GENERAL NOTES:

- 1. Install conduit in accordance with Specification 630.
- 2. When sidewalk is damaged by conduit installation, replace entire sidewalk slab.
- 3. Trench not to be open more than 250' at a time when construction area is subject to vehicular or pedestrian traffic.
- 4. Sawcut asphalt at the edges of the trench to leave neat lines.
- 5. Provide route marker and route marker label in accordance with Specification 630.

FDOT

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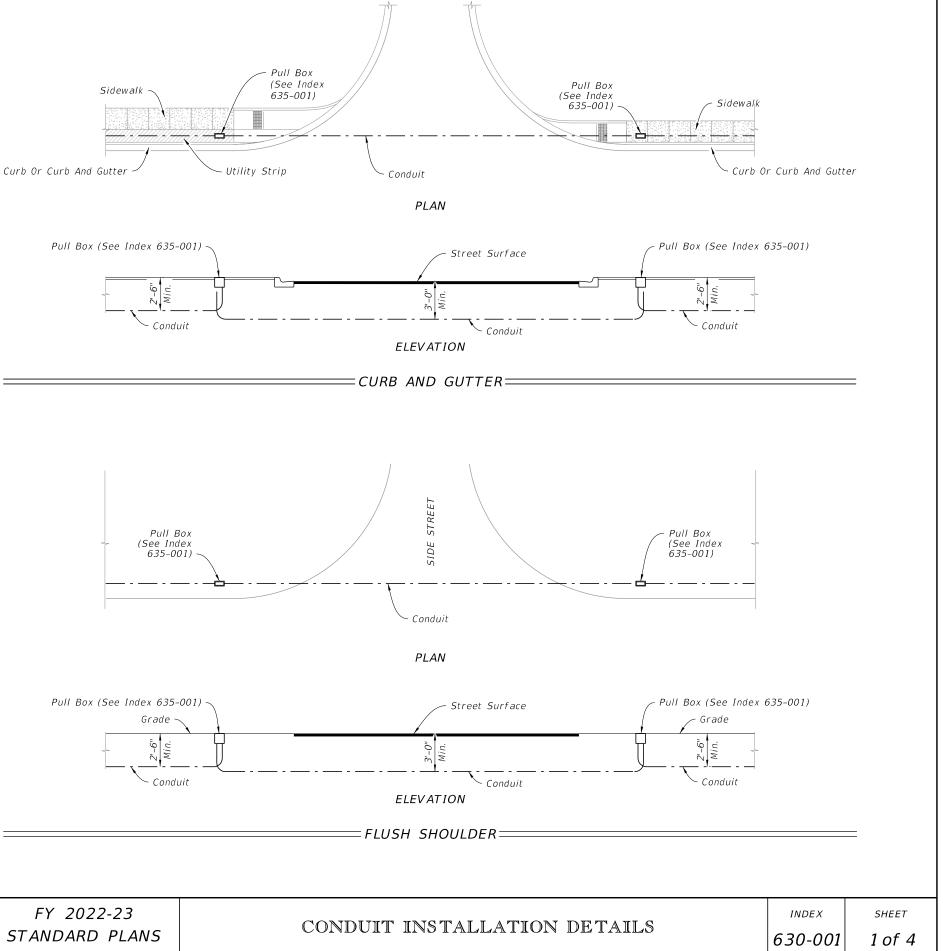
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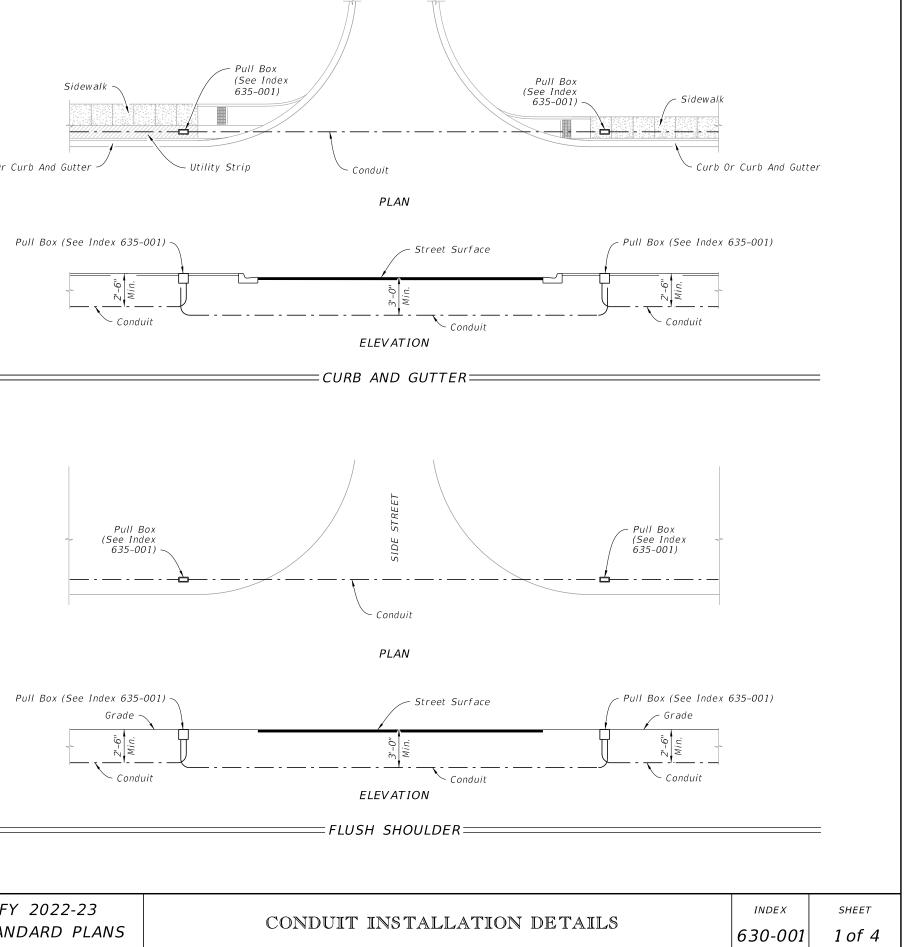
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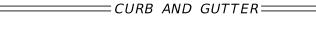
BEFORE DIGGING

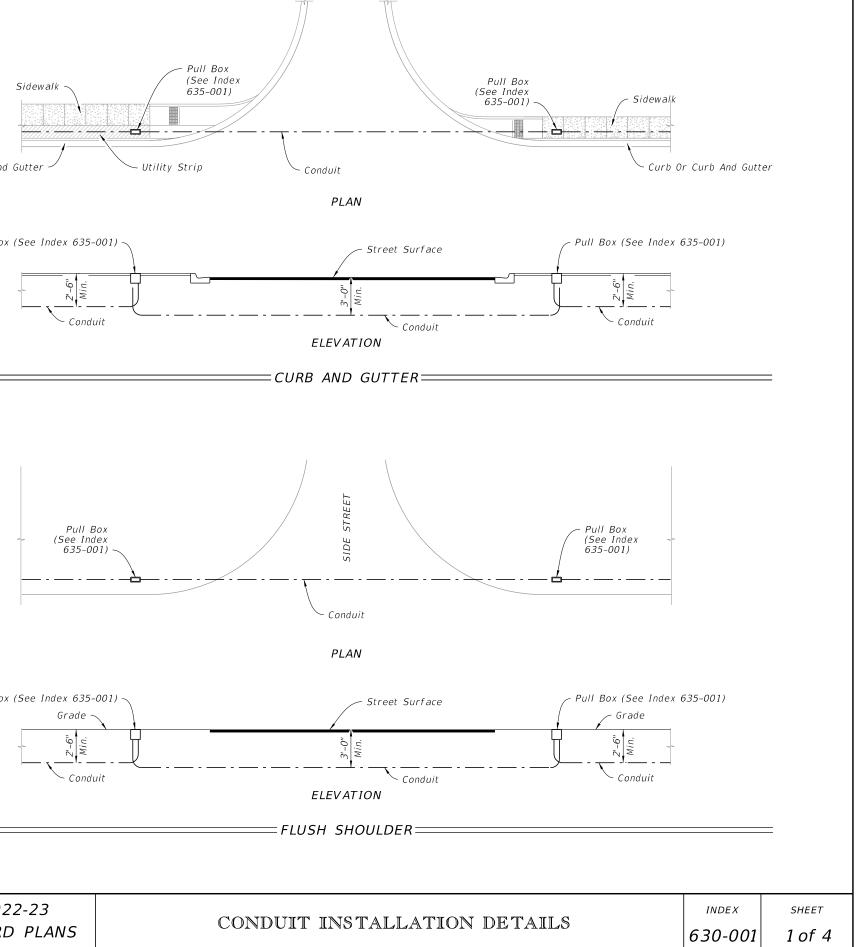
= ROUTE MARKER DETAIL =====

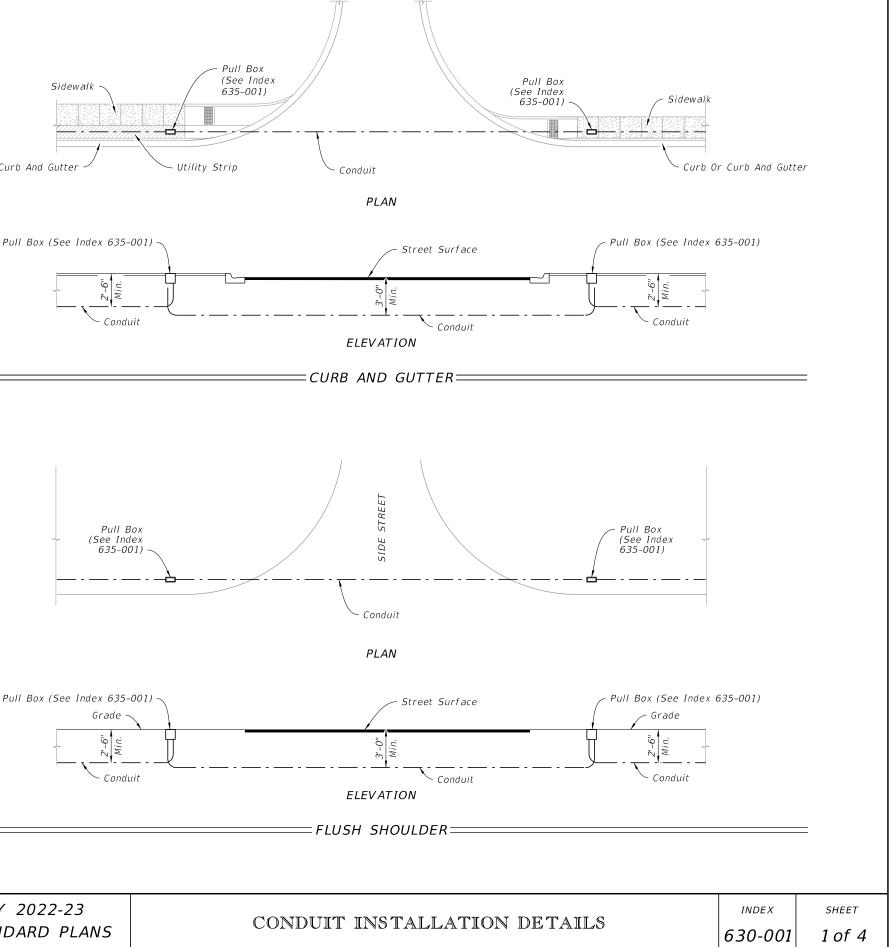








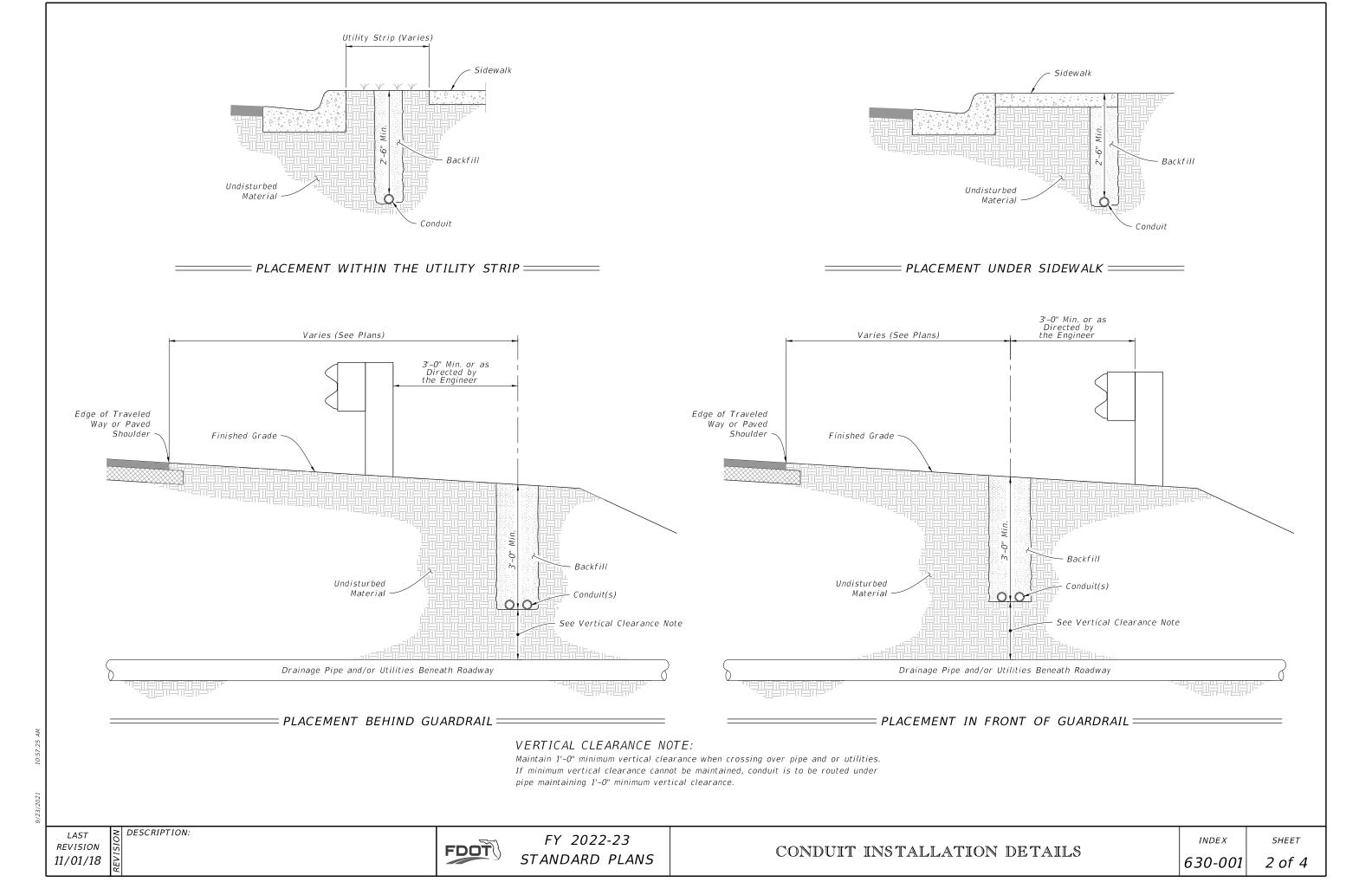


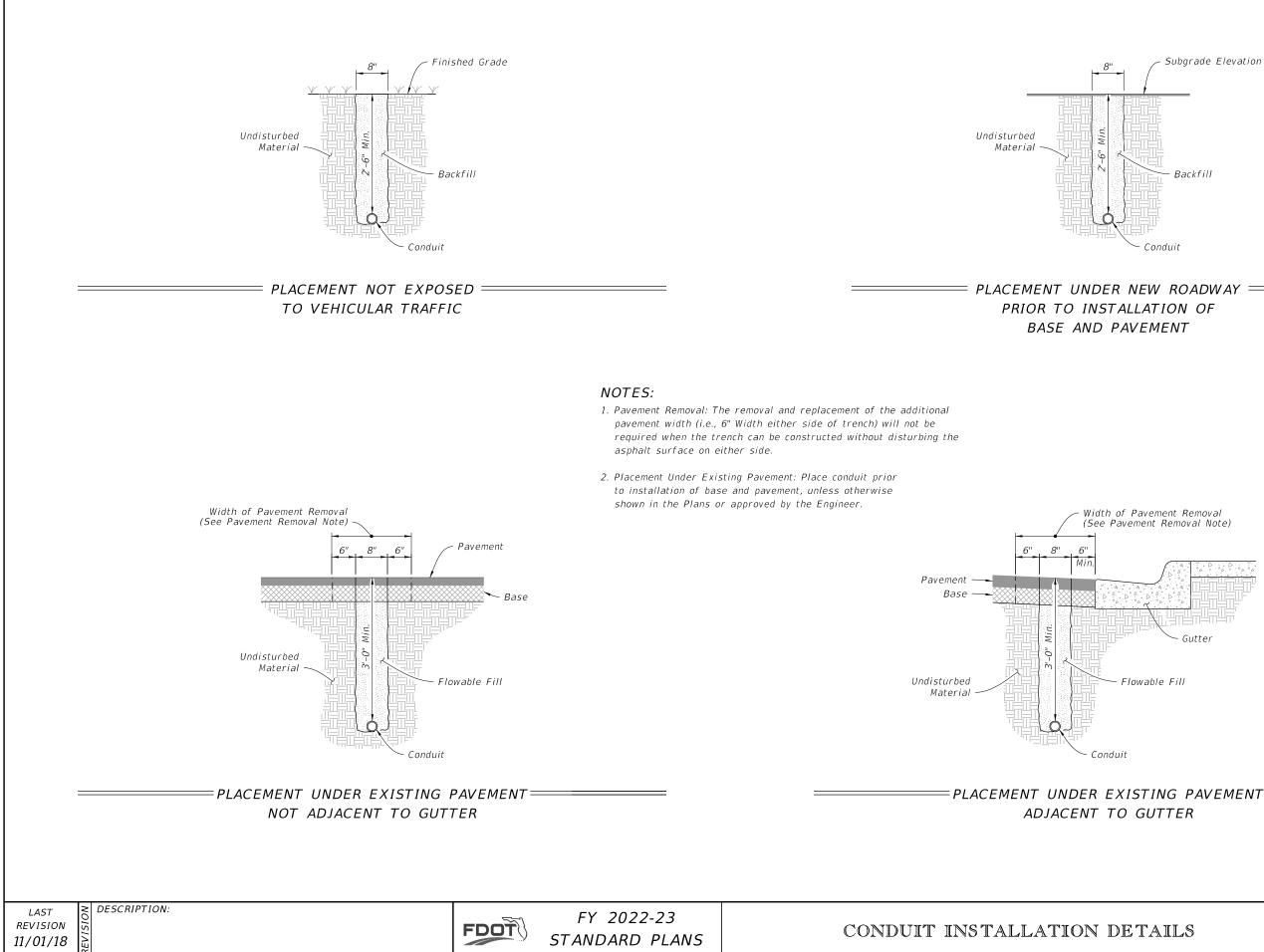


DESCRIPTION: LAST REVISION 11/01/21

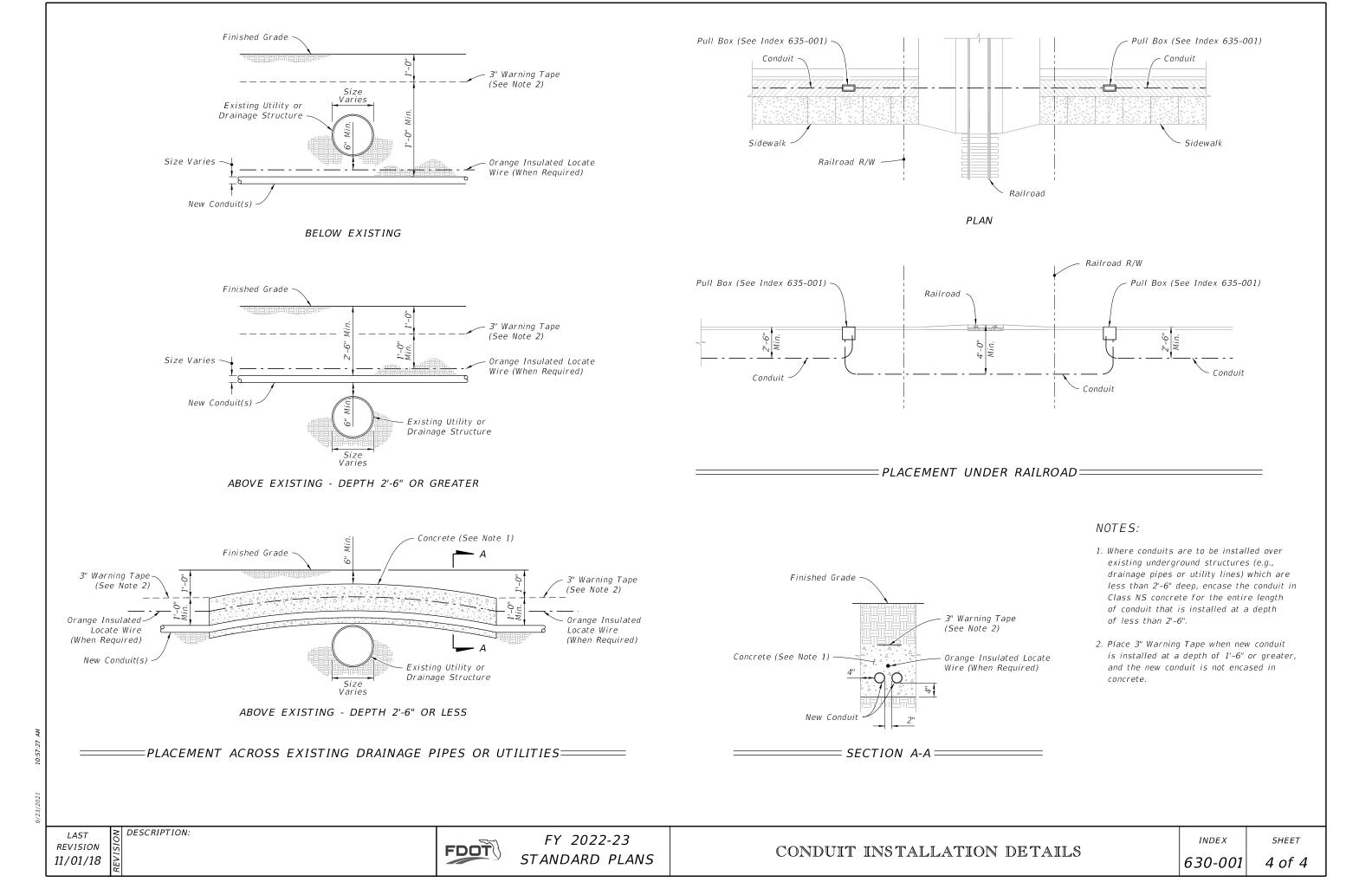


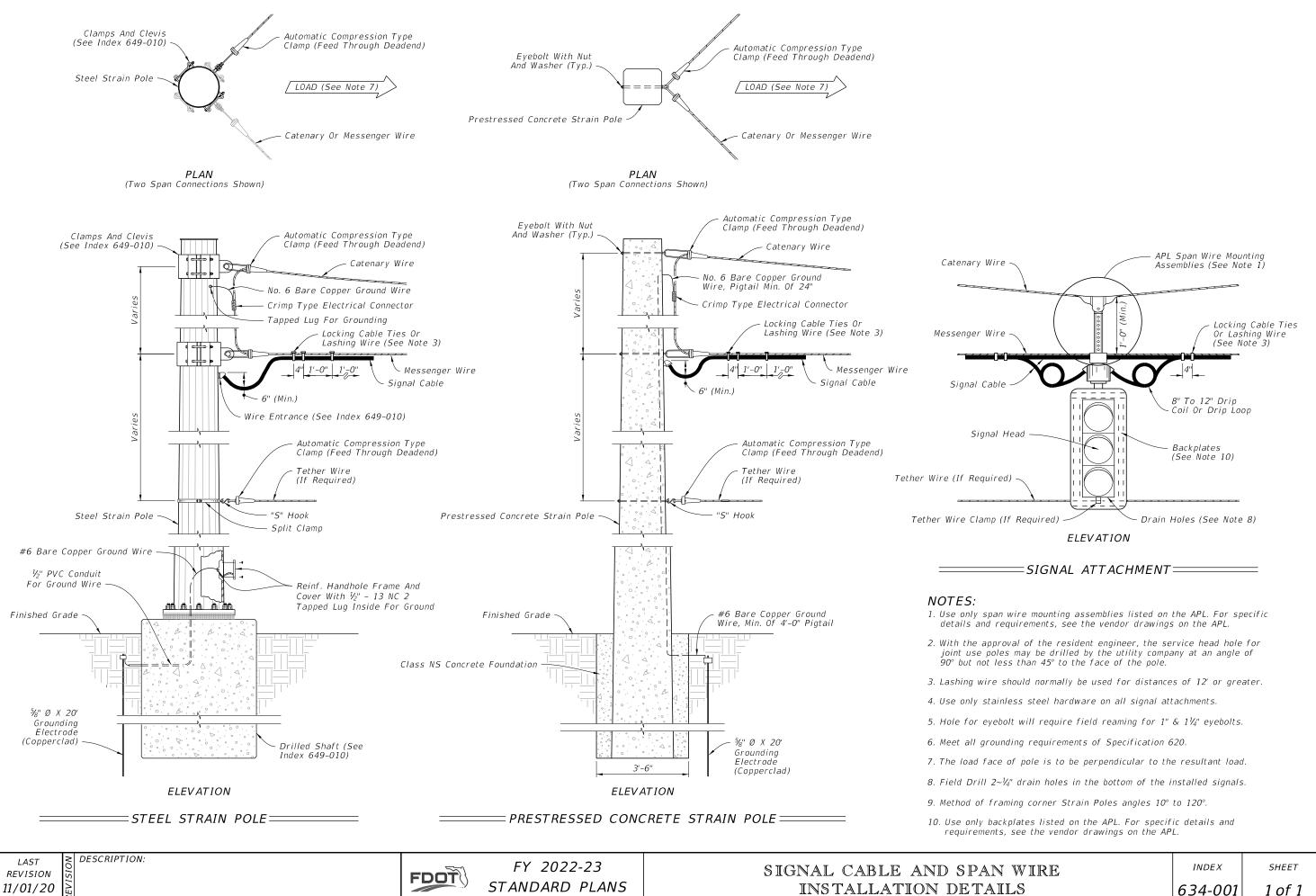
See Note 5 for label



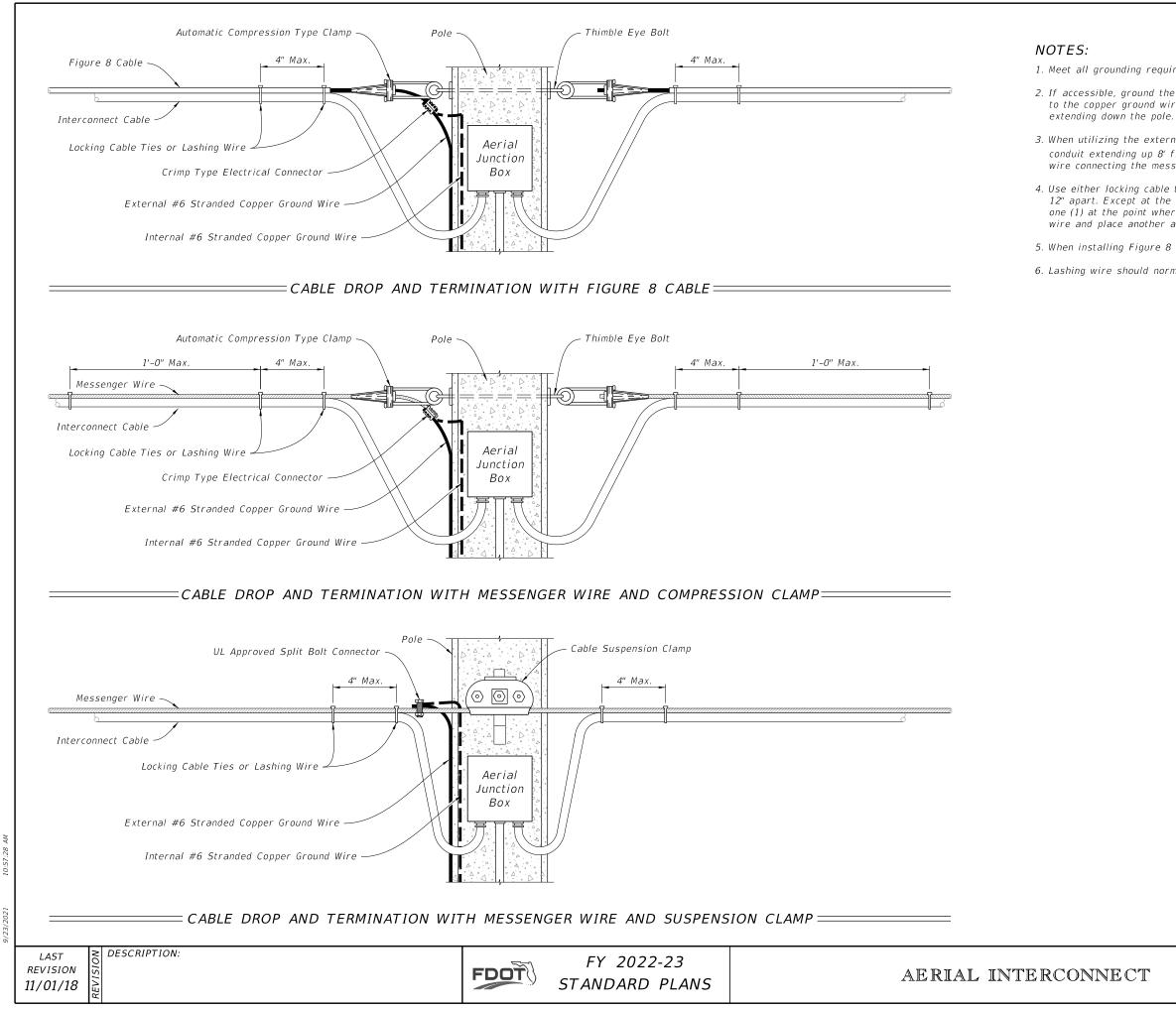


TING PAVEMENT		
AILS	INDEX 630-001	_{sнеет} 3 of 4





REVISION



1. Meet all grounding requirements of Specification 620.

2. If accessible, ground the messenger wire of the interconnect cables to the copper ground wire of the pole or to the external wire extending down the pole.

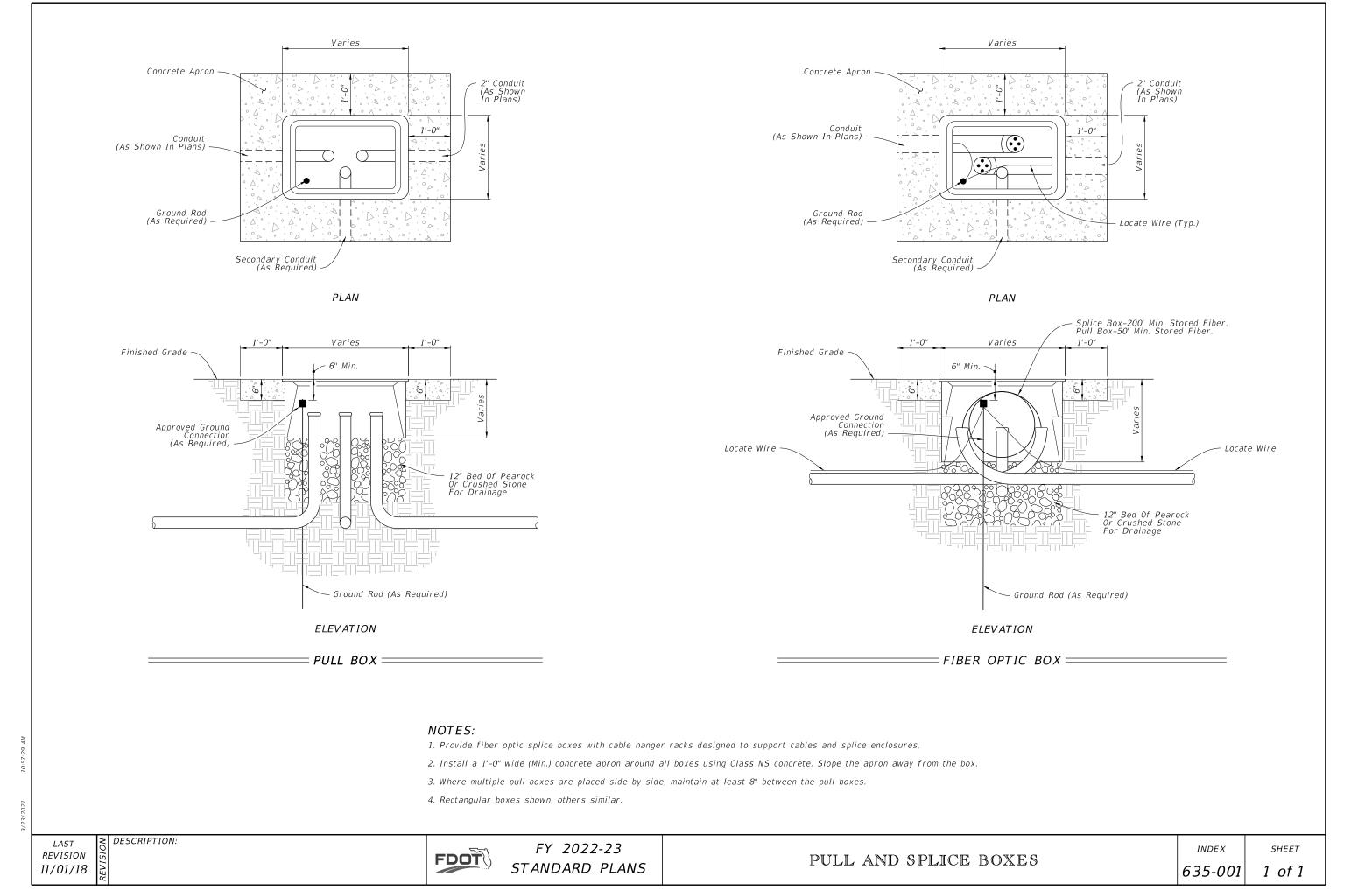
3. When utilizing the external ground wire, install a piece of $\frac{1}{2}$ " conduit extending up 8' from the finish grade to protect the ground wire connecting the messenger wire to the ground rod.

4. Use either locking cable ties or lashing wire, placed no further than 12" apart. Except at the point of cable drop or terminations, place one (1) at the point where the cables separate from the messenger wire and place another at a maximum distance of 4" from that tie.

5. When installing Figure 8 interconnect cable, only use locking cable ties.

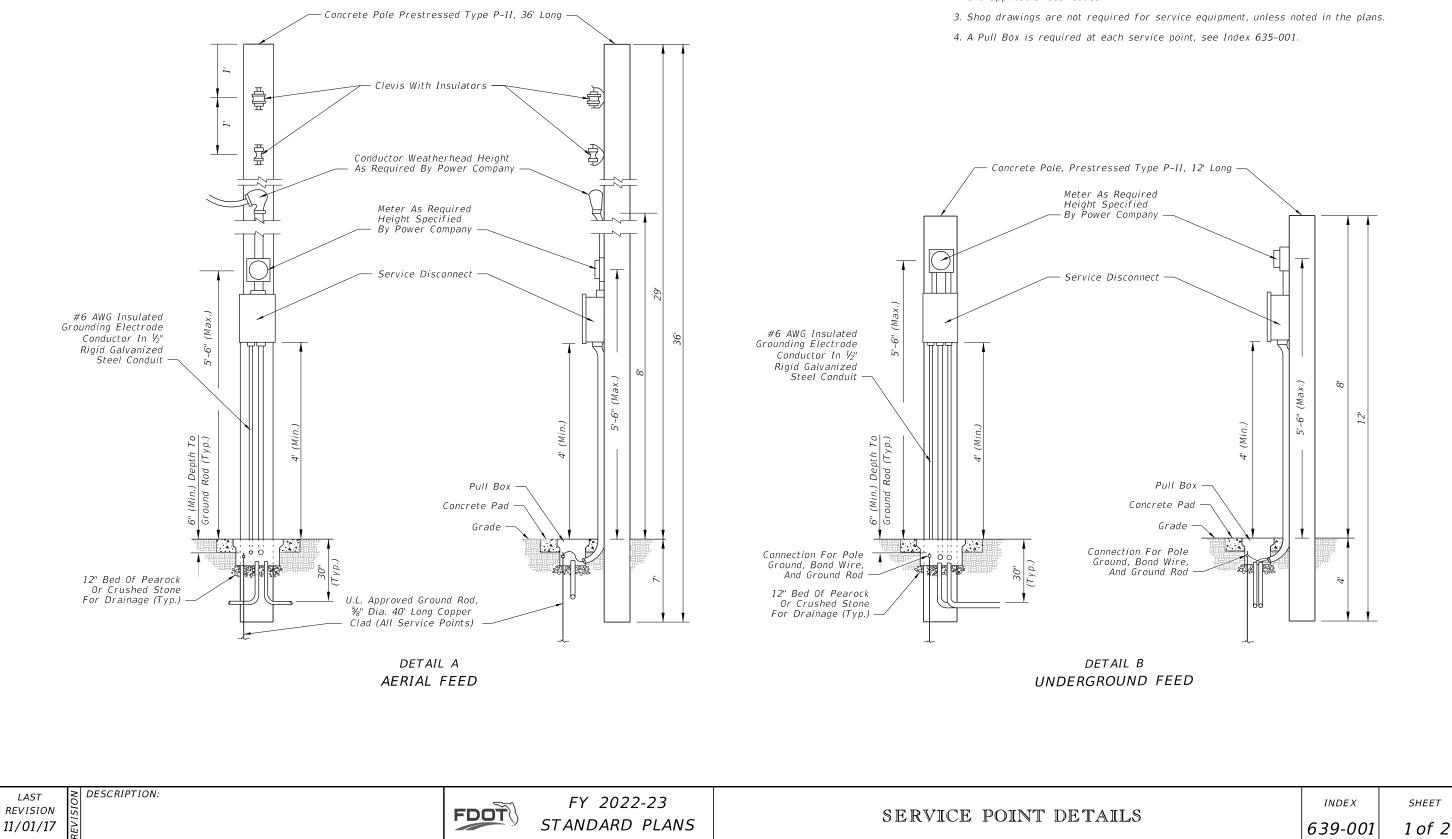
6. Lashing wire should normally be used for distances of 12' or greater.

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634-002	1 of 1

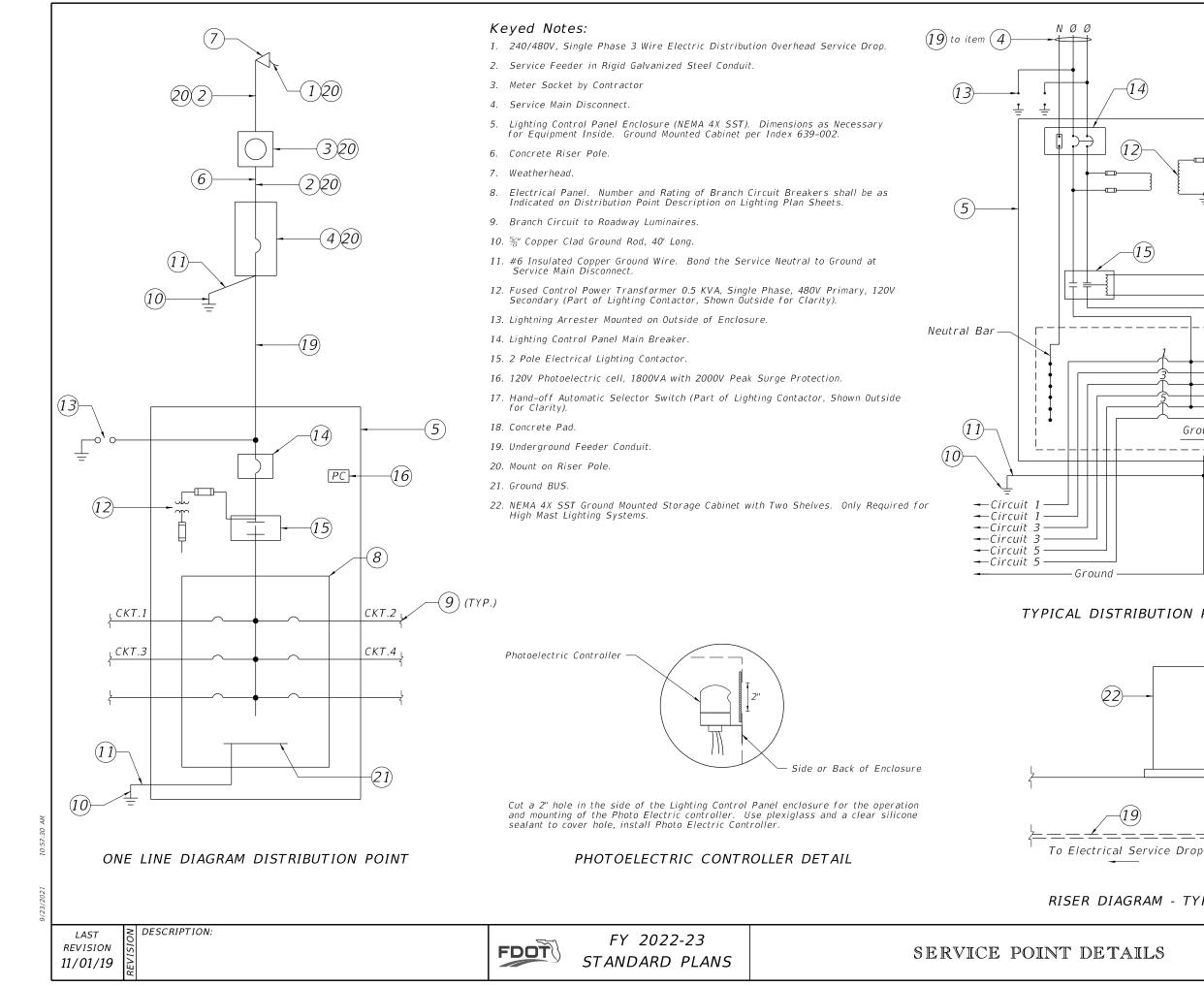


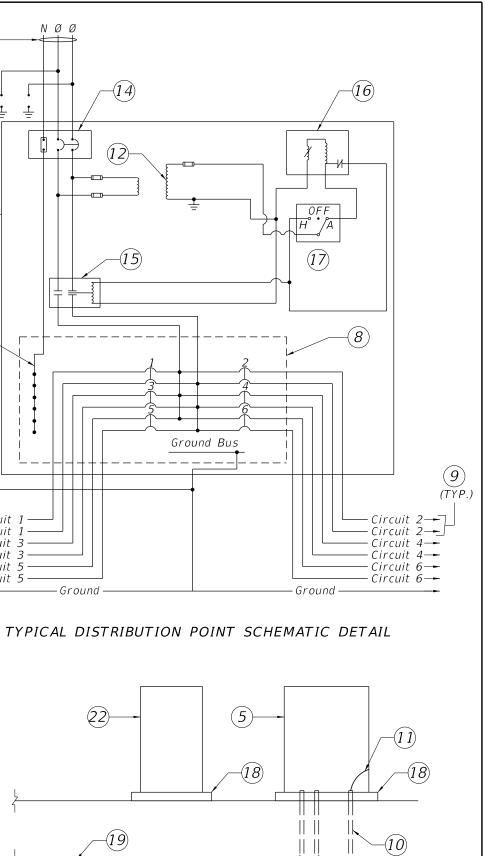
GENERAL NOTES:

- 2. The service installation shall meet the requirements of the national electric code and applicable local codes.



1. It shall be the contractors responsibility to provide a complete service assembly as per the plans and service specifications.



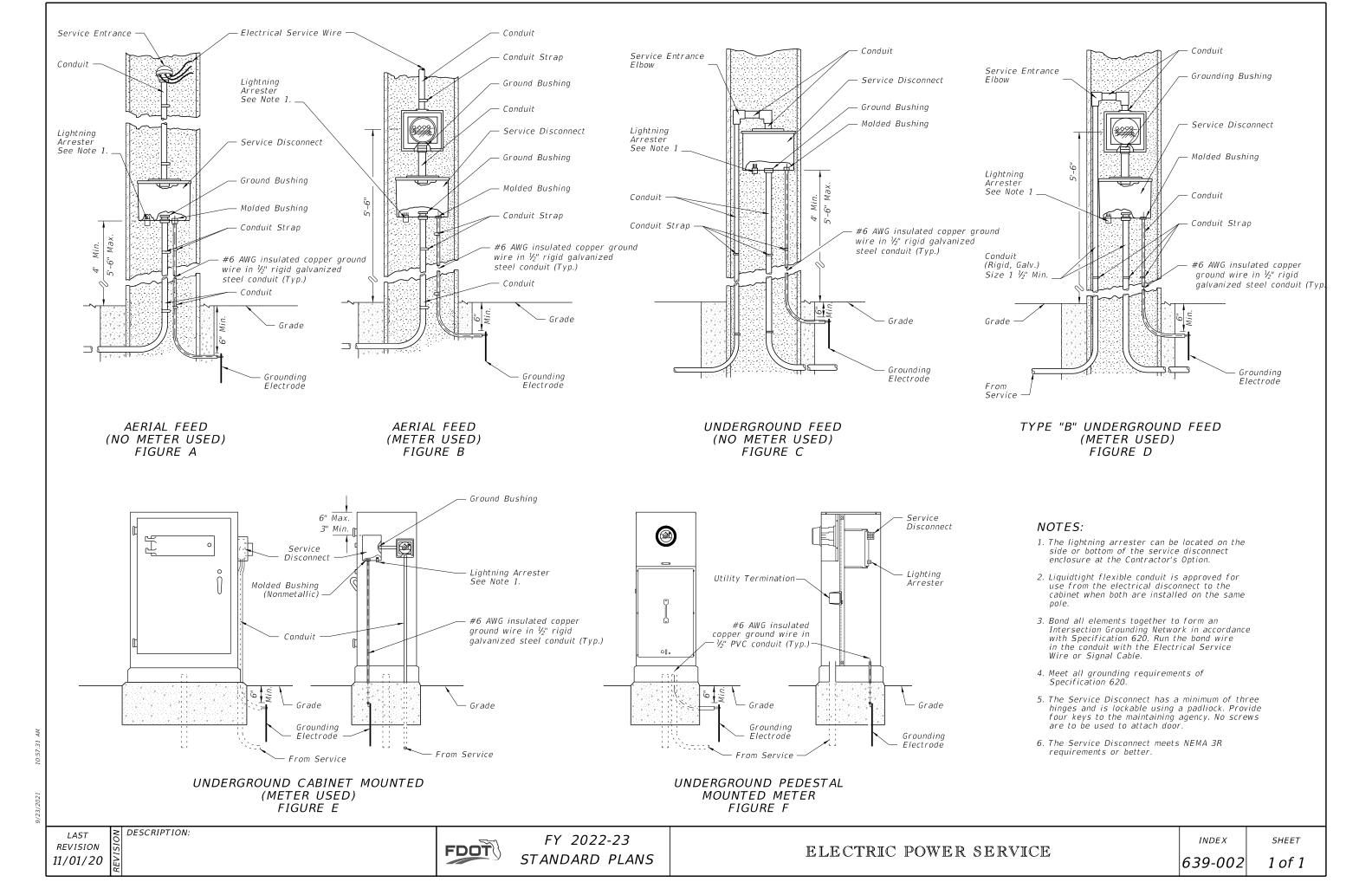




RISER DIAGRAM - TYPICAL DISTRIBUTION POINT

G	INDEX	SHEET
>	639-001	2 of 2

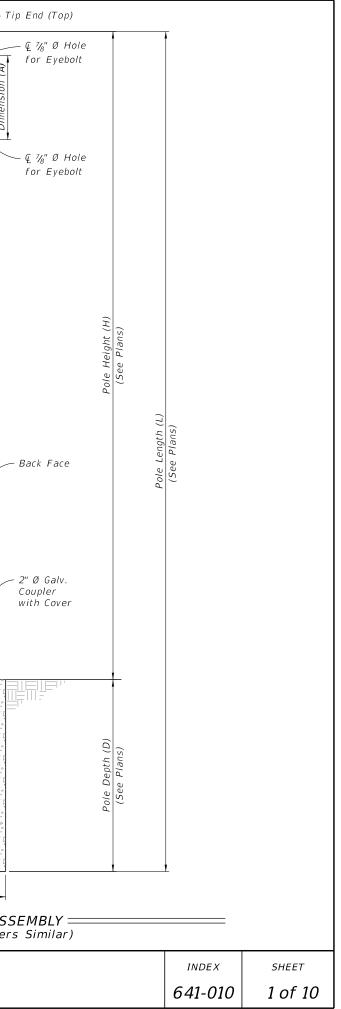
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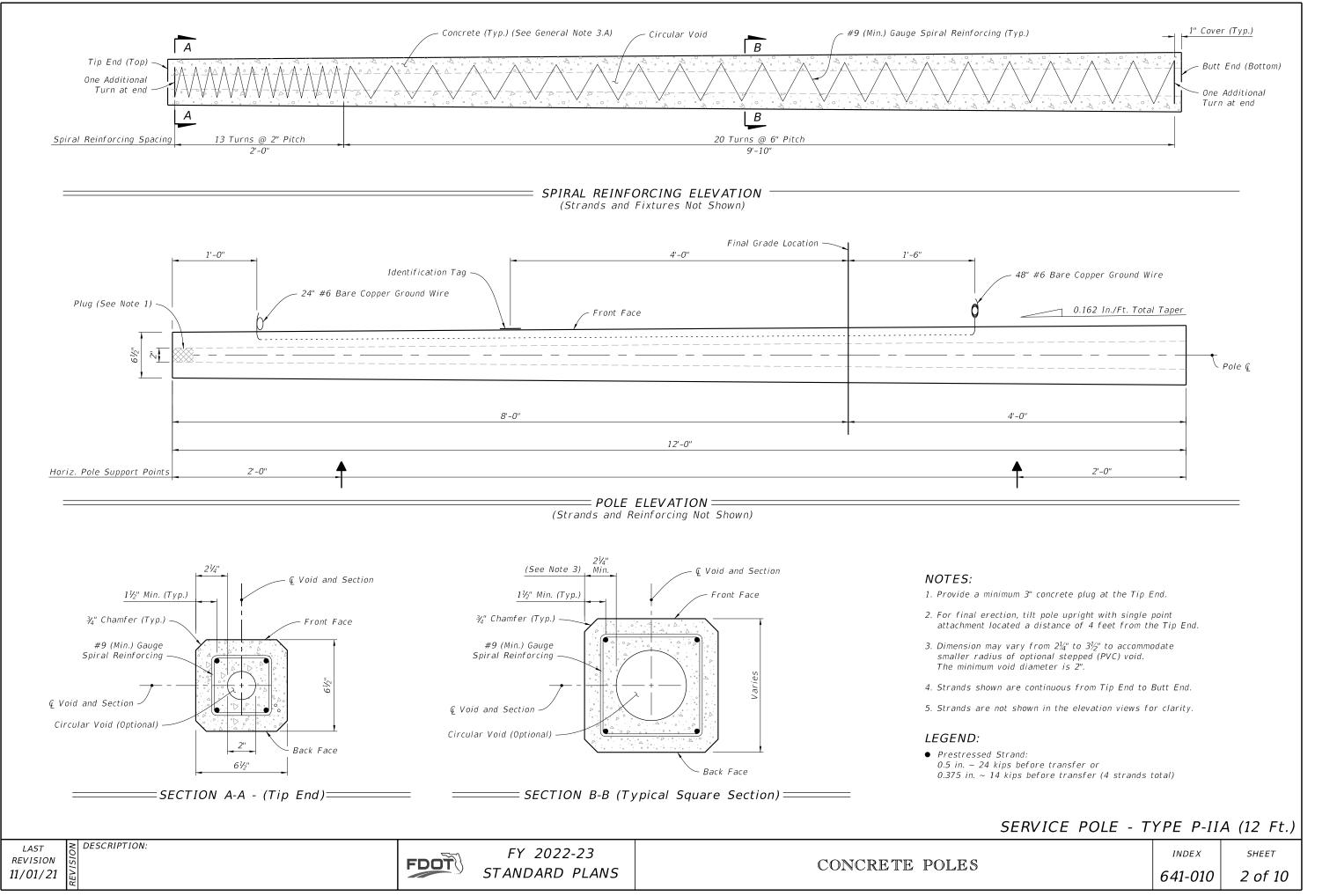


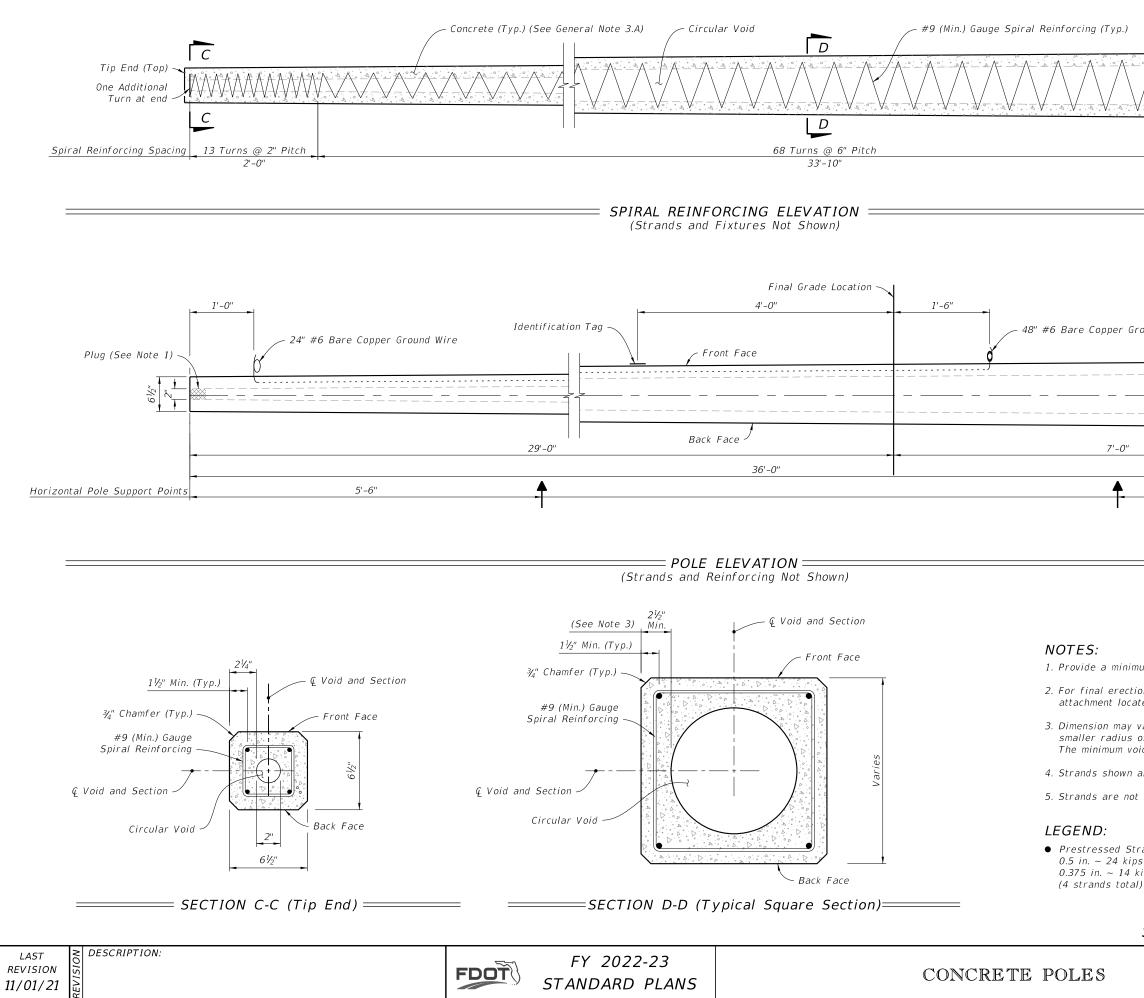
		Catenary Wire
GENERAL NOTES:		Messenger Wire
1. Work these Index Sheets with the Strain Pc for corresponding signal cable and span with		Signal Cable
2. <u>Shop Drawings:</u>		
This Index is considered fully detailed and drawings only for minor modifications not a	no shop drawing are necessary. Submit shop detailed in the Plans.	2½" Galv. Nipple for Wires ✓
3. <u>Materials</u> :		
A. Concrete:	Class V Special with 4 ksi minimum strength at transfer or Class VI with 6.5 ksi minimum strength at transfer	#6 Bare Copper Ground Wire
B.Prestress Strands & Spiral Reinforcing: C.Hand and coupler cover plates: D.Screws:	Specification 641 Non-corrosive material Round headed, chrome plated	
4. <u>Fabrication:</u>		
A. Pole Total Taper shown is for pole width B. Concrete Cover: 1" minimum.	n, strands, reinforcing and void (0.081 in/ft per face).	Concrete Pole (Type Varies)
C. Spiral Reinforcing: Place as shown, and a and butt ends of the pole.	add one turn for splices and two turns at both the tip	
	F) and Back Face (BF) of the poles may vary transversely t with removal from forms. Balance addition and subtraction	(Y, Y, Y)
of the face widths to maintain section ar		
F. Cut the tip end of the prestressed stran	d either first or simultaneously with the butt end. d hole and couplers. Attach cover plates to the poles using lead	
anchors or embedded threaded inserts. H. Provide Aluminum Identification Tag on th		
	ne pore with the ronowing michilation.	$\mathbf{E} \begin{bmatrix} 1 & 1 & 2 \\ 1 & 1 & 2 \\ 2 & 1 & 2 \\ 1 & 1 & 2 \\ 2 & 2 \end{bmatrix}$
a. Financial Project ID. b. Pole Manufacturer		Identification Tag 🔨 🗍
c. Standard Pole Type Number d. Pole Length (L)		
5. Support Points:		4"x6" Hand Hole with Cover
Support Points shown may vary within a tol	lerance of ±3".	3"x5" Conduit Entry Hole
	for strand release, storage, handling and transport	
of the horizontal pole. Keep Back Face orie		Final Grade
5. Two point attachment: Provide an eye bolt h	nole for the messenger wire.	
7. Tether Wire: When required, field-drill the	eyebolt hole prior to installation.	#6 Bare Bare Copper Ground Wire
TABLE OF CC	DNTENTS:	
Sheet Description 1 General Notes and C	iontents	Grounding Rod
2 Service Pole – Type		
3Service Pole - Type4Pedestal Pole - Type		
5 Pole - Type P-III		
6 Strain Pole - Type F 7 Strain Pole - Type F		Class NS Concrete Foundation
8 Strain Pole - Type F	2-V1	Butt End (Bottom)
9 Strain Pole – Type P 10 Strain Pole – Type P		
		CONCRETE POLE (Type P-VII Shown, Ot
AST S DESCRIPTION:	FY 2022-23	
1510N 151 01/21 ELVIS	STANDARD PLANS	CONCRETE POLES

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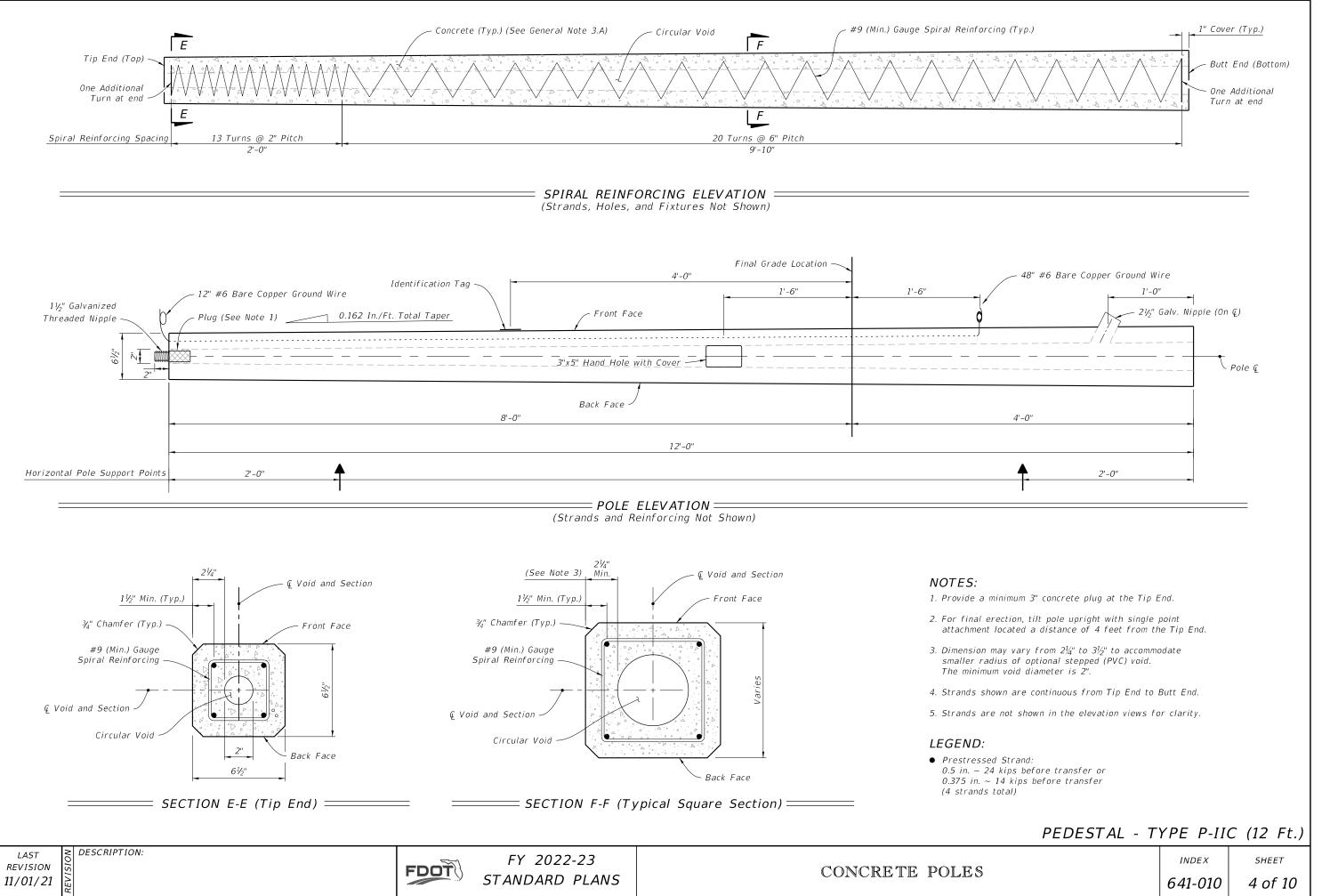
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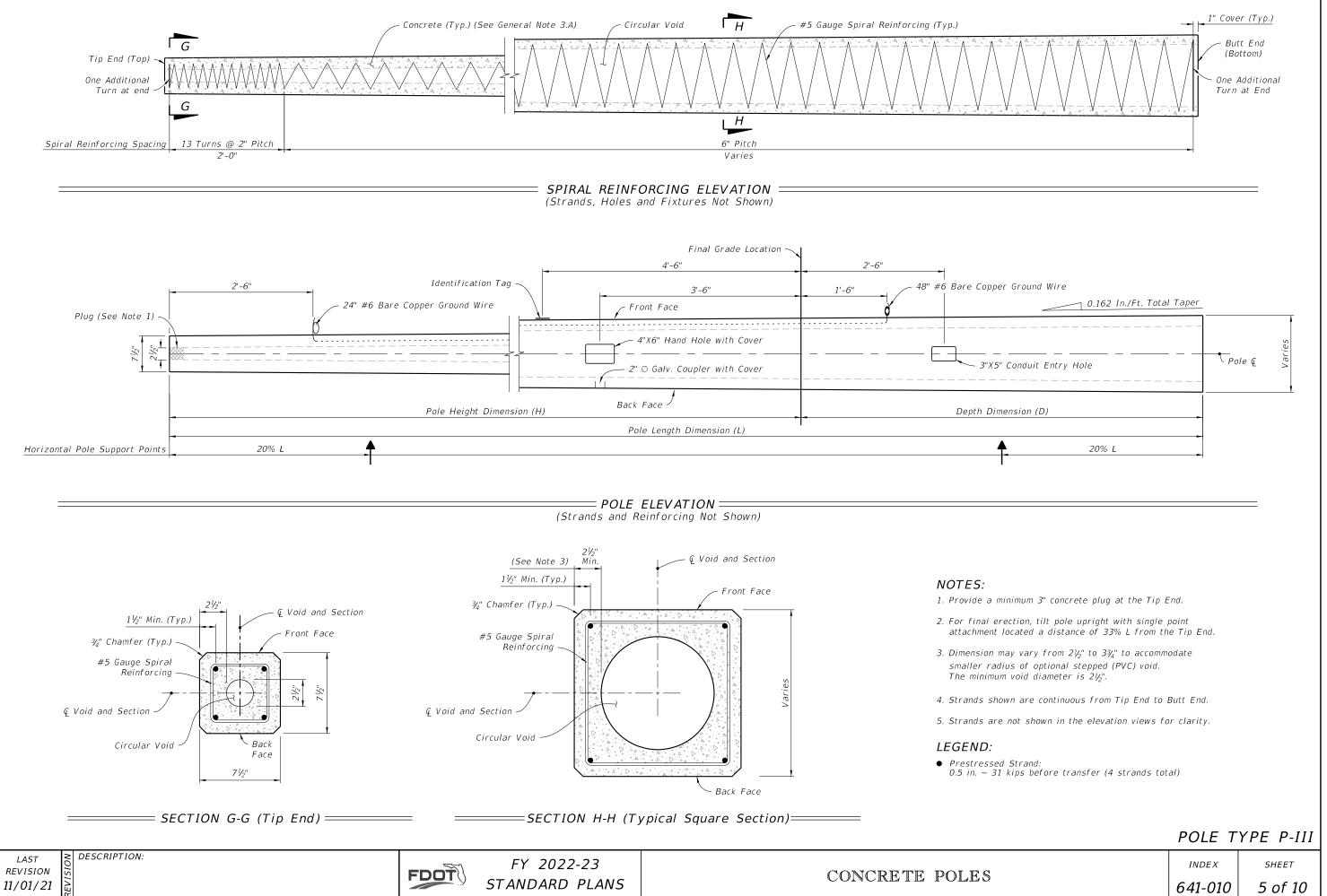




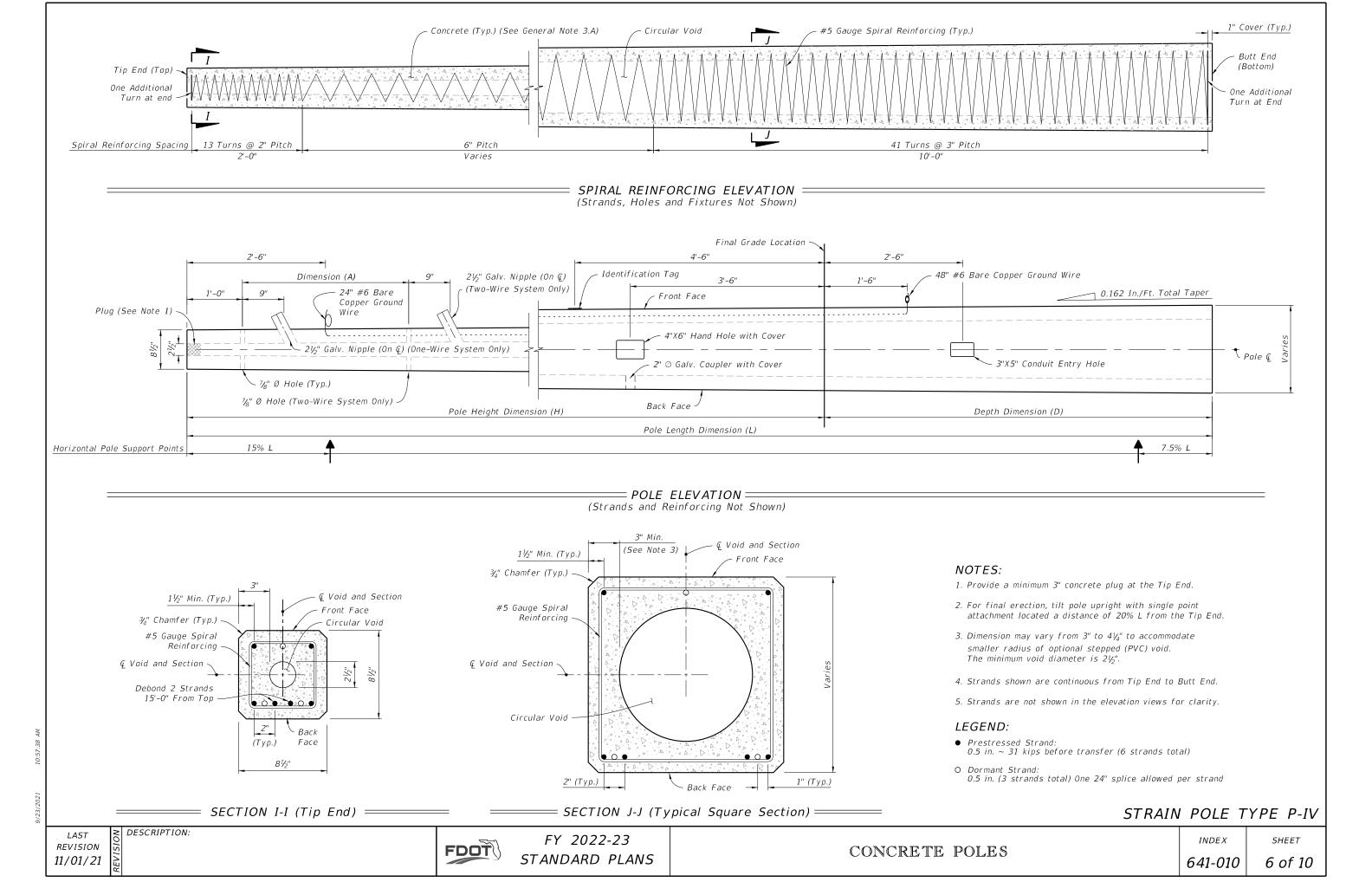
		ver (Typ.)
	One A	t End (Bottom) Additional at End
ound Wire		
0.162 In./Ft. Total	Taper	
		1- 0
	< Po	le ų
3'-6"		
	·	
um 3" concrete plug at the Tip E	nd.	
on, tilt pole upright with single , ed a distance of 10 feet from t		
rary from 2¼" to 3½" to accommo of optional stepped (PVC) void. id diameter is 2".	odate	
are continuous from Tip End to I	Butt End.	
shown in the elevation views fo	r clarity.	
and: 5 before transfer or		
ips before transfer)		
SERVICE POLE TY	PE P-IIE	8 (36 Ft.)
	INDEX	SHEET
	641-010	3 of 10

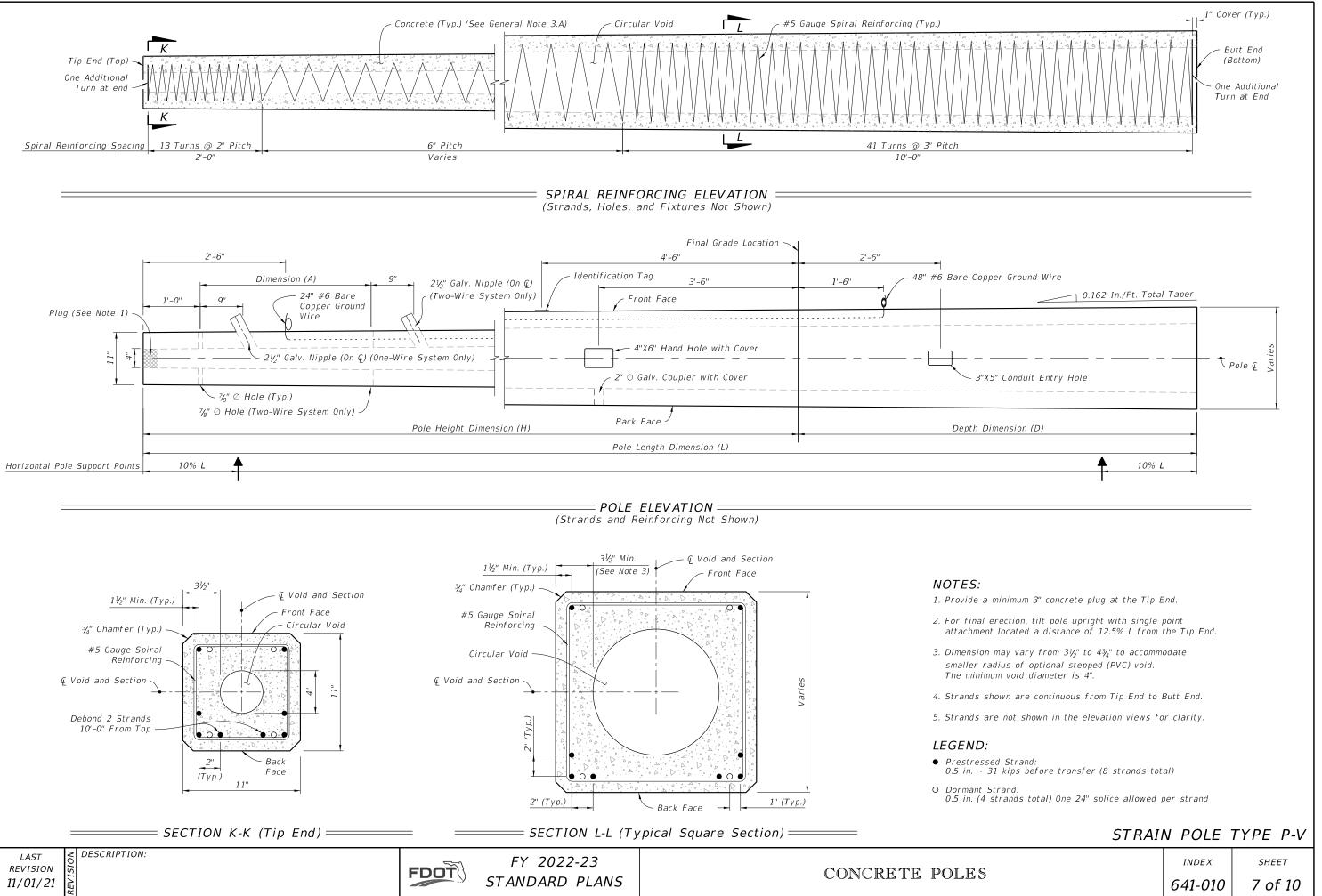


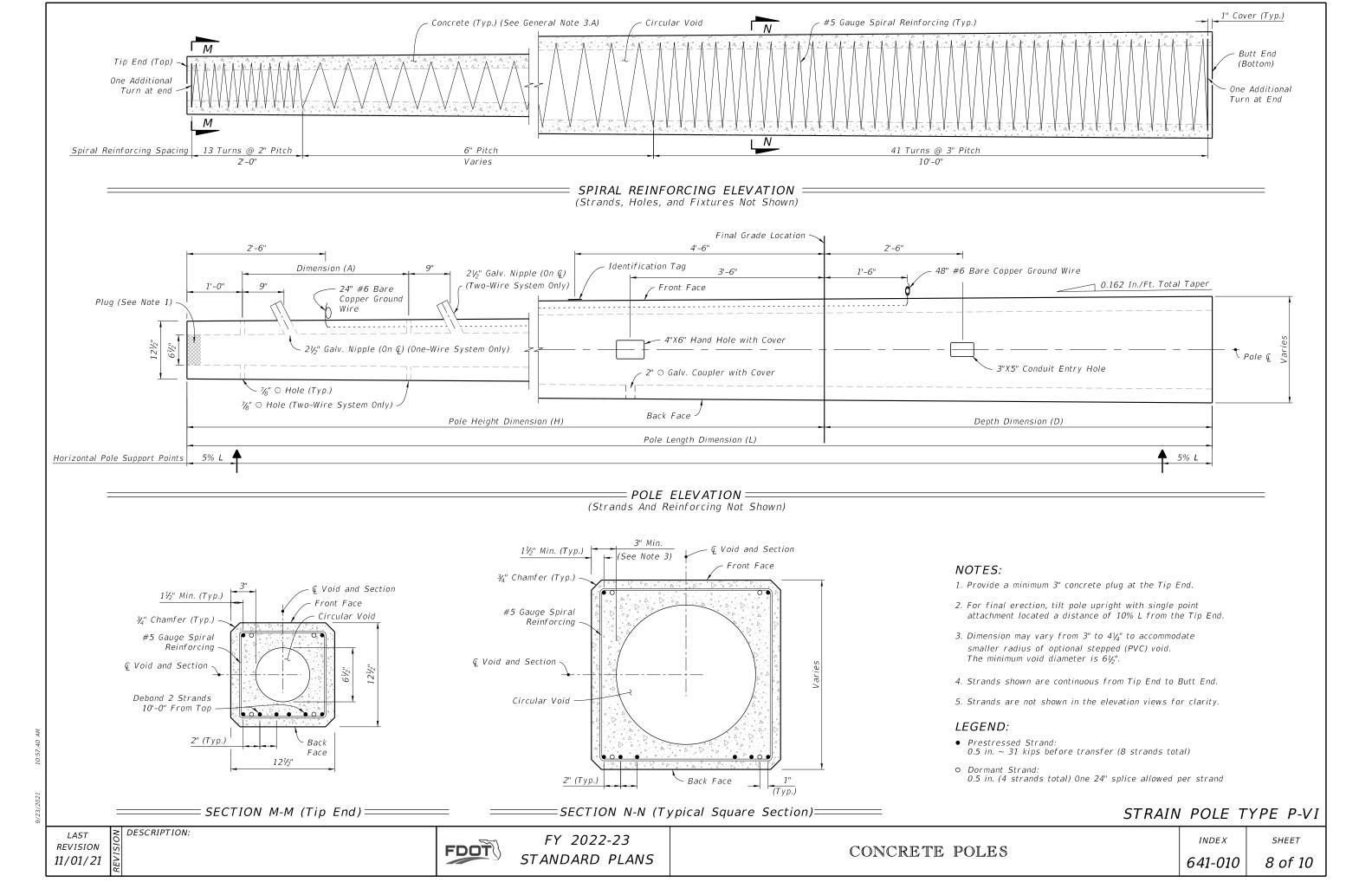
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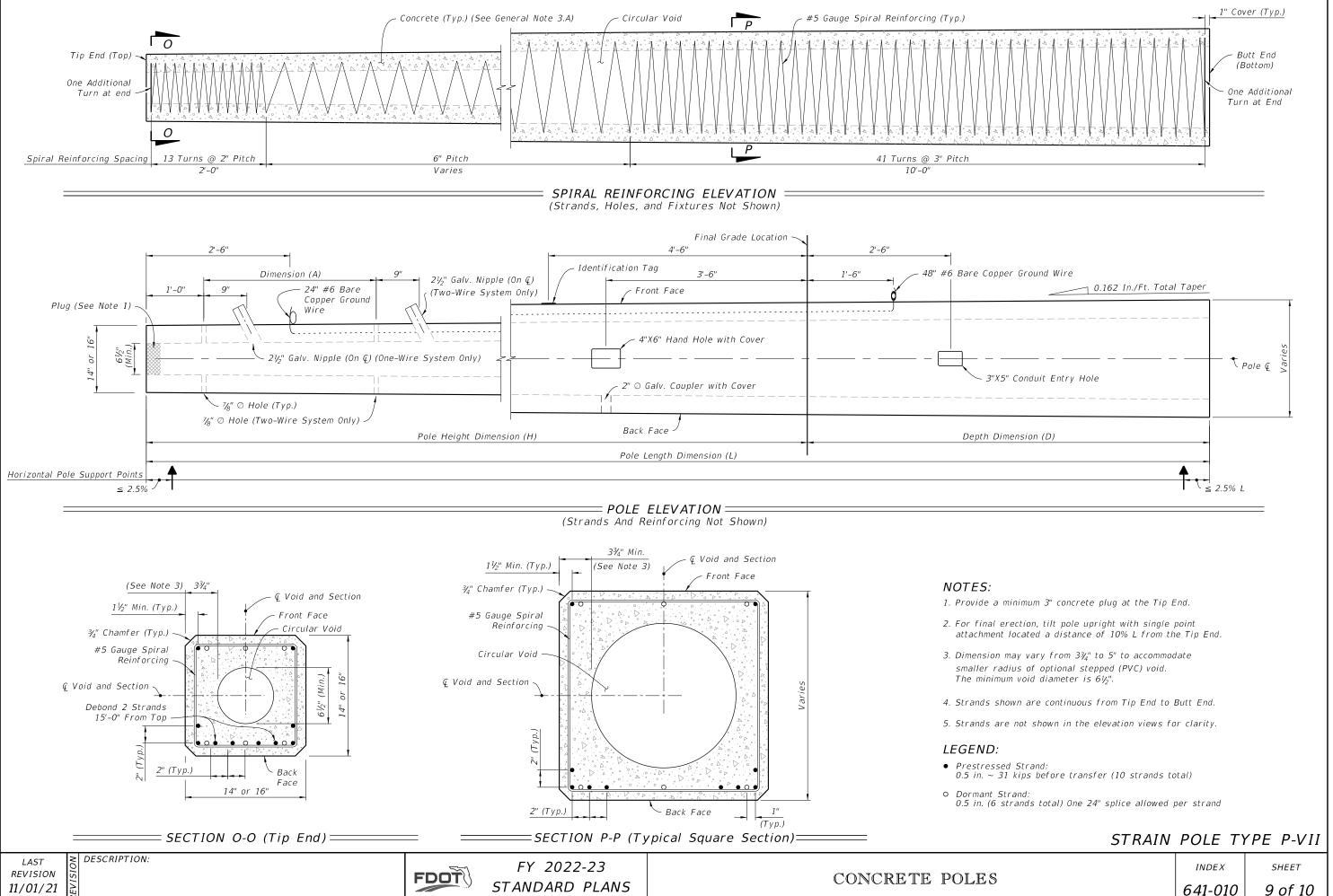


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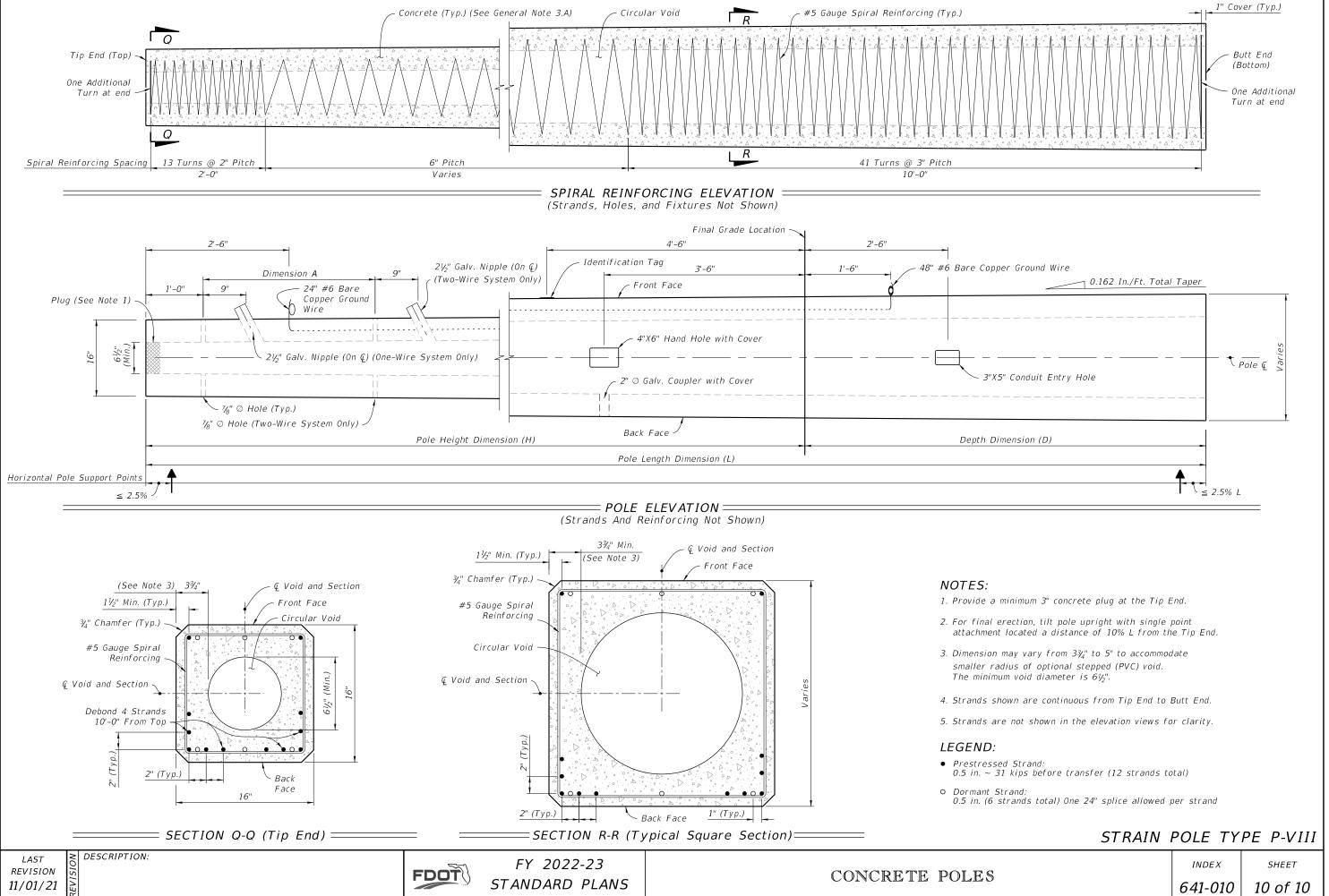


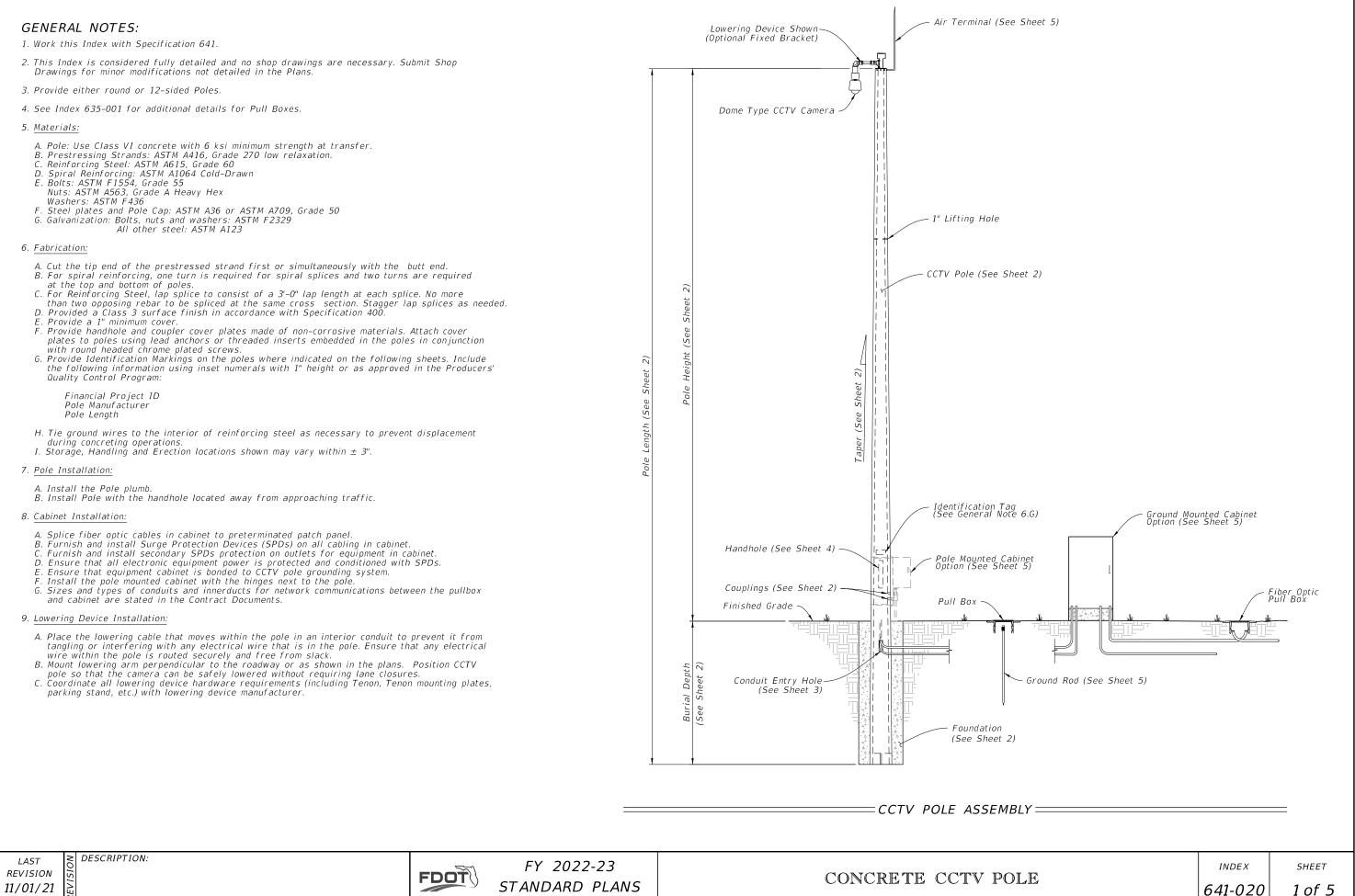






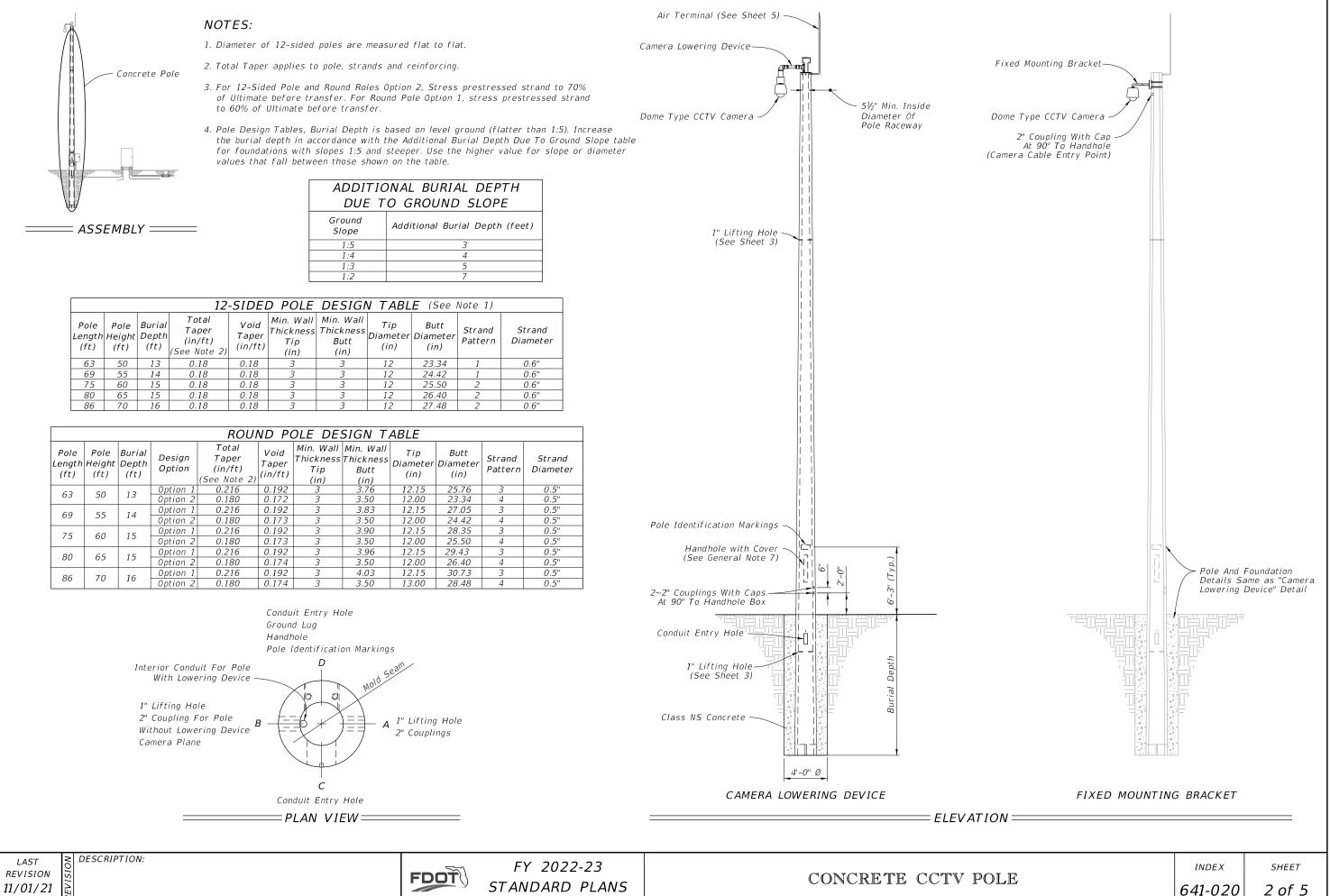
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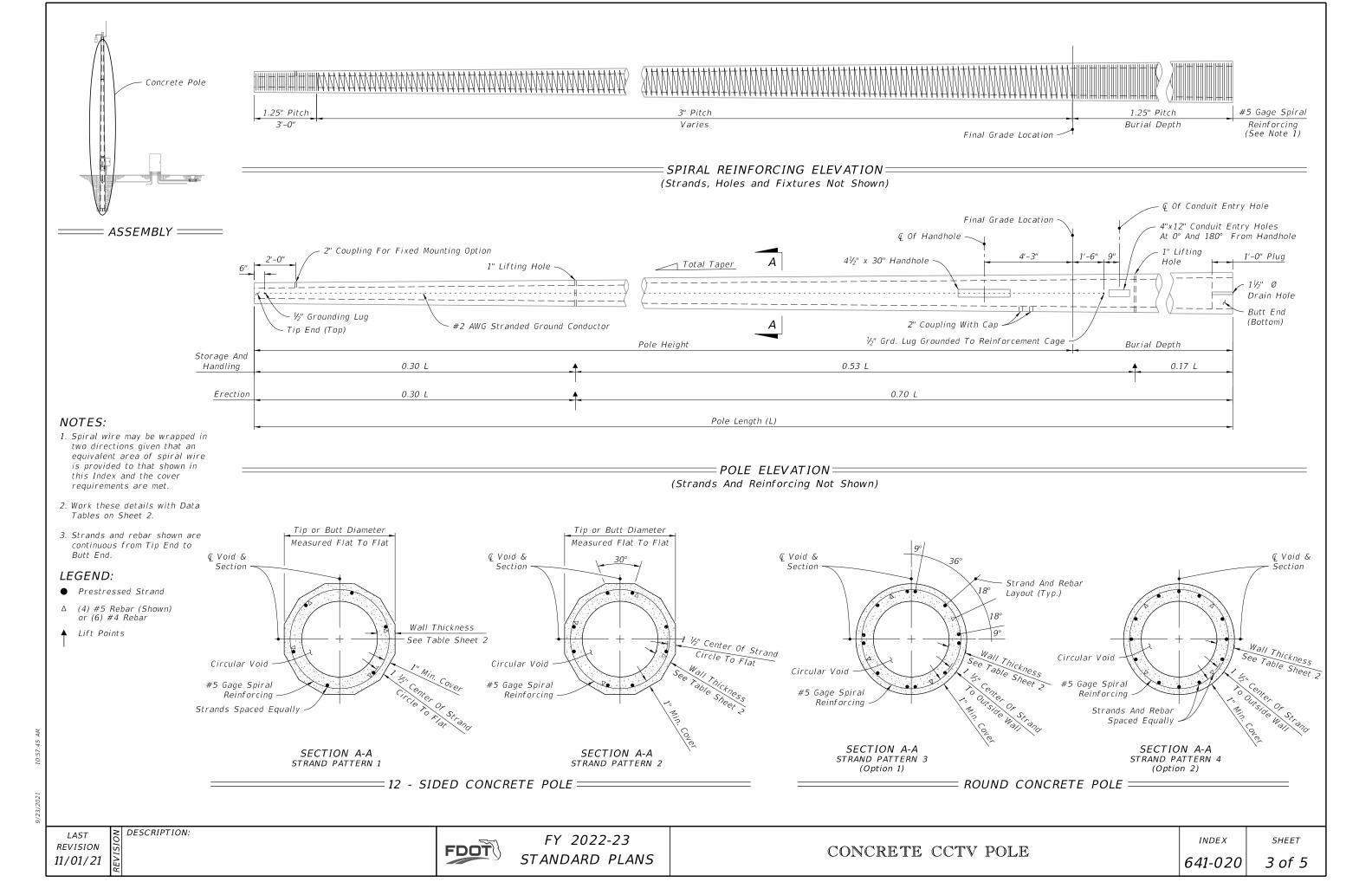


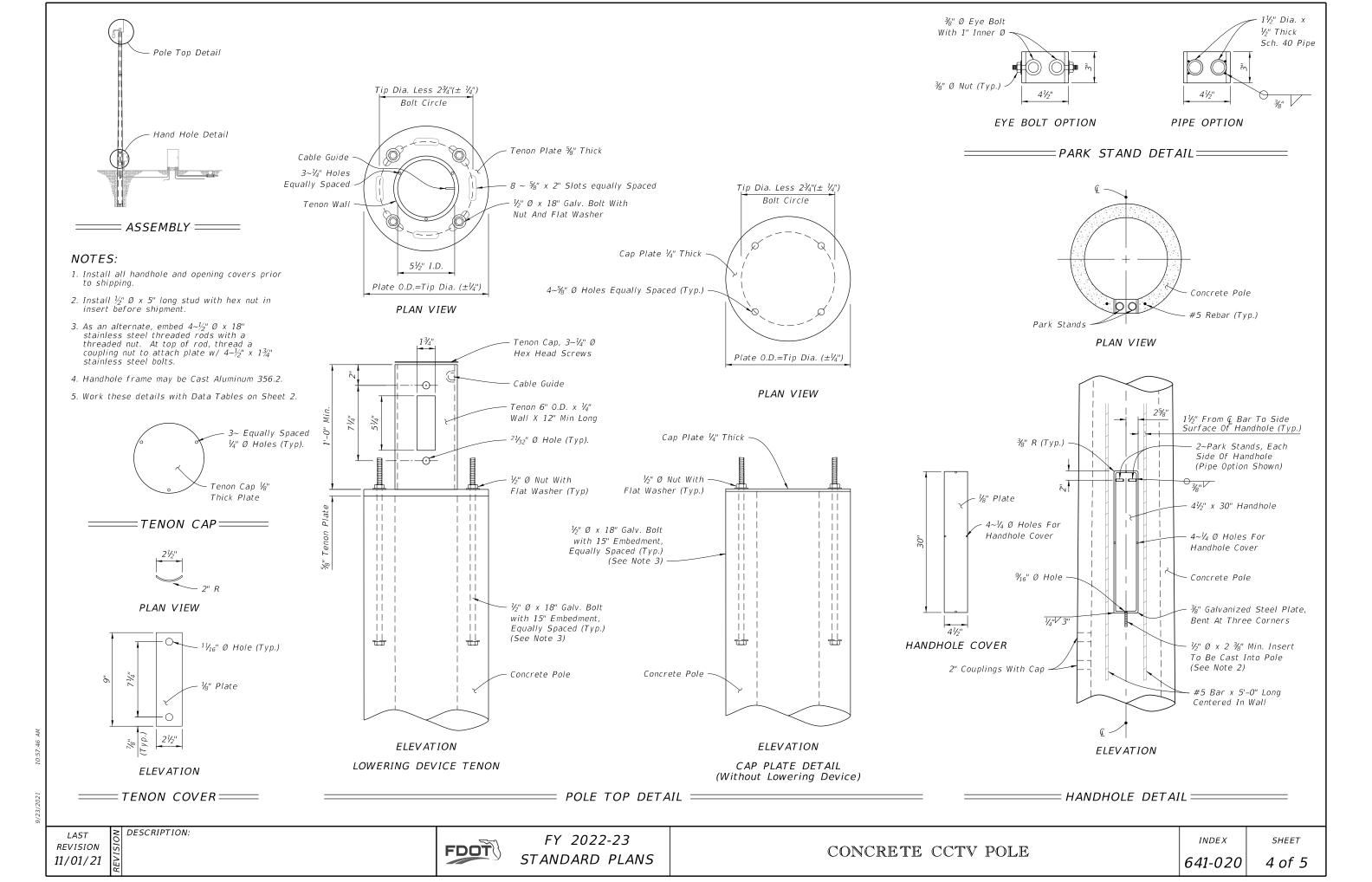
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REVIS	51

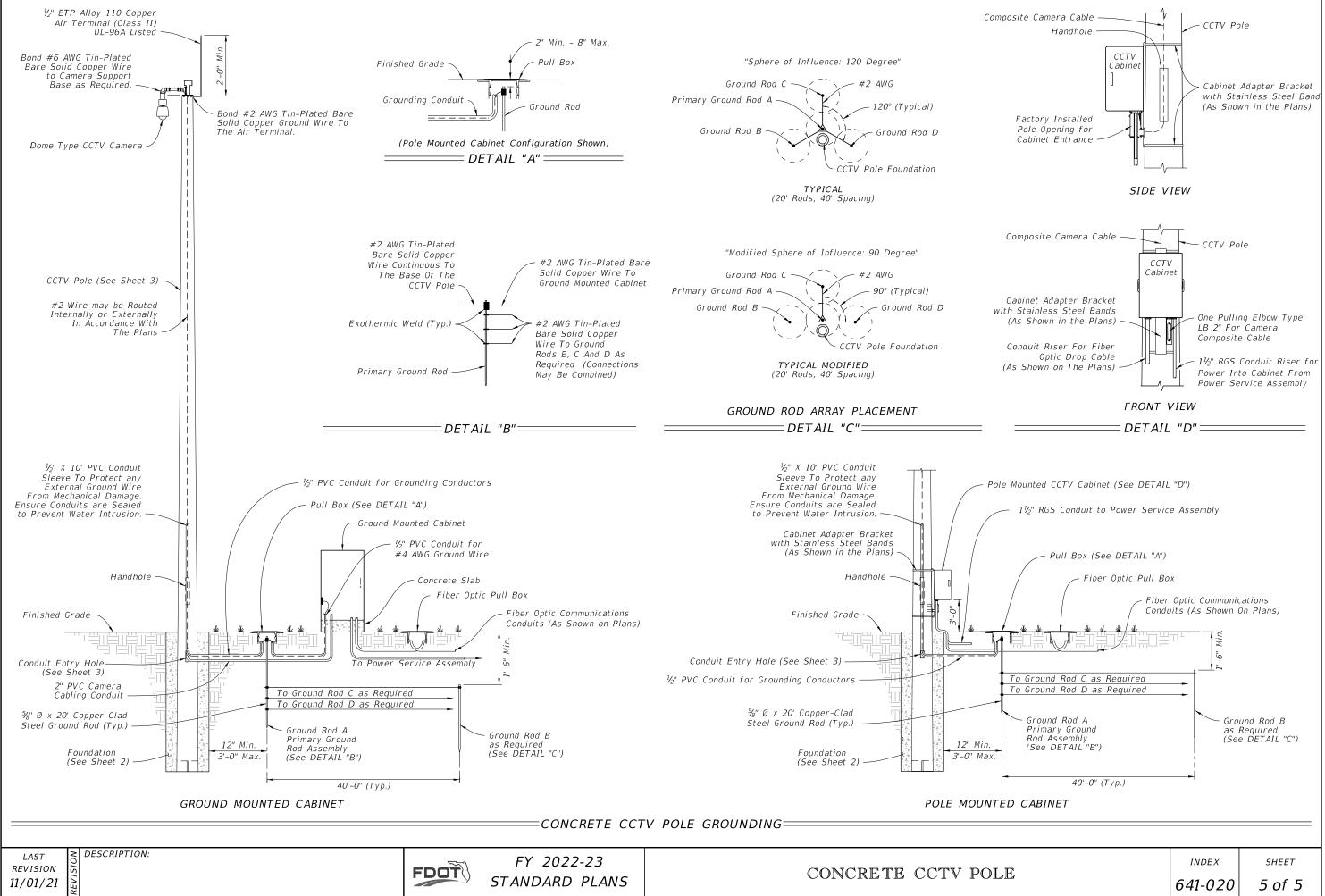




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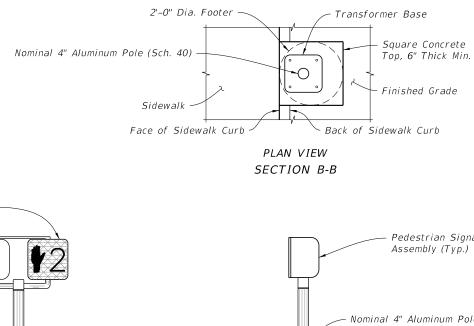


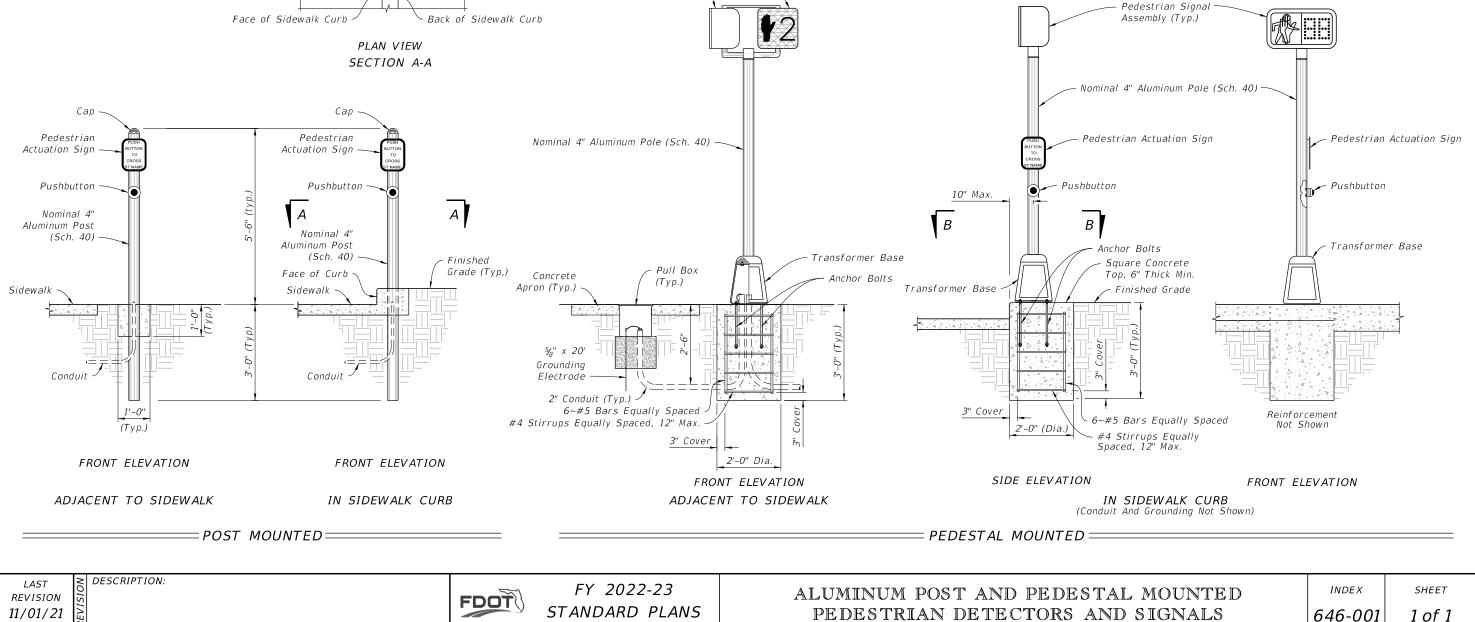


NOTES:

1. Work this Index with Specification 646.

- 2. For Pedestrian Signals see Index 653-001.
- 3. For Pedestrian Detector Assembly (i.e., Pushbutton and Sign) details see Index 665-001.
- 4. Footing may be Cast-In-Place (C-I-P) or Precast.
- 5. As an alternative to the direct buried "Post Mounted" Pedestrian Detector Assembly shown below, the post may be installed on a transformer base. Use a transformer base included on the APL approved as an alternative to a "Post Mounted" assembly, 1'-0'' Nominal 4" Aluminum Post (Sch. 40) Sidewalk ιõ Finished Grade







STANDARD PLANS

Pedestrian Signal Assembly (Typ.) -

PEDESTRIAN DETECTORS AND SIGNALS

NOTES:

1. Work with Index 634-001 for grounding and span wire details. See the Plans for clamp spacing, cable sizes and forces, signals and sign mounting locations and details.

2. Shop Drawings:

This Index is considered fully detailed, only submit shop drawings for minor modifications not detailed in the Plans.

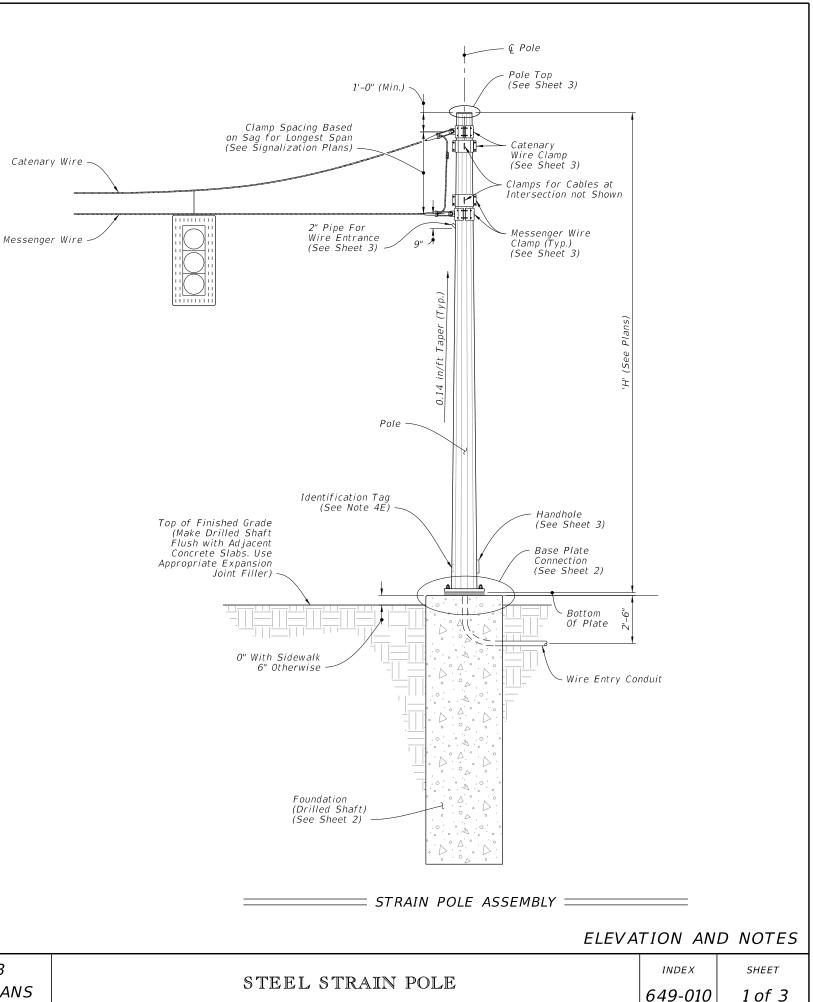
3. Materials:

- A. Strain Pole and Backing Rings:
 - a. Less than $\frac{3}{16}$ ": ASTM A1011 Grade 50, 55, 60 or 65
 - b. Greater than or equal to $\frac{3}{16}$ ": ASTM A572 Grade 50, 55, 60 or 65
 - c. ASTM A595 Grade A (55 ksi yield) or Grade B (60 ksi yield)
- B. Steel Plates: ASTM A36
- C. Weld Metal: E70XX
- D. Bolts, Nuts and Washers:
 - a. High Strength Bolts: ASTM F3125, Grade A325, Type 1 b. Nuts: ASTM A563 Grade DH Heavy-Hex
 - c. Washers: ASTM F436 Type 1, one under turned element
- E. Anchor Bolts, Nuts and Washers.
- a. Anchor Bolts: ASTM F1554 Grade 55
- b. Nuts: ASTM A563 Grade A Heavy-Hex (5 per anchor bolt)
- c. Plate Washers: ASTM A36 (2 per bolt). Split-lock washers and
- self-locking nuts are not permitted
- F. Handhole Frame: ASTM A709 or ASTM A36, Grade 36
- G. Handhole Cover: ASTM A1011 Grade 50, 55, 60 or 65
- H. Aluminum Pole Caps and Nut Covers: ASTM B26 (319-F)
- I. Stainless Steel Screws: AISI Type 316
- J. Threaded Bars/Studs: ASTM A36 or ASTM A307
- K. Concrete: Class IV (Drilled Shaft) for all environmental classifications.
- L. Reinforcing Steel: Specification 415

4. Fabrication:

- A. Pole Taper: Change diameter at a rate of 0.14 inches per foot, round or 12-sided (Min.)
- B. Upright splices are not permitted. Transverse welds are only permitted at the base. C. Provide bolt hole diameters as follows:
 - a. Bolts (except Anchor Bolts): Bolt diameter plus y_{16} ", prior to galvanizing. b. Anchor Bolts: Bolt diameter plus 1/2", maximum.
- D. Locate handhole 180° from 2" wire entrance pipe.
- E. Identification Tag: (Submit details for approval.)
 - a. 2"x 4" (Max.) aluminum identification tag.
 - b. Locate on the inside of the pole and visible from the handhole. c. Secure to pole with 1/8" diameter stainless steel rivets or screws.

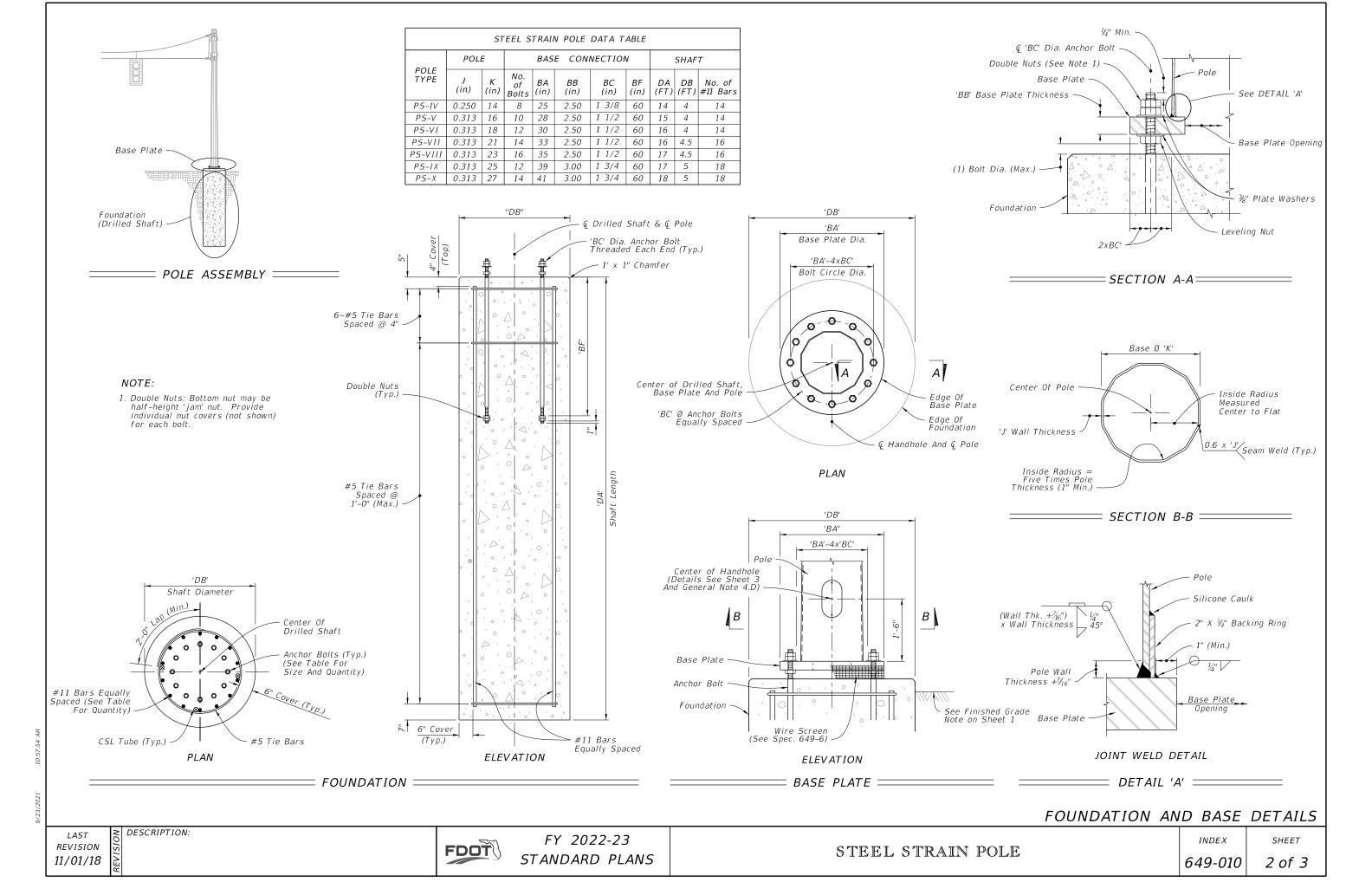
 - d. Include the following information on the ID Tag:
 - 1. Financial Project ID
 - 2. Pole Type 3. Pole height
 - 4. Manufacturers' Name
 - 5. Fy of Steel
- 6. Base Wall Thickness F. Provide a 'J' or 'C' hook at the top of the pole for signal wiring support (See Sheet 3).
- G. Perform all welding in accordance with Specification 460–6.4. H. Fabricate longitudinal seam welds in pole with 60 percent minimum penetration or
- fusion welds except, within 6" of the base plate connection use full-penetration aroove welds I. Hot Dip Galvanize after fabrication.
- 5. Coatings:
 - A. All Nuts, Bolts, Washers and Threaded Bars/Studs: ASTM F2329 B. All other steel items including plate washers: ASTM A123
- 6. Construction:
 - A. Foundation: Specification 455, except that payment is included in the cost of the strain pole.
 - B. After installation, place wire screen between top of foundation and bottom of base plate in accordance with Specification 649-6.

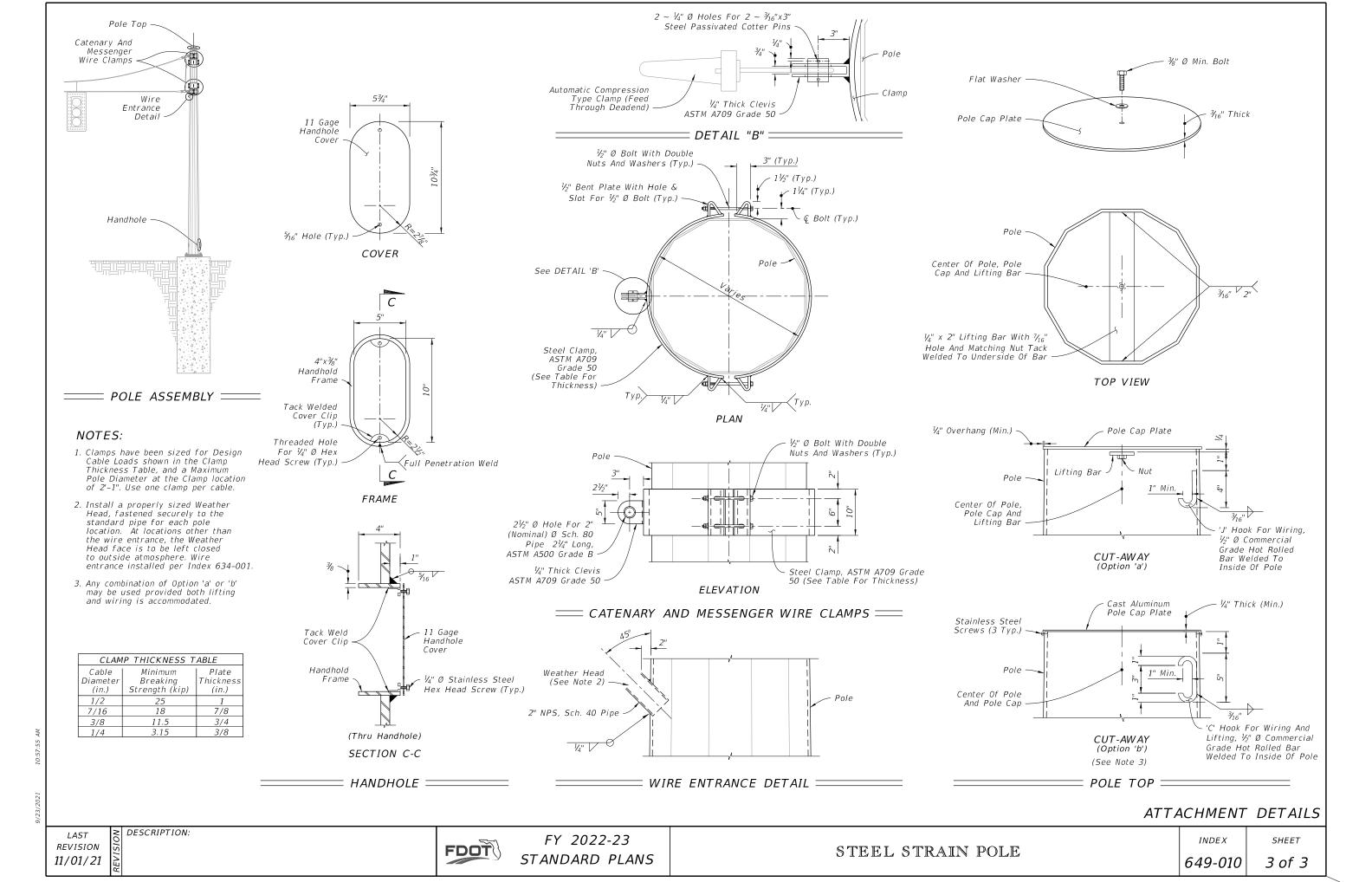


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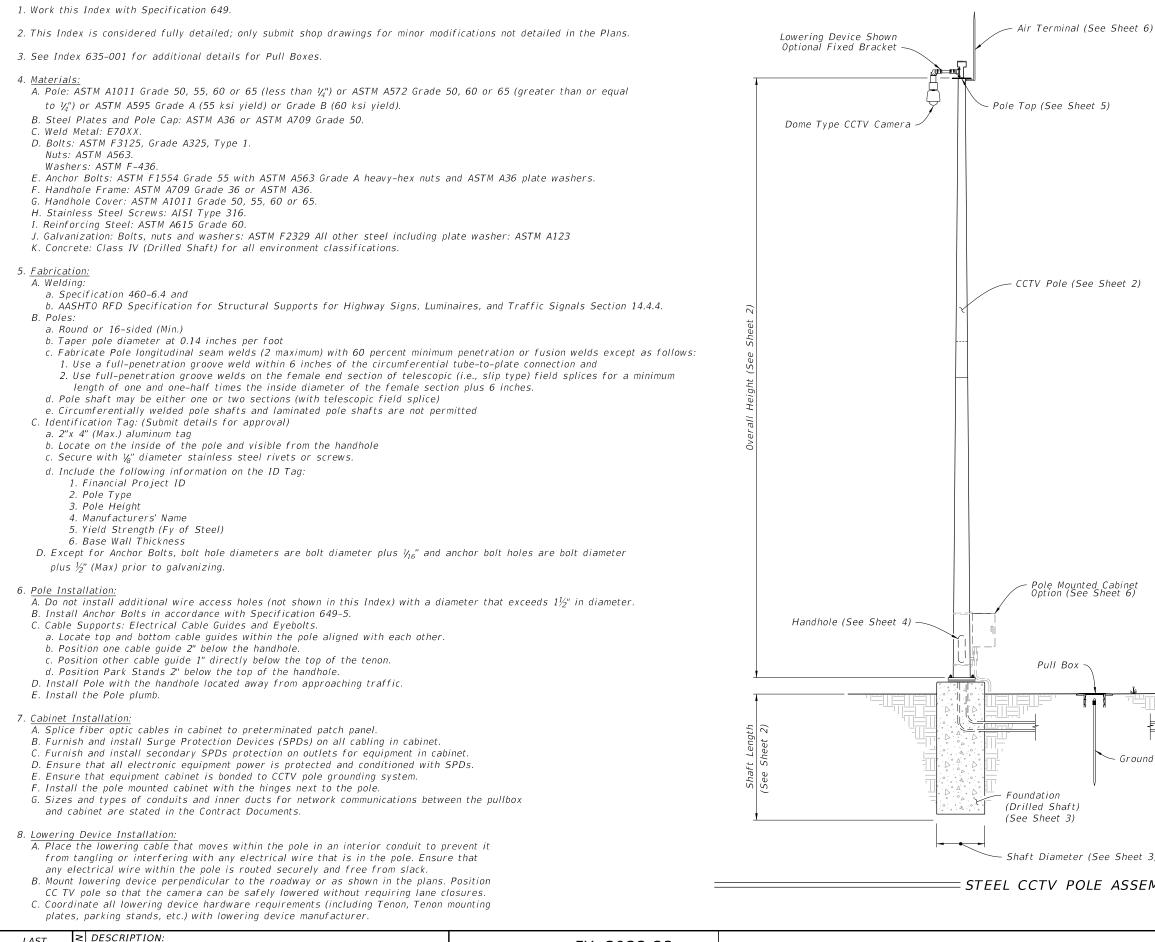
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GENERAL NOTES:



FY 2022-23

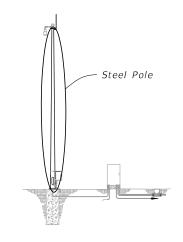
STANDARD PLANS

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Ground Moun Option (See Finish Grade		iber Optic JII Box		
nd Rod (See Sheet 5)				
3)				
MBLY				
	INDEX	SHEET		
	649-020	1 of 6		



SHAFT DESIGN TABLE							
Pole Overall Height (ft)	Shaft Diameter	Shaft Length	Longitudinal Reinforcement				
50	4'-0''	11'-0"	(14) #11				
55	4'-0''	12'-0"	(14) #11				
60	4'-6"	13'-0''	(16) #11				
65	4'-6"	13'-0"	(16) #11				
70	5'-0''	14'-0''	(18) #11				

= ASSEMBLY =====

	ONAL SHAFT O GROUND	
Ground Slope	4'-0" Shaft Diameter	5'–0" Shaft Diameter
1:5	3'-0"	4'-0''
1:4	4'-0"	5'-0"
1:3	5'-0''	6'-0''
1:2	7'-0"	9'-0''

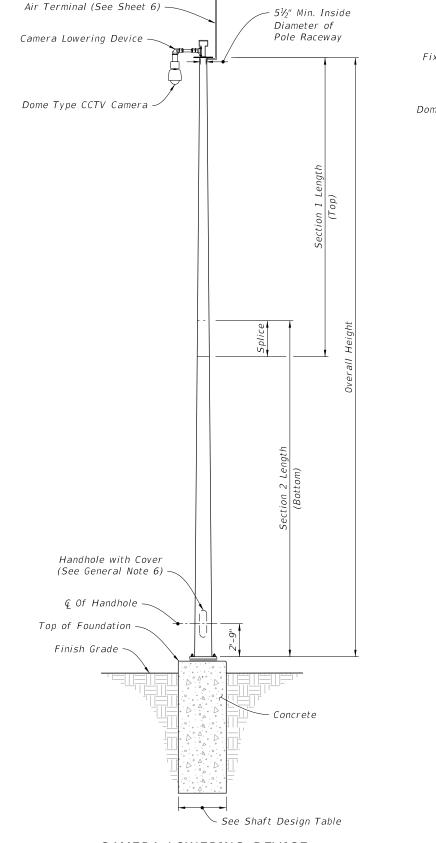
FOUNDATION NOTES:

1. Shaft Length is based on 1'-0" height above the finished grade.

2. Shaft Design Table Shaft Length is based on level ground (flatter than 1:5). Increase the shaft depth in accordance with the Additional Shaft Depth Due To Ground Slope table for foundations with slopes 1:5 and steeper. Use the higher value for slope or diameter values that fall between those shown on the table.

BASE PLATE AND ANCHOR BOLT DESIGN TABLE							
Pole Overall Height (ft)		Base Plate Thickness (in.)		Number of Bolts			Minimum Anchor Bolt Projection (in.)
50	27	2.5	22	6	1.25	31	8.5
55	28	2.5	23	6	1.25	33	8.5
60	33	2.5	27	6	1.50	34	9.5
65	35	2.5	29	6	1.50	35	9.5
70	40	2.5	33	6	1.75	38	10.5

POLE DESIGN TABLE							
Pole Overall	S	ection 1 (Toj	o)	Se	ction 2 (Botto	om)	Joint
Height (ft)	Length	Wall Thickness (in.)	Base Diameter (in.)	Length	Wall Thickness (in.)	Base Diameter (in.)	Minimum Splice Length (in.)
50				50'-0"	0.25	17	
50	25'-0"	0.25	14	28'-0"	0.25	17	27
55	30'-0''	0.25	15	28'-0"	0.3125	18	30
60	35'-0"	0.25	18	29'-0"	0.3125	21	33
65	33'-0"	0.25	19	36'-0"	0.3125	23	33
70	38'-0''	0.25	22	36'-0"	0.3125	26	39



CAMERA LOWERING DEVICE

= ELEVATION ===

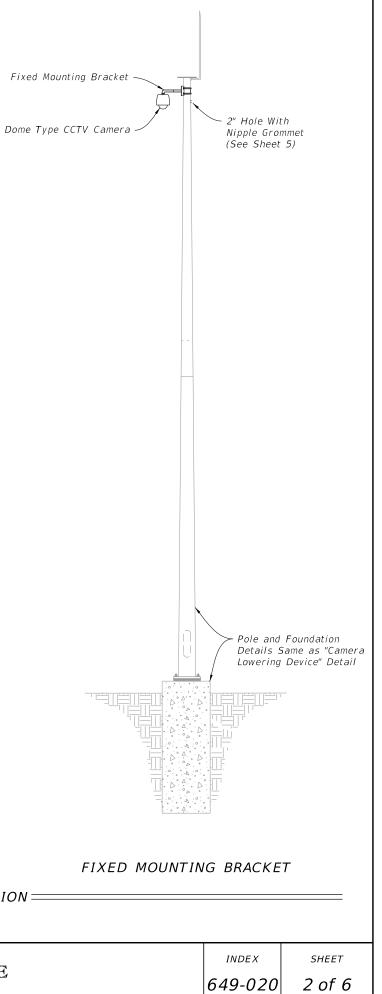
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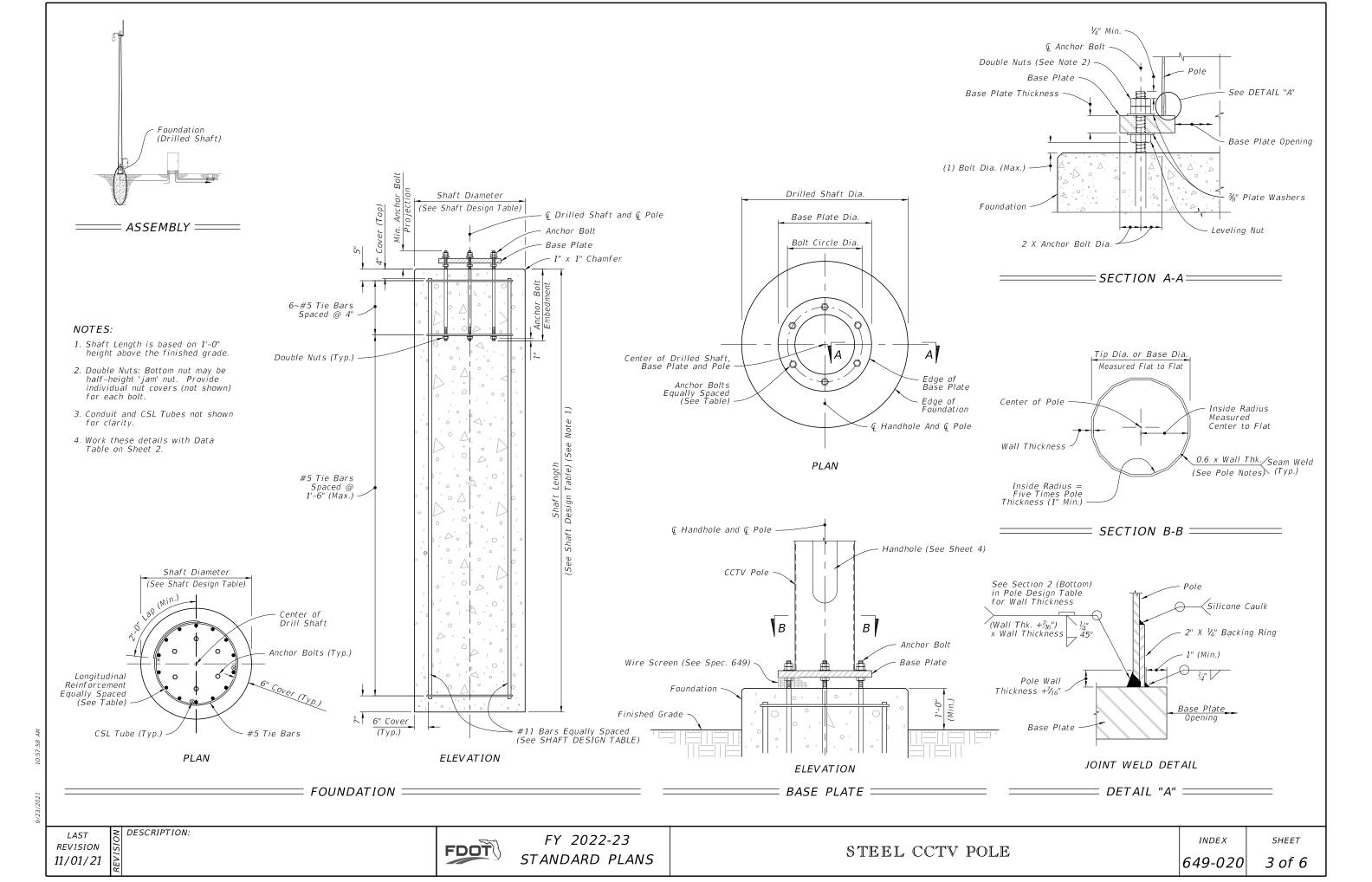
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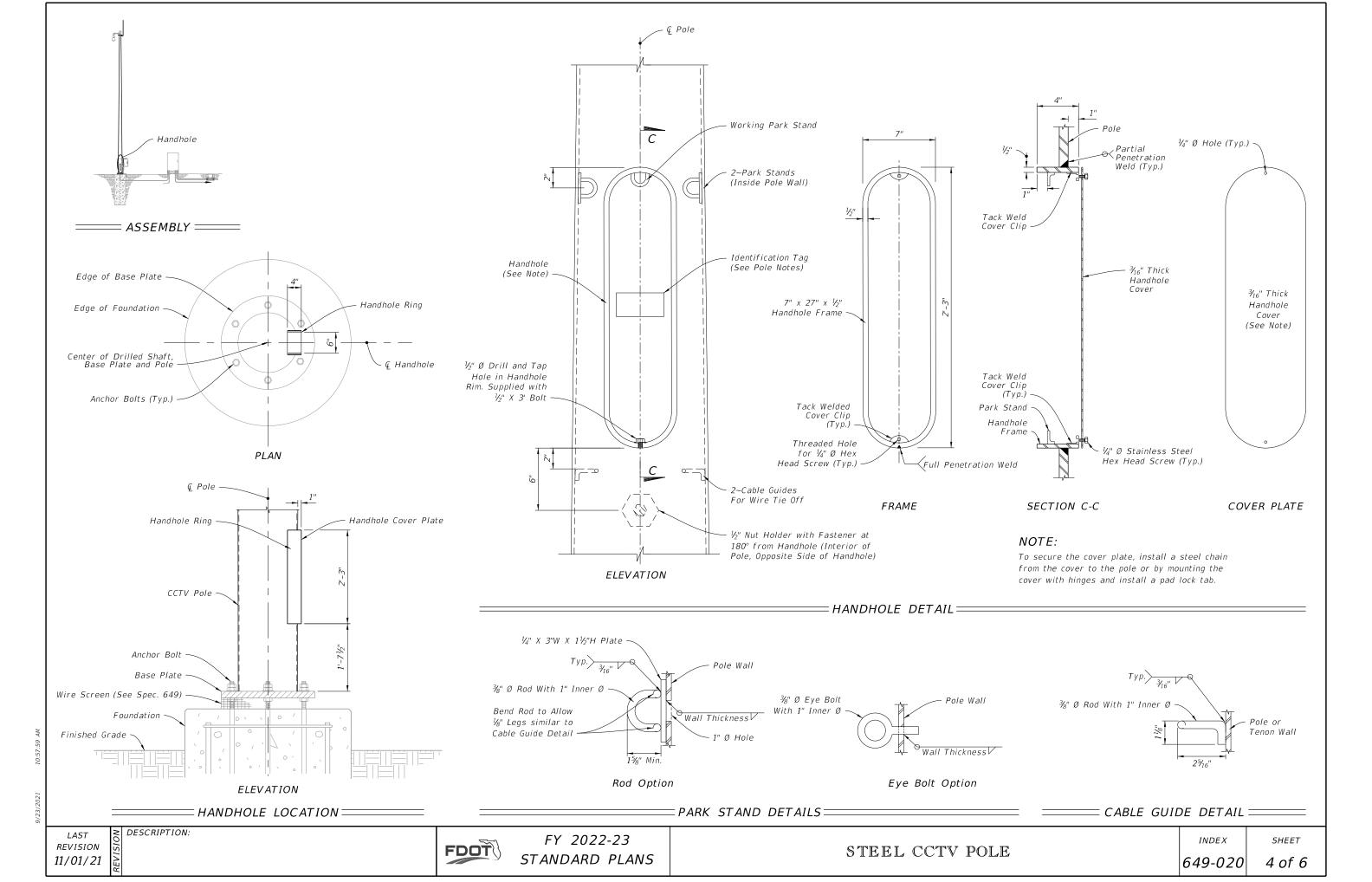


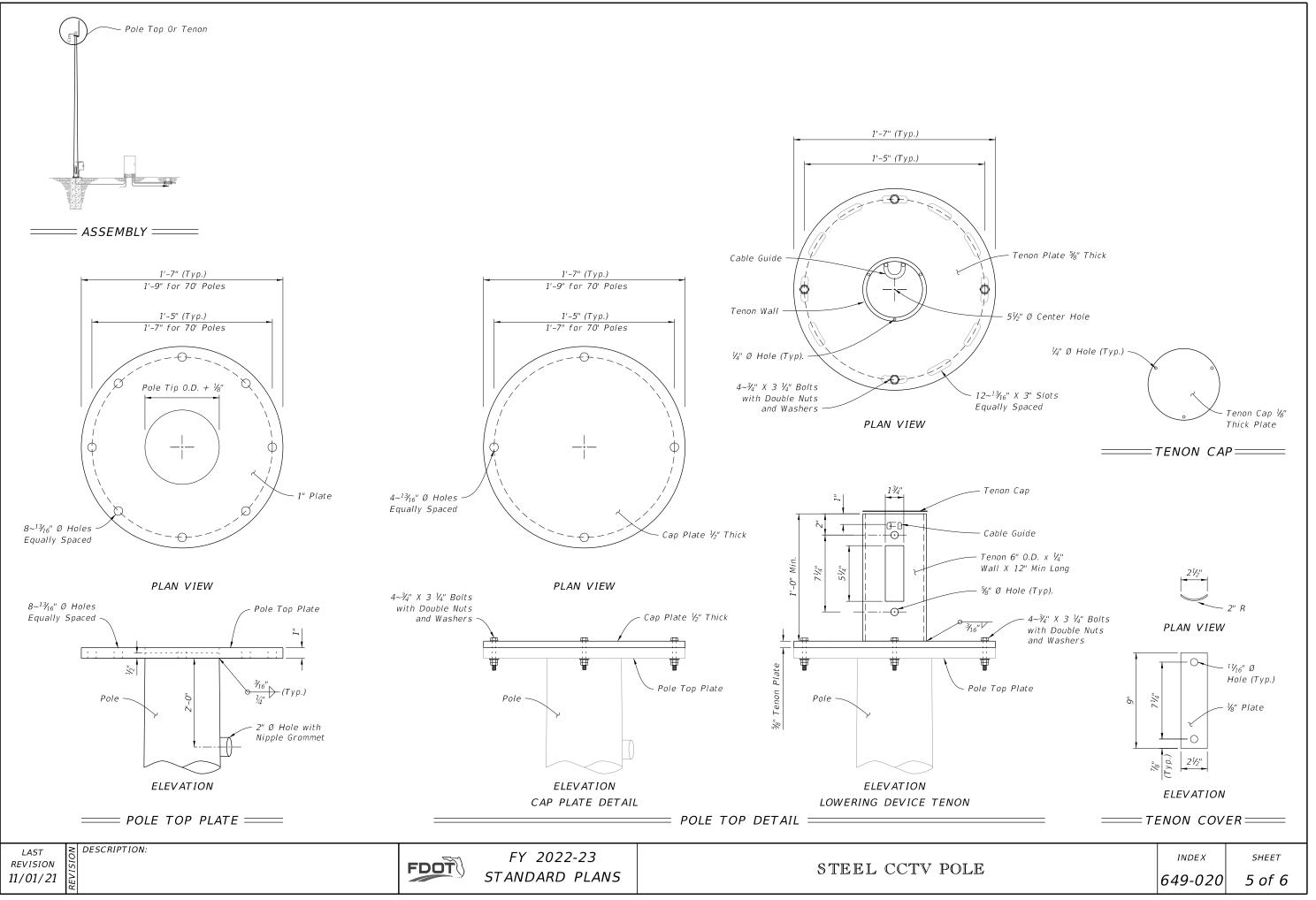
FY 2022-23 STANDARD PLANS

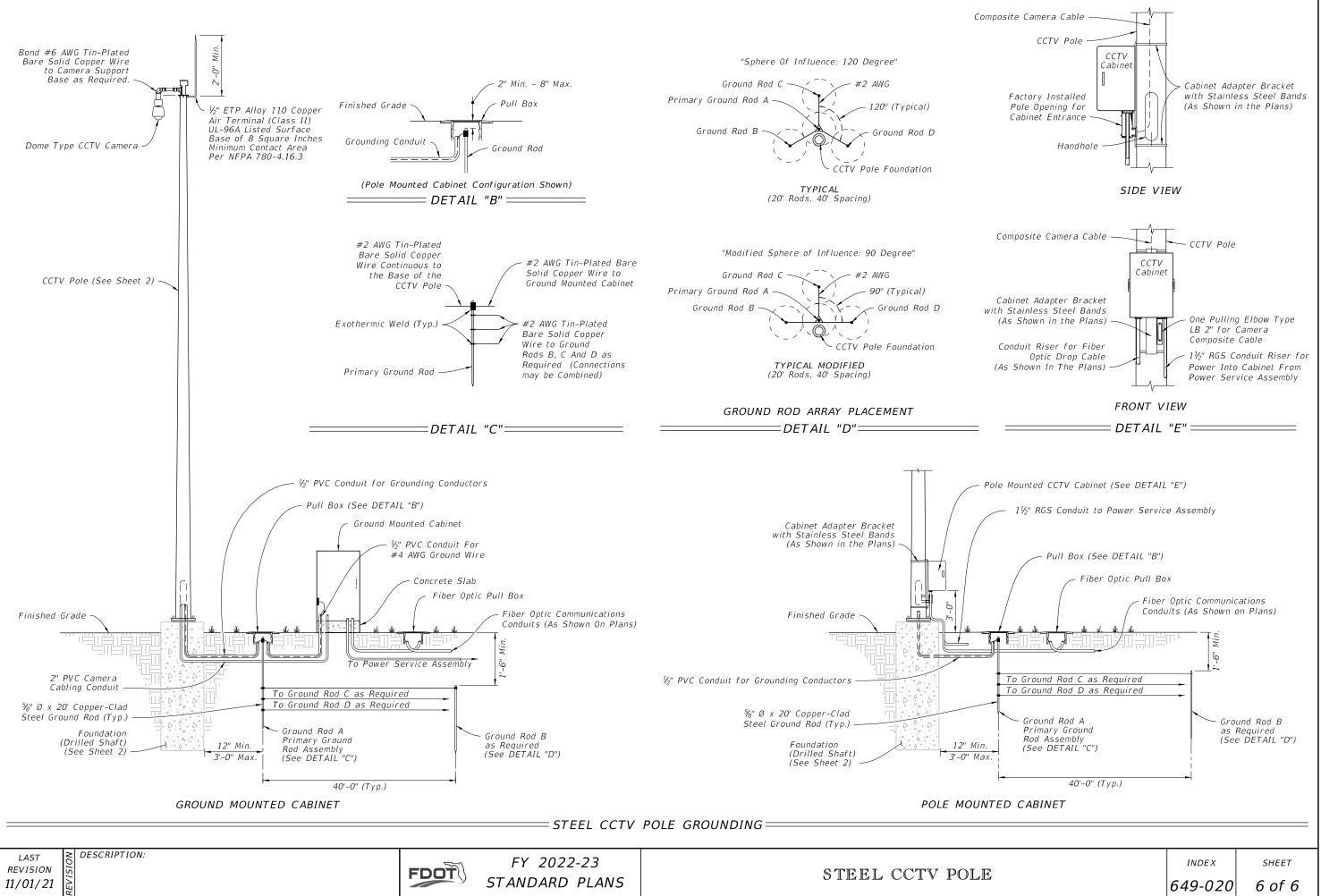
STEEL CCTV POLE











			ARM A	ND BA	SE PL	ATE				
Arm ID Axx-ArmLength	Total				sion	Base Plate				
S-SingleArm D-DoubleArm H-HeavyDuty	Arm Length (ft)	FA/SA (ft)	FC/SC (in)	FD/SD (in)	FE/SE (ft)	FG/SG (in)	FH/SH (in)	HT (in)	FJ/SJ (in)	FK/SK (in)
A30/S		30	11	0.250				22	25	
A30/S/H	30	30	12	0.250				22	25	- 3
A30/D		30	11	0.250				30	36	
A30/D/H		30	12	0.250				50	50	
A40/S		40	13	0.250				22	27	
A40/S/H	40	40	14	0.250				22	27	- 3
A40/D	7 40	40	13	0.250				30	36	5
A40/D/H		40	14	0.250				50	50	
A50/S		32.5	12	0.250	20.5	14	0.313	22	29	
A50/S/H	50	32.5	13	0.250	20.5	15		22	25	- 3
A50/D	50	32.5	12	0.250	20.5	14		30	36	2
A50/D/H		32.5	13	0.250	20.5	15		50	30	
A60/S		35.5	12	0.250	27.5	15				
A60/S/H	60	35.5	13	0.250	27.5	16	0.375	30	36	3
A60/D		35.5	12	0.250	27.5	15	0.375	50	50	5
A60/D/H		35.5	13	0.250	27.5	16				
A70/S		38	13	0.250	35	17				
A70/S/H	70	38	14	0.250	35	18	0.375	30	36	3
A70/D		38	13	0.250	35	17	0.375	50	50	
A70/D/H		38	14	0.250	35	18				
A78/S		39	13	0.250	42	18				
A78/S/H	78	39	15	0.250	42	20	0.375	30	36	3
A78/D		39	13	0.250	42	18	0.575	50	36	5
A78/D/H		39	15	0.250	42	20				

						POLE,	BASE	PLATE	AND	ARM C	ONNEC	TION						
Pole ID Px-PoleNo		Upr	ight			В	ase Pla	te		Arm-Upright Connection								
S-SingleArm D-DoubleArm L-Luminaire	UA (ft)	UD (in)	UE (in)	UG (ft)	No. Bolts	BA (in)	BB (in)	BC (in)	BF (in)	HT (in)	FJ/SJ (in)	FL/SL (in)	FN/SN (in)	F0/S0 (in)	FP/SP (in)	FR/SR (in)	FS/SS (in)	FT/ST (in)
P1/S	25									22	25			14		2	8.5	
P1/S/L	39	16	0.375	37.5	6	32	2.5	2	40		25	0.75	0.438	14	1.25	2	0.5	0.438
P1/D	25	10	0.575		U	52	2.5	2	40	.30	.36	0.75	0.450	23	1.25	2.75	12.5	0.450
P1/D/L	39			37.5						50	50			25		2.75	12.5	
P2/S	25									22	27			15		2	8.5	
P2/S/L	39	18	0.375	37.5	6	34	2.5	2	40		27	0.75	0.438	15	1.25		0.5	0.438
P2/D	25	10	0.575		Ū	54	2.5	2	40	30	36	0.75	0.450	23	1.2.5	2.75	12.5	0.450
P2/D/L	39			37.5						50	50			23		2.7 5	12.5	
P3/S	25									22	29			16		2	8.5	
P3/S/L	39	20	0.375	37.5	6	36	2.5	2	40			0.75	0.438		1.25		0.0	0.438
P3/D	25	20	0.57.5		Ũ	50	2.0	_		30	36	05	0.150	23	1123	2.75	12.5	
P3/D/L	39			37.5										2.5		2.7.5	12.05	
P4/S	25													17				
P4/S/L	39	22	0.375	37.5	8	38	2.5	2	40	30	.36	0.75	0.438		1.25	2.5	12.5	0.438
P4/D	25				-									23				
P4/D/L	39			37.5														
P5/S	25													18				
P5/S/L	39	24	0.375	37.5	8	40	2.5	2	40	30	36	0.75	0.5		1.25	2.5	12.5	0.5
P5/D	25													23				
P5/D/L	39			37.5														
P6/S	25													18				
P6/S/L	39	24	0.5	37.5	8	40	2.5	2	40	30	36	0.75	0.625		1.5	2.5	12	0.625
P6/D	25													23				
P6/D/L	39			37.5														
P7/S	25													19				
P7/S/L	39	26	0.5	37.5	8	42	2.5	2	40	30	36	0.75	0.625		1.5	2.5	12	0.625
P7/D	25													23				
P7/D/L	39			37.5														

DRILLED SHAFT								
Drilled Shaft ID	DA (ft)	DB (ft)	RA	RB	RC	RD (in)	RE	RF (in)
DS/12/4.0	12	4.0	11	14	8	12		
DS/12/4.5	12	4.5	11	16	8	12		
DS/14/4.5	14	4.5	11	16	10	8		
DS/14/5.0	14	5.0	11	18	10	8		
DS/16/4.5	16	4.5	11	16	10	8		
DS/16/5.0	16	5.0	11	18	10	8		
DS/18/5.0	18	5.0	11	18	10	8		
DS/20/5.0	20	5.0	11	18	10	6	10	9
DS/25/5.0	25	5.0	11	18	10	6	10	9

LUMINAIRE AND CONNECTION											
LA (ft)	LB (ft)	LC (in)	LD (in)	LE	LF (ft)	LG (in)	LH (in)	LJ (in)	LK (in)	LL (deg)	UG (ft)
40	10	3	0.125	0.5	8	0.5	0.75	0.25	0.25	0	37.5

NOTE:

1. Work this Index with Index 649-031.

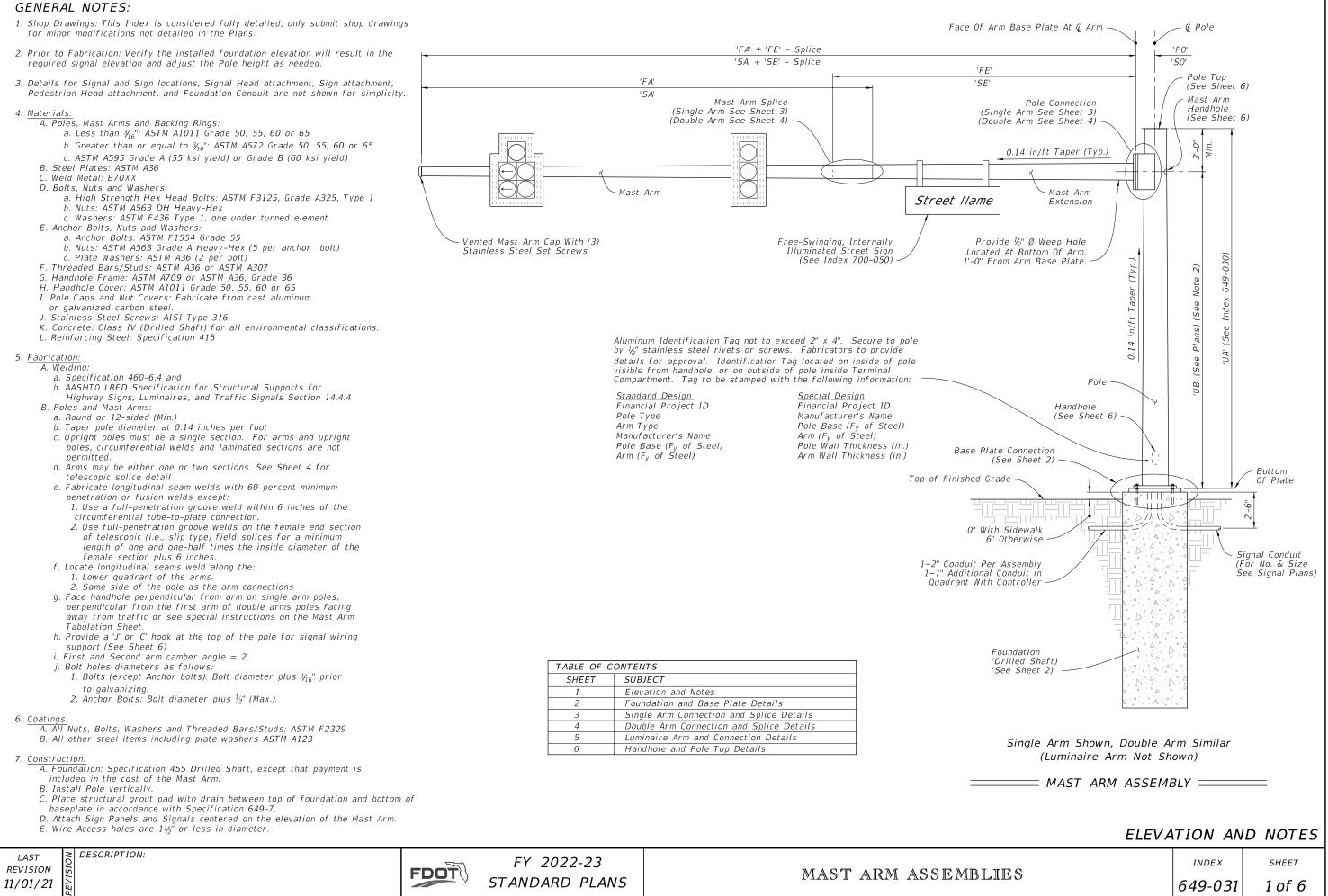
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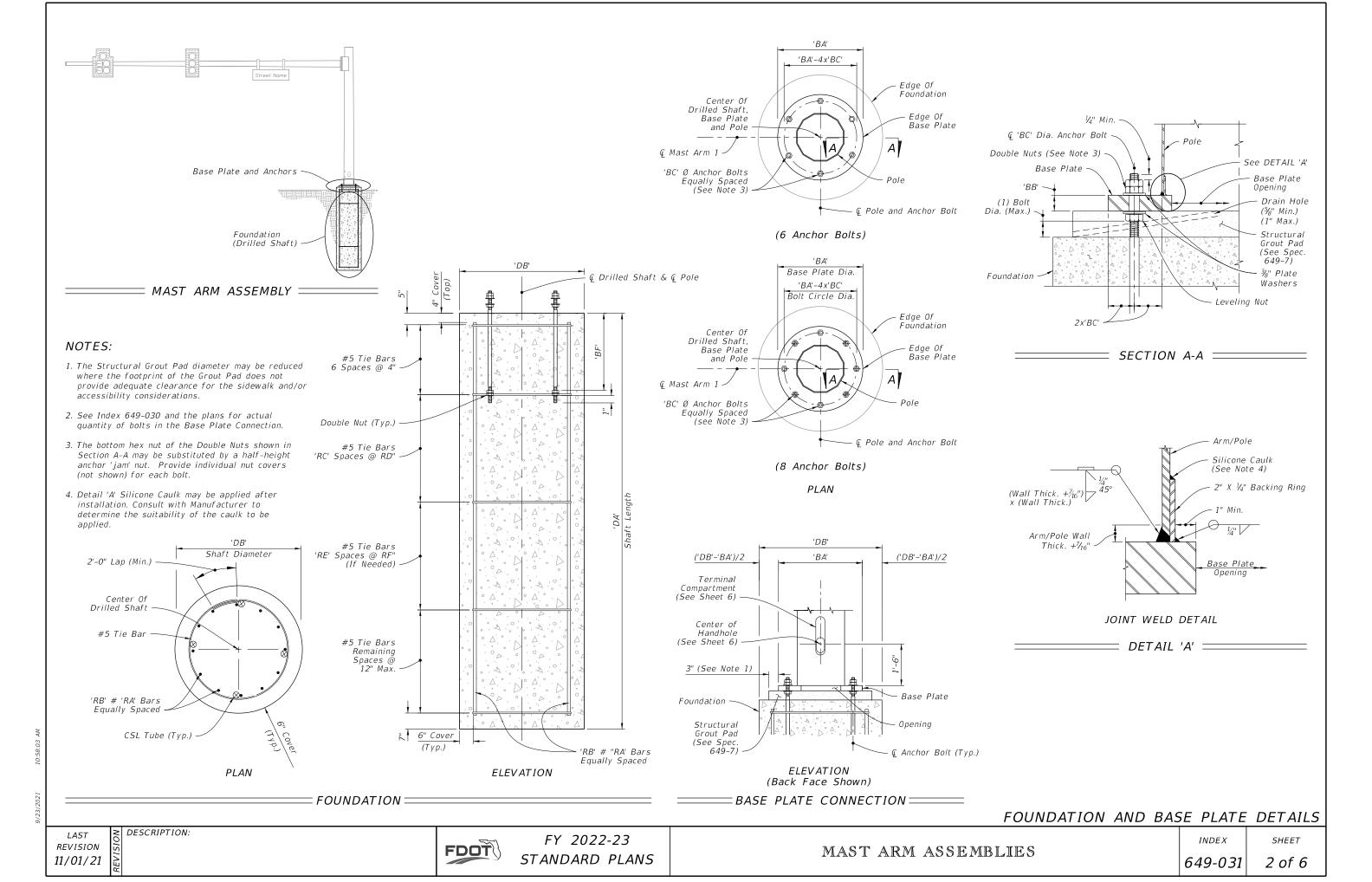


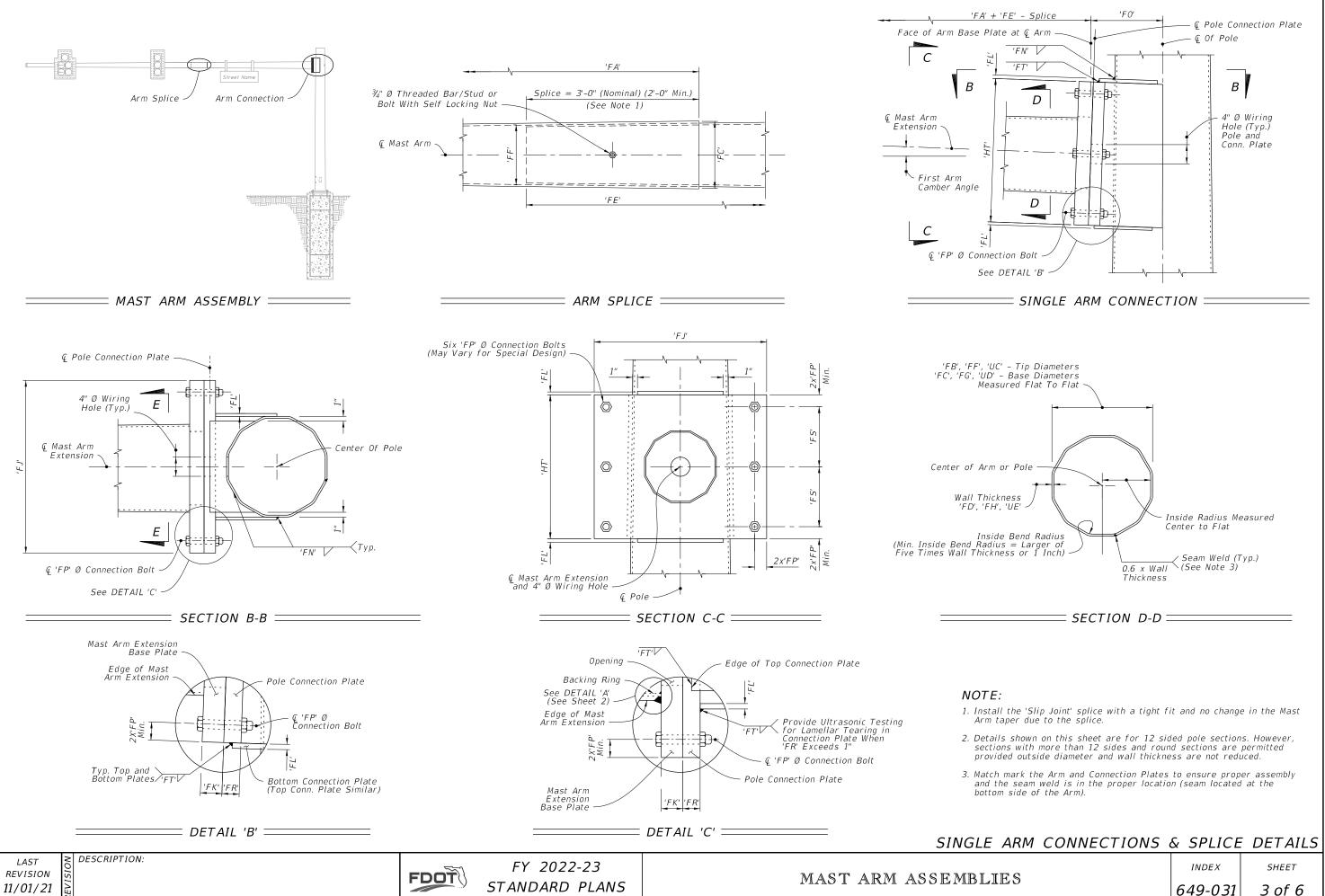
STANDARD MAST ARM ASSEMB

	INDEX	SHEET
BLIES	649-030	1 of 1

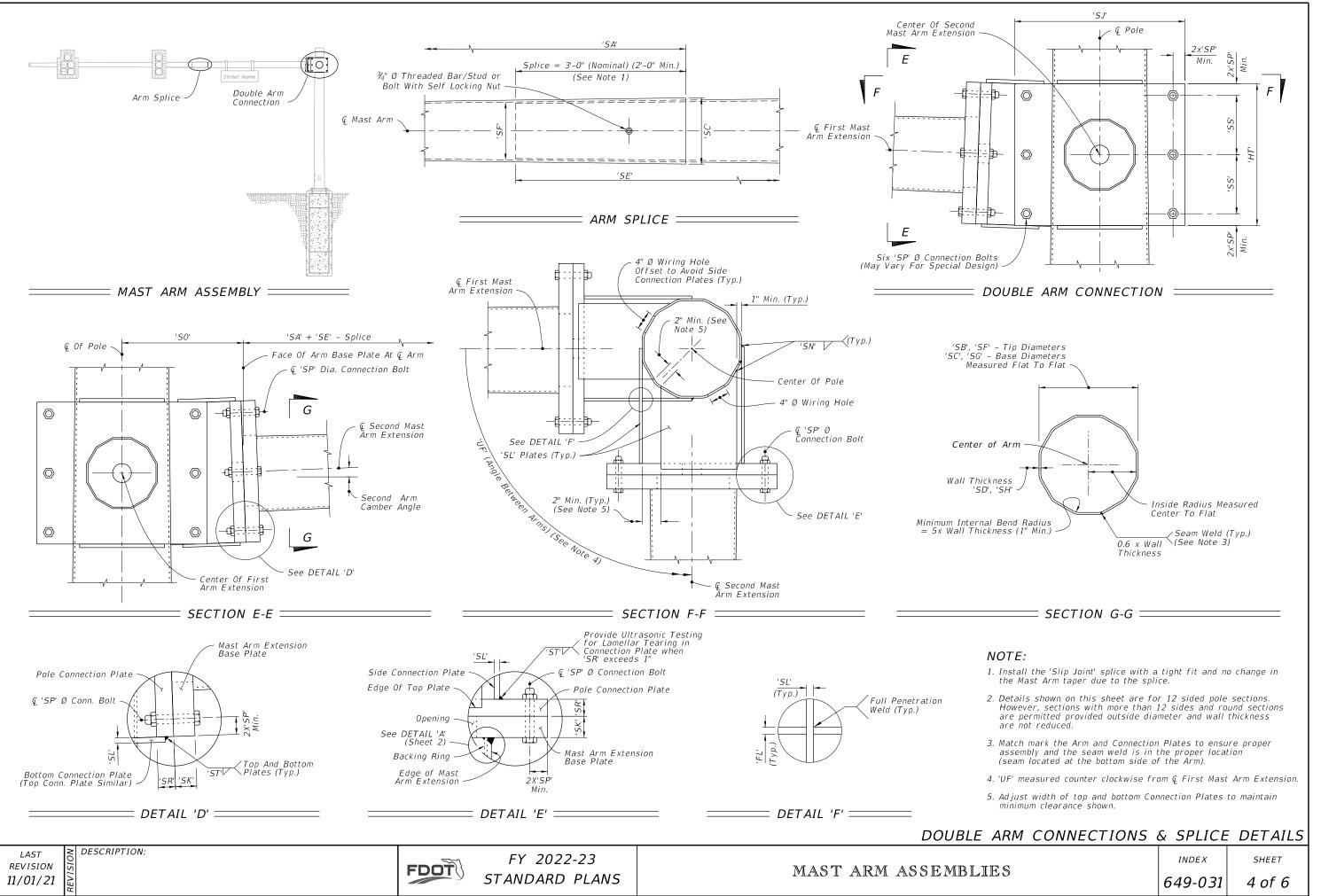


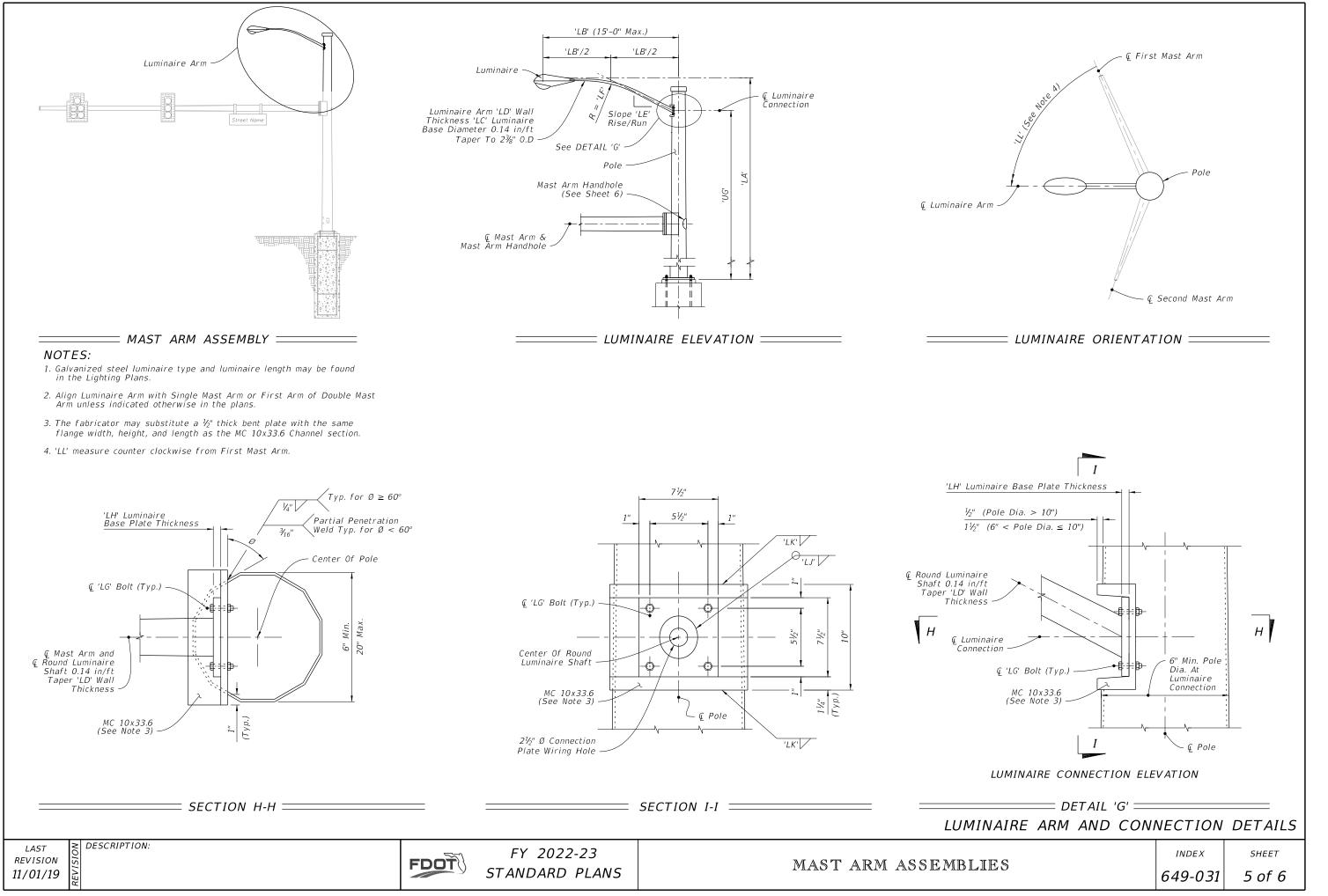
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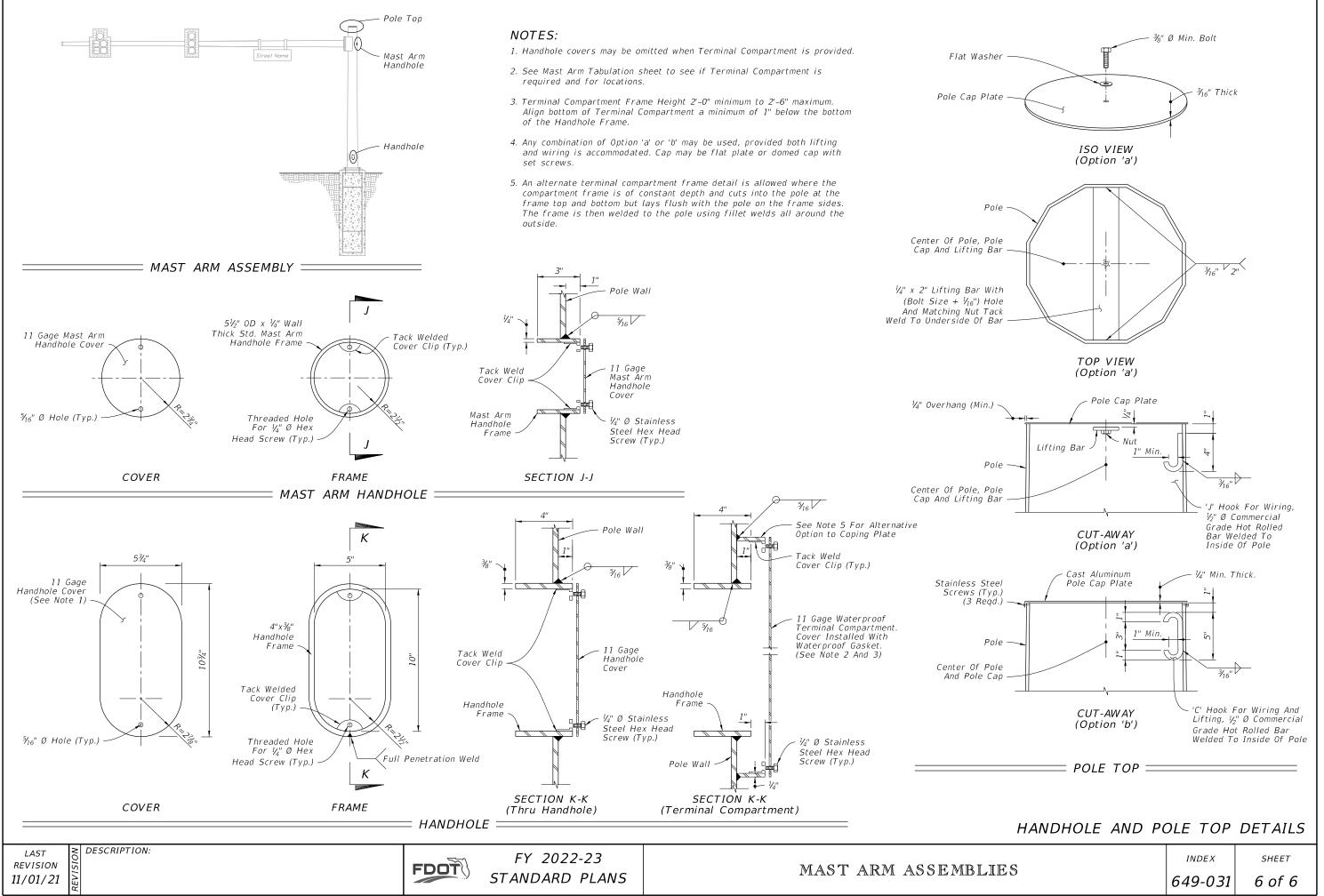




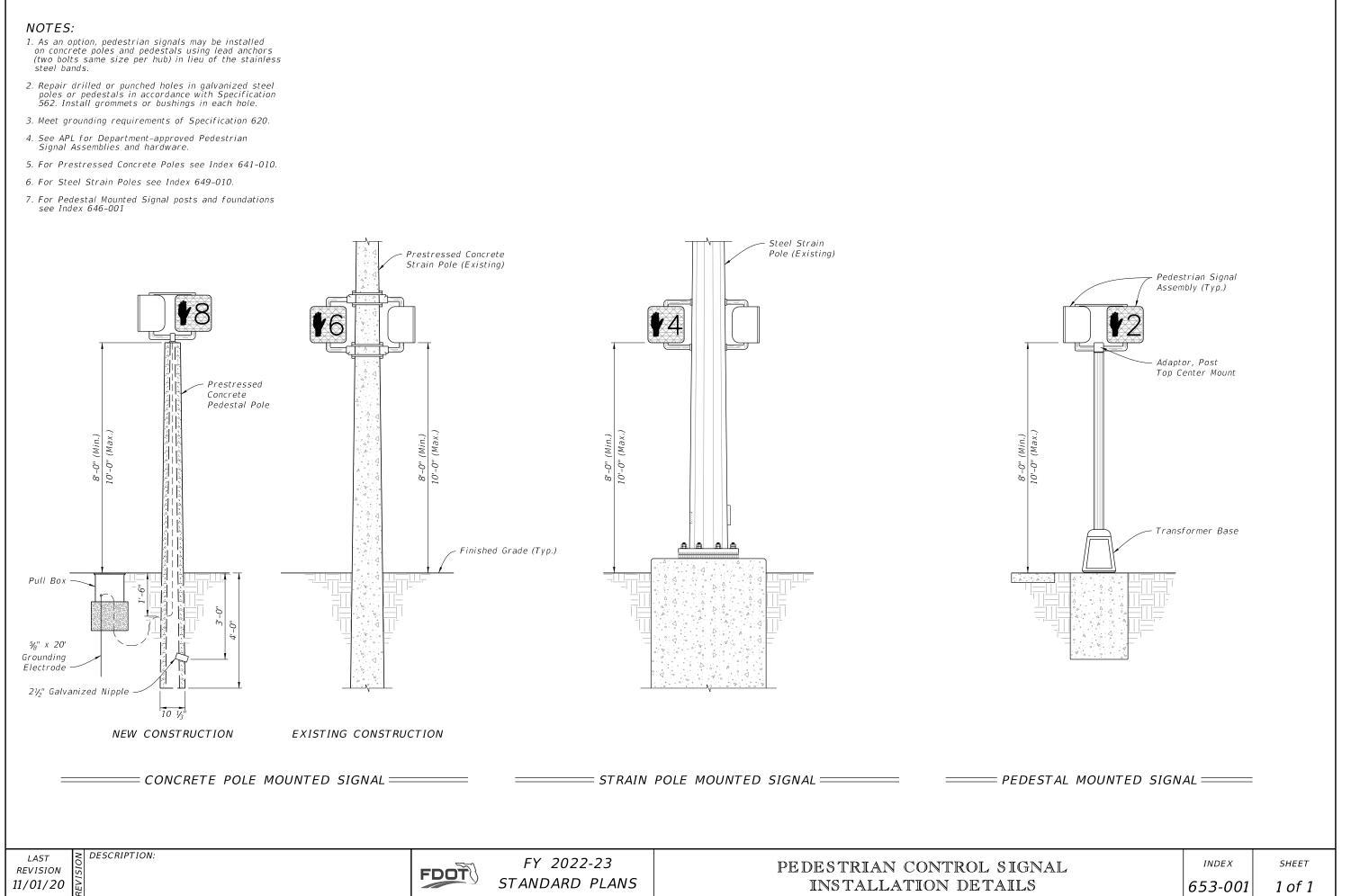
M CONNECTIONS	& SPLICE	DETAILS
	INDEX	SHEET
	649-031	3 of 6

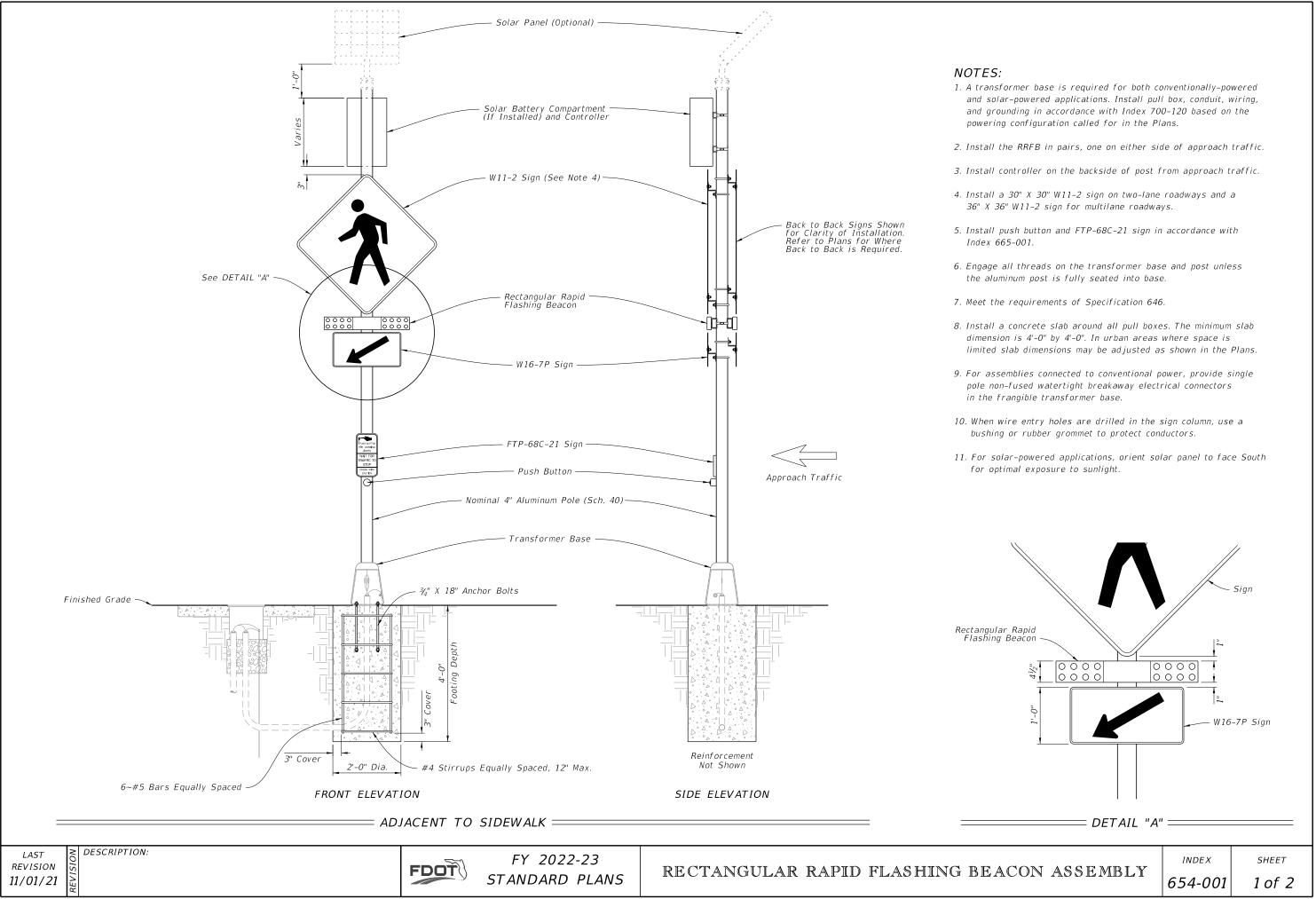


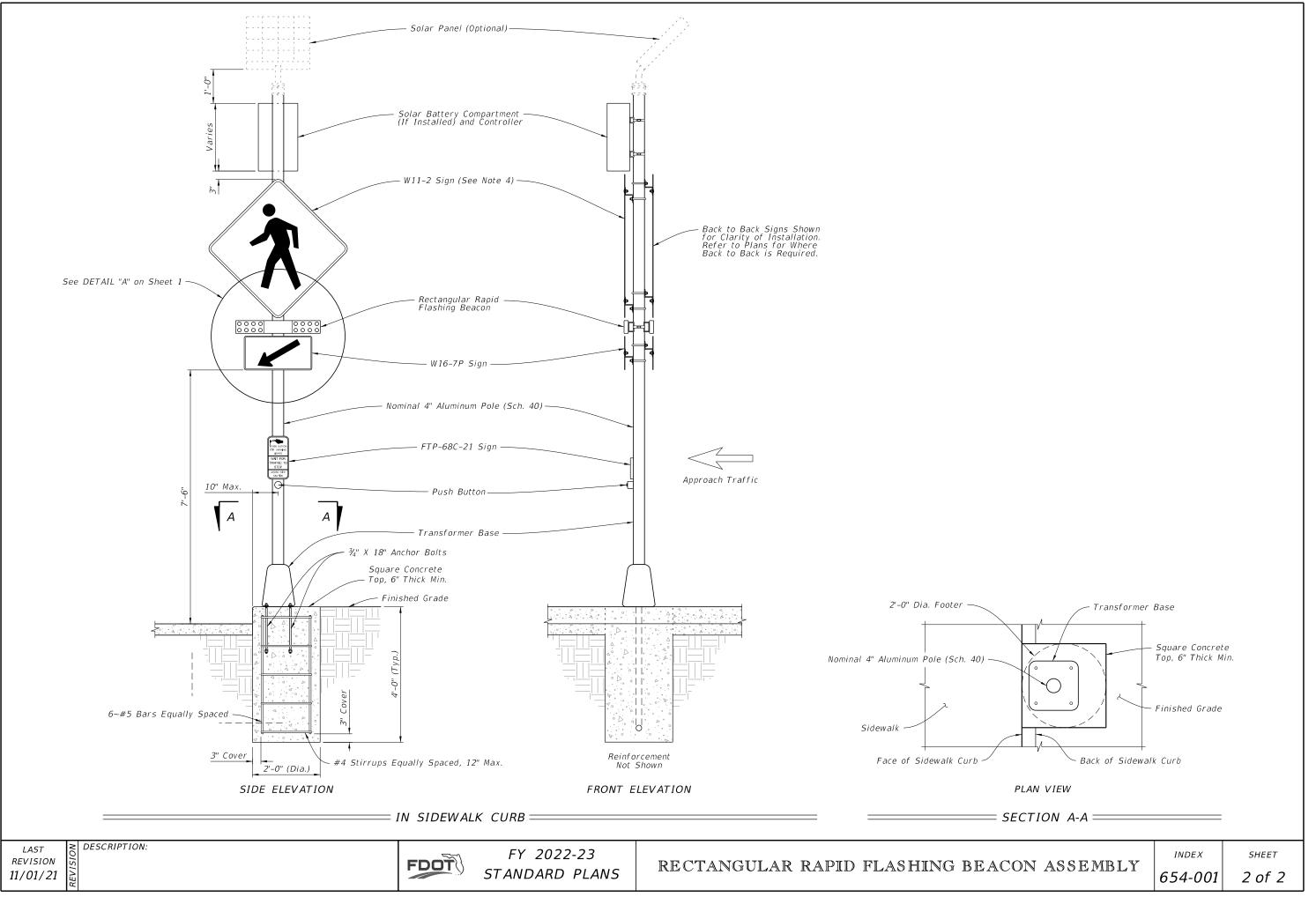




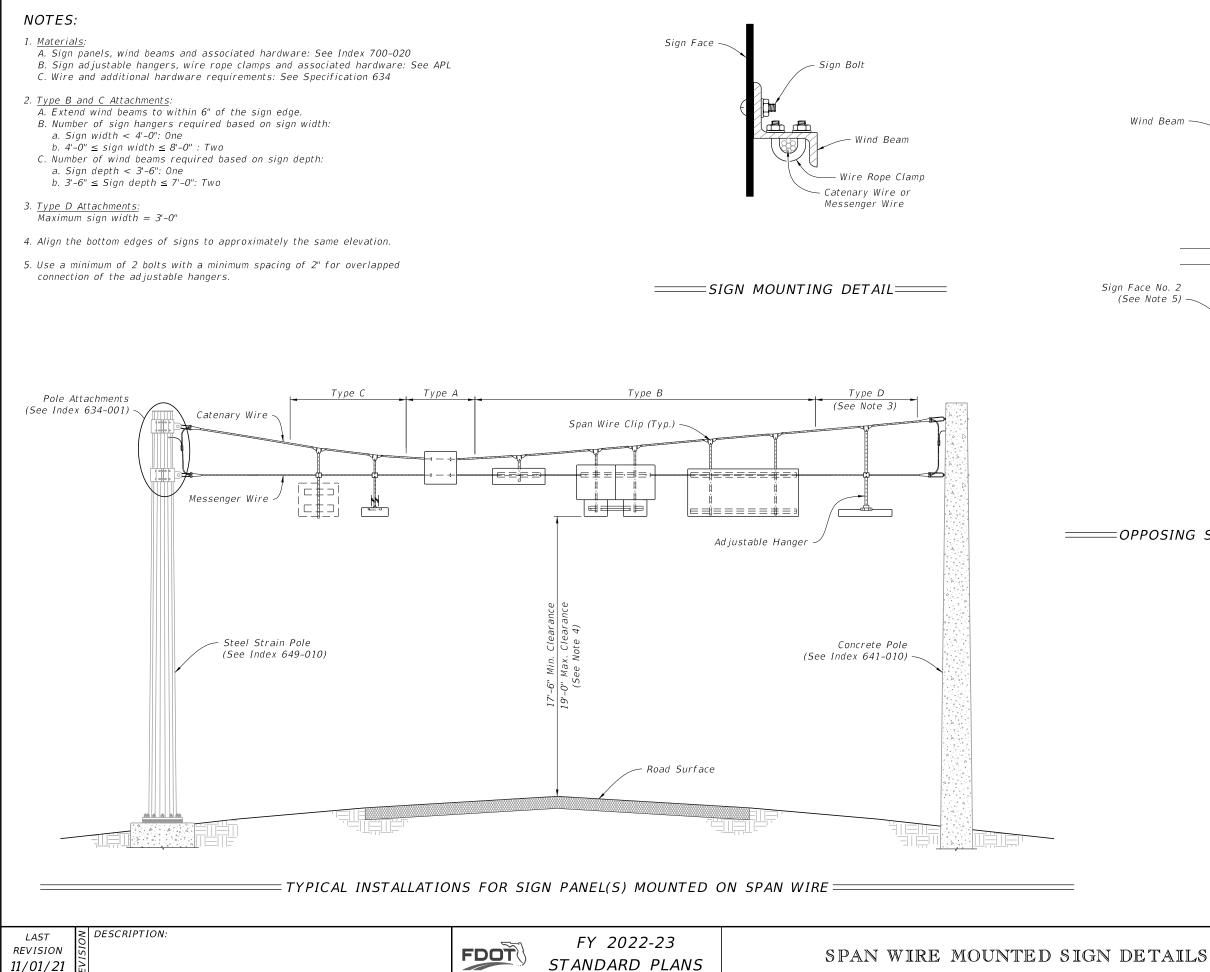
- steel bands.



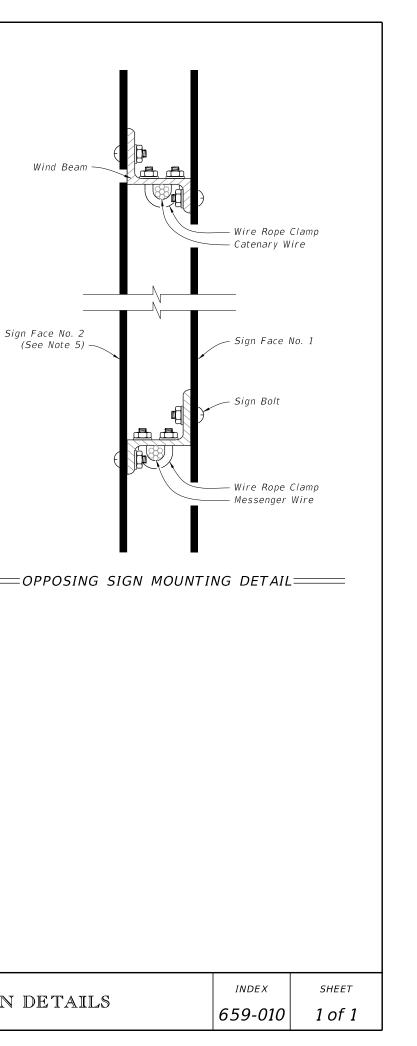


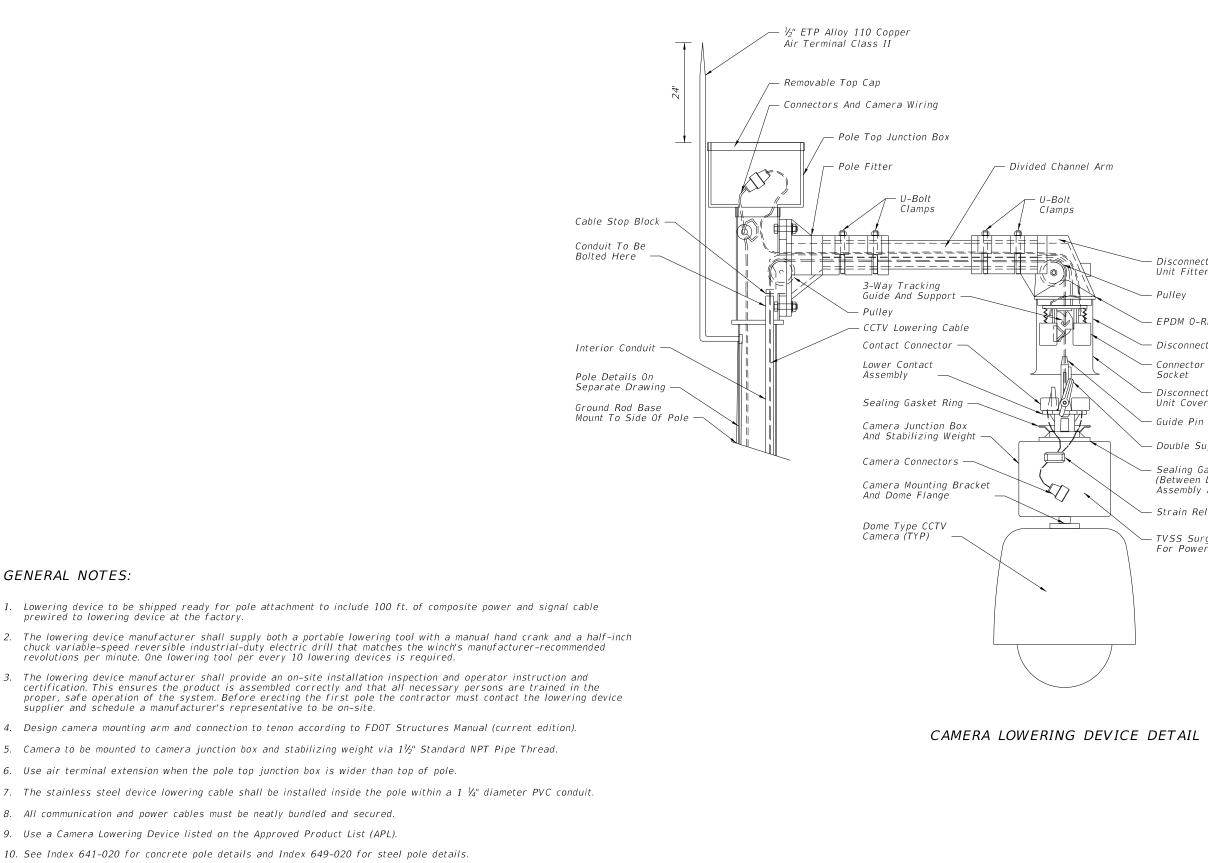


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prewired to lowering device at the factory.

- 2. The lowering device manufacturer shall supply both a portable lowering tool with a manual hand crank and a half-inch chuck variable-speed reversible industrial-duty electric drill that matches the winch's manufacturer-recommended revolutions per minute. One lowering tool per every 10 lowering devices is required. 3. The lowering device manufacturer shall provide an on-site installation inspection and operator instruction and certification. This ensures the product is assembled correctly and that all necessary persons are trained in the proper, safe operation of the system. Before erecting the first pole the contractor must contact the lowering device supplier and schedule a manufacturer's representative to be on-site. 4. Design camera mounting arm and connection to tenon according to FDOT Structures Manual (current edition). 5. Camera to be mounted to camera junction box and stabilizing weight via $1\frac{1}{2}$ " Standard NPT Pipe Thread. 6. Use air terminal extension when the pole top junction box is wider than top of pole. 7. The stainless steel device lowering cable shall be installed inside the pole within a 1 $\frac{1}{4''}$ diameter PVC conduit. 8. All communication and power cables must be neatly bundled and secured.
- 9. Use a Camera Lowering Device listed on the Approved Product List (APL).
- 10. See Index 641-020 for concrete pole details and Index 649-020 for steel pole details.

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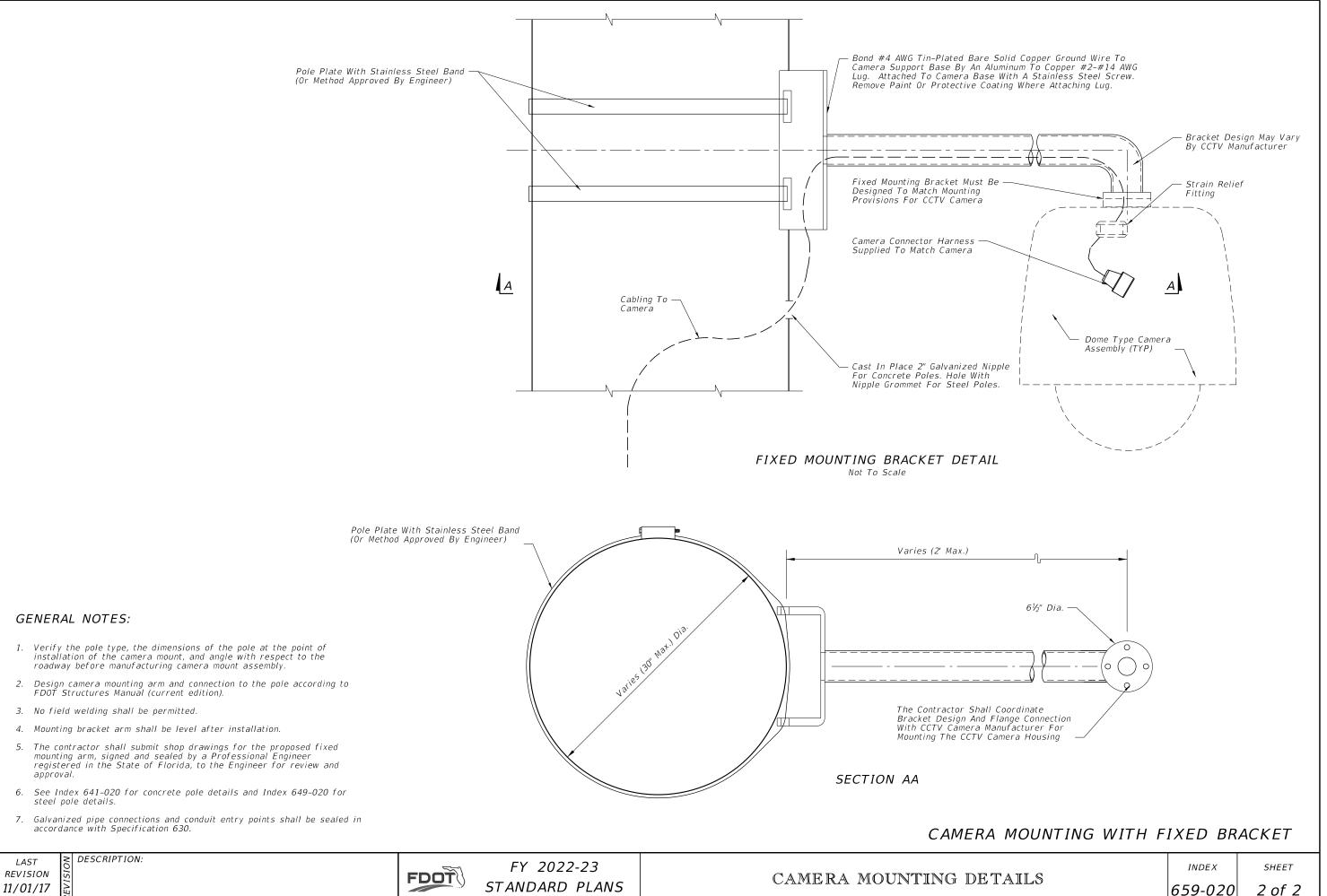
FY 2022-23

STANDARD PLANS

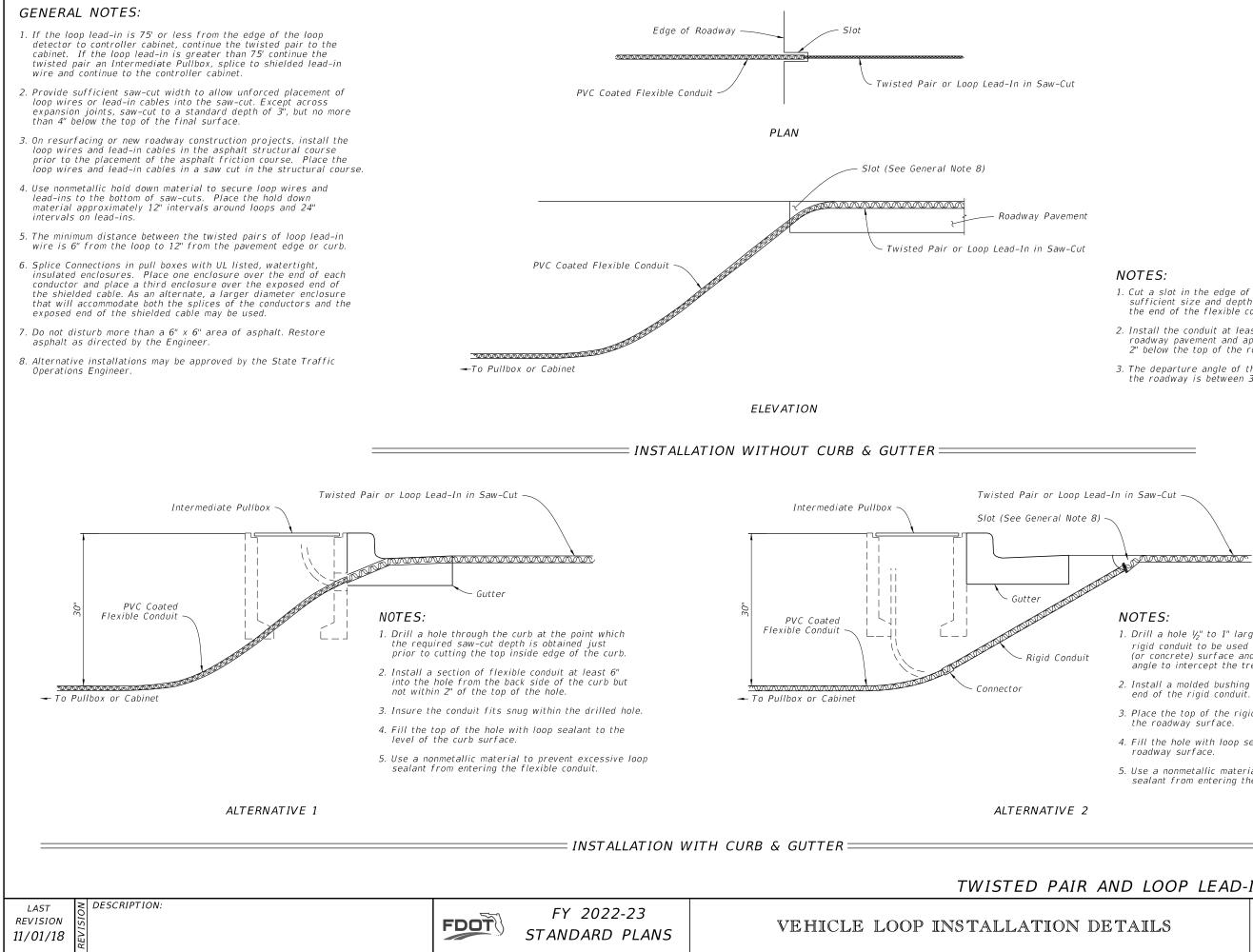
CAMERA MOUNTING DETAI

CAMERA MOUNTING WITH LOWERING DEVICE

	INDEX	SHEET
ILS	659-020	1 of 2



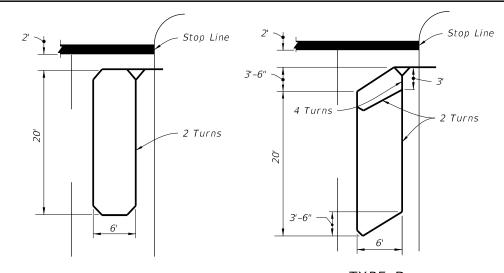
FDOT

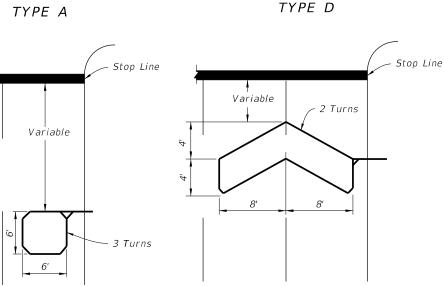


- 1. Cut a slot in the edge of the roadway of sufficient size and depth to snugly place the end of the flexible conduit.
- 2. Install the conduit at least 6" into the roadway pavement and approximately 2" below the top of the roadway surface.
- 3. The departure angle of the conduit from the roadway is between 30° to 45°.

- 1. Drill a hole 1/2" to 1" larger in diameter than the rigid conduit to be used through the roadway asphalt (or concrete) surface and base at an appropriate angle to intercept the trench or pull box hole.
- 2. Install a molded bushing (nonmetallic) on the roadway
- 3. Place the top of the rigid conduit approximately 2" below
- 4. Fill the hole with loop sealant to the level of the
- 5. Use a nonmetallic material to prevent excessive loop sealant from entering the rigid conduit.

AND LOOP LEAD-	IN INSTA	ALLATION
DETAILS	INDEX	SHEET
JEIAILO	660-001	1 of 2



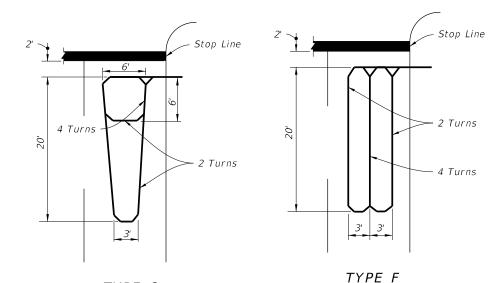


TYPE B

TYPE E

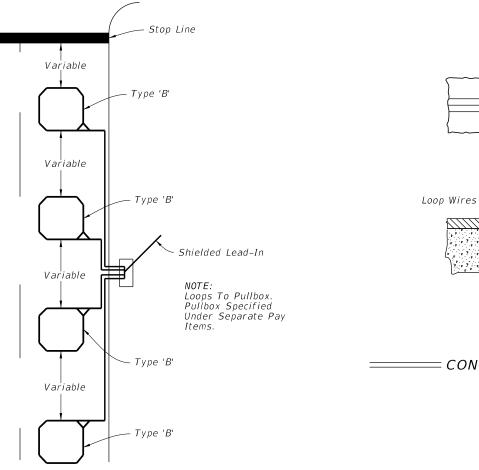
Loop conductors must follow saw-cut to bottom forming slack section at joint.

LOOP TYPES =



NOTE:

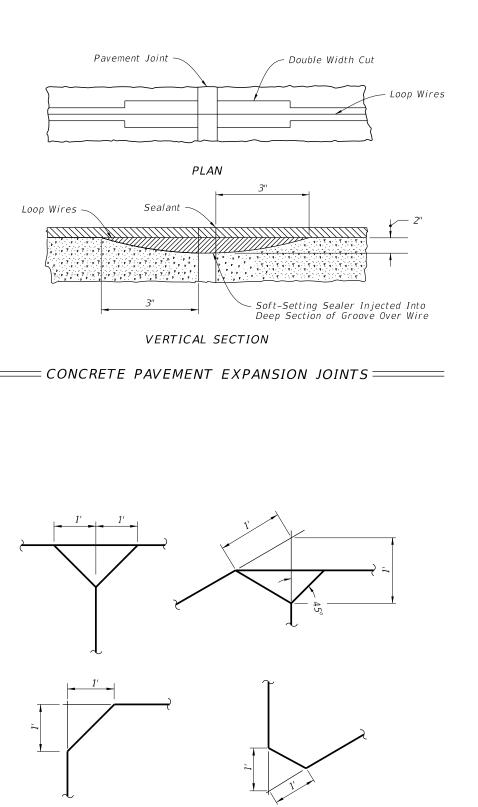
TYPE C



TYPE G

NOTES:

- The number of "Turns" indicated at the specified point on the loop refers to the number of passes of loop wires which are placed in the saw-cut forming the complete loop.
- 2. Loop types or details not drawn to scale.
- 3. Loop Types are centered in a single lane except Type E which is centered on two lanes.
- 4. The number of individual loops in the Type G loop may vary up to a maximum of four (4).
- 5. Lead-in may be connected to either end of loop.
- 6. When shown in the Plans, the leading edge of loop Types A, C, D, & F may extend past the stop line a maximum of 10' and the length of these loops may be extended to a maximum of 60'.
- 7. Do not install loop lead-in wires in the same pull box with signal power cable.



____ LOOP CORNER AND LEAD-IN DETAILS ______

LAST

DESCRIPTION: REVISION 11/01/18

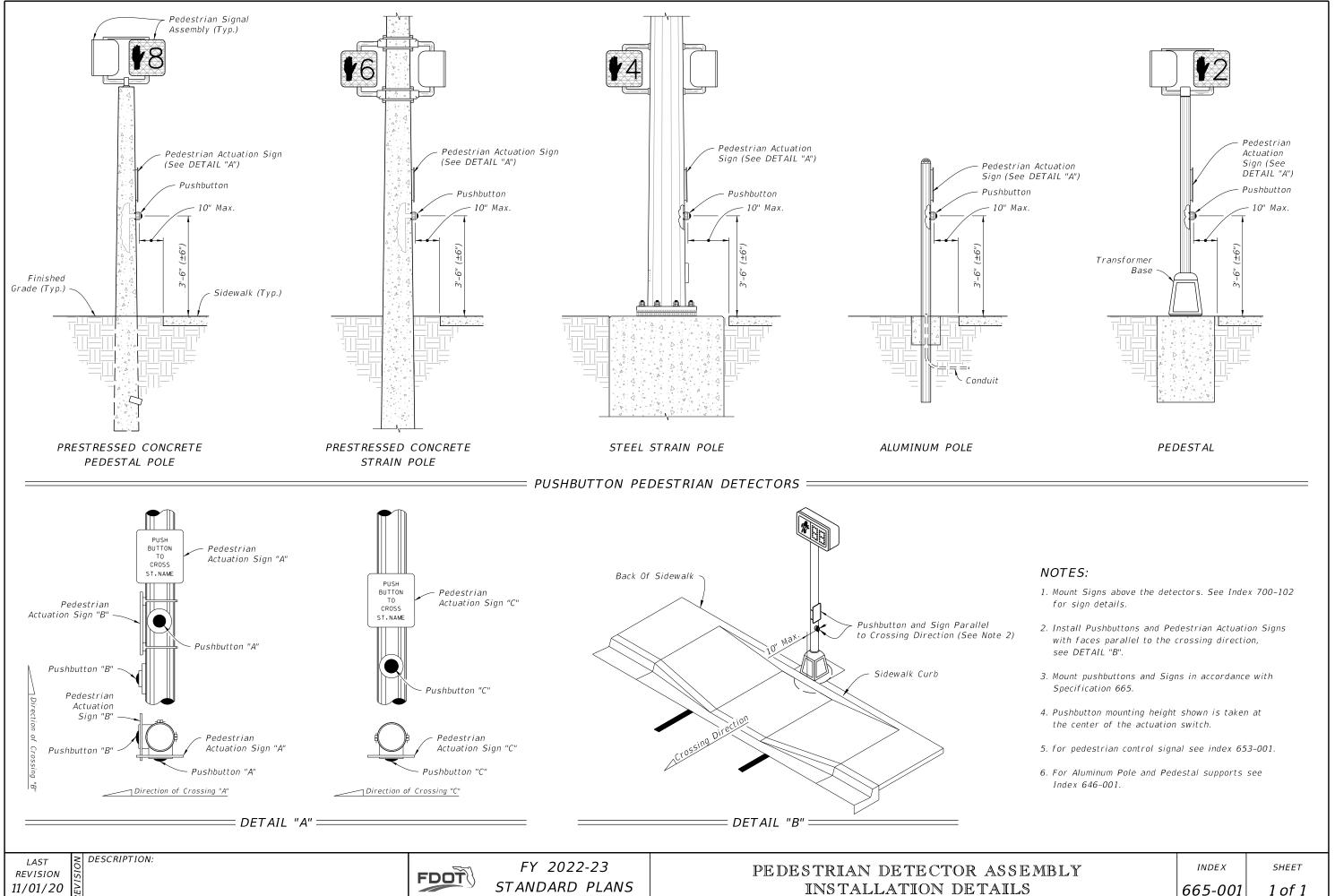


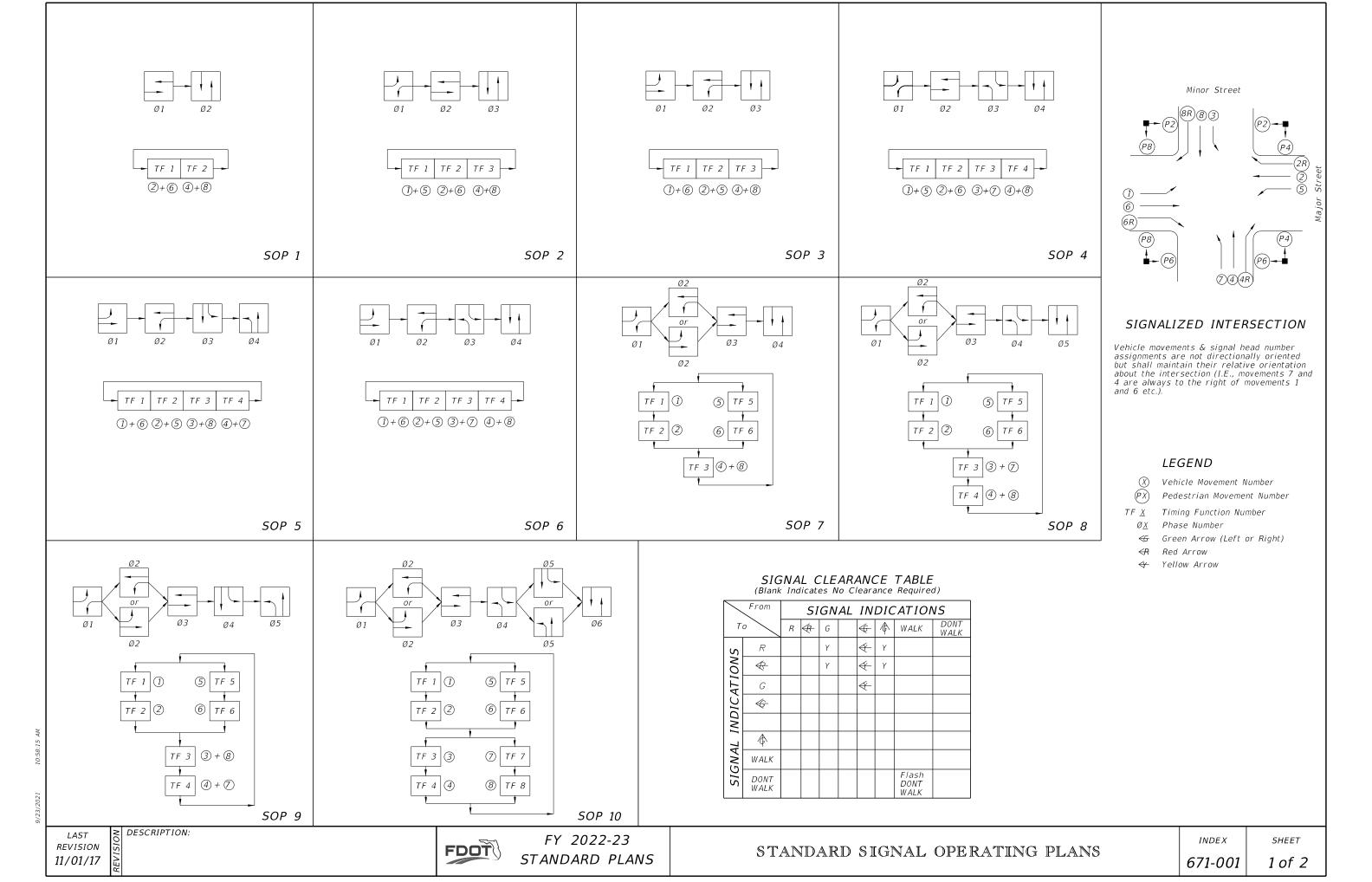
FY 2022-23 STANDARD PLANS

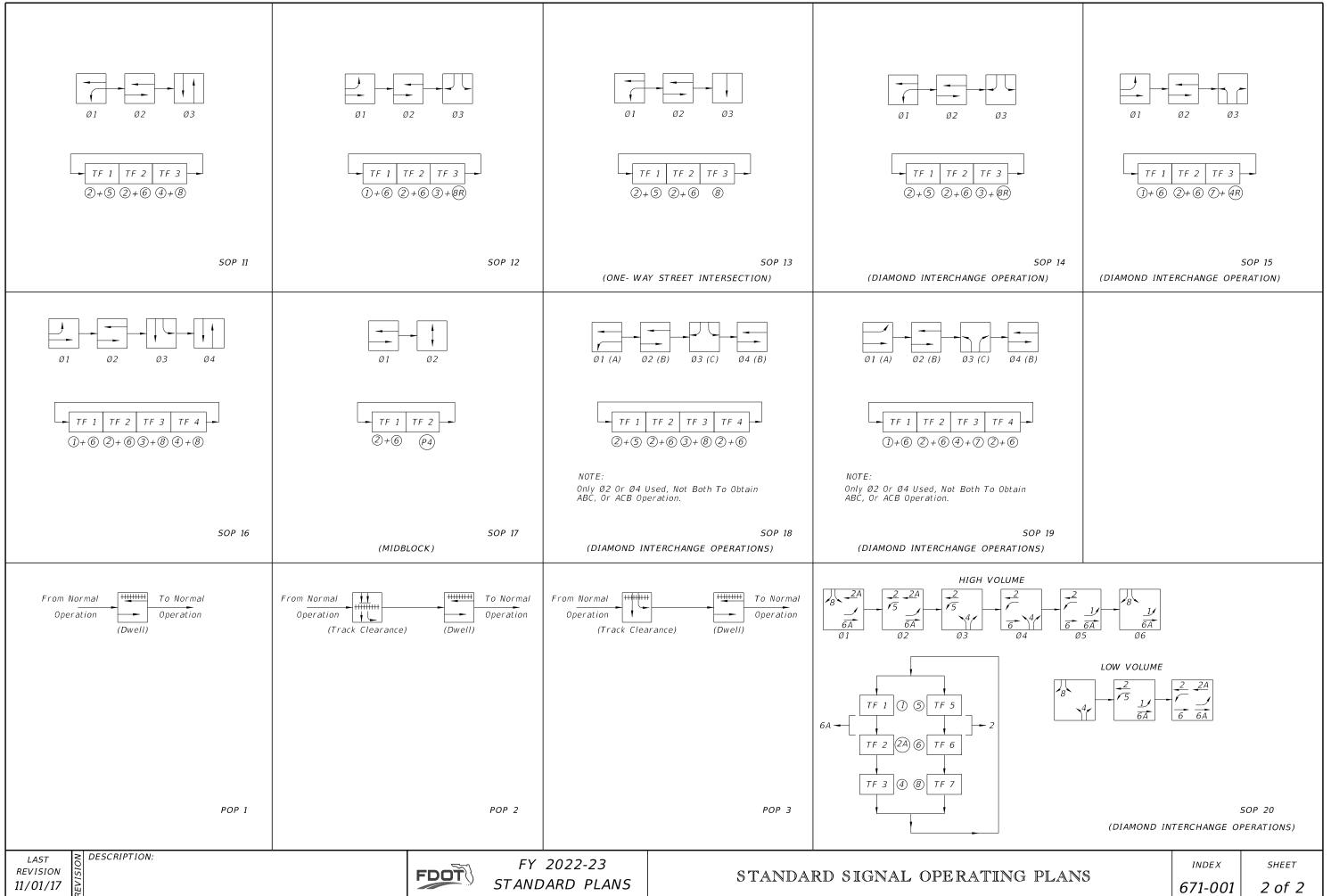
VEHICLE LOOP INSTALLATION D

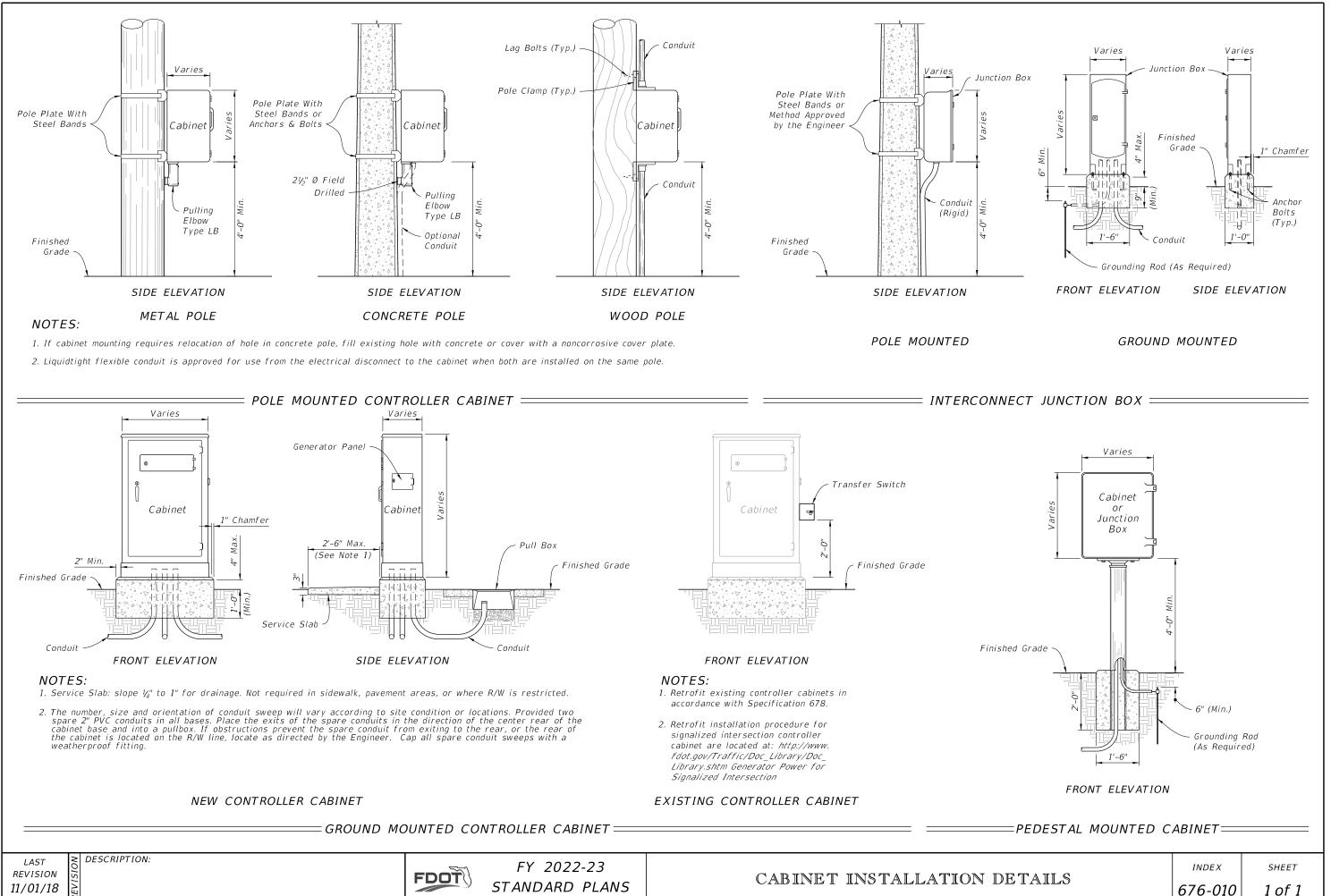
LOOP TYPES, EXPANSION JOINTS, AND DETAILS

DETAILS	INDEX	SHEET
	660-001	2 of 2

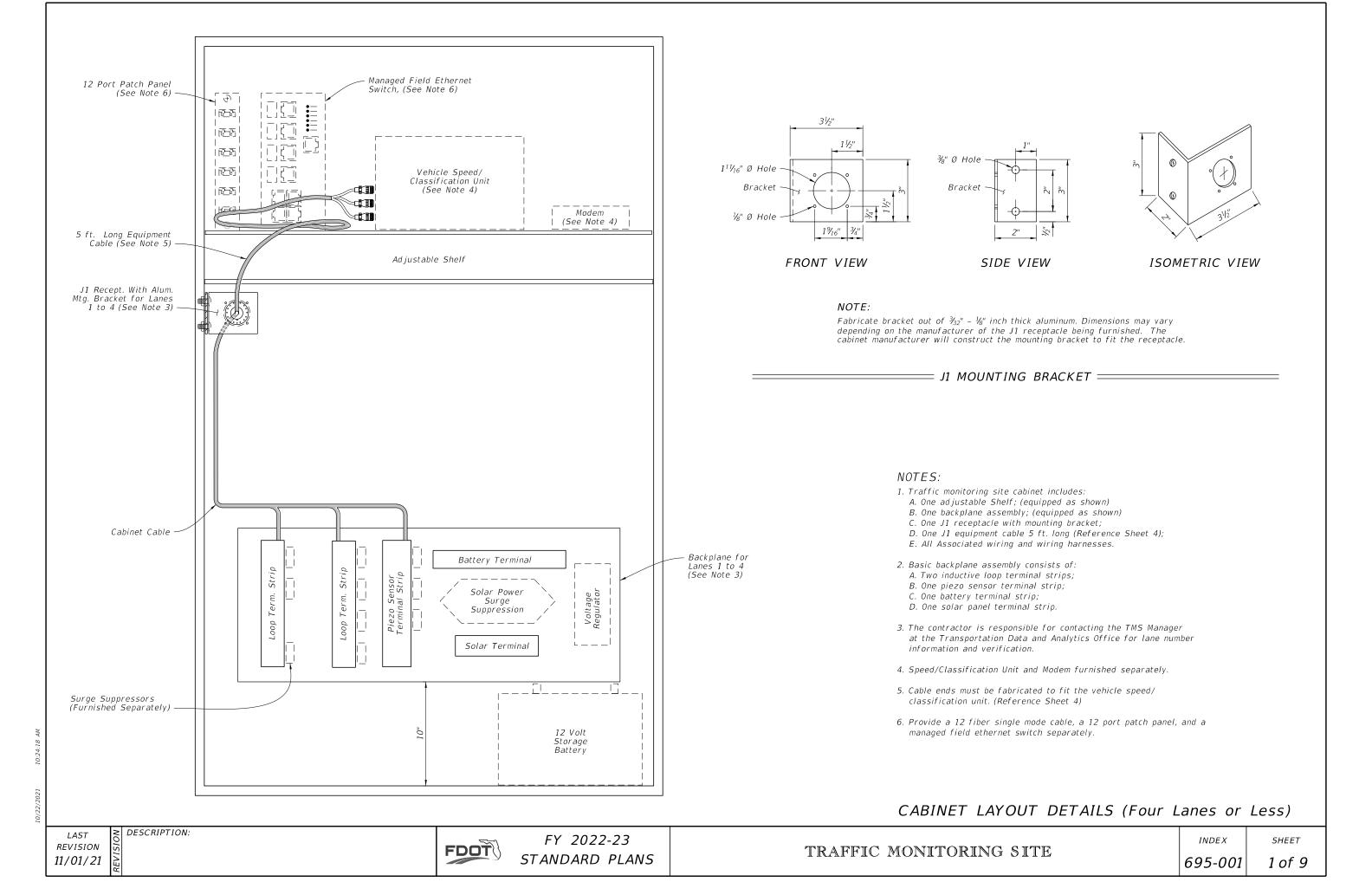


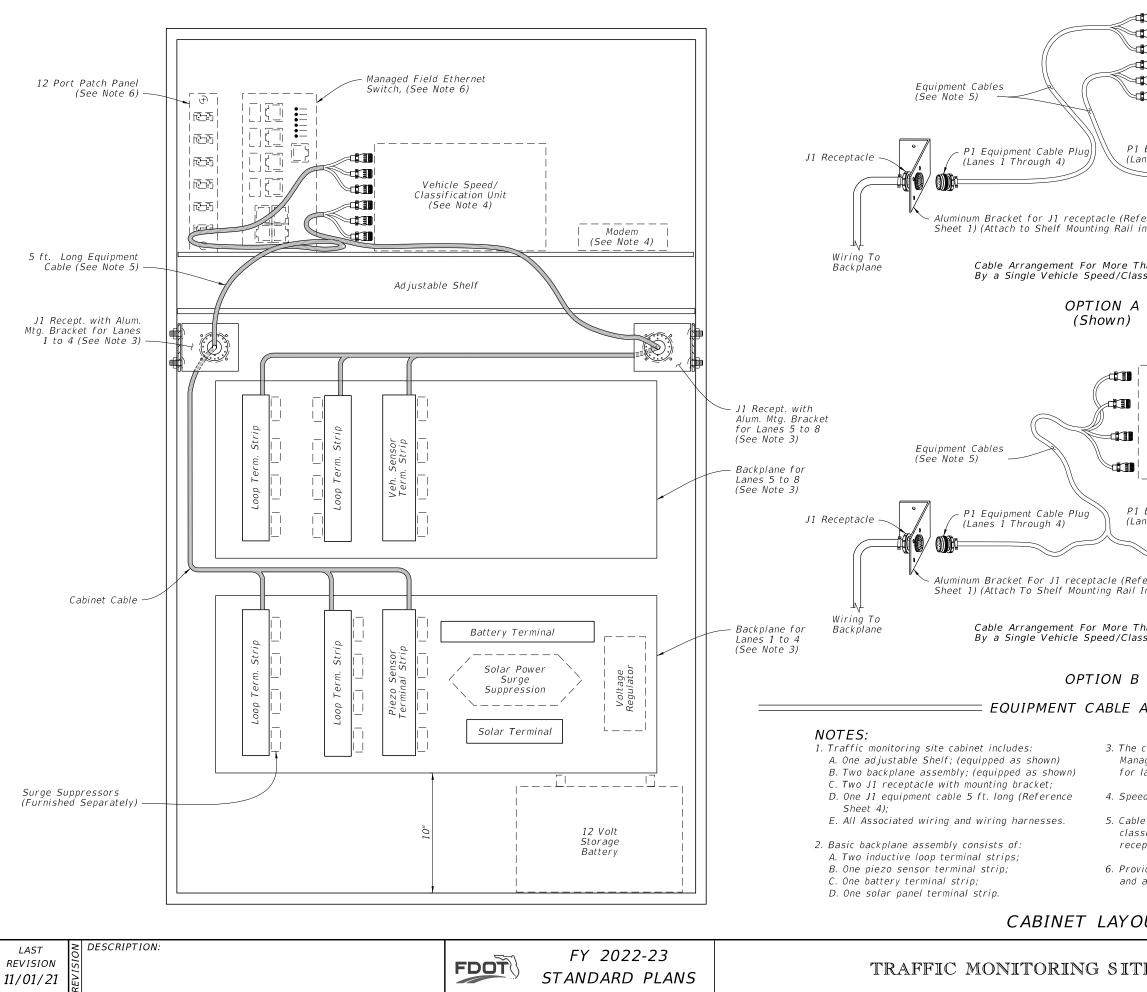




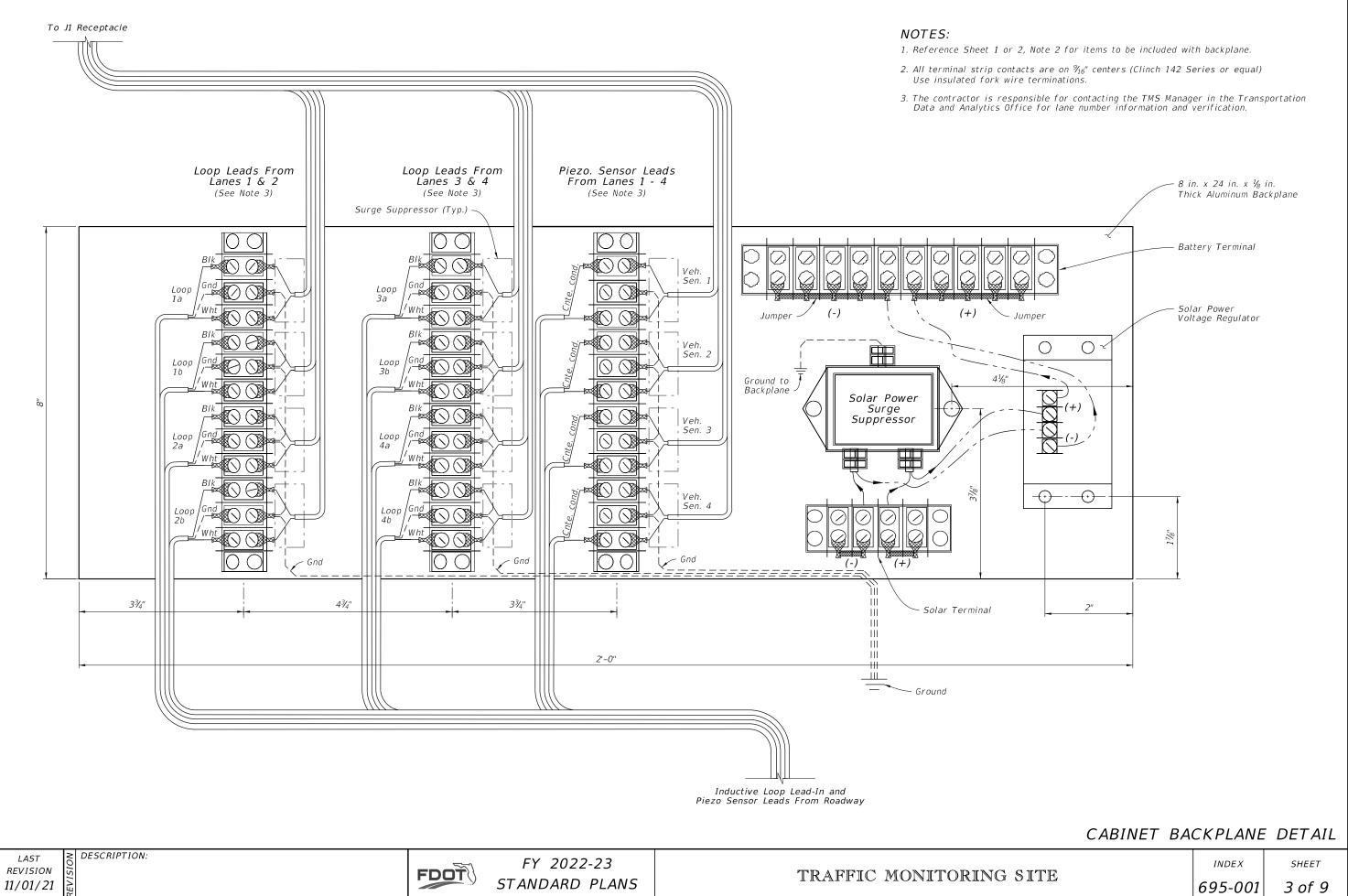


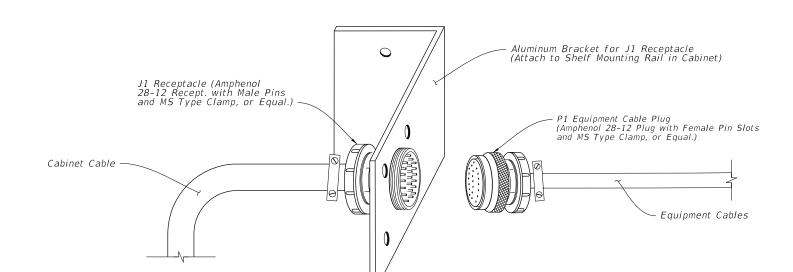
STANDARD PLANS

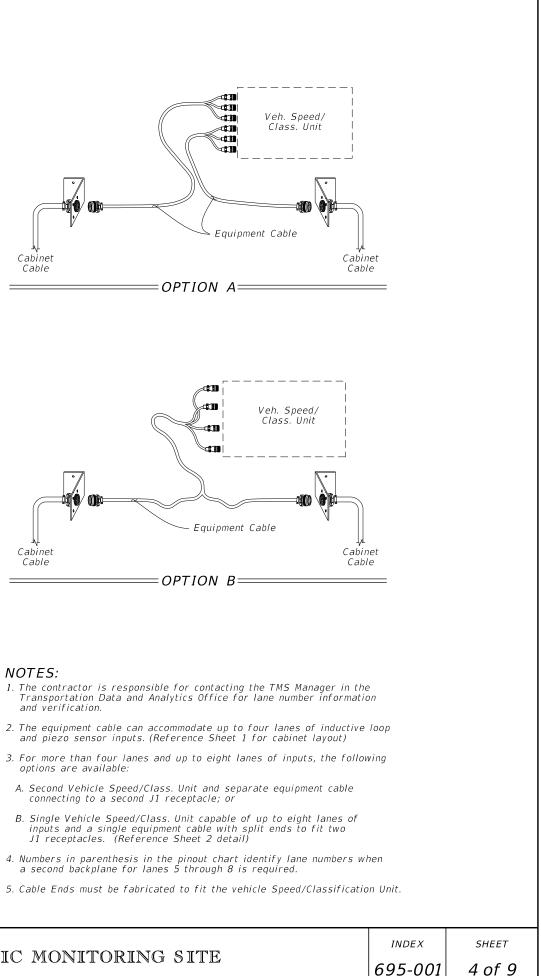




Vehicle Speed/ Classification Unit (See Note 4)			
Equipment Cable Plug nes 5 Through 8) erence Detail, 'n Cabinet) han Four Lanes Monitored ssification Unit	J1 Reception	tacle	
Vehicle Speed/ Classification Unit (See Note 4)			
Equipment Cable Plug nes 5 Through 8) Ference Detail, In Cabinet) han Four Lanes Monitored ssification Unit	J1 Reception	itacle	
ASSEMBLY contractor is responsible for contacting the TMS ager in the Transportation Data and Analytics Office lane number information and verification. ed/Classification Unit and Modem furnished separately. e ends must be fabricated to fit the vehicle speed/ sification unit. (Reference Sheet 4 for Pinout Charts, eptacle and plug details.			
ide a 12 fiber single mode cabl a managed field ethernet switch	h separately.		
Έ	695-001		







Cabinet Cable	

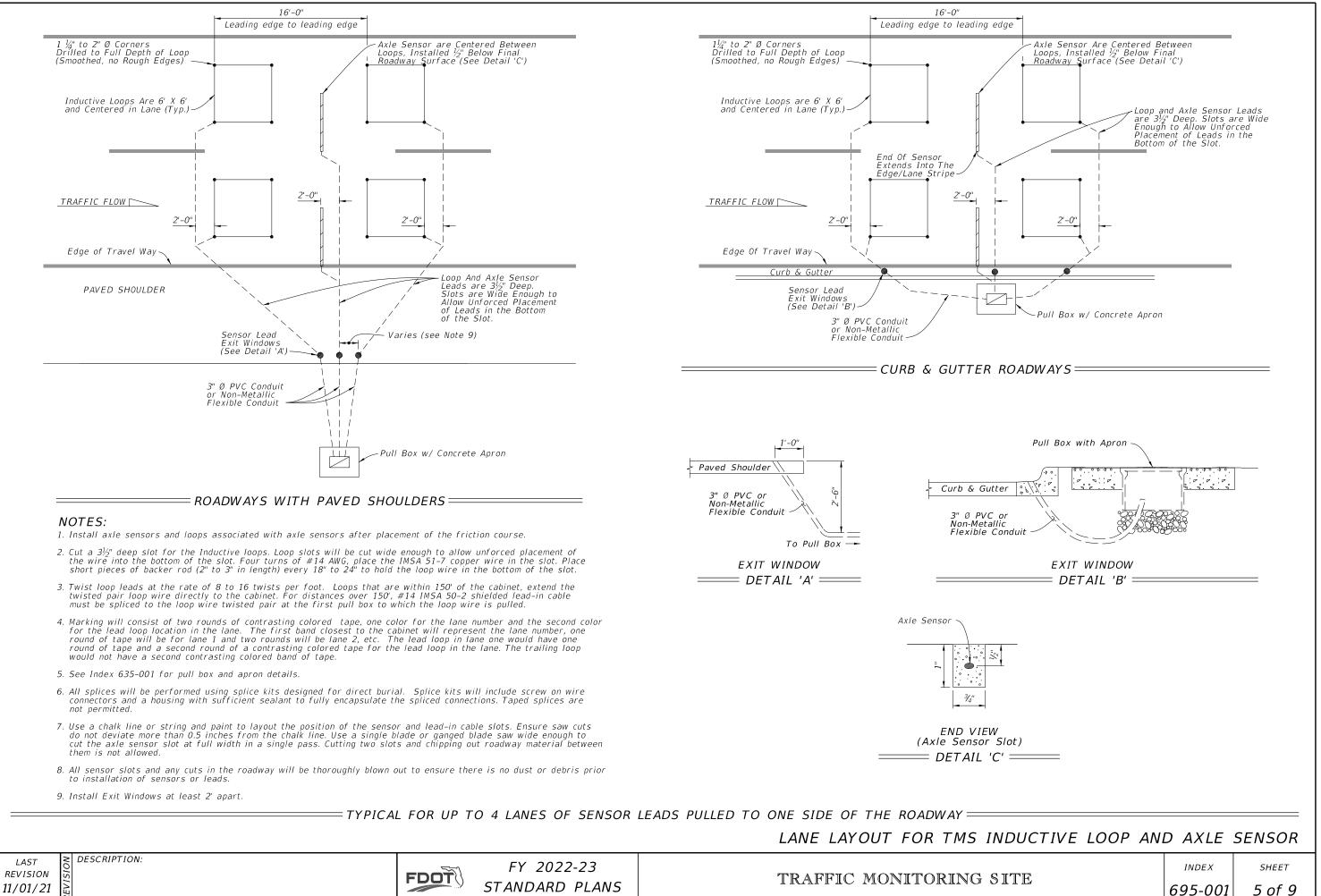
	J1 RECEPTACLE PINOUT
	26 Recessed Male Pins
A	Loop 1a (5a) white
В	Loop 1a (5a) black
С	Loop 1b (5b) red
D	Loop 1b (5b) black
Ε	Loop 2a (6a) green
F	Loop 2a (6a) blue
G	Loop 2b (6b) orange
Н	Loop 2b (6b) tan
J	Loop 3a (7a) white
К	Loop 3a (7a) green
L	Loop 3b (7b) red
М	Loop 3b (7b) black
Ν	Gnd
Ρ	Loop 4a (8a) w/white
R	Loop 4a (8a) w/black
S	Loop 4b (8b) w/red
Т	Loop 4b (8b) w/green
U	Piezo 1 (5) (+) w/blue
V	Piezo 1 (5) sh w/orange
W	Piezo 2 (6) (+) w/green
Х	Piezo 2 (6) sh w/red
Y	Piezo 3 (7) (+) w/black
Ζ	Piezo 3 (7) sh w/red/blk
а	Piezo 4 (8) (+) red/ green
b	Piezo 4 (8) sh red/white
d	Gnd green

J1	EQUIPMENT CABLE PLL	IG				
26 Female Pin Slots						
А	Loop 1a (5a)					
В	Loop 1a (5a)					
С	Loop 1b (5b)					
D	Loop 1b (5b)	To Unii				
Е	Loop 2a (6a)	connect To ctronics U				
F	Loop 2a (6a)	Conn sctro				
G	Loop 2b (6b)	EIé				
Н	Loop 2b (6b)					
Ν	Gnd					
J	Loop 3a (7a)					
К	Loop 3b (7b)					
L	Loop 3b (7b)					
М	Loop 3b (7b)	To Unii				
Ρ	Loop 4a (8a)	Connect To ctronics Ui				
R	Loop 4a (8a)	Conn ectro				
S	Loop 4b (8b)	Ele				
Т	Loop 4b (8b)					
d	Gnd					
U	Piezo 1 (5) (+)	nit				
V	Piezo 1 sh					
W	Piezo 2 (6) (+)					
Х	Piezo 2 sh	t To cs U				
Ŷ	Piezo 3 (7) (+)	Connect To Electronics Ur				
Ζ	Piezo 3 sh					
а	Piezo 4 (8) (+)					
b	Piezo 4 sh					

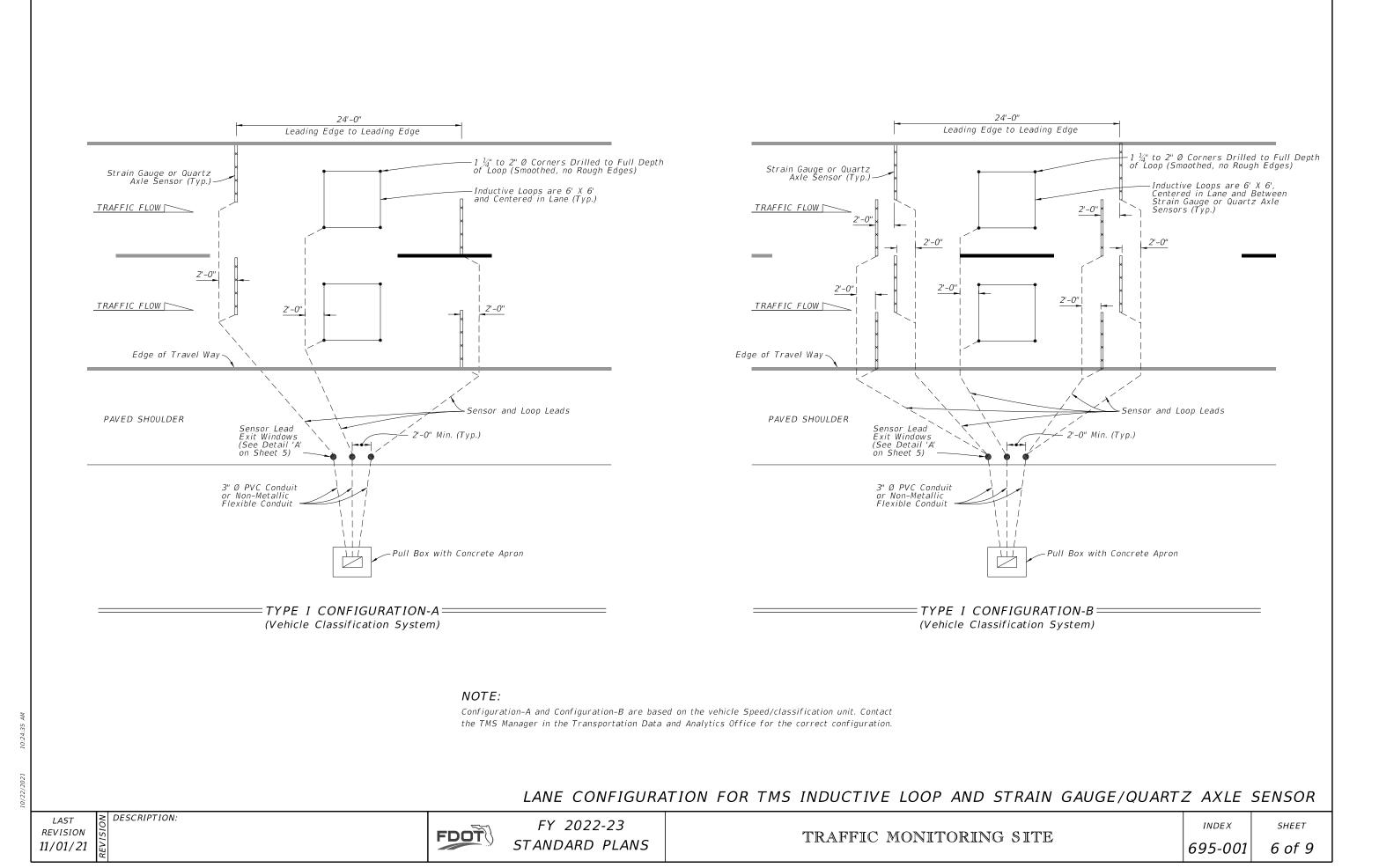
LAST REVISION

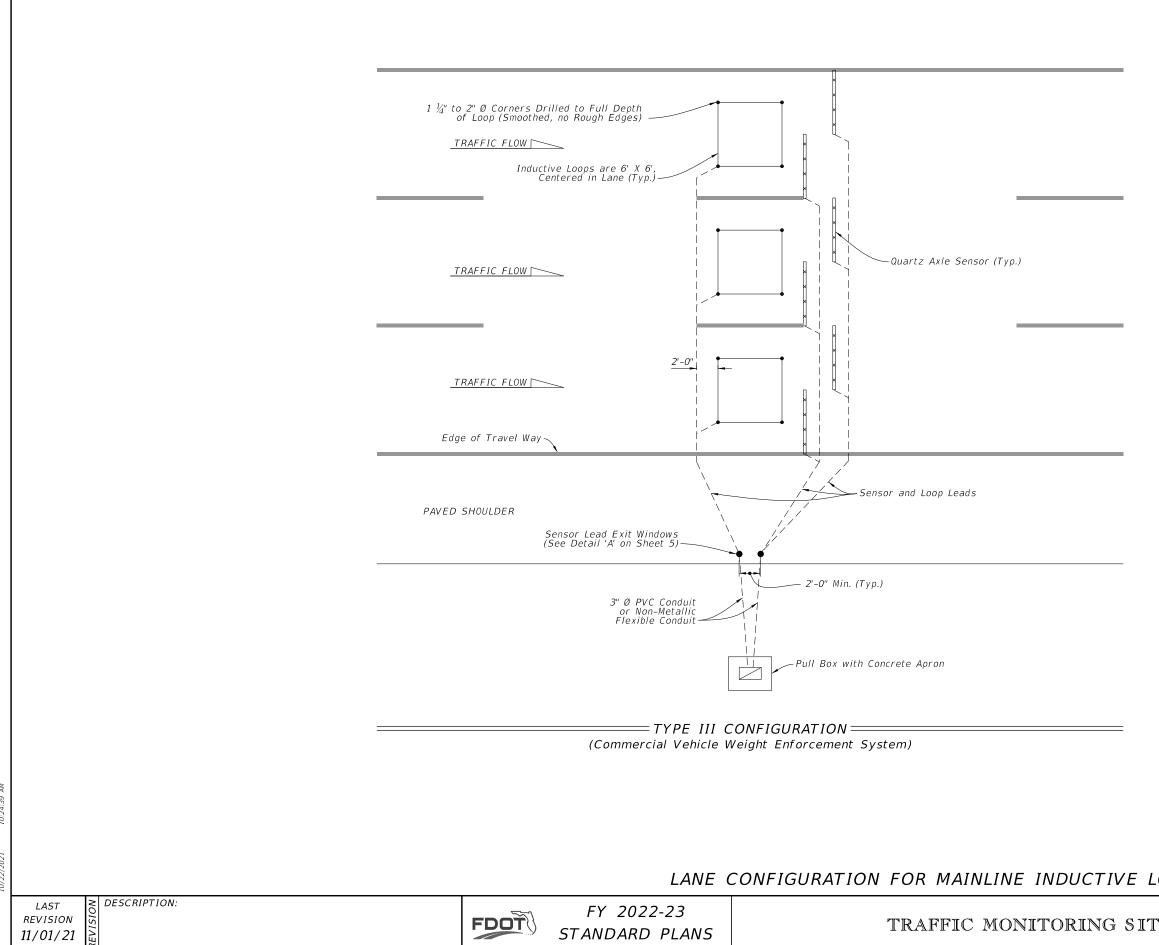


FDOT









LOOP	AND	QUART.	Z AXLE	SENSOR	
ГE			INDEX	SHEET	
			695-001	7 of 9	

