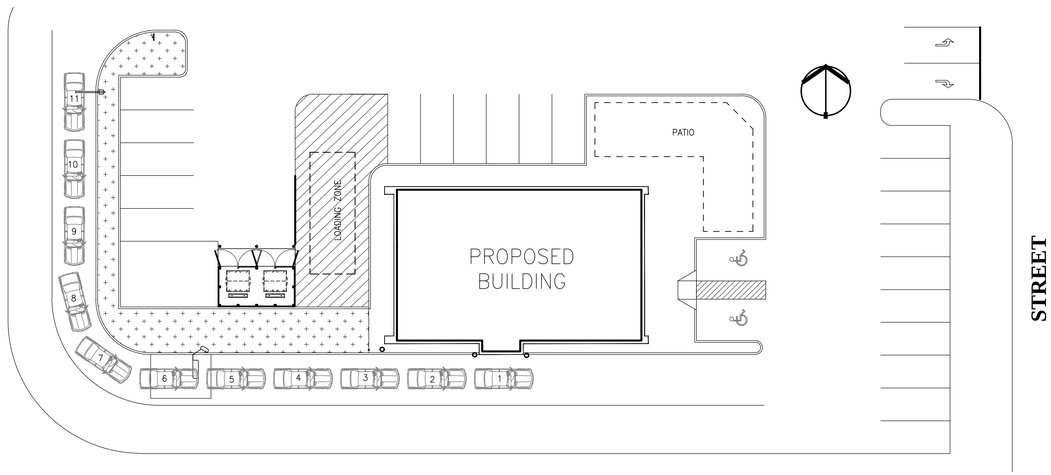
PROPOSED NEW

PROTOTYPE VERSION 1.5.2022

STREET NAME CITY, PROVINCE



KEY PLAN

LIST OF DRAWINGS

ARCHITECTURAL

LOGO

A0.0	Cover Sheet & Matrix
A1.0	General Notes & Specifications
A1.1	General Notes & Specifications
A1.2	Typical Site Details
A1.3	Typical Details
A2.0	Floor Plan
A3.0	Roof Plan
A3.1	Roof Details
A3.2	Alternative Roofing Systems (2-Ply & EPDM)
A4.0	Proposed Exterior Elevations
A5.0	Wall Sections
A5.1	Wall Sections
A5.2	Wall Sections
A5.3	Wall Sections
A6.0	Typical Details
A6.1	Details
A6.2	Section Details
A7.0	Door Schedules
A8.0	Garbage Enclosure Details
A9.0	Alt. EIFS System Spec. & Details

STRUCTURAL

LOGO

MECHANICAL

LOGO

ELECTRICAL

LOGO

GENERAL CONTRACTORS RESPONSIBILITY AND COORDINATION

IT IS THE BIDDING GENERAL CONTRACTORS RESPONSIBILITY TO ENSURE ALL BIDDING SUB-TRADES HAVE ACCESS OR RECEIVE ALL DRAWINGS, WRITTEN DOCUMENTATION AND ADDENDUMS ISSUED BY ALL DISCIPLINES FOR ALL TRADES, AS PART OF THIS TENDER. IT IS ALSO THE BIDDING GENERAL CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL ITEMS PERTAINING TO THE WORK SHOWN ON ALL DRAWINGS ARE COORDINATED AND ACCOUNTED FOR AT TIME OF CLOSING. IN THE EVENT THAT THERE IS MISSING INFORMATION, CONTRADICTORY INFORMATION OR ITEMS APPEAR TO BE INCOMPLETE OR INCORRECT, THE BIDDERS AREA TO BRING IT TO THE CONSULTANTS' ATTENTION PRIOR TO TENDER CLOSE. IF NO REQUEST FOR CLARIFICATION IS RECEIVED PRIOR TO TENDER CLOSE, THEN IT IS UNDERSTOOD THAT BY SUBMITTING A BID ANY COST RELATED TO SAID INCOMPLETE CONTRADICTORY OR MISSING/ INCORRECT INFORMATION IS INCLUDED IN THE TENDER AMOUNT AND NO CLAIM FOR EXTRA WILL BE ACCEPTED AFTER TENDER AWARD.

DRAWINGS VS. SPECIFICATIONS

NOTWITHSTANDING GC1.1.9, SPECIFICATIONS AND GENERAL NOTES SHALL GOVERN OVER DRAWINGS, EXCEPT WHEN THE DRAWING INFORMATION SPECIFICALLY STATES A MORE STRINGENT CONDITION THAN GENERAL SPECIFIED, INCLUDE ALL ITEMS DESCRIBED ON EITHER THE DRAWINGS OR SPECIFICATIONS IN THE CONTRACT BID.

DRAWINGS vs. DRAWINGS

NOT WITHSTANDING GC1.1.9, IN THE EVENT THAT THERE IS CONTRADICTION OR CONFLICT BETWEEN CONSULTANT DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY AND BE INCLUDED IN THE BID, WITH CONFIRMATION BEING PROVIDED TO THE SUCCESSFUL BIDDER PRIOR TO ORDERING AND INSTALLATION OF MATERIALS. INCLUDE ALL ITEMS DESCRIBED ON EITHER THE DRAWINGS OR SPECIFICATIONS IN THE CONTRACT BID.

BUILDING CODE MATRIX

Firm Name: ARCHITECT
Certificate of Practice Number: #
ADDRESS
CITY, PROVINCE, POSTAL CODE
TEL (XXX) XXX XXXX

Name of Project:
Proposed New Building
Location:
STREET NAME, CITY, PROVINCE, POSTAL CODE

Item	Provincial Building Code Data Matrix Parts 3 or 9			OBC Reference (References are to Division B unless noted [A] for Division A or [C] for Division C.)	
1	Project Description: ☐ Change of Use	☒ New ☐ Addition ☐ Alteration	☐ Part 11 11.1 to 11.4	☒ Part 3 1.1.2. [A]	☐ Part 9 1.1.2. [A] & 9.10.1.3.
2	Major Occupancy(s) RESTAURANT			3.1.2.1.(1)	9.10.2.
3	Building Area (m^2)	Existing ____ New 270.35 Total 270.35		1.4.1.2.[A]	1.4.1.2.[A]
4	Gross Area	Existing ____ New 270.35 Total 270.35		1.4.1.2.[A]	1.4.1.2.[A]
5	Number of Storeys	Above grade 1 Below grade 0		1.4.1.2.[A] & 3.2.1.1.	1.4.1.2.[A] & 9.10.4.
6	Number of Streets/Fire Fighter Access 2			3.2.2.10. & 3.2.5.	9.10.20.
7	Building Classification GROUP 'A', DIVISION 2, 1 STOREY			3.2.2.28.	9.10.2.
8	Sprinkler System Proposed	☐ entire building ☐ selected compartments ☐ selected floor areas ☐ basement ☐ in lieu of roof rating ☒ not required		3.2.1.5. 3.2.2.17. INDEX	9.10.8.2. INDEX
9	Standpipe Required	☐ Yes ☒ No		3.2.9.	N/A
10	Fire Alarm Required	☐ Yes ☒ No		3.2.4.	9.10.18.
11	Water Service/Supply is Adequate	☒ Yes ☐ No		3.2.5.7.	N/A
12	High Building	☐ Yes ☒ No		3.2.6.	N/A
13	Construction Restrictions Actual Construction	☐ Combustible permitted ☐ Non-combustible required ☒ Both ☐ Combustible ☐ Non-combustible ☒ Both		3.2.2.57.	9.10.6.
14	Mezzanine(s) Area m^2 N/A			3.2.1.1.(3)-(8)	9.10.4.1.
15	Occupants load based on ____	☐ m^2/person ☒ design of building Occupancy A2 Load 45 persons		3.1.17.	9.9.1.3.
16	Barrier-free Design	☒ Yes ☐ No (Explain)		3.8.	9.5.2.
17	Hazardous Substances	☐ Yes ☒ No		3.3.1.2. & 3.3.1.19.	9.10.1.3.(4)
18	Required Fire Resistance Rating (FRR)	Horizontal Assemblies FRR (Hours) / Listed Design No. or Description (SG-2)			9.10.8. 9.10.9.
		Floors — Hours			
		Roof — Hours			
		Mezzanine — Hours			
		FRR of Supporting Members / Listed Design No. or Description (SG-2)			
		Floors — Hours			
		Roof — Hours			
		Mezzanine — Hours			

19 Spatial Separation - Construction of Exterior Walls — 3.2.3 — 9.10.14

Wall	Area of EBF (m^2)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb. Constr. Nonc. Cladding	Non-comb. Constr.
North	85.3		5:1	100	0					
South	85.3		5:1	100	18.21					
East	52.0		3:1	100	55.21					
West	51.5		3:1	100	4.53					

(Additional wall areas continued below)

20 Plumbing Fixture Requirements — BC Reference: ☒ Part 3 ☐ Part 9

Male/Female Count @ 50 %/ 50 % except as noted otherwise

Women A2
Men A2

Occupant Load	BC Table Number	Fixtures Required	Fixtures Provided	
23	3.7.4.3.D.	2	3[2]	3.7.4.2.(7)
22	3.7.4.3.D.	2	3[2]	3.7.4.3.(4)

[2] ROUGH-INS ONLY - FIXTURE BY TENANT UNDER SEPARATE PERMIT.

21 Other - Describe

LANDLORD LOGO

GENERAL NOTES

1. IT IS ASSUMED THAT ALL THE CONTRACTORS HAVE CAREFULLY EXAMINED THE SITE AND HAVE FULLY INFORMED THEMSELVES AS TO THE EXISTING CONDITIONS AND LIMITATIONS AND HAVE INCLUDED IN THEIR PRICE THE COMPLETE COST OF THIS WORK.

2. THE CONTRACTOR SHALL ASSUME ALL THE RESPONSIBILITIES AND LIABILITIES AS AN EMPLOYER AS TO WORKMEN'S COMPENSATION, UNEMPLOYMENT INSURANCE AND ALL THE OTHER TAXES, FEES AND ASSESSMENTS THAT MAY BE LEVIED BY LAW UPON THE PROPERTY OR OPERATION OF THE CONTRACTOR AND HIS SUB-CONTRACTORS.

3. WITHOUT RESTRICTING THE INTENT OF GC. 11.1.1.1, THE CONTRACTOR SHALL MAINTAIN AT HIS OWN EXPENSE, COMPREHENSIVE GENERAL LIABILITY INSURANCE IN THE AMOUNT OF NOT LESS THAN FIVE MILLION DOLLARS ($5,000,000.00) FOR ANY ONE OCCURRENCE FOR BODILY INJURY, PROPERTY DAMAGE OR DEATH. SUCH POLICY SHOULD NAME THE OWNER AND THE CONSULTANTS AS ADDITIONAL INSURED AND SHALL INCLUDE A CROSS LIABILITY AND SEVERABILITY OF INTEREST CLAUSE. THE DEDUCTIBLE AMOUNTS OF THE INSURANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE EVIDENCE OF SUCH INSURANCE IN A FORM ACCEPTABLE TO THE OWNER PRIOR TO CONSTRUCTION START.

4. THE CONTRACTOR SHALL, TO THE FULL EXTENT PERMITTED BY THE LAW, DEFEND, INDEMNIFY AND SAVE HARMLESS THE OWNER AND THE CONSULTANTS AND THEIR RESPECTIVE DIRECTORS, OFFICERS, PARTNERS, EMPLOYEES AND AGENTS, FROM AND AGAINST ANY AND ALL CLAIMS, DEMANDS, LOSSES, COSTS, DAMAGES, ACTIONS, SUITS OR PROCEEDINGS DIRECTLY OR INDIRECTLY ARISING OR ALLEGED TO ARISE OUT OF THE PERFORMANCE OR THE FAILURE TO PERFORM THE WORK, OR OUT OF THE CONDITION OF THE WORK, THE JOB SITE, ADJOINING LAND, DRIVEWAYS, STREETS OR ALLEYS USED IN CONNECTION WITH THE PERFORMANCE OF THE WORK.

5. THE CONTRACTORS ARE RESPONSIBLE TO GIVE ALL NOTICES, OBTAIN ALL PERMITS AND APPROVALS, ARRANGE FOR INSPECTION OF WORK BY INSPECTION AUTHORITIES, AND PAY ALL FEES IN ORDER THAT THE WORK MAY BE CARRIED OUT AND COMPLETED ON SCHEDULE. THE OWNER SHALL APPLY AND PAY FOR THE BUILDING PERMIT.

5a. FOR THE PURPOSE OF N.B.C. DIVISION C 1.3.5.1.& 1.3.5.2. THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITIES OF "THE PERSON TO WHOM A PERMIT IS ISSUED" AND SHALL NOTIFY THE CHIEF BUILDING OFFICIAL (OR REGISTERED CODE AGENCY) OF THE FOLLOWING PHASES OF CONSTRUCTION AS APPLICABLE TO THIS PROJECT.
(a) READINESS TO CONSTRUCT FOOTINGS,
(b) SUBSTANTIAL COMPLETION OF FOOTINGS & FOUNDATIONS PRIOR TO COMMENCEMENT OF BACKFILLING,
(c) SUBSTANTIAL COMPLETION OF STRUCTURAL FRAMING & DUCTWORK & PIPING FOR HEATING & AIR-CONDITIONING SYSTEMS, IF THE BUILDING IS WITHIN THE SCOPE OF PART 9 OF DIVISION B,
(d) SUBSTANTIAL COMPLETION OF STRUCTURAL FRAMING & ROUGH-IN OF HVAC & AIR-CONTAMINANT EXTRACTION EQUIPMENT, IF THE BUILDING IS NOT A BUILDING TO WHICH CLAUSE (c) APPLIES,
(e) SUBSTANTIAL COMPLETION OF INSULATION, VAPOUR BARRIERS & AIR BARRIERS,
(f) SUBSTANTIAL COMPLETION OF ALL REQUIRED FIRE SEPARATIONS & CLOSURES & ALL FIRE PROTECTION SYSTEMS INCLUDING STANDPIPE, SPRINKLER, FIRE ALARM & EMERGENCY LIGHTING SYSTEMS,
(g) SUBSTANTIAL COMPLETION OF FIRE ACCESS ROUTES,
(h) READINESS FOR INSPECTION & TESTING OF:
  (i) BUILDING SEWERS & BUILDING DRAINS,
  (ii) WATER SERVICE PIPES,
  (iii) FIRE SERVICE MAINS
  (iv) DRAINAGE SYSTEMS & VENTING SYSTEMS,
  (v) THE WATER DISTRIBUTION SYSTEM, &
  (vi) PLUMBING FIXTURES & PLUMBING APPLIANCES,
(i) READINESS FOR INSPECTION OF SUCTION & GRAVITY OUTLETS, COVERS, & SUCTION PIPING SERVING OUTLETS OF AN OUTDOOR POOL,
(j) SUBSTANTIAL COMPLETION OF THE CIRCULATION/RECIRCULATION SYSTEM OF AN OUTDOOR POOL,
(k) READINESS TO CONSTRUCT THE SEWAGE SYSTEM,
(l) SUBSTANTIAL COMPLETION OF THE INSTALLATION OF THE SEWAGE SYSTEM BEFORE THE COMMENCEMENT OF BACKFILLING,
(m) SUBSTANTIAL COMPLETION OF INSTALLATION OF PLUMBING NOT LOCATED IN A STRUCTURE, BEFORE THE COMMENCEMENT OF BACKFILLING, &
(n) COMPLETION OF CONSTRUCTION & INSTALLATION OF COMPONENTS REQUIRED TO PERMIT THE ISSUE OF AN OCCUPANCY PERMIT UNDER SENTENCE 1.3.3.1.(2) OF DIVISION C OR TO PERMIT OCCUPANCY UNDER SENTENCE 1.3.3.2.(1) OF DIVISION C, IF THE BUILDING OR PART OF THE BUILDING TO BE OCCUPIED IS NOT FULLY COMPLETED.

INCLUDING THE FOLLOWING PHASES WHERE REQUIRED BY THE MUNICIPALITY AS APPLICABLE.
(a) COMMENCEMENT OF CONSTRUCTION OF THE BUILDING
(b) SUBSTANTIAL COMPLETION OF STRUCTURAL FRAMING FOR EACH STOREY, IF THE BUILDING IS A TYPE OF BUILDING THAT IS WITHIN THE SCOPE OF PARTS OF DIVISION B OTHER THAN PART 9 DIVISION B,
(c) COMMENCEMENT OF CONSTRUCTION OF:
  (i) MASONRY FIREPLACES AND MASONRY CHIMNEYS,
  (ii) FACTORY-BUILT FIREPLACES & ALLIED CHIMNEYS
  (iii) STOVES, RANGES, SPACE HEATERS & ADD ON FURNACES USING SOLID FUELS & ALLIED CHIMNEYS
(d) SUBSTANTIAL COMPLETION OF INTERIOR FINISHES,
(e) SUBSTANTIAL COMPLETION OF HEATING, VENTILATING, AIR-CONDITIONING & AIR-CONTAMINANT EXTRACTION EQUIPMENT,
(f) SUBSTANTIAL COMPLETION OF EXTERIOR CLADDING,
(g) SUBSTANTIAL COMPLETION OF SITE GRADING,
(h) SUBSTANTIAL COMPLETION OF THE POOL DECK & DRESSING ROOMS FOR A PUBLIC POOL OR PUBLIC SPA & READINESS FOR INSPECTION OF THE EMERGENCY STOP SYSTEM FOR A PUBLIC POOL OR PUBLIC SPA, &
(i) COMPLETION & AVAILABILITY OF DRAWINGS OF THE BUILDING AS CONSTRUCTED

6. ALL WORK, ALL SYSTEMS AND ANY PARTS WHICH FORM A PART OF THE SYSTEM, SHALL BE INSTALLED TO CONFORM IN STRICT ACCORDANCE WITH THE ONTARIO BUILDING CODE, MINISTRY OF ENVIRONMENT, MINISTRY OF LABOUR, NFPA – 130.REG 815, ELECTRICAL SAFETY CODE AND ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, AND AS REQUIRED BY ULC/ULI DESIGNS.

7. ALL MATERIALS AND EQUIPMENT SHALL BE NEW (UNLESS OTHERWISE NOTED), CSA APPROVED, BEAR CSA STAMP, BE OF COMMERCIAL GRADE AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE THE PROPER PERFORMANCE OF THE WORK AND FOR MATERIALS AND WORKMANSHIP WHICH IN THE OPINION OF THE CONSULTANTS IS FAULTY OR DO NOT COMPLY WITH THE DOCUMENTS AND WHICH, OR THE EFFECT OF WHICH, APPEAR TO ARISE PRIOR OR DURING THE PERIOD OF ONE YEAR. THE CONTRACTOR SHALL PROMPTLY AND AT HIS OWN EXPENSE REMEDY AND MAKE GOOD ANY DEFECTS AND DEFICIENCIES DUE THERETO OR INVOLVED THEREBY AND PAY FOR ANY DAMAGE TO OTHER WORK OR PROPERTY OR TO PERSONS RESULTING THEREFROM WHICH OR THE EFFECT OF WHICH, SHALL APPEAR TO ARISE EITHER PRIOR OR DURING SUCH PERIOD OF ONE YEAR, UNLESS ELSEWHERE IS NOTED OTHERWISE.

9. IT SHOULD BE NOTED THAT THIS LOCATION IS AN OPERATING SHOPPING CENTRE. PUBLIC SAFETY AND THE UNDISTURBED BUSINESS OPERATION OF ALL THE TENANTS SHOULD BE A MAJOR CONCERN AND MUST NOT BE JEOPARDIZED AT ANY TIME DURING ALL PHASES OF CONSTRUCTION. PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES AS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND THE LANDLORD.

10. REPLACE, AND OTHERWISE MAKE GOOD, DAMAGED WORK AND ALL EXISTING SURFACES, MATERIALS AND EQUIPMENT EFFECTED BY THIS WORK. PATCHING OR REPLACEMENT OF DAMAGED WORK SHALL BE DONE BY THE SUBCONTRACTOR UNDER WHOSE WORK IT WAS ORIGINALLY EXECUTED OR WHOSE WORK IS EFFECTED, AT THE EXPENSE OF THE SUB-CONTRACTOR WHO CAUSED THE DAMAGE. CUTTING AND PATCHING FOR HOLES REQUIRED BY MECHANICAL AND ELECTRICAL WORK SHALL BE PERFORMED BY THE TRADE WHO PERFORMED THE ORIGINAL WORK AND PAID BY THE CONTRACTOR REQUIRING THE WORK.

11. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENFORCE FIRE PROTECTION METHODS, GOOD HOUSEKEEPING AND ADHERENCE TO OCCUPATIONAL HEALTH AND SAFETY ACT, WORKERS' COMPENSATION BOARD REGULATIONS, LOCAL AND UNDERWRITERS FIRE REGULATIONS AND THE REQUIREMENTS OF ALL OTHER AUTHORITIES HAVING JURISDICTION.

12. THE CONTRACTOR SHALL PROVIDE UL APPROVED AND FIRE EXTINGUISHERS OTHER FIRE FIGHTING SERVICES AND EQUIPMENT (EXCEPT WHERE MORE EXPLICIT REQUIREMENTS ARE THE RESPONSIBILITY OF THE INDIVIDUAL SUBCONTRACTORS) AND FIRST AID EQUIPMENT AND PERSONNEL.

13. ALLOW FOR CLEANING BY SKILLED CLEANING SPECIALISTS ON COMPLETION OF CONSTRUCTION. REMOVE TEMPORARY PROTECTION AND MAKE GOOD DEFECTS BEFORE COMMENCEMENT OF FINAL CLEANING. REPLACE MIRRORS, GLASS, ETC, THAT HAVE BEEN BROKEN OR DAMAGED DURING CONSTRUCTION, OR WHICH ARE OTHERWISE DEFECTIVE. FINAL CLEANING OF THE ENTIRE WORK AREA SHALL INCLUDE: WASHING OF FLOORS, CLEANING AND POLISHING OF GLASS, MIRRORS, PORCELAIN ENAMEL ETC: VACUUM CLEANING CEILINGS, CARPETS AND WALLS; CLEANING OF HARDWARE, MECHANICAL FIXTURES, LIGHT FIXTURES, ETC.; REMOVING OF VISIBLE LABELS LEFT ON MATERIALS, COMPONENTS AND EQUIPMENT.

14. SUBMIT SHOP DRAWINGS ELECTRONICALLY. REVIEWED, SIGNED & SEALED BY GENERAL CONTRACTOR AS REQUIRED BY THIS WORK, BY THE CONSULTANTS OR BY AUTHORITIES HAVING JURISDICTION. SHOP DRAWINGS NOT REVIEWED BY THE GENERAL CONTRACTOR WILL BE RETURNED NOT REVIEWED, AND REJECTED. THE GENERAL CONTRACTOR SHALL CHECK SIGN AND MAKE NOTATIONS HE CONSIDERS NECESSARY ON SHOP DRAWINGS BEFORE EACH SUBMISSION TO CONSULTANTS. SHOP DRAWING REVIEW BY CONSULTANTS FOR THE SOLE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT AND IS A PRECAUTION AGAINST OVERSIGHT OR ERROR. THIS REVIEW SHALL NOT MEAN THAT THE CONSULTANT APPROVES THE DETAIL DESIGN INHERENT IN THE SHOP DRAWINGS, RESPONSIBILITY FOR WHICH SHALL REMAIN WITH THE CONTRACTOR SUBMITTING SAME, AND SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR ERRORS, OMISSIONS OR MEETING ALL THE REQUIREMENTS OF HIS CONTRACT. WHERE SHOP DRAWINGS ARE TO BEAR THE SEAL OF A P.ENG. PRACTICING IN THE PLACE OF WORK AND/OR WHERE P.ENG.'S SERVICES ARE REQUIRED AS PART OF CONTRACTORS' WORK: PROVIDE COPIES OF INSURANCE CERTIFICATES SHOWING E&O COVERAGE OF EACH ENGINEER AS PERTINENT TO THIS PROJECT. A SHOP DRAWING LIST, INCLUDING SUBMISSION & RETURN DATES SHALL BE PROVIDED AT THE START OF THE PROJECT FOR REVIEW, AND APPROVAL WITH THE CONSULTING TEAM.

15. ARCHITECTURAL LAYOUT DIMENSIONS, SHOWN ON OTHER CONSULTANT DRAWINGS, ARE FOR GENERAL REFERENCE ONLY. IN CASE OF CONFLICT IN LAYOUT INFORMATION BETWEEN ARCHITECTURAL AND CONSULTANTS' DRAWINGS, ARCHITECTURAL DRAWINGS SHALL APPLY AND GOVERN. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT FIELD LAYOUTS (SUCH AS PARTITIONS. WALLS, CAST-IN FOOT GRILL/TRENCH/DEPRESSION IN SLAB ON GRADE, ETC) COMPLY WITH THE REQUIREMENTS OF THE FINISHED PRODUCT, AS SHOWN ON ARCHITECTURAL DRAWINGS.

16. CONTRACT CLOSEOUT:
PROVIDE TWO COPIES OF OPERATING AND MAINTENANCE DATA PREPARED ON 8.5" X 11" SHEETS IN PRINTED OR TYPEWRITTEN FORM, CONTAINED IN 3 RING BINDERS FOR ALL MATERIALS AND EQUIPMENT WHICH REQUIRE SPECIAL MAINTENANCE OR OPERATING PROCEDURES. INCLUDE THE FOLLOWING IN EACH MANUAL OF THE TWO: NAMES AND ADDRESSES OF CONTRACTORS & SUBCONTRACTORS, LIST OF SUPPLIERS WITH ADDRESSES AND TELEPHONE NUMBERS; 24 HR. EMERGENCY TELEPHONE NUMBERS FOR PLUMBING, HEATING, AIR CONDITIONING AND ELECTRICAL; COPY OF FINISH HARDWARE LIST WITH ALL AMENDMENTS AND REVISIONS AND LOCK MANUFACTURER'S DESCRIPTIVE AND SERVICE LITERATURE; MAINTENANCE INSTRUCTIONS FOR ALL FINISHED SURFACES; BROCHURES AND CUTS OF ALL FIXTURES AND EQUIPMENT; OPERATING AND MAINTENANCE OF ALL EQUIPMENT: OTHER DATA REQUIRED ELSEWHERE IN DOCUMENTS OR DEEMED NECESSARY BY CONSULTANTS.

16a. PROVIDE ONE COPY OF THE FOLLOWING EXECUTED BY THE CONTRACTOR AND EACH SUBCONTRACTOR: STATUTORY DECLARATIONS AND DECLARATION OF LAST SUPPLY; WORKMEN'S COMPENSATION BOARD CERTIFICATE; CERTIFICATE OF APPROVAL OF THE WORK BY THE LOCAL BUILDING DEPARTMENT; OCCUPANCY PERMIT (IF REQUIRED); ELECTRICAL CERTIFICATE OF INSPECTION; FIRE ALARM VERIFICATION CERTIFICATE (IF REQUIRED).

16b. RECORD DRAWINGS: UPON COMPLETION OF WORK, OBTAIN FROM CONSULTANT A CD WITH DRAWING FILES OF CONTRACT DOCUMENTS IN AUTOCAD 2000. TRANSFER RECORD INFORMATION COMPILED DURING CONSTRUCTION TO COMPUTER DRAWING FILES AND SUBMIT 2 COPIES FOR REVIEW BY CONSULTANTS. QUALITY OF DRAWINGS SHALL MATCH THE ORIGINAL.

16c. PROVIDE AS BUILT SITE SURVEY SHOWING BUILDING LOCATION, PREPARED AND CERTIFIED BY A LAND SURVEYOR LICENSED IN THE PLACE OF WORK.

16d. PARTIAL OCCUPANCY: THE OWNERS RESERVE THE RIGHT TO INSTALL FURNISHING AND EQUIPMENT IN AREAS OF BUILDING THAT ARE COMPLETED PRIOR TO THE DATE OF SUBSTANTIAL PERFORMANCE.

16e. DEFICIENCIES AND INCOMPLETE WORK: ALL DEFICIENCIES AND/ OR OUTSTANDING WORK, INCLUDING OR OUTSTANDING WORK, INCLUDING WARRANTIES AND DOCUMENTATION REQUIRED SHALL BE COMPLETED BY THE CONTRACTOR WITHIN TWENTY (20) DAYS AFTER SUBSTANTIAL PERFORMANCE HAS BEEN ESTABLISHED. THE OWNERS SHALL RETAIN SUFFICIENT FUNDS FROM FINAL PAYMENT TO ENGAGE ANOTHER CONTRACTOR TO COMPLETE THE OUTSTANDING ITEMS, IF THE CONTRACTOR FAILS TO ACHIEVE TOTAL PERFORMANCE IN SIXTY (60) DAYS, THE ABOVE-MENTIONED FUNDS WITHHELD FROM FINAL PAYMENT SHALL INCLUDE THE VALUE OF OUTSTANDING WORK PLUS THE ADDITIONAL EXPENSES OF THE CONSULTANTS FOR COORDINATION AND ADMINISTRATION.

17. TOXIC MOULDS: THE CONTRACTOR AND ALL TRADES WORKING ON THIS PROJECT MUST GET FAMILIAR AND STRICTLY FOLLOW THE STANDARD CONSTRUCTION DOCUMENT CCA 84. 2004 "MOULD GUIDELINES FOR THE CONSTRUCTION INDUSTRY". IN ADDITION, THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING PROCEDURES:

17a. THE CONTRACTOR SHALL REMEDY ANY CONDITIONS DURING CONSTRUCTION THAT SHOW THE POTENTIAL FOR TOXIC MOULD. IN THE EVENT WHERE A BUILDING OR ASSEMBLIES ARE LEFT OPEN DURING CONSTRUCTION AND/OR MADE SUSCEPTIBLE TO DRIVEN RAIN WHERE WATER CAN BECOME TRAPPED WITHIN BUILDING MATERIALS, THE CONTRACTOR SHALL REPLACE WETTED MATERIALS AND MAKE SURE ALL OTHER MATERIALS ARE COMPLETELY DRY AND IN SUITABLE CONDITION BEFORE THE BUILDING OR ASSEMBLIES ARE SEALED UP. (i.e. WET EXTERIOR DRYWALL SHEATHING, WET INSULATION, CONSTRUCTION DEBRIS LEFT WITHIN EXTERIOR STUD WALL CAVITY, ETC.)

17b. WHERE ALL OR PART OF AN EXISTING BUILDING IS TO REMAIN, IN A REDEVELOPMENT PROJECT, THE CONTRACTOR SHALL:
a) VACUUM CLEAN THE INTERIOR OF ALL EXISTING DUCTWORK SO AS TO BE FREE FROM DUST AND DEBRIS.
b) REMOVE AND REPLACE ANY BUILDING COMPONENTS/MATERIALS SUSCEPTIBLE TO OR SHOWING SIGNS OF MOULD GROWTH. (i.e. REPLACE WET OR CONTAMINATED MATERIALS SUCH AS: DRYWALL, INSULATION, CEILING TILES, PLASTER, WOOD, ETC.) REMOVAL OF IDENTIFIED TOXIC MOLD SHALL ABIDE WITH LOCAL HEALTH AUTHORITIES AND PROFESSIONAL EXPERTS SKILLED IN HANDLING OF TOXIC SUBSTANCES.

MASONRY (04200)

1. UNLESS OTHERWISE SPECIFIED ELSEWHERE CONCRETE BLOCK SHALL BE AUTOCLAVE OR BUBBLE CURE PROCESS, HIGH PRESSURE STEAM CURED, MODULAR FOR BEDDING LINTELS USE TYPE 'M' MORTAR HAVING COMPRESSIVE STRENGTH OF 2,500 PSI MIN. FOR ALL OTHER MASONRY USE TYPE 'N' MASONRY MORTAR HAVING A COMPRESSIVE STRENGTH OF 750 PSI. WHITE MORTAR: UNLESS OTHERWISE INDICATED ON DRAWINGS, USE WHITE SILICA SAND AND WHITE MASONRY CEMENT TO PRODUCE MORTAR TYPE SPECIFIED. USE WHITE MORTAR FOR ALL EXTERIOR WHITE MASONRY. FOR ALL OTHER EXTERIOR MASONRY, USE COLOURED MORTARS OF THE TYPE COMPATIBLE WITH THE MASONRY UNITS. COLOURS TO MATCH MASONRY, SUBJECT TO CONSULTANT'S SELECTION FROM MOCK-UPS PREPARED BY THE MASONRY CONTRACTOR. JOINTING TO BE CONCAVE WHILE EXPOSED OR WHERE PAINT OR OTHER FINISH COATING IS SPECIFIED. PROVIDE BULLNOSED MASONRY UNITS FOR INTERIOR EXPOSED WALL CORNERS, NOT COVERED BY OTHER MATERIALS, SUCH AS DRYWALL PLYWOOD, ETC. FOR TYPES OF EXTERIOR MASONRY UNITS SEE ARCHITECTURAL DRAWINGS.

2. MASONRY REINFORCEMENT, TIES AND ANCHORS SHALL BE IN ACCORDANCE WITH CONNECTORS FOR MASONRY CAN3-A370-M84. FOR REINFORCEMENT USE "DUR-O-WALL LTD" OR "BLOK-TRUS" MANUFACTURED BY BLOK-LOK LTD. WIRE SHALL BE 9 GAUGE, DEFORMED, HOT DIPPED GALVANIZED AFTER FABRICATION, SIZED 1 5/8 INCH TO 2" NARROWER THAN THE WALL. PROVIDE PREFABRICATED CORNERS AND INTERSECTIONS. CONTINUOUS REINFORCEMENT TO BE PLACED IN EVERY SECOND BLOCK COURSE. PROVIDE EXTRA REINFORCEMENT AND REINFORCING TIES AT OPENINGS. EXTEND EXTRA REINFORCEMENT 2 FEET BEYOND OPENING IN EACH DIRECTION. WHERE BLOCK AND BLOCK FACING (OR BRICK) JOINTS DO NOT LINE UP USE "ADJUSTABLE ECONO-CAVITY LOK 11 BL42" BY BLOK-LOK LTD OR "DUR-O-WALL ADJUSTABLE WALL TIES" RECTANGULAR TYPE BY DUR-O-WALL 3/16" DEFORMED WIRE, GALVANIZED AFTER FABRICATION; SIZED 2" NARROWER THAN WALL.

3. PROVIDE WEEP HOLES AT EVERY SECOND BLOCK or FOURTH BRICK FACING, MINIMUM 2 PER SECTION. "GOODCO" POLYVINYL VENTS T SHAPED, SET IN THE FOLLOWING LOCATIONS: BOTTOM COURSE OF BLOCK or BRICK VENEER THROUGHOUT. TOP COURSE OF BLOCK or BRICK VENEER THROUGHOUT. BLOCK VENEER COURSE RESTING ON LINTELS AND INTERMEDIATE ANGLES.

4. PROVIDE A DAMP COURSE AND THROUGHWALL FLASHING WITH FORMED DRIP AT BOTTOM EDGE, AT ALL LINTELS AND STEEL SUPPORTS. PROVIDE A DAMP COURSE ONLY AT FIRST MASONRY VENEER COURSE ABOVE GRADE LINE. USE 26 GA. SHEET STEEL GALVANIZED FLASHING, ONE PIECE ALONG LENGTH OF OPENING. FOR DAMP COURSE USE : POLYVINYL CHLORIDE (PVC) 20 MIL THICK, F-20 VINYL MEMBRANE BY LEXSUCO OR SEALTIGHT FLEX-GUARD BY W.R.MEADOWS. LAP JOINTS MIN. 6" AND SEAL WITH ADHESIVE.

5. PROVIDE LATERAL SUPPORT AT TOP OF BACKUP WALLS: 4" x 4" x 1/4" STEEL ANGLES 6" LONG EACH SIDE OF WALL WELDED TO STRUCTURAL STEEL @ 2'-6" C/C MAXIMUM, STAGGERED, UNLESS NOTED OTHERWISE. LEAVE TOP OF WALL 1" CLEAR OF STRUCTURE ABOVE. PROVIDE LATERAL SUPPORTS AS PER CODE REQUIREMENTS.

6. PROVIDE VERTICAL THROUGHWALL CONTROL JOINTS 30 FEET C/C MAXIMUM IN CONTINUOUS WALLS HAVING NO OPENINGS, INTESECTIONS OR COLUMNS. LOCATE CONTROL JOINTS AT POINTS OF HIGH STRESS CONCENTRATION AND AT POINTS OF WEAKNESS SUCH AS AT ABRUPT CHANGES IN WORK HEIGHT, WALL THICKNESS CHANGES SUCH AT CHASES AND AT PILASTERS AND MAXIMUM OF 12 FEET FROM CORNERS. CONTROL JOINT FILLER: CONTINUOUS LENGTH OF DUST FREE, ROUND, FLEXIBLE, EXTRUDED POLYOLEFIN FOAM SUCH AS 'SOF ROD' BY TREMCO OR EQUAL.

MISCELLANEOUS METALS (05500)

1. WORK TO BE EXECUTED BY FIRM FULLY CONVERSANT WITH LAWS, BY-LAWS AND REGULATION WHICH GOVERN, AND CAPABLE OF BEST MODERN SHOP WORKMANSHIP AND FIELD PRACTICE. PROVIDE FULLY DETAILED SHOP DRAWINGS, CERTIFIED BY PROFESSIONAL ENGINEER REGISTERED IN PLACE OF WORK. ALL UNCOATED STEEL SPECIFIED TO BE GALVANIZED, SHALL BE GALVANIZED, HOT DIP PROCESS TO CSA STANDARD G164. COATING 2 OZ./SQ.FT. GALVANIZE AFTER ALL WELDING IS COMPLETE. WELDING OF GALVANIZED MATERIAL WILL NOT BE PERMITTED, SPECIALLY TREAT BY PHOSFATE CONVERSION PROCESS READY TO RECEIVE PRIME PAINT FINISH.

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) (07240)

NOTE:
THE DETAILS WITHIN THIS SET OF DRAWINGS ARE BASED ON DRYVIT OUTSULATION MD SYSTEM. THE DUROCK PUCCS SYSTEM IS CONSIDERED APPROVED EQUAL. FOR NOTES AND TYPICAL DUROCK DETAILS SEE DRAWING A11.

PART 1 GENERAL

1.1 RELATED SECTIONS
SECTION 07900 – SEALANTS

1.2 REFERENCED DOCUMENTS
.1 DS107 INSTALLATION DETAILS
DSC131 DRYVIT SPECIFICATION FOR EPS
DSC602 OUTSULATION MD APPLICATION INSTRUCTIONS
DS152 CLEANING AND RECOATING
DS153 EXPANSION JOINTS AND SEALANTS
DS410 COLOR PRIME
DS435 BACKSTOP TM PRODUCT SHEET
.2 NATIONAL BUILDING CODE OF CANADA
  .1 PART 3 SECTIONS:
    3.1.4., 3.1.5., & 3.2.3.
  .2 PART 9 SECTION 9.27
.3 UNDERWRITERS LABORATORIES OF CANADA
  .1 CAN/ULC-S134, S101, S114 – FIRE STANDARDS
  .2 CAN/ULC S716 – EIFS STANDARDS
.4 AMERICAN SOCIETY OF TESTING AND MATERIALS
  .1 ASTM C79, C1117, 84 AND C150

1.3 SYSTEM DESCRIPTION:
DUAL BARRIER, DRAINING SYSTEM
.1 THE DRYVIT OUTSULATION MD SYSTEM IS CONSIDERED A COMBUSTIBLE WALL CLADDING THAT MAY BE USED IN A NON-COMBUSTIBLE CONSTRUCTION AS IT IS DEFINED IN THE NATIONAL BUILDING CODE OF CANADA, PART 3, SECTION 3.1.5. THE OUTSULATION MD SYSTEM MAY ALSO BE USED IN COMBUSTIBLE CONSTRUCTION AS PER SECTION 3.1.4.
.2 THE DRYVIT OUTSULATION MD SYSTEM HAS BEEN EVALUATED BY CCMC AND IS LISTED TO PERFORM AT A LEVEL EQUAL TO OR GREATER THAN THAT REQUIRED BY PART 9, SECTION 9.27. FOR APPLICATION.
NOTE: A SECONDARY MOISTURE BARRIER IS PART OF ALL CCMC EIFS EVALUATIONS AND IS REQUIRED (WHERE A CCMC LISTING OF SYSTEMS AND MATERIALS IS CODE ENFORCED) ON THIS PROJECT.
.3 THE DRYVIT OUTSULATION MD SYSTEM IS A CAVITY WALL CONCEPT, THAT ALLOWS FOR WATER DRAINAGE.

1.4 DESIGN REQUIREMENTS
.1 SUBSTRATE/SUBSTRATE SYSTEMS
  .1 SHALL BE ENGINEERED BY OTHERS
  .2 THE MAXIMUM DEFLECTION UNDER FULL FLEXURAL DESIGN LOADS OF THE SUBSTRATE SHALL NOT EXCEED 1/240 TIMES THE SPAN. THE SUBSTRATE SHALL BE FLAT WITHIN ±1/8" IN A 4' RADIUS.
  .3 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE SUBSTRATE SURFACE IS OF A TYPE AND CONDITION ACCEPTABLE FOR THE PROPOSED SUBSTRATE IS ACCEPTABLE FOR APPLICATION.
  .4 APPLICATION OF OUTSULATION MD SHALL BE TO THE FOLLOWING RECOMMENDED SUBSTRATE:
    .1 PROPIETARY TREATED CORE, FIBRE-FACED GYPSUM SHEATHING MEETING ASTM C1177.
    .2 POURED CONCRETE, CLEAN OF ALL DUST, FORM AGENTS, AND OTHER DELETERIOUS MATERIALS.
    .3 UNIT MASONRY AND VENEER (UNGLAZED) MEETING THE INSPECTION REQUIREMENTS OF A DRYVIT REPRESENTATIVE.
    .4 EXTERIOR CEMENT BD. APPROVED BY DRYVIT.

.2 AIR/MOISTURE BARRIERS
AIR MOISTURE BARRIER OR "SECONDARY BARRIER" IS A DESIGN REQUIREMENT. LINE OF AIR TIGHTNESS IS LOCATED WITHIN THE WALL ASSEMBLY. THIS BARRIER ALSO FUNCTIONS AS THE AIR BARRIER SYSTEM. DRYVIT SECONDARY BARRIERS MEET NBC REQUIREMENT FOR AIR BARRIERS HAVING AN AIR LEAKAGE RATE OF <0.05 L/s.m2 @ 75 Pa.
  .1 BARRIER MATERIALS FOR DRYVIT SYSTEMS.
    .1 BACKSTOP NT, A WATER RESISTANT TYPE III AIR BARRIER MEMBRANE HAVING A WATER VAPOUR PERMEANCE OF 3.0 Ng/Pa.S.M.2, AND TYPE I VAPOUR BARRIER MEMBRANE PROVIDING LESS THAN 15ng/Pa.S.M.2.
    .2 DRYVIT GRID TAPE, DRYVIT FLASHING TAPE AND FLASHING TAPE PRIMER SHALL BE USED IN CONJUNCTION WITH THE AIR BARRIER MATERIALS LISTED ABOVE FOR MAINTAINING BARRIER CONTINUITY THROUGOUT THE WALL SYSTEM WHEN REQUIRED.
    .3 BACKSTOP NT – FOR DENSGLASS GOLD SHEATHING. BACKSTOP NT –FOR PLYWOOD SHEATHING.
    .4 INSTALLATION OF AIR BARRIERS TO PROCEED IMMEDIATELY AFTER INSTALLATION OF SHEATHING.
    .5 SEAL AROUND PROJECTING MASONRY TIES WHERE APPLICABLE.

.3 DETAIL TREATMENT
  .1 THE INSULATION BOARD EDGE SHALL BE COMPLETELY ENCAPSULATED WITH DRYVIT BASE COAT MATERIAL AND MESH AT ALL SYSTEM TERMINATIONS.
  .2 THE LENGTH AND SLOPE OF INCLINED SURFACES SHALL FOLLOW THE GUIDELINES LISTED BELOW:
    .1 MINIMUM SLOPE: 6"(152mm) OF RISE IN 12" (305mm) OF HORIZONTAL PROJECTION.
    .2 MAXIMUM LENGTH OF SLOPE: 10"(254mm)
    .3 OUTSULATION MD SHALL NOT BE USED IN AREAS DEFINED AS ROOFS BY BUILDING CODES.
  .3 GROUND FLOORS AND HIGH TRAFFIC AREAS SHALL BE REINFORCED WITH A DOUBLE LAYER OF RE-INFORCING MESH CONSISTING OF PANZER MESH AS A MINIMUM FIRST LAYER AND STANDARD OR STANDARD PLUS MESH AS THE SECOND LAYER. LOCATION OF HIGH IMPACT AREAS SHALL BE INDICATED AND SPECIFIED ON ALL CONTRACT DRAWINGS.
  .4 CORNERS SHALL BE REINFORCED BY DOUBLE WRAPPING THE REINFORCING MESH OR BY INSTALLING CORNER MESH. REFER TO DRYVIT DETAIL DDS107.
  .5 CORNERS OF OPENINGS SHALL BE REINFORCED USINNG A 9.5" (241mm) WIDE STRIP OF DETAIL MESH LAID AT 45° ANGLE. REFER TO INSTALLATION DRYVIT DETAIL DS107.
  .6 THE INSULATION BOARDS AT CORNERS OF OPENINGS SHALL BE CUT L-SHAPED SO THAT THEIR EDGES DO NOT ALIGN WITH THE CORNER.
  .7 TERMINATION OF THE SYSTEM AT TOPS OF WALLS SHALL BE COVERED WITH A CONTINUOUS METAL CAPPING. REFER TO INSTALLATION DRYVIT DETAIL DS107

.4 SEALANTS/SEALANT SYSTEMS
  .1 DRYVIT MATERIALS SHALL BE COMPLETELY DRY PRIOR TO THE INSTALLATION OF SEALANT (24-48 HOURS MINIMUM DRYING TIME). SEALANT PRIMERS ARE RECOMMENDED FOR SURFACE TREATMENT ON ALL SEALANT APPLICATIONS.
  .2 SEALANTS APPROVED FOR USE WITH THE DRYVIT OUTSULATION MD SYSTEM ARE LISTED IN DS153, EXPANSION JOINTS AND SEALANTS.
  .3 SEALANT SYSTEM: INCLUDES THE SEALANT, CLOSED CELL BACKER ROD OR EQUIVALENT, BOND BREAKER TAPE, PRIMER AND ACCESSORIES WHICH ARE MANUFACTURED BY OTHERS.

.5 EXPANSION JOINTS
  .1 PROVIDE A MINIMUM OF 3/4" (19mm) WIDTH FOR ALL EXPANSION JOINTS.
  .2 CONTINUOUS EXPANSION JOINTS IN OUTSULATION MD SHALL BE INSTALLED AT, BUT NOT LIMITED TO THE FOLLOWING LOCATIONS:
    .1 WHERE EXPANSION JOINTS OCCUR IN THE SUBSTRATE SYSTEM.
    .2 WHERE BUILDING EXPANSION JOINTS EXIST.
    .3 WHEN OUTSULATION MD ABUTS DISSIMILAR MATERIALS.
    .4 AT FLOOR LINES IN WOOD FRAME CONSTRUCTION.
    .5 AT FLOOR LINES WHERE A NESTED STUD ASSEMBLY IS USED.
    .6 WHERE SUBSTRATE SYSTEM MATERIALS CHANGE.
    .7 AT CHANGES IN ROOF LINES, BUILDING SHAPE, OR STRUCTURAL SYSTEM.

1.5 SUBMITTALS
.1 SUBMIT COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
.2 SUBMIT COPY OF MANUFACTURER'S CURRENT ISO 9001 REGISTRATION AND COMPLIANCE.
.3 TRAINED APPLICATOR SHALL SUBMIT TWO 8"x8" (204x204mm) SAMPLE FOR EACH FINISH, COLOUR AND TEXTURE.
.4 IN FABRICATION, THE TRAINED APPLICATOR SHALL SUBMIT COMPLETE SHOP DRAWINGS INCLUDING ERECTION SCHEDULES AND DETAILS.

1.6 QUALITY ASSURANCE
.1 MANUFACTURER
  .1 SYSTEM MANUFACTURER SHALL BE DRYVIT SYSTEMS CANADA.
  .2 BE MEMBER IN GOOD STANDING WITH EIFS COUNCIL OF CANADA AND EIMA.
  .3 TO HAVE CURRENT CCMC LISTING AND LISTING NUMBER ON PRODUCTS SUPPLIED.
  .4 THE INSULATION BOARD MANUFACTURER SHALL BE RECOGNIZED BY DRYVIT SYSTEMS CANADA.
.2 CONTRACTOR
  .1 THE TRAINED APPLICATOR OR PANEL FABRICATOR SHALL BE RECOGNIZED BY DRYVIT SYSTEMS CANADA.
  .2 TO HAVE REQUIRED AMOUNT OF EXPERIENCE ON PROJECTS OF SIMILAR SIZE AND SCOPE. NUMBER ON PRODUCTS SUPPLIED.
  .3 TO EMPLOY NECESSARY AMOUNT OF QUALIFIED PERSONNEL TO COMPLETE PROJECT IN TIMELY MANNER.

1.7 MOCK-UPS
.1 ONCE ACCEPTED MOCK-UP WILL DEMONSTRATE MINIMUM STANDARD FOR ACCEPTABLE WORK. IT IS RECOMMENDED THAT A MOCK-UP BE CONSTRUCTED FOR PROJECTS WHERE THE FOLLOWING NEEDS TO BE ESTABLISHED:
  a) SEQUENCE OF AIR BARRIER SYSTEM INSTALLATION, AND SHOULD SHOW TYPICAL AIR BARRIER CONNECTIONS WHERE DISSIMILAR AIR BARRIER MATERIALS WILL BE USED (e.g. WINDOWS AND THROUGH SYSTEM PENETRATIONS.)
  b) SEQUENCE OF WALL SYSTEM COMPONENTS SUCH AS EIFS SYSTEM, FENESTRATIONS, FLASHINGS, SEALANTS, ETC.

1.8 DELIVERY, STORAGE AND HANDLING
.1 DELIVER ALL MATERIALS IN ORIGINAL, UNOPENED PACKAGES WITH LABELS INTACT.
.2 PROTECT ALL DRYVIT MATERIALS FROM WEATHER AND DIRECT SUNLIGHT.
.3 STORE ALL DRYVIT MATERIALS IN A COOL, DRY LOCATION AT A TEMPERATURE NOT LESS THAN 4°C (40°F)

1.9 PROJECT CONDITION
.1 EXISTING CONDITIONS THE CONTRACTOR SHALL HAVE ACCESS TO ELECTRICAL POWER, CLEAN POTABLE WATER, AND A CLEAN WORK AREA IN IMMEDIATE AREA OF SYSTEM INSTALLATION.
.2 ENVIRONMENTAL CONDITIONS THE AMBIENT AIR AND WALL SURFACE TEMPERATURE SHALL BE A MINIMUM OF 4°C (40°F) DURING AND FOLLOWING INSTALLATION OF DRYVIT MATERIALS FOR A MINIMUM OF 24 HOURS OR UNTIL MATERIALS ARE FULLY DRY.
.3 PROTECTION
  .1 ADJACENT AREAS AND MATERIALS SHALL BE PROTECTED FROM DAMAGE, DROPS, AND SPILLS DURING THE APPLICATION OF THE DRYVIT MATERIALS.
  .2 DRYVIT MATERIALS SHALL BE PROTECTED BY PERMANENT OR TEMPORARY MEANS FROM WEATHER AND OTHER DAMAGE PRIOR TO, DURING AND IMMEDIATELY AFTER APPLICATION. CARE MUST BE TAKEN TO PREVENT CONDENSATION AND/OR HEAT BUILT-UP, WHEN USING A HEATED ENCLOSURE IN INCLEMENT WEATHER.
.4 SEQUENCING AND SCHEDULING
  .1 INSTALLATION OF OUTSULATION MD SHALL BE COORDINATED WITH OTHER CONSTRUCTION TRADES.
  .2 SUFFICIENT PERSONNEL AND EQUIPMENT SHALL BE EMPLOYED TO ENSURE A CONTINUOUS OPERATION FREE OF COLD JOINTS, SCAFFOLD LINES, TEXTURE VARIATIONS, ETC.

1.10 WARRANTY
A. GENERAL CONTRACTOR TO PROVIDE LIMITED MATERIALS TEN YEAR WARRANTY INDICATING THE FOLLOWING:
.1 – PROJECT TITLE
– SYSTEM INSTALLED
– ADDRESS
– SQUARE FOOTAGE
– BUILDING OWNER'S NAME AND ADDRESS
– APPLICATOR'S NAME
– WARRANTY NUMBER
– EFFECTIVE DATE
.2 WITH THE FOLLOWING WORDING:

"DRYVIT SYSTEMS CANADA", HEREINAFTER REFERRED TO AS "DRYVIT" HEREBY WARRANTS THAT THE OUTSULATION PLUS SYSTEM MATERIALS MANUFACTURED AND SOLD BY DRYVIT, INCLUDING THE INSULATION BOARD, FASTENERS BASE COAT MESH AND FINISH SHALL BE FREE FROM DEFECTS IN THE MANUFACTURED OF THE MATERIALS AND WHEN INSTALLED N ACCORDANCE WITH THE CURRENT PUBLISHED DRYVIT SPECIFICATIONS, DETAILS AND APPLICATION INSTRUCTIONS FOR SUCH SYSTEM BY AN APPLICATOR/CONTRACTOR FIRM THAT HAS COMPLETED AN APPROPRIATE DRYVIT SYSTEMS TRAINING PROGRAM, WILL FOR A PERIOD OF TEN (10) YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT EFFECTIVELY DRAIN ANY MOISTURE THAT SHOULD ENTER THE CAVITY BETWEEN THE INSULATION BOARD AND THE REQUIRED WEATHER BARRIER AND WILL NOT, WITHIN A PERIOD OF TEN (10) YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT LOSE THEIR BOND, PEEL, FLAKE OR CHIP. NO SUCH WARRANTIES STATED HEREIN SHALL BE EFFECTIVE UNTIL AND UNLESS THE MATERIALS SUBJECT TO THIS WARRANTY SHALL HAVE BEEN PAID FOR IN FULL.

IT IS SPECIFICALLY UNDERSTOOD AND AGREED THAT NO WARRANTY WHATSOEVER IS MADE WITH RESPECT TO (i) MATERIALS PRODUCED BY OTHER MANUFACTURERS AND NOT BEARING DRYVIT'S NAME OR LOGO WHICH ARE USED IN THE INSTALLATION OF DRYVIT'S MATERIALS HEREUNDER (ii) MATERIALS INCLUDING INSULATION BOARD, PRODUCED BY MANUFACTURERS FOR DRYVIT BUT NOT SPECIFICALLY SOLD BY DRYVIT OR ITS AUTHORIZED DISTRIBUTOR EVEN IF SUCH MATERIALS BEAR DRYVIT'S NAME OR LOGO, NOR (iii) ANY SEALANT MATERIALS.

FURTHER, THIS WARRANTY IS VOID IF THE DRYVIT MATERIALS ARE INTERMIXED WITH OTHER CHEMICALS OR MATERIALS NOT SPECIFICALLY REQUIRED BY DRYVIT'S SPECIFICATIONS OR APPLICATION INSTRUCTIONS.

FURTHER, NO WARRANTY WHATSOEVER IS MADE FOR DAMAGE CAUSED IN WHOLE OR IN PART BY ACTS OF GOD OR NATURAL PHENOMENON, SUCH AS BUT NOT LIMITED TO FALLING OBJECTS, FIRE, EARTHQUAKE. FLOODS, PESTS, CHEMICAL FUMES OR POLLUTANTS IN THE ATMOSPHERE; NOR ARCHITECTURE, ENGINEERING. INSUFFICIENT OR DEFECTIVE WATERPROOFING BETWEEN DRYVIT MATERIALS, OR BETWEEN DRYVIT MATERIALS AND NON-DRYVIT MATERIALS, NOR DEFECTIVE OR IMPROPER WORKMANSHIP BY THE APPLICATOR, NOR OTHER DAMAGE OR INJURY NOT CAUSED BY DEFECTS IN DRYVIT'S MATERIALS AS COVERED UNDER THIS WARRANTY.

THIS CONSTITUTES THE ENTIRE WARRANTY AGREEMENT AND DRYVIT MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED WITH RESPECT TO THE MATERIALS EXCEPT AS EXPRESSLY STATED HEREIN. DRYVIT DOES NOT MAKE ANY WARRANTY OF MERCHANTABILITY WITH RESPECT TO THE MATERIALS DESCRIBED HEREIN OR THE APPLICATION THEREOF AND FURTHER, DRYVIT MAKES NO WARRANTY THAT THE MATERIALS ARE FIT FOR ANY PARTICULAR PURPOSE. DRYVIT WILL BE RESPONSIBLE FOR DAMAGE TO SHEATHING OR FRAMING MEMBERS WHICH IS A RESULT OF A FAILURE OF THE MD SYSTEM TO DRAIN MOISTURE FROM THE CAVITY AS PROVIDED HEREIN. DRYVIT SHALL NOT BE RESPONSIBLE FOR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. THE SOLE RESPONSIBILITY AND LIABILITY OF DRYVIT UNDER THIS WARRANTY SHALL BE TO REPAIR OR REPLACE THE DRYVIT MATERIALS DESCRIBED HEREIN SHOWN TO BE DEFECTIVE DURING THE WARRANTY PERIOD AND, IF NECESSARY TO REPAIR AND/OR REPLACE ANY SHEATHING OR FRAMING MEMBER WHICH IS DAMAGED AS A RESULT OF THE SYSTEM FAILING TO DRAIN MOISTURE FROM THE CAVITY BETWEEN THE INSULATION BOARD AND THE WEATHER BARRIER AS PROVIDED HEREIN. NO OTHER CHARGES OR EXPENSES WILL BE ALLOWED BY DRYVIT.

THIS WARRANTY IS ISSUED TO THE ORIGINAL OWNER OF THE STRUCTURE INTO WHICH DRYVIT'S MATERIALS SHALL HAVE BEEN INCORPORATED, BUT MAY BE TRANSFERRED OR ASSIGNED TO A SUBSEQUENT OWNER OF THE STRUCTURE UPON WRITTEN NOTICE TO DRYVIT AT THE ADDRESS PROVIDED BELOW. SUCH TRANSFER OR ASSIGNMENT SHALL NOT EXTEND THE ORIGINAL TERM OF THIS WARRANTY.

SINCE THE GOODS ARE BUILDING MATERIALS AND ARE NOT INTENDED TO BE SOLD TO A "CONSUMER" EXCEPT AS PART OF REAL ESTATE OR AS A MAJOR ADDITION THERETO, THIS WARRANTY SHALL NOT APPLY TO ANY PARTY CONSTITUTING A "CONSUMER" AS SUCH TERM IS DEFINED BY THE MAGNUSON-MOSS WARRANTY ACT.

THIS WARRANTY SHALL BE INTERPRETED UNDER THE LAWS OF THE PROVINCE WHERE WORK IS BEING COMPLETED.

DRYVIT SHALL NOT HAVE ANY OBLIGATIONS UNDER THIS WARRANTY UNLESS THE OWNER NOTIFIES DRYVIT SYSTEMS CANADA: P.0. BOX 1268; STOUFFVILLE, ONTARIO; L4A 8A2; ATTN: GENERAL MANAGER; IN WRITING, WITHIN THIRTY (30) DAYS OF DISCOVERY OF ALLEGED DEFECTS. DRYVIT SHALL BE ALLOWED A REASONABLE PERIOD OF TIME, AUTHORIZATION TO REMOVE SAMPLES, AND TO PERFORM ANY TESTING DRYVIT DEEMS NECESSARY TO INVESTIGATE AND DETERMINE THE CAUSE OF THE DEFECT. THE OWNER SHALL PROVIDE AND CAUSE ANY TEMPORARY REPAIRS TO BE ACCOMPLISHED IN A TIMELY MANNER TO PREVENT FURTHER DAMAGE TO THE STRUCTURE OR CONTENTS OF THE BUILDING UNTIL THE CAUSE OF THE DEFECT IS DETERMINED AND PERMANENT REPAIR RECOMMENDATIONS MAY BE MADE.

DRYVIT SHALL NOT HAVE ANY OBLIGATIONS HEREUNDER UNLESS THE SYSTEM SHALL HAVE BEEN MAINTAINED BY THE OWNER WITH REASONABLE CARE."

1.11 CERTIFICATION
.1 THE EIFS ASSEMBLY INCLUDING THE AIR BARRIER (MARKED ALSO AS 'STUCCO FINISH') DESIGNED AS DUAL BARRIER DRAINING SYSTEM. IT IS THE RESPONSIBILITY OF DRYVIT SYSTEMS CANADA TO CARRY OUT PERIODIC ON-SITE INSPECTIONS TO ENSURE THAT SYSTEM INSTALLATION COMPLIES AND MEETS THE DESIGN CRITERIA, DRYVIT STANDARDS AND THE PERFORMANCE REQUIREMENTS. FINAL CERTIFICATION TO THIS EFFECT TO BE ISSUED BY DRYVIT AT COMPLETION OF CONSTRUCTION.

PART II PRODUCTS

2.1 GENERAL
.1 ALL COMPONENTS OF THE OUTSULATION MD SYSTEM SHALL BE SUPPLIED BY AND/OR OBTAINED FROM DRYVIT SYSTEM CANADA OR ITS AUTHORIZED DISTRIBUTORS. SUBSTITUTIONS OR ADDITIONS OF MATERIALS OTHER THAN SPECIFIED IS NOT ACCEPTABLE.

2.2 MATERIALS
.1 ADHESIVE MATERIAL
  .1 PRIMUS: A POLYMER BASED MATERIAL USED AS BOTH THE ADHESIVE AND BASE COAT FOR OUTSULATION MD SUPPLIED IN 27.2 KG (60 lb.) PAILS. THE MATERIAL IS MIXED AT A 1:1 RATIO BY WEIGHT WITH FRESH TYPE 10 PORTLAND CEMENT.
.2 SECONDARY BARRIER
  .1 A TYPE III AIR BARRIER AND TYPE I VAPOUR BARRIER, BACKSTOP NT IS A SINGLE COMPONENT, NON-CEMENTITIOUS SYNTHETIC POLYMER BASED MATERIAL.
.3 OUTSULATION MD INSULATION BOARD
  .1 THE OUTSULATION MD INSULATION BOARD SHALL BE AGED, EXPANDED POLYSTYRENE WITH AN AVERAGE NOMINAL DENSITY OF 1.0 P.C.F (16 kg/SM) BUT NOT LESS THAN 0.95 P.C.F. (15 kg/sm) MEETING THE CURRENT PUBLISHED SPECIFICATIONS OF DRYVIT'S PUBLICATION DSC131, AND SHOULD APPLY TO EACH AND EVERY BOARD SUPPLIED, NOT AS AN AVERAGE.
  .2 THE OUTSULATION MD INSULATION BOARD SHALL MEASURE A MINIMUM OF 24" (610mm) BY 48" (1220 mm), MINIMUM THICKNESS OF 1" (25mm).
.4 DRYVIT REINFORCING MESH
  .1 STANDARD MESH: SHALL WEIGH A MINIMUM OF 4.5 oz/sq/yd (154 (g/sq.m.) AND HAVE A MINIMUM TENSILE STRENGTH OF 200 lb/in (890 N/2.54cm) WEFT.
  .2 PANZER 15 MESH: A TREATED GLASS FIBRE MESH THAT MUST WEIGHT A MIN. OF 15 oz/sq.yd (509 g/sq.m) AND HAVE A MINIMUM TENSILE STRENGTH OF 700 lbs/in (1226 N/cm) OF WIDTH. NOTE: WHEN PANZER 15 MESH IS USED, A LAYER OF STANDARD MESH MUST BE INSTALLED OVER THE PANZER 15.
  .3 CORNER MESH: A TREATED, GLASS FIBRE MESH THAT MUST WEIGHT A MINIMUM OF 9.5 oz/sq.yd (320 kg/sq.m) AND HAVE A MINIMUM TENSILE STRENGTH OF 290 lbs/in (508 N/cm) OF WIDTH.
  .4 DETAIL MESH: SHALL WEIGH A MINIMUM OF 4.5 oz/sq.yd. (152 g/sq.m.) AND HAVE A MINIMUM TENSILE STRENGTH OF 185 lb/IN (325 N/cm) OF WIDTH.
.5 BASE COATING MATERIAL
  .1 PRIMUS: A POLYMER BASED MATERIAL USED AS BOTH THE ADHESIVE AND BASE COAT FOR OUTSULATION SUPPLIED IN 27.2 KG (60 lb.) PAILS. THE MATERIAL IS MIXED AT A 1:1 RATIO BY WEIGHT WITH FRESH TYPE 10 PORTLAND CEMENT.
.6 TEXTURED FINISH
  .1 100% ACRYLIC FINISHES WITH QUARTZ AGGREGATE, & DIRT PICK-UP RESISTANT TECHNOLOGY.
    .1 QUARTZPUTS – CREATES A "RILLED" OR "SCRATCHED" PATTERN IN RANDOM OR REGULAR TEXTURE.
    .2 SANDBLAST – A FINE POSITIVE "SAND" STYLE TEXTURE
    .3 SANDPEBBLE – A DEEPER TEXTURED SAND STYLE FINISH
    .4 SANDPEBBLE FINE – A FINE VERSION OF THE SANDPEBBLE TEXTURE.
    .5 CUSTOM BRICK TEXTURE. NOTE: SOME COLOURS MAY REQUIRE THE USE OF DRYVIT COLOR PRIME.
.7 PRIMERS
  .1 COLOR PRIME: A WATER-BASED PIGMENTED ACRYLIC PRIMER.

2.3 EQUIPMENTS
.1 ALL MIXING SHALL BE DONE WITH A CLEAN GOLDBLATT JIFFLER MIXER NO. 15311H7 OR EQUIVALENT, POWERED BY A 1/2" (13mm) DRILL OR EQUIVALENT AT 400-500 RPM.
.2 A HIGH-SPEED WOOD ROUTER WITH PROPER A HOT KNIFE, OR HOT GROOVER.
.3 HAND OR POWER TOOLS ASSOCIATED WITH THE EIFS PLASTERING TRADE.

PART III EXECUTION

3.1 INSPECTION
.1 PRIOR TO APPLICATION OF OUTSULATION MD, THE SUBSTRATE SHALL BE EXAMINED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS AND DRYVIT SYSTEMS CANADA SYSTEM SPECIFICATIONS (THIS DOCUMENT.) THE GENERAL CONTRACTOR AND ARCHITECT SHALL BE ADVISED OF ALL DICREPANCIES. WORK SHALL NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED.

3.2 SYSTEM INSTALLATION
.1 REFER TO DSC602 (INSTALLATION INSTRUCTIONS)
.2 INSTALLATION OF INSULATION BOARD
  .1 ADHESIVE SHALL BE APPLIED VERICALLY TO THE INSULATION BOARD USING A NOTCHED TROWEL FORMING RIBBONS OF NOT LESS THAN 1/2" (12.5mm) HIGH, 1/2" (12.5mm) WIDE, SPACED CONSISTENTLY 2" (50mm). RIBBONS SHALL BE ALIGNED VERTICALLY TO ALLOW FOR CONTINUOUS AIR SPACE/DRAINAGE BETWEEN RIBBONS FROM TOP TO BOTTOM OF EPS INSULATED AREA. FOLLOWING ADHESIVE APPLICATION, BOARD SHALL IMMEDIATELY BE INSTALLED. NO ADHESIVE IS TO BE USED BETWEEN BOARD JOINTS AT ANY LOCATION
  .2 THE INSULATION BOARD SHALL BE APPLIED TO THE SUBSTRATE STARTING FROM THE BASE OF THE WALL WITH ITS LONG EDGE ORIENTED HORIZONTALLY, BEGINNING IN THE FIELD OF THE WALL AND WORKING OUTWARD TO OUTSIDE CORNERS. INSULATION BOARD JOINTS SHALL BE OFFSET FROM SHEATHING BOARD JOINTS A MINIMUM OF 8" (200 mm).
  .3 THE INSULATION BOARD SHALL BE APPLIED TO THE SUBSTRATE IN A RUNNING BOND PATTERN WITH OFFSET VERTICAL JOINTS.
  .4 CORNERS REQUIRE THE INSULATION BOARDS TO BE STAGGERED AND INTERLOCKED. REFER TO INSTALLATION DETAILS AND INSTRUCTIONS (DS107 AND DSC602 RESPECTIVELY)
  .5 INSULATION BOARDS SHALL BE PRE-CUT TO FIT OPENINGS, CORNERS OR PROJECTIONS. BOARD JOINTS SHALL NOT COINCIDE WITH CORNERS OF WALL OPENINGS SUCH AS WINDOWS.
.3 BASE COAT, REINFORCING MESH
  .1 BASE COAT AND REINFORCING MESH SHALL BE APPLIED TO A MINIMUM DRY FILM THICKNESS OF 2.0 mm.
  .2 JOINTS IN STANDARD MESHES SHALL BE OVERLAPPED, BUT MUST BE FOLLOWED BY APPLICATION OF STANDARD MESH.
  .3 NO MESH COLOUR SHALL BE VISIBLE THROUGH BASE COAT APPLICATION. SLIGHT MESH PATTERN READ THROUGH IS PERMISSIBLE PROVIDED MINIMUM REQUIRED THICKNESS IS MAINTAINED.
.4 FINISH COAT APPLICATION
  .1 FINISH SHALL BE APPLIED IN A SEAMLESS AND AND CONTINUOUS METHOD UNTIL A NATURAL BREAK IN THE WALL IS REACHED.
  .2 APPLICATION IN DIRECT SUNLIGHT IS TO BE AVOIDED.
  .3 IF COLORPRIME IS REQUIRED IS TO BE APPLIED AND ALLOWED TO FULLY DRY PRIOR TO THE APPLICATION OF REQUIRED FINISH.
  .4 APPLICATION OF FINISH SHOULD NOT PROCEED UNTIL ALL OTHER REQUIREMENTS OF THE DOCUMENT ARE AGREED TO BE SATISFACTORY.

3.3 PROTECTION
.1 ADJACENT MATERIALS AND THE OUTSULATION MD SHALL BE PROTECTED FROM THE WEATHER AND OTHER DAMAGE DURING INSTALLATION AND WHILE CURING.

SEALANTS (07900)

1. PRIOR TO ANY SEALANTS' APPLICATION, THE MANUFACTURER OF EACH MATERIAL SHALL VISIT THE SITE, EXAMINE THE CONDITIONS AT EACH JOINT TO BE SEALED AND RECOMMEND IN WRITING RE: JOINT PREPARATION, SUITABLE MATERIALS AND APPLICATION TECHNIQUES. COPIES OF THE RECOMMENDATIONS TO BE SUBMITTED TO CONTRACTOR, OWNER AND CONSULTANT. COLOURS TO BE SELECTED BY CONSULTANT FROM MANUFACTURERS' STANDARD RANGE.

2. APPLY SEALANTS IN THE FOLLOWING LOCATIONS:
  A. JOINTS BETWEEN INTERIOR OR EXTERIOR METAL DOOR FRAMES AND MASONRY AND DRYWALL.
  B. MASONRY OR CONCRETE CONTROL AND EXPANSION JOINTS AND ALL OTHER LOCATIONS WHERE GAPS EXIST BETWEEN TWO DISSIMILAR MATERIALS AND WHERE REQUIRED TO COMPLETE THE BUILDING AIR/VAPOUR SEAL NOT COVERED IN OTHER TRADE SECTIONS.
  C. JOINTS BETWEEN WALLS AND SERVICE SINKS, WC, URINALS, VANITIES, BASINS, DRINKING FOUNTAINS, ETC. WHERE NON-STAINING, SILICONE BASE SEALANT IS REQUIRED.
  D. JOINTS BETWEEN ROOF DECK FLUTES AND TOP OF RATED DRYWALL PARTITIONS, AS REQUIRED BY ULC DESIGN AND THE AUTHORITIES HAVING JURISDICTION.

STEEL DOORS AND FRAMES (08110)

1. ALL DOORS AND FRAMES TO BE OF COMMERCIAL QUALITY, ROLLED SHEET STEEL, 16 GA. (0.0598") WIPE COAT GALVANIZED WITH MIN. ZINC COATING OF 0.25 OZ./SQ.FT. AND PAINTED. PROVIDE PROPER REINFORCEMENTS FOR LOCK & STRIKE, HINGES, FLUSH BOLTS AND DOOR CLOSERS OR HOLDERS.

2. MATERIALS FOR FIRE RATED DOORS SHALL CONFORM TO ULC OR ULI REQUIREMENTS. CONSTRUCT DOOR FRAMES OF LABELLED FIRE DOORS AS APPROVED BY ULC OR ULI. RATING FOR FRAMES SHALL MATCH DOORS. LOCATE LABEL ON THE FRAME JAMB SO IT IS CONCEALED WHEN THE DOOR IS CLOSED.

3. FRAMES TO BE FITTED WITH STIFFENER PLATES OR SPREADERS TO PREVENT BENDING. USE ONE ANCHOR EVERY TWO FEET OF JAMB LENGTH. PUNCH FRAMES AND PROVIDE 3 RUBBER BUMPERS PER DOOR. FILL EXTERIOR DOOR FRAMES WITH LOOSE BATT INSULATION.

4. HOLLOW METAL DOORS TO BE 1 3/4" THICK WITH A SMALL CELL HONEYCOMB CORE FOR INTERIOR DOORS AND POLYURETHANE FOAM CORE FOR EXTERIOR DOORS.

5. ALL DOORS AND FRAMES TO BE FACTORY PRIMED WITH PRIMER FOR GALVANIZED STEEL SHEET. APPLY AT FACTORY, TOUCH UP PRIMER WHERE COATING HAS BEEN REMOVED DURING FABRICATION.

ALUMINUM DOORS, FRAMES AND SCREENS (08120)

MIN. REQUIREMENTS, REFER TO DRAWINGS FOR MORE INFORMATION.

1. FRAMES AND DOORS IN EXTERIOR WALLS ARE TO ACCOMMODATE EXPANSION AND CONTRACTION WITHIN SERVICE TEMPERATURE RANGE OF -35 TO 75 DEG. C. MAXIMUM DEFLECTION OF MULLIONS TO BE L/175 OF CLEAR SPAN WHEN TESTED UNDER WIND LOAD OF 1.2 KPA.,TO ASTM E330-84. SUBMIT TEST PERFORMANCE CERTIFICATE WITH THE SHOP DRAWINGS. PROVIDE FULLY DETAILED SHOP DRAWINGS CERTIFIED AND SEALED BY A PROFESSIONAL ENGINEER LICENCED AND REGISTERED IN THE PLACE OF WORK.

2. UNLESS OTHERWISE INDICATED ON DRAWINGS, ALL EXPOSED SURFACES OF ALUMINUM COMPONENTS TO BE FINISHED CLEAR ANODIZED IN ACCORDANCE WITH ALUMINUM ASSOCIATION DESIGNATION SYSTEM FOR ALUMINUM FINISHES, INCLUDING APPEARANCE AND PROPERTIES.

3. WARRANTY
  .1 CONTRACTOR SHALL WARRANT ALL ALUMINUM WINDOWS AGAINST LEAKAGE, DEFECTS AND MALFUNCTION UNDER NORMAL USAGE IN ACCORDANCE WITH CG24, BUT FOR FIVE YEARS.
  .2 FURNISH A WRITTEN GUARANTEE IN REGARD TO THE COMPATIBILITY OF THE GLAZING SEALANTS, TAPES AND OTHER COMPONENTS TO BE USED WITH THE INSULATING GLASS UNITS, WHERE DETERIORATION OR OTHER DAMAGE WOULD OCCUR TO THE EXPOSED EDGE OF GLASS AS A RESULT OF CONTACT THEREWITH.
  .3 AUTOMATIC DOOR OPERATORS TO BE SUPPLIED WITH TWO-YEAR MANUFACTURER'S WARRANTY.

4. QUALITY ASSURANCE
  .1 FIELD MEASUREMENTS: WHENEVER POSSIBLE, TAKE FIELD MEASUREMENTS PRIOR TO PREPARATION OF SHOP DRAWINGS AND FABRICATION, TO ENSURE PROPER FITTING OF THE WORK.
  .2 PERFORMANCE QUALITIES: ALUMINUM WINDOWS SHALL BE CERTIFIED TO CONFORM TO THE FOLLOWING PERFORMANCE TESTS:
    .1 AIR INFILTRATION FOR STRIP WINDOWS SHALL NOT EXCEED .10 cfm PER FOOT UNDER STATIC PRESSURE DROP OF 6.24 psf, (EQUIVALENT TO 50 mph WIND VELOCITY) WHEN TESTED IN ACCORDANCE WITH ASTM 283, OR LATEST EDITION.
    .2 WATER RESISTANCE: NO LEAKAGE WHEN THE WINDOW UNIT IS SUBJECT TO A PRESSURE DROP OF 6.24 psf, WHEN TESTED IN ACCORDANCE WITH ASTM E331-00, OR LATEST EDITION.
    .3 WINDOW UNITS SHALL BE OF "THERMAL-BREAK" CONSTRUCTION AND SHALL HAVE BEEN TESTED FOR THERMAL PERFORMANCE (AAMA 1502) SHOWING A CONDENSATION RESISTANCE FACTOR (CRF) OF AT LEAST 45.
  .3 DESIGN CRITERIA: DRAWINGS ARE BASED ON SPECIFIC TYPE AND MODEL ALUMINUM WINDOW BY A SINGLE MANUFACTURER. EQUIVALENT TYPE WINDOWS BY OTHER MANUFACTURERS MAY BE ACCEPTABLE, PROVIDED DEVIATIONS IN PROFILE ARE MINOR AND DO NOT MATERIALLY DETRACT FROM DESIGN CONCEPT OR INTENDED PERFORMANCES, AS JUDGED SOLELY BY THE ARCHITECT. ALL ALTERNATIVES MUST BE ACCEPTED BY THE ARCHITECT.
  .4 CONTRACTOR TO PROVIDE WATER TEST TO THE SATISFACTION OF THE OWNER AND ARCHITECT PROVING THAT WINDOWS AND DOORS DO NOT LEAK.

INSULATED STEEL SECTIONAL SERVICE DOOR-LOADING (08346)

.1 REFER TO 05500 MISCELLANEOUS METALS

.2 DESIGN SECTIONAL DOOR AND ASSEMBLY TO WITHSTAND WIND LOAD OF 960 Pa. WITHIN DOOR OPENING AREA.

.3 SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH SUBMITTALS. INDICATE ARRANGEMENT OF HARDWARE AND REQUIRED CLEARANCES.

.4 PROVIDE DATA FOR MAINTENANCE OF SECTIONAL STEEL DOORS AND HARDWARE FOR INCORPORATION INTO MAINTENANCE MANUAL SPECIFIED IN SUBMITTALS

DOORS
.1 INSULATED SECTIONAL STEEL SERVICE DOORS SHALL BE WAYNE DALTON THERMOSPAN 200 OVERHEAD DOOR OR APPROVED ALTERNATE.
.2 SECTIONS SHALL BE ROLL FORMED 24 GA. CONTINUOUS STEEL COIL WHICH IS 1.25 oz. (G90) HOT-DIPPED GALVANIZED, ACID TREATED AND PRE-PAINTED WITH BAKED ON POLYESTER PRIMER AND POLYESTER FINISH COAT.
.3 BOTTOM SECTION SHALL HAVE EDPM RUBBER ASTRAGAL, HELD BY A CONTINUOUS ROLL-FORMED 16 GA. HOT-DIPPED GALVANIZED STEP RAIL. INSTALLATION TO BE COMPLETE WITH RUBBER HEAD SEAL ON TOP SECTION AND JOINT SEAL.
.4 INSIDE CURTAIN TO BE PRE-FINISHED STEEL SELF-LOCKING PANELS ENCASING INSULATION CORE.
.5 EACH DOOR SHALL HAVE ONE DOUBLE GLAZED, 6"x18", 1/8" THICK TINTED ACRYLIC SHEET VISION PANEL SET IN MOULDED GASKETS.
.6 LOCKING DEVICES SHALL ENGAGE VERTICAL TRACKS WITH SLIDE BOLTS ON BOTH SIDES.
.7 SPRINGS SHALL BE LOW-STRESS, OIL TEMPERED, HELICAL-WOUND, TORSION TYPE ON CONTINUOUS STEEL SHAFT, SOLID CRS OR TUBULAR STEEL, AS REQUIRED. HARDWARE SHALL INCLUDE DIE CAST, HIGH STRENGTH ALUMINUM DRUMS, 7-STRAND PREFORMED GALVANIZED STEEL AIRCRAFT CABLE AND SHALL PROVIDE 5:1 (min.) SAFETY FACTOR.

OPERATION
.1 OPERATION SHALL BE HIGH LIFT, MANUAL OPERATION.
.2 EQUIP DOOR FOR OPERATION BY:
  .1 HAND, INSTALL TWO LIFT HANDLES AT DOOR BOTTOM ON INSIDE FACE OF DOOR.
  .2 CHAIN OPERATOR WITH CONTINUOUS HAND CHAIN WITH GEAR REDUCTION.
.3 INSTALL DOORS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
.4 ADJUST DOOR-OPERATING COMPONENTS TO ENSURE SMOOTH OPENING AND CLOSING OF DOOR.

FINISH HARDWARE (08700)

6. PROVIDE A COMPLETE, COMMERCIAL QUALITY HARDWARE FOR ALL ALUMINUM AND H.M. DOORS AS INDICATED ON DRAWINGS. SUBMIT A COMPLETE FINISH HARDWARE SCHEDULE FOR CONSULTANT'S APPROVAL, PRIOR TO ORDERING COMPONENTS. ALL HARDWARE FINISH TO BE STAINLESS STEEL AND CLASSIFIED AS 'EXTRA HEAVY DUTY' FOR COMMERCIAL USE.

7. KEYING SYSTEMS TO BE COORDINATED TO SUIT THE REQUIREMENTS OF THE TENANT.

8. ALUMINUM THRESHOLDS AT EXTERIOR DOORS TO EXTENT TO THE EDGE OF CONCRETE FOUNDATION WALL, TO BE EXTRUDED ALUMINUM, SLOPPING BOTH SIDES. THRESHOLDS TO BE SET ON A MASTIC BED AND BE ANCHORED WITH COUNTER-SUNK SCREWS INTO CONCRETE.

9. PROVIDE CONTINUOUS ADJUSTABLE WEATHER-STRIPPING AT HEAD AND JAMBS OF EACH EXTERIOR H.M. DOOR.

10. PROVIDE 3 RUBBER BUMPERS AND 1.5 PAIRS OF HINGES FOR EACH H.M. DOOR.

GENERAL CONSTRUCTOR (GC) REQUIREMENTS BEFORE A TENDER IS AWARDED:

1. FILE A NOTICE OF PROJECT WITH THE MINISTRY OF LABOUR (MOL) AS THE GENERAL CONSTRUCTOR (GC) FOR THE CONSTRUCTION PROJECT;
2. OBSERVE AND ENFORCE ALL CONSTRUCTION HEALTH AND SAFETY MEASURES AS PER THE OCCUPATIONAL HEALTH & SAFETY ACT(S) AND THE REGULATIONS FOR CONSTRUCTION PROJECTS, ALSO THE MINISTRY OF LABOUR (MOL) AND MINISTRY OF THE ENVIRONMENT REGULATIONS;
3. PROVIDE THE OWNER WITH COPIES OF NEER/CAD7 RATES, SAFETY RECORDS, AND WSIB REGISTRATION NUMBER;
4. HIRE/USE COMPETENT SUPERVISORS AS STATED UNDER THE OH&SA(S), THAT MUST SUBMIT TO HEALTH & SAFETY TRAINING WHEN REQUIRED;
5. BE RESPONSIBLE AND IN CONTROL OF THE CONSTRUCTION PROJECT AT ALL TIMES INCLUDING THE HEALTH AND SAFETY OF ALL WORKERS;
6. PROPERLY FENCE THE CONSTRUCTION PROJECT;
7. POST PROPER SIGNAGE IN AND AROUND THE CONSTRUCTION PROJECT;
8. PROVIDE THE OWNER WITH AN UPDATED COPY OF ITS HEALTH AND SAFETY POLICY STATEMENT;
9. PROVIDE THE OWNER WITH A COPY OF THE GENERAL CONSTRUCTOR'S HEALTH AND SAFETY PROGRAM, INCLUDING PROPER PROCEDURES TO IMPLEMENT AND ENFORCE THE REQUIRED HEALTH & SAFETY STANDARDS.

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MaryBROWN'S CHICKEN™

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

GENERAL NOTES & SPEC.
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A1.0

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.

DO NOT SCALE DRAWINGS.

GENERAL NOTES

GYPSUM WALLBOARD (09250)

1. FINISHED GYPSUM WALLBOARD SURFACES SHALL BE TRUE PLANES WITHIN 1/8" OF A 12 FOOT STRAIGHT EDGE PLACED ANYWHERE ON THE SURFACE. ALL SURFACES SHALL BE FREE OF WAVES AND IRREGULARITIES, VERTICAL SURFACES SHALL BE TRUE TO LINE, HORIZONTAL SURFACES SHALL BE LEVEL. CONFORM TO CURRENT C.S.A. STANDARDS A.82.30 AND A.82.31 UNLESS OTHERWISE NOTED. CONFORM TO REQUIREMENTS OF ALL U.L.C. OR U.L.I. TIME RATED ASSEMBLY TEST DESIGNS SPECIFIED FOR FIRE RATED ASSEMBLIES. SUBMIT SHOP DRAWINGS AS REQUIRED.

2. BRACE OR REINFORCE STUDS AS REQUIRED DUE TO HEIGHT. PROVIDE HORIZONTAL BRACING AT 5 FEET O.C. FOR HEIGHTS OVER 8 FEET. PROVIDE DOUBLE STUDS AT EACH SIDE OF DOOR FRAMES. PROVIDE HORIZONTAL RUNNER, CUT TO LENGTH, OVER DOOR FRAMES. INSTALL H.M. FRAMES WHERE THEY OCCUR IN GYPSUM WALLBOARD PARTITIONS.

3. WHERE SOUND RESISTANT WALLS ARE INDICATED, STEEL STUD RUNNER CHANNELS AT WALLS, FLOOR, CEILING AND U/S OF ROOF DECK, SHALL BE SET IN DOUBLE RIBBON OF ACOUSTICAL SEALANT TO PREVENT PASSAGE OF SOUND. PROVIDE SOUND SEAL IN ALL LOCATIONS WHERE MEMBERS, PIPES, DUCTS, ETC. PENETRATE ACOUSTIC PARTITIONS. DO NOT LOCATE OUTLET BOXES BACK TO BACK. SEAL BOXES AND JUNCTURE OF BOX AND WALLBOARD MEMBRANES.

4. PROVIDE CONTROL JOINTS (CGC No. 093) WHERE: CEILING ABUTS A DISSIMILAR ELEMENT; CONSTRUCTION CHANGES WALL OR WITHIN THE PLANE OF THE PARTITION OR CEILING; PARTITION OR FURRING RUN EXCEEDS 30 FEET; CEILING DIMENSIONS EXCEEDS 50 FEET IN EITHER DIRECTION; WINGS OF "L", "U", AND "T" SHAPED CEILING AREAS ARE JOINED AND ELSEWHERE AS REQUIRED AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PROVIDE LAYOUT FOR ARCHITECT'S APPROVAL, PRIOR TO ERECTION.

5. CEILINGS, EXTERIOR SOFFITS AND BULKHEADS: SUSPENSION SYSTEM TO SUPPORT ASSEMBLIES, WITH MAX. DEFLECTION OF L/360, L BEING SPAN BETWEEN SUPPORTS. HANGERS FOR SUSPENDED CEILINGS SHALL SUPPORT GRILLAGE INDEPENDENT OF WALLS, COLUMNS, PIPES AND DUCTS. SPACE HANGERS AT MAX. 4 FEET O.C., PROVIDE ADDITIONAL HANGERS AS REQUIRED TO SUPPORT WEIGHT OF LIGHTING FIXTURES, DIFFUSERS, GRILLES AND OTHER BUILT IN ITEMS OCCURING IN CEILINGS. COOPERATE CLOSELY WITH OTHER TRADES SO THAT SUCH ITEMS AS DIFFUSERS, GRILLES, LIGHT FIXTURES, ACCESS PANELS, SPEAKERS, ETC. MAY BE PROPERLY RELATED TO THE CEILING SYSTEM AS SHOWN AND, WHERE NOT SHOWN, TO CONSULTANT'S APPROVAL.

6. SUSPEND CEILINGS DIRECTLY FROM STRUCTURAL MEMBERS OR CARRYING CHANNELS SUPPORTED FROM STRUCTURAL MEMBERS, DO NOT FASTEN HANGERS TO STEEL DECK. WHERE DUCTWORK PIPING OR OTHER EQUIPMENT INTERFERS WITH INSTALLATION OF CEILING FROM THE STRUCTURE, OR WHERE HANGER SPACING MUST EXCEED 4 FEET, INSTALL ADDITIONAL FRAMING SECURELY FASTENED TO THE MAIN STRUCTURE TO SUIT PROPER HANGING OF CEILING.

7. WHERE INDICATED ON DRAWINGS, EXTERIOR SKIN OF THE BUILDING SHALL BE MASONRY VENEER AND/OR EIFS WITH A STEEL STUD BACKUP. THE 8" EXTERIOR DESIGNED STUD SYSTEM SHALL BE AND FABRICATED BY A FULLY EXPERIENCED AND RECOGNIZED MANUFACTURER OF STRUCTURAL STEEL STUDS. SUBMIT REFERENCES INDICATING HISTORY OF WORK OF THIS TYPE AND EVIDENCE OF CERTIFICATION. VERIFY WITH SUBMISSION OF SHOP DRAWINGS THAT ALL COMPONENTS, ANCHORS, SUPPORTS AND REINFORCING WILL SAFELY SUPPORT SUPERIMPOSED LOADS WITHOUT REACTION DETRIMENTAL TO FUNCTION, APPEARANCE OR SAFETY. SHOP DRAWINGS SHALL SHOW COMPLETE CONNECTION, BRACING AND INSERT DETAILS. COORDINATE WITH OTHER TRADES AND PROVIDE PERTINENT DETAILED INFORMATION TO THEIR REQUIREMENTS ON SHOP DRAWINGS, SO CONNECTION MATERIAL AND BACK-UP MATERIAL CAN BE READILY ERECTED IN ON LOCATION. SHOP DRAWINGS MUST BE PREPARED BY A QUALIFIED DRAFTSMAN, CHECKED BY AND BEARING SEAL OF AN P.ENG. PRACTICING IN THE PLACE OF WORK. ENGINEERS CALCULATIONS AND SHOP DRAWINGS MUST BE BASED ON SPECIFIED PRODUCTS. ENGINEERED DATA ON ALTERNATIVE SYSTEMS WILL BE SUBJECT TO CONSULTANT'S APPROVAL. THE ABOVE NOTED P. ENG TO PROVIDE WRITTEN CONFIRMATION THAT THE SYSTEM WAS CONSTRUCTED IN ACCORDANCE WITH THE SUBMITTED SHOP DRAWINGS.

8. METAL STUDS AND RUNNERS FOR EXTERIOR MASONRY VENEER WALLS SHALL BE 8 INCHES, WITH GAUGE DESIGNED TO MEET LOADING REQUIREMENTS AND TO MEET LIMITS OUTLINED HEREIN. STUDS SHALL BE GALVANIZED STEEL, WITH RUNNERS TO MATCH STUD STYLE. RUNNERS SHALL HAVE LONGER LEGS WHERE REQUIRED TO COMPENSATE FOR DEFLECTION OF STRUCTURE ABOVE. STUDS SHALL BE BAILEY METAL PRODUCTS LIMITED OR APPROVED EQUAL. DEFLECTION LIMIT OF STRUCTURAL STUD SYSTEM SHALL NOT EXCEED 1/720 TH OF STUD SPAN. STRUCTURAL PROPERTIES SHALL BE IN ACCORDANCE WITH CSA S136 COLD FORMED STEEL STRUCTURAL MEMBERS WORKING STRESS DESIGN. ASSEMBLY DESIGN TO BE ACCORDING TO THE STANDARDS OF CANADIAN SHEET STEEL BUILDING INSTITUTE.

9. UNLESS OTHERWISE INDICATED, EXTERIOR WALLS SHALL CONSIST OF A MASONRY VENEER, AIR SPACE, TYVEK COMMERCIALWRAP AIR BARRIER (UNLESS INDICATED OTHERWISE) MECHANICALLY FASTENED TO EACH STUD WITH GALVANIZED OR PLASTIC WASHER AND SCREW AND LAPPED TO FORM A SHINGLING EFFECT FOR WATER RUNOFF, ON 1/2 INCH EXTERIOR SHEATHING BOARD, 8 INCH GALVANIZED STEEL STUDS, 8 INCH BATT INSULATION, 6 MIL. POLY VAPOUR BARRIER AND 5/8" DRYWALL. TAPE JOINTS, (FULL HEIGHT) SEAL AT HEAD AND SILL AND AROUND ALL PROJECTIONS, AND PAINT INTERIOR SURFACE AS INDICATED.

10. ADJUSTABLE VENEER ANCHORS AND TIES SHALL BE STUD-KLAMP TYPE 'L' WITH FLEX-O-LOK BLT9 TIE ALL HOT DIP GALVANIZED AFTER FABRICATION, BY BLOK-LOK LIMITED. ANCHORS TO BE MECHANICALLY FASTENED TO STUDS (24" VERT. X 16" HORIZ.) FROM INTERIOR SIDE OF WALL. APPLY A 3M ADHESIVE TAPE AT ALL JOINTS AROUND EACH ANCHOR AFTER INSTALLATION OF TYVEK OR OTHER SPECIFIED AIR BARRIER TO AVOID MIGRATION OF WATER FROM THE ANCHOR TO THE WALLBOARD SHEATHING. PLEASE NOTE THAT THE INSTALLATION OF THE AIR BARRIER MUST BE CARRIED OUT IMMEDIATELY FOLLOWING THE SHEATHING INSTALLATION AND INSTALLATION OF TYVEK SHALL BE DONE BY THE SAME CONTRACTOR. INSTALLATION OF TYVEK AIR BARRIER BY SECTION 4200 AT THE TIME OF MASONRY INSTALLATION, WILL NOT BE ACCEPTED. TYVEK OR OTHER SPECIFIED AIR BARRIER ACTS AS A TEMPORARY PROTECTION OF THE DRYWALL SHEATHING AGAINST WETTING AND ANY RAIN WATER DAMAGE.

11. PROVIDE DAMPPROOF COURSE TO UNDERSIDE OF FLOOR TRACKS.

12. MAINTAIN THE STRUCTURAL INTEGRITY AND THE CONTINUITY OF THE STRUCTURAL STUDS SYSTEMS IN ALL AREAS WHERE BULDING CROSS-BRACING IS INSTALLED. PROVIDE SHOP DRAWING DETAIL SHOWING STUDS' INSTALLATION RELATIVE TO THE CROSS BRACING MEMBERS.

13. INSTALLATION OF THE TYVEK AIR BARRIER TO BE CARRIED OUT IN STRICT ACCORDANCE WITH DUPONT TYVEK HOMEWRAP AIR BARRIER GUIDELINES TO ENSURE AIR TIGHTNESS. SECURE THE MEMBRANE, OVERLAP ALL JOINTS, SEAL AND TAPE JOINTS AND SEAMS USING PRODUCTS AND MATERIALS SUITABLE FOR THOSE APPLICATIONS.

14. MAINTAIN THE CONTINUITY OF THE VAPOUR BARRIER. OVERLAP ALL JOINTS AND SEAL WITH A SUITABLE ADHESIVE TAPE. PROVIDE A NON- COMBUSTIBLE COVER/FINISH TO ALL EXPOSED POLYETHELINE VAPOUR BARRIER SURFACES.

PAINTING (9900)

WHERE INDICATED

1. EXAMINE SURFACES TO RECEIVE PAINT AND REPORT TO CONSULTANT ANY DEFICIENCY WHICH WILL DETRACT FROM A PERFECT INSTALLATION. COMMENCEMENT OF WORK SHALL IMPLY ACCEPTANCE OF CONDITIONS AND NO AFTER CLAIM FOR EXTRA WORK WILL BE CONSIDERED.

2. REMOVE ELECTRICAL PLATES, SURFACE HARDWARE, ETC. BEFORE PAINTING. STORE THESE ITEMS AND REPLACE WHEN WORK IN THE AREA IS COMPLETE.

3. UNLESS OTHERWISE SPECIFIED, MATERIALS SHALL BE MANUFACTURED AND SUPPLIED BY ONE OF THE FOLLOWING MANUFACTURERS TO MATCH THE COLOURS AS SPECIFIED ON THE DRAWINGS: BENJAMIN MOORE AND COMPANY LTD. PRATT AND LAMBERT INC. THE GLIDDEN COMPANY, OLYMPIA STAINS (STAIN ONLY), PARA PAINTS

4. MATERIALS SELECTED FOR EACH PAINT SYSTEM SHALL BE FACTORY MADE PRODUCTS OF THE SAME MANUFACTURER, AND SHALL BE COMPATIBLE WITH EACH OTHER, PAINT MATERIALS SHALL BE THE BEST OF THEIR RESPECTIVE KINDS AND CONFORM TO THE STANDARDS LISTED IN SCHEDULE. PRIMERS SHALL BE AS SPECIFIED BY THE MANUFACTURER AND FULLY COMPATIBLE WITH FINISH COATS.

5. STAINS SHALL BE OF THE RAPID DRY, ALKYD BASE TYPE OR PIGMENT OIL TYPE. THINNER AND CLEANERS SHALL BE AS RECOMMENDED BY EACH MANUFACTURER FOR HIS RESPECTIVE PRODUCT.

6. INTERIOR FINISHING – WHERE INDICATED

   CONCRETE BLOCK AND POURED CONCRETE WALLS:
   ONE COAT BLOCK FILLER;
   ONE COAT PRIMER- SEALER:
   TWO COATS SEMI-GLOSS ENAMEL

   PLASTER AND GYPSUM BOARD WALLS:
   ONE COAT PRIMER-SEALER;
   TWO COATS SEMI- GLOSS ENAMEL/ EGGSHELL

   PLASTER AND GYPSUM BOARD CEILINGS:
   ONE COAT PRIMER-SEALER;
   TWO COATS SEMI-GLOSS ENAMEL/ EGGSHELL

   WOOD DOORS AND TRIM:
   ONE COAT ENAMEL UNDERCOAT;
   TWO COATS SEMI-GLOSS ENAMEL

   CONCRETE FLOORS:
   ONE COAT ENAMEL REDUCED BY ADDITION OF ONE PART THINNER TO EIGHT PARTS OF ENAMEL;
   ONE COAT ENAMEL

   PRIMED FERROUS METALS:
   ONE COAT SPOT PRIMING;
   ONE COAT ENAMEL UNDERCOAT;
   TWO COATS GLOSS ENAMEL

   GALVANIZED AND ZINC COATED METAL:
   ONE COAT VINYL WASH PRIMER;
   ONE COAT ENAMEL UNDERCOAT;
   TWO COATS SEMI-GLOSS ENAMEL

   ZINC COATED METAL DECKING:
   ONE COAT ALKYD DRY FALL SATIN

   INSULATION COVERING:
   ONE COAT TINTED ENAMEL UNDERCOAT;
   ONE COAT S-G ENAMEL

   COPPER PIPING AND FITTINGS:
   ONE COAT VINYL WASH PRIMER;
   ONE COAT TINTED ENAMEL UNDERCOAT;
   ONE COAT SEMI- GLOSS ENAMEL

   FIRE RETARDANT FINISH ON COMBUSTIBLE MATERIALS;
   ONE COAT ENAMEL UNDERCOATER;
   ONE COAT FIRE RETARDANT PAINT;
   ONE COAT FIRE RETARDANT OVERCOAT

7. EXTERIOR FINISHING – WHERE INDICATED

   PRIMED FERROUS METAL:
   ONE COAT SPOT PRIMING;
   ONE COAT LEAD PRIMER;
   TWO COATS EXTERIOR ENAMEL

   MASONRY, CONCRETE AND CEMENT PLASTER:
   TWO COATS EXTERIOR MASONRY COATING AS FOLLOWS:

PROPERTIES
#1010 QUARTZGUARD IS A HIGHLY DURABLE INTERIOR & EXTERIOR SILICATE DISPERSION PAINT DUE TO ITS VAPOUR-PERMEABILITY AND CHEMICAL BONDING WITH THE SUBSTRATE. IT IS NON-COMBUSTIBLE, FIRE RETARDENT, WASHABLE AND BONDS & CURES AFTER PENETRATING THE SUBSTRATE AND PETRIFICATION OF THE QUARTZ BINDER. QUARTZGUARD IS 96% MINERAL-SOURCED IN A WATER BASE, A PROPERTY WHICH MAKES IT ODOURLESS WITHIN HOURS (ZERO VOCS) AND GIVES IT MICROCRYSTALLINE PROPERTIES OF NATURAL STONE. IT DOESN'T BLISTER OR PEEL, IS WATER-REPELLENT AND DRIES TO MATT FINNISH WITH A LIFE EXPECTANCY OF 20 YEARS.

WHERE TO USE
#1010 QUARTZGUARD SILICATE DISPERSON PAINT CAN BE USED ON MOST RIGID AND ABSORBENT EXTERIOR AND INTERIOR WALL SURFACES. IDEAL ARE MINERAL-BASED SURFACES SUCH AS CONCRETE, LIME & CEMENT PLASTER (STUCCO), BRICK, STONE OR OLD POWDERY STUCCO, IF IT HAS BEEN SOLIDIFIED BY A MINERALIZING COAT OF #1050 PRIMASIL. NOT SUITABLE FOR WOOD (NOT STABLE), PLASTIC, METAL (NOT ABSORBENT) AND OORS (TOO MUCH ABRASION).

IMPORTANT FOR PROPER PRODUCT PERFORMANCE IS A PROPER PREPARATION OF THE SUBSTRATES:

- THE SUBSTRATE MUST BE CHEMICALLY NEUTRAL OR ALKALINE, FREE OF DUST AND FATTY OR OTHER SEPARATING SUBSTANCES. IF NECESSARY OR AS A PRECAUTION, POWER-WASH WITH TSP SOLUTION
- LOOSE OR POWDERY PARTICLES FROM WEATHERED MINERAL SURFACES MUST BE REMOVED OR STABILIZED WITH 1 COAT OF PRIMASIL OR A 1ST COAT MADE OF #1010 QUARTZ-GUARD DILUTED WITH UP TO 10 % #1050 PRIMASIL.
- OLD PAINT COATS THAT RESTRICT THE SURFACE ABSORBENCY MUST BE REMOVED, I.E. OLD GLOSSY LATEX AND ALKYD PAINTS HAVE TO GO IDEALLY @ 80-100%. OLD LIME PAINTS CAN BE COMPATIBLE BUT SHOULD BE CHECKED FOR ADHERENCE. VERY ABSORBENT SURFACES MUST BE PRIMED & SATURATED WITH 1 COAT OF #1050 PRIMASIL .

COLOURS
WHITE AND 10 STANDARD FULL-TONE COLOURS , WHITE IS TINTABLE WITH #1010 FULL-TONE COLOURS, CUSTOM TINTING IS AVAILABLE WITH A MINIMUM VOLUME REQUIREMENT PER COLOUR.

COVERAGE
APPROX. 300 – 320 SQ FT. PER GALLON (VARIES WITH SURFACE MATERIAL, TEXTURE AND PRE-TREATMENT).

DRYING TIME
DEPENDING ON THE TEMPERATURE AND THE RELATIVE HUMIDITY, DRY TO TOUCH AFTER 2 HRS , BUT ALLOW MIN.12 HRS BEFORE APPLYING 2ND COAT.

APPLICATION
STIR WELL BEFORE USING. DO NOT APPLY @ WORKING TEMPERATURES (SURFACE + AIR) BELOW 5°C OR ABOVE 45°C. APPLY 2 COATS BY BRUSH, ROLLER OR AIRLESS SPRAYER AFTER PROPER SURFACE PREPARATION. FINAL COAT TO BE APPLIED CONTINUOUSLY WET-IN-WET ESPECIALLY WHEN USING STRONGER TINTED COLOURS. IDEALLY TO BE SPRAYED.

CLEANING
WASH TOOLS WITH WARM WATER AND SOAP.

STORAGE
KEEP CONTAINERS TIGHTLY SEALED IN A COOL, DRY AND FROST-FREE PLACE. SHELF LIFE IS MIN. 24 MONTHS IN UNOPENED CONTAINERS.

SAFETY
KEEP OUT OF REACH OF CHILDREN. DO NOT EMPTY WET PAINT INTO DRAINS OR WATER COURSES, BUT LET DRY AND DISCARD SOLID LEFTOVER WITH REGULAR GARBAGE. USE GOGGLES & PROTECTIVE GEAR WHEN WORKING OVERHEAD.

INGREDIENTS
WATER, POTASSIUM SILICATE, MINERAL FILLERS & EXTENDERS, EARTHEN & MINERAL PIGMENTS, < 5% ACRYLIC STABILIZER, AMMONIA SOLUTION, POLYSACCHARIDE, CELLULOSE, SODIUM PHOS-PHONATE, FATTY ACID DEFOAMER, HYDROPHOBING AGENT.

GENERAL PREPARATION
SURFACES MUST BE RIGID & ABSORBENT , DRY, CLEAN AND FREE OF DUST, OILY RESIDUES AND CHEMICALLY NEUTRAL OR ALKALINE. REMOVE ANY LOOSE PARTICLES AND MAKE GOOD WITH CEMENTITIOUS FILLER. OLD COATS OF LATEX OR ALKYD PAINTS MUST BE REMOVED, SINCE THEY INHIBIT PENETRATION OF THE SILICATE BINDER INTO THE SUBSTRATE AND VAPOUR-PERMEABILITY . FLAKING OR PEELING PAINTS MUST BE REMOVED COMPLETELY.
CAREFULLY PROTECT ALL ADJACENT GLASS, METAL, CERAMIC ETC AGAINST SPLATTERS. REMOVE UNAVOIDABLE SPLATTERS IMMEDIATELY WITH WATER.
NOTE:
SILICATE PAINT PRODUCTS ARE ALKALINE. (PH = 8.5 – 9.5) OLD EXTERIOR LIME & CEMENT STUCCO AND OTHER HIGHLY ABSORBENT MINERAL SURFACES REMOVE LOOSE PARTICLES, SOLIDIFY REMAINING SEMILOOSE MINERAL PARTICLES FROM MORTAR PLASTER, ADOBE, CONCRETE OR UNGLAZED BRICKS WITH 1-2 COATS (AS NEEDED) OF #1050 PRIMASIL STRAIGHT OR WITH A 1ST COAT PREPARED OUT OF #1010 QUARTZGUARD AND UP TO 20 % #1050 PRIMASIL NEW EXTERIOR CONCRETE, MORTAR STUCCO ETC. MAKE SURE SURFACES ARE FULLY CURED, I.E. MIN. 30 DAYS OLD AT TIME OF PAINTING. REMOVE OR NEUTRALIZE ANY OILY RESIDUES SUCH AS FORMS RELEASE AGENTS, ETC. APPLY 1 PRIMER COAT OF #1010 QUARTZGUARD DILUTED WITH 10% #1050 PRIMASIL PLUS TWO COATS OF #1010 QUARTZGAURD EXTERIOR/INTERIOR SILICATE MINERAL PAINT.

BREATHABILITY
TECHNICALLY BREATHABILITY IS MEASURED AS WATER VAPOUR PERMEANCE AND IT CAN BE EXPRESSED IN US-PERMS OR IN METRIC PERMS.

COMPARATIVE DATA
1 COAT OF LATEX PAINT = 1.2 US-PERMS.
2 COATS OF LATEX PAINT = 0.7 US-PERMS.
2 COATS OF #1010 QUARTZGUARD = 77.5 US-PERMS.
THIS MEANS A STANDARD 2 COAT APPLICATION OF OUR INTERIOR & EXTERIOR SILICATE DISPERSION PAINT HAS APPROXIMATELY 100 X THE WATER VAPOUR TRANSMISSION RATE OF A 2 COAT LATEX PAINT AND IS IN THE SAME RANGE AS HOUSE WRAPS, WHICH ARE ESPECIALLY DESIGNED FOR OPTIMAL WATER VAPOUR PERMEANCE.

RESISTANCE AGAINST PENETRATING RAIN IS EQUALLY IMPORTANT, WHEN PAINTING EXTERIOR SURFACES.
AN INDEPENDENT US – TEST LABORATORY FROM BROOKLYN, NY HAS TESTED THE "RESISTANCE AGAINST WIND-DRIVEN RAIN" IN ACCORDANCE WITH ASTM D 6940 ON #1010 QUARTZGUARD INTERIOR & EXTERIOR SILICATE DISPERSION PAINTS AND STAINS.
TEST RESULTS:
#1010 QUARTZGUARD COMPLIES WITH THE QUALITATIVE REQUIREMENTS STATED IN US FEDERAL TT-C-555B "COATING, TEXTURED FOR INTERIOR AND EXTERIOR MASONRY SURFACES." -3.3.3
RESISTANCE AGAINST WIND-DRIVEN RAIN, FROM WHICH ASTM D 6940 HAS BEEN DERIVED.

GLAZED SPANDREL PANEL (06220)

PART 1 GENERAL

1.1 WORK INCLUDED
FURNISH LABOUR, MATERIALS AND SERVICES FOR THE COMPLETE FABRICATION, ASSEMBLY AND INSTALLATION OF SERIES 5000 FRAMING SYSTEM MANUFACTURED BY COMMDOOR ALUMINUM OR APPROVED EQUAL. WORK TO INCLUDE ALL NECESSARY ACCESSORIES, ANCHORS AND SEALANTS AS REQUIRED BASED ON THE PURCHASE AGREEMENT.

1.2 WORK EXCLUDED
STRUCTURAL STEEL, WOOD BLOCKING OR FRAMING, INTERIOR TRIMS, CONCRETE MASONRY, PROTECTION, RELATED WORK SPECIFIED ELSEWHERE, CONVECTOR COVERS AND TRIMS AND CEILING TRIMS.

1.3 DESIGN
THE 5000 SERIES CURTAIN WALL SYSTEM TO BE DESIGNED BASED ON THE "OPEN RAIN SCREEN" AND "PRESSURE EQUALIZATION" PRINCIPLES.

1.4 PERFORMANCE
DEFLECTION OF THE VERTICAL MULLION TO BE < 1/175 OF THE SPAN AT THE SPECIFIED PRESSURE LEVEL.
PERMANENT DEFORMATION OF VERTICAL MULLION TO BE < 0.2 % OF THE LENGTH OF THE MULLION.
AIR LEAKAGE SHOULD NOT EXCEED 0.06 (FT3/MIN)/FT2.

1.5 QUALITY ASSURANCE
THE 5000 SERIES 2" CURTAIN WALL SYSTEM SUPPLIED UNDER THIS SPECIFICATION MUST COMPLY TO THE PERFORMANCE REQUIREMENTS OF THE CANADIAN STANDARDS ASSOCIATION CAN3-A440-M90, CLASSIFICATION FIXED, B7, C5, I=52.1. A COPY OF THE TEST REPORT FROM AN INDEPENDENT TESTING LABORATORY CERTIFYING COMPLIANCE MUST BE FURNISHED UPON REQUEST BY THE OWNER/ARCHITECT.

1.6 SHOP DRAWINGS
ALL WORK OF THIS SECTION SHALL BE EXECUTED IN STRICT ACCORDANCE WITH APPROVED SHOP DRAWINGS.

1.7 WARRANTY
THE WORK OF THIS SECTION SHALL BE GUARANTEED AGAINST DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF CERTIFICATE OF SUBSTANTIAL COMPLETION.

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 ALUMINUM EXTRUSION
A) ALL EXTRUDED ALUMINUM SECTIONS TO BE 6063-T6 ALLOY OR EQUIVALENT.
B) FRAME MEMBERS (BACK SECTION) SIZE WILL BE BASED ON PUBLISHED WIND LOAD CHARTS TO MEET SPECIFIED WIND LOAD. BACK SECTION TO BE 1" (25.4MM) PART NUMBER 5000-101. FOR 1/4" SINGLE GLAZED USE SINGLE GLAZING ADAPTOR 5000-111.

2.1.2 THERMAL BREAK
IF APPLICABLE, EXTRUDED VIRGIN POLYVINYL CHLORIDE (P.V.C).

2.1.3 GLAZING MATERIAL
EXTERIOR GLAZING:
1) MACRO-POLYISOBUTYLENE TAPE WITH A CONTINUOUS BUILT IN SHIM; HIGHLY ADHESIVE AND ELASTIC, OR
2) EXTRUDED THERMOPLASTIC ELASTOMERS GASKET.
INTERIOR GLAZING:
EXTRUDED THERMOPLASTIC ELASTOMERS GASKET.

2.1.4 FASTENERS
FASTENERS SHALL BE ZINC PLATED.

2.2 FABRICATION
FABRICATION WILL BE CARRIED OUT ACCORDING TO THE APPROVED SHOP DRAWINGS. ALL JOINTS WILL BE ASSEMBLED TIGHT USING MANUFACTURES PROVIDED ASSEMBLY BRACKETS TO MAINTAIN THE PRODUCT DESIGN PERFORMANCE.

2.3 FINISH

2.3.1 ANODIZE
ANODIC OXIDE TREATMENTS ARE TO BE PROCESSED IN ACCORDANCE WITH AAMA DESIGNATIONS.
M12C22A31 CLASS II DESIGNATION IS FOR #17 CLEAR ANODIZED FINISH (0.0004). M12C22A41 CLASS I DESIGNATION IS FOR #14 CLEAR ANODIZED FINISH (0.0007) AND COLOUR FINISHES SUCH AS #26 LIGHT BRONZE, #40 BRONZE AND #29 BLACK.

2.3.2 PAINT
THERMOSETTING ACRYLIC ENAMEL COATING IS TO BE APPLIED IN ACCORDANCE WITH AAMA 603.8. SPECIFY COLOUR AND TYPE FROM PPG STANDARD CHARTS.

2.3.3 FLUOROPOLYMER PAINT COATING
BASED ON KYNAR 500 RESINS ARE TO BE APPLIED IN ACCORDANCE AAMA 605.2. SPECIFY COLOUR FROM VALSPAR CURRENT CHART.

PART 3 EXECUTION

3.1 PROTECTION
ALUMINUM SHALL BE ISOLATED FROM CONCRETE, MORTAR, PLASTER AND DISSIMILAR MATERIALS WITH A COATING OF BITUMINOUS PAINT. EXPOSED ALUMINUM SURFACE SHALL BE PROTECTED FROM LONG TERM CONTAMINATION OF MORTAR, CONCRETE, PAINT, MUD, ETC. DOORS AND DOOR FRAMES SHALL BE PROTECTED FROM IMPACT DAMAGE BY WOOD SHEATHING AND PLASTIC WRAPS.

3.2 INSTALLATION
COMMDOOR PRODUCTS TO BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS AND IN CONJUNCTION WITH APPROVED SHOP DRAWINGS. THE WORK SHALL BE PERFORMED BY QUALIFIED SKILLED PERSONNEL USING PROPER EQUIPMENT IN ORDER TO EXPEDITE THE PROJECT IN AN EFFICIENT PROFESSIONAL MANNER.

3.3 CLEANING
INTERIM AND FINAL CLEANING SHALL BE PERFORMED IN ACCORDANCE WITH THE GENERAL CONDITIONS LISTING METHODS OUTLINED IN AAMA 609 & 610-02 (2002).

LOADING DOCK EQUIPMENT (11160)

(UNLESS OTHERWISE NOTED)

1. DOCK LEVELLER TO BE 'BLUE GIANT' MODEL "HA6008-40" WITH REMOTE POWER PACK OR APPROVED EQUAL.
2. DOCK SEALER TO BE FIXED HEAD AND VERTICAL SIDE PADS TO SUIT DOOR OPENING. BG0201 BY 'BLUE GIANT'.
3. DOCK BUMPER TO BE 'SERCO' VB620-11 OR APPROVED EQUAL BOLTED TO FOUNDATION WALL.
4. PROVIDE WHEEL CHOCKS & CHAIN KITS.

ARCHITECTURAL ALUMINUM COMPOSITE PANEL (07423)

PART 1 - GENERAL

1.1 DESCRIPTION
.1 DIVISION 1, GENERAL REQUIREMENTS, IS PART OF THIS SPECIFICATION AND SHALL APPLY AS IF REQUIRED HERE.
.2 WORK FURNISHED AND INCLUDED:
  .1 UNDERLAYMENT (IF REQUIRED)
  .2 SUBGIRTS (IF REQUIRED)
  .3 COMPOSITE ALUMINUM PANELS
  .4 RELATED TRIMS AND EXTRUSIONS
.3 RELATED WORK NOT INCLUDED:
  .1 STUDS
  .2 SHEATHING
  .3 INSULATION

1.2 STANDARDS
A. .1 GENERAL: STANDARDS LISTED BY REFERENCE, INCLUDING REVISIONS BY ISSUING AUTHORITY, FORM A PART OF THIS SPECIFICATION SECTION TO THE EXTENT INDICATED. STANDARDS LISTED ARE IDENTIFIED BY ISSUING AUTHORITY, AUTHORITY ABBREVIATION, DESIGNATION NUMBER, TITLE OR OTHER DESIGNATION ESTABLISHED BY ISSUING AUTHORITY. STANDARDS SUBSEQUENTLY REFERENCED HEREIN ARE REFERRED TO BY ISSUING AUTHORITY ABBREVIATION AND STANDARD DESIGNATION.
B. ASTM INTERNATIONAL (ASTM):
ASTM D1781 STANDARD TEST METHOD FOR CLIMBING DRUM PEEL FOR ADHESIVES.
ASTM E84 STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS.
ASTM E108 (MODIFIED) STANDARD TEST METHODS FOR FIRE TESTS OF ROOF COVERINGS.
ASTM E283 STANDARD TEST METHOD FOR DETERMINING THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMEN.
ASTM E330 STANDARD TEST METHOD FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
ASTM E331 STANDARD TEST METHOD FOR WATER PENETRATION OF EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
C. AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA):
AAMA 2605 VOLUNTARY SPECIFICATION, PERFORMANCE REQUIREMENTS AND TEST PROCEDURES FOR SUPERIOR PERFORMING ORGANIC COATINGS ON ALUMINUM EXTRUSIONS AND PANELS.
AAMA 508 VOLUNTARY TEST METHOD AND SPECIFICATION FOR PRESSURE EQUALIZED RAIN SCREEN WALL CLADDING SYSTEMS
D. UNDERWRITERS LABORATORIES INC. (UL):
UL 94 STANDARD FOR FLAMMABILITY OF PLASTIC MATERIALS FOR PARTS IN DEVICES AND APPLIANCES.
E. INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO):
ISO 9001-2000 QUALITY MANAGEMENT SYSTEMS – REQUIREMENTS.

1.3 QUALITY ASSURANCE
.1 SUPPLIER SHALL DESIGN, SUPPLY, FABRICATE AND INSTALL WORK OF THIS SECTION.
.2 SUPPLIER/INSTALLER SHALL HAVE A MINIMUM OF 5 YEARS PROVEN EXPERIENCE AND MUST HAVE COMPLETED AT LEAST 5 MAJOR ALUMINUM WALL PANEL PROJECTS.
.3 ALL WALLS AND OPENINGS ARE TO BE WITHIN + OR > 3mm (0.12") OF THE LOCATION SHOWN ON ARCHITECTURAL DRAWINGS. ALSO THE FACADE IS TO BE PLUMB WITHIN 1:1000 OF OVERALL HEIGHT WITH A MAXIMUM OF 25 MM.

1.4 SUBMITTALS (SHOP DRAWINGS)
.1 DESIGN, FABRICATE AND ERECT WALL PANEL SYSTEM TO MEET THE FOLLOWING REQUIREMENTS:
  .1 RAIN PENETRATION: PREVENT RAIN PENETRATION THROUGH WALL SYSTEM.
  .2 DESIGN SYSTEM AS A "RAINSCREEN SYSTEM"BASED ON GUIDELINES PUBLISHED BY THE NATIONAL RESEARCH COUNCIL. INCORPORATE MEANS OF DRAINING MOISTURE TO THE EXTERIOR. TESTING ON REASONABLY COMPARABLE SYSTEMS WILL BE CONSIDERED ACCEPTABLE.
  .3 DESIGN SYSTEM BASED ON "RAIN SCREEN PRINCIPLE"BY THE NATIONAL RESEARCH COUNCIL. INCORPORATE MEANS OF DRAINING MOISTURE TO THE EXTERIOR.
  .4 WIND LOAD: DESIGN WALL SYSTEM TO RESIST WIND LOADS, POSITIVE AND NEGATIVE, EXPECTED IN THIS GEOGRAPHICAL REGION (NBC CLIMACTIC DATA, 10 YEAR PROBABILITY) WITHOUT CAUSING RATTLING, VIBRATION OR EXCESSIVE DEFLECTION OF PANELS, OVERSTRESSING OF FASTENERS, CLIPS OR OTHER DETRIMENTAL EFFECTS ON WALL SYSTEM.
  .5 STRUCTURAL AND THERMAL MOVEMENT: ACCOMMODATE MOVEMENT OF SUPPORTING STRUCTURAL FRAMING AND MOVEMENT CAUSED BY THERMAL EXPANSION AND CONTRACTION OF SYSTEM COMPONENT PARTS WITHOUT CAUSING BOWING, BUCKLING, DELAMINATION, OIL CANNING, FAILURE OF JOINT SEALS, EXCESSIVE STRESS ON FASTENERS, OR ANY OTHER DETRIMENTAL EFFECTS.
.2 PANEL FLATNESS TOLERANCE APPLIES TO EVEN RISES AND FALLS ACROSS PANEL. LOCAL BUMPS AND DEPRESSIONS WILL NOT BE ACCEPTED. FABRICATE PANELS NOT EXCEEDING THE FOLLOWING TOLERANCES:
  .1 1.5 MM (0.06") IN A CONVEX DIRECTION, MEASURED PERPENDICULARLY TO NORMAL PLANE.
  .2 1.5 MM (0.06")IN A CONCAVE DIRECTION, MEASURED PERPENDICULARLY TO NORMAL PLANE.
.3 PANEL REMOVAL: SYSTEM SHALL BE NON>PROGRESSIVE, ALLOWING REMOVAL OF ANY INDIVIDUAL PANEL WITHOUT NECESSITATING REMOVAL OF ADJACENT WORK.
.4 MAXIMUM DEVIATION FROM VERTICAL AND HORIZONTAL ALIGNMENT OF ERECTED PANELS: 6 MM (0.24") IN 6 M (20'>0").
.5 MAXIMUM DEVIATION FROM PANEL FLATNESS SHALL BE 3 MM (0.12") IN 1.5 M (59") PANEL IN ANY DIRECTION FOR ASSEMBLED UNITS (NON>ACCUMULATIVE).

1.5 SAMPLES
.1 SUBMIT SAMPLES FOR CONSULTANT'S REVIEW.
.2 SUBMIT DUPLICATE, MINIMUM 203 MM X 203 MM (8" X 8") SAMPLES OF EACH COLOUR SELECTED.

1.6 SHOP DRAWINGS
.1 SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH GENERAL NOTES.
.2 INDICATE ELEVATIONS, PROFILES, DIMENSIONS AND THICKNESS OF PANELS.
.3 INDICATE LOCATION AND DETAIL OF JOINTS INCLUDING JOINTS NECESSARY TO ACCOMMODATE THERMAL MOVEMENT.
.4 INDICATE ATTACHMENT CLIPS, JOINT EXTRUSION SYSTEM AND INSTALLATION DETAILS.
.5 SHOW FASTENING AND ANCHORING DETAILS.
.6 DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, ATTESTING TO THE ABILITY OF THE METAL PANELS ASSEMBLY TO WITHSTAND THE SPECIFIED LOADS.
.7 PANELS SHALL BE IDENTIFIED ON THE SHOP DRAWINGS AS TO BUILDING LOCATION TO FACILITATE PANEL REMOVAL AND REPLACEMENT.

1.7 MAINTENANCE DATE
.1 PROVIDE MAINTENANCE DATA FOR CLEANING AND MAINTENANCE OF PANEL FINISHES FOR INCORPORATION INTO MANUAL SPECIFIED IN SECTION 01001.
.2 SUBMIT INSTRUCTIONS FOR TOUCH>UP, REPAIR AND REMOVAL OF PANELS.

1.8 MAINTENANCE MANUALS
.1 PROVIDE ANY APPLICABLE MAINTENANCE OR CLEANING MANUALS.

1.9 MOCK-UP
.1 SUBMIT MOCK-UP.
.2 ERECT MOCK-UP PANEL APPROXIMATELY 12" LONG X 12" HIGH IN LOCATION DIRECTED BY ARCHITECT.
.3 MOCK-UP PANEL SHALL INCLUDE ALL COMPONENTS OF THE WALL SYSTEM AND IF APPROVED BY ARCHITECT MAY BE INCORPORATED IN TO FINISHED WORK.
.4 NOTIFY 72 HOURS BEFORE INSTALLATION OF MOCK-UP FOR INSPECTION BY ARCHITECT. DO NOT PROCEED WITH PANEL SYSTEM WORK UNTIL MOCK>UP HAS BEEN APPROVED.

1.10 PRODUCT DELIVERY, HANDELING AND STORAGE
.1 PROTECT FINISH AND EDGES USING A PLASTIC FILM ADHERED TO PANEL IN ACCORDANCE WITH PANEL MANUFACTURER'S RECOMMENDATIONS.
.2 STORE COMPONENTS AND MATERIALS IN ACCORDANCE WITH PANEL MANUFACTURER'S RECOMMENDATIONS.

1.11 GUARANTEE
.1 FOR WORK IN THIS SECTION, WARRANTY AGAINST DEFECTS OR DEFICIENCIES IN MATERIALS OR WORKMANSHIP SHALL BE FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

1.12 WARRANTY
.1 PROVIDE A MANUFACTURER'S WRITTEN WARRANTY: FURNISH PANEL MANUFACTURER'S WRITTEN WARRANTY COVERING FAILURE OF FACTORY>APPLIED EXTERIOR FINISH ON COMPOSITE METAL PANELS WITHIN THE WARRANTY PERIOD; WARRANT FINISH PER ASA=TN D 4214 FOR CHALK NOT IN EXCESS OF 8 NBS UNITS. WARRANTY PERIOD FOR FINISH: 10 YEARS AFTER THE DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1 MATERIALS
.1 COMPOSITION: TWO SHEETS OF ALUMINUM BONDED TO EITHER SIDE OF AN EXTRUDED THERMOPLASTIC CORE, FORMED IN A CONTINUOUS PROCESS WITHOUT THE USE OF GLUE OR ADHESIVE BETWEEN DISSIMILAR MATERIALS. BOND INTEGRITY TESTING TO ADHERE TO ASTM D 1781>76.
.2 ALUMINUM FACE SHEETS: ALUMINUM ALLOY 3105>H14, THICKNESS 0.51 MM (0.02").
.3 PANEL THICKNESS: 4MM (0.16")
.4 TOTAL WEIGHT: 4MM FR (0.16) MATERIAL 1.56 PSF 4MM PE (0.16) MATERIAL 1.12 PSF
.5 TOLERANCES:
  .1 PANEL BOW: MAXIMUM 0.80% PER LINEAL FOOT PANEL DIMENSION (WIDTH OR LENGTH).
  .2 PANEL DIMENSIONS: MAKE ALLOWANCE FOR FIELD ADJUSTMENTS, IN MANNER RECOMMENDED BY MANUFACTURER, WHERE FINAL DIMENSIONS CANNOT BE ESTABLISHED BY FIELD MEASUREMENT PRIOR TO PANEL MANUFACTURING.
  .3 PANEL LINES, BREAKS AND ANGLES TO BE SHARP AND TRUE: PANEL SURFACES TO BE FREE FROM WARP OR BUCKLE.
.6 PANEL SYSTEM: AM2000 ACM PANEL SYSTEM BY ARCHITECTURAL METALS NORTH AMERICA OR C2000 ACM PANEL SYSTEM BY CLADCO DRY JOINT SYSTEM USING PROPRIETARY ALUMINUM EXTRUSIONS WITHOUT THE USE OF CAULKING AT JOINTS OR SL-400 PANEL SYSTEM BY SOBOTEC (ALUCOBOND) OR 4.R.2/4.S.2 PANEL SYSTEM BY ALCOTEX OR 4MM FR REYNOBOND BY ALCOA ARCHITECTURAL PRODUCTS OR 4MM PE/FE ALPOLIC BY ALPOLIC.
.7 PANEL FINISH: FLOROPOLYMER RESIN COATING WITH 100% LUMIFLON FEVE RESIN TESTED TO MEET OR EXCEED THE CRITERIA EXPRESSED IN AAMA 2605>02.
.8 COLOUR:
  .1 COMPLETE INSTALLATION: PROVIDE PROPRIETARY ALUMINUM EXTRUSIONS COMPATIBLE WITH PANEL EDGES, MANUFACTURER'S STANDARD PROFILES INCLUDING VERTICAL AND HORIZONTAL JOINT CLOSURES AND PERIMETER TRIM AS REQUIRED FOR A COMPLETE INSTALLATION.
  .2 FASTENERS: AS RECOMMENDED BY THE PANEL MANUFACTURER, CONCEALED AND NON-CORROSIVE.
  .3 EXTRUSIONS AND EXTRUSION CLIPS FOR ATTACHING PANELS TO THE SUB-STRUCTURE: PURPOSE MADE ALUMINUM. PLASTIC SHIMS OR DUCT TAPE SHALL BE USED AS A THERMAL SEPARATOR BETWEEN EXTRUSIONS AND SUBGIRTS.
  .4 JOINT FILLER STRIP: SAME MATERIAL AS PANELS.
  .5 SUBGIRTS: MANUFACTURED FROM Z>275 GALVANIZED STEEL IF REQUIRED AND SHALL BE DESIGNED TO ACCOMMODATE EXPANSION AND CONTRACTION, DYNAMIC MOVEMENTS AND DESIGN LOAD REQUIREMENTS.

PART 3 - EXECUTION

3.1 EXAMINATION
.1 EXAMINE WORK OF OTHER SECTIONS UPON WHICH WORK OF THIS SECTION DEPENDS.
.2 REPORT ANY UNSATISFACTORY CONDITIONS TO ENGINEER IN WRITING. DO NOT START WORK UNTIL UNSATISFACTORY CONDITIONS ARE RECTIFIED.

3.2 WALL PANEL SYSTEM
.1 ERECT PANELS AND JOINT FILLER STRIP IN ACCORDANCE WITH SYSTEM MANUFACTURER'S DETAILS AND INSTRUCTIONS AND SO AS TO MEET SPECIFIED DESIGN AND PERFORMANCE REQUIREMENTS.
.2 FINISHED WORK SHALL BE SECURELY ANCHORED, FREE OF DISTORTION AND SURFACE IMPERFECTIONS, UNIFORM IN COLOUR AND GLOSS.
.3 USE CONCEALED FASTENINGS ONLY, EXCEPT WHERE EXPOSED FASTENINGS ARE SPECIFICALLY PERMITTED BY ARCHITECT IN WRITING.
.4 INSTALL PANELS PLUMB, TRUE, LEVEL AND IN ALIGNMENT TO ESTABLISHED LINES AND ELEVATIONS.
.5 WHERE INDICATED ON DRAWINGS OR AS REQUIRED TO COMPLETE WORK OF THIS SECTION, SUPPLY AND INSTALL CLOSURES, CAPS, FASCIA COVERS AND TRIMS WITH MATCHING PANEL FINISH, WHERE EXPOSED.

3.3 CLEAN-UP
.1 REMOVE PROTECTIVE FILM FROM PANELS.
.2 CLEAN EXPOSED PANEL SURFACES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
.3 REPAIR AND TOUCH>UP WITH COLOUR MATCHING HIGH GRADE ENAMEL MINOR SURFACE DAMAGE, ONLY WHERE PERMITTED BY THE ARCHITECT AND ONLY WHERE APPEARANCE AFTER TOUCH>UP IS ACCEPTABLE TO ARCHITECT.
.4 REPLACE DAMAGED PANELS AND COMPONENTS WHICH IN OPINION OF THE ARCHITECT CANNOT BE SATISFACTORILY REPAIRED.

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ANTHONY ZAGARIA
ARCHITECT

MARY BROWN'S CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

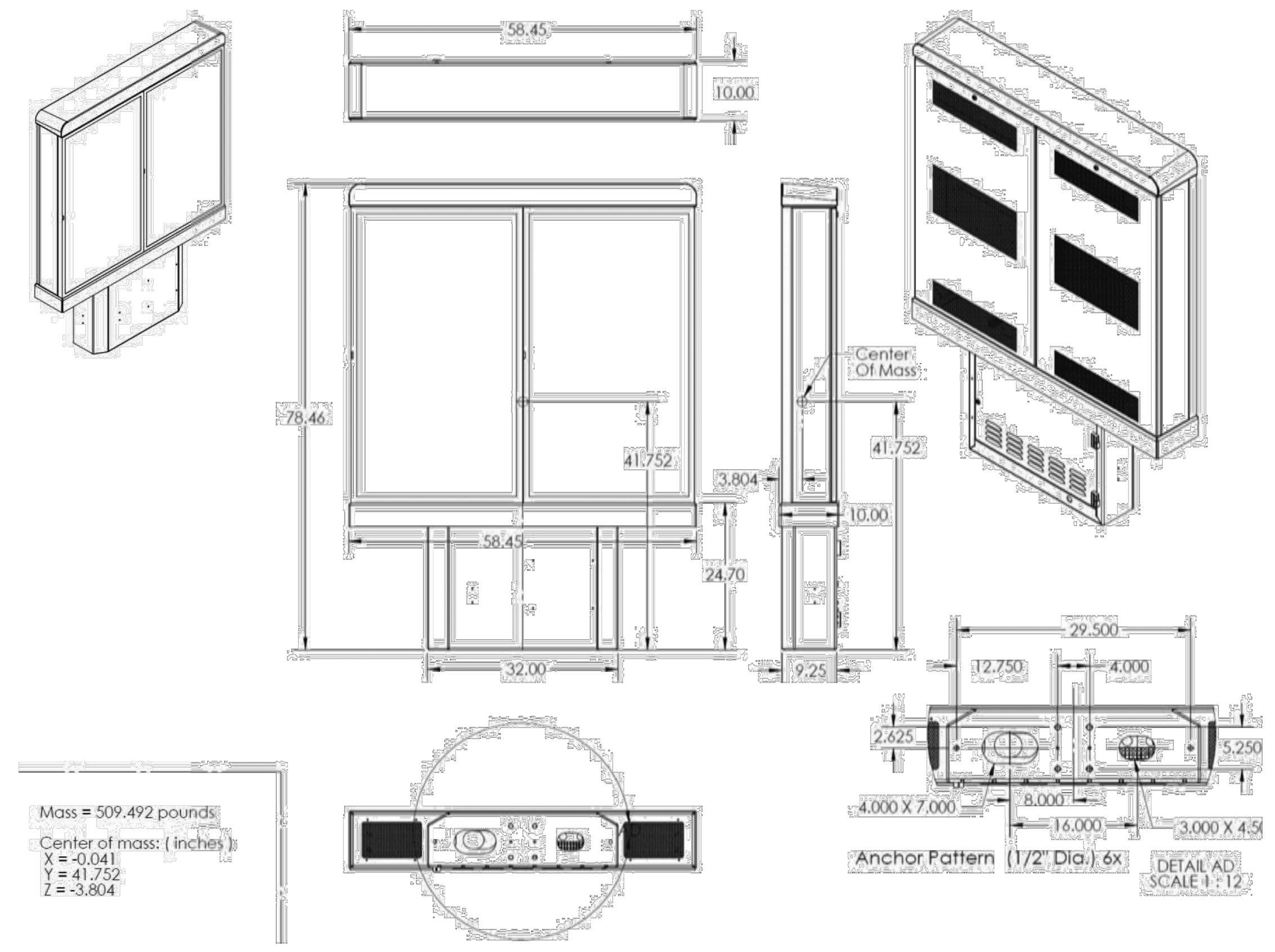
GENERAL NOTES & SPEC.
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A1.1

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.

Dimensions



Electrical

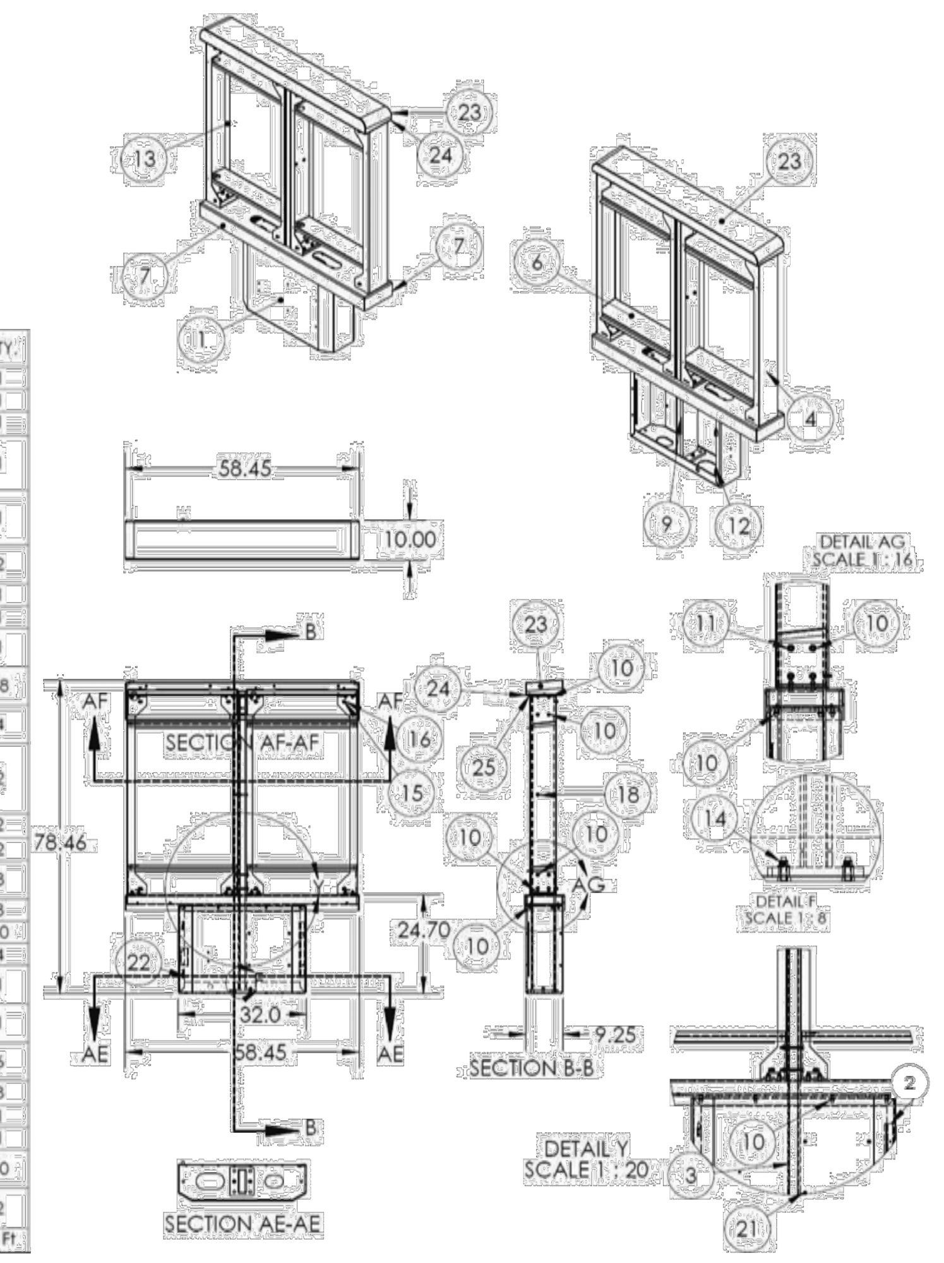
FABCON
fabcon.com

Digital Menu Board
Model: FC-6730
Electrical: 100 - 220 Volts, 50/60Hz,
1108 Watts Max, 1020 Watts Typical

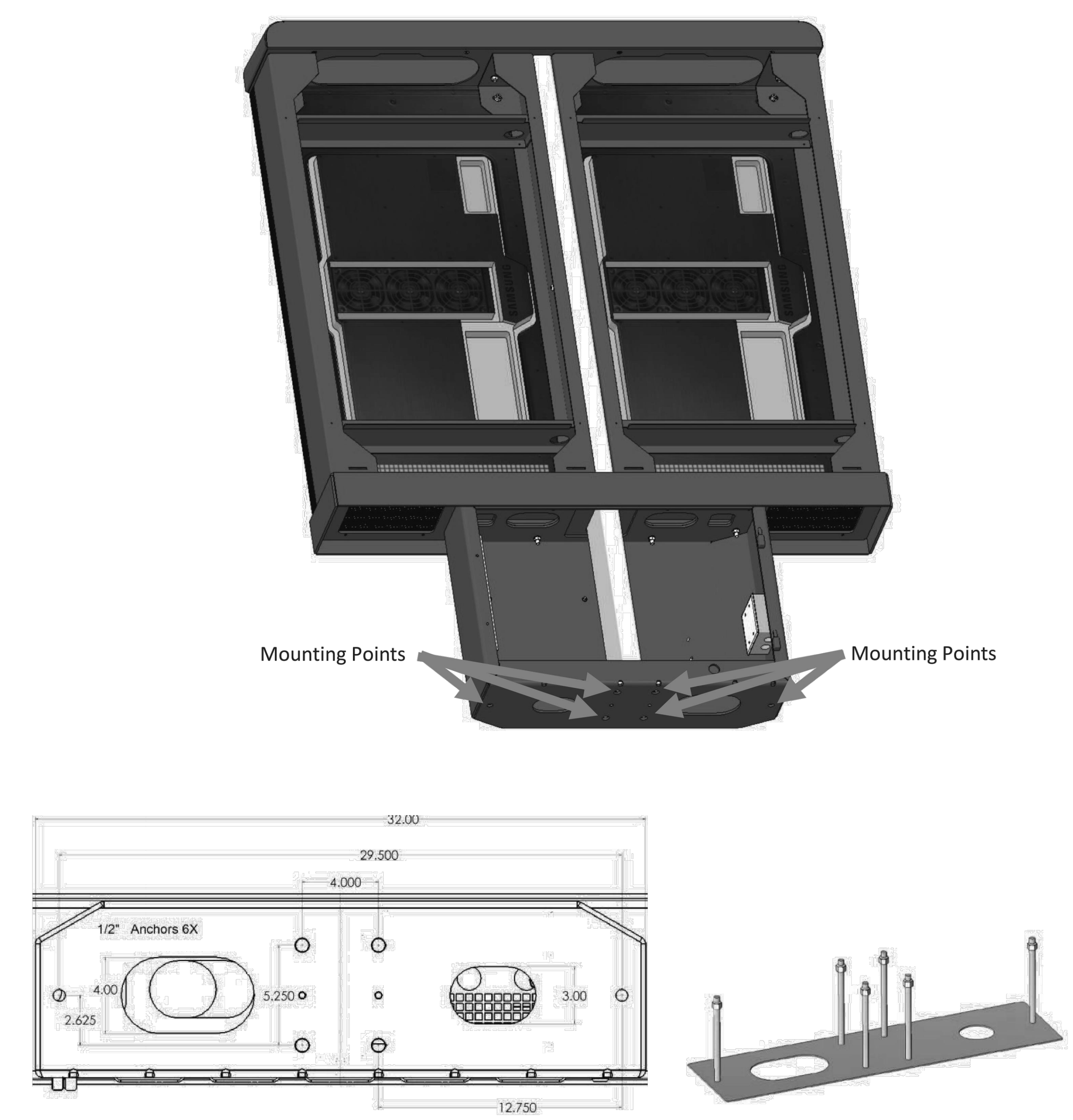
Manufactured by Fabcon, Inc.
Santa Ana, California U.S.A.
Made in U.S.A.
This equipment tested to comply with FCC part 15B rules for a commercial environment
ISO 9001
For Outdoor Use
Serial # Date Code:

Bill of Materials

ITEM NO.	PART NUMBER	REV	DESCRIPTION	QTY.
1	FC-6730-55-002	X5	55" PEDESTAL	1
2	FC-6730-55-003	X5	BASE DOOR STOP VERTICAL	1
3	FC-6730-55-009	X5	Vertical Support Post	1
4	FC-6730-55-010L	X5	55" PORTRAIT MOUNT FRAME WELDMENT (LEFT CONFIGURATION)	1
5	FC-6730-55-010R	X5	55" PORTRAIT MOUNT FRAME WELDMENT (RIGHT CONFIGURATION)	1
6	FC-6730-55-015	X5	REAR ACCESS DOOR ASSEMBLY	2
7	FC-6730-55-201	X5	BASE PEDESTAL WELDMENT	1
8	FC-6730-55-204X5	X5	HORIZONTAL SUPPORT TOP	1
9	FC-6730-55-230	X5	BASE PEDESTAL ACCESS DOOR ASSEMBLY	1
10	NUT-SF-0616SS316		LOCKNUT 3/8-16 SERRATED FLANGE 316 STAINLESS STEEL	48
11	92356A638		TYPE 18-8 SS SQUARE NECK CARRIAGE BOLT 3/8-16x3.50	4
12	11955A76		(MCMASTER) ZINC NARROW-PROFILE LIFT-OFF SURFACE-MOUNT HINGE RIGHT SIDE DOOR MOUNT	2
13	OH55F	X	Display 55"	2
14	NUTSS-NL-0516		5/16-18 NYLON LOCK NUT, S.S.	2
15	41SM8SHB		SCREW SOC HD BUTTON M8X16MM	8
16	WASHSSLS-516		.31 FLT WASHER .06 THK, BLACK	8
17	WASHSS-516		.31 FLT WASHER .06 THK, BLACK	10
18	92949A635		Screw, SS BH 3/8-16x2.75"	4
19	WB2575		(TOPAZ) WATERPROOF DOUBLE GANG OUTLET BOX 3/4" K.O.	1
20	WC2B		(TOPAZ) COVER & GASKET DOUBLE BOX	1
21	NUT-SF-1032SS316		LOCKNUT 10-32 SERRATED FLANGE 316 STAINLESS STEEL	6
22	92949A263		BH SS 10-32 X 375	8
23	FC-6730-55-204	X6	HORIZONTAL SUPPORT TOP	1
24	FC-6730-55-205	X6	CAP BASE PLATE	1
25	91500A537		SCREW FLAT HEAD PHIL 1/4-20 X 1/2" L STAINLESS STEEL 82 DEG	10
26	FC-6730-55-099	X	SCREEN SHIM	2
27	81TAP70		Corrosion Protection Tape	11Ft

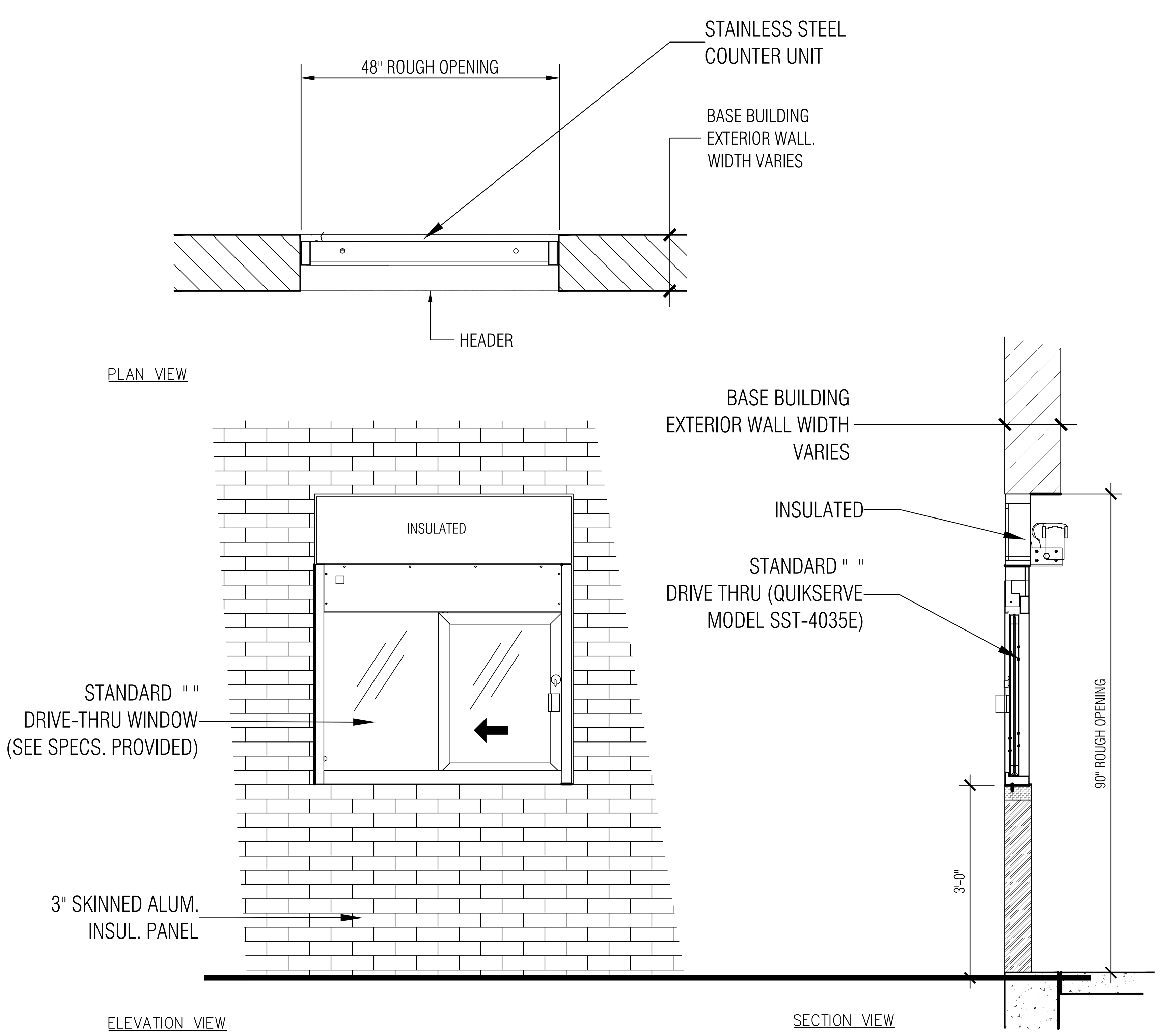


Mounting Points

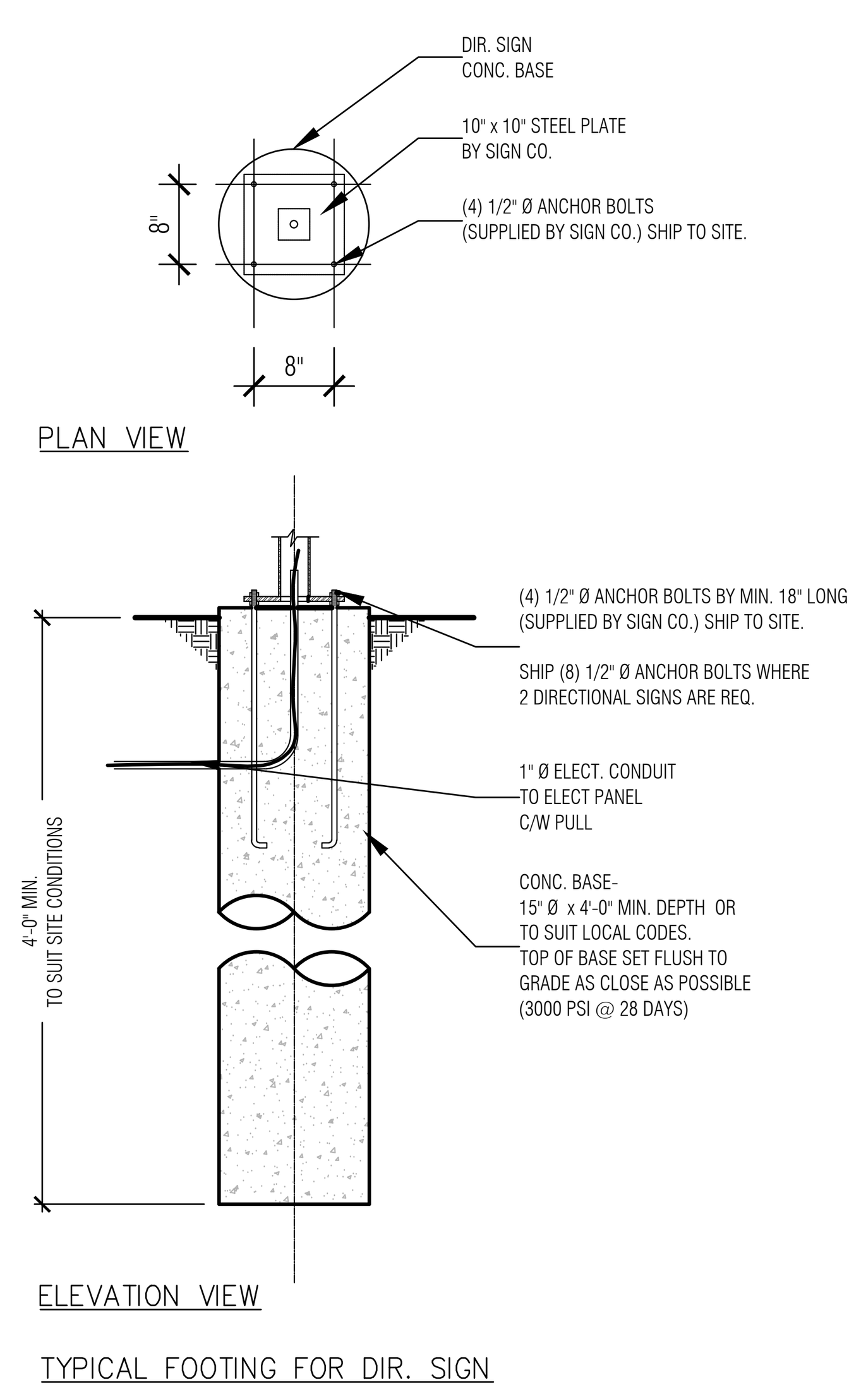


Note: Optional Mounting Plates and Templates

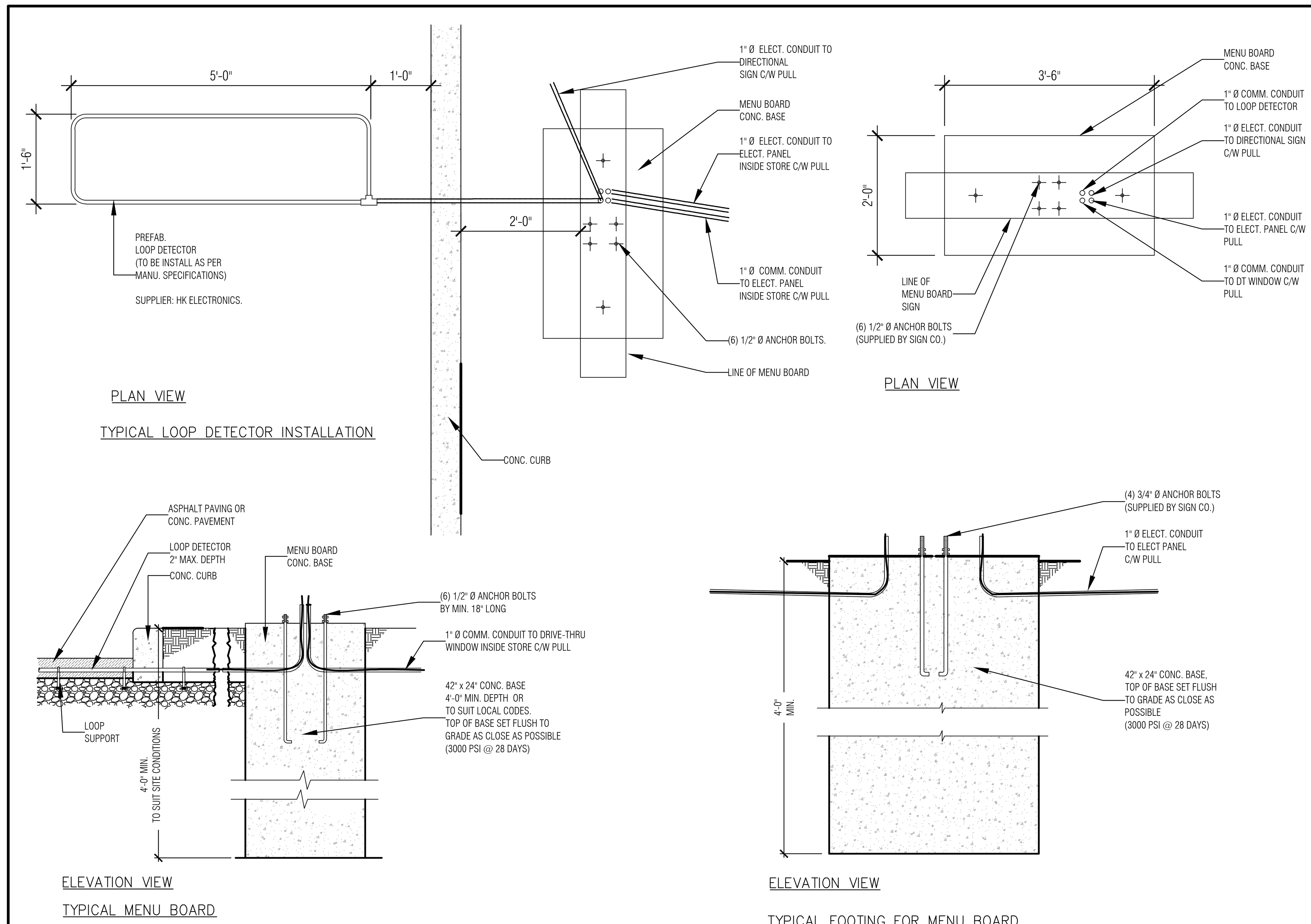
2 **OUTDOOR DISPLAY MANU BOARD DETAIL**
SCALE: NTS



4 **DRIVE-THRU WINDOW DETAILS**
SCALE: NTS



3 **TYP. DIR. SIGNAGE DETAIL**
SCALE: NTS



1 **TYP. MENU BOARD DETAILS**
SCALE: NTS

LLA ARCHITECTURE+
ANTHONY ZAGARIA ARCHITECT

Mary Browns CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

TYPICAL SITE DETAILS

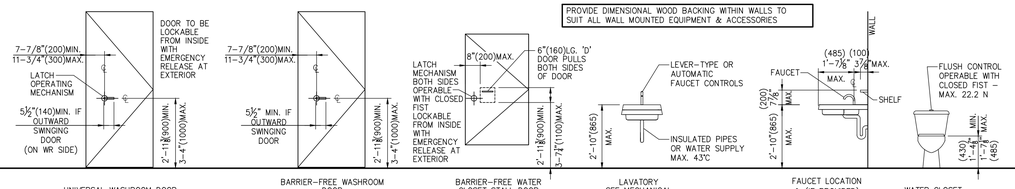
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A1.2

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.

PROVIDE DIMENSIONAL WOOD BACKING WITHIN WALLS TO SUIT ALL WALL MOUNTED EQUIPMENT & ACCESSORIES



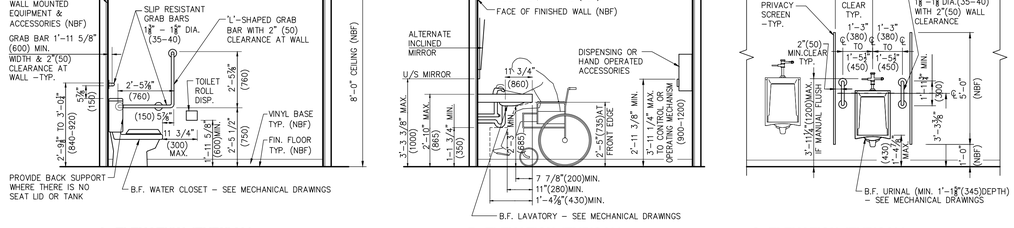
UNIVERSAL WASHROOM – DOOR HARDWARE

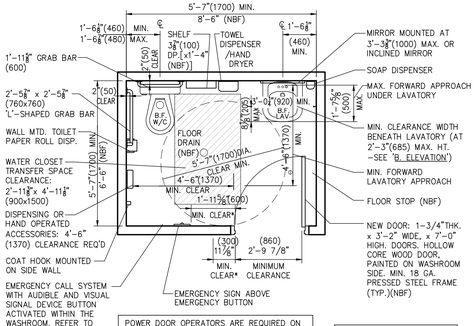
4	HINGES	MPB79 454	626	MCK	
1	LOCKSET	ND80PD RHO	626	SCH	
1	ELECTRIC STRIKE	1006 CLB	630	HES	
1	BF OPERATOR	HA-8	AL	HUN	
2	ACTUATOR BUTTONS	CM 7536/4	AL	CAM	
1	CONTROL KIT	CX-WC11		CAM	
1	EMERGENCY KIT	CX-WEC10		CAM	
1	KICKPLATE	80A 8"x40.5" TAPE (PUSH)	630	GSH	
1	FLOOR STOP	209		626	GSH

INFORMATION SHOWN FOR REFERENCE ONLY, REFER TO PROVINCIAL BUILDING CODE FOR EXACT REQUIREMENTS

10 TYPICAL TOILET ACCESSORIES & EQUIPMENT MOUNTING HEIGHTS

SCALE: NTS





POWER DOOR OPERATORS ARE REQUIRED ON UNIVERSAL WASHROOM DOORS EQUIPPED WITH CLOSERS AND ALL DOORS FOR BARRIER-FREE WASHROOMS PROVIDED FOR PUBLIC USE

MOTION-SENSOR CONTROLLED LIGHTING REQUIRED –SEE ELEC. DWGS

UNIVERSAL WASHROOM PLAN – WITHOUT ADULT-SIZE CHANGE TABLE CLEARANCE

THIS PLAN APPLIES TO UNIVERSAL WASHROOMS LOCATED IN A SUITE USED FOR ASSEMBLY, BUSINESS & PERSONAL SERVICES, MERCANTILE OR INDUSTRIAL OCCUPANCIES AND:
–IS LESS THAN 300m² [3,229 ft²], OR
–WHERE ANOTHER UNIVERSAL WASHROOM WITH CLEAR SPACE AND WALL REINFORCEMENT IS PROVIDED FOR AN ADULT SIZED CHANGE TABLE WITHIN 45m ON THE SAME FLOOR LEVEL

NOTE:
THIS TYPICAL UNIVERSAL WASHROOM LAYOUT HAS BEEN PROVIDED TO ENSURE COMPLIANCE WITH THE 2012 O.B.C.. REFER TO ACTUAL WASHROOM LAYOUT & DIMENSIONS. REFER TO WALL TYPE CONSTRUCTION.

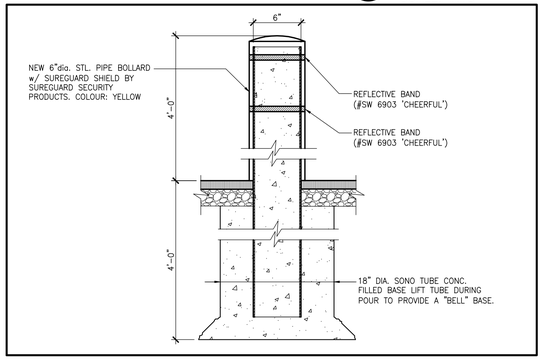
INFORMATION SHOWN FOR REFERENCE ONLY, REFER TO PROVINCIAL BUILDING CODE FOE EXACT REQUIREMENTS

9 BARRIER-FREE & UNIVERSAL WASHROOM REQUIREMENTS

SCALE: NTS

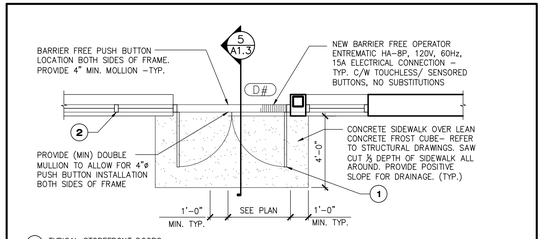
8 NOT USED

SCALE: NTS



7 TYPICAL BOLLARD DETAIL

SCALE: 1"=1'-0"

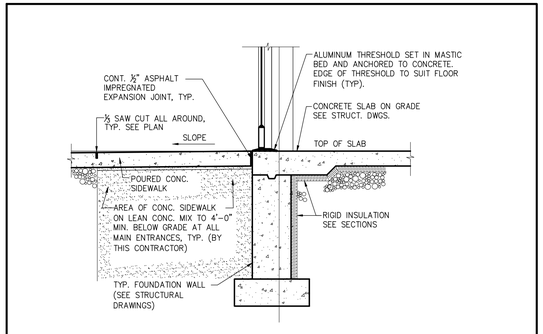


1 TYPICAL STOREFRONT DOORS:
'KAWNEER 260 INSULATED' OR 'ALUMICOR 100A' INSULATED PR' NARROW STILE DOORS IN 1602 FRAMES, w/ THERMAL BREAK FACTORY SEALED, DOUBLE GLAZED SAFETY GLASS. CLEAR ANODIZED ALUMINUM FRAMES AT UNIT D AND BLACK ANODIZED ALUMINUM FRAMES AT UNIT A. PROVIDE ALL HARDWARE TO SUIT O.B.C. INCLUDING PUSH/PULL ALUMINUM THRESHOLD, WEATHERSTRIPPING, CLOSERS AND BARRIER FREE OPERATORS, ETC. – TYP. REFER TO DOOR NOTES FOR HARDWARE REQUIREMENTS.

2 TYPICAL STOREFRONT GLAZING:
'KAWNEER 1602' or 'ALUMICOR 2500' SERIES FRAMES MIN. 6" BACK SECTION w/ THERMALLY BROKEN, FACTORY SEALED, DOUBLE GLAZED SAFETY GLASS, CLEAR ANODIZED ALUMINUM FRAMES AT UNIT D AND BLACK ANODIZED ALUMINUM FRAMES AT UNIT A, UNLESS OTHERWISE NOTED.

6 TYPICAL STOREFRONT DOOR & GLAZING

SCALE: 1/2"=1'-0"



5 SECTION DETAIL

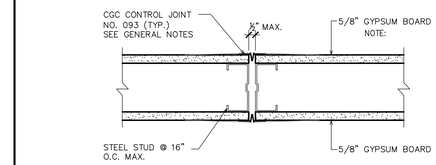
SCALE: 1/2"=1'-0"

4 NOT USED

SCALE: NTS

3 NOT USED

SCALE: NTS

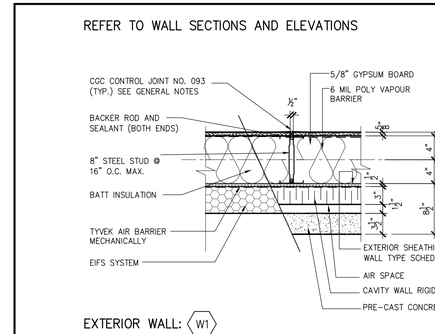


TYPICAL INTERIOR WALL: W2

2 TYPICAL WALL TYPE/ CONTROL JOINT

SCALE: NTS

REFER TO WALL SECTIONS AND ELEVATIONS



EXTERIOR WALL: W1

1 TYPICAL WALL TYPE/ CONTROL JOINT

SCALE: 1"=1'-0"

LLA
ARCHITECTURE+
1858 - 750 LAWRENCE AVENUE WEST
TORONTO, ONTARIO M6A 3B6
V:(416)785-8878 WWW.LLARCH.CA
ANTHONY ZAGARIA
ARCHITECT

MaryBROWNS CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

TYPICAL DETAILS
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A1.3

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.

SYMBOL LEGEND

Symbol	Description
4x	GRID LINE
1 / A4.0 ELEV	ELEVATION REFERENCE
7 / A6.1	DETAIL REFERENCE
W6	WALL TYPE, REFER TO WALL TYPE SCHEDULE.
D00	DOOR TYPE, REFER TO DOOR SCHEDULE.
	LOCATION OF ELECTRICAL SERVICE (PROVIDE FIRE-RATED PLYWOOD BACKER BOARD -TYP.)
	PROPOSED EXIT SIGN/EMERGENCY LIGHT, SEE ELECTRICAL DRAWINGS.
SB	STRUCTURAL BRACING
FD	FLOOR DRAIN
SC	SIAMESE CONNECTION
SP	SPANDREL GLASS
RWL	RAIN WATER LEADER – TO BE LOCATED ON SIDE OF COLUMN HIDDEN FROM ENTRY DOOR (UNLESS OTHERWISE SHOWN ON PLAN), REFER TO FLOOR PLAN.
	WATER VALVE & METER LOCATION, REFER TO MECHANICAL DRAWINGS.
FE	PROVIDE AND INSTALL 2A – 10BC FIRE EXTINGUISHERS, PER NFPA 10 & ALL AUTHORITIES HEAVING JURISDICTION.
PB	BARRIER-FREE PUSH BUTTON PUSH BUTTON TO HAVE NO FACE DIMENSION LESS THAN 6" DIA. OR 2"x 4" RECTANGULAR, BE LOCATED 3'-6"AFF TO CENTERLINE & NOT LESS THAN 2'-0" AND NOT MORE THAN 4'-11" BEYOND THE DOOR SWING WHERE THE DOOR OPENS TOWARDS THE CONTROL, CONTAIN THE SIGN INCORPORATING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY & MEET ALL REQUIREMENTS OF THE O.B.C. AND AUTHORITIES HAVING JURISDICTION.

ELECTRICAL AND MECHANICAL ARE SHOWN FOR REFERENCE ONLY. REFER TO DRAWINGS PREPARED BY ELECTRICAL AND MECHANICAL CONSULTANTS.

WALL TYPE SCHEDULE

EXTERIOR WALL: W1 — REFER TO ELEVATIONS, SECTIONS AND 1/A1.4

TOP OF SLAB TO TOP OF CONCRETE BASE
- 5/8" GYPSUM BOARD, TAPED, SANDED & SEALED – FULL HEIGHT ON,
- 6 mil POLY VAPOUR BARRIER ON,
- 8" METAL STUDS @ 16" O.C. C/W BATT INSULATION (8" MIN.) TO FULL HEIGHT ON,
- 1/2" 'DENS-GLASS GOLD' EXTERIOR SHEATHING ON,
- 'BLUE SKIN' PEEL & STICK AIR BARRIER MEMBRANE ON,
- 3" H.D. (R10) XPS RIGID INSULATION ON,
- 1 1/2" AIR SPACE ON,
- 3 1/2" PRECAST CONCRETE BASE (SEE ELEVATIONS)

TOP OF CONCRETE BASE TO U/S OF SOFFIT OR TOP OF PARAPET
- 5/8" GYPSUM BOARD, TAPED, SANDED & SEALED – FULL HEIGHT ON,
- 6 mil POLY VAPOUR BARRIER ON,
- 8" METAL STUDS @ 16" O.C. C/W BATT INSULATION (8" MIN.) TO FULL HEIGHT ON,
- 1/2" 'DENS-GLASS GOLD' EXTERIOR SHEATHING ON,
- 'BACKSTOP NT' APPLIED AIR BARRIER ON,
- 'DRYVIT' ADHESIVE, IN VERTICALLY NOTCHED TROWEL CONFIGURATION ON,
- DRYVIT OUTSULATION MD BOARD SIZE VARIES ON,
- STUCCO FINISH, REFER TO 07240 OF GENERAL NOTES, PROVIDE 'PANZER' REINFORCING MESH AS NOTED ON SECTIONS

INTERIOR WALL: W2
- 5/8" GYPSUM BOARD TAPED, SANDED, PRIMED AND PAINTED – FULL HEIGHT ON RETAIL/ KITCHEN SIDE ON,
- 6" METAL STUD @ 16" O.C., FILL CAVITY (MIN.6") WITH SOUND BATT INSULATION ON,
- 5/8" PAPERLESS GYPSUM BOARD TO 6" ABOVE CEILING ON WASHROOM SIDE, TAPED, SANDED, PRIMED AND PAINTED.
- BRACE STUDS AS REQUIRED IN CEILING SPACE

WIDTH OF EXIT DOORS BASED ON O.B.C. 3.4.3.2.(1)(a) AT 1/4"/person (6.1mm/pers)

O.L: 158
E.C: 288

O.L: CALCULATED OCCUPANT LOAD
E.C: EXIT CAPACITY PROVIDED

MAX. TRAVEL DISTANCE AND LOCATION OF EXITS IS BASED ON O.B.C. – 3.4.2.4. AND 3.4.2.5.
* –3.4.2.5.(1)(c) : 30m (98'-5")

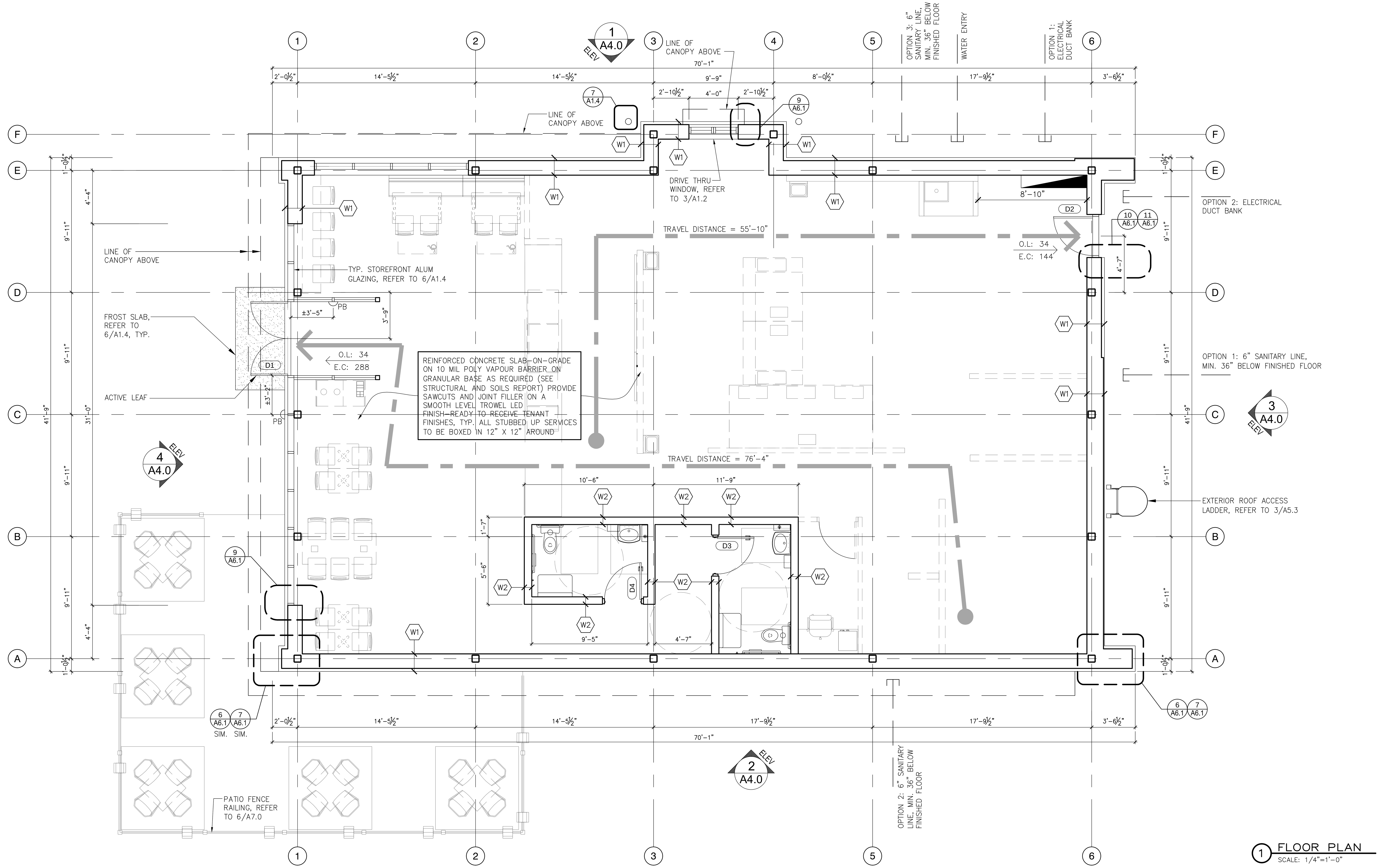
TRAVEL DISTANCE START POINT — TRAVEL DISTANCE DIRECTION

ALL TENANT FIT-UP WORK INCLUDING, BUT NOT LIMITED TO, ANY ADDITIONAL WASHROOMS, EXIT REQUIREMENT, OR SPECIAL REQUIREMENTS LIMITED TO THE TENANT USE SHALL BE SUBMITTED FOR PERMIT BY THE TENANTS UNDER SEPARATE APPLICATIONS FOR ALL WORK NOT INDICATED IN THIS SET OF DRAWINGS.

TENANT SPECIAL NOTES
1. BASE BUILDING CONTRACTOR TO PROVIDE (A MINIMUM OF) FOURTEEN (14) DAYS OF NOTICE PRIOR TO INSTALLING THE DRYWALL ON ALL WALLS.
2. BASE BUILDING CONTRACTOR TO PROVIDE (A MINIMUM OF) TWENTY-ONE (21) DAYS NOTICE PRIOR TO POURING THE FLOOR SLAB – TO ENABLE THE TENANT TO INSTALL ANY ADDITIONAL UNDERSLAB ITEMS.

WALL NOTES

1. ALL DRYWALL SHALL BE TAPED AND SANDED, READY TO ACCEPT TENANT FINISH (FULL HEIGHT)
2. PROVIDE SLIDING CONNECTION TO U/S OF BEAMS, DECK OR JOIST FOR ROOF DEFLECTION.
3. FIRE SEAL HILTI FS601 OR FS-ONE FLEXIBLE FIRE STOP AT ROOF DECK, FLOOR AND ALL WALL PENETRATIONS TO SUIT RATING OF WALL. APPLICATION TO COMPLY WITH MANUFACTURER SPECIFICATION AND TO THE SATISFACTION OF AUTHORITIES HAVING JURISDICTION FOR ALL RATED WALLS.
4. CAULK SEAL AT ROOF DECK, FLOOR AND ALL WALL PENETRATIONS FOR NON-RATED WALLS.
5. CUT DRYWALL TO SUIT ROOF DECK FLUTES AT ALL WALLS, WHERE NOTED.
6. PROVIDE CONTROL JOINTS AS INDICATED IN GENERAL NOTES (SEE SEC. 09250, TYP.)
7. G.C. TO BOX IN ALL SERVICES NOT CONCEALED IN WALLS W/STEEL STUD FRAMING + 5/8" DRYWALL TAPED + SANDED TO 15'-0" A.F.F. C/W ACCESS PANELS
8. ALL DRYWALL TO BE INSTALLED A MIN. OF 1/2" FROM TOP OF CONCRETE SLAB (MAX. 5/8")
9. G.C. TO SCRAPE AND VACUUM CLEAN BOTTOM OF TRACK PRIOR TO INSTALLATION OF INSULATION
10. PROVIDE 1/2" EXTERIOR GRADE PLYWOOD WITH BLUE SKIN PEEL & STICK MEMBRANE (IN SHINGLE CONFIGURATION) AS SHEATHING AT ALL SPANDREL PANEL LOCATION.
11. G.C. TO COORDINATE ELECTRICAL FIXTURE LOCATIONS W/ ELECTRICAL, EIFS AND STUD/GYPSUM BOARD SUBCONTRACTORS. ENSURE ADEQUATE BACKING SUPPORT IS PROVIDED.
12. — — — DENOTES STRUCTURAL BRACING (SEE STRUCTURAL DRAWINGS)



1 FLOOR PLAN
SCALE: 1/4"=1'-0"

LLA ARCHITECTURE+
365A - 700 LAWRENCE AVENUE WEST
TORONTO, ONTARIO M6A 3B4
V:(416)783-6878 WWW.LLARCH.CA
ANTHONY ZAGARIA
ARCHITECT

1.5.2022

TRUE NORTH
CONSTRUCTION NORTH

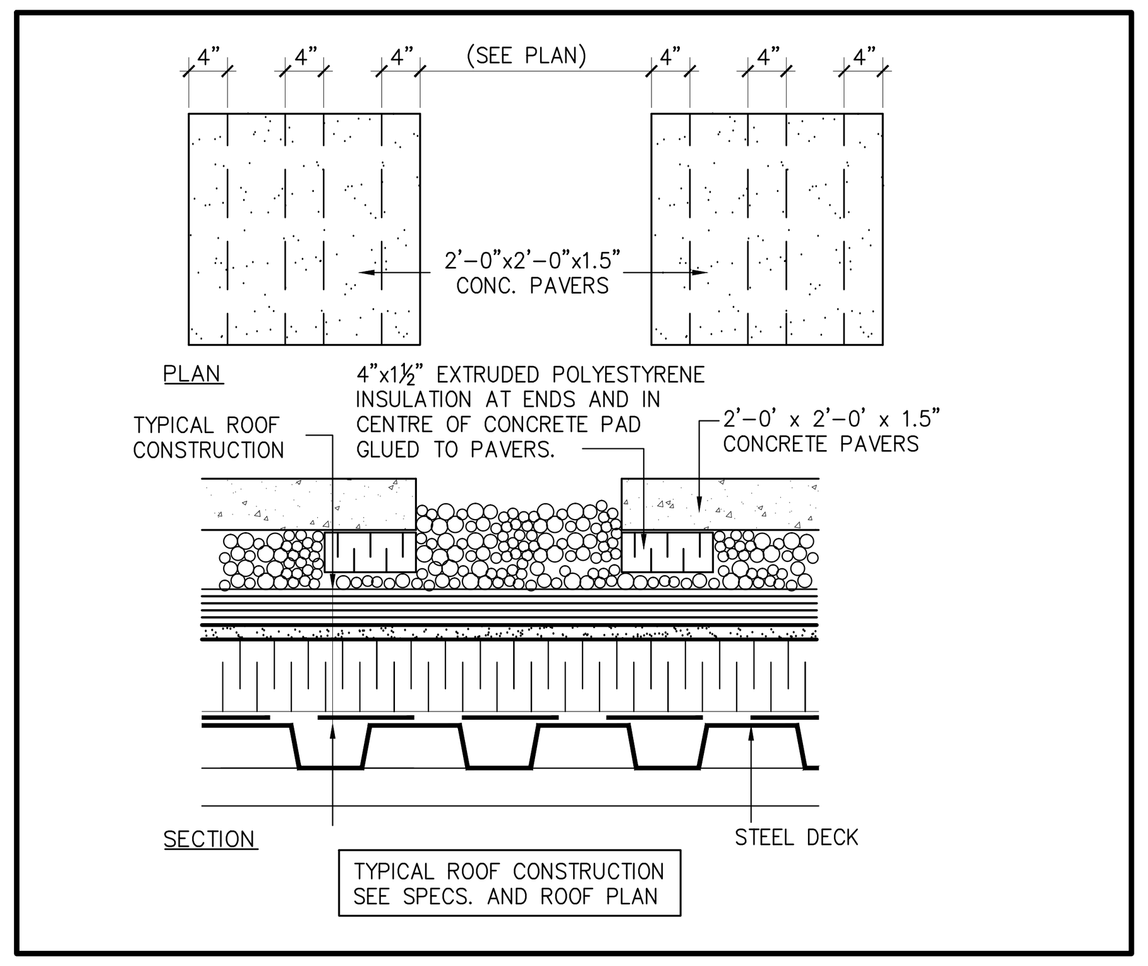
#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

FLOOR PLAN
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

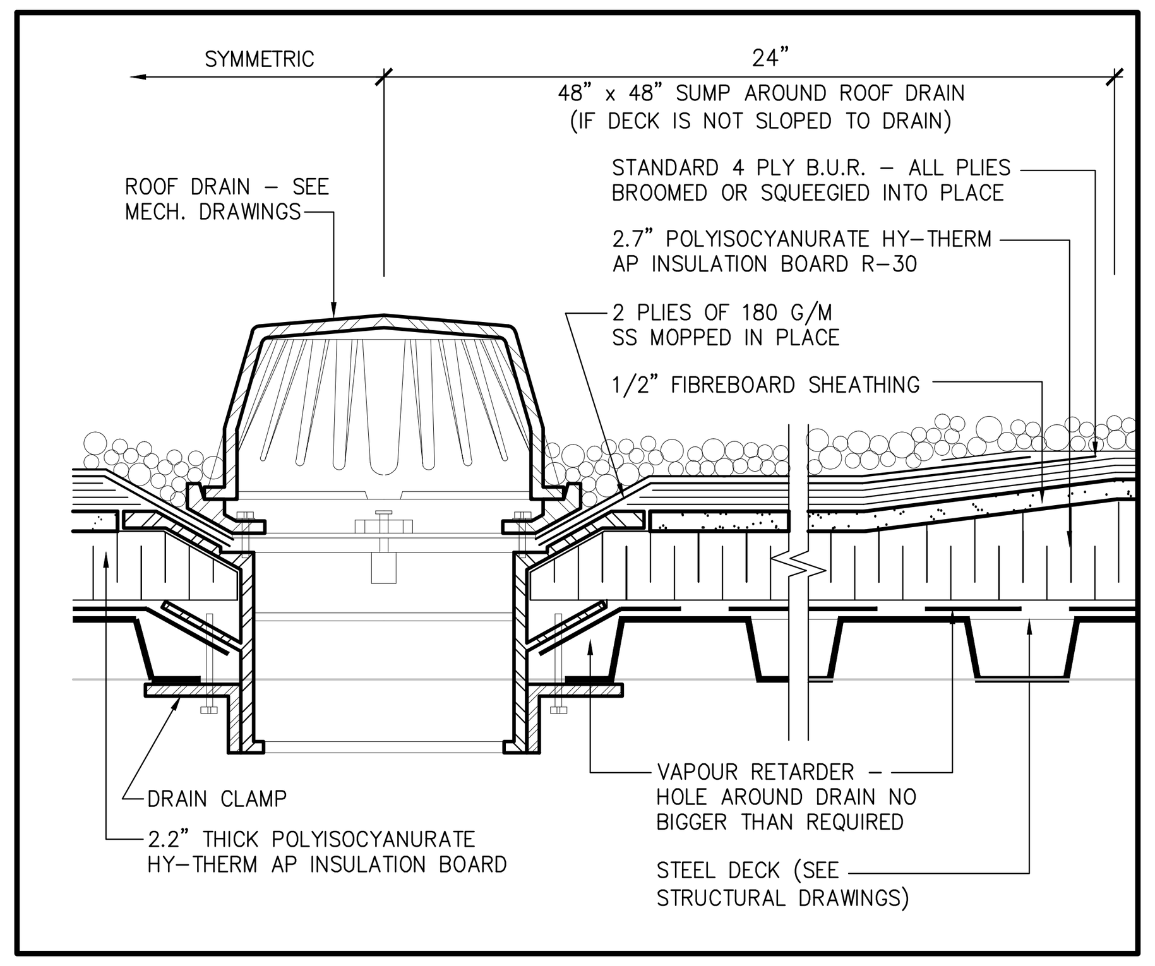
DATE:	MAR 2022
DRAWN BY:	
CHECKED BY:	AZ
COMM. NO.	(21-81)

A2.0

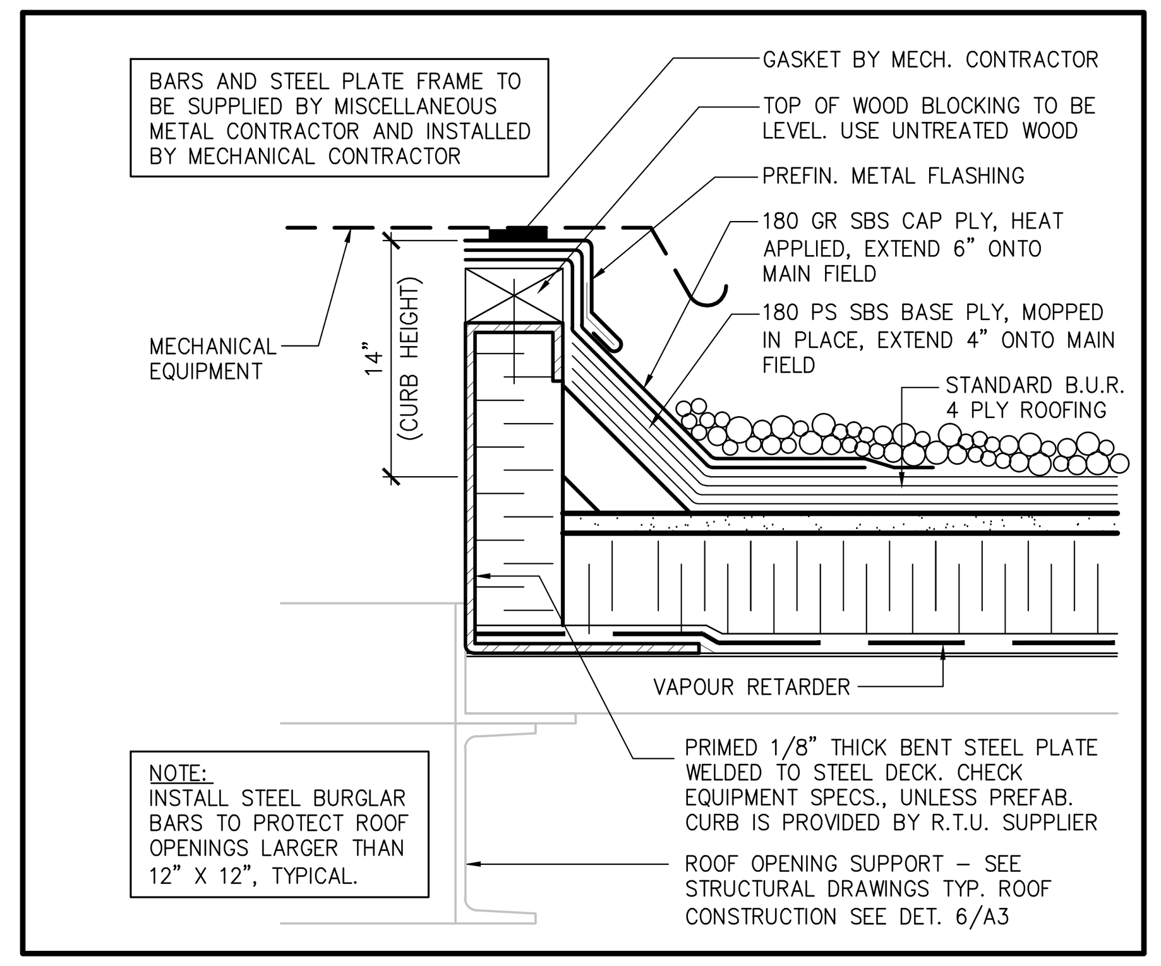
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.



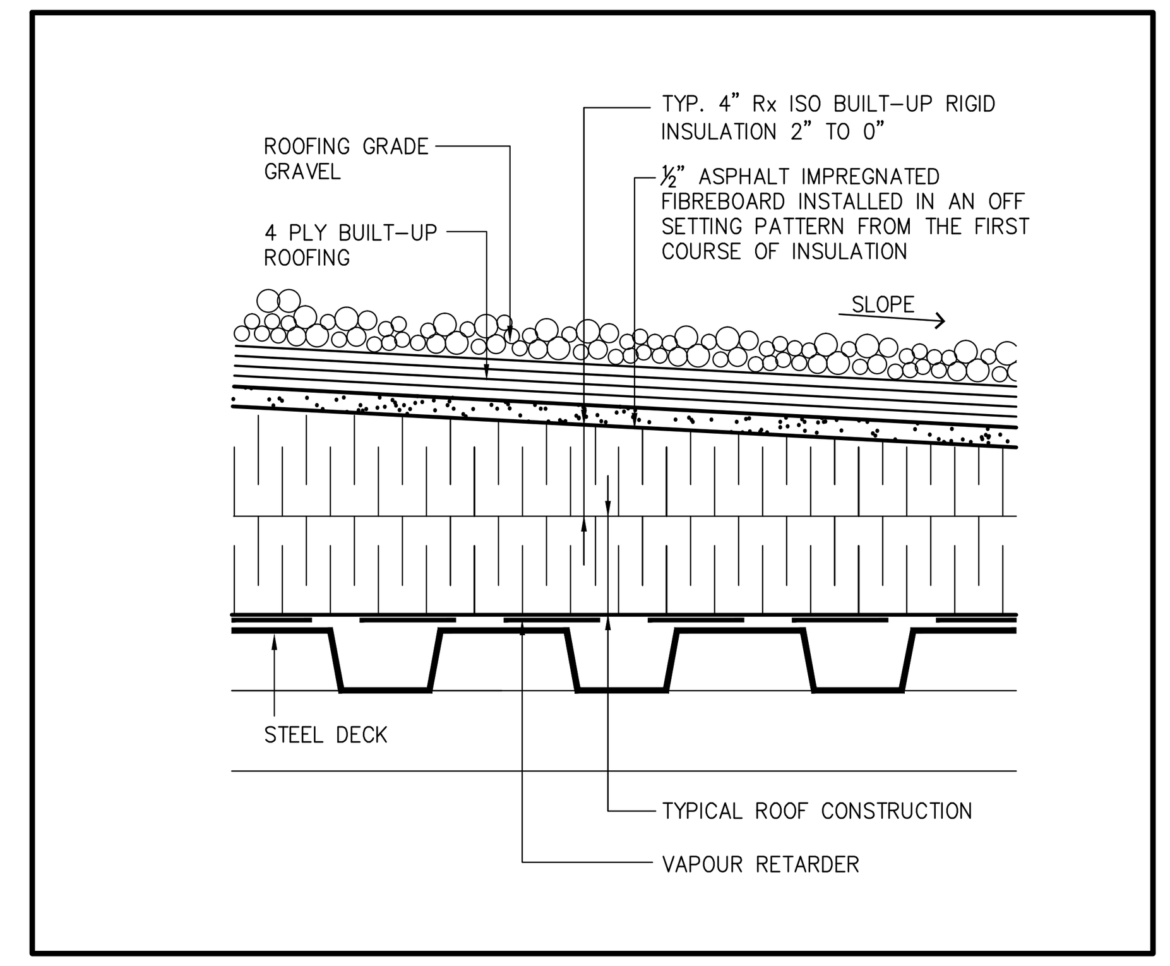
13 TYP. ROOF CONCRETE PAVER DETAIL
SCALE: NTS



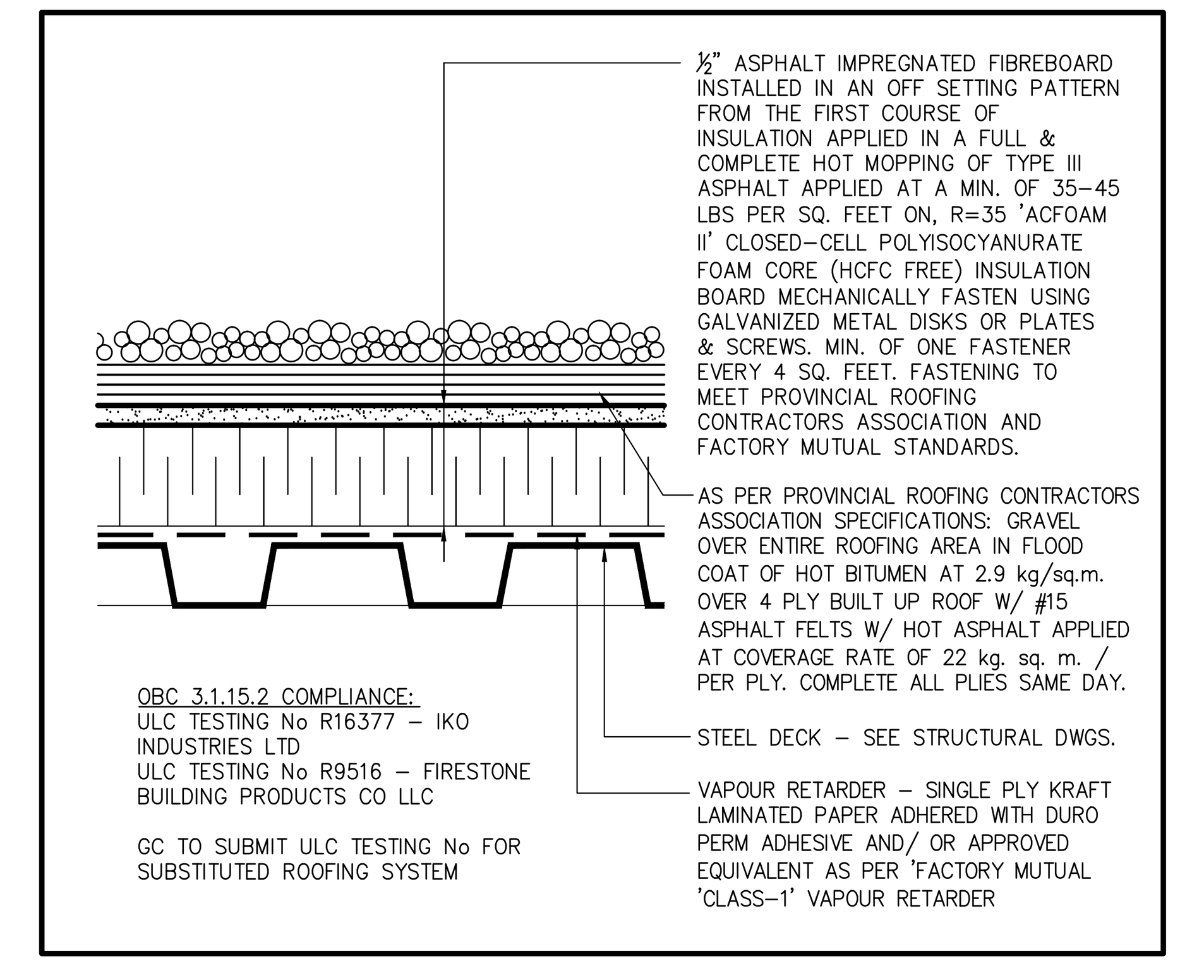
9 SECTION THRU ROOF DRAIN
SCALE: NTS



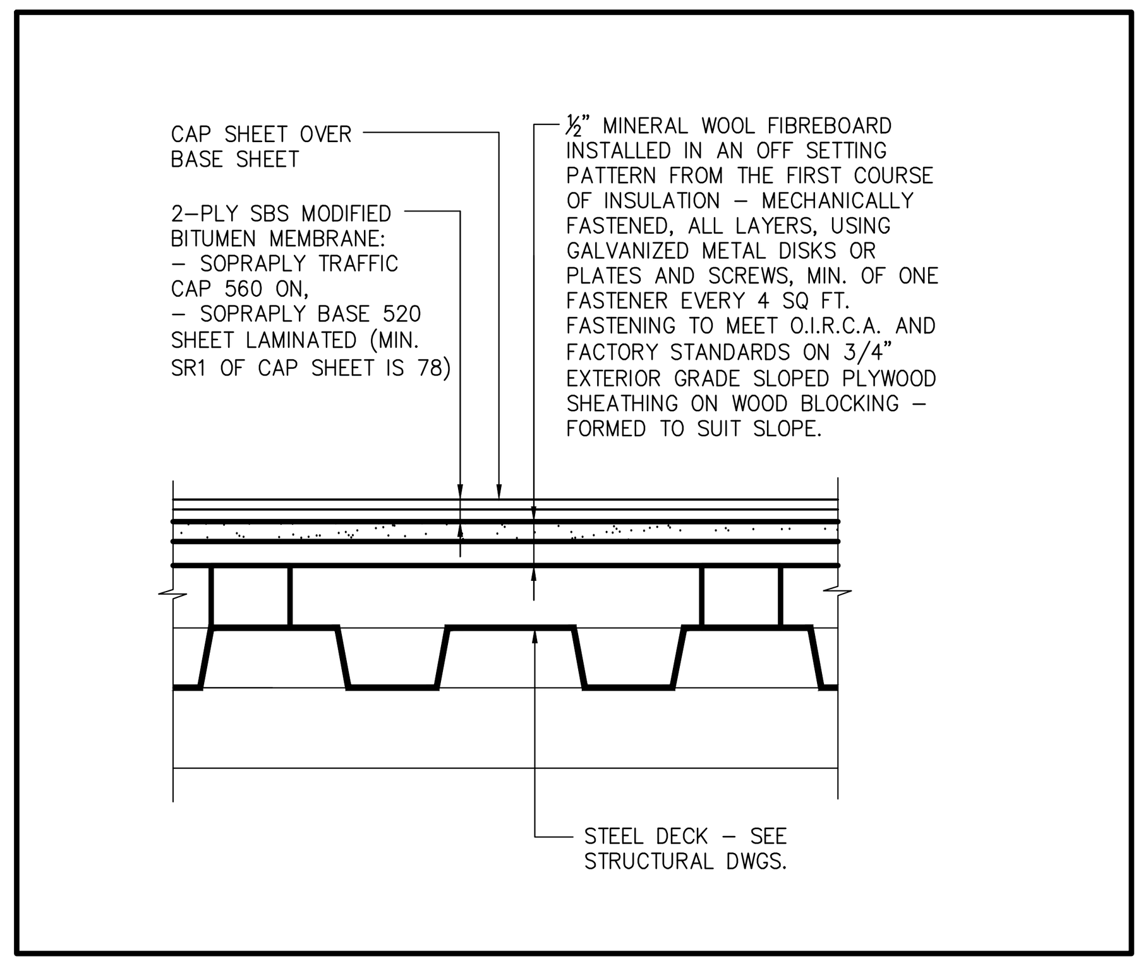
7 EQUIPMENT & DUCT CURB
SCALE: NTS



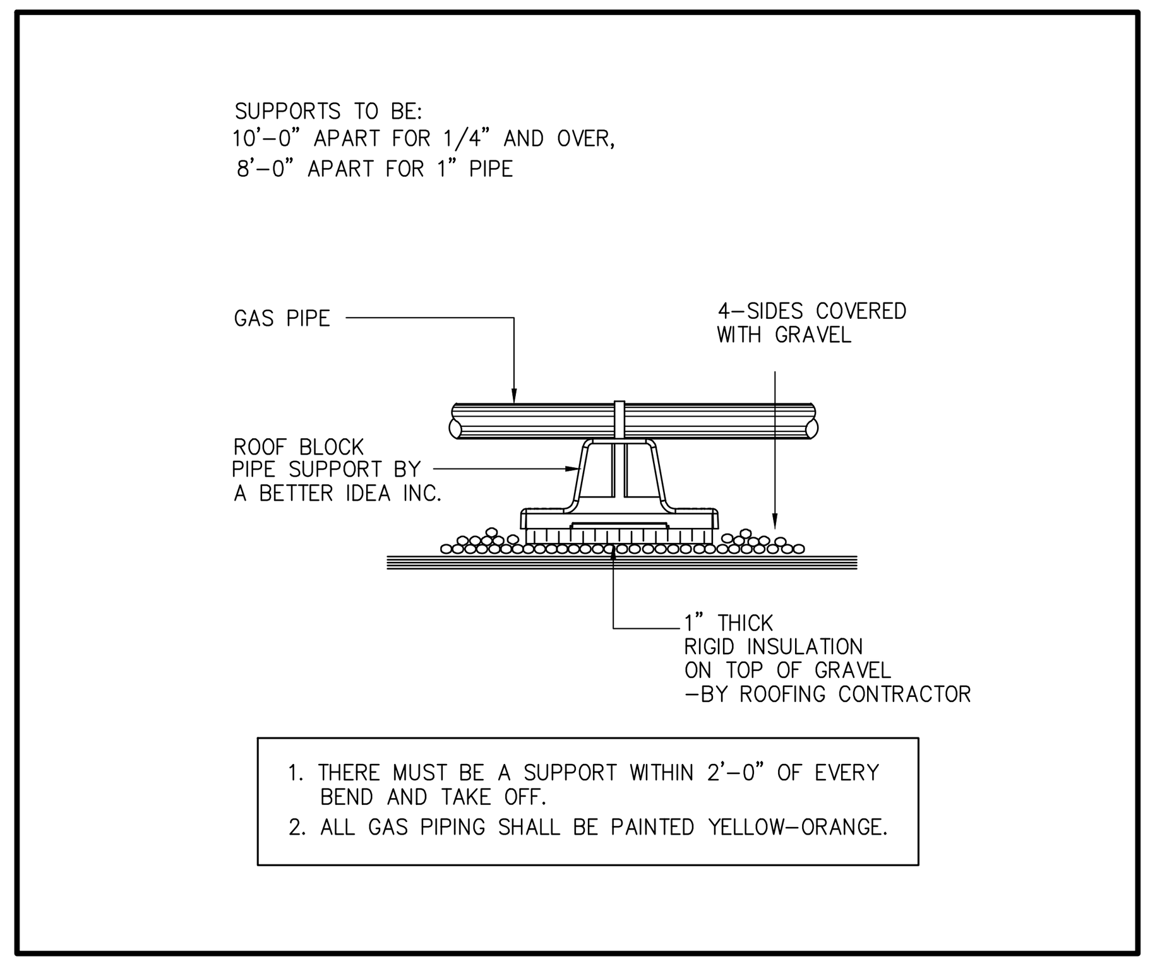
5 ROOF @ SLOPED INSULATION
SCALE: NTS



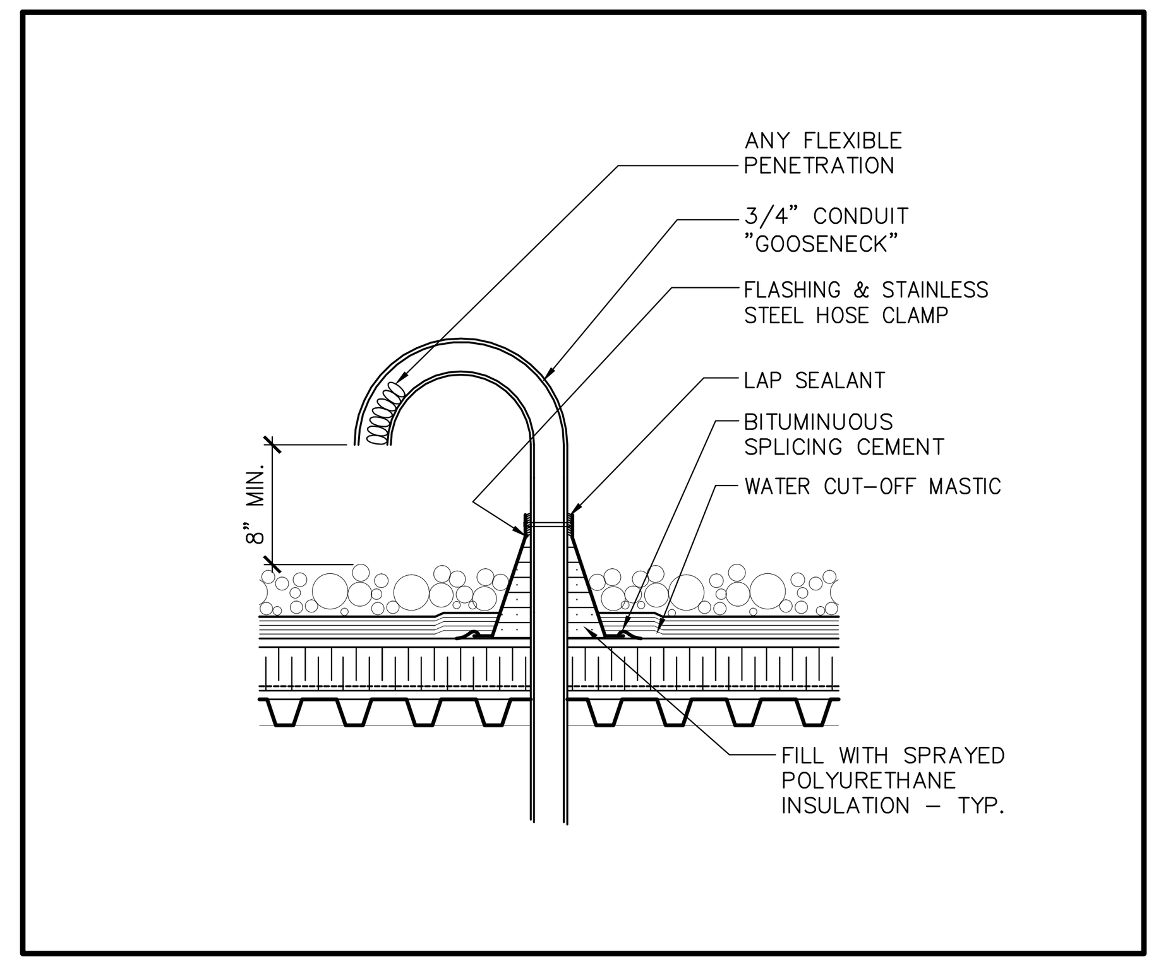
3 ROOFING DETAIL
SCALE: NTS



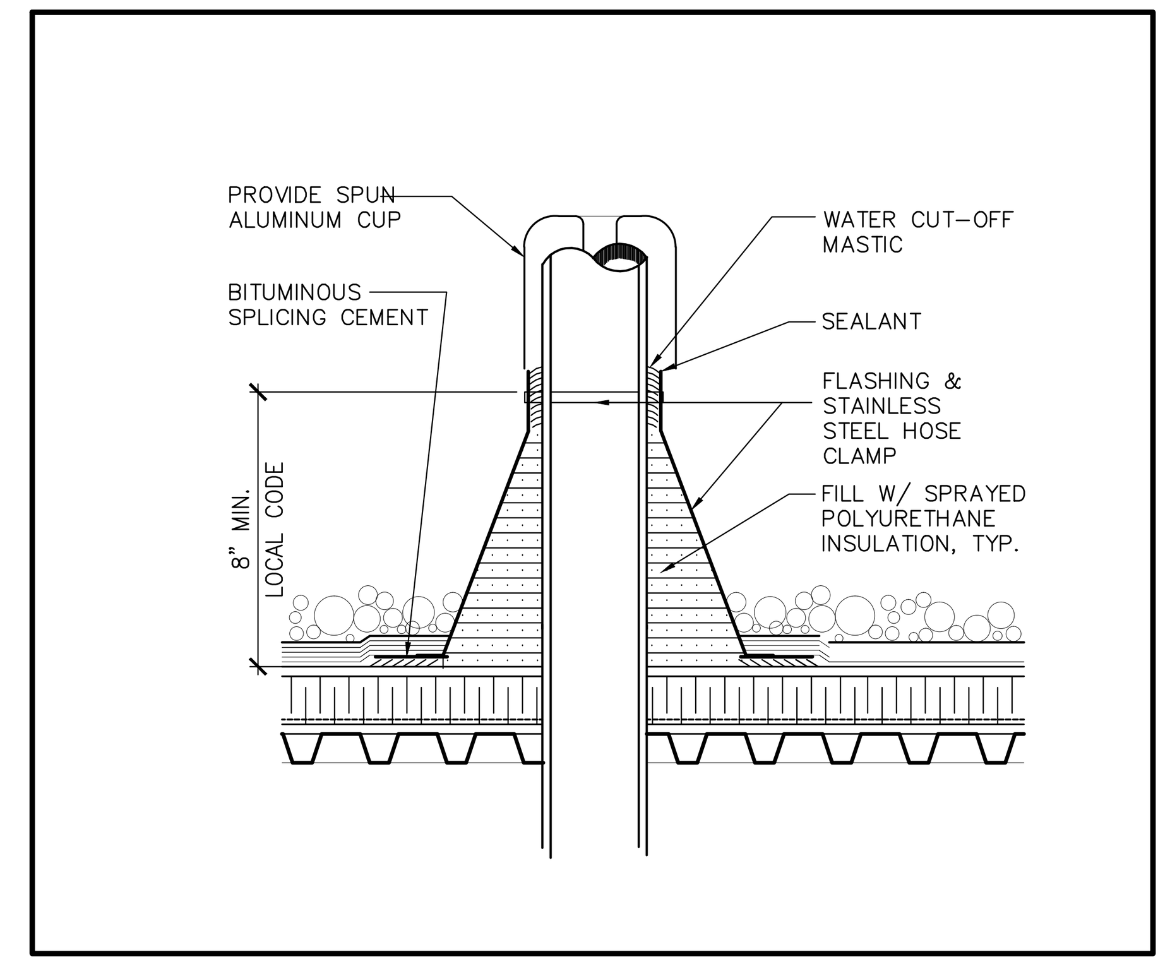
12 2 PLY ROOFING ASSEMBLY @ CANOPY
SCALE: NTS



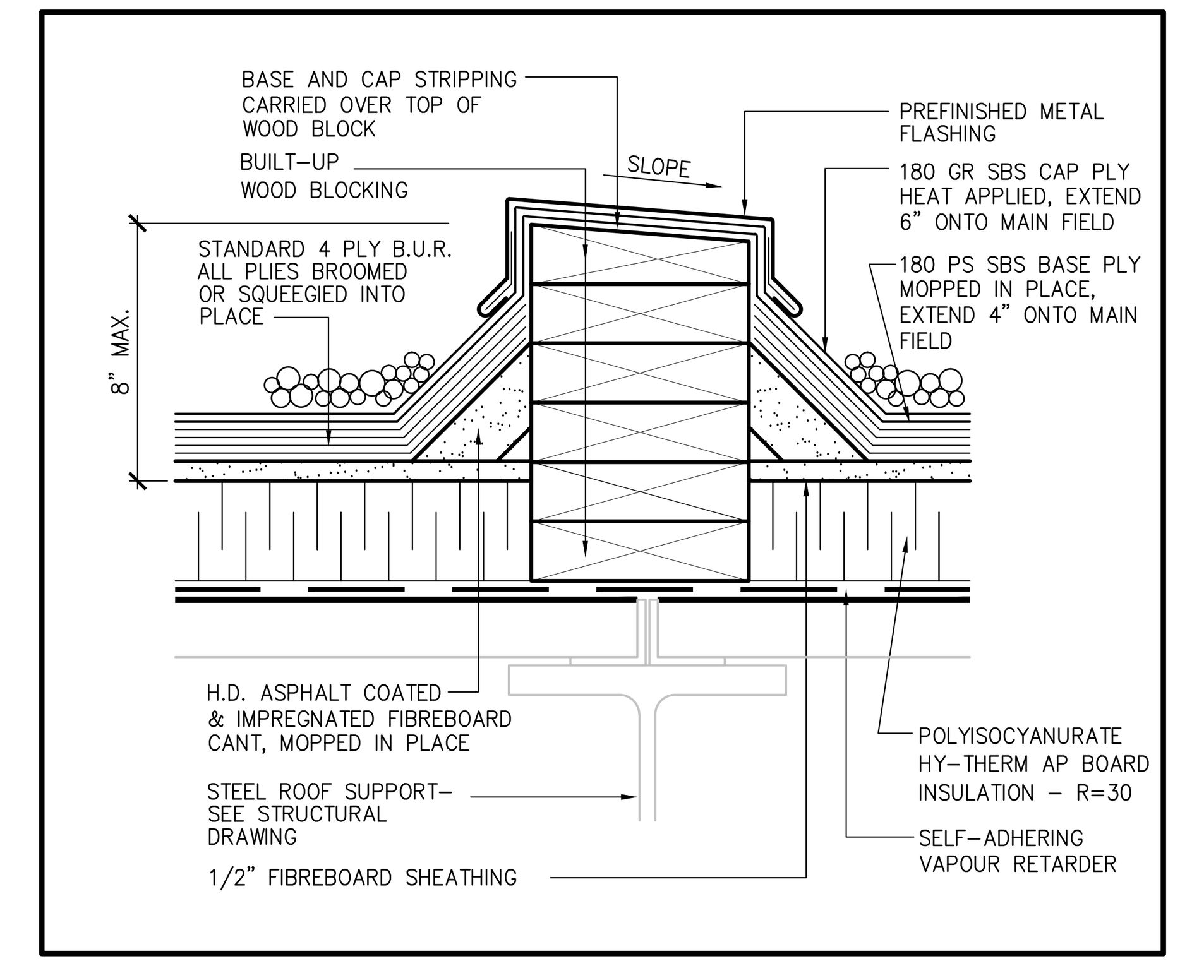
8 GAS LINE SUPPORT DETAIL
SCALE: NTS



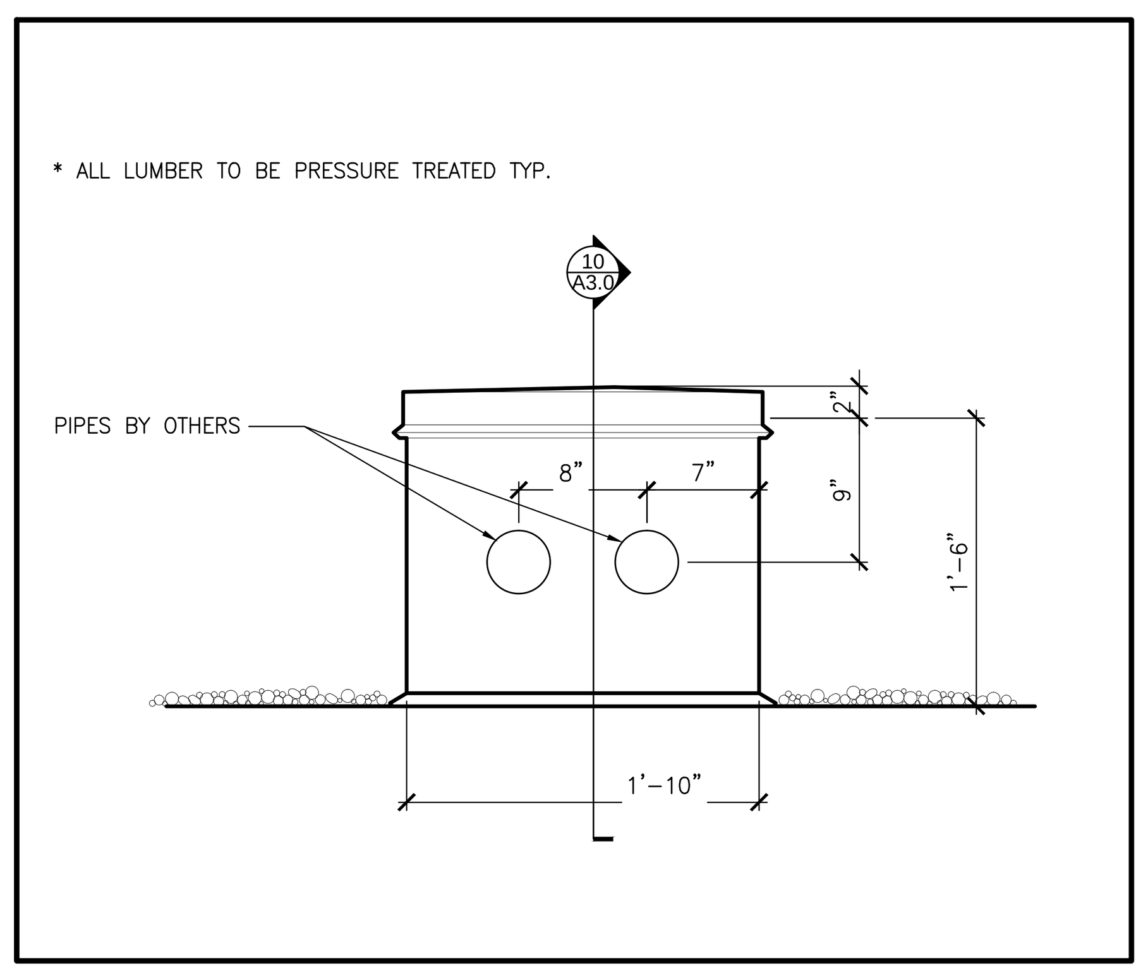
6 FLEXIBLE PENETRATION
SCALE: NTS



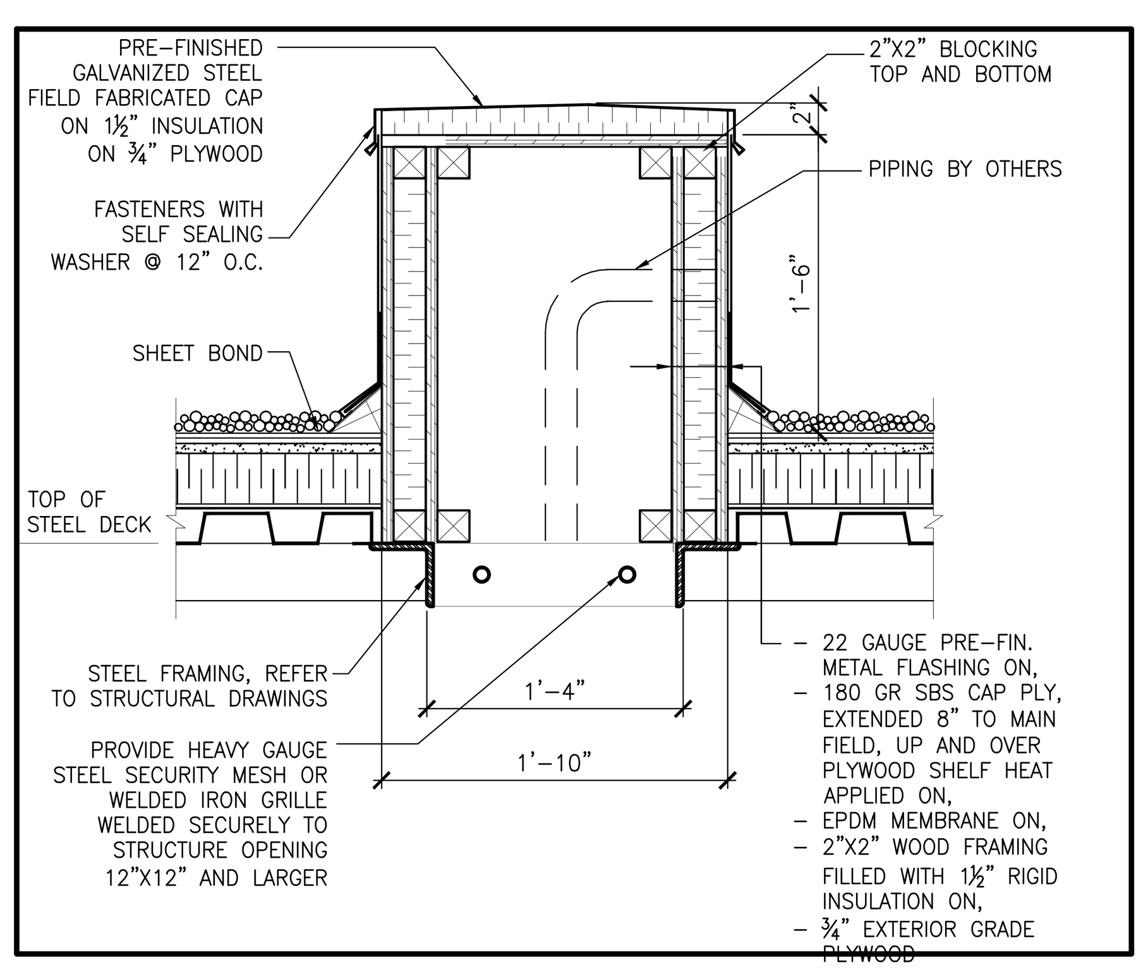
4 PIPE PENETRATION
SCALE: NTS



2 ROOF CURB DETAIL
SCALE: NTS



11 DOG HOUSE ELEVATION
SCALE: NTS



10 SECTION DETAIL
SCALE: NTS

LEGEND/ PARAPET SCHEDULE (SEE ELEVATIONS)

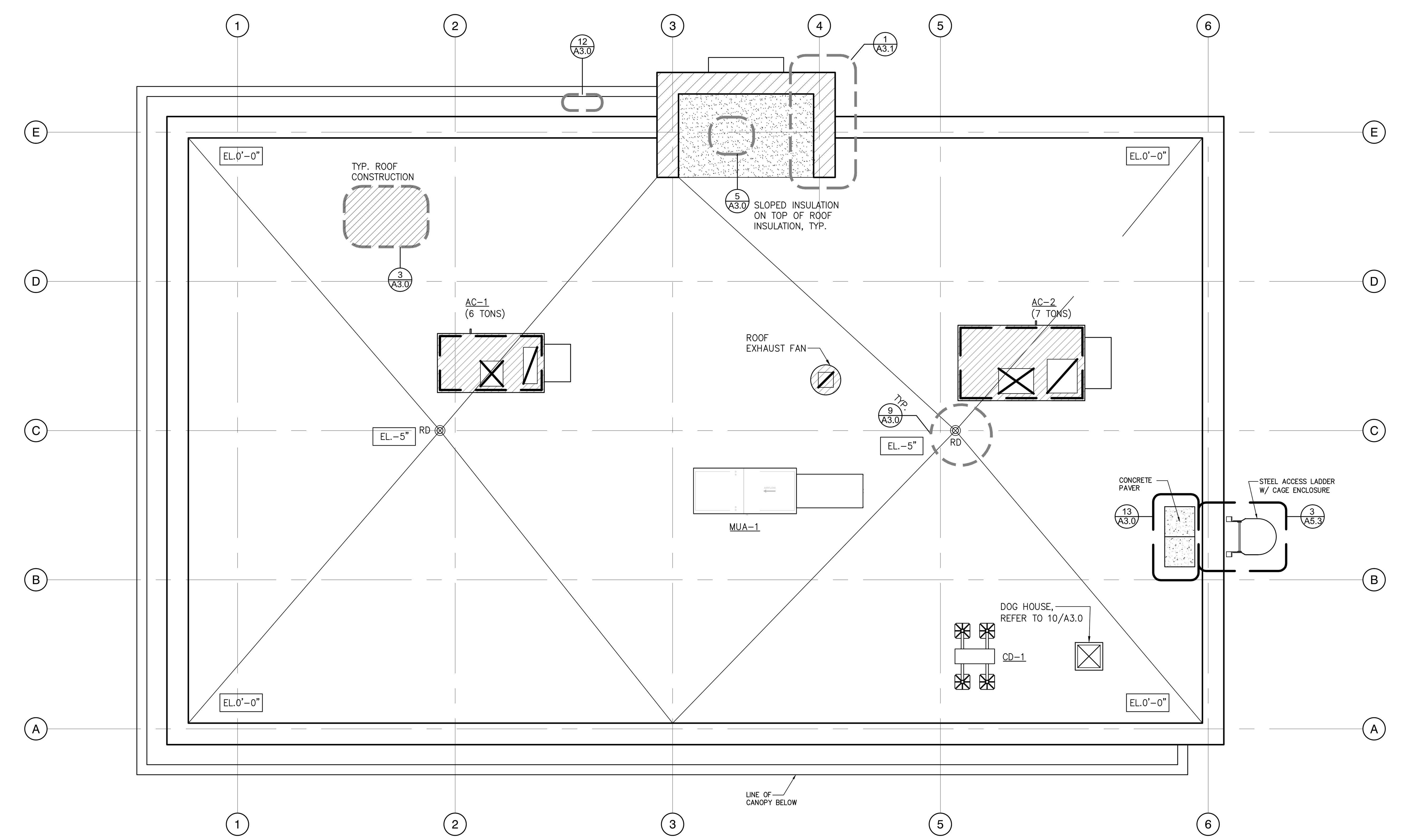
- DENOTES RAISED SIGN WALL
- DENOTES RAISED PARAPET
- DENOTES TYPICAL PARAPET
- RS DENOTES SCUPPER LOCATIONS REFER TO ELEVATIONS
- DENOTES SLOPED INSULATION
- RD ROOF DRAIN

UPLIFT CALCULATION:

GENERAL CONTRACTOR AND ROOFING SUBTRADE TO DEMONSTRATE THAT THE ROOFING SYSTEM SUSTAINS WIND UPLIFT AS REQUIRED UNDER CSA STANDARD A123.21.

ROOF NOTES

1. BASE BUILDING CONTRACTOR TO NOTIFY ROOFING INSPECTOR 7 DAYS PRIOR TO COMMENCEMENT OF ROOF WORK.
2. BUILDING CONTRACTOR TO COORDINATE ALL RTU UNIT LOCATION AND OPENINGS WITH JOIST/ STEEL MANUFACTURER AND ROOF TOP UNIT SUPPLIER/ MANUFACTURER.
3. ROOFER TO EXTEND VAPOUR BARRIER PAST EDGE AT MARQUEE LOCATIONS FOR CONNECTION TO BUILDING VAPOUR BARRIER.
4. BASE BUILDING CONTRACTOR TO PROVIDE (A MINIMUM OF) FOURTEEN (14) DAYS NOTICE PRIOR TO INSTALLING ANY ROOF PENETRATION FOR ALL UNITS.
5. CONTRACTOR TO PROVIDE A MIN. FIVE (5) YEAR ROOF WARRANTY.
6. G.C. TO INSTALL A WATERTIGHT ROOF WITH A MINIMUM LIFE EXPECTANCY OF 10 YEARS.
7. G.C. SHALL SEAL AND MAKE WATERTIGHT ALL ROOF PENETRATIONS PRIOR TO THE POSSESSION DATE.



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

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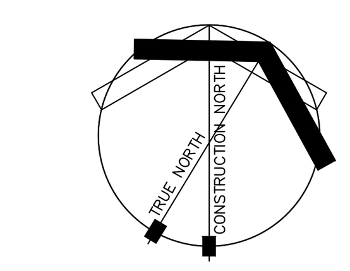
ANTHONY ZAGARIA ARCHITECT

Mary BROWNS CHICKEN

1.5.2022



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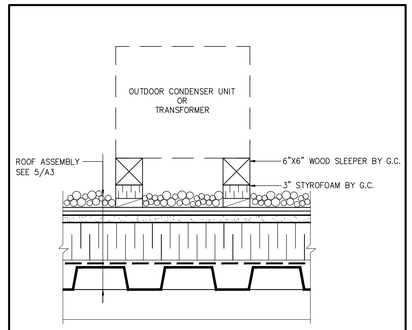
	AZ	MAR 30 2022	REVIEW 1.2.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	MAY 12 2022	REVIEW 1.5.2022

ROOF PLAN
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

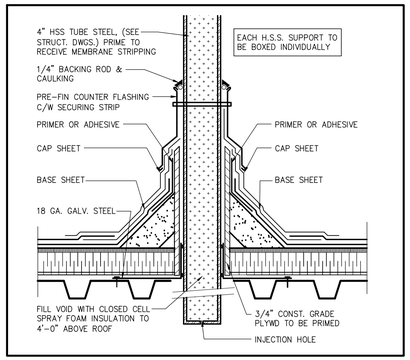
DATE:	MAR 2022
DRAWN BY:	
CHECKED BY:	AZ
COMM. NO.	(21-81)

A3.0

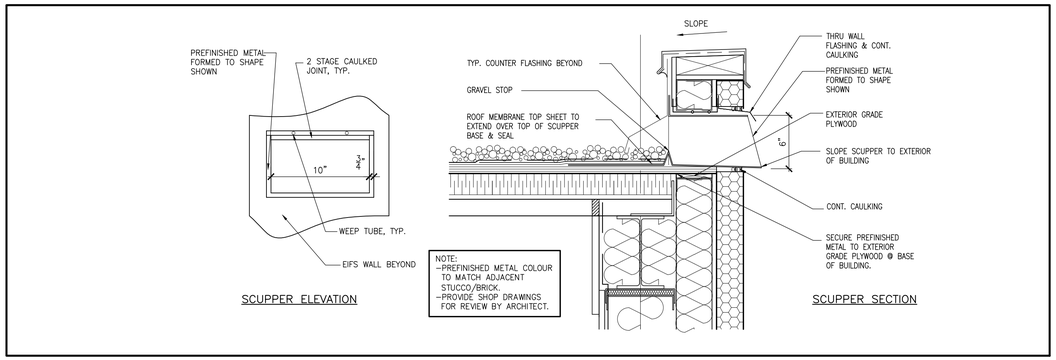
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.



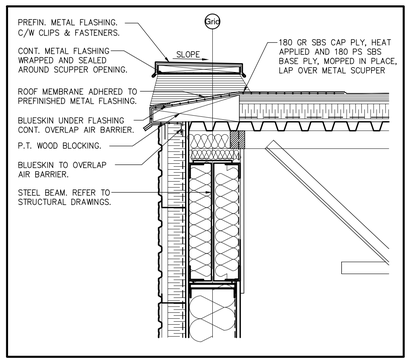
6 OUTDOOR CONDENSER UNIT SUPPORT
SCALE: NTS



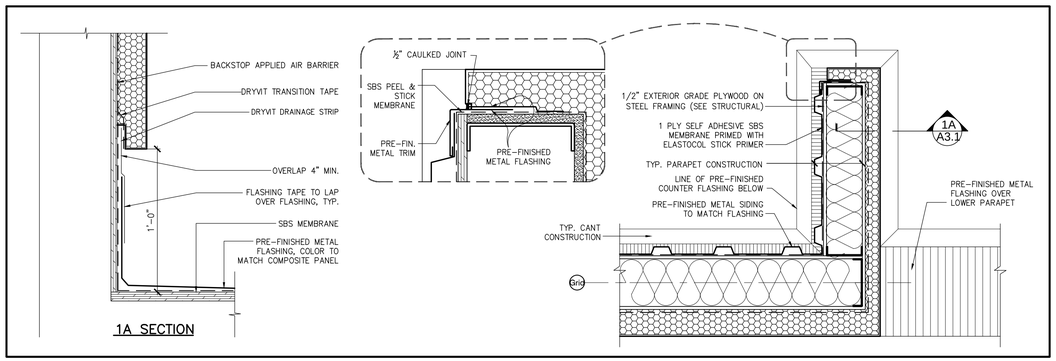
5 STRUCTURAL BRACING DETAIL
SCALE: NTS



4 PARAPET RETURN DETAIL
SCALE: NTS



2 SCUPPER DETAIL
SCALE: 1"=1'-0"



1 PARAPET RETURN DETAIL
SCALE: NTS

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MaryBROWNS CHICKEN

1.5.2022

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ROOF DETAILS

MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
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COMM. NO. (21-81)

A3.1

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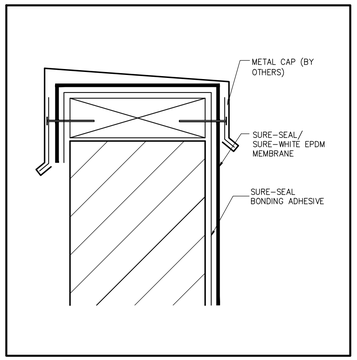
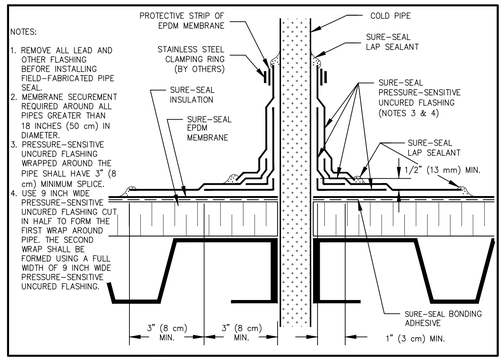
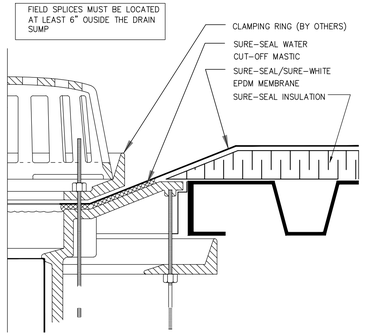


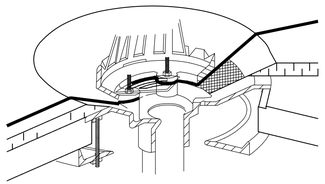
16 PARAPET CAP FLASHING (EPDM)
SCALE: N.T.S.



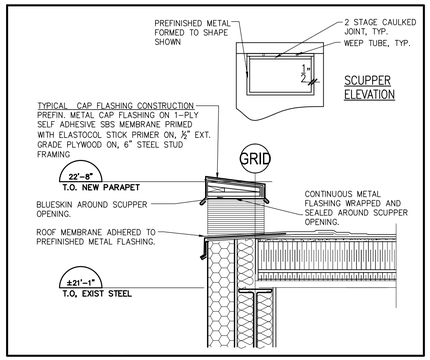
12 FIELD FABRICATED PIPE SEAL (EPDM)
SCALE: NTS



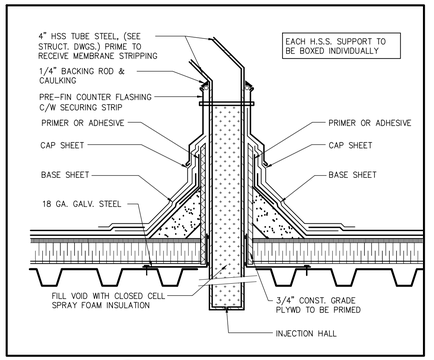
NOTES:
1. REMOVE ALL LEAD AND OTHER FLASHING.
2. ALL BOLTS OR CLAMPS MUST BE IN PLACE TO PROVIDE CONSTANT COMPRESSION ON WATER CUT-OFF MASTIC.
3. CUT THE MEMBRANE SO IT EXTENDS A MINIMUM OF 1/2" (13 mm) FROM THE ATTACHMENT POINTS OF THE DRAIN CLAMPING RING.
4. HOLE IN MEMBRANE MUST EXCEED SIZE OF DRAIN PIPE.
5. INSULATION TAPER SHALL NOT BE STEEPER THAN 6" (150 mm) (VERTICAL) IN 12" (300 mm) (HORIZONTAL).
6. ROOF DRAIN SIZE AND NUMBER OF DRAINS SHALL BE IN ACCORDANCE WITH LOCAL CODES.



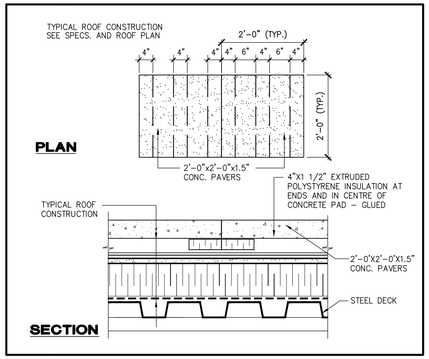
8 ROOF DRAINAGE DETAIL (EPDM)
SCALE: NTS



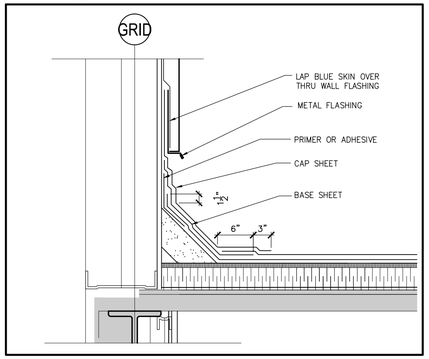
5 SCUPPER DETAIL (2-PLY)
SCALE: NTS



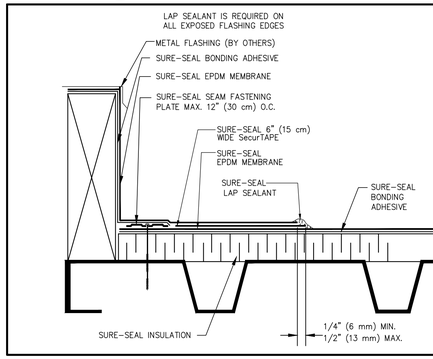
4 BRACING DETAIL (2-PLY)
SCALE: NTS



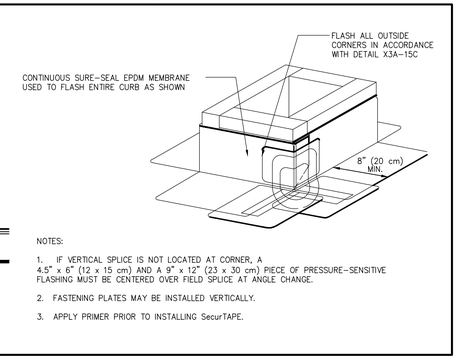
15 ROOF CONCRETE PAVER DETAIL (2-PLY)
SCALE: NTS



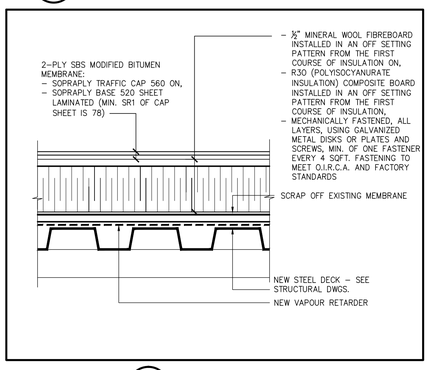
11 SECTION DETAIL (2-PLY)
SCALE: NTS



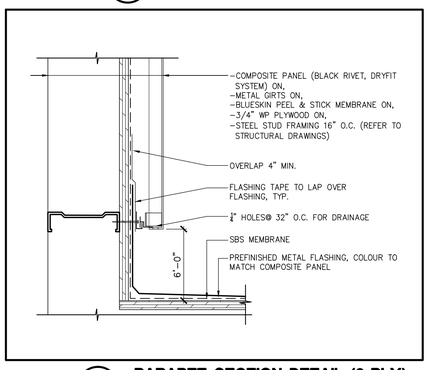
3 CURB FLASHING DETAIL (EPDM)
SCALE: N.T.S.



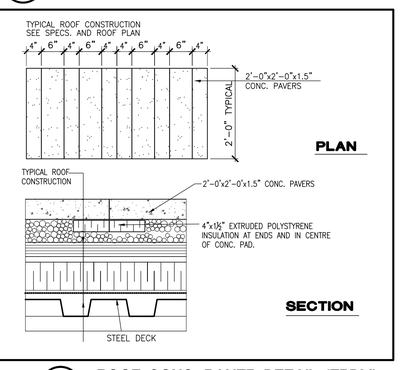
NOTES:
1. IF VERTICAL SPLICE IS NOT LOCATED AT CORNER, A 4.5" x 6" (12 x 15 cm) AND A 9" x 12" (23 x 30 cm) PIECE OF PRESSURE-SENSITIVE FLASHING MUST BE CENTERED OVER FIELD SPLICE AT ANGLE CHANGE.
2. FASTENING PLATES MAY BE INSTALLED VERTICALLY.
3. APPLY PRIMER PRIOR TO INSTALLING SecurTAPE.



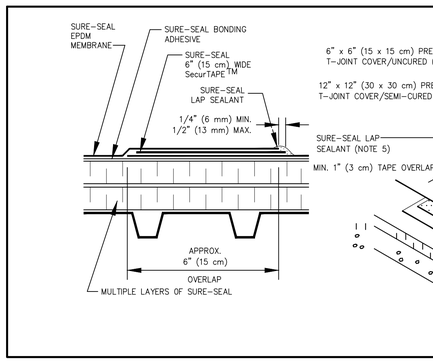
14 ROOFING DETAIL (2-PLY)
SCALE: N.T.S.



10 PARAPET SECTION DETAIL (2-PLY)
SCALE: NTS

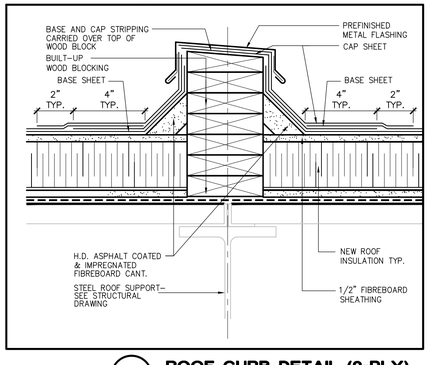


7 ROOF CONC. PAVER DETAIL (EPDM)
SCALE: N.T.S.

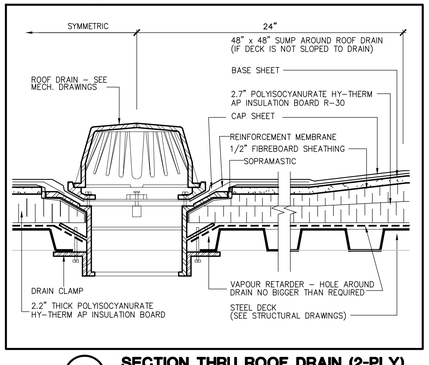


NOTES:
1. PRIOR TO INSTALLATION OF SECURTAPE, APPLY SURE-SEAL PRIMER TO SPLICE AREAS.
2. SECURTAPE IS TO BE OVERLAPPED A MINIMUM OF 1" (3 cm) AT THE ENDS OF EACH CUT PIECE.
3. AT FIELD SPLICE INTERSECTIONS, APPLY A 6" x 6" (15 x 15 cm) PRESSURE SENSITIVE T-JOINT COVER (UNCURED) FLASHING OVERLAID WITH A 12" x 12" (30 x 30 cm) PRESSURE SENSITIVE T-JOINT COVER (SEMI-CURED) FLASHING.
4. INSTALL 3" (8 cm) WIDE SecurTAPE (INCONJUNCTION WITH PRIMER) ALONG LEADING EDGE OF MEMBRANE SPLICE OVERLAPPING EXPOSED SPLICE TAPE FROM THE SEAM.
5. SEAL ALL EDGES WITH LAP SEALANT AS SHOWN ABOVE.

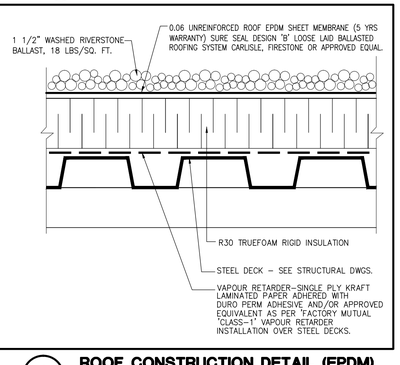
2 MEMBRANE SPLICE DETAIL (EPDM)
SCALE: NTS



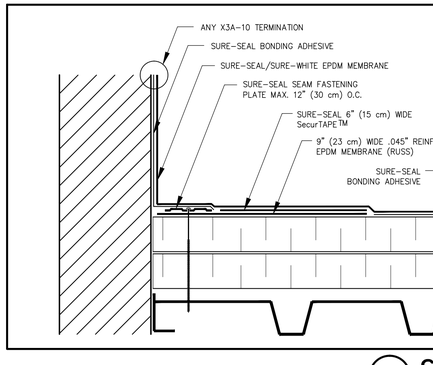
13 ROOF CURB DETAIL (2-PLY)
SCALE: N.T.S



9 SECTION THRU ROOF DRAIN (2-PLY)
SCALE: NTS



6 ROOF CONSTRUCTION DETAIL (EPDM)
SCALE: NTS



NOTES:
1. A 4.5" x 6" (12 x 15 cm) AND A 9" x 12" (23 x 30 cm) PIECE OF PRESSURE-SENSITIVE UNCURED FLASHING MUST BE CENTERED OVER THE FIELD SPLICE AT ANGLE CHANGE.
2. SEAL LL EDGES WITH LAP SEALANT AS SHOWN ABOVE.
3. LOCATE X3A-10 TERMINATION ABOVE ANTICIPATED WATER LEVEL.
4. FOR CORNER APPLICATIONS, SEE DETAILS X3A-15A, X3A-15B, AND X3A-15C.

1 CONTINUOUS WALL FLASHING DETAIL (EPDM)
SCALE: N.T.S.

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ANTHONY ZAGARIA
ARCHITECT

MaryBROWNS CHICKEN

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ALT. ROOFING SYSTEMS (2-PLY & EPDM)
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
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A3.2

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
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LEGEND: EXTERIOR FINISHES

- M1 8" HIGH (NOMINAL) PRECAST CONCRETE SILL IN 8'-0" LENGTHS C/W RE-BAR AS REQUIRED. ALL JOINTS TO BE RAKED AND CAULKED, MITER ALL CORNERS. SMOOTH NATURAL FINISH, TYP.
- S1 STUCCO FINISH, '_____' COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.
- S2 STUCCO FINISH, '_____' COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.
- S3 STUCCO FINISH, '_____' COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.
- S4 STUCCO FINISH, '_____' COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.
- C1 PRE-FINISHED 24 GA CORRUGATED METAL SIDING BY VICWEST, PROFILE #CL 7015R '____' OR APPROVED EQUAL.
- C2 COMPOSITE PANEL INSERT, COLOR 'ORANGE'
- D1 CLEAR ANODIZED ALUMINUM DOOR c/w CLEAR GLAZING (SEE DOOR SCHEDULE).
- F1 PRE-FINISHED METAL CAP FLASHING BY VICWEST, COLOR TO MATCH ADJACENT FINISH COLOR.
- F2 PRE-FINISHED METAL CAP FLASHING BY VICWEST, COLOR TO MATCH ADJACENT FINISH COLOR.
- P1 TYPICAL H.M. DOORS AND FRAMES: PAINTED --AS REQUIRED BY APPLICATION-- H.M. DOOR & FRAME, EXTERIOR SIDE ONLY UNLESS OTHERWISE NOTED. REFER TO PLAN & SCHEDULE. COLOR TO MATCH ADJACENT FINISH COLOR.
- E ILLUMINATED SIGNAGE BY TENANT UNDER SEPARATE PERMIT, PROVIDE EMPTY CONDUIT WITH PULL STRING TO TENANT'S ELECT. PANEL. REFER TO 14/A7 (SEE ELECT.)
- W1 CLEAR ANODIZED ALUMINUM FRAMES c/w CLEAR GLAZING.
- W2 CLEAR ANODIZED ALUMINUM FRAME c/w SPANDREL PANEL.
- G1 CONT. ALUMINUM SNOW GUARD C/W NEOPRENE GASKET AT MATERIAL CONNECTIONS BY ROOF EXPERTS OR APPROVED EQUAL. COLOR TO MATCH ADJACENT FLASHING. PROVIDE SHOP DRAWINGS INCLUDING CONNECTION DETAIL
- ① WALL MOUNTED LED LIGHT FIXTURE – ENTRI LED "ENV" (ROUND REVEALS) BY EATON COOPER INDUSTRIES. PREMIUM COLOR FINISH, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
- ② WALL MOUNTED LED LIGHT FIXTURE – GWC GALLEON WALL LED BY EATON COOPER INDUSTRIES. PREMIUM COLOR FINISH, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.

DENOTES GLAZING – TYPICAL

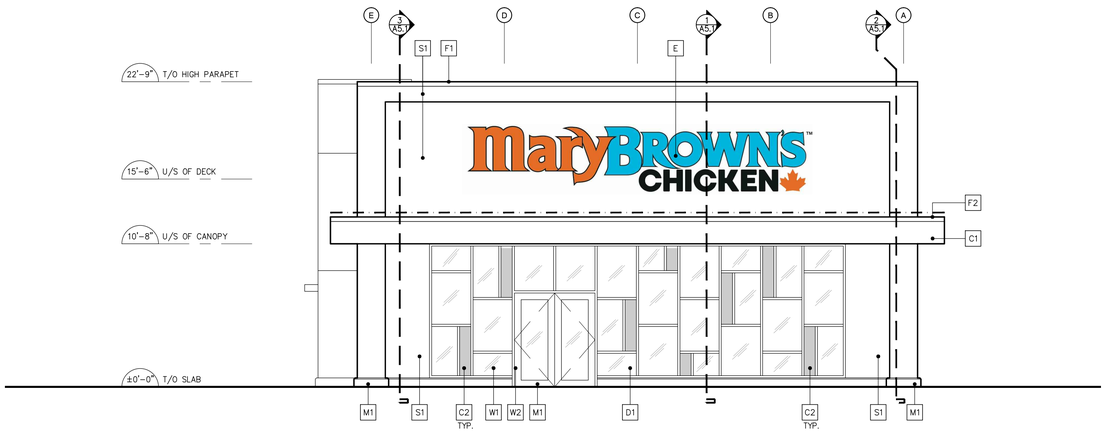
SP DENOTES SPANDREL GLAZING – TYPICAL

HCJ HORIZONTAL CONTROL JOINT, REFER TO X/AX.

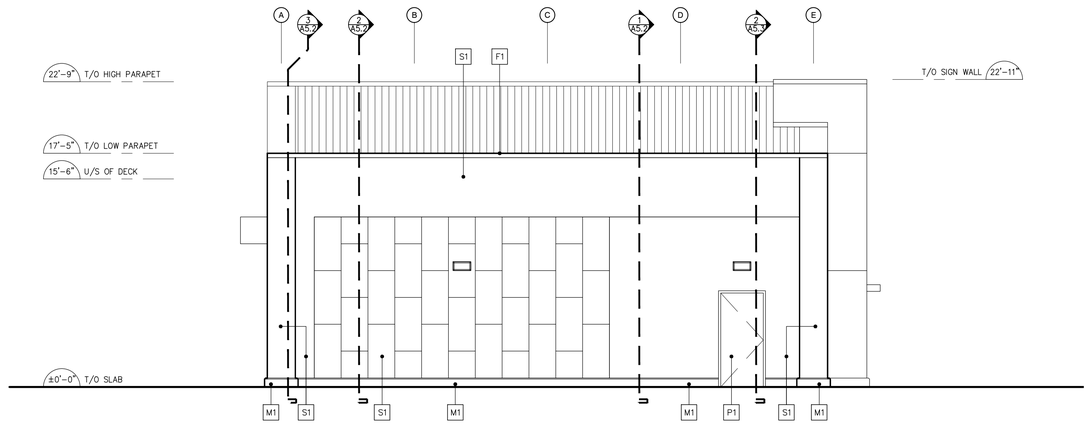
ECJ EIFS CONTROL JOINT, REFER TO X/AX.

⊕ BARRIER-FREE PUSH BUTTON
PUSH BUTTON TO HAVE NO FACE DIMENSION LESS THAN 6" DIA. OR 2"x 4" RECTANGULAR, BE LOCATED 3'-6"AFF TO CENTERLINE & NOT LESS THAN 2'-0" AND NOT MORE THAN 4'-11" BEYOND THE DOOR SWING WHERE THE DOOR OPENS TOWARDS THE CONTROL, CONTAIN THE SIGN INCORPORATING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY & MEET ALL REQUIREMENTS OF THE O.B.C. AND AUTHORITIES HAVING JURISDICTION.

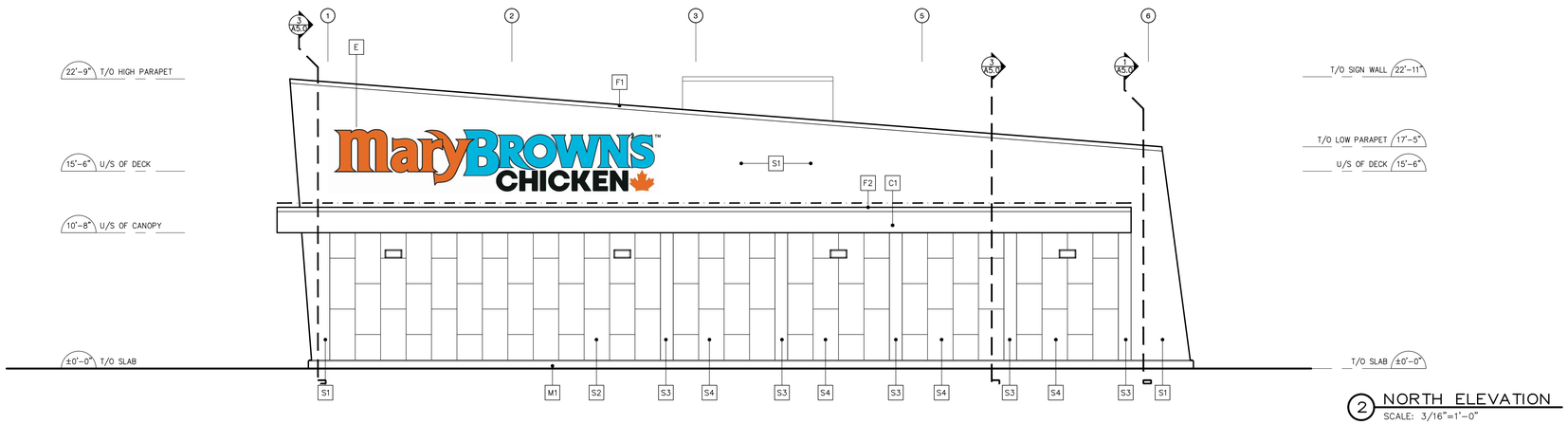
BARRIER FREE ACCESSIBILITY DECAL TO BE SUPPLIED & INSTALLED BY THIS CONTRACTOR



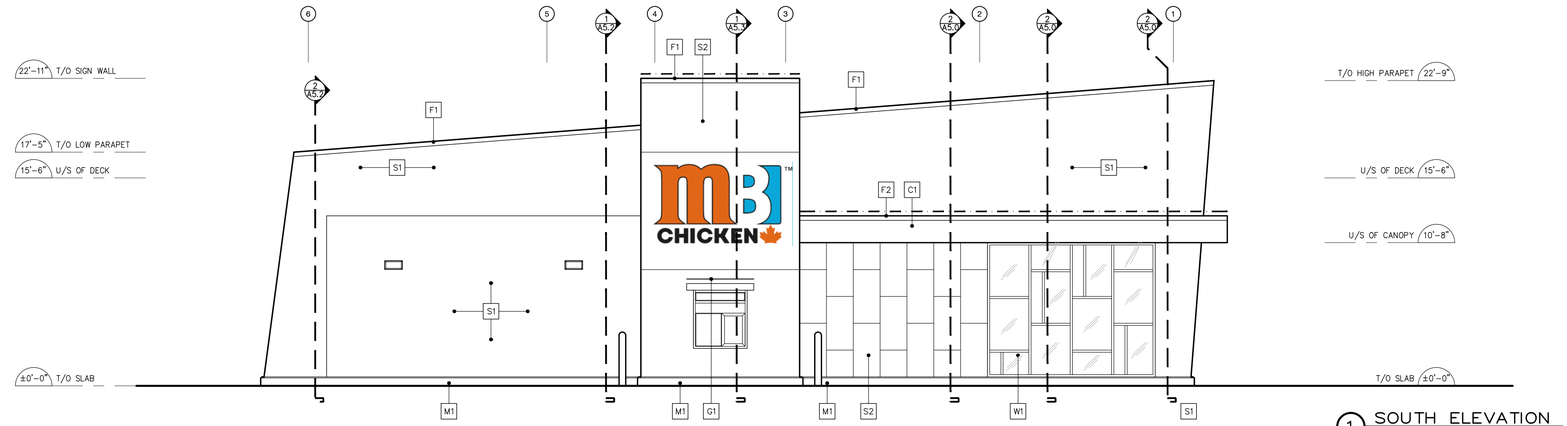
4 EAST ELEVATION
SCALE: 3/16"=1'-0"



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



2 NORTH ELEVATION
SCALE: 3/16"=1'-0"



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

ELEVATION NOTES:

1. PROVIDE PLYWOOD BACKING AT SIGN LOCATIONS AS PER DETAIL 15/A6.0, EXTENT OF PLYWOOD TO BE COORDINATED TO SUIT TENANT'S SIGNAGE REQUIREMENTS, TYPICAL.
2. FOR STRUCTURAL STEEL SUPPORT SEE STRUCTURAL DRAWINGS.
3. THE EIFS ASSEMBLY INCLUDING THE AIR BARRIER (MARKED ALSO AS 'STUCCO FINISH') IS DESIGNED AS DUAL BARRIER DRAINING SYSTEM WITH MIN 10mm AIR SPACE. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT DRYVIT SYSTEMS CANADA CARRIES OUT PERIODIC ON-SITE INSPECTIONS TO ENSURE THAT SYSTEM INSTALLATION COMPLIES AND MEETS THE DESIGN CRITERIA, DRYVIT STANDARDS AND THE PERFORMANCE REQUIREMENTS, FINAL CERTIFICATION TO THIS EFFECT TO BE ISSUED BY DRYVIT AT COMPLETION OF CONSTRUCTION.
4. GENERAL CONTRACTOR TO ENSURE ALIGNMENT OF MASONRY CONTROL JOINTS WITH EIFS CONTROL JOINTS. ANY MISALIGNMENT WILL BE REJECTED.
5. CONTRACTOR TO GRIND CLEAN ANY ACCESS CONCRETE ON FOUNDATION WALL AND FILL IN VOIDS (WITH AN EPOXY BASE FILLER), DUE TO FORMING, AND PAINT USING 'DEMANDIT' BY DRYVIT.
6. PROVIDE HORIZONTAL EXPANSION JOINTS AT UNDERSIDE OF ALL BEAMS AND VERTICAL/HORIZONTAL CONTROL JOINTS AT CONNECTION OF DISSIMILAR SHEATHINGS.
7. AT ALL WALL MOUNTED LIGHT FIXTURES PROVIDE ADEQUATE BACKING SUPPORT. G.C. TO COORDINATE GYPSUM BOARD, MASONRY, EIFS AND ELECTRICAL SUB TRADES.
8. ENSURE OF BOTTOM CAVITY TO BE FREE OF MORTAR DROPPINGS AND EIFS BOARD DUST. SHOULD BLOCKAGE OCCUR OR BE OBSERVED ON SITE, WHEN MASONRY ACHIEVES FULL STRENGTH, REMOVE EVERY THIRD BLOCK, CLEAN BOTTOM OF CAVITY AND REINSTATE MASONRY UNITS – TYP.
9. PROVIDE PHYSICAL SAMPLES – 4 MIN. OF ALL EXTERIOR FINISHES FOR REVIEW AND APPROVAL.

BIRD DETERRENT SHOCK TRACK SYSTEM

SUPPLIED BY GRAYBAR
INSTALL ON PARAPET UNDER CANOPY W/ 110V CHARGER. INSTALL PER MANUFACTURERS RECOMMENDATIONS. REFER TO ELECTRICAL DRAWINGS.

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ANTHONY ZAGARIA
ARCHITECT

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EXTERIOR ELEVATIONS

MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
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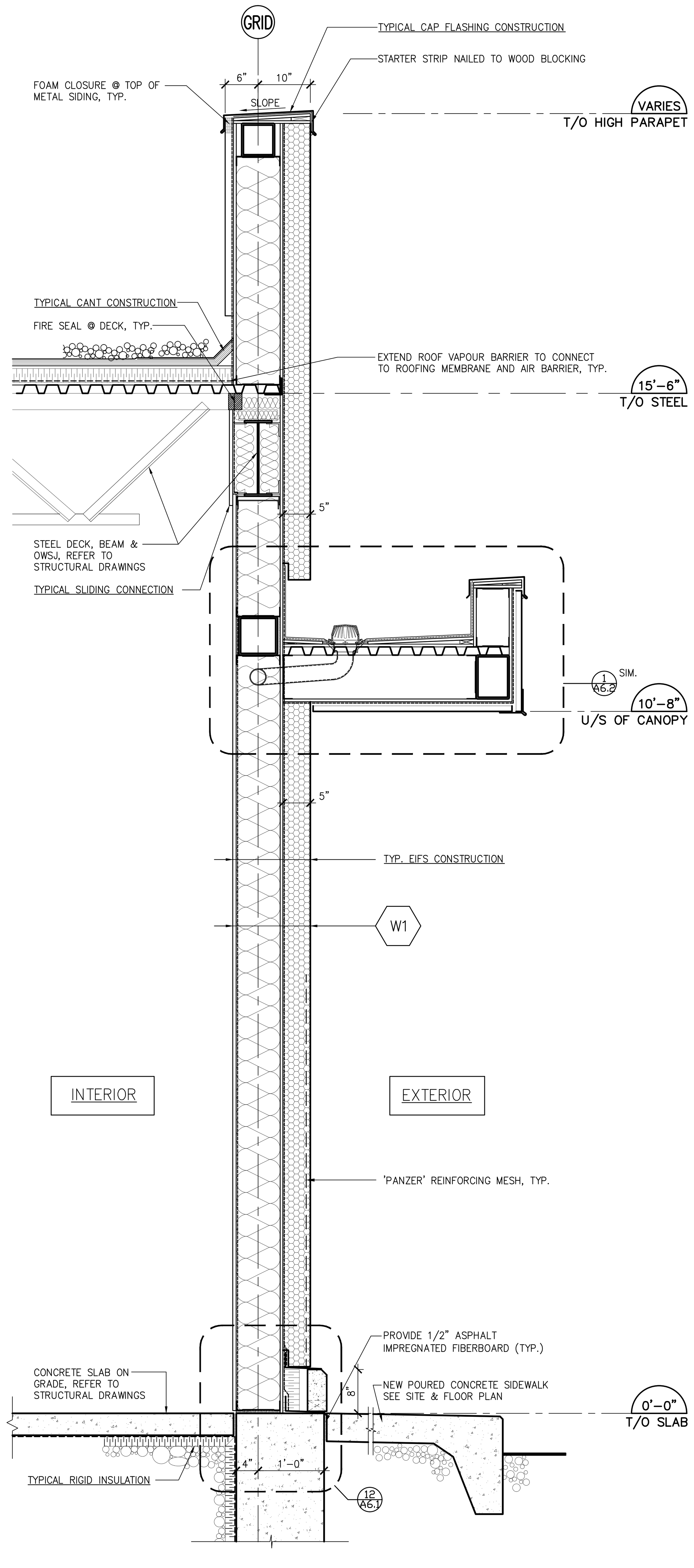
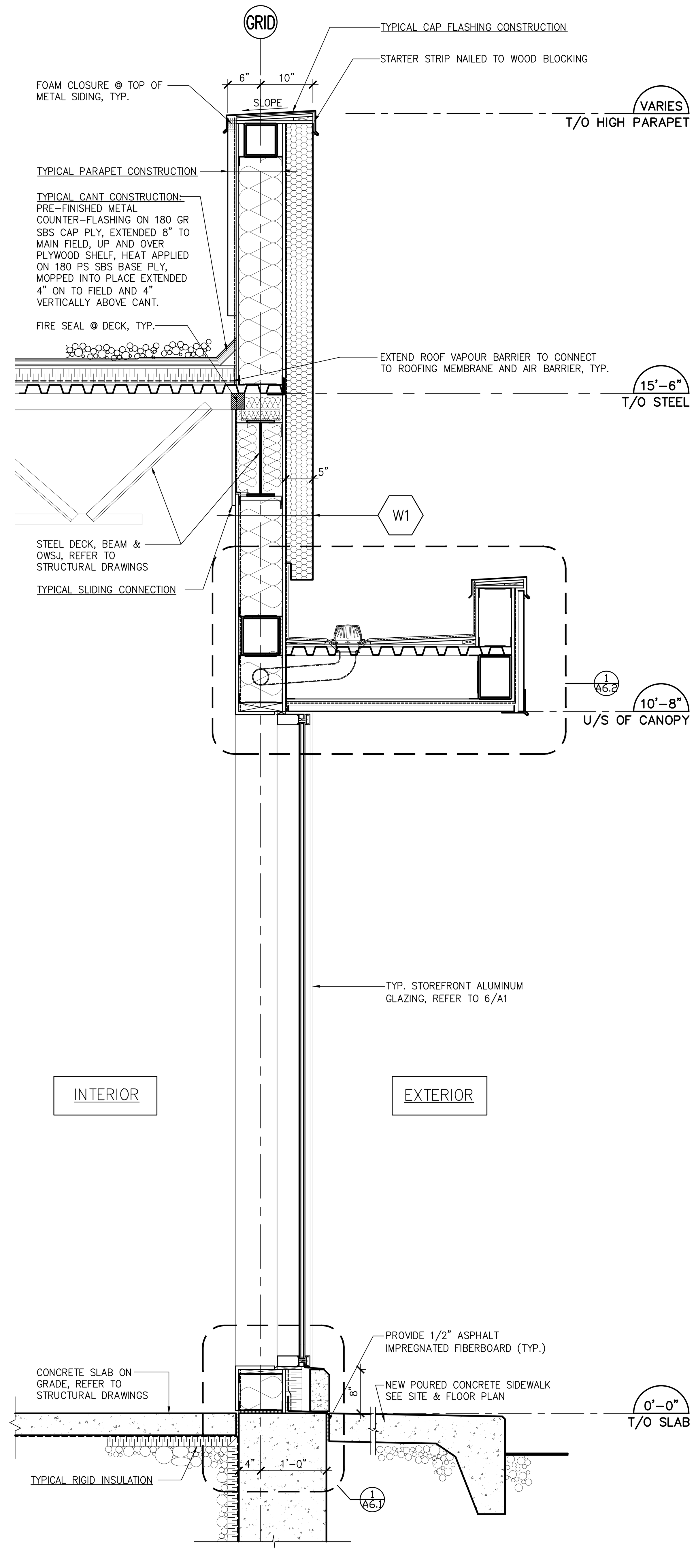
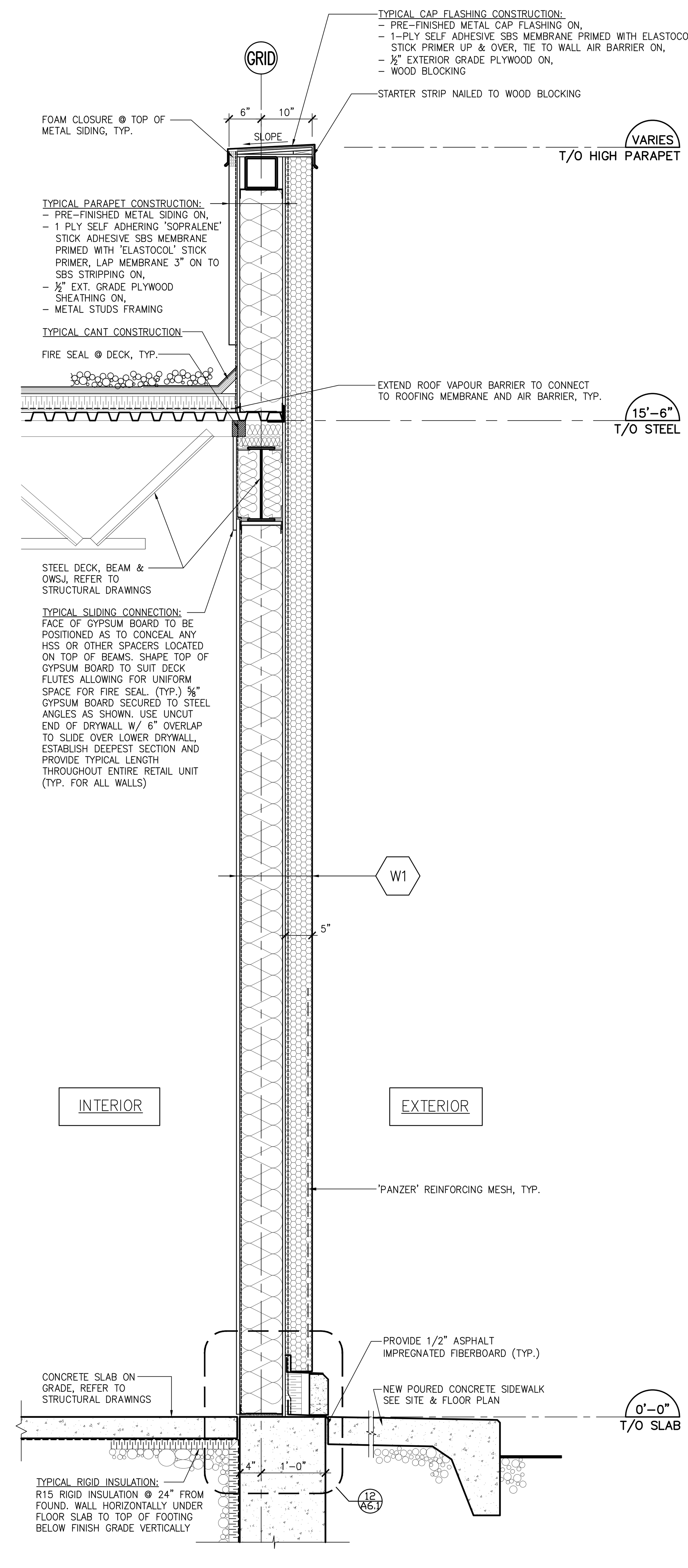


3 **WALL SECTION**
SCALE: 3/4" = 1'-0"



2 **WALL SECTION**
SCALE: 3/4" = 1'-0"



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

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ARCHITECT

MaryBROWN'S CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

WALL SECTIONS
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE:	MAR 2022
DRAWN BY:	
CHECKED BY:	AZ
COMM. NO.	(21–81)

A5.0

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
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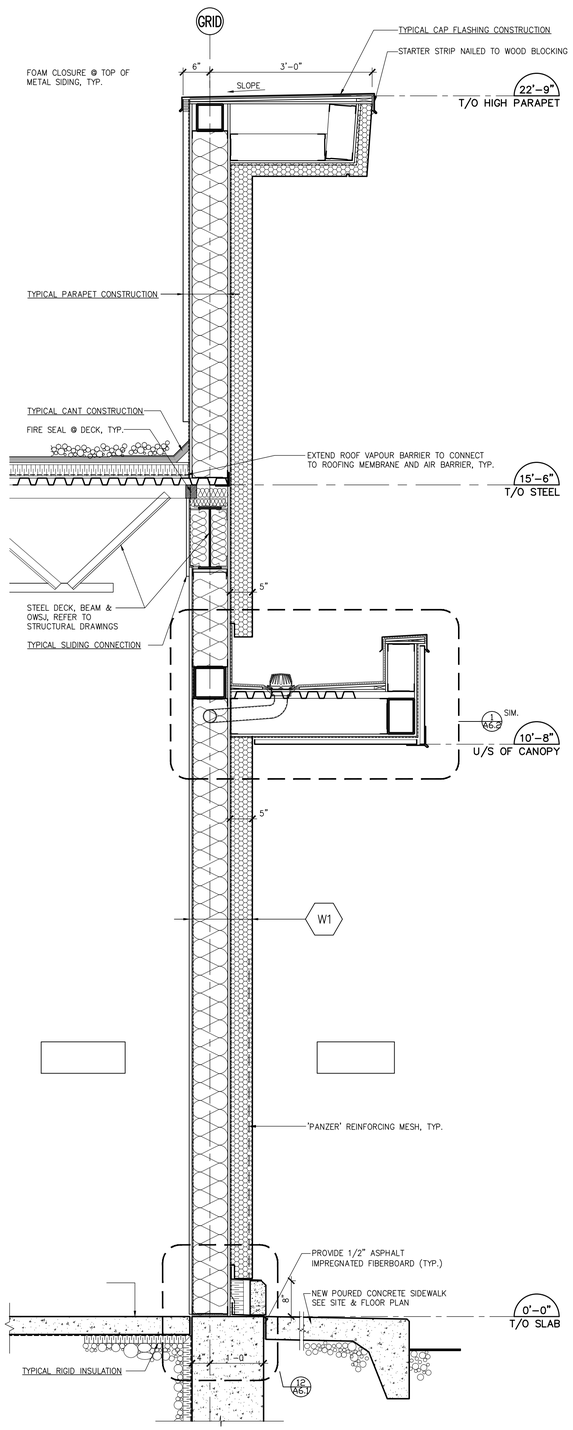
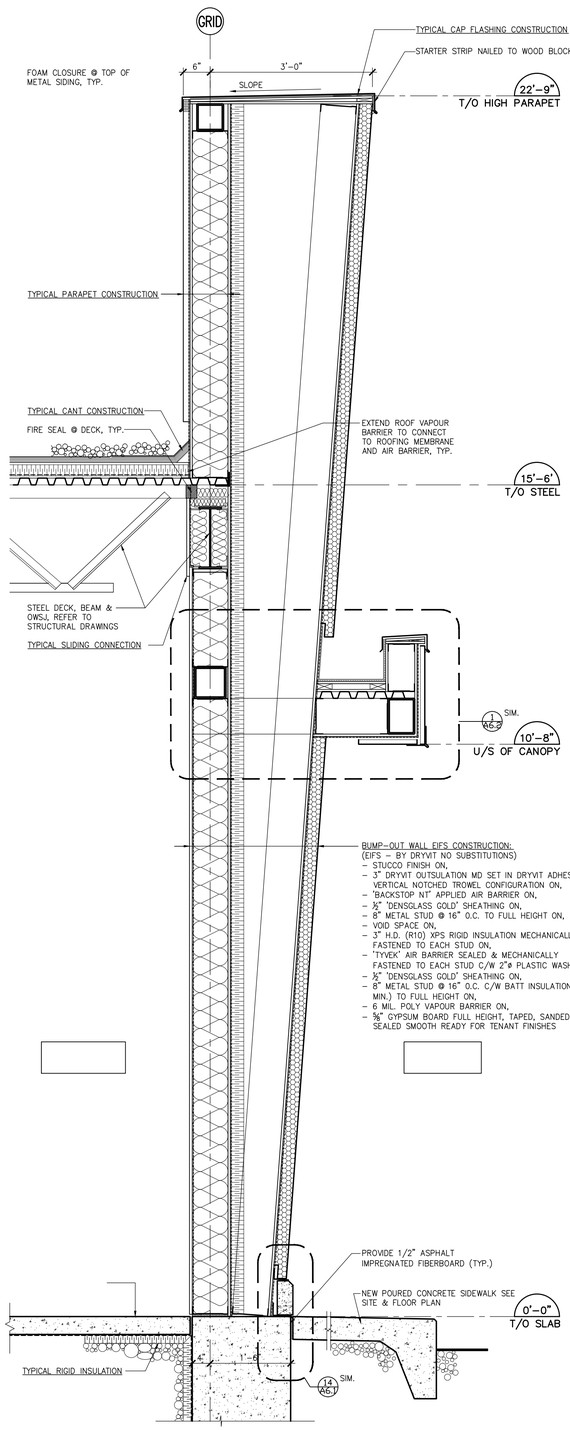


3 **WALL SECTION**
SCALE: 3/4" = 1'-0"



2 **WALL SECTION**
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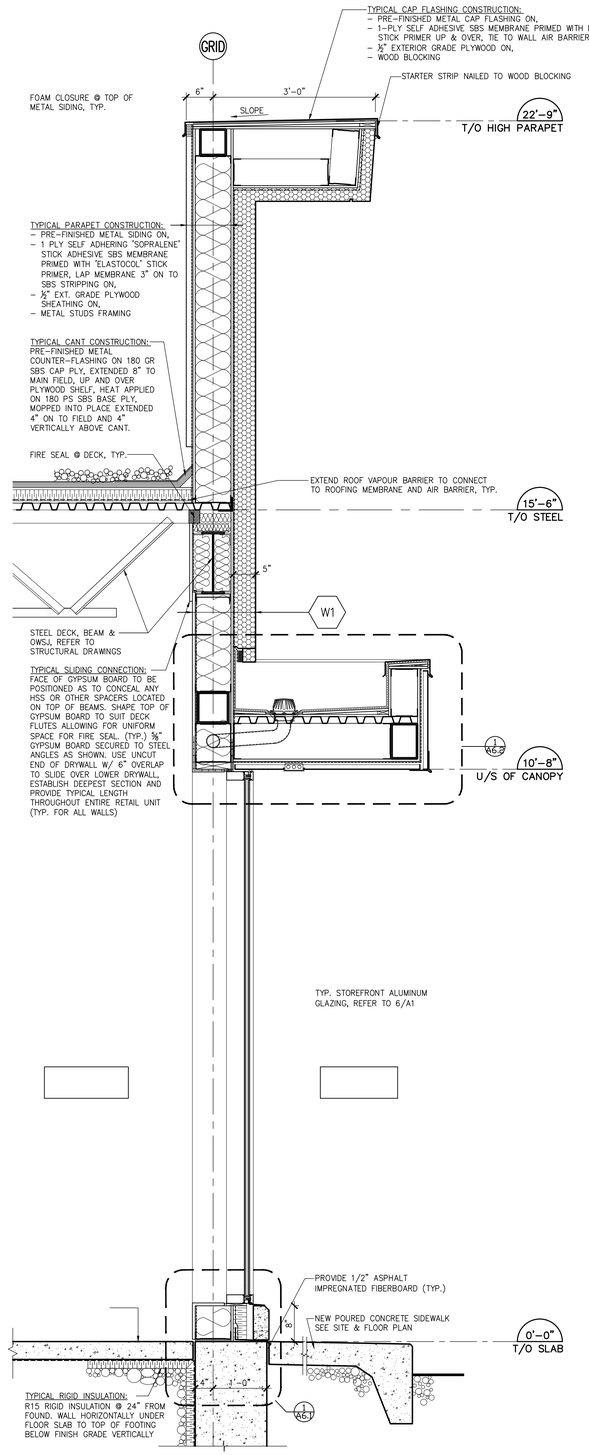

1 **WALL SECTION**
SCALE: 3/4" = 1'-0"

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MaryBROWNS CHICKEN

1.5.2022

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WALL SECTIONS

MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE:	MAR 2022
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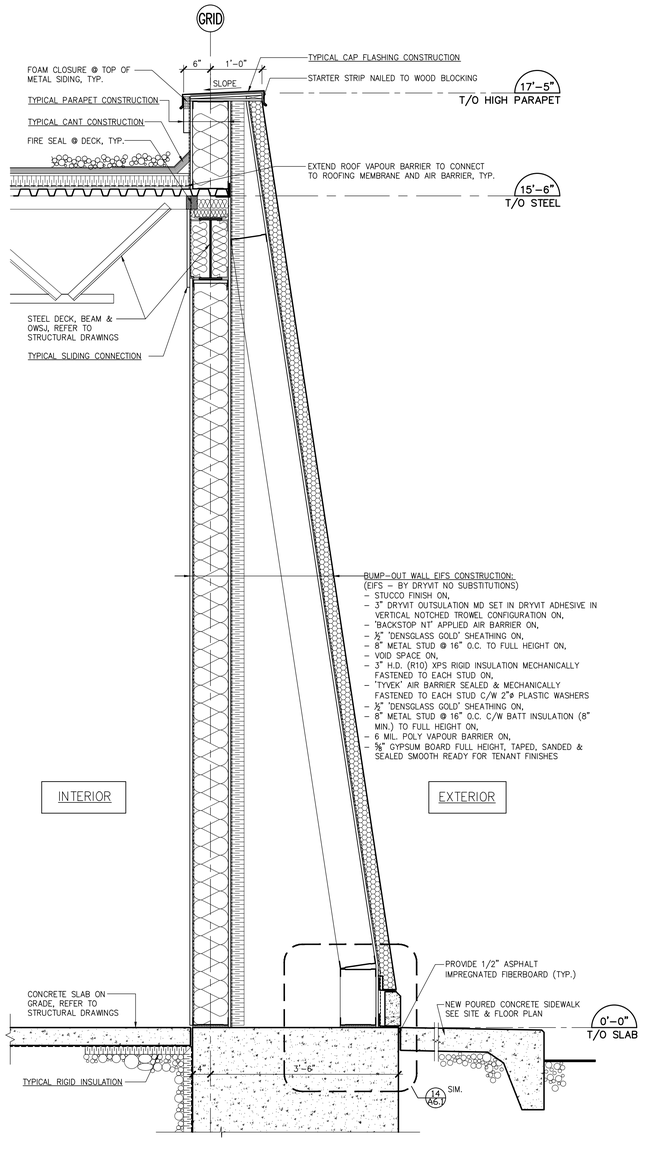
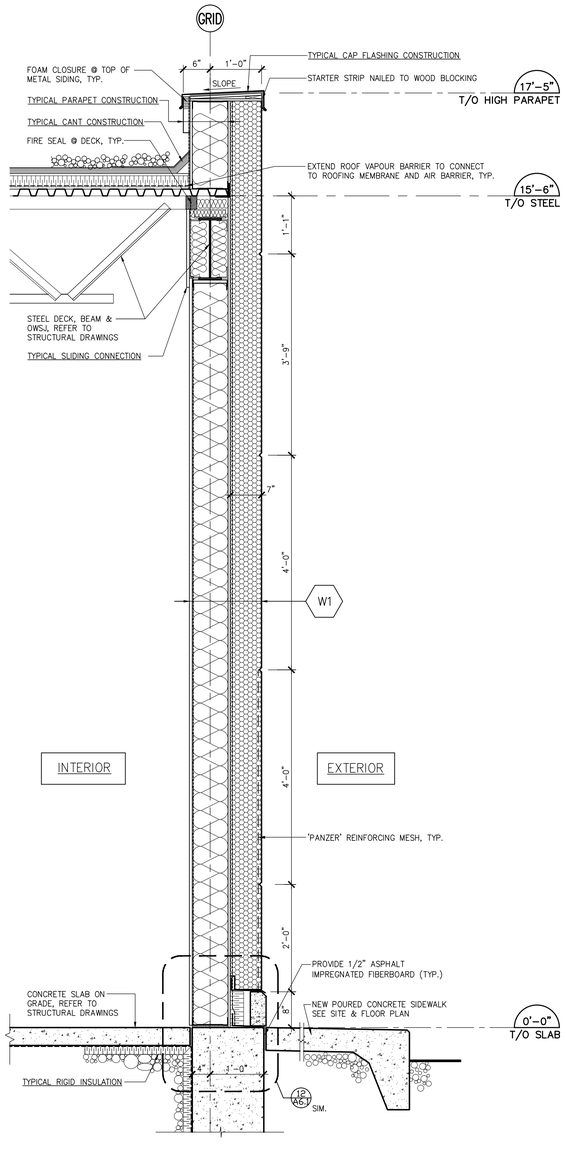
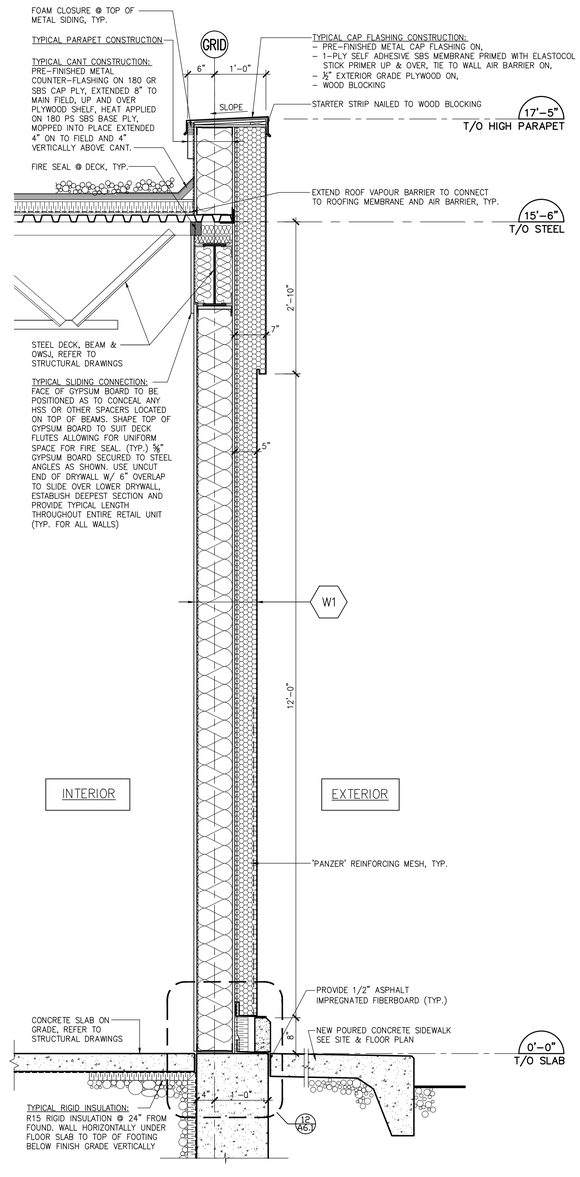


3 **WALL SECTION**
SCALE: 3/4" = 1'-0"



2 **WALL SECTION**
SCALE: 3/4" = 1'-0"



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

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WALL SECTIONS
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
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A5.2

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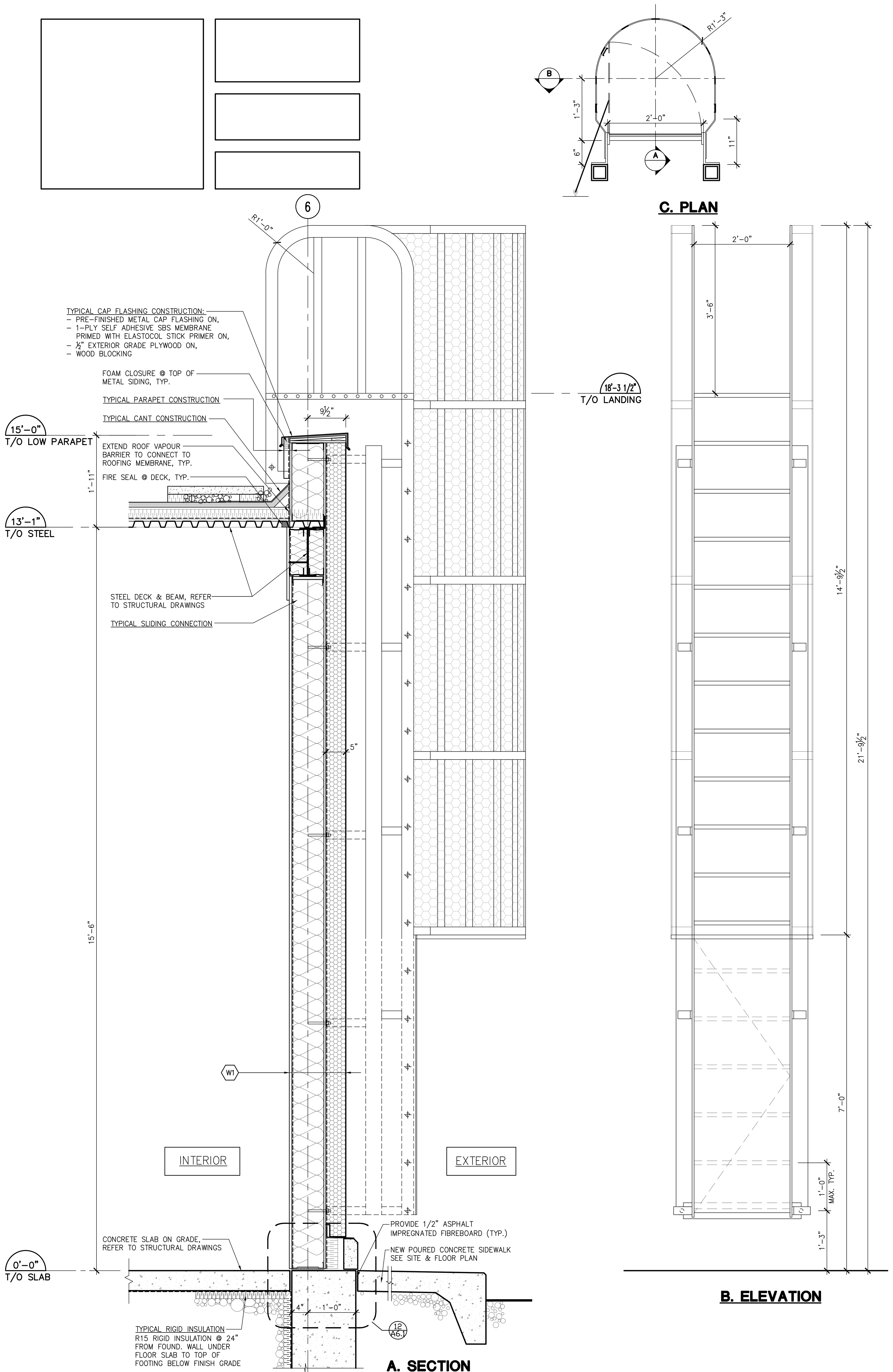

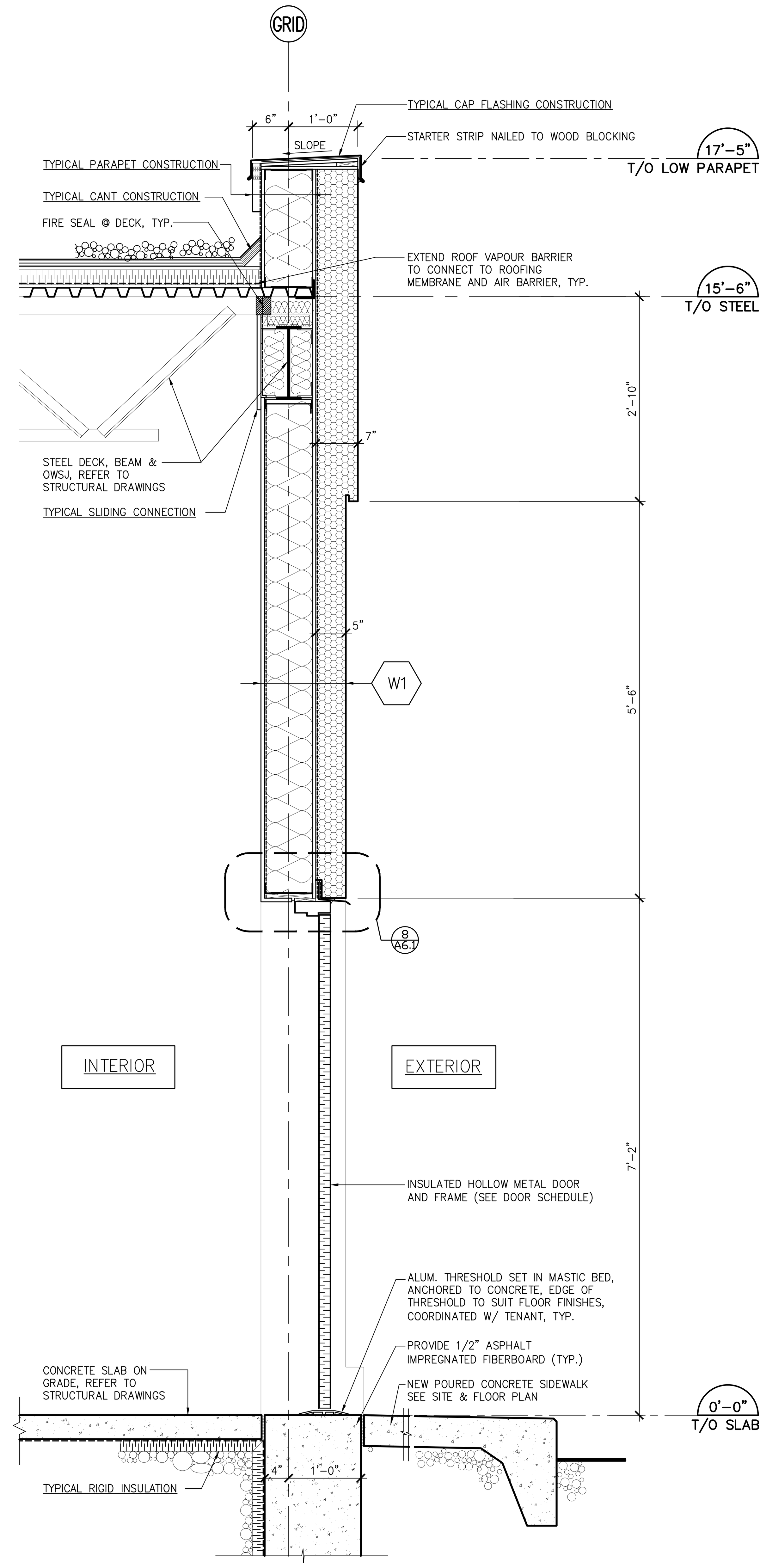

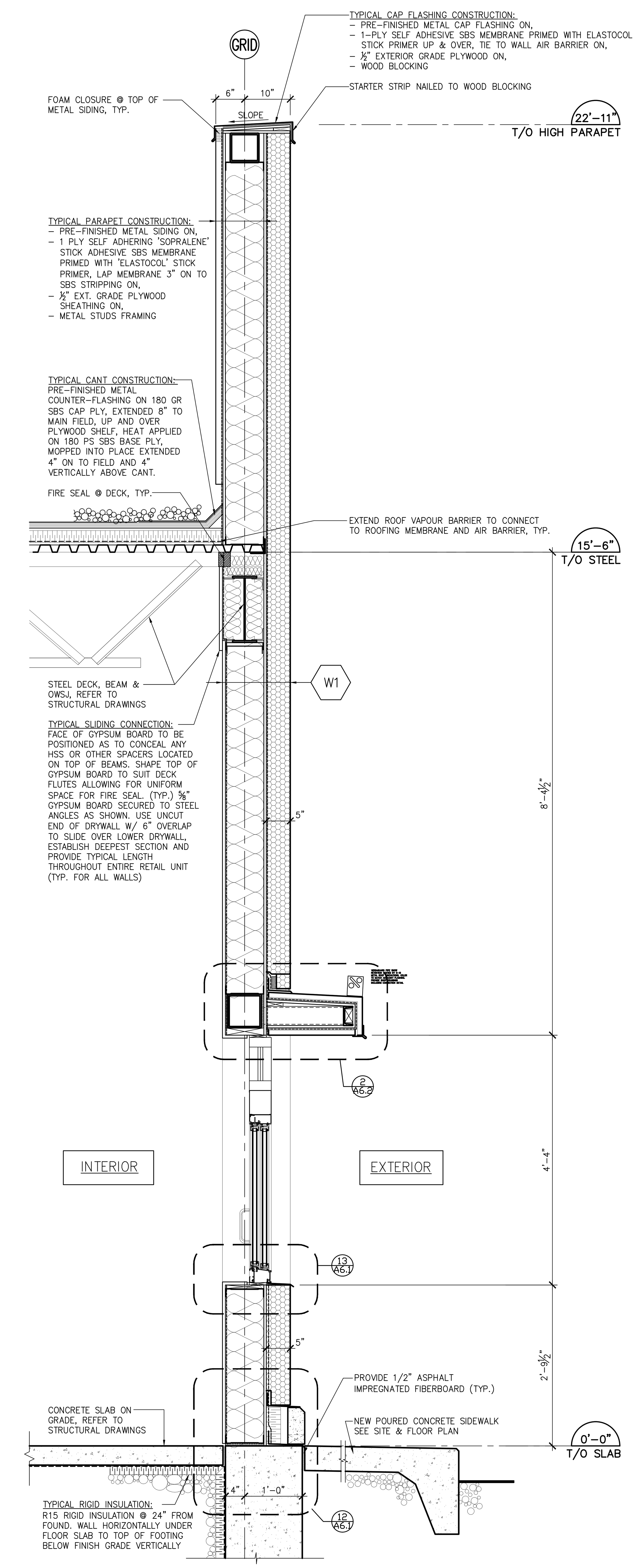

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1.5.2022

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	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	MAY 12 2022	REVIEW 1.5.2022

WALL SECTIONS
MARY BROWNS CHICKEN
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A5.3

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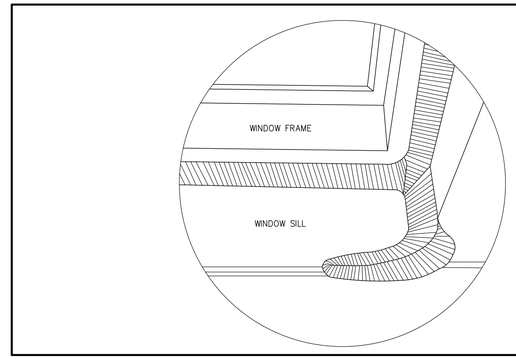
16 NOT USED
SCALE: NTS



12 CAULKING DAM DETAIL
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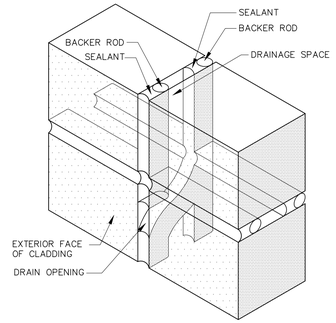

8 TWO-STAGE SEALANT JOINT
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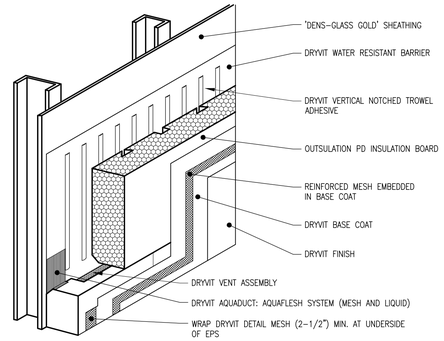

4 EIFS APPLICATION
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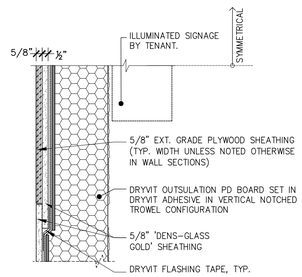

15 SECTION DETAIL
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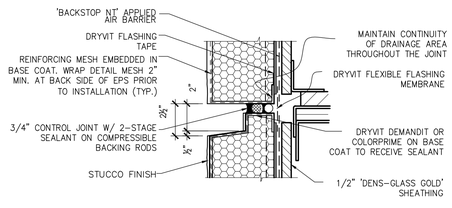

11 SECTION DETAIL
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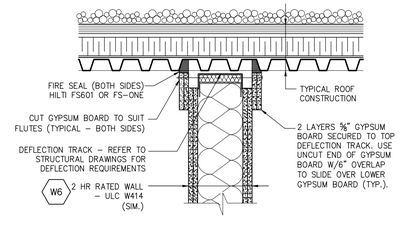
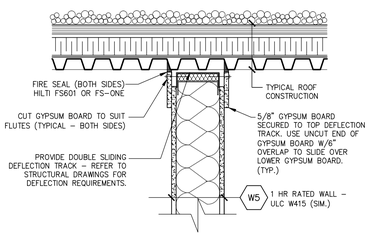


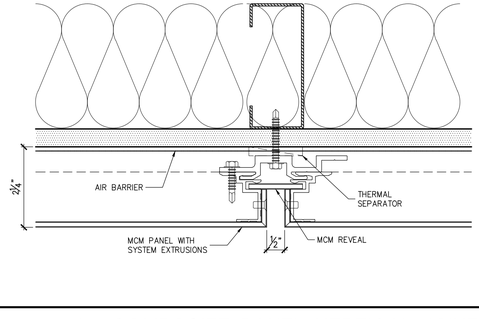
TYP. AT 2 HR RATED WALLS

7 TYP. SLIDING CONNECTION @ DECK
SCALE: NTS

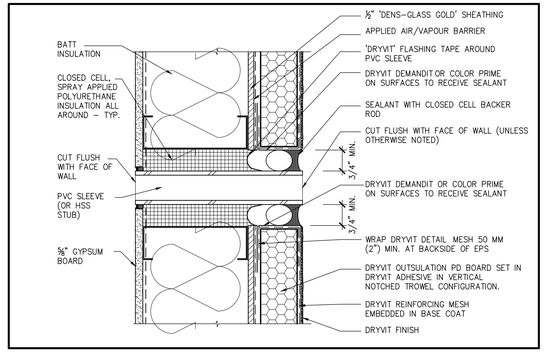


TYP. AT 1 HR RATED WALLS

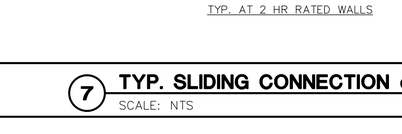
3 TYP. SLIDING CONNECTION @ DECK
SCALE: NTS



14 COMPOSITE PANEL HORIZONTAL JOINT
SCALE: 6" = 1'-0"

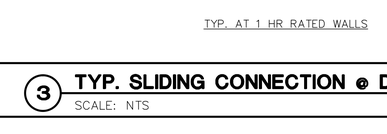


10 SECTION DETAIL
SCALE: NTS



2 HR RATED DEMISING WALL: ULC W414 (SIMILAR)

6 TYP. SLIDING CONNECTION DETAIL @ JOIST
SCALE: NTS

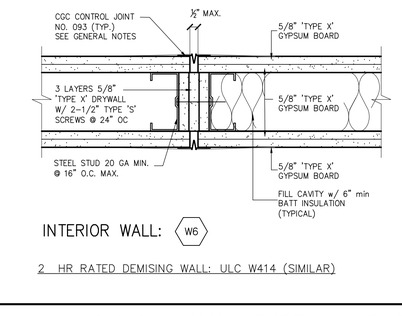


1 HR RATED DEMISING WALL: ULC W415 (SIMILAR)

2 TYP. SLIDING CONNECTION DETAIL @ JOIST
SCALE: NTS

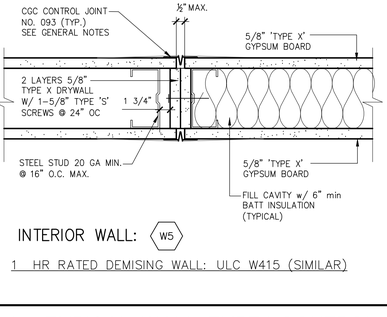
13 COMPOSITE PANEL VERTICAL JOINT
SCALE: 6" = 1'-0"

9 SECTION DETAIL
SCALE: NTS



TYP. AT 2 HR RATED WALLS

5 TYPICAL WALL TYPE/ CONTROL JOINT
SCALE: NTS



TYP. AT 1 HR RATED WALLS

1 TYPICAL WALL TYPE/ CONTROL JOINT
SCALE: NTS

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ARCHITECT

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1.5.2022

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TYPICAL DETAILS

MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
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COMM. NO. (21-81)

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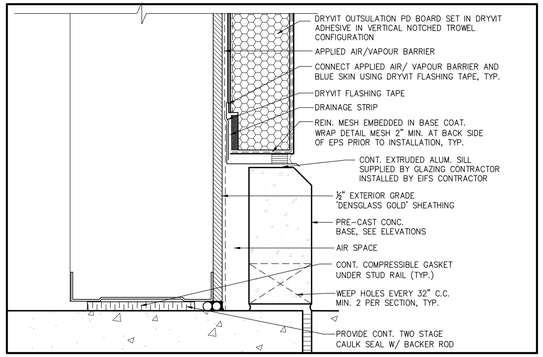
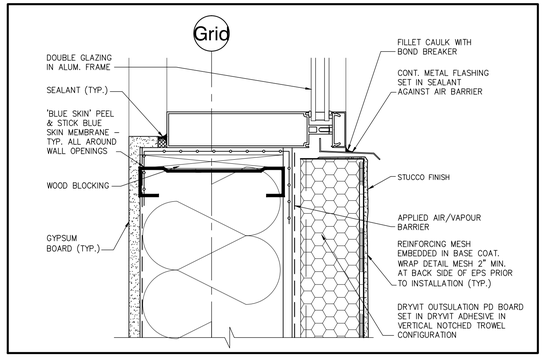
15 NOT USED
SCALE: NTS



14 SECTION DETAIL
SCALE: 3" = 1'-0"



13 SECTION DETAIL
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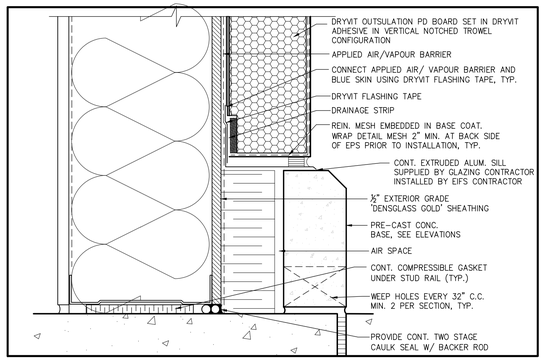
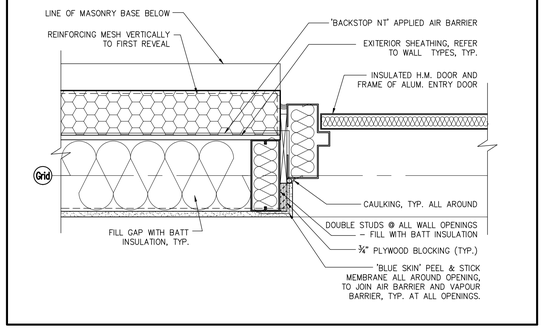
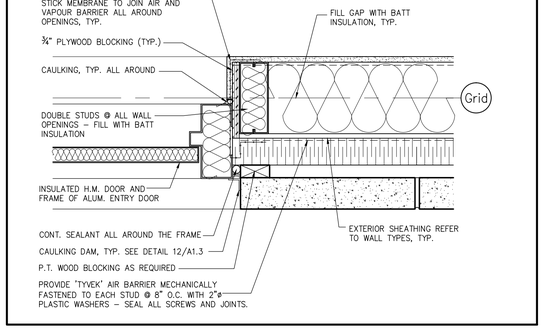


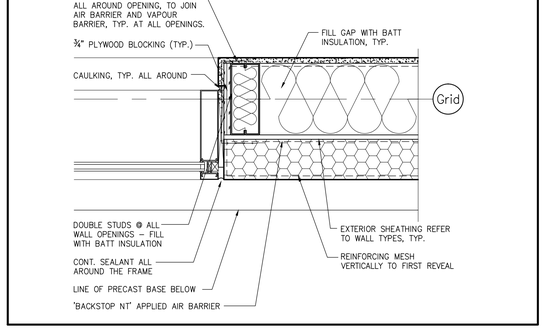
12 SECTION DETAIL
SCALE: 3" = 1'-0"



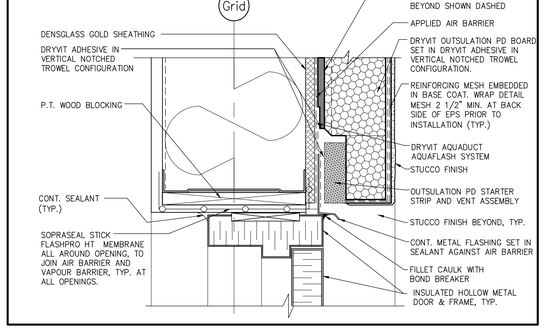
11 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



10 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



9 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



8 SECTION DETAIL
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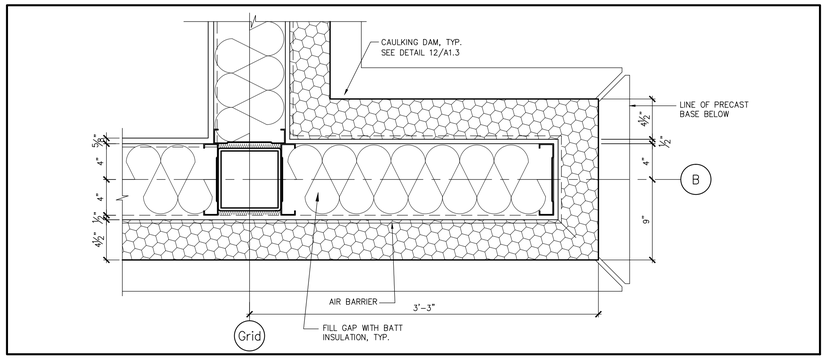
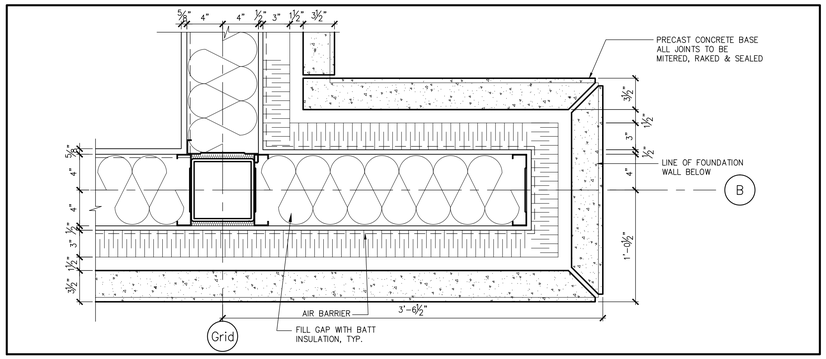
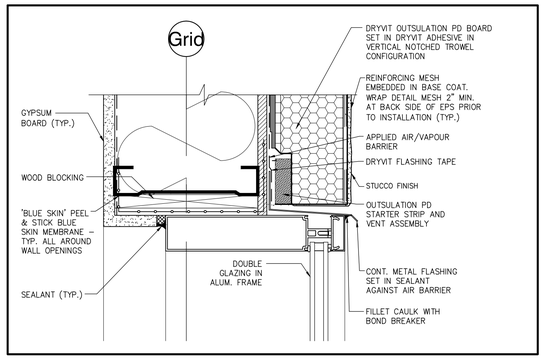


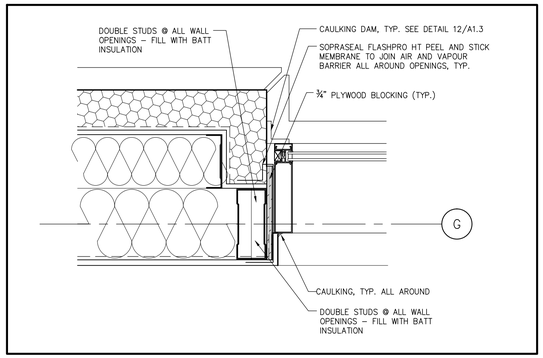
7 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



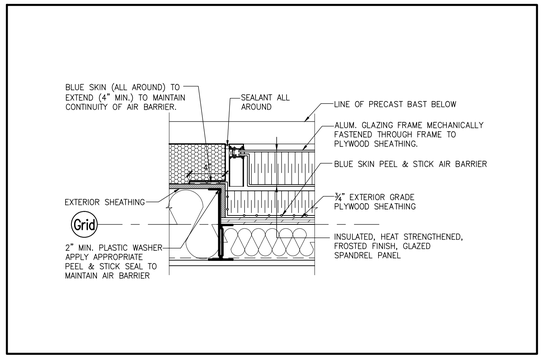
6 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



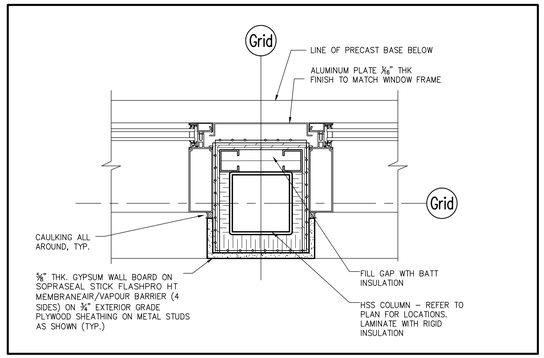
5 SECTION DETAIL
SCALE: 3"=1'-0"



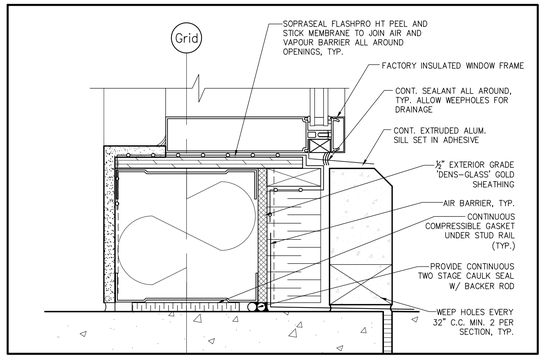
4 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



3 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



2 PLAN DETAIL
SCALE: 1 1/2"=1'-0"



1 SECTION DETAIL
SCALE: 3"=1'-0"

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DETAILS
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

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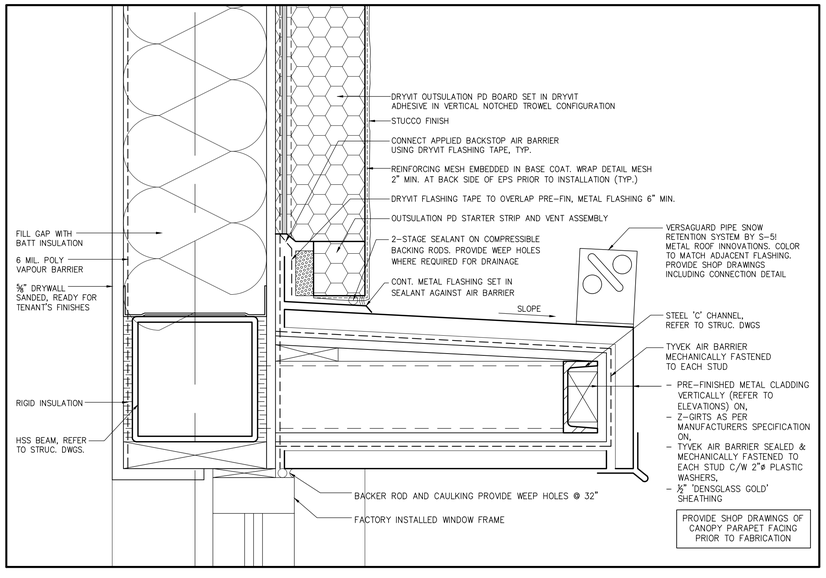

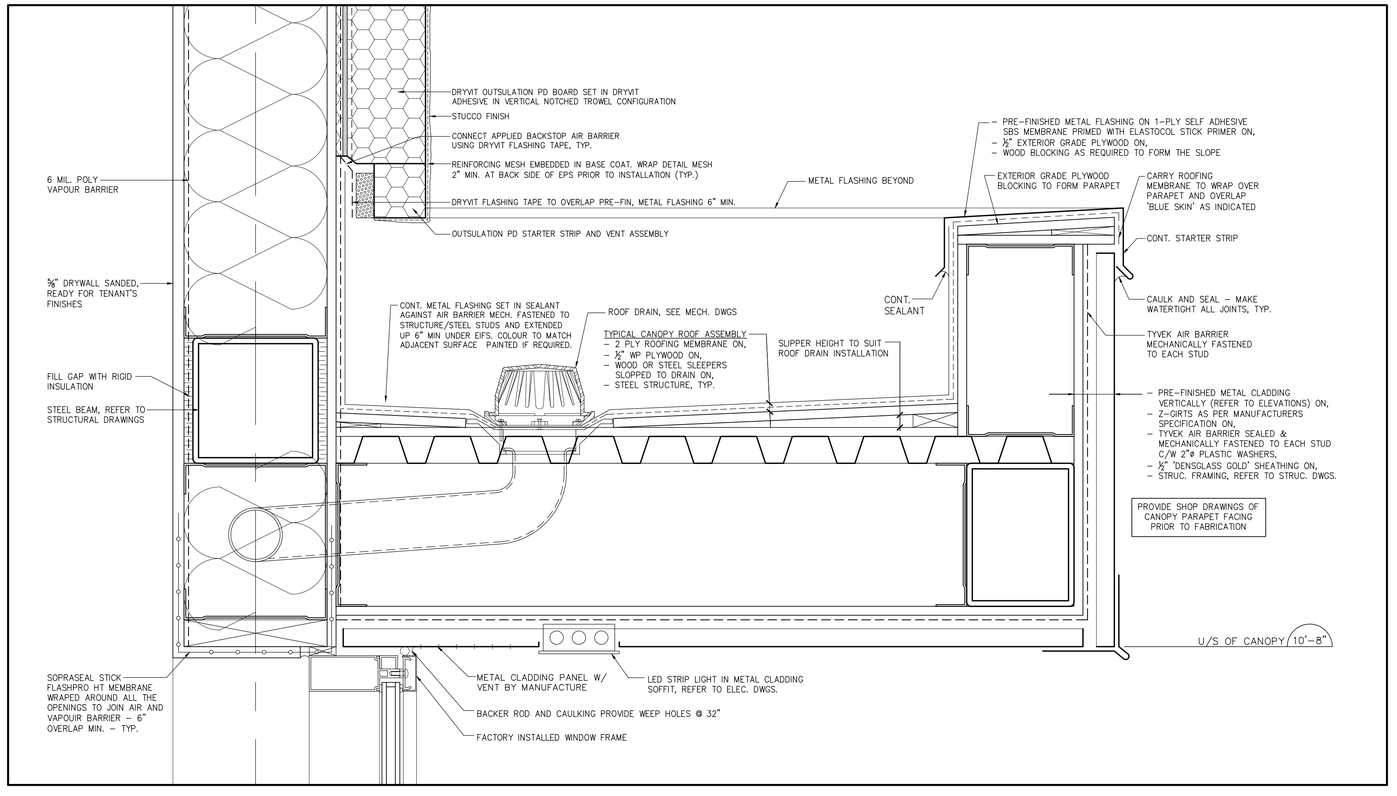

1 **SECTION DETAIL**
SCALE: 3" = 1'-0"

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SECTION DETAIL
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DATE: MAR 2022
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A6.2

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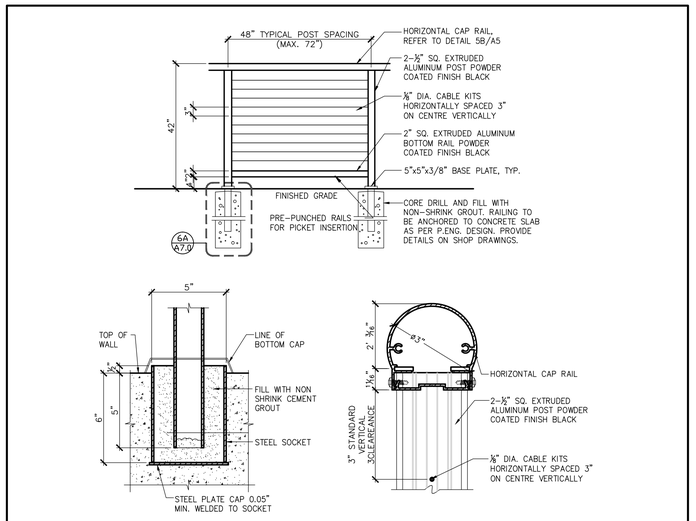

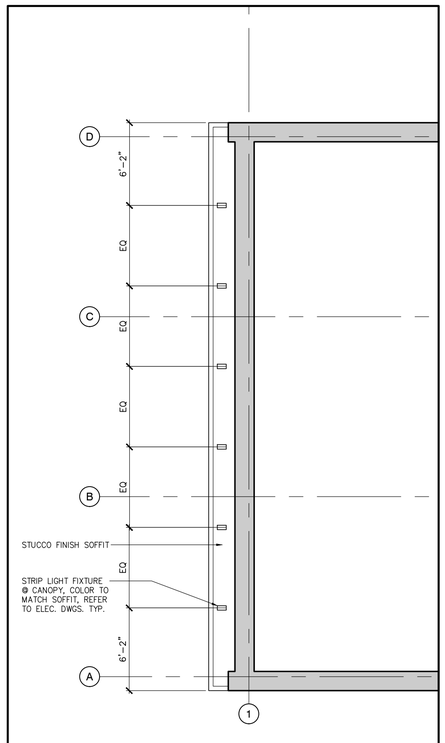

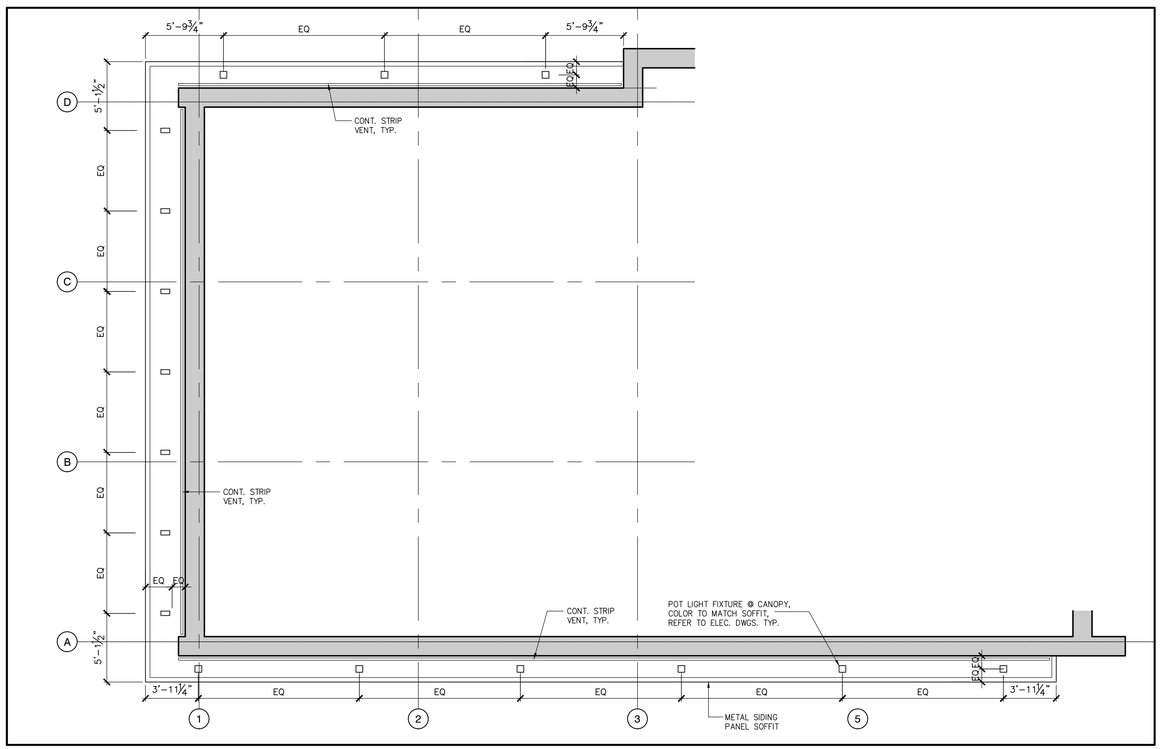

6 TYP. DECORATIVE RAILING DETAIL
SCALE: 3/4" = 1'-0"

5 CANOPY RELFECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

4 CANOPY RELFECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

DOOR AND FRAME SCHEDULE

No.	LOCATION	DOORS																	FRAMES / SCREENS											REMARKS
		TYPE	QUANTITY	SIZE			MATERIAL						FINISH				FIRE RATING		TYPE		MATERIAL				FINISH		FIRE RATING		HARDWARE GROUP	** ALL DETAILS TO SUIT O.B.C. & TENANT REQUIREMENTS.
				WIDTH	HEIGHT	THICKNESS	EXTRUDED ALUMINUM	HOLLOW METAL	INSULATED HOLLOW METAL	SOLID CORE WOOD	HOLLOW CORE WOOD	SOLID VINYL - COLOURED	PREFINISHED	PAINT	PLASTIC	SOLID VINYL	3/4 HOUR	1-1/2 HOUR		HEADER/JAMB DETAIL	EXTRUDED ALUMINUM	HOLLOW METAL	INSULATED HOLLOW METAL	PRESSED STEEL INSULATED	PREFINISHED	PAINT	3/4 HOUR	1-1/2 HOUR		
							1	2	3	4	5	6	1	2	3	4	1	2			1	2	3	4	1	2	1	2		
D1	VESTIBULE TO EXTERIOR FRONT	A	1	6'-4"	7'-0"	1 3/4"	1						1						B-B	2	1				1				1	PRE-FINISHED ENTRY DOOR TO MATCH GLAZING
D2	KITCHEN AREA TO EXTERIOR REAR	B	1	3'-2"	7'-0"	1 3/4"			3					2					A-A	1			3			2			2	PAINT DOOR & FRAME EXTERIOR SIDE ONLY, COLOR TO MATCH ADJACENT SURFACE.
D3	SEATING AREA TO BF WC #1	C	1	3'-2"	7'-0"	1 3/4"		2						2					A-A	3		2				2			3	PAINT DOOR & FRAME BOTH SIDES, COLOR: WITCHING HOUR, PAINT FINISH: EGGSHELL
D4	SEATING AREA TO BF WC #2	C	1	3'-2"	7'-0"	1 3/4"		2						2					A-A	3		2				2			3	

DOOR AND DOOR HARDWARE/CLOSURE NOTES

1. (EXIT DOORS) SHALL NOT BE SUBJECT TO THE USE OF A KEY OR REQUIRE SPECIAL KNOWLEDGE TO OPERATE. REFER TO NFPA 101 LIFE SAFETY CODE, CHAPTER 7, SEC. 7.2.1.5.1, 2000 EDITION.
2. THE GENERAL CONTRACTOR IS TO PROVIDE CONSTRUCTION CORES FOR ALL DOORS, TENANT WILL PROVIDE AND INSTALL ALL PERMANENT (BEST) CORES FOR DOORS.
3. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH – PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (30" TO 44" A.F.F.)
4. ALL EXTERIOR H.M. DOOR FRAMES SHALL BE PAINTED ON THE EXTERIOR SIDE ONLY, COLOUR TO MATCH ADJACENT SURFACE UNLESS OTHERWISE NOTED ON PLAN & ELEVATIONS.
5. ALL EXTERIOR HOLLOW METAL DOORS SHALL BE INSULATED & HAVE A RAIN DRIP EDGE PROVIDED.
6. DOOR FRAMES TO BE SET FLUSH TO FLOOR SLAB. PROVIDE FOR 1/4" MAX CAULK JOINT.
7. WHERE CLOSURES ARE LOCATED IN FIRE SEPARATIONS, THEY WILL BE INSTALLED IN CONFORMANCE WITH NFPA 80, "FIRE DOORS AND OTHER OPENING PROTECTIVES" (NFPA 80), AND, WHERE REQUIRED TO HAVE A FIRE-PROTECTION RATING (FPR), WILL HAVE LABELS OR CLASSIFICATION MARKS TO IDENTIFY THE APPLICABLE TESTING LABORATORY.
8. SERVICE PENETRATIONS LOCATED IN REQUIRED FIRE SEPARATIONS WILL BE PROTECTED WITH FIRE DAMPERS AND FIRE STOPPING MATERIALS IN ACCORDANCE WITH NBC ARTICLES 3.1.8.7., 3.1.8.9. AND 3.1.9.1. TO MAINTAIN THE CONTINUITY OF THE FIRE SEPARATION.
9. CLOSURES IN FIRE SEPARATIONS WILL BE PROVIDED WITH SELF-CLOSING AND SELF-LATCHING HARDWARE. CLOSURES IN FIRE SEPARATIONS REQUIRING A FIRE-RESISTANCE RATING WILL HAVE A FIRE-PROTECTION RATING AND WILL HAVE LISTED/LABELED SELF-CLOSING AND SELF- LATCHING HARDWARE.

DOOR HARDWARE SCHEDULE

Heading # 1

1 SGL D1 BUILDING TO EXTERIOR FRONT — LHR/RHR

TYPE A	2 @ 3'-2" x 7'-0" x 1-3/4"		ALD/ALF
6	HINGES	MPB91 454 NRP	630
1	DEADLOCK	MS1850S (ACTIVE)	628
1	DEADLOCK TRIM	MS4550 (ACTIVE)	628
1	MORTISE CYLINDER	M100SC x AR (ACTIVE)	626
2	(SETS) DOOR PULLS	2612-2 x 6033 TB @ 33" CTC	C28
1	DOOR CLOSER	1461 Rw/Pa (INACTIVE) (PUSH)	689
1	MOUNTING PLATE	1461-18PA (INACTIVE)	689
1	AUTO OPERATOR	OMEGA PUSH x 39" (ACTIVE)	689
2	ACTUATOR BUTTONS	CM45-2	630
2	MOUNTING BOXES	CM43CBL	BLK
2	KICKDOWN STOPS	#17	626
1	THRESHOLD	CT10 x 6'	AL
2	DOOR SWEEPS	W13S x 3'	AL
1	LATCH PROTECTOR	LP307 (ACTIVE)	SL

NOTE :
-120V WIRING & CONNECTIONS – BY OTHERS
-FLUSH BOLTS & WEATHERSTRIP-BY ALUMINUM DOOR SUPPLIER
-CONFIRMATION OF ACTIVE DOOR REQUIRED

Heading # 2

1 PR D2 BUILDING TO EXTERIOR REAR — RH

TYPE B	2 @ 3'-2" x 7'-0" x 1-3/4"		IHMD/IHMF
3	HINGES	MPB91 454 NRP	630
1	EXIT DEVICE	22NL X 230NL 3'	628
1	RIM CYLINDER	R118 SC	626
1	DOOR CLOSER	1461 CUSH (PUSH)	689
1	KICKPLATE	80A 8" X 34.5" SCREWS	630
1	THRESHOLD	CT10 X 3'	AL
1	WEATHERSTRIP	W17N X 17' (1@3', 2@7')	AL
1	DOOR SWEEP	W13S 3'	AL
1	ASTRAGALS	FULL LENGTH WELDED ASTRAGAL BY DOOR SUPPLIER	

Heading # 3

1 PR D3 BF WC #1 TO SEATING AREA — LH
1 PR D4 BF WC #1 TO SEATING AREA — RH

TYPE C	3'-2" x 7'-0" x 1-3/4"		SCWD/SCWF
6	HINGES	BB079 454 NRP	26D
2	B/F OPERATOR	OMEGA LH PULL	CL
2	FLOOR STOP	209	26D
2	STOREROOM LOCK	AL80PD SATURN	626
4	ACTUATORS	CAM 45/2	32D
4	BACK BOXES	CAM 43CBL	BLK
2	WASHROOM KIT	CAM WC-11	
2	EMERGENCY KITCAM	4WEC-10	
2	ELECTRIC STRIKE	HES 5200 12/24	
2	KICK PLATE	8" X 34.5"	630

REFER TO FLOOR PLAN FOR SPECS. PROVIDE SHOP DRAWINGS.

3 FRAME TYPE DETAILS/ HEAD & JAMB
SCALE: NTS

2 FRAME TYPES
SCALE: 3/8" = 1'-0"

1 DOOR TYPES
SCALE: 3/8" = 1'-0"

LLA
ARCHITECTURE+
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V:(416)783-6878 WWW.LLARCH.CA
ANTHONY ZAGARIA
ARCHITECT

MaryBROWN'S CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAY 12 2022	REVIEW 1.5.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAR 30 2022	REVIEW 1.2.2022

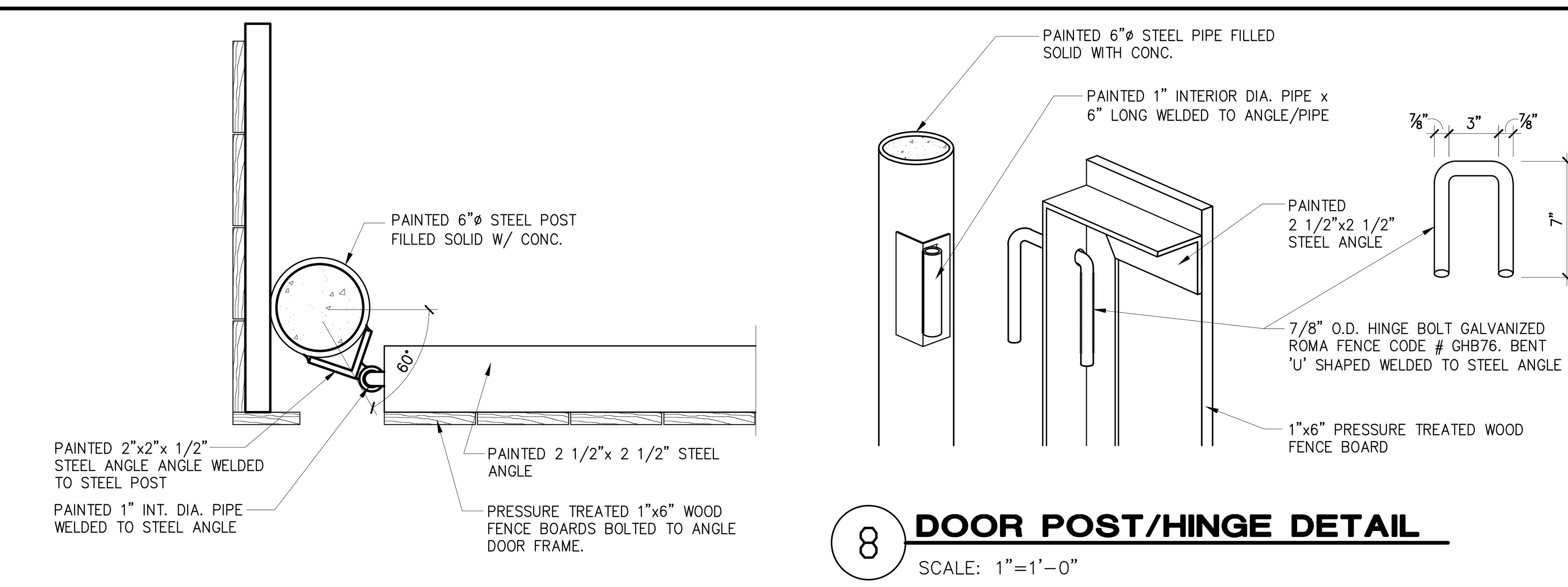
DOOR SCHEDULES
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A7.0

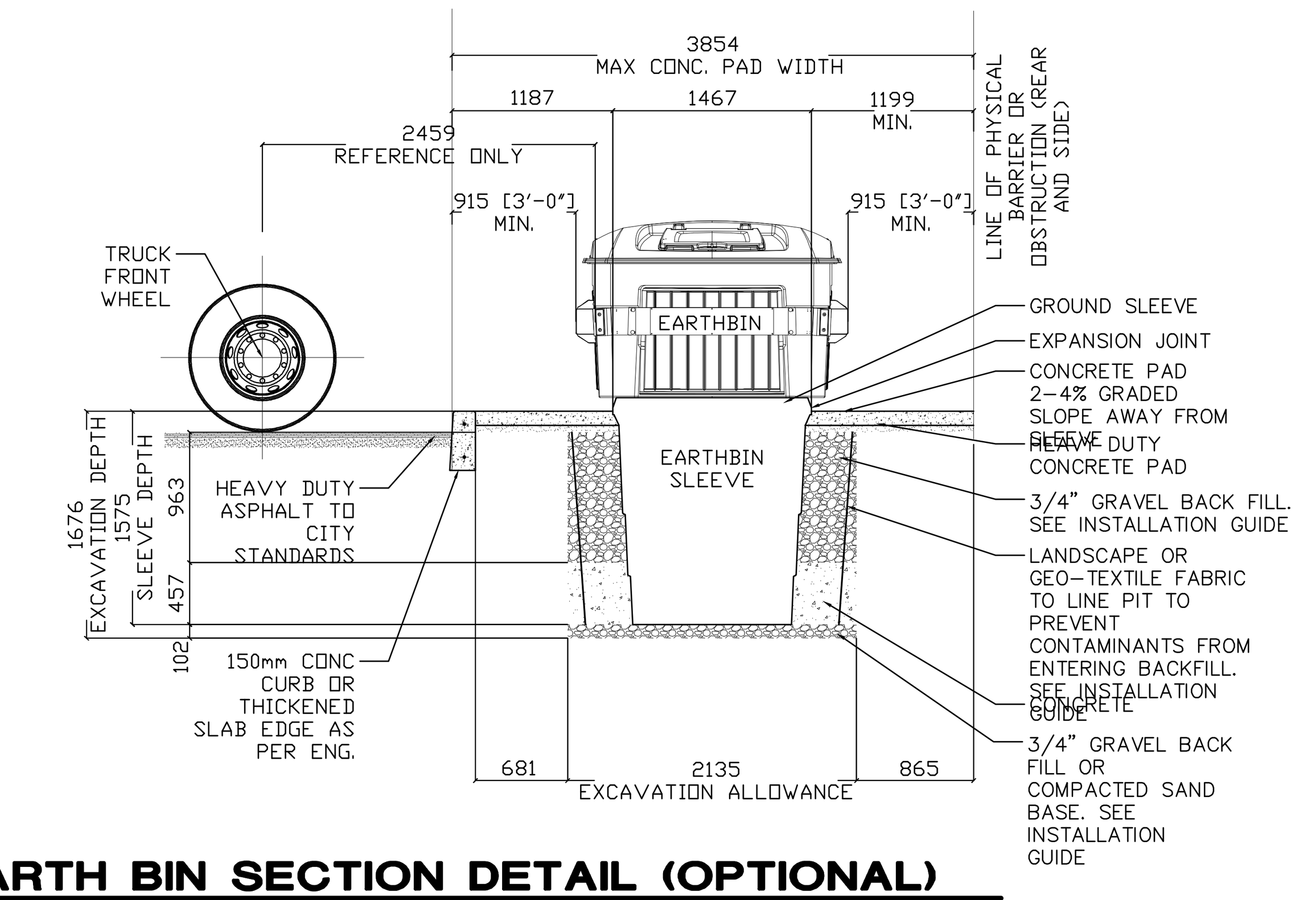
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.

DO NOT SCALE DRAWINGS.

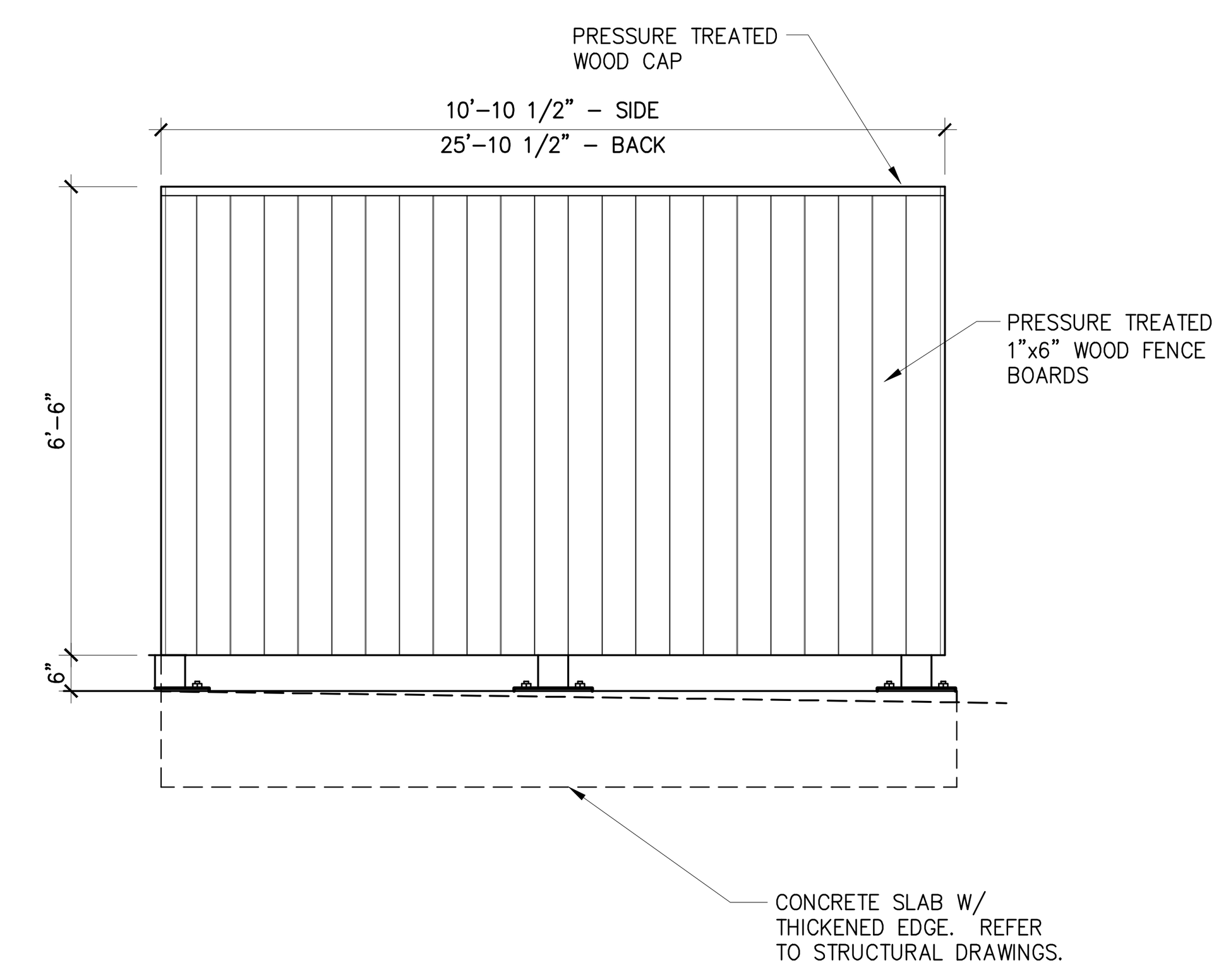


9 **NOT USED**
SCALE: N.T.S.

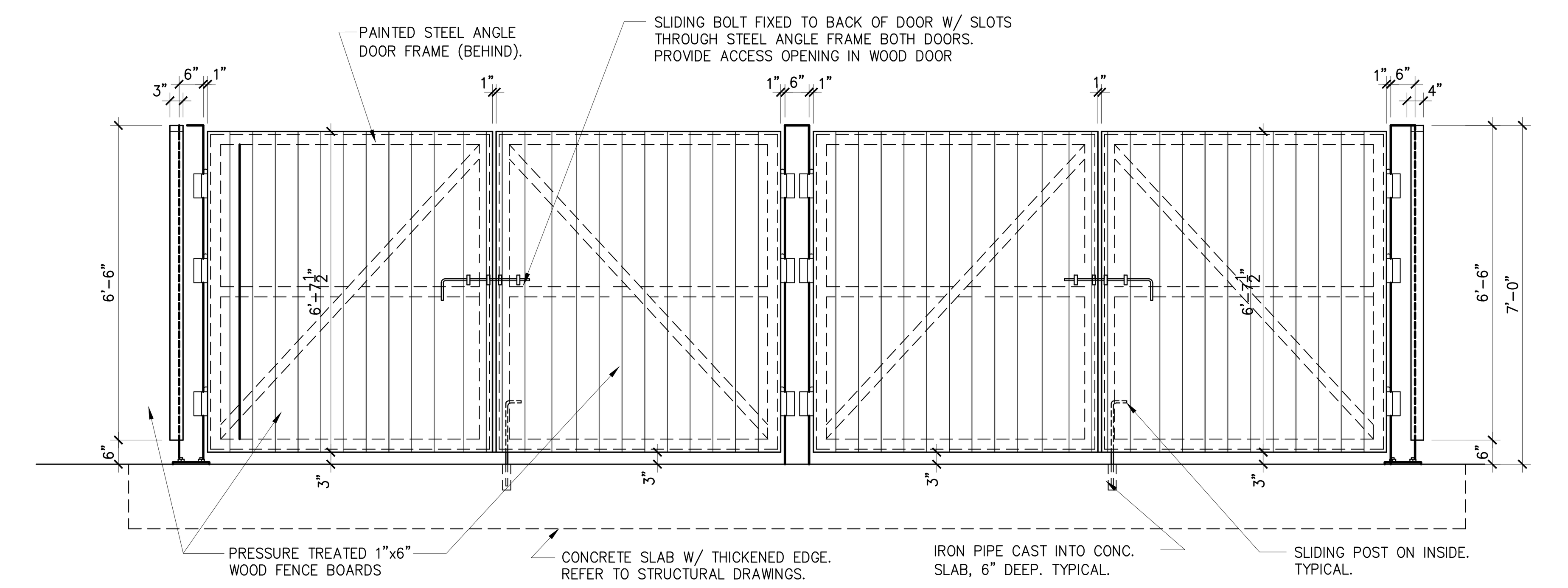
8 **DOOR POST/HINGE DETAIL**
SCALE: 1"=1'-0"



3 **EARTH BIN SECTION DETAIL (OPTIONAL)**
SCALE: NTS

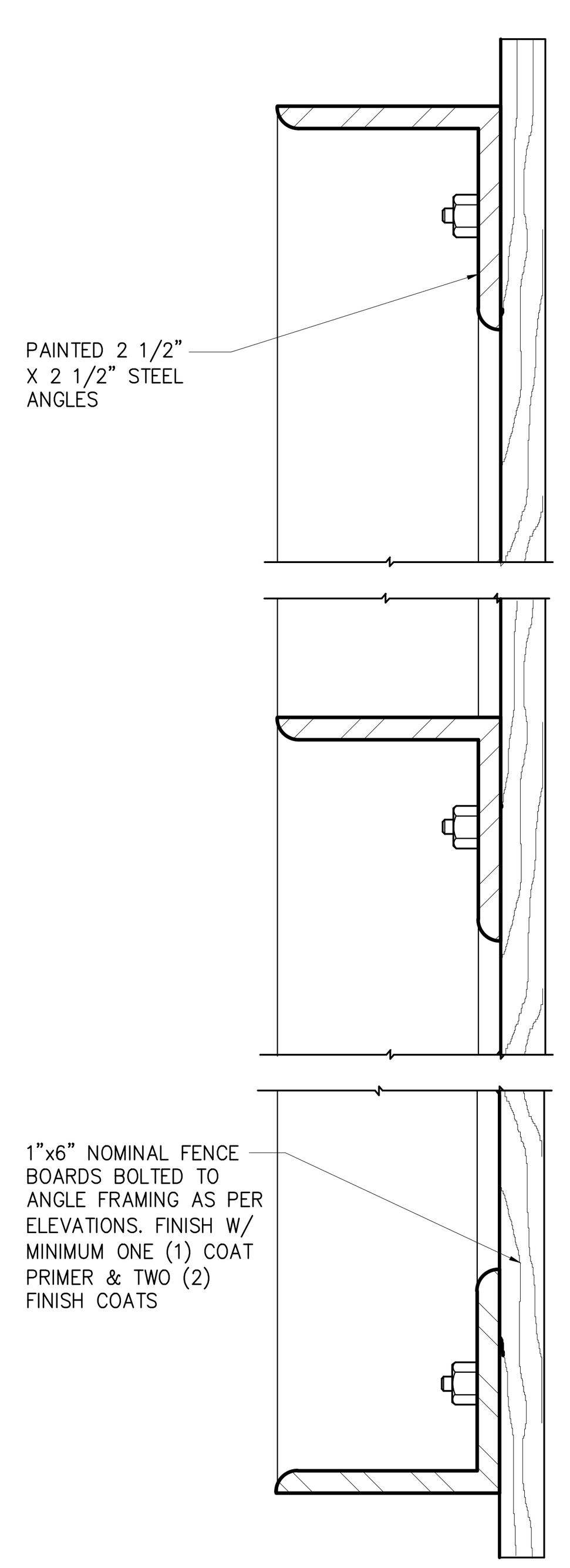


5 **SIDE ELEVATION**
SCALE: 3/8"=1'-0"

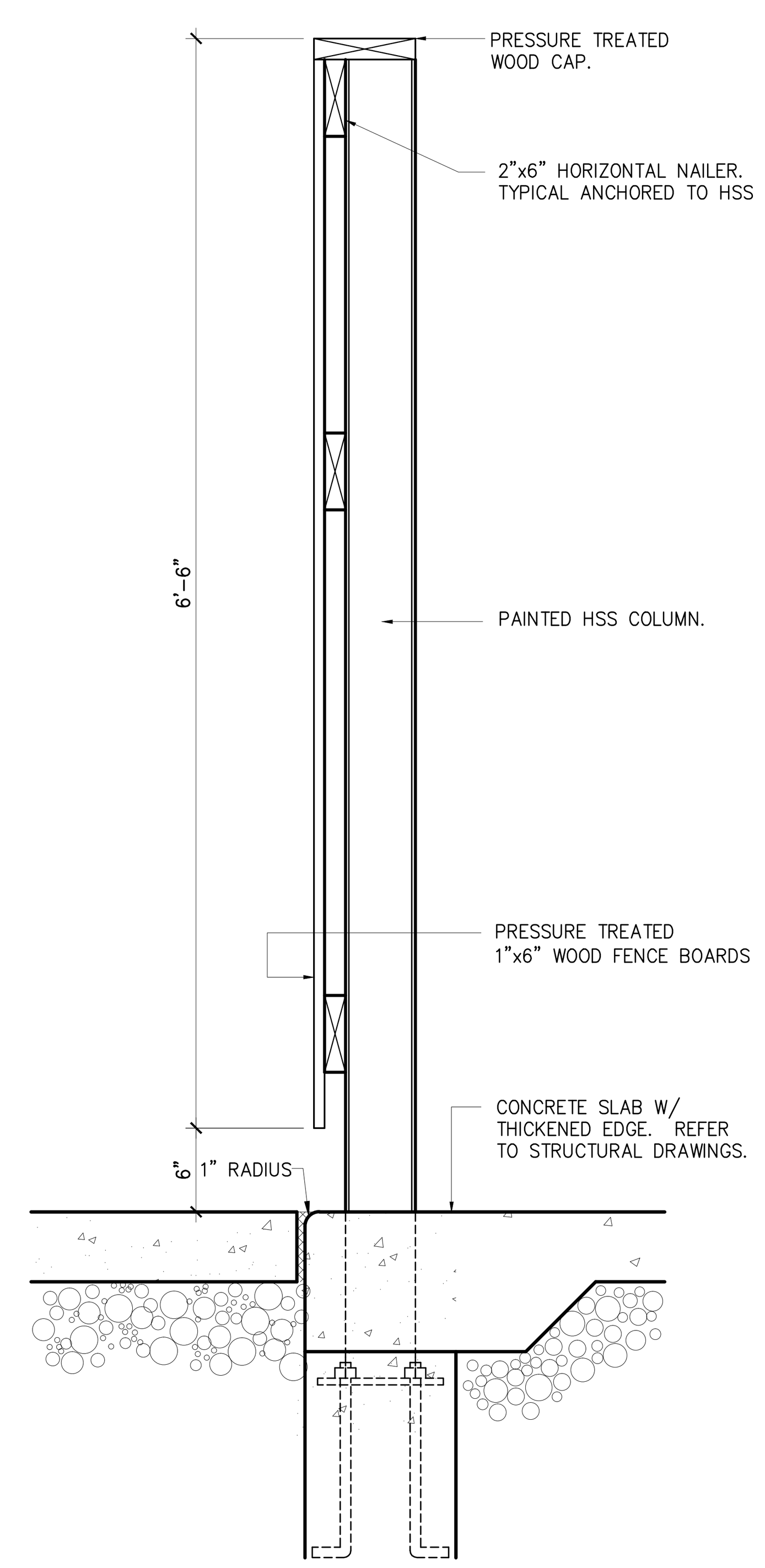


NOTES:
1. ALL LUMBER TO BE SPF NO. 2
2. ALL FASTENERS TO BE HOT DIPPED GALV. C/W H.D. DEAD BOLTS LOCKABLE IN OPEN & CLOSED GATE POSITION AND LATCHING HARDWARE & HINGES.
3. PRIME (MIN. 2 COATS) + PAINT (MIN. 2 COATS) ALL EXPOSED STEEL

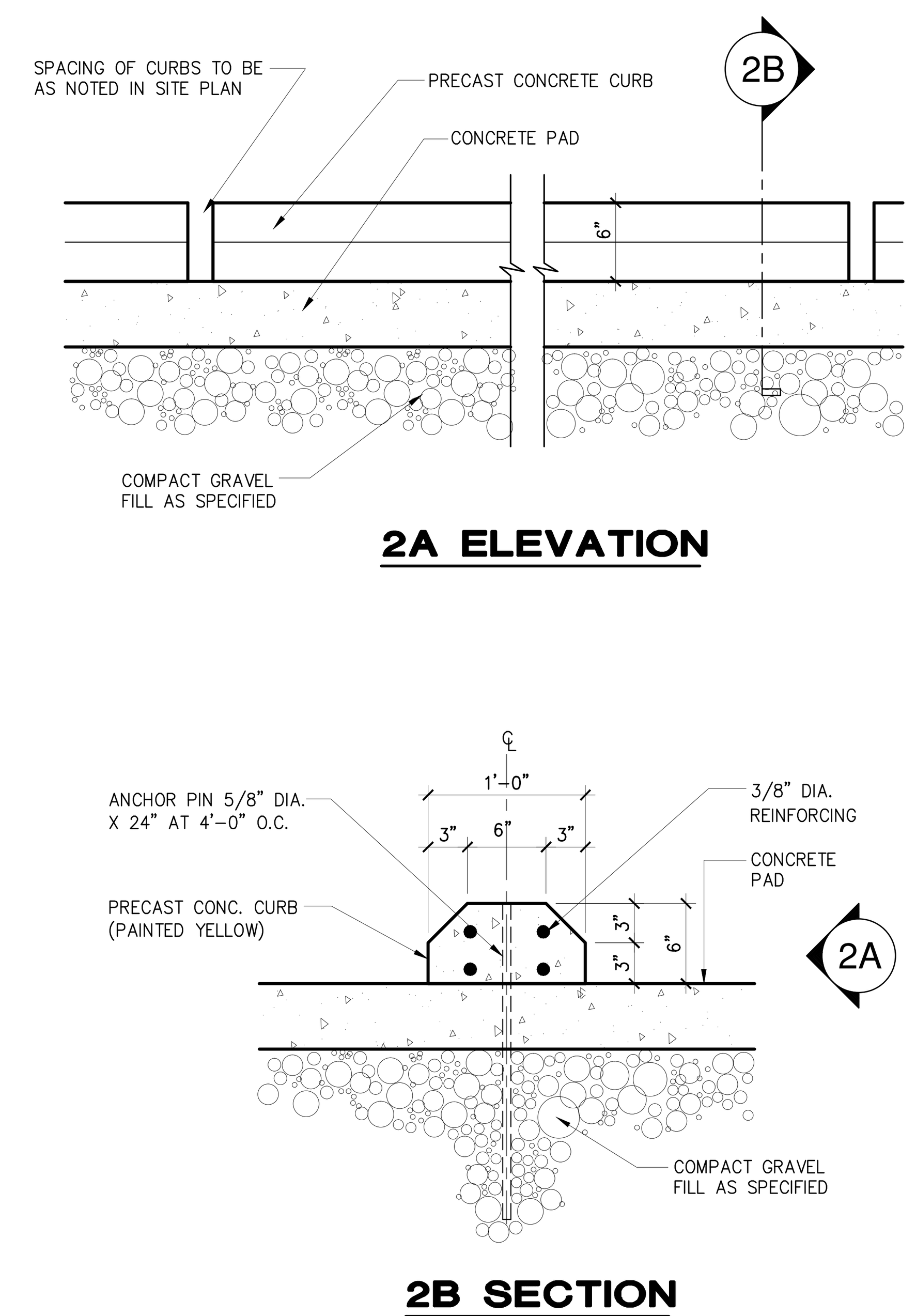
4 **FRONT ELEVATION**
SCALE: 3/8"=1'-0"



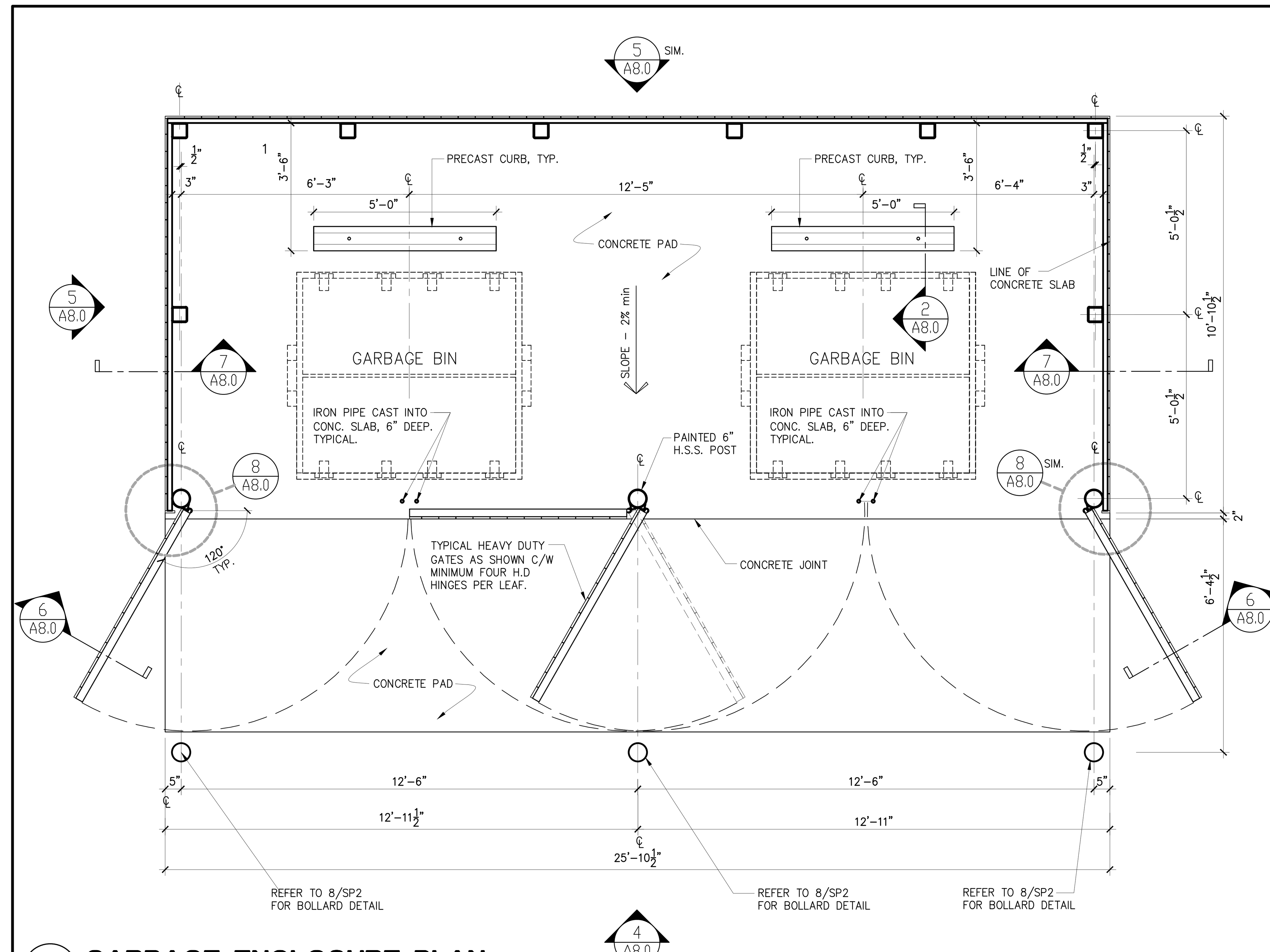
6 **GATE SECTION**
SCALE: 3/8"=1'-0"



7 **WOOD WALL SECTION**
SCALE: 1"=1'-0"



2 **PRECAST CONCRETE CURB**
SCALE: 1"=1'-0"



1 **GARBAGE ENCLOSURE PLAN**
SCALE: 3/8"=1'-0"

LLA ARCHITECTURE+
ANTHONY ZAGARIA ARCHITECT

Mary Browns CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
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	AZ	MAY 12 2022	REVIEW 1.5.2022

GARBAGE ENCLOSURE DETAILS
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE:	MAR 2022
DRAWN BY:	
CHECKED BY:	AZ
COMM. NO.	(21-81)

A8.0

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.

DUROCK PUCCS

PRESSURE–UTILIZED COMPARTMENTED CAVITY SYSTEM
EXTERIOR INSULATION FINISH SYSTEM
FOR NON–COMBUSTIBLE CONSTRUCTION

MANUFACTURER'S SPECIFICATION 07 24 10

PART 1 – GENERAL

1.1 RELATED SECTIONS
.1 SPECIFICATION 03 30 00 –CAST–IN–PLACE CONCRETE
.2 SPECIFICATION 04 20 00 –UNIT MASONRY
.3 SPECIFICATION 05 40 00 –COLD–FORMED METAL FRAMING
.4 SPECIFICATION 06 10 00 –ROUGH CARPENTRY
.5 SPECIFICATION 07 27 00 –AIR BARRIERS
.6 SPECIFICATION 07 60 00 –FLASHING & SHEET METAL
.7 SPECIFICATION 07 90 00 –JOINT PROTECTION (SEALANTS)
.8 SPECIFICATION 08 00 00 –OPENINGS
.9 SPECIFICATION 09 28 00 –BACKING BOARDS AND UNDERLAYMENTS

1.2 SYSTEM DESCRIPTION
.1 DUROCK PUCCS IS AN EXTERIOR INSULATION AND FINISH SYSTEM THAT INCLUDES AN AIR/MOISTURE BARRIER, OR OPTIONAL AIR/MOISTURE/VAPOUR BARRIER, APPLIED TO THE BUILDING SUBSTRATE AS A SECONDARY MOISTURE BARRIER.
.2 THIS SYSTEM HAS BEEN EVALUATED AND APPROVED BY THE CANADIAN CONSTRUCTION MATERIALS CENTRE (CCMC), UNDER EVALUATION REPORT NO. 12969–R.
.3 DUROCK PUCCS IS INTENDED FOR USE WHERE THE MODEL BUILDING CODE PERMITS THE USE OF FIRE–TESTED WALL ASSEMBLIES THAT INCLUDE COMBUSTIBLE FOAMED PLASTIC INSULATION.

1.3 DESIGN REQUIREMENTS
.1 BUILDING SUBSTRATES (SHALL BE ENGINEERED BY OTHERS WHERE REQUIRED):
  .1 SUBSTRATE SUPPORTING DUROCK PUCCS MUST BE STRUCTURALLY SOUND AND CONTINUOUSLY SUPPORTED. ALL SUBSTRATES SHALL BE;
    A. CONTINUOUS, FLAT AND PLUMB, WITH SURFACE VARIATIONS LESS THAN 2 MM/M (¼ INCH PER 10 FT).
    B. DESIGNED TO DEFLECT NOT MORE THAN L/240.
    C. CLEAN, DRY, AND FREE OF ANY DELETERIOUS MATERIAL THAT WOULD AFFECT THE ATTACHMENT OF THE DUROCK PUCCS, SUCH AS WAX, OIL, PAINT, DUST AND DIRT.
  .2 MASS WALL SUBSTRATES INCLUDE:
    A. CAST–IN–PLACE OR PREFABRICATED CONCRETE FREE OF FORM RELEASE AGENTS, AND CONCRETE OR CLAY BRICK MASONRY, UNPAINTED, AND FREE OF EFFLORESCENCE.
    B. CONCRETE AND MASONRY WALLS MUST BE CURED AT LEAST 28 DAYS.
  .3 SHEATHING BOARDS SHALL BE ATTACHED WITH CORROSION RESISTANT SCREWS AND SUPPORTED BY ENGINEERED LIGHT GAUGE STEEL STUD FRAMING. SHEATHING JOINTS MUST NOT EXCEED 3.2 MM (1/8 INCH). SHEATHING SHALL BE MINIMUM 12.7 MM (½ INCH) THICK, AND;
    A. GLASS–FIBRE FACED GYPSUM SHEATHING SHALL BE COMPLIANT WITH ASTM C 1177.
    B. CEMENT BOARD SHALL BE COMPLIANT WITH ASTM C 1325 OR ANSI A118.9.
  .4 ALL SHEATHING BOARDS MUST BE CONTINUOUSLY SUPPORTED BY FRAMING, AND;
    A. JOINTS SHALL NOT OCCUR AT THE CORNERS OF THROUGH–WALL PENETRATIONS, SUCH AS WINDOWS OR DOORS.
    B. BOARDS SHALL BE INSTALLED HORIZONTALLY WITH VERTICAL JOINTS OFFSET, AT LEAST ONE STUD.
.2 TERMINATIONS AND EXPANSION JOINTS
  .1 DUROCK PUCCS MUST TERMINATE AT LEAST:
    A. 200 MM (8 INCHES) ABOVE FINISHED GRADE.
    B. 50 MM (2 INCHES) ABOVE ROOFING SYSTEMS.
  .2 EXPANSION AND TERMINATION JOINTS SHALL HAVE AN ELASTOMERIC SEALANT WITH A CLOSED–CELL FOAM BACKER ROD OR BOND BREAKER TAPE, AS SPECIFIED (IN SECTION 07 90 00 AND THE ARCHITECTURAL DRAWINGS).
    A. SEALANT JOINTS SHALL BE INSTALLED AS REQUIRED IN SUBSECTION 5.6.2 OF THE PROVINCIAL/NATIONAL BUILDING CODE, AND IN GENERAL COMPLIANCE WITH ASTM C 1481.
    B. EXPANSION JOINTS IN DUROCK PUCCS ARE FORMED BY BACKWRAPPED TERMINATIONS IN THE SYSTEM, WHEREBY THE INSULATION IS ENCAPSULATED WITH THE REINFORCED BASE COAT.
  .3 EXPANSION JOINTS SHALL BE DESIGNED BY OTHERS, AND ARE REQUIRED AT THE FOLLOWING LOCATIONS;
    A. WHERE EXPANSION JOINTS IN THE SUBSTRATE OCCUR, INCLUDING BUILDING EXPANSION JOINTS AND WHERE SIGNIFICANT STRUCTURAL MOVEMENT MAY BE EXPECTED TO OCCUR.
    B. AT THE ABUTMENT OF DISSIMILAR SUBSTRATES.
    C. AT DEFLECTION TRACKS IN STEEL FRAMED CONSTRUCTION.
    D. AT FLOOR LINES IN WOOD FRAMED CONSTRUCTION.
    E. AT CHANGES IN ROOF LINES, BUILDING SHAPE, OR STRUCTURAL SYSTEM.
  .4 ALL SEALANT JOINTS SHALL BE VENTED WHERE THE DUROCK PUCCS OR ADJOINING ELEMENT IS EXPECTED TO DRAIN.
.3 AIR/MOISTURE BARRIER TRANSITION MEMBRANE:
  .1 MATERIALS.
    A. DUROCK RECOMMENDS THE USE OF PROTECTO WRAP EIFS TAPE: A POLYESTER–FACED, STYRENEBUTADIENE– STYRENE (SBS), RUBBERIZED ASPHALT, SELF–ADHERING MEMBRANE.
    B. ALTERNATIVELY, DUROCK APPROVES THE USE OF SOPREMA SOPRASEAL STICK 1100T AND BAKOR BLUESKIN SA: POLYETHYLENE–FACED, STYRENE–BUTADIENE–STYRENE (SBS), RUBBERIZED ASPHALT, SELFADHERING MEMBRANES.
    C. PRIMERS SHALL BE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
  .2 EXECUTION.
    A. TRANSITION MEMBRANES SHALL EFFECTIVELY SEAL THROUGH WALL PENETRATIONS, MOVEMENT JOINTS, JUNCTURES TO WINDOW FENESTRATION, AND JUNCTURES WITH ROOFING MEMBRANES.
    B. TRANSITION MEMBRANES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
    C. TRANSITION MEMBRANES SHOULD BE INSTALLED PRIOR TO APPLICATION OF THE AIR/MOISTURE BARRIER.
    D. TRANSITION MEMBRANES SHOULD LAP NO MORE THAN 50 MM (2 INCHES) ONTO THE EIFS SUBSTRATE.
    E. IF PROTECTO WRAP EIFS TAPE EXTENDS MORE THAN 100 MM (4 INCHES) BEHIND THE EIFS, THE EIFS SHALL BE MECHANICALLY FASTENED AT THAT LOCATION. IF SOPREMA SOPRASEAL STICK 1100T OR BAKOR BLUESKIN SA EXTENDS MORE THAN 50 MM (2 INCHES) BEHIND THE EIFS, THE EIFS SHALL BE MECHANICALLY FASTENED AT THAT LOCATION.
.4 DECORATIVE ELEMENTS:
  .1 MOULDINGS, SHAPES, TRIM, AND WINDOW SILLS WHERE THE DUROCK PUCCS MAY BE EXPOSED ARE TO BE DESIGNED WITH A SLOPE ON ALL UPWARD FACING HORIZONTAL PROJECTIONS, SLOPED NOT LESS THAN:
    A. 6:12, RISE OVER RUN FOR SLOPES UP TO 305 MM (12 INCHES) WIDE, OR
    B. 3:12, RISE OVER RUN FOR SLOPES UP TO 102 MM (4 INCHES) WIDE.
    C. HORIZONTAL PROJECTIONS THAT DO NOT CONFORM TO THE ABOVE WOULD BE ACCEPTABLE FOR WALL AREAS THAT ARE PARTIALLY ENCLOSED, SUCH AS WHERE A SOFFIT EXTENDS OUT ABOVE SUCH PROJECTIONS. OTHERWISE, METAL FLASHING WITH A DRIP EDGE IS RECOMMENDED.
  .2 HORIZONTAL PROJECTIONS SHALL BE DESIGNED, CONSISTENT WITH GOVERNING CODES AND STANDARDS, SUCH THAT THESE WILL NOT BE CONFIGURED OR CONSTRUED AS ROOFING OR LOADBEARING (PEDESTRIAN OR OTHERWISE).
.5 AESTHETIC REVEALS:
  .1 AESTHETIC REVEALS MAY BE CUT INTO THE INSULATION LAYER, PROVIDED THE MINIMUM CONTINUOUS LAYER OF INSULATION IS NOT LESS THAN 19 MM (¾ INCH).
  .2 HORIZONTALLY ORIENTED REVEALS MUST BE SLOPED 3:12 TO SHED PRECIPITATION.
  .3 DUROCK RECOMMENDS THAT AESTHETIC REVEALS NOT BE ALIGNED WITH THE CORNERS OF THROUGH–WALL PENETRATIONS SUCH AS WINDOWS AND DOORS.
.6 FLASHING:
  .1 CORROSION RESISTANT FLASHING MUST BE INSTALLED ACCORDING TO THE REQUIREMENTS OF SECTION 07 60 00 IN GENERAL CONFORMANCE WITH PART 5 IN THE PROVINCIAL/NATIONAL BUILDING CODE.
  .2 FLASHING MUST BE DESIGNED AND INSTALLED BY OTHERS, SLOPING OUTWARD WITH DRIP EDGES TO DIRECT PRECIPITATION TO THE EXTERIOR, AND MUST BE PROVIDED AT THE TOP OF PARAPET WALLS AND OTHER SIMILAR POINTS OF TERMINATION.
.7 PRESSURE MODERATION:
  .1 THE CAVITY IN THE DUROCK PUCCS SHALL BE CLOSED AT ALL EXTERIOR CORNERS BY THE INSTALLATION OF A SOLID RIBBON OF ADHESIVE, ON EITHER SIDE OF THE CORNER, AT THE TIME THE INSULATION IS BEING INSTALLED.
  .2 VENTING FOR PRESSURE EQUALIZATION/MODERATION SHALL BE SIZED ACCORDING TO THE METHODS DEVISED BY THE NATIONAL RESEARCH COUNCIL OF CANADA:
    A. NET VENT AREA = CAVITY VOLUME (M3)/50 M FOR DYNAMIC WIND LOADING
    B. NET VENT AREA = ESTIMATED AIR LEAKAGE (CM2/M2) X 20 FOR STATIC WIND LOADING
  .3 THE CAVITY IN THE DUROCK PUCCS HAS A NOMINAL VOLUME OF:
    A. 3,724 CM3/M2 (21.2 IN3/FT2) WHEN INSTALLED WITH THE ONE–STEP BARRIER/ADHESIVE.
    B. 4,780 CM3/M2 (27.1 IN3/FT2) WHEN INSTALLED WITH THE TWO–STEP BARRIER/ADHESIVE.

1.4 PERFORMANCE REQUIREMENTS
.1 DUROCK PUCCS TESTED ACCORDING TO THE CCMC TECHNICAL GUIDE FOR EIFS, EVALUATION REPORT NO. 12969–R, AS DESIGNATED BY SENTENCE 2.8.1.1.(1) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
.2 DUROCK PUCCS (WITH INSULATION UP TO 152 MM THICK) TESTED IN CONFORMANCE WITH CAN/ULC–S101, "FIRE ENDURANCE TESTS OF BUILDING CONSTRUCTION AND MATERIALS", AS REQUIRED BY ARTICLE 3.2.3.8. IN THE PROVINCIAL/NATIONAL BUILDING CODE.
.3 DUROCK BASE COAT TESTED IN CONFORMANCE WITH CAN/ULC–S114, "NONCOMBUSTIBLE MATERIAL", AS REQUIRED BY SENTENCE 3.2.3.8. 1) B) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
.4 DUROCK PUCCS (WITH INSULATION UP TO 127 MM THICK) TESTED IN CONFORMANCE WITH CAN/ULC–S134, "FIRE TEST OF EXTERIOR WALL ASSEMBLIES", AS REQUIRED BY ARTICLE 3.1.5.5. IN THE PROVINCIAL/NATIONAL BUILDING CODE.
.5 DUROCK AIR/MOISTURE BARRIER TESTED ACCORDING TO ASTM E283 – AIR LEAKAGE RATE NOT GREATER THAN 0.02 L/(S.M2) AT 75 PA, AS REQUIRED BY SENTENCE 5.4.1.2.(1) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
.6 DUROCK VAPOUR BARRIER TESTED ACCORDING TO ASTM E96–95 – VAPOUR PERMEANCE NOT GREATER THAN 15 NG/(PA.S.M2), AS REQUIRED BY SENTENCE 5.5.1.2.(2) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
.7 WIND LOAD RESISTANCE OF DUROCK PUCCS IS ACHIEVED VIA ATTACHMENT TO THE SUBSTRATE, HENCE, THE SUBSTRATE MUST BE DESIGNED WITHSTAND THE ANTICIPATED WIND LOADS. REFER TO STRUCTURAL DRAWINGS.

1.5 SUBMITTALS
.1 UPON REQUEST, DUROCK WILL SUPPLY FINISH COAT SAMPLES, APPROXIMATELY 200 X 200 MM (8 X 8 INCHES), PROVIDING REPRESENTATION OF THE TEXTURE AND COLOUR.

1.6 QUALITY ASSURANCE
.1 EIFS MANUFACTURER SHALL BE A MEMBER IN GOOD STANDING OF THE EIFS COUNCIL OF CANADA, AND CERTIFIED BY THE EIFS QAP.
.2 EIFS MANUFACTURER SHALL POSSESS A CCMC EVALUATION REPORT FOR ITS PRIMARY LINE OF EIFS.
.3 EIFS APPLICATOR SHALL BE KNOWLEDGEABLE AND EXPERIENCED IN EIFS INSTALLATION.
.4 EIFS APPLICATOR SHALL INSTALL DUROCK PUCCS ACCORDING TO DUROCK'S REQUIREMENTS.

1.7 DELIVERY, STORAGE &HANDLING
.1 ALL MATERIALS AND COMPONENTS SHALL BE:
  .1 SUPPLIED BY DUROCK ALFACING INTERNATIONAL LIMITED OR ITS APPOINTED DISTRIBUTORS IN THE ORIGINAL, UNOPENED PACKAGING WITH LABELS CLEARLY IDENTIFYING EACH COMPONENT.
  .2 INSPECTED UPON DELIVERY, AND ANY DEFECTIVE MATERIALS AND/OR COMPONENTS ARE NOT TO BE USED.
  .3 STORED OFF THE GROUND, UNDER PROTECTIVE COVER, AWAY FROM DIRECT SUNLIGHT AND KEPT DRY.
.2 ALL WATER–BASED MATERIALS, SUPPLIED IN PLASTIC PAILS, ARE TO BE KEPT ABOVE 4.0C (40.0F) AND BELOW 40.0C (104.0F).
.3 ALL DRY–BAGGED MATERIALS SHALL BE KEPT DRY AND PROTECTED FROM HIGH HUMIDITY AND MOISTURE.

1.8 SITE CONDITIONS
.1 SURFACE AND AMBIENT CONDITIONS FOR APPLICATION OF WET–STATE–MATERIALS MUST BE KEPT ABOVE 4.0C (400F).
  .1 ADHESIVES APPLIED BELOW 10.0C (50.0F) SHALL BE PROTECTED FOR NOT LESS THAN 48 HOURS.
  .2 FINISH COATS APPLIED IN HIGH HUMIDITY CONDITIONS WILL TAKE LONGER THAN 24 HOURS TO DRY. IF SUCH CONDITIONS OCCUR, PROVIDE SUPPLEMENTAL HEAT TO REDUCE THE HUMIDITY, OR PROVIDE PROTECTION LONG ENOUGH FOR FINISH COATS TO DRY COMPLETELY.
.2 WET–STATE–MATERIALS SHALL NOT BE APPLIED IN DIRECT SUNLIGHT IN TEMPERATURES EXCEEDING 30.0C (86.0F) WITHOUT PROTECTIVE COVER.
.3 ALL WORK SHALL BE PROTECTED FROM RAIN, SNOW, HAIL, AND WIND EXCEEDING 25 KM/HR (15 MPH) FOR NOT LESS THAN 24 HOURS AFTER WET MATERIAL APPLICATION.
.4 DO NOT APPLY MATERIALS IN WEATHER CONDITIONS THAT WILL CAUSE ADVERSE AFFECTS TO PERFORMANCE.

1.9 WARRANTY
GENERAL CONTRACTOR TO PROVIDE LIMITED MATERIALS TEN YEAR WARRANTY INDICATING THE FOLLOWING:
.1 – PROJECT TITLE
  – SYSTEM INSTALLED
  – ADDRESS
  – SQUARE FOOTAGE
  – BUILDING OWNER'S NAME AND ADDRESS
  – APPLICATOR'S NAME
  – WARRANTY NUMBER
  – EFFECTIVE DATE
.2 WITH THE FOLLOWING WORDING:

DUROCK ALFACING INTERNATIONAL LIMITED ("DUROCK") HEREBY WARRANTS THAT THE PUCC SYSTEM COMPONENTS SOLD OR MANUFACTURED BY IT SHALL BE FREE FROM DEFECTS IN THE MANUFACTURE OF THE MATERIALS AND WHEN INSTALLED IN ACCORDANCE WITH THE CURRENT PUBLISHED DUROCK SPECIFICATIONS, DETAILS AND APPLICATION INSTRUCTIONS FOR SUCH SYSTEM BY AN APPLICATOR/CONTRACTOR FIRM THAT HAS BEEN CERTIFIED BY DUROCK, WILL FOR A PERIOD OF 10 YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT EFFECTIVELY DRAIN ANY MOISTURE THAT SHOULD ENTER THE CAVITY BETWEEN THE INSULATION BOARD AND THE REQUIRED WEATHER BARRIER AND WILL NOT, WITHIN A PERIOD OF 10 YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT LOSE THEIR BOND, PEEL, FLAKE OR CHIP. NO SUCH WARRANTIES STATED HEREIN SHALL BE EFFECTIVE UNTIL AND UNLESS THE MATERIALS SUBJECT TO THIS WARRANTY SHALL HAVE BEEN PAID FOR IN FULL.

IT IS SPECIFICALLY UNDERSTOOD AND AGREED THAT NO WARRANTY WHATSOEVER IS MADE WITH RESPECT TO
  (I) MATERIALS PRODUCED BY OTHER MANUFACTURERS AND NOT BEARING DUROCK'S NAME OR LOGO WHICH ARE USED IN THE INSTALLATION OF DUROCK'S MATERIALS HEREUNDER,
  (II) MATERIALS, INCLUDING INSULATION BOARD, PRODUCED BY MANUFACTURERS FOR DUROCK BUT NOT SPECIFICALLY SOLD BY DUROCK OR ITS AUTHORIZED DISTRIBUTOR EVEN IF SUCH MATERIALS BEAR DUROCK'S NAME OR LOGO, NOR
  (III) ANY SEALANT MATERIALS.
  FURTHER THIS WARRANTY IS VOID IF THE DUROCK MATERIALS ARE INTERMIXED WITH OTHER CHEMICALS OR MATERIALS NOT SPECIFICALLY REQUIRED BY DUROCK'S SPECIFICATIONS OR APPLICATION INSTRUCTIONS.

FURTHER NO WARRANTY WHATSOEVER IS MADE FOR DAMAGE CAUSED IN WHOLE OR PART BY ACTS OF GOD OR NATURAL PHENOMENON, SUCH AS BUT NOT LIMITED TO FALLING OBJECTS, FIRE, EARTHQUAKE, FLOODS, PESTS, CHEMICAL FUMES OR POLLUTANTS IN THE ATMOSPHERE; NOR ARCHITECTURE, ENGINEERING, INSUFFICIENT OR DEFECTIVE WATERPROOFING BETWEEN DUROCK MATERIALS, OR BETWEEN DUROCK MATERIALS AND NON–DUROCK MATERIALS, NOR DEFECTIVE OR IMPROPER WORKMANSHIP BY THE APPLICATOR, NOR OTHER DAMAGE OR INJURY NOT CAUSED BY DEFECTS IN DUROCK'S MATERIALS AS COVERED UNDER THIS WARRANTY.

THIS CONSTITUTES THE ENTIRE WARRANTY AGREEMENT AND DUROCK MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED WITH RESPECT TO THE MATERIALS EXCEPT AS EXPRESSLY STATED HEREIN. DUROCK DOES NOT MAKE ANY WARRANTY OF MERCHANTABILITY WITH RESPECT TO THE MATERIALS DESCRIBED HEREIN OR THE APPLICATION THEREOF AND FURTHER, DUROCK MAKES NO WARRANTY THAT THE MATERIALS ARE FIT FOR ANY PARTICULAR PURPOSE. DUROCK WILL BE RESPONSIBLE FOR DAMAGE TO SHEATHING OR FRAMING MEMBERS WHICH IS A RESULT OF A FAILURE OF THE PUCC SYSTEM TO DRAIN MOISTURE FROM THE CAVITY AS PROVIDED HEREIN. DUROCK SHALL NOT BE RESPONSIBLE FOR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. THE SOLE RESPONSIBILITY AND LIABILITY OF DUROCK UNDER THIS WARRANTY SHALL BE TO REPAIR OR REPLACE THE DUROCK MATERIALS DESCRIBED HEREIN SHOWN TO BE DEFECTIVE DURING THE WARRANTY PERIOD AND, IF NECESSARY TO REPAIR AND/OR REPLACE ANY SHEATHING OR FRAMING MEMBER WHICH IS DAMAGED AS A RESULT OF THE SYSTEM FAILING TO DRAIN MOISTURE FROM THE CAVITY BETWEEN THE INSULATION BOARD AND THE WEATHER BARRIER AS PROVIDED HEREIN. NO OTHER CHARGES OR EXPENSES WILL BE ALLOWED BY DUROCK.

THIS WARRANTY IS ISSUED TO THE ORIGINAL OWNER OF THE STRUCTURE INTO WHICH DUROCK'S MATERIALS SHALL HAVE BEEN INCORPORATED, BUT MAY BE TRANSFERRED OR ASSIGNED TO A SUBSEQUENT OWNER OF THE STRUCTURE UPON WRITTEN NOTICE TO DUROCK AT THE ADDRESS PROVIDED BELOW. SUCH TRANSFER OR ASSIGNMENT SHALL NOT EXTEND THE ORIGINAL TERM OF THIS WARRANTY.

SINCE THE GOODS ARE BUILDING MATERIALS AND ARE NOT INTENDED TO BE SOLD TO A "CONSUMER" EXCEPT AS PART OF REAL ESTATE OR AS A MAJOR ADDITION THERETO, THIS WARRANTY SHALL NOT APPLY TO ANY PARTY CONSTITUTING A "CONSUMER" AS SUCH TERM IS DEFINED BY THE MAGNUSON–MOSS WARRANTY ACT.

DUROCK SHALL NOT HAVE ANY OBLIGATIONS UNDER THIS WARRANTY UNLESS THE OWNER NOTIFIES DUROCK ALFACING INTERNATIONAL LIMITED, 101B ROYTEC ROAD, WOODBRIDGE, ONTARIO L4L 8A9, ATTENTION: VICE PRESIDENT, IN WRITING, WITHIN THIRTY (30) DAYS OF DISCOVERY OF ALLEGED DEFECTS. DUROCK SHALL BE ALLOWED A REASONABLE PERIOD OF TIME, AUTHORIZATION TO REMOVE SAMPLES, AND TO PERFORM ANY TESTING DUROCK DEEMS NECESSARY TO INVESTIGATE AND DETERMINE THE CAUSE OF THE DEFECT. THE OWNER SHALL PROVIDE AND CAUSE ANY TEMPORARY REPAIRS TO BE ACCOMPLISHED IN A TIMELY MANNER TO PREVENT FURTHER DAMAGE TO THE STRUCTURE OR CONTENTS OF THE BUILDING UNTIL THE CAUSE OF THE DEFECT IS DETERMINED AND PERMANENT REPAIR RECOMMENDATIONS MAY BE MADE.

DUROCK SHALL NOT HAVE ANY OBLIGATIONS HEREUNDER UNLESS THE SYSTEM SHALL HAVE BEEN MAINTAINED BY THE OWNER WITH REASONABLE CARE.

THIS WARRANTY SHALL BE INTERPRETED UNDER THE LAWS OF THE PROVINCE WHERE WORK IS BEING CONDUCTED.

PART 2 – MATERIALS

2.1 GENERAL
.1 DUROCK ALFACING INTERNATIONAL LIMITED, OR ITS APPOINTED DISTRIBUTORS, SHALL SUPPLY ALL THE MATERIALS AND COMPONENTS FOR THE DUROCK PUCCS.
.2 SUBSTITUTION OF MATERIALS OR COMPONENTS SHALL VOID THE MANUFACTURER'S WARRANTY.

2.2 MATERIALS
.1 AIR/MOISTURE BARRIERS:
  .1 DUROCK CEMENT BEAR – AIR/MOISTURE BARRIER AND ADHESIVE FOR NON–COMBUSTIBLE CONSTRUCTION – WATER–BASED ACRYLIC DISPERSION THAT IS FIELD MIXED WITH TYPE 10, 20, OR 30 PORTLAND CEMENT, MIXED TOGETHER 1:1 BY WEIGHT, APPLIED WITH STAINLESS STEEL TROWEL OR SPRAY EQUIPMENT.
  .2 DUROCK VAPOUR BLOCK – AIR/MOISTURE/VAPOUR BARRIER AND ADHESIVE FOR NON–COMBUSTIBLE CONSTRUCTION – WATER–BASED STYRENE–BUTADIENE DISPERSION THAT IS FACTORY MIXED, APPLIED WITH STAINLESS STEEL TROWEL OR SPRAY EQUIPMENT.
.2 DRAINAGE ACCESSORIES:
  .1 DUROCK UNI–TRACK – POLYVINYL CHLORIDE EXTRUSION PROVIDING DRAINAGE AT HORIZONTAL TERMINATIONS.
.3 INSULATION:
  .1 TYPE I [RSI 0.65/25MM (R 3.7/INCH)] OR TYPE II [RSI 0.70/25MM (R 4.0/INCH)] EXPANDED POLYSTYRENE (EPS) COMPLIANT WITH ULC–S701, THAT IS;
    A. MADE BY A MANUFACTURER APPROVED BY DUROCK.
    B. PACKAGED IN BAGS WITH DUROCK'S LOGO PLAINLY VISIBLE.
    C. AGED AND CUT ACCORDING TO THE REQUIREMENTS OF ASTM E2430, NOMINAL SIZE OF SHEETS BEING HEIGHT AND WIDTH OF 610 X 1219 MM (24 X 48 INCHES).
    D. MADE OF 100% VIRGIN POLYSTYRENE RESIN.
    E. AVAILABLE THICKNESSES: 38, 51, 64, 76, 89, 102, 114, 127, 140, & 152 MM (1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½, & 6 INCH). NOTE: 140 & 152 MM (5½ & 6 INCH) THICKNESSES ARE NOT AVAILABLE FOR DUROCK PUCCS REQUIRED TO COMPLY WITH CAN/ULC–S134. REFER TO "1.4 PERFORMANCE REQUIREMENTS".
  .2 PUCCS EPS INSULATION, IS ROUTER–CUT GROOVING ON EACH SHEET OF 610 X 1219 MM (24 X 48 INCHES):
    A. 10 MM (13/32 INCH) DEEP BY 16 MM (5/8 INCH) WIDE IN 51 MM (2 INCH) RADII,
    B. SEVENTY–TWO CIRCLES ARE CUT EQUIDISTANTLY ON 102 MM (4 INCHES) VERTICAL AND HORIZONTAL CENTRES, TANGENTIALLY OVERLAPPING.
  .3 SPRAY–IN–PLACE POLYURETHANE FOAM, COMPLIANT WITH ULC–S710.1:
    A. SINGLE COMPONENT, MOISTURE CURE, LOW EXPANSION RATE FOAM, USED FOR INSULATION BOARD JOINTS AS A GAP FILLING MATERIAL.
.4 ADHESIVE AND BASE COATS:
  .1 DUROCK PREP COAT – A WATER–BASED ACRYLIC DISPERSION THAT IS FIELD MIXED WITH TYPE 10, 20, OR 30 PORTLAND CEMENT, USED AS AN ADHESIVE AND BASE COAT.
  .2 DUROCK PREP COAT D – A DRY ACRYLIC POLYMER–BASED MATERIAL THAT IS FIELD MIXED WITH POTABLE WATER, USED AS AN ADHESIVE AND BASE COAT.
.5 MECHANICAL FASTENERS:
  .1 WIND–DEVIL 2 BY WIND–LOCK CORP. – HIGH DENSITY PLASTIC WASHERS, 51 MM (2 INCHES) IN DIAMETER, USED IN COMBINATION WITH CORROSION RESISTANT SCREWS THAT ARE SUITABLE FOR THE SUBSTRATE.
  .2 HILTI IDP – HIGH DENSITY PLASTIC FASTENERS, WITH 60 MM (23/8 INCHES) DIAMETER HEADS, USED FOR CONCRETE AND MASONRY SUBSTRATES.
.6 DUROCK FIBRE MESH – ALKALI RESISTANT GLASS FIBRE REINFORCING:
  .1 DUROCK STARTER MESH – NOMINAL 153 G/M2 (4.5 OZ/YD2) WEIGHT, SUPPLIED IN 241 MM (9½ INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS.
  .2 DUROCK FIBRE MESH 4.5 – NOMINAL 153 G/M2 (4.5 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS. THE DUROCK LOGO APPEARS ON THE MESH.
  .3 DUROCK FIBRE MESH 6.0 – NOMINAL 200 G/M2 (6.0 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS. THE DUROCK LOGO APPEARS ON THE MESH.
  .4 DUROCK INTERMEDIATE MESH – NOMINAL 400 G/M2 (12.0 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 22.9 M (75 FEET) LONG ROLLS.
  .5 DUROCK HIGH IMPACT MESH 15– NOMINAL 523 G/M2 (15.4 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 22.9 M (75 FEET) LONG ROLLS.
  .6 DUROCK HIGH IMPACT MESH 21 – NOMINAL 712 G/M2 (21.0 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 22.9 M (75 FEET) LONG ROLLS.
  .7 DUROCK FIBRE MESH TAPE – SELF–ADHERING NOMINAL 88 G/M2 (2.6 OZ/YD2) WEIGHT, SUPPLIED IN 76 MM (3 INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS.
.7 PRIMERS & PAINT:
  .1 DUROCK BASE PRIMER – WATER–BASED, COLOR–PIGMENTED ACRYLIC DISPERSION USED AS A PRIMER FOR DUROCK FINISHES, APPLIED BY ROLLER OR BRUSH.
  .2 DUROCK ROLL–ON – WATER–BASED, COLOR–PIGMENTED ACRYLIC COATING WITH A FINE SAND TEXTURE, USED AS A FINISH COAT ON DECORATIVE TRIM AND MOULDINGS, APPLIED BY ROLLER OR BRUSH.
.8 FINISH COATS:
  .1 DUROCK FINISHES – WATER–BASED, COLOR–PIGMENTED ACRYLIC FINISH WITH INTEGRAL TEXTURE, APPLIED BY TROWEL OR SPRAY. REFER TO THE DUROCK FINISHES DATA SHEET FOR THE SELECTION OF COLOUR AND TEXTURE.
  .2 DUROCK SPECIALTY FINISHES – WATER–BASED, EXPOSED COLORED AGGREGATE FINISHES WITH INTEGRAL TEXTURE, APPLIED BY TROWEL OR SPRAY. REFER TO THE DATA SHEET FOR FURTHER INFORMATION.

2.3 MIXING
.1 ALL DUROCK WATER–BASED PRODUCTS REQUIRE MIXING WITH A MEDIUM DUTY POWER–DRILL (400 – 500 RPM) AND STAINLESS STEEL OR CORROSION RESISTANT PADDLE–MIXING–BLADE.
.2 DUROCK WATER–BASED PAIL–PACKAGED PRODUCTS TO BE MIXED WITH PORTLAND CEMENT ARE REQUIRED TO BE MIXED TO A UNIFORM CONSISTENCY PRIOR TO MIXING WITH PORTLAND CEMENT.
  .1 PREP COAT – GRADUALLY ADD 15 KG (33 LBS) OF TYPE 10, 20, OR 30 PORTLAND CEMENT TO ONE–HALF PAIL OF PREP COAT MIXING CONTINUOUSLY UNTIL A WORKABLE CONSISTENCY IS ATTAINED. LET THE MIXTURE STAND FOR APPROXIMATELY 5 MINUTES, THEN MIX AGAIN TO TEMPER THE MIX AND INCREASE THE POT LIFE, ADDING UP TO 250 ML (8 OZ) OF POTABLE WATER IF REQUIRED TO ADJUST VISCOSITY.
  .2 CEMENT BEAR – GRADUALLY ADD 13.5 KG (30 LBS) OF TYPE 10, 20, OR 30 PORTLAND CEMENT TO ONE–HALF PAIL OF CEMENT BEAR MIXING CONTINUOUSLY UNTIL A WORKABLE CONSISTENCY IS ATTAINED. LET THE MIXTURE STAND FOR APPROXIMATELY 5 MINUTES, THEN MIX AGAIN TO TEMPER THE MIX AND INCREASE THE POT LIFE.
.3 DUROCK DRY–BASED PRODUCTS ARE TO BE MIXED WITH POTABLE WATER IN THE SPECIFIED RATIO FOR THE PRODUCT, UNTIL A WORKABLE CONSISTENCY IS ATTAINED. THE MIXTURE IS TO LET STAND FOR APPROXIMATELY 5 MINUTES, THEN MIX AGAIN TO TEMPER THE CONSISTENCY AND INCREASE THE POT LIFE, ADDING UP TO 250 ML (8 OZ) OF POTABLE WATER, IF REQUIRED TO ADJUST VISCOSITY.
  .1 PREP COAT D – ONE BAG TO 6 L (1.3 IMP GAL) OF POTABLE WATER.
.4 DUROCK NON–CEMENTITIOUS WATER–BASED PAIL–PACKAGED FACTORY–MIXED PRODUCTS ARE REQUIRED TO BE MIXED TO A UNIFORM CONSISTENCY PRIOR TO APPLICATION.
  .1 UP TO 250 ML (8 OZ) OF POTABLE WATER MAY BE ADDED TO DUROCK FINISHES, WHEN BEING APPLIED IN HOT WEATHER, HOWEVER, WATER SHALL NOT BE ADDED TO HEAVILY PIGMENTED FINISHES, I.E., DARK COLOURS.
  .2 WATER IS NOT TO BE ADDED DURING THE MIXING OF DUROCK VAPOUR BLOCK AIR/MOISTURE BARRIER, DUROCK BASE PRIMER, DUROCK ROLL–ON, OR DUROCK SPECIALTY FINISHES.
.5 DISCARD ANY MATERIAL THAT HAS BECOME STIFF OR HARD.

PART 3 – EXECUTION

3.1 GENERAL
.1 PRIOR TO COMMENCING THE WORK, REVIEW THE SUBSTRATE AND REPORT ANY DEFICIENCIES TO THE APPROPRIATE AUTHORITY.
.2 COORDINATE EIFS WORK WITH OTHER TRADES.
.3 INSTALL DUROCK PUCCS FOLLOWING THE GENERAL PRINCIPLES SUMMARIZED IN ASTM C 1397.
.4 APPLY MASKING AND TEMPORARY PROTECTION TO ENSURE THE WORK OF THIS SECTION DOES NOT RESULT IN THE PRODUCTS STAINING OTHER COMPONENTS OF THE BUILDING ASSEMBLY.
.5 MAINTAIN A MINIMUM AMBIENT AND SURFACE TEMPERATURES ABOVE 4.0C (40.0F) FOR AT LEAST 24 HOURS AFTER EACH APPLICATION OF WET–STATE MATERIAL.

3.2 AIR/MOISTURE BARRIER AND INSULATION
.1 DUROCK FIBRE MESH TAPE IS TO BE APPLIED OVER ALL SHEATHING BOARD JOINTS IN AREAS THAT ARE TO RECEIVE DUROCK CEMENT BEAR OR VAPOUR BLOCK AIR/MOISTURE BARRIER AND SUBSTRATE TRANSITIONS.
.2 ALL SHEATHING BOARD JOINTS AND FASTENER HEADS ARE TO BE COATED WITH DUROCK AIR/MOISTURE BARRIER, AND ALLOWED TO CURE, PRIOR TO COATING THE WALL.
.3 INSTALL DUROCK UNI–TRACK AT THE HORIZONTAL TERMINATIONS, AS DELINEATED IN THE ARCHITECTURAL DRAWINGS:
  .1 FASTEN THE TRACK WITH MINIMUM 25 MM (1 INCH) CORROSION RESISTANT SCREWS 400 MM (16 INCHES), OR
  .2 ADHERE THE UNI–TRACK WITH THE AIR/MOISTURE BARRIER.
  .3 BUTT ENDS TIGHT TOGETHER. SEAL ENDS AT TERMINATION POINTS AND CORNERS.
.4 BACKWRAPPING OF THE REINFORCED BASE COAT IS REQUIRED AT ALL SYSTEM TERMINATIONS, INCLUDING EXPANSION JOINTS. THE STARTER MESH SHALL BE ENCAPSULATED WITHIN THE ADHESIVE OR AIR/MOISTURE BARRIER.
  .1 THE INSULATION MAY BE PRE–WRAPPED WITH THE REINFORCED BASE COAT PRIOR TO ATTACHMENT TO THE SUBSTRATE. NOTE, THIS IS A RECOMMENDED PRACTICE FOR HORIZONTAL TERMINATIONS WHERE DRAINAGE FOR THE DUROCK PUCCS IS REQUIRED.
  .2 BACKWRAPPING SHALL EXTEND AT LEAST 65 MM (2½ INCHES) BEHIND THE TERMINATION EDGE, AND SHOULD EXTEND AT LEAST 50 MM (2 INCHES) BEYOND ANY TRANSITION MEMBRANE PRESENT.
  .3 EXERCISE CARE TO ENSURE THE DRAINAGE PATH IS NOT OBSTRUCTED WHEN BACKWRAPPING HORIZONTAL TERMINATIONS THAT ARE EXPECTED TO DRAIN, ESPECIALLY WHEN THERE IS NO UNI–TRACK PRESENT.
.5 DUROCK PUCCS IS REQUIRED TO HAVE A SOLID RIBBON OF ADHESIVE, 50 MM (2 IN) WIDE ALONG ONE SIDE OF EACH EXTERIOR CORNER OF THE BUILDING TO CLOSE THE CAVITY OF THE SYSTEM FOR COMPARTMENTALIZATION.
.6 PUCCS ONE–STEP BARRIER/ADHESIVE METHOD
  .1 THE AIR/MOISTURE BARRIER MUST BE APPLIED 3 MM (1/8 INCH) THICK, UNIFORMLY AND THE PUCCS INSULATION SHALL BE IMMEDIATELY PLACED AND ADHERED TO THE WET AIR/MOISTURE BARRIER.
  .2 INSTALL MECHANICAL FASTENERS IMMEDIATELY AFTER THE INSULATION HAS BEEN ADHERED, PLACED INTO EACH PUCCS INSULATION BOARD, EITHER:
    A. FASTENERS SHALL BE LOCATED 254 MM (10 INCHES) FROM ONE HORIZONTAL BOARD EDGE, 152 MM (6 INCHES) FROM ONE VERTICAL EDGE, AND SPACED 406 MM (16 INCHES) APART HORIZONTALLY (I.E. THREE FASTENERS PER FULL SHEET OF INSULATION) OR;
    B. FASTENERS SHALL BE LOCATED 152 MM (6 INCHES) FROM BOTH HORIZONTAL BOARD EDGES, 254 MM (10 INCHES) FROM ONE VERTICAL EDGE, AND SPACED 610 MM (24 INCHES) APART HORIZONTALLY (I.E. FOUR FASTENERS PER FULL SHEET OF INSULATION).
.7 PUCCS TWO–STEP BARRIER/ADHESIVE METHOD
  .1 APPLY DUROCK CEMENT BEAR OR VAPOUR BLOCK AT A MINIMUM DRY THICKNESS OF 1.6 MM (1/16 INCH) AND ALLOW IT TO DRY FOR A MINIMUM OF 24 HOURS PRIOR TO APPLYING ADHESIVE.
  .2 ADHESIVE SHALL BE APPLIED WITH A 12.7 X 12.7 X 51 MM (½ X ½ X 2 INCHES) NOTCHED TROWEL, APPLIED APPROXIMATELY ON A 450 ANGLE FROM THE WALL, ALIGNING THE NOTCHES OF ADHESIVE VERTICALLY ONTO THE WALL.
  .3 INSULATION SHALL BE PLACED SUCH THAT THE ADHESIVE MAKES WET CONTACT WITH THE AIR/MOISTURE BARRIER, PRESSING IT FIRMLY WHILE THE ADHESIVE IS STILL WET.
.8 THE INSULATION SHALL BE INSTALLED SUCH THAT:
  .1 VERTICAL JOINTS ARE STAGGERED, BOARDS ARE ORIENTED LENGTHWISE HORIZONTALLY, AND INTERIOR AND EXTERIOR CORNERS MUST BE INTERLOCKED.
    A. INTERLOCKING PUCCS INSULATION AT EXTERIOR CORNERS REQUIRES A FLUSH ABUTMENT, SUCH THAT;
      I) THE COLUMN OF PROTRUDING CIRCLES ALONG THE EDGE OF THE EXTERIOR SHEET ARE RASPED FLUSH WITH THE PLANE OF THE DRAINAGE GROOVES, OR
      II) SPRAY–IN–PLACE POLYURETHANE FOAM IS APPLIED TO FILL THE GAPS, OR
      III) SOLID SHEETS OF INSULATION ARE USED AT THE CORNERS.
  .2 BOARD JOINTS DO NOT ALIGN WITH SHEATHING BOARD JOINTS AND THE CORNERS OF THROUGH–WALL PENETRATIONS SUCH AS WINDOWS AND DOORS.
  .3 AT ALL EXTERIOR AND INTERIOR CORNERS OF THE BUILDING, THE INSULATION MUST BE INSTALLED TO PREVENT THE MOVEMENT OF AIR THROUGH THE ADHESIVE AND/OR INSULATION CAVITY.
  .4 GAPS GREATER THAN 1.6 MM (1/16 INCH) WIDE MUST HAVE SLIVERS OF INSULATION FITTED TO THE ENTIRE THICKNESS OF THE INSULATION, OR BE SPRAYED WITH SPRAY–IN–PLACE POLYURETHANE FOAM.
  .5 AT LEAST 6.4 MM (1/4 INCH) SPACE IS LEFT AROUND THE PERIMETER OF WINDOWS, DOORS AND OTHER PENETRATIONS.
  .6 THE GAPS LEFT FOR EXPANSION AND TERMINATION JOINTS SHOULD ACCOUNT FOR THE THICKNESS OF THE REINFORCED BASE COAT BACKWRAPPING THE TERMINATION IN THE EIFS.
  .7 REMOVE ANY RESIDUAL ADHESIVE FROM THE INSULATION BOARD JOINTS THAT MAY INTERFERE WITH THE PLACEMENT OF SUBSEQUENT SHEETS OF INSULATION.
.9 MECHANICAL FASTENERS, WHERE INSTALLED, MUST BE SEATED FLUSH WITH THE INSULATION BOARD FACE (NOT COUNTERSUNK), AND MUST BE INSTALLED SUCH THAT THE FASTENERS PENETRATE:
  .1 8 MM (5/16 INCH) INTO STEEL FRAMING
  .2 25 MM (1 INCH) INTO CONCRETE AND MASONRY
  .3 25 MM (1 INCH) INTO WOOD FRAMING
.10 MECHANICAL FASTENERS ARE REQUIRED AT ALL LOCATIONS WHERE PROTECTO WRAP EIFS TAPE EXTENDS MORE THAN 100 MM (4 INCHES) BEHIND THE EIFS, AND AT ALL LOCATIONS WHERE SOPREMA SOPRASEAL STICK 1100T OR BAKOR BLUESKIN SA EXTENDS MORE THAN 50 MM (2 INCHES) BEHIND THE EIFS.
.11 MECHANICAL FASTENERS ARE REQUIRED AT ALL LOCATIONS WHERE BACKWRAPPING DOES NOT EXTEND AT LEAST 50 MM (2 INCHES) BEYOND ANY TRANSITION MEMBRANE PRESENT.
.12 THE INSULATION MUST BE RASPED WITH AN ABRASIVE METAL OR OTHERWISE TO ENSURE THE SURFACE IS PLANE AND SMOOTH, REMOVING ANY OF THE INSULATION THAT MAY HAVE BEEN DAMAGED DUE TO PROLONGED EXPOSURE TO ULTRAVIOLET RADIATION.
  .1 THE ADHESIVE MUST BE CURED FOR AT LEAST 24 HOURS WHEN FASTENERS ARE NOT USED.
  .2 MINIMUM THICKNESS OF INSULATION AFTER RASPING SHALL BE;
    A. 32 MM (1¼ INCH)
.13 AESTHETIC REVEALS, WHERE SPECIFIED, SHALL BE CUT SUCH THAT;
  .1 THE DEPTH PROVIDES AT LEAST 19 MM (¾ INCH) OF SOLID INSULATION AT THE INNERMOST POINT OF THE REVEAL.
  .2 THE REVEALS MUST NOT COINCIDE WITH ANY INSULATION BOARD JOINTS.
  .3 HORIZONTAL REVEALS ARE SLOPED TO PROVIDE POSITIVE DRAINAGE OF PRECIPITATION, AT LEAST 3:12.

3.3 BASE COAT&FIBRE MESH
.1 BASE COAT AND FIBRE MESH:
  .1 IF ANY MECHANICAL FASTENERS HAVE BEEN INSTALLED, APPLY BASE COAT TO COVER THE FASTENER HEADS AND LET CURE FOR 24 HOURS BEFORE THE BASE COAT APPLICATION.
  .2 BASE COAT SHALL BE APPLIED TO THE INSULATION THROUGHOUT THE ENTIRE EXTERIOR PLANE OF THE WALL ASSEMBLY, OVERLAPPING THE BACKWRAPPING AT EACH INTERFACE AND TERMINATION DETAIL.
  .3 FIBRE MESH SHALL BE EMBEDDED INTO THE WET BASE COAT, AND THE SURFACE SHALL BE RENDERED UNIFORM AND SMOOTH.
  .4 HORIZONTAL AND VERTICAL OVERLAPPING OF THE FIBRE MESH MUST BE AT LEAST 100 MM (4 INCHES). 125 MM (5 INCH) OVERLAPS ARE REQUIRED FOR INSULATION THICKNESSES 114 & 127 MM (4½ & 5 INCH) WHERE DUROCK PUCCS IS REQUIRED TO COMPLY WITH CAN/ULC–S134.
  .5 AT INTERIOR AND EXTERIOR CORNERS, THE FIBRE MESH SHALL BE DOUBLED UP, OVERLAPPING AT LEAST 200 MM (8 INCHES) ONTO EACH SIDE OF THE CORNER.
  .6 FIBRE MESH MUST BE INSTALLED AT LEAST 229 X 305 MM (9 X 12 INCHES) AT A 450 ANGLE AT THE CORNERS OF ALL THROUGH WALL PENETRATIONS.
  .7 FIBRE MESH FULLY ENCAPSULATED WITHIN THE BASE COAT ON ALL EXPOSED EDGES OF THE INSULATION.
  .8 HIGH IMPACT MESH, WHERE REQUIRED, MUST BE INSTALLED WITHOUT OVERLAPPING TO PREVENT BULGING IN THE WALL SURFACE. STANDARD WEIGHT OF 4.5 OR 6.0 OZ MUST BE INSTALLED OVERTOP OF HIGH IMPACT MESH.
  .9 THE BASE COAT SHALL BE CURED AT LEAST 24 HOURS BETWEEN COATS, AS WELL AS BEFORE PRIMER AND FINISH ARE APPLIED. MINIMUM BASE COAT THICKNESS SHALL BE 2 MM (1/12 INCH).

3.4 PRIMER&FINISH COAT
.1 DUROCK RECOMMENDS THE APPLICATION OF PRIMER PRIOR TO THE FINISH TO ENHANCE THE COLOR CONSISTENCY AND DURABILITY OF THE SYSTEM. DUROCK ALSO RECOMMENDS APPLICATION OF PRIMER FOR ALL DARK COLORED FINISHES, OR APPLICATIONS IN HOT WEATHER CONDITIONS, DUROCK BASE PRIMER SHALL BE APPLIED TO THE REINFORCED BASE COAT WITH A ROLLER, BRUSH OR SPRAY EQUIPMENT. PRIMER MUST DRY AT LEAST 4 TO 6 HOURS PRIOR TO FINISH COAT APPLICATION.
.2 APPLY DUROCK FINISH COAT IN ACCORDANCE WITH THE RECOMMENDATIONS FOR THE SPECIFIC TEXTURE (REFER TO THE APPROPRIATE DUROCK PRODUCT DATA SHEET). RENDER AND FLOAT THE DUROCK FINISH COAT TO MATCH THE APPROVED COLOR AND TEXTURE APPROVED BY THE OWNER OR DESIGNER.
.1 DUROCK REQUIRES THAT FINISH COAT NOT BE APPLIED INTO EIFS EXPANSION JOINTS WHERE THE SEALANT IT IS TO BE APPLIED.
.2 PROTECT FINISH COAT UNTIL IT IS FULLY DRIED, AND FOR AT LEAST 24 HOURS AFTER APPLICATION.
.3 CLEAN UP:
.1 REMOVE MASKING AND TEMPORARY PROTECTION AS REQUIRED.
.2 ENSURE WORK OF OTHER TRADES IS NOT ADVERSELY AFFECTED BY THE WORK OF THIS SECTION.
.3 REMOVE ALL LEFTOVER MATERIALS AND GARBAGE FROM THE JOBSITE.

6 TERMINATION @ EIFS SOFFIT
SCALE: NTS

3 SIGNAGE ATTACHMENT
SCALE: NTS

5 SCUPPER PENETRATION
SCALE: NTS

2 HORIZONTAL EXP. JOINT @ SLAB
SCALE: NTS

4 WINDOW HEADER W/ SEALANT
SCALE: NTS

1 WINDOW SILL
SCALE: NTS

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MaryBROWN'S CHICKEN

1.5.2022

#	BY	DATE	ISSUES & REVISIONS
	AZ	MAR 30 2022	REVIEW 1.2.2022
	AZ	APR 26 2022	REVIEW 1.3.2022
	AZ	MAY 6 2022	REVIEW 1.4.2022
	AZ	MAY 12 2022	REVIEW 1.5.2022

ALT. EIFS SYSTEM SPEC. & DETAILS
MARY BROWNS CHICKEN
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE:	MAR 2022
DRAWN BY:	
CHECKED BY:	AZ
COMM. NO.	(21–81)

A9.0

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE.

DO NOT SCALE DRAWINGS.