

DELAWARE		TURBIDITY	CURTA	IN			APPR
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	E-23 (2005)	SHT.	1	OF	2	RECOM

 PROVED
 Caurlan Uich
 12/5/05

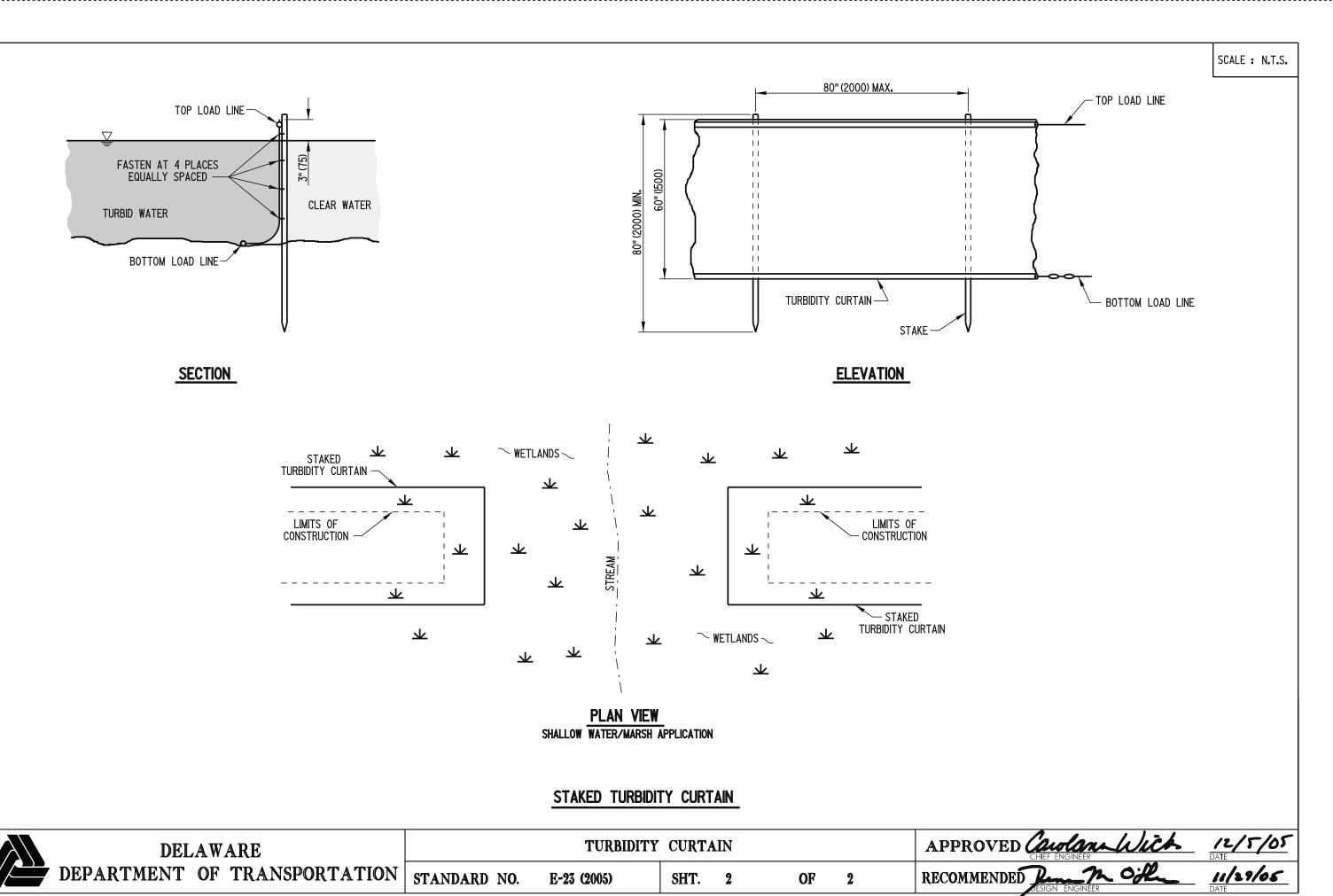
 CHIEF ENGINEER
 DATE

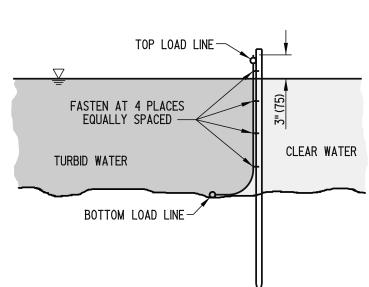
 MMENDED
 Description

 Enclose
 11/29/05

 09/08/2005

DELAWARE	TURBIDITY CURTAIN						
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	E-23 (2005)	SHT.	2	OF	2	RECOMM

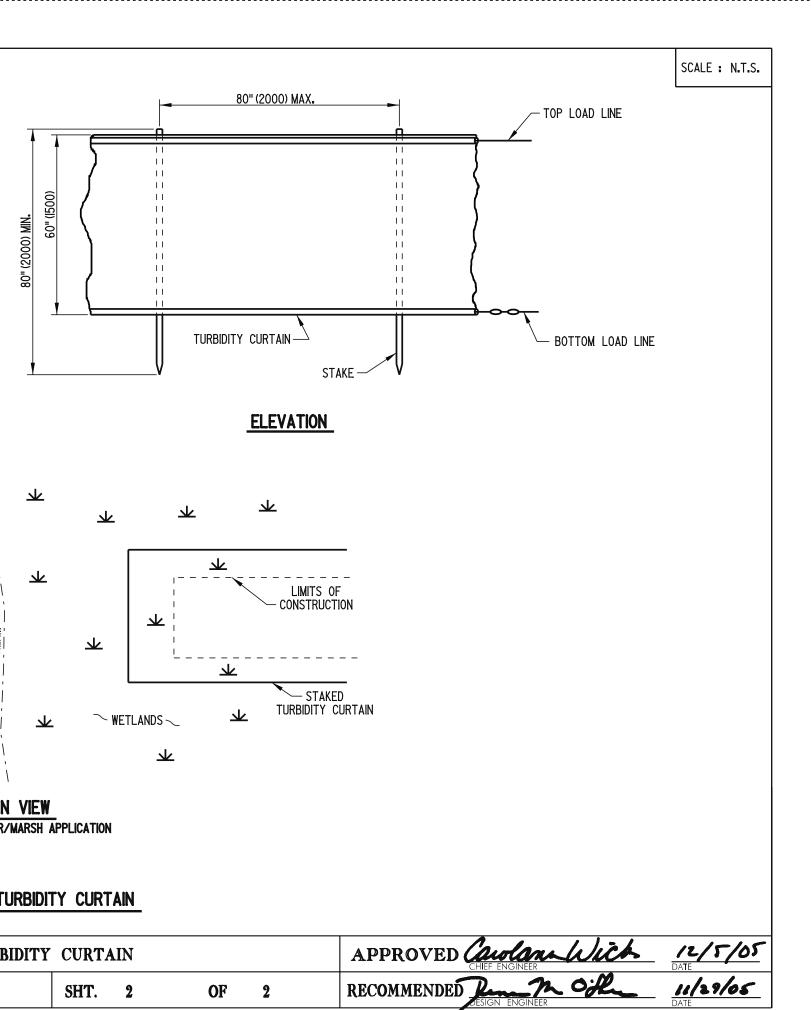


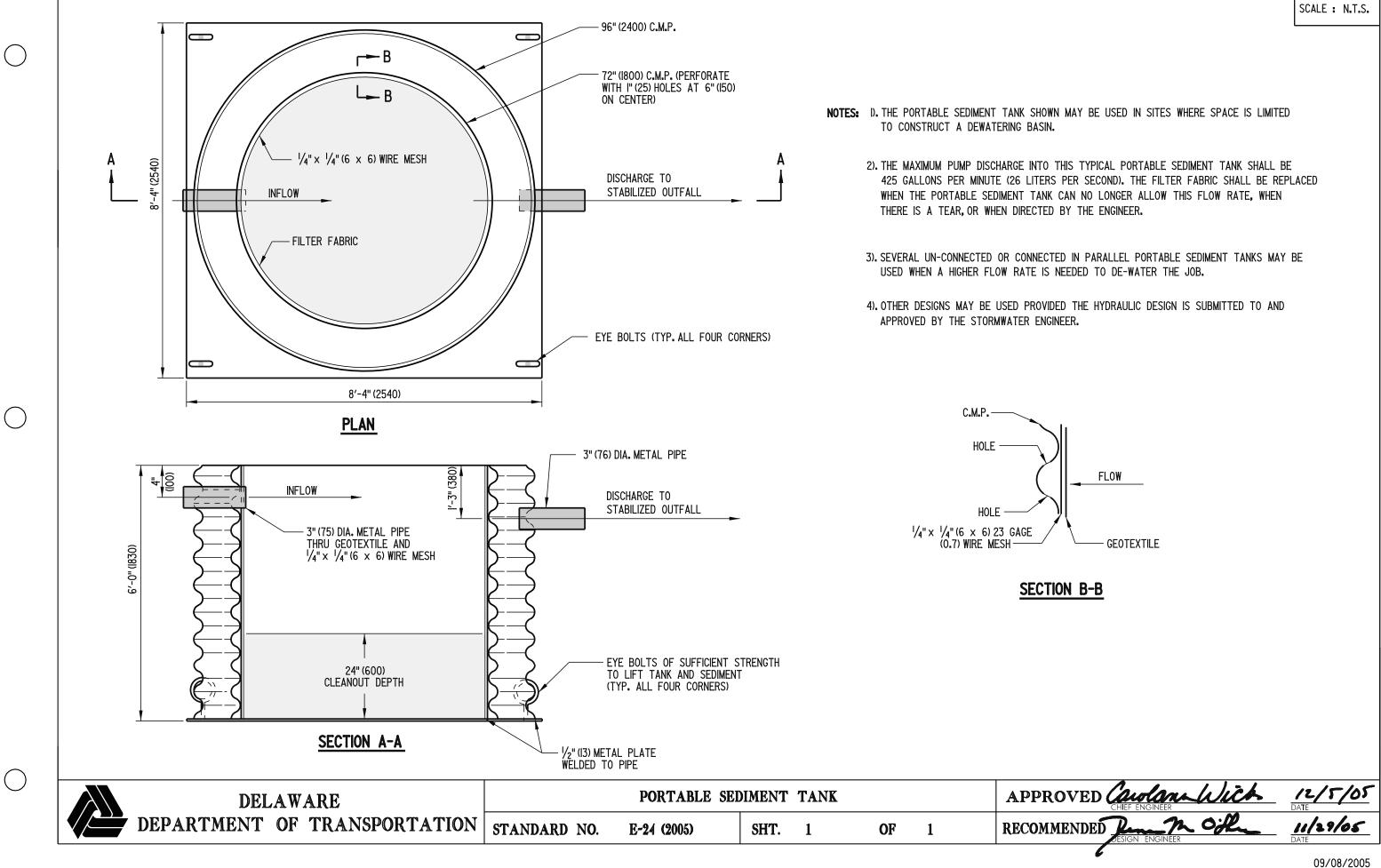


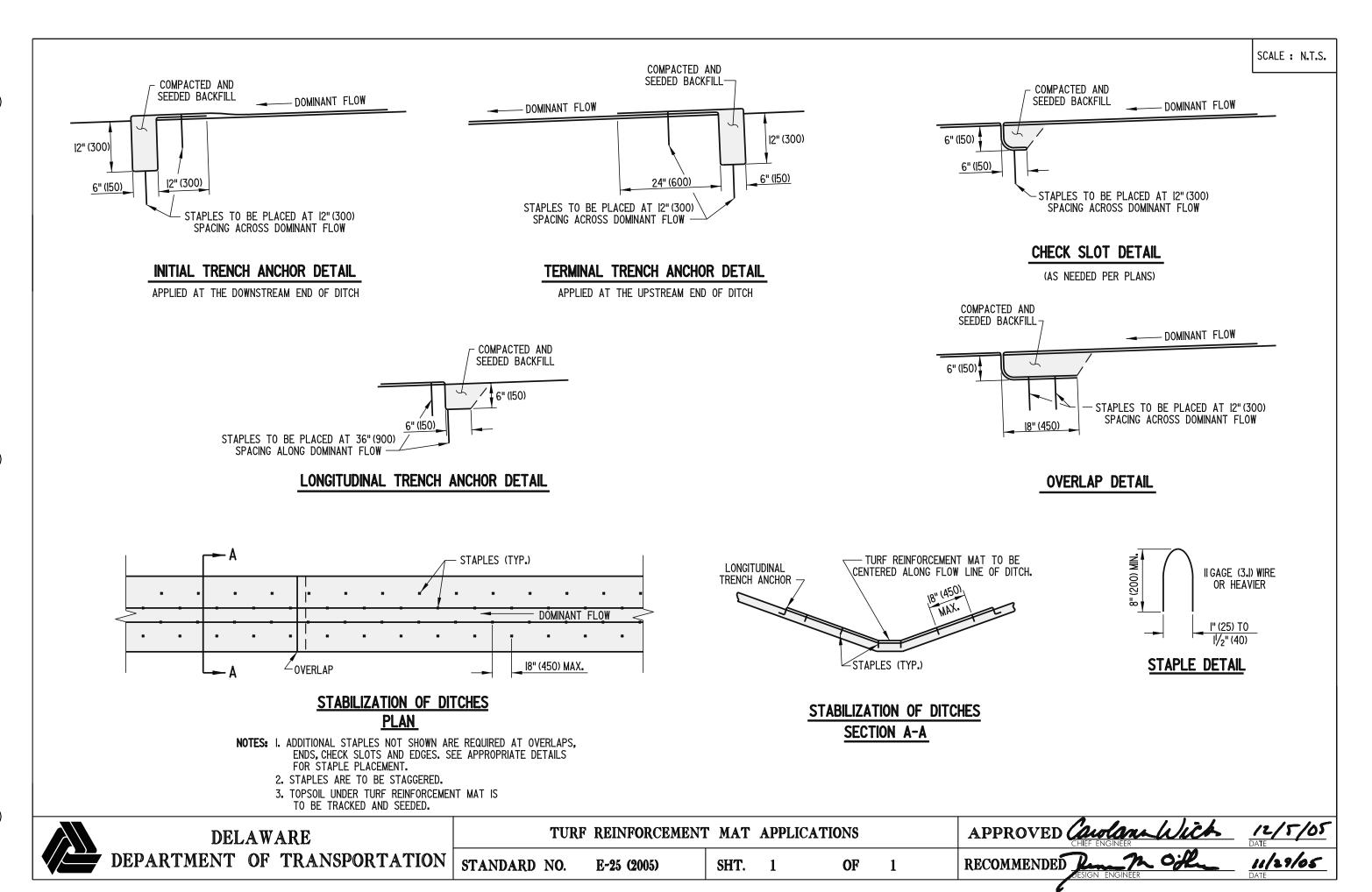
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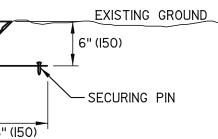


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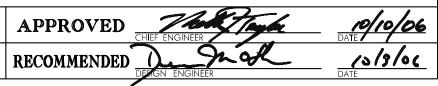
09/08/2005

Image: 1 to 1 t	3' (900) A		GEOTE	XTILE	DETAIL B	6" (I
SEE NOTES 1& 2	EL. GEOTEXTILE	- SEE DETAIL B SEE NOTE 3			NOTES: I. RIPF 2. PLJ 3. ELF 4. REI CON VAF	RAP IS TO BE ACE DELAWARE EVATION (EL.) S FER TO THE P INSTRUCTION PL RIABLES.
DELAWARE DEPARTMENT OF TRANSPORTATION		RIPRAP ENERGY D E-26 (2006)	DISSIPATOR		1	APPR RECOM

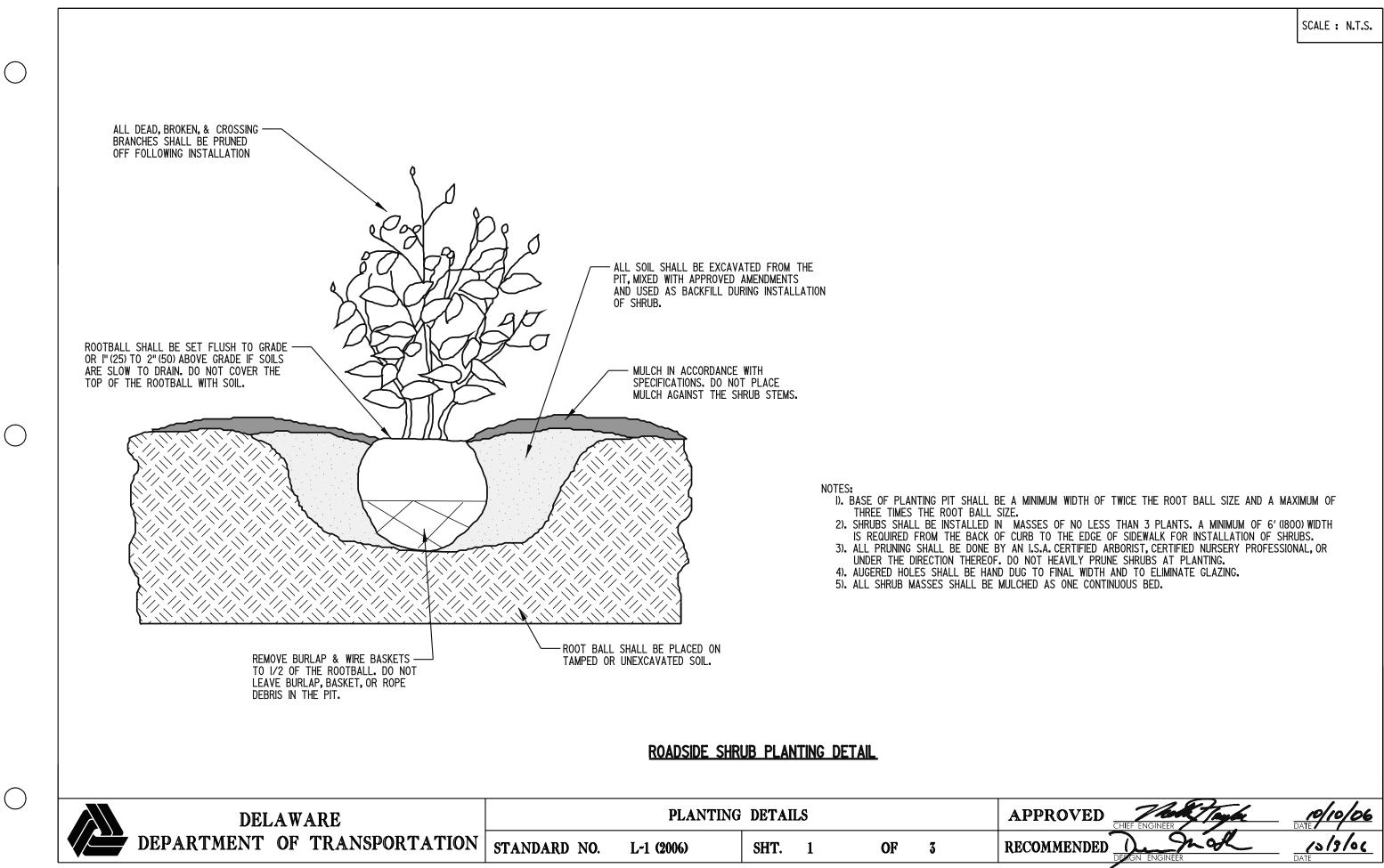
SCALE : N.T.S.



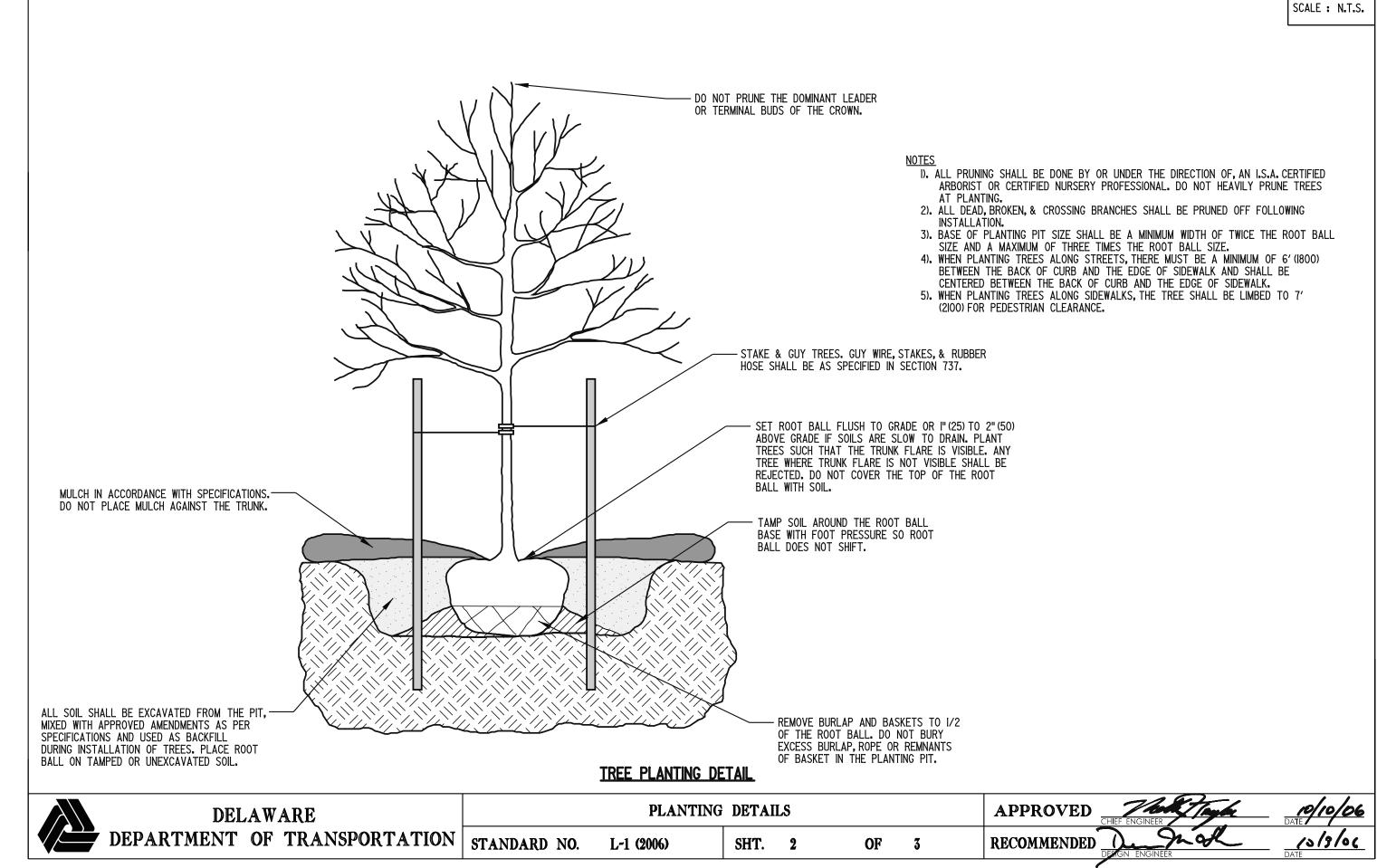
BE PLACED PRIOR TO PLACING PIPE. ARE NO. 3 STONE UNDER PIPE. L.) SHOULD NOT BE HIGHER THAN PIPE INVERT. E PIPE ENERGY DISSIPATOR SCHEDULE ON THE I PLANS FOR THE VALUE OF DIMENSION



08/04/2006



08/04/2006



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SCALE : N.T.S.

\bigcirc	KAT		X		X	NOTE: D. S	SEE PLANT LIST
		Perennial/groundco	<u>ver plan</u>		<u>Ion VI</u>	<u>EW</u>	
\bigcirc	DELAWARE	PLANTING	DETAIL	S			APPROV
	DELAWARE DEPARTMENT OF TRANSPORTATION	STANDARD NO. L-1 (2006)	SHT.	3	OF	3	RECOMME

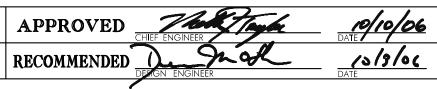
SCALE : N.T.S.

ST FOR SPACING (X).

- PERENNIAL/GROUND COVER
- FINISHED GRADE

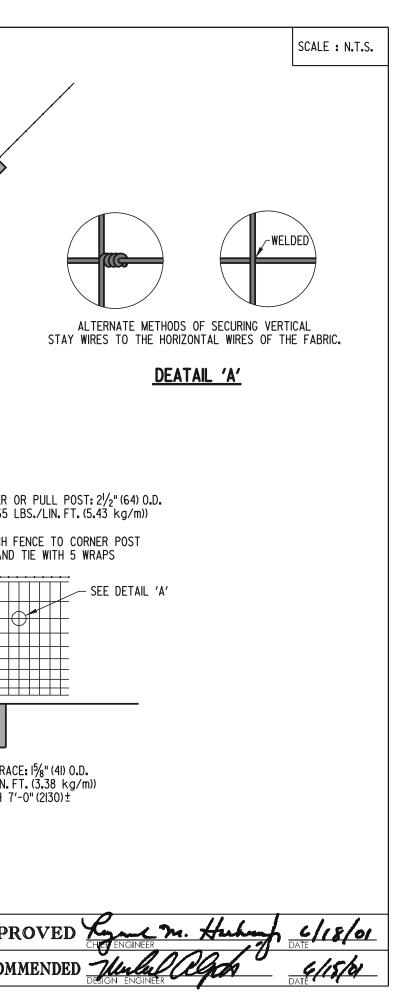
- 3" (75) MULCH NOT TO COVER LEAVES

- ROOT MASS
- 6" (150) PREPARED SOIL MIX, AS PER SPECIFICATION.
- SUBGRADE TILLED TO 6" (ISO) DEPTH



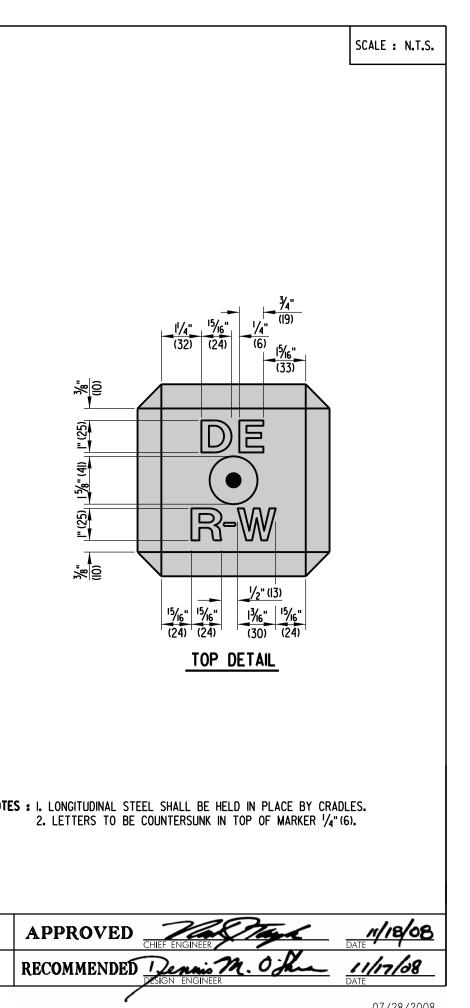
06/27/2006

Ô			
		. T. = . T	
	TOP VIEW		
INTERMEDIATE OR LINE POST: STUDDED "T"-1.33 LBS./LIN.FT.(1.98 kg/m)			
END POST: 2 ¹ / ₂ " (64) O.D. (3.65 LBS./LIN. FT. (5.43 kg/m)) - FASTEN WITH 5 CLAMPS OR # 9 GAGE GALV. WIRE TIES -	I21/2 GAGE (2.7), 4-PT. E ONE STRAND BAR		CORNER OF (3.65 LE
	<u>الإ</u> ناب الإ	CAP	- STRECH FE
7'-0" (2130) 47" (1195) 47"			
0-,- (05),-,00,-,- (05),-,00,-,-,- (05),-,00,-,-,- (05),-,00,-,-,- (05),-,00,-,-,- (05),-,00,-,-,-,- (05),-,00,-,-,-,- (05),-,00,-,-,-,- (05),-,00,-,-,-,- (05),-,00,-,-,-,- (05),-,00,-,-,-,-,- (05),-,00,-,-,-,-,- (05),-,00,-,-,-,-,- (05),-,00,-,-,-,-,- (05),-,00,-,-,-,-,-,- (05),-,00,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-			DIAGONAL BRACE (2.27 LBS./LIN. FT LENGTH 7'-(
LENGTH 7'-0" (2130)±	FRONT VIEW		
DELAWARE	RIGHT-OF-W	AY FENCE	APPR
DEPARTMENT OF TRANSPORTATION	STANDARD NO. M-1 (2001)	SHT. 1 OF	1 RECOMM

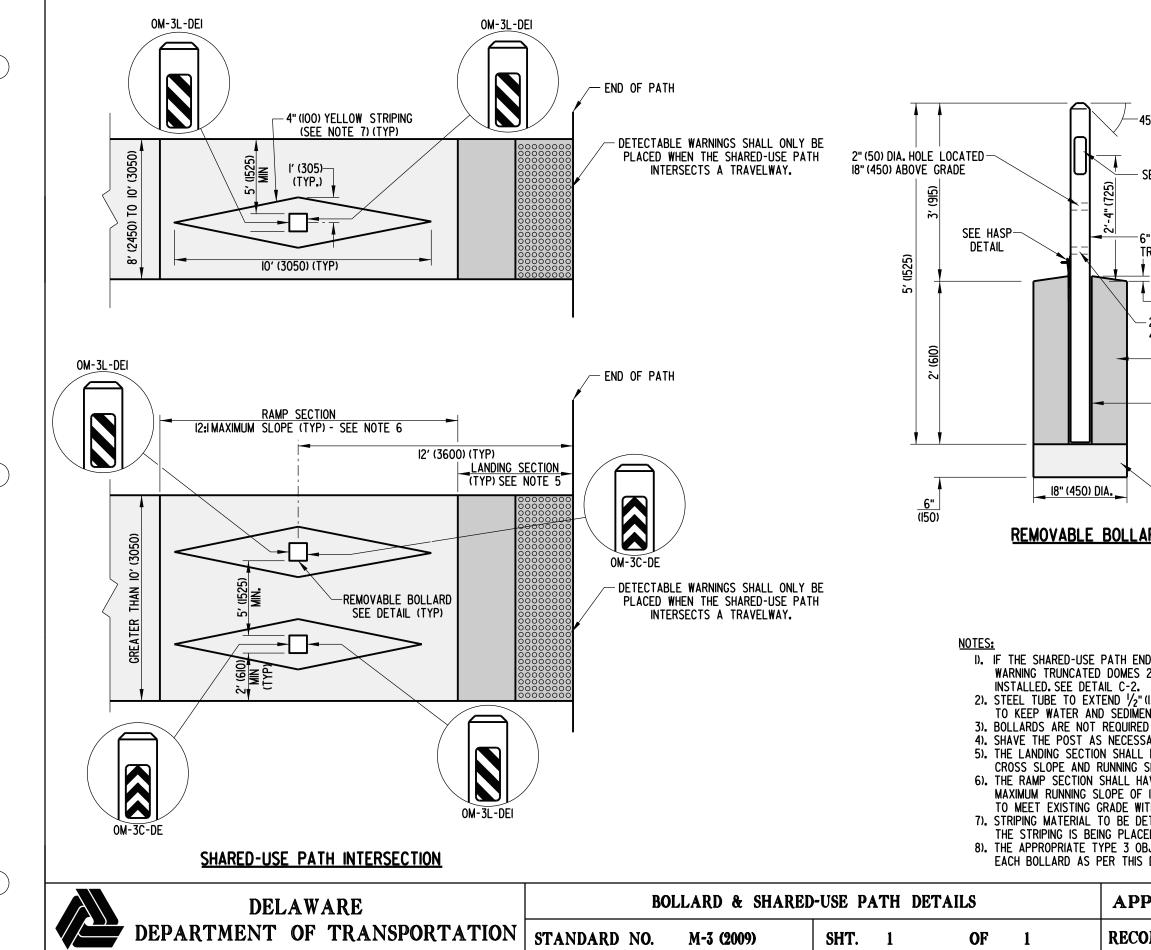


^{05/21/2001}

SPACED 3" (75) C. C.	. 26" (650) LONG (TYP.)					Ĭ		Notes : 1. Long 2. Lett
<u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>y</u>	<i>I</i> ODATE		(50)			<u> </u>	(12)	
	$\frac{y_{i}}{(9)} + \frac{4/2}{(15)} + \frac{y_{i}}{(15)} + \frac{y_{i}}{(15)} + \frac{y_{i}}{(15)} + \frac{y_{i}}{(15)} + \frac{y_{i}}{(15)} + \frac{y_{i}}{(10)} + \frac{y_{i}$	$\frac{1}{100}$	TOP	TOP	$\frac{1}{10^{10}}$ $\frac{1}{10^{10}$	IOP I	Image: State in the state i	IDP IDP IV Vir 'gol X, 24* (600) STREEL ROOVERS STREEL ROOVERS



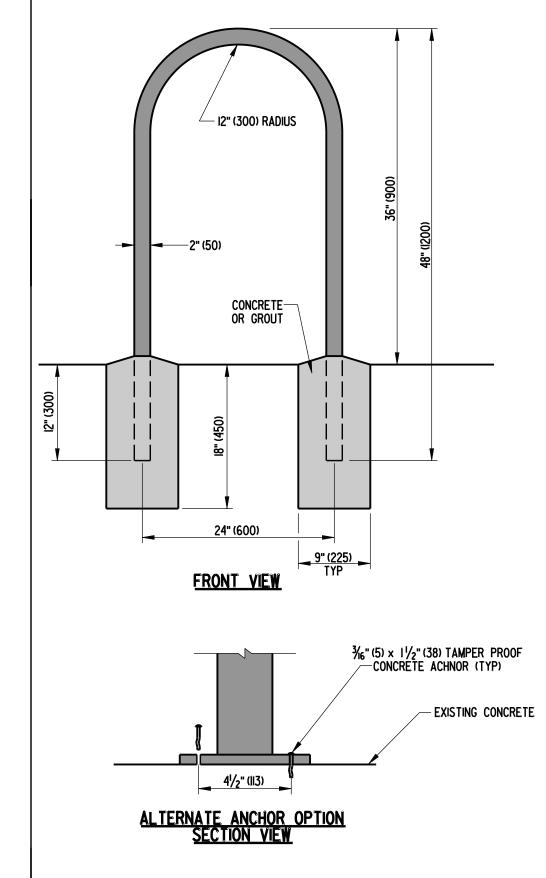
07/28/2008



	SCALE : N.T.S.
5° BEVEL (TYP) 4 SIDES	
EE NOTE 8	
" (150) × 6" (150) (NOM) REATED POST	
-SEE NOTE 2 2" (50) DIA. HOLE LOCATED 4" (100) ABOVE GRADE	
CLASS B CONCRETE LOWER PORTION OF BE WELDED TO	OF HASP SHALL
6" (150) × 6" (150) × 3/6" (5) STEEL TUBE, STOCK	
DELAWARE #57 STONE RD	
DS AT A ROADWAY OR RAILROAD CROSSING, THEN DETEC 24" (600) LONG AND THE FULL WIDTH OF THE PATH SHAL	
13) ABOVE GROUND WITH CONCRETE TO SLOPE AWAY FRO NT FROM DRAINING INTO TUBE. 9 FOR A SHARED-USE PATH LESS THAN 8' (2450) WIDE. ARY SO THAT IT WILL FIT IN THE STEEL TUBE. BE A MINIMUM OF 5' (1525) IN LENGTH AND SHALL HAVE SLOPE OF 2%. THE ENTIRE LANDING SECTION MUST ALSO VE A MAXIMUM CROSS SLOPE OF 2%. IT SHALL ALSO H 12:1. HOWEVER, IF A 12:1 RUNNING SLOPE DOES NOT ALLOW THIN 15' (4200), THE RUNNING SLOPE MAY EXCEED 12:1. TERMINED BY THE ENGINEER BASED ON THE MATERIAL T DON. JECT MARKER SHALL BE PLACED ON THE FRONT AND B DETAIL.	A MAXIMUM BE CONCRETE. AVE A V THE RAMP THAT
	01/19/2010 ATE
MMENDED <u>SIGNATURE ON FILE</u> DESIGN ENGINEER D	01/14/2010 ATE

01/06/2010

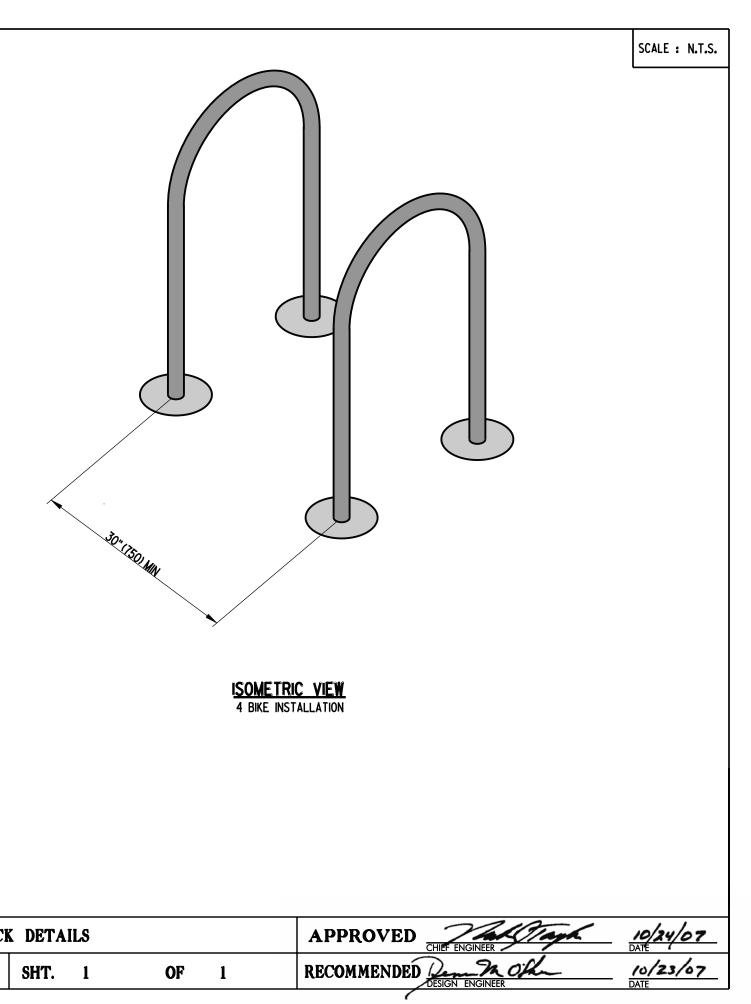
DELAWARE		BIKE RAC	K DETA	ILS			APPRO
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	M-4 (2007)	SHT.	1	OF	1	RECOMM



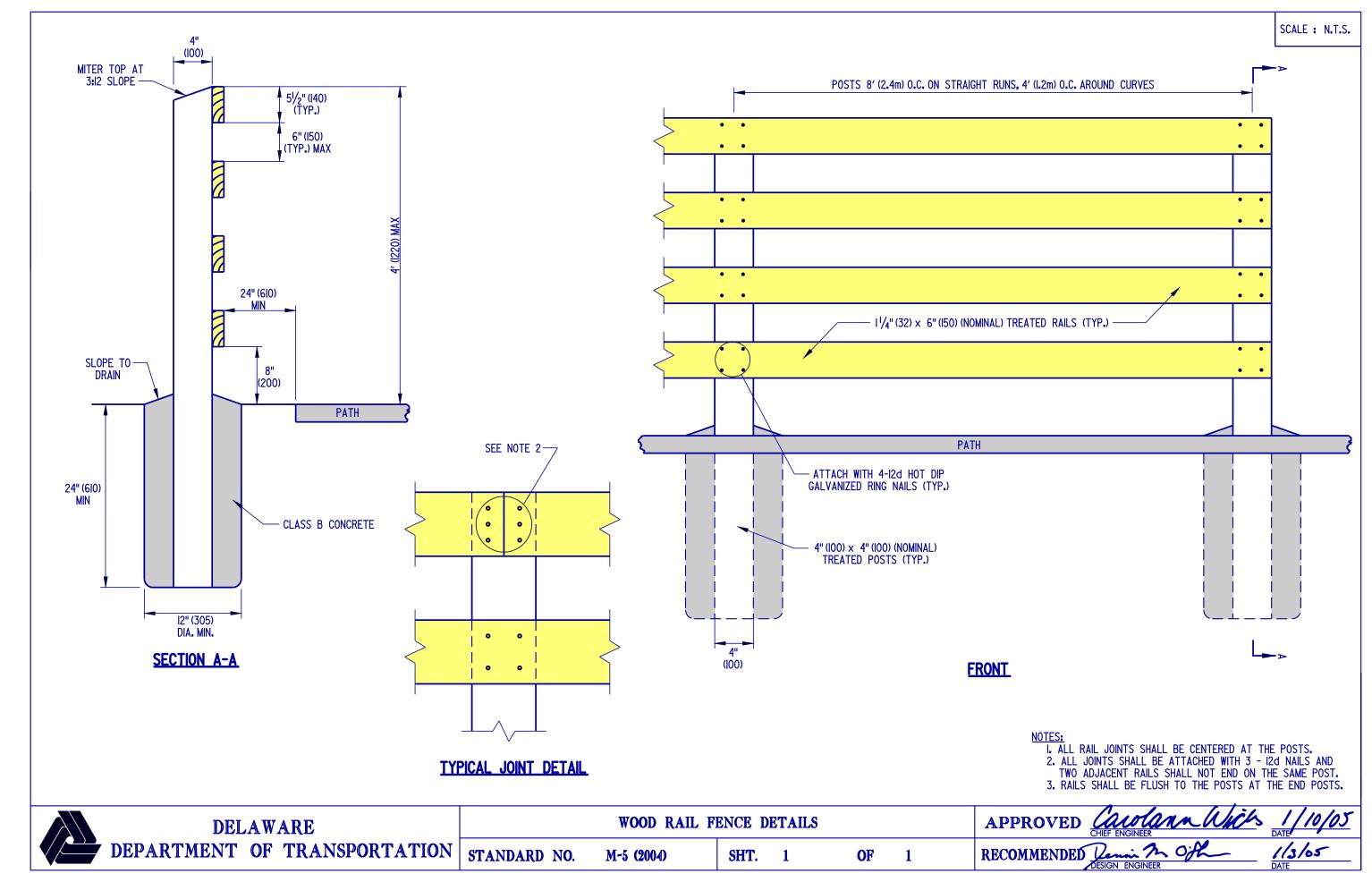
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04/03/2007

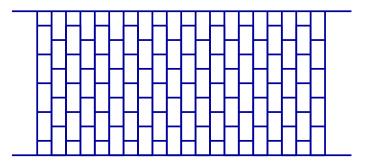


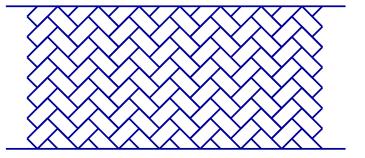
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09/27/2004





4" (100) × 8" (200) RUNNING BOND PATTERN

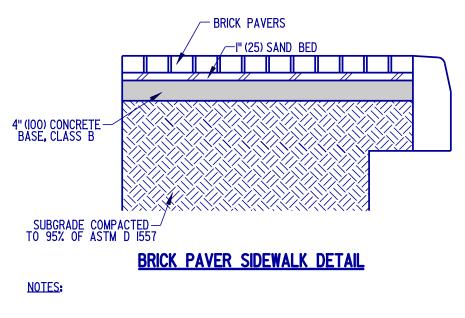
4" (100) × 8" (200) HERRINGBONE PATTERN

NOTES:

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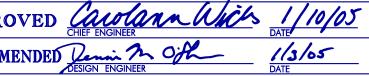
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- ACTUAL PATTERN TO BE USED SHALL BE SPECIFIED ON THE PLANS. COLOR IS TO BE "BRICK RED" UNLESS OTHERWISE NOTED ON THE PLANS.
 MATERIALS AND PAVEMENT BOX VARY DEPENDING ON PLANS.
 FOR CROSSWALK APPLICATIONS, 8" (200) WHITE LINES SHOULD BE PLACED ON BOTH SIDES.
 THE PATTERNS ABOVE ARE THE PREFERRED PATTERNS AVAILABLE FOR SIDEWALK OR CROSSWALK APPLCATIONS.



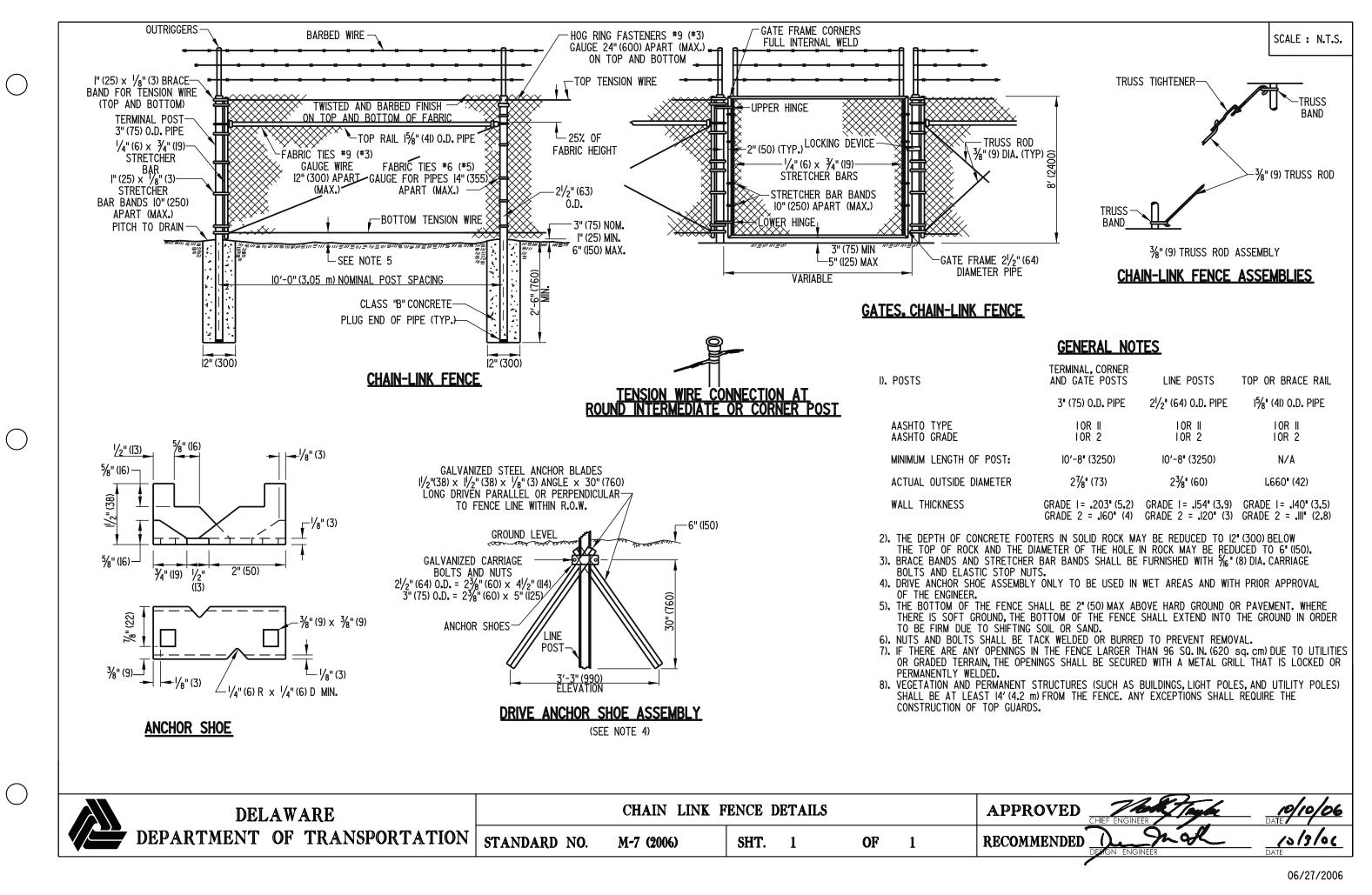
ALL PAVERS ARE TO BE 'BRICK RED' UNLESS OTHERWISE SPECIFIED ON THE PLANS. THE PATTERN SHALL BE SPECIFIED ON THE PLANS.
 EXPANSION JOINT MAY BE NEEDED ON NON-CURB SIDE OF BRICK PAVER SIDEWALK IF THAT SIDE IS AGAINST BUILDING OR OTHER CONFINING FEATURE.

DELAWARE	PATTERNED	HOT-MIX OR	CONCH	RETE &	BRICK	PAVER	DETAILS	APPRO
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	M-6 (2004)		SHT.	1	OF	1	RECOMME



09/24/2004

SCALE : N.T.S.



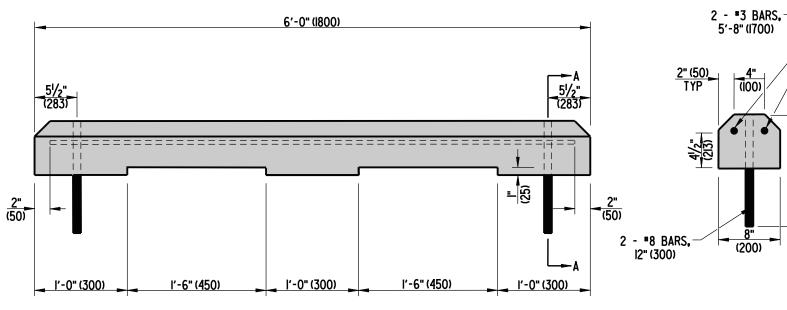
DELAWARE	P.C.C. PARKING BUMPER						
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	M-8 (2007)	SHT.	1	OF	1	RECOM

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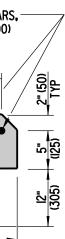
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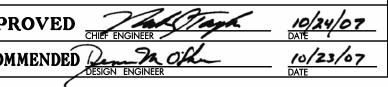




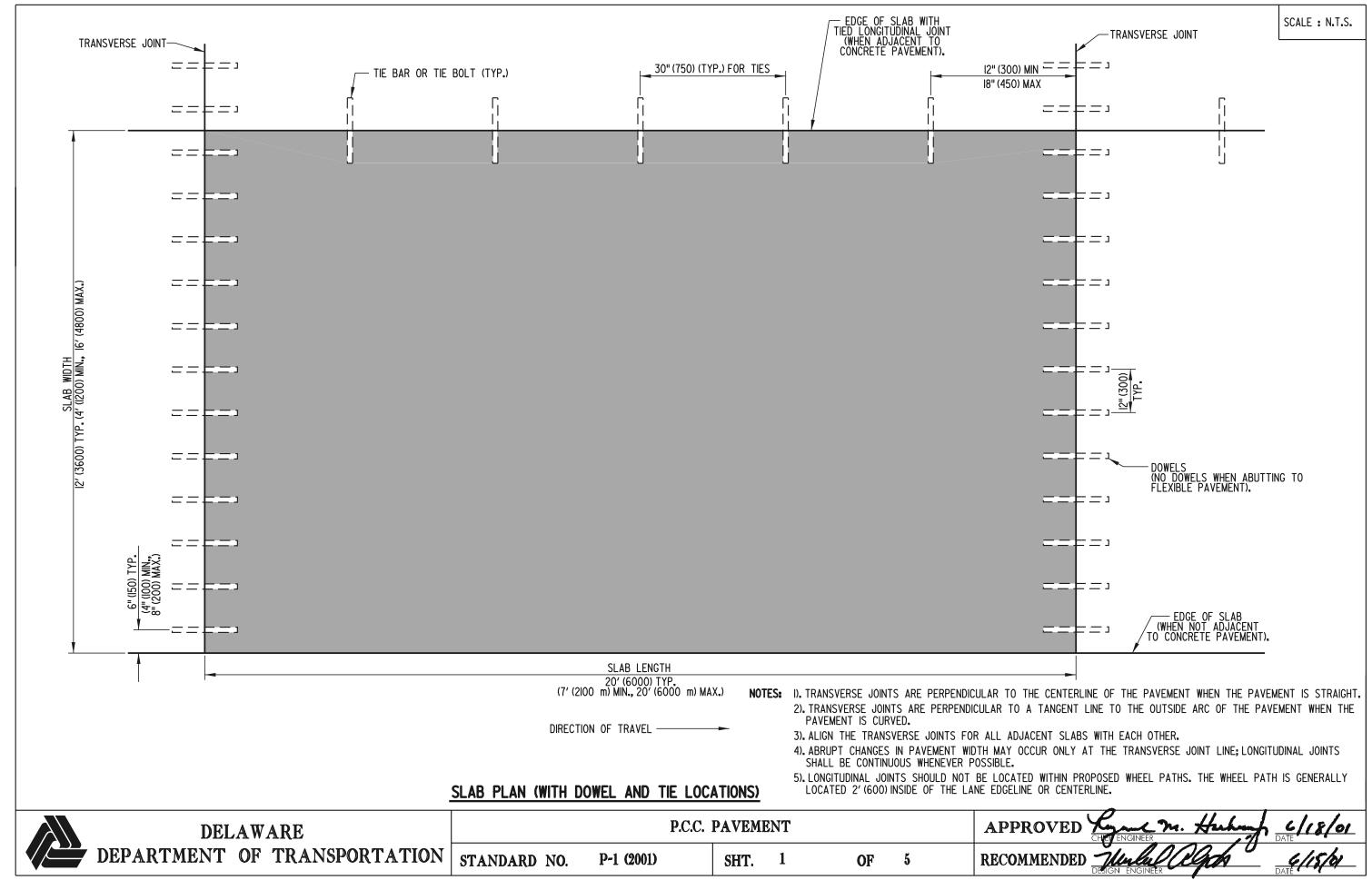


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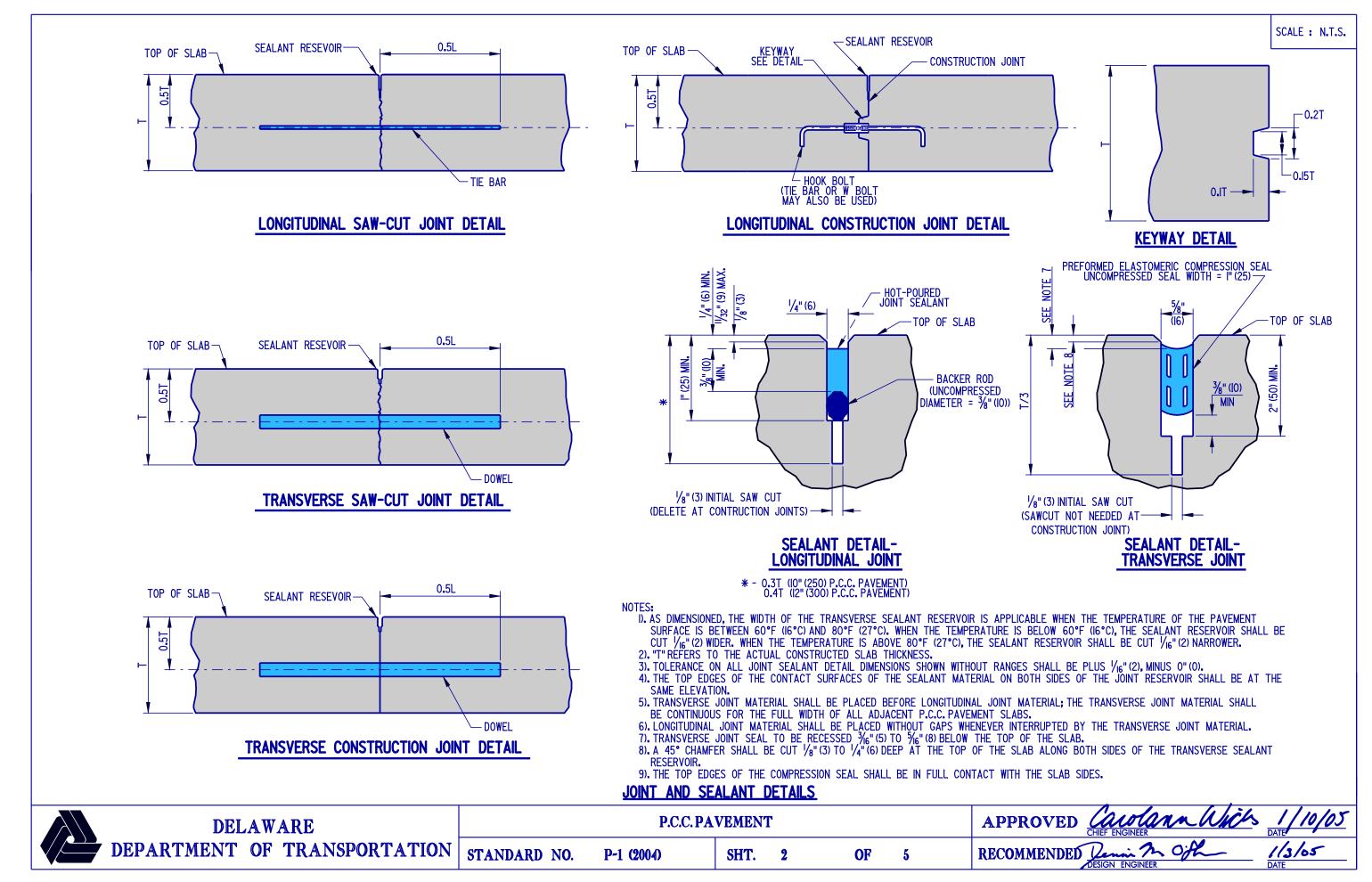


08/01/2007



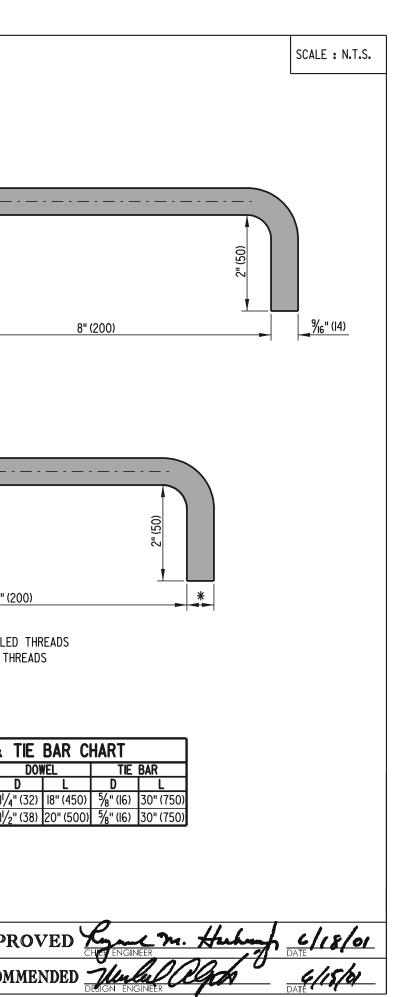
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04/18/2001

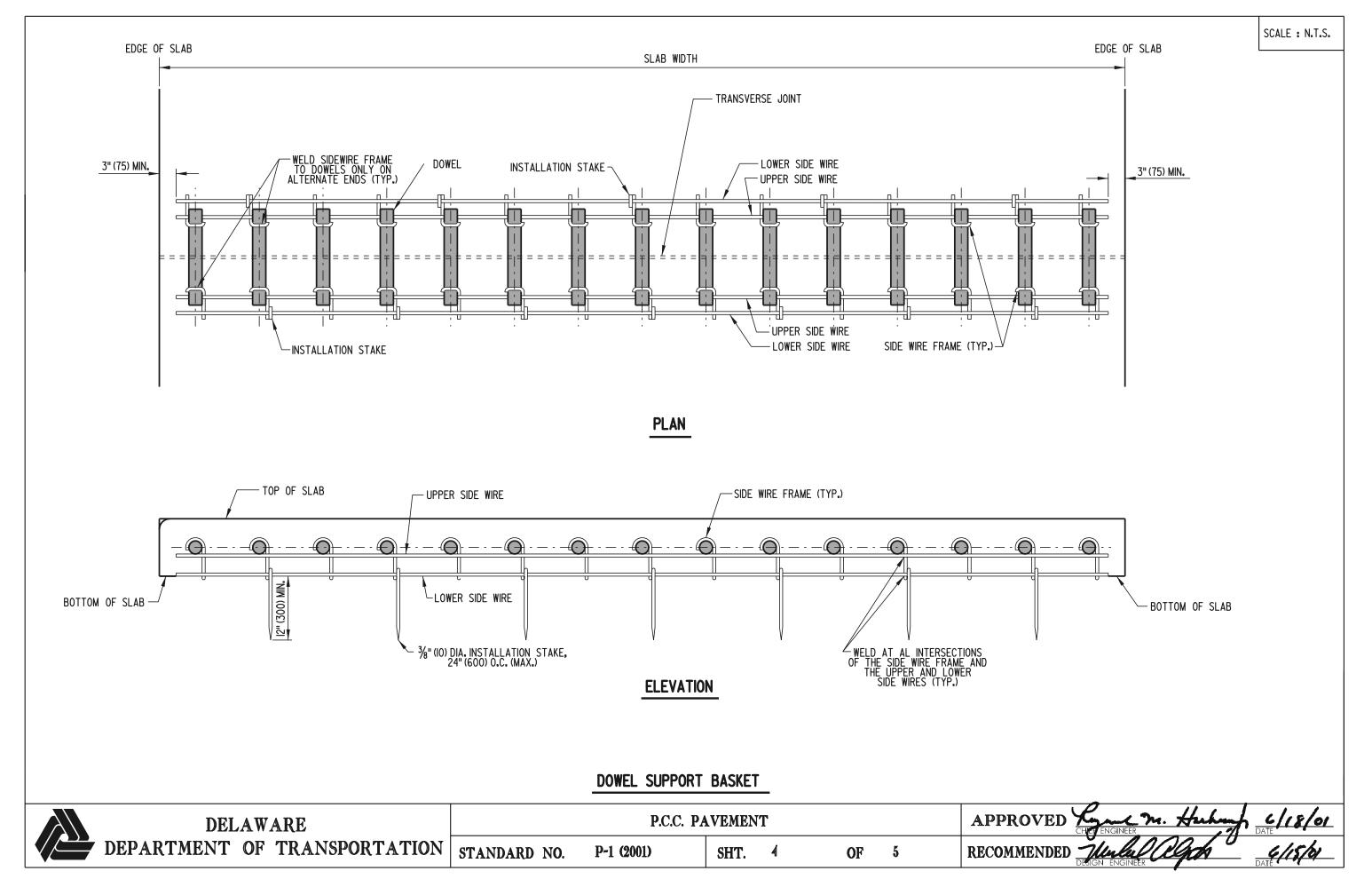


10/01/2004

$\begin{array}{c} 12"(300) \\ 19_{6}"(40) \\ 19_{6}"(40) \\ 19_{2}"(38) \\ 10_{2}"(38) $		⁷ / ₄ " (70) 5 ⁸ / ₈ " (16) TYP.		ED THREAD			
		W BO	<u>OLT</u>			-	
				THREADED STE	EL SLEEV E LENGT	VE H)	
(0 <u>9</u>] ₂ * 8" (200)			75)				
		HOOK B	OLT			(1-1-) * *	/ ₁₆ " (17) ROLLED T / ₄ " (19) CUT THRE <i>I</i>
 <u>Dowel &</u>	L 					THI 10'	OWEL & TIE SLAB D CKNESS D "(250) I ¹ /4" (3) '(300) I ¹ /2" (3)
DELAWARE		P.C.C. PA	VEMENI	ſ			APPRO
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	P-1 (2001)	SHT.	3	OF	5	RECOMM



05/22/2001



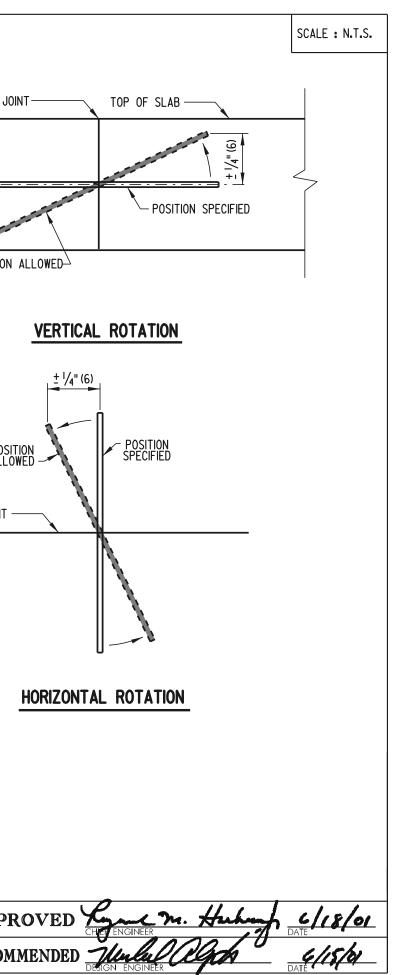
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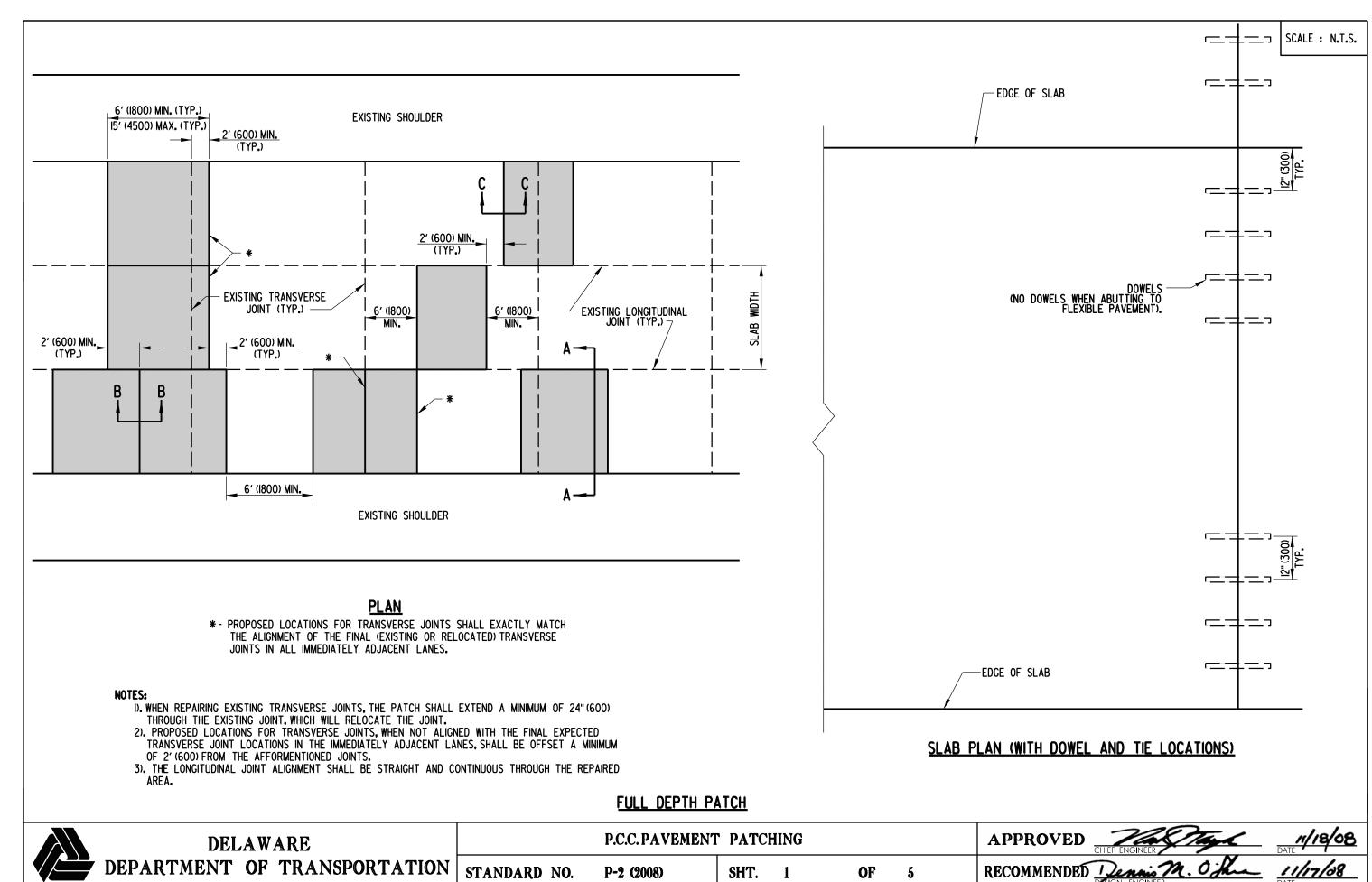
04/18/2001

\bigcirc	TRANSVERSE JOINT TOP	OF SLAB					TRA	NSVERSE JOINT-
	POSITION SPECIFIED POSITION ALLOWED							POSITION ALL
	VERTICAL TRA		-					-
\bigcirc	TRANSVERSE JOINT	POSITION ALLOWED TRANSVERSE JOINT POSITION SPECIFIED	± " (25)				TRANSVE	Position Allowed
	HORIZONTAL TRANSLATION	LONGITUDINA	L TRANSLATION	-				Н
\bigcirc		-	DOWEL & TIE B			<u>LERANCES</u>		
	DELAWARE DEPARTMENT OF TRANSPORTATION			PAVEME				APPRO
	DEPARTMENT OF TRANSPORTATION	STANDARD NO. P	D-1 (2001)	SHT.	5	OF	5	RECOMME

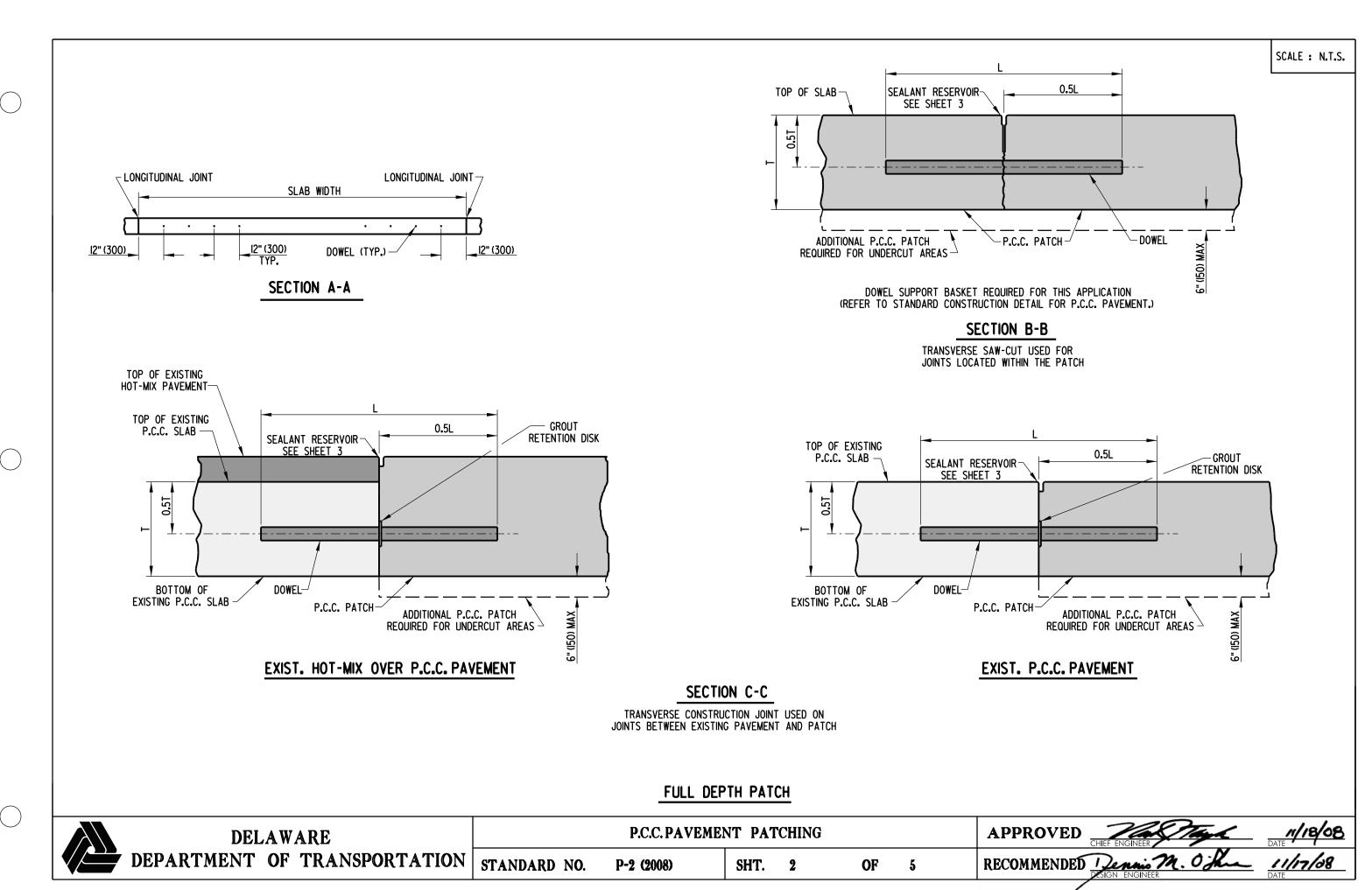


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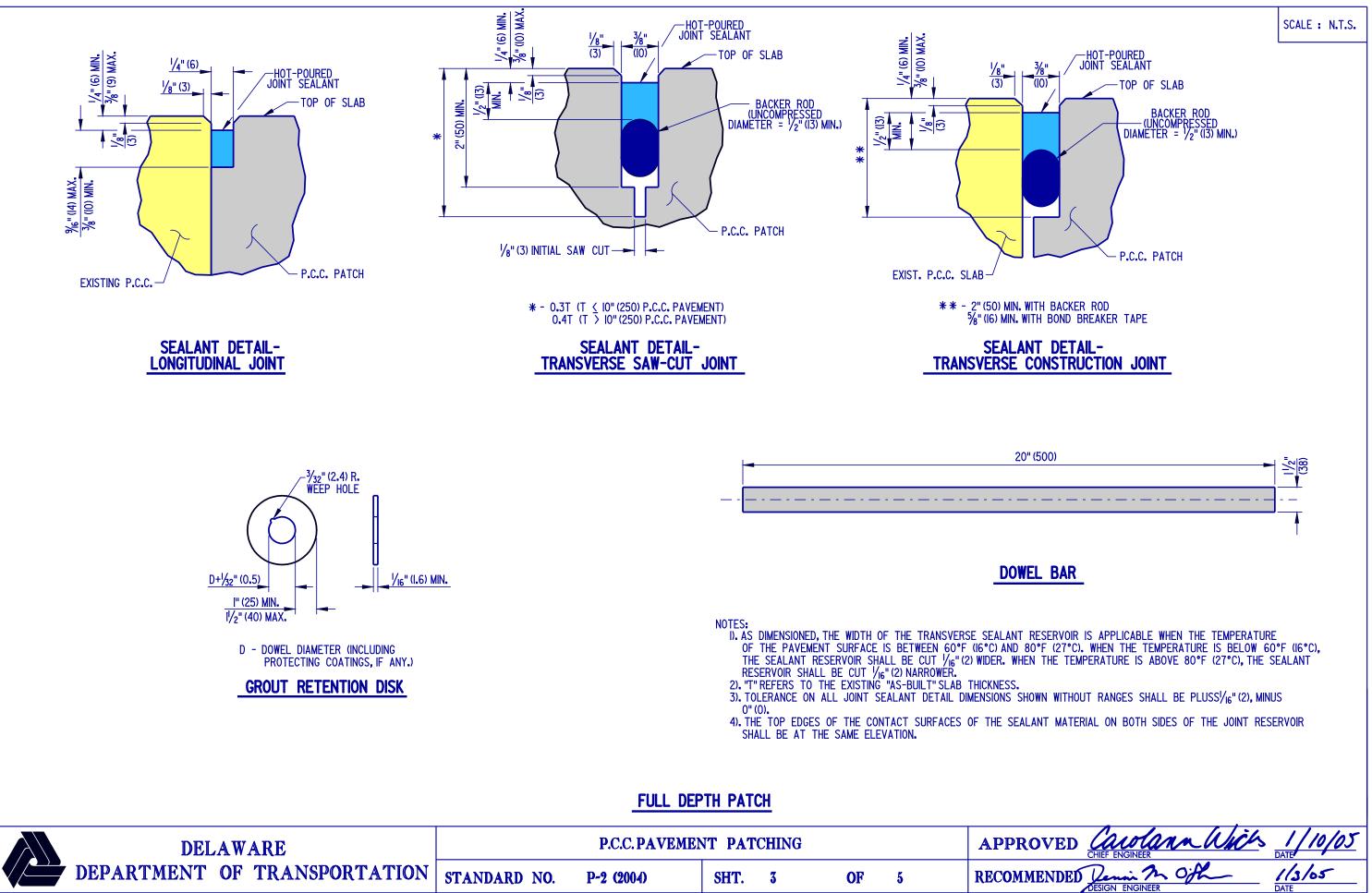
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11/14/2008

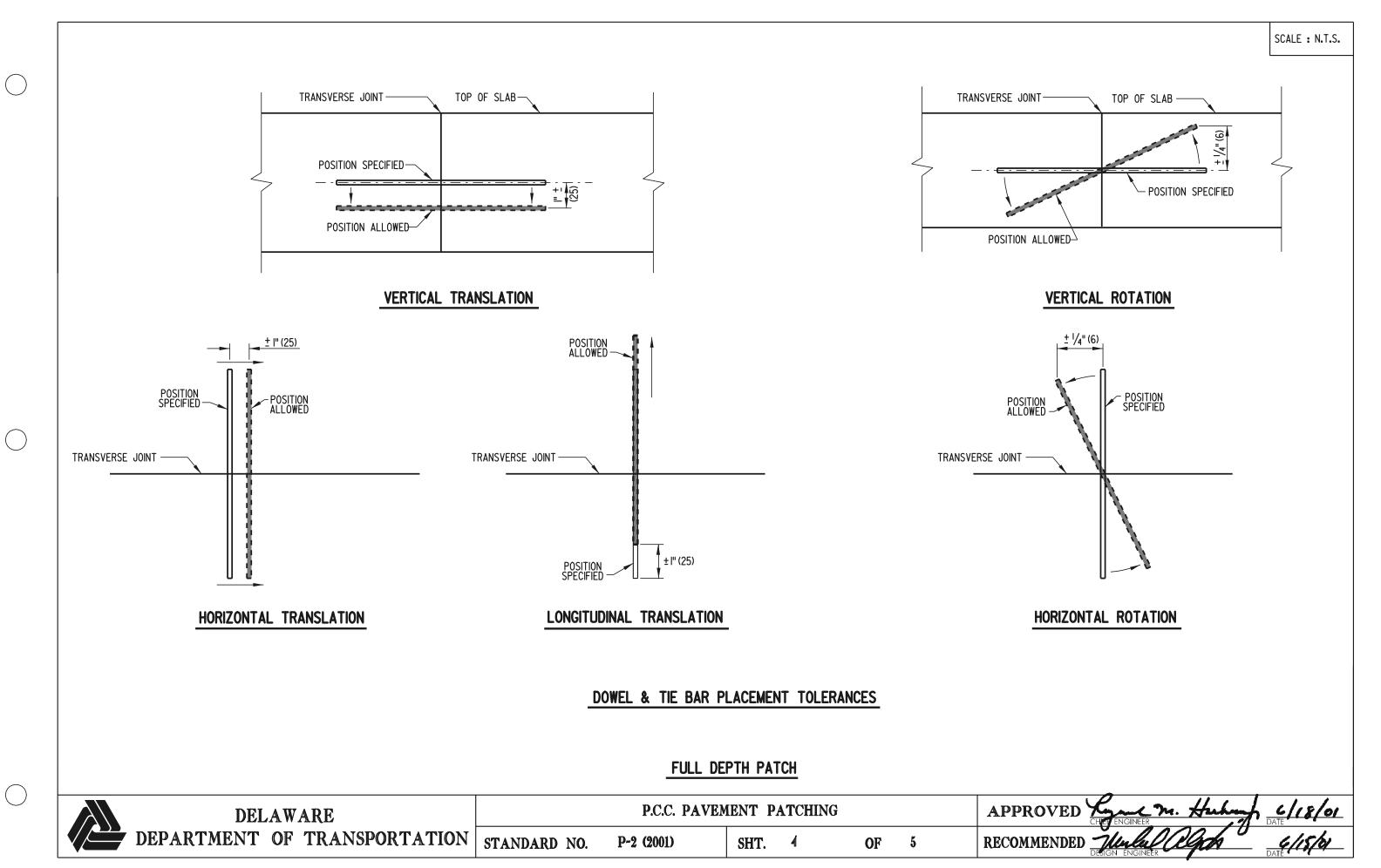


^{11/14/2008}

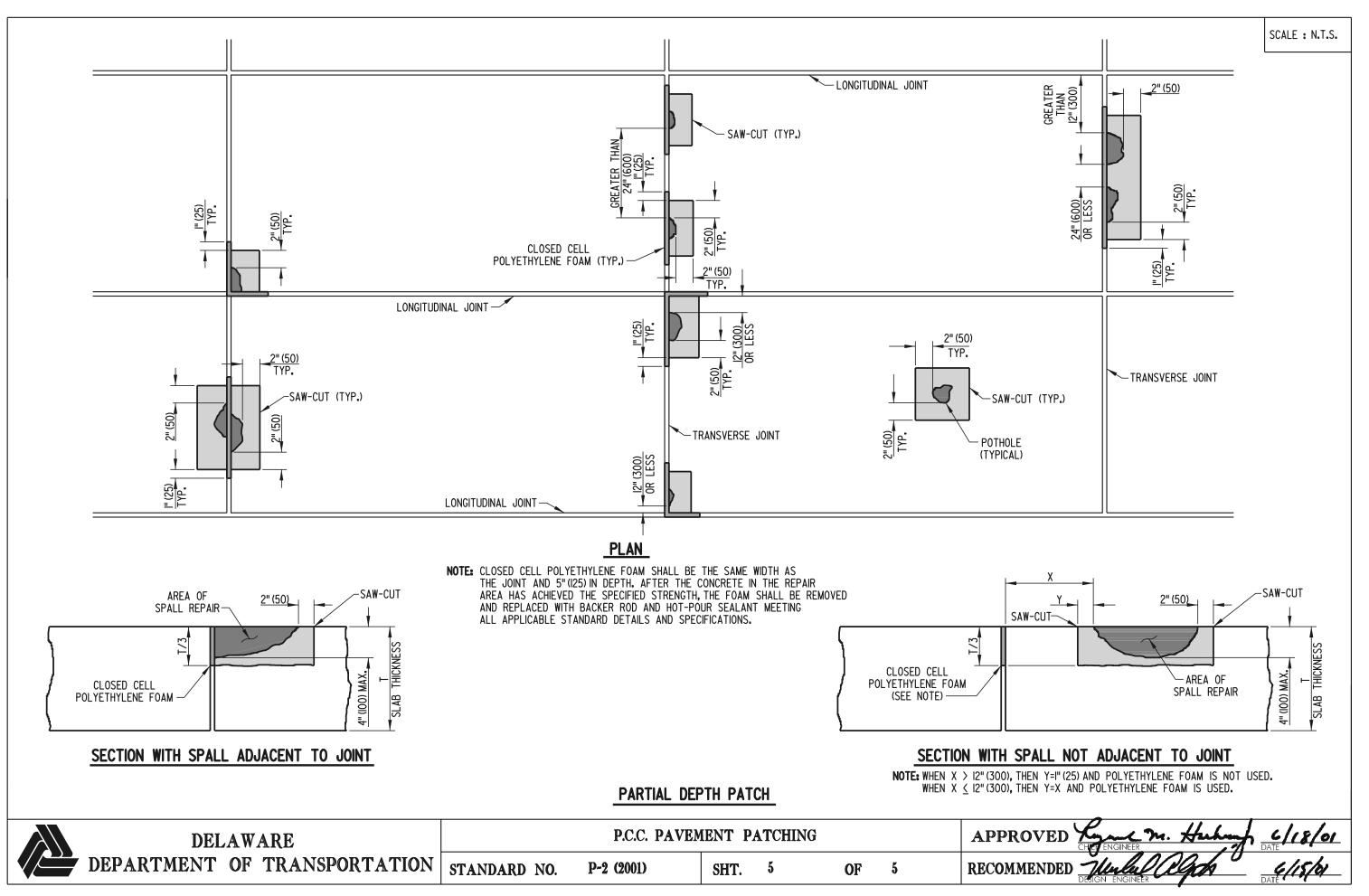


DELAWARE			APPRO				
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	P-2 (2004)	SHT.	3	OF	5	RECOMME

10/01/2004

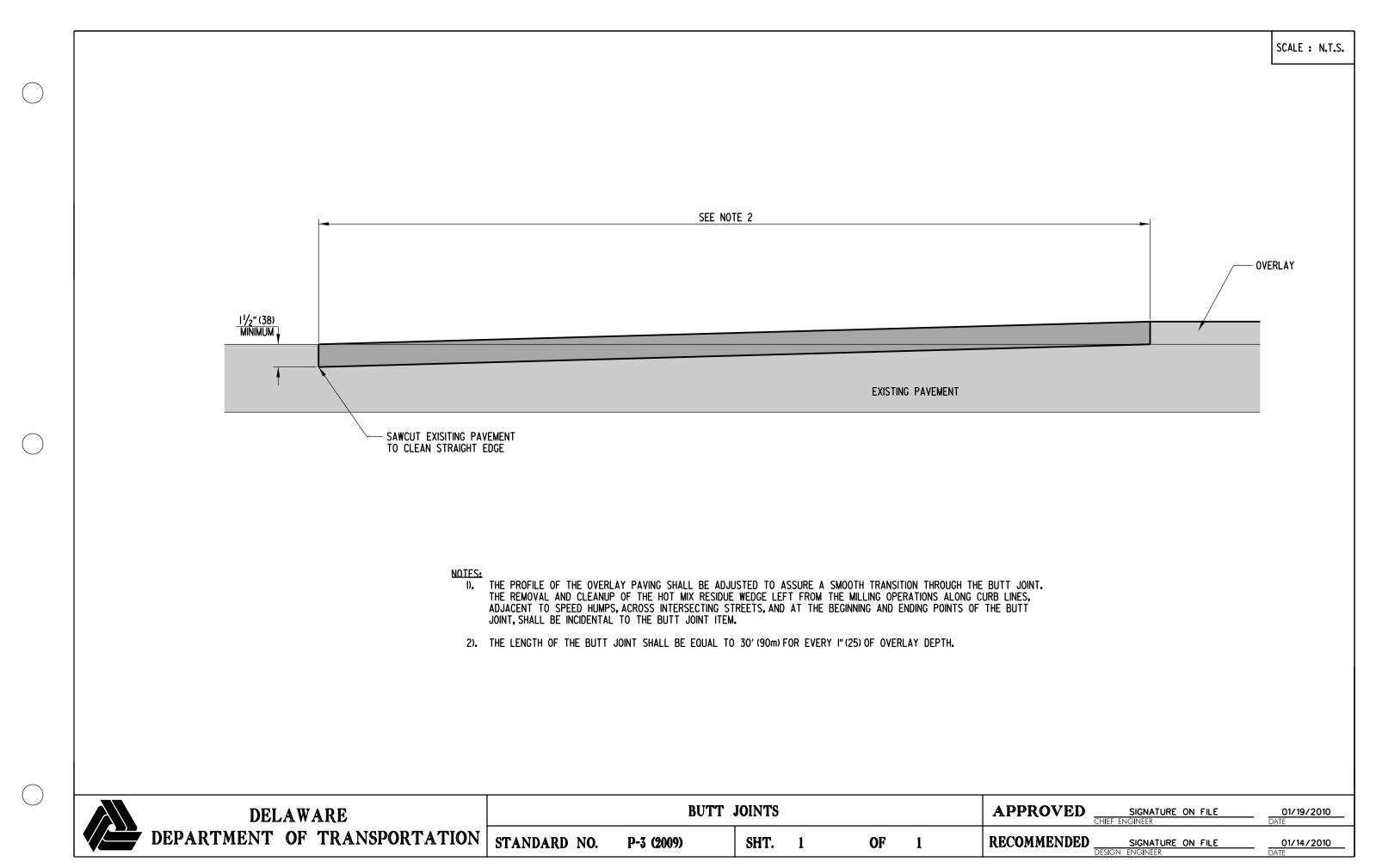


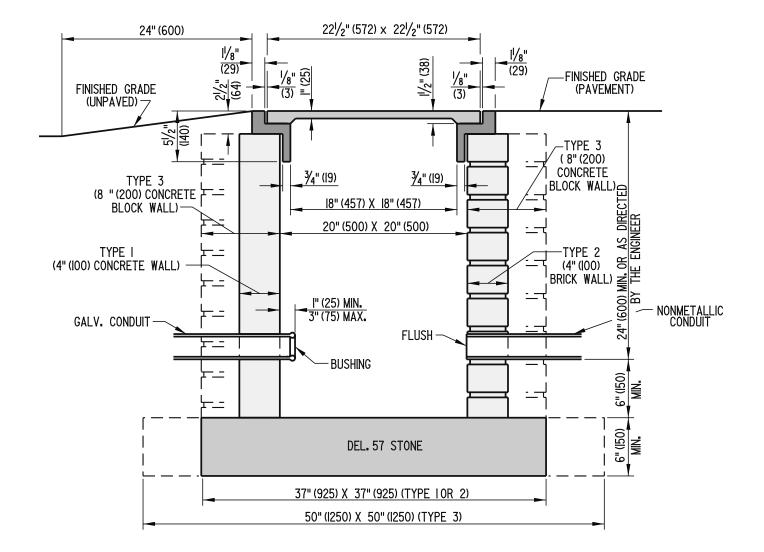
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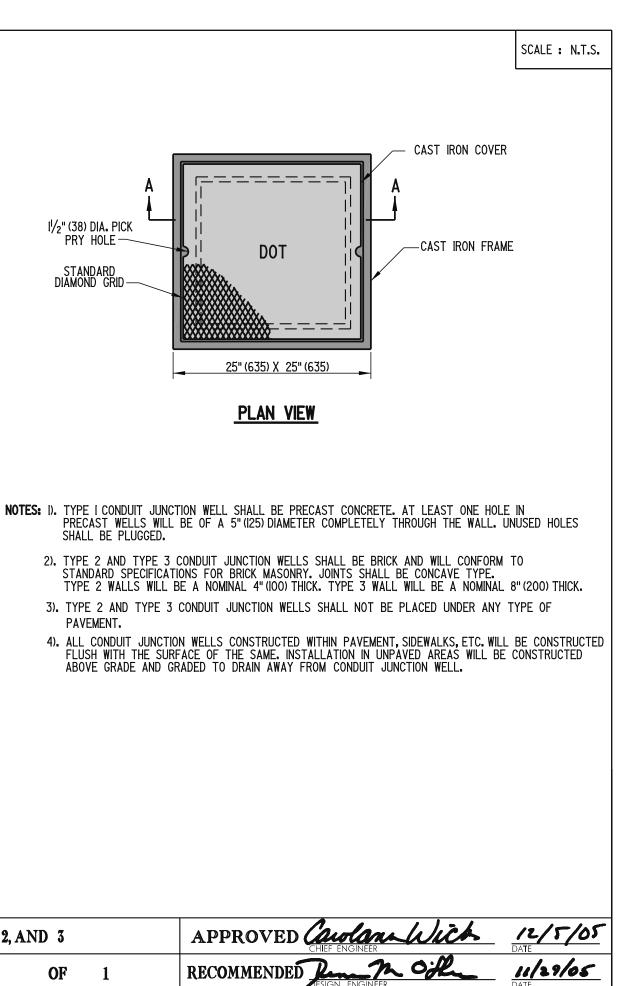


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05/22/2001



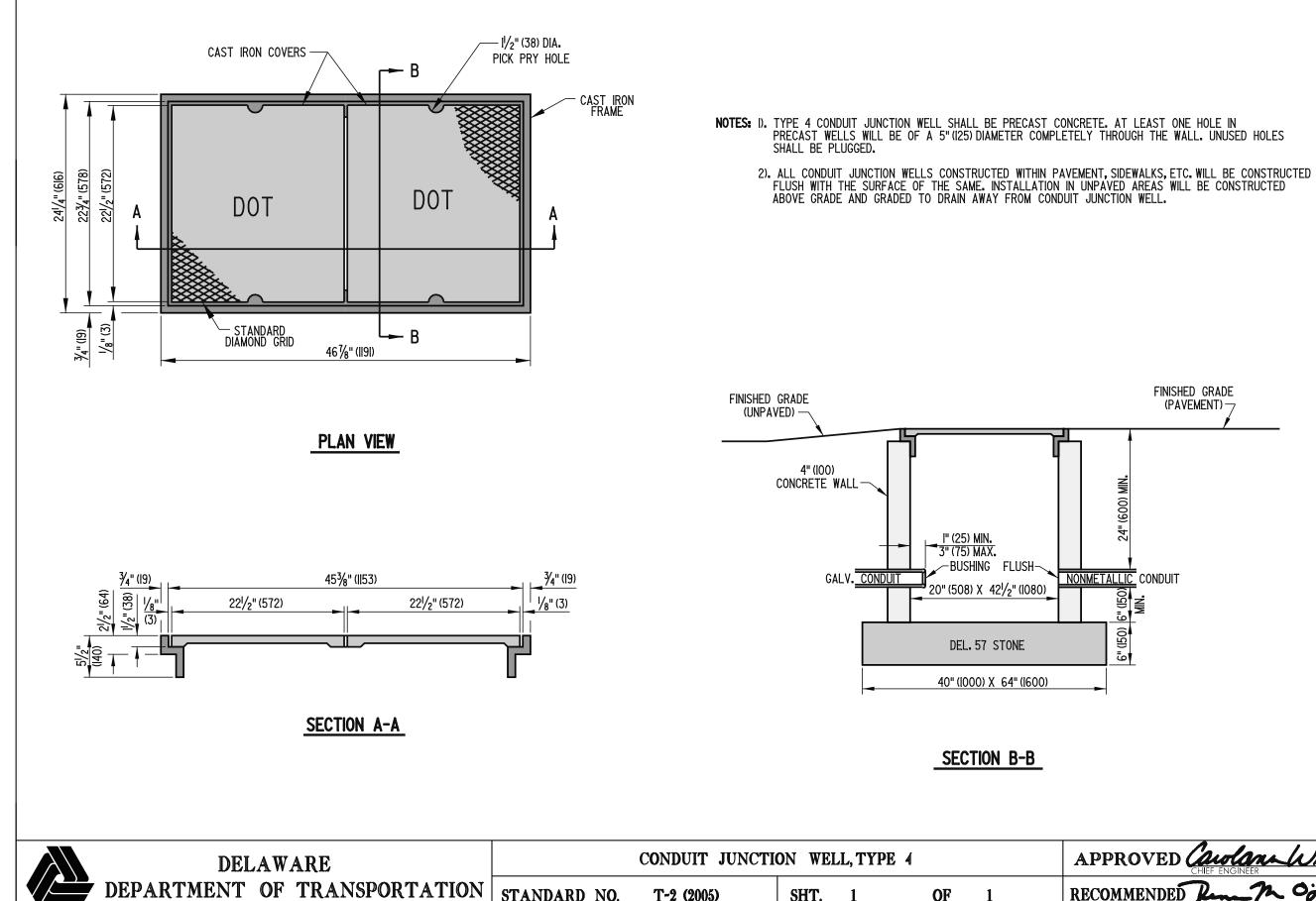




- - PAVEMENT.

SECTION A-A

DELAWARE	CONDUIT JUNCTION WELL, TYPES 1, 2, AND 3							APPR
DEPARTMENT OF TRANSPORTATION	STANDARD NO.). T-1	(2005)	SHT.	1	OF	1	RECOM



STANDARD NO.

T-2 (2005)

SHT. 1

OF

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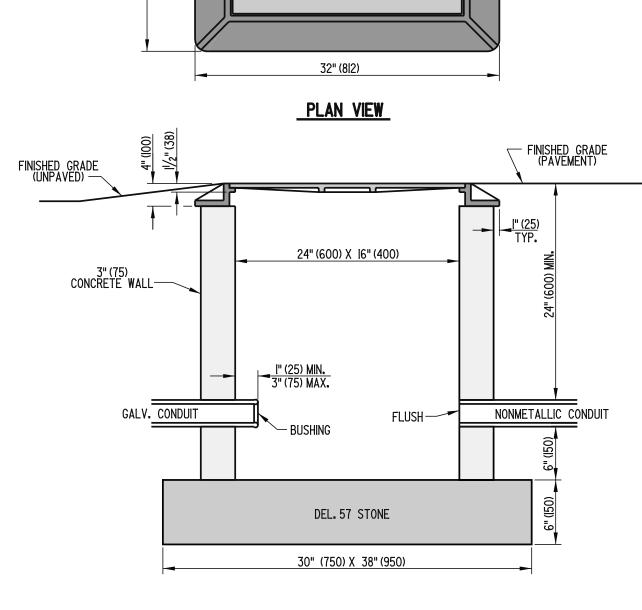
SCALE : N.T.S.

FINISHED GRADE (PAVEMENT) MIN. APPROVED Caustan Uick 12/5/05 CHIEF ENGINEER DATE RECOMMENDED Provide Contraction 11/29/05

	DELAWARE DEPARTMENT OF TRANSPORTATION		APPRO			
		STANDARD NO.	T-3 (2005)	SHT.	1	OF

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SECTION A-A



DOT

- NOTES: 1). TYPE 5 CONDUIT JUNCTION WELL SHALL BE PRECAST CONCRETE, AT LEAST ONE HOLE IN PRECAST WELLS WILL BE OF A 5" (125) DIAMETER COMPLETELY THROUGH THE WALL. UNUSED HOLES SHALL BE PLUGGED.
 - 2). ALL CONDUIT JUNCTION WELLS CONSTRUCTED WITHIN PAVEMENT, SIDEWALKS, ETC. WILL BE CONSTRUCTED FLUSH WITH THE SURFACE OF THE SAME. INSTALLATION IN UNPAVED AREAS WILL BE CONSTRUCTED ABOVE GRADE AND GRADED TO DRAIN AWAY FROM CONDUIT JUNCTION WELL.

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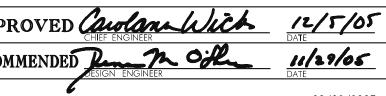
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24" (610)

Α

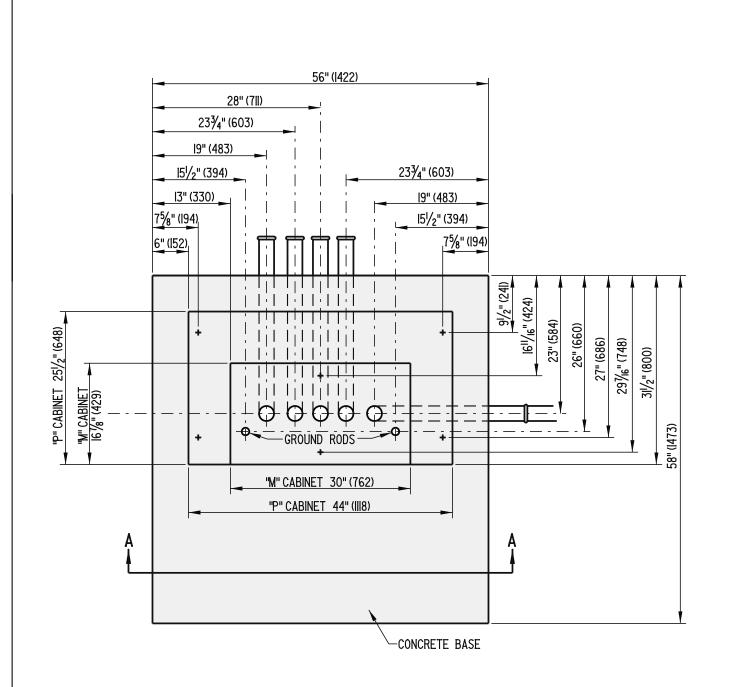
SCALE : N.T.S.



DELAWARE		CABINET BASES (TYPES 'M' & 'P')						APPR
DEPARTMENT OF TRANSPORTA	TION	STANDARD NO.	T-4 (2005)	SHT.	1	OF	1	RECOMM

CONCRETE CABINET BASE

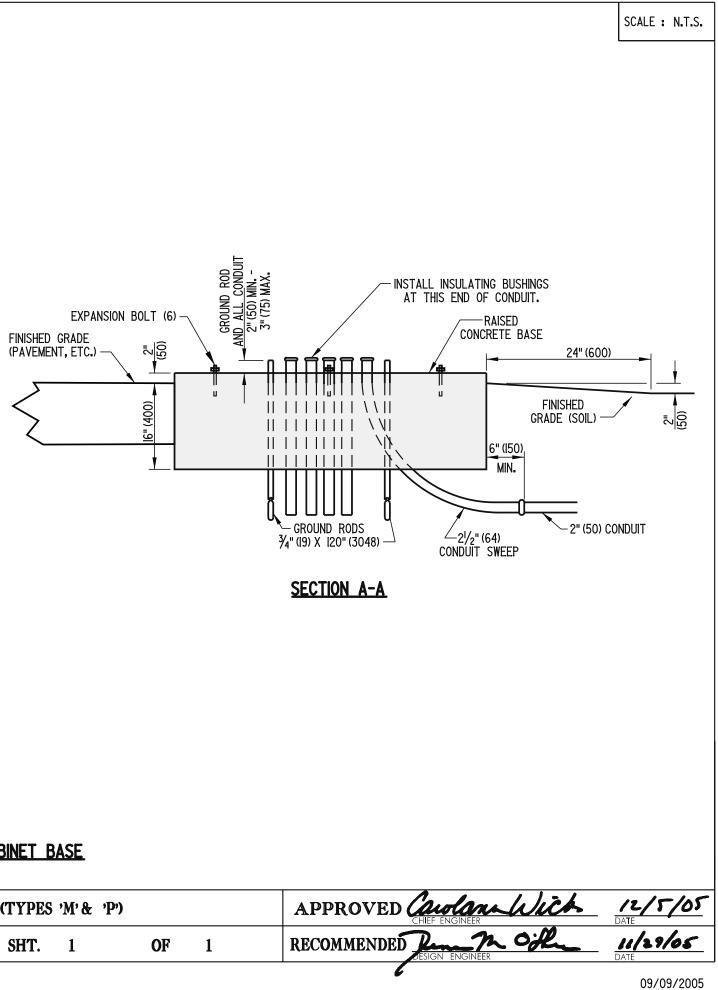




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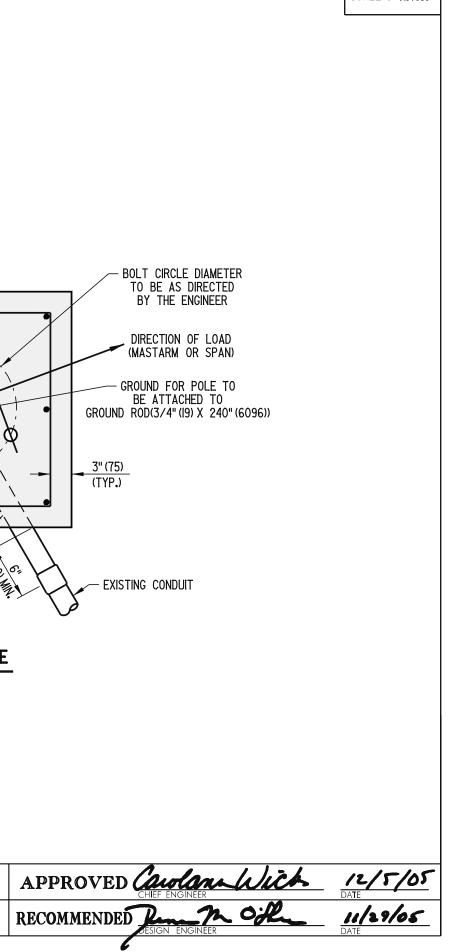


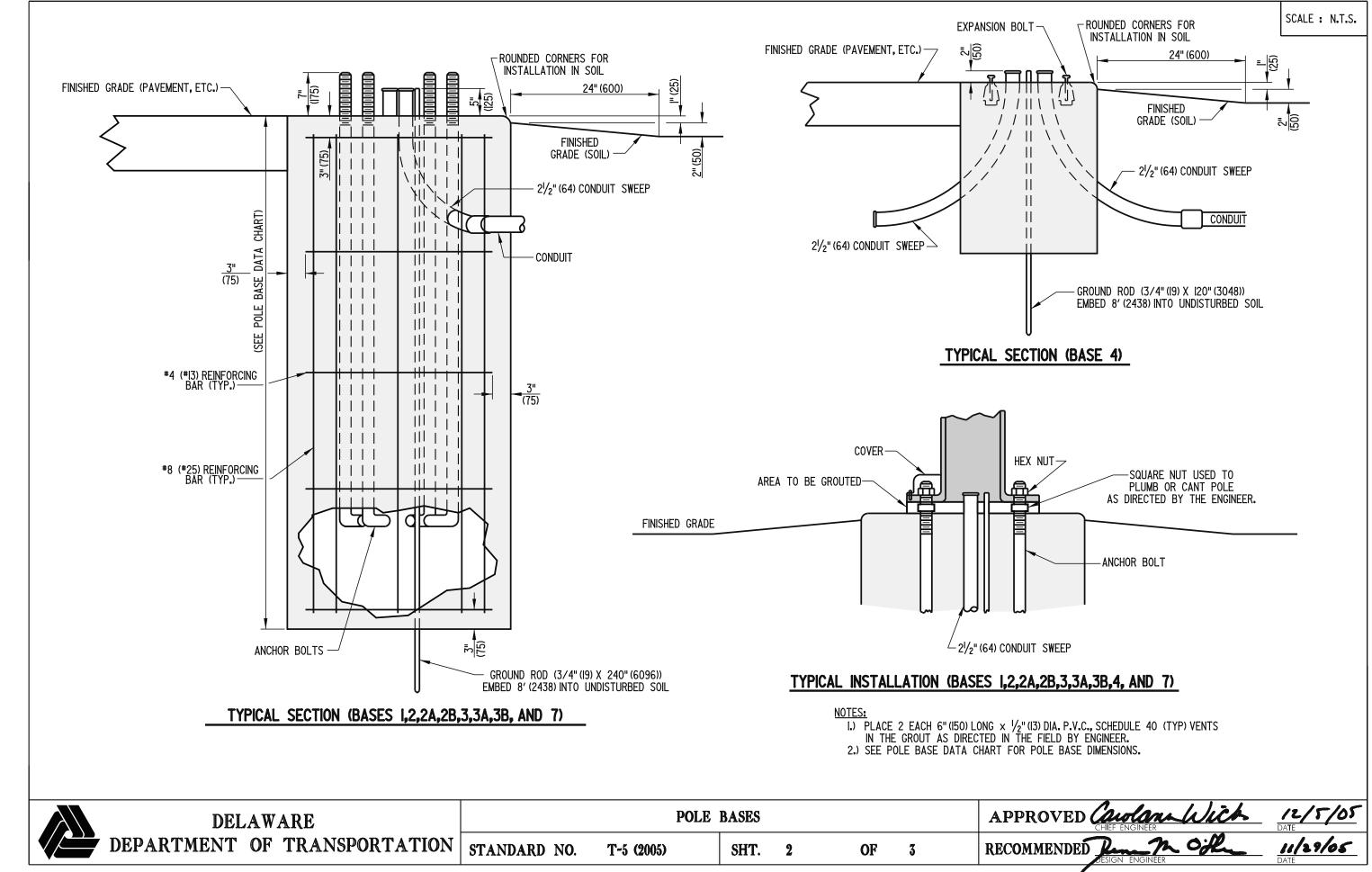


\bigcirc				
\bigcirc	CONNECTED TO AN EXISTING CONDUIT.	SHALL BE CAPPED THREADED CONE CONNECTED TO AN EINFORCING BARS EQUALLY SPACED *13) REINFORCING BARS	SQUARE BASE	V)
\bigcirc	DELAWARE DEPARTMENT OF TRANSPORTATION	POLE STANDARD NO. T-5 (2005)	BASES SHT. 1 OF 3	APPRO



SCALE : N.T.S.



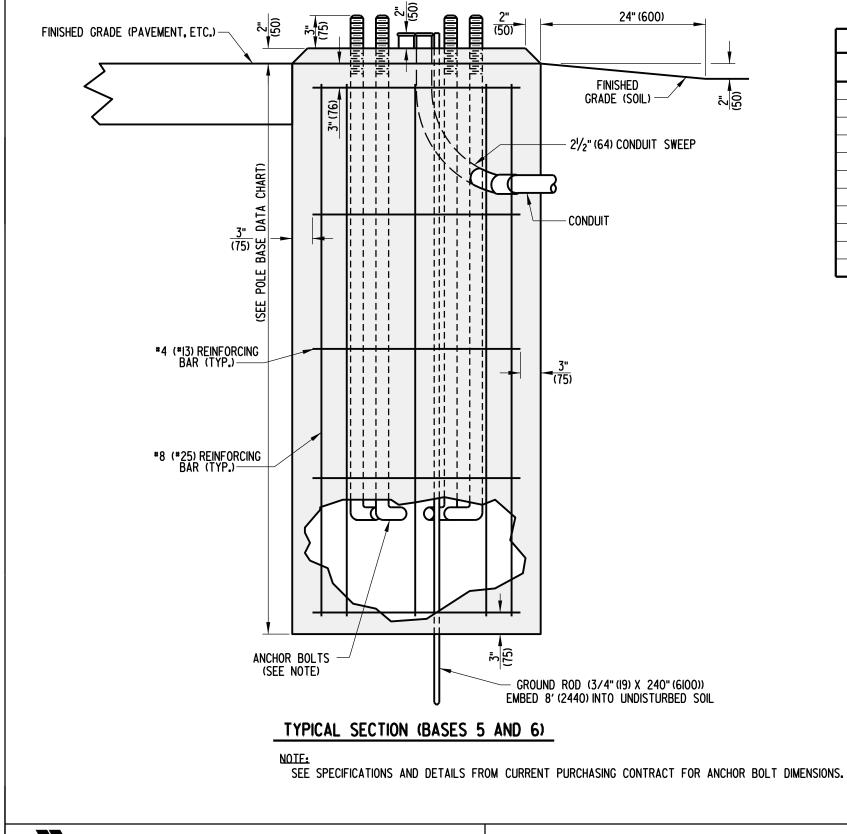


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DEPARTMENT	OF	TRANSPORTATION	STANDARD	N O .	T-5 (2005)	SHT.	2	OF	3	RECOM

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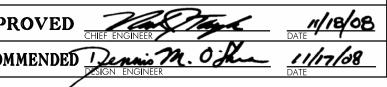


	POLE BASE DATA CHART										
POLE BASE TYPE #	DIAMETER	DEPTH *	*4 (*13) HORIZONTAL REINFORCING BARS	*8 (*25) VERTICAL REINFORCING BARS							
L L	36" (915)	7' (2150)	5	8							
2	36" (915)	10' (3050)	6	8							
2A	48" (1220)	8' (2450)	5	8							
2B	60" (1525)	7' (2150)	5	8							
3	48" (1220)	10' (3050)	6	8							
3A	60" (1525)	9' (2750)	6	8							
3B	72" (1830)	7' (2150)	5	8							
4	24" (610)	2'-4" (725)	NONE	NONE							
5	36" (915)	4' (1225)	NONE	NONE							
6	24" (610)	6' (1850)	4	8							
7	48" (1220)	13'-4" (4000)	7	8							

* - ADDITIONAL DEPTH FOR POLE BASE EXTENSION, IF REQUIRED, TO BE DETERMINED BY TRAFFIC ENGINEERING AND MANAGEMENT (TEAM) FIELD REPRESENTATIVE.

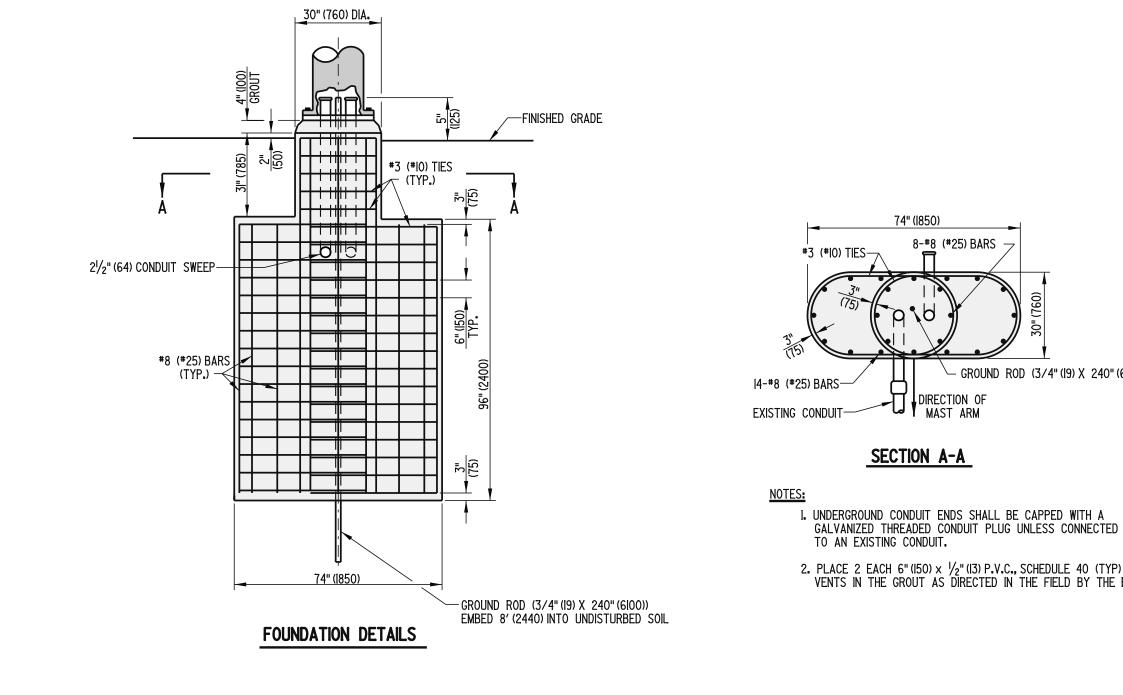
DELAWARE	POLE BASES						
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	T-5 (2008)	SHT.	3	OF	3	RECOM

SCALE : N.T.S.



07/30/2008

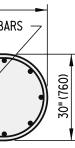
	_						
DELAWARE		SPECIAL POLE BASE					
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	T-6 (2005)	SHT.	1	OF	1	RECOM



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SCALE : N.T.S.



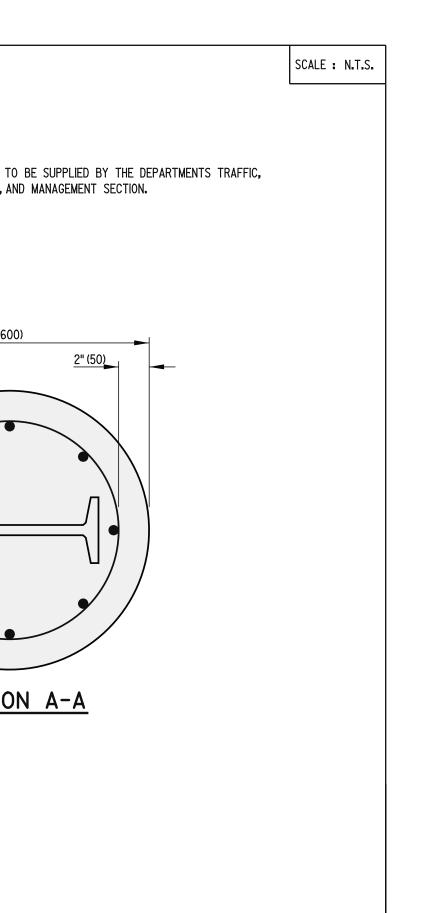
GROUND ROD (3/4" (19) X 240" (6100))

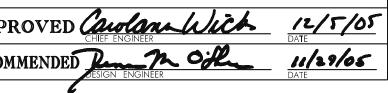
2. PLACE 2 EACH 6" (I50) x $\frac{1}{2}$ " (I3) P.V.C., SCHEDULE 40 (TYP) VENTS IN THE GROUT AS DIRECTED IN THE FIELD BY THE ENGINEER.

 PROVED
 Causlandlich
 12/5/05

 MMENDED
 Date
 11/29/05
 09/09/2005

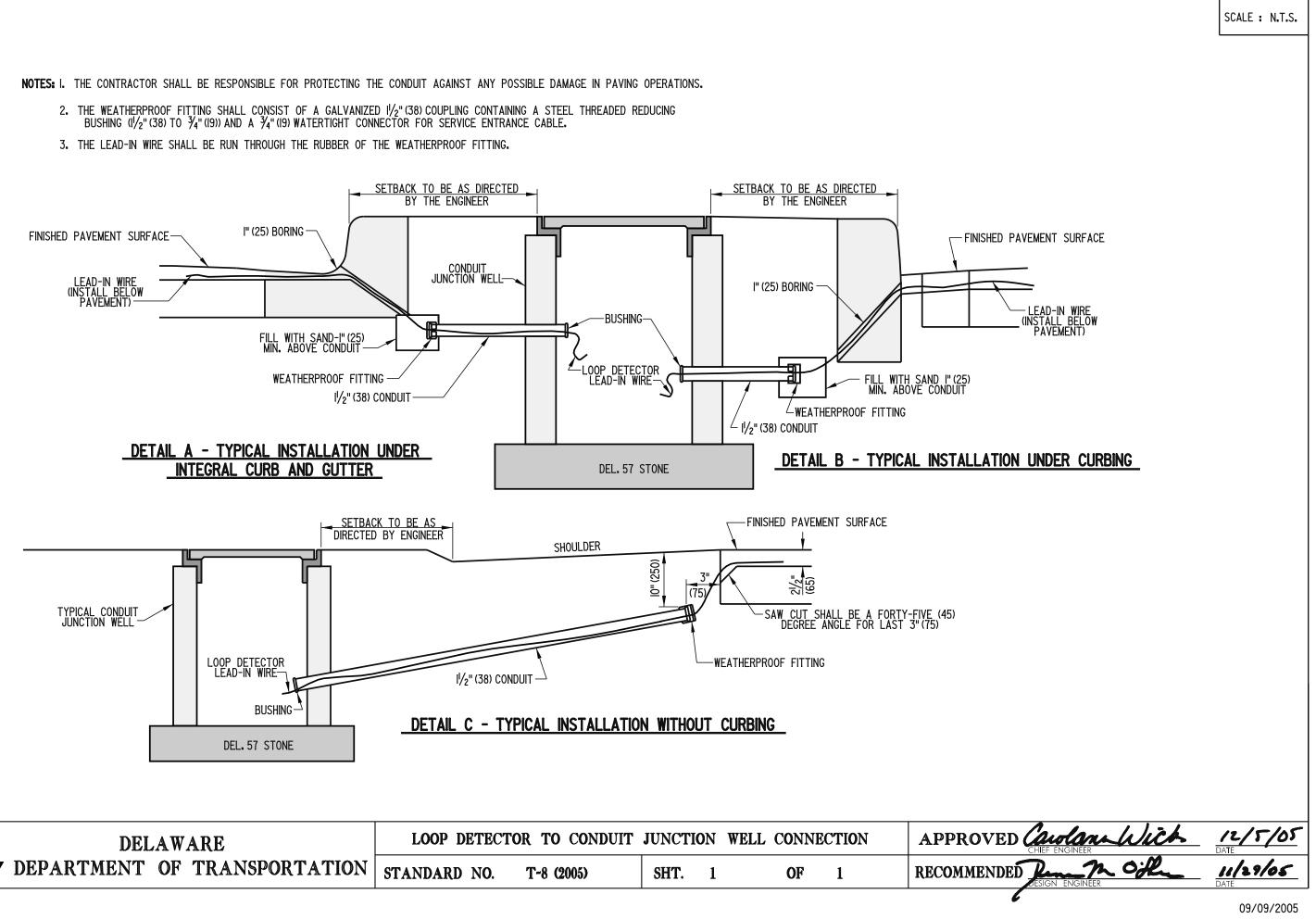
\bigcirc	FINISHED GRADE	DIMENSIONS VARY)	TUB POST *3 (*10) SPIRAL BAR 8 - *5 (*16) BARS	TUB POST TO IGINEERING, AN
0	DELAWARE	SIGN FOU	UNDATION	APPR
	DEPARTMENT OF TRANSPORTATION	STANDARD NO. T-7 (2005)	SHT. 1 OF 1	RECOMM





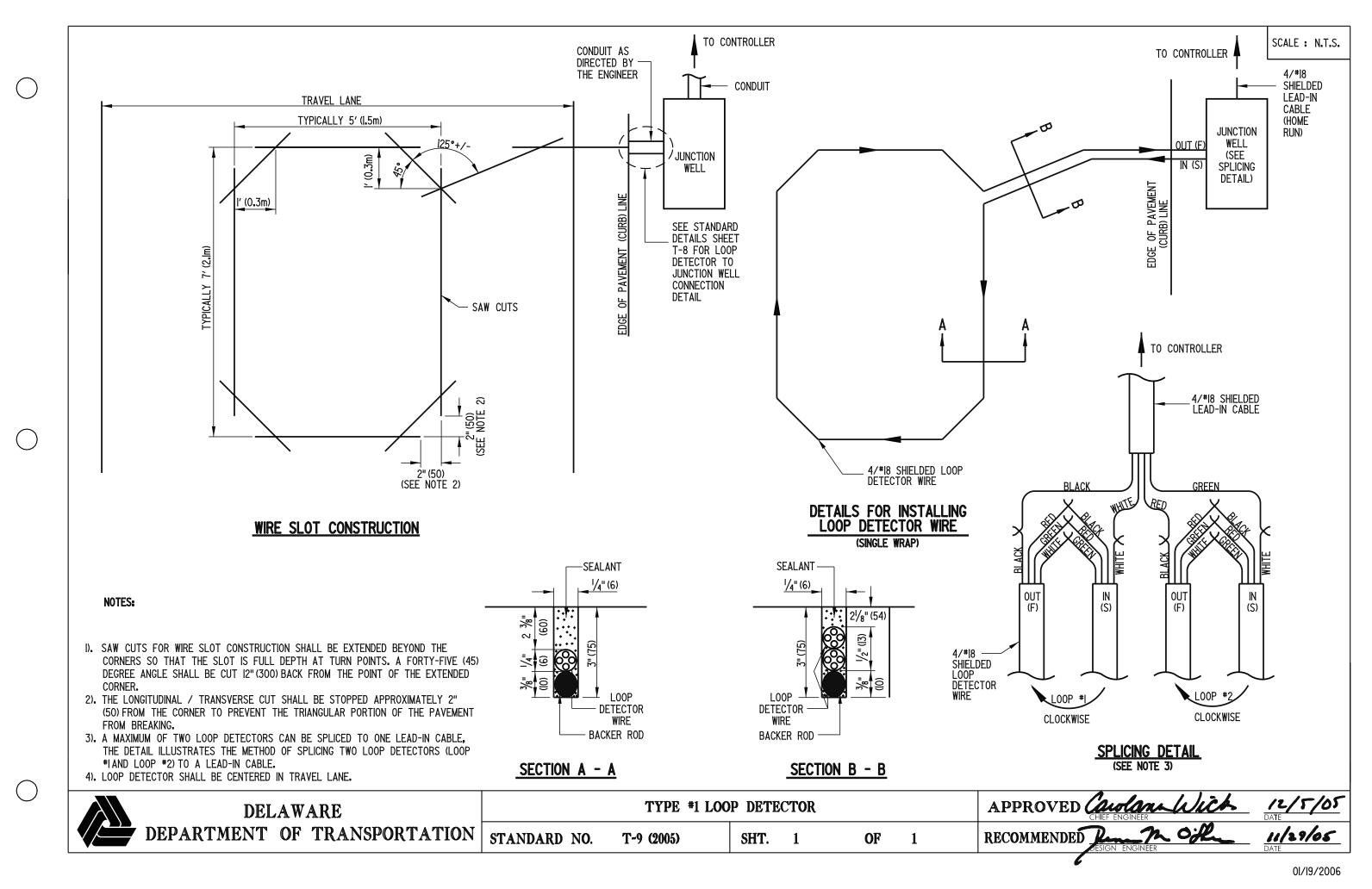
09/09/2005

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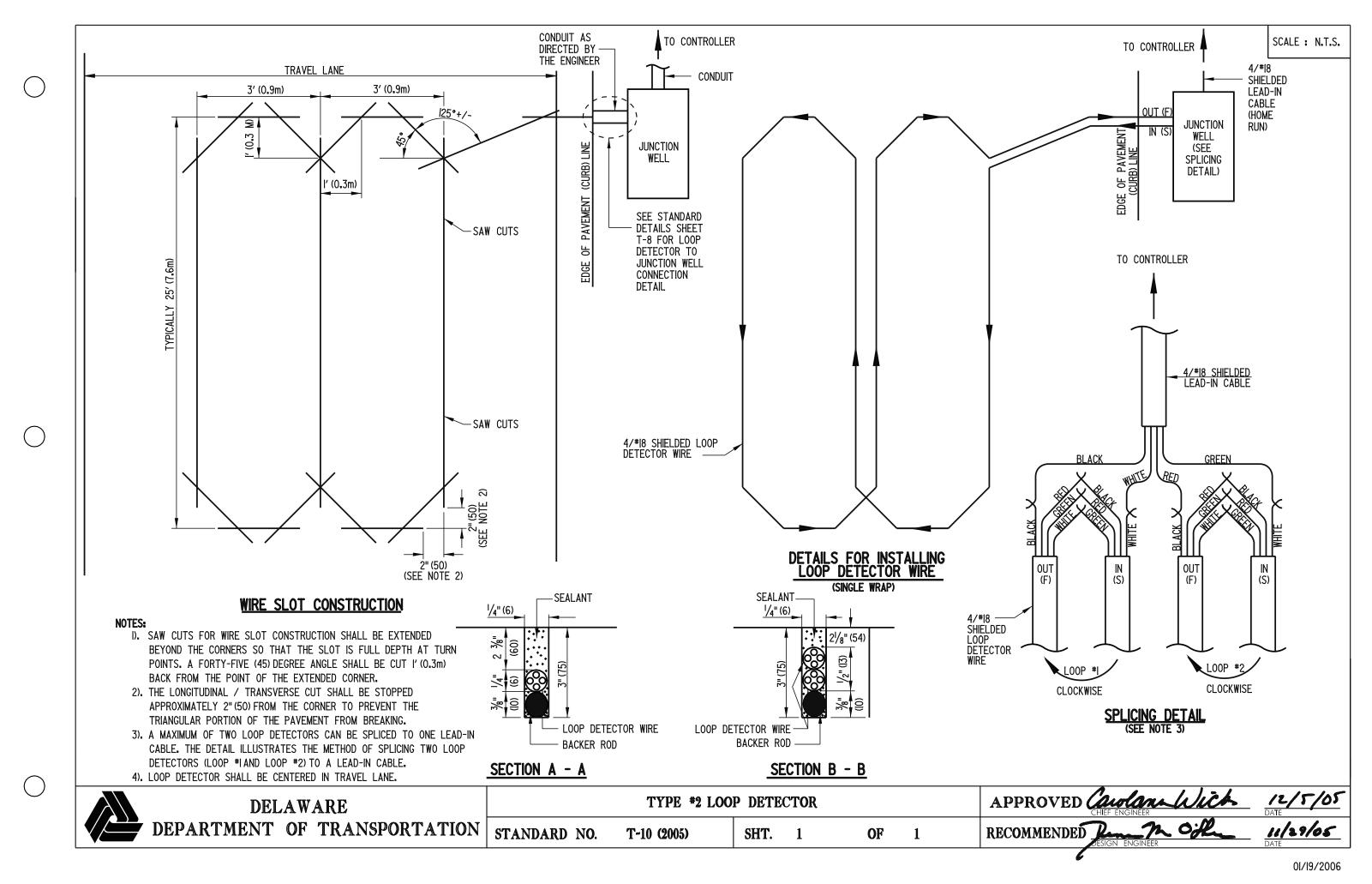


DELAWARE	LOOP DETECTO	OR TO CONDUIT	JUNCTIO	NCTION WELL CONNECTION	APPR		
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	T-8 (2005)	SHT.	1	OF	1	RECOM



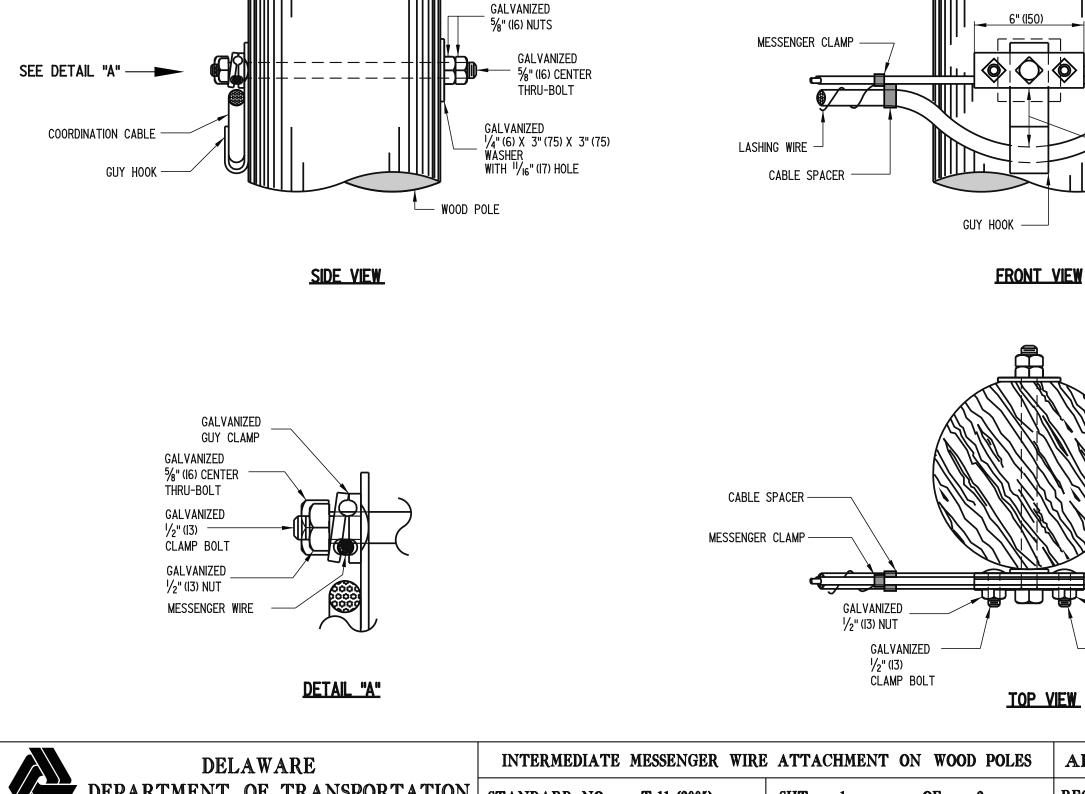








DELAWARE	INTERMEDIATE	MESSENGER	WIRE A	ATTAC	HMENT	ON W	OOD	POLES	APPR
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	T-11 (2005)	S	SHT.	1	OF	2		RECOMM



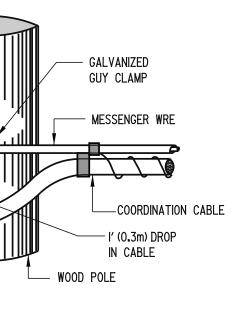
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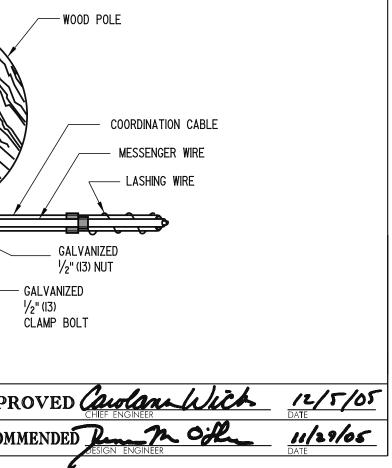
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INTERMEDIATE

SCALE : N.T.S.



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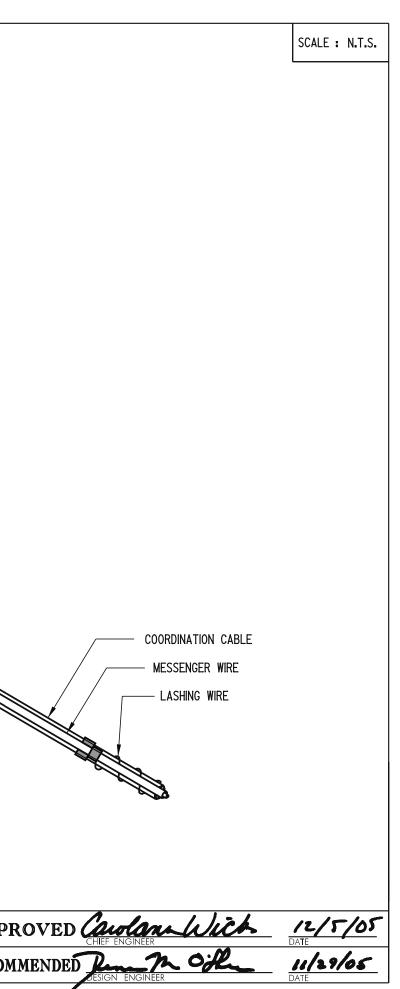
09/09/2005

$\mathbf{)}$								
		GALVAI ¾" (19) GALVANIZED - ¾" (19) NUTS	NIZED EYEBOLT		GALVAI 	NIZED X 3" (75) X 3" (R ³ / ₁₆ " (21) HOLE DI F	75)	
)	SERVICE WEDGE CLAMP	000	Q	- Lo	00	GAL VANIZED 1/4" (6) X 3" WASHER WITH 13/16" (2) (75) X 3" (75) 21) Hole	
	CABLE SPACER MESSENGER CLAMP							
			TOP VIEW					
	DELAWARE DEPARTMENT OF TRANSPORTATION		INTERMEDIATE ME	1				APPR
		STANDARD NO.	T-11 (2005)	SHT.	2	OF	2	RECOM

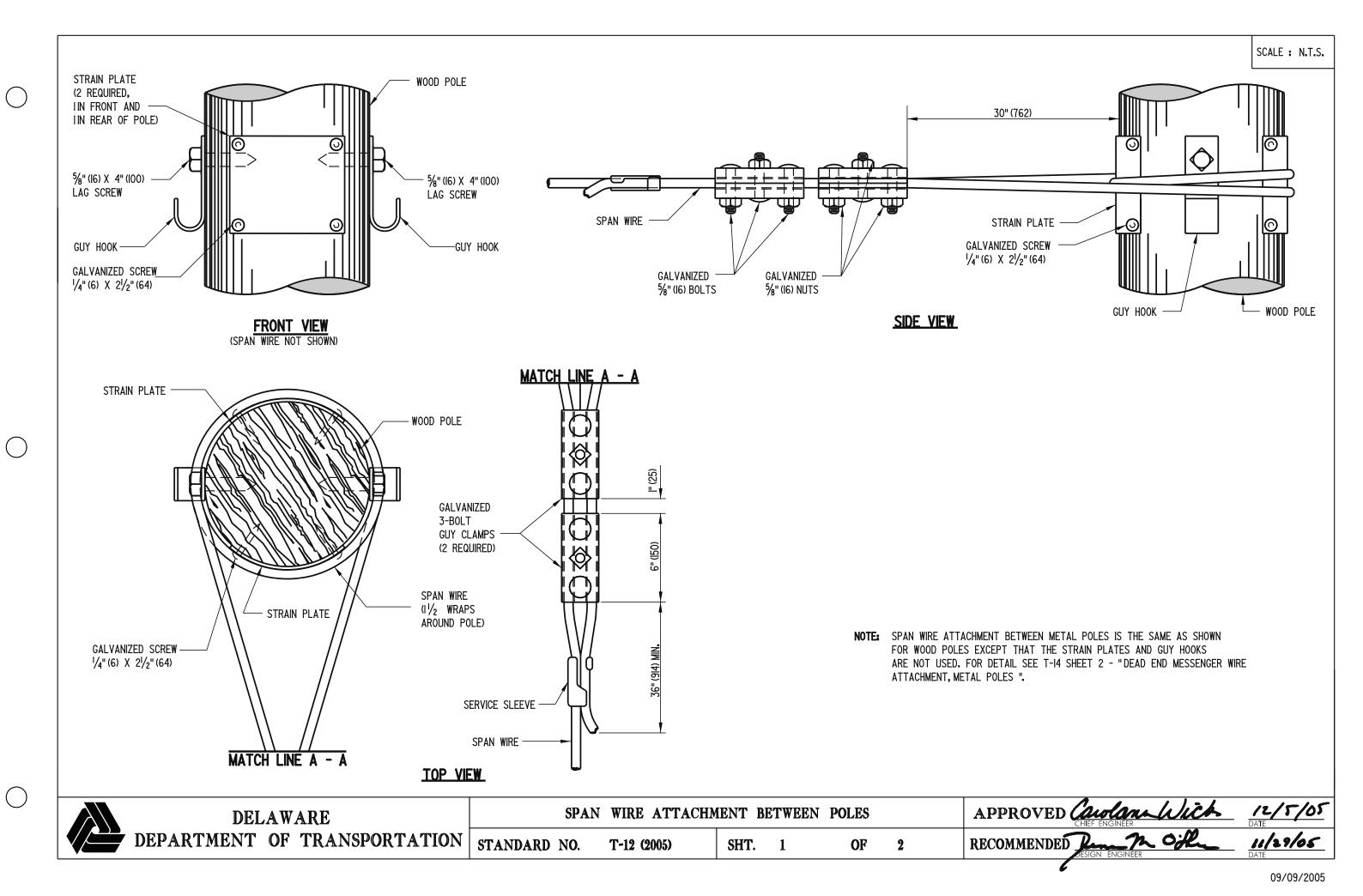
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09/27/2004



\bigcirc	SERVICE WEDGE CLAMP MESSENGER WIRE MESSENGER CLAMP LASHING WIRE CABLE SPACER	GALVANIZED /4"(6) X 3"(75) X 3"(7 WASHER WITH "3/6"(2)) HOLE (ELECTRICAL CABLE WOOD POL			GALVANIZE
\bigcirc	ERVICE SLEEVE	METAL POLE	ES R WIRE ATTACHMENT	(I 1/2 AROUI	ENGER WIRE WRAPS ND POLE) IOTES: (). INS ATT ATT
	DELAWARE DEPARTMENT OF TRANSPORTATION		SHT. 2 OF	2	RECOMM

SCALE : N.T.S. NIZED NUTS UIRED) ALVANIZED 4" (19) EYEBOLT ZED 3" (75) X 3" (75) 5" (2I) HOLE INSTALLATION METHOD SHOWN FOR DEAD END MESSENGER WIRE ATTACHMENT TO METAL POLES SHALL BE USED FOR SPAN WIRE ATTACHMENT BETWEEN METAL POLES.

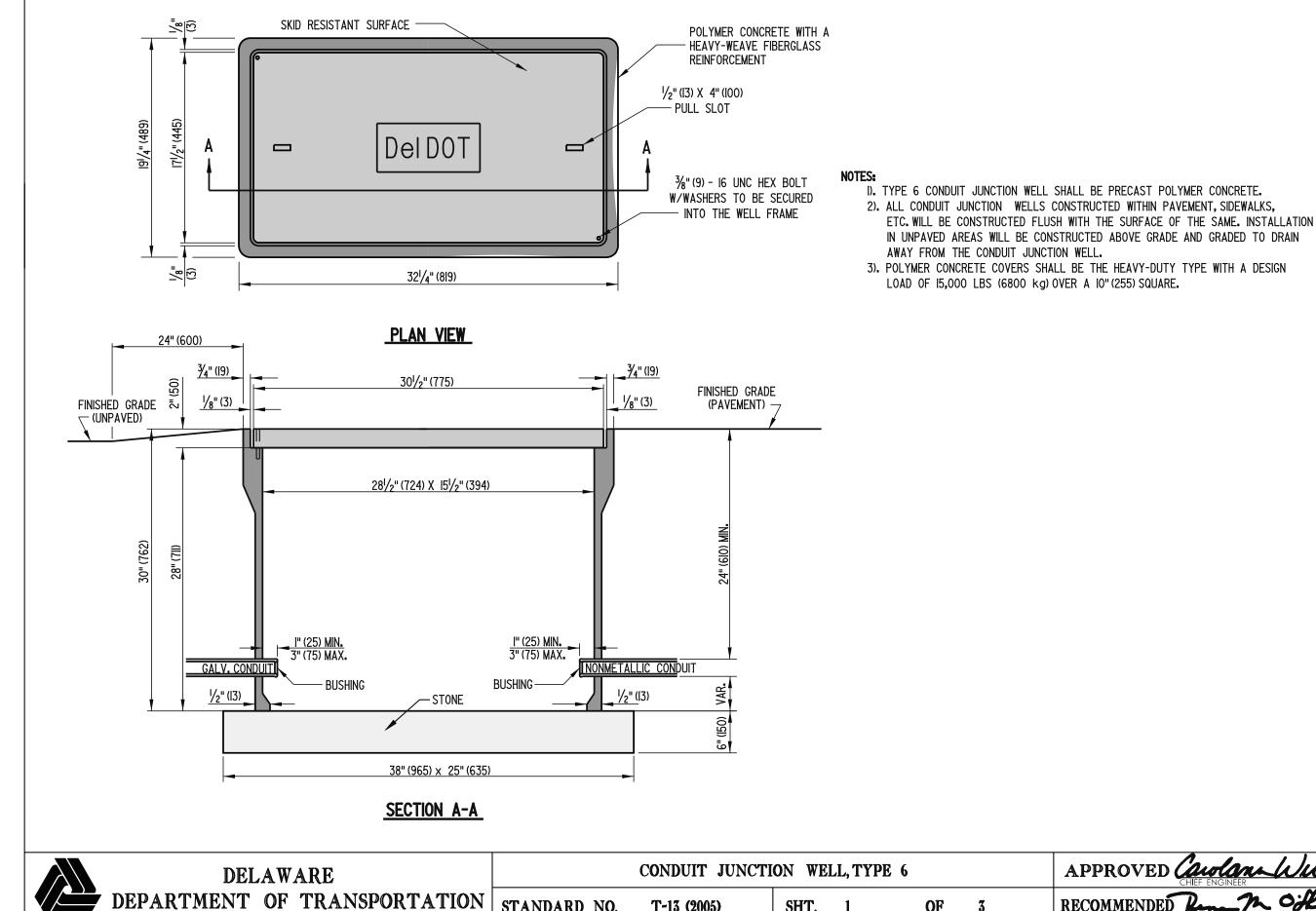
 APPROVED
 Caudana With
 12/5/05

 CHIEF ENGINEER
 Date

 RECOMMENDED
 Liston

 Date
 Date

09/09/2005



STANDARD NO.

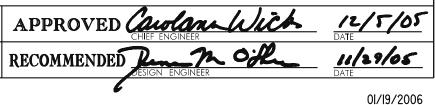
T-13 (2005)

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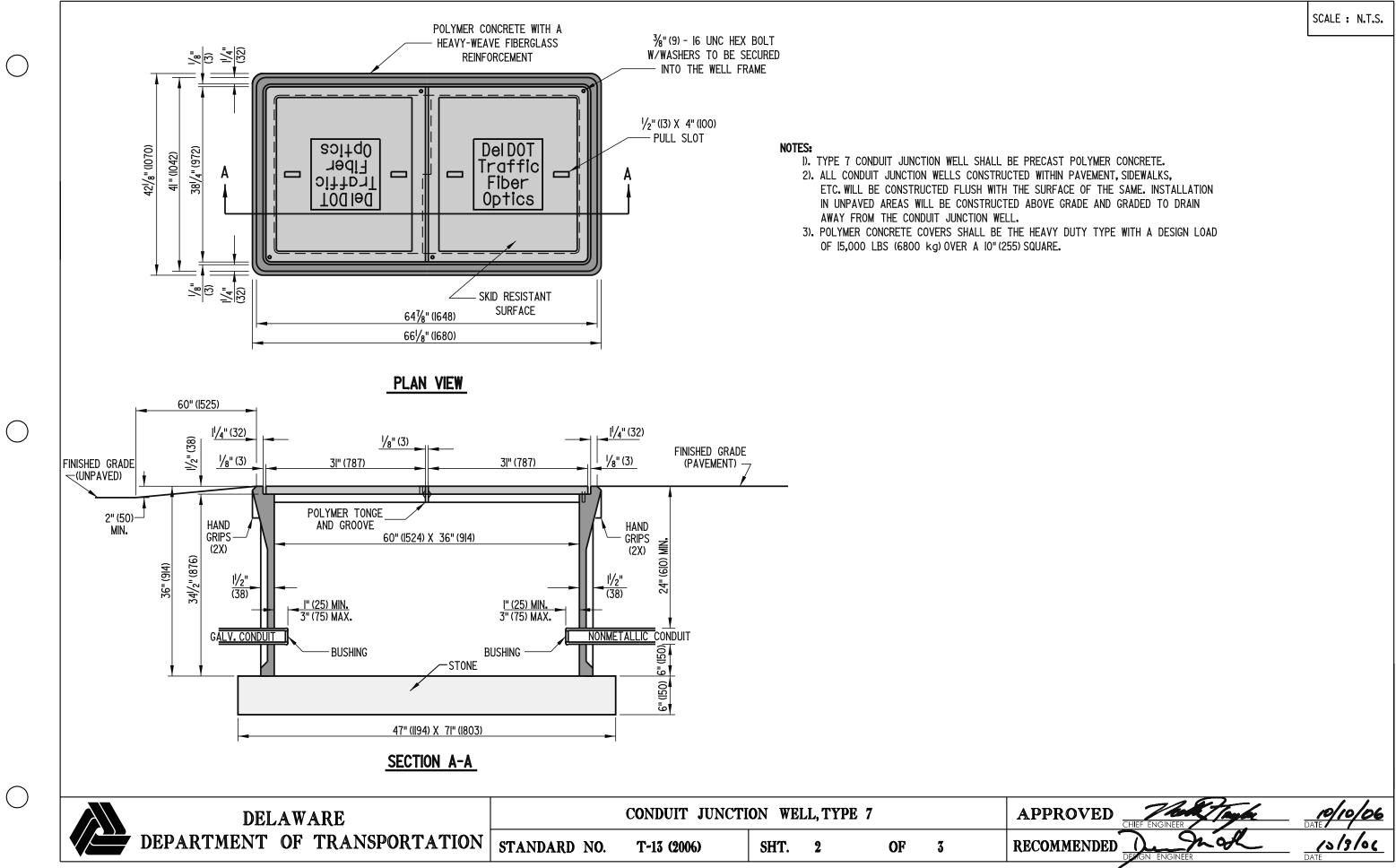
SCALE : N.T.S.

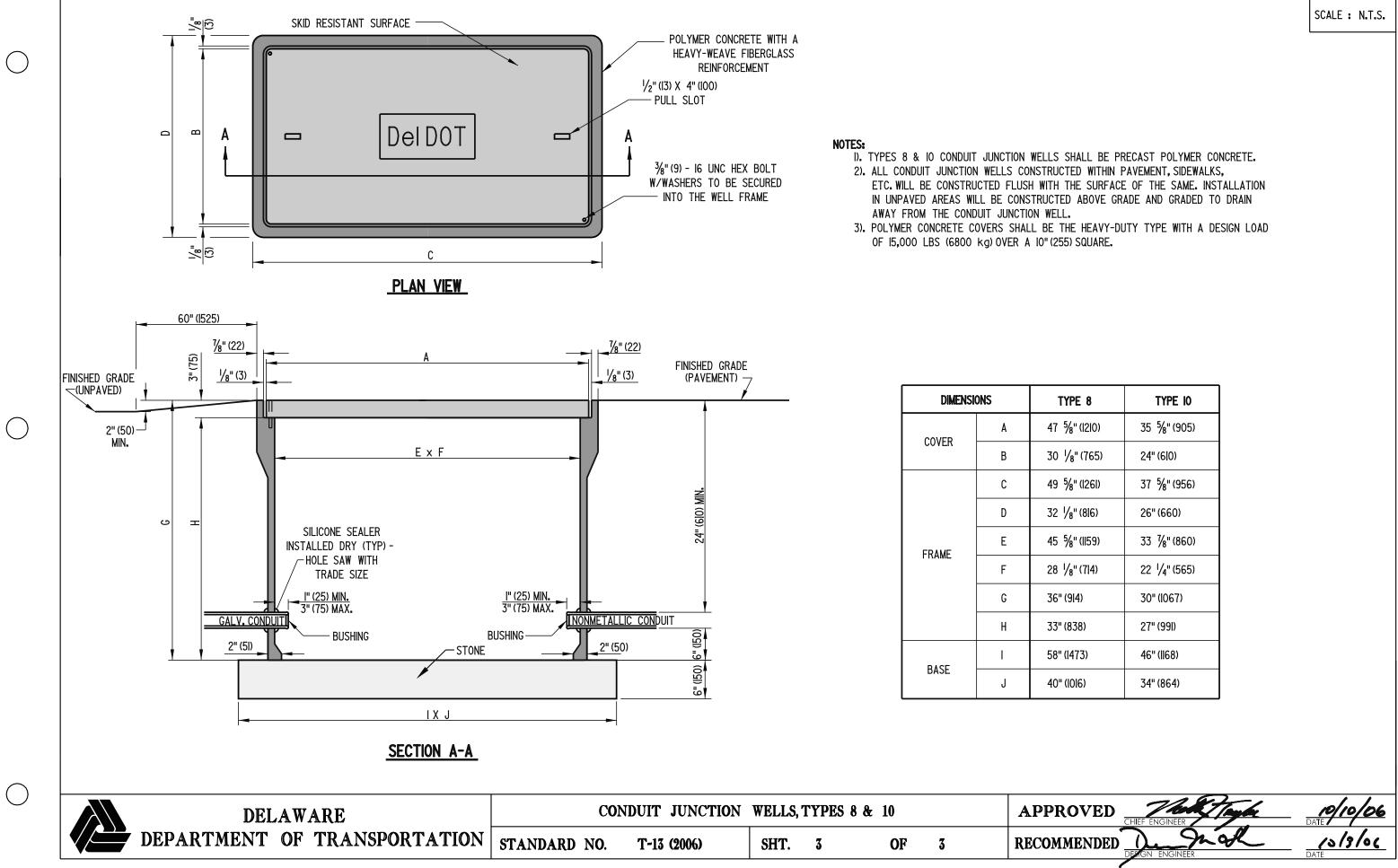


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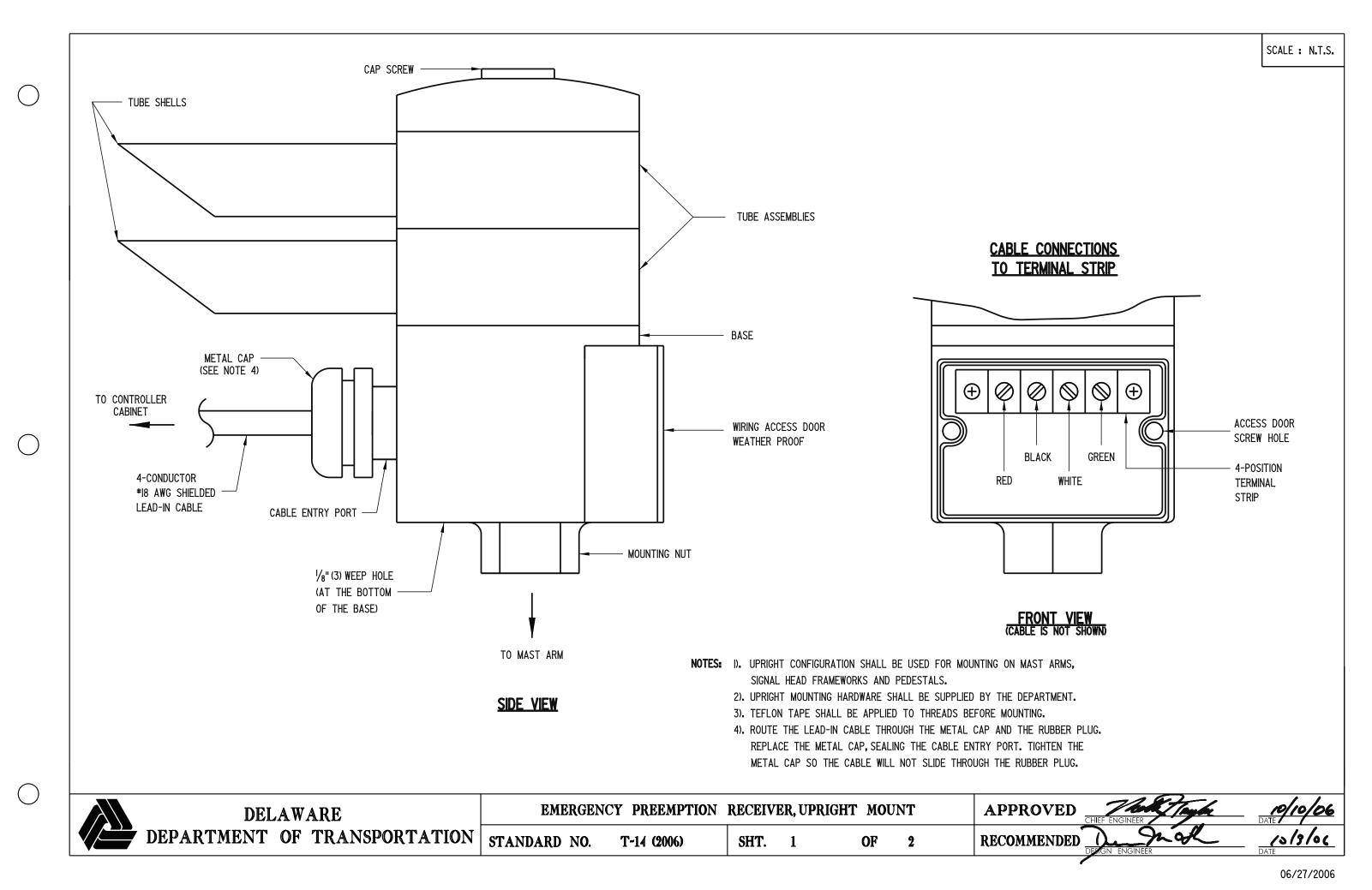
3

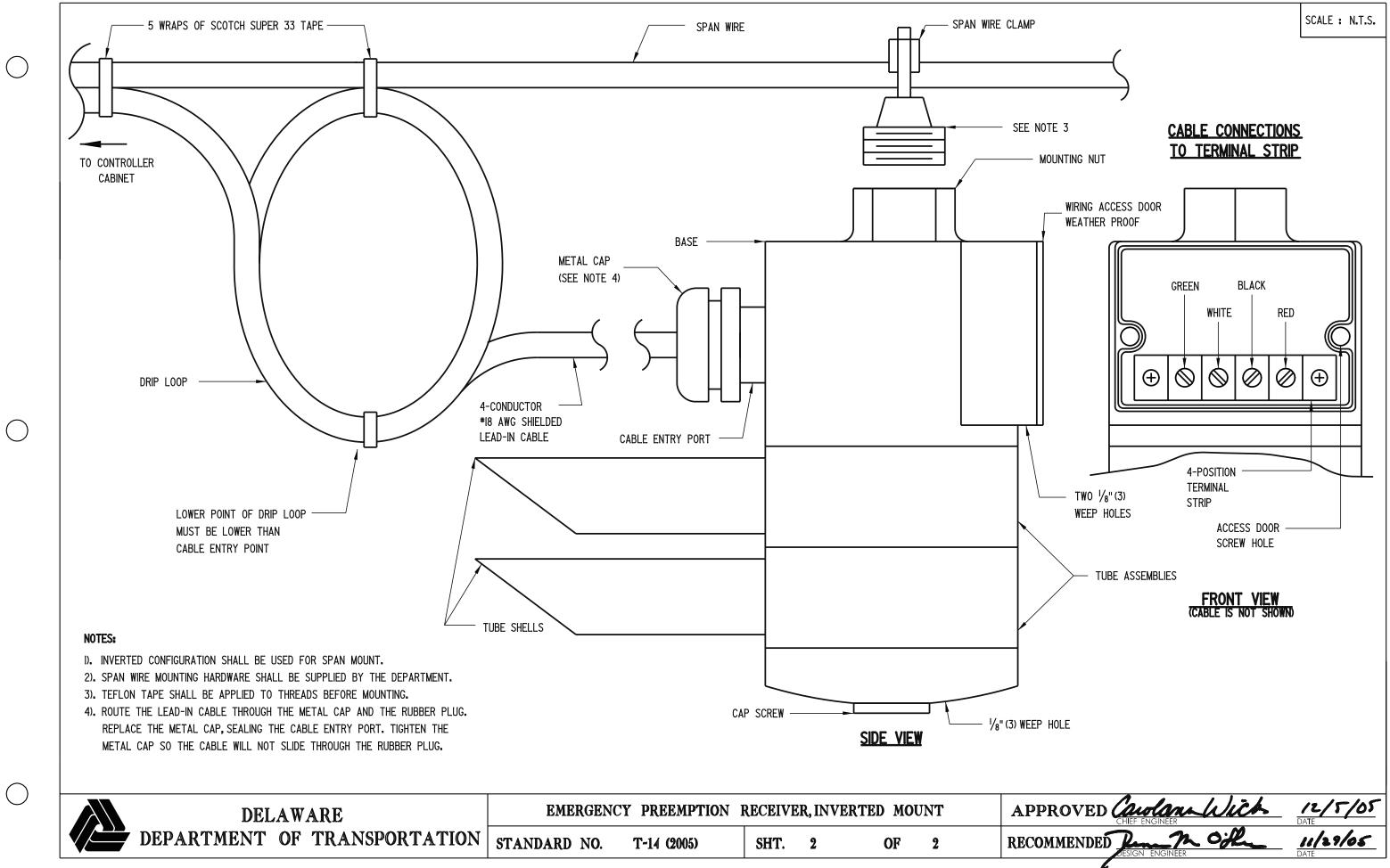
SHT. 1



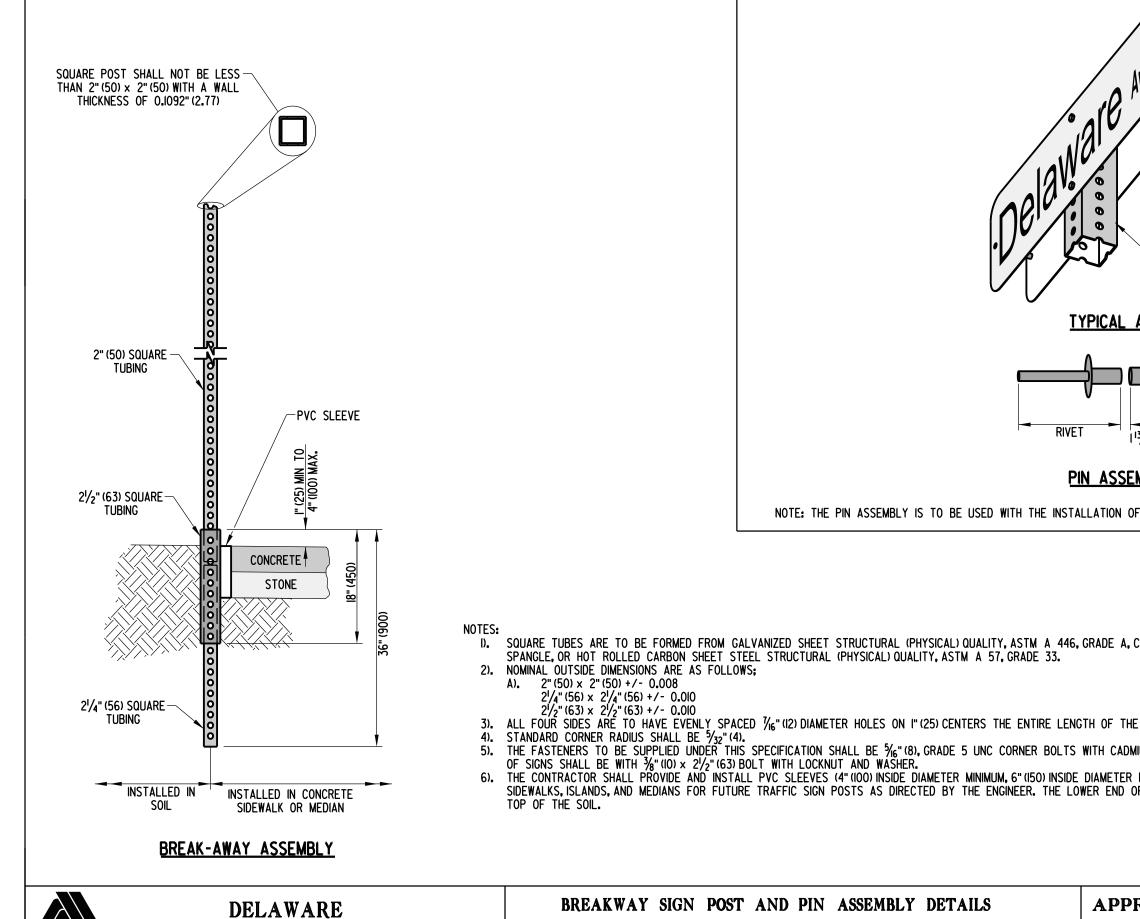


TYPE 8	TYPE 10
47 5/8" (1210)	35 5%" (905)
30 1⁄8" (765)	24" (610)
49 5/8" (1261)	37 5/8" (956)
32	26" (660)
45 5/8" (1159)	33 🎉" (860)
28	22 /4" (565)
36" (914)	30" (1067)
33" (838)	27" (991)
58" (1473)	46" (68)
40" (1016)	34" (864)





09/09/2005



DELAWARE BREAKWAY SIGN POST AND PIN ASSEMBLY DE DEPARTMENT OF TRANSPORTATION STANDARD NO. T-15 (2009) SHT. 1

OF 1 RECO

$\Lambda\Lambda$	SCALE : N.T.S.
Ave	
STREET BLADES MUST BE PINNED TOGETHER AT EACH END)
2" (50) x 2" (50) STEEL POST	
ASSEMBLY	
A	
I ¹³ / ₁₆ " (46) X ¹ / ₄ " (6) SPACER	
EMBLY	
OF BACK TO BACK STREET BLADE SIGNS WITH 6" (150) L	ETTERS.
A, COATING DESIGNATION G 90, REGULAR	
HE TUBE.	
DMIUM OR ZINC PLATING. INSTALLATION	
R MAXIMUM) IN PROPOSED CONCRETE OF THE SLEEVE SHALL BE SET ON	
PROVED SIGNATURE ON FILE	01/19/2010 DATE
DMMENDED <u>SIGNATURE ON FILE</u> DESIGN ENGINEER	01/14/2010 DATE

01/08/2010