

LANE
SUPPLY, INC.
120 FAIRVIEW
ARLINGTON, TX. 76010
(817) 261-9116

A circular professional engineer seal for John J. Cox, License No. 83742, State of Florida. The seal includes the text "JOHN J. COX", "LICENSE", "No. 83742", "STATE OF FLORIDA", and "PROFESSIONAL ENGINEER". A signature is written across the seal, and the date "JAN 17 2024" is stamped at the bottom.

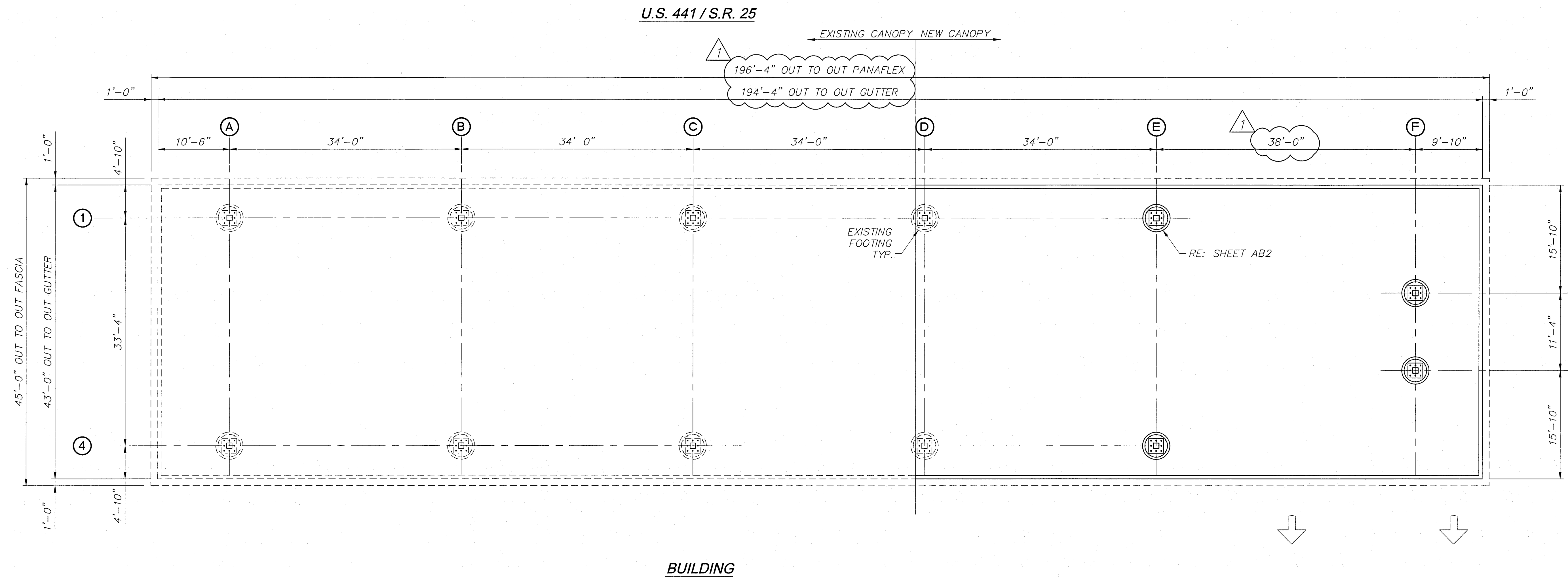
[illegible]

LSC: 73192
DRAWN BY: NP
CHECKED BY:
DATE: 9/6/22

LOVE'S COUNTRY STORES
LOVE'S #724 GAS
13700 U.S. HIGHWAY 441
LAKE CITY, FL 
43'-0" X 38'-0" CANOPY ADDITION

SHEET TITLE

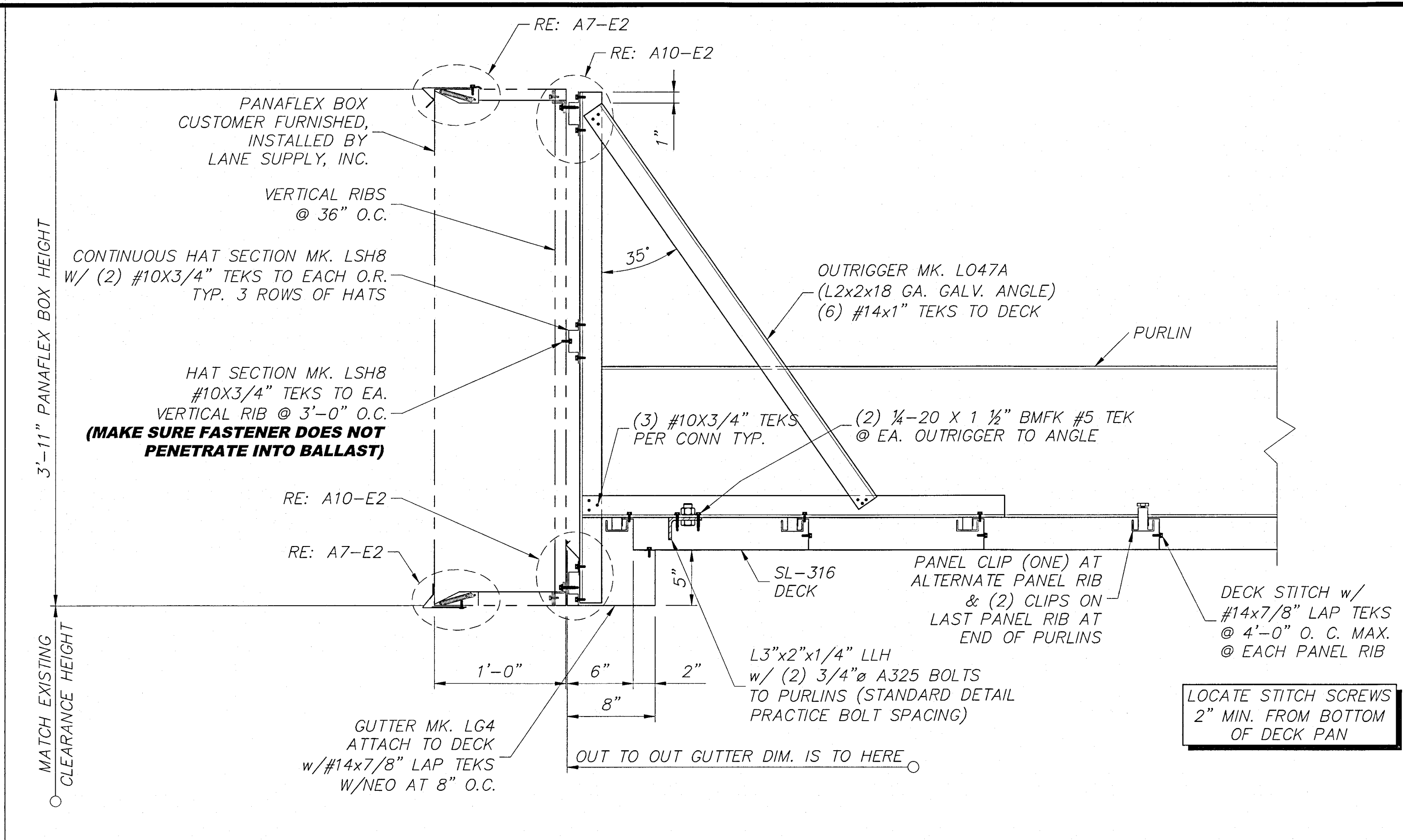
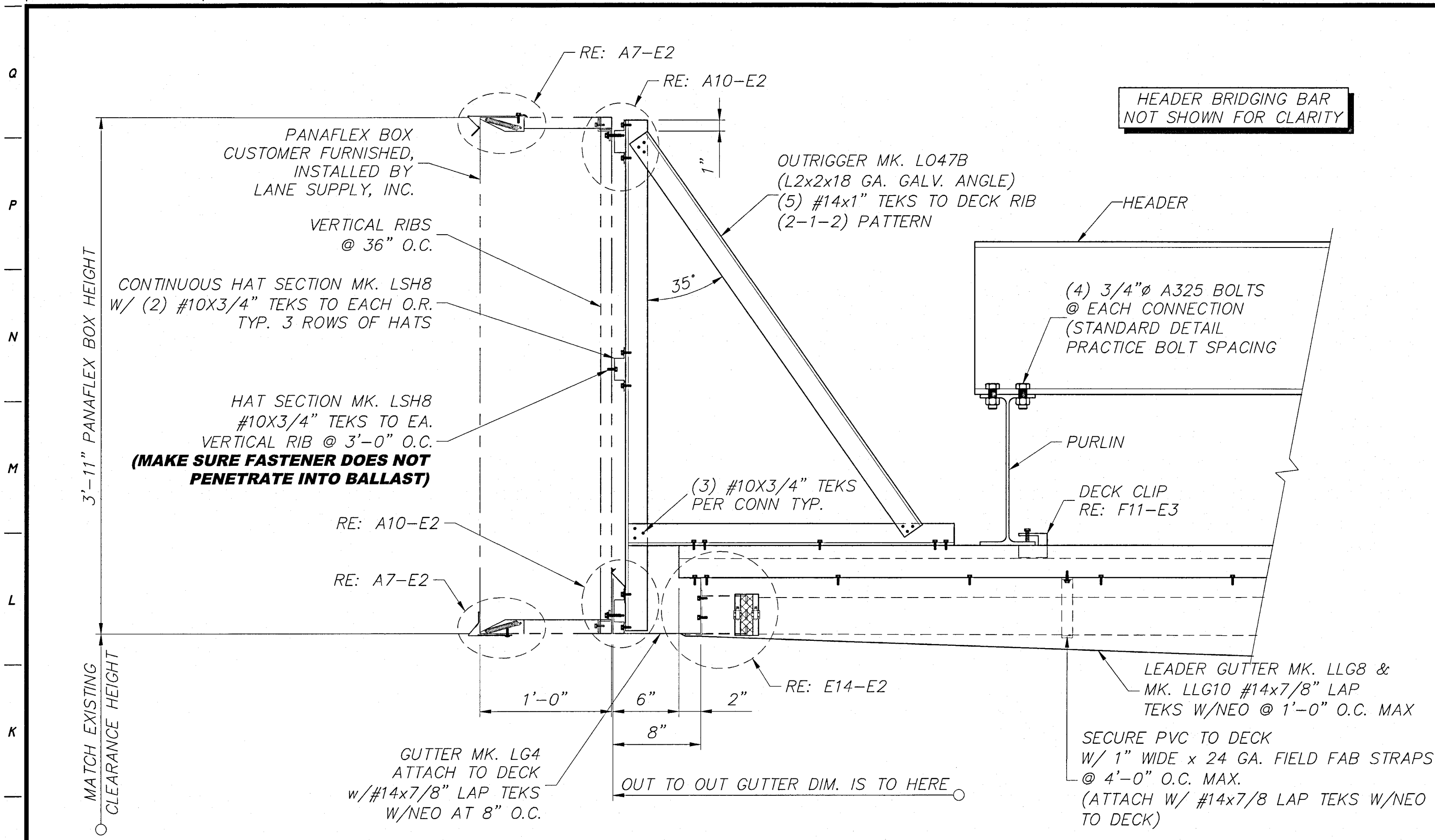
ABI OF 2



FI		COLUMN AND FOOTING LOCATIONS						LSC: 73192 DRAWN BY: NP CHECKED BY:	
N.T.S.								NORTH	
1. ALL FOUNDATION WORK BY OTHERS AND SUBJECT TO LOCAL APPROVAL. 2. THE FOUNDATION DESIGN IS BASED UPON SECTION 1807.3.2.2-2018 I.B.C./2020 F.B.C. EDITION. THE DESIGN CRITERIA IS BASED ON SOILS REPORT BY TERRACON CONSULTANTS, INC. TERRACON PROJECT NO.: EQ165133 AND DATED JANUARY 10, 2017; SITE CLASS D, SOIL BEARING CAPACITY OF 3,000 p.s.f. AND A PASSIVE SOIL PRESSURE OF 315 p.s.f. PER FOOT OF DEPTH. 3. DRILLED SHAFT FOOTINGS SHALL BE INSTALLED PER ACI STD. 336. 4. CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI STANDARD 318-14 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE." 5. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (F'C) AT THE END OF 28 DAYS SHALL BE 3000 PSI MIN. 6. REINFORCING STEEL SHALL BE GRADE 60 AND CONFORM TO ASTM A615 LATEST REVISION. 7. DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS SHALL COMPLY WITH ACI 315, ACI 318 AND CRSI STANDARDS. 8. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554-A36. 9. LANE IS NOT RESPONSIBLE FOR FOOTING POURED PRIOR TO PERMITTING. 10. FOOTING ARE DESIGNED TO BE CONSTRAINED AT THE TOP BY A 6" SLAB. IF THEY ARE NOT, PLEASE NOTIFY LANE SUPPLY CO. 11. POUR FOOTINGS TO SAME TOP ELEVATION. 12. USE MASTER FLOW 928 NON-SHRINK GROUT OR EQUIVALENT F'm=5000 p.s.i. 13. G.C. TO ENSURE THAT FOOTINGS DO NOT INTERFERE WITH CONTAINMENT SUMP.		1. TOP OF ALL CANOPY FOOTINGS ARE TO BE POURED BELOW FINISHED GRADE OR AS REQUIRED BY LOCAL CODES AND ORDINANCES. 2. IT IS THE OWNERS RESPONSIBILITY TO CONVEY TO ALL CONTRACTORS THAT IT IS THEIR RESPONSIBILITY TO INSURE THAT THE SITE IS PROPERLY EXCAVATED AND GRADED. DURING CONCRETE FORMING PRIOR TO AND AFTER THE POUR, THE CONCRETE SHOULD BE CHECKED FOR PROPER ELEVATION, SQUARE AND CORRECT DIMENSIONS. 3. MEASUREMENTS FOR ANCHOR BOLTS ARE EXACT AND SHOULD BE RECHECKED TO INSURE PROPER LOCATION. 4. CORRECTION OF LOCATION, OF ELEVATION AND OF DIMENSIONAL ERRORS MUST BE MADE PRIOR TO THE ARRIVAL OF THE ERECTION CREW AND PRIOR TO THE ERECTION OF THE STRUCTURE. 5. AFTER THE FORMS HAVE BEEN REMOVED, ALL TRENCHES, HOLES AND UNEVEN SITE CONDITIONS MUST BE LEVELED TO INSURE A SAFE WORKING AND ACCESS AREA ACCEPTABLE TO LOCAL, STATE, FEDERAL AND OSHA AGENCIES.						DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) + WEIGHT OF STRUCTURAL COMPONENTS LIVE LOAD = 20 p.s.f. V, ULT = 120 m.p.h. EXP. C V, ASD = 93 m.p.h. EXP. C BLDG CODE = 2020 FLORIDA BUILDING CODE/2018 I.B.C. EQUIVALENT LATERAL FORCE PROCEDURE LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME SITE CLASS = D Ss (0.2) = 0.086 S1 (1.0) = 0.051 Fa = 1.60 Fv = 2.40 SD1 = 0.08 SDS = 0.09 R = 1.25 SEISMIC IMPORTANCE FACTOR = 1.0 OCCUPANCY CATEGORY = II SEISMIC DESIGN CATEGORY = B CS = 0.073 CONSTRUCTION TYPE = IIB OCCUPANCY CATEGORY = M ADDITIONAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 1.70 KIPS	
AI		A5		A9		AI4			
FOOTING NOTES		GENERAL NOTES		NOT USED		DESIGN LOADS			
N.T.S.		N.T.S.		N.T.S.		N.T.S.			

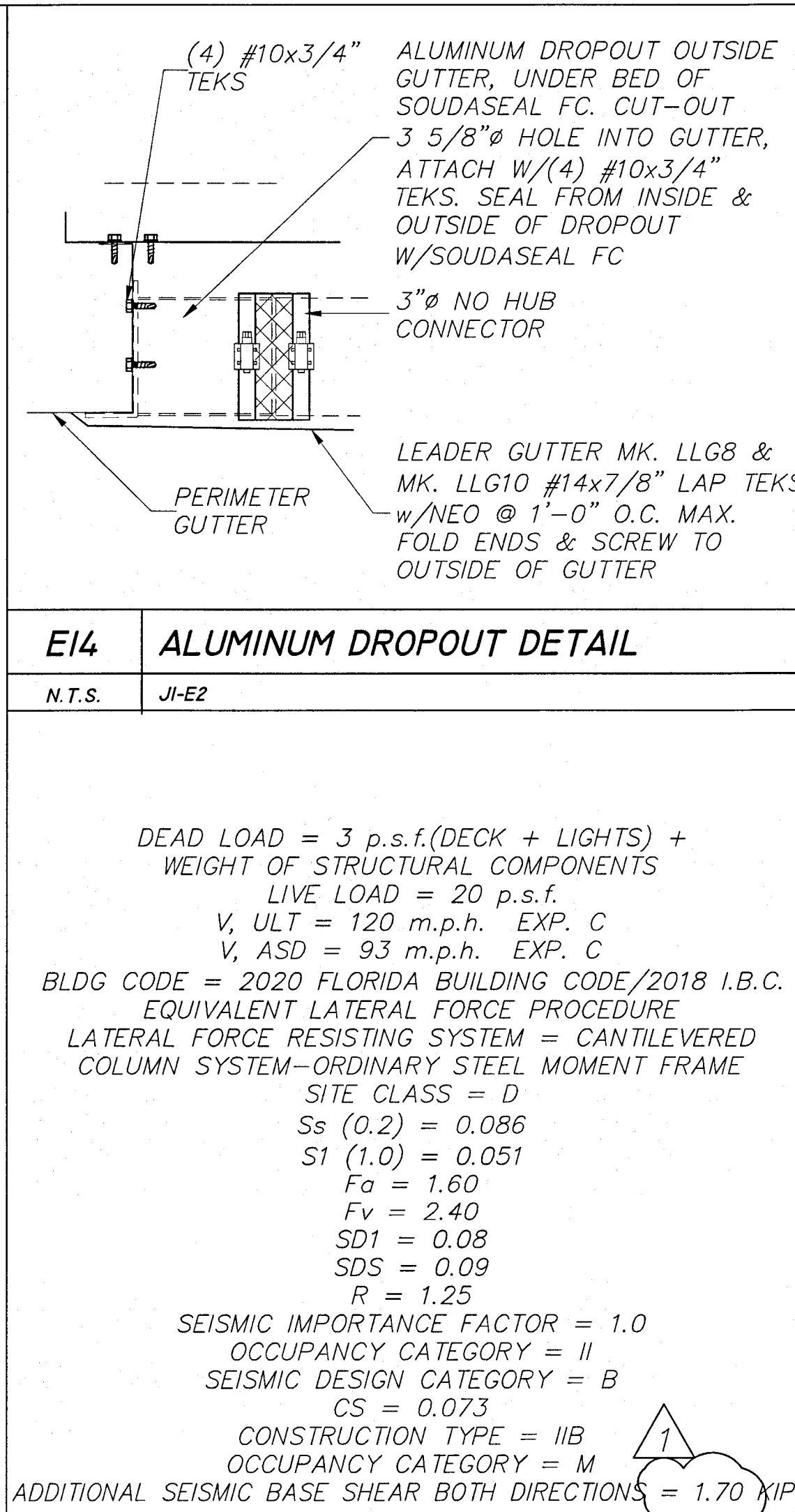
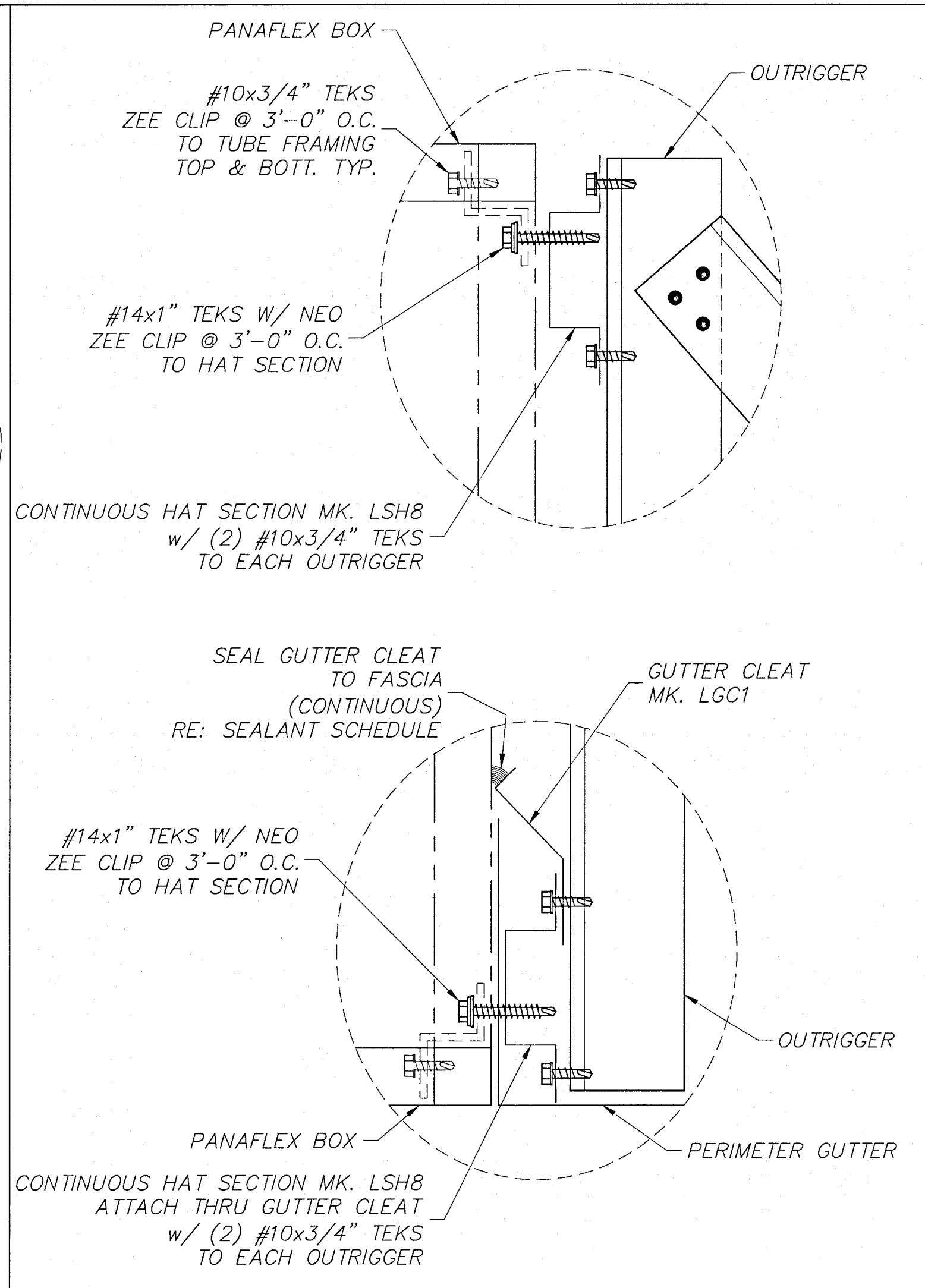
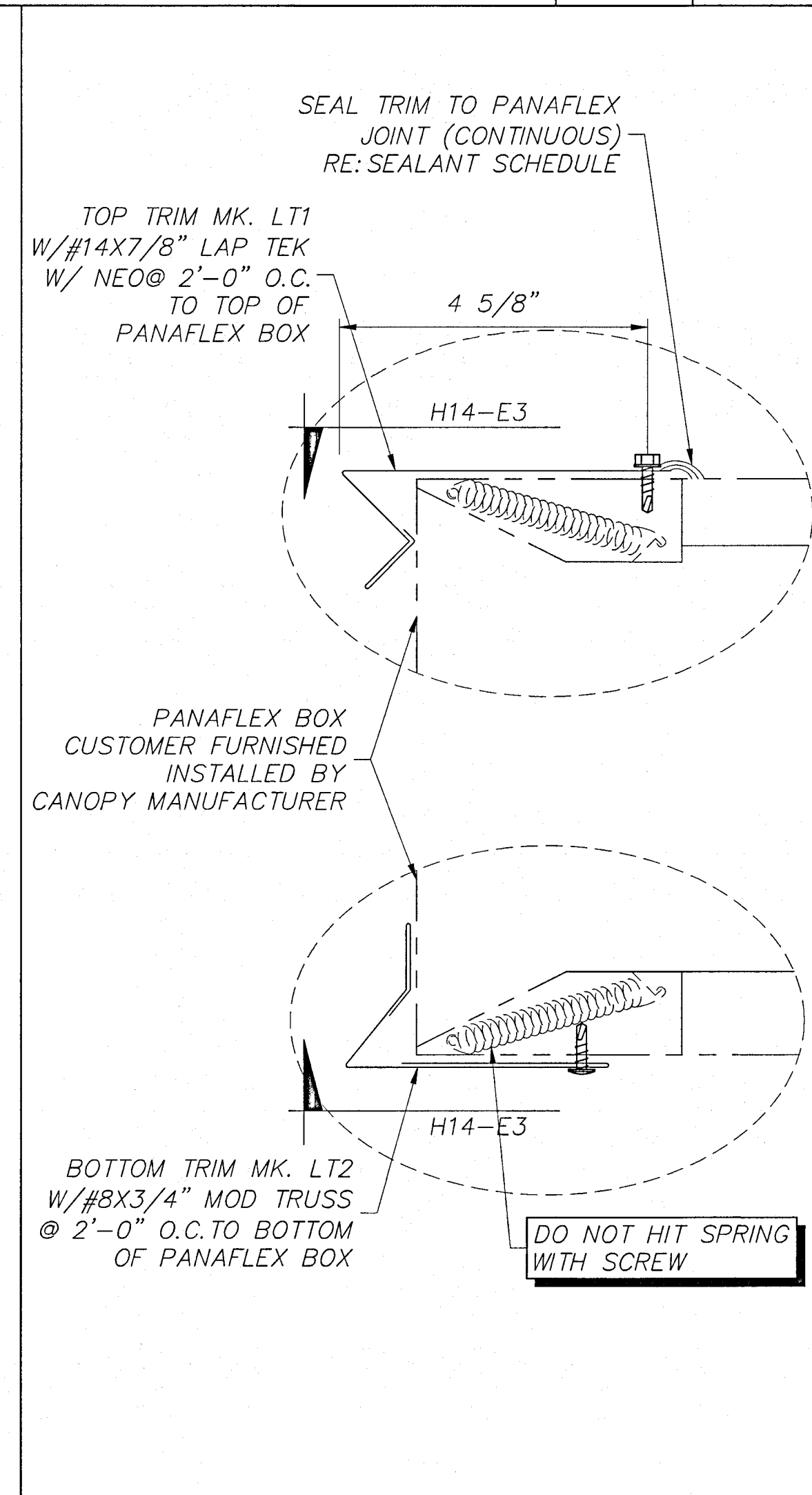
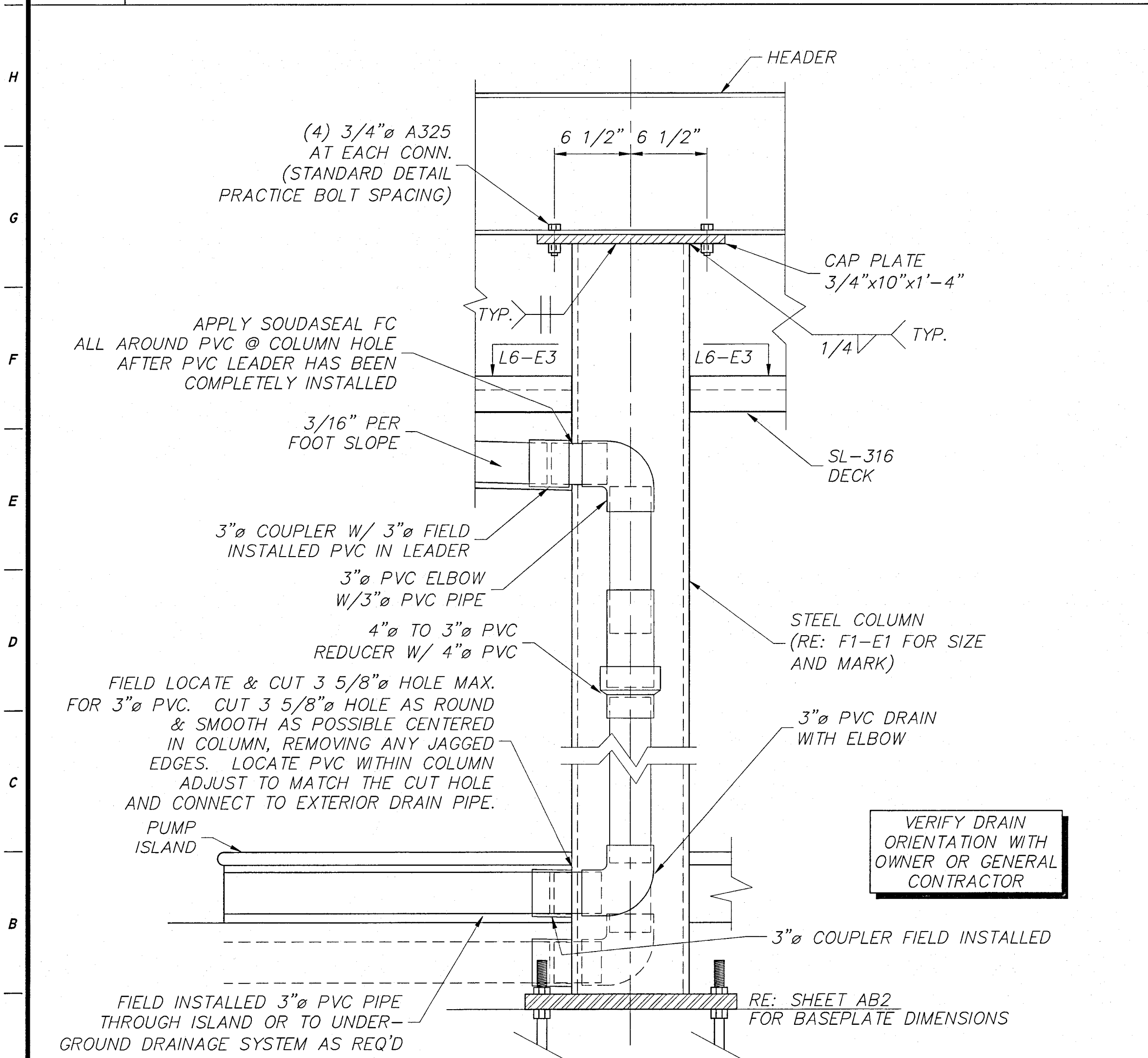
LOVE'S COUNTRY STORES
LOVE'S #724 GAS
13700 U.S. HIGHWAY 441
LAKE CITY, FL
43'-0" X 38'-0" CANOPY ADDITION

SHEET TITLE
ABI OF 2



JI FASCIA SECTION
N.T.S. FI-EI

J9 FASCIA SECTION
N.T.S. FI-EI



AI COLUMN SECTION
N.T.S. FI-EI

A7 DETAILS AT PANAFLEX
N.T.S. JI-E2, J9-E2

A10 DETAILS AT PANAFLEX
N.T.S. JI-E2, J9-E2

EI4 DESIGN LOADS
N.T.S.

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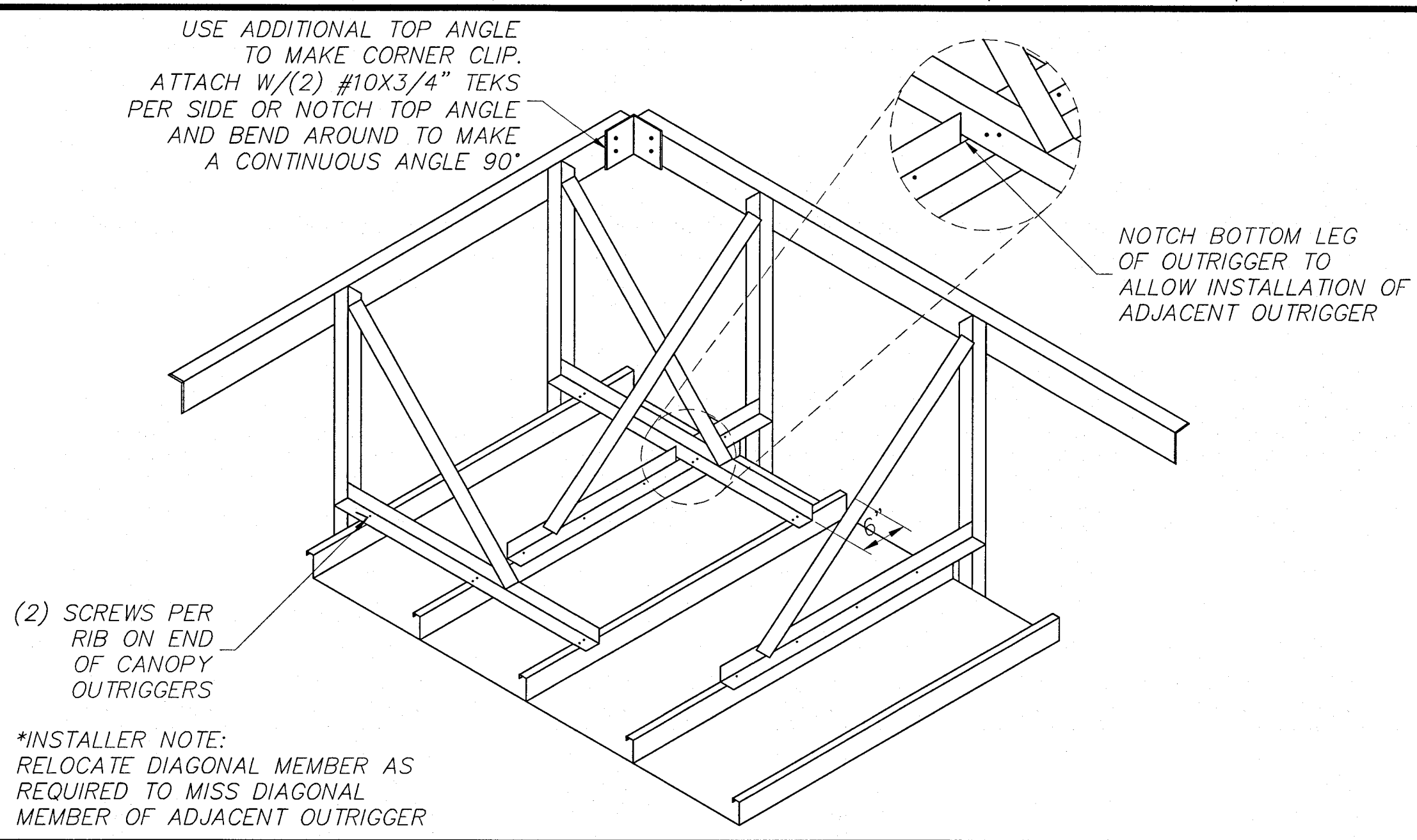
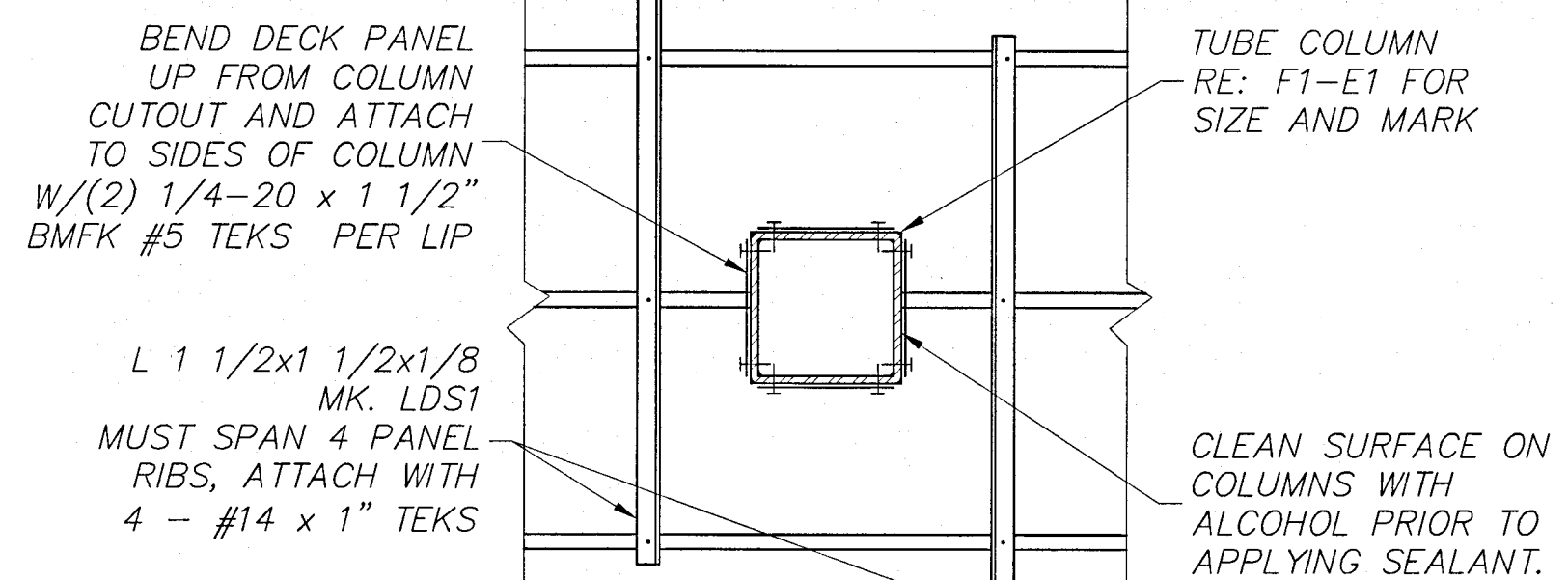
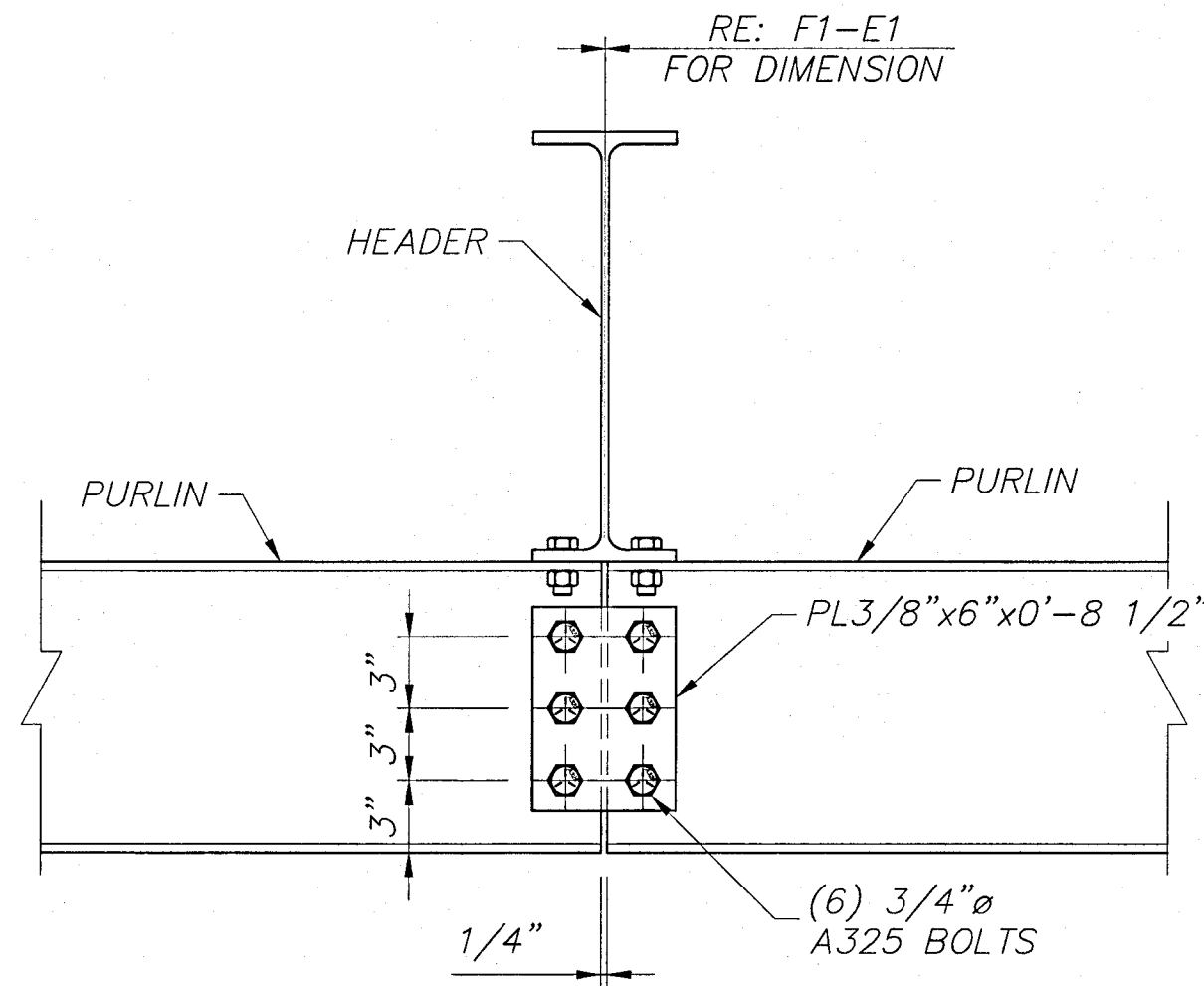
SEAL
JOHN J. COX
LICENSE
No. 89742
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAN 17 2024

NO.	DATE	REVISIONS	CANOPY OVERALL LENGTH	DRAWN	CHK'D
1	1/16/24			NP	

LSC: 73192
DRAWN BY: NP
CHECKED BY:
DATE: 9/6/22

LOVE'S COUNTRY STORES
LOVE'S #724 GAS
13700 U.S. HIGHWAY 441
LAKE CITY, FL
4.3'-0" X 38'-0" CANOPY ADDITION

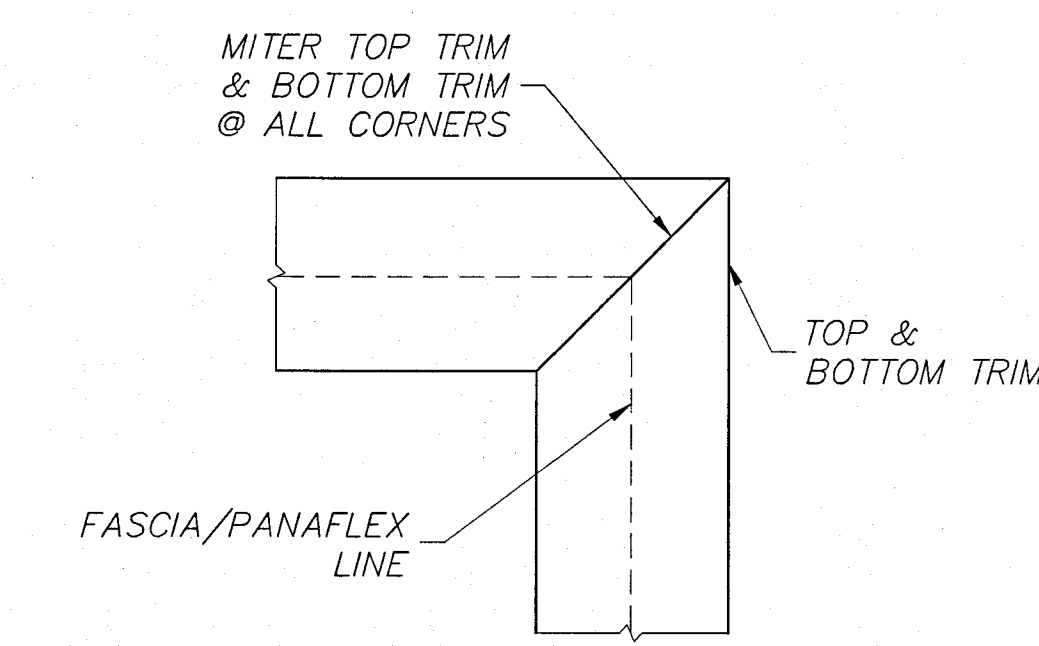
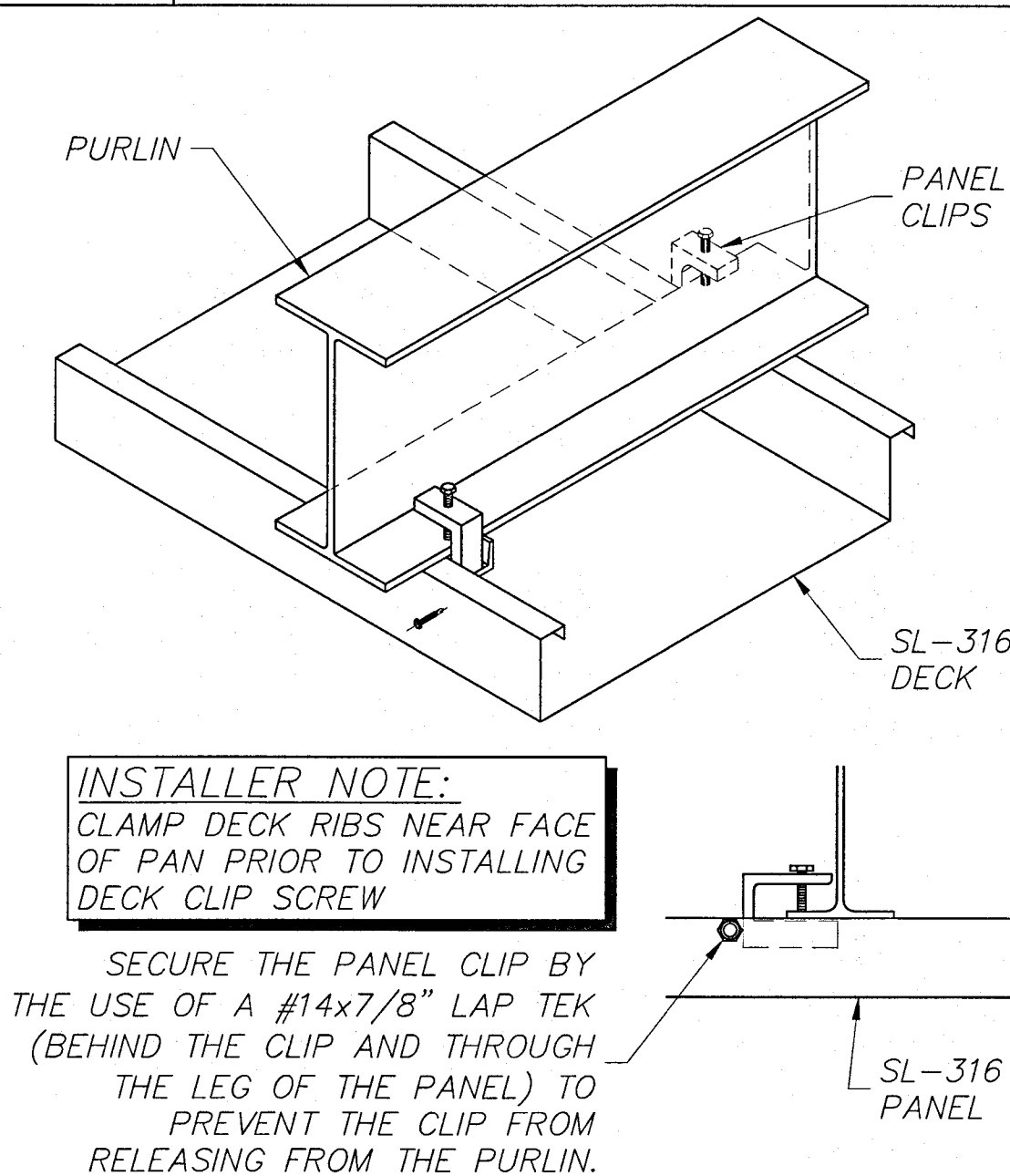
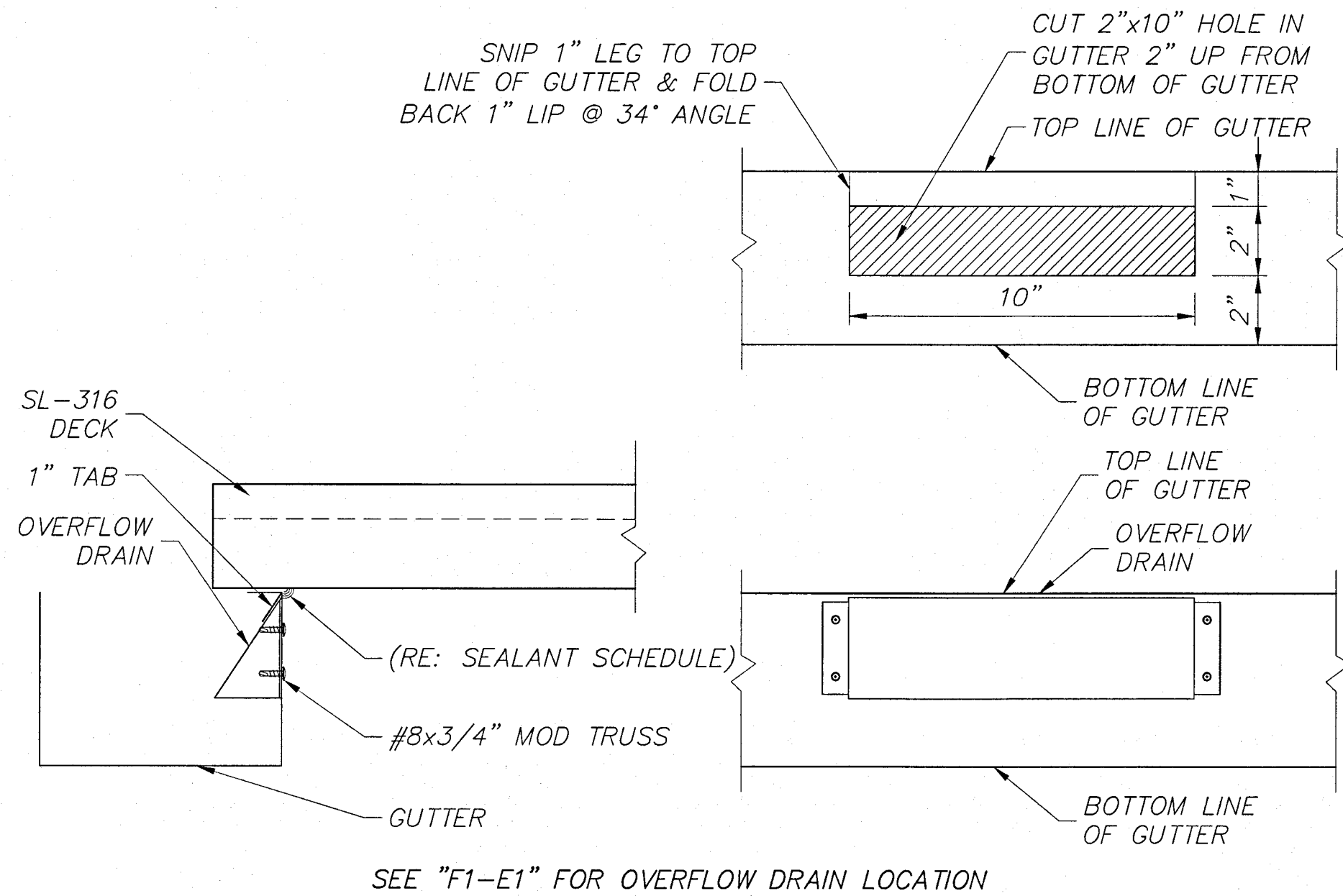
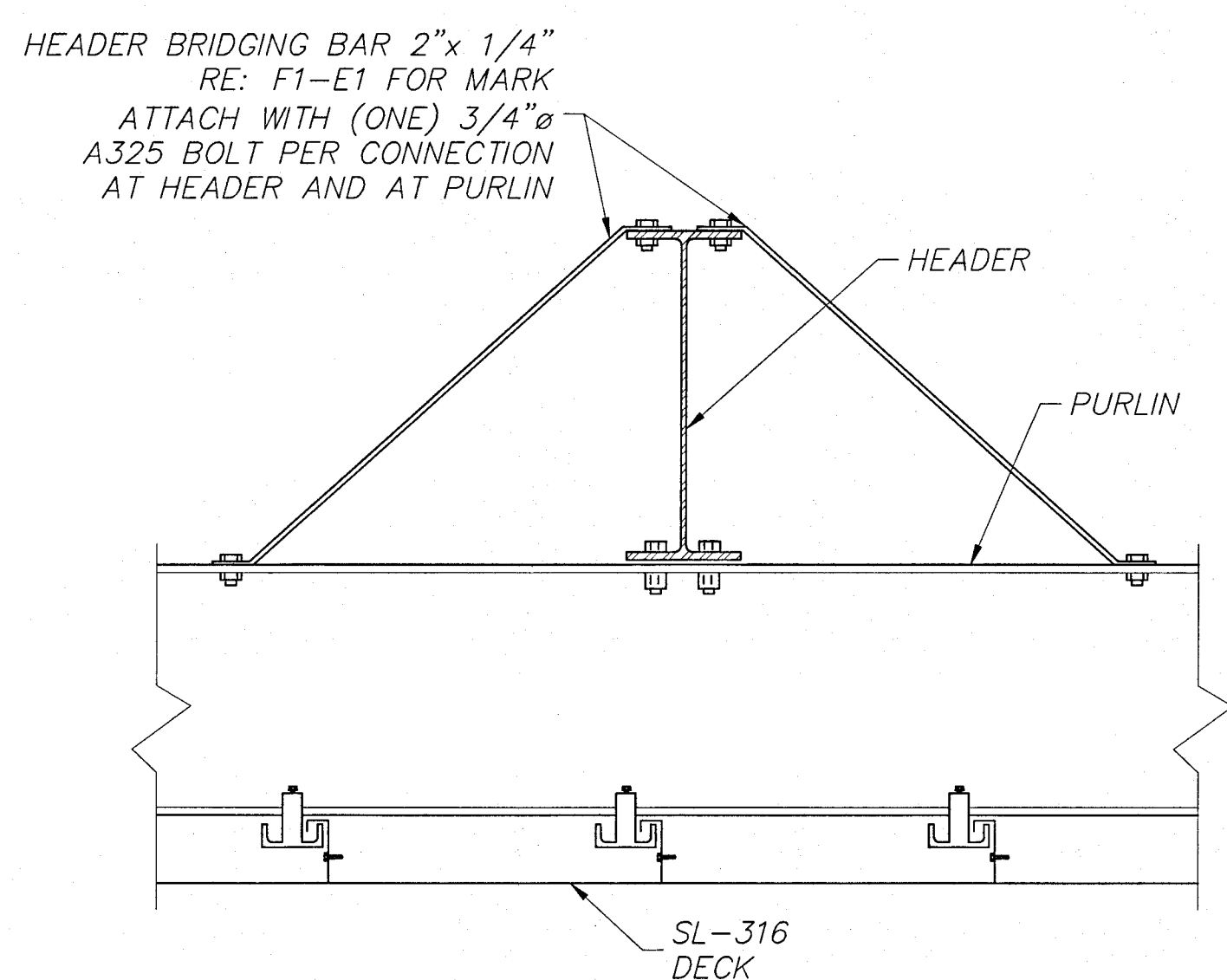
SHEET TITLE
E2 OF 3



LI SECTION AT PURLIN SPLICE
N.T.S. FI-EI

L6 DETAIL AT DECK SUPPORT
N.T.S. AI-E2

LII DETAIL AT CORNER OUTRIGGER
N.T.S. FI-EI

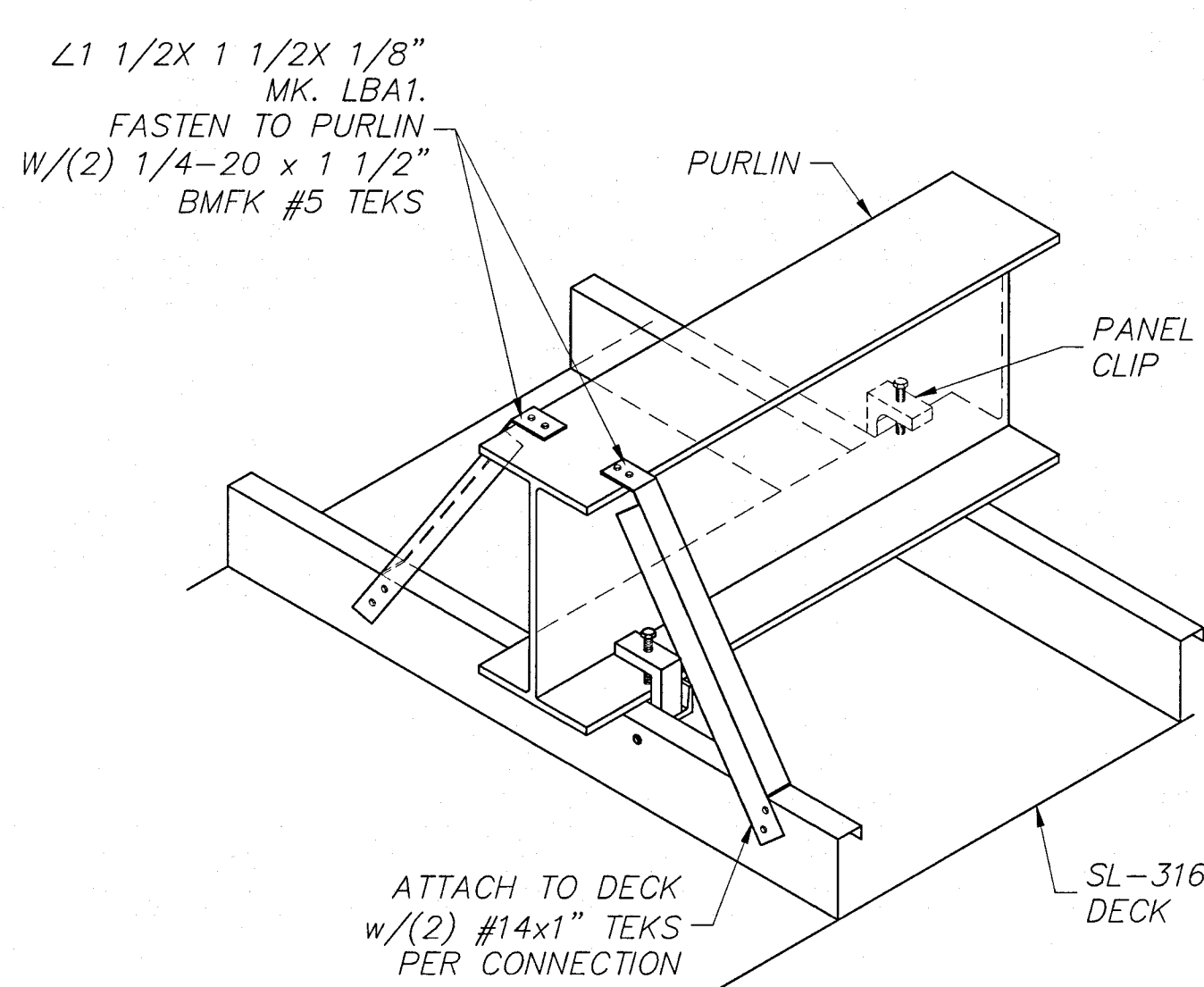


FI SECTION AT HEADER BRIDGING
N.T.S. FI-EI

F6 SECTION AT OVER FLOW DRAIN
N.T.S. FI-EI

FII DETAIL AT DECK CLIP
N.T.S. JI-E2

FI4 NOT USED
N.T.S.



DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) +
WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 p.s.f.
V, ULT = 120 m.p.h. EXP. C
V, ASD = 93 m.p.h. EXP. C
BLDG CODE = 2020 FLORIDA BUILDING CODE/2018 I.B.C.
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM = CANTILEVERED
COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME
SITE CLASS = D
Ss (0.2) = 0.086
S1 (1.0) = 0.051
Fa = 1.60
Fv = 2.40
SD1 = 0.08
SDS = 0.09
R = 1.25
SEISMIC IMPORTANCE FACTOR = 1.0
OCCUPANCY CATEGORY = II
SEISMIC DESIGN CATEGORY = B
CS = 0.073
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
ADDITIONAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 1.70 KIPS

AI SECTION AT PURLIN BRIDGING
N.T.S. FI-EI

A6 NOT USED
N.T.S.

AII NOT USED
N.T.S.

AI4 DESIGN LOADS
N.T.S.

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NP			1/16/24		

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E3 OF 3