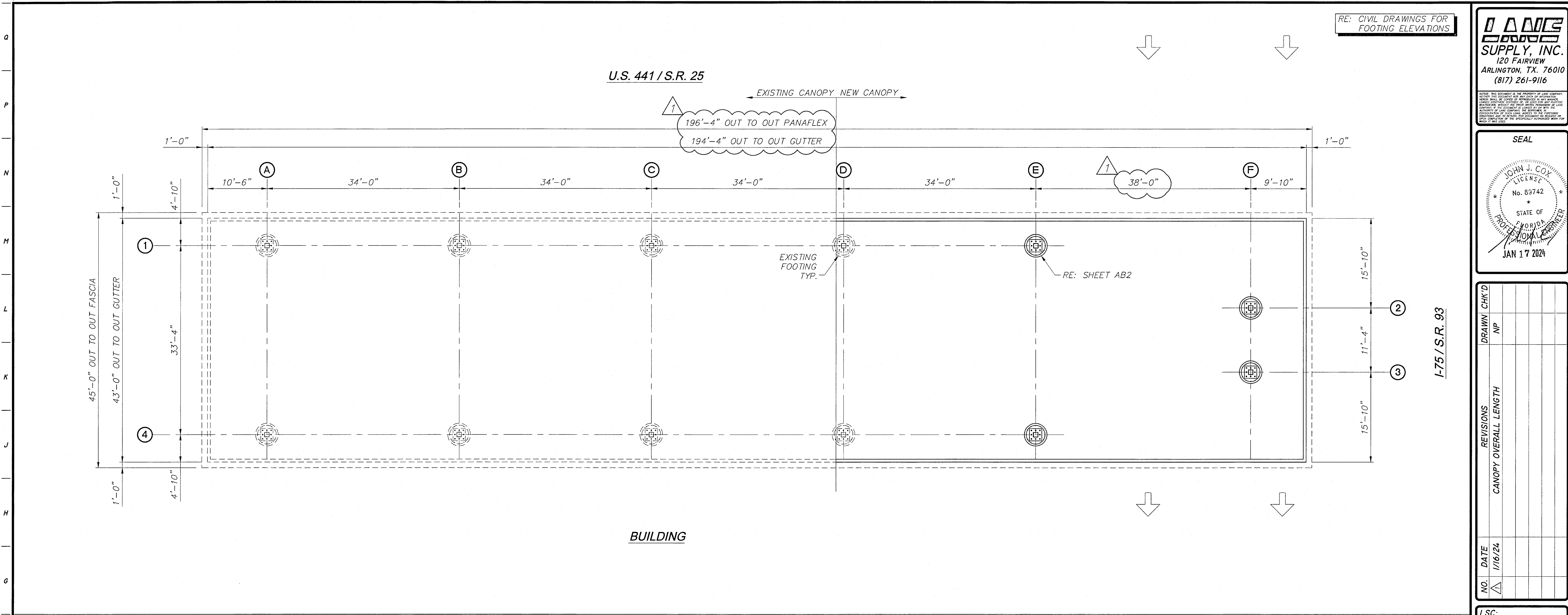




FI COLUMN AND FOOTING LOCATIONS		NORTH	
N.T.S.			
AI	FOOTING NOTES	A5	GENERAL NOTES
A9	NOT USED	A14	DESIGN LOADS
N.T.S.			

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.

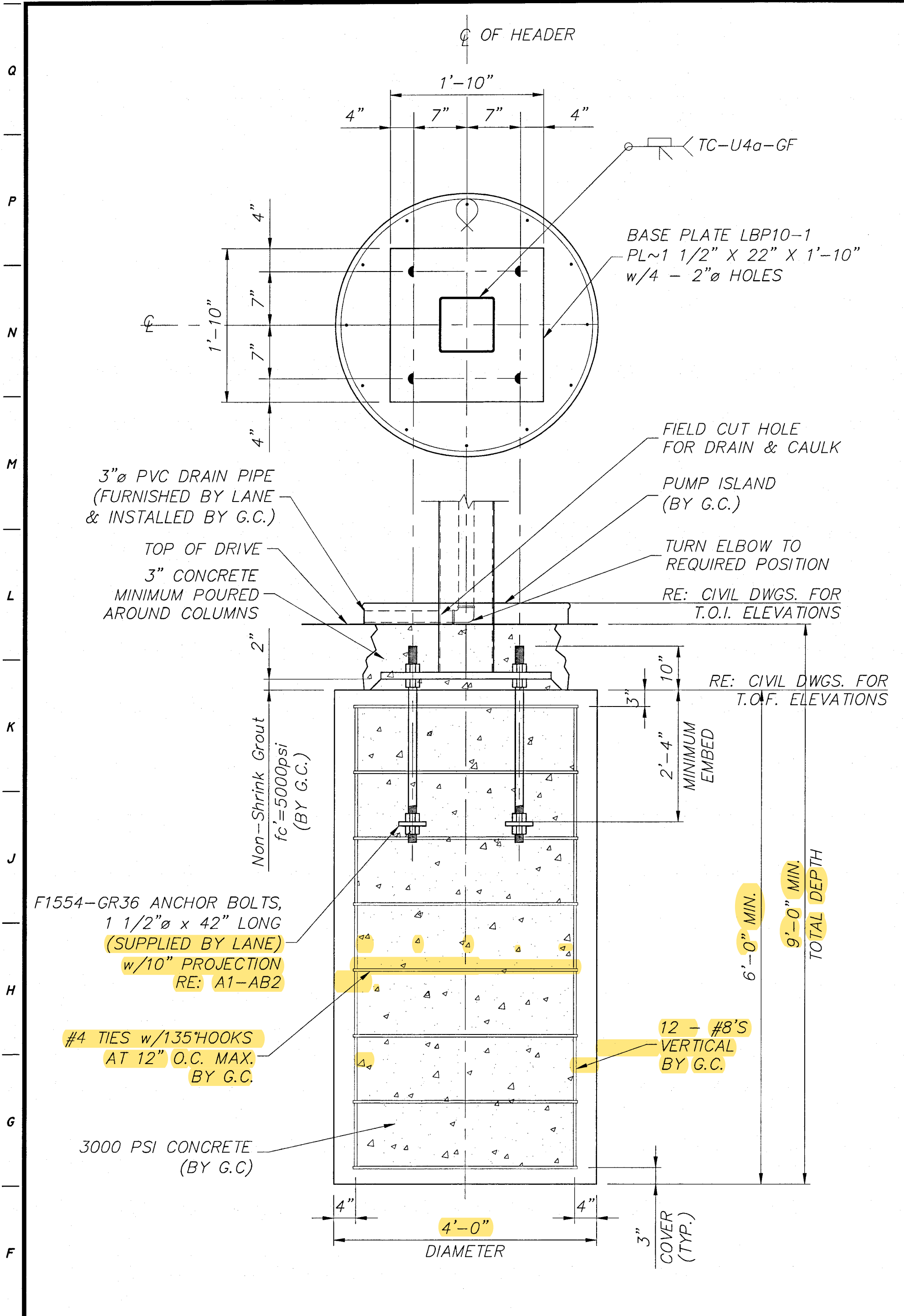
5. AFTER THE FORMS HAVE BEEN REMOVED, ALL TRENCHES, HOLES AND UNEVEN SITE CONDITIONS MUST BE LEVELED TO INSURE A SAFE WORKING AND ACCESS AREA ACCEPTABLE TO LOCAL, STATE, FEDERAL AND OSHA AGENCIES.

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

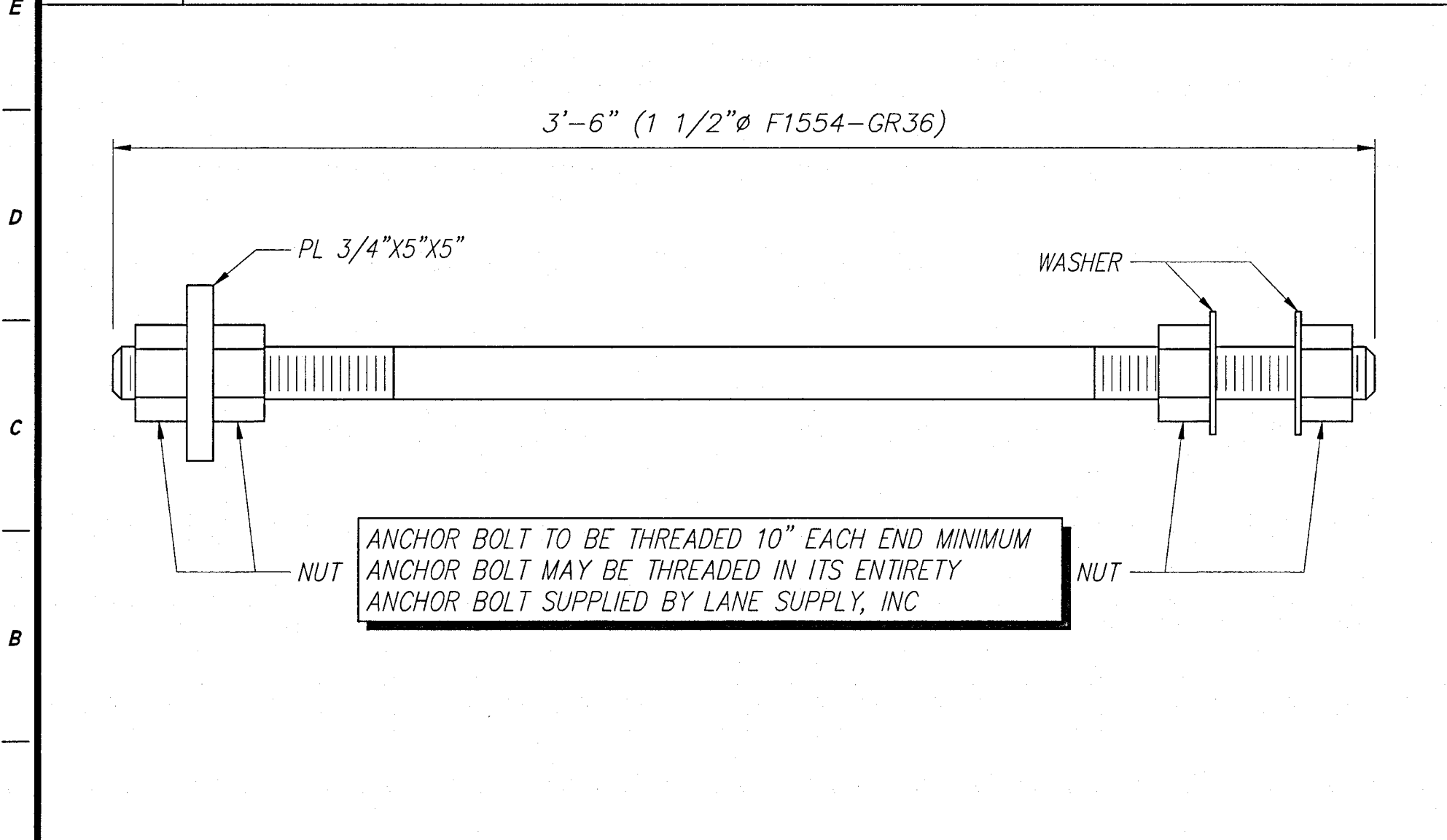
Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

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



EI	ROUND FOOTING OPTION
N.T.S.	FI-EI



AI	ANCHOR BOLT DETAIL
N.T.S.	EI-AB2

E6	NOT USED
N.T.S.	

NOTE:
CONSTRUCTION MANAGER TO DETERMINE FOUNDATION TYPE.
FOUNDATION DESIGN BASED ON GEOTECHNICAL SOILS REPORT
PREPARED BY: TERRACON CONSULTANTS INC.
TERRACON PROJECT NO. EQ165133
DATED: JANUARY 10, 2017
RE: SITE CIVIL DRAWINGS FOR SPECIFIC SOIL PREPARATION

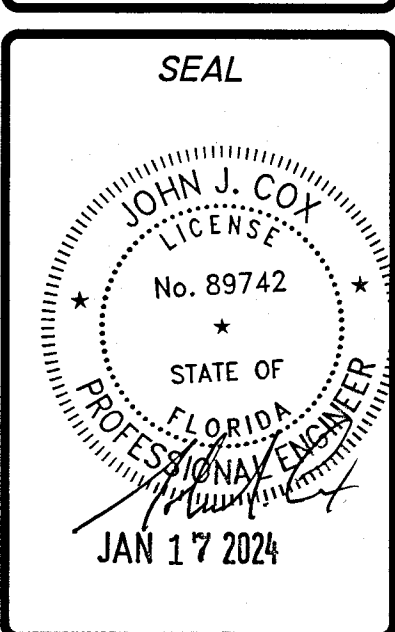
A6	GEOTECHNICAL SOILS REPORT
N.T.S.	

EII	NOT USED
N.T.S.	

DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) +
WEIGHT OF STRUCTURAL COMPONENTS
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V, ASD = 93 m.p.h. EXP. C
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SEISMIC DESIGN CATEGORY = B
CS = 0.073
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
ADDITIONAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 1.70 KIPS

AI4	DESIGN LOADS
N.T.S.	

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



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

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

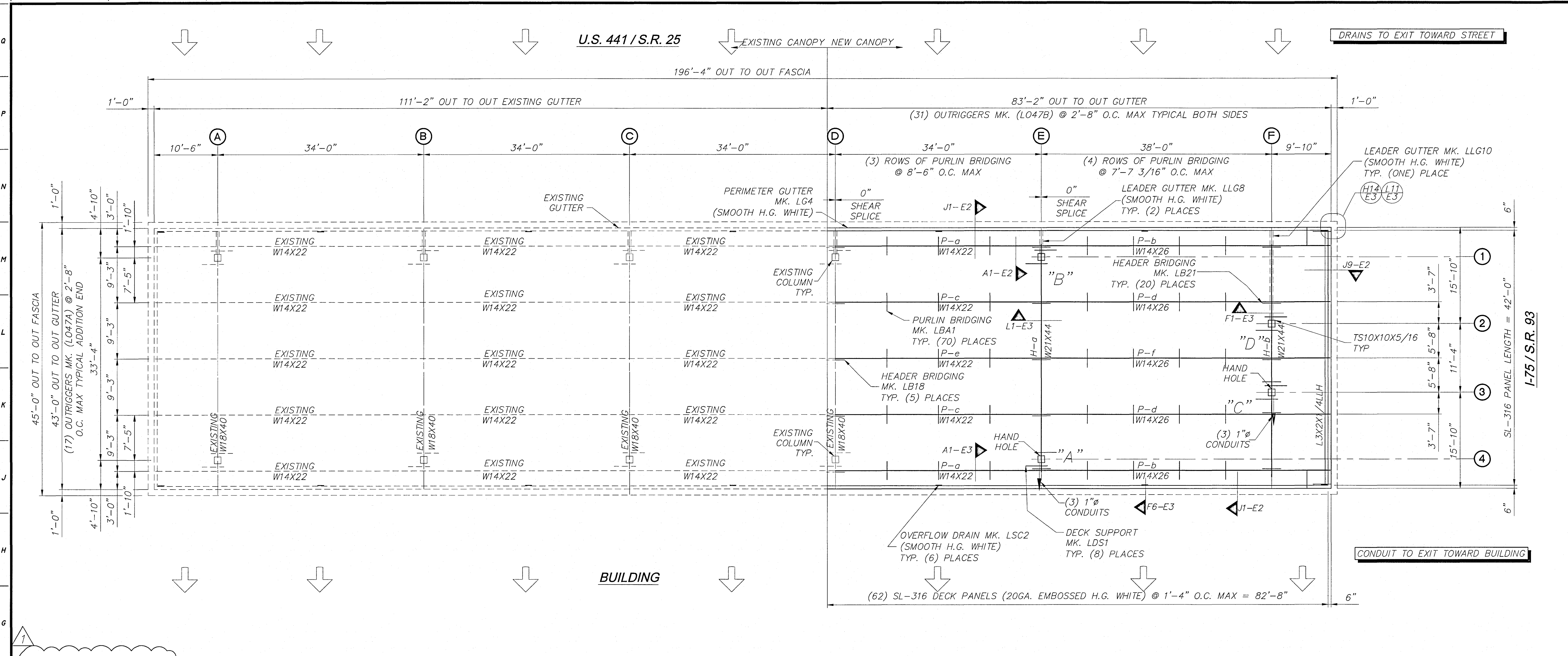
SHEET TITLE
AB2 OF 2

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

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
EI OF 3



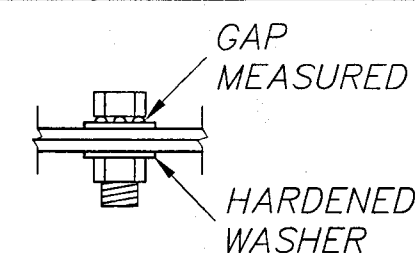
FI CANOPY LAYOUT

STRUCTURAL STEEL SHALL MEET THE AISC 2017 SPECIFICATION 15TH EDITION AND THE AISC CODE OF STANDARD PRACTICE, CURRENT VERSION
COLUMNS TO BE ASTM A500, GRADE B
BOLTS TO BE ASTM A325 OR ASTM F1852 (A325-TC)
INSTALLATION OF BOLTS MUST CONSIST OF ONE OF THE FOLLOWING:
1. TURN OF THE NUT METHOD:
A.) BOLTS SHALL BE BROUGHT TO A SNUG TIGHT CONDITION-DEFINED AS THE CONDITION THAT EXISTS WHEN ALL OF THE PLIES IN A CONNECTION HAVE BEEN PULLED INTO FIRM CONTACT BY THE BOLTS IN THE JOINT AND ALL OF THE BOLTS IN THE JOINT HAVE BEEN TIGHTENED SUFFICIENTLY TO PREVENT THE REMOVAL OF THE NUTS WITHOUT THE USE OF A WRENCH.
B.) MARK NUT AND WASHER THEN TURN NUT AS FOLLOWS:
UP TO 3 IN. LENGTH = 1/3 TURN
UP TO 6 IN. LENGTH = 1/2 TURN
2. LOAD INDICATING WASHER:
A.) SEE DETAIL COMPRESSION WASHER SPECIFICATION
3. TWIST-OFF BOLTS:
A.) ALL BOLTS SHALL HAVE A HARDENED WASHER UNDER THE NUT
B.) ALL BOLTS IN THE ASSEMBLY SHALL BE BROUGHT TO THE SNUG TIGHT CONDITION PRIOR TO TWISTING OFF SPLINE(S).
C.) ALL BOLTS IN THE JOINT SHALL BE PRETENSIONED WITH THE TWIST-OFF-TYPE TENSION-CONTROL BOLT INSTALLATION WRENCH SEVERING THE SPLINE
WIDE FLANGE BEAMS TO BE ASTM A992
ANGLES, & PLATES TO BE ASTM A36
REINFORCING STEEL TO BE ASTM 615, GRADE 60
DECK PANELS TO BE ASTM 653, GRADE C MINIMUM
WELD FILLER METALS SHALL MEET THE MINIMUM CHARPY V-NOTCH REQUIREMENT OF 20 FT-LB AT 0°F WELDING SHALL MEET THE REQUIREMENTS OF THE AWS FOR BUILDING CONSTRUCTION USING E70XX ELECTRODES
ALL STRUCTURAL STEEL TO BE PAINTED WITH ONE SHOP COAT PRIMER
CANOPY FABRICATOR SHALL BE AISC CERTIFIED
LANE SUPPLY INC. IS AN AISC CERTIFIED FABRICATOR (AISC C-00020463)

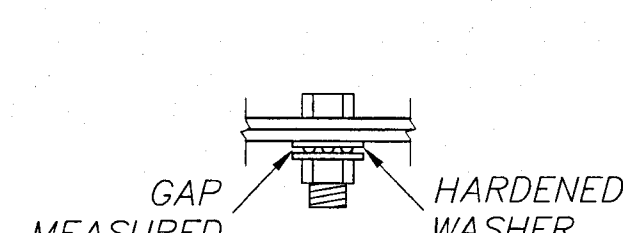
- REFERENCE SEALANT SCHEDULE FOR ALL APPLICATIONS
- SEAL ALL JOINTS WITH A SMOOTH, CLEAN APPLICATION
- APPLY SOUDASEAL FC CAULK AROUND THE COLUMNS ON THE TOP SIDE AFTER ALCOHOL PREP OF THE COLUMN & BOTTOM SIDE HAS BEEN CAULKED.
- DECK PANELS AND TRIM WILL BE WIPED CLEAN AFTER INSTALLATION
- ALL TRASH AND EXTRA MATERIALS WILL BE HAULED OFF JOBSITE
- CHECK WITH GENERAL CONTRACTOR FOR DRAIN ORIENTATION
- TAKE DOWN/HAUL OFF 141 L.F. FRAMING, GUTTER AND (34) DECK PANS TO ALLOW FOR ADDITION & MODIFICATIONS.
- TAKE DOWN/REUSE (ONE) 38' HEADER & (5) 45' PURLINS OVER NEW 34' BAY.
- FURN/INSTALL (4) NEW COLUMNS, (ONE) HEADER, (5) NEW PURLINS & REINSTALL EXISTING 38' HEADER & (5) 45' MODIFIED PURLINS ABOVE NEW 34' BAY.
- FURN/INSTALL (3) 1"Ø CONDUITS IN COLUMN "A" & "C". (SEE CUSTOMER DRAWINGS)
- INSTALL NEW DECK, GUTTER & FRAMING FOR NEW ADDITION.
- INSTALL APPROX. 38' OF NEW CUSTOMER FURNISHED LIT BOXES ON FRONT & REAR OF NEW ADDITION. REINSTALL 48' OF EXISTING LIT BOXES ON FRONT, REAR ELEVATION & ON 45' END ADDITION.
- INSTALL 196' OF NEW PANAFLEX GRAPHICS ON FRONT, REAR & 45' ON END ADDITION.
- FURN/INSTALL ONLY (15) LSI CRUS WHO LED CANOPY LIGHTS.
- FLORIDA CONTRACTOR'S LICENSE #CB C052997
- ** TOPS OF (2) COLUMN'S AT BUILDING SIDE TO BE 1" HIGHER THAN COLUMNS AT STREET SIDE
- **EXCLUDES: PAINTING OF COLUMNS, LOVE'S LIT FASCIA SYSTEM, ALL ELECTRICAL WORK ALL PERMITS, INSPECTIONS & ANY ITEMS NOT LISTED ABOVE.

SEALANT SCHEDULE	
SEALANT	APPLICATION
SOUDASEAL FC	GUTTER TO DECK, BOTH SIDES OF LEADER GUTTER
SOUDASEAL FC	TOP & BOTTOM COLUMN SEALANT @ DECK
SOUDASEAL FC	GUTTER JOINT, GUTTER CLEAT
SOUDASEAL FC	ALUMINUM DROPOUT, PVC TO COLUMN (T&B)
CONSTRUCT. GRADE CLEAR	TOP TRIM TO PANAFLEX

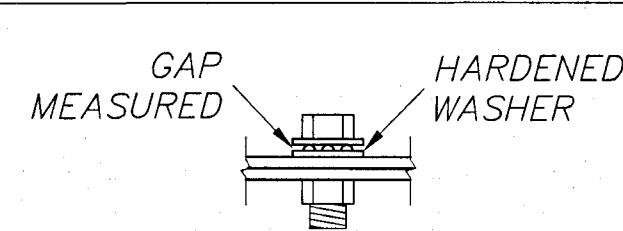
OPTION "A"
UNDER HEAD
TURN NUT
TO TIGHTEN



OPTION "B"
UNDER TURNED
ELEMENT
TURN NUT
TO TIGHTEN



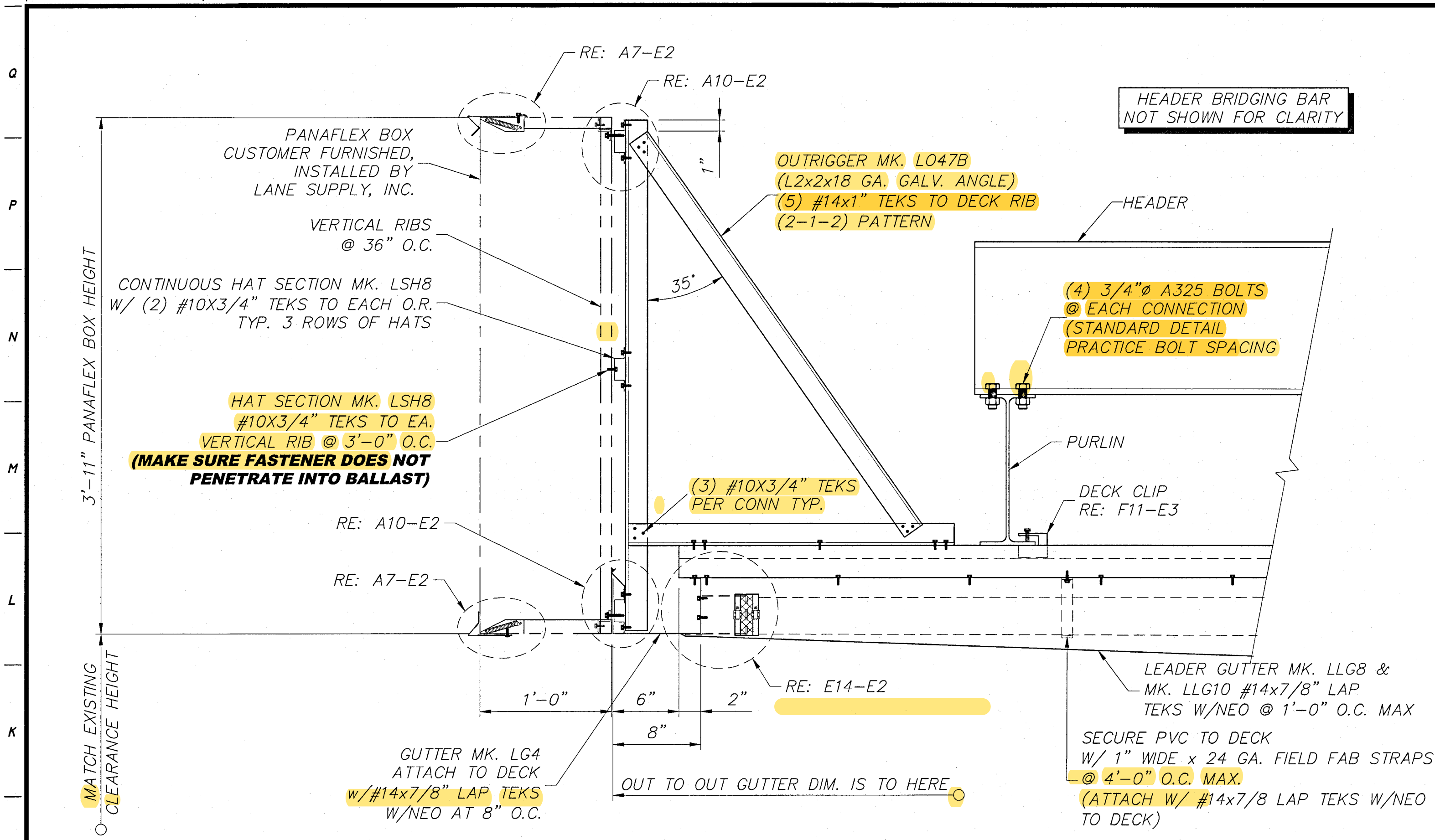
OPTION "C"
UNDER TURNED
ELEMENT
TURN HEAD
TO TIGHTEN



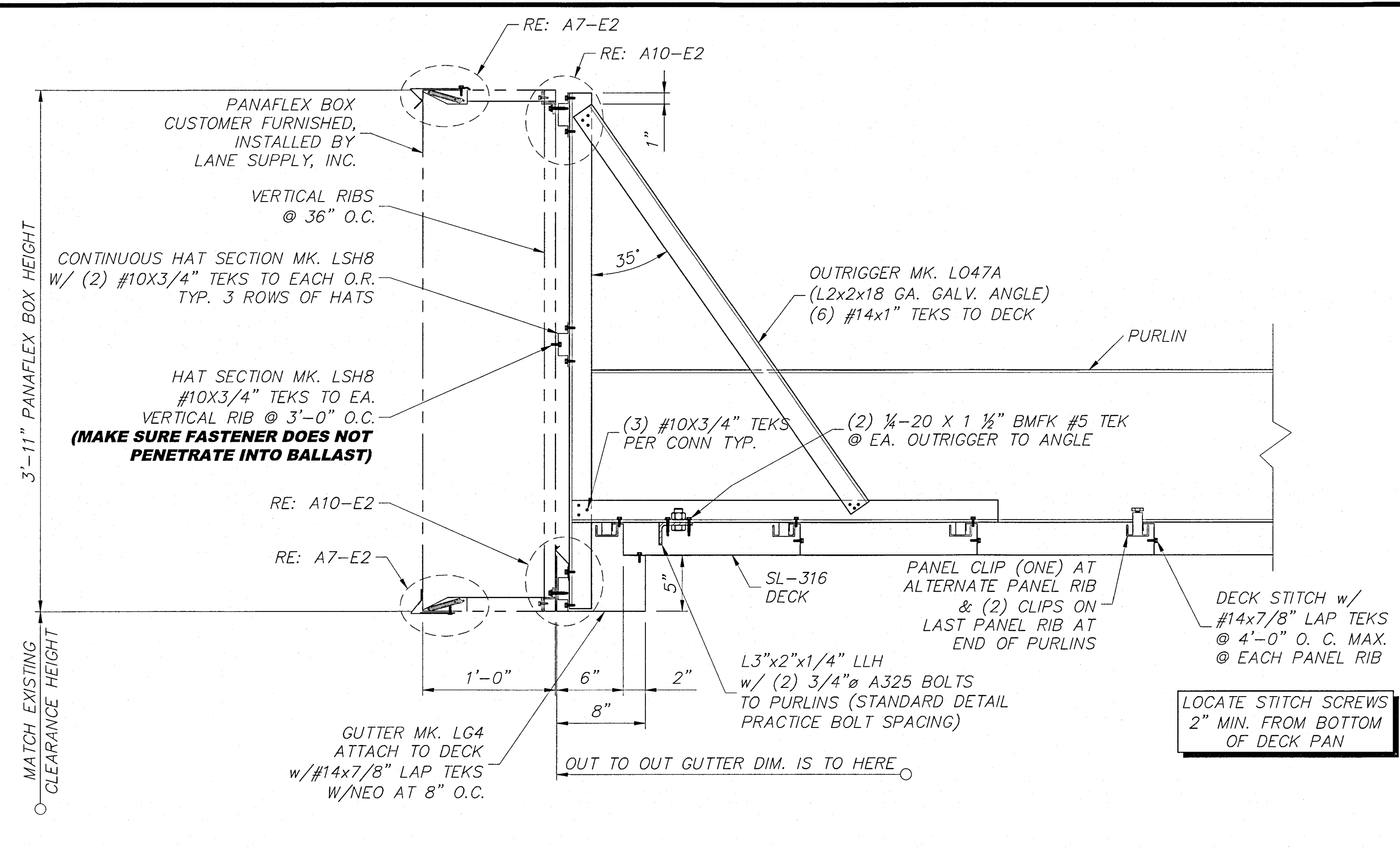
INSTALLATION NOTES: (FOR WASHERS WITH PLAIN FINISH)
1. FLAT FACE OF COMPRESSIBLE WASHER MUST BE PLACED AGAINST ASSEMBLED PARTS.
2. AFTER BOLTS ARE FULLY TIGHTENED, GAP MUST BE NO MORE THAN .015" FOR OPTION "A" & .005" FOR OPTIONS "B" AND "C".

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
St (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

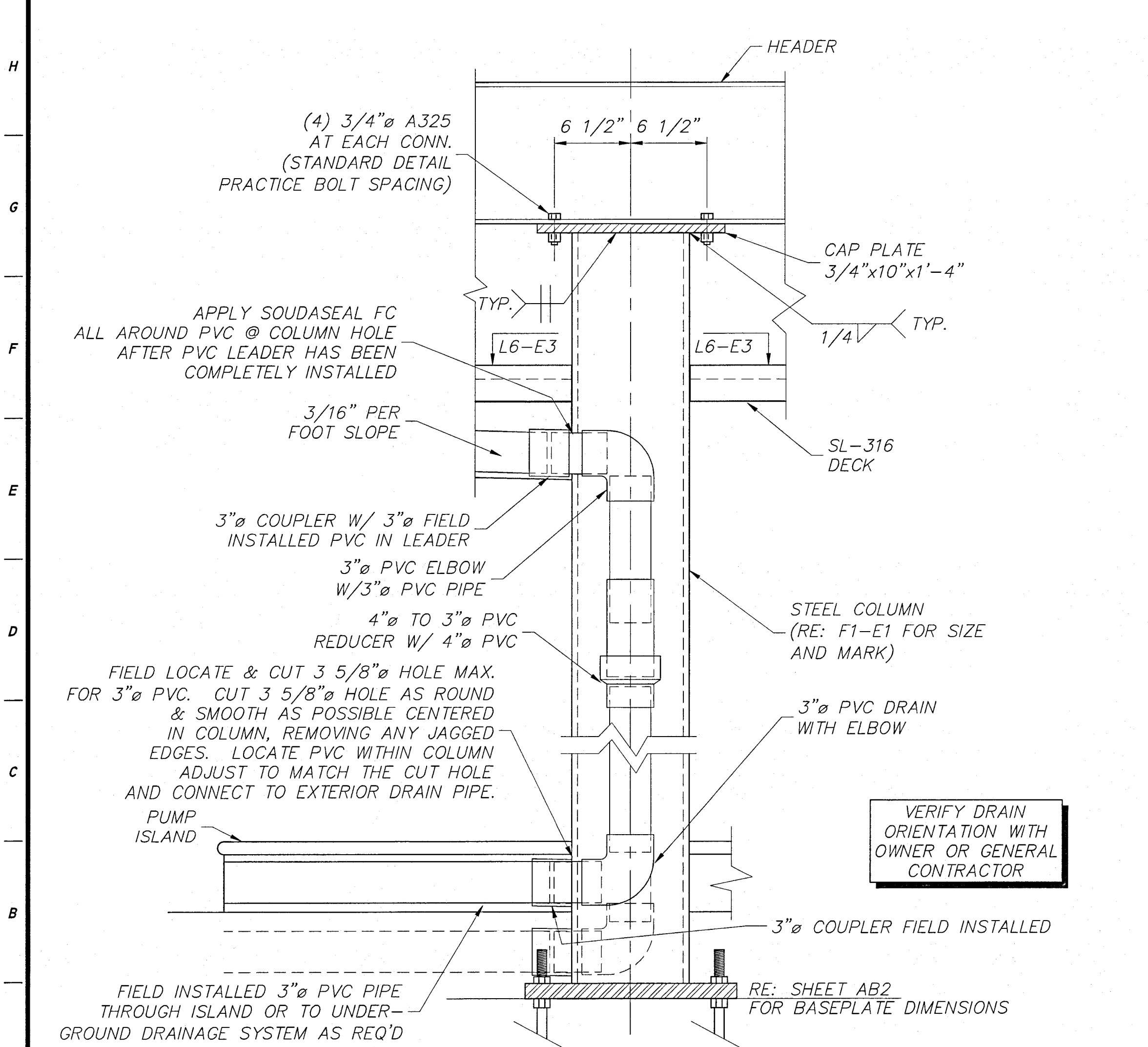
AI	GENERAL NOTES	A6	ERECTOR'S NOTES	AII	COMPRESSION WASHER SPECIFICATION	AIV	DESIGN LOADS
N.T.S.		N.T.S.		N.T.S.		N.T.S.	



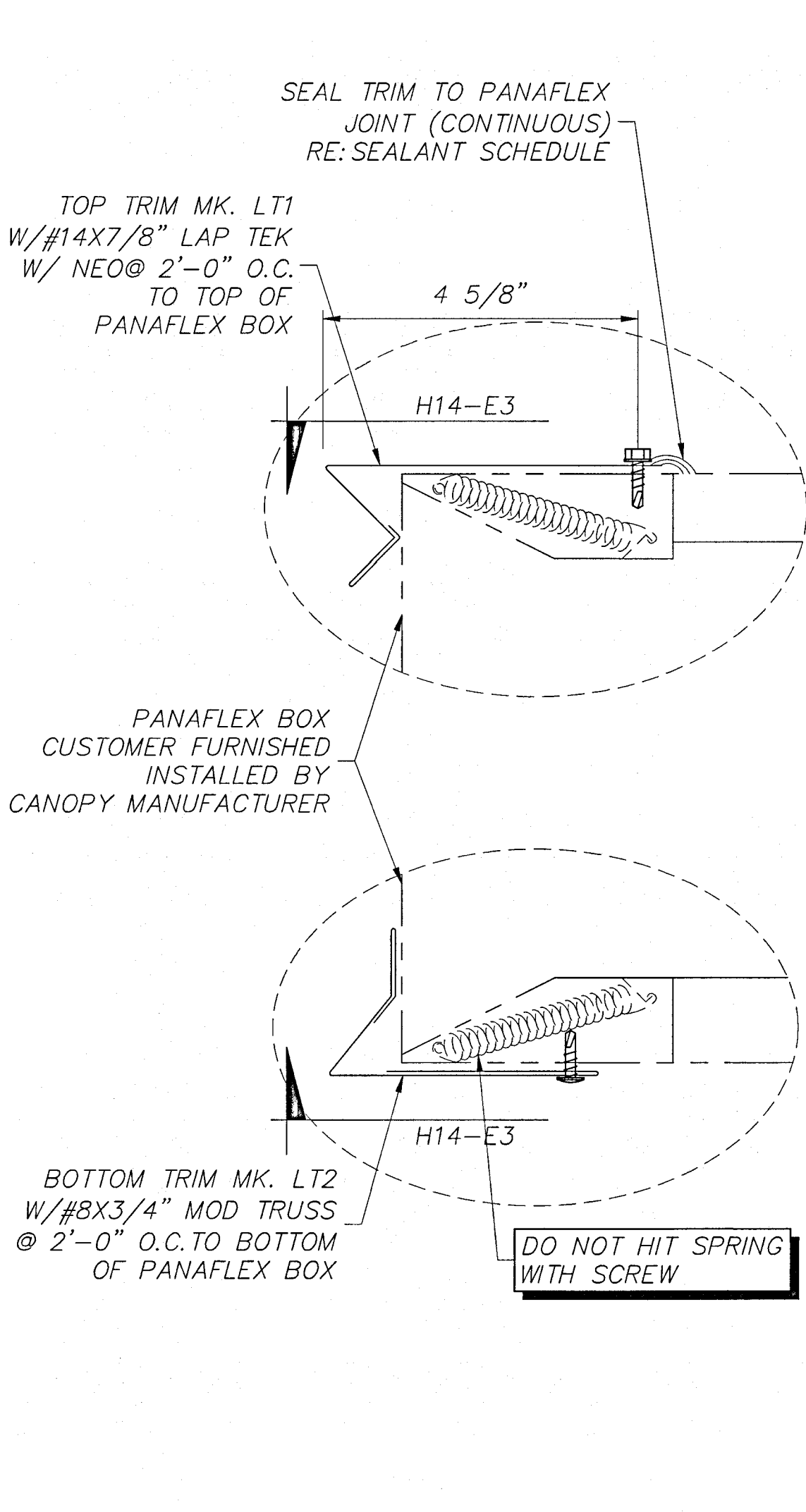
JI FASCIA SECTION
N.T.S. FI-EI



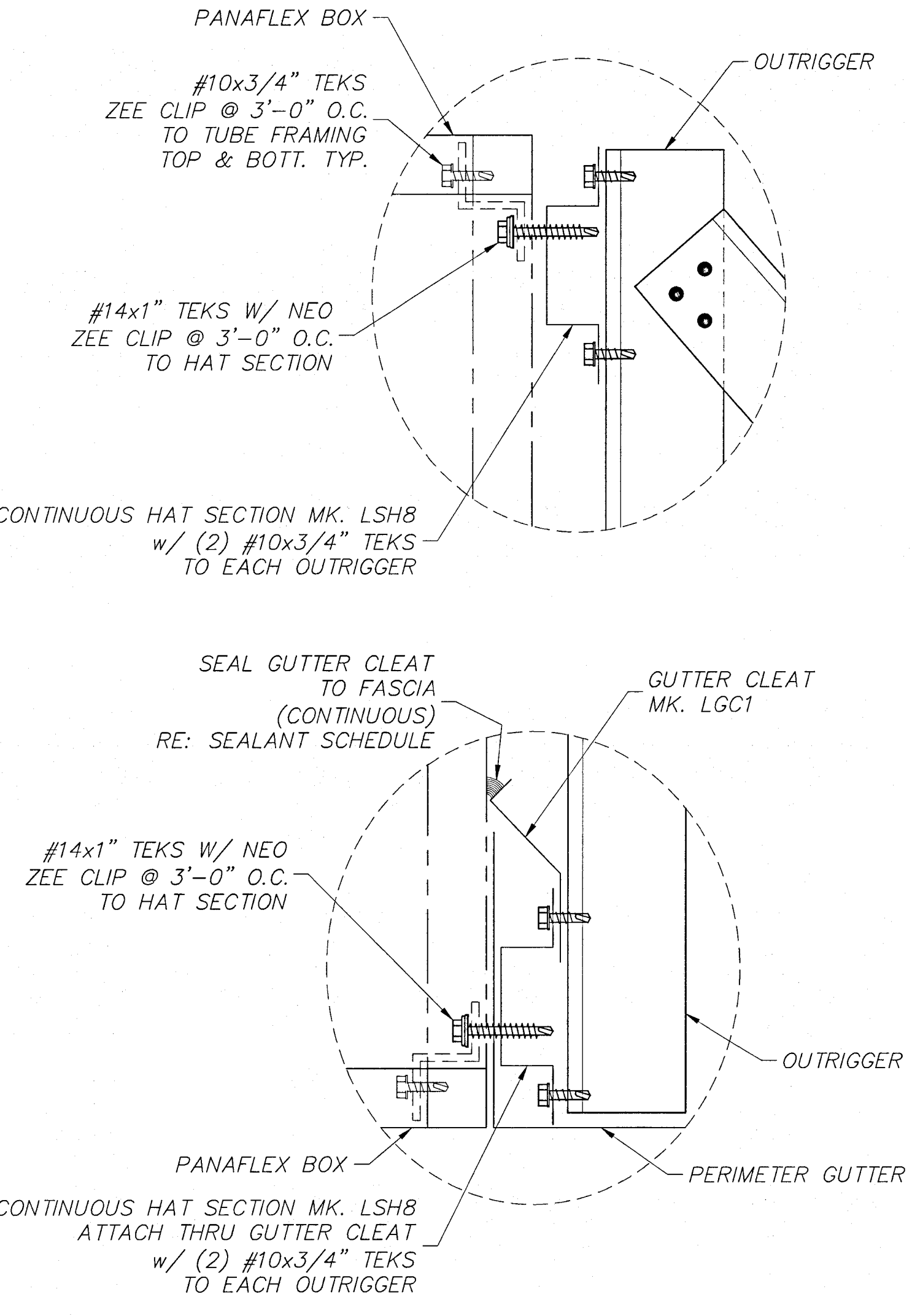
J9 FASCIA SECTION
N.T.S. FI-EI



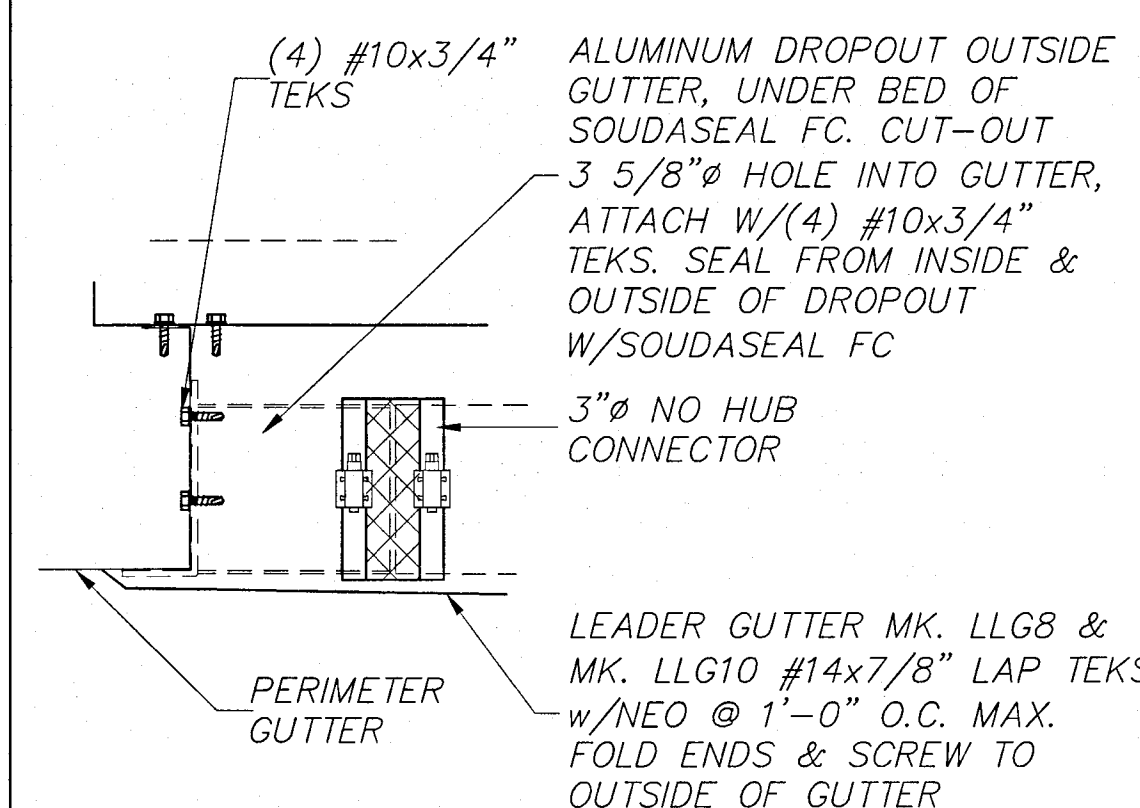
AI COLUMN SECTION
N.T.S. FI-EI



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



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



EI4 ALUMINUM DROPOUT DETAIL
N.T.S. JI-E2

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
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SEISMIC DESIGN CATEGORY = B
CS = 0.073
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
ADDITIONAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 1.70 KIPS

A14 DESIGN LOADS
N.T.S.

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

SEAL

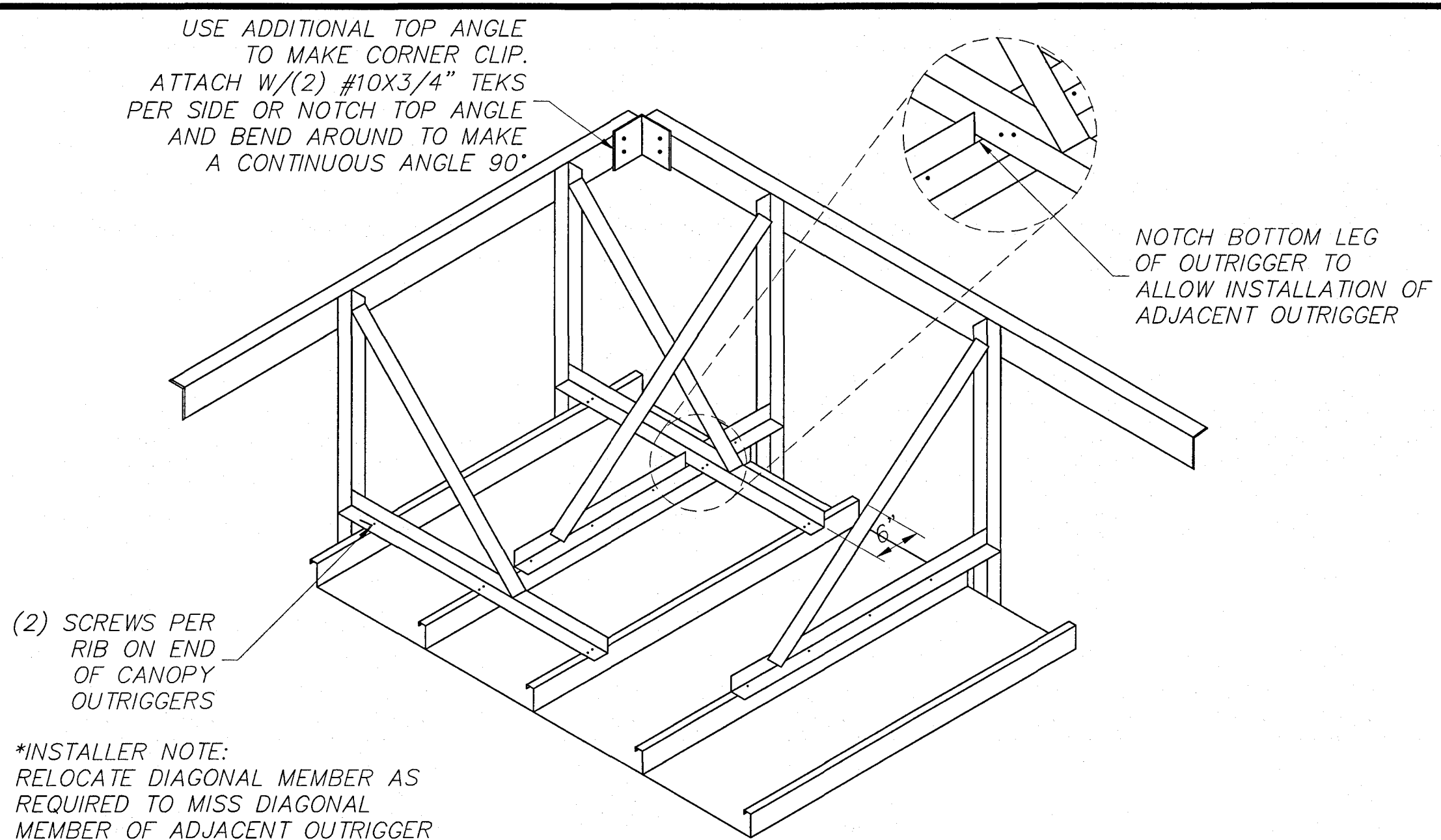
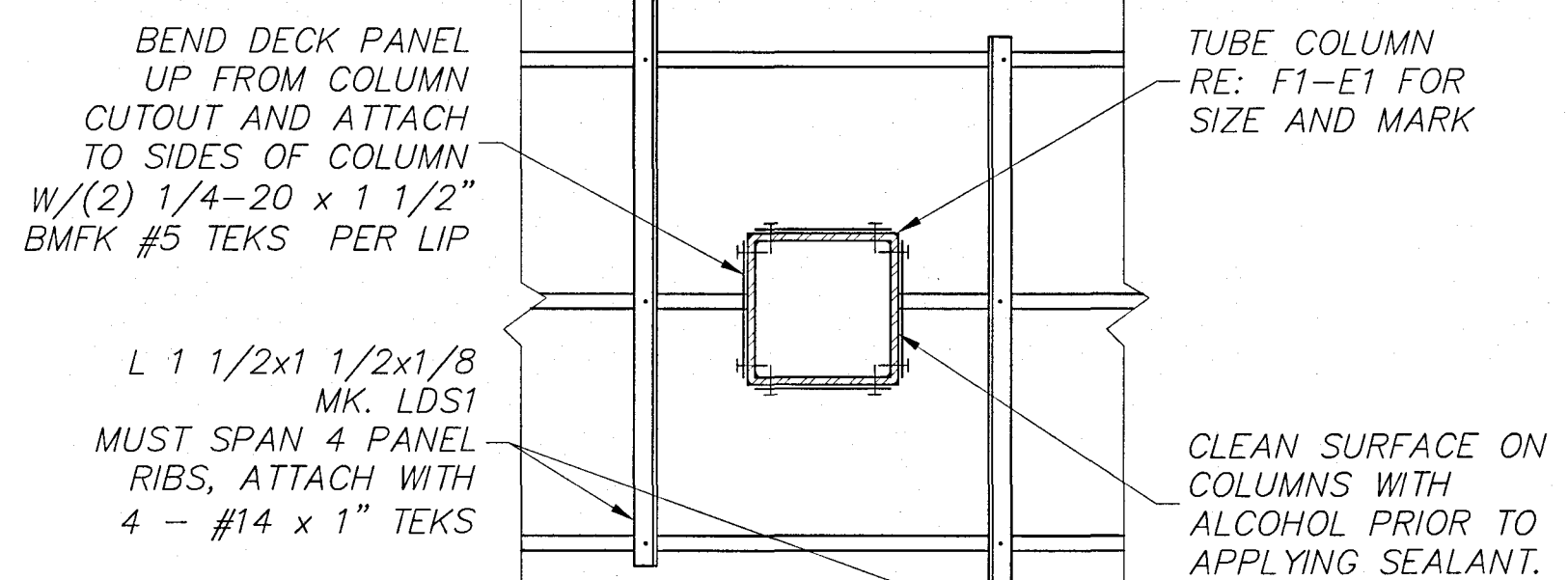
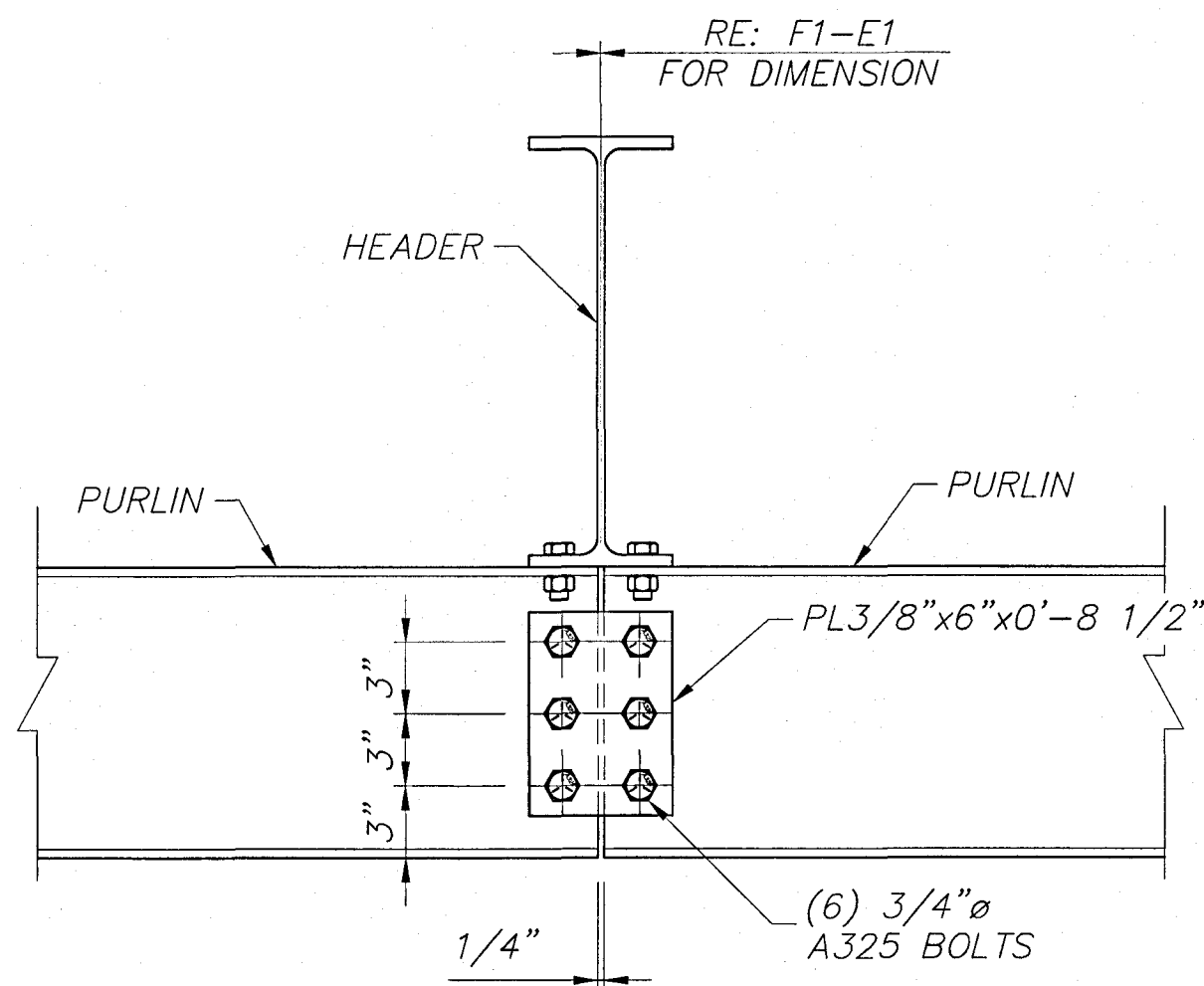
JOHN J. COX
LICENSE
No. 89742
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
JAN 17 2024

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

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



(2) SCREWS PER RIB ON END OF CANOPY OUTRIGGERS

*INSTALLER NOTE:
RELOCATE DIAGONAL MEMBER AS REQUIRED TO MISS DIAGONAL MEMBER OF ADJACENT OUTRIGGER

LI SECTION AT PURLIN SPLICE

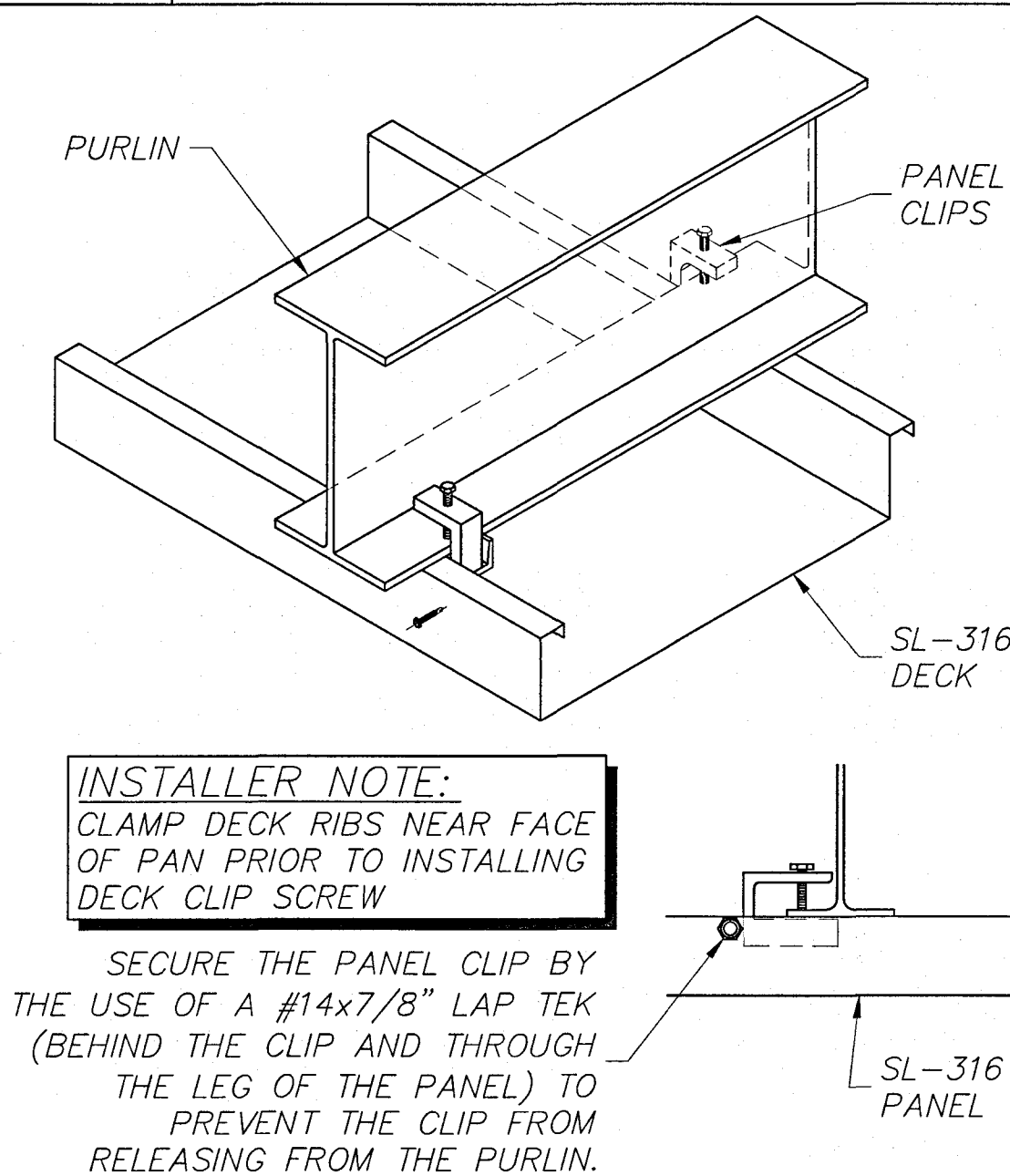
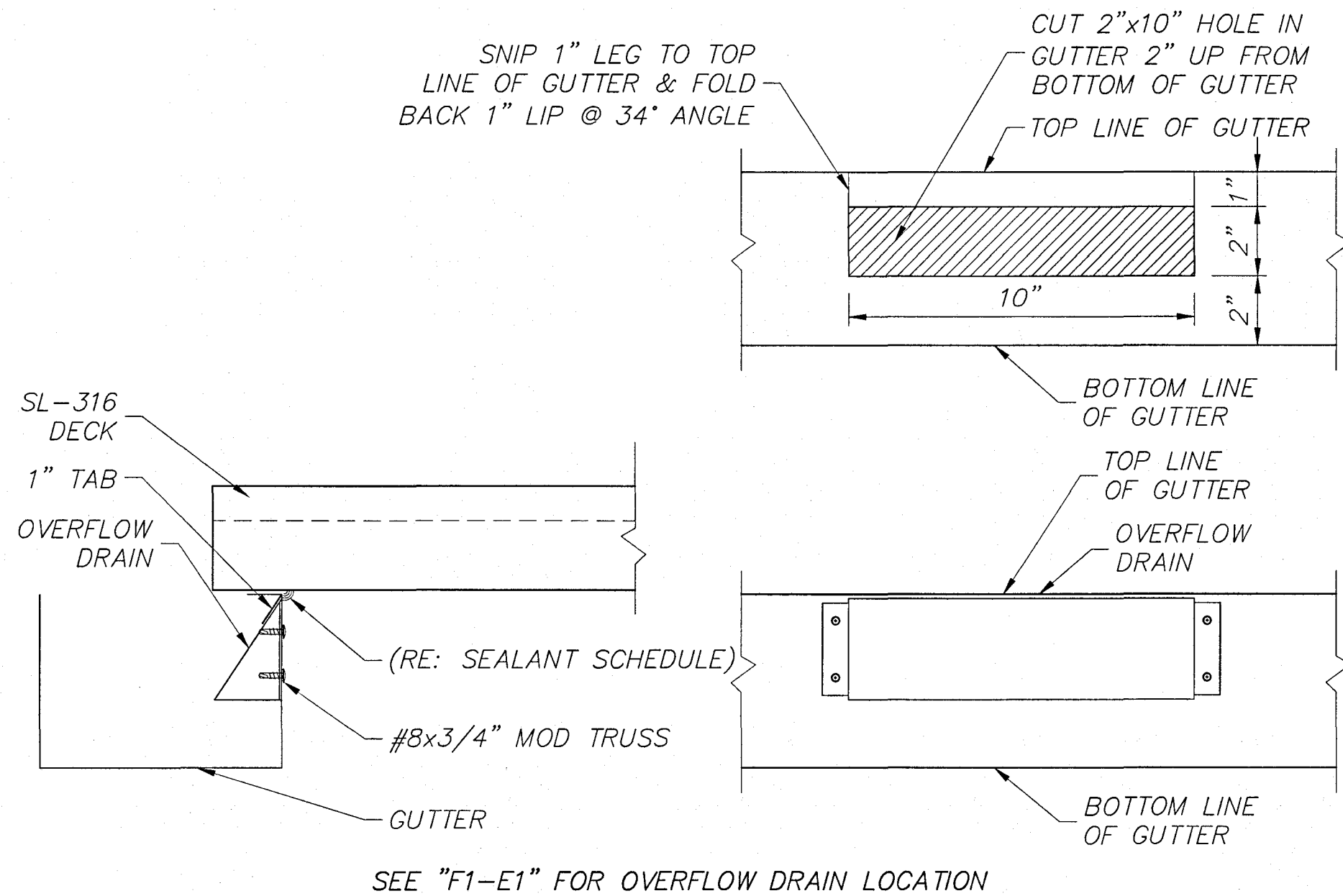
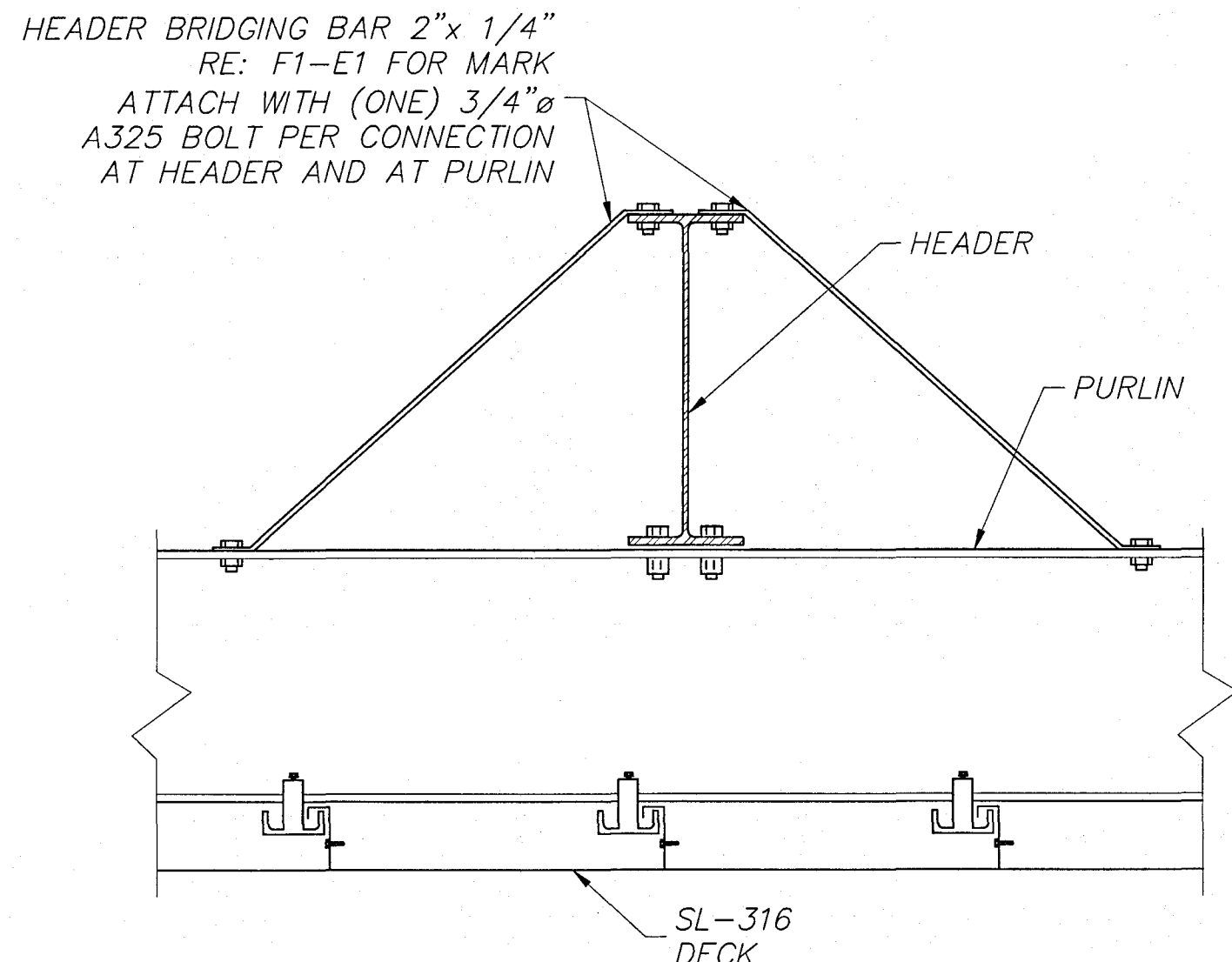
N.T.S.

L6 DETAIL AT DECK SUPPORT

N.T.S.

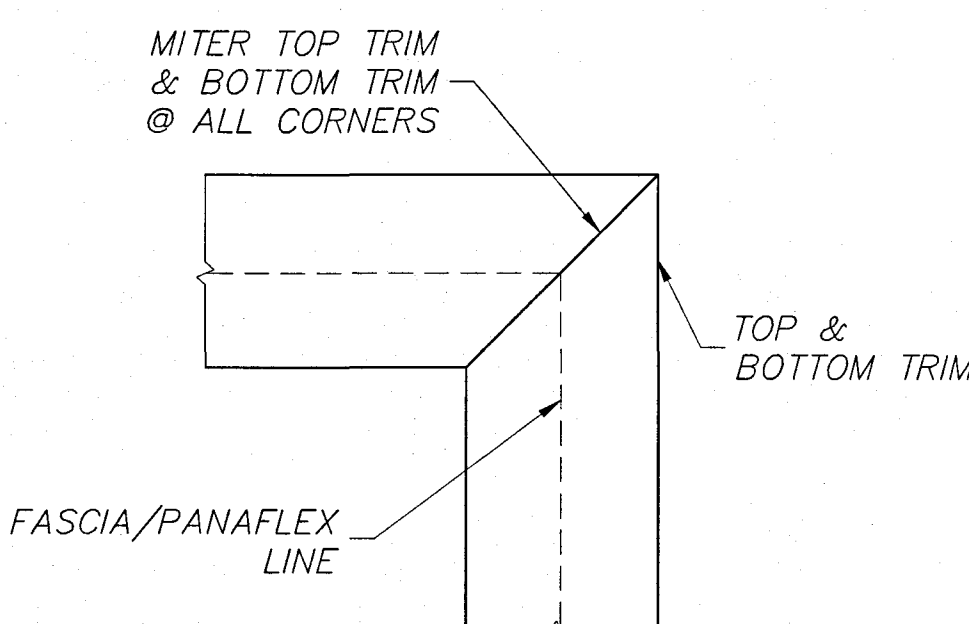
LII DETAIL AT CORNER OUTRIGGER

N.T.S.



INSTALLER NOTE:
CLAMP DECK RIBS NEAR FACE OF PAN PRIOR TO INSTALLING DECK CLIP SCREW

SECURE THE PANEL CLIP BY THE USE OF A #14x7/8" LAP TEK (BEHIND THE CLIP AND THROUGH THE LEG OF THE PANEL) TO PREVENT THE CLIP FROM RELEASING FROM THE PURLIN.



HI4 CORNER DETAIL

N.T.S.

FI SECTION AT HEADER BRIDGING

N.T.S.

F6 SECTION AT OVER FLOW DRAIN

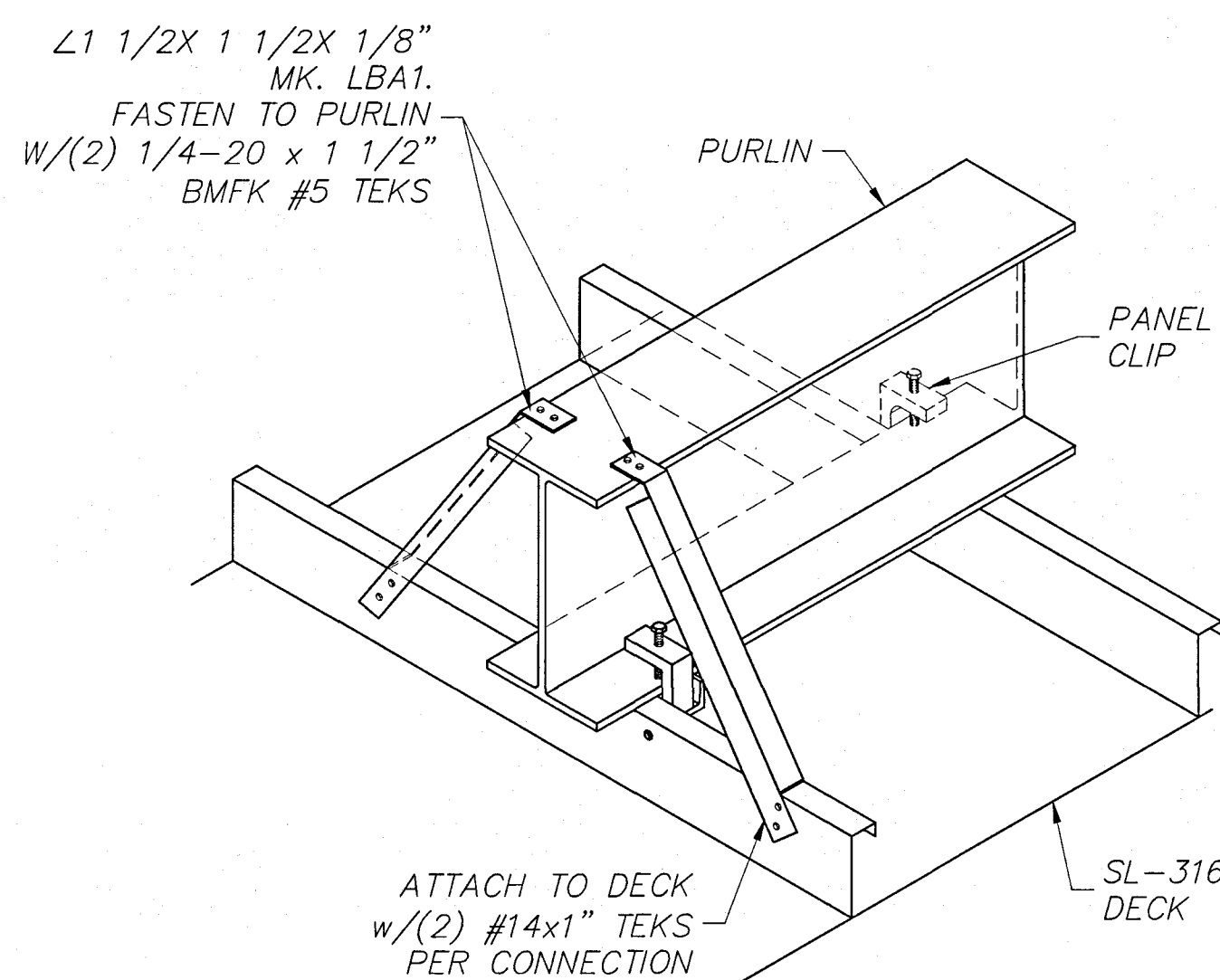
N.T.S.

FII DETAIL AT DECK CLIP

N.T.S.

FI4 NOT USED

N.T.S.



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WEIGHT OF STRUCTURAL COMPONENTS
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V, ASD = 93 m.p.h. EXP. C
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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.

A6 NOT USED

N.T.S.

AII NOT USED

N.T.S.

A14 DESIGN LOADS

N.T.S.

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

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

CHK'D	NO.	DATE	REVISIONS	CANOPY OVERALL LENGTH
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LOVE'S COUNTRY STORES
LOVE'S #724 GAS
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SHEET TITLE
E3 OF 3