S MINIMUM. .2 FAST ACTING AS NOTED. <p>Class R Fuses (Formerly HRCI-R)</p> <ul style="list-style-type: none"> .3 CLASS R FUSES (Formerly HRCI-R). FOR UL CLASS RK1 FUSES, PEAK LET-THROUGH CURRENT AND \bar{I}_T VALUES NOT TO EXCEED LIMITS OF UL 198E-1982, TABLE 10.2. <p>Acceptable Products</p> <ul style="list-style-type: none"> .1 MOTOR PROTECTION: <ul style="list-style-type: none"> .1 1-600 A: MERSEN TYPE AJT .2 OTHER ACCEPTABLE MANUFACTURERS: <ul style="list-style-type: none"> .1 GEC .2 LITTLE FUSE <p>Installation</p> <ul style="list-style-type: none"> .1 INSTALL FUSES IN MOUNTING DEVICES IMMEDIATELY BEFORE ENERGIZING CIRCUIT. .2 ENSURE CORRECT FUSES FITTED TO PHYSICALLY MATCHED MOUNTING DEVICES. .3 INSTALL CLASS R REJECTION CLIPS FOR HRCI-R FUSES. .4 ENSURE CORRECT FUSES FITTED TO ASSIGNED ELECTRICAL CIRCUIT. <p>FIRE ALARM SYSTEMS</p> <ul style="list-style-type: none"> .1 INSTALLATION OF FIRE ALARM DEVICES MUST CONFORM TO ULC-S524 (LATEST EDITION). .2 ALL WIRING MUST BE COLOUR CODED, SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND CONFORM TO THE LATEST EDITION OF THE ELECTRICAL SAFETY CODE. .3 ALL NEW FIRE ALARM DETECTION AND SIGNALING DEVICES ADDED DUE TO RENOVATIONS AND ADDITIONS SHALL BE CONNECTED TO EXISTING LOCAL ZONE OR NEW ZONE AS INDICATED. .4 ONCE INSTALLATION IS COMPLETE THE MANUFACTURER'S REPRESENTATIVE MUST MAKE AN INSPECTION OF THE DEVICES INSTALLED. .5 THIS TEST MUST CONFORM TO THE ONTARIO BUILDING CODE AND THE LATEST EDITION OF ULC CAN4-S537. .6 ALL COSTS ASSOCIATED WITH THIS INSPECTION BY THE CONTRACTOR AND MANUFACTURER MUST BE CARRIED IN THE TENDER PRICE. .7 UPON SUCCESSFUL COMPLETION OF TESTING THE MANUFACTURER MUST SUBMIT TO THE CONTRACTOR AND CONSULTANT: <ul style="list-style-type: none"> - A CERTIFICATE OF VERIFICATION - FIELD TECHNICIAN VERIFICATION SHEETS FOR EACH DEVICE VERIFIED (INCLUDE COPIES OF SAME IN MAINTENANCE MANUALS) .8 AUDIBILITY TESTING: <ul style="list-style-type: none"> .1 THE CONTRACTOR IS TO COORDINATE AN AUDIBILITY TEST PRIOR TO OCCUPANCY OF THE FACILITY. THE TEST IS TO BE PERFORMED BY THE REPRESENTATIVES OF THE FIRE ALARM MANUFACTURER IN THE PRESENCE OF THE CONSULTANT. THE TEST REPORT IS TO BE IN CHART FORM AS FOLLOWS: <ul style="list-style-type: none"> .1 PROJECT .2 DATE OF TEST .3 ROOM NAME AND NUMBER .4 AMBIENT DB LEVEL .5 ALARM DB LEVEL .6 NAME OF TESTING TECHNICIAN .9 THE TEST RESULTS ARE TO BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO ISSUING TO OWNER'S REPRESENTATIVES AND/OR AUTHORITIES HAVING JURISDICTION. 	<p>REVISIONS</p> <p>The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.</p> <p>The drawings show general arrangement of services. Follow as closely as practical but do not be afraid to change or relocate services if required by the consultant. Obtain approval for relocation of service from Consultant before commencement of the work.</p> <p>The drawings do not indicate all offsets fitting and accessories which may be required. 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 <p>KALOS ENGINEERING</p> <p>300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119 www.kaloseng.ca</p>								
<p>BOBCAYGEON COMMUNITY CENTER</p> <p>51 MANSFIELD STREET BOBCAYGEON ONTARIO</p> <p>ELECTRICAL SPECIFICATIONS (2 OF 2)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">DATE 2025-04-03</td> <td style="width: 33%;">DRAWN BY DV</td> <td style="width: 33%;">DRAWING No. E103</td> </tr> <tr> <td>PROJECT No.</td> <td>CHECKED BY CM</td> <td></td> </tr> </table>			DATE 2025-04-03	DRAWN BY DV	DRAWING No. E103	PROJECT No.	CHECKED BY CM	
DATE 2025-04-03	DRAWN BY DV	DRAWING No. E103						
PROJECT No.	CHECKED BY CM							



A-GROUND FLOOR PLAN-LIGHTING-DEMOLITION

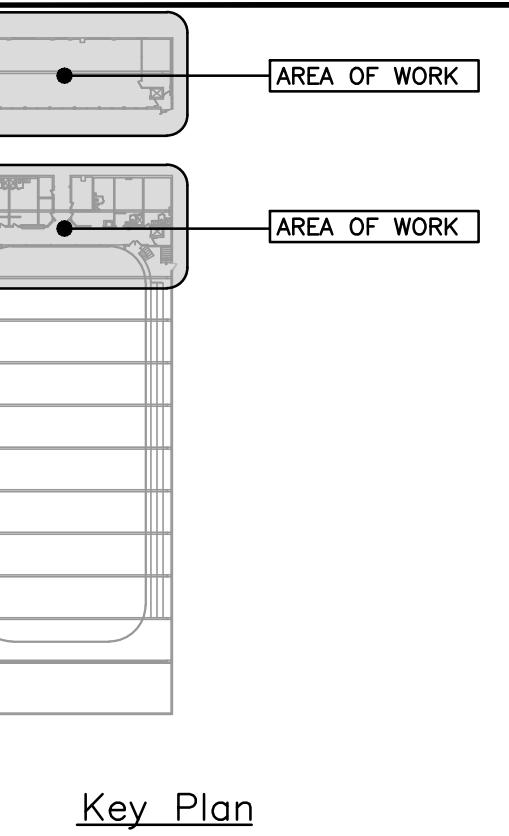
SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES

- 'ER' DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- 'D' INDICATES EXISTING ITEM TO BE DEMOLISHED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.

SPECIFIC DEMOLITION NOTES

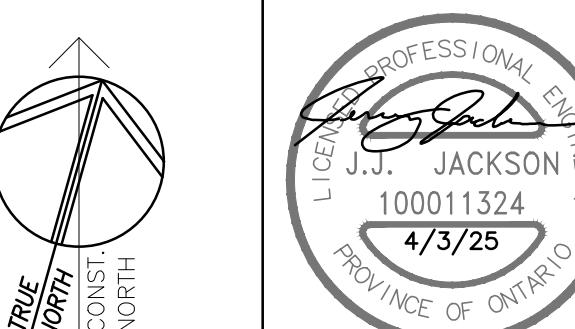
- INDICATED EXISTING FIXTURE(S) ARE TO BE DISCONNECTED AND REMOVED. EXISTING LIGHTING CIRCUIT AND CONTROLS ARE TO BE MAINTAINED FOR RE-USE AS NOTED ON THE RENOVATION DRAWINGS.
- SCOPE OF WORK ON 2ND FLOOR IS TO BE CONSIDERED A PART OF PROVISIONAL PRICE #5. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.



Key Plan

2. 2025/04/03 ISSUED FOR TENDER
1. 2025/03/11 ISSUED FOR 100% REVIEW
No. DATE REVISION

R E V I S I O N S
The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.
The drawings show general arrangement of services. Follow as closely as possible during construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.
The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions.
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Project Number: 25030



BOBCAYGEON COMMUNITY CENTER

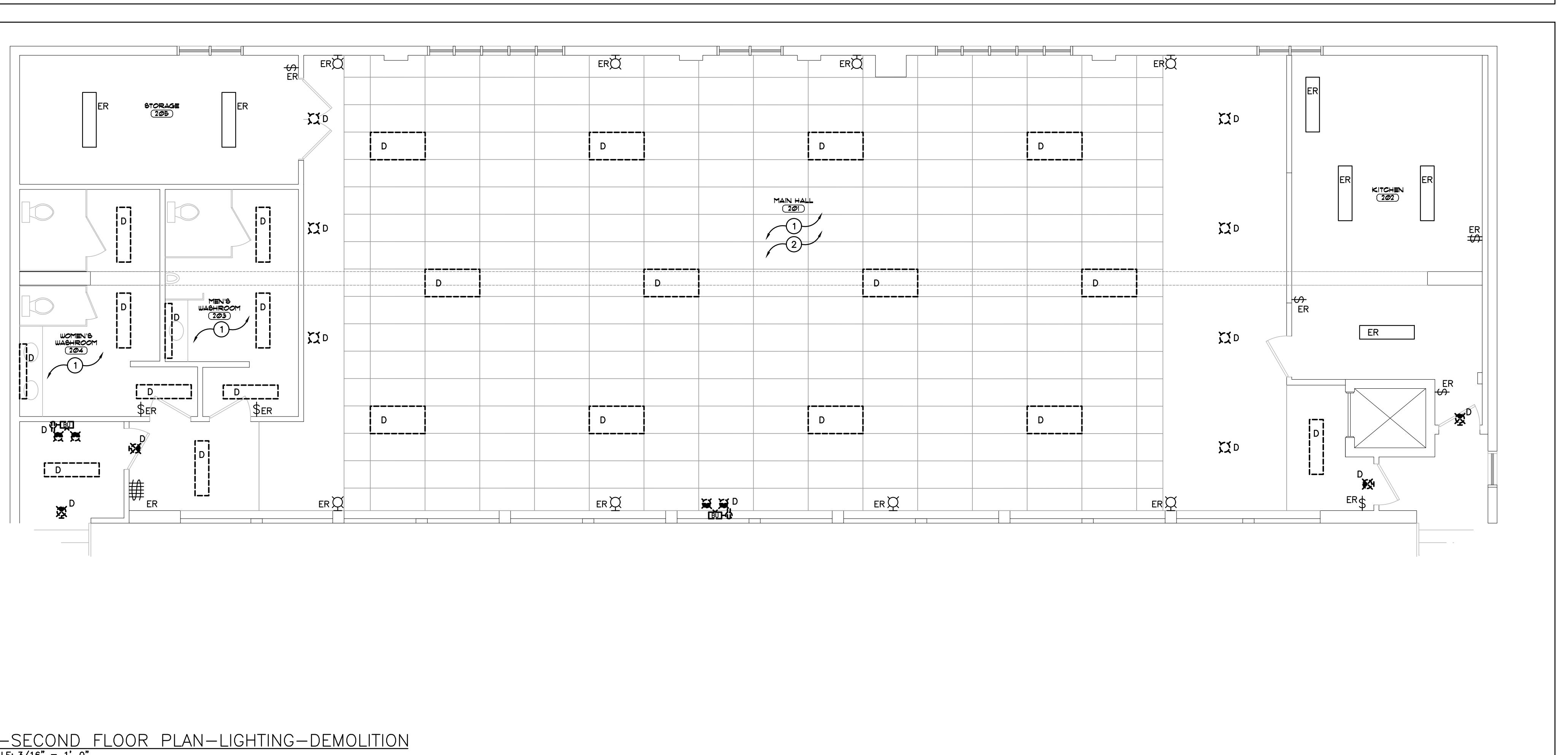
51 MANSFIELD STREET

BOBCAYGEON

ONTARIO

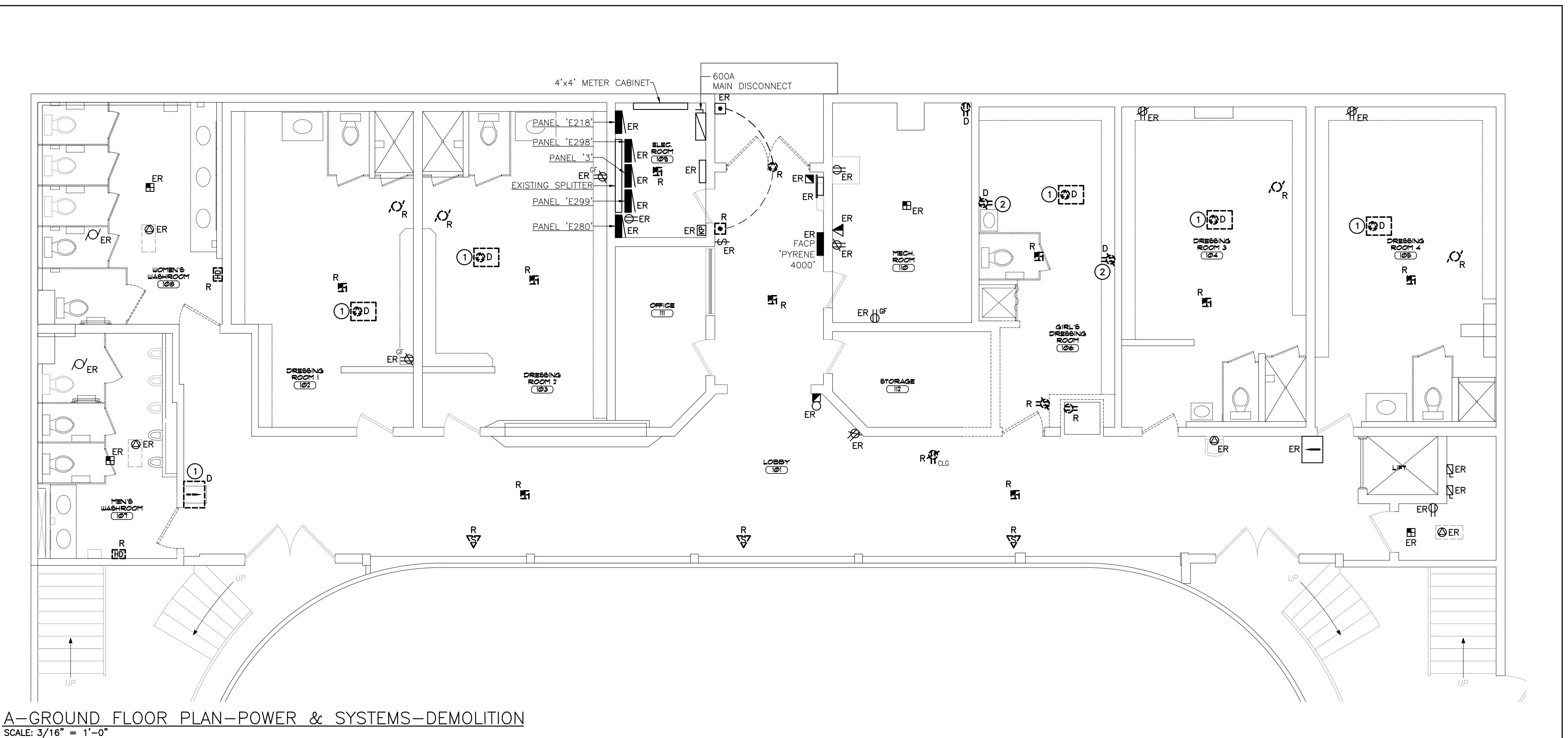
LIGHTING DEMOLITION

DATE 2025-04-03	DRAWN BY DV	DRAWING No. E201
PROJECT No.	CHECKED BY CM	



B-SECOND FLOOR PLAN-LIGHTING-DEMOLITION

SCALE: 3/16" = 1'-0"



A-GROUND FLOOR PLAN-POWER & SYSTEMS-DEMOLITION

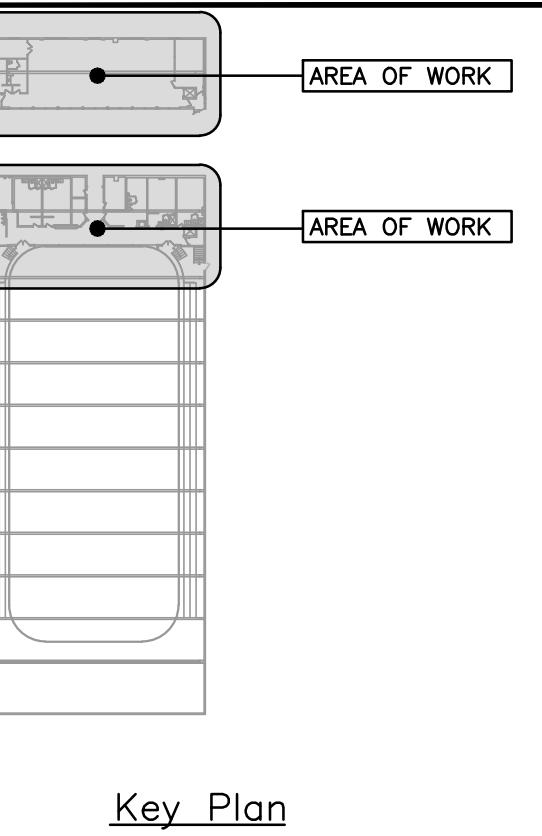
SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES

- 'ER' DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
- 'D' INDICATES EXISTING ITEM TO BE DEMOLISHED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.

SPECIFIC DEMOLITION NOTES

- INDICATES EXISTING HEATER TO BE DISCONNECTED AND REMOVED. EXISTING BRANCH CIRCUIT IS TO BE MAINTAINED FOR RE-USE AS NOTED ON THE RENOVATION DRAWING.
- INDICATES DEVICE TO BE DISCONNECTED AND REMOVED. EXISTING BRANCH CIRCUIT IS TO BE MAINTAINED FOR RE-USE AS NOTED ON THE RENOVATION DRAWING.
- ALL ELECTRICAL DEVICES LOCATED WITHIN AREA ON CEILING TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW CEILING TILES. ALL DEVICES AND WIRING TO BE REINSTALLED AFTER CEILING WORK IS COMPLETE.
- SCOPE OF WORK ON 2ND FLOOR IS TO BE CONSIDERED A PART OF PROVISIONAL PRICE #5. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.



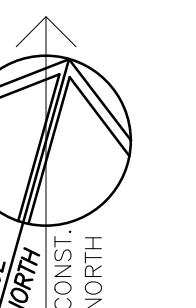
Key Plan

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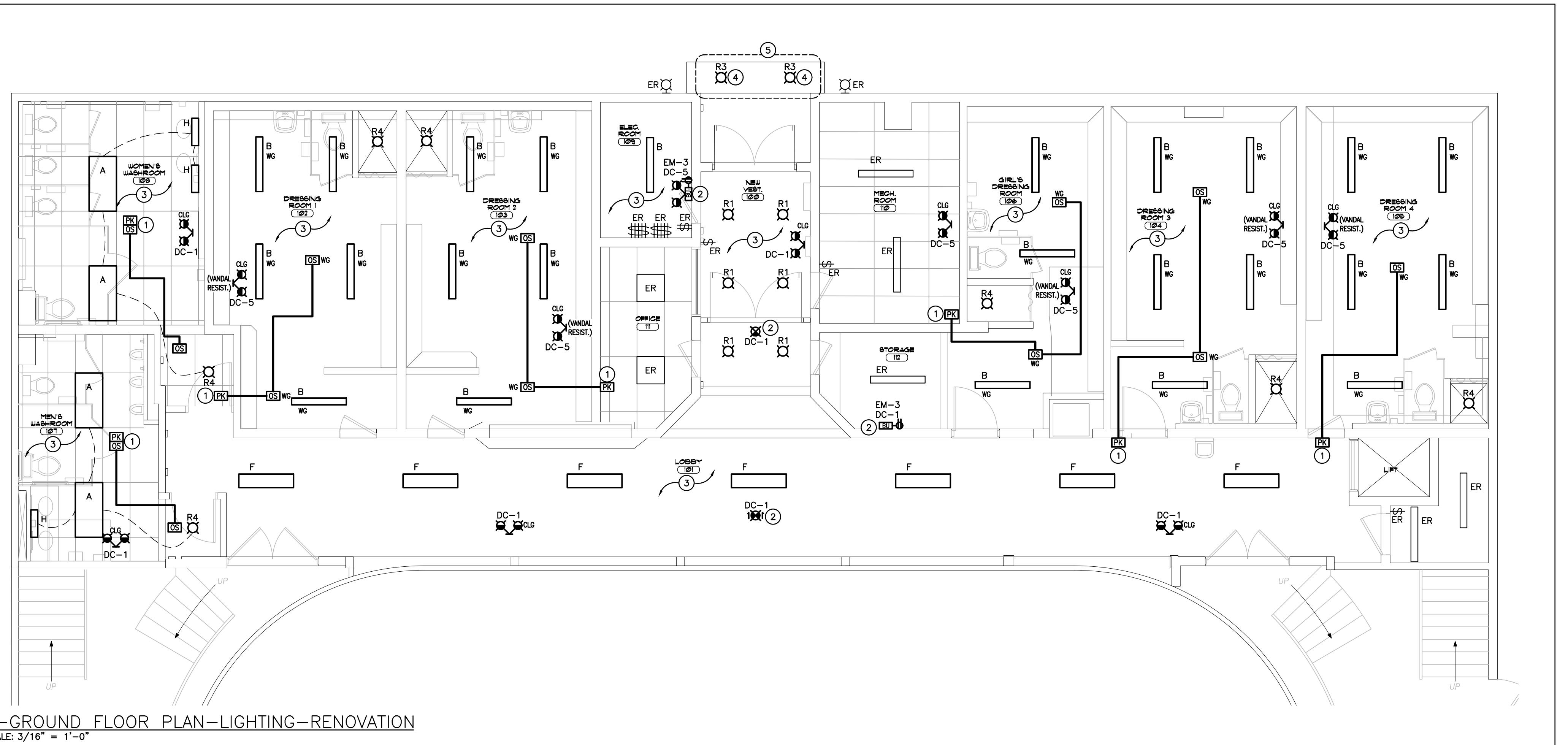
POWER & SYSTEMS
DEMOLITION

DATE 2025-04-03	DRAWN BY DV	DRAWING No. E202
PROJECT No.	CHECKED BY CM	



B-SECOND FLOOR PLAN-POWER & SYSTEMS-DEMOLITION

SCALE: 3/16" = 1'-0"



A-GROUND FLOOR PLAN-LIGHTING-RENOVATION

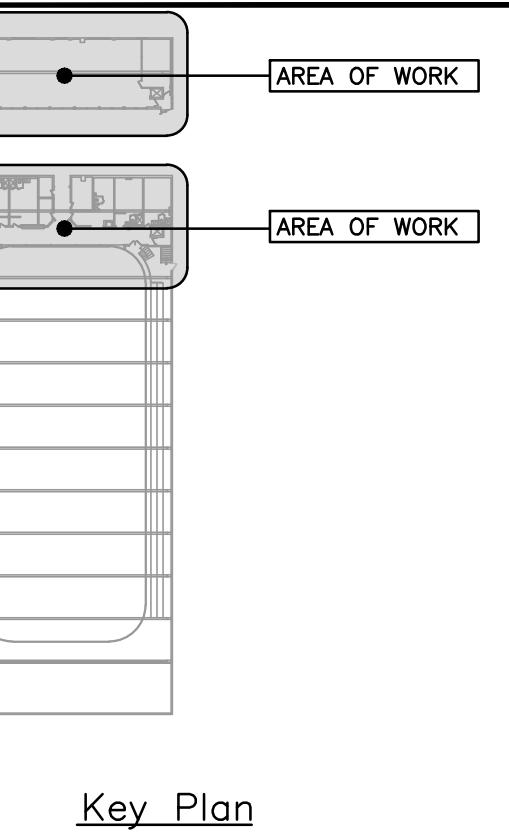
SCALE: 3/16" = 1'-0"

GENERAL RENOVATION NOTES

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

- 1 INDICATES POWER PACK/DIGITAL ROOM CONTROLLER INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED MOTION SENSOR(S).
- 2 CONNECT DEVICE TO THE LINE SIDE OF THE LOCAL LIGHTING CIRCUIT.
- 3 CONNECT FIXTURES IN THIS ROOM TO EXISTING LOCAL LIGHTING CIRCUIT THROUGH EXISTING CONTROLS AS NOTED. EXTEND CONDUIT AND WIRING TO SUIT NEW LOCATIONS AS REQUIRED.
- 4 INDICATED FIXTURES TO BE INSTALLED IN NEW CANOPY. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS. CONNECT FIXTURES TO EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS.
- 5 WORK REQUIRED AS A RESULT OF NEW CANOPY FIXTURES IS TO BE CARRIED WITHIN PROVISIONAL PRICE #6. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
- 6 SCOPE OF WORK ON 2ND FLOOR IS TO BE CONSIDERED A PART OF PROVISIONAL PRICE #5. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.



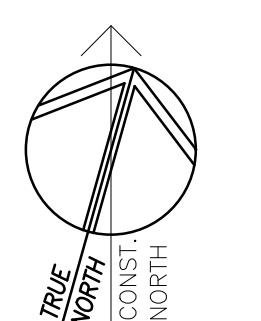
Key Plan

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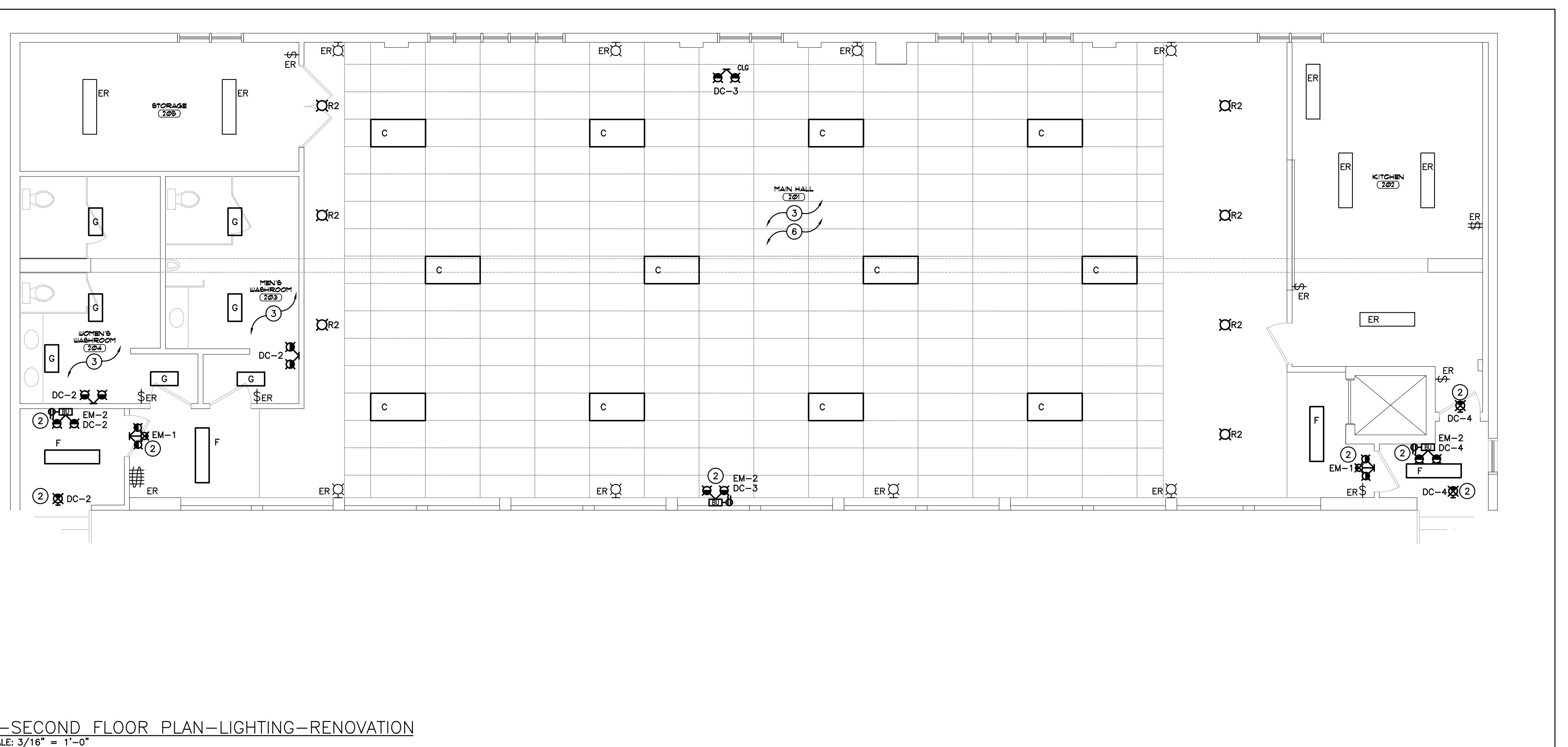
51 MANSFIELD STREET

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ONTARIO

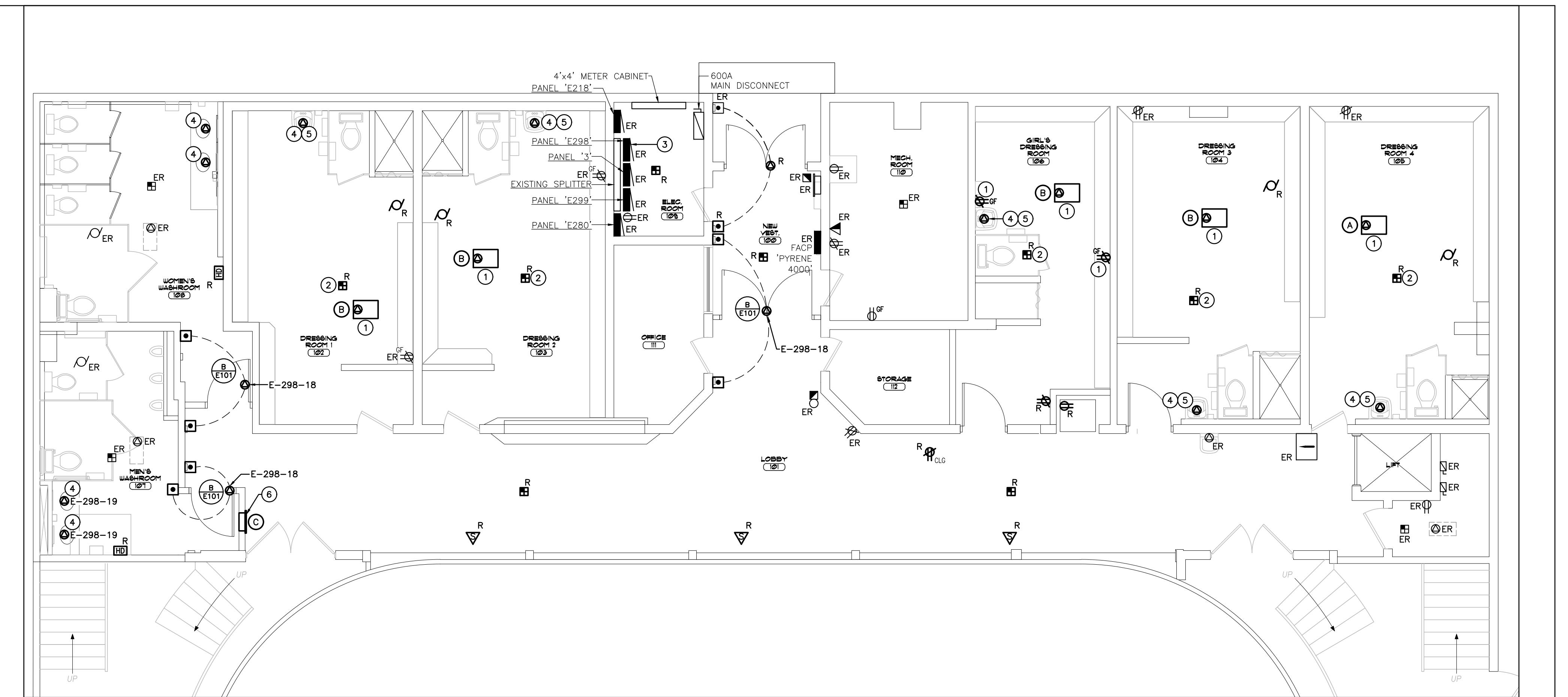
LIGHTING
RENOVATION

DATE 2025-04-03	DRAWN BY DV	DRAWING No. E301
PROJECT No.	CHECKED BY CM	



B-SECOND FLOOR PLAN-LIGHTING-RENOVATION

SCALE: 3/16" = 1'-0"



A-GROUND FLOOR PLAN-POWER & SYSTEMS-RENOVATION

SCALE: 3/16" = 1'-0"

GENERAL RENOVATION NOTES

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

- 1 CONNECT TO EXISTING BRANCH CIRCUIT MAINTAINED FROM DEMOLITION PHASE. EXTEND EXISTING CONDUIT AND WIRING TO SUIT AS REQUIRED.
- 2 INDICATED DEVICE TO BE CONNECTED TO LOCAL INITIATING CIRCUIT. ALL WIRING MUST BE SUPERVISED.
- 3 EXISTING PANEL E-298 IS A FEDERAL PIONEER STABLOK SINGLE PHASE PANELBOARD. THIS CONTRACTOR SHALL PROVIDE THE FOLLOWING TO SUIT NEW FEED:
BREAKER FEED
15A-1P CCT-18 2#12 T90 CU IN 21mmC
15A-1P CCT-19 2#12 T90 CU IN 21mmC
DEVICE
'DOOR OPERATORS'
'MEN/WOMEN WR FAUCETS'
- 4 THIS CONTRACTOR IS TO INVESTIGATE EXISTING BREAKER'S INTERRUPTING CAPACITY AND PROVIDE SIMILAR FOR NEW BREAKERS. FOR BIDDING PURPOSES ASSUME 14KAIC.
- 5 INDICATES 120V CONNECTION TO 24VDC STEP-DOWN TRANSFORMER MOUNTED ABOVE CEILING OR AT HIGH LEVEL FOR AUTOMATIC FIXTURE(S). COORDINATE WITH MECHANICAL CONTRACTOR.
- 6 CONNECT INDICATED DEVICE UPSTREAM OF LOCAL GFCI RECEPTACLE CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING TO SUIT AS REQUIRED.
- 7 NEW LOBBY HEATER TO REUSE BRANCH CIRCUIT WIRING MAINTAINED FROM DEMOLITION PHASE. EXTEND EXISTING CONDUIT AND WIRING TO SUIT NEW LOCATION AS REQUIRED. PROVIDE 60A-3P FUSED DISCONNECT C/W FUSE REDUCING CLIPS AND 3-20A CLASS 'J' FUSES IN 'ELEC ROOM'. CONNECT FUSED DISCONNECT TO EXISTING DEDICATED BRANCH CIRCUIT BETWEEN PANEL E-218 AND NEW LOBBY HEATER.
- 8 ALL ELECTRICAL DEVICES LOCATED WITHIN AREA ON CEILING TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW CEILING TILES. ALL DEVICES AND WIRING TO BE REINSTALLED AFTER CEILING WORK IS COMPLETE.
- 9 WORK REQUIRED AS A RESULT OF CEILING TILE REPLACEMENT TO BE CARRIED AS PROVISIONAL PRICE. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.

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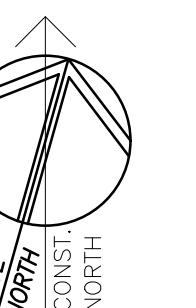
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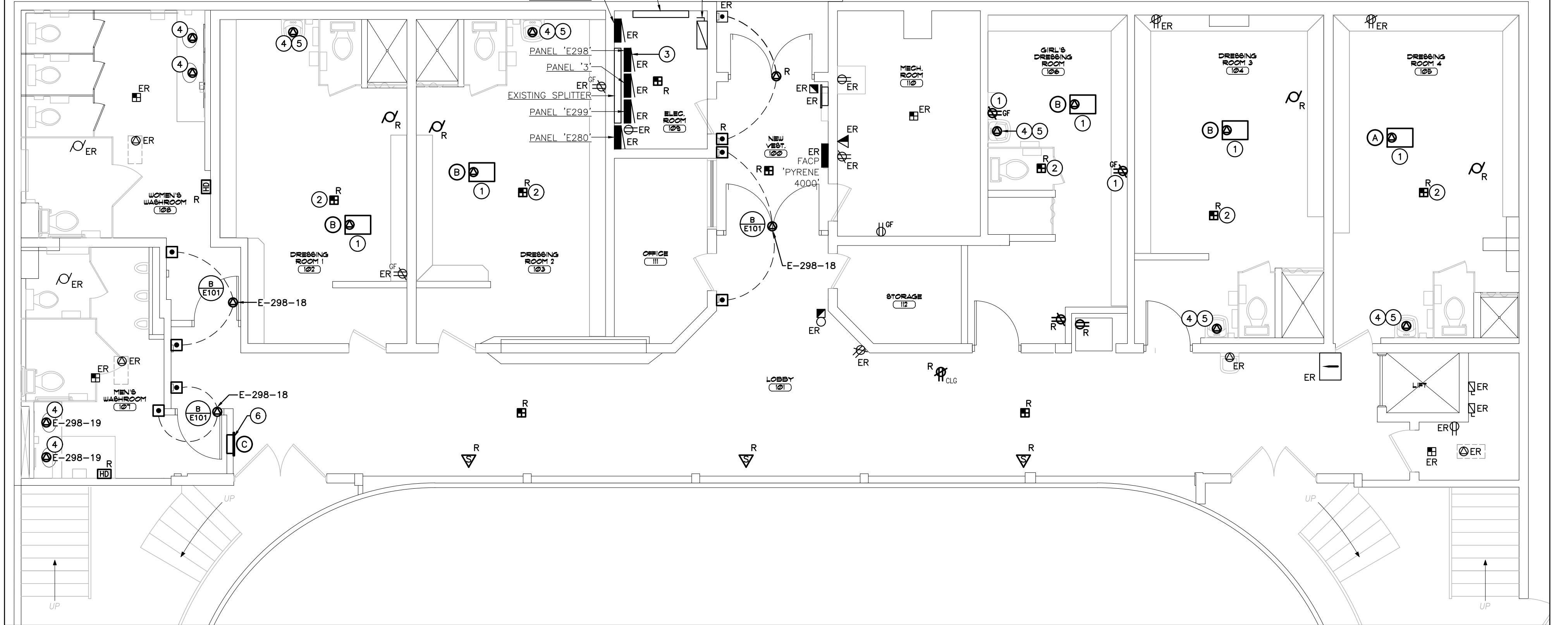
51 MANSFIELD STREET

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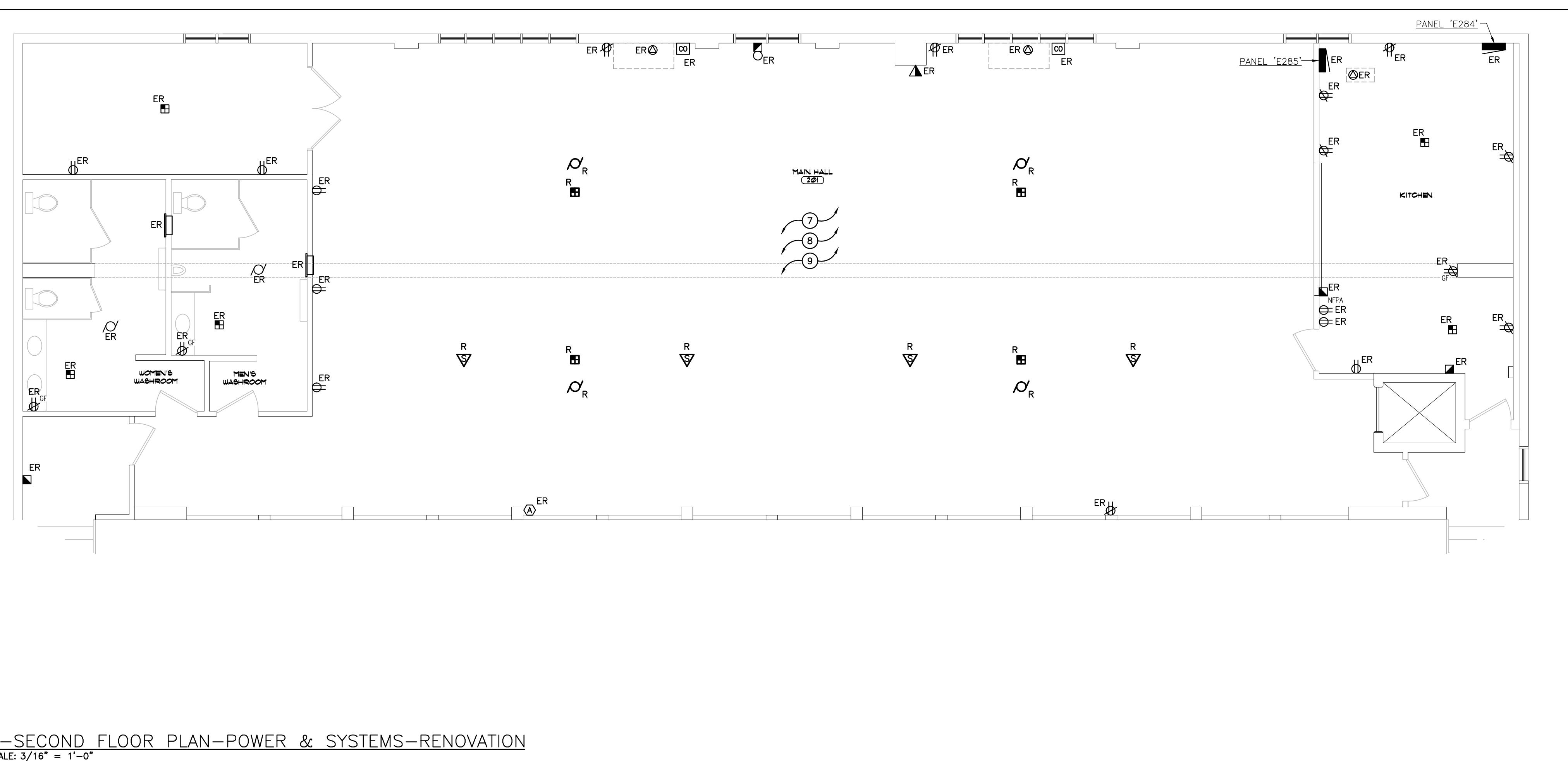
POWER & SYSTEMS
RENOVATION

DATE 2025-04-03	DRAWN BY DV	DRAWING No. E302
PROJECT No.	CHECKED BY CM	



B-SECOND FLOOR PLAN-POWER & SYSTEMS-RENOVATION

SCALE: 3/16" = 1'-0"



B-SECOND FLOOR PLAN-POWER & SYSTEMS-RENOVATION

SCALE: 3/16" = 1'-0"