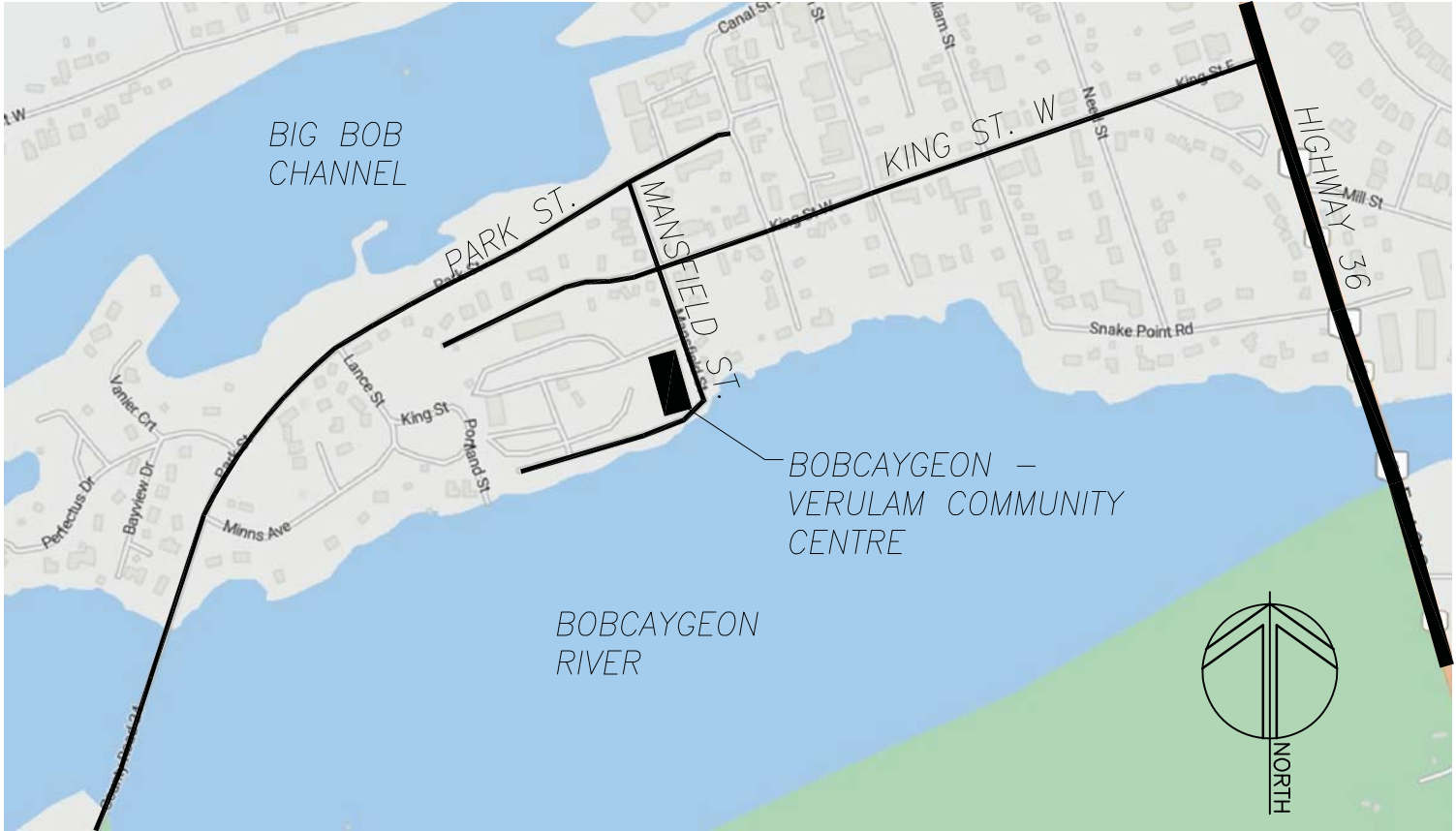


EXISTING OVERALL GROUND FLOOR PLAN

EXISTING SECOND FLOOR PLAN



KEY PLAN

ITEM	ONTARIO BUILDING CODE DATA MATRIX				OBC REFERENCE	
1	Project Description		<input type="checkbox"/> New <input 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	1.1.3.2
4	Gross Area		< 3000 m2		1.1.3.2	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		3.2.2.20-3.2.2.83	9.10.6
15	Actual Construction		<input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Both			
16	Mezzanine(s) Area(sq.m.)		Existing N/A		3.2.1.1.(3-8)	9.10.4.1
17	Occupant load based on		<input checked="" type="checkbox"/> sq.m./person <input checked="" type="checkbox"/> design of building		3.1.17.1	9.9.1.3
18	1st Floor	Occupancy	A3	Load	700 persons	
19	2nd Floor	Occupancy	A3	Load	300 persons	
20	Total	Occupancy	A3	Load	1000 persons	
21	Barrier-free Design		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No(Explain)		3.8	9.5.2
22	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
23	Required Fire Resistance 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
24		FRR(Hours)				
25		Floors	1		Hours	
26		Roof	3/4		Hours	
27		Mezzanine	N/A		Hours	
28		FRR for Supporting Members			Listed Design No. or Description(SG-2)	
29	Floors	1	Hours			
30	Roof	3/4	Hours			
31	Mezzanine	N/A	Hours			
32	Special Separation - Construction of Exterior Walls				3.2.3.	
33	Wall Area of L.D. (m²)	L/H or Max % of H/L	Permitted Openings	Proposed % of Openings	FRR (Hours) or Description	Combustible Construction Combustible Non-Comb. Cladding Non-Combustible Construction
34	North					
35	South					
36	East					
37	West					
38	Sanitary Facility Summary					3.7.4.3.(3)
39	Per table 3.7.4.3.C, 1000 persons require 5 fixtures per sex.					
40	Male	Required		Existing	Proposed	
41	Female	5		10	6*	
42	1st Floor:					
43	Male Washrooms	= 4*		(2 Water closets, 3 Urinals)		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)
44	Dressing Room Washrooms	= 5		(1 Water closet per dressing room)		
45	2nd Floor:					
46	Male Washrooms	= 2				
47	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)

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

CONSULTANTS

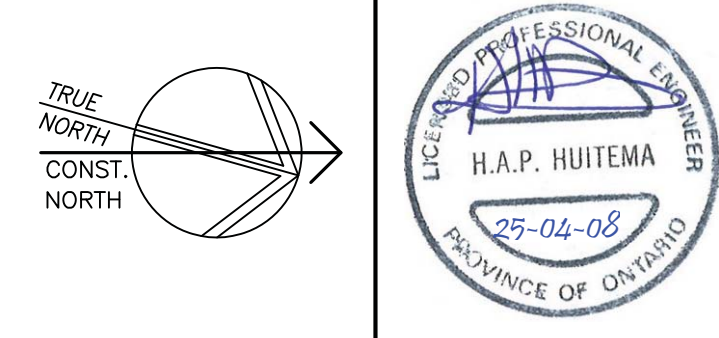
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No.	DATE	REVISION

REVISIONS



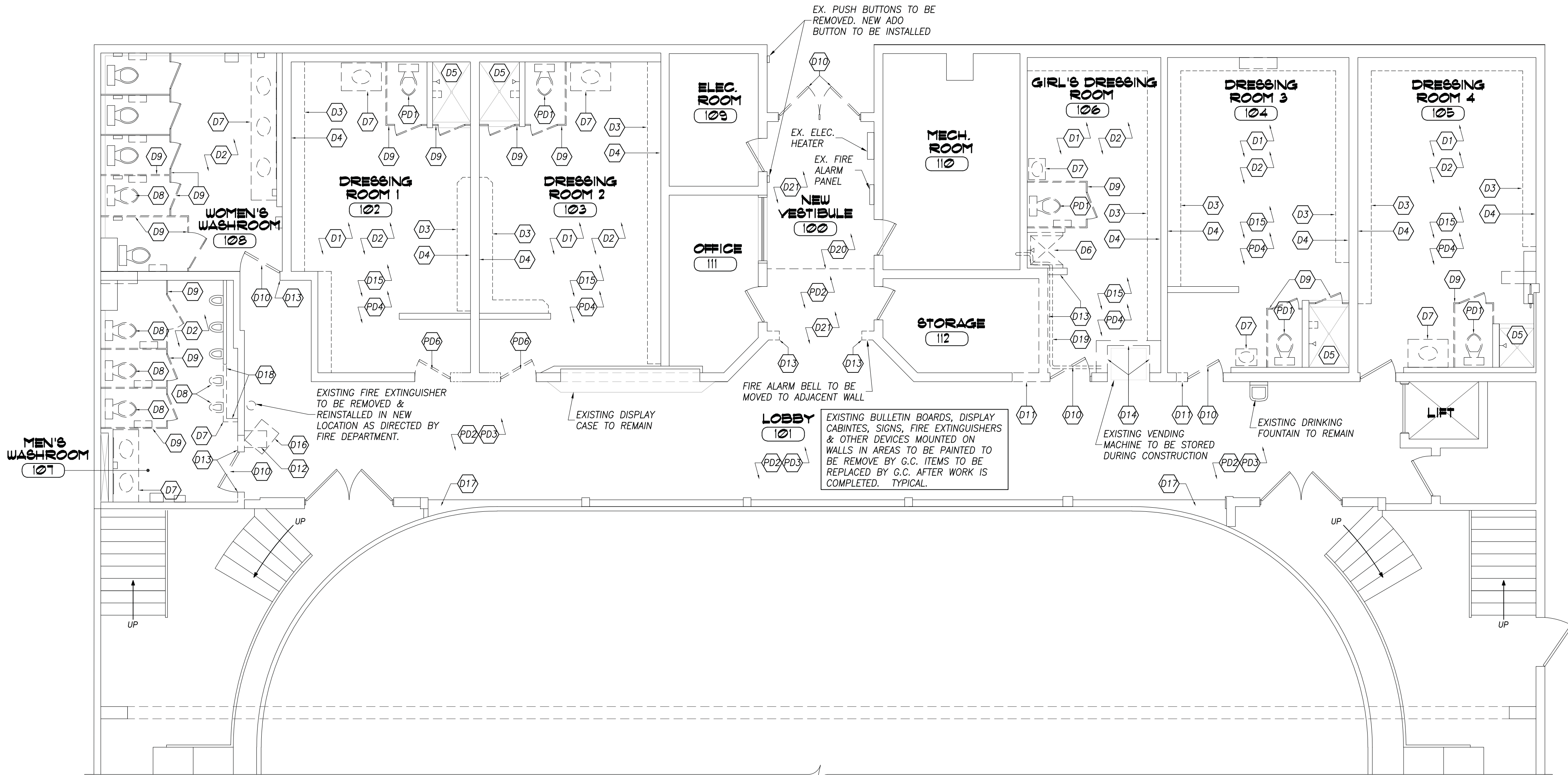
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BOBCAYGEON COMMUNITY CENTER

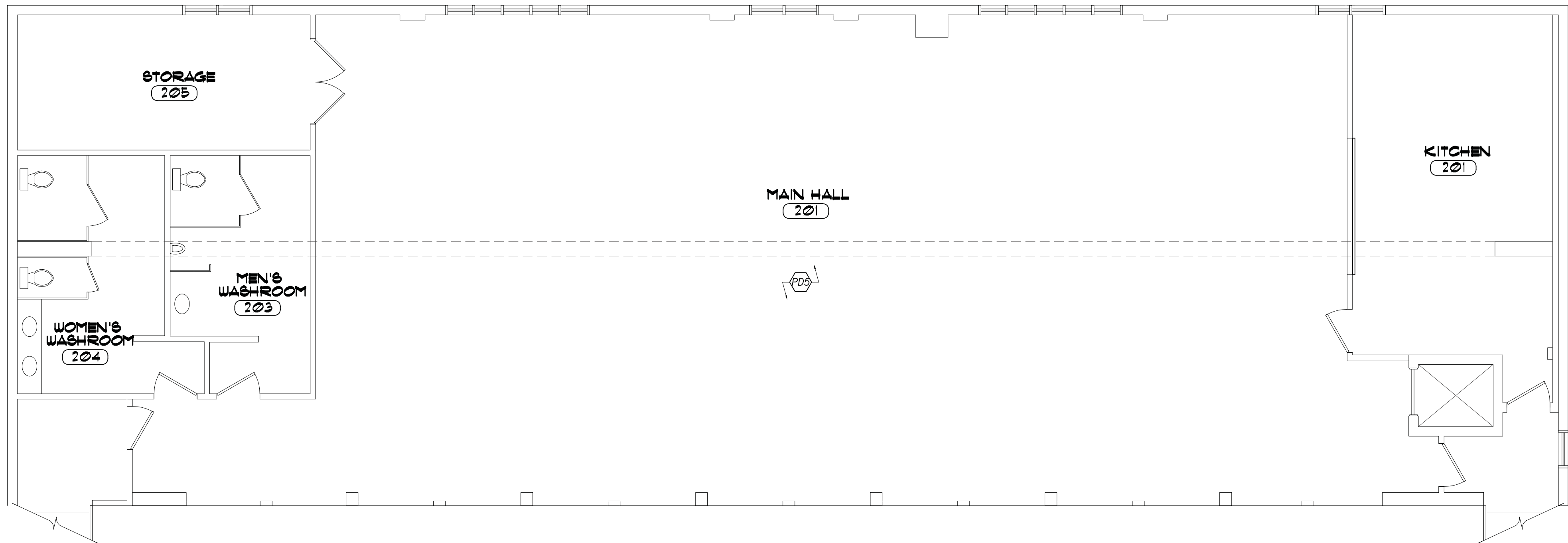
51 MANSFIELD STREET
BOBCAYGEON ONTARIO

COVER SHEET

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



GROUND FLOOR REMOVAL
3/16"=1'-0"



SECOND FLOOR REMOVAL
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, PARGED 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 (PARGED 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

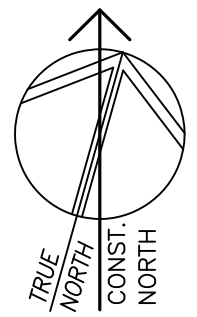
PROVISIONAL DEMOLITION NOTES

- PD1 REMOVE EXISTING WATER CLOSETS IN DRESSING ROOMS.
- PD2 REMOVE EXISTING PLYWOOD/OSB CEILING AT ENTRANCE/LOBBY AREAS. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- PD3 REMOVE EXISTING FLOOR FINISH AT IN LOBBY AREAS. REPAIR & MAKE GOOD FLOOR, READY TO RECEIVE NEW FLOOR FINISH. REFER TO FLOOR PLAN, DRAWING A2.1, FOR ADDITIONAL INFORMATION
- PD4 REMOVE EXISTING FLOORING IN DRESSING ROOMS. REPAIR & MAKE GOOD EXISTING FLOOR, READY TO RECEIVE NEW FINISHES.
- PD5 REPLACE EXISTING LIGHT FIXTURES IN T-BAR CEILING AT MAIN HALL ON SECOND FLOOR. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- PD6 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 DEMOLITION 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 OR 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 SURFACES 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

1. 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.
2. 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.
3. CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS.
4. REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS, PITS, CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
5. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS AND GOOD CONSTRUCTION PRACTICES.
6. THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
7. CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

MASONRY NOTES

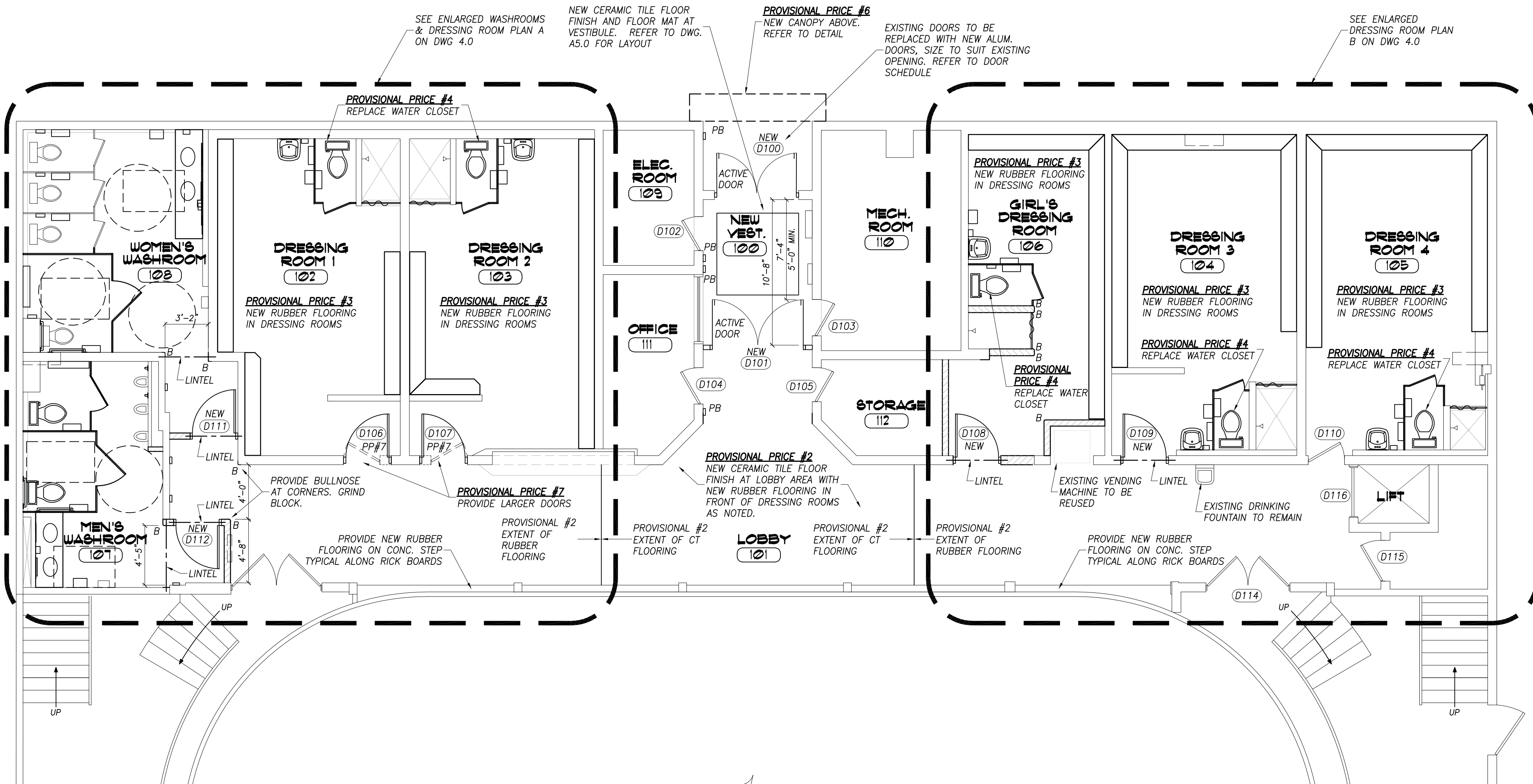
1. ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S31.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371. ALL MASONRY CONNECTORS, REINFORCING AND TYING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.
2. ALL 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.
3. VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 20'-0". REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS.
4. TRIM ALL OPENINGS WITH 2-15M BARS.
5. GROUT SHALL CONSIST OF ON ONE PART PORTLAND CEMENT, THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE 3/8") WITH WATER TO PROVIDE A MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 8" TO 10".
6. ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID.
7. 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.
8. ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF 3/4" IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF 3/4". THE BED JOINTS SHALL BE 3/8".
9. 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.
10. THE HORIZONTAL REINFORCING AT EXTERIOR WALLS SHALL BE GALVANIZED. DO NOT EXTEND HORIZONTAL REINFORCING THROUGH CONTROL JOINTS UNLESS OTHERWISE NOTED.
11. PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.
12. 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".
13. 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

1. ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16.
2. 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 A570M GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CAN/CGSB 85.10.
3. 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.
4. DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED.
5. ALL BOLTS SHALL BE TIGHTENED WITH A SUITABLE TORQUE WRENCH IN ACCORDANCE WITH CSA S16.
6. ALL STEEL EXPOSED TO THE EXTERIOR TO BE HOT DIP GALVANIZED.
7. ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

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)

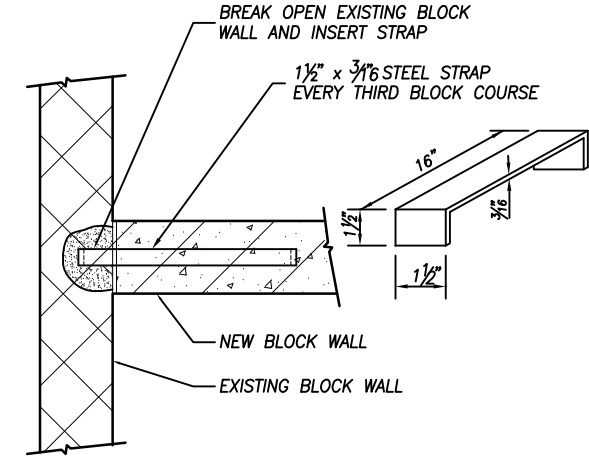
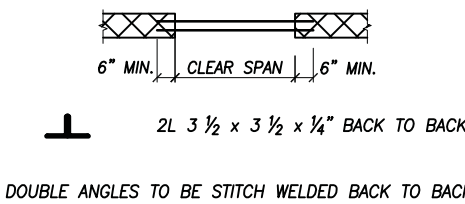


WALL TYPE LEGEND

- 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 BLOCK WALL TO EXISTING AT INTERSECTIONS. REFER TO DETAIL BELOW.
NOTE: WHERE CONCRETE BLOCK IS USED TO INSTALL AN EXISTING OPENING, BLOCK SIZE TO MATCH EXISTING.
 - B - BULL NOSE WHERE INDICATED, PROVIDE A BULLNOSE AT BLOCK CORNERS. 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

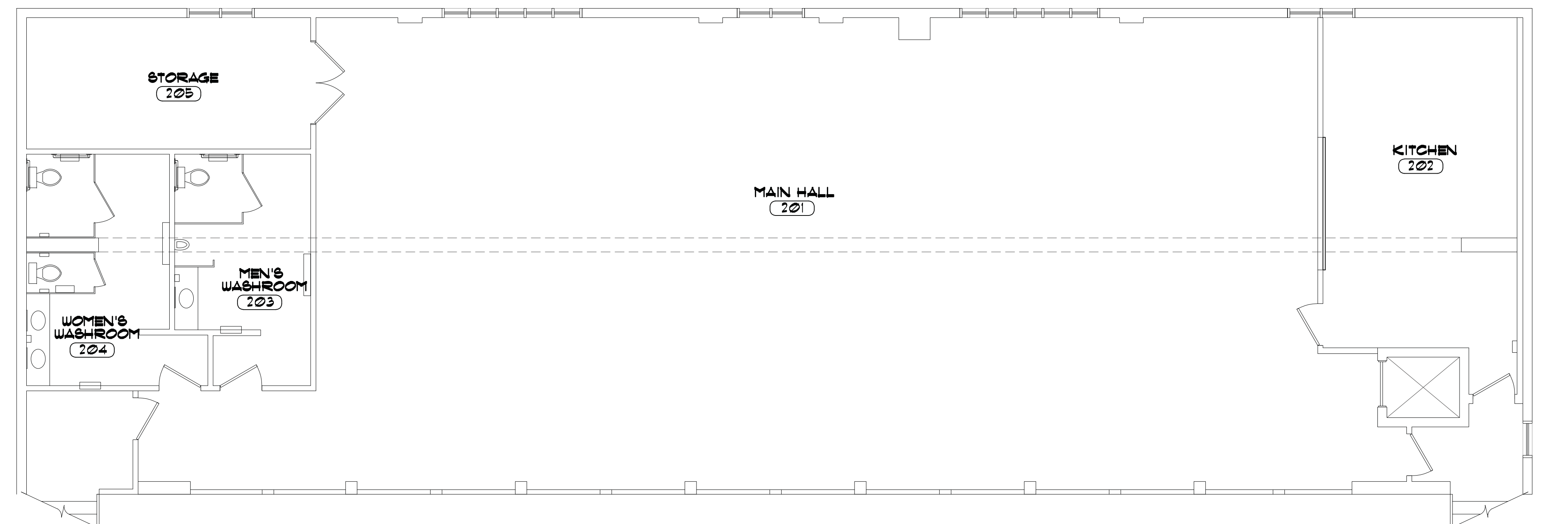
PROVIDE STEEL LINTELS FOR ALL NEW OPENINGS AS SHOWN ON DRAWINGS



TYPICAL INTERSECTION OF NEW & EXISTING CONCRETE BLOCK WALLS
NOT TO SCALE

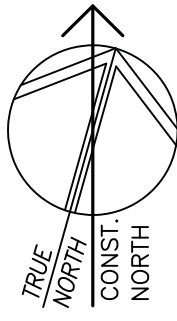
PARTIAL FIRST FLOOR PLAN

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



PARTIAL SECOND FLOOR PLAN

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



1	25/04/03	ISSUED FOR PERMIT/TENDER
No.	DATE	REVISION

REVISIONS

KALOS ENGINEERING

300 YORK BLVD HAMILTON, ONTARIO L8R 3K6
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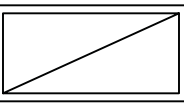
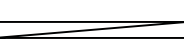
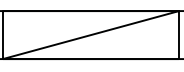

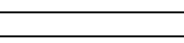
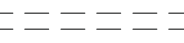






51 MANSFIELD STREET
BOBCAYGEON ONTARIO

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

-  - NEW 24"x48" RECESSED LED LIGHT FIXTURE (TO REPLACE EXISTING)
NOTE: FIXTURES FOR MAIN HALL ON SECOND FLOOR TO BE INCLUDED IN PROVISIONAL PRICE #5
-  - NEW SURFACE MOUNTED LED STRIP LIGHT FIXTURE C/W PROTECTIVE CAGE
-  - NEW 48" LONG SURFACE MOUNTED LED LIGHT FIXTURE (TO REPLACE EXISTING)
-  - NEW RECESSED LED LIGHT FIXTURE
NOTE: CANOPY LIGHTING TO BE PART OF PROVISIONAL PRICE #6
-  - EXISTING LIGHTING TO REMAIN UNLESS OTHERWISE NOTED.
-  - EXISTING LIGHT FIXTURE TO BE REMOVED UNLESS OTHERWISE NOTED
-  - EXISTING RECESSED POT LIGHT TO REMAIN UNLESS OTHERWISE NOTED
-  - EXISTING DIFFUSER TO REMAIN
-  - EXISTING CEILING MOUNTED HEATER
-  - EXISTING EXHAUST FAN
-  - EXISTING SPEAKER TO REMAIN
-  - EXISTING SMOKE DETECTOR.
NOTE: PROTECTIVE CAGE PROVIDED IN DRESSING ROOMS.

NOTE: REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTING & EXIT SIGNS

PROVISIONAL PRICES

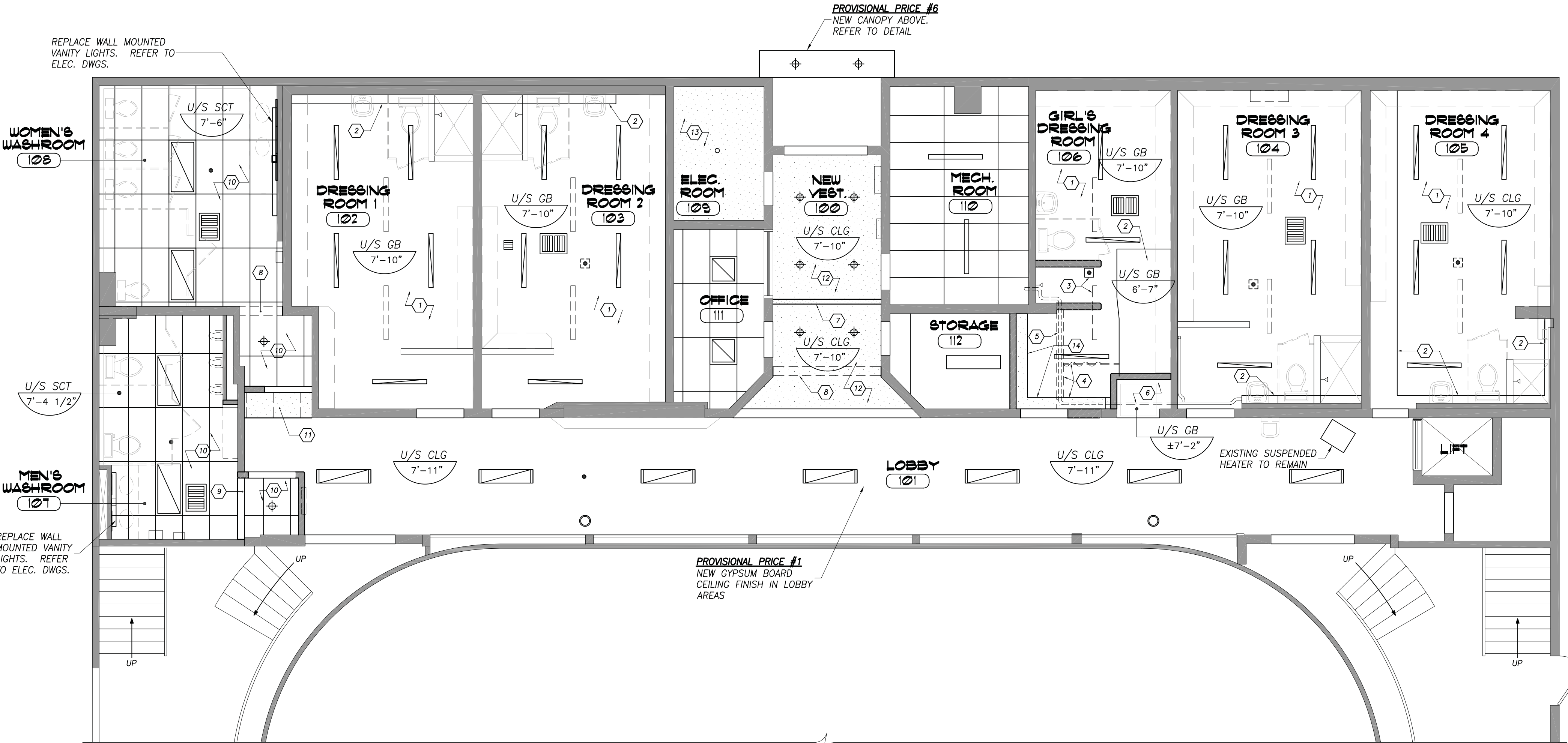
- #1 REPLACE CEILING IN LOBBY 101
- #2 REPLACE FLOORING IN LOBBY 101 WITH CERAMIC TILE & RUBBER FLOORING AS INDICATED ON PLAN
- #3 REPLACE FLOORING IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106) WITH RUBBER FLOORING
- #4 REPLACE WATER CLOSETS IN DRESSING ROOMS (ROOM No. 102, 103, 104, 105 & 106)
- #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)

REFLECTED CEILING PLAN NOTES

- 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
- PATCH & REPAIR EXISTING BULKHEAD, READY TO RECEIVE NEW PAINT FINISH.
- RELOCATE LIGHT FIXTURE & CEILING MOUNTED DEVICES AS REQUIRED TO ACCOMMODATE NEW PARTITIONS. REFER TO MECHANICAL & ELECTRICAL DRAWINGS.
- REMOVE EXISTING BULKHEAD, CURTAIN ROD & CURTAIN. REPAIR AND MAKE GOOD ADJACENT SURFACES
- 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.
- REPAIR & MAKE GOOD EXISTING BULKHEAD CEILING AS REQUIRED TO SUIT NEW PARTITION WALLS.
- NEW BULKHEAD TO BE PROVIDE ABOVE DOORS.
1/2" GYPSUM BOARD ON BOTH SIDES OF 2x4 WOOD STUDS @ 16" O/C, SECURED TO STRUCTURE ABOVE.
- REMOVE WALL ABOVE EXISTING OPENING. REPAIR & MAKE GOOD ADJACENT SURFACE, READY TO RECEIVE NEW CEILING.
- REPLACE LINTEL AT MODIFIED OPENING. INSTALL LINTEL AS HIGH AS POSSIBLE AND ENCLOSE IN A BULKHEAD CONSTRUCTED WITH 1/2" GYPSUM BOARD ON WOOD FURRING @ 16" O/C.
- 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
- REPLACE T-BAR CEILING WITH NEW GYPSUM BOARD CEILING WHERE INDICATED, HEIGHT TO MATCH EXISTING.
- 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 MECH & ELEC DWGS).
NOTE: EXISTING FIRE-RATING OF FLOOR ASSEMBLY ABOVE TO BE MAINTAINED. REFER TO NOTE BELOW.
- 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 LIGHTING, DEVICES, CABLING ETC. TO BE RE-WORKED TO ACCOMMODATE CEILING WITHOUT COMPROMISING THE FIRE RATING.
- PROVIDE A NEW GYPSUM BOARD BULKHEAD TO CONCEAL RE-WORKED PLUMBING.

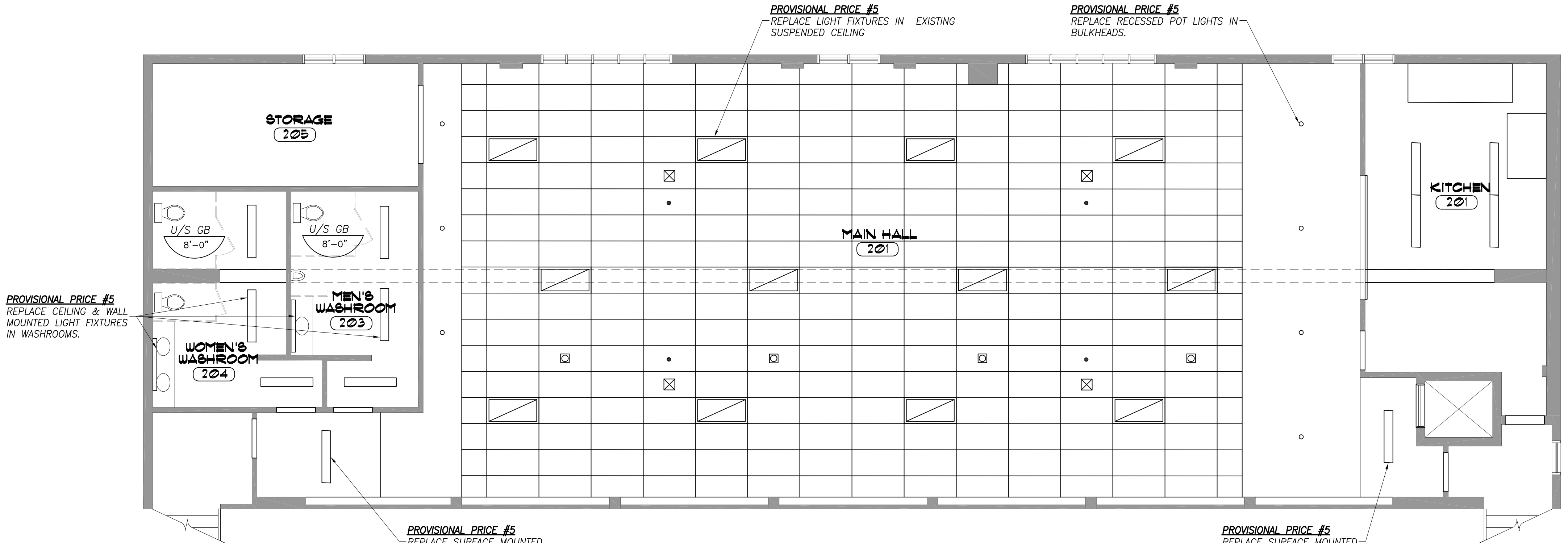
FLOOR ASSEMBLY NOTE:

THE EXISTING FLOOR ASSEMBLY FOR THE SECOND FLOOR HAS A 1 HOUR FIRE RESISTANCE RATING. GC TO EXAMINE FLOOR ASSEMBLY TO DETERMINE HOW THE FIRE RATING IS ACHIEVED. IF THE EXISTING CEILING IS PART OF THE FIRE-RATED ASSEMBLY AND IS NOTED TO BE REMOVED, IT SHALL BE REPLACED WITH 2 LAYERS OF 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 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.



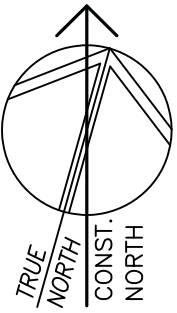
PARTIAL GROUND FLOOR REFLECTED CEILING PLAN

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



PARTIAL SECOND FLOOR REFLECTED CEILING PLAN

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



1	25/04/03	ISSUED FOR PERMIT/TENDER
No.	DATE	REVISION

REVISIONS



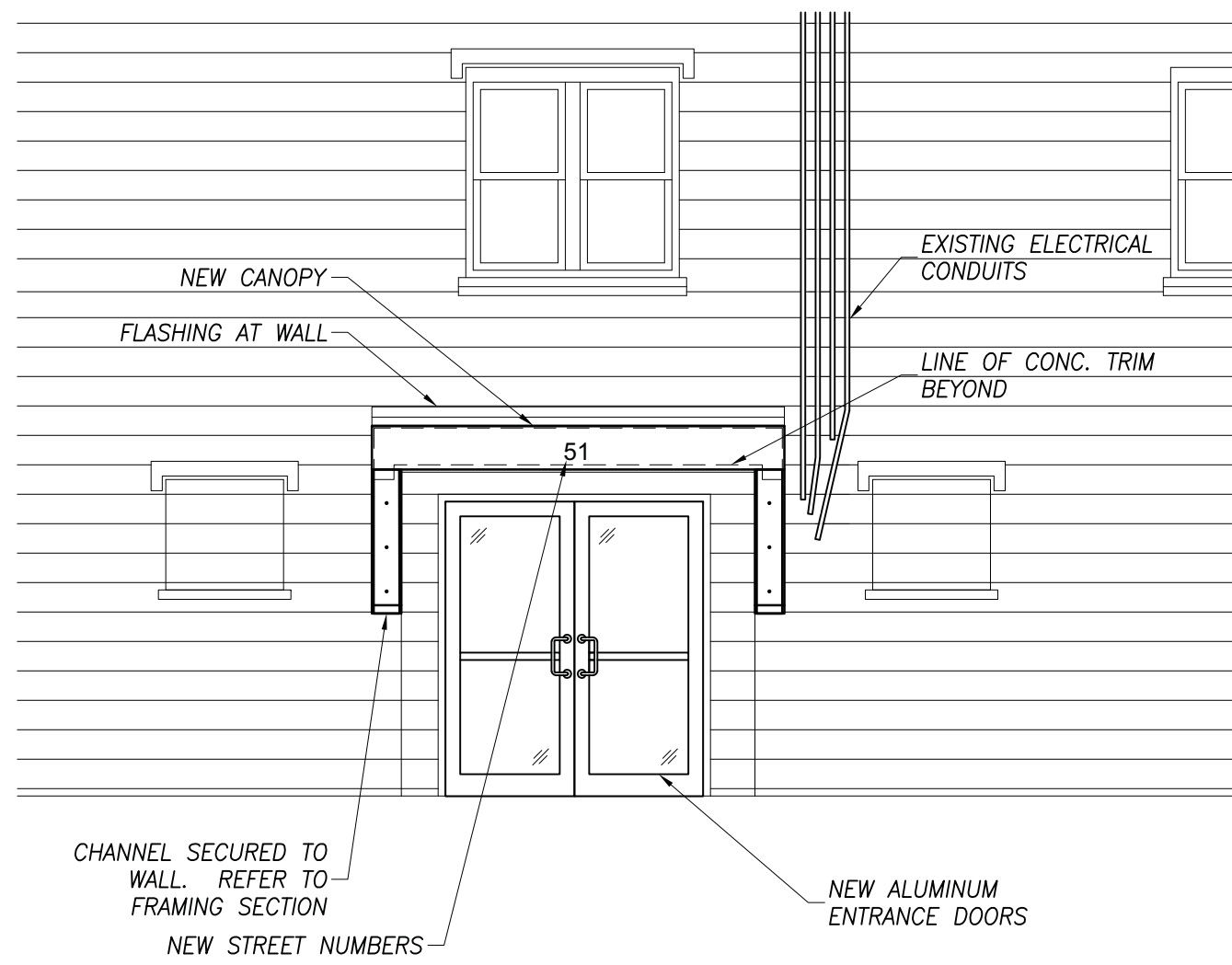
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51 MANSFIELD STREET
BOBCAYGEON ONTARIO

PARTIAL REFLECTED CEILING PLANS

DATE FEBRUARY 2025	DRAWN BY T.P.	DRAWING No. 2.2
PROJECT No. 25023	CHECKED BY H.A.P.H.	



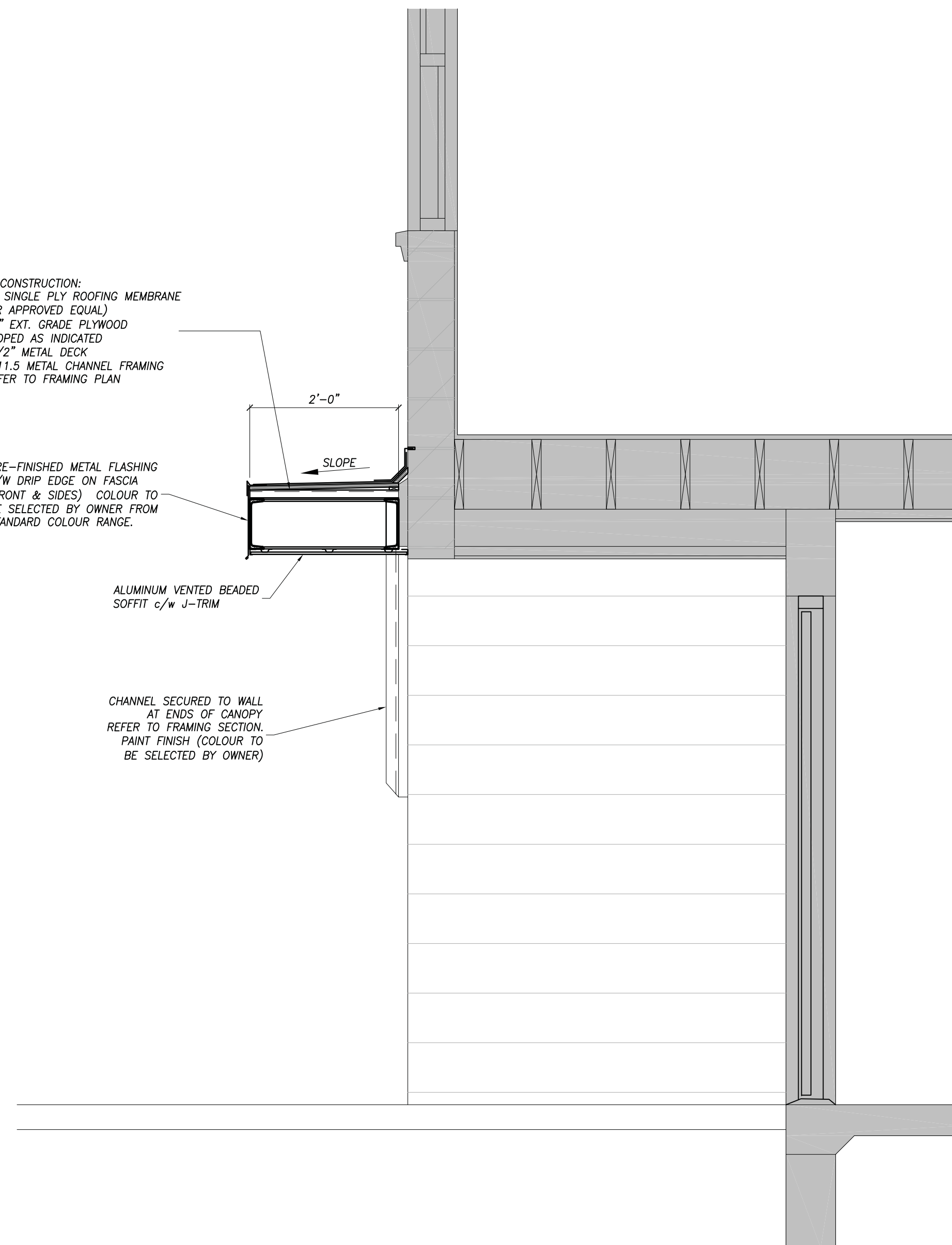
PARTIAL ELEVATION AT ENTRANCE
SCALE: 1/4"=1'-0"

- CANOPY CONSTRUCTION:
- PVC SINGLE PLY ROOFING MEMBRANE (OR APPROVED EQUAL)
 - 5/8" EXT. GRADE PLYWOOD SLOPED AS INDICATED
 - 1 1/2" METAL DECK
 - C8x11.5 METAL CHANNEL FRAMING REFER TO FRAMING PLAN

PRE-FINISHED METAL FLASHING C/W DRIP EDGE ON FASCIA (FRONT & SIDES) COLOUR TO BE SELECTED BY OWNER FROM STANDARD COLOUR RANGE.

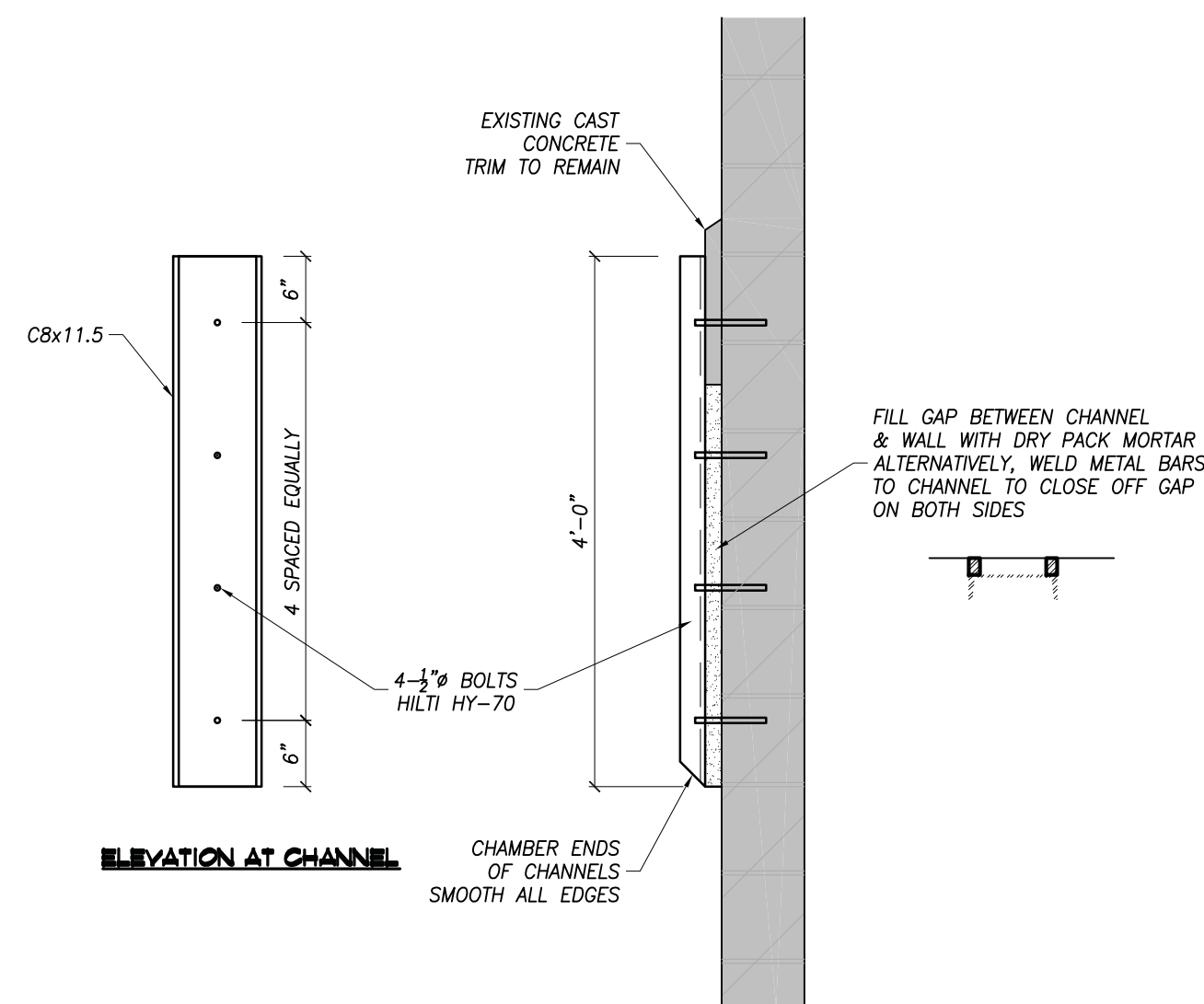
ALUMINUM VENTED BEADED SOFFIT c/w J-TRIM

CHANNEL SECURED TO WALL AT ENDS OF CANOPY REFER TO FRAMING SECTION. PAINT FINISH (COLOUR TO BE SELECTED BY OWNER)

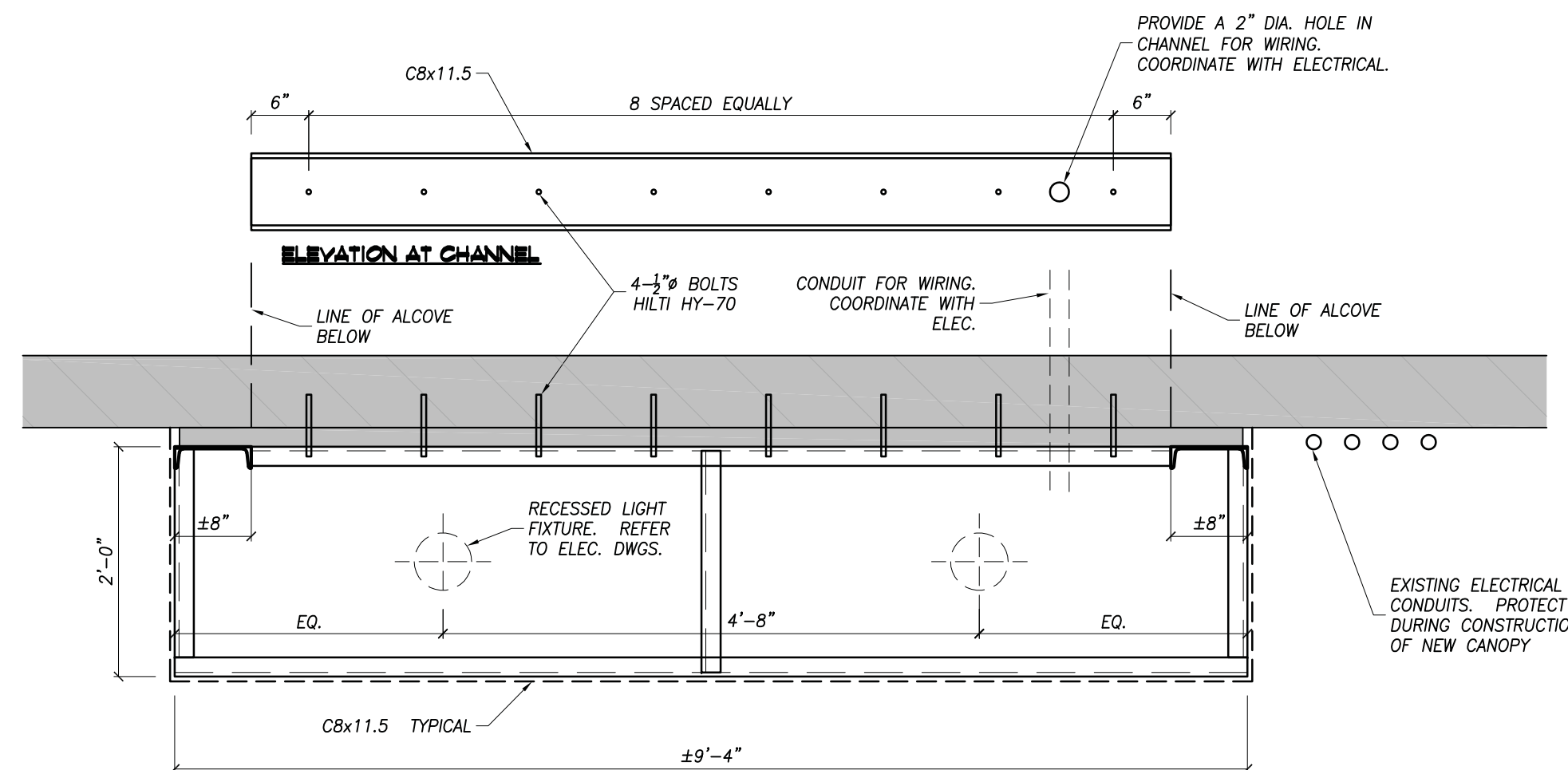


SECTION AT CANOPY
SCALE: 3/4"=1'-0"

PROPOSED CANOPY IS PART OF PROVISIONAL PRICE #6



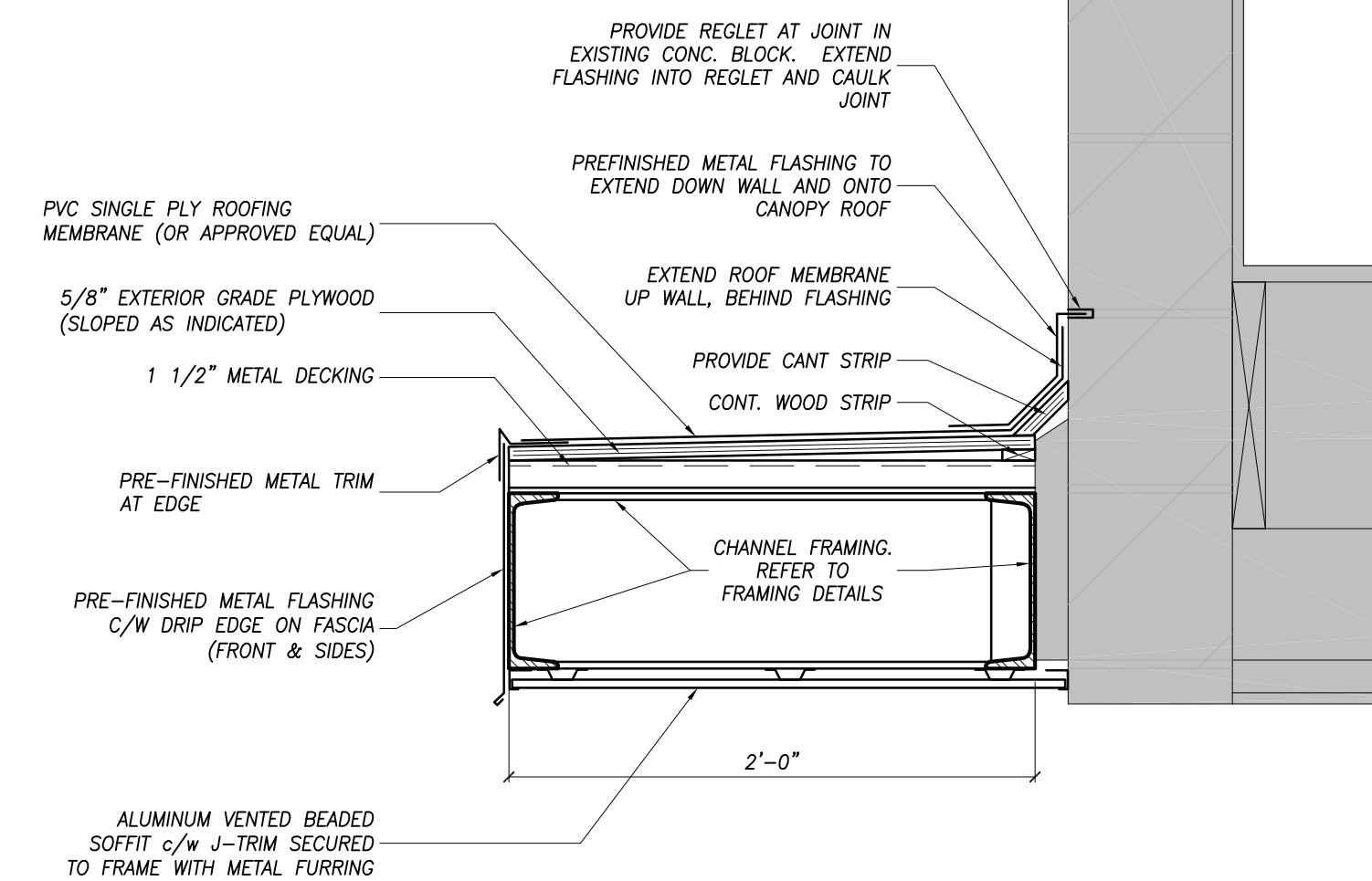
FRAMING SECTION
SCALE: 3/4"=1'-0"



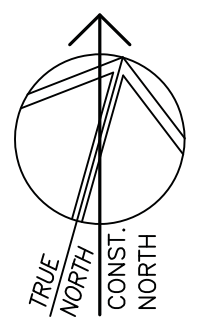
WELDING NOTES:
ALL WELDS TO BE FMC

ALL STEEL TO BE
HOT-DIP GALVANIZED

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



SECTION DETAIL AT CANOPY
SCALE: 1 1/2"=1'-0"



No.	DATE	REVISION
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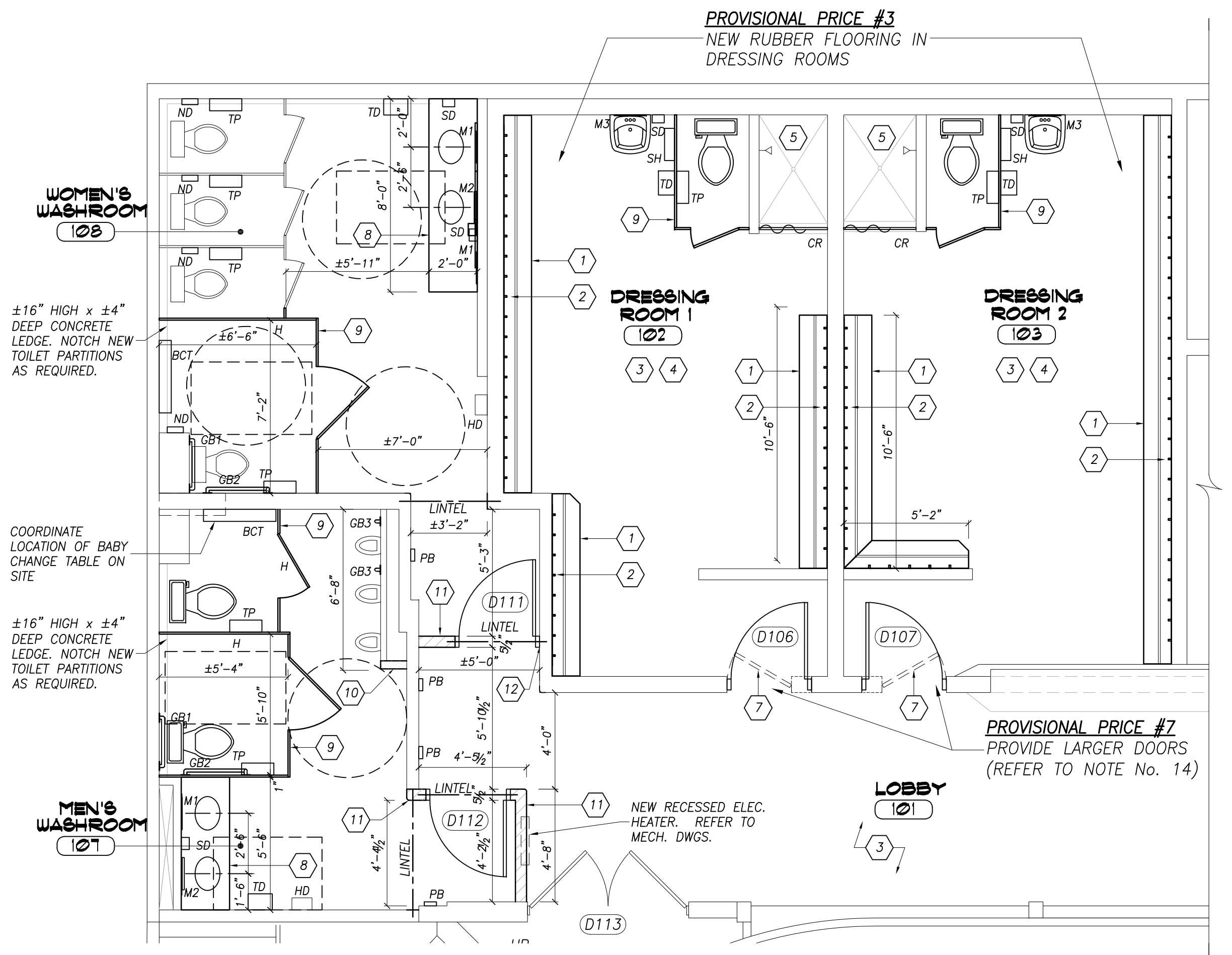
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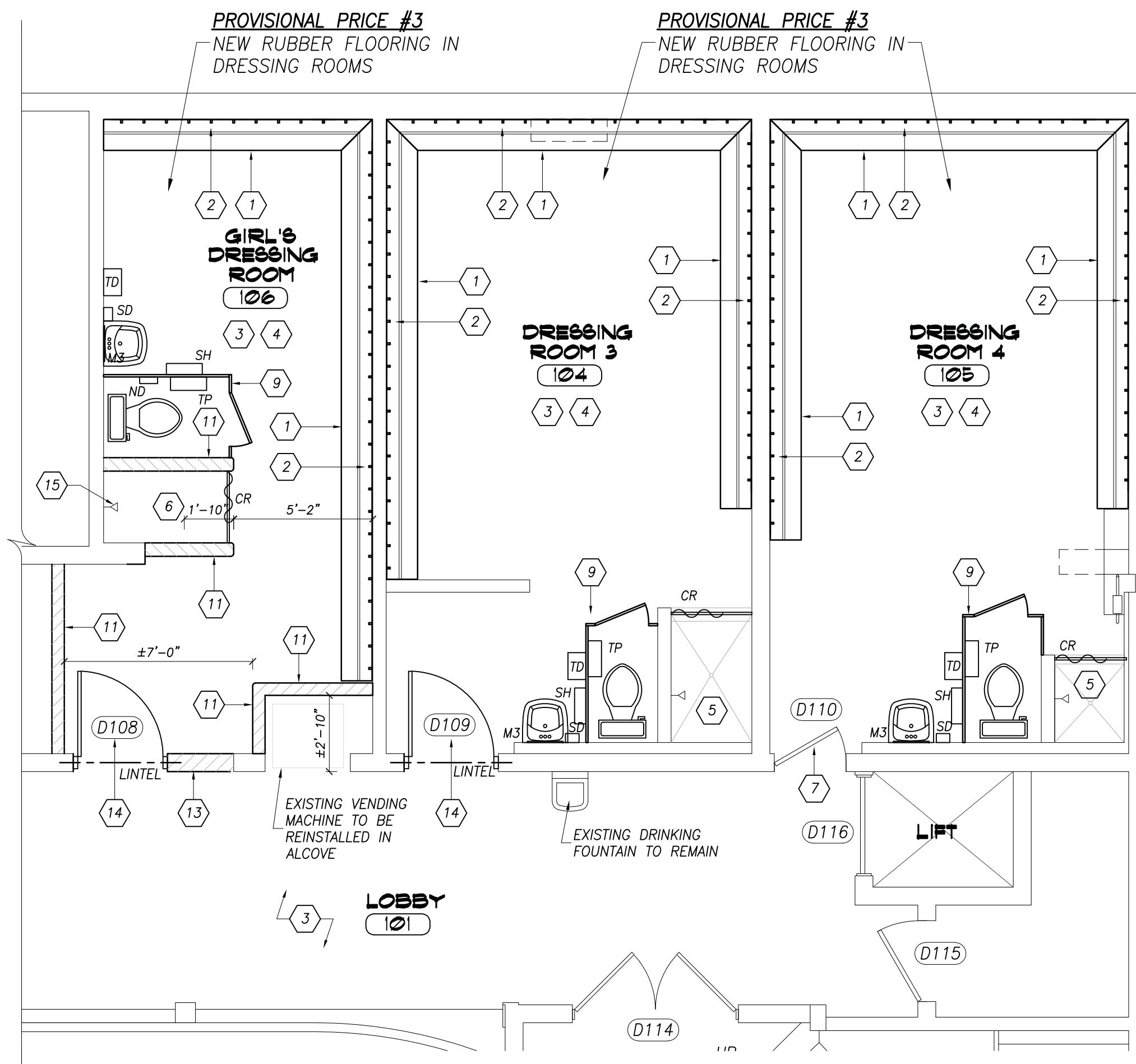
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BOBCAYGEON ONTARIO

FRONT CANOPY DETAILS

DATE FEBRUARY 2025	DRAWN BY T.P.	DRAWING No. 3.0
PROJECT No. 25023	CHECKED BY H.A.P.H.	

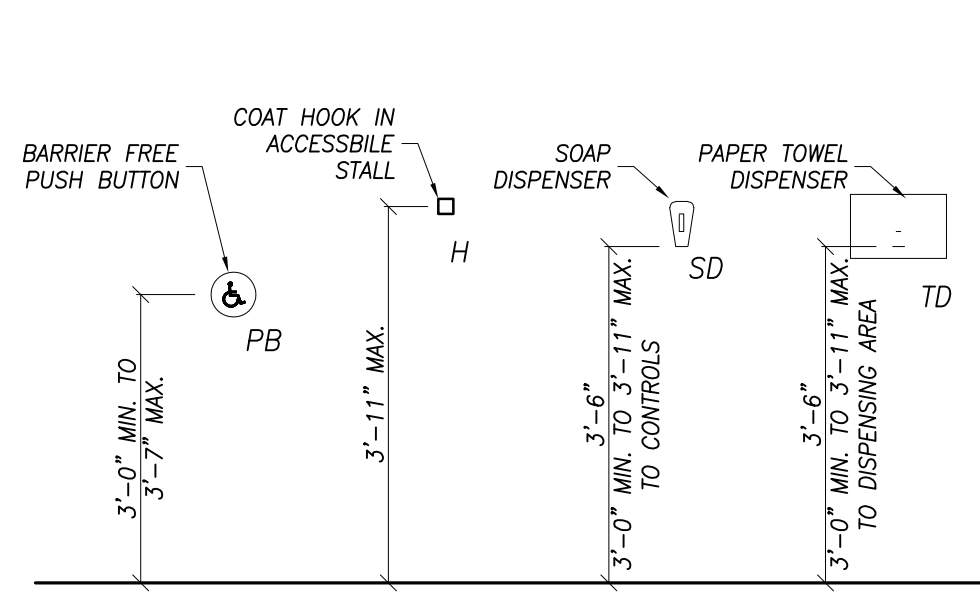


ENLARGED WASHROOM & DRESSING ROOM PLAN A
SCALE: 1/4"=1'-0"



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

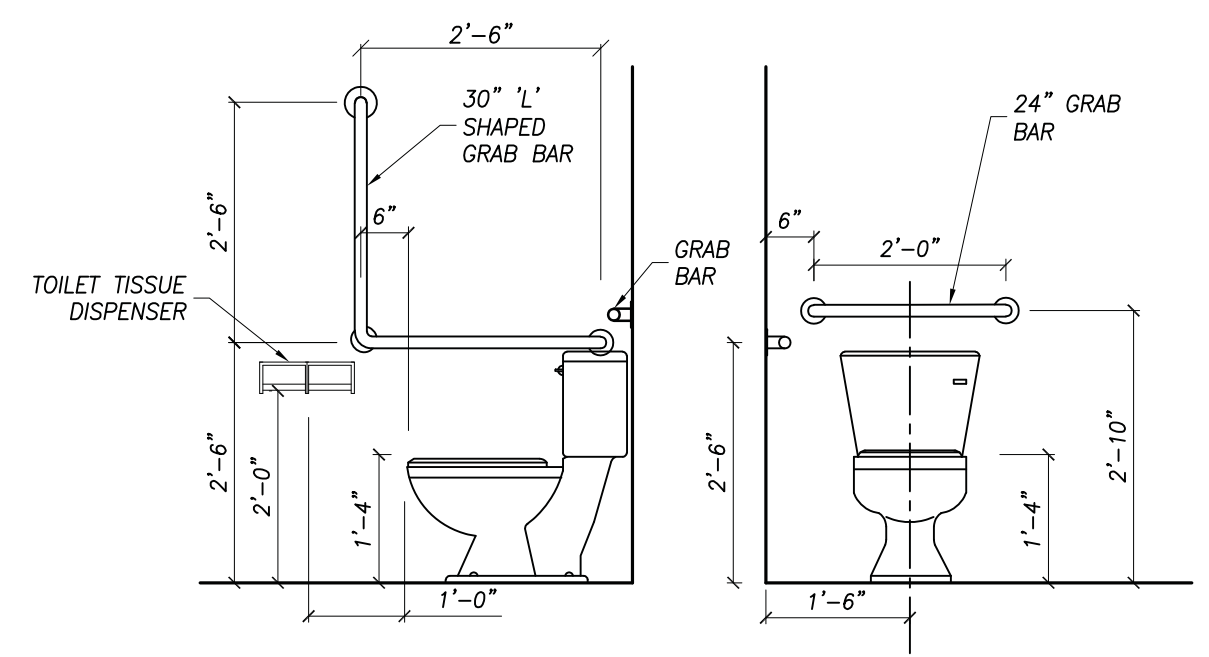
- FLOOR PLAN NOTES**
- 1 NEW BENCHES. REFER TO DETAIL ON DWGS. A4.0
 - 2 PROVIDE NEW WALL MOUNTED COLLAPSIBLE HOOKS. HOOKS TO BE MODEL F1150 BY FROST, SPACED 10" O/C
 - 3 EXISTING WALLS TO BE REPAINTED. REPAIR, CLEAN & MAKE GOOD EXISTING SURFACE READY TO RECEIVE NEW FINISH.
 - 4 NEW SIGNAGE FOR DRESSING ROOMS TO BE SUPPLIED BY OWNER TO BE INSTALLED BY G.C. AFTER PAINTING IS COMPLETE
 - 5 RE-TILE EXISTING SHOWER INCLUDING FLOOR, THRESHOLD & WALLS. PROVIDE WATERPROOFING ON WALLS & FLOOR PRIOR TO TILING (REFER TO FINISHES NOTES ON DWG. A5.0). RE-USE THE EXISTING THRESHOLD IF IN GOOD CONDITION.
 - 6 SHOWER STALL TO BE REBUILT. PROVIDE CERAMIC TILE FINISH ON WALLS & FLOORS C/W A 2" HIGH CURB AT FRONT OF STALL CONSTRUCTED WITH WOOD STUDS. PROVIDE WATERPROOFING ON WALLS & FLOOR (REFER TO FINISHES NOTES ON DWG. A5.0)
 - 7 DOOR HARDWARE TO BE CLEANED OR REPLACED AS PER THE DOOR SCHEDULE ON DWGS. A5.0. WHERE HARDWARE IS REMOVED, REPAIR & MAKE GOOD ADJACENT SURFACES, READY FOR NEW PAINT FINISH.
 - 8 NEW VANITY, SINKS & FAUCETS. REFER TO MECHANICAL DRAWINGS & VANITY DETAIL
 - 9 NEW TOILET PARTITIONS. FINISH TO MATCH EXISTING PARTITIONS IN PUBLIC WASHROOMS. NOTE: PARTITIONS TO NOTCH AROUND CONCRETE LEDGE AT BASE OF EXTERIOR WALLS IN THE MEN'S & WOMEN'S WASHROOMS (ROOM NO. 107 & 108)
 - 10 PROVIDE NEW GYPSUM BOARD ON METAL STUDS TO FINISH END OF EXISTING PLUMBING CHASE. RE-INSTALL SALVAGED WALL PANELS TO PROVIDE A CONTINUOUS FINISH. ENSURE SALVAGE PANELS ARE IN GOOD CONDITION AND FINISH IS TIDY & CONSISTANT
 - 11 NEW 6" CONC. BLOCK PARTITION WALLS. PROVIDE A BULLNOSE AT OUTSIDE CORNERS (REFER TO DWG. A2.1 FOR LOCATIONS)
 - 12 INSTALL NEW DOOR TIGHT TO WALL
 - 13 IN-FILL EXISTING OPENING AS REQUIRED WITH CONC. BLOCK TO MATCH EXISTING.
 - 14 EXISTING DOOR OPENING TO BE ENLARGED TO ACCOMMODATE NEW DOOR (REFER TO DOOR SCHEDULE). PROVIDE NEW LINTEL AND FINISH OPENING. REFER TO LINTEL SCHEDULE ON DWG. 2.1
 - 15 REWORK PLUMBING FOR NEW SHOWER HEAD IN CONCRETE BLOCK WALL. REFER TO MECHANICAL DRAWINGS.



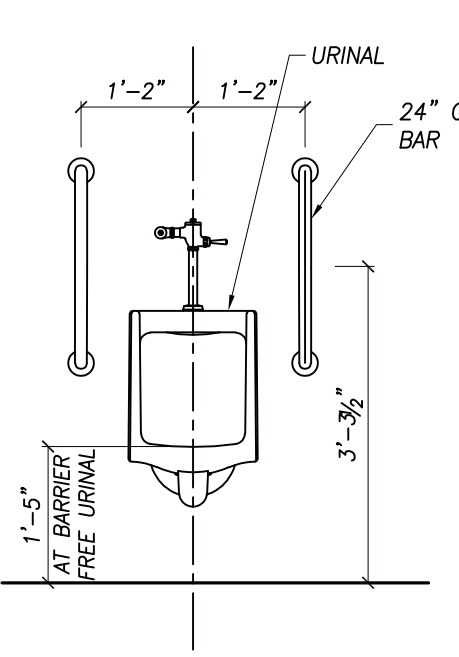
WASHROOM ACCESSORIES

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

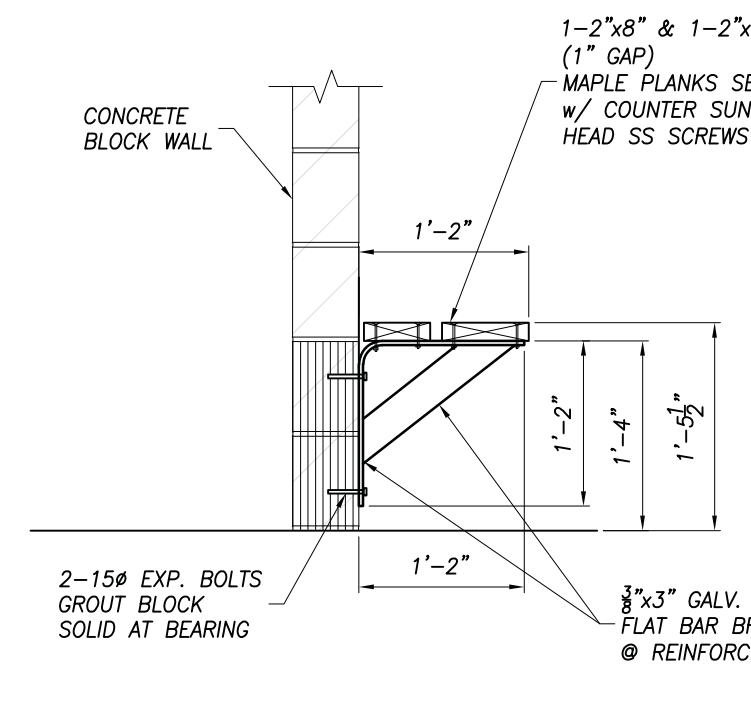
WASHROOM ACCESSORIES TO BE SUPPLIED BY OWNER & INSTALLED BY G.C. UNLESS OTHERWISE NOTED.



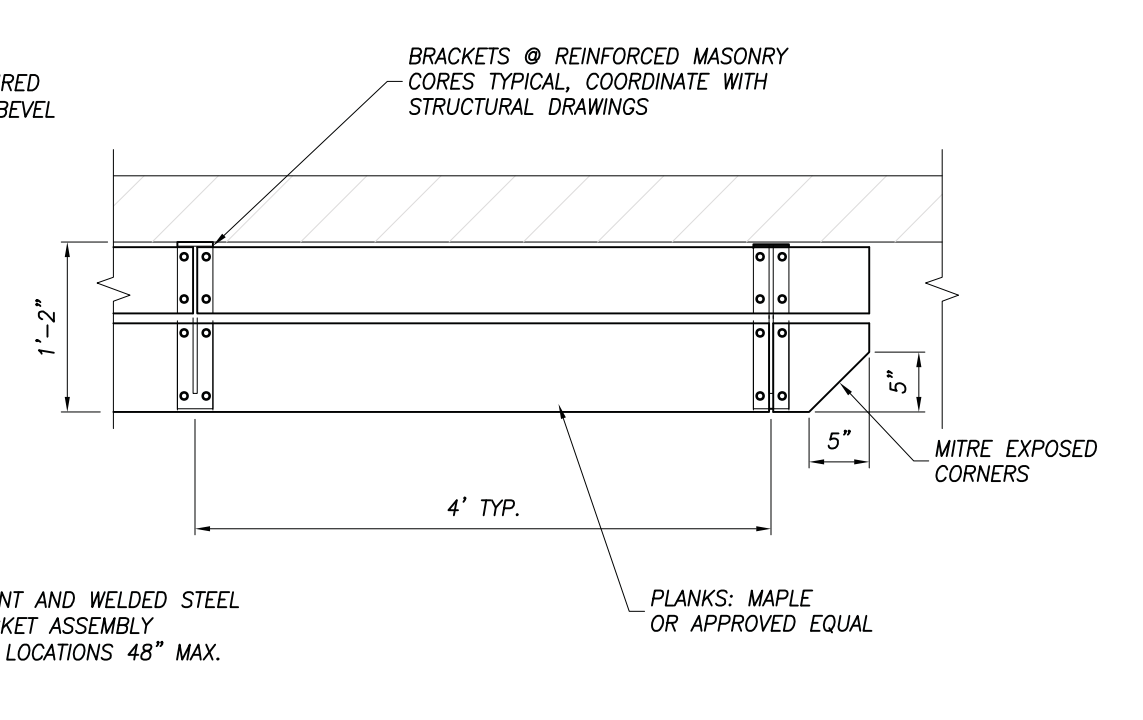
TYPICAL ACCESSORY MOUNTING HEIGHTS
SCALE: 1/2"=1'-0"



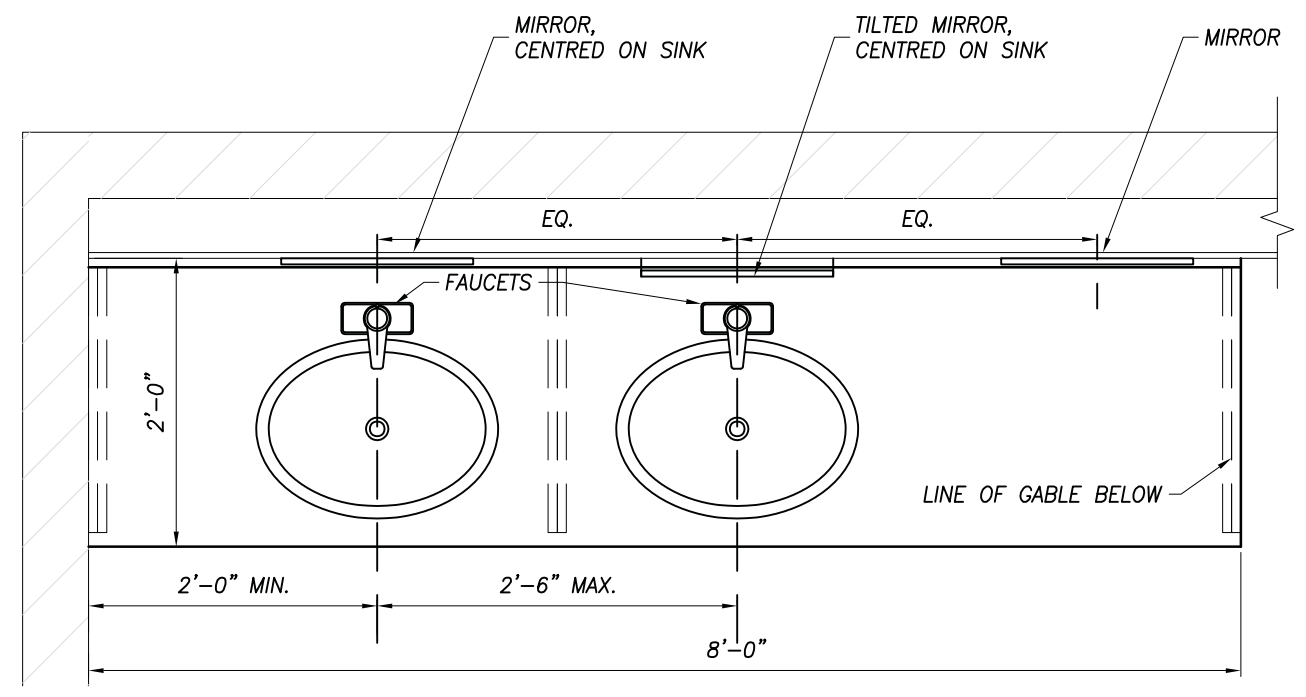
VANITY PLAN - MEN'S WASHROOM



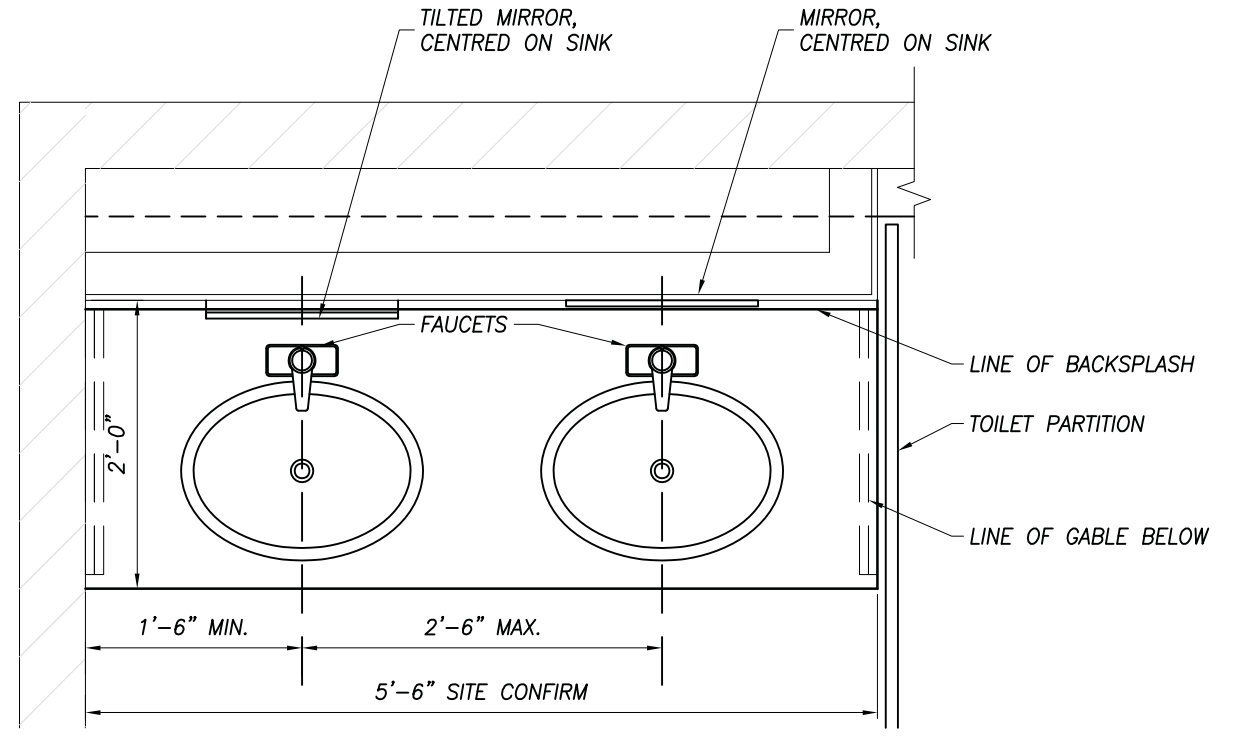
BRACKET SECTION



BRACKET PLAN



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



VANITY PLAN - WOMEN'S WASHROOM

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

TRUE NORTH
CONST. NORTH

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BOBCAYGEON COMMUNITY CENTER

51 MANSFIELD STREET
BOBCAYGEON ONTARIO

ENLARGED PLANS & DETAILS

DATE: FEBRUARY 2025	DRAWN BY: T.P.	DRAWING No. 4.0
PROJECT No. 25023	CHECKED BY: H.A.P.H.	

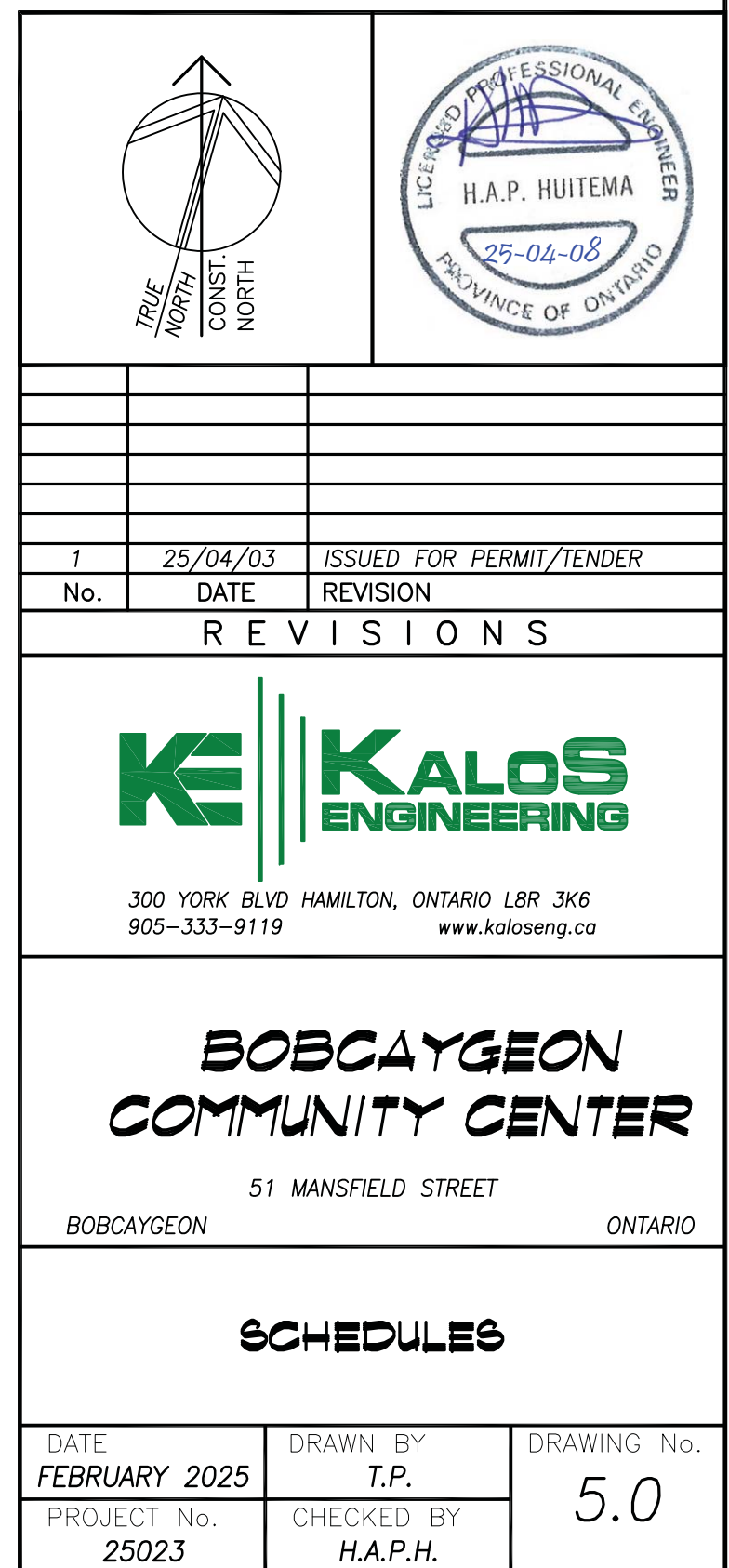
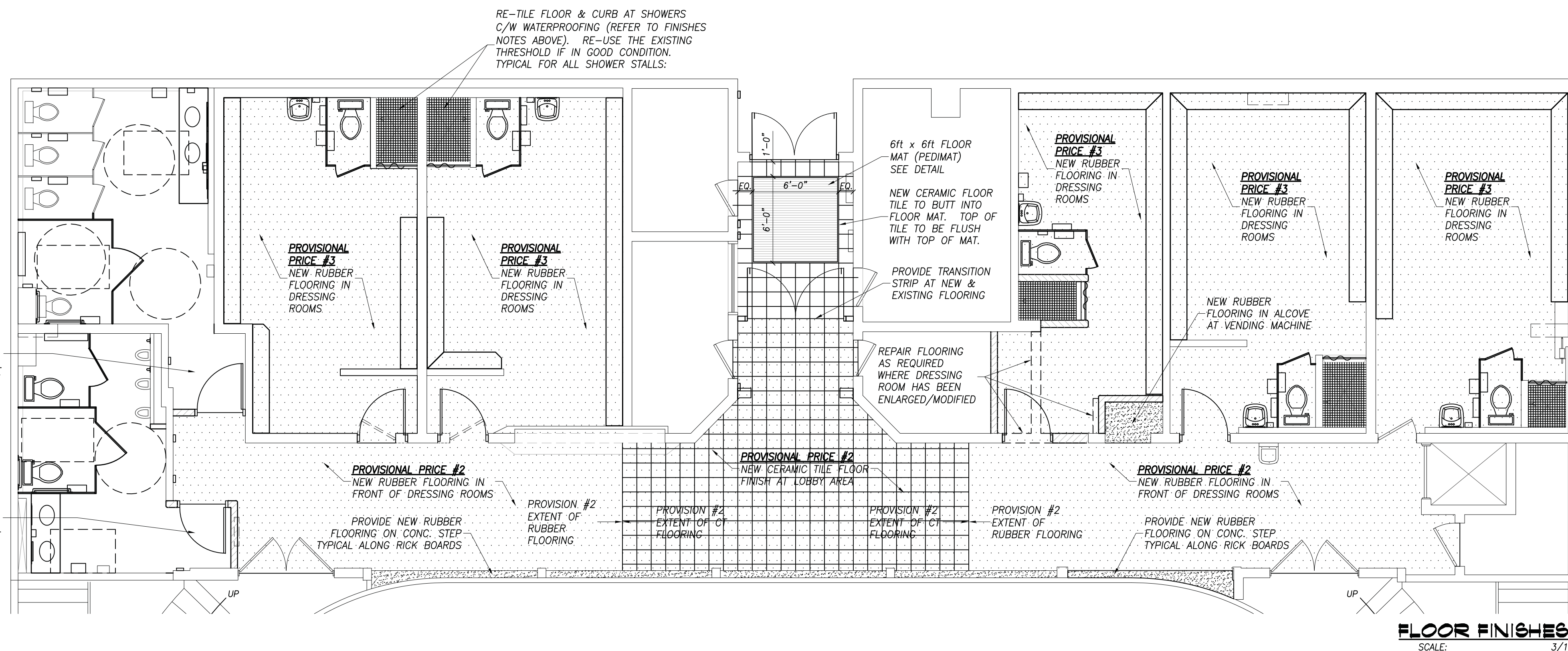
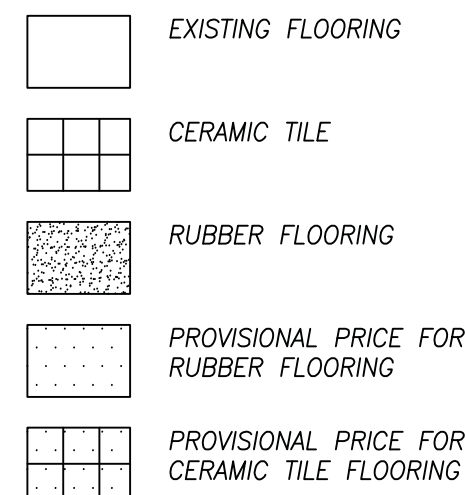
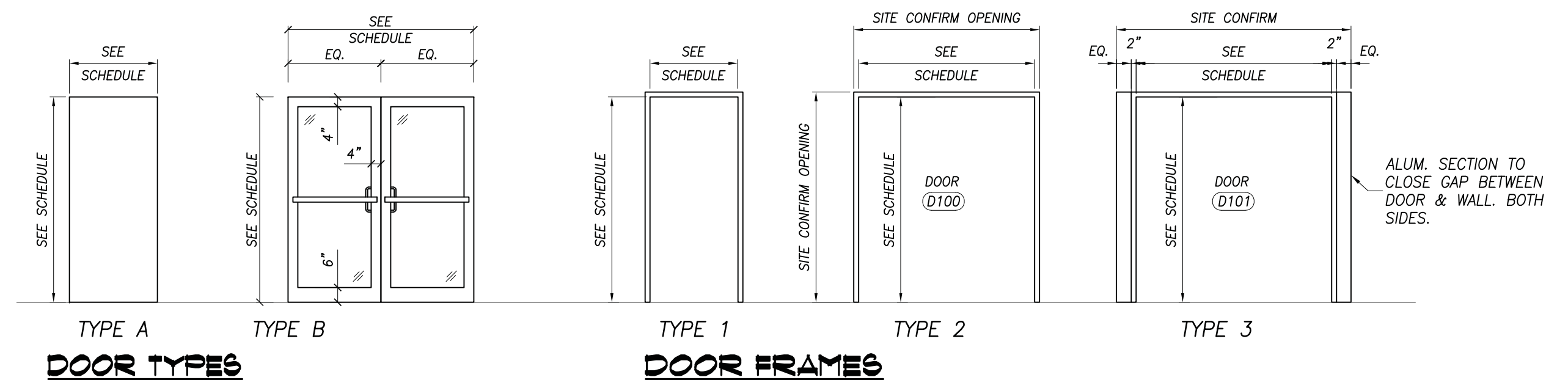
ROOM No.	ROOM	FLOOR	BASE	WALLS		CEILING		REMARKS
				MATERIALS	FINISH	MATERIALS	FINISH	
	GROUND FLOOR					REFER TO CEILING PLAN FOR ADDITIONAL INFORMATION		
100	NEW VESTIBULE	NEW CT C/W FLOOR MAT	N/A	EX. BLOCK WALL	NEW PAINT	NEW GYP. BD.	NEW PAINT	REFER TO FLOOR FINISHES PLAN & MAT DETAIL
101	LOBBY	SEE REMARKS SEE PROVISIONAL PRICE #2	N/A	EX. BLOCK WALL	NEW PAINT	SEE PROVISIONAL PRICE #1	NEW PAINT	PROVIDE NEW RUBBER FLOORING ON CONC. STEP AT RINK BOARDS. REFER TO FLOOR FINISHES PLAN FOR PROVISIONAL FLOOR FINISHES
102	DRESSING ROOM 1	SEE PROVISIONAL PRICE #3	N/A	EX. BLOCK WALL	NEW PAINT & CT	NEW GYP. BD.*	NEW PAINT	*REPLACE EXISTING CEILING WITH MOISTURE RESISTANT GYP. BD.
103	DRESSING ROOM 2	SEE PROVISIONAL PRICE #3	N/A	EX. BLOCK WALL	NEW PAINT & CT	NEW GYP. BD.*	NEW PAINT	*REPLACE EXISTING CEILING WITH MOISTURE RESISTANT GYP. BD.
104	DRESSING ROOM 3	SEE PROVISIONAL PRICE #3	N/A	EX. BLOCK WALL	NEW PAINT & CT	NEW GYP. BD.*	NEW PAINT	*REPLACE EXISTING CEILING WITH MOISTURE RESISTANT GYP. BD.
105	DRESSING ROOM 4	SEE PROVISIONAL PRICE #3	N/A	EX. BLOCK WALL	NEW PAINT & CT	NEW GYP. BD.*	NEW PAINT	*REPLACE EXISTING CEILING WITH MOISTURE RESISTANT GYP. BD.
106	GIRL'S DRESSING ROOM	SEE PROVISIONAL PRICE #3	N/A	EX. BLOCK WALL	NEW PAINT & CT	NEW GYP. BD.*	NEW PAINT	*REPLACE EXISTING CEILING WITH MOISTURE RESISTANT GYP. BD.
107	MEN'S WASHROOM	EX. TO REMAIN	N/A	EX. BLOCK WALL & PRE-FIN PANELS AT URINALS	NEW PAINT (BLOCK & GYP. BD WALLS)	EX. SACT	SEE REMARKS	CLEAN & PAINT EXISTING T-BAR GRID AND REPLACE EXISTING CEILING TILES WITH NEW TILES. MODIFY GRID AS REQUIRED WHERE WALLS HAVE BEEN MODIFIED. REFER TO CEILING PLAN.
108	WOMEN'S WASHROOM	EX. TO REMAIN	N/A	EX. BLOCK WALL	NEW PAINT	EX. SACT	SEE REMARKS	CLEAN & PAINT EXISTING T-BAR GRID AND REPLACE EXISTING CEILING TILES WITH NEW TILES. MODIFY GRID AS REQUIRED WHERE WALLS HAVE BEEN MODIFIED. REFER TO CEILING PLAN.
109	ELECTRICAL ROOM			EXISTING TO REMAIN				
110	MECHANICAL ROOM			EXISTING TO REMAIN				
111	OFFICE			EXISTING TO REMAIN				
112	STORAGE			EXISTING TO REMAIN				
	SECOND FLOOR							
201	MAIN HALL			EXISTING TO REMAIN				SEE PROVISIONAL PRICE #5 FOR LIGHTING
202	KITCHEN			EXISTING TO REMAIN				
203	MEN'S WASHROOM			EXISTING TO REMAIN				
204	WOMEN'S WASHROOM			EXISTING TO REMAIN				
205	STORAGE			EXISTING TO REMAIN				

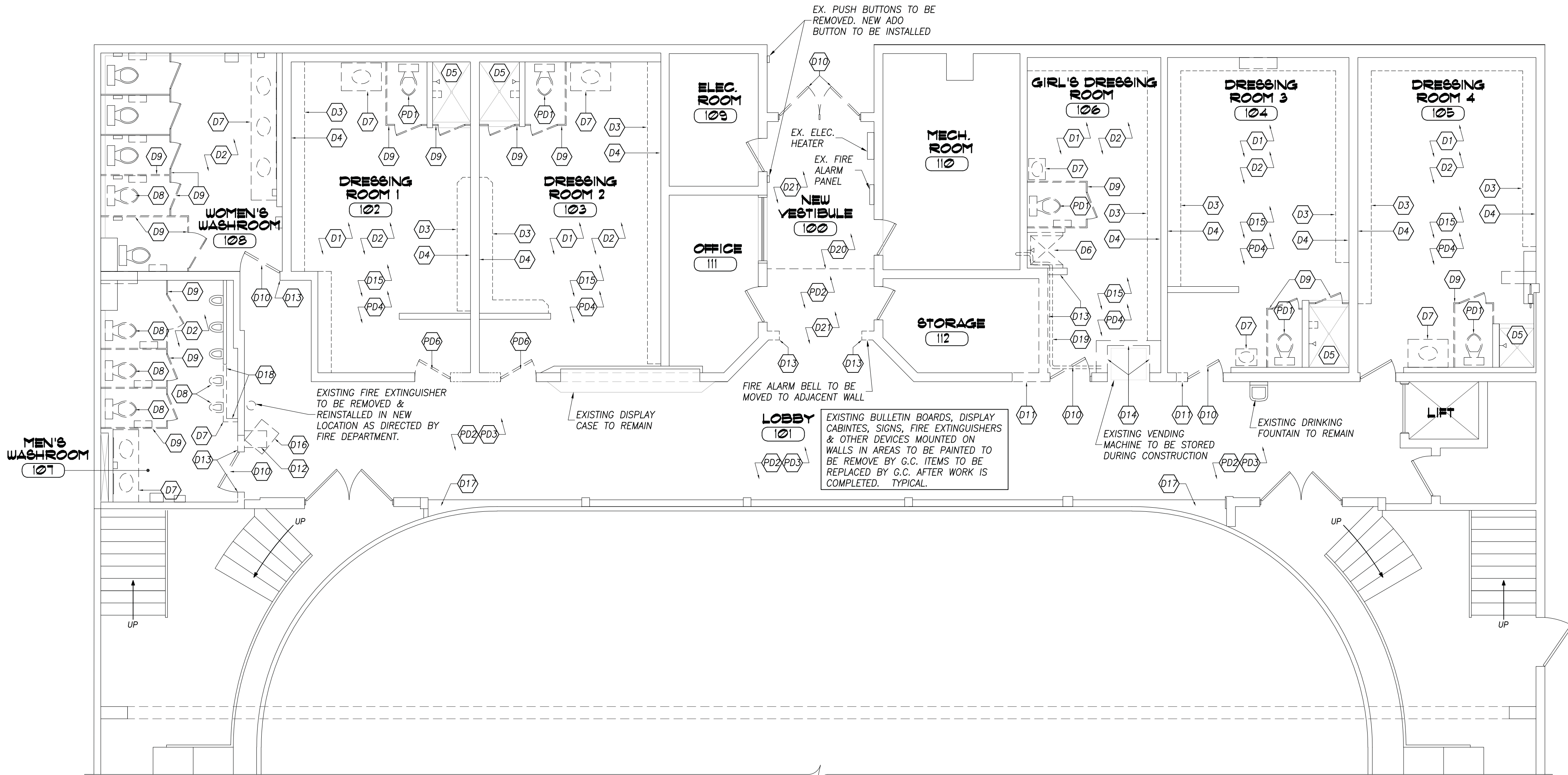
NUMBER											FRAME			RATING	REMARKS	HARDWARE
NUMBER	FROM	TO	TYPE	WIDTH	HEIGHT	THICK	MATERIAL	FINISH	GLAZED	RATING	TYPE	MATERIAL	FINISH			
D100	EXTERIOR	NEW VESIBULE	B	±3'-0" PR	±6'-8"	1 1/2"	AL	ANOD.	TG		2	AL	ANOD.	-	EXISTING OPENING, SITE CONFIRM DIMENSIONS	1, 2, 4, 5, 6, 7, 8, 12, 17 HARDWARE BY ALUM. DOOR SUPPLIER EXCLUDING ADD
D101	NEW VESTIBULE	LOBBY	B	3'-4" PR	6'-8"	1 1/2"	AL	ANOD.	TG	-	3	AL	ANOD.	-	-	1, 2, 12, 13, 17 HARDWARE BY ALUM. DOOR SUPPLIER EXCLUDING ADD
D102	ENTRANCE	ELEC. ROOM	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	-
D103	ENTRANCE	MECH. ROOM	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	-
D104	ENTRANCE	OFFICE	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	-
D105	ENTRANCE	STORAGE	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	-
D106	LOBBY	DRESSING RM 1	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	REUSE HARDWARE EXCEPT AS NOTED	13, 14, 16, 18, SEE NOTE 1
D106 PP#7	LOBBY	DRESSING RM 1	A	3'-2"	6'-8"	1 1/2"	HM	PT	-	-	-	HM	PT	-	REFER TO PROVISIONAL PRICE #7	1, 2, 12, 13, 14, 15, 16, 18
D107	LOBBY	DRESSING RM 2	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	REUSE HARDWARE EXCEPT AS NOTED	13, 14, 16, 18, SEE NOTE 1
D107 PP#7	LOBBY	DRESSING RM 2	A	3'-2"	6'-8"	1 1/2"	HM	PT	-	-	-	HM	PT	-	REFER TO PROVISIONAL PRICE #7	1, 2, 12, 13, 14, 15, 16, 18
D108	LOBBY	GIRL'S DR. RM.	A	3'-2"	6'-8"	1 1/2"	HM	PT	-	1	HM	PT	PT	-	-	1, 2, 12, 13, 14, 15, 16, 18
D109	LOBBY	DRESSING RM 3	A	3'-2"	6'-8"	1 1/2"	HM	PT	-	-	1	HM	PT	-	-	1, 2, 12, 13, 14, 15, 16, 18
D110	LOBBY	DRESSING RM 4	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	REUSE HARDWARE EXCEPT AS NOTED	13, 14, 16, 18, SEE NOTE 1
D111	LOBBY	WOMEN'S WR.	A	3'-2"	6'-8"	1 1/2"	HM	PT	-	-	1	HM	PT	-	-	1, 8, 12, 13, 14, 16, 17
D112	LOBBY	MEN'S WR.	A	3'-2"	6'-8"	1 1/2"	HM	PT	-	-	1	HM	PT	-	-	1, 8, 12, 13, 14, 16, 17
D113	ARENA	LOBBY	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	14 (ONE PER DOOR)
D114	ARENA	LOBBY	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	14 (ONE PER DOOR)
D115	ROOM	LOBBY	EX.	EX.	EX.	EX.	EX.	PT	-	EX.	EX.	EX.	PT	-	-	-
D116	LIFT	LOBBY	EX.	EX.	EX.	-	-	PT	-	EX.	EX.	EX.	PT	-	-	-

1. FINISH COLOURS TO BE SELECTED BY OWNER.
2. TWO (2) PAINT COLOURS TO BE SELECTED FOR WALLS. LOCATION PER OWNER'S DIRECTIONS
3. CERAMIC TILE (CT) IN DRESSING ROOMS (ROOM NO. 102 TO 106) TO BE INSTALLED ON FLOOR & WALLS OF SHOWER STALLS. PROVIDE A WATERPROOFING MEMBRANE LINER UNDER TILE AT FLOOR & EXTEND UP WALL & OVER CURB. SLOPE SHOWER FLOOR TO DRAIN WITH MORTAR UNDER LINER.
4. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

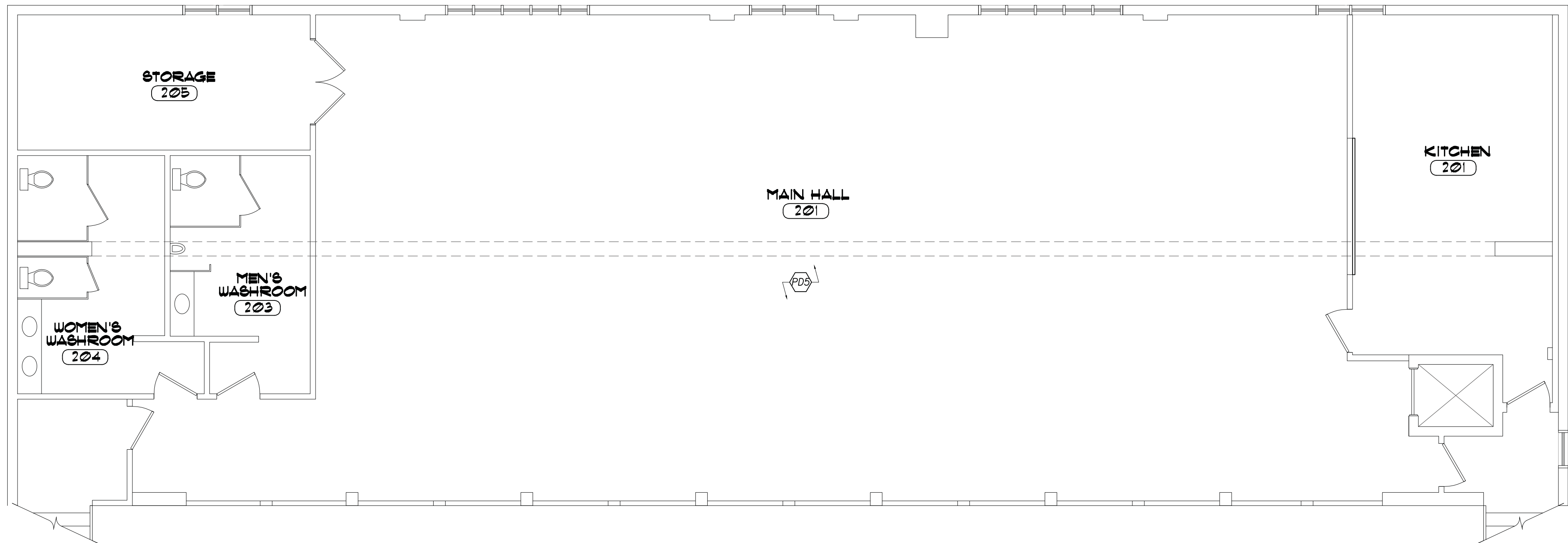
ABBREVIATIONS:	HARDWARE LEGEND:
ADO – AUTOMATIC DOOR OPERATOR	1 – HINGES
AL – ALUMINUM	2 – CLOSER
ANOD – ANODIZED	3 – LOCKSET
CB – CONCRETE BLOCK	4 – CYLINDER LOCKSET W/ DEAD BOLT, THUMB TURN, KEYED.
CONC. – CONCRETE	5 – PROVIDE A MASTER KEY FOR OWNER
CT – CERAMIC TILE	5 – THRESHOLD AND BRUSH SWEEP
EXP. – EXISTING	6 – WEATHER STRIPPING
EXT – EXTERIOR	7 – EXIT DEVICE PANIC BAR WITH ALLEN KEY
CB – GYPSUM BOARD	8 – WALL STOP
GL – GLASS	9 – FLOOR STOP
HM – HOLLOW METAL	10 – LEVER DOOR HANDLES WITH LOCKSET
HR – HOUR	11 – LEVER DOOR HANDLE(S)
IG – INSULATED GLAZING	12 – PULL HANDLE
IHM – INSULATED HOLLOW METAL	13 – PUSH PLATE
IMP – INSULATED METAL PANEL	14 – KICK PLATE 36" HIGH, INSTALLED ON PUSH SIDE
PB – PUSH BUTTON	15 – CYLINDER LOCK
PF – PREFINISHED	16 – SIGNAGE, SUPPLIED BY OWNER, INSTALLED BY GC
PT – PAINT	17 – AUTOMATIC DOOR OPERATOR (ADO)
POWG – POWERED GEORGIAN WIRED GLASS	18 – ON PAIR OF DOORS, ADO TO BE INSTALLED ON ONE LEAF, REFER TO FLOOR PLAN FOR ACTIVE DOOR
P.F.IN. – PRE-FINISHED	
RO – ROUGH OPENING	18 – DROP DOWN DOOR HOLDER
SACT – SUSPENDED ACOUSTIC CEILING TILE	
TG – TEMPERED GLASS	
WG – WIRED GLASS	
WD – WOOD	
VCT – VINYL COMPOSITE TILE	
VCB – VINYL COVE BASE	
	NOTE 1: DRESSING ROOM DOORS TO REMAIN: EXISTING HARDWARE TO BE RE-USED INCLUDING HINGES, CLOSER, CYLINDER LOCK AND PULL. HARDWARE TO BE CLEANED & INSPECTED TO ENSURE IN GOOD WORKING ORDER. REPLACE MISSING OR BROKEN HARDWARE. EXISTING CHAIN & HOOKS TO HOLD OPEN DOORS TO BE REMOVED, REPAIR & MAKE GOOD DAMAGE TO DOOR & WALL. PROVIDE NEW KICK PLATE PER SCHEDULE.

- #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)**





GROUND FLOOR REMOVAL
FILE PLAN 3/16"=1'-0"



SECOND FLOOR REMOVAL
FILE 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, PARGED 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 (PARGED 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

- (PD1) REMOVE EXISTING WATER CLOSETS IN DRESSING ROOMS.
- (PD2) REMOVE EXISTING PLYWOOD/OSB CEILING AT ENTRANCE/LOBBY AREAS. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- (PD3) REMOVE EXISTING FLOOR FINISH AT IN LOBBY AREAS. REPAIR & MAKE GOOD FLOOR, READY TO RECEIVE NEW FLOOR FINISH. REFER TO FLOOR PLAN, DRAWING A2.1, FOR ADDITIONAL INFORMATION
- (PD4) REMOVE EXISTING FLOORING IN DRESSING ROOMS. REPAIR & MAKE GOOD EXISTING FLOOR, READY TO RECEIVE NEW FINISHES.
- (PD5) REPLACE EXISTING LIGHT FIXTURES IN T-BAR CEILING AT MAIN HALL ON SECOND FLOOR. REFER TO CEILING PLAN, DRAWING A2.2, FOR ADDITIONAL INFORMATION
- (PD6) 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

- BEFORE COMMENCING WORK ENSURE IN EXAMINATION OF THE SITE THAT ALL POSSIBLE FACTORS CONCERNING DEMOLITION 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
- 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.
- 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.
- REMOVE ALL DEMOLISHED MATERIAL OR ITEMS NOT SCHEDULED FOR SALVAGE OR RE-USE.
- IN NO CASE SHALL SALVAGED MATERIAL BE INCORPORATED INTO THE NEW WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF LOCAL CODES & REGULATIONS.
- IT IS NOT THE INTENT TO SHOW EVERY PIECE OR 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.
- PATCH/REPAIR/REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES. READY TO RECEIVE NEW FINISHES AS REQUIRED.
- TERMINATE, CAP AND REMOVE ALL ABANDONED ELECTRICAL CONDUIT, WIRING, OUTLETS, SWITCHES ETC, PLUMBING FIXTURES & PIPING ETC, HVAC DUCTWORK & CONTROLS ETC. AS REQUIRED.
- 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.

No.	DATE	ISSUED FOR PERMIT/TENDER
1	25/04/03	ISSUED FOR PERMIT/TENDER
		REVISION

300 YORK BLVD HAMILTON, ONTARIO L8R 3K6
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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.	

MECHANICAL SPECIFICATION

PART A GENERAL NOTES

1. PROVIDE LABOUR, MATERIAL AND EQUIPMENT REQUIRED TO PROVIDE A COMPLETE INSTALLATION WITH QUALITY WORKMANSHIP ACCEPTABLE TO OWNER AND CONSULTANT.
2. OBTAIN ALL PERMITS AND PAY ALL TAXES, FEES, AND OTHER COSTS INCURRED WITH THIS WORK. FILE ALL PLANS. OBTAIN ALL NECESSARY APPROVALS, CERTIFICATES. SUBMIT ALL FINAL CERTIFICATES TO THE CONSULTANT. COMPLY WITH RULES AND RECOMMENDATIONS OF THE BOARD OF FIRE UNDERWRITERS, THE LOCAL BUILDING CODE, AND ALL REQUIREMENTS OF THE LOCAL UTILITY COMPANY AND BY-LAWS. POST BUILDING PERMIT AT SITE IN ACCORDANCE WITH O.B.C. REQUIREMENTS.
3. VISIT THE SITE BEFORE SUBMITTING TENDERS TO EVALUATE ANY SITE CONDITIONS THAT MIGHT ARISE. INCLUDE ALL SITE CONDITIONS IN TENDER. EXTRAS WILL NOT BE ACCEPTED UNLESS BELIEVED TO BE REASONABLE BY THE OWNER AND CONSULTANT.
4. COORDINATE WITH OTHER CONTRACTORS INSTALLING EQUIPMENT OR MATERIAL AND ARRANGE EQUIPMENT IN PROPER RELATION WITH ALL OTHER TRADES. ENSURE SYSTEMS ARE SERVICEABLE.
5. CUTTING AND PATCHING SHALL BE BY THE CONTRACTOR REQUIRED TO INSTALL THE SERVICE.
6. THE DRAWINGS ARE DIAGMMATIC. THE SERVICES SHALL BE INSTALLED TO CONSERVE HEADROOM AND INTERFERE AS LITTLE AS POSSIBLE WITH THE FREE USE OF THE SPACES THROUGH WHICH THEY PASS.
7. PROVIDE TWO MARKED COPIES OF "RECORD DRAWINGS" SHOWING THE SYSTEM AS INSTALLED.
8. ALL EQUIPMENT AND MATERIAL SHALL BE NEW. REPLACE ALL DAMAGED EQUIPMENT.
9. MATERIAL AND EQUIPMENT ARE NAMED IN THE SPECIFICATION TO ESTABLISH AN ACCEPTABLE STANDARD OF MATERIALS AND THE QUALITY OF WORKMANSHIP BY WHICH TO ADHERE.
10. SUBMIT DIGITAL COPY OF SHOP DRAWINGS FOR ALL EQUIPMENT. THESE WILL BE REVIEWED BY THE CONSULTANT. RESUBMIT AS OFTEN AS MAY BE FOUND NECESSARY.
11. PROVIDE ALL NECESSARY PROTECTION FOR FINISHED OR UNFINISHED WORK. ALL OPENINGS IN PIPES, DUCTS AND EQUIPMENT SHALL BE CAPPED TO ENSURE SERVICES ARE KEPT CLEAN WHEN NOT IN USE.
12. MAINTAIN INSURANCE TO FULLY PROTECT THE CONTRACTOR, OWNER AND CONSULTANT FROM ANY AND ALL CLAIMS SUCH AS UNDER THE WORKMEN'S COMPENSATION ACT, ETC. POST PROJECT NOTIFICATION AT THE SITE IN ACCORDANCE WITH THE MINISTRY OF LABOUR REQUIREMENTS.
13. EXCAVATION AND BACK FILLING SHALL BE BY THE TRADE INSTALLING THE SERVICE.

- PROVIDE COMPACTED 'A' GRAVEL FOR BEDDING AND BACKFILLING AS INDICATED. REMOVE SURPLUS MATERIAL FROM SITE.
14. INSTRUCT THE OWNER'S STAFF IN THE CARE, MAINTENANCE AND OPERATION OF THE SYSTEMS.
15. SUBMIT THREE (3) COPIES OF OPERATING AND MAINTENANCE INSTRUCTIONS IN A 3 RING BINDER LABELED FOR THE PROJECT. WEATHER PROTECTION REQUIRED TO
16. REMOVE ALL PROTECTIVE COVERINGS, CLEAN AND POLISH ALL EQUIPMENT, FREE ALL OBSTRUCTIONS, CLEAN AND REPLACE ALL FILTERS WITH NEW, AND LEAVE ALL KEYS AND WRENCHES WITH THE OWNER.

17. ALL SURPLUS AND WASTE MATERIALS SHALL BE PROMPTLY REMOVED FROM THE PREMISES.
18. ALL AREAS NOT AFFECTED BY RENOVATION OR DEMOLITION SHALL REMAIN AS PRESENTLY INSTALLED UNLESS NOTED OTHERWISE.

19. THE OWNER WILL DECIDE WHICH ITEMS OR EQUIPMENT SLATED FOR REMOVAL THAT THEY WISH TO RETAIN AS THEIR PROPERTY AND THIS CONTRACTOR SHALL REMOVE ALL OTHER MATERIALS FROM THE PREMISES.

20. PROVIDE LAMICOID TAGS FOR IDENTIFICATION OF NEW EQUIPMENT ADDED.

21. ALL ELECTRICAL LINE AND LOW VOLTAGE WIRING WHICH IS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR AS SPECIFIED ELSEWHERE HEREIN SHALL BE RUN IN EMT CONDUIT TO STANDARDS OF DIVISION 16000.

22. WARRANTY ALL MATERIAL AND EQUIPMENT FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF SYSTEM.

23. EXCAVATING AND BACKFILLING
PROVIDE ALL EXCAVATING AND BACKFILLING INSIDE AND OUTSIDE THE BUILDING FOR PLUMBING PIPES. ALL BACKFILLING SHALL BE NEW CLEAN GRANULAR 'A' FILL BROUGHT IN SPECIFICALLY FOR THE PURPOSE OF BACKFILLING TO THE UNDERSIDE OF FLOOR SLAB. ALL BACKFILLING SHALL BE COMPACTED AT INTERVALS NOT MORE THAN 150 MM (6") LAYER TO THE SATISFACTION OF THE CONSULTANT. PROVIDE EXCAVATING AND BACKFILLING OUTSIDE THE BUILDING WITH GRANULAR A BROUGHT IN SPECIFICALLY FOR BACKFILLING TO A MINIMUM OF 450 MM (18") OVER THE PIPE. BACKFILLING OUTSIDE BUILDING OVER AND ABOVE THE 450 MM (18") BACKFILL AS PREVIOUSLY SPECIFIED HEREIN SHALL BE BY THE MECHANICAL CONTRACTOR. WHERE BACKFILLING OUTSIDE THE BUILDING IS NOT SPECIFIED UNDER DIVISION 2 THE MECHANICAL CONTRACTOR SHALL PROVIDE NEW CLEAN GRANULAR 'A' FILL TO GRADE LEVEL. BOTTOMS OF TRENCHES SHALL BE EXCAVATED SO THAT THE PIPE WILL BE SUPPORTED ON A 150 MM (6") COMPACTED BED OF CLEAN GRANULAR 'A' FILL. PROVIDE ALL NECESSARY PUMPING TO MAINTAIN EXCAVATION FREE OF WATER. SHOULD WATER BE ENCOUNTERED DURING

- EXCAVATION, THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL LABOUR AND MATERIAL INCLUDING ALL EQUIPMENT REQUIRED FOR DEWATERING THE EXCAVATION. AFTER THE WATER HAS BEEN REMOVED, THIS CONTRACTOR SHALL INSTALL A 300 MM (12") BASE OF COMPACTED 50 MM (2") CLEAR STONE COVERED WITH FILTER CLOTH BEFORE INSTALLING BACKFILL AS DETAILED AND/OR AS SPECIFIED. BE RESPONSIBLE FOR ALL WEATHER PROTECTION REQUIRED TO INSTALL PIPING AND/OR EQUIPMENT TO THE SATISFACTION OF THE CONSULTANT. BE RESPONSIBLE FOR PROVIDING ALL CLEAR STONE OR GRANULAR 'A' MATERIAL SUITABLE FOR APPLICATION TO REPLACE EXISTING SOIL NOT SUITABLE FOR BACKFILLING ABOVE THE 450 MM (18") BEDDING MATERIAL.

24. PIPE SLEEVES
PROVIDE SCHEDULE 40 STEEL PIPE SLEEVES AT POINTS WHERE PIPES PASS THROUGH MASONRY, CONCRETE AND AS INDICATED. GROUT SLEEVES IN PLACE. MINIMUM 6 MM (1/4") CLEARANCE ALL AROUND, BETWEEN SLEEVE AND UNINSULATED PIPE OR BETWEEN SLEEVE AND INSULATION. CAULK BETWEEN SLEEVE AND PIPE IN FOUNDATION WALLS AND BELOW GRADE FLOORS WITH WATERPROOF FIRE RETARDANT NON-HARDENING MASTIC.

PART B DEMOLITION NOTES

1. THIS PROJECT IS ONE OF A RETROFIT NATURE IN PART, AND WHICH WILL REQUIRE SOME DEMOLITION. ALLOW FOR ALL REMEDIAL WORK IN AREAS INDICATED ON THE DRAWINGS AND AS GENERALLY DEFINED IN THE RELEVANT SECTIONS OF THE SPECIFICATIONS.
2. THE SCOPE OF WORK IS ESSENTIALLY THE SELECTED DISCONNECTION AND/OR REMOVAL OF SERVICES AND/OR EQUIPMENT, PIPING, DUCTWORK ETC. AS INDICATED OR REQUIRED TO COMPLETE THE WORK.
3. THIS DIVISION IS TO LIAISE WITH THE OWNERS OR CONSULTANT FOR EQUIPMENT BEING REMOVED THAT MAY BE SUITABLE FOR REUSE TO THAT SPECIFIED OR HANDED OVER TO THE OWNER.
4. THIS DIVISION TO TAKE FULL RESPONSIBILITY FOR ANY SPECIAL TOOLS OR EQUIPMENT REQUIRED TO DISASSEMBLE OR REMOVE MATERIAL FROM BUILDING.
5. THE GENERAL EXECUTION OF THE DEMOLITION IS TO BE CARRIED OUT IN A CLEAN AND EFFICIENT MANNER.
6. DEMOLITION OF EXISTING CEILING, WALLS ETC., TO FACILITATE REMOVAL OF EXISTING SERVICES OR EQUIPMENT OR INSTALLATION OF NEW TO BE KEPT TO A MINIMUM AND THEN RESTORED TO MATCH EXISTING.
7. ALL OPENINGS OR HOLES CREATED BY REMOVAL OF EXISTING MECHANICAL SYSTEMS WHICH ARE NOT BEING REUSED ARE TO BE PATCHED WITH THE SAME MATERIAL SURROUNDING SURFACES.
8. PROTECT ALL EXISTING FURNISHINGS MATERIALS AND EQUIPMENT. ANY DAMAGE

- OCCURRING AS A RESULT OF THE WORK OF THIS DIVISION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THIS DIVISION.

9. WHERE WORK INVOLVES BREAKING INTO OR CONNECTING TO EXISTING SERVICES, CARRY OUT WORK AT TIMES DIRECTED BY THE OWNERS IN AN EXPEDIENT MANNER WITH MINIMUM DISRUPTION TO THE FACILITY AND SYSTEMS DOWNTIME.

10. WHERE UNKNOWN SERVICES ARE ENCOUNTERED, IMMEDIATELY ADVISE CONSULTANT AND CONFIRM FINDINGS IN WRITING.

11. WHERE THE LOCATION OF ANY SERVICES HAS BEEN SHOWN ON THE PLANS, SUCH INFORMATION IS NOT GUARANTEED. IT IS THIS DIVISION'S RESPONSIBILITY TO VERIFY LOCATIONS, INVERT ELEVATIONS, ETC., IMMEDIATELY AFTER MOVING ON SITE. SHOULD FOR ANY REASON THE INFORMATION OBTAINED NECESSITATES CHANGES IN PROCEDURE OR DESIGN, ADVISE THE CONSULTANT AT ONCE. IF VERIFICATION OF EXISTING CONDITIONS IS NOT DONE AT THE OUTSET AND ANY PROBLEMS ARISE, THE RESPONSIBILITY FOR SAME IS ENTIRELY THIS DIVISION'S.

12. DISCONNECT AND/OR REMOVE EQUIPMENT PIPING, DUCTWORK, ETC. AS INDICATED.

13. CAP AND CONCEAL ALL REDUNDANT AND OBSOLETE CONNECTIONS.

14. PROVIDE A LIST OF EQUIPMENT TO BE REMOVED TO THE OWNER, FOR HIS ACCEPTANCE OF SAME. REMOVE ALL EQUIPMENT FROM SITE WHICH THE OWNER DOES NOT RETAIN.

15. MAINTAIN EQUIPMENT TO BE RETAINED BY OWNER ON SITE WHERE DIRECTED BY CONSULTANT.

16. DEMOLITION OF ALL PARTS OF THE WORK MUST BE COMPLETED WITHIN THE CONFINES OF THE WORK AREA AND IN SUCH A WAY AS THE DUST PRODUCED AND RISK TO INJURY OF WILL NOT ADVERSELY AFFECT THE BUILDING USERS.

17. DEMOLISHED AREAS OF THE EXISTING BUILDING WILL REMAIN IN THEIR CURRENT AREAS MUST BE KEPT TO THE MINIMUM REQUIRED TO COMPLETE THE WORK.

18. DEMOLITION SHALL TAKE PLACE WITHIN AREAS ISOLATED FROM ALL OTHER AREAS WITH APPROPRIATE HOARDING, SCAFFOLDING, NETTING, FENCING OR OTHER MEANS OF SECURITY BETWEEN BUILDING USERS AND THE WORK.

19. CO-ORDINATE MAKING SAFE ELECTRICAL DEVICES, CAPPING PLUMBING AND REMOVAL OF FIXTURES PRIOR TO COMMENCEMENT OF DEMOLITION.

20. ALL PIPING AND EQUIPMENT TO BE REMOVED AND/OR ABANDONED SHALL BE DRAINED PRIOR TO CAPPING AND/OR ABANDONING. DISPOSAL OF ALL LIQUIDS SHALL BE TO THE APPROVAL OF AUTHORITY OF HAVING JURISDICTION AND/OR PROVINCIAL REGULATIONS.

21. DRAIN ALL EXISTING PIPING AND DRAINAGE SYSTEMS INCLUDING ALL RELATED EQUIPMENT AS REQUIRED TO FACILITATE SYSTEM RENOVATIONS.

- DISPOSAL OF EXISTING SYSTEM SHALL BE TO THE REQUIREMENTS OF THE LOCAL AND/OR PROVINCIAL REGULATIONS.

PART C PLUMBING NOTES

1. SERVICES
CONNECT TO EXISTING SERVICES WHERE SHOWN ON DRAWINGS. CONTRACTOR TO CONFIRM LOCATIONS AND ADJUST PIPE ROUTE TO SUIT EXISTING CONDITIONS.
2. CODES AND REGULATIONS
ALL WATER PIPING SHALL CONFORM AND BE INSTALLED TO THE ONTARIO PLUMBING CODE AND THE CANADIAN PLUMBING CODE, LATEST EDITION.
3. TESTING
FLUSHING AND DISINFECTING
MAINTAIN TESTABLE RP BACKFLOW PREVENTOR BETWEEN MUNICIPAL WATER AND NEW PLUMBING SYSTEM. ENSURE A MINIMUM OF 90% OF PLUMBING FIXTURES ARE INSTALLED. FLUSH WATER MAINS THROUGH AVAILABLE OUTLETS WITH A SUFFICIENT FLOW OF POTABLE WATER TO PRODUCE A VELOCITY OF 1.5 M/S, WITHIN PIPE FOR 10 MIN. OR UNTIL FOREIGN MATERIALS HAVE BEEN REMOVED AND FLUSHED WATER IS CLEAR WITH BACKFLOW PROTECTION. PROVIDE CONNECTIONS AND PUMPS FOR FLUSHING AS REQUIRED. OPEN AND CLOSE VALVES, AND OPERATE FIXTURES TO ENSURE THOROUGH FLUSHING. TAKE WATER SAMPLES AT REMOTE FIXTURES AND SERVICE CONNECTIONS.
4. PIPE AND FITTINGS: WATER PIPING: TYPE L COPPER WITH LEAD FREE SOLDER JOINTS.
5. VALVES
ISOLATION VALVES HOT AND COLD WATER: BRONZE BODY, CLASS 150, STAINLESS STEEL BALL, FULL PORT, PTFE SEAT AND PACKING, STEEL LEVER HANDLE. MILWAUKEE BA-455, CRANE, TOYO.
6. PLUMBING FIXTURES
FIXTURES AS LISTED ON THE DRAWINGS. ALL FIXTURES MUST BE NEW AND CLEAN WHEN THE WORK IS TAKEN OVER BY THE OWNER. ALL PLUMBING FIXTURES SHALL BE EQUIPPED WITH SUPPLY VALVES, FAUCETS, TRAPS, SUPPORTS, WATER CONNECTIONS, ESCUTCHEONS, HANGERS, BOLTS, ETC. FIXTURES SHALL BE CRANE OR EQUAL AMERICAN STANDARD, KOHLER, TRAPS: 2" DIAMETER AND SMALLER, SHALL BE CAST BRASS AND CHROME PLATED IN EXPOSED AREAS. ALL SINK TRAPS SHALL BE TWO PIECE CONSTRUCTION. ALL TRIM MUST BE CAMBRIDGE BRASS OR EQUAL ON COMPLETION ALL FIXTURES, ACCESSORIES AND EXPOSED PIPING SHALL BE THOROUGHLY CLEANED AND LEFT READY FOR USE. AFTER FINAL INSPECTION BY THE PLUMBING INSPECTOR CAULK AROUND BASE OF ALL FIXTURES TO THE WALL OR FLOOR WITH SILICONE CAULKING.

LEGEND

Item	Description
-----	ITEM TO BE REMOVED
	CUT EXISTING & CONNECT NEW PIPING
	FLOW DIRECTION
	POTABLE COLD WATER
	POTABLE HOT WATER
	POTABLE HOT WATER RECIRC.
	EXISTING POTABLE COLD WATER
	EXISTING POTABLE HOT WATER
	EXISTING POTABLE HOT WATER RECIRC.
--SAN-EX--	EXISTING SAN ABOVE FLOOR
--SAN-EX--	EXISTING SAN BELOW FLOOR
--SAN--	SANITARY ABOVE FLOOR
--SAN--	SANITARY BELOW FLOOR
FD	FLOOR DRAIN
	TRAP PRIMER
	TEE CONNECTION
	PIPE DOWN
	PIPE UP
	SCREWED OR WELDED PIPE CAP
	BALL VALVE
	BUTTERFLY VALVE
	GATE VALVE
	VALVE ON RISER
	BALANCING VALVE
	PRESSURE REDUCING VALVE
	PIPE CONTINUATION
AFF	ABOVE FINISHED FLOOR
AFR	ABOVE FINISHED ROOF

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 FIXTURE IN SUSPENDED CEILING IN MAIN HALL ON SECOND FLOOR (ROOM No. 201)
- #6 CONSTRUCT NEW ENTRANCE CANOPY
- #7 PROVIDE NEW WIDER DOORS AT DRESSING ROOM 1 (DR. No. 106) & DRESSING ROOM 2 (DR. No. 107)

GENERAL NOTES

- A. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PREPARED SPECIFICATION.
- B. SANITARY VENT PIPING IS NOT SHOWN. PROVIDE ALL NECESSARY VENT PIPING FROM ALL FIXTURES FOR A COMPLETE SYSTEM TO ALL LOCAL PLUMBING CODE & LOCAL AUTHORITY REQUIREMENTS, CONNECTED TO EXISTING VENTS OR NEW VENTS AS REQUIRED. CO-ORDINATE VENT LOCATION(S) WITH GENERAL CONTRACTOR. MAINTAIN MIN 14"-O FROM ANY AIR INLET. INSTALL VENT PIPING HIGH IN JOIST SPACE.
- C. CONTRACTOR TO LOCATE ISOLATION VALVES / FREEZE PIPING OR OTHERWISE DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED.
- D. UPON COMPLETION OF THE PROJECT OR UPON COMPLETION OF EACH INDIVIDUAL PHASE OF THE PROJECT THE CONTRACTORS SHALL PROVIDE THE FOLLOWING CERTIFICATES BEFORE CONFORMANCE LETTERS ARE ISSUED BY THE CONSULTANT:
- POTABLE WATER TEST (SEE SPEC 15142/22 11 16 PART 3)
- BACKFLOW TEST CERTIFICATE(S) FOR ALL TESTABLE DEVICES
ALL CERTIFICATES ARE TO BE SUBMITTED TOGETHER IN A SINGLE PACKAGE.

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. REMOVAL OF EXISTING PIPING SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- F. MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- G. INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.

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

REVISIONS

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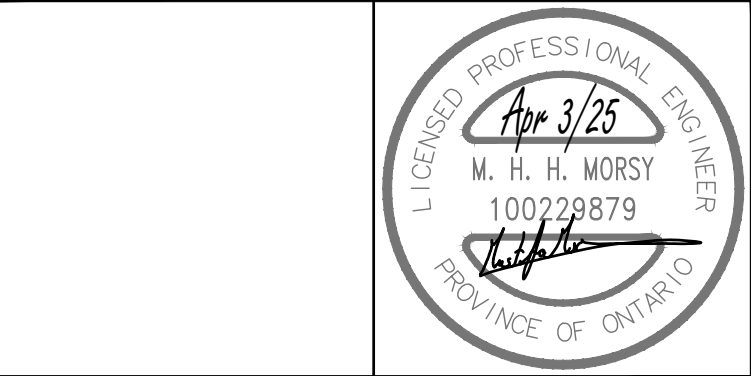
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LEGEND & SPECIFICATIONS

DATE	DRAWN BY	DRAWING No.
PROJECT No.	CHECKED BY	M1.01

PLUMBING FIXTURE SCHEDULE												
Item	Type	Connection Sizes					Fixture		Trim		Accessories	
		HW	CW	TW	Drain	Vent	Acceptable Manufacturer	Fixture Description	Acceptable Manufacturer	Trim Description	Acceptable Manufacturer	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 AM800STSCCSS	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 HANDED 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 BRENHAM 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 CA8301-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 PWV8902 TRUEBRO LAV GUARD	INSULATION: INSULATE WASTE AND SUPPLIES WITH UL LISTED PREFORMED INSULATION SYSTEM COMPLETE WITH SEAMLESS JACKET. WASTE FITTING: NPS 32 MM (1¼") 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.				

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1.	2025/03/11	ISSUED FOR 100% REVIEW
No.	DATE	REVISION
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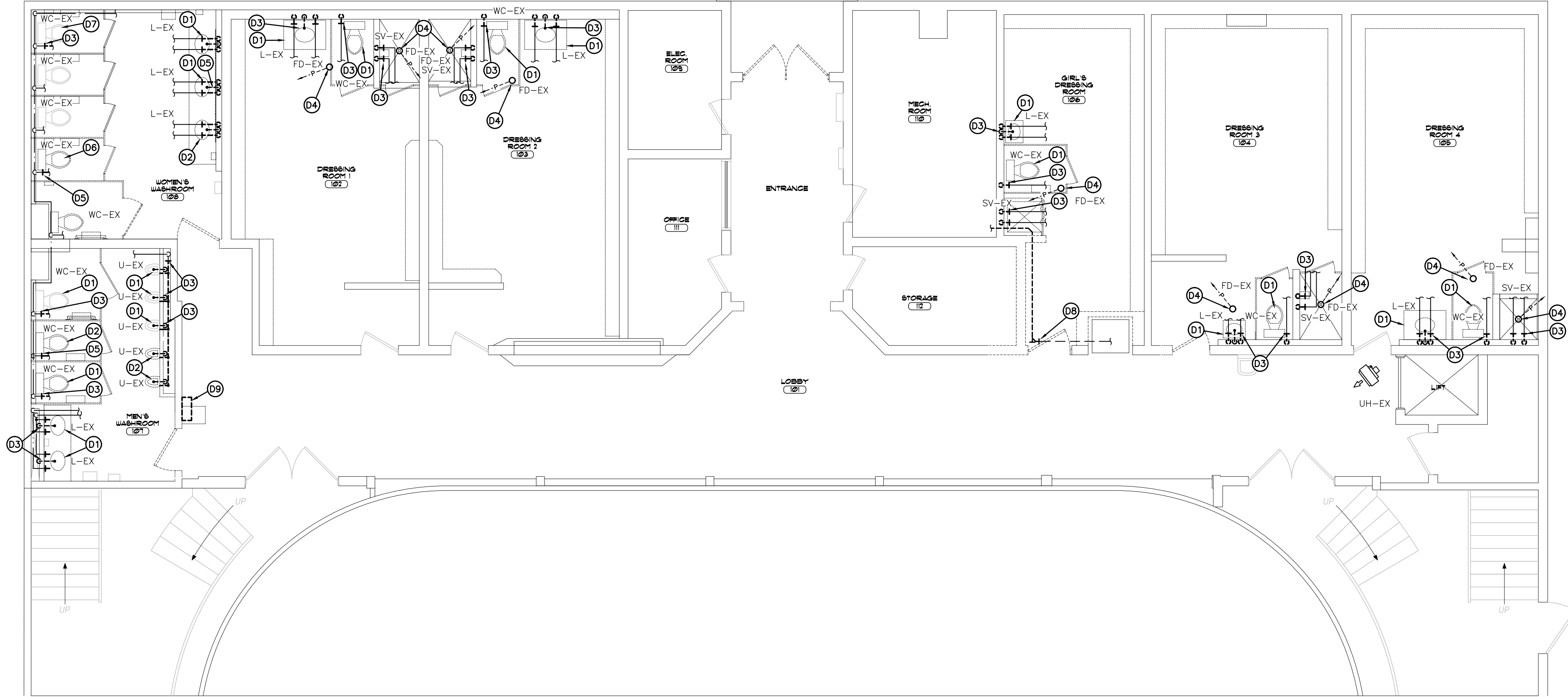
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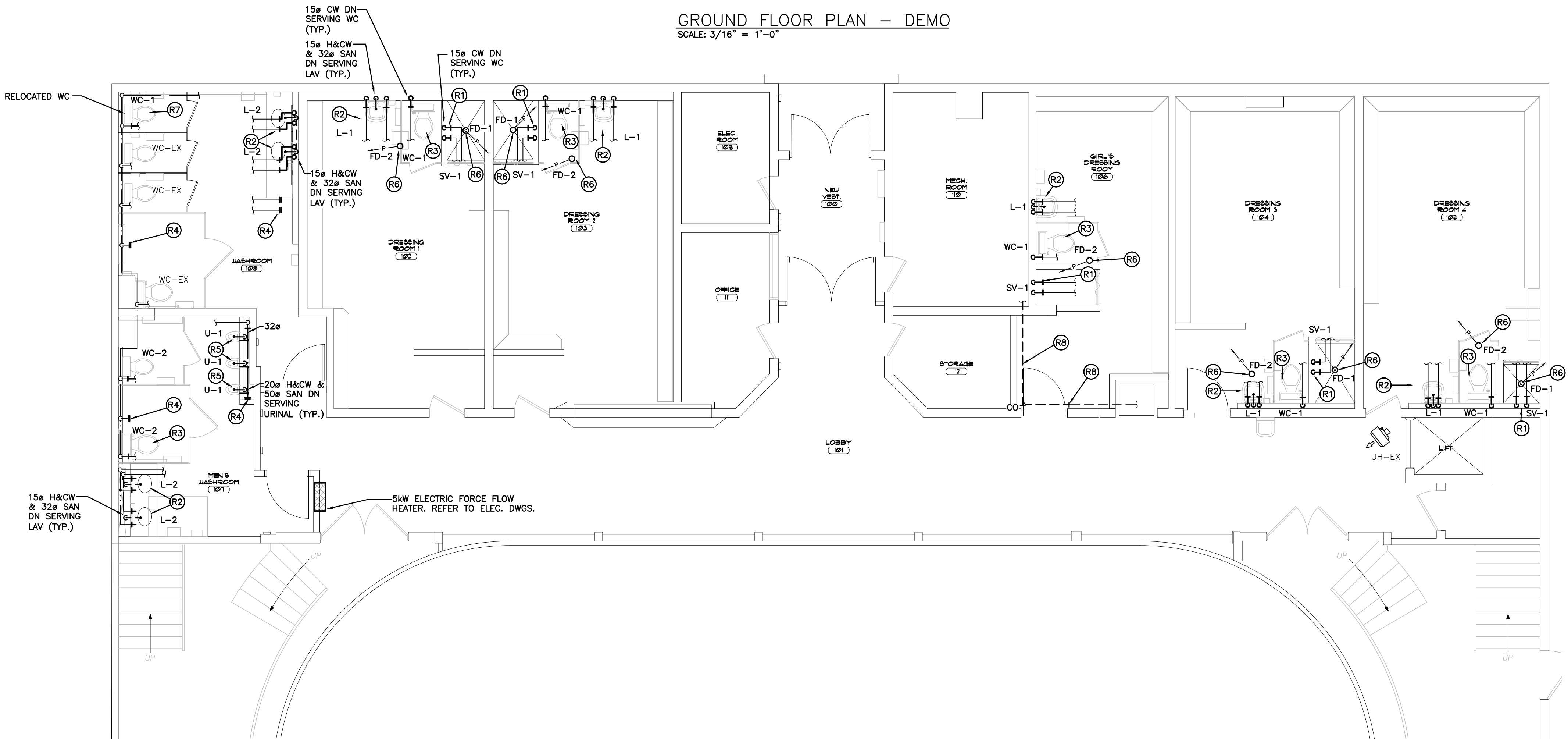
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SCHEDULES		
DATE	DRAWN BY	DRAWING No.
PROJECT No.	CHECKED BY	M1.02



GROUND FLOOR PLAN — DEMO
SCALE: 3/16" = 1'-0"



GROUND FLOOR PLAN — RENO
SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES

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

SPECIFIC DEMOLITION NOTES

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

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, & REFILLING WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

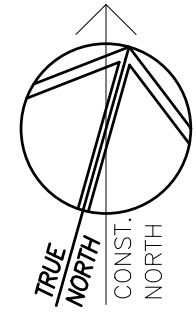
SPECIFIC RENOVATION NOTES

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

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MECHANICAL DEMOLITION & RENOVATION PLANS

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

ELECTRICAL SPECIFICATION

GENERAL NOTES

3. PROVIDE LABOUR MATERIAL AND EQUIPMENT REQUIRED TO PROVIDE A COMPLETE INSTALLATION WITH QUALITY WORKMANSHIP ACCEPTABLE TO THE OWNER, ARCHITECT AND CONSULTANT.
2. OBTAIN ALL PERMITS AND PAY ALL TAXES, FEES AND OTHER COSTS INCURRED WITH THIS WORK. FILE ALL PLANS. OBTAIN NECESSARY APPROVALS, CERTIFICATES AND INSPECTIONS. SUBMIT ALL FINAL CERTIFICATES TO THE CONSULTANT.
3. COMPLY WITH RULES AND RECOMMENDATIONS OF THE BOARD OF UNDERWRITERS, ELECTRICAL SAFETY AUTHORITY, THE CANADIAN STANDARDS ASSOCIATION AND ALL REQUIREMENTS OF THE LOCAL UTILITY.
4. VISIT THE SITE BEFORE SUBMITTING TENDERS TO EVALUATE ANY SITE CONDITIONS THAT MIGHT ARISE. INCLUDE ALL SITE CONDITIONS IN TENDER, EXTRAS WILL NOT BE ACCEPTED UNLESS BELIEVED TO BE REASONABLE BY THE OWNER AND CONSULTANT.
5. CUTTING AND PATCHING SHALL BE BY THE CONTRACTOR REQUIRING TO INSTALL THE SERVICE.
6. THE DRAWINGS ARE DIAGRAMMATIC. THE SERVICES SHALL BE INSTALLED TO CONSERVE HEADROOM AND INTERFERE AS LITTLE AS POSSIBLE WITH THE FREE USE OF THE SPACES THROUGH WHICH THEY PASS.
7. SUBMIT COPIES OF SHOP DRAWINGS AS PDF FILES VIA EMAIL FOR ALL MAJOR EQUIPMENT. THESE WILL BE REVIEWED BY THE CONSULTANT. RESUBMIT AS OFTEN AS MAY BE FOUND NECESSARY.
8. PROVIDE ALL NECESSARY PROTECTION FOR FINISHED OR UNFINISHED WORK. ALL OPENINGS IN CONDUITS, DUCTS AND EQUIPMENT SHALL BE CAPPED TO ENSURE SERVICES ARE KEPT CLEAN WHEN NOT IN USE.
9. MAINTAIN INSURANCE TO FULLY PROTECT THE CONTRACTOR, OWNER AND CONSULTANT FROM ANY AND ALL CLAIMS SUCH AS UNDER THE WORKMEN'S COMPENSATION ACT, ETC. POST PROJECT NOTIFICATION AT THE SITE IN ACCORDANCE WITH THE MINISTRY OF LABOUR REQUIREMENTS.
10. PROVIDE STRUCTURAL SUPPORTS, PLATFORMS, SUPPORTING RODS, HANGERS, INSERTS AND BRACKETS FOR EQUIPMENT AND SERVICES. DO NOT SUPPORT SERVICES FROM STEEL DECK.
11. INSTRUCT THE OWNER'S STAFF IN THE CARE, MAINTENANCE AND OPERATION OF THE SYSTEMS.
12. WARRANTY ALL LABOUR, MATERIAL AND EQUIPMENT FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF SYSTEM.
13. COORDINATE WITH OTHER CONTRACTORS INSTALLING EQUIPMENT OR MATERIAL AND ARRANGE EQUIPMENT IN PROPER RELATION WITH APPARATUS OF ALL OTHER TRADES.
14. PROVIDE LAMICOID TAGS FOR IDENTIFICATION OF NEW EQUIPMENT ADDED.
15. MOUNTING HEIGHTS SHALL BE AS FOLLOWS FROM FINISHED FLOOR TO CENTERLINE OF DEVICE/EQUIPMENT (UNLESS OTHERWISE NOTED):
 - SWITCHES: 1100mm (44")
 - WALL RECEPTACLES:
 - GENERAL: 400mm (16")
 - ABOVE TOP OF COUNTERS: 100mm (4")
 - IN MECHANICAL/ELECTRICAL ROOMS: 1100mm (44") (GANG WITH SWITCH).
16. ALL AREAS NOT AFFECTED BY RENOVATION OR DEMOLITION SHALL REMAIN AS PRESENTLY INSTALLED UNLESS OTHERWISE NOTED.
17. ALL EXISTING ELECTRICAL DEVICES, OUTLET BOXES, ETC., NOT SHOWN ON DRAWINGS OR MENTIONED IN THE FOLLOWING NOTES AND INSTALLED IN WALLS slated FOR DEMOLITION, SHALL BE DISCONNECTED AND REMOVED COMPLETELY IN ALL RESPECTS.
18. SUBMIT ONE COPY OF OPERATING AND MAINTENANCE INSTRUCTIONS IN A THREE RING BINDER LABELED FOR THE PROJECT. COMPLETE WITH ITEMIZED SECTIONS CONTAINING PROJECT DATA, SHOP DRAWINGS, ETC. UPON ACCEPTANCE OF THE OPERATION AND MAINTENANCE MANUAL BY THE CONSULTANT PROVIDE TWO ADDITIONAL COPIES BOUND IN SEPARATE THREE RING BINDERS. A PDF FILE OF THE ENTIRE MANUAL IS TO BE PROVIDED ON A USB STICK. ONLY ONE USB STICK IS TO BE PROVIDED CONTAINING BOTH THE APPROVED MANUALS AND RECORD DRAWINGS.
19. CONTRACTOR SHALL PROVIDE 2 SETS OF REPRODUCIBLE ELECTRICAL DRAWINGS. MARK THEREON ALL CHANGES AS WORK PROGRESSES AND AS CHANGES OCCUR. THIS SHALL INCLUDE FIELD AND CONTRACT CHANGES TO ELECTRICAL SYSTEMS. IDENTIFY EACH DRAWING IN LOWER RIGHT HAND CORNER IN LETTERS AT LEAST 3mm (1/8") HIGH AS FOLLOWS: - "RECORD DRAWINGS: THIS DRAWING HAS BEEN REVISIONED TO SHOW ELECTRICAL SYSTEMS AS INSTALLED. (SIGNATURE OF CONTRACTOR)(DATE)". SUBMIT HARD COPY TO CONSULTANT FOR APPROVAL. WHEN RETURNED, MAKE CORRECTIONS (IF ANY) AS DIRECTED. ONCE APPROVED, SUBMIT COMPLETED REPRODUCIBLE PAPER RECORD DRAWINGS AS WELL AS A SCANNED PDF COPY FILE ON USB STICK WITH OPERATING AND MAINTENANCE MANUALS.
20. CONTRACTOR SHALL PROVIDE RED LINE RECORD DRAWINGS OF EACH AND EVERY ELECTRICAL DRAWING FOR DEI CONSULTING ENGINEERS TO CAD THE RECORD DRAWINGS. THE CAD DRAWING FILES WILL BE PROVIDED TO THE OWNER AS PART OF THE MAINTENANCE MANUALS.
21. THE CONTRACTOR IS TO DETERMINE GENERAL INSPECTION FEES WITH THE ELECTRICAL SAFETY AUTHORITY AND INCLUDE AS PART OF TENDER.

PROVISIONAL PRICING

- 1 THIS CONTRACTOR IS TO INCLUDE ON THEIR TENDER SUBMISSION PROVISIONAL PRICING AS IDENTIFIED ON E101. FOLLOWING IDENTIFIED PRICES.

BASIC MATERIALS

- .1 JUNCTION, OUTLET AND PULL BOXES MUST BE APPROVED TO SUIT INSTALLATION METHODS AND ENVIRONMENT.
- .2 CONDUIT MUST BE CONCEALED UNLESS INSTALLED IN SERVICE OR STORAGE ROOMS.
- .3 CONDUIT MUST BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING LINES IN A NEAT AND WORKMANLIKE MANNER.
- .4 ALL FEEDER AND BRANCH CIRCUIT WIRING MUST BE COPPER, T90 RATING/STYLE RUN IN EMT CONDUIT WITH INTERNAL INSULATED GREEN GROUND WIRE UNLESS NOTED OTHERWISE. MINIMUM WIRE SIZE SHALL BE #12 AND MINIMUM CONDUIT SIZE SHALL BE 3/4" (19mm).
- .5 AC90 CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING IN STEEL STUD WALLS AND "DROPS" IN T-BAR CEILING AREAS TO LIGHT FIXTURES AND FIRE ALARM DEVICES. LENGTH OF DROP MUST BE LIMITED TO 8'-0" (2400mm).
- .6 COLOUR CODE CONDUITS, BOXES AND METALLIC SHEATHED CABLES.
- .7 CODE WITH PLASTIC TAPE OR PAINT AT POINTS WHERE CONDUIT OR CABLE ENTERS WALL, CEILING, OR FLOOR, AND AT 15m(45') INTERVALS.
- .8 COLOUR BANDS MUST BE 25mm(1") WIDE AND CODED AS FOLLOWS FOR NOTED SYSTEMS.

<u>SYSTEM</u>	<u>COLOUR</u>
UP TO 208V	YELLOW
FIRE ALARM	RED
- .9 THIS CONTRACTOR MUST PAINT ALL SYSTEM JUNCTION BOXES AND COVERS IN CONFORMANCE WITH THE ABOVE SCHEDULE.

DRAW BREAKDOWN

1. THIS CONTRACTOR MUST SUBMIT A BREAKDOWN OF THE TENDER PRICE INTO CLASSIFICATIONS TO THE SATISFACTION OF THE CONSULTANT, WITH THE AGGREGATE OF THE BREAKDOWN TOTALING THE TOTAL CONTRACT AMOUNT. EACH ITEM MUST BE BROKEN OUT INTO MATERIAL AND LABOUR COSTS. PROGRESS CLAIMS, WHEN SUBMITTED ARE TO BE ITEMIZED AGAINST EACH ITEM OF THE DRAW BREAKDOWN. THIS SHALL BE DONE IN TABLE FORM SHOWING CONTRACT AMOUNT, AMOUNT THIS DRAW, TOTAL TO DATE, % COMPLETE AND BALANCE.
2. BREAKDOWN SHALL BE AS FOLLOWS:
 - .1 PERMITS AND FEES
 - .2 MOBILIZATION (MAXIMUM 1%)
 - .3 DEMOLITION
 - .4 BRANCH CONDUITS
 - .5 BRANCH WIRING
 - .6 LIGHTING FIXTURES
 - .7 FIRE ALARM SYSTEM
 - .8 COMMISSIONING (MINIMUM 3%)
3. THE BREAKDOWN MUST BE APPROVED BY THE CONSULTANT PRIOR TO SUBMISSION OF THE FIRST DRAW.
4. BREAKDOWNS NOT COMPLYING TO THE ABOVE WILL NOT BE APPROVED.
5. BREAKDOWN MUST INDICATE TOTAL CONTRACT AMOUNT.
6. MOBILIZATION AMOUNT MAY ONLY BE DRAWN WHEN ALL REQUIRED SHOP DRAWINGS HAVE BEEN REVIEWED BY THE CONSULTANT.

SHOP DRAWINGS AND PRODUCT DATA

1. FURNISH COMPLETE CATALOG DATA FOR MANUFACTURED ITEMS OF EQUIPMENT TO BE USED IN THE WORK TO CONSULTANT FOR REVIEW WITHIN 30 DAYS AFTER AWARD OF CONTRACT.
2. IF MATERIAL OR EQUIPMENT IS NOT AS SPECIFIED OR SUBMITTAL IS NOT COMPLETE, IT WILL BE REJECTED BY CONSULTANT.
3. ADDITIONAL SHOP DRAWINGS REQUIRED BY THE CONTRACTOR FOR MAINTENANCE MANUALS, SITE COPIES ETC., SHALL BE PHOTOCOPIES OF THE REVIEWED SHOP DRAWINGS. ALL COSTS TO PROVIDE ADDITIONAL COPIES OF SHOP DRAWINGS SHALL BE BORNE BY THE CONTRACTOR.
4. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED.
5. CATALOG DATA OR SHOP DRAWINGS FOR EQUIPMENT, WHICH ARE NOTED AS BEING REVIEWED BY CONSULTANT OR HIS ENGINEER SHALL NOT SUPERSEDE CONTRACT DOCUMENTS.
6. REVIEW COMMENTS OF CONSULTANT SHALL NOT RELIEVE THIS DIVISION FROM RESPONSIBILITY FOR DEVIATIONS FROM CONTRACT DOCUMENTS UNLESS CONSULTANT'S ATTENTION HAS BEEN CALLED TO SUCH DEVIATIONS IN WRITING AT TIME OF SUBMISSION, NOR SHALL THEY RELIEVE THIS DIVISION FROM RESPONSIBILITY FOR ERRORS IN ITEMS SUBMITTED.
7. CHECK WORK DESCRIBED BY CATALOG DATA WITH CONTRACT DOCUMENTS FOR DEVIATIONS AND ERRORS.
8. SHOP DRAWINGS AND PRODUCT DATA SHALL SHOW:
 1. MOUNTING ARRANGEMENTS.
 2. OPERATING AND MAINTENANCE CLEARANCES. E.G. ACCESS DOOR SWING SPACES.
9. SHOP DRAWINGS AND PRODUCT DATA SHALL BE ACCOMPANIED BY:
 1. DETAILED DRAWINGS OF BASES, SUPPORTS, AND ANCHOR BOLTS.
 2. MANUFACTURER TEST DATA WHERE REQUESTED.
 3. MANUFACTURER TO CERTIFY AS TO CURRENT MODEL PRODUCTION.
 4. CERTIFICATION OF COMPLIANCE TO APPLICABLE CODES.
10. STATE SIZES, CAPACITIES, BRAND NAMES, ACCESSORIES, MATERIALS, DIMENSIONS, AND OTHER PERTINENT INFORMATION. LIST ON CATALOG COVERS PAGE NUMBERS OF SUBMITTED ITEMS. UNDERLINE APPLICABLE DATA.
11. ONCE THESE SHOP DRAWINGS ARE RETURNED REVIEWED OR REVIEWED AS NOTED FABRICATION, PRODUCTION, AND INSTALLATION COMPLIANCE, IF A SHOP DRAWING IS RETURNED REVIEWED AS NOTED THIS CONTRACTOR MUST PROVIDE WRITTEN INDICATION THAT THE COMMENTS HAVE BEEN COMPLIED WITH.
12. A PARTIAL LIST OF SHOP DRAWINGS INCLUDES:
 1. LUMINAIRES
 2. EMERGENCY BATTERY UNITS AND FIXTURES
 3. FIRESTOPPING MATERIALS
 4. WIRING DEVICES

FIRESTOPPING

- .1 FIRESTOPPING MATERIAL AND INSTALLATION WITHIN ANNUAL SPACE BETWEEN CONDUITS, DUCTS, AND ADJACENT FIRE SEPARATION.
 - .2 PROVIDE MATERIALS AND SYSTEMS CAPABLE OF MAINTAINING EFFECTIVE BARRIER AGAINST FLAME, SMOKE, AND GASES.
 - .3 COMPLY WITH THE REQUIREMENTS OF CAN4-S115-M35, AND DO NOT EXCEED OPENING SIZED FOR WHICH THEY HAVE BEEN TESTED.
 - .4 SYSTEMS TO HAVE AN F OR FT RATING (AS APPLICABLE) NOT LESS THAN THE FIRE PROTECTION RATING REQUIRED FOR CLOSURES IN A FIRE SEPARATION. PROVIDE FIREWRAP BLANKET AROUND SERVICES PENETRATING FIREWALLS.
 - .5 EXTENT OF BLANKET MUST CORRESPOND TO ULC RECOMMENDATIONS. IN GENERAL WRAP INDIVIDUAL CONDUITS WITH APPROVED FIREWRAP MATERIALS ON EACH SIDE OF FIREWALL. REFER TO ARCHITECTURAL DRAWINGS FOR FT RATINGS. PROVIDE 1 AND/OR 2 LAYERS OF FIREWRAP WITH TRANSVERSE AND LONGITUDINAL SEAMS OVERLAPPED AND/OR BUTTED (SECOND LAYER OFFSET FROM FIRST LAYER). CUT EDGES ARE TO BE SEALED WITH ALUMINUM FOIL TAPE. PROVIDE 50 MM STAINLESS STEEL BANDING AT 200 MM INTERVALS. INSTALL FIREWRAP TO MANUFACTURERS' RECOMMENDATIONS FOR PROPER FT RATING. ACCEPTABLE MANUFACTURERS ARE 3M FIREMASTER DUCTWRAP OR APPROVED EQUAL.
 - .6 THE FIRESTOPPING MATERIALS ARE NOT TO SHRINK, SLUMP OR SAG AND BE FREE OF ASBESTOS, HALOGENS AND VOLATILE SOLVENTS.
 - .7 FIRESTOPPING MATERIALS ARE TO CONSIST OF A COMPONENT SEALANT APPLIED WITH A CONVENTIONAL CAULKING GUN AND TROWEL.
 - .8 FIRESTOP MATERIALS ARE TO BE CAPABLE OF RECEIVING FINISH MATERIALS IN THOSE AREAS, WHICH ARE EXPOSED AND SCHEDULED TO RECEIVE FINISHES.
 - .9 FIRESTOPPING SHALL BE INSPECTED AND APPROVED BY LOCAL AUTHORITY PRIOR TO CONCEALMENT OR ENCLOSURE.
 - .10 INSTALL MATERIAL AND COMPONENTS IN ACCORDANCE WITH ULC CERTIFICATION, MANUFACTURERS INSTRUCTIONS AND LOCAL AUTHORITY.
 - .11 SUBMIT PRODUCT LITERATURE AND INSTALLATION MATERIAL ON FIRESTOPPING IN SHOP DRAWING AND PRODUCT DATA MANUAL.
 - .12 ACCEPTABLE MANUFACTURERS:
RECTORSAL CORPORATION (METACALK)
PROT SYSTEMS
3M
HBTI
STI FIRESTOP
- NOTE: FIRE STOP MATERIAL MUST CONFORM TO REQUIREMENTS OF LOCAL AUTHORITIES HAVING JURISDICTION. CONTRACTOR TO CONFIRM PRIOR TO APPLICATION AND ENSURE MATERIAL USED IS COMPATIBLE WITH THAT USED BY OTHER TRADES ON SITE.
- .13 ENSURE FIRESTOP MANUFACTURER REPRESENTATIVE PERFORMS ON SITE INSPECTIONS AND CERTIFIES INSTALLATION. SUBMIT INSPECTION REPORTS/CERTIFICATION AT TIME OF SUBSTANTIAL COMPLETION.

OCCUPANCY REQUIREMENTS

- .1 FINAL CERTIFICATES
 - .1 ELECTRICAL SAFETY AUTHORITY
 - .2 EMERGENCY LIGHTING
 - .3 FIRE ALARM VERIFICATION CERTIFICATE

READY FOR TAKEOVER

1. COMPLETE THE FOLLOWING TO THE SATISFACTION OF THE CONSULTANT PRIOR TO REQUEST FOR READY FOR TAKEOVER.
- .1 AS-BUILT DRAWINGS.
- .2 MAINTENANCE MANUALS.
- .3 SYSTEM START UP.
- .4 INSTRUCTIONS TO OWNERS.

WIRING DEVICES

- .1 GENERAL PURPOSE AC SWITCHES MUST CONFORM TO CSA C22.2 NO. 111 (LATEST EDITION).
- .2 15 OR 20 A, 120 V, SINGLE POLE, DOUBLE POLE, THREE-WAY, OR FOUR-WAY SWITCHES.
- .3 MANUALLY-OPERATED GENERAL PURPOSE AC SWITCHES WITH THE FOLLOWING FEATURES:
 - .1 TERMINAL HOLES APPROVED FOR NO. 10 AWG WIRE.
 - .2 SILVER ALLOY CONTACTS.
 - .3 UREA OR MELAMINE MOLDING FOR PARTS SUBJECT TO CARBON TRACKING.
 - .4 SUITABLE FOR BACK AND SIDE WIRING.
 - .5 TOGGLE COLOUR AS SELECTED BY ARCHITECT.
- .4 ACCEPTABLE MATERIALS:
 - .1 SINGLE POLE: HUBBELL CAT. #1201 OR EQUAL
 - .2 THREE-WAY: HUBBELL CAT. #1203 OR EQUAL
- .5 INSTALL SINGLE THROW SWITCHES WITH HANDLE IN "UP" POSITION WHEN SWITCH IS CLOSED.
- .6 INSTALL SWITCHES IN GANG TYPE OUTLET BOX WHEN MORE THAN ONE SWITCH IS REQUIRED IN ONE LOCATION.
- .7 RECEPTACLES, PLUGS, AND OTHER SIMILAR WIRING DEVICES MUST CONFORM TO CSA C22.2 NO. 42 (LATEST EDITION).

- .8 DUPLEX RECEPTACLES, CSA TYPE 5-15 R, 125 V, 15 A, U GROUND, WITH THE FOLLOWING FEATURES:
 - .1 UREA MOLDED HOUSING WITH COLOUR AS SELECTED BY ARCHITECT.
 - .2 SUITABLE FOR NO. 10 AWG FOR BACK AND SIDE WIRING.
 - .3 BREAK-OFF LINKS FOR USE AS SPLIT RECEPTACLES.
 - .4 EIGHT BACK WIRED ENTRANCES, FOUR SIDE WIRING SCREWS.
 - .5 TRIPLE WIRE CONTACTS AND RIVETED GROUNDING CONTACTS.
- .9 ACCEPTABLE MATERIALS:
 - .1 STANDARD DUPLEX RECEPTACLE: HUBBELL CAT. #HBL5252CN
 - .2 T-SLOT RECEPTACLES: HUBBELL CAT. #HBL5352
- .10 OTHER RECEPTACLES WITH AMPACITY AND VOLTAGE AS INDICATED. COLOUR BY ARCHITECT.
- .11 ACCEPTABLE ALTERNATE MANUFACTURERS INCLUDE:
PASS & SEYMOUR
LEVITON
- .12 PROVIDE OCCUPANCY SENSORS TO SUIT THE DETAIL(S) ON THE DRAWINGS.
- .13 ALL SENSORS SHALL BE SET TO 5 MINUTES "DELAY TO OFF" UNLESS OTHERWISE DIRECTED.
- .14 OCCUPANCY SENSORS:
 - .1 INSTALL POWER PACKS IN ACCESSIBLE MAINTENANCE AREAS.
 - .2 PROVIDE ACCESS DOORS IF POWER PACKS ARE INSTALLED ABOVE DRYWALL CEILINGS.
- .3 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND AIM SENSORY IN THE CORRECT LOCATION REQUIRED FOR COMPLETE AND PROPER COVERAGE WITHIN THE RANGE OF COVERAGE AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOMS WHICH ARE TO BE PROVIDED WITH SENSORS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY AND COMPLETELY COVER THE RESPECTIVE ROOMS.
- .4 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A PRE-INSTALLATION MEETING WITH THE MANUFACTURER'S FACTORY AUTHORIZED REPRESENTATIVE, AT THE FACILITY, TO VERIFY PLACEMENT TO SENSORS AND INSTALLATION CRITERIA.
- .5 THE CONTRACTOR SHALL ALSO PROVIDE THE ON-SITE TRAINING NECESSARY TO FAMILIARIZE THE OWNER'S PERSONNEL WITH THE OPERATION, USE, ADJUSTMENT AND PROBLEM SOLVING DIAGNOSIS OF THE OCCUPANCY SENSING DEVICES SYSTEMS.
- .6 UPON COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE COMPLETELY COMMISSIONED BY THE MANUFACTURER'S FACTORY AUTHORIZED TECHNICIAN WHO WILL VERIFY ALL ADJUSTMENTS AND SENSOR PLACEMENT TO ENSURE A TROUBLE-FREE OCCUPANCY-BASED LIGHTING CONTROL. SUBMIT COMMISSIONING REPORT WITH CLOSE-OUT DOCUMENTS.
- .15 INSTALL DEVICES IN GANG TYPE OUTLET BOX WHEN MORE THAN ONE DEVICE IS REQUIRED IN ONE LOCATION.
- .16 STAINLESS STEEL, VERTICALLY BRUSHED, COLOUR TO MATCH WIRING DEVICES, THICKNESS 2.5mm, COVER PLATES FOR WIRING DEVICES MOUNTED IN FLUSH-MOUNTED OUTLET BOXES.
- .17 PROTECT STAINLESS STEEL COVER PLATE FINISH WITH PAPER OR PLASTIC FILM UNTIL PAINTING AND OTHER WORK IS FINISHED.
- .18 INSTALL SUITABLE COMMON COVER PLATES WHERE WIRING DEVICES ARE GROUPED.

DISCONNECT SWITCHES

- .1 MUST CONFORM TO CSA C22.2 NO. 4 (LATEST EDITION).
- .2 FUSIBLE, AND/OR NON-FUSIBLE, HORSEPOWER RATED DISCONNECT SWITCHES, SIZE AS INDICATED.
- .3 PROVISION FOR PADLOCKING IN OFF SWITCH POSITION BY THREE LOCKS.
- .4 MECHANICALLY INTERLOCKED DOOR TO PREVENT OPENING WHEN HANDLE IS IN "ON" POSITION.
- .5 QUICK-MAKE, QUICK-BREAK ACTION.
- .6 ON-OFF SWITCH POSITION INDICATION ON SWITCH ENCLOSURE COVER.
- .7 PROVIDE LAMICOID LABEL.
- .8 DISCONNECTS FEEDING ELEVATOR CONTROLLERS MUST BE EQUIPPED WITH TWO AUXILIARY CONTACTS APPROVED BY THE ELEVATOR SUPPLIER.
- .9 DISCONNECT SWITCHES MUST BE ONE OF THE FOLLOWING:
 - .1 CUTLER HAMMER
 - .2 SCHNEIDER ELECTRIC
 - .3 SIEMENS

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

REVISIONS

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.

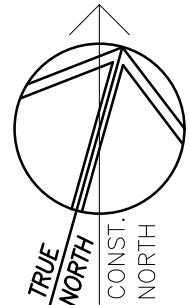
The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval of the Consultant before any change in service from commencement of the work.

The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the actual conditions.

Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned to the consultant upon completion of the project. The documents are not to be duplicated or copied without the consent of the Consultant.

Do not scale the drawings.

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Consulting Engineers

MECHANICAL | ELECTRICAL | AQUATIC

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**BOBCAYGEON
COMMUNITY CENTER**

51 MANSFIELD STREET
BOBCAYGEON ONTARIO

ELECTRICAL SPECIFICATIONS (1 OF 2)

DATE 2025-04-03	DRAWN BY DV	DRAWING No. E102
PROJECT No.	CHECKED BY CM	

LIGHTING SYSTEMS

FIXTURES ARE TO BE PROVIDED AS NOTED IN THE LIGHT FIXTURE SCHEDULE C/W THE FOLLOWING FEATURES:

- 1

LED

1

FIXTURE LED'S MUST BE TESTED IN CONFORMANCE WITH IESNA LM80 STANDARD.

2

LED'S MUST BE SELECTED USING A BINNING 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 'DELIVERED' 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

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

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

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:

1

TEST SWITCH

2

AC INPUT AND DC OUTPUT TERMINAL BLOCKS INSIDE CABINET.

3

SHELF

4

CORD AND PLUG CONNECTION FOR AC.

5

REMOTE EMERGENCY LIGHTING FIXTURES

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.

6

FIXTURE INSTALLATION

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

GARANTEE

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

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:

-

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)

9

THIRD PARTY FUNCTIONAL TESTING

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.

FUSES

REFERENCES

- CANADIAN STANDARDS ASSOCIATION (CSA)
- 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).

MAINTENANCE MATERIAL

- 1

THREE SPARE FUSES OF EACH TYPE AND SIZE INSTALLED.

DELIVERY AND STORAGE

- 1

SHIP FUSES IN ORIGINAL CONTAINERS.
- 2

STORE FUSES IN ORIGINAL CONTAINERS IN MOISTURE FREE LOCATION.

PRODUCTS

FUSES GENERAL

- 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.

CLASS J FUSES (FORMERLY HRCI- J).

- 1

TIME DELAY, CAPABLE OF CARRYING 500% OF ITS RATED CURRENT FOR 10 S MINIMUM.
- 2

FAST ACTING AS NOTED.

- 3

CLASS R FUSES (FORMERLY HRCI- R). FOR UL CLASS RK1 FUSES, PEAK LET-THROUGH CURRENT AND I²T VALUES NOT TO EXCEED LIMITS OF UL 198E-1982, TABLE 10.2.

ACCEPTABLE PRODUCTS

1. MOTOR PROTECTION:

- 1

1-600 A: MERSEN TYPE AJT

2. OTHER ACCEPTABLE MANUFACTURERS:

- 1

GEC
- 2

LITTLE FUSE

INSTALLATION

- 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.

FIRE ALARM SYSTEMS

- 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:

-

A CERTIFICATE OF VERIFICATION

-

FIELD TECHNICIAN VERIFICATION SHEETS FOR EACH DEVICE VERIFIED (INCLUDE COPIES OF SAME IN MAINTENANCE MANUALS)

8

AUDIBILITY TESTING:

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 INDICATING:

1

PROJECT

2

DATE OF TEST

3

ROOM NAME AND NUMBER

4

AMBIENT DB LEVEL

5

ALARM DB LEVEL

6

NAME OF TESTING TECHNICIAN

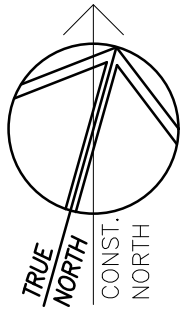
9

THE TEST RESULTS ARE TO BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO ISSUING TO OWNER'S REPRESENTATIVES AND/OR AUTHORITIES HAVING JURISDICTION.

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

REVISIONS

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 actual building 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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Do not scale this drawing.
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MECHANICAL | ELECTRICAL | AQUATIC

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Phone: 519-725-3555
Website: delassociates.ca
Project Number: 25030



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BOBCAYGEON COMMUNITY CENTER

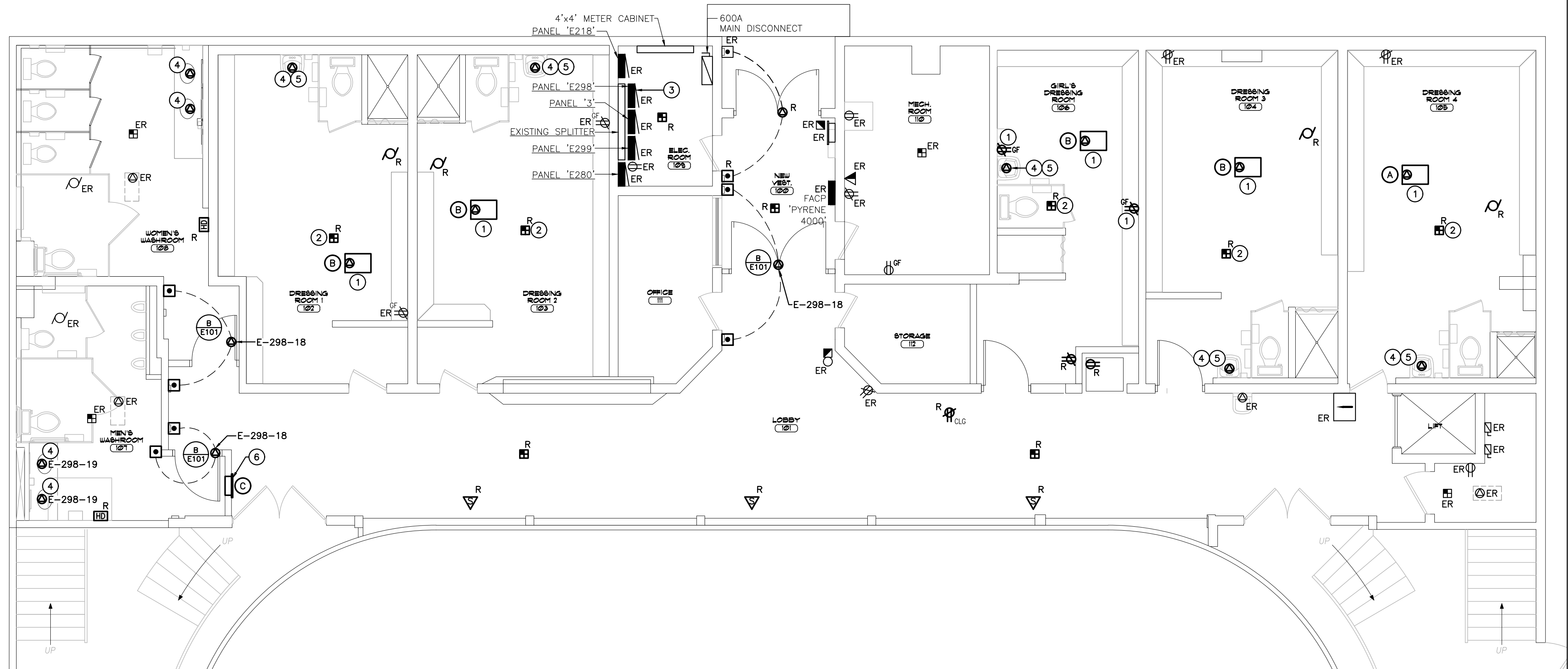
51 MANSFIELD STREET
BOBCAYGEON ONTARIO

ELECTRICAL
SPECIFICATIONS
(2 OF 2)

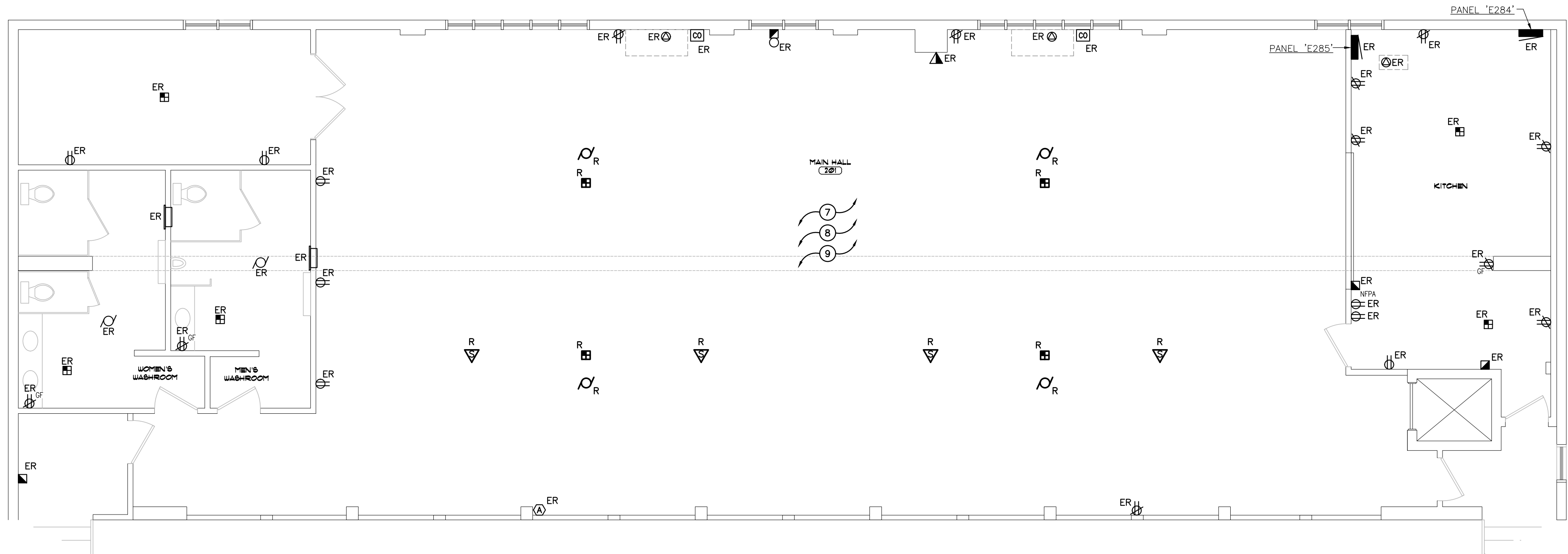
DATE 2025-04-03	DRAWN BY DV	DRAWING No. E103
PROJECT No.	CHECKED BY CM	



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



A—GROUND FLOOR PLAN—POWER & SYSTEMS—RENOVATION
SCALE: 3/16" = 1'-0"



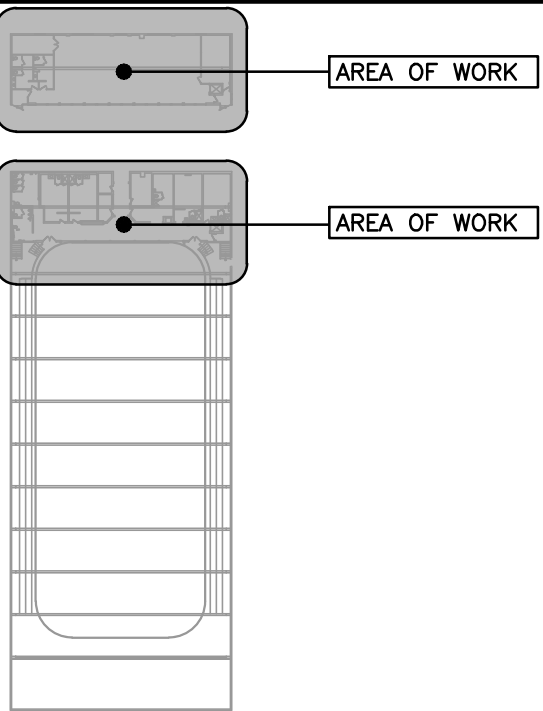
B—SECOND FLOOR PLAN—POWER & SYSTEMS—RENOVATION
SCALE: 3/16" = 1'-0"

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

- CONNECT TO EXISTING BRANCH CIRCUIT MAINTAINED FROM DEMOLITION PHASE. EXTEND EXISTING CONDUIT AND WIRING TO SUIT AS REQUIRED.
- INDICATED DEVICE TO BE CONNECTED TO LOCAL INITIATING CIRCUIT. ALL WIRING MUST BE SUPERVISED.
- EXISTING PANEL E-298 IS A FEDERAL PIONEER STABLOK SINGLE PHASE PANELBOARD. THIS CONTRACTOR SHALL PROVIDE THE FOLLOWING TO SUIT NEW FEED:
BREAKER 15A-1P CCT-18, FEED 2#12 T90 CU IN 21mmC, DEVICE 'DOOR OPERATORS' 15A-1P CCT-19, 2#12 T90 CU IN 21mmC, 'MEN/WOMEN WR FAUCETS'
THIS CONTRACTOR IS TO INVESTIGATE EXISTING BREAKER'S INTERRUPTING CAPACITY AND PROVIDE SIMILAR FOR NEW BREAKERS. FOR BIDDING PURPOSES ASSUME 14KAIC.
- INDICATES 120V CONNECTION TO 24VDC STEP-DOWN TRANSFORMER MOUNTED ABOVE CEILING OR AT HIGH LEVEL FOR AUTOMATIC FIXTURE(S). COORDINATE WITH MECHANICAL CONTRACTOR.
- CONNECT INDICATED DEVICE UPSTREAM OF LOCAL GFCI RECEPTACLE CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING TO SUIT AS REQUIRED.
- 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.
- 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.
- WORK REQUIRED AS A RESULT OF CEILING TILE REPLACEMENT TO BE CARRIED AS PROVISIONAL PRICE. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
- SCOPE OF WORK ON 2ND FLOOR IS TO BE CONSIDERED A PART OF PROVISIONAL PRICE #5. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.

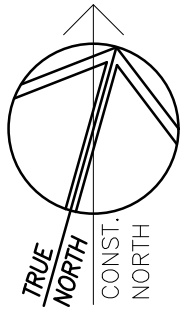


Key Plan

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

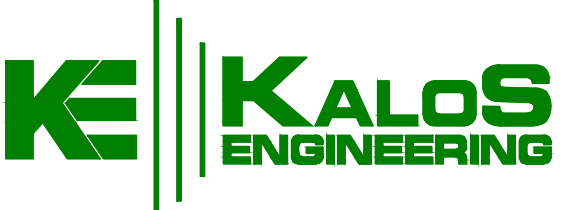
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POWER & SYSTEMS
RENOVATION

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