

LAKE CITY CORRECTIONAL FACILITY REROOF PHASES 4 & 5

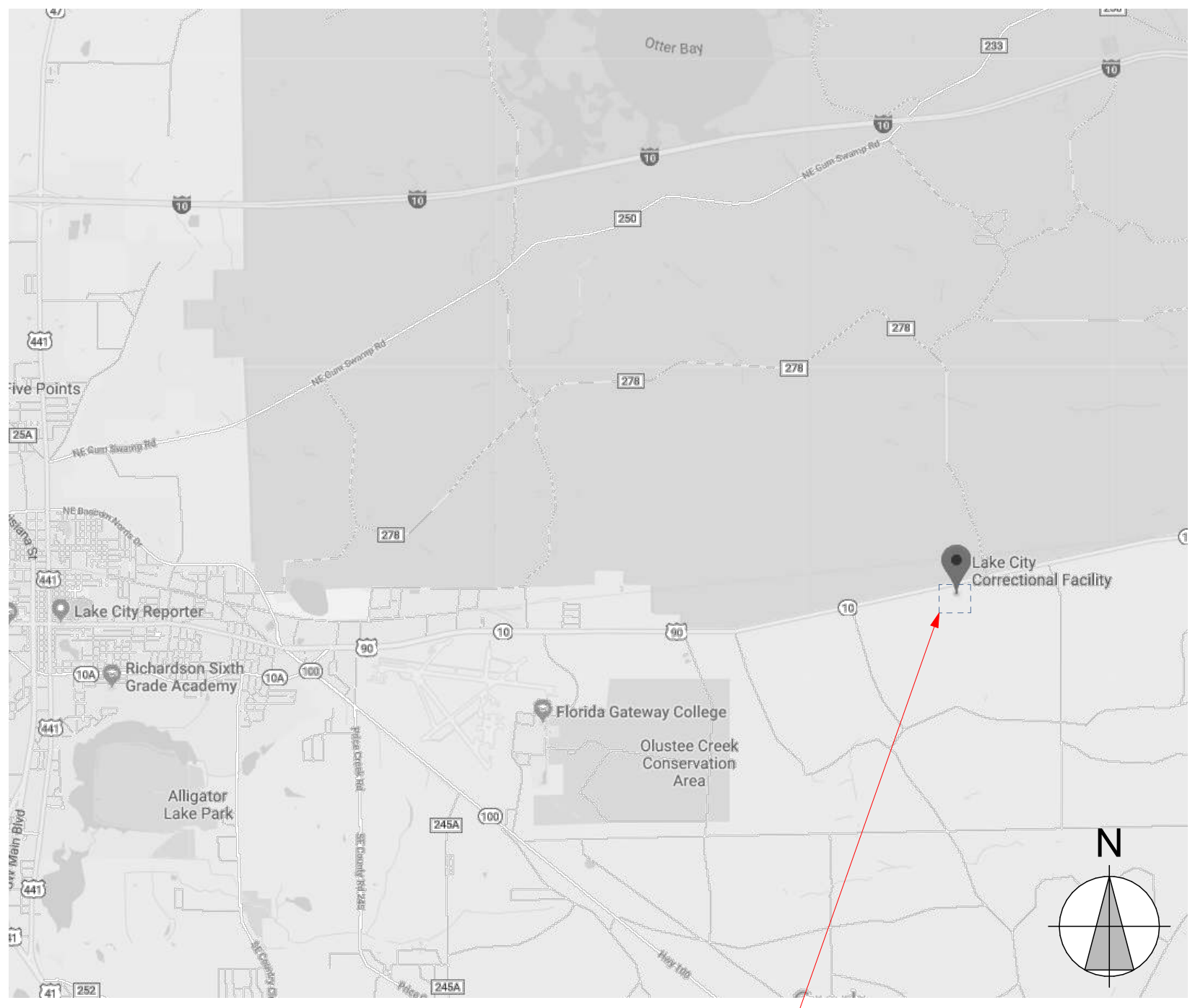
ASI #1 CATWALKS

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES

LAKE CITY, FLORIDA

BPPM-17025000

VICINITY MAP



AERIAL PHOTO



SCOPE OF WORK

BRIEFLY AND WITHOUT FORCE AND EFFECT UPON THE CONTRACT DOCUMENTS, THE WORK OF THE CONTRACT CAN BE SUMMARIZED AS FOLLOWS:

THE ROOFING WORK AT THE FACILITY INCLUDES: THE INSTALLATION OF TWO STRUCTURAL METAL BRIDGES. ONE BRIDGE WILL SPAN OVER ROOF 'L' (FROM ROOF 'A' TO ROOM 'H-E') AND THE SECOND BRIDGE WILL SPAN OVER ROOF 'G' (FROM ROOF 'D' TO ROOF 'J-N').

BUILDING AND FIRE CODES

FLORIDA BUILDING CODE (FBC), 7TH EDITION (2020)  
FLORIDA ENERGY CONSERVATION (FBC-EC), 7TH EDITION (2020)  
FLORIDA ACCESSIBILITY CODE (FAC), 7TH EDITION (2020)  
FLORIDA EXISTING BUILDING CODE (FBC-EB), 7TH EDITION (2020)  
FLORIDA FUEL GAS CODE (FBC-FG), 7TH EDITION (2020)  
FLORIDA MECHANICAL CODE (FBC-M), 7TH EDITION (2020)  
FLORIDA PLUMBING CODE (FBC-P), 7TH EDITION (2020)  
FLORIDA FIRE PREVENTION CODE (FFPC), 7TH EDITION (2020)  
NATIONAL ELECTRICAL CODE (NEC), 2017 EDITION  
ASCE STANDARD 7-16 (STRUCTURAL WIND LOAD CRITERIA)

FLORIDA PRODUCT APPROVAL:  
CONTRACTOR SHALL MAKE AVAILABLE TO THE BUILDING INSPECTOR DOCUMENTATION NECESSARY TO VERIFY THAT ALL EXTERIOR ENVELOPE COMPONENTS REQUIRING PRODUCT APPROVAL PER F5 553.842 ARE IN COMPLIANCE WITH PRODUCT APPROVAL INSTALLATION REQUIREMENTS.

DRAWING INDEX

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ASI 1.1 BRIDGE LOCATION PLANS AND DETAIL

5001 GENERAL NOTES  
5101 BRIDGE OVER ROOF 'L'  
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5201 MISC. DETAILS

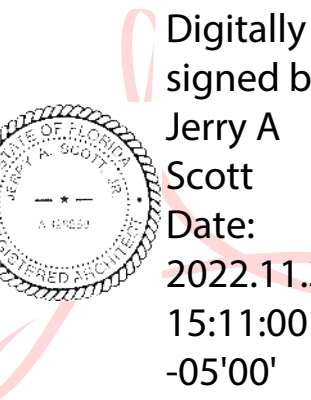
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100% SUBMITTAL

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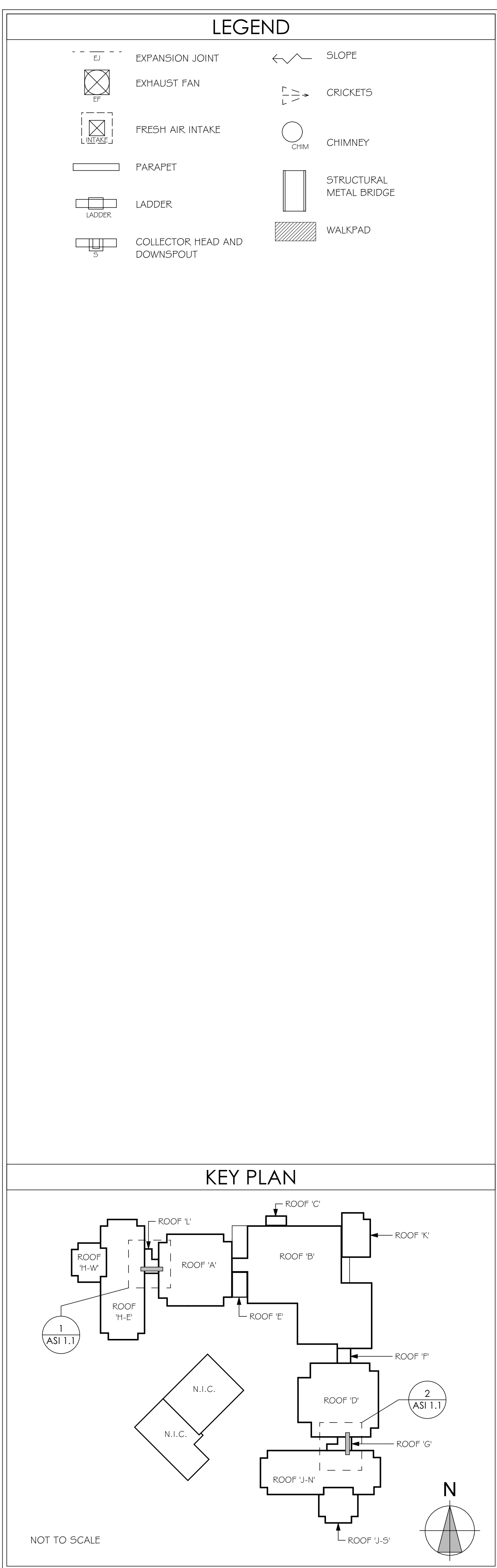
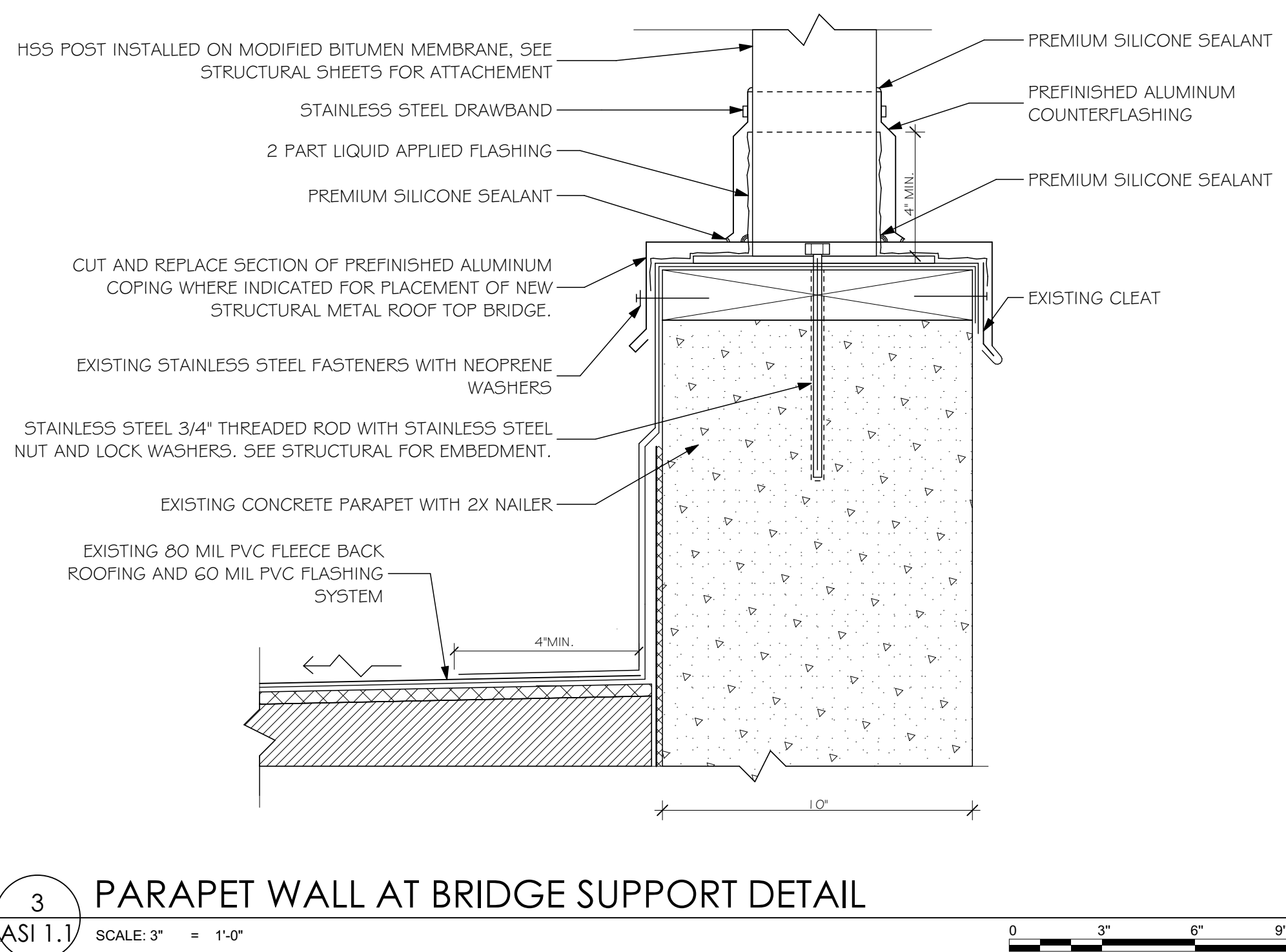
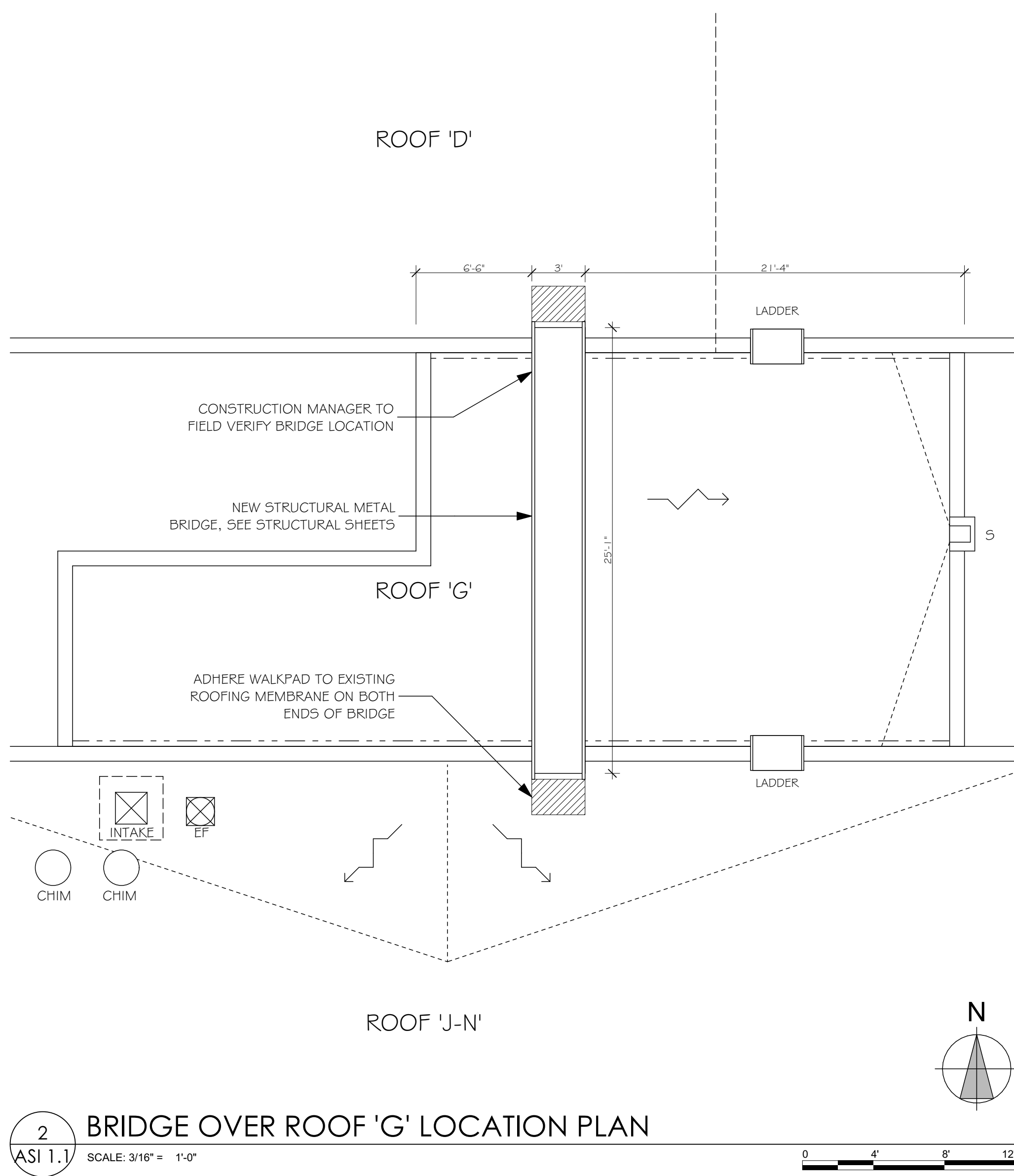
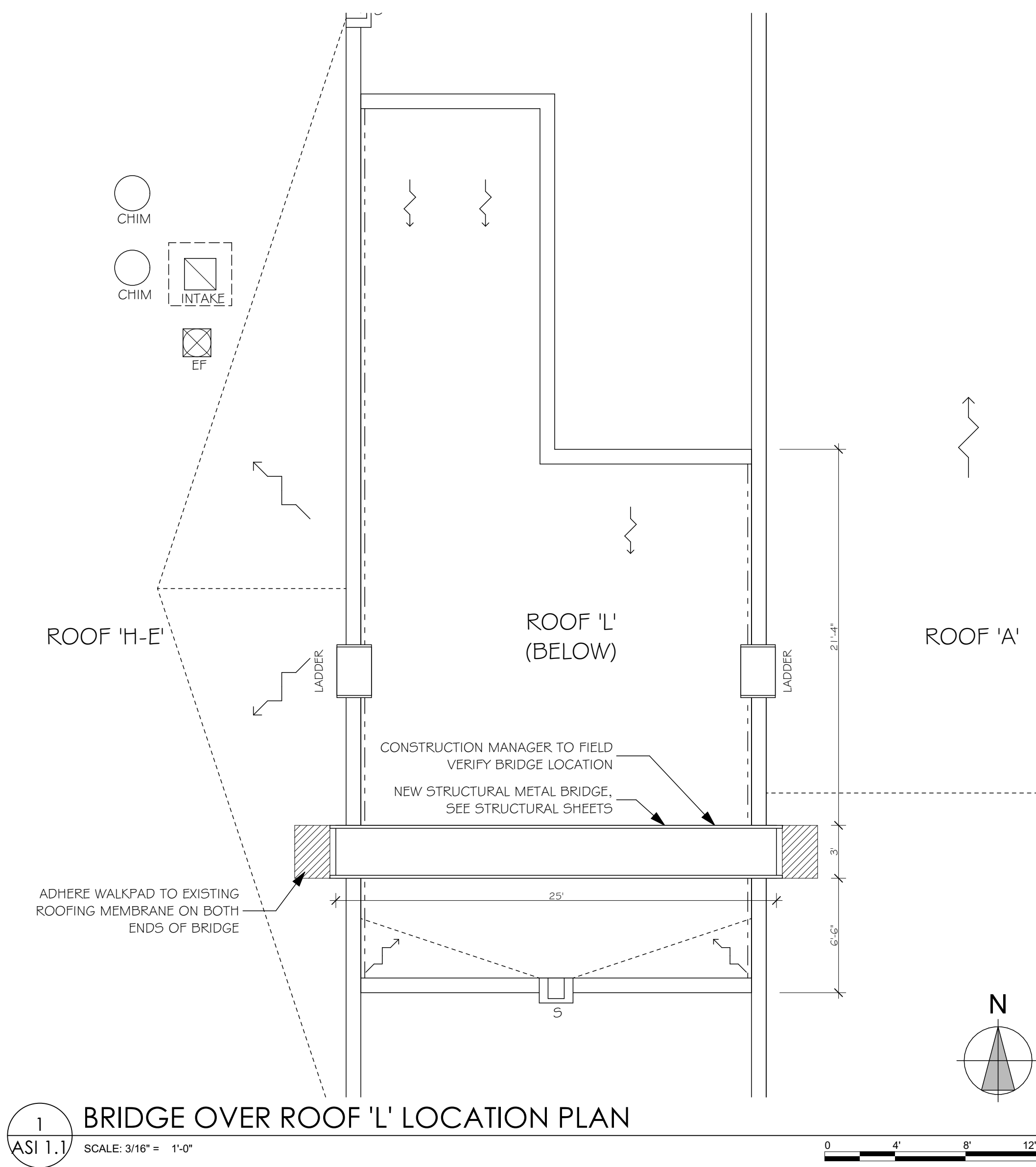
LAKE CITY, FLORIDA

ASI #1  
CATWALKS

PROJ. NO. 139819  
DATE 11/30/2022  
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REVISION  
REVISION DATE

TITLE SHEET

ASI 1.0




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CATWALK  
LOCATIONS AND  
DETAIL

ASI 1.1

STRUCTURAL GENERAL NOTES

1. GENERAL NOTES

- 1.1. THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 7th EDITION (2020). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT. UNLESS OTHERWISE NOTED, ALL WORK AND MATERIALS SHALL CONFORM WITH THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.
- 1.2. THE CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS, USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES OR FIELD CONDITIONS ENCOUNTERED IN CONFLICT WITH THE DRAWINGS IN WRITING TO THE ARCHITECT AND/OR ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OR ENGINEER OF RECORD.
- 1.3. THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF-SUPPORTING ONLY IN ITS COMPLETED FORM. THE DESIGN, ADEQUACY, SAFETY AND STABILITY OR ERECTION BRACING, FORMWORK, SHORING, AND TEMPORARY SUPPORTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 1.4. DETAILS LABELED AS "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.
- 1.5. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK, AND THE GENERAL PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION PERSONNEL RELATED TO THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.
2. SHOP DRAWING SUBMITTAL & REVIEW
- 2.1. SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS, AT A MINIMUM:
- STRUCTURAL STEEL
- 2.2. SUBMISSIONS MAY BE MADE IN PAPER FORM OR ELECTRONICALLY AND SHALL CONTAIN SUFFICIENT COPIES TO ALLOW THE ENGINEER TO RETAIN A RECORD COPY OF THE PLANS AND CALCULATIONS (IF REQUIRED).
- 2.3. ALLOW TEN (10) WORKING DAYS FOR REVIEW OF EACH SHOP DRAWING COMMENCING THE NEXT WORKING DAY AFTER RECEIPT. CONTRACTOR SHALL PLAN SCHEDULE ACCORDINGLY TO ACCOMMODATE THIS REVIEW TIME.
- 2.4. SHOP DRAWINGS REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT. CORRECTIONS OR COMMENTS MADE ON THIS REVIEW DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS, AND FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CORRECTIONS OR COMMENTS DO NOT AUTHORIZE AND INCREASE IN THE CONSTRUCTION BUDGET.
- 2.5. APPROVAL OF SHOP DRAWINGS DOES NOT CONSTITUTE ACCEPTANCE OF DEVIATIONS FROM CONTRACT DOCUMENTS OR PREVIOUS SHOP DRAWING REVIEW COMMENTS UNLESS SPECIFICALLY NOTED THEREIN BY THE ENGINEER OF RECORD.
- 2.6. CONTRACTOR RESPONSIBILITIES PRIOR TO SUBMITTING A SHOP DRAWING OR ANY RELATED MATERIAL TO THE ENGINEER:
- 2.6.1. REVIEW EACH SUCH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO WHICH ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- 2.6.2. REVIEW AND APPROVE EACH SET PRIOR TO SUBMISSION WHICH SHALL INCLUDE VERIFICATION OF ALL DIMENSIONS AND GENERAL CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
- 2.7. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL CHANGES OR DELAYS CAUSED BY SUBMITTING INCOMPLETE SHOP DRAWINGS AND SHALL NOT BEGIN CONSTRUCTION OR FABRICATION WITHOUT RECEIPT OF REVIEWED SHOP DRAWINGS.
3. DESIGN SUPERIMPOSED LOADS
- CONNECTOR BRIDGE = 60 PSF LIVE, 20 PSF DEAD
- GUARDRAILS & HANDRAILS
- TOP RAIL = 200 LBS / 50 PLF (NON-CURRENT) IN ANY DIRECTION
- INTERMEDIATE RAIL = 50 LBS OVER 12" x 12" AREA
4. WIND LOADING
- 4.1. DESIGN CRITERIA PER ASCE 7-10:
- WIND SPEED (ULT/ASD) = 130 MPH / 101 MPH
- RISK CATEGORY = III
- WIND EXPOSURE CATEGORY = C
- ENCLOSURE CLASSIFICATION = N/A
5. STRUCTURAL STEEL
- 5.1. FABRICATE AND ERECT STRUCTURAL STEEL IN CONFORMANCE, W/ AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", WITH COMMENTARY, AND ALL OSHA REQUIREMENTS.
- 5.2. ALL STEEL CONNECTIONS SHALL CONFORM TO AISC MANUAL "STANDARD FRAMED BEAM CONNECTIONS" UNLESS SHOWN OTHERWISE.
- 5.3. STRUCTURAL STEEL SHAPES SHALL BE FABRICATED FROM THE FOLLOWING MATERIALS:
- ROLLED W AND WT SHAPES: ASTM A992, GRADE 50
- ROLLED HP SHAPES: ASTM A572, GRADE 50
- ROLLED M, S, C AND MC SHAPES AND ANGLES: ASTM A36, fy=36 KSI
- PLATES AND BARS: ASTM A36, fy=36 KSI
- COLD-FORMED HOLLOW STRUCTURAL SECTIONS (HSS):
- SQUARE AND RECTANGULAR SECTIONS: ASTM A500, GRADE B, fy=46 KSI
- ROUND SECTIONS: ASTM A500, GRADE B, fy=42 KSI
- STRUCTURAL PIPE: ASTM A53, GRADE B, fy=35 KSI
- 5.4. ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. USE E70 SERIES WELDING ELECTRODES, U.O.N. WHERE NECESSARY, REMOVE GALVANIZING OR PRIMER PRIOR TO WELDING.
- 5.5. A325 BOLTS SHALL COMPLY WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING: ASTM A325 OR A490 BOLTS", INCLUDING COMMENTARY.
- 5.6. TYPICAL BOLTS USED IN STRUCTURAL CONNECTIONS FOR THIS PROJECT ARE 3/4 INCH DIAMETER.
- 5.7. TIGHTEN BEARING-TYPE BOLTS (A-325N) TO THE SNUG TIGHT CONDITION AS FOLLOWS:
- 5.7.1. BOLTS SHALL BE PLACED IN ALL HOLES, WITH WASHERS POSITIONED AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY.
- 5.7.2. COMPACTING THE JOINT TO THE SNUG-TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT.
- 5.7.3. THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.
- 5.7.4. MORE THAN ONE CYCLE THROUGH THE BOLT PATTERN MAY BE REQUIRED TO ACHIEVE THE SNUG-TIGHTENED JOINT.
- 5.7.5. PROVIDE HARDENED WASHERS CONFORMING TO ASTM F436 AND PLACE UNDER THE PART BEING TURNED.
- 5.7.6. DO NOT REUSE OR RETIGHTEN BOLTS WHICH HAVE BEEN FULLY TIGHTENED. USE ONLY NON-GALVANIZED NUTS AND BOLTS THAT ARE CLEAN, RUST-FREE, AND WELL LUBRICATED. BOLTS AND NUTS SHALL BE WAX DIPPED BY THE BOLT SUPPLIER.
- 5.7.7. STORE FASTENER COMPONENTS TO PREVENT CONTAMINATION BY MOISTURE OR OTHER DELETERIOUS SUBSTANCES. FASTENERS FROM OPEN CONTAINERS AND FASTENERS THAT ACCUMULATE RUST OR DIRT SHALL NOT BE USED AND SHALL BE IMMEDIATELY AND PERMANENTLY REMOVED FROM THE PROJECT SITE.
- 5.8. SETTING BASE AND BEARING PLATES:
- 5.8.1. CLEAN CONCRETE BEARING SURFACE OF BOND-REDUCING MATERIALS AND CLEAN BOTTOM OF BASE PLATE.
- 5.8.2. SET BASE OR BEARING PLATE ON WEDGE OR OTHER ADJUSTING DEVICES AS REQUIRED.
- 5.8.3. TIGHTEN ANCHOR RODS AFTER STRUCTURAL STEEL FRAME HAS BEEN PLUMBED. DO NOT REMOVE WEDGES OR SHIMS BUT, IF PROTRUDING, CUT OFF FLUSH WITH EDGE OF BASE OR BEARING PLATE PRIOR TO PACKING WITH GROUT.
- 5.8.4. PACK OR POUR NON-SHRINK GROUT SOLIDLY BETWEEN BEARING SURFACE AND BASE OR BEARING PLATE. ENSURE THAT NO VOIDS REMAIN. FINISH EXPOSED SURFACES, PROTECT GROUT AND ALLOW TO CURE.
- 5.8.5. FOR PROPRIETARY GROUT MATERIALS, COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
- 5.8.6. BASE PLATES MUST BE GROUTED A MINIMUM OF 72 HOURS PRIOR TO PLACING CONCRETE SLABS ON SUPPORTING STEEL STRUCTURE.
- 5.9. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. REAM HOLES THAT MUST BE ENLARGED TO ADMIT BOLTS AS PERMITTED BY ARCHITECT. DO NOT ENLARGE UNFAIR HOLES BY BURNING OR USING DRIFT PINS.

- 5.10. ANCHOR RODS SHALL BE A MINIMUM OF 3/4 INCH DIAMETER AND SHALL COMPLY WITH ASTM F1554 GRADE 55.
- 5.11. NON-SHRINK GROUT SHALL BE NON METALLIC, SHRINKAGE RESISTANT GROUT CONFORMING TO ASTM C1107 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.
- 5.12. HOT DIP GALVANIZATION (WHERE REQUIRED BY CONSTRUCTION DOCUMENTS)
- 5.12.1. ANY STRUCTURAL STEEL EXPOSED TO THE ELEMENTS SHALL BE HOT DIPPED GALVANIZED.
- 5.12.2. AFTER FABRICATION, STRUCTURAL STEEL MEMBERS SHALL BE GALVANIZED PER ASTM A123 TO A MINIMUM THICKNESS OF 3.9 MILS.
- 5.12.3. NO FIELD DRILLING, CUTTING, WELDING, OR OTHER ADJUSTMENTS WILL BE PERMITTED AFTER HOT DIP GALVANIZING.
- 5.12.4. TOUCH UP ANY DAMAGE TO GALVANIZED SURFACES WITH TWO COATS OF ZINC BASED TOUCH UP COATING SIMILAR TO ZRC COLD GALVANIZING COMPOUND MANUFACTURED BY ZRC WORLDWIDE.
- 5.13. ALL FULL PENETRATION WELDS SHALL BE TESTED USING ULTRASONIC (UT) OR RADIOGRAPHIC (RT) METHOD. A REPORT DETAILING THE SATISFACTORY RESULTS FOR ALL FULL PENETRATION WELDS SHALL BE PROVIDED BY THE CONTRACTOR TO THE DESIGN TEAM UPON REQUEST.
- 5.14. SHOP AND FIELD PAINT
- 5.14.1. PRIMER: FABRICATOR'S STANDARD, LEAD AND CHROMATE FREE, NON-ASPHALTIC, RUSTING INHIBITING PRIMER CONFORMING TO SSPC-PAINT 25, TYPE II.
- 5.14.2. SURFACE PREPARATION: CLEAN SURFACES TO BE PRIMED TO REMOVE LOOSE RUST AND MILL SCALE USING SSPC-SP 2, "HAND TOOL CLEANING" AND SSPC-SP 3 "POWER TOOL CLEANING."
- 5.14.3. IMMEDIATELY AFTER SURFACE PREPARATION, APPLY TO PROVIDE A DRY FILM THICKNESS OF NOT LESS THAN 1.5 MILS.
- 5.14.4. FIELD TOUCH UP: RE-CLEAN AND REPAINT ALL PRIMED SURFACES (INCLUDING EXISTING STEEL SURFACES) DAMAGED BY ERECTION PROCESS, INCLUDING ALL FASTENERS AND OTHER STEEL SURFACES.
6. BAR GRATE FLOOR DECK
- 6.1. PROVIDE HOT DIPPED GALVANIZED BAR GRATE WITH 1" x ½" BEARING BARS SPACED AT 1½" ON CENTER AND CROSS BARS AT 4" ON CENTER.
7. CHEMICAL ADHESIVES FOR ANCHOR BOLTS AND RODS
- 7.1. USE AN EPOXY, ACRYLIC OR POLYESTER RESIN ADHESIVE SYSTEM SUCH AS THE POWERS RAWL POWER-FAST SYSTEM, HILTI HIT HY200, ITW RAMSET/RED HEAD EPOX A7 OR C6 INJECTION SYSTEM, ALLIED FASTENER ALLIED GOLD A-1000, OR ACCEPTED EQUIVALENT. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR USE AND INSTALLATION.
- 7.2. CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A ¼ INCH DIAMETER PILOT HOLE FOR EACH ANCHOR. DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
- 7.3. DRILL ¼ INCH LARGER DIAMTER HOLE THAN ANCHOR BOLT AND ½ INCH LARGER HOLE THAN REINFORCING BAR. THOROUGHLY CLEAN HOLE INCLUDING REMOVAL OF DUST PRIOR TO FILLING WITH EPOXY.
- 7.4. PROVIDE ANCHOR EMBEDMENT, SPACING AND EDGE DISTANCE AS SHOWN ON THE DRAWINGS.
- 7.5. THREADED RODS ARE A36 GALVANIZED STEEL, U.O.N.

ABBREVIATIONS

* INCH, INCHES	GA GAUGE	REV REVISION, REVISED
# NUMBER OR POUNDS	GALV GALVANIZED	RJ RUSTICATION JOINT
% PERCENT	GB GRADE BEAM	RO ROUGH OPENING
& AND	GC GENERAL CONTRACTOR	RTU ROOF TOP UNIT
' FOOT, FEET	GLB GLUE LAMINATED BEAM	
= EQUAL	GP GUSSET PLATE	S AMERICAN STANDARD SHAPE
@ AT	GR GRADE, GRADING	SLIP CRITICAL
° DEGREE	GWB Gypsum WALL BOARD	SC SCHEDE
+ PLUS OR MINUS		SDH, SCHED SCHEDULE
± DIAMETER	HAS HEADED ANCHOR STUD	SEC SECURITY
AB ANCHOR BOLT	HCP HOLLOW CORE PLANK	SECT SECTION
ACI AMERICAN CONCRETE INSTITUTE	HCS HOLLOW CORE SLAB	SF SQUARE FOOT
ADD ADDENDUM	HDG HOT DIPPED GALVANIZED	SHT SHEET
ADL ADDITIONAL	HDR HEADER	SHG SHEATHING
ADH ADHESIVE	HWR HANGER	SM SIMILAR
ADJ ADJACENT	HM HOLLOW METAL	SOS SLAB ON GRADE
AFF ABOVE FINISHED FLOOR	HORIZ, H HORIZONTAL	SP SPACE(S)
AHU AIR HANDLING UNIT	HP HIGH POINT OR BEARING PILE	SPOG SPACING
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION	HSB HIGH STRENGTH BOLT	SPEC SPECIFICATION
ALT ALTERNATE	HSS HOLLOW STRUCTURAL SECTION	SQ SQUARE
ANCH ANCHOR, ANCHORAGE	HT HEIGHT	SS STAINLESS STEEL
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE	HVAC HEATING/VENTILATION/AIR CONDITIONING	SSH SOCIETY FOR PROTECTIVE COATING
APPROX APPROXIMATE	IBC INTERNATIONAL BUILDING CODE	ST STRUCTURAL TEE CUT FROM S
AR ANCHOR ROD	ICBO INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS	STD STANDARD
ARCH ARCHITECT, ARCHITECTURAL	ICC-ES ICC EVALUATION SERVICE	STIFF STIFFENER
ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS	ICM INSULATED CONCRETE MASONRY UNIT	STL STEEL
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS	ID INSIDE DIAMETER	STR STAIR
ATR ALL THREADED ROD	IF INSIDE FACE	STRUCT STRUCTURAL
AWS AMERICAN WELDING INSTITUTE	IS ISOLATION JOINT	SUPT SUPPORT
	IN INCH, INCHES	SW SHEAR WALL
	INCL INCLUDED, INCLUDING	SYM SYMMETRICAL
INFO INFORMATION		
INSUL INSULATION		T&B TOP OF BOTTOM
INT INTERIOR		T&G THICK, THICKNESS
INV INVERT		THRD THREADED
	JST JOIST	THRD THREADED
	JT, JTS JOINT, JOINTS	TOP TOP OF BEAM
	K, KIP KILOPOUND	TOC TOP OF CONCRETE
	KSF KIPS PER SQUARE FOOT	TOCW TOP OF CONCRETE WALL
	KSI KIPS PER SQUARE INCH	TOF TOP OF FOOTING
		TOP TOP OF PARCHET
	L ANGLE OR LENGTH OR LONG	TOS TOP OF STEEL
	LAT LATERAL	TOSLAB TOP OF SLAB
	LB LAG BOLT OR POUND	TOW TOP OF WALL
	LE LEFT END	TPG TOPPING
	LF LINEAR FOOT	TR THREADED ROD IN ADHESIVE ANCHOR
(c) COLLECTOR	LFRS LATERAL FORCE RESISTING SYSTEM	TRANS TRANSVERSE
C CAMBER OR CHANNEL	LGT, LONG LONGITUDINAL	TSP THICKENED SLAB FOOTING
C/C CENTER TO CENTER	LB LOAD INDICATOR BOLT	TYP TYPICAL
C-GROUT CURTAIN GROUT	LN LINEAR	
CNT CANTILEVER	LW LOAD INDICATOR WASHER	
CF CUBIC FOOT, FEET	LWE LOAD	UBC UNIFORM BUILDING CODE
CP CAST-IN-PLACE	LLH LONG LEGS HORIZONTAL	UFRIC UPSET END FLANGE REBAR COUPLER
CJ CONTROL JOINT	LLV LONG LEGS VERTICAL	UNO UNLESS NOTED OTHERWISE
CJP COMPLETE JOINT PENETRATION	LNDO LANDING	UT ULTRASONIC TEST
CL, ½ CENTERLINE	LNTEL LINTEL	
CLR CLEAR, CLEARANCE	LOC LOCATE, LOCATION	
CMU CONCRETE MASONRY UNIT	LP LOW POINT	VERT, V VERTICAL
COL COLUMN	LSH LONG SLOTTED HOLE	VRY VERIFY
COMP COMPOSITE OR COMPRESSION	LSL LAMINATED STUD LUMBER	VF VERIFY IN FIELD
CONC CONCRETE	LSV LONG SLOTTED HOLT VERTICAL	VMS VERTICAL MOVEMENT SYSTEM
CONFG CONFIGURATION	LVL LAMINATED VENEER LUMBER	VNR VENEER
CONV CONNECTION		
CONST CONSTRUCTION	MAS MASONRY	W WIDTH OR WIDE FLANGE
CONT CONTINUOUS	MATL MATERIAL	W/ WITH
CONTR CONTRACTOR	MAX MAXIMUM	W/O WITHOUT
COORD COORDINATE	MB MACHINE BOLT (A-307)	WCJ WALL CONTROL JOINT
CRS CONCRETE REINFORCING STEEL	MC MISCELLANEOUS CHANNEL	WD WOOD
CRS INSTITUTE	MCR MODIFIED CHLOROPRENE RUBBER	WF WIDE FLANGE
CTR CENTER, CENTERED	MECH MECHANICAL	WP WORKING POINT
CJ CUBIC	MEP MECHANICAL, ELECTRICAL, PLUMBING	WPS WELDING PROCEDURES SPECIFICATIONS
CW CURTAIN WALL	MEZZ MEZZANINE	WS WELD STUD
CY CUBIC YARD	MFR MOMENT FRAME	WT WEIGHT OR STRUCTURAL TEE CUT FROM W SECTION
	MD MANUFACTURER	WNF WELDED WIRE FABRIC
DBA DEFORMED BAR ANCHOR	MD MIDDLE	WNM WELDED WIRE MESH
DBL DOUBLE	MN MINIMUM	
DC DEMAND CRITICAL	MSC MISCELLANEOUS	X-STR EXTRA STRONG
DEG, ° DEGREE	MLB MICROLAM BEAM	XX-STR DOUBLE EXTRA STRONG
DEM DEMOLISH, DEMOLITION	MO MASONRY OPENING	
DIAM DIAMETER	MPT MAGNETIC PARTIAL TEST	
DIAG DIAGONAL	MT STRUCTURAL TEE CUT FROM M SECTION	
DIPH DIAPHRAGM	MTL METAL	
DM DIMENSION		
DISC DISCONTINUE, DISCONTINUOUS	N-GROUT NON-SHRINK GROUT	
DL DEAD LOAD	NIC NOT IN CONTRACT	
DN DOWN	NLB NON-LOAD BEARING	
DO DITTO	NO NUMBER	
DP, D DEEP, DEPTH	NOM NOMINAL	
DTL DETAIL	NS NEAR SIDE	
DWG, DWGS DRAWING, DRAWINGS	NTS NOT TO SCALE	
DWL, DWLS DOWEL, DOWELS		
EA EACH	OC ON CENTER	
EB EXPANSION BOLT	OD OUTSIDE DIAMETER	
EF EACH END	OF OUTSIDE FACE	
ET EACH FACE	OH OVERSIZED HOLE	
EJ EXPANSION JOINT	OPNG OPENING	
EL ELEVATION	OPP OPPOSITE	
ELEC, ELECT ELECTRICAL	OPP HD OPPOSITE HAND	
ELEV ELEVATOR	OPT OPTIONAL	
EMBED EMBEDMENT, EMBEDDED	OWJ OPEN WEB JOIST	
ENGR ENGINEER		
EOO EDGE OF DECK	PC PRECAST CONCRETE	
EOS EDGE OF SLAB	PCF POUNDS PER CUBIC FOOT	
EQ EQUAL	PDF POWER DRIVEN FASTENERS	
EQP, EQUIP EQUIPMENT	PEN PENETRATION	
ES EACH SIDE	PERM PERIMETER	
ETW EACH WAY	PERP PERPENDICULAR	
EXIST, (E) EXISTING	PHW PARTIAL HEIGHT WALL	
EXP EXPANSION	PIJ PARTIAL JOINT PENETRATION	
EXT EXTERIOR	PL, ½ PLATE	
	PLF POUNDS PER LINEAL FOOT	
F-GROUT FINE GROUT	PLYWOOD PLYWOOD	
FAB FABRICATE	PP PARTIAL PENETRATION	
FB FLAT BAR	PREFAB PREFABRICATED	
FBC FLORIDA BUILDING CODE	PRELIM PRELIMINARY	
FCJ FLOOR CONTROL JOINT	PRSTR PRESTRESSED	
FEN, FTEN FOUNDATION	PSC PRESTRESSED CONCRETE	
FS FINISHED FLOOR ELEVATION	PSF POUNDS PER SQUARE FOOT	
FL FILLET	PSI POUNDS PER SQUARE INCH	
FN FINISH, FINISHED	PSL PARALLEL STRAND LUMBER	
FLG FLANGE	PT POINT	
FLJ FERRULE LOOP INSERT	PTC POST TENSION CONCRETE	
FLR FLOOR	PTV PRESSURE TREATED TIMBER	
FMB FACE OF BRICK	PVC POLYVINYL CHLORIDE	
FMC FACE OF CONCRETE		
FOM FACE OF MASONRY	QTY QUANTITY	
FOS FACE OF STUD		
FOV FACE OF VENEER	R RADIUS	
FOW FACE OF WALL	RC REINFORCED CONCRETE	
FRG FRAMING	RE REFER TO	
FS FAR SIDE	REF REFERENCE	
FT FOOT, FEET	REINF REINFORCE(D), (NG), (MENT)	
FTG FOOTING	REQ REQUIRED	
	RETG RETAINING	

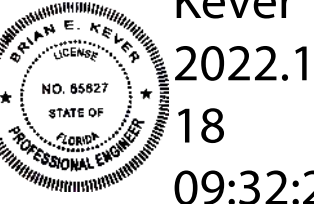
CONSULTANTS



Kever McKee  
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1624 Metropolitan Blvd., Ste. A  
Tallahassee, Florida 32308  
Office: (850) 727-5367  
Authorization No. 31293

Brian E. Kever, P.E.  
Florida PE No. 65627



Brian E  
Kever  
2022.11.  
18  
09:32:26  
-05'00'



ARCHITECTURE  
INTERIOR DESIGN  
BUILDING ENVELOPE

211 JOHN KNOX RD, SUITE 105  
TALLAHASSEE, FL 32303  
PH: (850) 385 9200

AA 20030106  
MLDARCHITECTS.COM

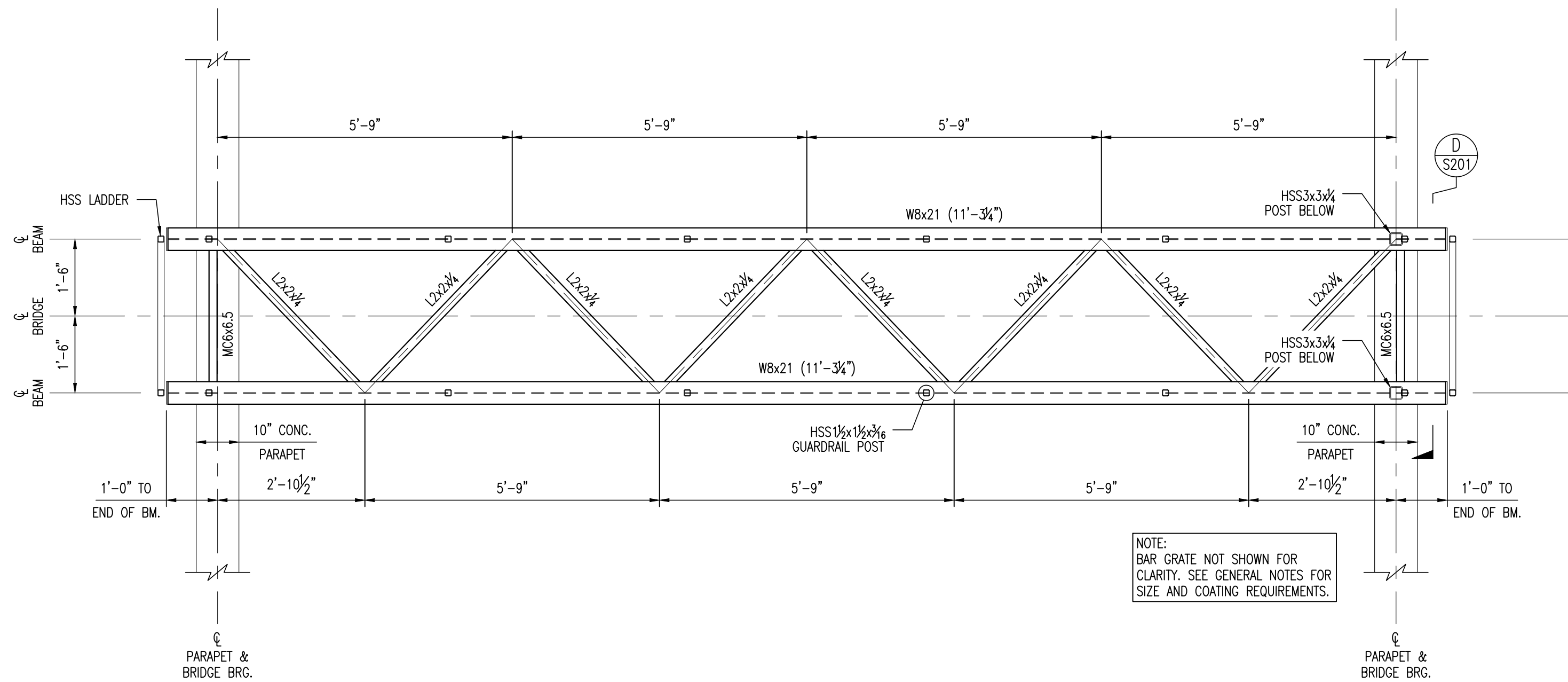
LAKE CITY CORRECTIONAL FACILITY REROOF PHASES 4 & 5  
FLORIDA DEPARTMENT OF MANAGEMENT SERVICES  
LAKE CITY, FLORIDA

ASI #1  
CATWALKS

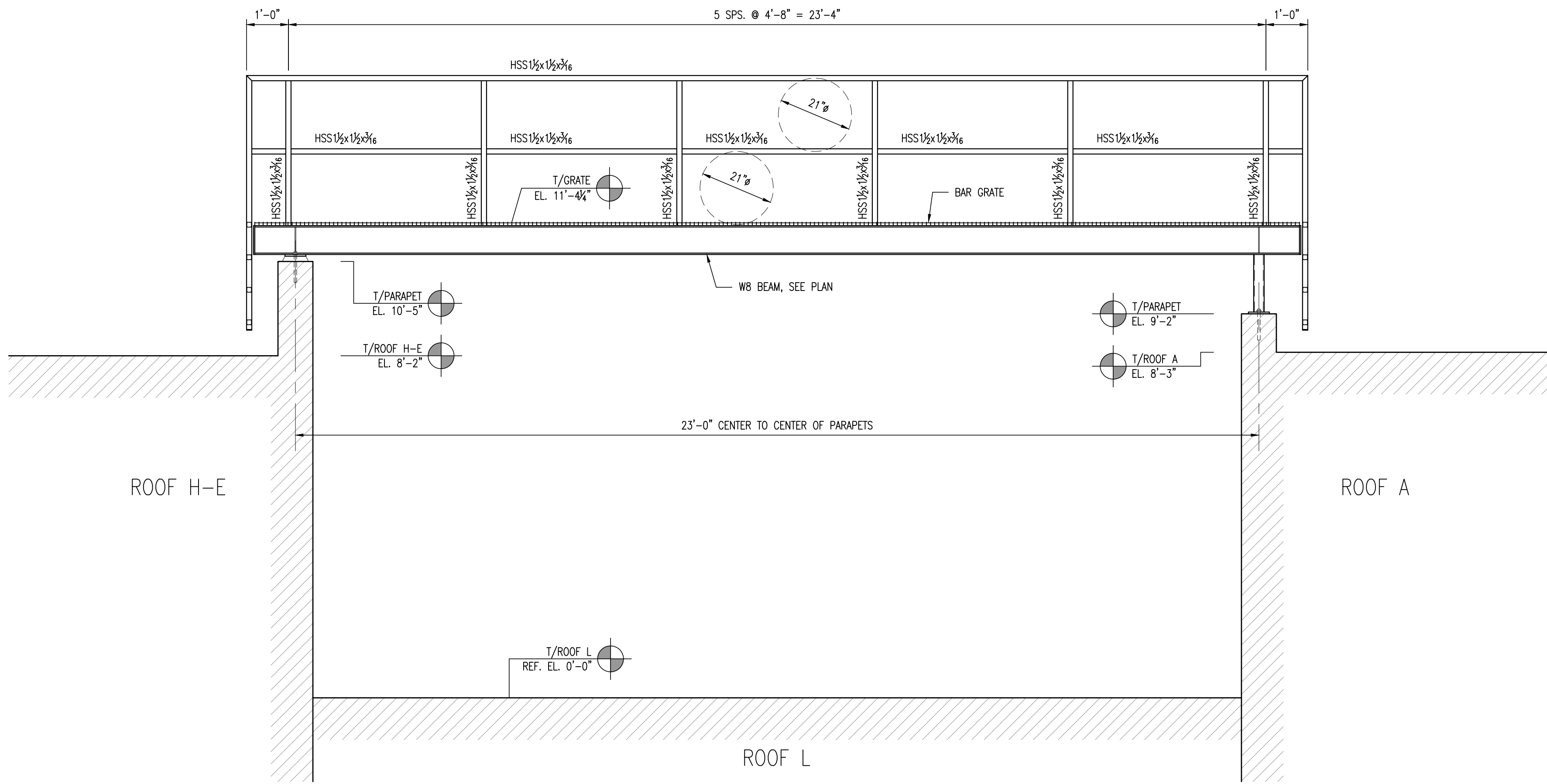
PROJ. NO. 12125  
DATE 07/30/2020  
DRAWN B. Kever  
CHECKED P. McKee  
APPROVED B. Kever  
REVISION  
REVISION DATE

General Notes

S001



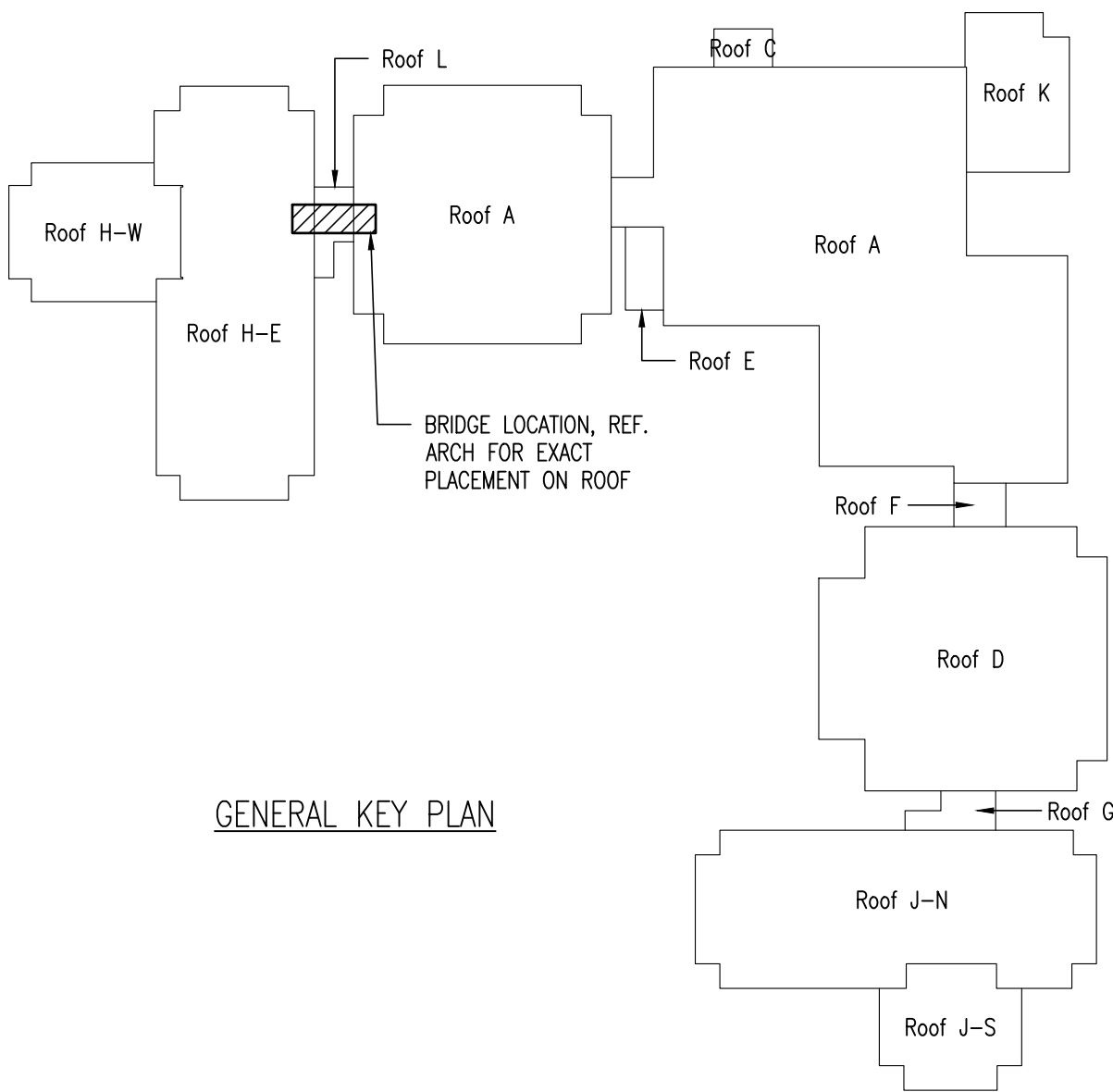
BRIDGE OVER ROOF L PLAN  
SCALE: 1/2" = 1'-0"



BRIDGE OVER ROOF L ELEVATION  
SCALE: 1/2" = 1'-0"

BRIDGE FRAMING NOTES:

1. ALL ELEVATIONS SHOWN ARE BASED ON FIELD MEASUREMENTS PROVIDED TO KME WITH ROOF L AS THE BASE ELEVATION. ALL DIMENSIONS SHOWN SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION.
2. ALL STEEL COMPONENTS SHALL BE HOT DIPPED GALVANIZED AND PAINTED AS INSTRUCTED BY THE ARCHITECT.
3. ANY CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE DESIGNED BY THE STEEL FABRICATOR.
4. THE DIMENSIONS SHOWN ARE GIVEN TO CENTERLINE OF COLUMNS OR BEAMS AND EDGE OF DECK, RESPECTIVELY.
5. SEE SHEET S0.1 FOR GENERAL NOTES REGARDING STEEL PREPARATION AND FABRICATION.



GENERAL KEY PLAN

CONSULTANTS



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Authorization No. 31293

Brian E. Kever, P.E.  
Florida PE No. 65627

Brian E  
Kever  
2022.11.  
18  
09:35:08  
-05'00'



ARCHITECTURE  
INTERIOR DESIGN  
BUILDING ENVELOPE

211 JOHN KNOX RD, SUITE 105  
TALLAHASSEE, FL 32303  
PH: (850) 385 9200

AA 20001006  
MLDARCHITECTS.COM

LAKE CITY CORRECTIONAL FACILITY REROOF PHASES 4 & 5  
FLORIDA DEPARTMENT OF MANAGEMENT SERVICES  
LAKE CITY, FLORIDA

ASI #1  
CATWALKS

PROJ. NO.	12125
DATE	07/30/2020
DRAWN	B. Kever
CHECKED	P. McKee
APPROVED	B. Kever
REVISION	
REVISION DATE	

Bridge over Roof L

S101



KEVER | MCKEE  
ENGINEERING

624 Metropolitan Blvd., Ste. A  
Tallahassee, Florida 32308  
Office: 850.727.5367  
Authorization No. 31293

Brian E. Kever, P.E.  
Florida PE No. 65627



Brian E Kever  
2022.11.18  
09:36:33 -05'00'



ARCHITECTURE  
INTERIOR DESIGN  
BUILDING ENVELOPE

211 JOHN KNOX RD, SUITE 105  
TALLAHASSEE, FL 32303  
PH: (850) 385 9200

AA 26003006  
MLDARCHITECTS.COM

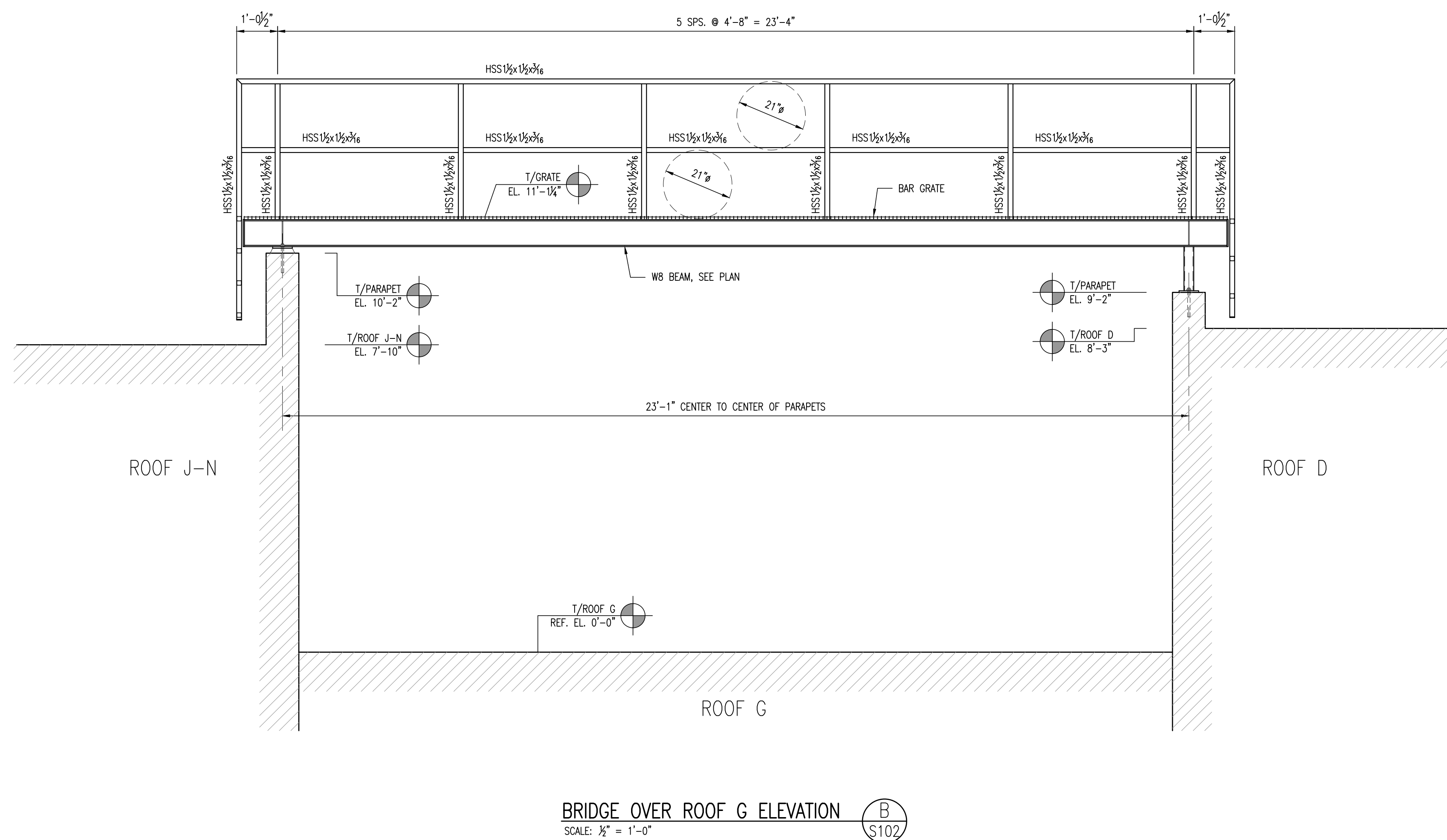
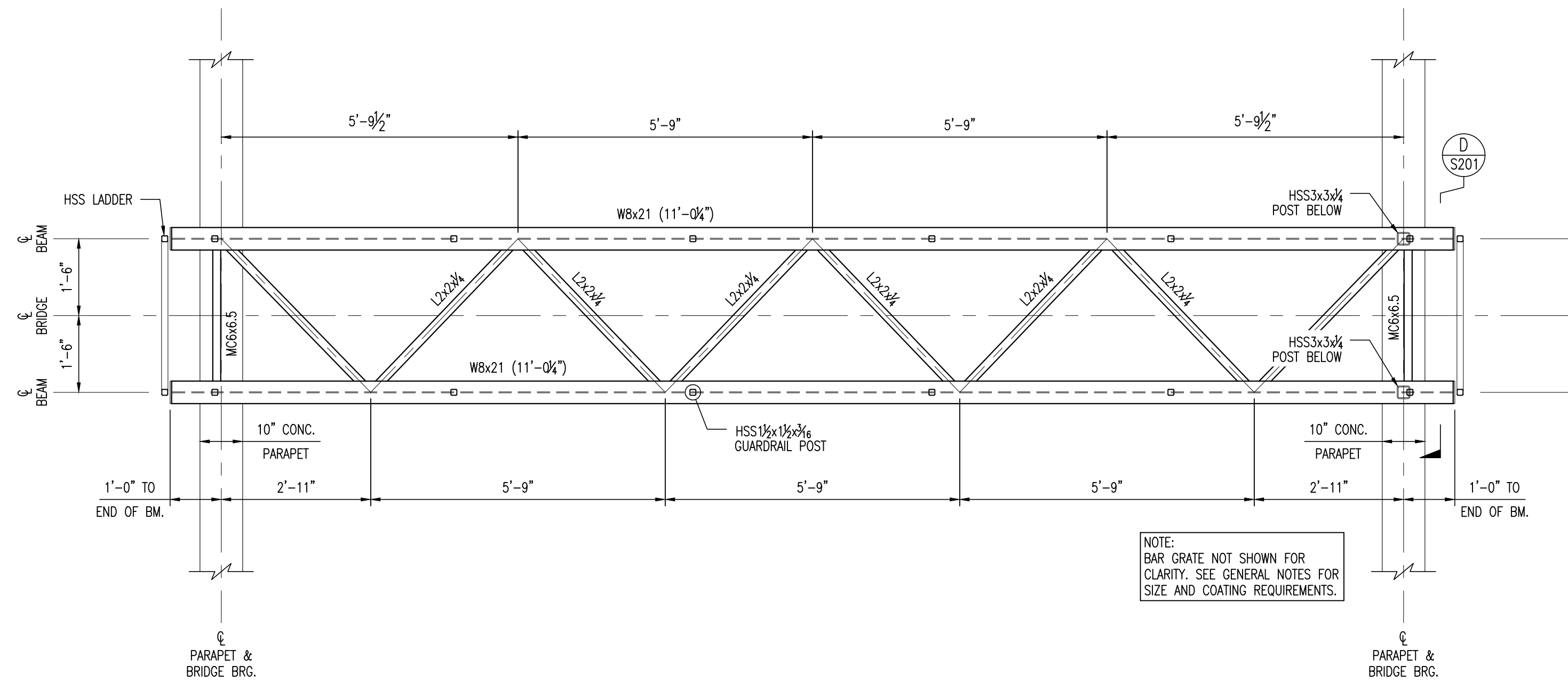
LAKE CITY CORRECTIONAL FACILITY REROOF PHASES 4 & 5  
FLORIDA DEPARTMENT OF MANAGEMENT SERVICES  
LAKE CITY, FLORIDA

ASI #1  
CATWALKS

PROJ. NO. 12125  
DATE 07/30/2020  
DRAWN B. Kever  
CHECKED P. McKee  
APPROVED B. Kever  
REVISION \_\_\_\_\_  
REVISION DATE \_\_\_\_\_

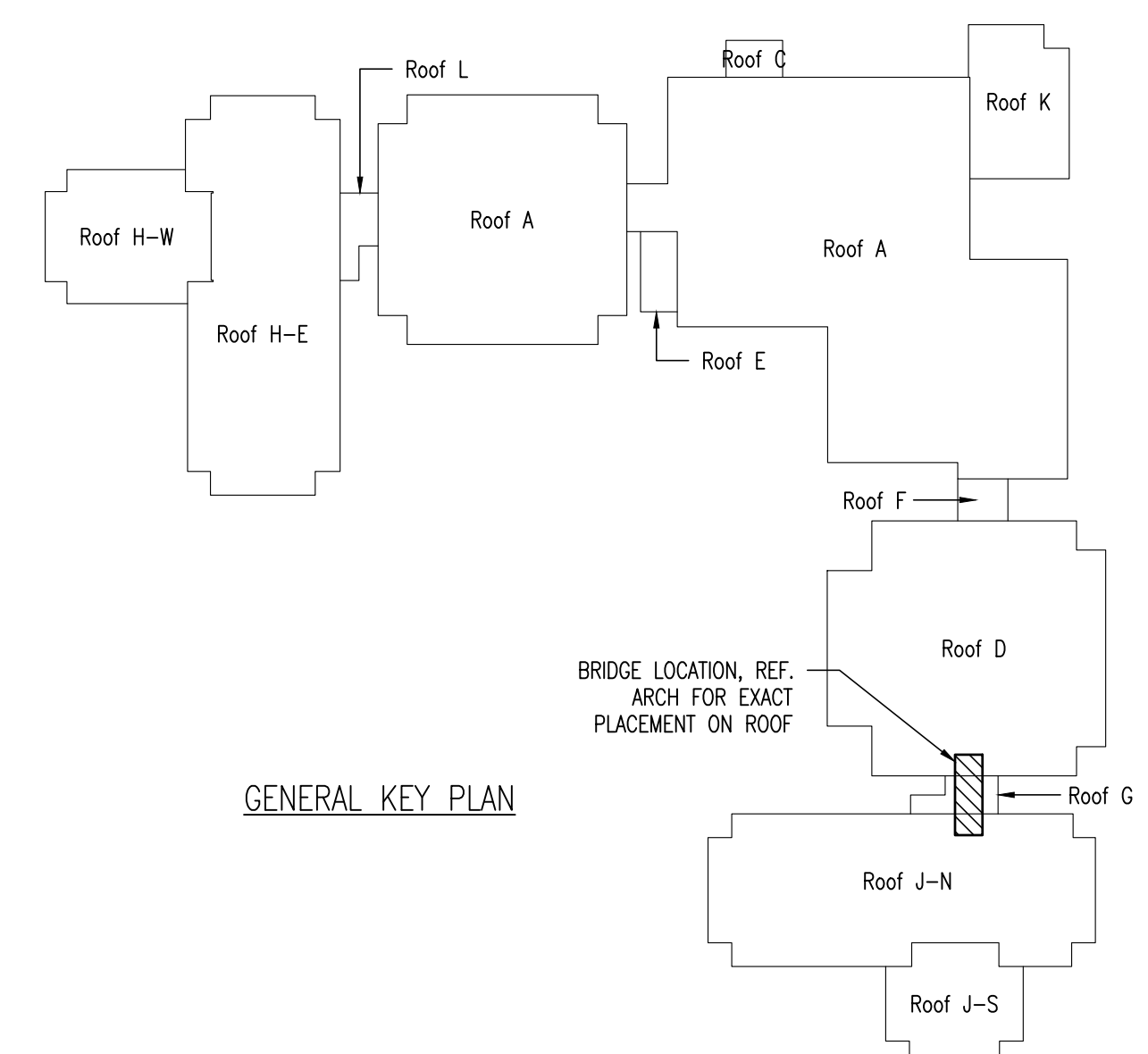
### Bridge over Roof G

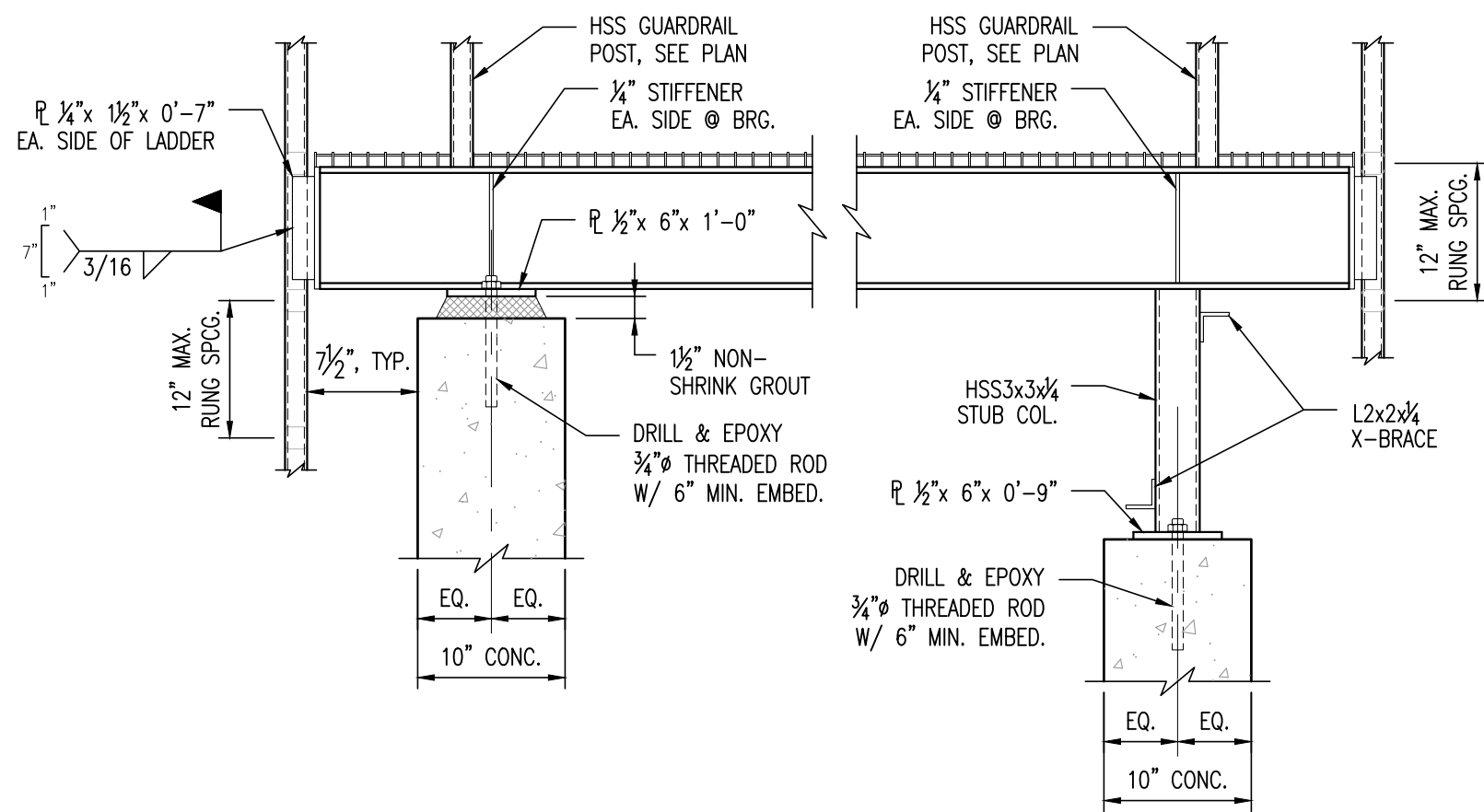
S102



- BRIDGE FRAMING NOTES:

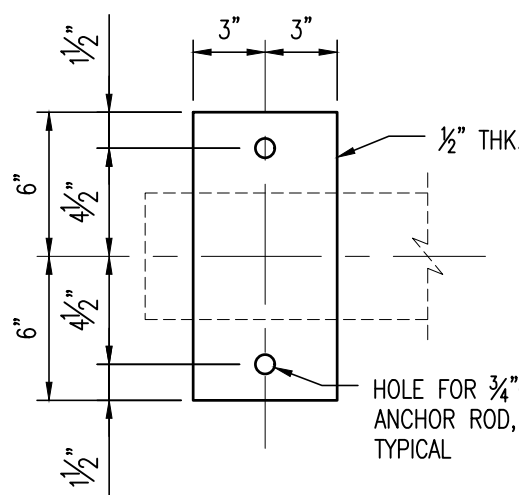
1. ALL ELEVATIONS SHOWN ARE BASED ON FIELD MEASUREMENTS PROVIDED TO KME WITH REF. G AS THE BASE ELEVATION. ALL DIMENSIONS SHOWN SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION.
2. ALL STEEL COMPONENTS SHALL BE HOT DIPPED GALVANIZED AND PAINTED AS INSTRUCTED BY THE ARCHITECT.
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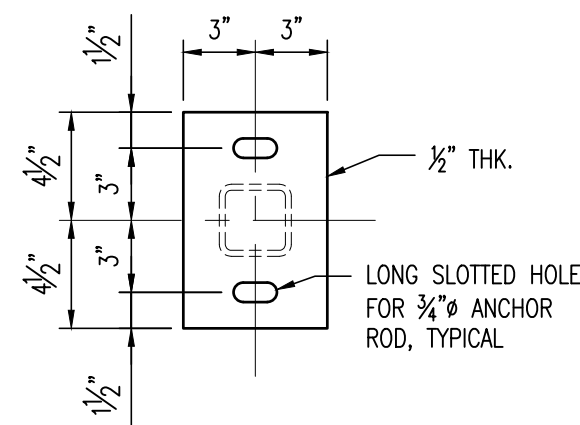


BRIDGE CONN. DETAILS  
SCALE: 1" = 1'-0"

A  
S201



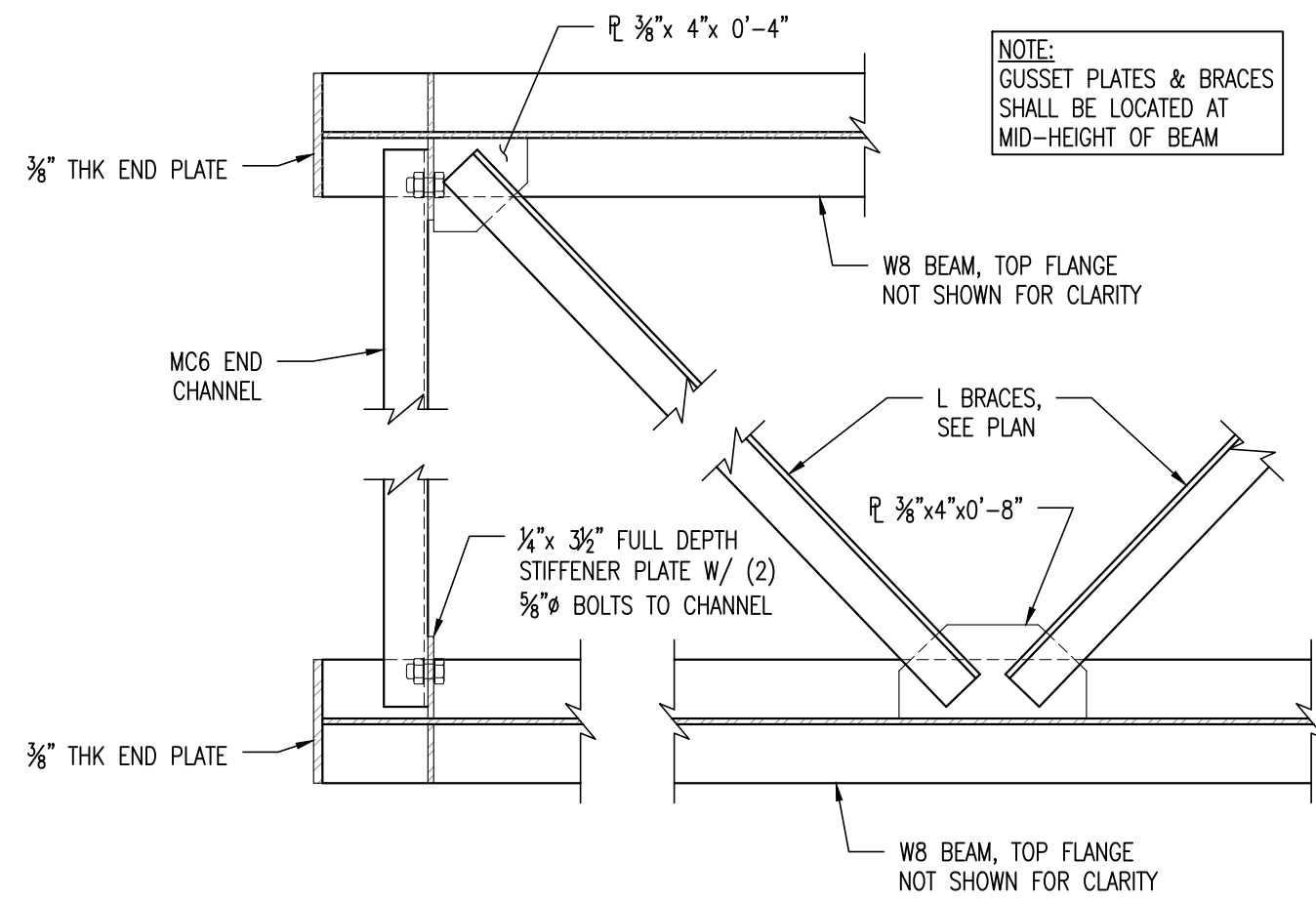
@ BEAM BEARING



@ HSS COLUMN

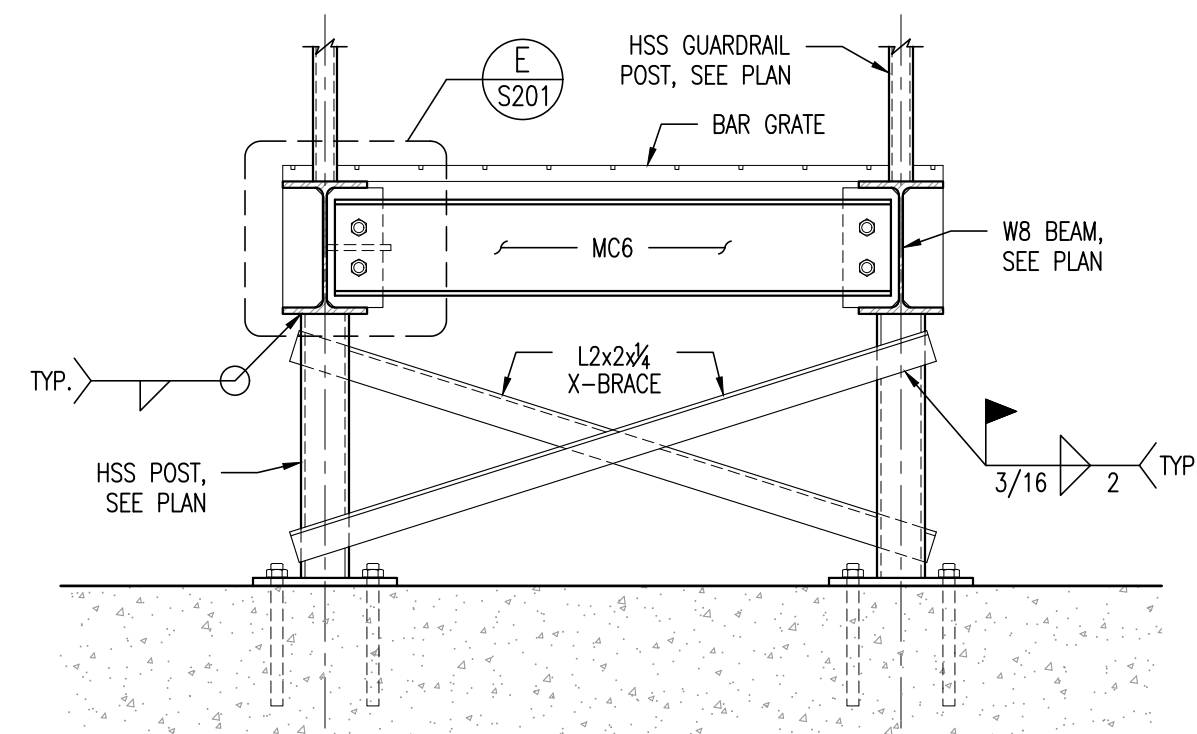
BASE PLATE DETAILS  
SCALE: 1 1/2" = 1'-0"

B  
S201



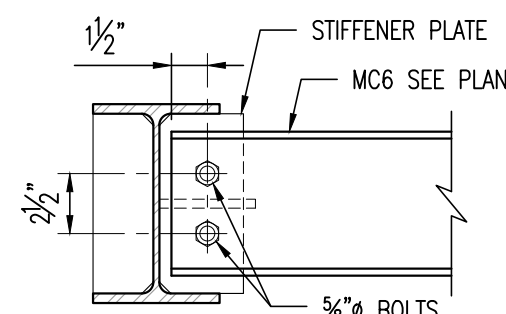
BRIDGE LATERAL TRUSS  
SCALE: 1 1/2" = 1'-0"

C  
S201



SECTION AT X-BRACE  
SCALE: 1" = 1'-0"

D  
S201



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

E  
S201