

Instruction to Bidders

1 GENERAL

1.01 INVITATION

- .1 Tender Call:
 - .1 Ensure offers are signed under seal, executed, and dated and are received by the Kentville Volunteer Fire Department located at 463 Main Street, Kentville NS **before 1:00 pm local time on the Wednesday, 3rd day of June 2020.**
 - .2 Offers submitted after above time will be returned to Bidder unopened.
 - .3 Offers will be opened publicly immediately after time for receipt of Bids.
 - .4 Amendments to submitted offer will be permitted if received in writing prior to Bid closing and if endorsed by same party or parties who signed and sealed offer.

1.02 INTENT

- .1 Intent of this Bid call is to obtain an offer to perform Work to complete the roof replacement of the Kentville Fire Station located at 463 Main Street Kentville, NS for Stipulated Lump Sum Price contract, in accordance with Contract Documents.
- .2 Perform Work within time stated in the tender form.
- .3 Initiate Work within 14 calendar days of receipt of notice of contract award

1.03 CONTRACT DOCUMENTS IDENTIFICATION

- .1 Contract Documents are identified herein prepared by T.A. Scott Architecture, Dartmouth NS.

1.04 CONTRACT/BID DOCUMENTS

- .1 Submit all Stipulated Lump Sum Bids on the Form provided
- .2 Definitions:
 - .1 Contract Document: defined in CCDC 2 Edition.
 - .2 Bid Document: Contract Documents supplemented with Instructions to Bidders.
- .3 Availability:
 - .1 Electronic PDF versions of the 24" x 36" Bid Documents can be obtained by contacting the Office Manager, secretary@kentvillefire.ca.
 - .5 Bid Documents are made available only for purpose of obtaining offers for this project. Their use does not confer license or grant for other purposes.
- .4 Examination:
 - .1 Bidders are responsible to visit the site to become familiar with the work and satisfy themselves of the full and complete scope of the Work
 - .2 No claim for extra will be accepted for conditions that the Bidder could have easily seen or determined at the time of their visit

- .3 Bid Documents verify that documents are complete.
- .5 Immediately notify the Kentville Fire Departments Office Manager secretary@kentvillefire.ca in writing upon finding discrepancies or omissions in Bid Documents.

- .5 Queries/Addenda:
 - .1 Direct questions to the Fire Chief, Brian Desloges, telephone 902 678-7798 (o) or 902 670-6931 (c) or by e-mail at bdesloges@kentvillefire.ca.
 - .2 Addenda may be issued during Bidding period. Addenda will become part of Contract Documents. Include costs in Bid Price.
 - .3 Verbal answers are only binding when confirmed by written addenda.
 - .4 Clarifications requested by Bidders must be in writing not less than seven (7) days before date set for receipt of Bids. Reply will be in form of an addendum. Copy of addendum will be forwarded to known Bidders no later than 5 working days before receipt of Bids.

- .6 Product/System Options:
 - .1 Where Bid Documents stipulate a particular product, substitutions will not be considered. Bid on the materials specified

1.05 SITE ASSESSMENT

- .1 Site Examination:
 - .1 Visit project site and surrounding area before submitting Bid.
 - .2 Contact the Project Manager, Danny Durling, at the fire station during normal business hours by phone 902 698 9037 to arrange date and time to visit place of Work.
 - .3 Currently occupied premises at project site are open for examination by Bidders only during hours as follows: Monday through Friday 8:30 am to 4:30 pm.

1.06 QUALIFICATIONS

- .1 Subcontractors:
 - .1 Owner reserves right to reject proposed subcontractors for reasonable cause.

1.07 BID SUBMISSION

- .1 Bid Depository:
 - .1 Not Used

- .2 Bid Ineligibility:
 - .1 Bids that are unsigned, improperly signed or sealed, conditional, illegible, obscure, contain arithmetical errors, erasures, alterations, or irregularities of any kind, may be declared informal at Owner's discretion and rejected.
 - .2 Bid Forms and enclosures which are improperly prepared may be declared informal at Owner's discretion.
 - .3 Bids that fail to include security deposit, bonding or insurance requirements will be rejected.

- .3 Submissions:
 - .1 Bidders are solely responsible for delivery of their Bids in manner and time prescribed.
 - .2 Submit one copy of executed offer on Bid Form provided, signed and with corporate seal together with all required security, and WCB Letter of Good Standing in sealed opaque envelope, clearly identified with Bidder's name, project name and Owner's name on outside.
 - .3 Improperly completed information, irregularities in Security Deposit, Bid Bond, Performance Bonds will be cause to reject the Bid.

1.08 BID ENCLOSURES/ REQUIREMENTS

- .1 Security Deposit:
 - .1 Bids are to be accompanied by security deposit as follows : Bid Bond or certified cheque in the amount of 10 percent of Bid price;.
 - .2 Endorse Bid Bond or certified cheque in name of Owner as obligee, signed and sealed by principal Contractor and surety.
 - .3 Use most current edition CCDC approved bond forms.
 - .4 Security deposit will be returned after delivery to Owner of required Performance and Labour and Materials Payment Bond by accepted Bidder.
 - .5 If no contract is awarded, security deposits will be returned.
- .2 Consent of Surety / Agreement to Bond:
 - .1 Submit with Bid Form and Bid Bond, Agreement to Bond, stating that surety providing Bid Bond is willing to supply Performance and Labour and Materials Payment Bond valued at 50% of the specified bid amount.
 - .2 Include cost of bonds in Bid Price.
- .3 Insurance:
 - .1 Provide signed "Undertaking of Liability Insurance" on standard form provided by insurance company stating intention to provide insurance to Bidder in accordance with insurance requirements of Contract Documents. Liability Insurance required: \$3,000,000.
 - .2 Bidders to provide a letter of Good Standing from the Workers Compensation Board.
- .5 Bid Form Requirements:
 - .1 State in Bid Form, time required to complete Work in weeks.
 - .2 Bidder, in submitting an offer, agrees to complete Work by date indicated in Contract Documents.
 - .4 Consideration will be given to time of completion when reviewing Bids submitted.
- .6 Bid Signing:
 - .1 Bid Form to be signed under seal by Bidder.

.8 Contract Documents

Instruction to Bidders
Summary of the Work
Tender Submission Form
Dwg A-0, Kentville Fire Station Renovation
Dwg A-0.1, Architectural Legend
Dwg A-0.2, Architectural Specifications
Dwg A-1.1, Roof Plan Existing
Dwg A-1.2, Roof Plan – Demo
Dwg A-1.3, Roof Plan – New
Dwg A-1.4, Interior Layout Reference
Dwg A-1.5, New Roof Details
Dwg A-1.6, Skylight Details
Dwg S-101 Structural

- .2 Within the Bid Form provided include names of Subcontractors and portions of Work Bidder will perform.

1.09 OFFER ACCEPTANCE/ REJECTION

- .1 Duration of Offer:
.1 Bids to remain open to acceptance, and irrevocable for thirty 30 days after Bid closing date.
- .2 Acceptance of Offer:
.1 Owner reserves right to accept or reject any or all offers.
.2 The Owner reserves the right to waive all informality as it deems in the best interest of the Owner
.2 After acceptance by Owner, will issue to successful Bidder, written Bid acceptance.
.3 After Bid has been accepted, unsuccessful Bids will be returned to respective Bidders with submitted Bid securities.

Summary of Work

1 GENERAL

1.01 RELATED REQUIREMENTS

- .1 Section – Instruction to Bidders.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

- .1 Work of this Contract comprises general construction and renovation of the entire roof of the Kentville Fire Station, located at 463 Main Street, Kentville, NS; and further identified as complete removal of the entire existing roof system, followed by the reinstatement of a complete new roof with skylights as detailed in the drawings prepared by T.A Scott Architecture and listed in the Instruction to Bidders.

1.03 CONTRACT METHOD

- .1 Construct Work under a stipulated lump sum price contract.

1.04 WORK BY OTHERS

- .1 Not Used

1.05 FUTURE WORK

- .1 Not Used

1.06 WORK SEQUENCE

- .1 Construct Work to accommodate Owner's continued and uninterrupted use of this working fire station during construction.
- .2 Co-ordinate Progress Schedule accommodating with Owner Occupancy during construction.
- .3 Construct Work to provide for continuous public usage of the Auditorium and the Fire Station for firefighter access, fire apparatus response to Main and Webster Streets, and public entrance to the entire building.
- .5 Maintain fire access to sprinkler connection on Main Street.
- .6 Maintain uninterrupted use of the Kentville Arena and its parking lot for access to the arena for scheduled events and daytime parking for local area businesses. Provide barriers to restrict access and allow for construction nearest the building.

1.07 CONTRACTOR USE OF PREMISES

- .1 Access for construction is limited for construction access and daily materials

storage to the smallest area possible. The only area for partial access and material storage is the Auditorium courtyard facing Main Street. This area is restricted allowing only limited storage while maintaining access to the Auditorium entrance. If used for storage provide safety fencing to separate Work area from material storage and roof access. No access by vehicles onto existing sidewalk and courtyard concrete surfaces. Additional materials storage is restricted to the smallest area necessary in the Kentville arena parking lot nearest to the Fire Station loading doors and the northwest corner adjacent to the fire station. Do not interfere or block arena access by the public and maintenance staff. Contractor vehicles restricted to on-street parking or parking in the Kentville Arena Parking lot until Substantial Performance.

- .2 Limit use of premises for Work, for storage, and for access, to allow:
 - .1 Owner occupancy.
 - .2 Public usage.
- .3 Co-ordinate use of premises under direction of the Fire Departments' Project Manager, Danny Durling during normal business hours
- .4 Obtain and pay for use of additional storage or Work areas needed for operations under this Contract.
- .5 Remove or alter existing Work to prevent injury or damage to portions of existing work which remain.
- .6 Repair or replace portions of existing work which have been altered during construction operations to match existing or adjoining work, as required by the Work and/or directed by the Owner/Project Manager.
- .7 At completion of operations condition of existing work: equal to or better than that which existed before new work started.

1.08 OWNER OCCUPANCY

- .1 Owner will occupy premises during entire construction period for execution of normal operations.
- .2 Co-operate with Owner in scheduling operations to minimize conflict and to facilitate Owner usage.

1.09 PARTIAL OWNER OCCUPANCY

- .1 Not Used

1.10 [PRE-ORDERED PRODUCTS] [PRE-BID WORK]

- .1 Not Used

1.11 PRE-PURCHASED EQUIPMENT

- .1 Not Used .

1.12 FURNISHED ITEMS

- .1 Contractor Responsibilities:
 - .1 Designate submittals and delivery date for each product in progress schedule.
 - .2 Review shop drawings, product data, samples, and other submittals. Submit to Consultant notification of observed discrepancies or problems anticipated due to non-conformance with Contract Documents.
 - .3 Receive and unload products at site, limiting storage as stipulated.
 - .4 Inspect deliveries; record shortages, and damaged or defective items.
 - .5 Handle products at site, including uncrating and storage.
 - .6 Protect products from damage, and from exposure to elements.
 - .7 Assemble, install, connect, adjust, and finish products.
 - .8 Provide installation inspections required by public authorities.
 - .9 Repair or replace items damaged by Contractor and subcontractor under their control.

1.13 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING

- .1 Execute work with least possible interference or disturbance to building operations, occupants, public and normal use of premises. Arrange with the Kentville Fire Department's Project Manager, Danny Durling during normal business hours to facilitate execution of work.

1.14 EXISTING SERVICES

- .1 Notify, Project Manager and utility companies of intended interruption of services and obtain required permission and permits as necessary.
- .2 Where Work involves necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions. Carry out work at times as directed by the Project Manager with minimum disturbance.
- .3 Provide protection at all fire apparatus bay doors and all entrance doors for firefighters, the public, and fire apparatus traffic.
- .4 Submit schedule to and obtain approval from the Fire Departments Project Manager for any shut-down or closure of active service or facility including power and communications services. Adhere to approved schedule and provide notice.
- .5 Construct barriers to prevent access by the public in accordance with the Contractors Safety Plan and their use of the site or as required by the Project Manager.

1.15 DOCUMENTS REQUIRED

- .1 Maintain at job site, one copy each document as follows:
 - .1 Contract Drawings.
 - .2 Specifications.
 - .3 Addenda.
 - .4 Reviewed Shop Drawings.
 - .5 List of Outstanding Shop Drawings.

- .6 Change Orders.
- .7 Other Modifications to Contract.
- .8 Copy of Approved Work Schedule.
- .9 Contractor's Health and Safety Plan and Other Safety Related Documents.

End of Summary of Work

Tender Submission Form

This is a Stipulated Lump Sum Tender for the complete Work described in the Bid Documents offered by;

Contractor Name

Contractor Address

Contractor Contact Information / email/phone

Stipulated Lump Sum Price Breakdown

General Conditions, Bonds, Mobilization, Insurance \$ _____

Barricades, Barriers, Site Hoarding, Safety Barriers \$ _____

Existing Roof System Materials Removal Complete \$ _____

New Roof System Installation Complete \$ _____

Skylights Complete \$ _____

Total \$ _____

HST \$ _____

Number of weeks to attain Substantial Performance of the Work _____

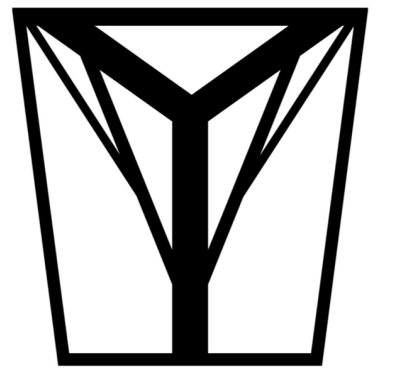
Earliest Available Start Date: _____

List of Subcontractors:

_____	_____
_____	_____
_____	_____

Signed

Seal



T.A. SCOTT
ARCHITECTURE + DESIGN
DRAWING INSPIRATION



www.consulpinto.com
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F (902) 484-7288

Civil
Structural
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Mediation/Arbitration
Failure Investigations &
Reports



GENERAL & DESIGN NOTES

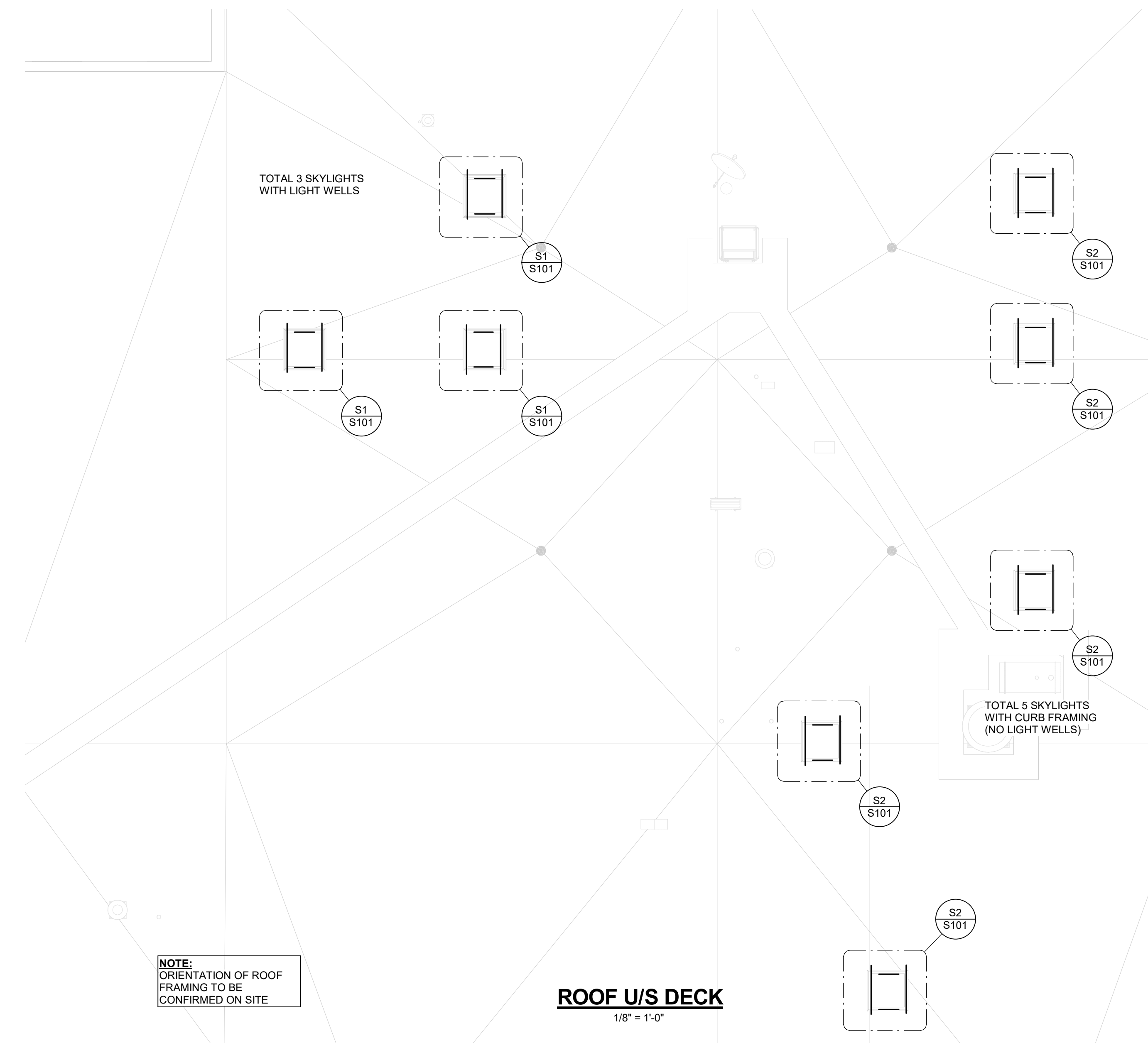
1. THE DRAWINGS DO NOT INDICATE ELEMENTS THAT MAY BE NECESSARY FOR CONSTRUCTION SAFETY. THE CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY MEASURES PERTAINING TO THE PROJECT. DO NOT CONSTRUCT FROM THESE DRAWINGS UNLESS "ISSUED FOR CONSTRUCTION" BY MALCOLM PINTO ENGINEERING LTD.
2. THE STRUCTURE HAS BEEN DESIGNED FOR LOADS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, 2015 ED. STRUCTURE DESIGNED USING IMPORTANCE CATEGORY OF "NORMAL" PER NBCO REQUIREMENTS.
3. CONSTRUCTION SHALL CONFORM TO NBCO, 2015 ED. AND THE LATEST EDITIONS OF APPLICABLE CSA AND SAFETY STANDARDS.
4. THE GENERAL CONTRACTOR SHALL REVIEW ALL THE CONTRACT DRAWINGS AND CHECK/COORDINATE DIMENSIONS/ELEVATIONS BEFORE CONSTRUCTION. REPORT ANY DISCREPANCIES BETWEEN STRUCTURAL AND OTHER DISCIPLINE'S DRAWINGS FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
5. ALL DRAWINGS AND RELATED DOCUMENTS AND DETAILS ARE THE COPYRIGHT OF MALCOLM PINTO ENGINEERING LIMITED AND CANNOT BE USED OR REPRINTED WITHOUT CONSENT IN WRITING FROM MALCOLM PINTO ENGINEERING LIMITED.
6. ALL NON-STRUCTURAL COMPONENTS & EQUIPMENT AND THEIR CONNECTIONS TO THE STRUCTURE (ALL BY OTHERS) AS DEFINED IN PART 4.1.8.1B OF THE 2015 NBCO SHALL BE DESIGNED TO ACCOMMODATE DEFLECTIONS AND LOADS NOTED THEREIN FOR AN IMPORTANCE CATEGORY OF "NORMAL".
7. REFER TO ALL OTHER DISCIPLINE'S DRAWINGS FOR LOCATIONS, CONFIGURATIONS, EXTENT, AND SIZES OF ALL CURBS, UPSTANDS, DOWNTURNS, AND FOR OPENINGS THROUGH FLOORS, WALLS, & ROOFS OR DUCTS, CONDUITS, PIPES, ETC. AND PROVIDE FOR SAME INCLUDING THOSE INCASSED IN CONCRETE AND REQUIRING FORMWORK COORDINATION.

TEMPORARY WORKS NOTES

1. THE CONTRACTOR SHALL DESIGN, PROVIDE, ERECT, MAINTAIN, REMOVE, AND ASSUME FULL AND SOLE RESPONSIBILITY FOR ALL TEMPORARY WORKS REQUIRED FOR THE SAFE AND COMPLETE EXECUTION OF THE CONTRACT WORKS.
2. IN THE EXECUTION OF THE TEMPORARY WORKS AND FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR ALL CONSTRUCTION LOADING AND PROVIDE SUFFICIENT BRACING TO KEEP THE WORKS IN PLUMB AND ALIGNMENT AND FREE FROM EXCESSIVE DEFLECTION.

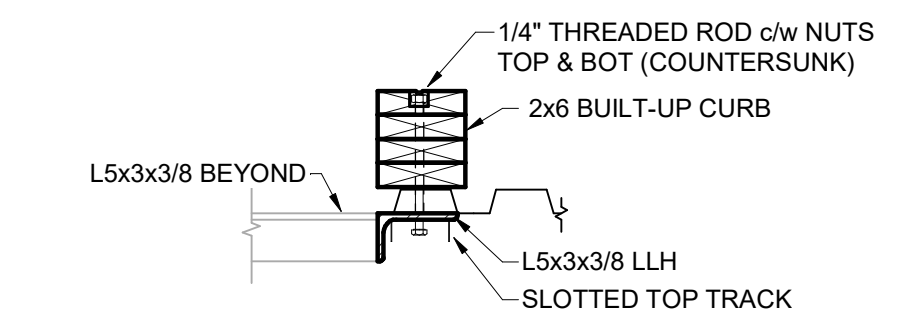
STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL SHALL BE NEW STOCK AND SHALL CONFORM TO CSA G40.20-04/G40.21-13 GRADE 50W FOR ROLLED SECTIONS, 44W FOR PLATE, & 50W CLASS C FOR HSS. FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH CAN/CSA-S16-09. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH CSA W59-13 AND W55.3-08(2013) 1965 BY A FABRICATOR APPROVED UNDER CSA W47.1-09 DIV. 1 AND 2.
2. FABRICATOR MUST SUBMIT SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF NOVA SCOTIA PRIOR TO COMMENCEMENT OF FABRICATION.
3. ANCHOR RODS SHALL CONFORM TO ASTM F1334. FIELD ANCHOR RODS TO BE ADHESIVE TYPE ANCHORS 3/4" DIA. MIN. U.N.O.
4. STEEL ROOF DECK TO BE FASTENED TO SUPPORTS WITH 3/4" DIA. PUDDLE WELDS @ 6". SIDE LAPS BUTT PUNCHED @ 12"

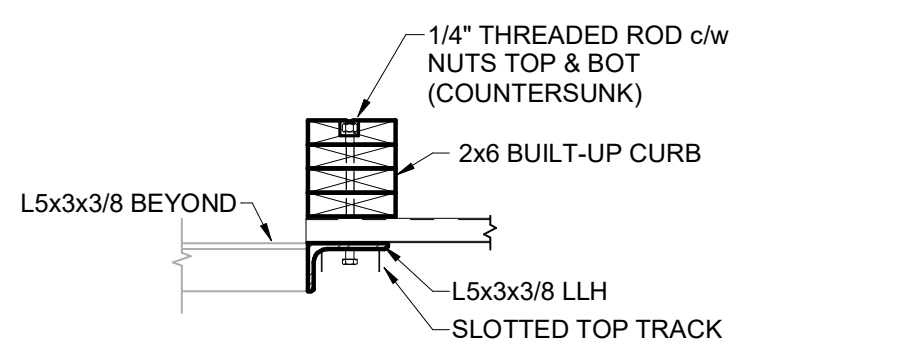


NOTE:
ORIENTATION OF ROOF FRAMING TO BE CONFIRMED ON SITE

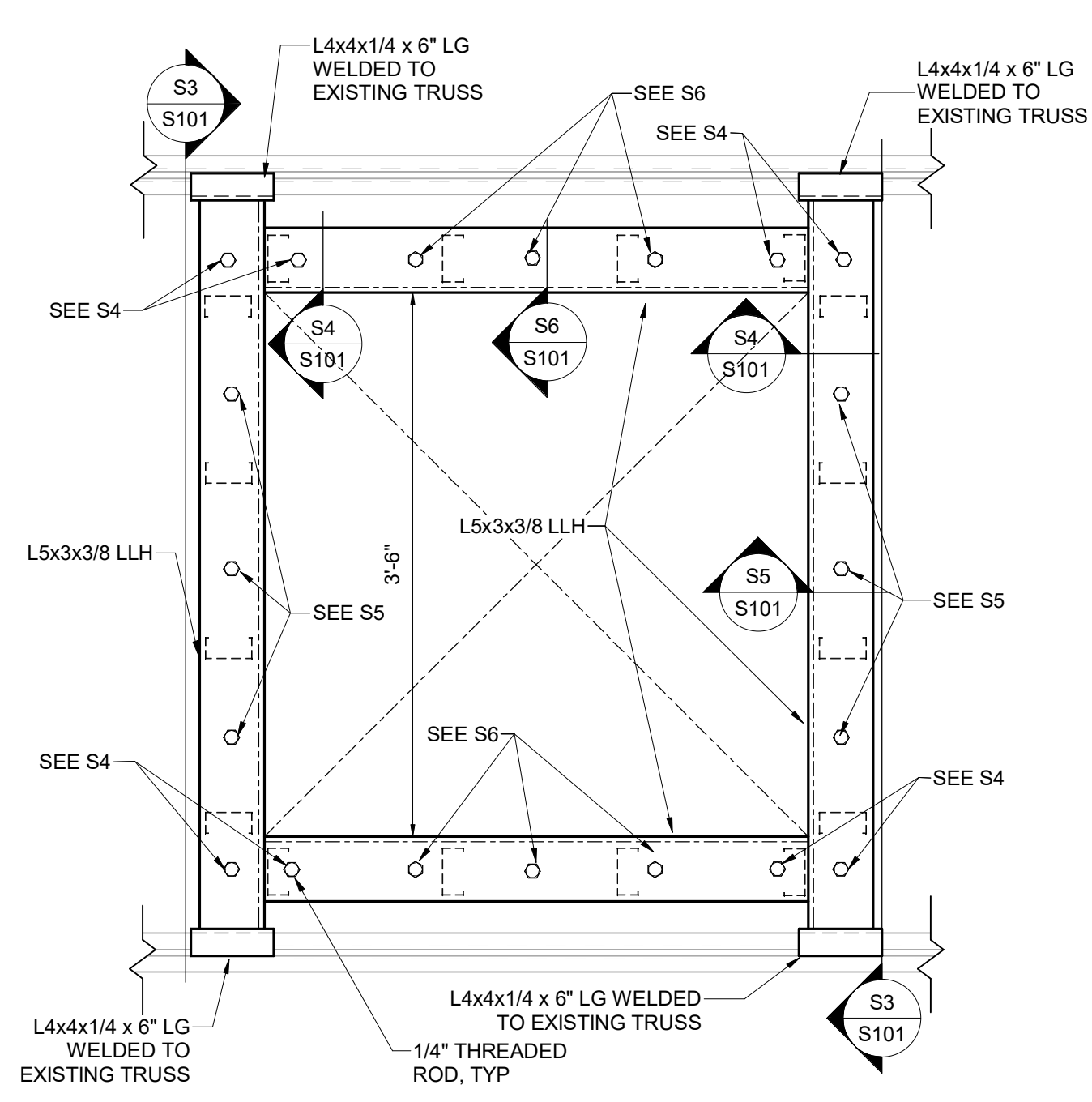
ROOF U/S DECK
1/8" = 1'-0"



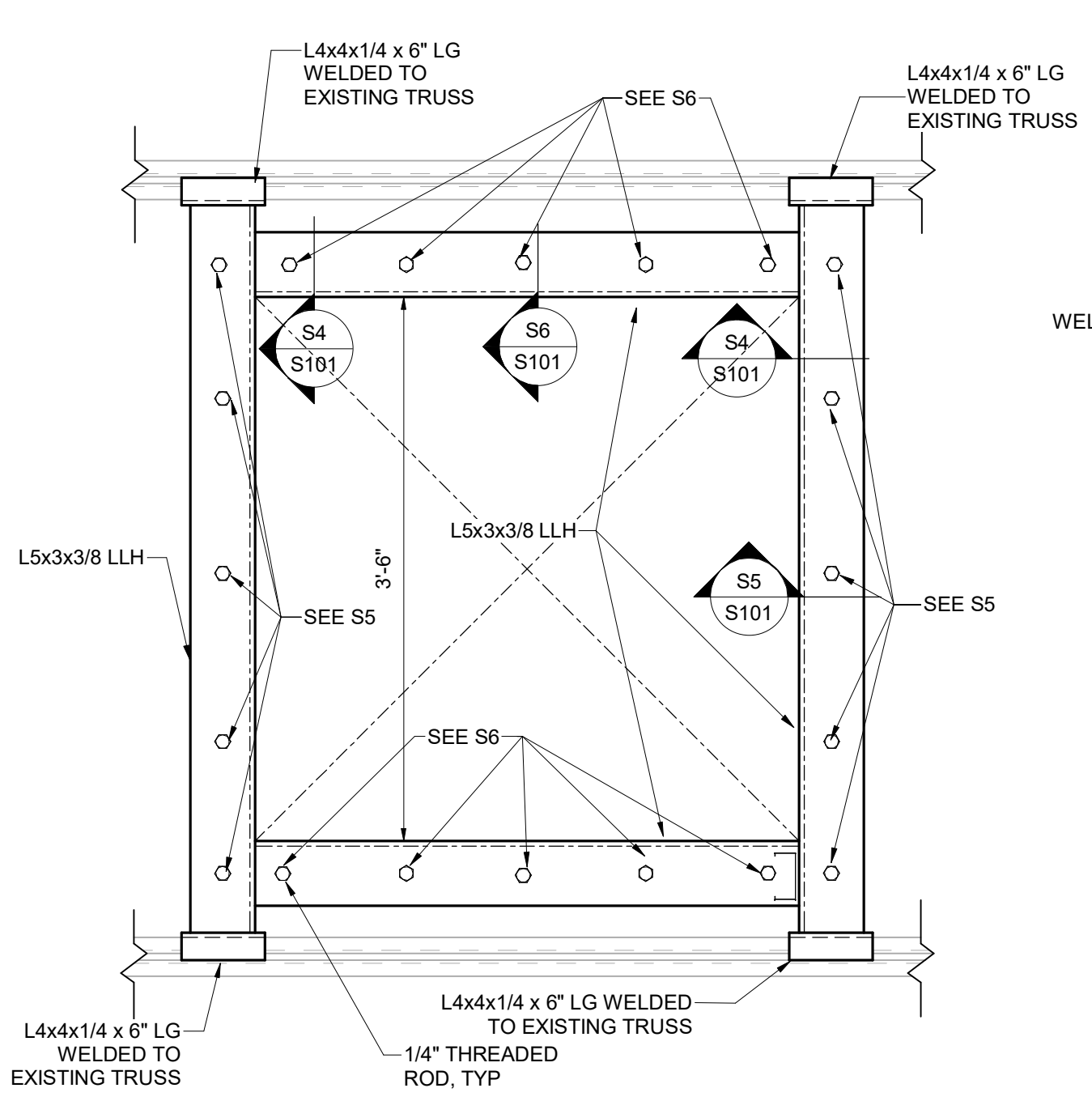
S5 SECTION C
1" = 1'-0"



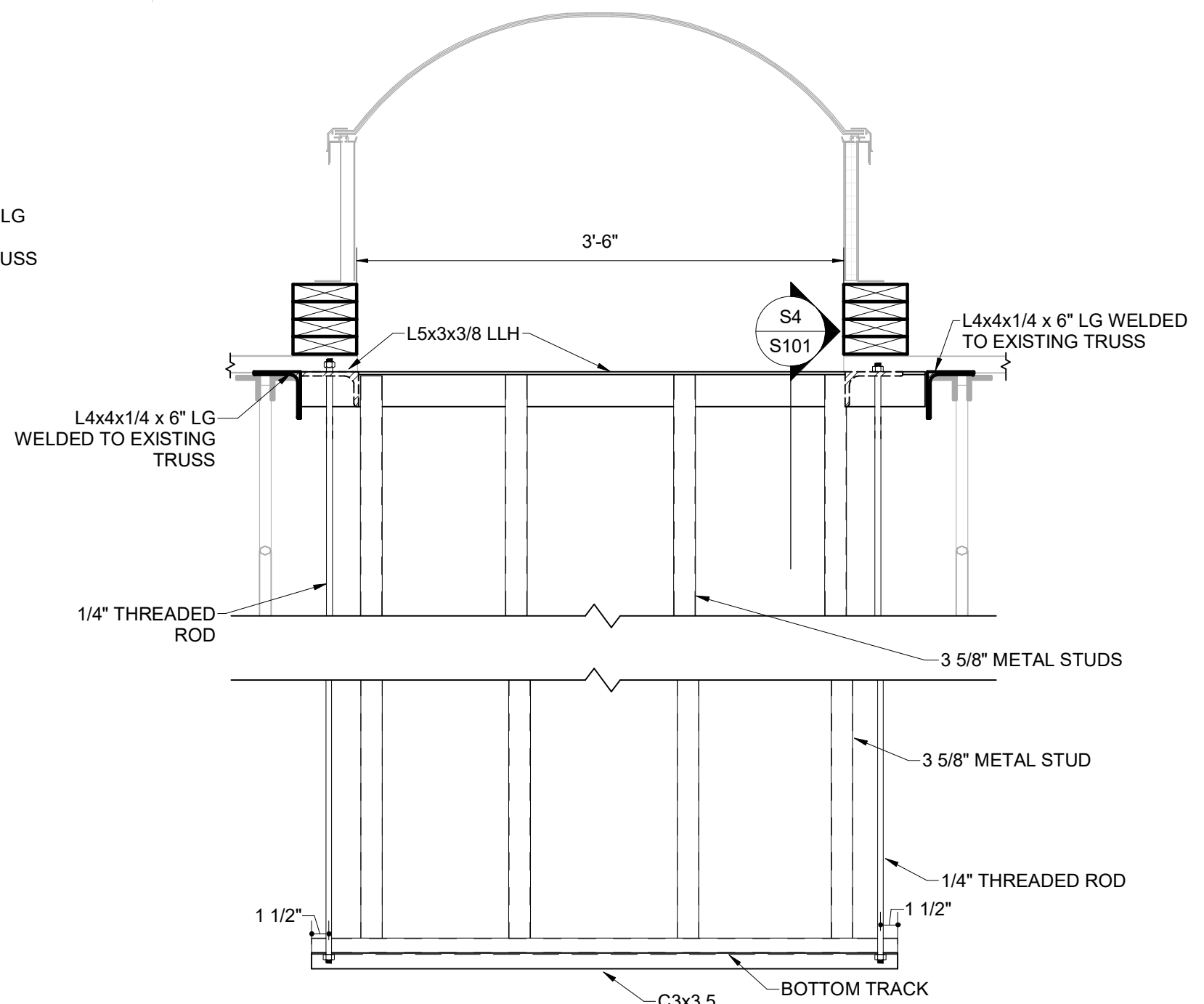
S6 SECTION D
1" = 1'-0"



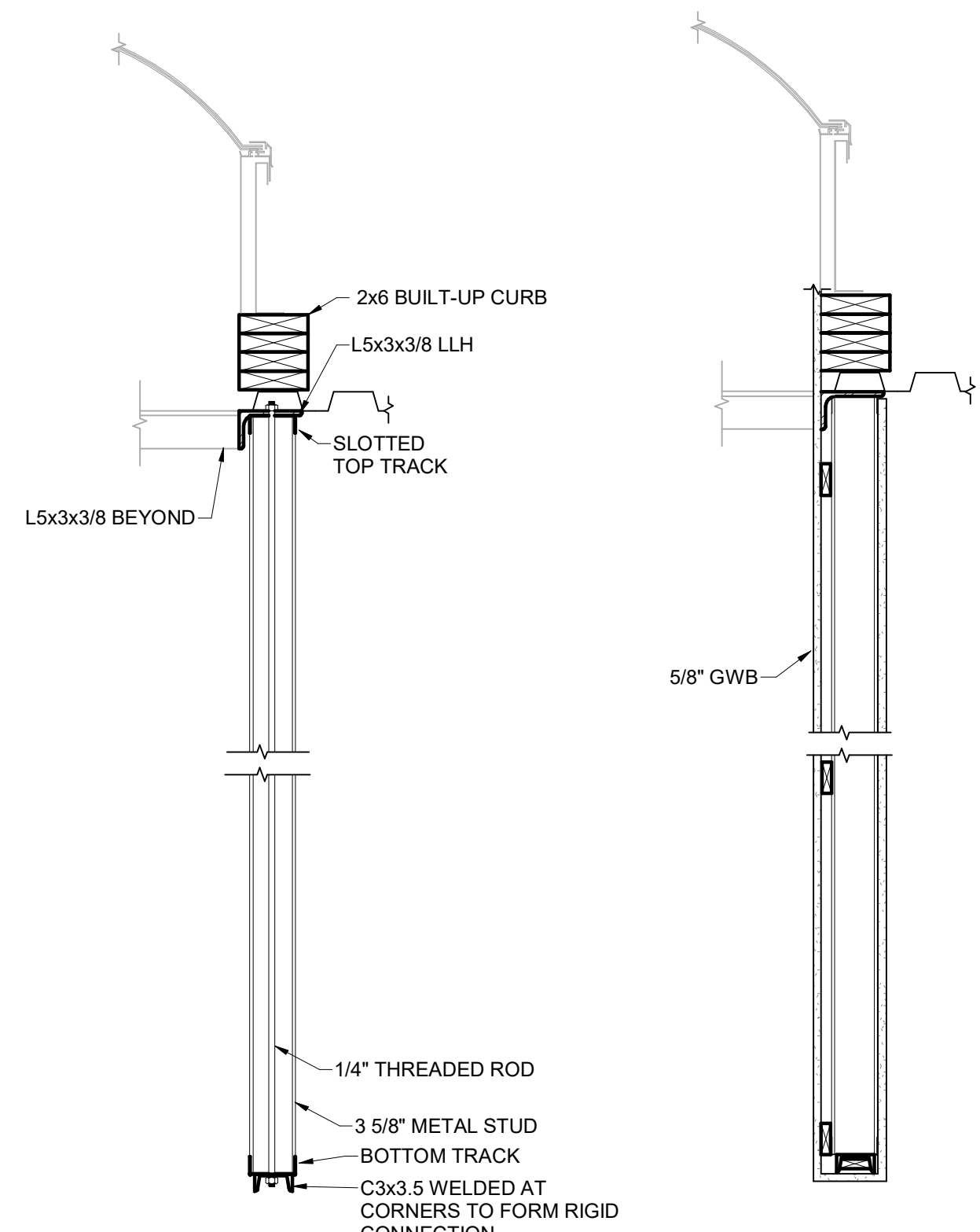
S1 TYPICAL OPENING
1" = 1'-0"



S2 TYPICAL OPENING B
1" = 1'-0"



S3 SECTION A
1" = 1'-0"



S4 SECTION B
1" = 1'-0"

S4a SECTION B - DRYWALL
1" = 1'-0"

No.	Description	Date
4.	ISSUED FOR TENDER	2020-05-08
3.	ISSUED FOR TENDER	2020.03.17
2.	ISSUED FOR 99% REVIEW	2019.11.21
1.	ISSUED FOR REVIEW	2019.09.25

No.	Description	Date
1	ISSUED FOR REVIEW	2019-10-11

KENTVILLE FIRE STATION

PLAN AND SECTIONS

Project Number	19-166
Date	2019-10-11
Drawn By	Author
Checked By	Checker

S101

Scale As indicated



T.A. SCOTT
ARCHITECTURE + DESIGN
DRAWING INSPIRATION

ABBREVIATIONS:

A.F.F.	ABOVE FINISH FLOOR	M.H.	MAN HOLE
A.F.R.	ABOVE FINISH ROOF	M	MIRROR
ACT	ACOUSTICAL CEILING TILE	MAS.	MASONRY
A/C	AIR CONDITIONING	M.O.	MASONRY OPENING
ALUM	ALUMINUM	MATL	MATERIAL
A.B.	ANCHOR BOLT	MECH	MECHANICAL
&	AND	MTL	METAL
APPROX.	APPROXIMATELY	MIN	MINIMUM
ARCH	ARCHITECTURAL	MISC	MISCELLANEOUS
BL	BASE LINE	MTG.	MOUNTING
BL'K'G	BLOCKING	(N)	NEW
BM	BEAM	N.I.C.	NOT IN CONTRACT
B.O.	BOTTOM OF	N.T.S.	NOT TO SCALE
BOT	BOTTOM	NO. #	NUMBER
B.PL.	BASE PLATE	OFF.	OFFICE
BRK.	BRICK	O.C., OC	ON CENTER
BLD'G.	BUILDING	OP'G	OPENING
C-C	CENTER-TO-CENTER	OPP.	OPPOSITE
CPT	CARPET	OZ.	OUNCE
CLG	CEILING	O.D.	OUTSIDE DIAMETER
CL	CENTER LINE	O-O	OUTSIDE-TO-OUTSIDE
C.T.	CERAMIC TILE	O.A.	OVERALL
C.T.C.	CERAMIC TILE COVE	O.H.D.	OVERHEAD DOOR
CR	CHAIR RAIL	OFI	OWNER FURNISHED AND
C.O.	CLEAN OUT	INSTALLED	OWNER FURNISHED/
CL'R	CLEARANCE	CONTRACTOR INSTALLED	PAINTED
CHK	COAT HOOK	PTD.	PANEL
COL	COLUMN	PNL.	PANEL
CONC	CONCRETE	PH	PARTIAL HEIGHT
CMU	CONCRETE MASONRY UNIT	P.F.	PARTICLE FILLED
CONSTR.	CONSTRUCTION	PTN	PARTITION
CONT	CONTINUE	PLAS., PL	PLASTIC
CONT'D	CONTINUED	PLAM	PLASTIC LAMINATE
CONT'S	CONTINUOUS	PLUMB.	PLUMBING
C.J.	CONTROL JOINT	LB.	POUND
CORR	CORRIDOR	P.S.I	POUNDS/ SQUARE INCH
CRS	COURSE	O-O	POUNDS/ SQUARE FOOT
CH	COUNTER HEIGHT	P.S.F.	PREFINISHED
DEPT	DEPARTMENT	REF.	REFERENCE
DEP	DEPRESSION	REINF	REINFORCE(IN)G
DIAG	DIAGONAL	REIN	REINFORCE(IN)G
DIM	DIMENSION	REMO	REMOVE
DR	DOOR	REQD	REQUIRED
D.L.	DOCK LEVELER	REV.	REVISION/ REVERSE
D.S.	DOWN SPOUT	R.F.	RIGID FRAME
DWG.	DRAWING	R.D.	ROAD
D.W.	DRYWALL	R.D.	ROAD DRAIN
EA.	EACH	R.W.L.	RAIN WATER LEADER
ELEC.	ELECTRICAL	RGH.	ROUGH
ELE.	ELEVATION	SECT	SECTION
ELEV.	ELEVATOR	S.S.	SERVICE SINK
E.M.R.	ELEVATOR MACHINE ROOM	S.S.	STAINLESS STEEL
ENCL.	ENCLOSURE	SH.V.	SHEET VINYL
ENG.	ENGINEER	SH.W.	SHOP WELD
ENT	ENTRANCE	SLDR.	SLIDING DOOR
EQ	EQUAL	S.C.	SOLID CORE
EQUIP	EQUIPMENT	S.D.	SOAP DISPENSER
EXIST or (E)	EXISTING	S.N.D.	SANITARY NAPKIN DISPOSAL
EXP	EXPOSED	SPEC.	SPECIFICATION
E.J.	EXPANSION JOINT	SPR	SPRINKLER
EXT	EXTERIOR	SQ.FT.	SQUARE FEET
F.B.	FACE OF BRICK	STD.	STANDARD
F.W.	FIELD WELD	STL	STEEL
FIN.	FINISH	STRUC.	STRUCTURAL
F.E.C.	FIRE EXTINGUISHER CABINET	SUSP	SUSPENDED
F.H.C.	FIRE HOSE CABINET	SYMM.	SYMMETRICAL
FLASH'G	FLASHING	TELE	TELEPHONE
FLR	FLOOR	TLB	THOUSAND POUND
FD.	FLOOR DRAIN	THRD	THRESHOLD
FL'R'G	FLOORING	THRU	THROUGH
FLUOR.	FLUORESCENT	TOIL.	TOILET
FT (T)	FEET	T.O.	TOP OF
FTG	FOOTING	TB	TOWEL BAR
F.R.	FIRE RATING	TRU-GLZ	TRU-GLAZE
FRT	FIRE RETARDANT TREATED	T.R.	TREAD
FDN	FOUNDATION	TBD	TO BE DETERMINED
F/H	FULL HEIGHT	T.P.D	TOILET PAPER DISPENSER
GA.	GALVANE	TYP.	TYPICAL
GAL.	GALVANIZED	UC.	UNDERCUT
G.C.	GENERAL CONTRACTOR	UNF	UNFINISHED
GL.	GLASS	US	UNDERSIDE
GB	GRAB RAIL/GRAB BAR	V.P.	VENT PIPE
GWB	GYPSUM WALLBOARD	VERT.	VERTICAL
HDCP	HANDICAP	VIN.	VINYL
HDWR	HARDWARE	VCT	VINYL COMPOSITION TILE
H.D.	HEAVY DUTY	V.O.S.	VERIFY ON SITE
HT.	HEIGHT	V.T.R.	VENT THRU ROOF
H.P.	HIGH POINT	W.S.CT.	WAINSCOT
H.C.	HOLLOW CORE	WR	WASHROOM
H.M.	HOLLOW METAL	W/C	WATER CLOSET
HORIZ.	HORIZONTAL	WT	WEIGHT
H.B.	HOSE BIB	W.W.F.	WELODED WIRE FABRIC
H.W.H.	HOT WATER HEATER	W.G.	WIRE GLASS
HUMI.	HUMIDGUARD CEILING	W.M.	WIRE MESH
IN. (*)	INCHES	W/	WITH
INFO	INFORMATION	W/O	WITHOUT
INSUL.	INSULATION	WD.	WOOD
INT	INTERIOR		
K.PL.	KICK PLATE		
K.D.	KNOCK DOWN		
LBL.	LABEL		
LAV.	LAVATORY		
LC	LENGTH		
LVR.	LOUVER		
L.P.	LOW POINT		
LV	LEVEL		

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, APPROVALS, AND INSPECTIONS AS REQUIRED BY LAW. ALL WORK SHALL BE UNDERTAKEN ACCORDING TO ACCEPTED PRACTICE, STANDARD METHODS OF CONSTRUCTION AND APPLICABLE BUILDING CODES. WORK IS TO BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR TRADE COORDINATION.
3. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, AND PROMPTLY NOTIFY THE ARCHITECT OF ALL ERRORS, OMISSIONS, INCONSISTENCIES OR OTHER PROBLEMS IMMEDIATELY UPON DISCOVERY AND BEFORE PROCEEDING WITH THE WORK. DURING CONSTRUCTION, IF CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE THE INTEGRITY OF STRUCTURE, SERVICES, OR PRECLUDE DESIGN INTENT, THE GENERAL CONTRACTOR IS TO IMMEDIATELY NOTIFY THE ARCHITECT.
4. ANY VARIATIONS FROM THESE DOCUMENTS WHICH ARE REQUESTED BY OWNER, TENANT, OR OTHER INTERESTED PARTIES MUST BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO IMPLEMENTATION BY THE CONTRACTOR.
5. EXISTING DIMENSIONS ARE TAKEN FROM THE FINISH FACE OF CONSTRUCTION AND GRID LINES UNLESS NOTED OTHERWISE. CLEAR DIMENSIONS ARE TO FINISHED FACE OF EXISTING OR NEW CONSTRUCTION, UNLESS NOTED OTHERWISE, AND SHALL TAKE PRECEDENT OVER ANY OTHER DIMENSION.
6. ALL WORK SHALL BE DONE WITH THE UTMOST CARE AND SKILL LEVEL TO ENSURE THE FINISHED QUALITY MEETS THE ARCHITECT AND CLIENT'S EXPECTATION. MATERIALS ARE TO BE INSTALLED TRUE, PLUMB, LEVEL AND FLUSH TO EACH OTHER AS NOTED IN THE DRAWINGS. ONLY QUALIFIED SKILLED TRADES WILL BE PERMITTED TO DO THE WORK. IF THE WORK IS NOT TRUE, FLUSH AND LEVEL WITH ADJACENT MATERIALS IT IS TO BE REMOVED AT THE CONTRACTOR'S COST AND REINSTALLED UNTIL IT MEETS THE EXPECTATIONS OF THE ARCHITECT AND CLIENT.
7. ALL WORK SHALL BE DONE ACCORDING TO ACCEPTED PRACTICE, STANDARD METHODS OF CONSTRUCTION AND APPLICABLE BUILDING CODES. ALL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
8. ALL INDICATIONS AND NOTATIONS ON THE DRAWINGS APPLYING TO ONE AREA, COMPONENT OR CONDITION, SHALL APPLY TO ALL OTHER SIMILAR AREAS, COMPONENTS AND CONDITIONS, UNLESS CLEARLY INDICATED OTHERWISE.
- 9a). NOTIFY THE OWNER PRIOR TO STARTING WORK IN ANY PORTION OF THE BUILDING. UPDATE CONSTRUCTION SCHEDULE AS REQUIRED TO KEEP ALL PARTIES INFORMED, COORDINATE SCHEDULE WITH OWNER. WEEKLY SCHEDULE POSTED ON SITE - UPDATED WEEKLY.
- 9b). NOTIFY THE OWNER PRIOR TO INTERRUPTING ANY UTILITIES. PROVIDE TEMPORARY SERVICE AS REQUIRED, PROVIDE SERVICE INTERRUPTION SCHEDULES. ALL INTERRUPTIONS SHOULD BE AFTER HOURS UNLESS APPROVED BY OWNER.
10. CARE SHALL BE TAKEN NOT TO DAMAGE ANY EXISTING-TO-REMAIN WALLS, FLOORS, SURFACES, FURNITURE, EQUIPMENT, LIGHTING, SITE, OR ANY OTHER CONDITION DURING DEMOLITION AND CONSTRUCTION. DAMAGED SURFACES, FINISHES AND ITEMS ARE TO BE REPLACED AT THE CONTRACTOR'S EXPENSE.
11. CONTRACTOR SHALL USE CARE AND RESPONSIBILITY TO PROTECT THE BUILDING AND SITE AGAINST DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY DAMAGE INCURRED AS A RESULT OF THE PERFORMANCE OF THE CONTRACT.
12. IF ASSEMBLY PARTS OR EQUIPMENT ARE DEEMED ON SITE AS REQUIRED TO BE REMOVED FOR CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY REMOVE, SALVAGE AND REINSTATE THE ADJACENT ITEMS TO AS GOOD OR BETTER CONDITION. ANY DAMAGED ITEMS DURING CONSTRUCTION ARE TO BE REPLACED WITH NEW TO MATCH AT CONTRACTOR'S EXPENSE.
13. CONTRACTOR IS TO ALLOW FOR REPAIRS IF DAMAGED PARAPET / CURB ASSEMBLIES ARE FOUND TO BE DAMAGED OR COMPROMISED.
14. DO NOT STOCKPILE CONSTRUCTION MATERIALS OR OCCUPY AN AREA OF BUILDING OR SITE WITHOUT PRIOR APPROVAL FROM OWNER.
15. OCCUPIED SPACES ARE TO REMAIN CLEAN AND CLEAR IN THE WORK AREA, WITHIN REASON. WORK AREA IS TO BE CLEAN AND CLEAR AT THE END OF EACH WORK DAY.

PHASING LEGEND:

INDICATES EXISTING		
INDICATES DEMOLITION		
INDICATES NEW		

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	New construction. Refer to partition types.
	Column Line.
106	Room Number.
	Finish Designations. Refer to Finish Schedule.
	Keynote Symbol. Refer to Keynote Legend.
	Door Number. Refer to Door Schedule.
	Window Type Symbol.
	Partition Type Symbol. Refer to Partition Types.
	Detail Number.
	Sheet Number Where Detail is Located.
	Building Section Number.
	Sheet Number Where Section is Located.
	Wall Section Number.
	Sheet Number Where Elevation is Located.
	Detail Section Number.
	Building Elevation Number.
	Sheet Number Where Section is Located.
	Building Elevation Number.
	Sheet Number Where Elevation is Located.
	Interior Elevation Number.
	Sheet Number Where Section is Located.
	Interior Elevation Number.
	Sheet Number Where Section is Located.
	Enlarged Detail Elevation Number.
	Recessed fire extinguisher cabinet w/ vision panel.



No.	Description	Date
4.	RE-ISSUED FOR TENDER	2020.05.08
3.	ISSUED FOR TENDER	2020.03.17
2.	ISSUED FOR 99% REVIEW	2019.11.21
1.	ISSUED FOR REVIEW	2019.09.25

Issue Schedule

No.	Description	Date

Revision Schedule

Kentville Fire Station Renovations

Architectural Legend

Project Number	19-032
Date	2020.05.04
Drawn By	LAB
Checked By	TAS

A-0.1
Scale 1/2" = 1'-0"



T.A. SCOTT ARCHITECTURE + DESIGN DRAWING INSPIRATION



Table with 3 columns: No., Description, Date. Row 4: RE-ISSUED FOR TENDER, 2020.05.08. Row 3: ISSUED FOR TENDER, 2020.03.17. Row 2: ISSUED FOR 99% REVIEW, 2019.11.21. Row 1: ISSUED FOR REVIEW, 2019.09.25.

Table with 3 columns: No., Description, Date. Row 4: RE-ISSUED FOR TENDER, 2020.05.08. Row 3: ISSUED FOR TENDER, 2020.03.17. Row 2: ISSUED FOR 99% REVIEW, 2019.11.21. Row 1: ISSUED FOR REVIEW, 2019.09.25.

Table with 3 columns: No., Description, Date. Row 4: RE-ISSUED FOR TENDER, 2020.05.08. Row 3: ISSUED FOR TENDER, 2020.03.17. Row 2: ISSUED FOR 99% REVIEW, 2019.11.21. Row 1: ISSUED FOR REVIEW, 2019.09.25.

Kentville Fire Station Renovations Architectural Specifications

Table with 2 columns: Project Number (19-032), Date (2020.05.04), Drawn By (LAB), Checked By (TAS).

Table with 2 columns: Scale (1/2" = 1'-0"). Large text 'A-0.2' is overlaid on the table.

SPECIFICATIONS:

REFER TO DRAWINGS AND SCHEDULES FOR ADDITIONAL SPECIFICATION, MATERIAL STANDARDS AND INFORMATION

07 53 23 ETHYLENE PROPYLENE DIENE MONOMER (EPDM) - FULLY ADHERED ROOFING SYSTEM:

- 1. GENERAL: 1.0 The project roofing membrane scope consists of removing existing roofing back to EPS insulation... 1.1 Provide all labor, material, tools, equipment, and supervision necessary to complete the installation... 1.2 Provide shop drawings showing layout, details of construction and identification of materials... 1.3 Submit letter of certification from the manufacturer that certifies the roofing contractor is authorized to install the manufacturer's roofing system... 1.4 Submit Certification of the manufacturer's warranty reserve... 1.5 The roofing contractor shall be fully knowledgeable of all requirements of the contract documents and shall make themselves aware of all job site conditions that will affect their work... 1.6 The roofing contractor shall confirm all given information and advise the building owner, prior to bid, of any conflicts that will affect their cost proposal.

- 2. PRODUCTS: 2.1 A. All components of the specified roofing system shall be products of Carlisle SynTec or accepted by Carlisle SynTec as compatible. B. Unless otherwise approved by the specifier and accepted by the membrane manufacturer, all products (including insulation, fasteners, fastening plates and edgings) must be manufactured and supplied by the roofing system manufacturer and covered by the warranty... 2.2 MEMBRANE: Furnish 90-mil thick EPDM (Ethylene, Propylene, Diene Terpolymer) in the largest sheet possible with 6" Factory-Applied Tape (FAT). The membrane shall conform to the minimum physical properties of ASTM D4637. When a 10 foot wide membrane is to be used, the membrane shall be manufactured in a single panel with no factory splices to reduce splice intersections.

- 2.3 INSULATION/COVER BOARD: A. When applicable, insulation shall be installed in multiple layers. The first and second layer of insulation shall be mechanically fastened or adhered to the substrate in accordance with the manufacturer's published specifications. B. Insulation shall be SecureShield polyiso as supplied by Carlisle SynTec. Minimum thickness is 2" R-value required is 5.6/inch. 1. Carlisle Insulbase Polyisocyanurate - A foam core insulation board covered on both sides with a medium weight fiber-reinforced felt facer meeting ASTM C 1289-06, Type II, Class 1, Grade 2 (20 psi) or Grade 3 (25 psi). The product is available in 4' x 8' standard size with a thickness from 1 to 4 inches. 4' x 4' tapered panels are also available. 2. Securock Cover Board - A uniform composition of fiber-reinforced with no facer for use as a cover board or a thermal barrier. 5/8" thick and 4' x 4' or 4' x 8' size boards. Long uninterrupted runs (>200') may require slight gapping due to thermal expansion. OR SecurShield HD Plus - a rigid insulation panel composed of a high-density (109 psi max), closed-cell polyisocyanurate foam core laminated to premium-performance coated-glass fiber-mat facer for use as a cover board or recover board. Available 1/2" thick 4' x 8' panel weight 11 lbs with an R-value of 2.5. Meets an FM 1-90 using only 8 fasteners per 4' x 8' board.

- 2.4 FASTENING COMPONENTS: To be used for mechanical attachment of insulation and to provide additional membrane securement: Fasteners, Plates and Bars 1. HP- Fasteners: a threaded, #14 fastener with a #3 phillips drive used with steel and wood roof decks. 2. HP-X Fasteners: A heavy duty #15 threaded fastener with a #3 phillips drive used for insulation securement into steel, wood plank or minimum 15/32 inch thick plywood when increased pullout resistance is desired. 3. Pre-Assembled ASAP Fasteners: A pre-assembled 3" diameter Plastic Plate and # 12 threaded fastener with a #3 drive used for insulation attachment into steel or wood decks. Installed using OMG Fastening Tools. 4. HP Term Bar Nail-Ins: A 1-1/4" long expansion anchor with a zinc plated steel drive pin used for fastening the Carlisle Termination Bar or Seam Fastening Plates to concrete, brick, or block walls. 5. Seam Fastening Plate: a 2" diameter metal fastening plate used in conjunction with RUSS or EPDM membrane for additional membrane securement. 6. Insulation Fastening Plates: a nominal 3 inch diameter plastic or metal plate used for insulation attachment. 7. Sure-Seal Pressure-Sensitive RUSS™ (Reinforced Universal Securement Strip): a 6" wide, nominal 45-mil thick clean, cured black reinforced EPDM membrane with 3" wide SecurTAPE laminated along one edge. The 6" wide Pressure-Sensitive RUSS is used horizontally or vertically at the base of walls, curbs, etc., in conjunction with 2" diameter securement plates or bars below the EPDM deck membrane for additional membrane securement.

- 2.5 ADHESIVES, CLEANERS AND SEALANTS: All products shall be furnished by Carlisle and specifically formulated for the intended purpose. A. 99-9-30A Bonding Adhesive: A high-strength, yellow colored, synthetic rubber adhesive used for bonding Sure-Seal/Sure-White EPDM membranes to various surfaces. Available in 5 gallon pails. B. Carlisle Weathered Membrane Cleaner: A clear, solvent-based cleaner used to loosen and remove dirt and other contaminants from the surface of exposed EPDM membrane (for repairs, etc.) prior to applying EPDM Primer. Weathered Membrane Cleaner can also be used when applying Splicing Cement. Available in 1 and 5-gallon pails. C. Sure-Seal/Sure-White Pressure-Sensitive SecurTAPE™ (Factory Applied): A 3" or 6" wide by 100' long splice tape used for splicing adjoining sections of EPDM membrane. Complies with the South Coast Air Quality Management District Rule 1168. D. HP-250 EPDM Primer: A solvent-based primer used to prepare the surface of EPDM membrane for application of Splice Tape or Pressure-Sensitive products. Available in 1 gallon pails. E. Lap Sealant: A heavy-bodied material used to seal the exposed edges of a membrane splice. Available in tubes. 1. Sure-Seal Lap Sealant is a black sealant for use with Sure-Seal (black) Roofing Systems. F. Water Cut-Off Mastic: A one-component, low viscosity, self wetting, Butyl blend mastic used to achieve a compression seal between the EPDM membrane or Elastofom Flashing and applicable substrates. Available in tubes. G. Pourable Sealer: A black, two-component, solvent-free, polyurethane based product used for tie-ins and as a sealant around hard-to-flash membrane penetrating objects such as clusters of pipes and for a daily seal when the completion of flashings and terminations cannot be completed by the end of each work day. H. CCW 702 Primer: A single component, solvent based, high-tack primer used to provide maximum adhesion between Carlisle VApAir Seal 725TR Air and Vapor Barrier and an approved substrate. Applied by spray or long nap roller with a coverage rating ranging from approximately 300 to 350 square feet per gallon on smooth finishes (i.e., concrete) to 75 square feet per gallon on porous surfaces (i.e., Dens-Deck Prime gypsum board). Available in 5-gallon containers. I. CAV-GRIP III Low-VOC Aerosol Contact Adhesive/Primer: a low-VOC, methylene chloride-free adhesive that can be used for a variety of applications including: enhancing the bond between Carlisle's VapAir Seal 725TR and various substrates, priming unexposed asphalt prior to applying FAST Adhesive, adhering Sure-Seal EPDM, horizontally, for the field of the roof and for adhering Sure-Seal FleeceBACK and Sure-Seal EPDM membrane to vertical walls. Coverage rate is approximately 2,000-2,500 sq. ft. per 40 lb cylinder and 4,000-5,000 sq. ft. per 85 lb cylinder as a primer, in a single-sided application and 750 sq. ft. per 40 lb cylinder and 1,500 sq. ft. per 85 lb cylinder as an adhesive for vertical walls, in a double-sided application.

- 2.6 METAL EDGING AND MEMBRANE TERMINATIONS: General: All metal edgings shall be tested and meet ANSISPR1 ES-1 standards and comply with International Building Code. All metal work is to be supplied and warranted by the manufacturer. 1. SecurEdge 200: a coping or fascia, snap-on edge system consisting of a 24 gauge galvanized metal water dam and .040", .050" or .063" thick Kynar 500, clear and colored anodized finish or 24 gauge steel, Kynar 500 finish. Metal fascia color shall be as approved by the Owner's Representative and Architect. ANSISPR1 ES-1 Certified. Coping FM Approved 1-90. Fascia FM Approved 1-195. 2. Termination Bar: a 1" wide and .098" thick extruded aluminum bar pre-punched 6" on center; incorporates a sealant ledge to support Lap Sealant and provide increased stability for membrane terminations.

- 2.7 WALKWAYS: Protective surfacing for roof traffic shall be Sure-Seal (black) Pressure-Sensitive Walkway Pads (with Factory-Applied Tape on the underside of the walkway) adhered to the membrane surface in conjunction with Sure-Seal Primer.

- 2.8 OTHER MATERIALS: A. Carlisle VapAir Seal 725TR Air & Vapor Barrier / Temporary Roof: 725TR is a 40-mil composite consisting of 35-mils of self-adhering rubberized asphalt factory laminated to a 5-mil polyethylene film with an adhesion textured surface. 725TR roll dimensions are 39' x 100' and the product is applied after priming an acceptable substrate with CCW 702, 702-LV or Cav-Grip III primer. B. Carlisle VapAir Seal MD Air and Vapor Barrier: a reinforced composite aluminum foil with self-adhesive SBS backing and removable poly release film. Used for direct application over metal decks. Available in rolls 42.5' wide by 131.23' long (460 square feet).

- 3 EXECUTION: 3.1 GENERAL: A. Comply with the manufacturer's published instructions for the installation of the membrane roofing system including proper substrate preparation, jobsite considerations and weather restrictions. B. Position sheets to accommodate contours of the roof deck and shingle splices to avoid bucking water.

- 3.2 INSULATION PLACEMENT: A. Install insulation or membrane underlayment over the substrate with boards butted tightly together with no joints or gaps greater than 1/4 inch. Stagger joints both horizontally and vertically if multiple layers are provided. B. Secure insulation to the substrate with the required mechanical fasteners in accordance with the manufacturer's specifications for specified warranty.

- 3.3 MEMBRANE PLACEMENT AND BONDING: A. Unroll and position membrane without stretching. Allow the membrane to relax for approximately 1/2 hour before bonding. Fold the sheet back onto itself so half the underside of the membrane is exposed. B. Apply the Bonding Adhesive in accordance with the manufacturer's published instructions and coverage rates, to both the underside of the membrane and the substrate. Allow the adhesive to dry until it is tacky but will not string or stick to a dry finger touch. 1. Roll the coated membrane into the coated substrate while avoiding wrinkles. Brush down the bonded half of the membrane sheet with a soft bristle push broom to achieve maximum contact. 2. Fold back the unbonded half of the membrane sheet and repeat the bonding procedure.

- 3.4 MEMBRANE SPLICING: C. Install adjoining membrane sheets in the same manner, overlapping edges approximately 4 inches. Do not apply bonding adhesive to the splice area. A. Position membrane sheet to allow for required splice overlap. Mark the bottom sheets with an indelible marker approximately 1/4" to 1/2" from the top sheet edge. The pre-marked line on the membrane edge can also be used as a guide for positioning splice tape. B. When the membrane is contaminated with dirt, fold the top sheet back and clean the dry splice area (minimum 3" wide) of both membrane sheets by scrubbing with clean natural fiber rags saturated with Sure-Seal Weathered Membrane Cleaner. When using Sure-Seal (black) PRE-KLEENED membrane, cleaning the splice area is not required unless contaminated with field dirt or other residue. C. Apply EPDM Primer to splice area and permit to flash off.

- D. When adhering Factory Applied Tape (FAT), pull the poly backing from FAT beneath the top sheet and allow the top sheet to fall freely onto the exposed primed surface. Press top sheet on to the bottom sheet using firm even hand pressure across the splice towards the splice edge. E. For end laps, apply 6" SecurTAPE to the primed membrane surface in accordance with the manufacturer's specifications. Remove the poly backing and roll the top sheet onto the mating surface. F. Tape splices must be a minimum of 2-1/2" wide using 3" wide SecurTAPE extending 1/8" minimum to 1/2" maximum beyond the splice edge. Field splices at roof drains must be located outside the drain sump. Note: For projects where a 90-mil membrane OR 20-year or longer System Warranty is specified, splice enhancements are required. Refer to Carlisle Sure-Seal/Sure-White Roofing System Specification. G. Immediately roll the splice using positive pressure when using a 2" wide steel roller. Roll across the splice edge, not parallel to it. When FAT is used, Carlisle's Stand-Up Seam Roller can be used to roll parallel to the splice edge. H. At all field splice intersections, apply Lap Sealant along the edge of the membrane splice to cover the exposed SecurTAPE 2" in each direction from the splice intersection. Install Carlisle's Pressure-Sensitive "T" Joint Covers or a 6" wide section (with rounded corners) of Sure-Seal Pressure-Sensitive Elastofom Flashing over the field splice intersection.

- 3.5 FLASHING: A. Wall and curb flashing shall be cured EPDM membrane. Continue the deck membrane as wall flashing where practicable. Use Pressure-Sensitive Curb Wrap when possible to flash curb units. B. Follow manufacturer's typical flashing procedures for all wall, curb, and penetration flashing including metal edging/coping and roof drain applications.

- 3.6 WALKWAYS: A. Install walkways at all traffic concentration points (such as roof hatches, access doors, rooftop ladders, etc.) and all locations as identified on the specifier's drawing. B. Adhere walkways pads to the EPDM membrane in accordance with the manufacturer's specifications.

- 3.7 DAILY SEAL: A. When the completion of flashings and terminations is not achieved by the end of the work-day, a daily seal must be performed.

- 3.8 CLEAN UP: A. Perform daily clean-up to collect all wrappings, empty containers, paper, and other debris from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner. B. Prior to the manufacturer's inspection for warranty, the applicator must perform a pre-inspection to review all work and to verify all flashing has been completed as well as the application of all caulking.

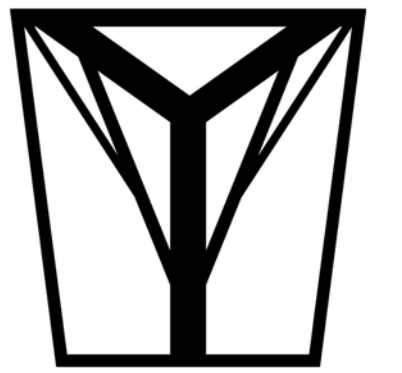
- 07 21 16 FIBROUS INSULATION: 1. Non-Combustible, semi-rigid stone wool batt insulation in accordance with CAN/ULC S702 Type 1, and as follows: 1. Thermal Resistance to ASTM C518: R-Value 4.03/inch minimum 2. Material Behavior to CAN/ULC S114: Non-Combustible 3. Flame Spread Index to CAN/ULC S102: 0 4. Smoke Development Index to CAN/ULC S102: 0 5. Edges: Square 6. Thickness: To fill min. 90% of the cavity thickness. 7. Size: Widths to suit stud spacing and depth as required to fill cavities; install in layers if required to achieve necessary depth. 8. Acceptable Materials: 1. Rockwool Comfortbatt™ Commercial Grade 2. Approved equal.

- 07 46 13 PREFORMED METAL CLADDING: 1. Prefinished steel siding for use at interior walls of the skylights in the Apparatus Bays, as follows: 1. Noncombustible, concealed fastener system, prefinished steel with factory applied protective zinc coating, Z-275 designation, in accordance with ASTM A653/A653. 2. Minimum 26 Gauge steel. 3. Size: Single length and maximum practical width to suit application. 4. Thickness: Maximum 5/8-inch. 5. Trims, cleats and fasteners are to be of the same material and finish. 6. Color: White. 7. Install sections square, true and accurate to size, free from distortion and other defects detrimental to appearance or performance. 8. Acceptable Materials: 1. Agway Metals - Stratus. 2. Vicwest - Bellara. 3. Approved equal.

- 08 62 10 SKYLIGHTS: SUNWELD: Polycarbonate Insudtrial Skylights with insulated self-flashing base, 12" high. Inside curb dimensions: 42" x 42". Refer to drawings. Provide Shop Drawings and manufacturer's technical data sheets for approval.

- 09 21 16 GYPSUM BOARD ASSEMBLIES: 1. Moisture-resistant board: to ASTM C1396/C1396M and as follows: 1. Type: X 2. Size: 4'-0" x Maximum practical length 3. Thickness: 5/8" 4. Ends: Square 5. Edges: Beve:ed 6. Acceptable Materials: 1. CGC Sheetrock Glass mat panels, mold tough AR Firecode X 2. Cabot Gypsum Protect M+M 3. Densarmor Plus, Georgia-Pacific Canada, Inc. 4. Approved Equal.

- 09 91 00 PAINT: 1. New light-wells are to be painted. 1. Color: Dulux Delicate White. 2. Entirety of light-wells are to be painted, including edges, trims, interior and exterior visible surfaces of light-wells. 3. Clean and prepare surfaces in accordance with MPI - Architectural Painting Specification Manual requirements, and per coating manufacturer's recommendations. 4. Paint to be applied by brush, roller, air sprayer or airless sprayer. Conform to manufacturer's instructions. 5. Protect surrounding areas from work. 6. "WET PAINT" signs are to be placed in occupied areas as painting operations are undertaken.



T.A. SCOTT
ARCHITECTURE + DESIGN
DRAWING INSPIRATION



4.	RE-ISSUED FOR TENDER	2020.05.08
3.	ISSUED FOR TENDER	2020.03.17
2.	ISSUED FOR 99% REVIEW	2019.11.21
1.	ISSUED FOR REVIEW	2019.09.25

No.	Description	Date
Issue Schedule		

No.	Description	Date
Revision Schedule		

Kentville Fire Station Renovations

Roof Plan - Existing

Project Number	19-032
Date	2020.05.04
Drawn By	LAB
Checked By	TAS

A-1.1

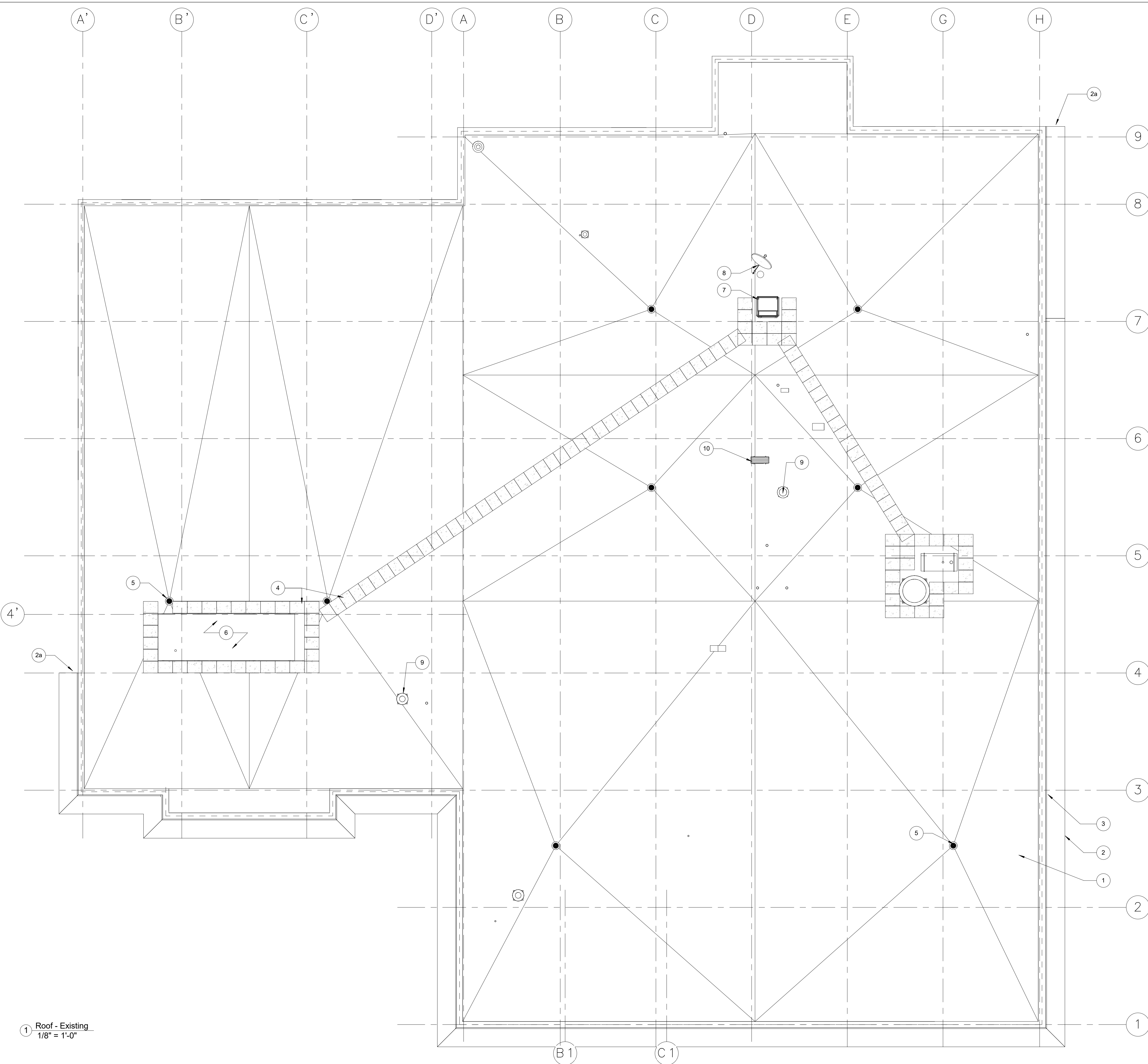
Scale As indicated

ACCESSORIES & FINISH LEGEND:

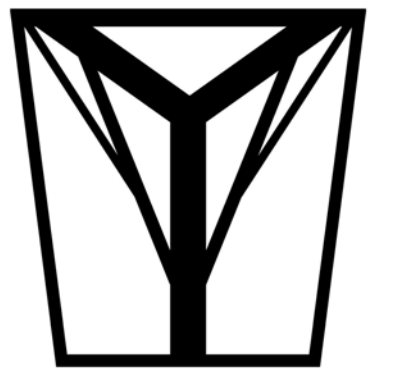
	EPDM ROOF
	PAVERS
	SKYLIGHT
	ROOF DRAIN
	VENT STACKS
	EXHAUST FAN
	RTU's
	CONDENSER UNIT
	SATELLITE DISH

ROOFING EXISTING NOTES

NOTE	NOTE TEXT
1	EXISTING BALLASTED EPDM ROOF
2	EIFS CORNICE OVERHANG
2a	END OF EIFS CORNICE OVERHANG, TYP. PARAPET CURB AFTER
3	PARAPET CURB W/ PRE-FINISHED METAL FLASHING
4	CONCRETE PAVER WALKING PATHS, TYP.
5	ROOF DRAIN, TYP.
6	RTU
7	ROOF ACCESS HATCH
8	SATELLITE DISH MOUNTED TO STEEL COLUMN, COLUMN EXTENDS THROUGH TO LEVEL 1
9	EXHAUST FAN, TYP.
10	CONDENSER UNIT, TYP.



1 Roof - Existing
1/8" = 1'-0"



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DRAWING INSPIRATION



No.	Description	Date
4.	RE-ISSUED FOR TENDER	2020.05.08
3.	ISSUED FOR TENDER	2020.03.17
2.	ISSUED FOR 99% REVIEW	2019.11.21
1.	ISSUED FOR REVIEW	2019.09.25

Issue Schedule

No.	Description	Date
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Revision Schedule

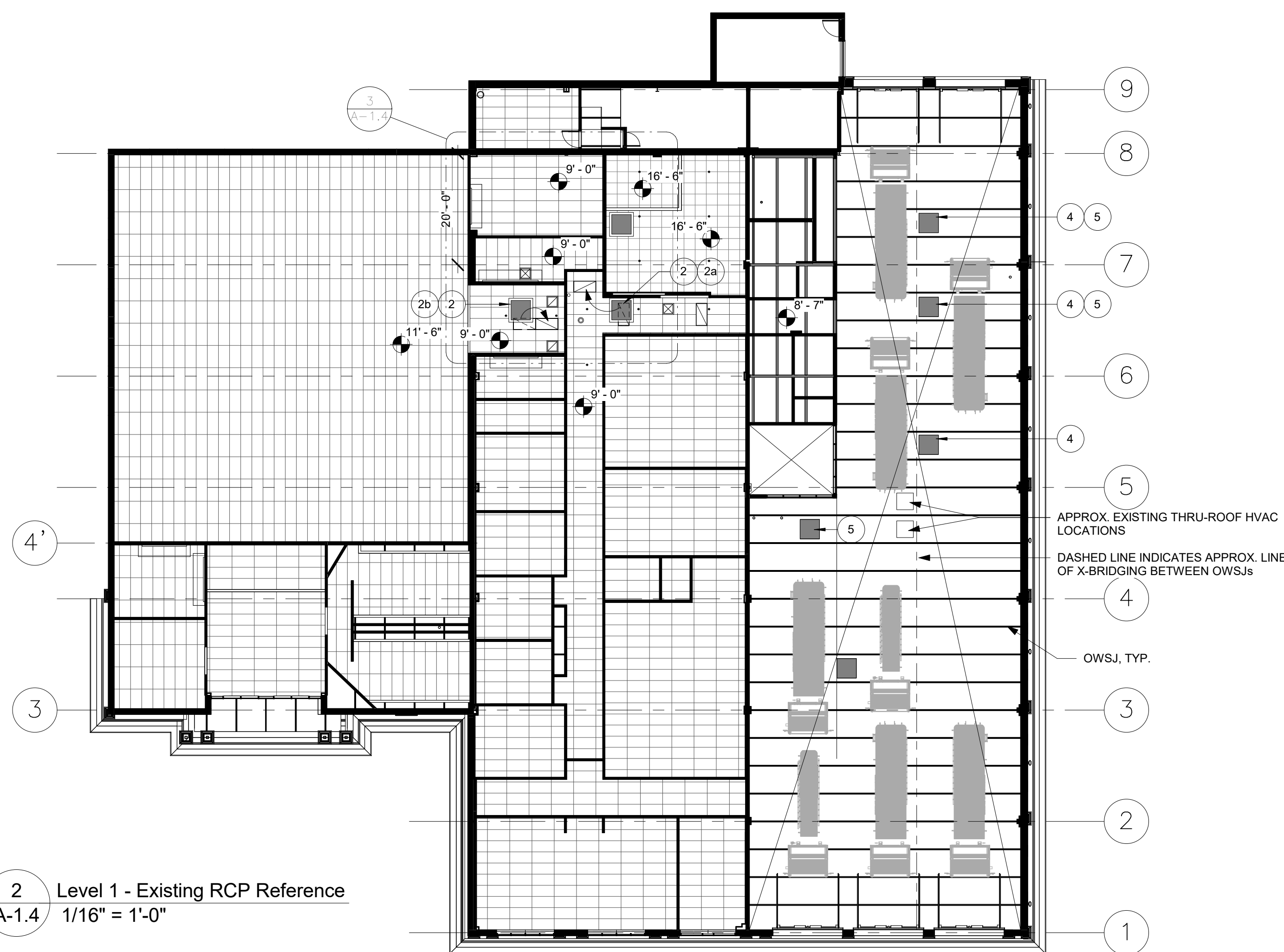
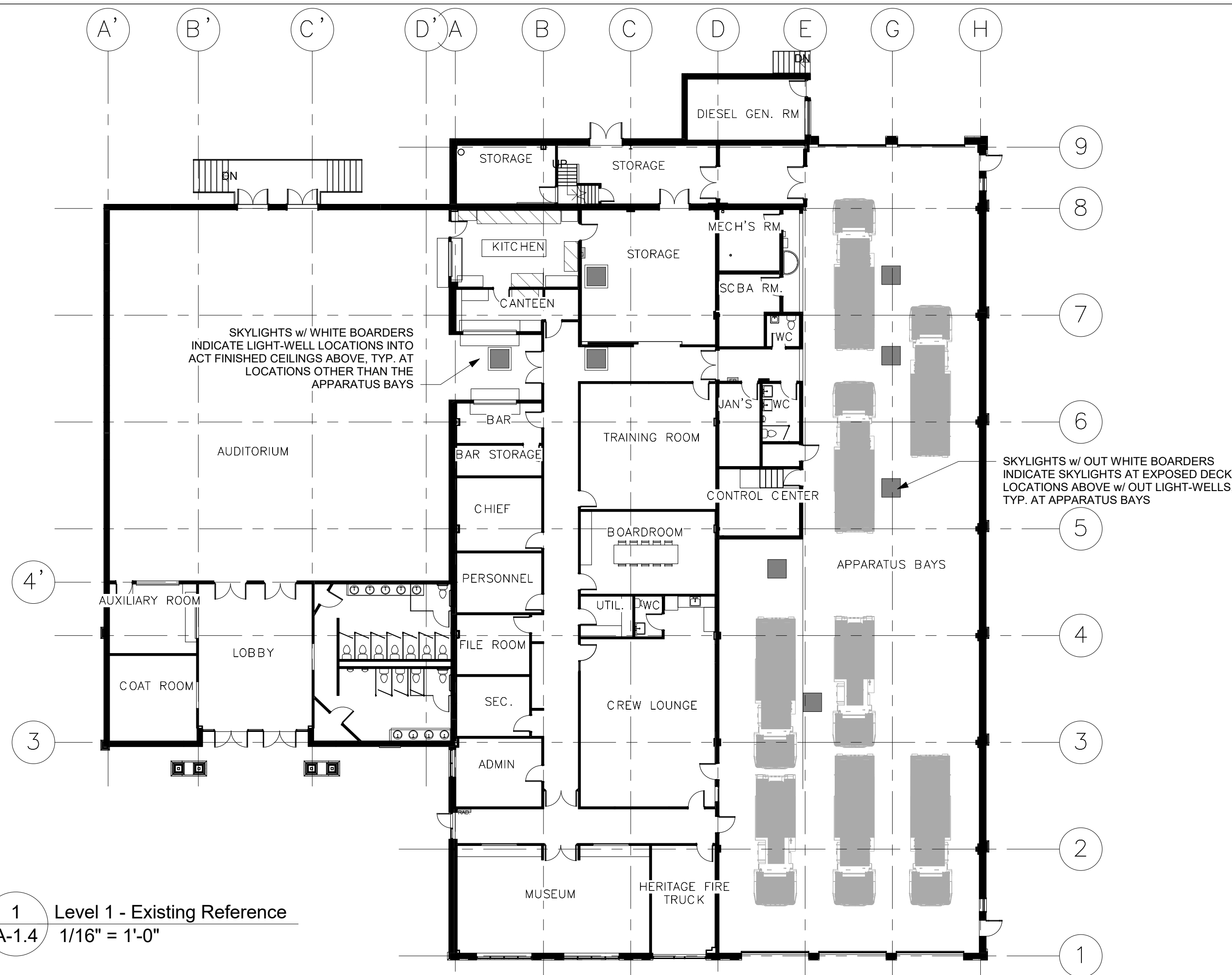
Kentville Fire Station Renovations

Interior Layout References

Project Number	19-032
Date	2020.05.04
Drawn By	LAB
Checked By	TAS

A-1.4

Scale As indicated



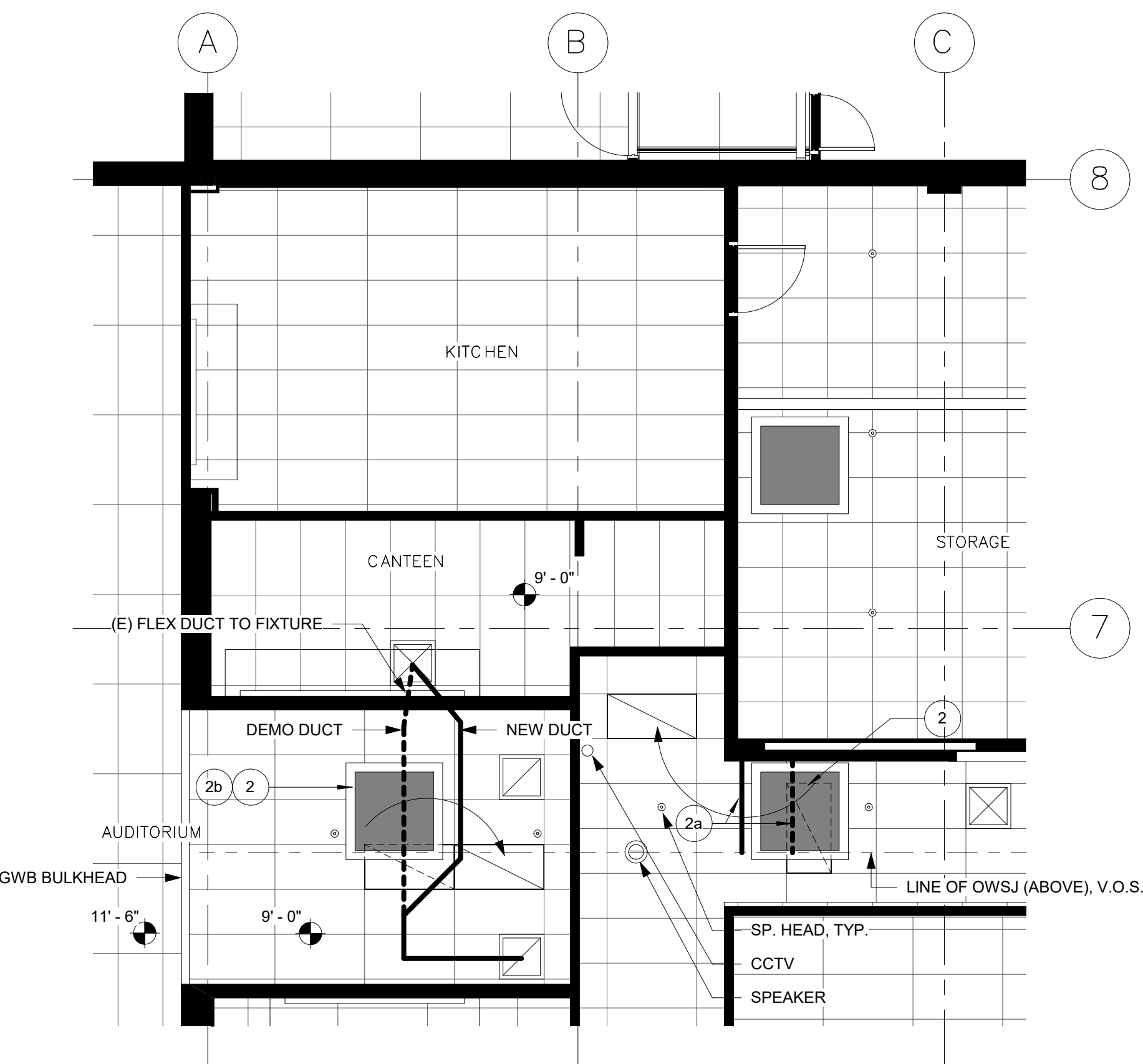
NOTE WELL FOR RCP'S:

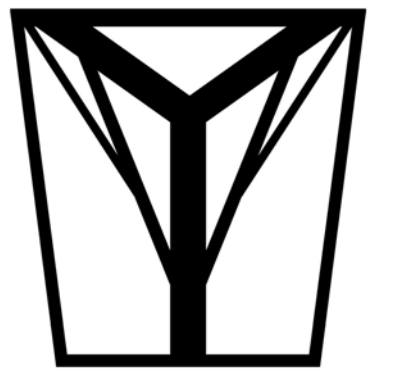
- CONTRACTOR TO TAKE CARE SITE VERIFYING DIMENSIONS FROM GRIDLINES FOR NEW ROOF OPENING CUTS TO ENSURE SKYLIGHTS HAVE CLEARANCE FROM ADJACENT EXISTING STRUCTURE AND SERVICES BELOW DECK.
- NOTED NEW LIGHT-WELLS ARE IN PROXIMITY TO EXISTING RECESSED 24x48" TROFFER LIGHT. CONTRACTOR IS TO RELOCATE EXISTING LIGHTS TO ADJACENT SPACES INDICATED.
 - ABOVE CEILING LIGHT-GAUGE STEEL STUD BRACE TO BE RELOCATED TO SUIT NEW SKYLIGHT LIGHT-WELL LAYOUT.
 - THERE IS AN ADJACENT SPRINKLER LINE AND A SUPPLY DUCT (w/ FLEX PIPING AT THE END TO A KITCHEN SUPPLY DIFFUSER) THAT ARE APPROX. 40" APART. CONTRACTOR IS TO ADJUST THE DUCT LINE w/ TWO 45° FITTINGS TO SUIT THE NEW SKYLIGHT LIGHT WELL. EXISTING NOTED SPRINKLER LINES RUN VERTICALLY IN REFERENCE TO ADJACENT RCP.
 - LIGHT WELLS INDICATED WITH NOTE 2 ARE INTENDED TO BE INSTALLED ADJACENT TO THE EXISTING STRUCTURAL JOIST, CONTRACTOR TO SITE VERIFY EXACT CUT LOCATION TO ENSURE CLEARANCE TO JOIST.
- SKYLIGHTS IN THE APPARATUS BAY DO NOT REQUIRE A LIGHT-WELL AS THIS AREA IS EXPOSED U/S DECK CEILING.
- INTENT OF INSTALLATION LOCATION FOR THE SKYLIGHTS ALONG THE CENTRAL APPARATUS BAY, IS TO ALIGN THE LEFT EDGE TO THE X-BRIDGING BETWEEN THE OWSJS. A SPRINKLER LINE RUNS BELOW THE RIGHT SIDE OF THE SKYLIGHT. CONTRACTOR TO ENSURE CONSTRUCTION ACTIVITY DOES NOT DAMAGE THIS LINE WHICH IS TO REMAIN SUSPENDED BELOW THE DECK.

SKYLIGHTS OVER EXPOSED METAL DECK CEILINGS ARE TO RECEIVE AN INTERIOR FINISH OF STEEL CLADDING OVER 1/2" RESILIENT CHANNELS. CLADDING IS TO BE PRE-FINISHED WHITE AND c/w MANUFACTURER'S INTERIOR CORNER AND J-TRIMS FOR CLEAN FINISH. CLADDING IS TO FINISH FLUSH TO THE U/S OF THE STEEL ANGLES.

ALL NEW EXPOSED STEEL / FRAMING IN THE APPARATUS BAYS IS TO BE PRE-FINISHED WHITE TO MATCH THE EXISTING U/S DECK. CONTRACTOR IS TO PATCH AND REPAIR ANY DAMAGE TO THE EXISTING ADJACENT FINISHES TO MATCH EXISTING.

EXISTING BELOW-DECK MOUNTED SPEAKERS TO BE RELOCATED TO SUIT NEW SKYLIGHT LAYOUT IN APPARATUS BAY.





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DRAWING INSPIRATION



4.	RE-ISSUED FOR TENDER	2020.05.08
3.	ISSUED FOR TENDER	2020.03.17
2.	ISSUED FOR 99% REVIEW	2019.11.21
1.	ISSUED FOR REVIEW	2019.09.25

No.	Description	Date
Issue Schedule		

No.	Description	Date
Revision Schedule		

Kentville Fire Station Renovations

New Roof Details

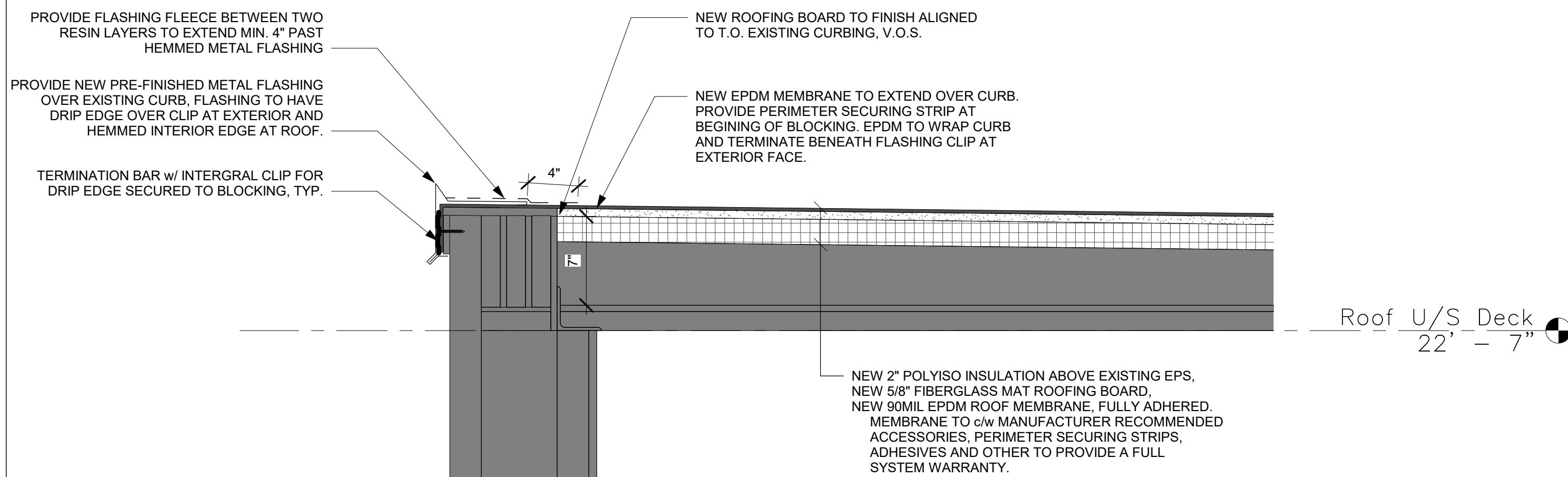
Project Number	19-032
Date	2020.05.04
Drawn By	LAB
Checked By	TAS

A-1.5

Scale As indicated

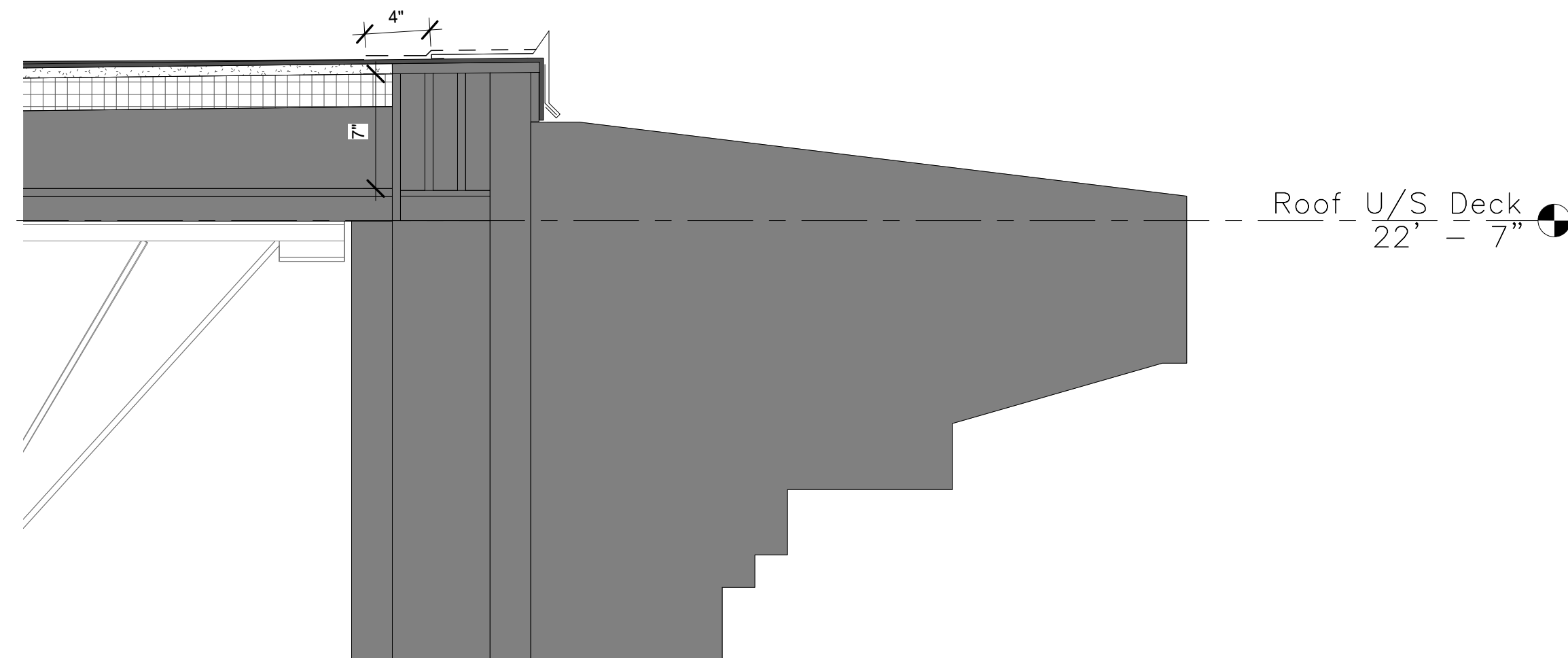
NOTE WELL:

- PROVIDE NEW PREFINISHED METAL CAP FLASHING w/ DRIP EDGE AND CLIP AT PERIMETER. HEM INTERIOR EDGE OF FLASHING ON ROOFTOP.
- ALLOW FOR MINOR NEW PARAPET BLOCKING WORK AT PERIMETER AS REQUIRED TO REPLACE DAMAGED / COMPROMISED ELEMENTS AND ENSURE SITE VERIFIED DIMENSIONS OF THE NEW FINISHED ROOF SLOPE IS CONTINUOUS OVER BLOCKING, AS SHOWN.
- GREY FILL INDICATES EXISTING TO REMAIN ITEMS, TYP.

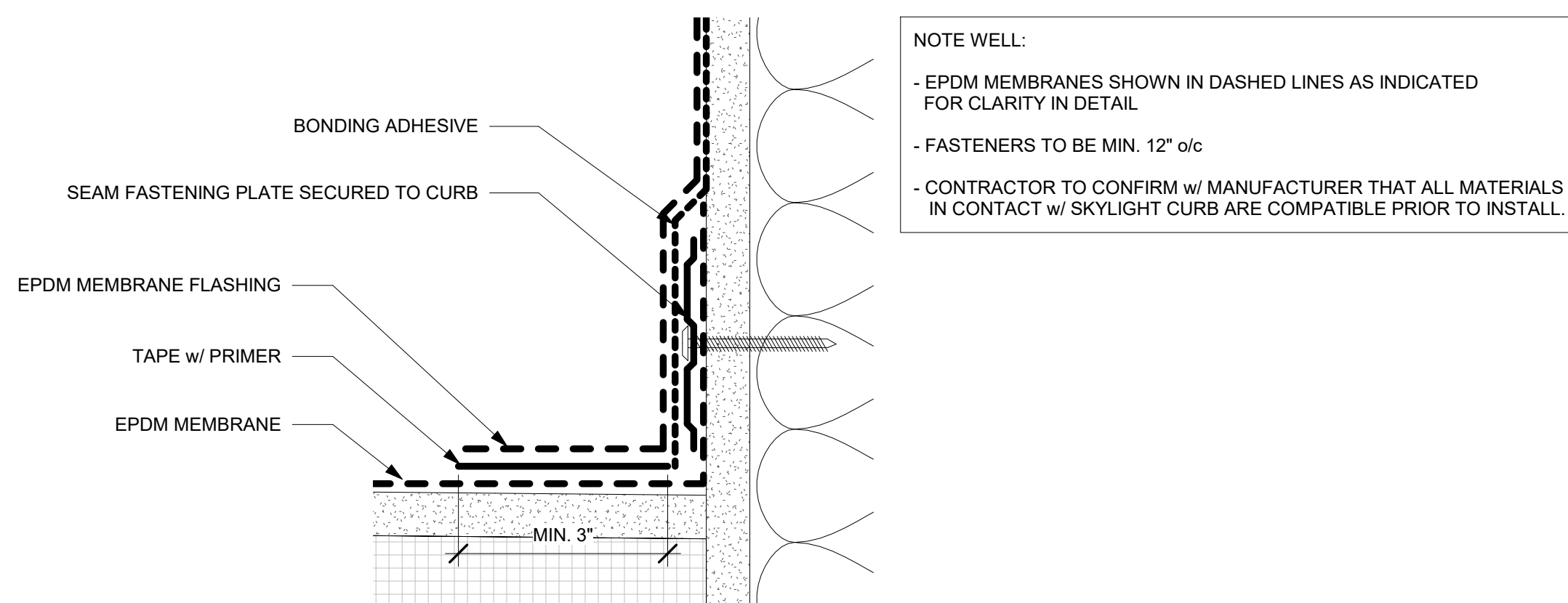


1 Parapet Detail - No Cornice
A-1.5 1 1/2" = 1'-0"

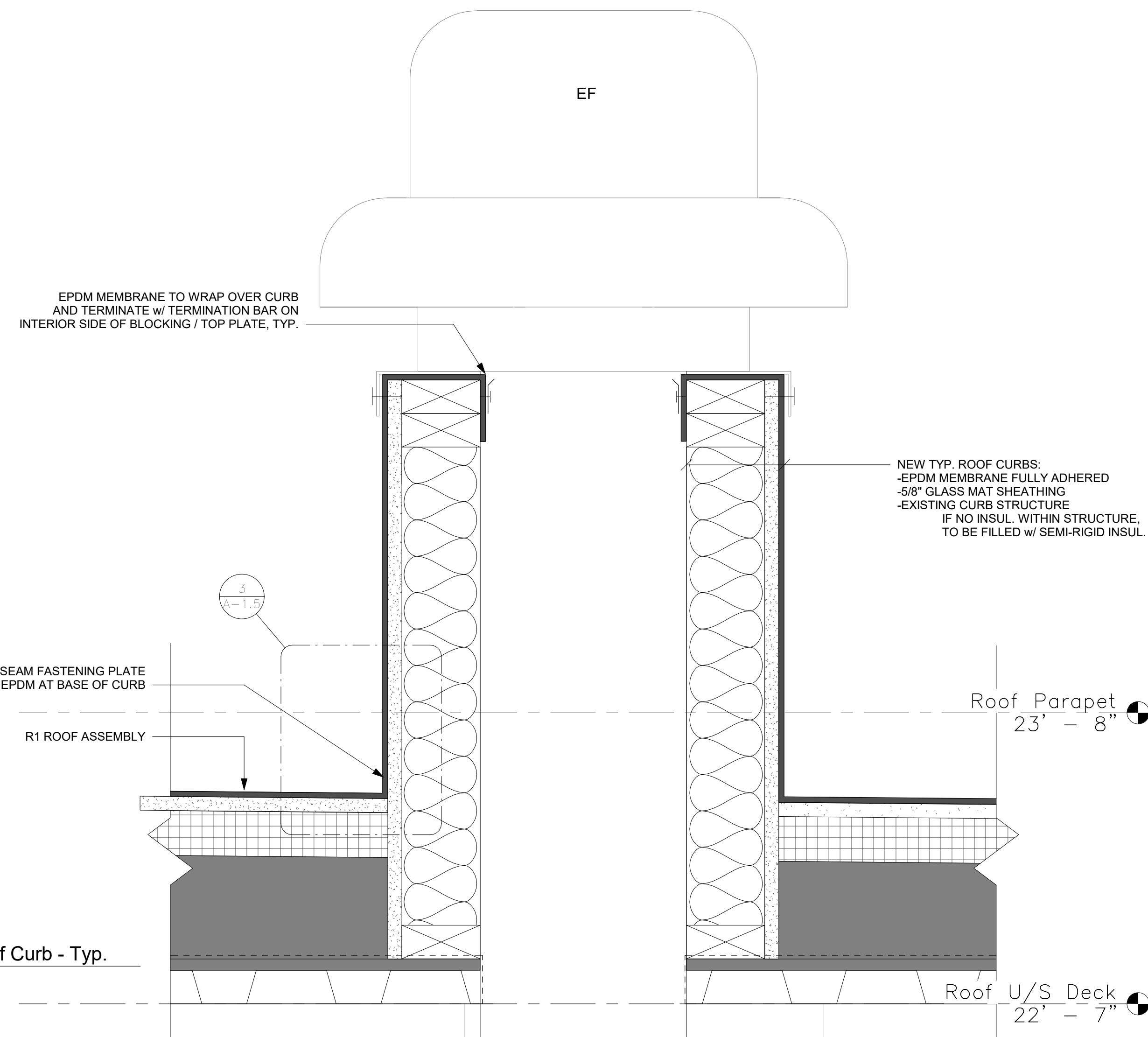
REFER TO NEW ROOFING DETAIL NOTES ABOVE SECTION TO ILLUSTRATE CURB AT CORNICE LOCATIONS.



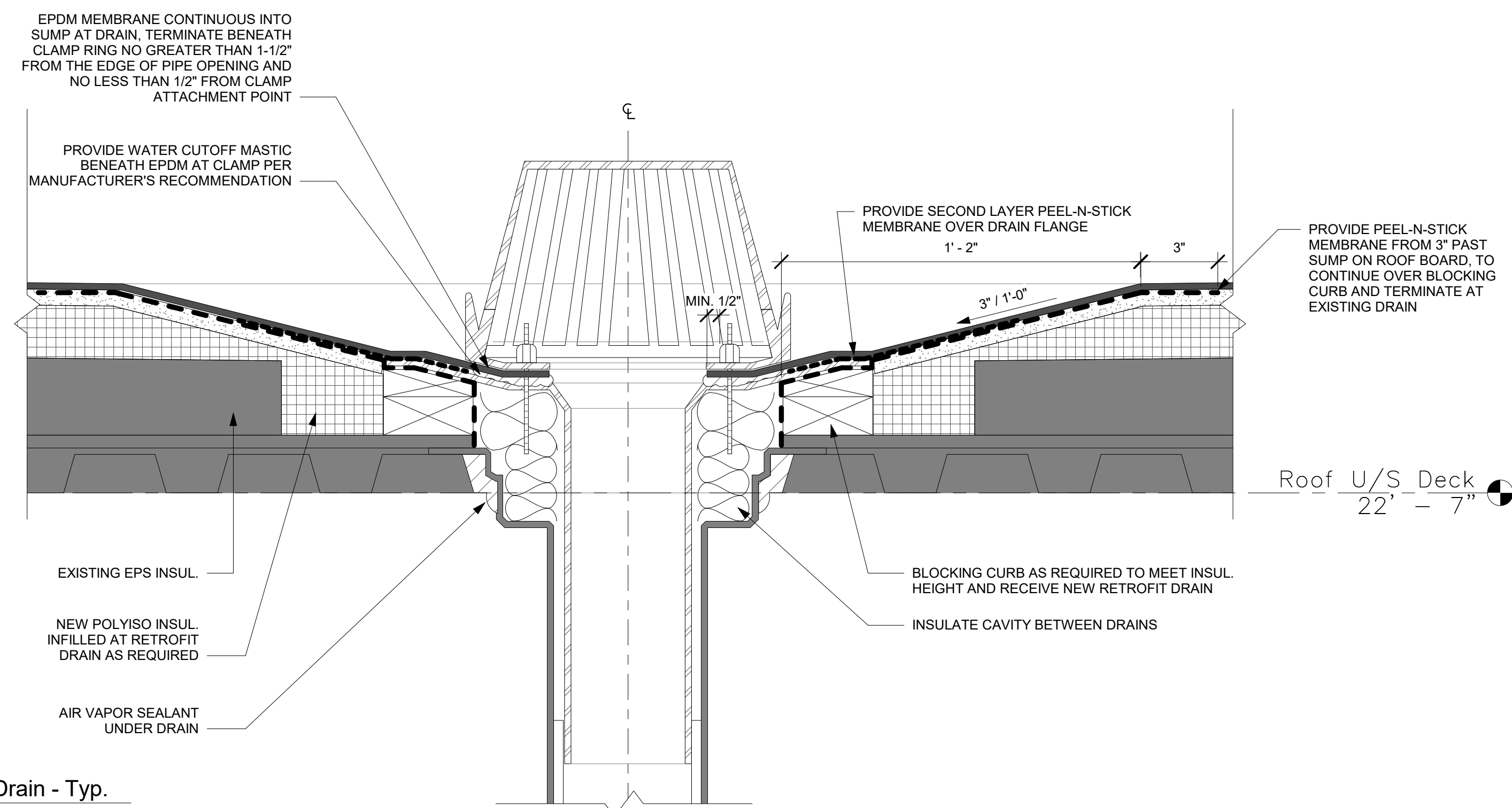
2 Parapet Detail At Cornice
A-1.5 1 1/2" = 1'-0"



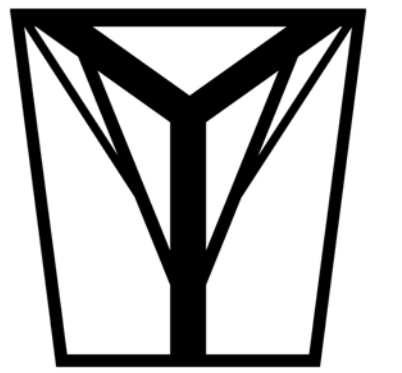
3 Roof Curb Base - Typ.
A-1.5 6" = 1'-0"



4 Exhaust Fan Roof Curb - Typ.
A-1.5 3" = 1'-0"



5 Roof Drain - Typ.
A-1.5 3" = 1'-0"



T.A. SCOTT
ARCHITECTURE + DESIGN
DRAWING INSPIRATION



No.	Description	Date
4.	RE-ISSUED FOR TENDER	2020.05.08
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Kentville Fire Station Renovations

Skylight Details

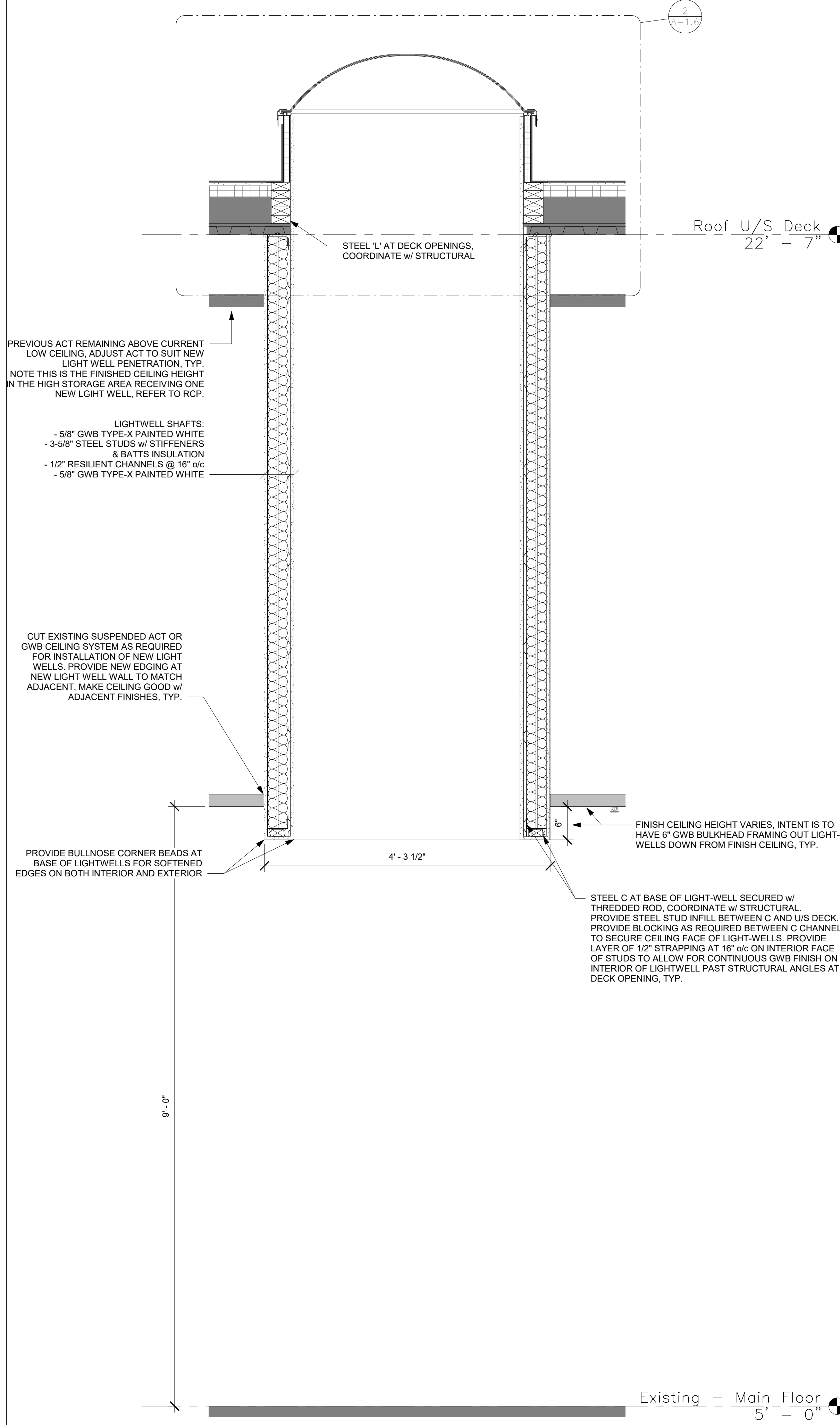
Project Number	19-032
Date	2020.05.04
Drawn By	LAB
Checked By	TAS

A-1.6

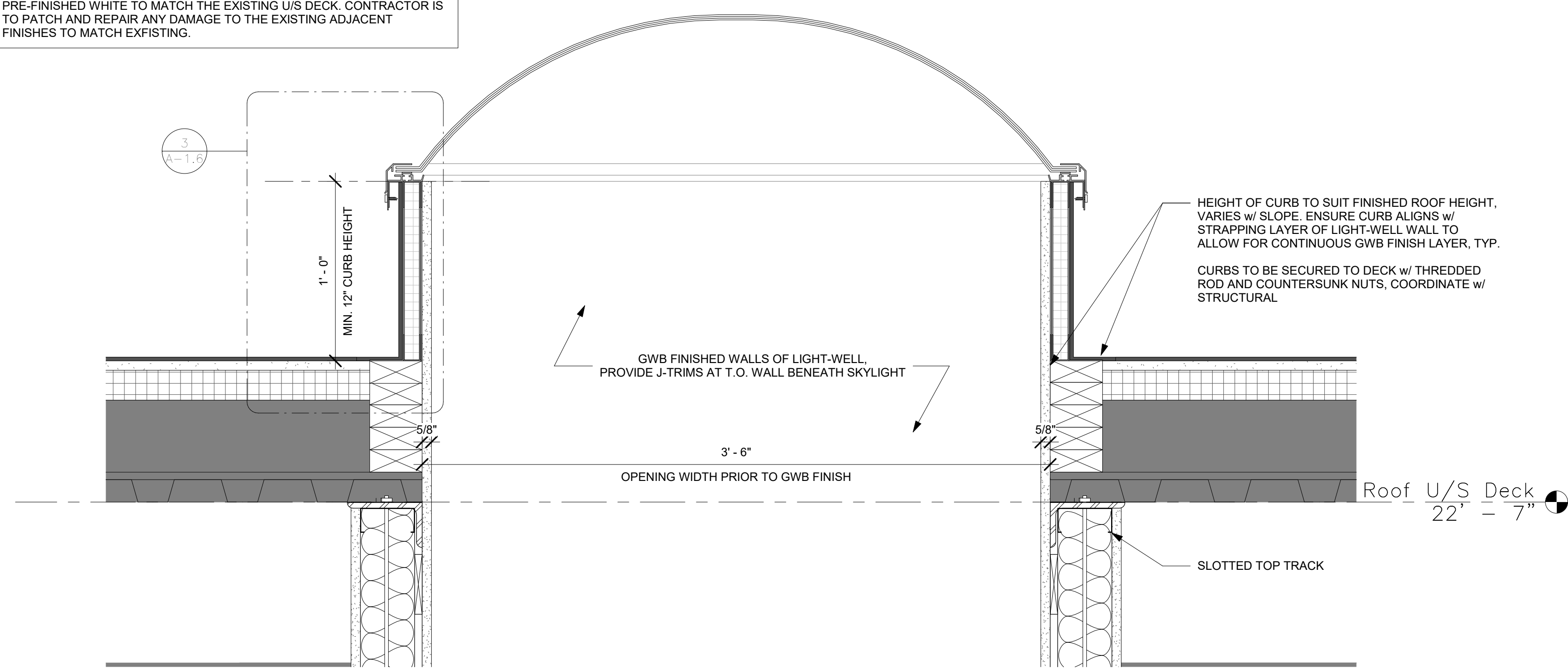
Scale As indicated

NOTE WELL:

- COORDINATE STRUCTURAL REQUIREMENTS FOR DECK OPENING CUTS AND REINFORCING OF NEW OPENINGS IN DECK w/ STRUCTURAL DRAWINGS
- COORDINATE STRUCTURAL BRACING / SUPPORT REQUIREMENTS FOR NEW LIGHT-WELL WALLS w/ STRUCTURAL
- CONTRACTOR TO CONFIRM w/ MANUFACTURER THAT ALL MATERIALS IN CONTACT w/ SKYLIGHT CURB ARE COMPATIBLE PRIOR TO INSTALL
- SKYLIGHTS ARE TO BE INSTALLED PLUMB AND LEVEL, CONSTRUCT T.O. CURBS / CURB HEIGHTS TO SUIT.
- APPARATUS BAY SKYLIGHTS DO NOT REQUIRE THE DEEP LIGHT-WELLS. PROVIDE WHITE PRE-FINISHED STEEL SIDING SECURED OVER 1/2" RESILIENT CHANNELS AS FINISH FOR THE INTERIOR OF THESE SKYLIGHTS. CLADDING TO c/w MANUFACTURER'S INTERIOR CORNER AND J-TRIMS FOR A CLEAN FINISH. CLADDING IS TO FINISH FLUSH TO THE U/S OF THE STEEL ANGLES.
- ALL NEW EXPOSED STEEL / FRAMING IN THE APPARATUS BAYS IS TO BE PRE-FINISHED WHITE TO MATCH THE EXISTING U/S DECK. CONTRACTOR IS TO PATCH AND REPAIR ANY DAMAGE TO THE EXISTING ADJACENT FINISHES TO MATCH EXISTING.



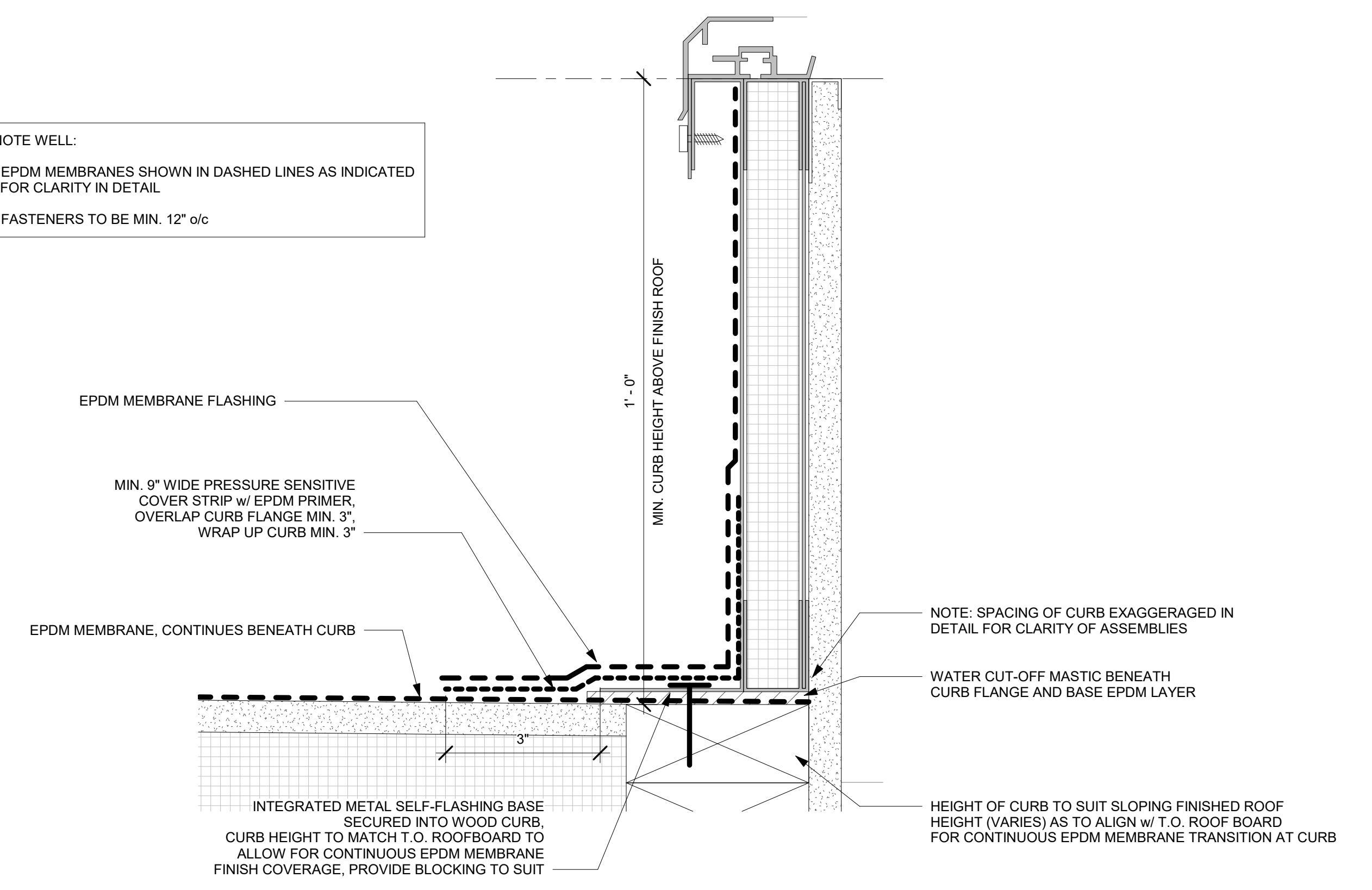
1 Skylight Well Section - Typ.
A-1.6 1" = 1'-0"



2 Skylight Section Detail
A-1.6 1:6

NOTE WELL:

- EPDM MEMBRANES SHOWN IN DASHED LINES AS INDICATED FOR CLARITY IN DETAIL
- FASTENERS TO BE MIN. 12" o/c



3 Skylight Section Detail - Curb Base
A-1.6 6" = 1'-0"