



RFT# T-FD-22-01 - NEW FIRE STATION No. 1

LIST OF DRAWINGS:

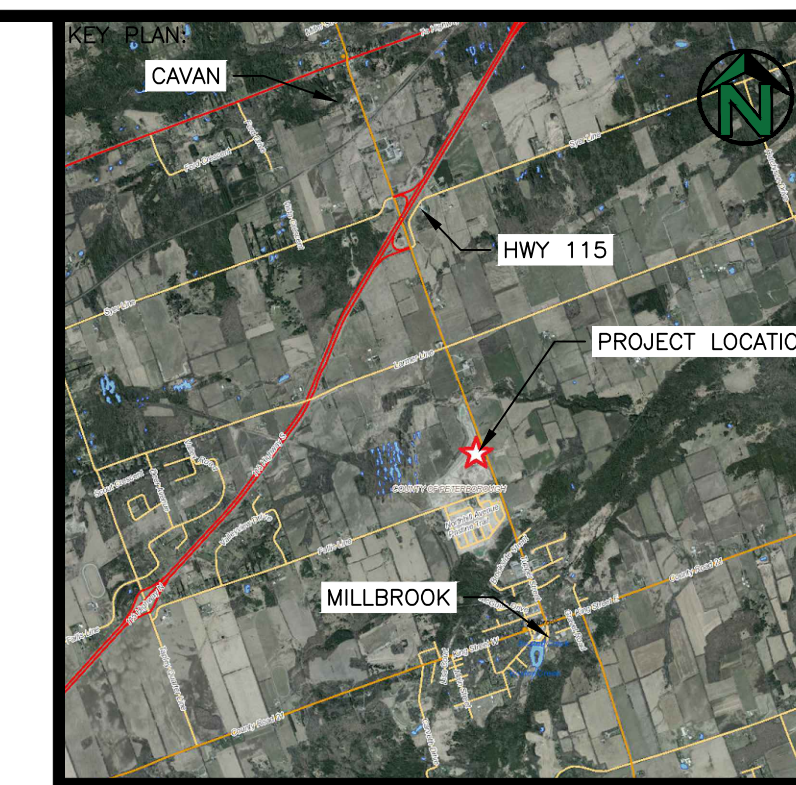
BUILDING DESIGN:

- 000 - TITLE PAGE, OBC MATRIX & CONSTRUCTION ASSEMBLIES
- 001 - SITE PLAN
- 002 - CIRCULATION AND FIRE PROTECTION SITE PLAN
- 100 - FOUNDATION PLAN
- 101 - MAIN FLOOR PLAN
- 102 - SECOND STOREY AND MEZZANINE FLOOR PLAN
- 103 - MAIN FLOOR REFLECTED CEILING PLAN
- 104 - SECOND STOREY AND MEZZANINE FLOOR REFLECTED CEILING PLAN
- 200 - ELEVATIONS ROOF PLAN AND DETAILS
- 300 - SECTIONS
- 400 - DETAILS
- 401 - DETAILS
- 500 - DOOR AND WINDOW SCHEDULES
- 501 - ROOM AND FINISH SCHEDULE BARRIER FREE AND DOOR STANDARDS

STRUCTURAL DRAWINGS:

- S100 - PRE-ENG REQUIREMENTS GENERAL NOTES AND STANDARD DETAILS
 - S101 - FOUNDATION PLAN
 - S102 - FOUNDATION DETAILS
 - S103 - FLOOR FRAMING AND DETAILS
 - S104 - CANOPY FRAMING AND DETAILS
 - S105 - RETAINING WALLS
- #### MECHANICAL DRAWINGS:
- M1 - GROUND FLOOR PLAN - PLUMBING & DRAINAGE
 - M2 - GROUND FLOOR PLAN - HVAC
 - M3 - SECOND & MEZZANINE FLOOR PLANS - MECHANICAL
 - M4 - SCHEDULES & DETAILS - MECHANICAL
 - M5 - SCHEDULES - MECHANICAL
 - M6 - SPECIFICATION - MECHANICAL
- #### ELECTRICAL DRAWINGS:
- E1 - SITE POWER LAYOUT PLAN
 - E2 - SITE LIGHTING DETAILS
 - E3 - MAIN FLOOR POWER LAYOUT PLAN
 - E4 - MAIN FLOOR LIGHTING LAYOUT PLAN
 - E5 - MEZZANINE POWER LAYOUT PLAN

- E6 - MEZZANINE LIGHTING LAYOUT PLAN
 - E7 - SINGLE LINE DIAGRAM AND PANEL SCHEDULES
 - E8 - SPECIFICATION
- #### CIVIL DRAWINGS:
- C100 - CIVIL COVER SHEET & NOTES
 - C101 - EXISTING SITE CONDITIONS, DEMOLITION, EROSION & SEDIMENTATION CONTROL PLAN
 - C102 - CIVIL SITE SERVICING PLAN
 - C103 - SITE GRADING & DRAINAGE PLAN
 - C104 - SCHEDULE AND DETAILS
 - C105 - OPSD
 - C106 - SIGNAGE



GENERAL NOTES

1. THE CONTRACTOR SHALL ENSURE THAT ALL WORK IS IN CONFORMANCE WITH THE ONTARIO BUILDING CODE, THE OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL OTHER GOVERNING REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION.
2. THE CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. THE CONTRACTOR SHALL NOTIFY ALL REQUIRED PARTIES OF ANY INCONSISTENCIES PRIOR TO COMMENCING THE WORK.
3. THE CONTRACTOR SHALL EXAMINE EXISTING SITE CONDITIONS AND REPORT ANY ISSUES PRIOR TO COMMENCING THE WORK.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO COMMENCING THE WORK.
5. THE CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY FOR THE DESIGN, ERECTION, OPERATION, MAINTENANCE AND REMOVAL OF TEMPORARY BRACING, SHORING, HOARDING, AND ANY FACILITIES OR METHODS REQUIRED TO KEEP THE CONSTRUCTION SAFE, PLUMB, LEVEL AND IN TRUE ALIGNMENT AT ALL PHASES OF THE WORK UNTIL COMPLETION.

ALL UNITS IN SI METRIC (MILLIMETRES) U.N.O.

ABBREVIATIONS USED:

- ci -CONTINUOUS INSULATION
- CMU -CONCRETE MASONRY UNIT
- CONT. -CONTINUOUS
- C/W -COMPLETE WITH
- DIM. -DIMENSION
- D.O. -DO OVER (DITTO)
- EL. -ELEVATION
- EPS -EXPANDED POLYSTYRENE INSULATION
- E/W -EACH WAY
- FFE -FINISHED FLOOR ELEVATION
- FRR -FIRE RESISTANCE RATING
- GL -GRID LINE
- H -HORIZONTAL
- ID -IDENTIFICATION
- LOA -LENGTH OVER ALL (SPAN PLUS ALL BEARING LENGTHS)
- MAG -METRES ABOVE GRADE
- MAX -MAXIMUM
- MBC -METRES BELOW GRADE
- MIN -MINIMUM
- min -MINUTES
- N/A -NOT APPLICABLE
- N/R -NOT REQUIRED
- N/S -NOT SHOWN
- No. -NUMBER
- OC -ON CENTRE
- P -PLATE
- REF -REFER TO (REFERENCE)
- REQ'D -REQUIRED
- SIM. -SIMILAR
- SOC -SLAB ON GRADE
- SPMDD -STANDARD PROCTOR MAXIMUM DRY DENSITY
- TBC -TO BE CONFIRMED
- TBD -TO BE DETERMINED
- T/O -TOP OF
- TYP. -TYPICAL
- U.N.O. -UNLESS NOTED OTHERWISE
- U/S -UNDERSIDE
- V -VERTICAL
- W/ -WITH
- XPS -EXTRUDED POLYSTYRENE INSULATION

GENERAL DESIGN

1. ALL DESIGN WORK IN CONFORMANCE WITH THE ONTARIO BUILDING CODE.
2. SITE SPECIFIC DESIGN DATA NEAR MILLBROOK (CAVAN) ONTARIO TAKEN FROM MMH SUPPLEMENTARY STANDARD SB-1, TABLE 2 AND 3, EFFECTIVE DATE: JANUARY 1, 2020.
3. CLIMATE ZONE 6.

CONSTRUCTION ASSEMBLIES

NOTE: UNLESS NOTED OTHERWISE, CONSTRUCTION ASSEMBLIES SHALL BE IN COMPLIANCE WITH: THE ONTARIO BUILDING CODE (ONTARIO REGULATION 332/12, LAST AMENDMENT 762/20); MAH SUPPLEMENTARY STANDARD SB-10 ENERGY EFFICIENCY REQUIREMENTS, DECEMBER 22, 2016 UPDATE; ANSI/ASHRAE/IES 90.1, 2013 EDITION; UNDERWRITERS' LABORATORIES OF CANADA; ET AL. THE TERMS HEATED SPACE AND SEMIHEATED SPACE ARE AS DEFINED IN ANSI/ASHRAE/IES 90.1.

FOUNDATION WALL ASSEMBLIES

- 001 FOUNDATION WALL (INSIDE TO OUT) R-20ci MIN
 - 8" REINFORCED CAST-IN-PLACE CONCRETE WALL.
 - 4" (R-20ci MIN) XPS INSULATION DUPONT STYROFOAM SM OR APPROVED EQUAL.

- 002 FOUNDATION WALL (INSIDE TO OUT) R-20ci MIN
 - 12" REINFORCED CAST-IN-PLACE CONCRETE WALL.
 - IN AREAS ADJACENT TO INTERIOR SPACE, TROWEL APPLIED AVB REINFORCED AT CORNERS AND OPENINGS. CONTINUOUSLY FILL PERIMETER GAPS BETWEEN MASONRY AND EXTERIOR WALL PANEL WITH MINERAL WOOL INSULATION AND SEAL.
 - 4" (R-20ci MIN) XPS INSULATION DUPONT STYROFOAM SM OR APPROVED EQUAL.

- 003 FOUNDATION WALL (INSIDE TO OUT) R-20ci MIN
 - 16" REINFORCED CAST-IN-PLACE CONCRETE WALL.
 - 4" (R-20ci MIN) XPS INSULATION DUPONT STYROFOAM SM OR APPROVED EQUAL.

- 011 FOUNDATION WALL (SYMMETRIC)
 - 8" REINFORCED CAST-IN-PLACE CONCRETE WALL.

- 012 FOUNDATION WALL (SYMMETRIC)
 - 6" REINFORCED CAST-IN-PLACE CONCRETE WALL.

EXTERIOR WALL ASSEMBLIES

- 101 WALL (INSIDE TO OUT) R-15ci MIN
 - 1/2" GYPSUM WALLBOARD (PAINTED FINISH).
 - 3/8" STEEL STUDS @ 24" O.C. BAILEY 362S162-54 Fy345.
 - FILL (R-13 MIN) FIBERGLASS BATT INSULATION.
 - 1/2" FLASS-MATT SHEATHING.
 - SELF ADHERED AVB REINFORCED AT CORNERS AND OPENINGS.
 - 3" (R-15ci MIN) XPS INSULATION DUPONT STYROFOAM SM OR APPROVED EQUAL.
 - AIRSPACE 1" MINIMUM.
 - 90mm TO 3/8" MASONRY VENEER C/W SILLS AT WINDOWS AND RAINSCREEN DETAILING.

- 131 WALL (INSIDE TO OUT) R-19ci MIN
 - 190mm REINFORCED CMU. FILL VOIDS WITH PERLITE LOOSE-FILL INSULATION. PAINTED FINISH.
 - TROWEL APPLIED AVB REINFORCED AT CORNERS AND OPENINGS.
 - 4" (R-19ci MIN) XPS INSULATION DUPONT STYROFOAM SM OR APPROVED EQUAL.
 - AIRSPACE 1" MINIMUM.
 - 90mm TO 3/8" MASONRY VENEER C/W SILLS AT WINDOWS AND RAINSCREEN DETAILING.

- 132 WALL (INSIDE TO OUT) U0.045 MAX.
 - 190mm REINFORCED CMU. FILL VOIDS WITH PERLITE LOOSE-FILL INSULATION. PAINTED FINISH.
 - TROWEL APPLIED AVB REINFORCED AT CORNERS AND OPENINGS. CONTINUOUSLY FILL PERIMETER GAPS BETWEEN MASONRY AND EXTERIOR WALL PANEL WITH MINERAL WOOL INSULATION AND SEAL.
 - 3" INSULATED METAL WALL PANEL SYSTEM METL-SPAN CF MESA (U0.0410 AT 40') OR APPROVED EQUAL.

- 133 WALL (INSIDE TO OUT) U0.045 MAX. 2HR FRR
 - 12" REINFORCED CONCRETE.
 - TROWEL APPLIED AVB REINFORCED AT CORNERS AND OPENINGS. CONTINUOUSLY FILL PERIMETER GAPS BETWEEN MASONRY AND EXTERIOR WALL PANEL WITH MINERAL WOOL INSULATION AND SEAL.
 - 3" INSULATED METAL WALL PANEL SYSTEM METL-SPAN CF MESA (U0.0410 AT 40') OR APPROVED EQUAL.

- 141 WALL (INSIDE TO OUT) U0.045 MAX.
 - 8" GIRT STRUCTURE.
 - 3" INSULATED METAL WALL PANEL SYSTEM METL-SPAN CF MESA (U0.0410 AT 40') OR APPROVED EQUAL.

- 142 WALL (INSIDE TO OUT) U0.045 MAX. 2HR FRR
 - 8" GIRT STRUCTURE.
 - 7" UL/ULC LISTED 2HR FRR INSULATED METAL WALL PANEL SYSTEM METL-SPAN THERMSAFE OR APPROVED EQUAL.

INTERIOR WALL ASSEMBLIES

- 201 WALL (SYMMETRIC)
 - 1/2" GWB C/W PAINTED FINISH.
 - 3/8" STEEL STUDS AT 24" O.C. C/W 3" SOUND ATTENUATION INSULATION (ROCKWOOL SAFE'N'SOUND OR APPROVED EQUAL).
 - 1/2" GWB C/W PAINTED FINISH.

- 202 WALL (SYMMETRIC)
 - 1/2" GWB C/W PAINTED FINISH.
 - 6" STEEL STUDS AT 24" O.C. C/W 3" SOUND ATTENUATION INSULATION (ROCKWOOL SAFE'N'SOUND OR APPROVED EQUAL).
 - 1/2" GWB C/W PAINTED FINISH.

- 211 1HR FRR WALL (SYMMETRIC) ULC W453
 - 1/2" TYPE-X GWB C/W PAINTED FINISH.
 - 3/8" STEEL STUDS AT 24" O.C. C/W 3" SOUND ATTENUATION INSULATION (ROCKWOOL SAFE'N'SOUND OR APPROVED EQUAL).
 - 1/2" TYPE-X GWB C/W PAINTED FINISH.

- 221 2HR FRR WALL (SYMMETRIC) ULC W453
 - 2-LAYERS 1/2" TYPE-X GWB C/W PAINTED FINISH.
 - 3/8" STEEL STUDS AT 24" O.C. C/W 3" SOUND ATTENUATION INSULATION (ROCKWOOL SAFE'N'SOUND OR APPROVED EQUAL).
 - 2-LAYERS 1/2" TYPE-X GWB C/W PAINTED FINISH.

- 223 2HR FRR WALL ULC U913
 - 190mm REINFORCED CMU BRAMPTON BRICK LTD., PCR BLOCKS, ATLAS FR2. BLOCKS LAID IN FULL BED OF TYPE 3 QUICKCRETE MORTAR, 10mm THICK. VERTICAL JOINTS STAGGERED. PAINTED FINISH.

- 231 CMU WALL
 - 190mm REINFORCED CMU. PAINTED FINISH.
- 232 CMU WALL
 - 140mm REINFORCED CMU. PAINTED FINISH.

ROOF ASSEMBLIES

- 441 ROOF (TOP TO BOTTOM) R-35ci MIN NONCOMBUSTIBLE
 - NOTE: MAIN ROOF SYSTEM DESIGNED SPECIFICALLY PER OBC 3.1.5.12. AND 3.1.5.12A. TO PROVIDE A REQUIRED NONCOMBUSTIBLE ROOF ASSEMBLY. ROOF SYSTEM ALSO DESIGNED SPECIFICALLY PER DEFINITION FOR REQUIRED CONTINUOUS INSULATION (REF ASHRAE 90.1) AS REQUIRED UNDER OBC 12.2.1.2.(2)(b) ET AL. THE CONTRACTOR IS CAUTIONED THAT ASSEMBLIES OUTDATED OR OTHERWISE NOT CONFORMING TO THESE REQUIREMENTS WILL NOT BE ACCEPTED ON THIS PROJECT.
 - 26 GAUGE STANDING SEAM ROOFING SYSTEM SUITABLE FOR 1/2:12 SLOPE C/W FLOATING CLIPS FASTENING. CLIP SPACING SHALL BE DESIGNED FOR OBC PART 4 LOADING AND PROVIDED TO ENGINEER FOR REVIEW.
 - 1/2" POLYISOCYANURATE INSULATION W/ 18 GAUGE GALVANIZED 2-SUBGIRT SET OVERTOP OF CI INSULATION AND FASTED THROUGH TO ROOF DECK W/ #14 SCREWS OF SUFFICIENT LENGTH TO PENETRATE UPPER FLUTES OF STEEL DECKING.
 - R-34.6ci MIN (LTR TO CAN/ULC S770) FLAME SPREAD NOT MORE THAN 500 (TO ASTM E84) 7" SOPRA-ISO BY SOPREMA OR APPROVED EQUAL. MECHANICALLY FASTEN INSULATION TO DECK.
 - AVB-SELF ADHERED.
 - 1/2" FIBERGLASS MAT GYPSUM SHEATHING CONTINUOUS BETWEEN INSULATION AND OCCUPIED SPACE. NOTE MAX R-0.4 MAY BE ASSUMED.
 - GALVANIZED STEEL DECKING, PAINTED FINISH.
 - PURLIN AND STRUCTURE, PAINTED FINISH.

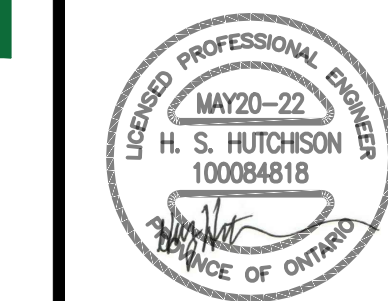
- 451 CANOPY (TOP TO BOTTOM)
 - 2-PLY MOD-BIT ROOFING.
 - 1/2" COATED GLASS-MAT ROOF BOARD.
 - 1/2" GALVANIZED STEEL DECK.
 - 8" STRUCTURE.
 - 1/2" 26 GAUGE PRE-FINISHED SOFFIT PANEL.

FLOOR ASSEMBLIES

- 531 FLOOR (TOP TO BOTTOM) R-10ci
 - REINFORCED CAST-IN-PLACE CONCRETE SOG. (SEE STRUCTURAL DRAWINGS).
 - GRANULAR A BASE. REFER TO GEOTECHNICAL REPORT FOR THICKNESS AND PREPARATION.
- 532 FLOOR (TOP TO BOTTOM) 2HR FRR
 - 2" REINFORCED CONCRETE TOPPING.
 - 8" PRE-CAST, PRE-TENSIONED HOLLOW CORE CONCRETE SLAB.
 - DROP CEILING WHERE INDICATED.

ONTARIO BUILDING CODE DATA MATRIX		OBC REFERENCE	
1	PROJECT DESCRIPTION	<input checked="" type="checkbox"/> NEW	<input type="checkbox"/> ALTERATION
2	MAJOR OCCUPANCY	GROUP A, DIVISION 2, GROUP D & GROUP F, DIVISION 2	
3	IMPORTANCE CATEGORY	<input type="checkbox"/> LOW <input type="checkbox"/> NORM <input type="checkbox"/> HIGH <input checked="" type="checkbox"/> POST DISASTER	
4	BUILDING AREA (m ²)	EXISTING NEW TOTAL	1,200 1,200 1,200
5	GROSS AREA (m ²)	EXISTING NEW TOTAL	1,430 1,430 1,430
6	NUMBER OF STOREYS	ABOVE GRADE 2 BELOW GRADE 0	1,412.00 & 231.5 1,412.00 & 0.00
7	HEIGHT (m)	ABOVE GRADE 6.8 BELOW GRADE 0	32.200 & 0.000 32.200
8	NUMBER OF STREETS AND ACCESS ROUTES	3	32.200 & 0.000 32.200
9	BUILDING CLASSIFICATION	3.2.2.25., 3.2.2.55., & 3.2.2.70.	32.200 & 32.200 32.200
10	SPRINKLER SYSTEM PROPOSAL	<input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> IN LIEU OF ROOF RATING <input type="checkbox"/> SELECTED COMPARTMENTS <input type="checkbox"/> SELECTED FLOOR AREAS <input type="checkbox"/> BASEMENT ONLY <input checked="" type="checkbox"/> NOT REQUIRED	32.200 & 32.200 32.200 32.200 32.200 32.200
11	STANDPIPE REQUIREMENTS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	32.6 32.6
12	FIRE ALARM REQUIREMENTS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	32.4 32.4
13	ADEQUATE WATER SUPPLY OR SERVICE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	32.6.7 32.6.7
14	HIGH BUILDING	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	32.4 32.4
15	CONSTRUCTION RESTRICTIONS	<input checked="" type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NONCOMBUSTIBLE	32.2.00 & 32.2.05 32.2.05
16	MEZZANINE AREA (m ²)	105	32.1.00 & (B) 32.1.01
17	OCCUPANT LOAD BASED ON	<input checked="" type="checkbox"/> m ² /PERSON <input type="checkbox"/> DESIGN OF BUILDING	32.1.7 32.1.3
		AREA (m ²)	LOAD PERSONS
		OFFICE & KITCHEN 194#	9.30 21
		ASSEMBLY 119#	1.85 61
		STORAGE 85#	46.00 19
			101 OCCUPANTS
18	BARRIER-FREE DESIGN	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	34 32.0.2
19	HAZARDOUS SUBSTANCES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TBD 32.2. & 32.1.18 32.2.00 & 32.2.05 32.2.05
20	REQUIRED FIRE RESISTANCE RATING (HOURS)	FLOOR MEZZANINE ROOF	N/A N/A N/A
21	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS	NORTH SOUTH EAST WEST	60 100 280 280
22	PLUMBING FIXTURE REQUIREMENTS	FEMALE MALE PCDP	2 3 1

THIS TABLE HAS BEEN PROVIDED IN CONFORMANCE WITH ONTARIO REGULATION 260/08 UNDER THE PROFESSIONAL ENGINEERS ACT



PROJECT:
NEW FIRE STATION No. 1
HIGHLANDS BOULEVARD
MILLBROOK, ON

TITLE PAGE
OBC MATRIX
AND CONSTRUCTION
ASSEMBLIES

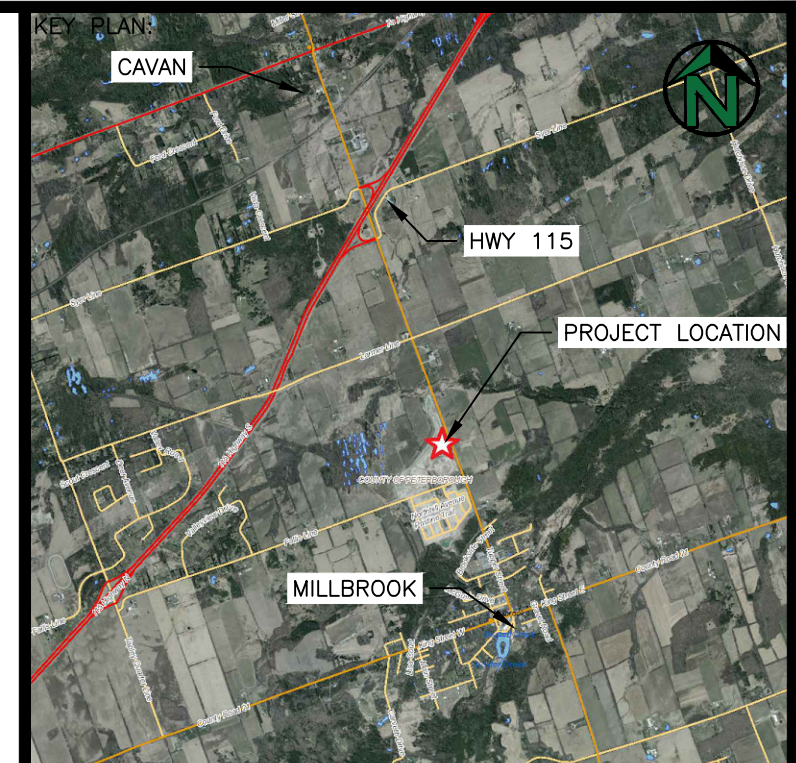
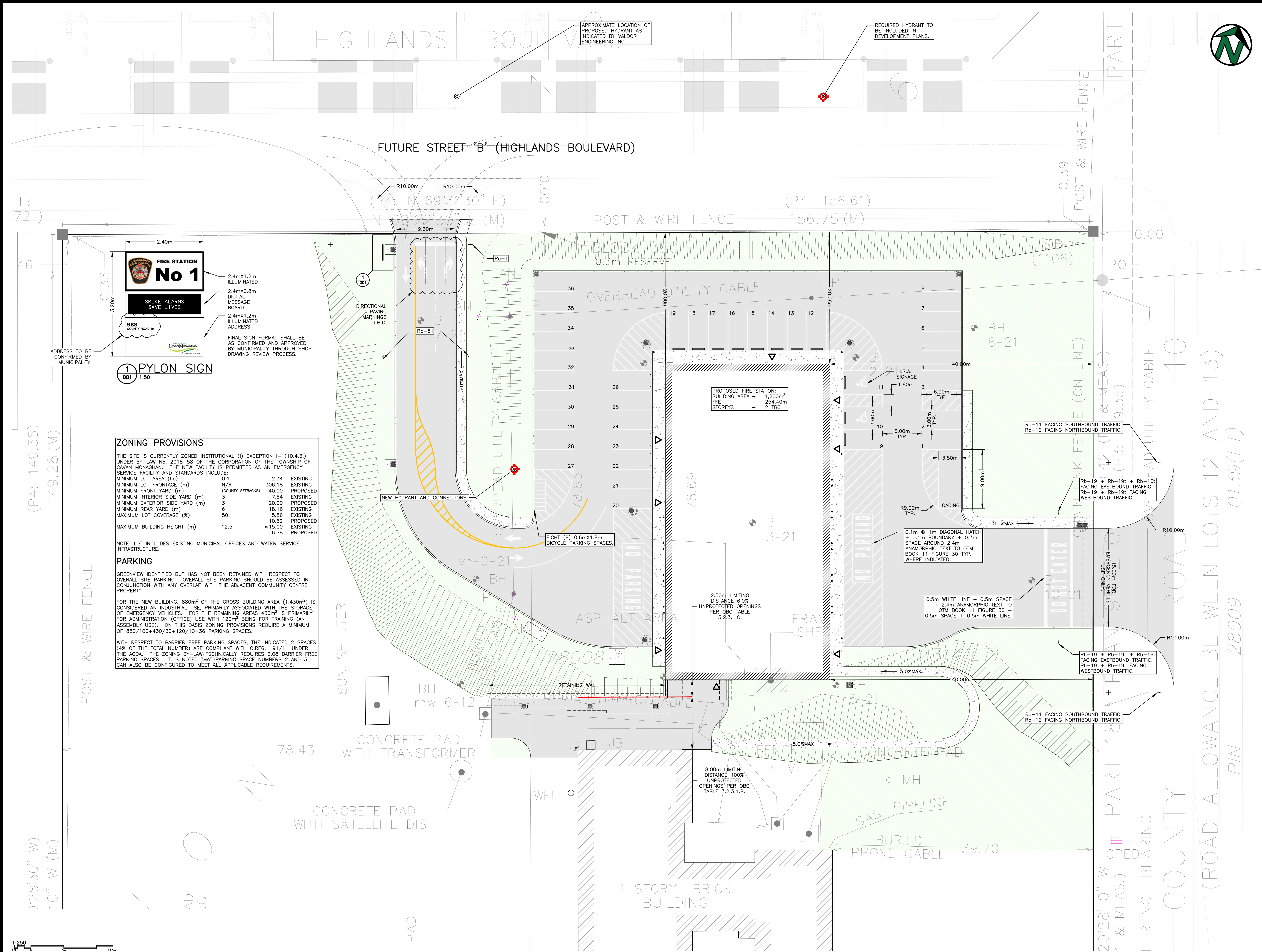


13 Commerce Court
Brampton, Ontario
613.332.0057
greenview-environmental.ca

DESIGNED BY: HSH DRAWN BY: HSH APPROVED BY: THP DATE: SEP-21

PROJECT: 164.21.005 PLOT DATE: MAY19-22

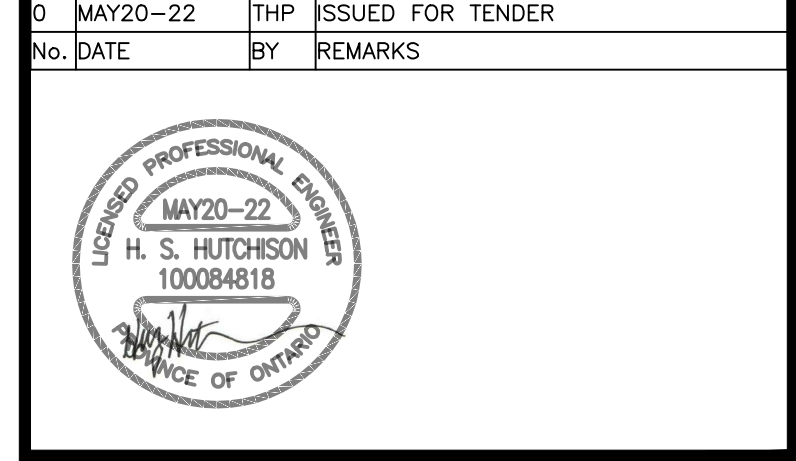
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No.	DATE	BY	REMARKS
0	MAY20-22	THP	ISSUED FOR TENDER



PROJECT:
NEW FIRE STATION No. 1
HIGHLANDS BOULEVARD
MILLBROOK, ON

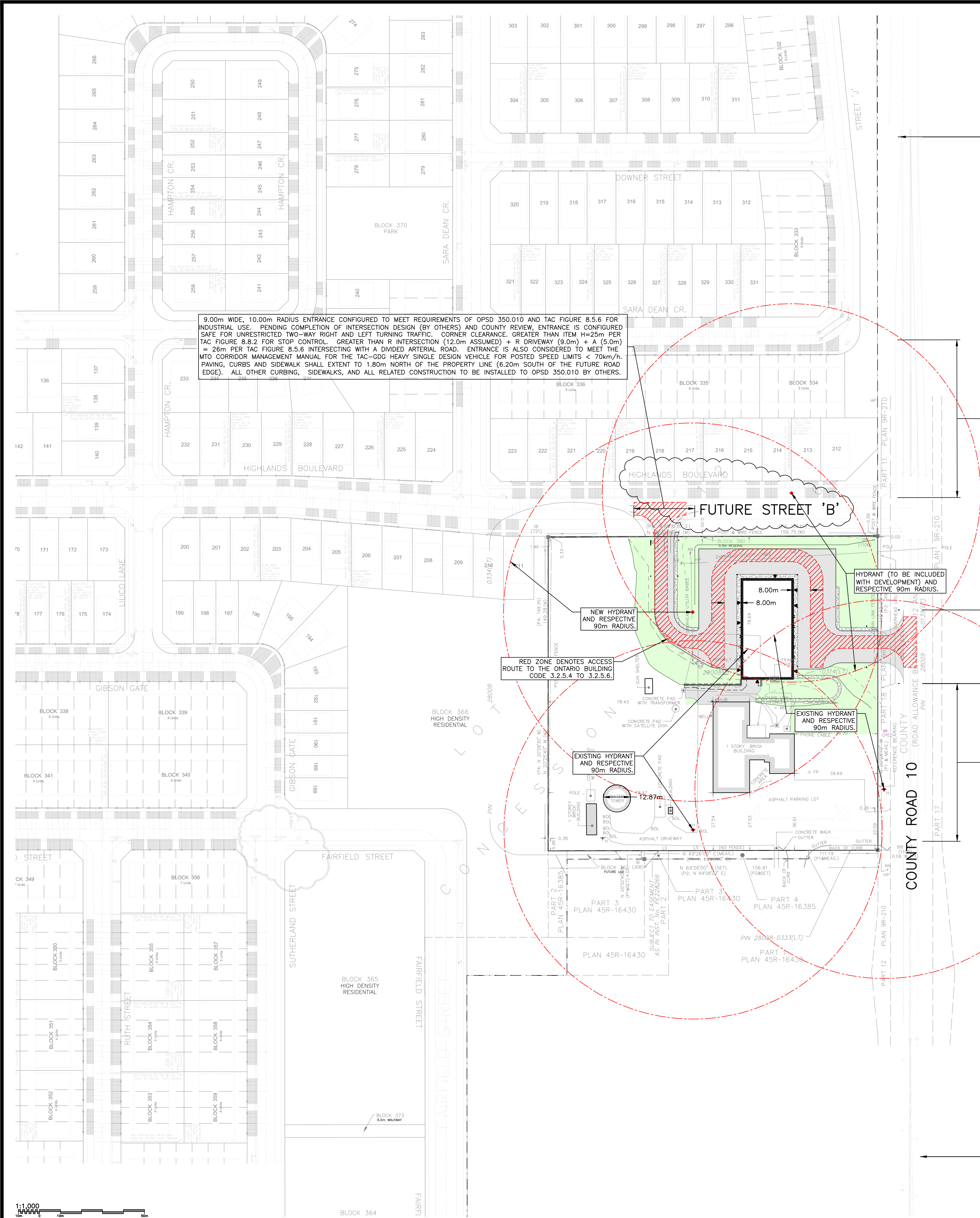
TITLE:
SITE PLAN
SCALE 1:250



DESIGNED BY: HSH
 DRAWN BY: HSH
 APPROVED BY: THP
 DATE: JUL-21

PROJECT: 164.21.005
 PLOT DATE: MAY19-22

001



NOTE: CONSTRUCTION SCHEDULING FOR TOWER HILL NORTH DEVELOPMENT HAS YET TO BE CONFIRMED. INDICATED LOT FABRIC BASED ON ELECTRONIC OLS SURVEY FOR PART OF LOT 12 CONCESSION 6, GEOGRAPHIC TOWNSHIP OF CAVAN, NOW IN THE TOWNSHIP OF CAVAN MONAGHAN, COUNTY OF PETERBOROUGH BY ELLIOT AND PARR DATED NOVEMBER 1 2021 AND ELECTRONIC FILE 17125.GEN-MP-2022 BY VALDOR ENGINEERING LIMITED. SITE PLAN TIE-INS WITHIN THE RIGHT-OF-WAY ADJACENT TO THE NORTH AND EAST PROPERTY BOUNDARIES SHALL BE CONSIDERED APPROXIMATE AND SUBJECT TO CHANGE.



NEW Wc-25R + Wc-25T FACING SOUTHBOUND TRAFFIC. SIGN POSITION IN ACCORDANCE WITH OTM BOOK 1b.

225.00m MIN. FROM SOUTH EXTENT OF ENTRANCE TO Wc25 WARNING SIGN. CONFIRM FOR POTENTIAL/ACTUAL STOP CONDITION PER OTM BOOK 11 TABLE 4.

75.00m MIN. FROM STREET 'B' TO INFORMATION SIGN INDICATING: "CAVAN MONAGHAN FIRE STATION No 1. SITE ACCESS FROM [STREET 'B'] ONLY. NO SITE ENTRANCE FROM COUNTY ROAD 10".

15.00m WIDE, 10.00m RADIUS ENTRANCE CONFIGURED TO MEET TAC-GDG FIGURE 8.5.6 FOR INDUSTRIAL USE. PENDING COMPLETION OF INTERSECTION DESIGN (BY OTHERS) AND COUNTY REVIEW, ENTRANCE IS CONFIGURED SAFE FOR UNRESTRICTED TWO-WAY RIGHT TURNING TRAFFIC AND RESTRICTED LEFT TURNING TRAFFIC (DUE TO PROPOSED NORTH BOUND LEFT-TURN LANE). 53.45m CORNER CLEARANCE PROVIDED. GREATER THAN ITEM J=35m (LEFT TURN LANE CONFIGURATION) PER TAC FIGURE 8.8.2 FOR STOP CONTROL. GREATER THAN R INTERSECTION (12.0m ASSUMED) + R DRIVEWAY (9.0m) + C (5.0m) = 26m PER TAC FIGURE 8.5.6 FOR A DIVIDED ARTERIAL ROAD. ENTRANCE IS ALSO CONSIDERED TO MEET THE MTO CORRIDOR MANAGEMENT MANUAL FOR THE TAC-GDG HEAVY SINGLE DESIGN VEHICLE FOR POSTED SPEED LIMITS < 70km/h. FOR THAT PART OF THE ENTRANCE WITHIN THE RIGHT OF WAY, ALL CURBING, SIDEWALKS, AND ALL RELATED CONSTRUCTION TO BE INSTALLED TO OPSD 350.010 BY OTHERS.

75.00m MIN. FROM EMERGENCY VEHICLE ENTRANCE TO INFORMATION SIGN INDICATING: "CAVAN MONAGHAN FIRE STATION No 1. SITE ACCESS FROM [STREET 'B'] ONLY. NO SITE ENTRANCE FROM COUNTY ROAD 10".

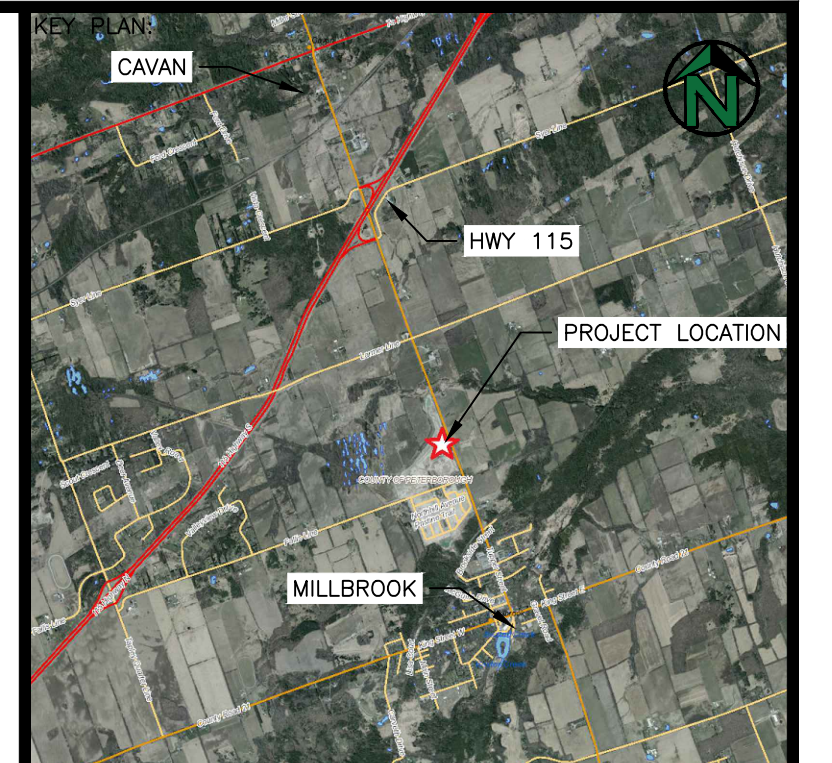
225.00m MIN. FROM SOUTH EXTENT OF ENTRANCE TO Wc25 WARNING SIGN. CONFIRM FOR POTENTIAL/ACTUAL STOP CONDITION PER OTM BOOK 11 TABLE 4.

NEW Wc-25L + Wc-25T FACING NORTHBOUND TRAFFIC. SIGN POSITION IN ACCORDANCE WITH OTM BOOK 1b.

REGULATORY SIGNS TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 5, POSITIONED IN ACCORDANCE WITH OTM BOOK 1b.

WARNING SIGNS TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 5, POSITIONED IN ACCORDANCE WITH OTM BOOK 1b.

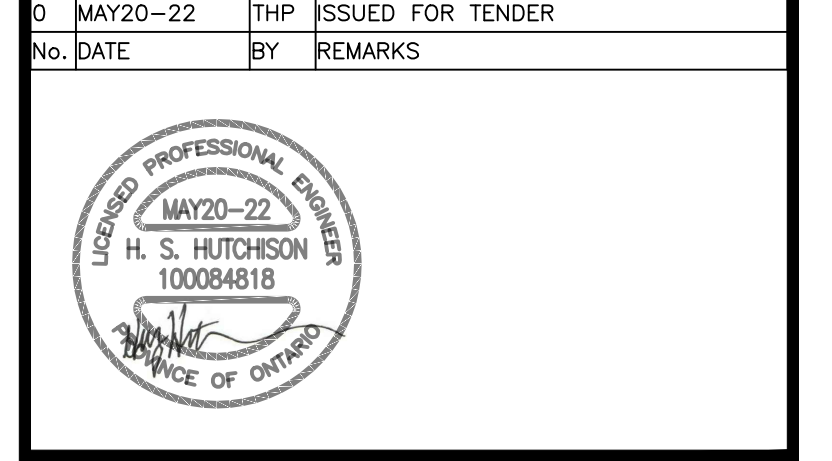
INFORMATION SIGNS SHALL BE DESIGNED AND MANUFACTURED WITH RESPECT TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 8 AND RELATED PARTS OF THE OTM.



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No.	DATE	THP	ISSUED FOR TENDER
0	MAY20-22	THP	ISSUED FOR TENDER
No.	DATE	BY	REMARKS



CLIENT:
TOWNSHIP OF CAVAN MONAGHAN

PROJECT:
**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

TITLE:
**CIRCULATION AND FIRE
 PROTECTION SITE PLAN
 SCALE 1:1000**



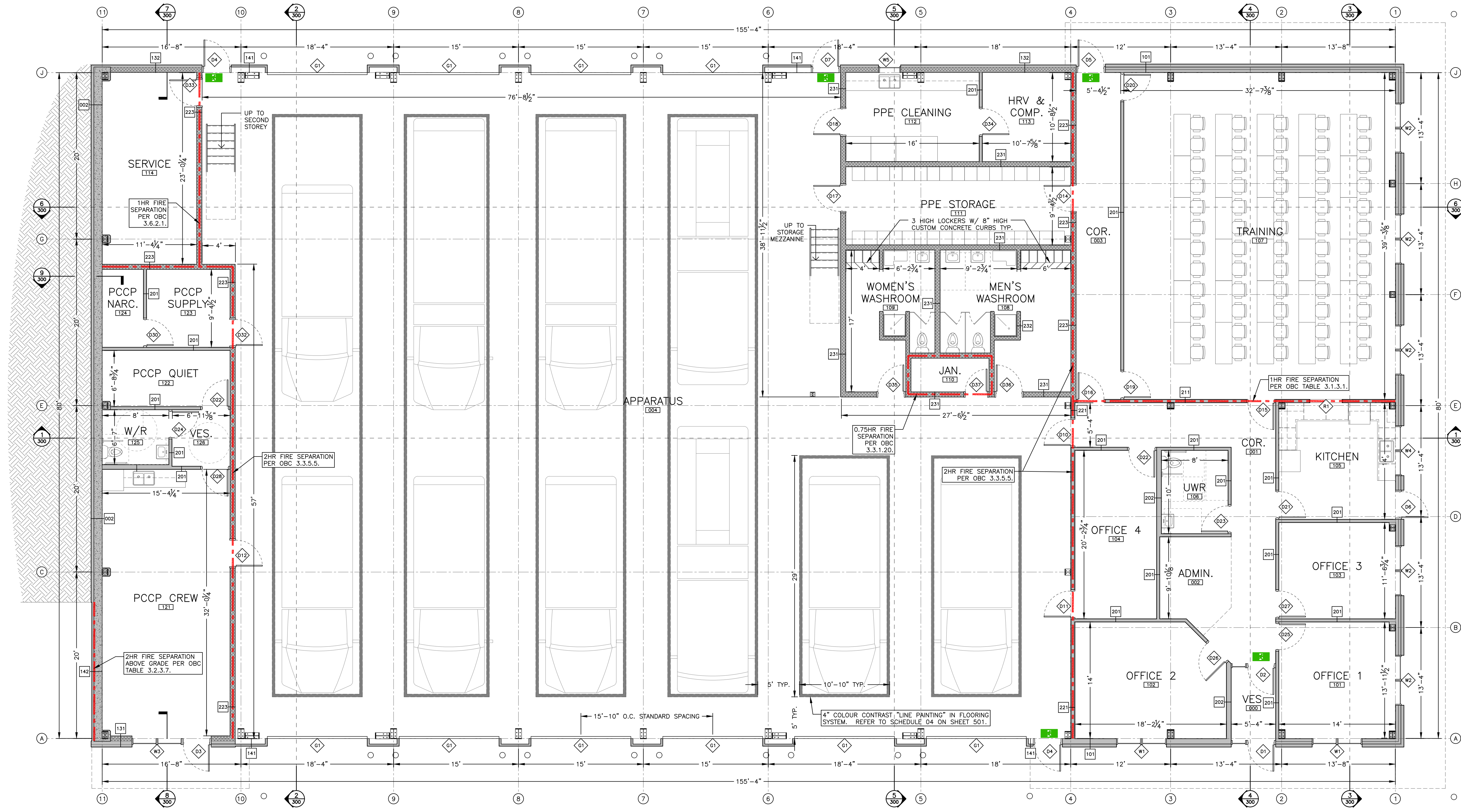
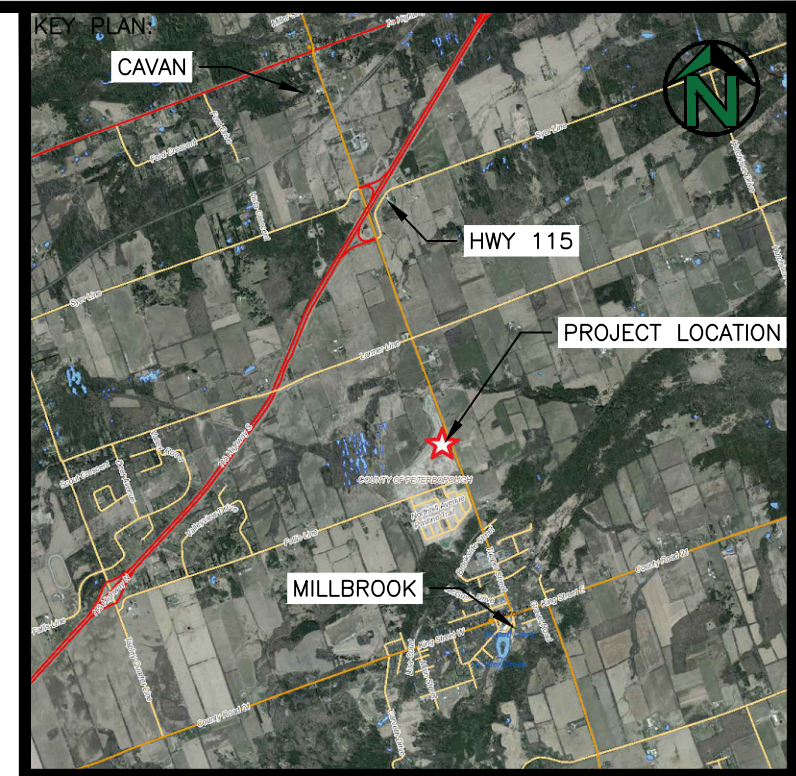
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 Barrie, Ontario
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DESIGNED BY:	DRAWN BY:	APPROVED BY:	DATE:
HSB	HSB	THP	JAN-22

PROJECT:
164.21.005

PLOT DATE
MAY19-22

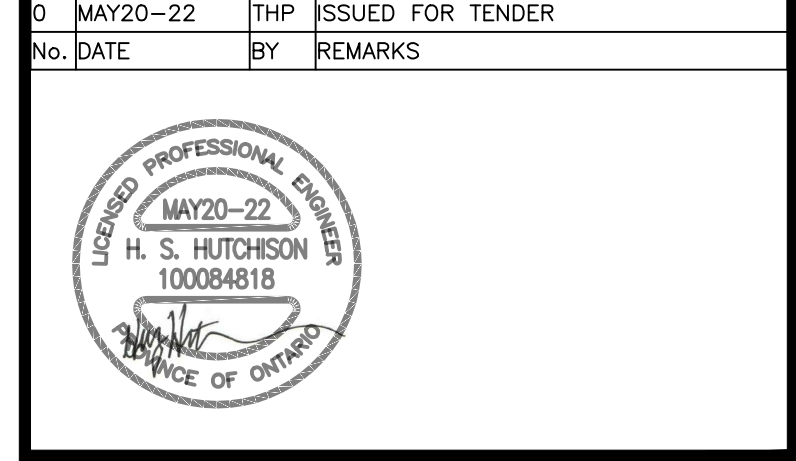
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GENERAL NOTES

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No.	DATE	BY	REMARKS
0	MAY20-22	THP	ISSUED FOR TENDER



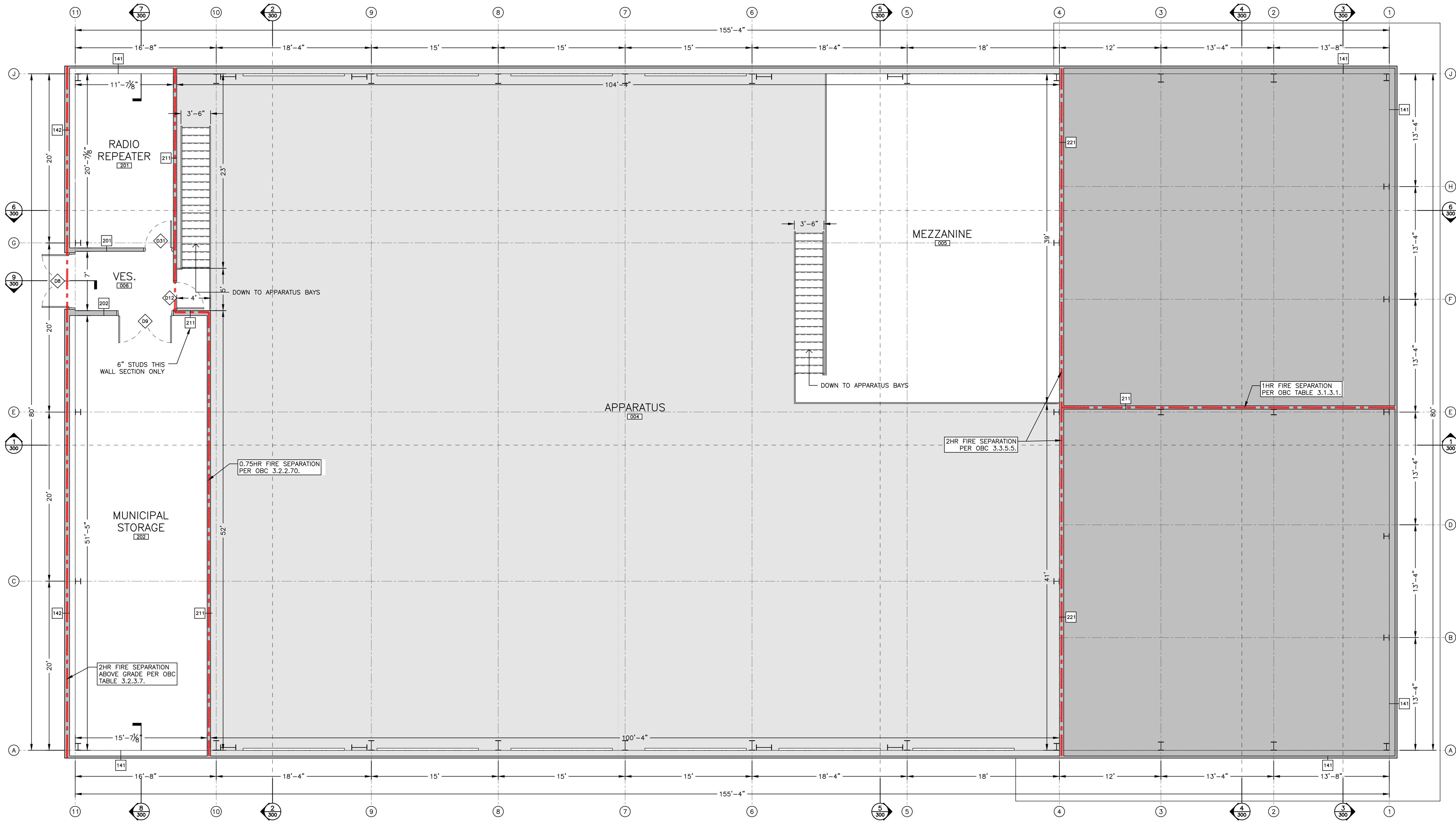
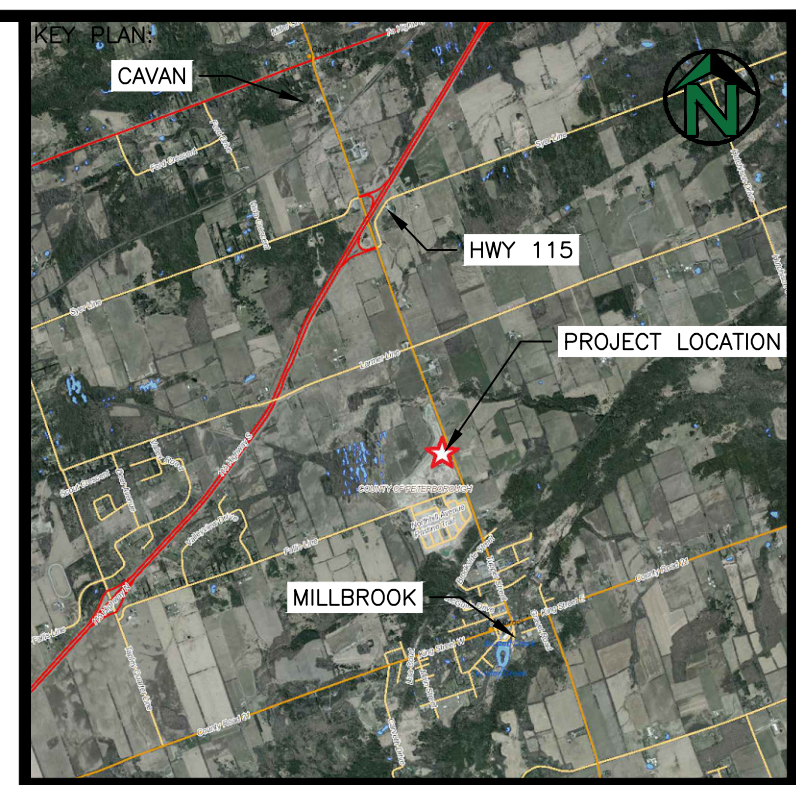
PROJECT:
**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

TITLE:
MAIN FLOOR PLAN



DESIGNED BY: HSH
 DRAWN BY: HSH
 APPROVED BY: THP
 DATE: JUL-21

MAIN FLOOR PLAN
 1:75



- GENERAL NOTES**
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No.	DATE	BY	REMARKS
0	MAY20-22	THP	ISSUED FOR TENDER



CLIENT:
**TOWNSHIP OF
 CAVAN MONAGHAN**

PROJECT:
**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

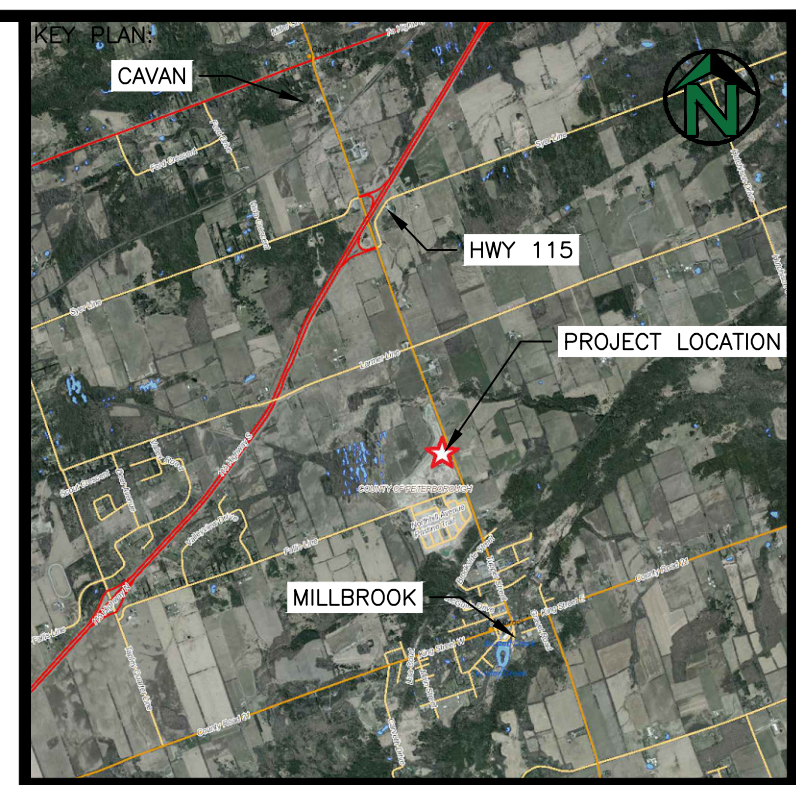
TITLE:
**SECOND STOREY
 AND MEZZANINE
 FLOOR PLAN**



DESIGNED BY: HSH
 DRAWN BY: HSH
 APPROVED BY: THP
 DATE: SEP-21

PROJECT: 164.21.005
 PLOT DATE: MAY19-22

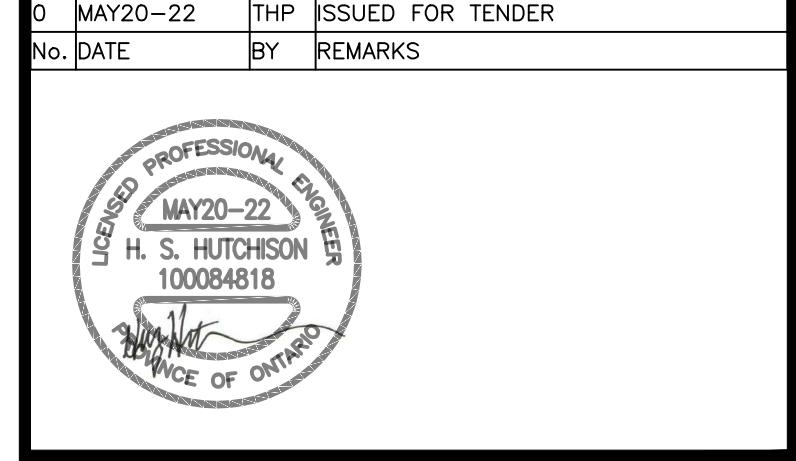
SECOND STOREY AND MEZZANINE FLOOR PLAN
 1:75



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0	MAY20-22	THP	ISSUED FOR TENDER



CLIENT:
TOWNSHIP OF CAVAN MONAGHAN

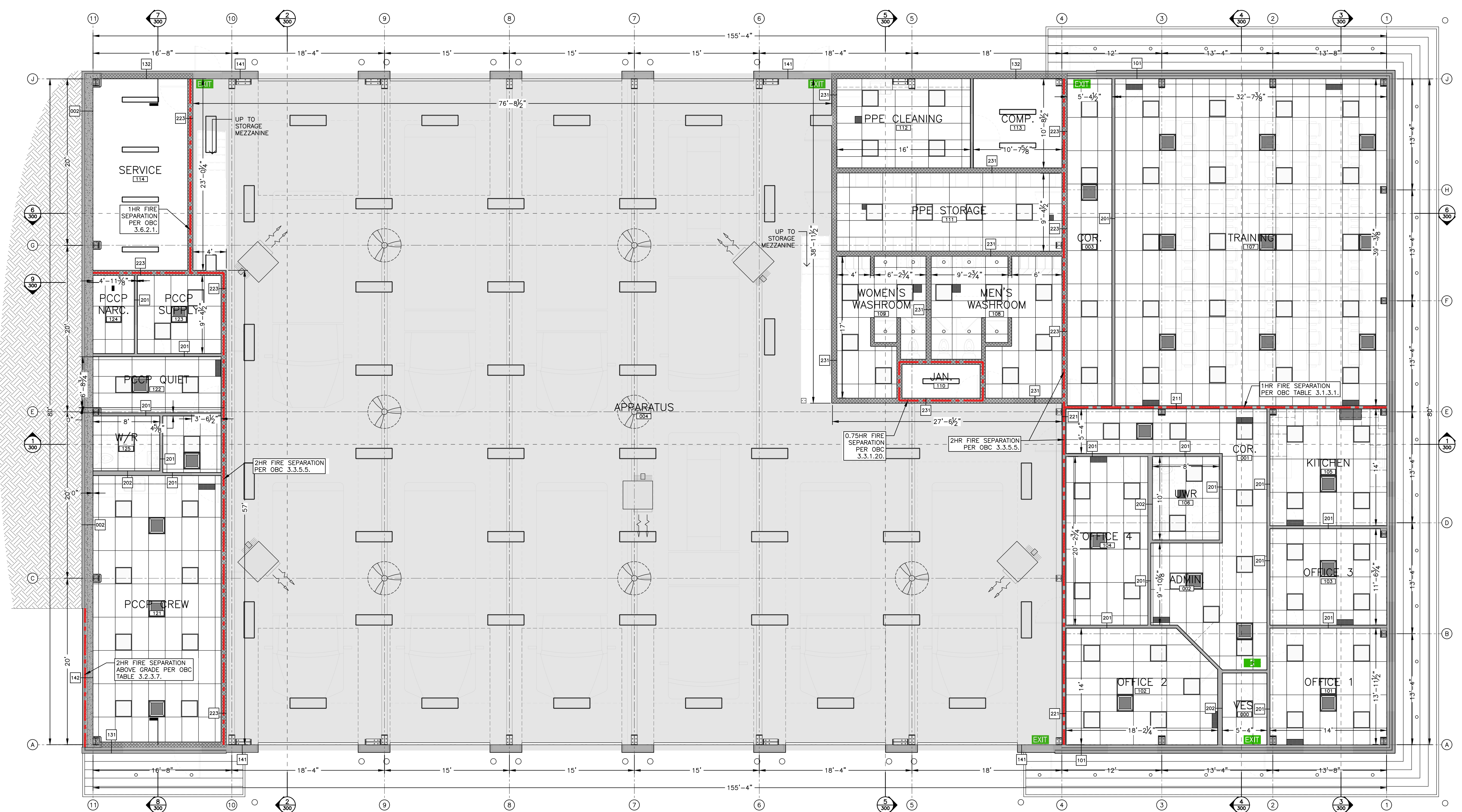
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**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

TITLE:
MAIN FLOOR REFLECTED CEILING PLAN

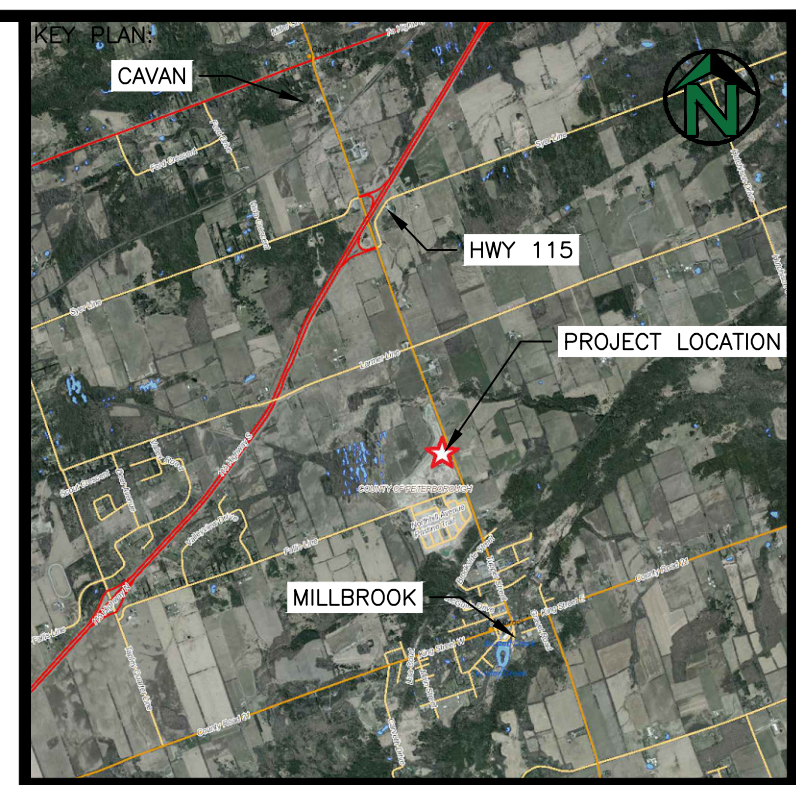


DESIGNED BY: HSH
 DRAWN BY: HSH
 APPROVED BY: THP
 DATE: OCT-21

PROJECT: 164.21.005
 PLOT DATE: MAY19-22



MAIN FLOOR REFLECTED CEILING PLAN
 1:75



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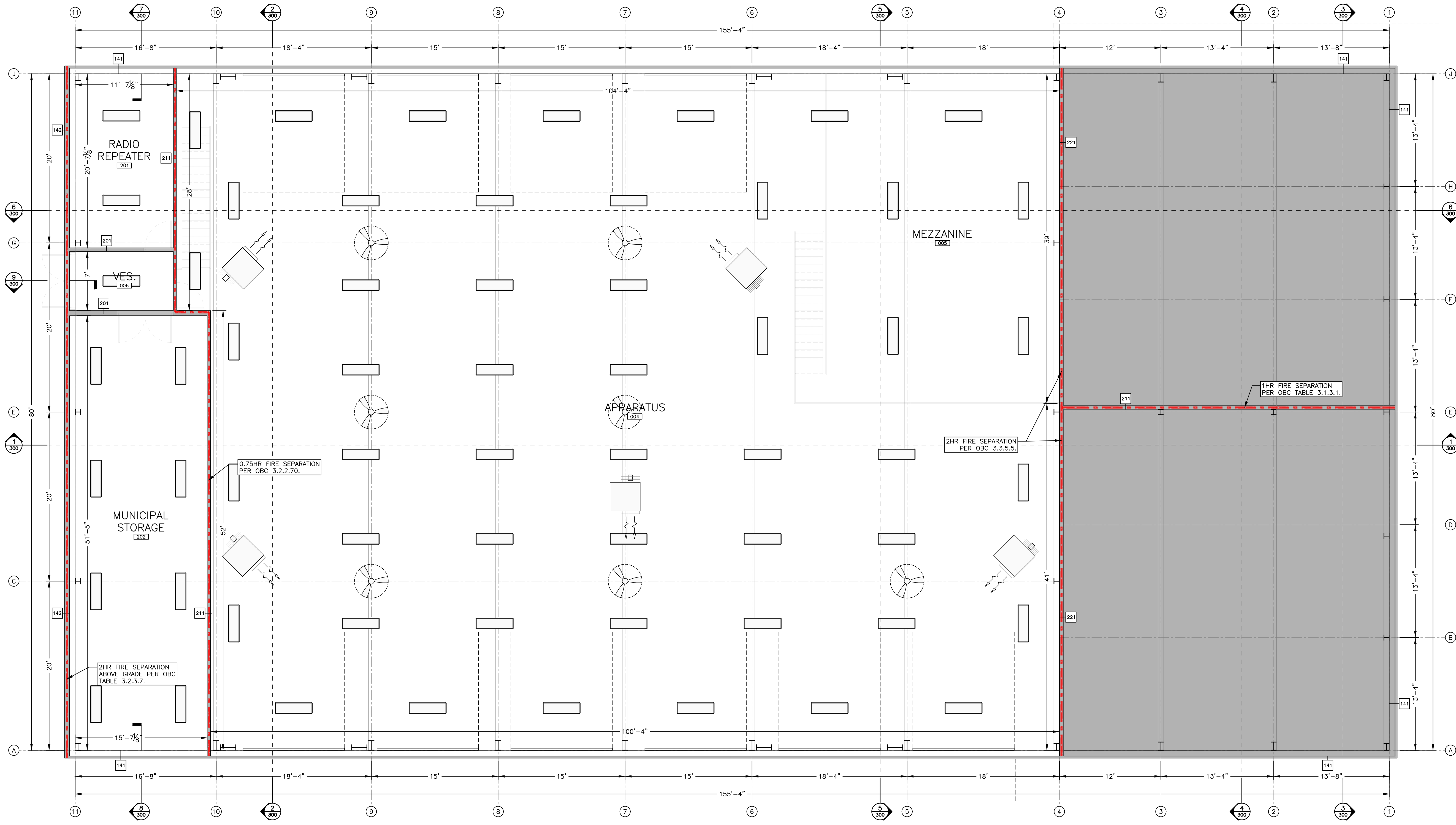
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**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

TITLE:
**SECOND STOREY
 AND MEZZANINE
 FLOOR REFLECTED
 CEILING PLAN**

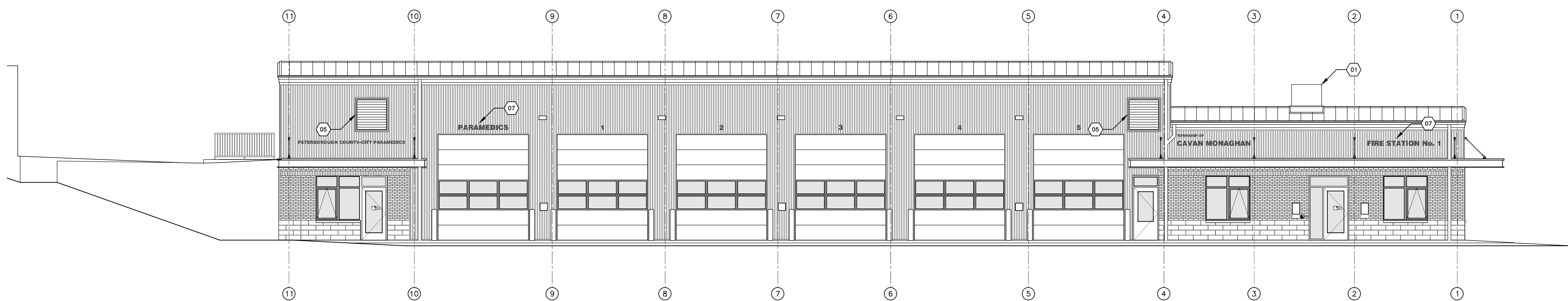


DESIGNED BY: HSH
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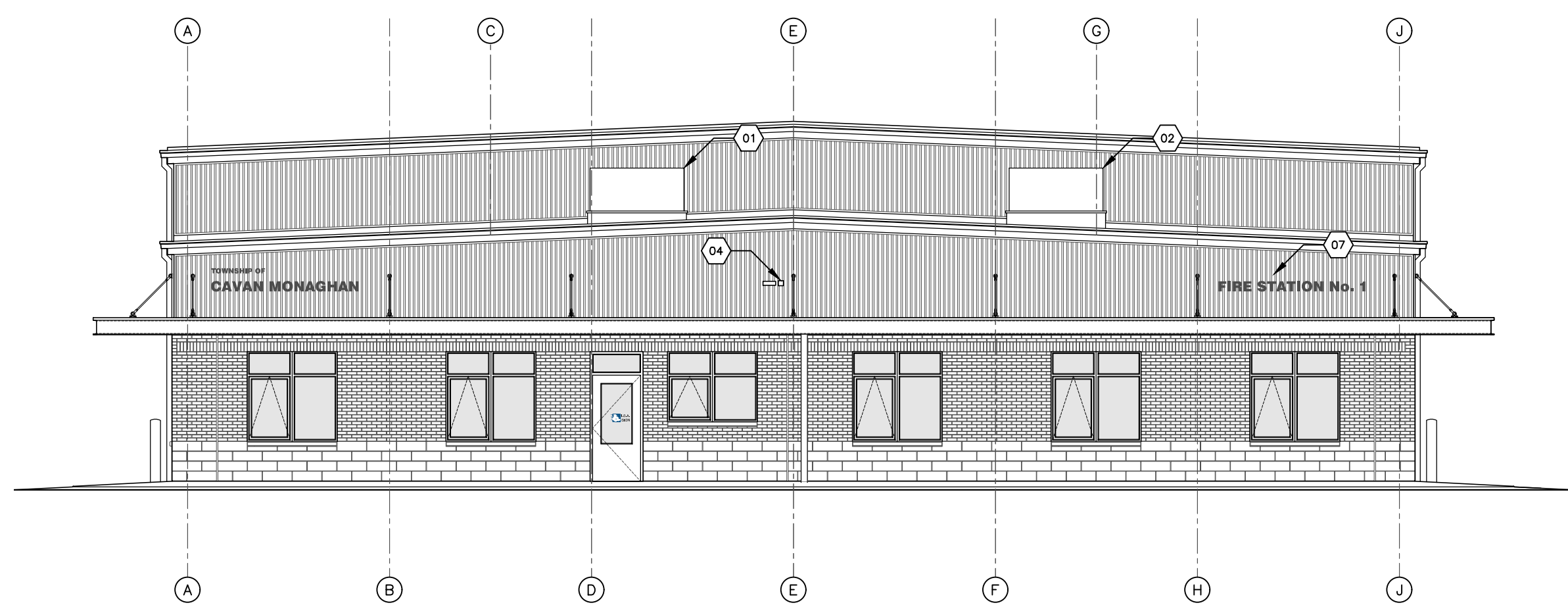
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 PLOT DATE: MAY19-22



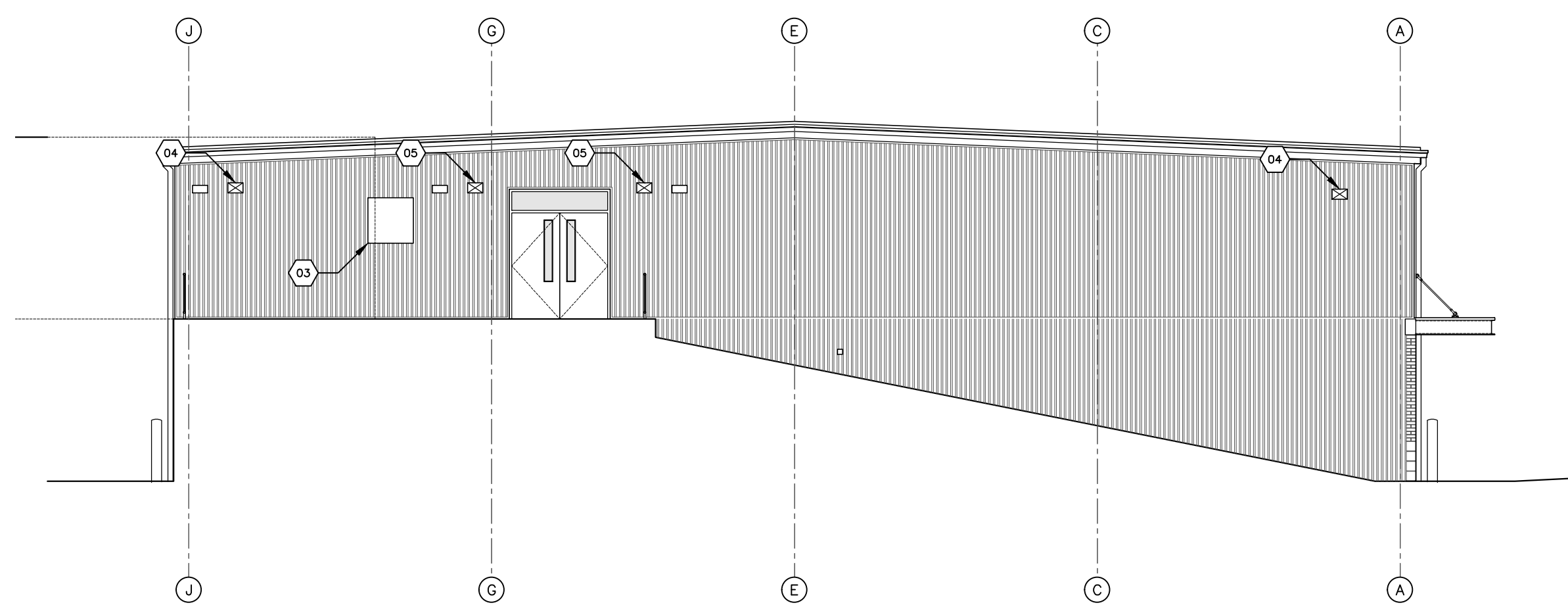
SECOND STOREY AND MEZZANINE FLOOR REFLECTED CEILING PLAN
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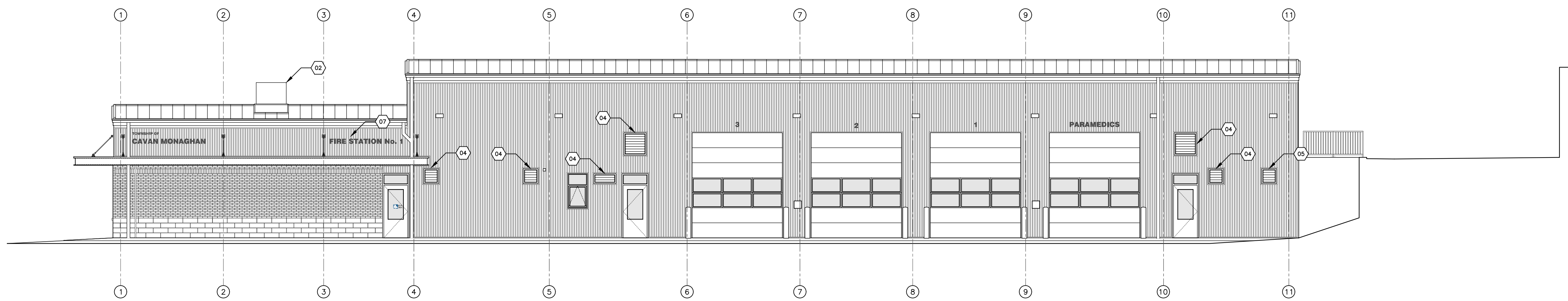
EAST ELEVATION
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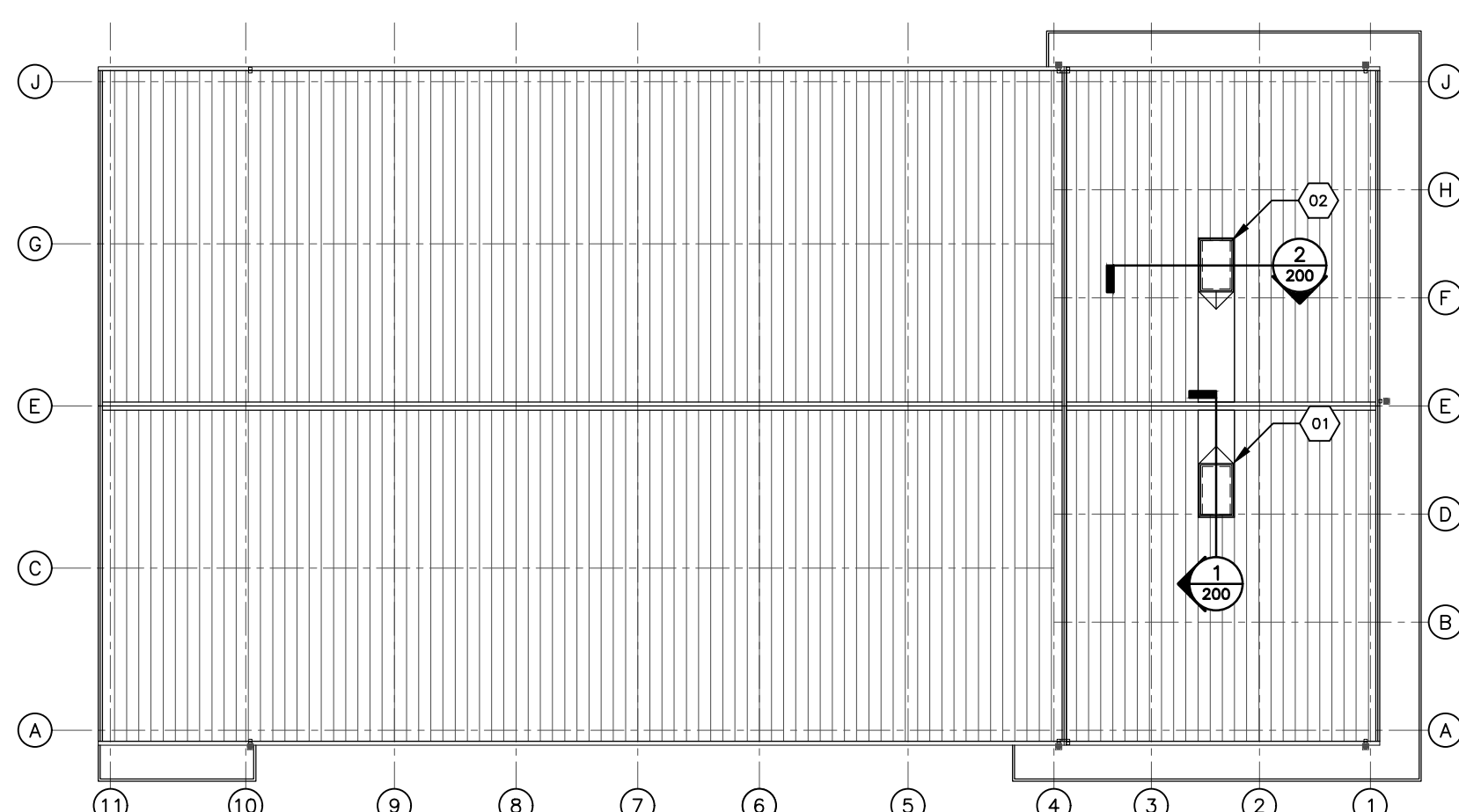
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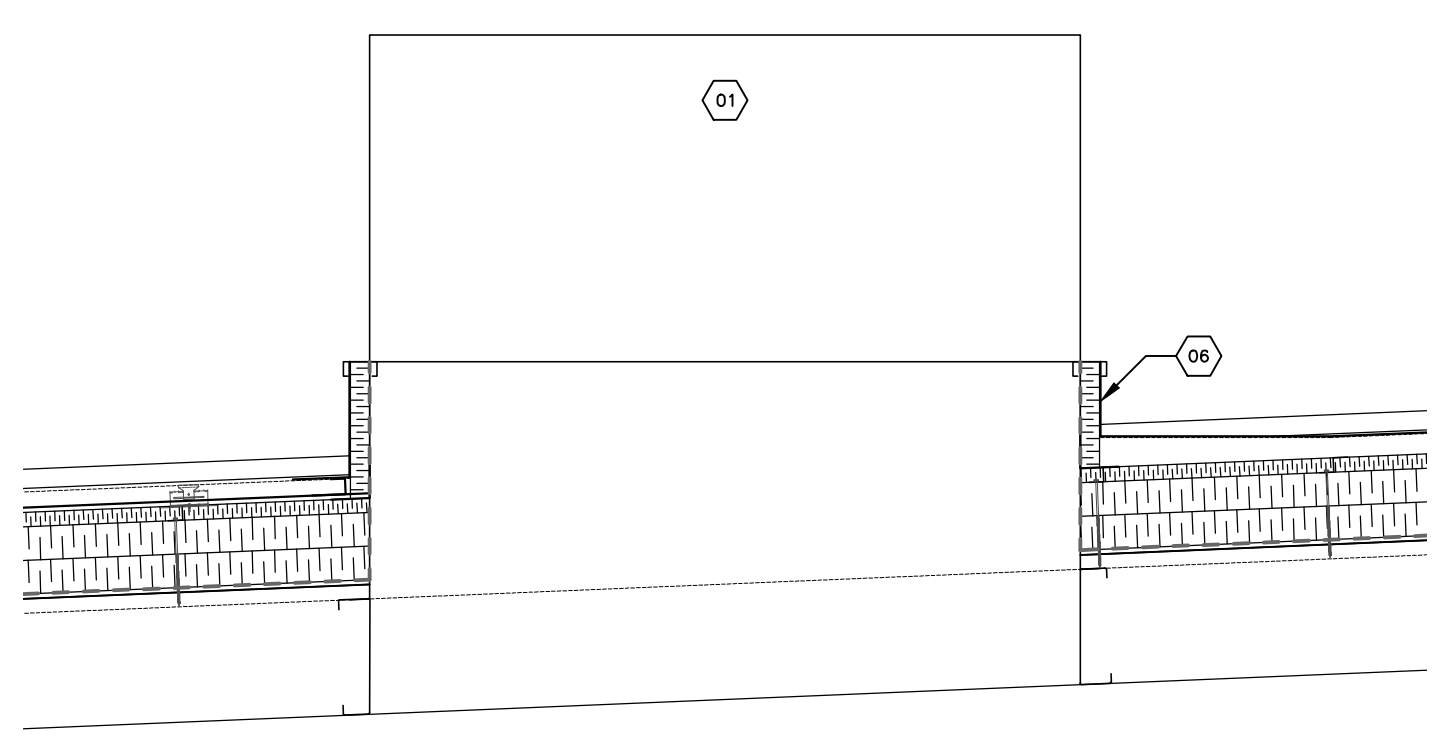
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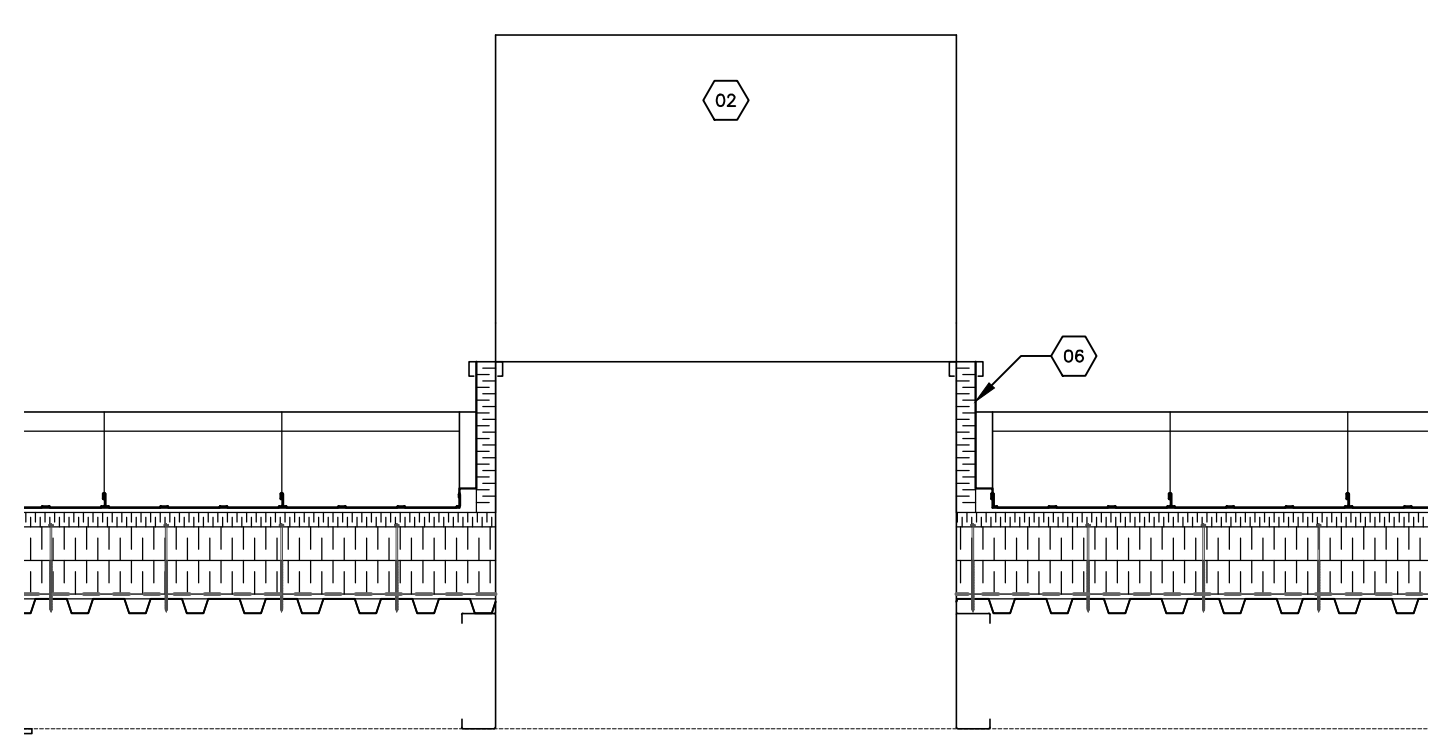
WEST ELEVATION
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ROOF PLAN
1:250



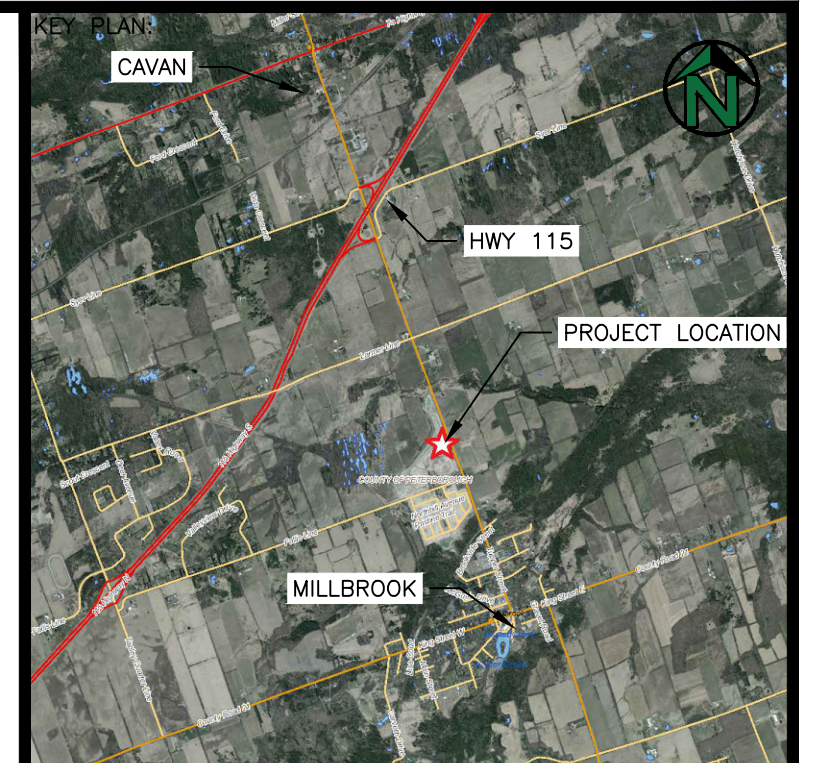
1 DETAIL
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2 DETAIL
200 1:20

KEY NOTES SHEET 200

- 01 RTU (A/C-1) 2.8kN UNIT WEIGHT. CONFIRM/COORDINATE WITH MECHANICAL DRAWINGS.
- 02 RTU (A/C-2) 2.8kN UNIT WEIGHT. CONFIRM/COORDINATE WITH MECHANICAL DRAWINGS.
- 03 WALL MOUNTED CONDENSING UNIT (CU-1 MTD). CONFIRM/COORDINATE WITH MECHANICAL DRAWINGS.
- 04 VENTILATION AIR EXHAUST/PLENUM. CONFIRM COORDINATE WITH MECHANICAL DRAWINGS.
- 05 VENTILATION AIR INTAKE. CONFIRM COORDINATE WITH MECHANICAL DRAWINGS.
- 06 CURB DESIGN TO BE CONFIRMED COORDINATED DURING SUBMISSION PROCESS. 1/2 CURB TO EXTEND ABOVE ADJACENT ROOF RIDGE. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 07 BUILDING SIGNAGE TO BE DETERMINED BY OWNER UNDER CONTRACT CASH ALLOWANCE.



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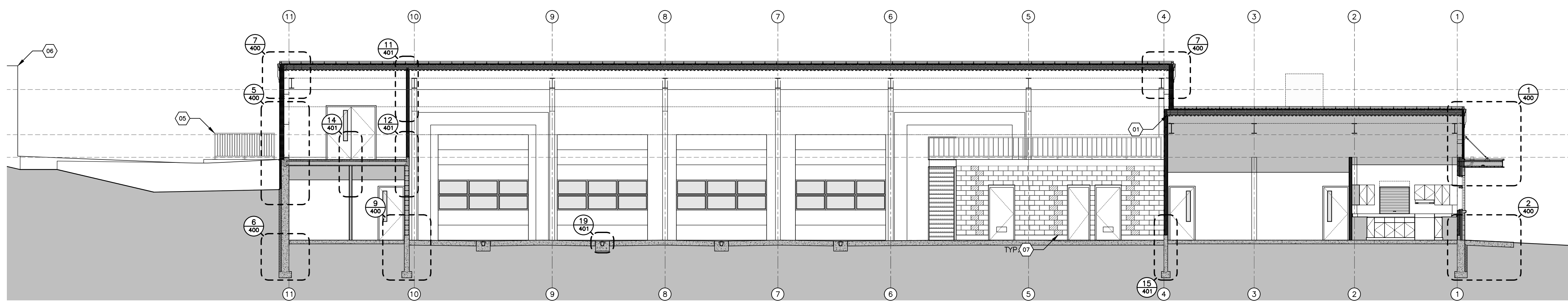
PROJECT:
NEW FIRE STATION No. 1
HIGHLANDS BOULEVARD
MILLBROOK, ON

TITLE:
ELEVATIONS
ROOF PLAN
AND DETAILS

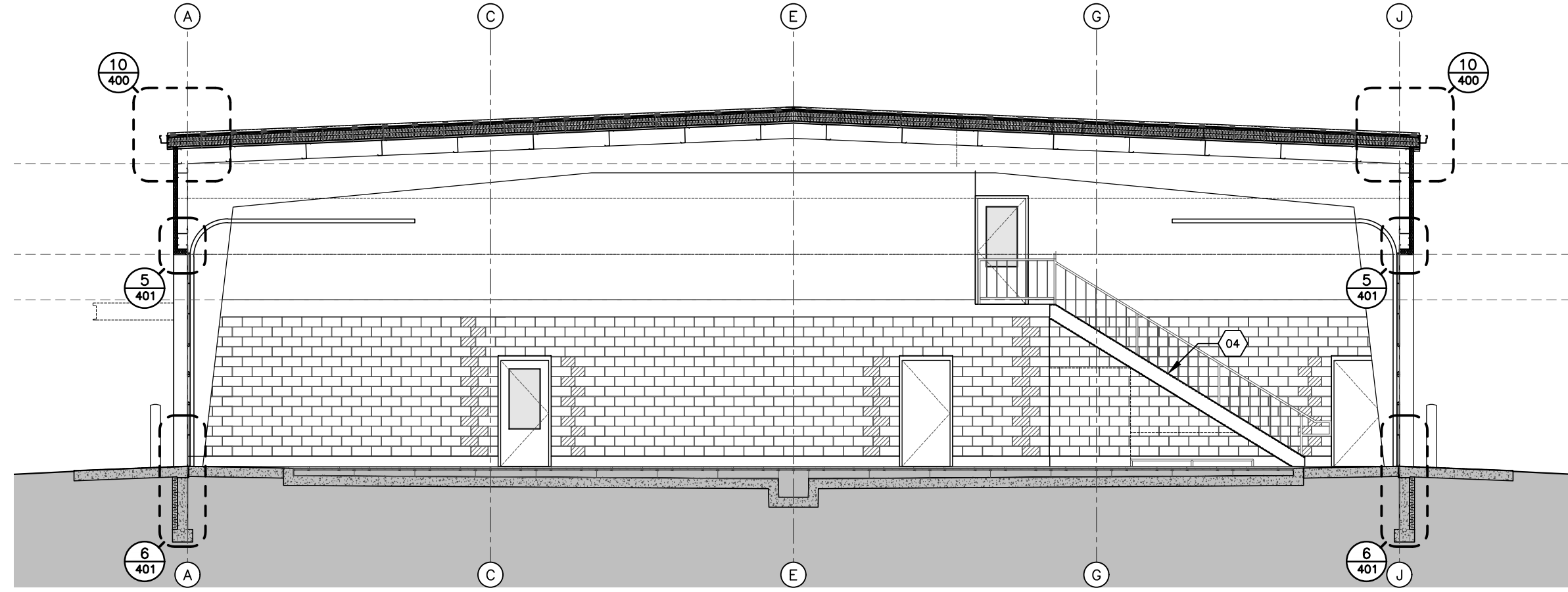
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DESIGNED BY: HSH	DRAWN BY: HSH	APPROVED BY: THP	DATE: SEP-21
PROJECT: 164.21.005		PLOT DATE: MAY19-22	

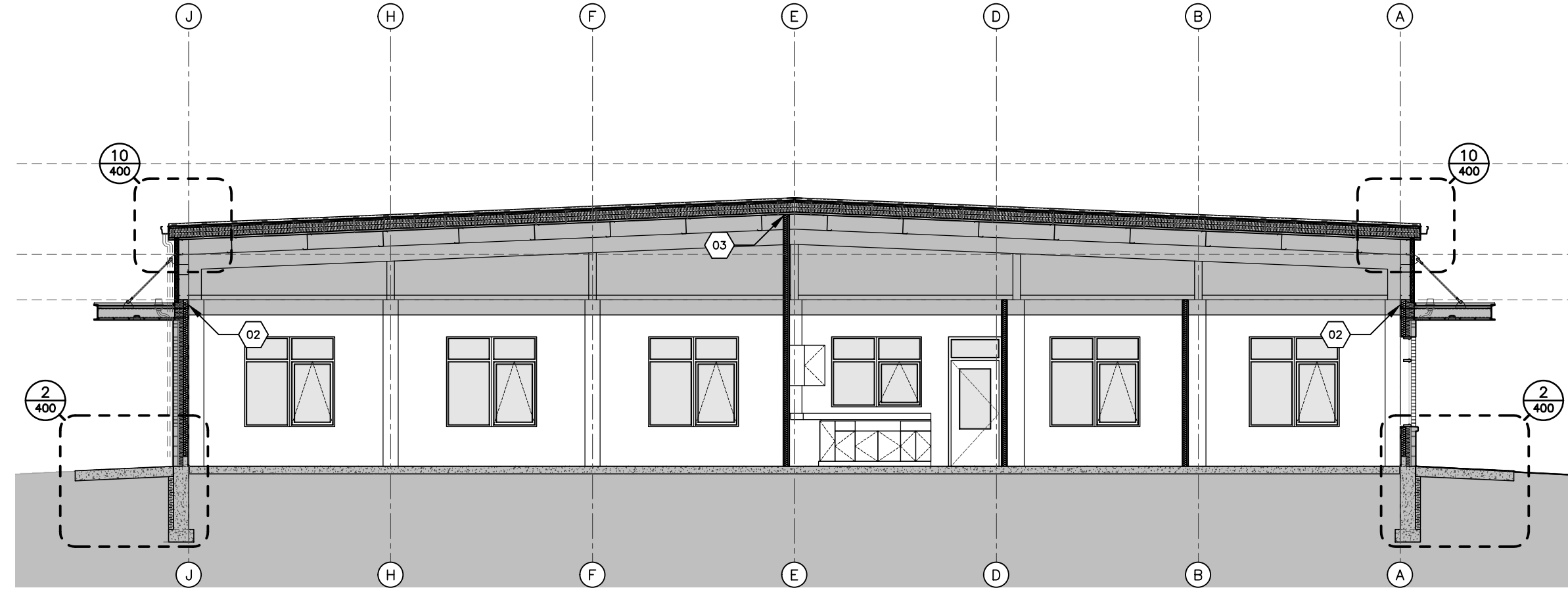
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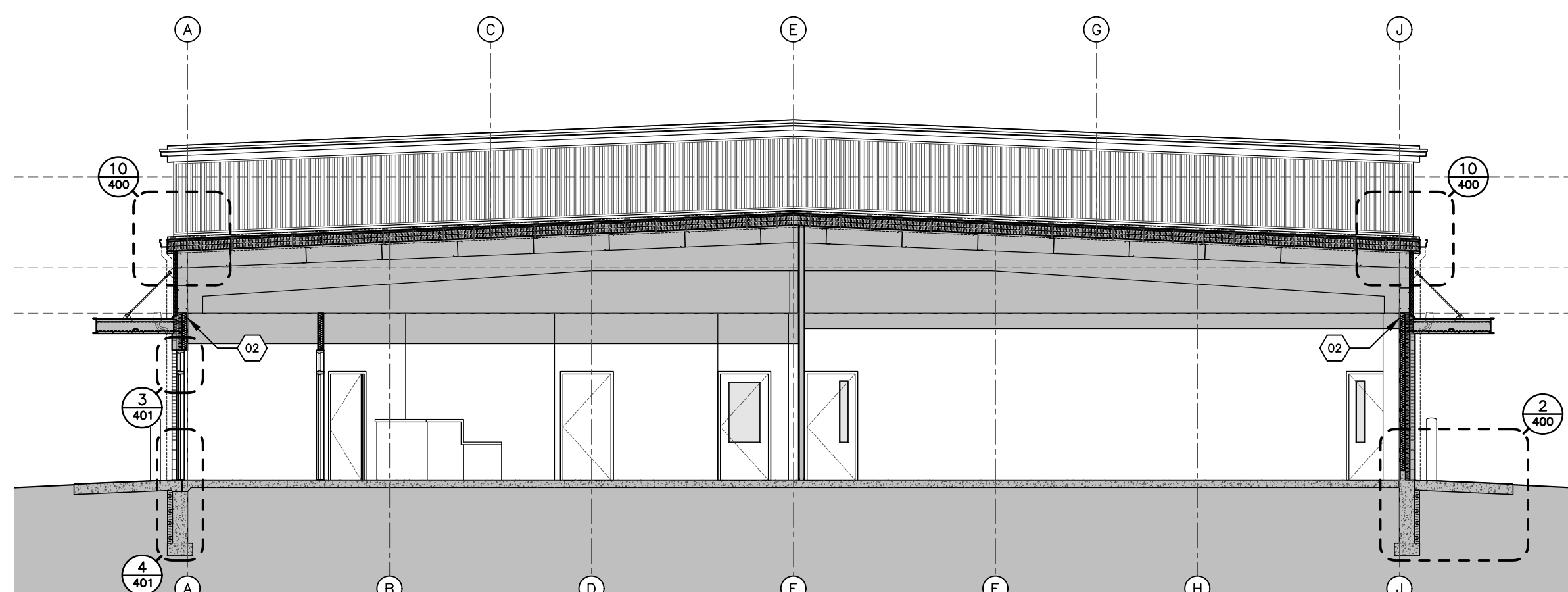
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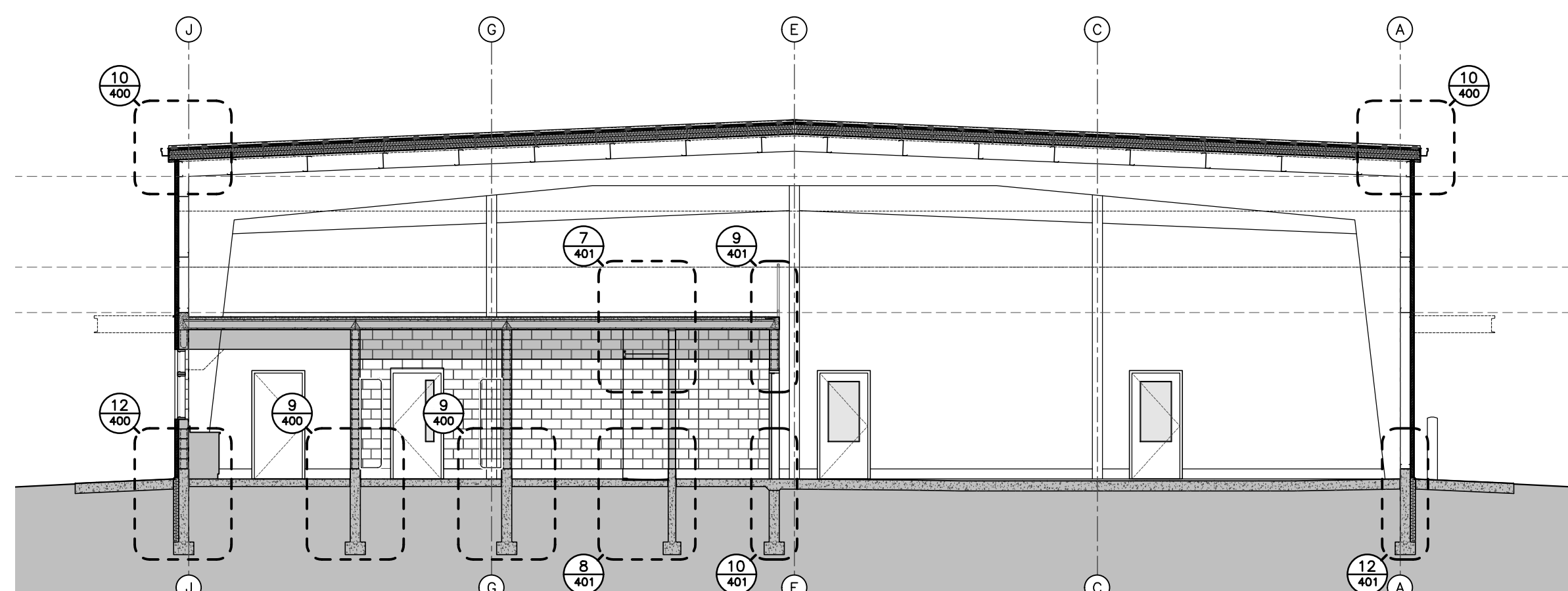
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3 SECTION
300 1:100



4 SECTION
300 1:100



5 SECTION
300 1:100

NOTE: REFER TO SHEET 000, 101, AND 102 FOR TYPE AND LOCATION AND FOR FIRE SEPARATIONS AND RELATED FIRE RESISTANCE RATINGS.

KEY NOTES SHEET 300

01 REFER TO DETAIL 8/400 FOR INFORMATION ON CONNECTION BETWEEN ASSEMBLIES 142, 221, AND 441.

02 REFER TO DETAIL 1/400 FOR INFORMATION ON CONNECTION BETWEEN ASSEMBLIES 101, 141, AND 451.

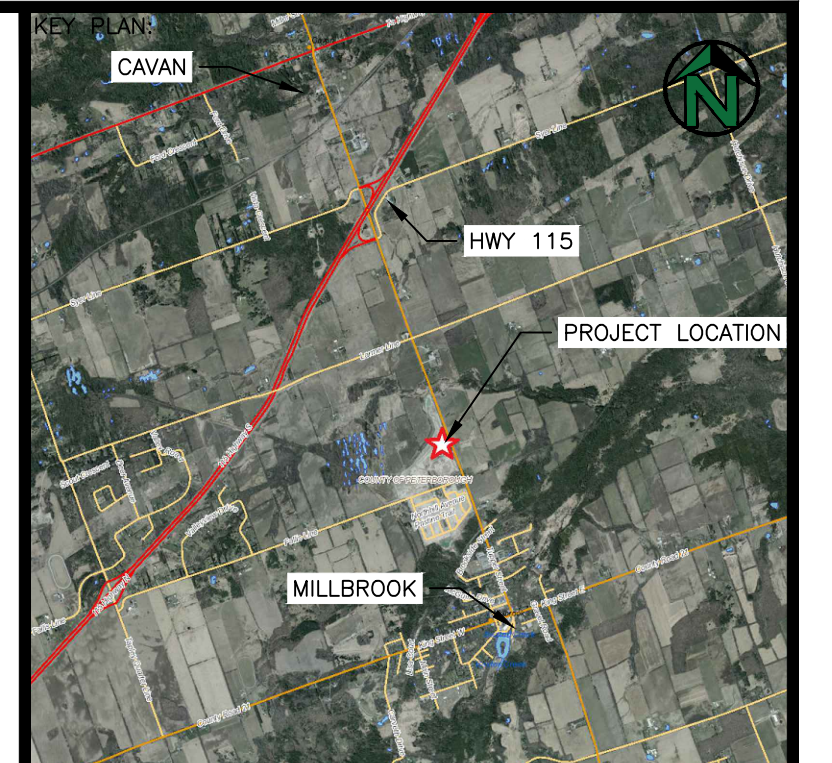
03 SIMILAR TO DETAIL 11/401. CONFIRM MAXIMUM DEFLECTIONS WITH PRE-ENG SUPPLIER. PROVIDE SLIP/SLOTTED TRACK NON-LOADBEARING STEEL STUD WALL CONNECTION. FULLY FIRE BLOCK DECK FLUTES AT WALL LOCATION (3M FIRE CAULKING + MINERAL WOOL BACKING).

04 REFER TO DETAIL 17/401 FOR INFORMATION OF STAIR CONFIGURATION.

05 REFER TO STRUCTURAL DRAWINGS FOR INFORMATION ON RETAINING WALLS AND EXTERIOR GUARDRAILS.

06 EXISTING MUNICIPAL OFFICES. REFER TO STRUCTURAL DRAWINGS AND GEOTECHNICAL REPORT(S) FOR ADDITIONAL INFORMATION.

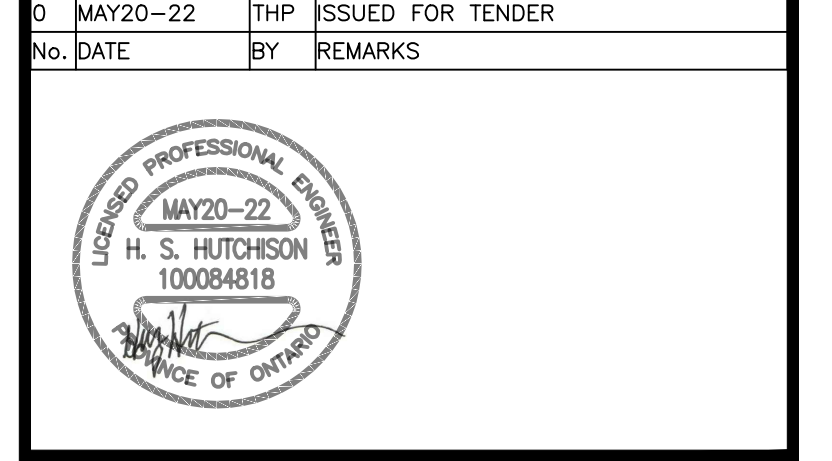
07 ENSURE FULL (OR FULL HALF) CMU MASONRY BLOCKS AT CORNERS, WALL ENDS, BOTH SIDES OF WALL OPENINGS, AND FULL COURSE FOR THE LARGEST POSSIBLE WALL AREA. CUT BLOCKS MAY BE LOCATED NEAR CORNERS, WALL ENDS AND OPENINGS AND AT REGULAR INTERVALS. EXPOSED OUTSIDE CORNERS SHALL BE RADIUS 1" TYP.



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CLIENT:
TOWNSHIP OF CAVAN MONAGHAN

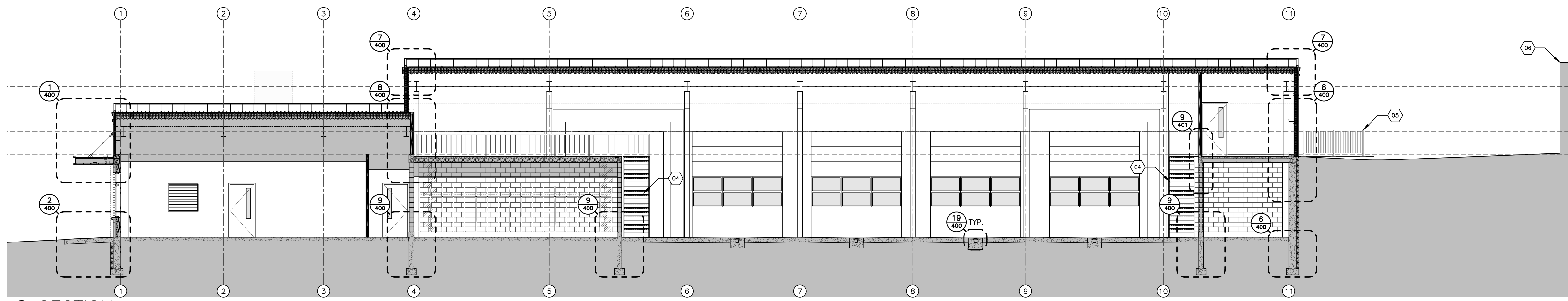
PROJECT:
**NEW FIRE STATION No. 1
HIGHLANDS BOULEVARD
MILLBROOK, ON**

TITLE:
SECTIONS

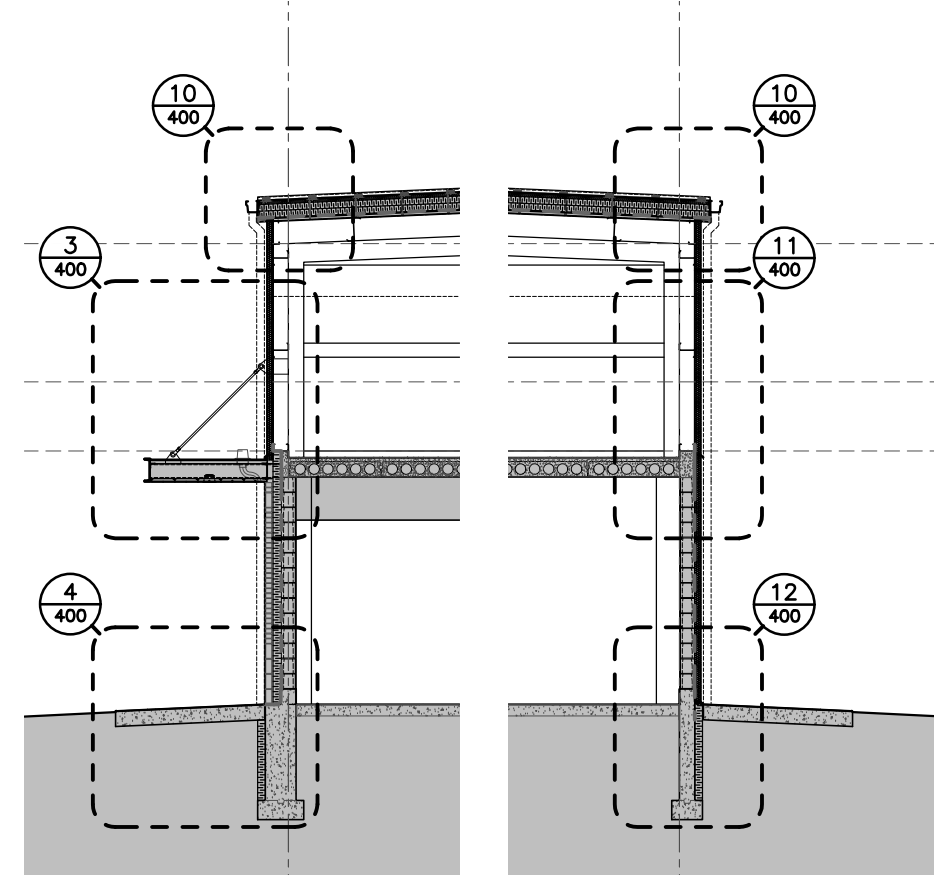


DESIGNED BY: HSH
DRAWN BY: HSH
APPROVED BY: THP
DATE: SEP-21

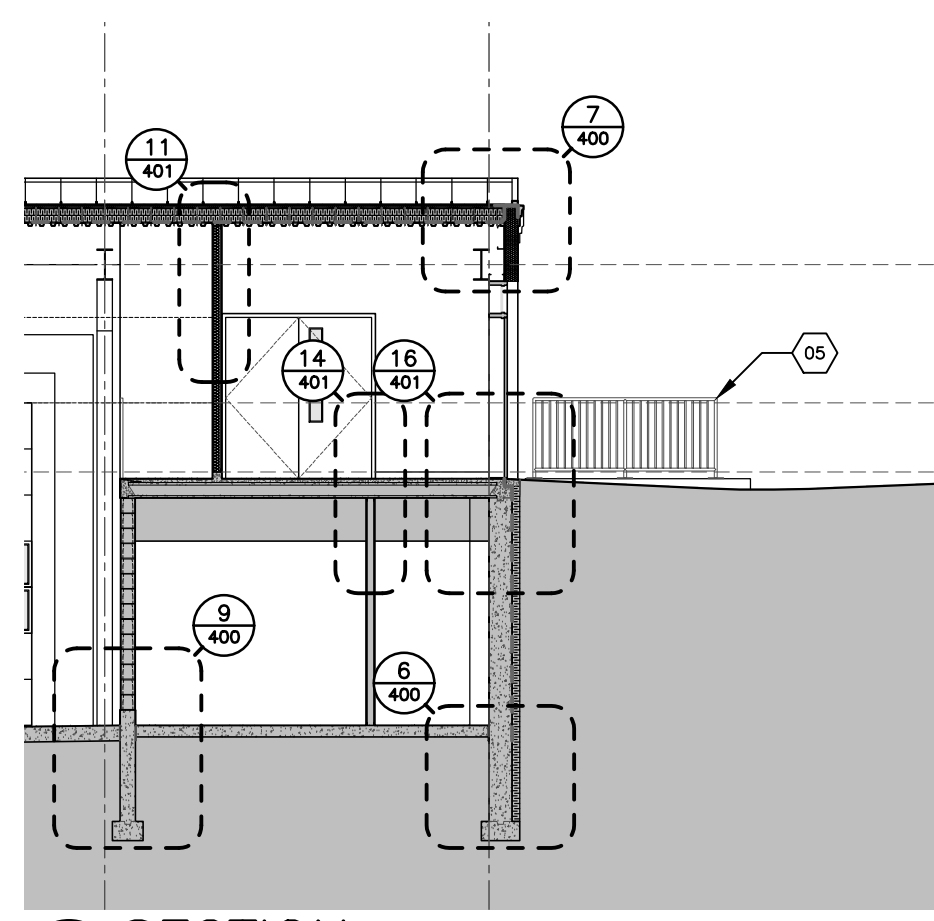
PROJECT: 164.21.005
PLOT DATE: MAY20-22



6 SECTION
300 1:100



7 SECTION
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8 SECTION
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NOTE: REFER TO SHEET 000, 101, AND 102 FOR TYPE AND LOCATION AND FOR FIRE SEPARATIONS AND RELATED FIRE RESISTANCE RATINGS.

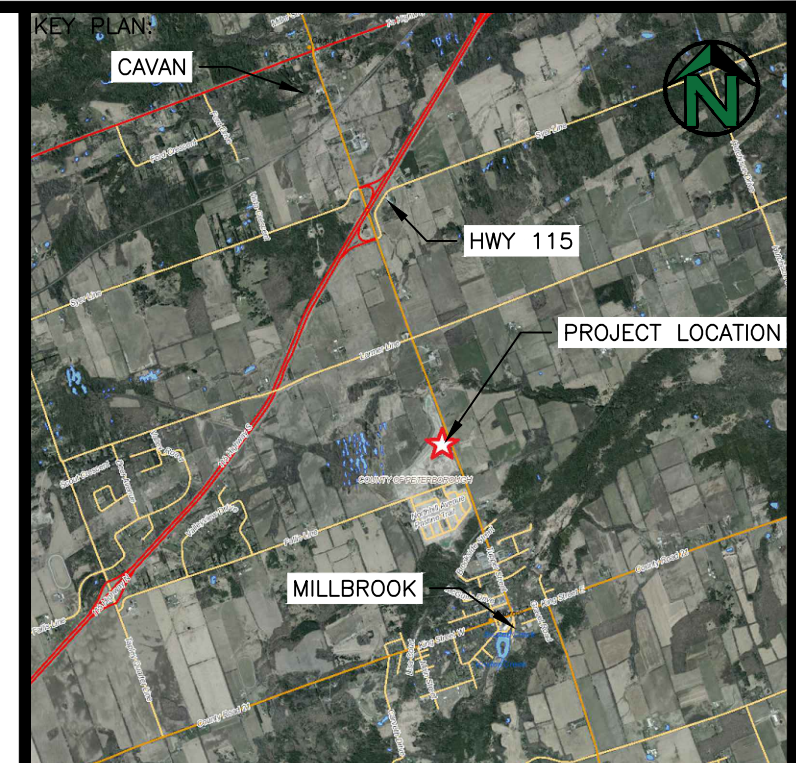
KEY NOTES SHEET 400 AND 401

- 01 45° HOT-DIP-GALVANIZED CLEVIS AND THE ROD SUPPORT TIED BACK TO PRE-ENG STRUCTURE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 02 CANOPY BEAM TIED BACK TO PRE-ENG STRUCTURE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 03 ALL CANOPY STEEL TO BE FACTORY PRIMED WITH TOUCH-UP IN THE FIELD. FINISH TO SP-2 PER SCHEDULE 04 ON SHEET 501.
- 04 FLANGED ROOF DRAIN WITH SLASHING CLAMP (WATTS RD-280 OR APPROVED EQUAL). DRAIN TO BE OFFSET FROM LEADER LOCATION (ABOVE AND BELOW) C/W 3" Ø PIPE CONNECTIONS TO 5"x4" LEADER.
- 05 5"x4" SHEET STEEL LEADER COLOUR MATCHED TO INSULATED METAL WALL PANEL. PROVIDE WATTS RD-980 "5"x4" DOWNSPOUT BOOT" CONNECTED TO 4" PVC DRAIN CAST INTO CONCRETE APRON. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- 06 CANOPY LIGHTING LOCATED PER SHEET 103. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 07 PROVIDE CONT. ANGLE CONNECTION FOR WINDOW ATTACHMENT. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. SEAL AVB TO WINDOW FRAME.
- 08 CANOPY FRAME TO CONCRETE CONNECTION AT A11. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL OTHER CONNECTIONS DIRECTLY TO PRE-ENG STRUCTURE.
- 09 EXCEPT AT GL 11, PRE-ENG AND GIRT FRAMING AND UPPER WALL CONNECTIONS TO BE LATERALLY ISOLATED FROM FLOOR AND MASONRY WALL STRUCTURE BELOW. PROVIDE SEALED ISOLATION JOINTS AT HORIZONTAL AND VERTICAL TRANSITIONS.
- 10 LAP WALL AVB WITH FLASHING AND SEALANT PRIOR TO INSTALLATION OF INSULATED METAL WALL PANELS (ABOVE).

- 11 EXTEND ROOF AVB UP, OVER, AND DOWN EXTERIOR FACE OF WALL PANELS. SEAL JOINT BETWEEN ROOF INSULATION AND WALL PANEL WITH ADDITIONAL STRIP OF SBS-MEMBRANE PRIOR TO INSTALLATION OF ROOFING AND TRIM.
- 12 EXTEND WALL AVB DOWN FACE OF CURB AND OVER HORIZONTAL CONCRETE TO MIN. 3/8" THICKNESS OF MASONRY VENEER (BELOW).
- 13 EXTEND WALL AVB 8" MIN. BELOW FFE ELEVATION.
- 14 INSTALL 10mm THICK ASPHALT IMPREGNATED FIBERBOARD AT SLAB EDGE. INSTALL CONT. BEAD OF SEALANT COMPATIBLE WITH, AND PRIOR TO, INSTALLATION OF ANY FINISHES.
- 15 EXTEND ROOF AVB UP AND OVER WALL STRUCTURE PRIOR TO INSTALLATION OF INSULATED METAL WALL PANELS (ABOVE). SEAL JOINT BETWEEN BOTTOM OF WALL PANEL AND TOP OF INSULATION WITH ADDITIONAL STRIP OF SBS-MEMBRANE PRIOR TO INSTALLATION OF FLASHING AND SEALANT.
- 16 PROVIDE SLIP TRACK FOR WALL CONNECTION TO PRE-ENG GIRT STRUCTURE. NOTE SLOTTED TRACK SHOULD NOT BE USED FOR SLOPED CONNECTIONS.
- 17 PROVIDE PRE-MANUFACTURED WEEP OPENINGS IN MASONRY VENEER AT TOP, BOTTOM, UNDER SILLS AT ABOVE STEEL LINTELS OF WALL.
- 18 PROVIDE TRANSITION ABOVE EXTERIOR GRADE LINE. PROVIDE CONT. 18 GAUGE PREFINISHED FLASHING OVER TOP OF SUB-GRADE INSULATION.
- 19 PROVIDE TRANSITION AT 10'-8". PROVIDE 4" NOTCH IN CONCRETE TO ENSURE ALIGNMENT BETWEEN EXTERIOR FACE BETWEEN FIRE RATED AND NON-FIRE RATED CLADDING PANELS AND FOR THERMAL BREAK AT DOOR OPENING. PROVIDE CONT. 18 GAUGE PREFINISHED FLASHING AT TRANSITION.
- 20 COMPLETELY FILL VOIDS W/ MINERAL WOOL INSULATION. SEAL ALL GAPS BETWEEN GWB AND STEEL DECK W/ 3M FIRE RATED CAULKING.
- 21 PROVIDE 1" XPS INSULATION ACROSS DOOR THRESHOLD WITH 1" SEALANT TO FFE.
- 22 PROVIDE BARRIER FREE (1/2" HIGH) ALUMINUM DOOR THRESHOLD FOR FULL WIDTH OF DOOR FRAME AND SUFFICIENT WIDTH TO COVER INSULATION.

- 23 PROVIDE CONCRETE SILL AT EXTERIOR OF DOOR. SILL TO TRANSITION TO ASPHALT PAVING (REFER TO CIVIL DRAWINGS). NOTE CONCRETE SHALL BE RATED FOR EXTERIOR EXPOSURE PER STRUCTURAL DRAWINGS.
- 24 INSTALL SOG SEPARATE AND ISOLATED FROM CONCRETE FOR TRENCH DRAINS. CONFIRM/COORDINATE WITH MECHANICAL DRAWINGS AND DRAIN MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE MIN. 8" CAST-IN-PLACE CONCRETE ON ALL SIDES AND BELOW TRENCH DRAINS U.N.O. TOP SURFACE OF CONCRETE TO BE INSTALLED 2.0% SLOPE TO DRAIN.
- 25 INSTALL 1" MIN. GAP (OR AS OTHERWISE REQUIRED) BETWEEN TOP OF MASONRY AND U/S OF HCS. FILL GAP WITH MINERAL WOOL AND SEALANT TO U/S OF HCS FOR LATERAL SUPPORT OF WALL. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 INSTALL STEEL CHANNEL FOR TOILET PARTITION SUPPORT (ALL PARTITIONS TOP HUNG OR WALL SUPPORTED ONLY). REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 27 INSTALL GWB CEILING OVER TOILET AND SHOWER STALLS (T-BAR CEILING ELSEWHERE). INSTALL STEEL STUD SUPPORTS AS REQUIRED.
- 28 INSTALL CONT. STEEL ANGLES AT ALL OPEN EDGES (NO WALL ABOVE) OF HCS FLOOR. PROVIDE WELDED CONNECTIONS FOR RAILING INSTALLATION ABOVE. DETAIL FOR STAIR/LANDING CONNECTIONS AS REQUIRED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 29 3'-6" HIGH STEEL GUARD RAILS. OPENINGS IN GUARDS FOR INDUSTRIAL OCCUPANCY SHALL NOT EXCEED 200mm. OPENINGS IN ALL OTHER GUARDS SHALL NOT EXCEED 100mm, INCLUDING ALL EXTERIOR AREAS. TOE-BOARDS SHALL BE PROVIDED WHERE TOOLS OR OTHER OBJECTS COULD FALL FROM THE FLOOR AREA TO A LEVEL BELOW.
- 30 EXCEPT AS INDICATED FOR KEY NOTE 28, EXPOSED EDGES OF FLOOR SHALL BE CAST-IN-PLACE WITH A SMOOTH FORMED SURFACE WITH AN INTEGRAL 3/8" HIGH CURB (TO FFE+11'-0") WHERE WALLS ARE INSTALLED ABOVE.
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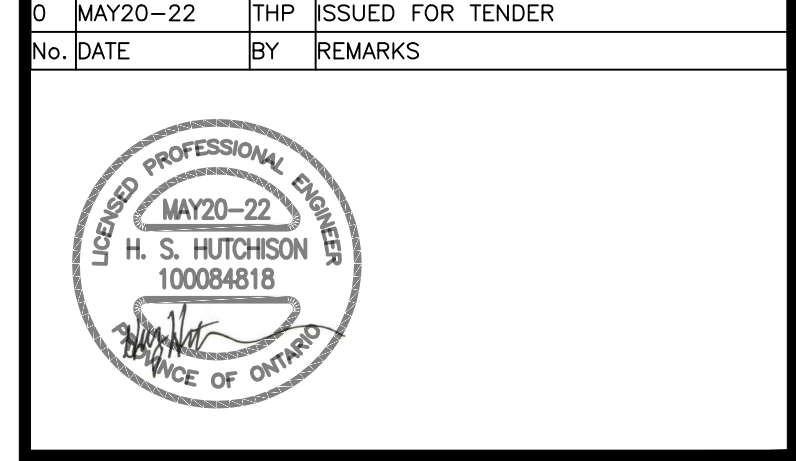
- 32 DROP OR SLOPE CONCRETE AT SHOWER LOCATIONS FOR INSTALLATION OF FINISHED FLOORING SYSTEM (FC-4 PER SCHEDULE 04 ON SHEET 501). COORDINATE WITH FLOORING INSTALLER TO PROVIDE 1/2" HIGH CURB AT OUTER EDGE OF SHOWER STALL.
- 33 REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON SLAB CONSTRUCTION AT TRANSITIONS, ETC.
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No.	DATE	BY	REMARKS
0	MAY20-22	THP	ISSUED FOR TENDER



PROJECT:
**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

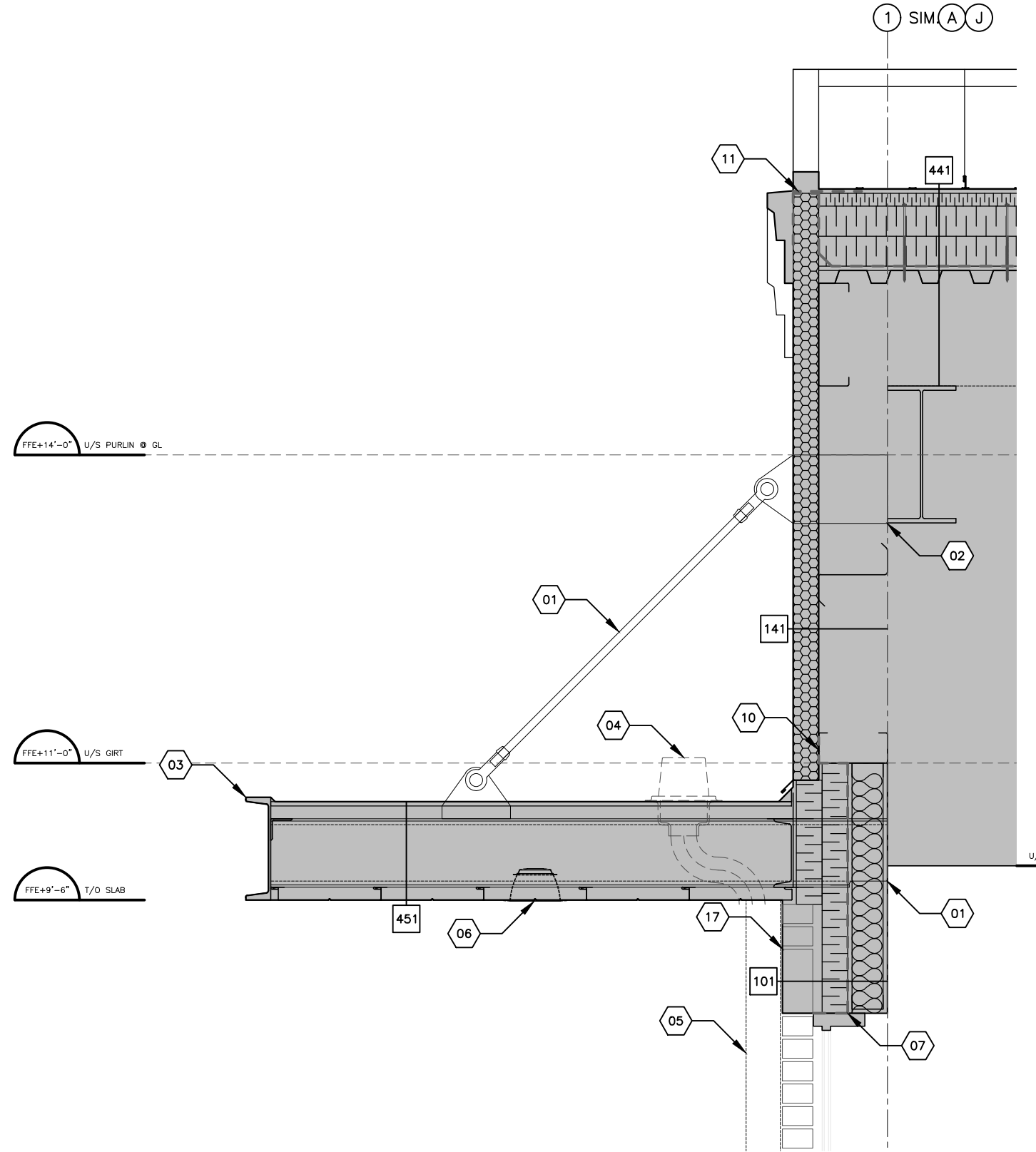
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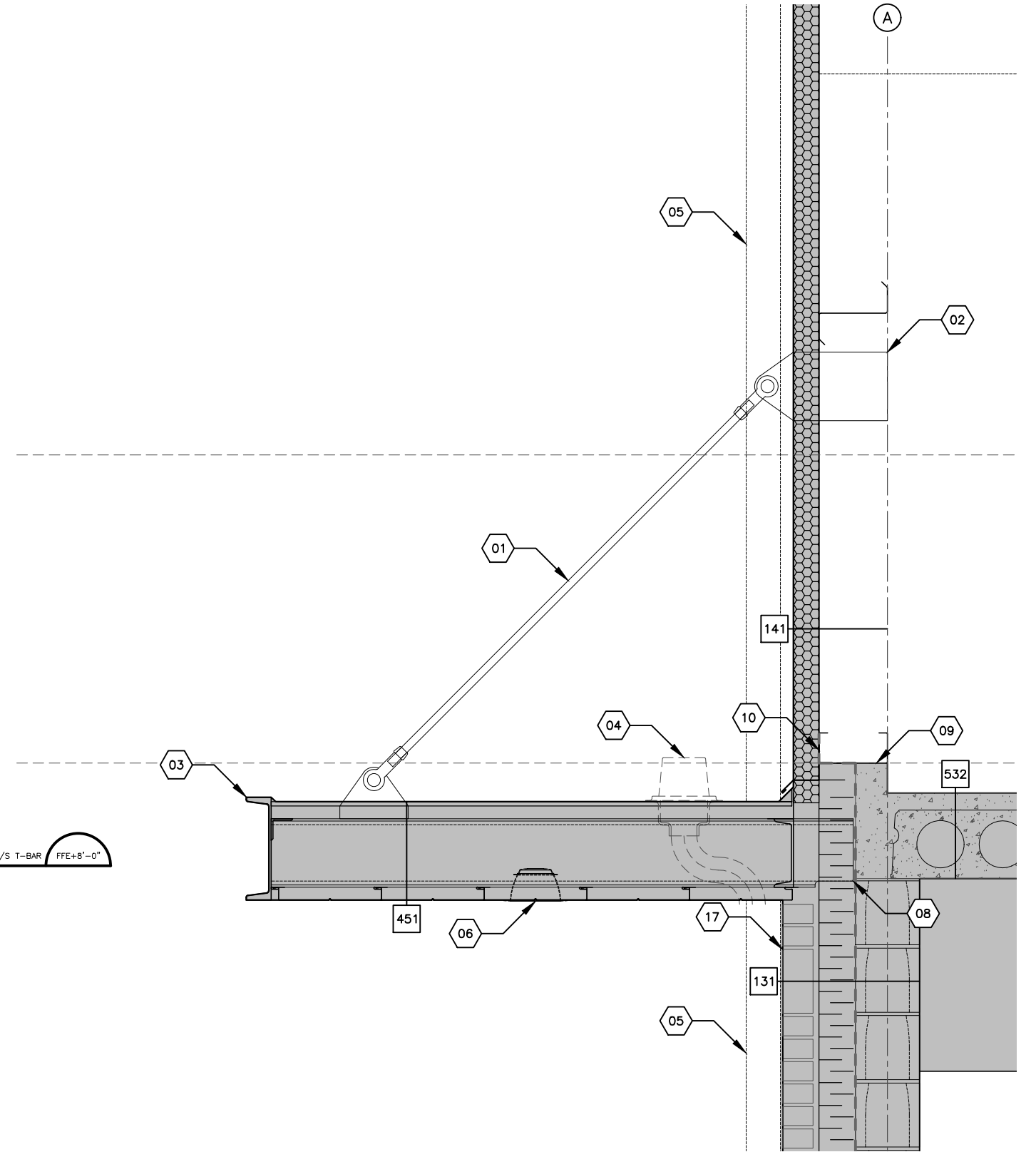
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 APPROVED BY: THP
 DATE: SEP-21

PROJECT: 164.21.005
 PLOT DATE: MAY20-22

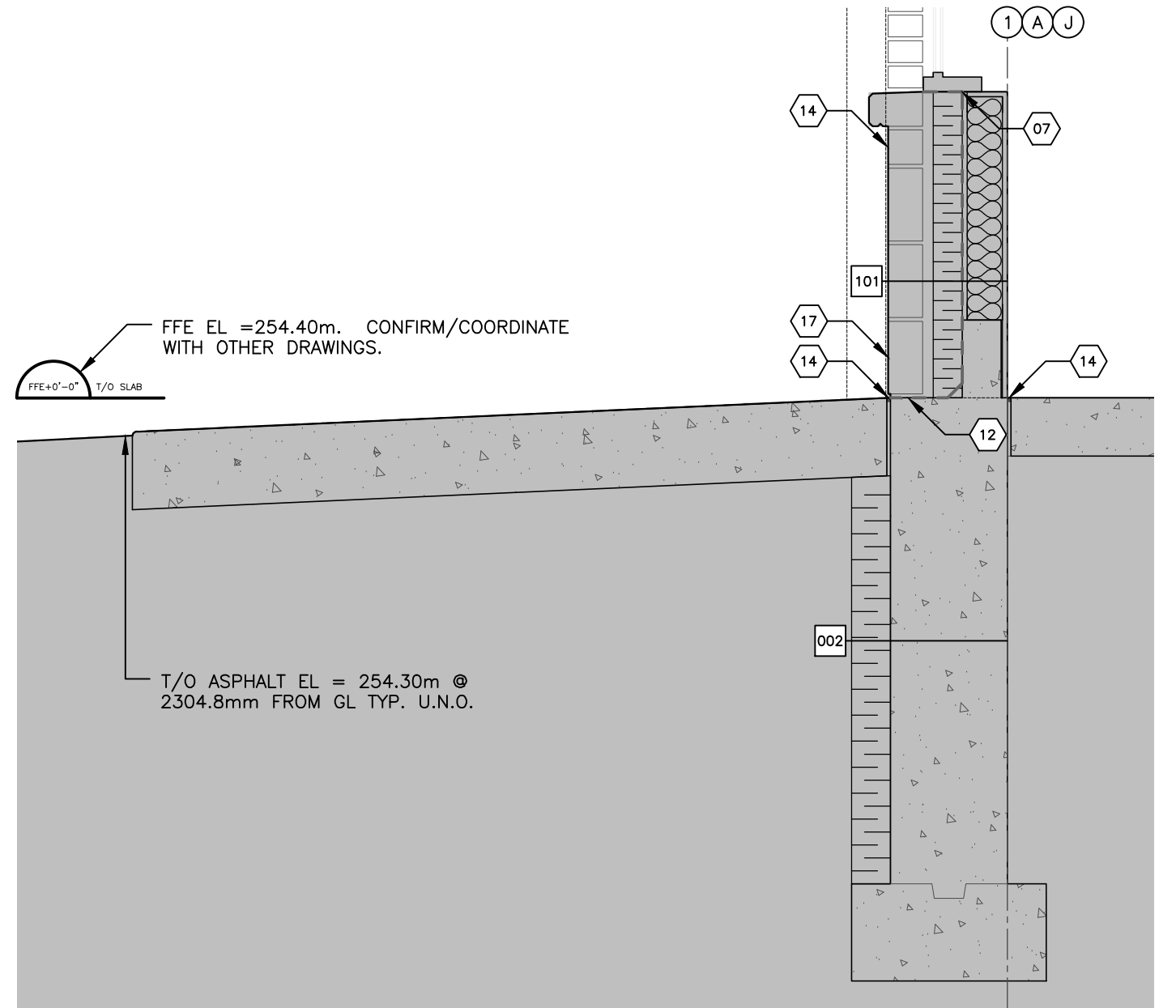
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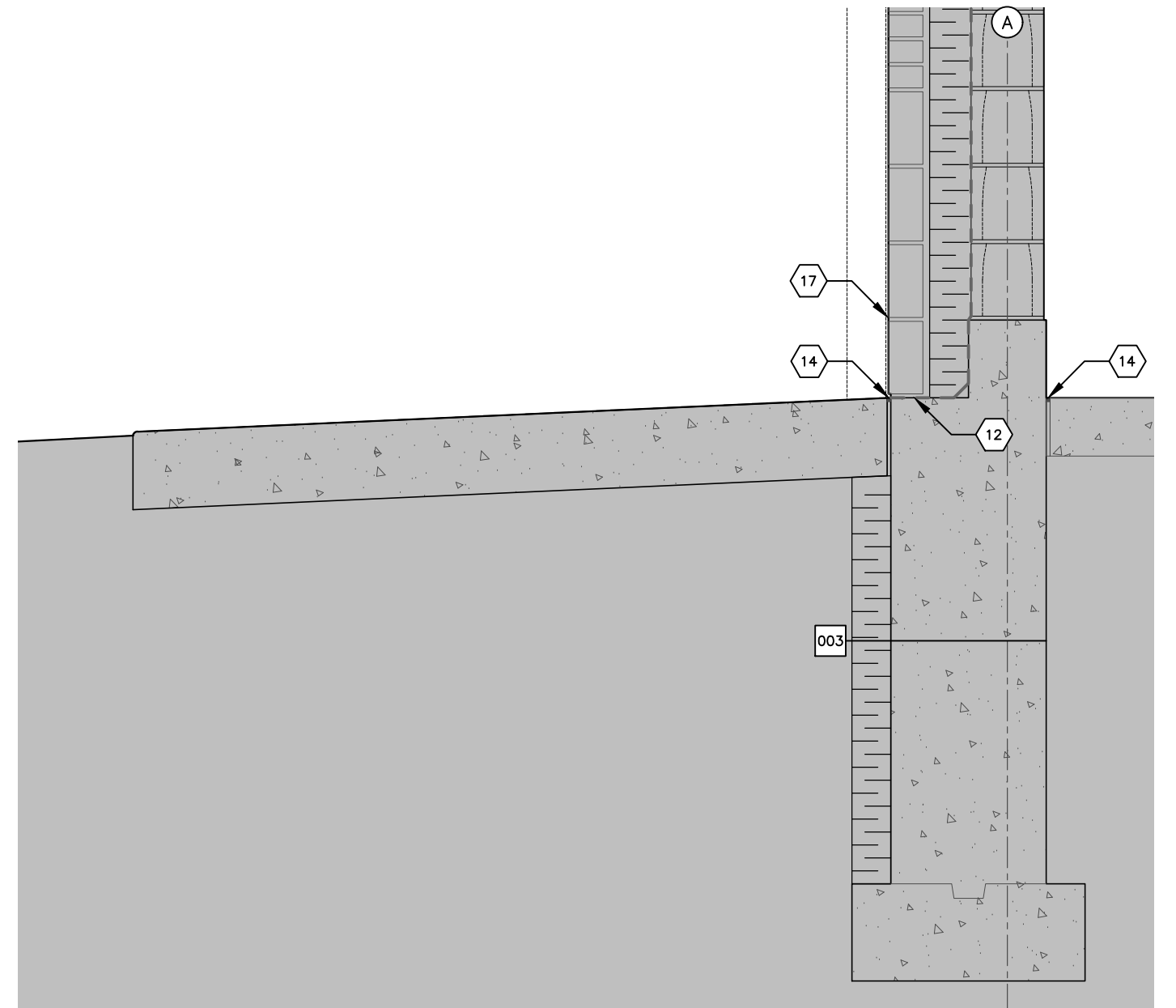
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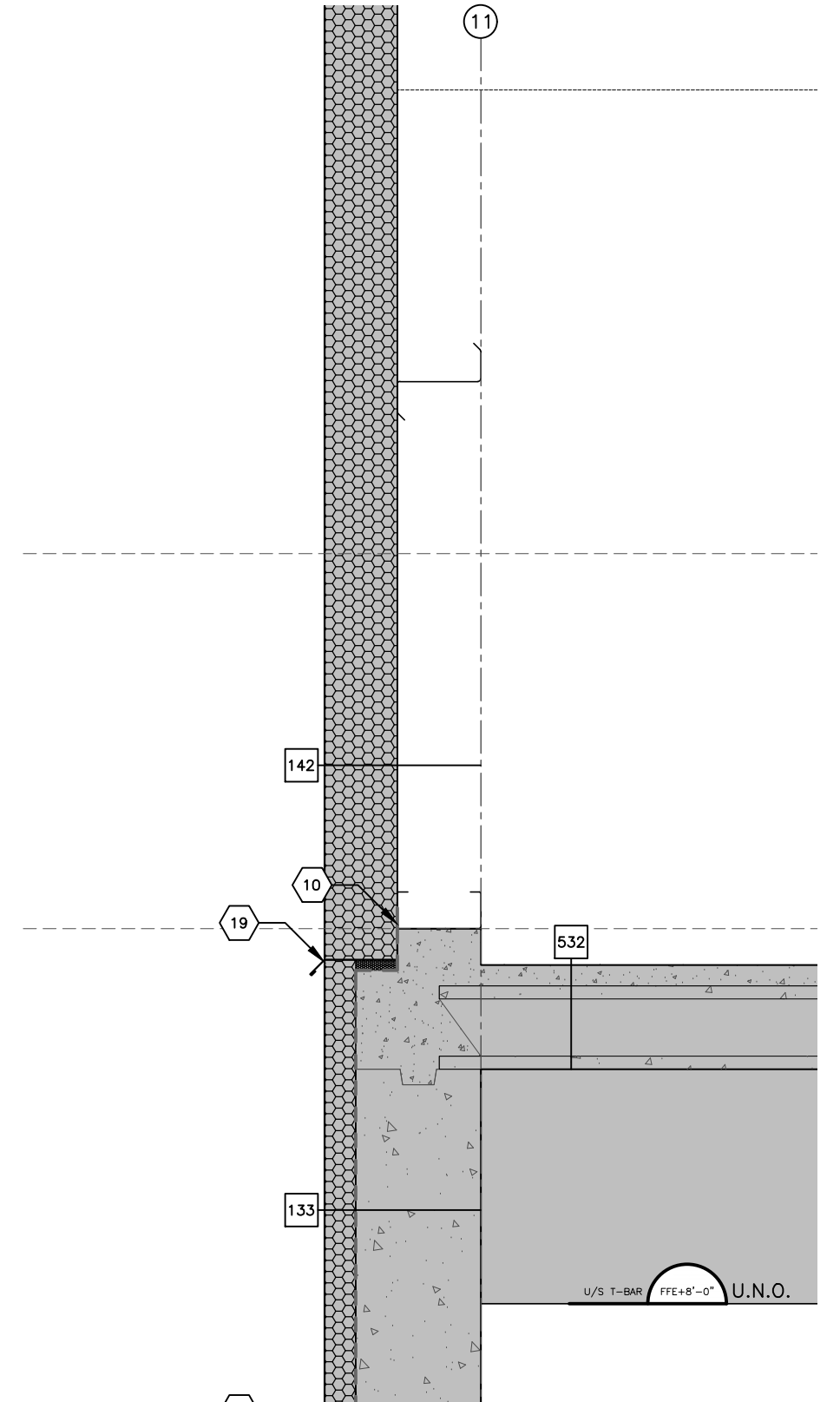
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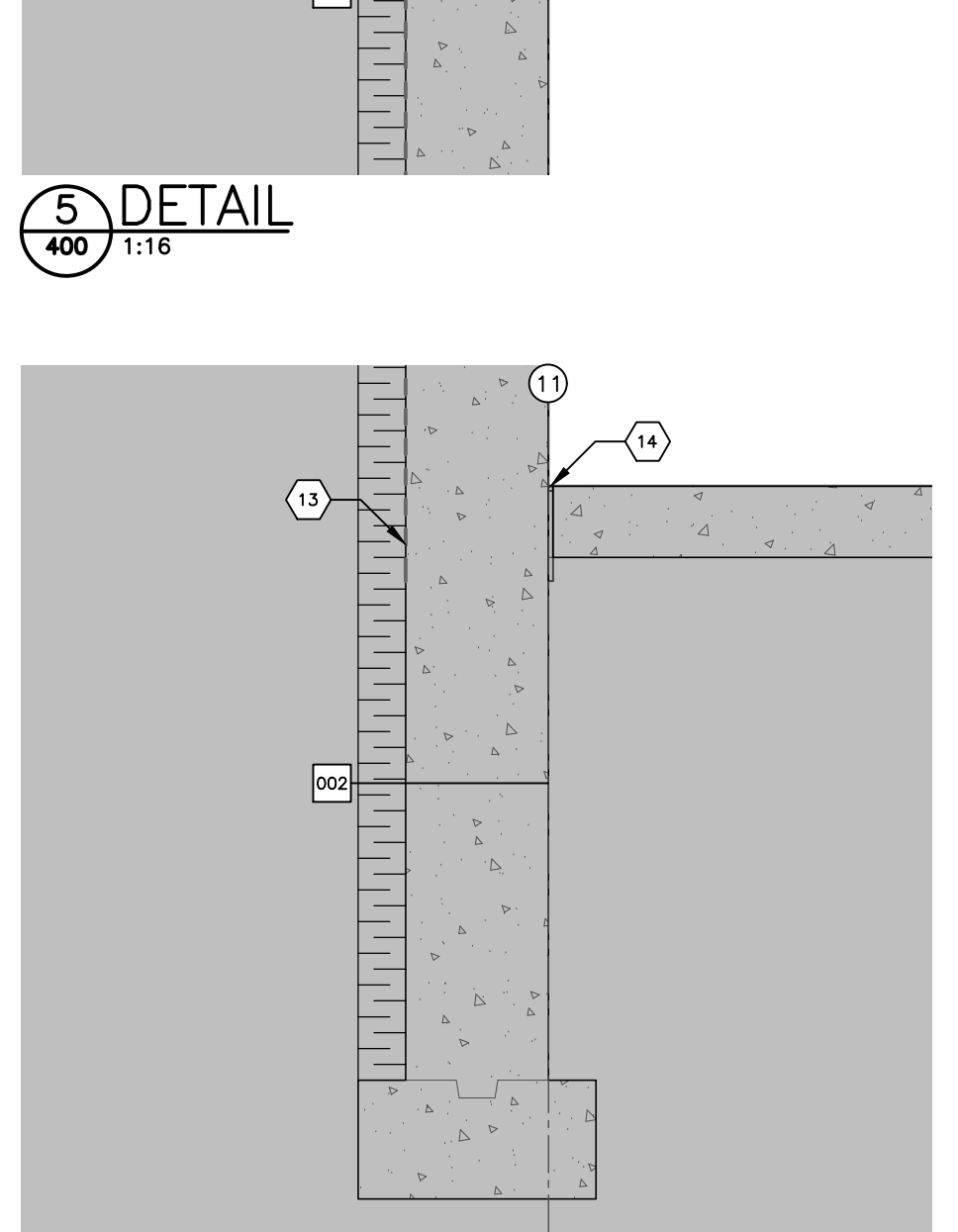
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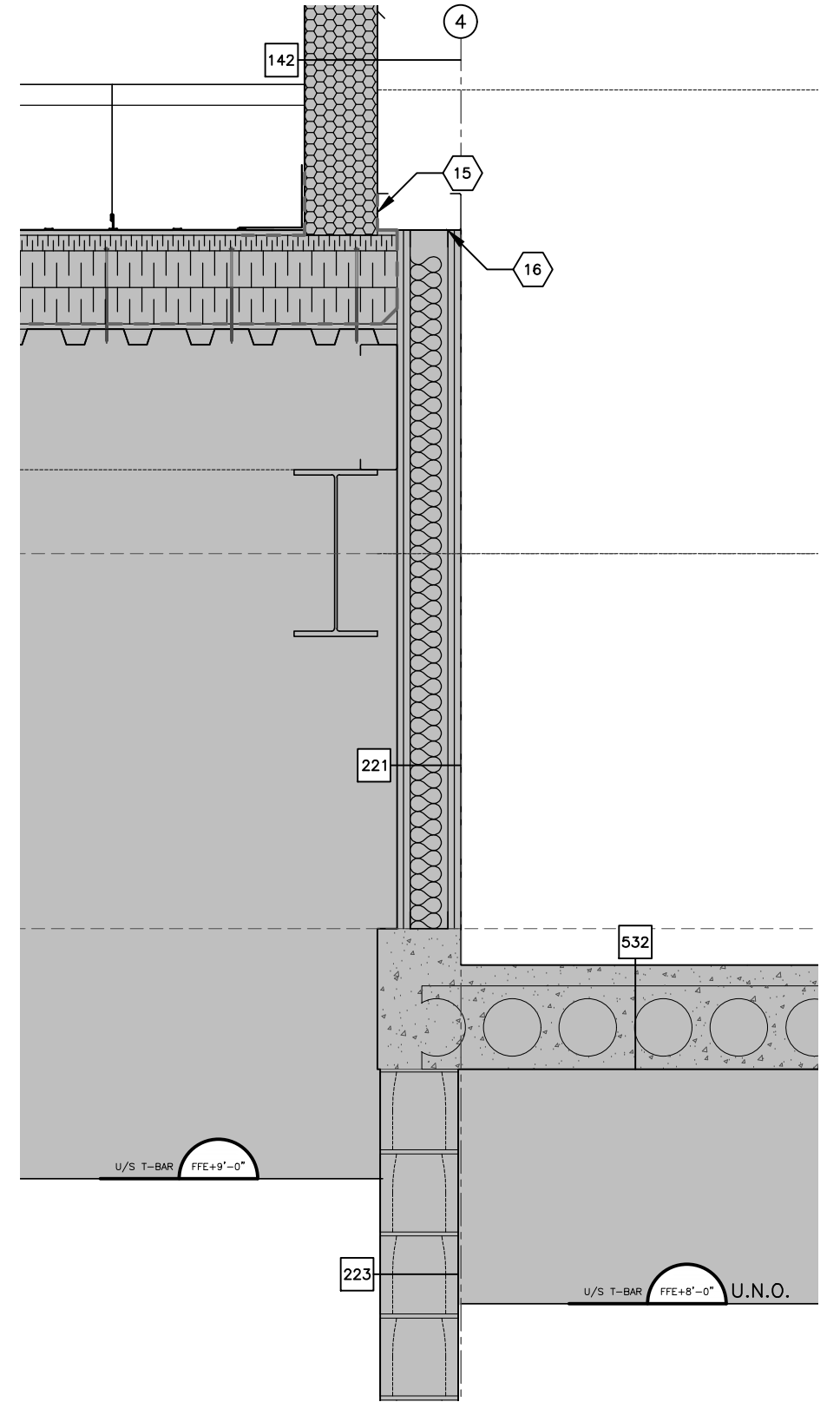
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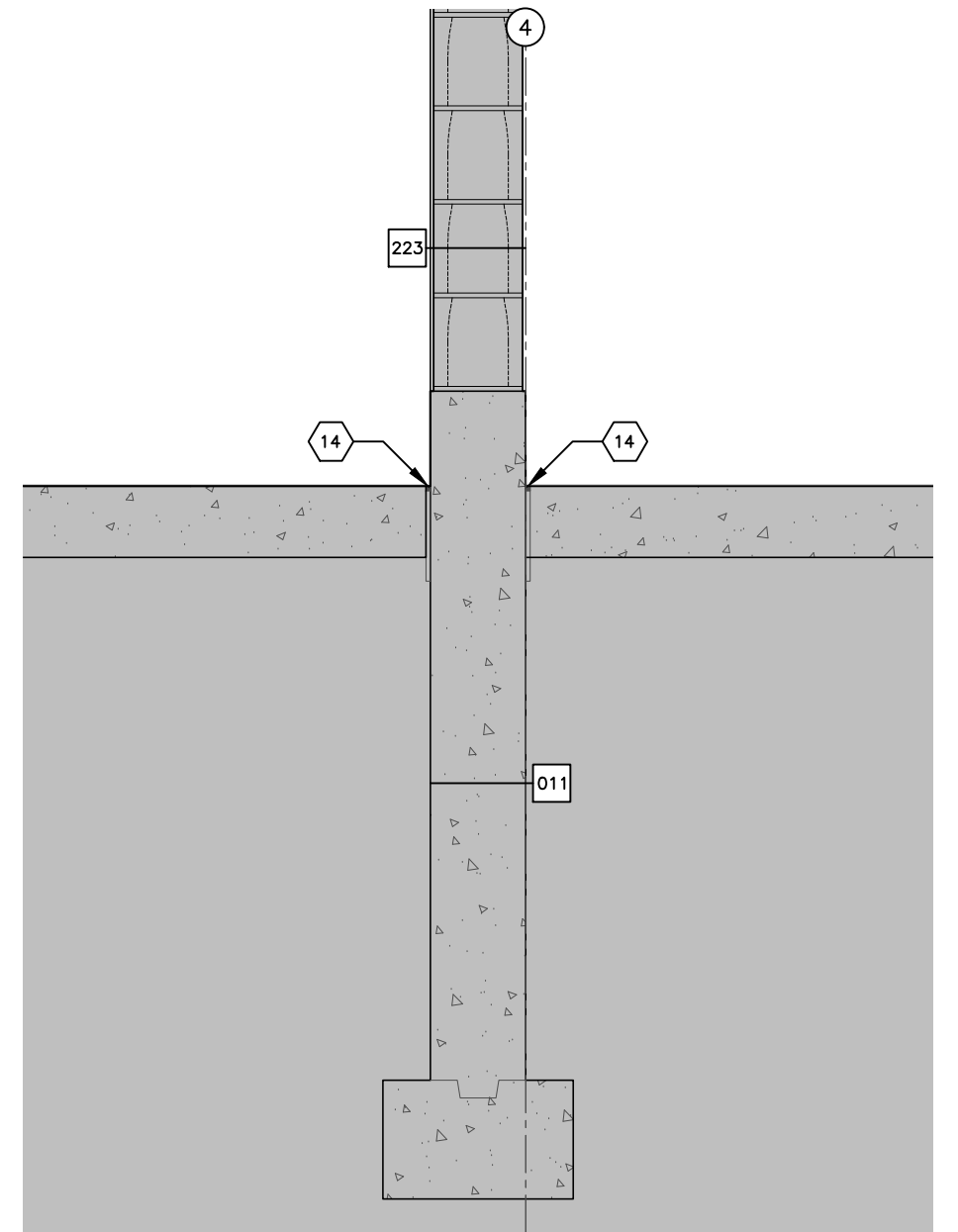
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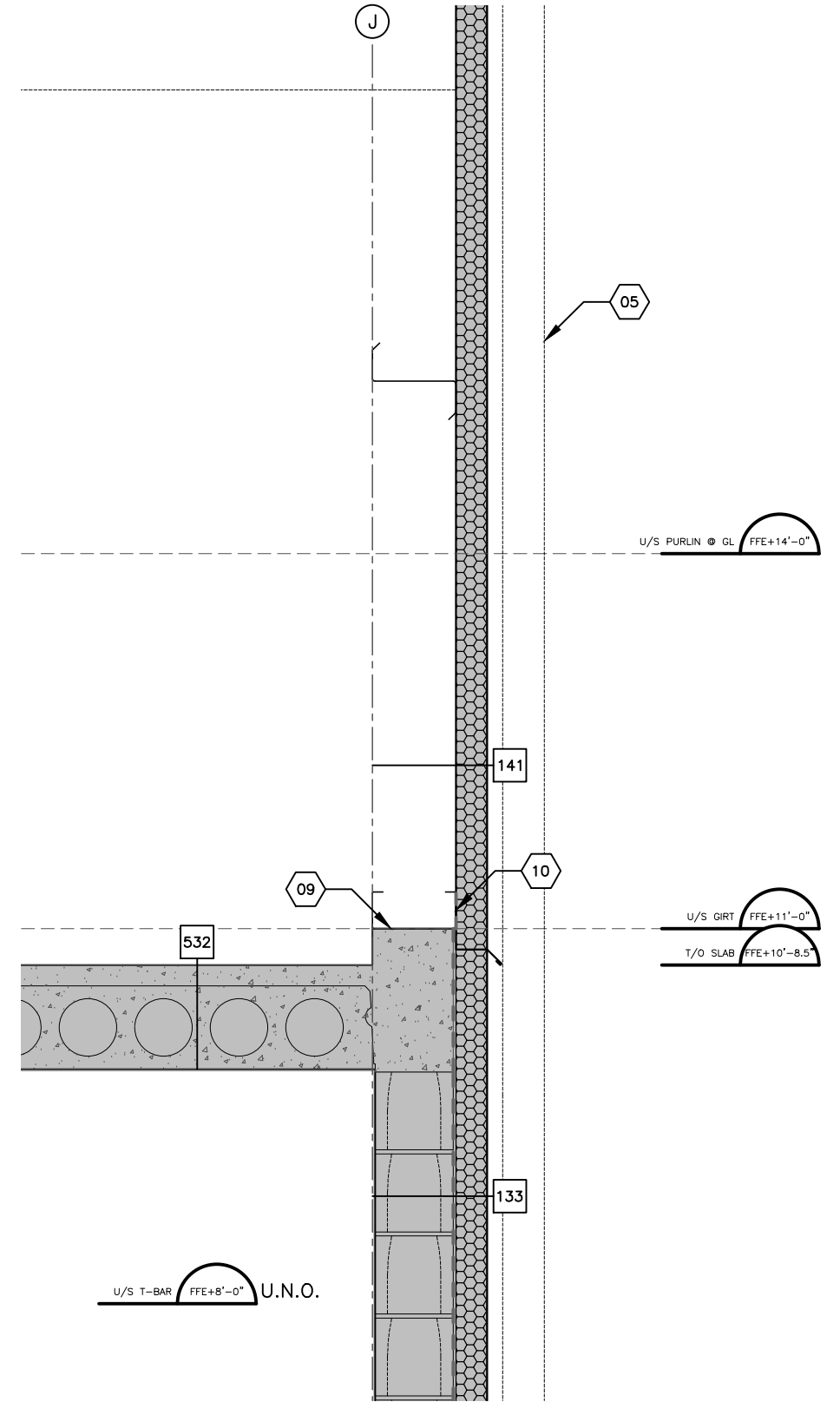
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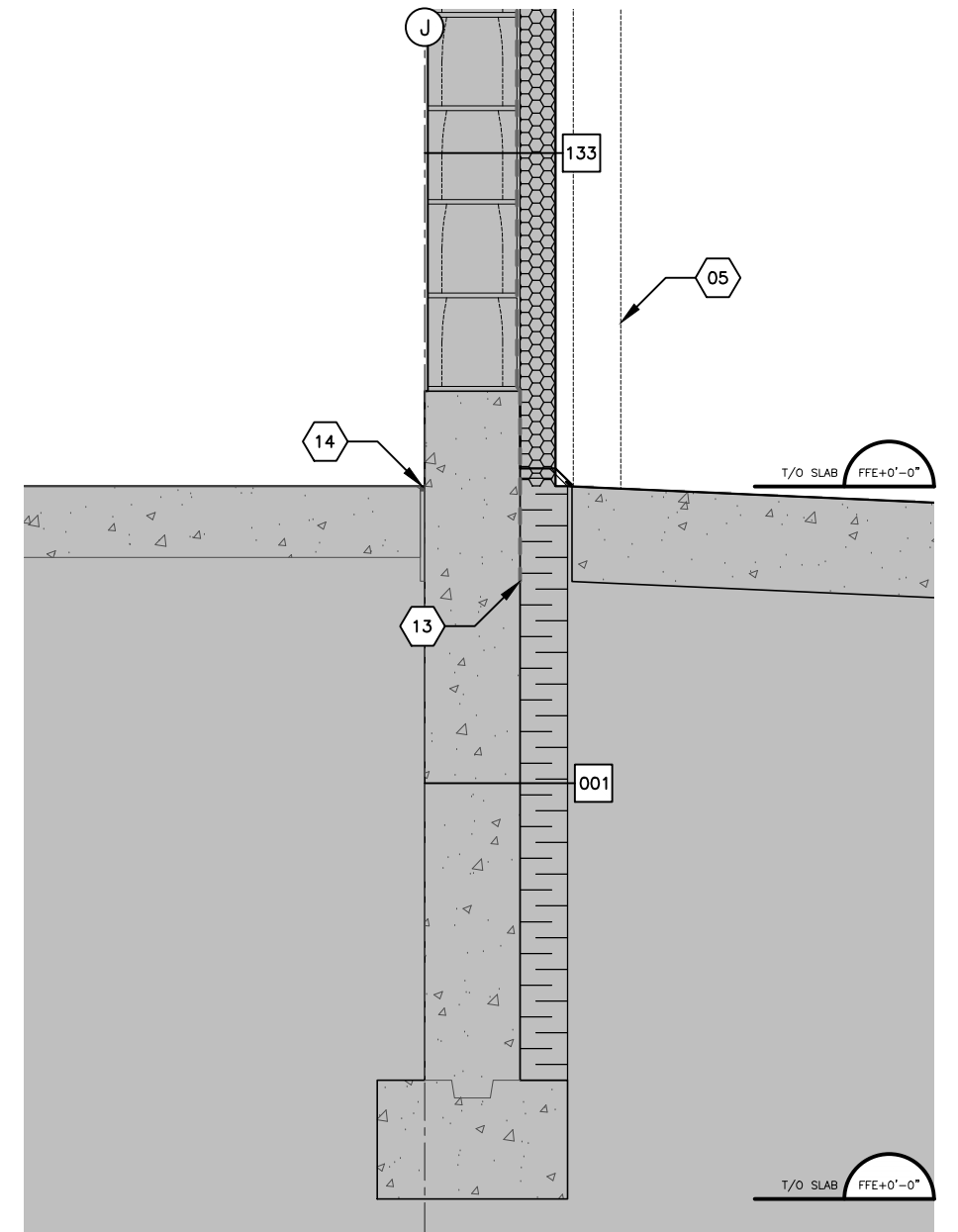
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NOTE: REFER TO SHEET 000, 101, AND, 102 FOR TYPE AND LOCATION AND FOR FIRE SEPARATIONS AND RELATED FIRE RESISTANCE RATINGS.

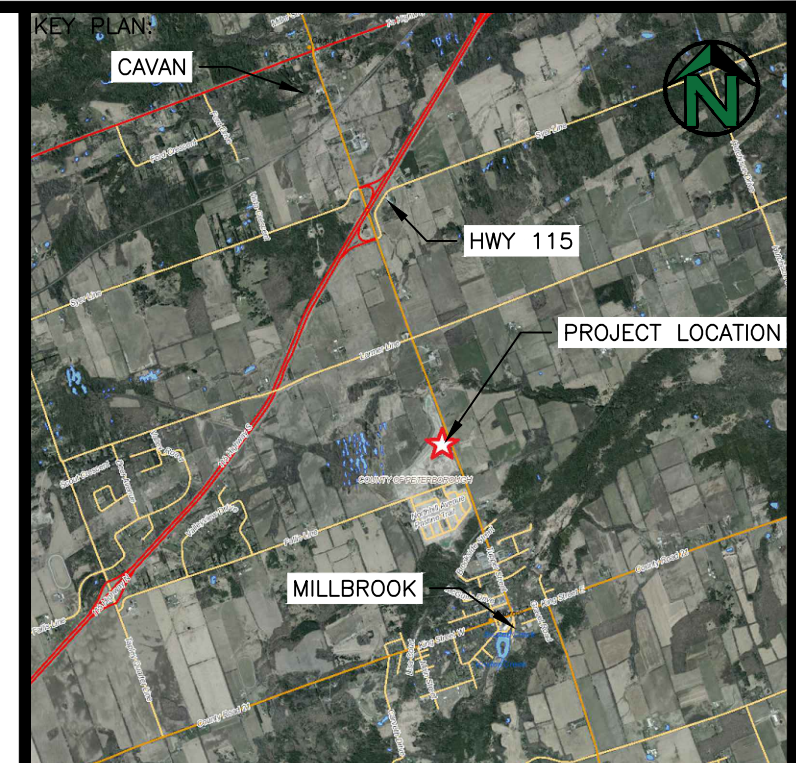
KEY NOTES SHEET 400 AND 401

- 01 45° HOT-DIP-GALVANIZED CLEVIS AND THE ROD SUPPORT TIED BACK TO PRE-ENG STRUCTURE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 02 CANOPY BEAM TIED BACK TO PRE-ENG STRUCTURE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 03 ALL CANOPY STEEL TO BE FACTORY PRIMED WITH TOUCH-UP IN THE FIELD. FINISH TO SP-2 PER SCHEDULE 04 ON SHEET 501.
- 04 FLANGED ROOF DRAIN WITH SLASHING CLAMP (WATTS RD-280 OR APPROVED EQUAL). DRAIN TO BE OFFSET FROM LEADER LOCATION (ABOVE AND BELOW) C/W 3" Ø PIPE CONNECTIONS TO 5"x4" LEADER.
- 05 5"x4" SHEET STEEL LEADER COLOUR MATCHED TO INSULATED METAL WALL PANEL. PROVIDE WATTS RD-980 "5"x4" DOWNSPOUT BOOT" CONNECTED TO 4" PVC DRAIN CAST INTO CONCRETE APRON. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- 06 CANOPY LIGHTING LOCATED PER SHEET 103. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 07 PROVIDE CONT. ANGLE CONNECTION FOR WINDOW ATTACHMENT. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. SEAL AVB TO WINDOW FRAME.
- 08 CANOPY FRAME TO CONCRETE CONNECTION AT A11. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL OTHER CONNECTIONS DIRECTLY TO PRE-ENG STRUCTURE.
- 09 EXCEPT AT GL 11, PRE-ENG AND GIRT FRAMING AND UPPER WALL CONNECTIONS TO BE LATERALLY ISOLATED FROM FLOOR AND MASONRY WALL STRUCTURE BELOW. PROVIDE SEALED ISOLATION JOINTS AT HORIZONTAL AND VERTICAL TRANSITIONS.
- 10 LAP WALL AVB WITH FLASHING AND SEALANT PRIOR TO INSTALLATION OF INSULATED METAL WALL PANELS (ABOVE).

- 11 EXTEND ROOF AVB UP, OVER, AND DOWN EXTERIOR FACE OF WALL PANELS. SEAL JOINT BETWEEN ROOF INSULATION AND WALL PANEL WITH ADDITIONAL STRIP OF SBS-MEMBRANE PRIOR TO INSTALLATION OF ROOFING AND TRIM.
- 12 EXTEND WALL AVB DOWN FACE OF CURB AND OVER HORIZONTAL CONCRETE TO MIN. 3/8" THICKNESS OF MASONRY VENEER (BELOW).
- 13 EXTEND WALL AVB 8" MIN. BELOW FFE ELEVATION.
- 14 INSTALL 10mm THICK ASPHALT IMPREGNATED FIBERBOARD AT SLAB EDGE. INSTALL CONT. BEAD OF SEALANT COMPATIBLE WITH, AND PRIOR TO, INSTALLATION OF ANY FINISHES.
- 15 EXTEND ROOF AVB UP AND OVER WALL STRUCTURE PRIOR TO INSTALLATION OF INSULATED METAL WALL PANELS (ABOVE). SEAL JOINT BETWEEN BOTTOM OF WALL PANEL AND TOP OF INSULATION WITH ADDITIONAL STRIP OF SBS-MEMBRANE PRIOR TO INSTALLATION OF FLASHING AND SEALANT.
- 16 PROVIDE SLIP TRACK FOR WALL CONNECTION TO PRE-ENG GIRT STRUCTURE. NOTE SLOTTED TRACK SHOULD NOT BE USED FOR SLOPED CONNECTIONS.
- 17 PROVIDE PRE-MANUFACTURED WEEP OPENINGS IN MASONRY VENEER AT TOP, BOTTOM, UNDER SILLS AT ABOVE STEEL LINTELS OF WALL.
- 18 PROVIDE TRANSITION ABOVE EXTERIOR GRADE LINE. PROVIDE CONT. 18 GAUGE PREFINISHED FLASHING OVER TOP OF SUB-GRADE INSULATION.
- 19 PROVIDE TRANSITION AT 10'-8". PROVIDE 4" NOTCH IN CONCRETE TO ENSURE ALIGNMENT BETWEEN EXTERIOR FACE BETWEEN FIRE RATED AND NON-FIRE RATED CLADDING PANELS AND FOR THERMAL BREAK AT DOOR OPENING. PROVIDE CONT. 18 GAUGE PREFINISHED FLASHING AT TRANSITION.
- 20 COMPLETELY FILL VOIDS W/ MINERAL WOOL INSULATION. SEAL ALL GAPS BETWEEN GWB AND STEEL DECK W/ 3M FIRE RATED CAULKING.
- 21 PROVIDE 1" XPS INSULATION ACROSS DOOR THRESHOLD WITH 1" SEALANT TO FFE.
- 22 PROVIDE BARRIER FREE (1/2" HIGH) ALUMINUM DOOR THRESHOLD FOR FULL WIDTH OF DOOR FRAME AND SUFFICIENT WIDTH TO COVER INSULATION.

- 23 PROVIDE CONCRETE SILL AT EXTERIOR OF DOOR. SILL TO TRANSITION TO ASPHALT PAVING (REFER TO CIVIL DRAWINGS). NOTE CONCRETE SHALL BE RATED FOR EXTERIOR EXPOSURE PER STRUCTURAL DRAWINGS.
- 24 INSTALL SOG SEPARATE AND ISOLATED FROM CONCRETE FOR TRENCH DRAINS. CONFIRM/COORDINATE WITH MECHANICAL DRAWINGS AND DRAIN MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE MIN. 8" CAST-IN-PLACE CONCRETE ON ALL SIDES AND BELOW TRENCH DRAINS U.N.O. TOP SURFACE OF CONCRETE TO BE INSTALLED 2.0% SLOPE TO DRAIN.
- 25 INSTALL 1" MIN. GAP (OR AS OTHERWISE REQUIRED) BETWEEN TOP OF MASONRY AND U/S OF HCS. FILL GAP WITH MINERAL WOOL AND SEALANT TO FACE OF WALL. PROVIDE CLIP ANGLES FASTENED TO U/S OF HCS FOR LATERAL SUPPORT OF WALL. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 INSTALL STEEL CHANNEL FOR TOILET PARTITION SUPPORT (ALL PARTITIONS TOP HUNG OR WALL SUPPORTED ONLY). REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 27 INSTALL GWB CEILING OVER TOILET AND SHOWER STALLS (T-BAR CEILING ELSEWHERE). INSTALL STEEL STUD SUPPORTS AS REQUIRED.
- 28 INSTALL CONT. STEEL ANGLES AT ALL OPEN EDGES (NO WALL ABOVE) OF HCS FLOOR. PROVIDE WELDED CONNECTIONS FOR RAILING INSTALLATION ABOVE. DETAIL FOR STAIR/LANDING CONNECTIONS AS REQUIRED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
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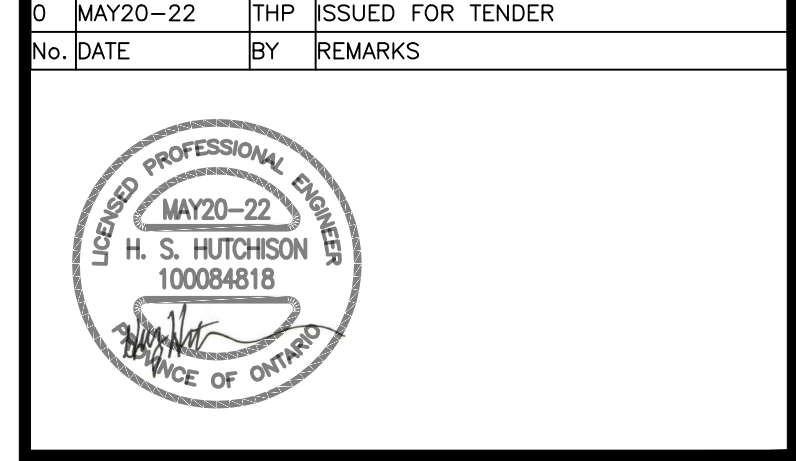
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No.	DATE	BY	REMARKS
0	MAY20-22	THP	ISSUED FOR TENDER



PROJECT:
**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

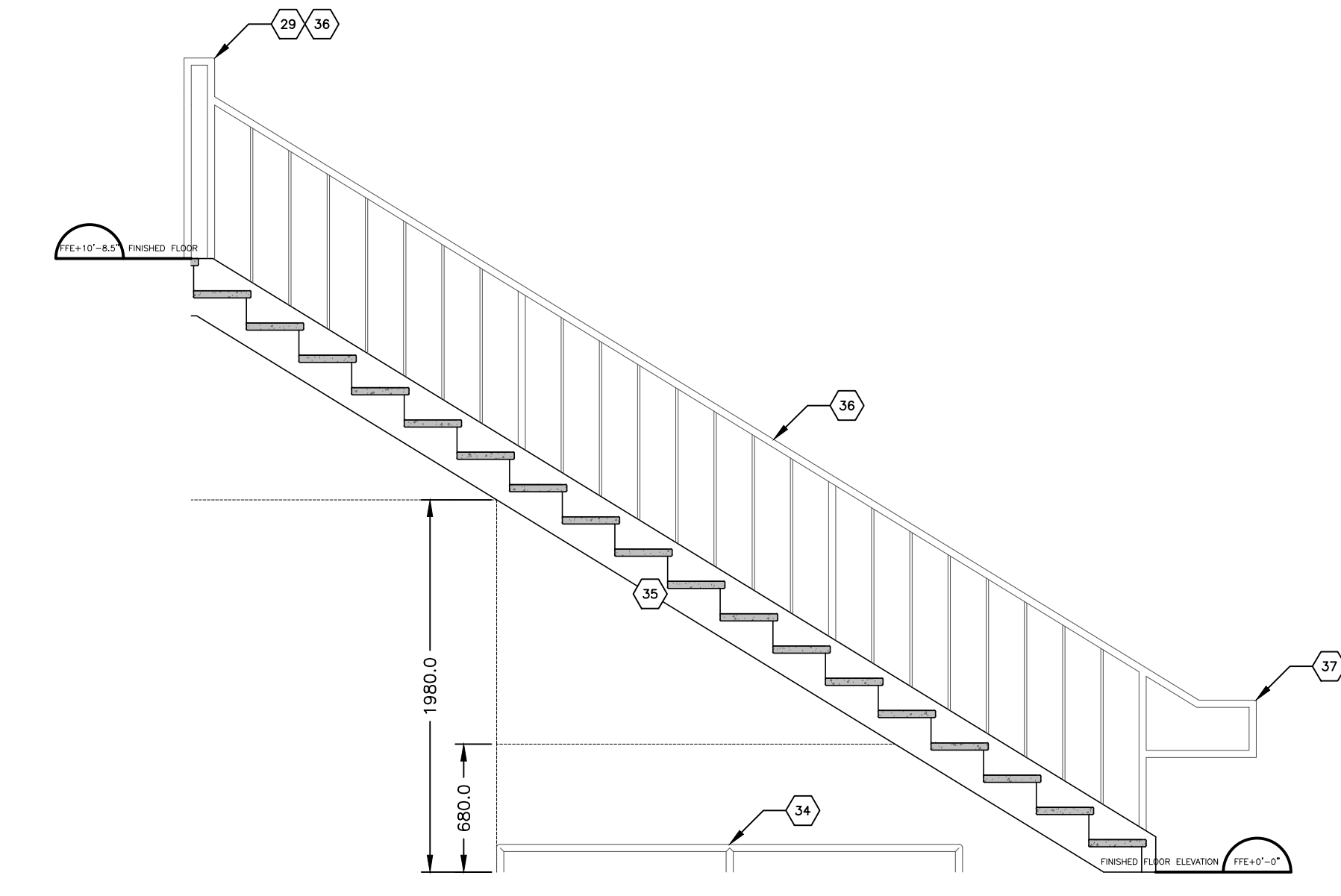
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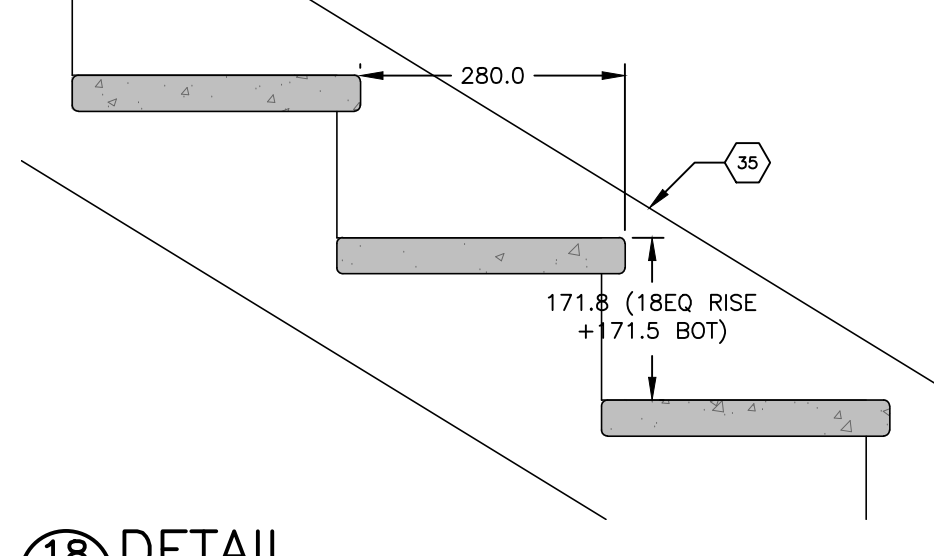
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 DATE: SEP-21

PROJECT: 164.21.005
 PLOT DATE: MAY20-22

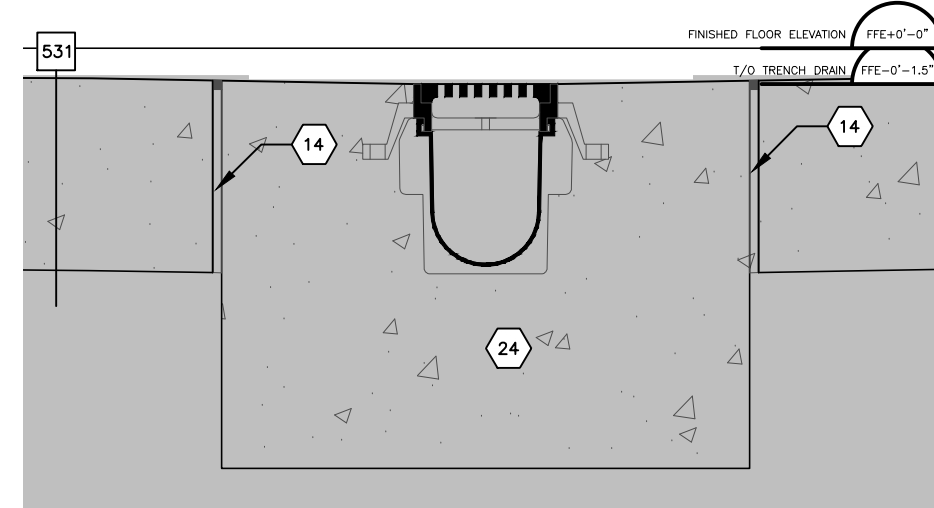
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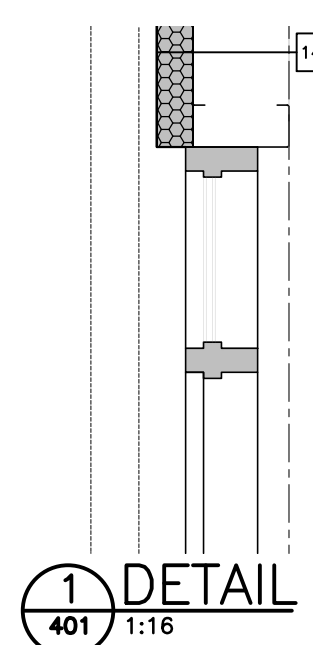
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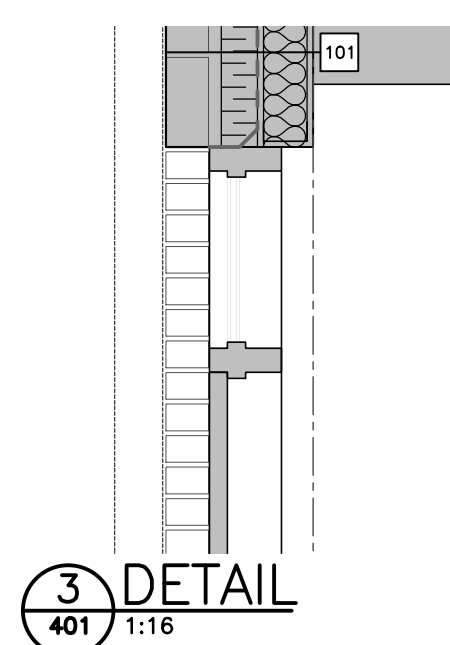
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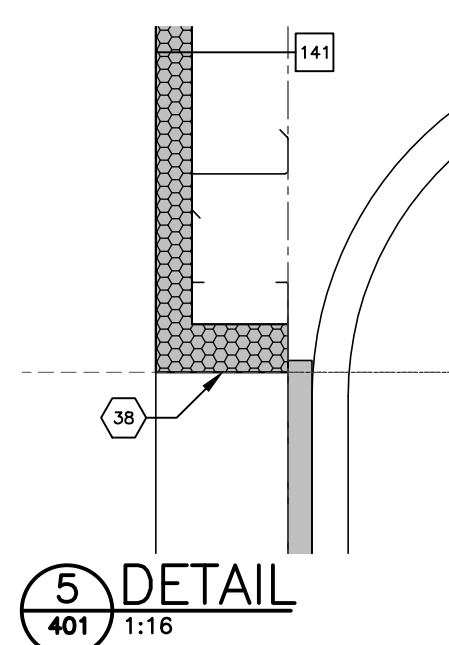
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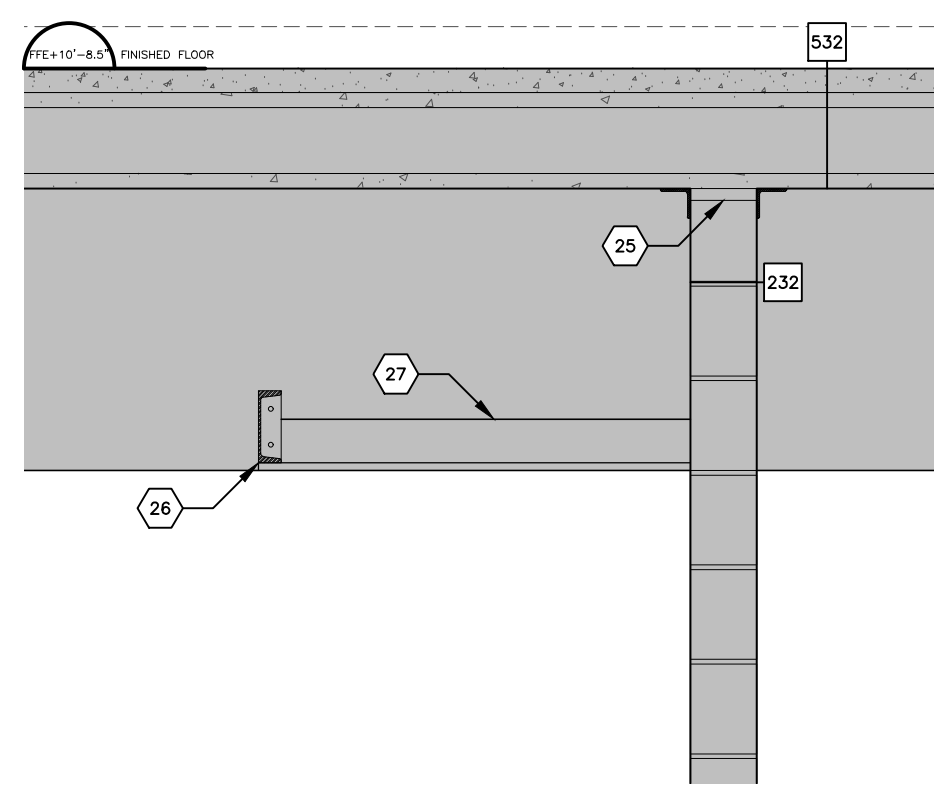
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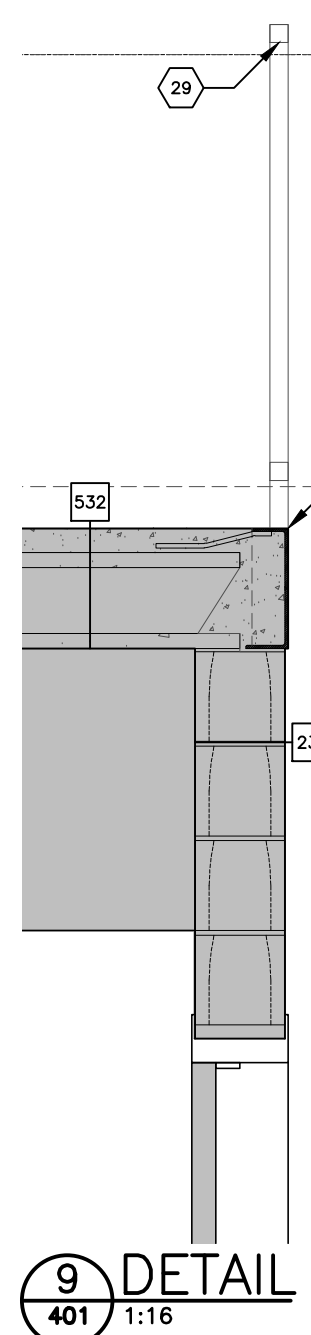
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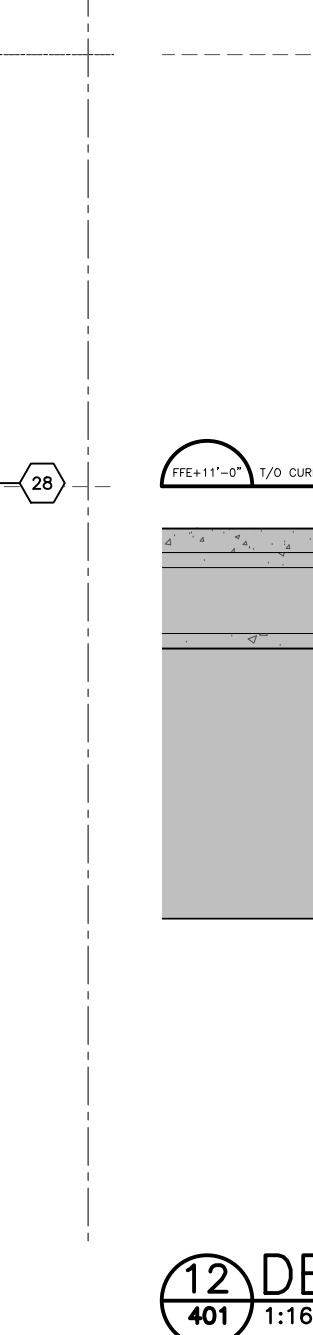
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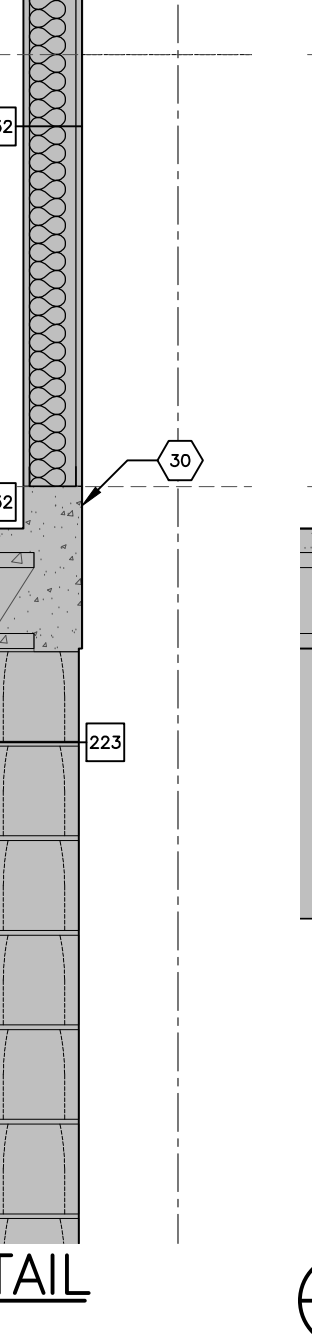
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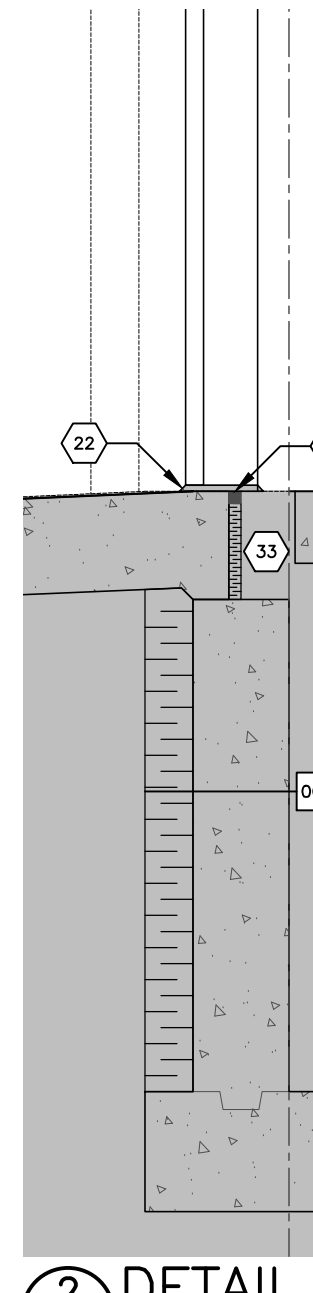
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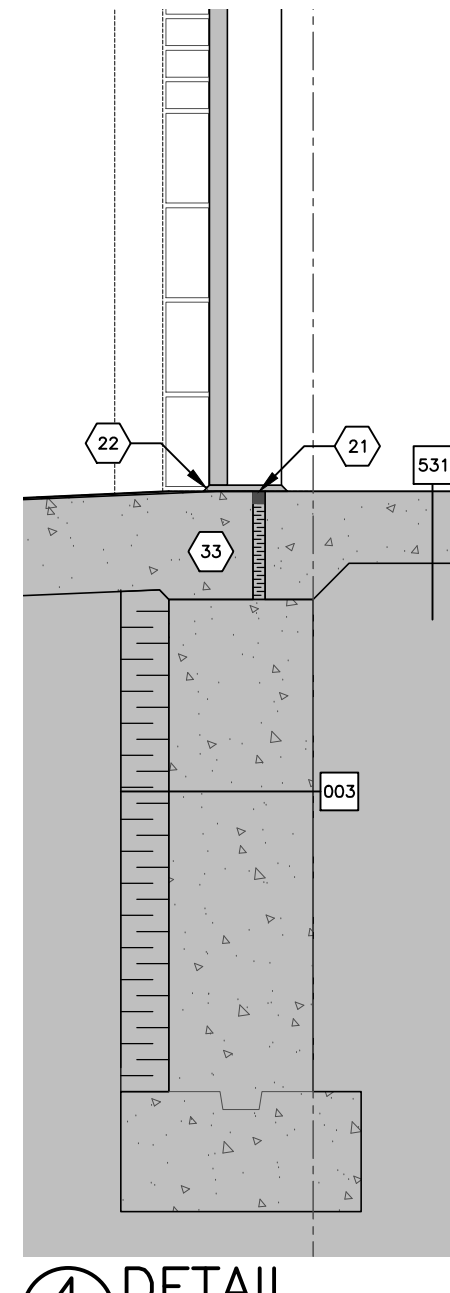
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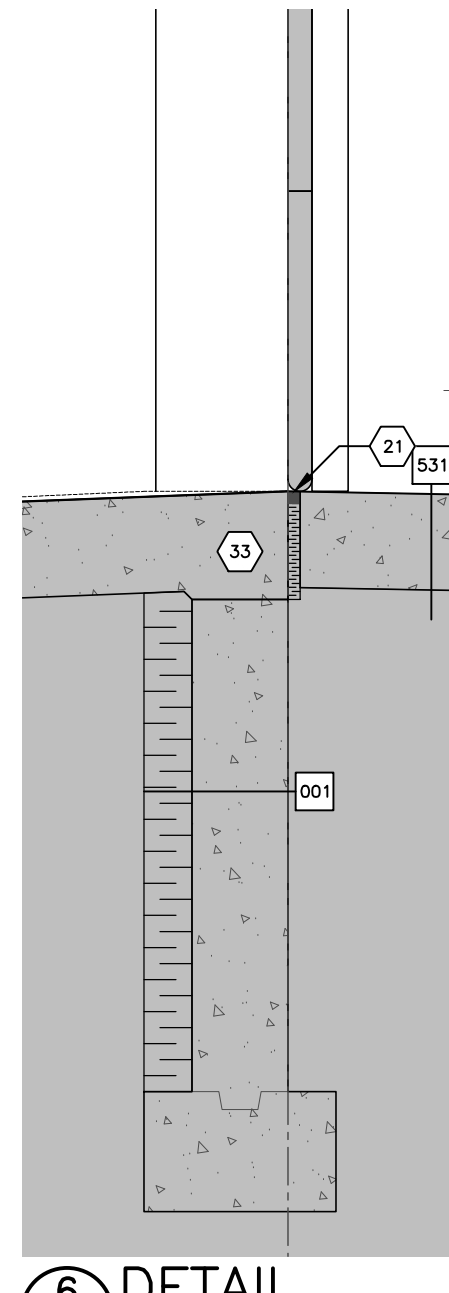
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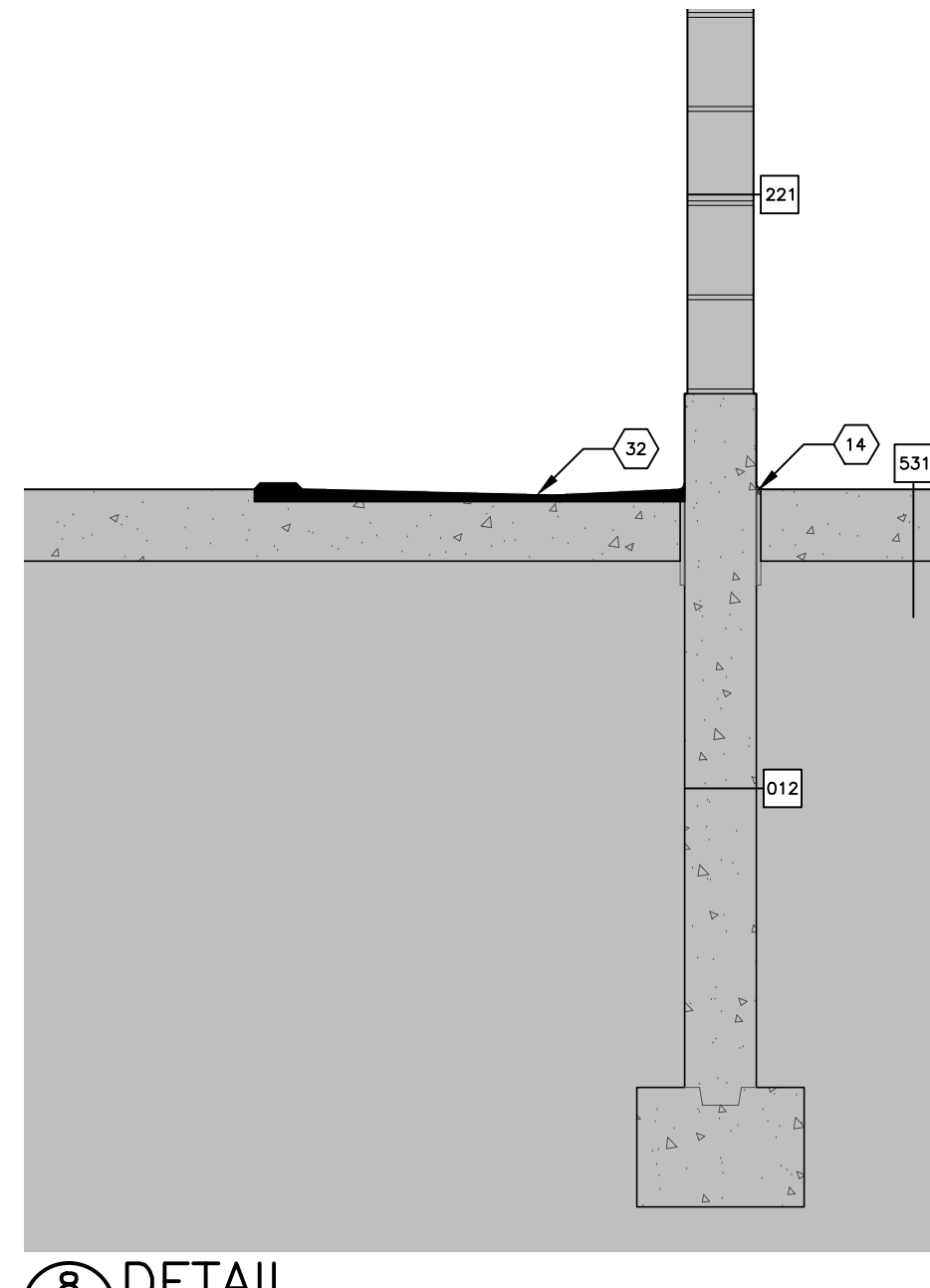
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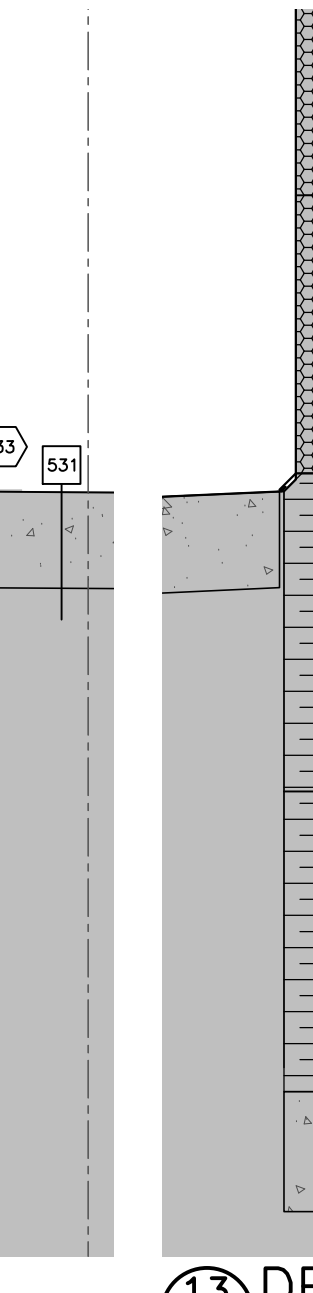
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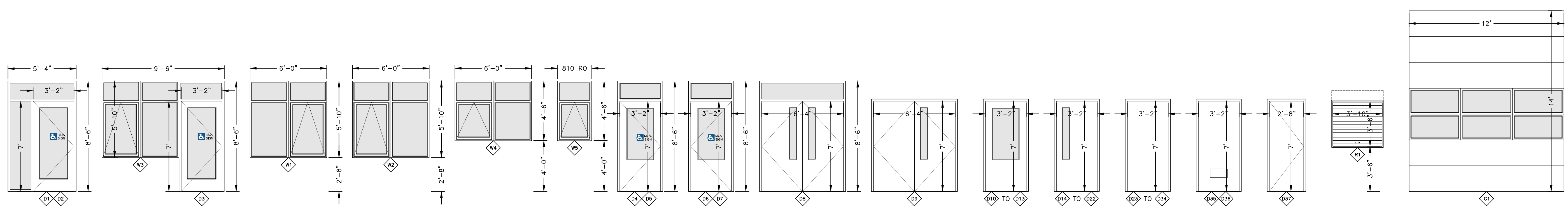


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SCHEDULE 01 – DOORS

NOTE: KEYED ZONES TO BE PROVIDED AS FOLLOWS: ZONE (1) SHALL BE PROVIDED FOR FIRE DEPARTMENT USE ONLY. ZONE (2) SHALL BE PROVIDED FOR COUNTY PARAMEDICS ONLY. ZONE (3) SHALL BE PROVIDED FOR MUNICIPAL OFFICE USE ONLY. COMBINED ZONES ARE INDICATED AND INDIVIDUAL ROOMS SHALL BE KEYED SEPARATELY BY SPECIFIC ROOM NUMBER (###) AND AREAS ZONED (J) WOULD BE LOCKED FOR JANITORIAL PURPOSES ONLY.

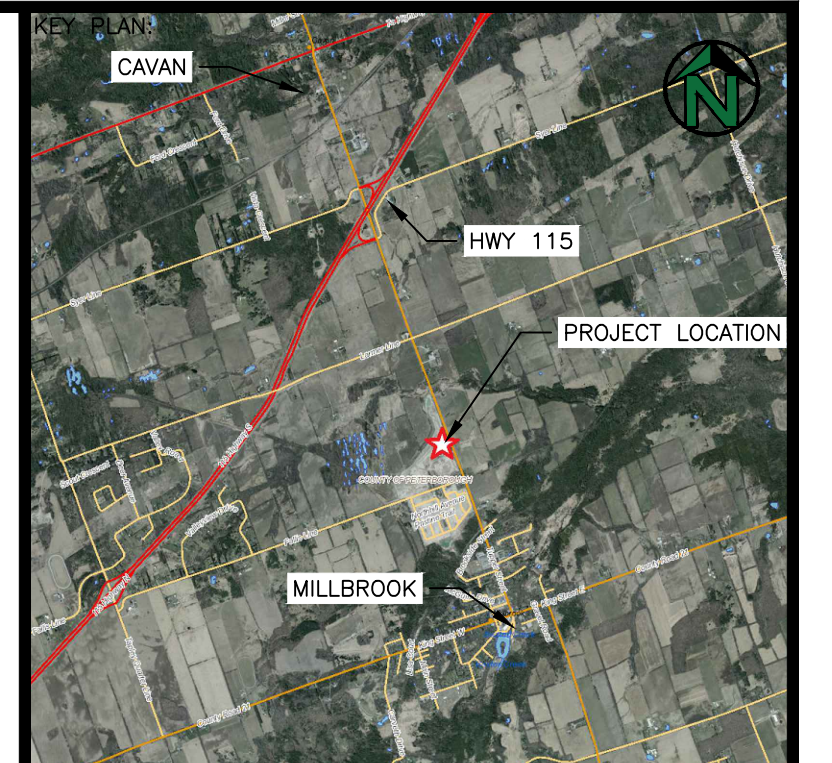
I.D. No.	QTY.	WIDTH (INCHES)	HEIGHT (INCHES)	KEY	FRR	WALL	SWING (ACTIVE LEAF)	MATERIAL (DOOR AND FRAME U.N.O.)	GLAZING (TEMPERED)	LOUVRE	HARDWARE	NOTES
D1	1	38 + 20 SIDELIGHT + FRAME	84 + FIXED TRANSOM & FRAME	(1)	-	101	OUT SWING, RIGHT HAND	ALUMINUM (MATCH FINISH WITH WINDOWS)	DOUBLE PANE, LOW-E ARGON	-	PUSH/PULL D HANDLES, DEAD BOLT, POWER OPERATOR.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D2	1	38 + 20 SIDELIGHT + FRAME	84 + FIXED TRANSOM & FRAME	(1)	-	201	OUT SWING, RIGHT HAND	ALUMINUM (MATCH FINISH WITH WINDOWS)	DOUBLE PANE, LOW-E ARGON	-	PUSH/PULL D HANDLES, DEAD BOLT, POWER OPERATOR.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D3	1	38 + FRAME + D1 WINDOW	84 + FIXED TRANSOM & FRAME	(2)	-	131	OUT SWING, RIGHT HAND	ALUMINUM (MATCH FINISH WITH WINDOWS)	DOUBLE PANE, LOW-E ARGON	-	KEYED LEVER (VON DUPRIN 373 OR APPROVED EQUAL), PANIC DEVICE, CLOSER.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D4	2	38 + FRAME	84 + FIXED TRANSOM & FRAME	(1)(2)	-	101 141	OUT SWING, RIGHT HAND	INSULATED STEEL, FRAME C/W THERMAL BREAK	DOUBLE PANE, LOW-E ARGON	-	KEYED LEVER (VON DUPRIN 373 OR APPROVED EQUAL), PANIC DEVICE, CLOSER.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D5	1	38 + FRAME	84 + FIXED TRANSOM & FRAME	(1)(2)	-	101 132	OUT SWING, RIGHT HAND	INSULATED STEEL, FRAME C/W THERMAL BREAK	DOUBLE PANE, LOW-E ARGON	-	KEYED LEVER (VON DUPRIN 373 OR APPROVED EQUAL), PANIC DEVICE, CLOSER.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D6	1	38 + FRAME	84 + FIXED TRANSOM & FRAME	105	-	101	OUT SWING, LEFT HAND	INSULATED STEEL, FRAME C/W THERMAL BREAK	DOUBLE PANE, LOW-E ARGON	-	KEYED LEVER (VON DUPRIN 373 OR APPROVED EQUAL), PANIC DEVICE, CLOSER. ALT. 1, KEY LOCK FOR ZONE 1 AND 2.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D7	1	38 + FRAME	84 + FIXED TRANSOM & FRAME	(1)(2)	-	132 141	OUT SWING, LEFT HAND	INSULATED STEEL, FRAME C/W THERMAL BREAK	DOUBLE PANE, LOW-E ARGON	-	KEYED LEVER (VON DUPRIN 373 OR APPROVED EQUAL), PANIC DEVICE, CLOSER.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D8	1	DOUBLE 38 + FRAME	84 + FIXED TRANSOM & FRAME	(1)(3)	-	142	OUT SWING, RIGHT HAND	INSULATED STEEL, FRAME C/W THERMAL BREAK	DOUBLE PANE, LOW-E ARGON	-	KEYED LEVER (VON DUPRIN 373 OR APPROVED EQUAL) ACTIVE LEAF, PANIC DEVICE (CONCEALED VERTICAL ROD), CLOSER BOTH LEAFS.	INCLUDE KICK PLATE, THRESHOLD, SWEEP, WEATHER STRIPPING, HINGES ETC.
D9	1	DOUBLE 38 + FRAME	84 + FRAME	(3)	-	201	IN SWING, RIGHT HAND	STEEL	SINGLE PANE	-	STOREROOM LOCK ANSI F86 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER. MANUAL FLUSH BOLT INACTIVE LEAF.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D10	1	38 + FRAME	84 + FRAME	-	1/2 h	221	OUT SWING, RIGHT HAND	INSULATED STEEL	SINGLE PANE, WIRED	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D11	1	38 + FRAME	84 + FRAME	104	1/2 h	221	OUT SWING, RIGHT HAND	INSULATED STEEL	SINGLE PANE, WIRED	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D12	1	38 + FRAME	84 + FRAME	(1)	1/2 h	221	IN SWING, RIGHT HAND	INSULATED STEEL	SINGLE PANE, WIRED	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), DEADBOLT, CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D13	1	38 + FRAME	84 + FRAME	(2)	1/2 h	223	OUT SWING, LEFT HAND	INSULATED STEEL	SINGLE PANE, WIRED	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), DEADBOLT, CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D14	1	38 + FRAME	84 + FRAME	-	1/2 h	223	OUT SWING, RIGHT HAND	INSULATED STEEL	SINGLE PANE, WIRED	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D15	1	38 + FRAME	84 + FRAME	107	45 min	211	OUT SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	SINGLE PANE, WIRED	-	CLASSROOM LOCK ANSI F84 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D16	1	38 + FRAME	84 + FRAME	-	45 min	211	IN SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	SINGLE PANE, WIRED	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D17	1	38 + FRAME	84 + FRAME	-	-	231	OUT SWING, LEFT HAND	STEEL	SINGLE PANE	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D18	1	38 + FRAME	84 + FRAME	-	-	231	OUT SWING, RIGHT HAND	STEEL	SINGLE PANE	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D19	1	38 + FRAME	84 + FRAME	107	-	201	IN SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	SINGLE PANE	-	CLASSROOM LOCK ANSI F84 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D20	1	38 + FRAME	84 + FRAME	107	-	201	IN SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	SINGLE PANE	-	CLASSROOM LOCK ANSI F84 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D21	1	38 + FRAME	84 + FRAME	105	-	201	IN SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	SINGLE PANE	-	PUSH/PULL LATCH (SCHLAGE HL OR APPROVED EQUAL), DEADBOLT, CLOSER. ALT. 1, NO LOCK REQUIRED.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D22	1	38 + FRAME	84 + FRAME	104	-	201	IN SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	SINGLE PANE	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D23	1	38 + FRAME	84 + FRAME	PRIV.	-	201	IN SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	PRIVACY LOCK ANSI F76 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D24	1	38 + FRAME	84 + FRAME	PRIV.	-	201	OUT SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	PRIVACY LOCK ANSI F76 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D25	1	38 + FRAME	84 + FRAME	101	-	201	IN SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D26	1	38 + FRAME	84 + FRAME	107	-	201	IN SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D27	1	38 + FRAME	84 + FRAME	103	-	201	IN SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D28	1	38 + FRAME	84 + FRAME	-	-	201	OUT SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	PASSAGE LATCH ANSI F75 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D29	1	38 + FRAME	84 + FRAME	122	-	201	IN SWING, RIGHT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D30	1	38 + FRAME	84 + FRAME	124	-	201	OUT SWING, LEFT HAND	SOLID WOOD DOOR, STEEL FRAME	-	-	KEYING AND LATCHING TO BE CONFIRMED BY PCCP. CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D31	1	38 + FRAME	84 + FRAME	201	-	201	IN SWING, RIGHT HAND	STEEL	-	-	ENTRY/OFFICE LOCK ANSI F82 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), DOOR STOP.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D32	1	38 + FRAME	84 + FRAME	(2)	1/2 h	223	OUT SWING, LEFT HAND	INSULATED STEEL	-	-	STOREROOM LOCK ANSI F86 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D33	1	38 + FRAME	84 + FRAME	114	1/2 h	223	OUT SWING, LEFT HAND	INSULATED STEEL	-	-	STOREROOM LOCK ANSI F86 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, WEATHER STRIPPING, HINGES ETC.
D34	1	32 + FRAME	84 + FRAME	113	-	201	IN SWING, RIGHT HAND	INSULATED STEEL	-	-	STOREROOM LOCK ANSI F86 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D35	1	38 + FRAME	84 + FRAME	(J)	-	231	IN SWING, RIGHT HAND	INSULATED STEEL	-	REF MECH	PUSH/PULL D HANDLES, DEAD BOLT KEYED BOTH SIDES, CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D36	1	38 + FRAME	84 + FRAME	(J)	-	231	IN SWING, LEFT HAND	INSULATED STEEL	-	REF MECH	PUSH/PULL D HANDLES, DEAD BOLT KEYED BOTH SIDES, CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
D37	1	32 + FRAME	84 + FRAME	(J)	45 min	231	IN SWING, RIGHT HAND	INSULATED STEEL	-	-	STOREROOM LOCK ANSI F86 (SCHLAGE ND SERIES, RHODES LEVER, OR APPROVED EQUAL), CLOSER.	INCLUDE KICK PLATE, SWEEP, HINGES ETC.
R1	1	46 + FRAME	42 + FRAME	YES	45 min	211	ROLL-UP/COIL	ALUMINUM	-	-	ALL HARDWARE NECESSARY TO PROVIDE PASS-THROUGH ACCESS AND AUTOMATIC CLOSURE IN THE EVENT OF FIRE.	
G1	10	144 (12'-0")	168 (14'-0")	-	-	141	SECTIONAL	INSULATED METAL	2-ROW FULL VIEW SECTIONS	-	MANARAS-OPERA, RAPIDO (RSH), PHOTO 061; STATION 020; RADIOEM 103SD (2 PER DOOR).	INCLUDE BACK UP CHAIN HOIST. REFER TO ELECTRICAL DRAWINGS.

COORDINATE AND CONFIRM WITH OTHER DRAWINGS. SIZE FRAME AND ROUGH OPENING DIMENSIONS IN ACCORDANCE WITH ADJACENT WALL TYPES.

SCHEDULE 02 – WINDOWS

I.D. No.	QTY.	WIDTH (INCHES)	HEIGHT (INCHES)	WALL	MATERIAL	GLAZING	TYPE
W1	2	72	70		ALUMINUM (MATCH FINISH WITH DOORS D1 TO D3)	TRIPLE PANE, ARGON, LOW E	FIXED AND AWNING
W2	5	72	70		ALUMINUM (MATCH FINISH WITH DOORS D1 TO D3)	TRIPLE PANE, ARGON, LOW E	AWNING AND FIXED
W3	1	72 + DOOR ASSEMBLY	70		ALUMINUM (MATCH FINISH WITH DOORS D1 TO D3)	TRIPLE PANE, ARGON, LOW E	AWNING AND FIXED
W4	1	72	44		ALUMINUM (MATCH FINISH WITH DOORS D1 TO D3)	TRIPLE PANE, ARGON, LOW E	AWNING AND FIXED
W5	1	31	44		ALUMINUM (MATCH FINISH WITH DOORS D1 TO D3)	TRIPLE PANE, ARGON, LOW E	AWNING AND FIXED

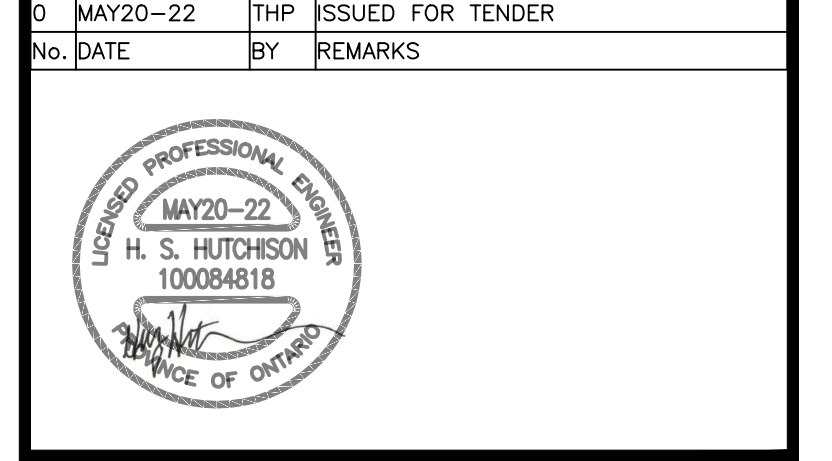
COORDINATE AND CONFIRM WITH OTHER DRAWINGS. SIZE FRAME AND ROUGH OPENING DIMENSIONS IN ACCORDANCE WITH ADJACENT WALL TYPES.



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- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO COMMENCING THE WORK.
- THE CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY FOR THE DESIGN, ERECTION, OPERATION, MAINTENANCE AND REMOVAL OF TEMPORARY BRACING, SHORING, HOARDING, AND ANY FACILITIES OR METHODS REQUIRED TO KEEP THE CONSTRUCTION SAFE, PLUMB, LEVEL AND IN TRUE ALIGNMENT AT ALL PHASES OF THE WORK UNTIL COMPLETION.

No.	DATE	BY	REMARKS
0	MAY20-22	THP	ISSUED FOR TENDER



PROJECT:
**NEW FIRE STATION No. 1
 HIGHLANDS BOULEVARD
 MILLBROOK, ON**

TITLE:
**DOOR AND WINDOW
 SCHEDULES**



DESIGNED BY: HSH
 DRAWN BY: HSH
 APPROVED BY: THP
 DATE: APR-22

PROJECT: 164.21.005
 PLOT DATE: MAY20-22
500

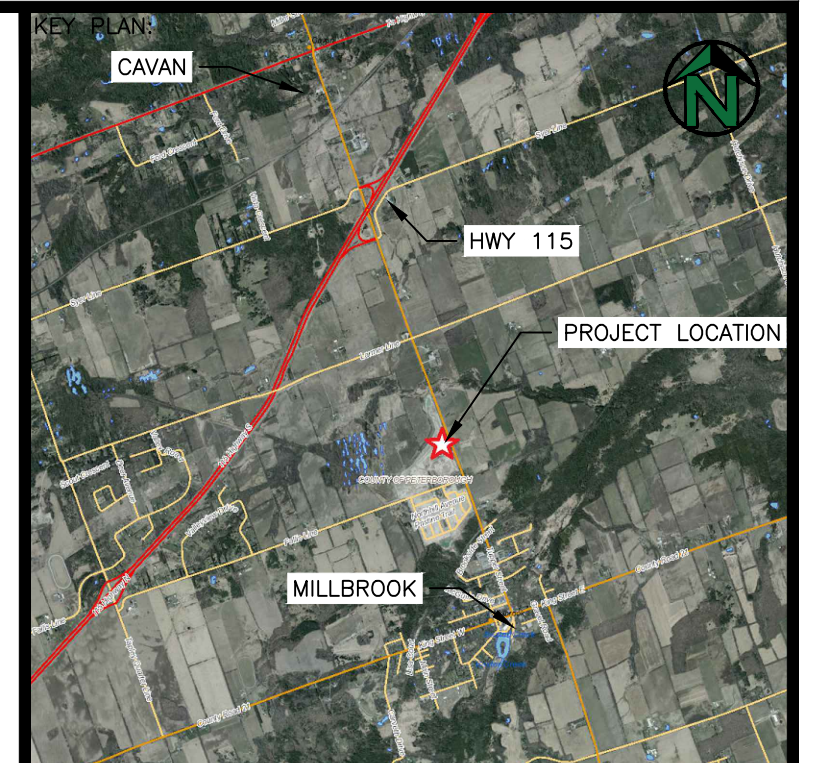
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SCHEDULE 03 – ROOM SCHEDULE

I.D.	TAG	FLOOR		VERTICAL SURFACES (WALL ETC.)					HORIZONTAL SURFACE (CEILING ETC.)				
		FLOOR	BASE	CONCRETE	CMU	GWB	PANEL	STEEL	HCU	STEEL	GWB	DROP	
000	VESTIBULE	FC-1	BC-1	-	-	WP-2	-	-	-	-	-	CT-1	
002	CORRIDOR	FC-1	BC-1	-	-	WP-2	-	-	-	-	-	CT-1	
003	CORRIDOR	FC-2	BC-2	-	WP-1	WP-2	-	-	-	-	-	CT-1	
004	APPARATUS	FC-2, FC-3	BC-2	-	WP-1	WP-2	PF-1	SP-1	-	SP-1	-	-	
005	OPEN MEZZANINE	FC-2	N/R	-	-	WP-2	PF-1	SP-1	-	SP-1	-	-	
006	VESTIBULE	FC-2	BV-1	-	-	WP-2	-	-	-	SP-1	-	-	
101	OFFICE 1	FC-1	BV-1	-	-	WP-3	-	-	-	-	-	CT-1	
102	OFFICE 2	FC-1	BV-1	-	-	WP-3	-	-	-	-	-	CT-1	
103	OFFICE 3	FC-1	BV-1	-	-	WP-3	-	-	-	-	-	CT-1	
104	OFFICE 4	FC-1	BV-1	-	-	WP-3	-	-	-	-	-	CT-1	
105	KITCHEN	FC-1	BV-1	-	-	WP-2	-	-	-	-	-	CT-2	
106	UNIVERSAL WASHROOM	FC-1	BC-1	-	-	WP-2	-	-	-	-	-	CT-2	
107	TRAINING ROOM	FC-1	BV-1	-	-	WP-2	-	-	-	-	-	CT-1	
108	MEN'S WASHROOM	FC-1, FC-4	BC-1, BC-3	-	WP-1, WC-1	-	-	N/R	-	CP-3	-	CT-2	
109	WOMEN'S WASHROOM	FC-1, FC-4	BC-1, BC-3	-	WP-1, WC-1	-	-	N/R	-	CP-3	-	CT-2	
110	JANITORIAL	FC-2	N/R	-	WP-1	-	-	-	CP-1	-	-	CT-2	
111	PPE STORAGE	FC-2	BC-2	-	WP-1	-	-	SP-1	N/R	-	-	CT-2	
112	PPE CLEANING	FC-2	BC-2	-	WP-1	WP-2	-	SP-1	N/R	-	-	CT-2	
113	COMPRESSOR	FC-2	N/R	-	WP-1	WP-2	-	-	CP-1	-	-	-	
114	SERVICE	FC-2	N/R	WP-1	WP-1	-	-	-	CP-1	-	-	-	
121	PCCP CREW ROOM	FC-1	BV-1	WP-1	WP-1	WP-2	-	-	CP-2	-	-	CT-1	
122	PCCP QUITE ROOM	FC-1	BV-1	WP-1	WP-1	WP-2	-	-	CP-2	-	-	CT-1	
123	PCCP SUPPLY ROOM	FC-2	BV-1	-	WP-1	WP-2	-	-	N/R	-	-	CT-1	
124	PCCP NARCOTICS	FC-2	BV-1	WP-1	WP-1	WP-2	-	-	N/R	-	-	CT-1	
125	WASHROOM	FC-1	BC-1	WP-1	-	WP-2	-	-	CP-2	-	-	CT-2	
126	VESTIBULE	FC-1	BV-1	-	WP-1	WP-2	-	-	CP-2	-	-	CT-1	
201	RADIO REPEATER ROOM	FC-2	BV-1	-	-	WP-2	PF-1	SP-1	-	-	-	-	
202	MUNICIPAL STORAGE	FC-2	BV-1	-	-	WP-2	PF-1	SP-1	-	-	-	-	

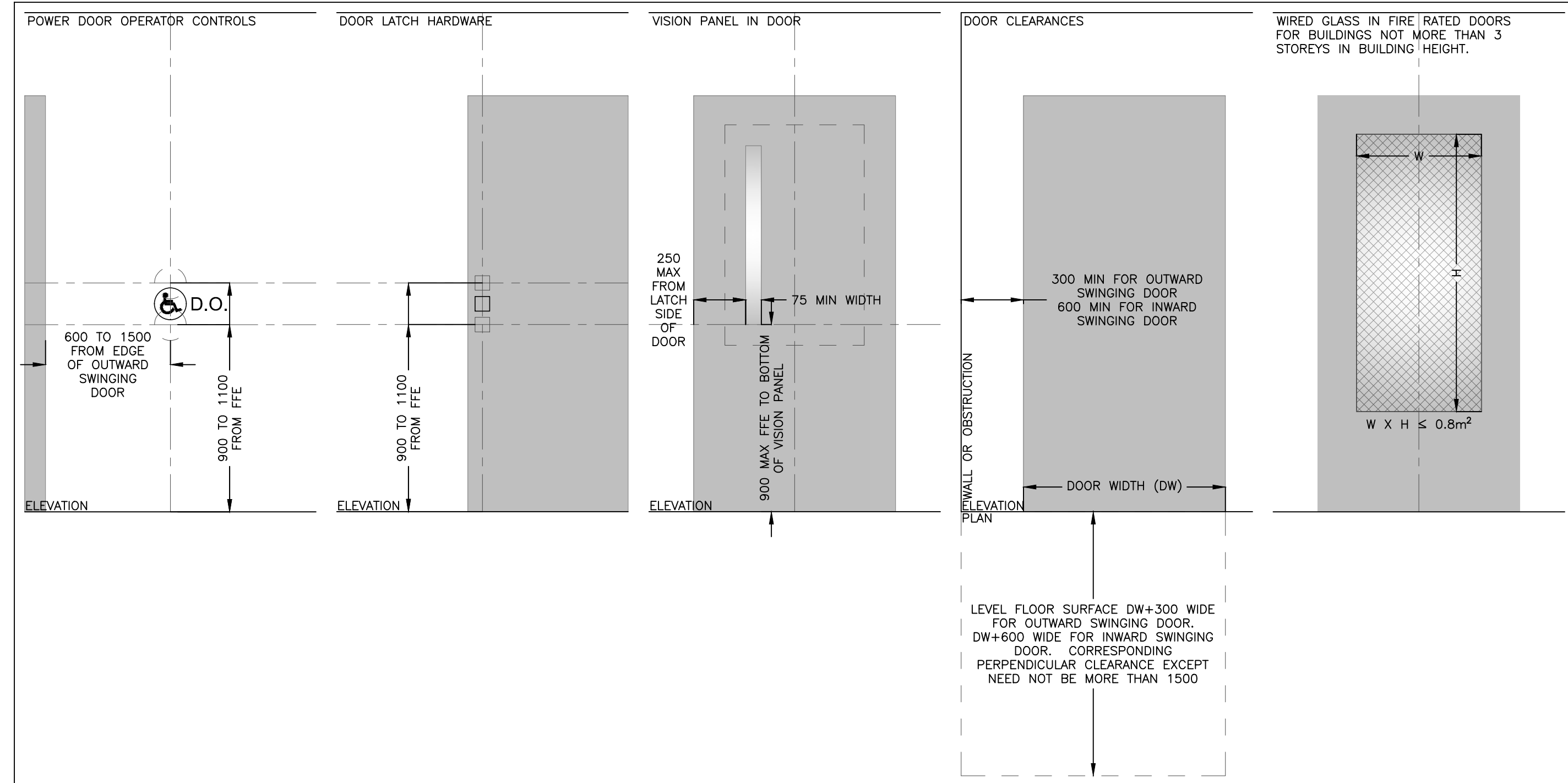
SCHEDULE 04 – FINISH SCHEDULE

I.D.	FINISH	MATERIAL	APPLICATION	COLOUR
FC-1	FLOOR COATING SYSTEM	STONHARD STONEKOTE EFC	OFFICE AREA FLOORS. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
FC-2	FLOOR COATING SYSTEM	STONHARD STONEKOTE GS4	INDUSTRIAL FLOORS (SOLID COLOUR). PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
FC-3	FLOOR COATING SYSTEM	STONHARD STONEKOTE GS4	INDUSTRIAL FLOORS (COLOUR CONTRAST STAIRS AND PARKING). PER MANUFACTURERS WRITTEN DIRECTION.	HIGH VISIBILITY YELLOW
FC-4	FLOOR COATING SYSTEM	STONHARD STONESHIELD	SHOWER PAN AND COVE. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
BC-1	8" BASE COVE SYSTEM	STONHARD STONEKOTE EFC	BASE. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
BC-2	8" BASE COVE SYSTEM	STONHARD STONEKOTE GS4	BASE. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
BC-3	8" BASE COVE SYSTEM	STONHARD STONESHIELD	SHOWERS. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
BV-1	4" RUBBER BASE TRIM	ARMSTRONG WALL BASE	BASE TRIM. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
WC-1	WALL COATING SYSTEM	STONHARD STONGLAZE VSR	SHOWERS. PER MANUFACTURERS WRITTEN DIRECTION.	TBD BY OWNER FROM A STANDARD RANGE.
WP-1	WALL PAINT SYSTEM	ALKYD SEMI-GLOSS ENAMEL	CMU AND CONCRETE WALLS. FILLER, PRIMER, AND TWO (2) FINISH COATS.	TBD BY OWNER FROM A STANDARD RANGE.
WP-2	WALL PAINT SYSTEM	ALKYD SEMI-GLOSS ENAMEL	GWB WALLS. PRIMER AND TWO (2) FINISH COATS. FINISH COATS TO MATCH WP-1 WHERE ADJACENT.	TBD BY OWNER FROM A STANDARD RANGE.
WP-3	WALL PAINT SYSTEM	ACRYLIC EGGSHELL	GWB WALLS. PRIMER AND TWO (2) FINISH COATS.	TBD BY OWNER FROM A STANDARD RANGE.
PF-1	FACTORY FINISH	METL-SPAN PANEL	EXPOSED INTERIOR FACE OF INSULATED CLADDING PANELS.	IGLOO WHITE (STANDARD)
SP-1	STEEL PAINT SYSTEM	ALKYD SEMI-GLOSS ENAMEL	ALL PRE-ENG STEEL TO BE PROVIDED WITH FACTORY PRIMER (GRAY). TOUCH-UP/FIELD PRIME ALL STEEL AS REQUIRED. WHERE INDICATED PROVIDE TWO (2) FINISH COATS.	TBD BY OWNER FROM A STANDARD RANGE.
SP-2	STEEL PAINT SYSTEM	EXTERIOR ALKYD GLOSS ENAMEL	ALL CANOPY STEEL, BOLLARDS, ETC. TO BE PROVIDED WITH FACTORY PRIMER. TOUCH-UP IN THE FIELD AS REQUIRED. PROVIDE TWO (2) FINISH COATS.	TBD BY OWNER FROM A STANDARD RANGE.
CP-3	CEILING PAINT SYSTEM	ALKYD SEMI-GLOSS ENAMEL	GWB CEILING. PRIMER AND TWO (2) FINISH COATS.	TBD BY OWNER FROM A STANDARD RANGE.
CT-1	CEILING TILE	COC RAYDAR PANELS	TILE ITEM No. 2410. T-BAR CEILING.	FLAT WHITE
CT-2	CEILING TILE	COC HALCYON PANELS	TILE ITEM No. 98233. T-BAR CEILING.	FLAT WHITE

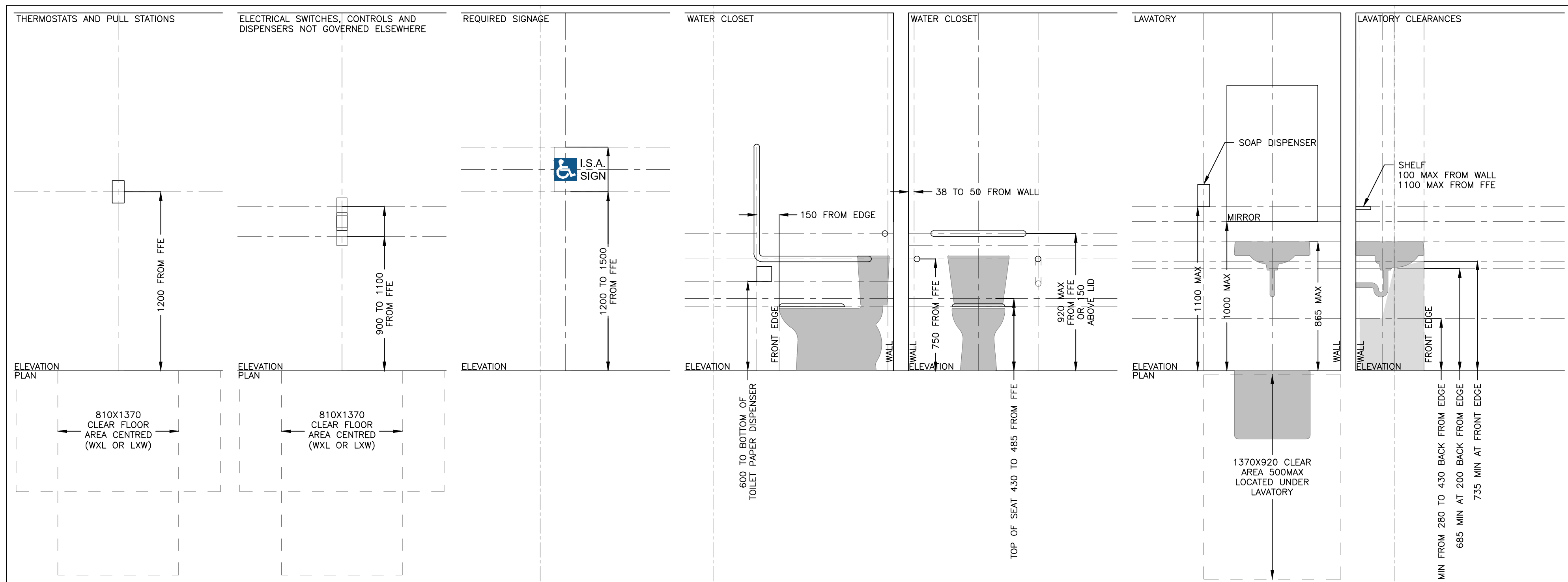


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DOOR STANDARDS
1:20



BARRIER FREE STANDARDS
1:20

No.	DATE	THP	ISSUED FOR TENDER
0	MAY20-22	THP	ISSUED FOR TENDER

Professional Engineer Seal for H. S. HUTCHISON, License No. 100084818, dated MAY20-22.

Client: TOWNSHIP OF CAVAN MONAGHAN

PROJECT: NEW FIRE STATION No. 1
HIGHLANDS BOULEVARD
MILLBROOK, ON

TITLE: ROOM AND FINISH
SCHEDULE
BARRIER FREE
AND DOOR
STANDARDS

Greenview Environmental Management logo and contact information: 13 Commerce Court, Barrow, Ontario, 613.332.0097, greenview-environmental.ca

DESIGNED BY: HSH	DRAWN BY: HSH	APPROVED BY: THP	DATE: APR-22
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PROJECT: 164.21.005 PLOT DATE: MAY20-22