DOLLAR GENERAL STORE

WINDY HILL ROAD KYLE, TEXAS

SEP 27 2013

GILBERT & FLORINDA DAVILA - HCAD ACCOUNT #R16748 21,392 AC., LK MILLER SURVEY (VOL. 1165 / PG. 279)

CONCIALDI FAMILY TRUST / MARK J. & STACY L. CONCIALDI (TRUSTEES) - HCAD #R103412 LOT 44, BLOCK A, INDIAN PAINTBRUSH SUBDIVISION, PHASE ONE (VOL. 10 / PGS. 369-370)

HENRY BROWN, III - HCAD ACCOUNT #R103413 LOT 45, BLOCK A, INDIAN PAINTBRUSH SUBDIVISION, PHASE ONE (VOL. 10 / PGS. 369-370)

ZACHARY LEE DEVROW - HCAD ACCOUNT #R103414 LOT 46, BLOCK A, INDIAN PAINTBRUSH SUBDIVISION, PHASE ONE (VOL. 10 / PGS. 369-370)

LOT 48, BLOCK A, INDIAN PAINTBRUSH SUBDIVISION, PHASE ONE (VOL. 10 / PGS. 369-370) CONTINENTAL HOMES OF TEXAS, LP DBA D.R. HORTON - HCAD ACCOUNT #R117413 14.96 AC., JOHN N. FRANKS SURVEY (VOL. 4436 / PG. 231)

DONALD & DOUG DACY - HCAD ACCOUNT #R12684 25,529 AC., THOMAS G. ALLEN SURVEY (VOL. 1120 / PG. 711)

ARTHURE MIKAELIAN - HCAD ACCOUNT #R103416

CITY OF KYLE

(512) 262-3024 SOUTHWEST WATER CO. (512) 219-2260 PEDERNALES ELECTRIC COOP. (830) 868-7155 ELECTRIC (866) 487-1222 PHONE

INDEX OF CIVIL SHEETS

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CITY NOTE:
ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF KYLE MUST RELY UPON THE ADEQUACY OF WORK OF THE DESIGN ENGINEER.

SCOTT NESTER / MANAGING PARTNER BUDA, TEXAS 78610 (512) 312-9662

STEVEN & REBECCA ENTERPRISES, INC. (50%) STEVEN THOMAS / MANAGING PARTNER 6603 W. COURTYARD DRIVE AUSTIN, TEXAS 78730

AUTHORIZED AGENTS:

ARCHITECT MDN ARCHITECTS 9639 McCULLOUGH SAN ANTONIO, TEXAS 78216

(512) 695-7502

(210) 340-2400

CIVIL ENGINEER & SURVEYOR DYE ENTERPRISES 4047 STAHL ROAD, SUITE 3 SAN ANTONIO, TEXAS 78217 (210) 599-4123

6322 SOVEREIGN, SUITE 137B SAN ANTONIO, TEXAS 78229 (210) 349-9336

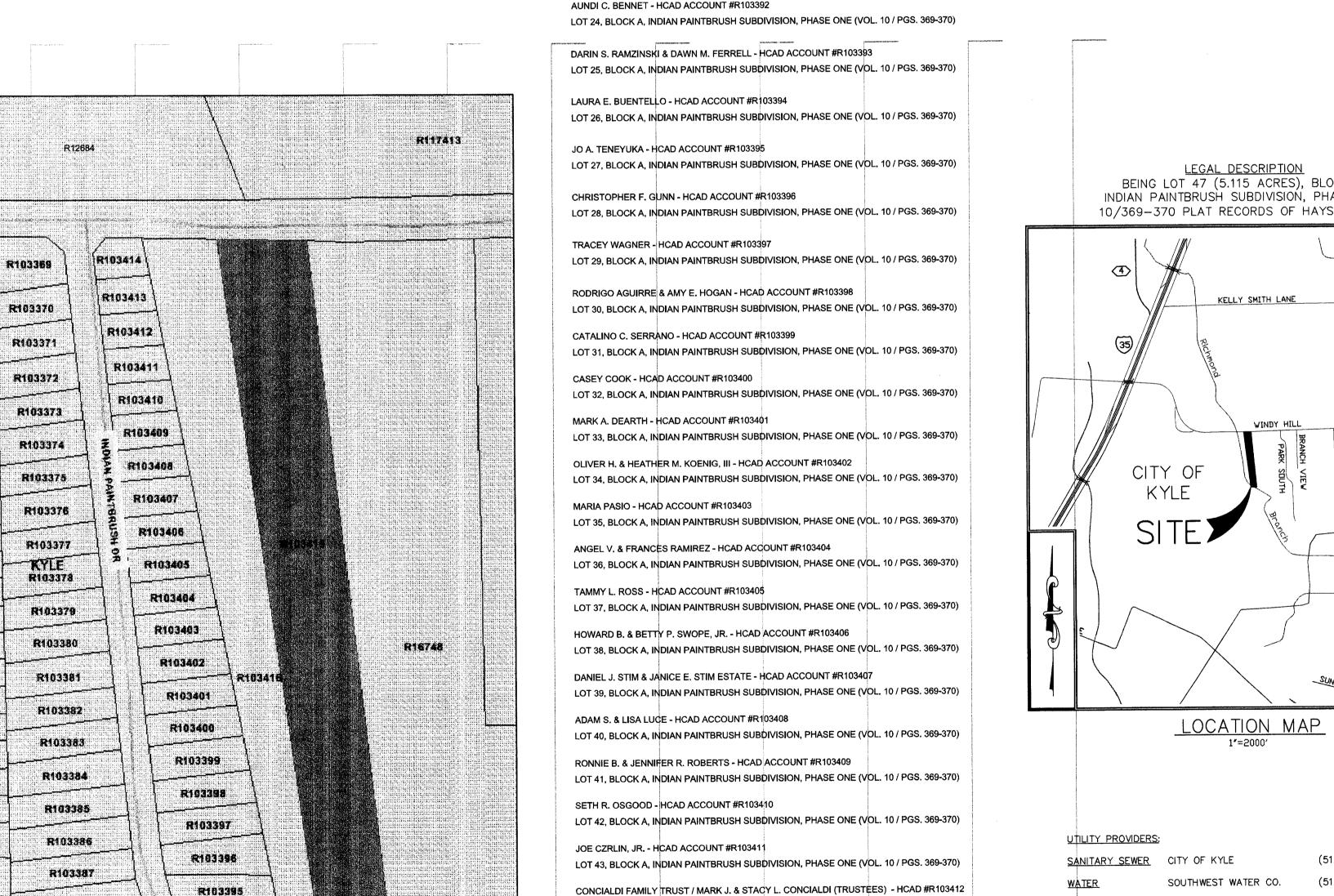
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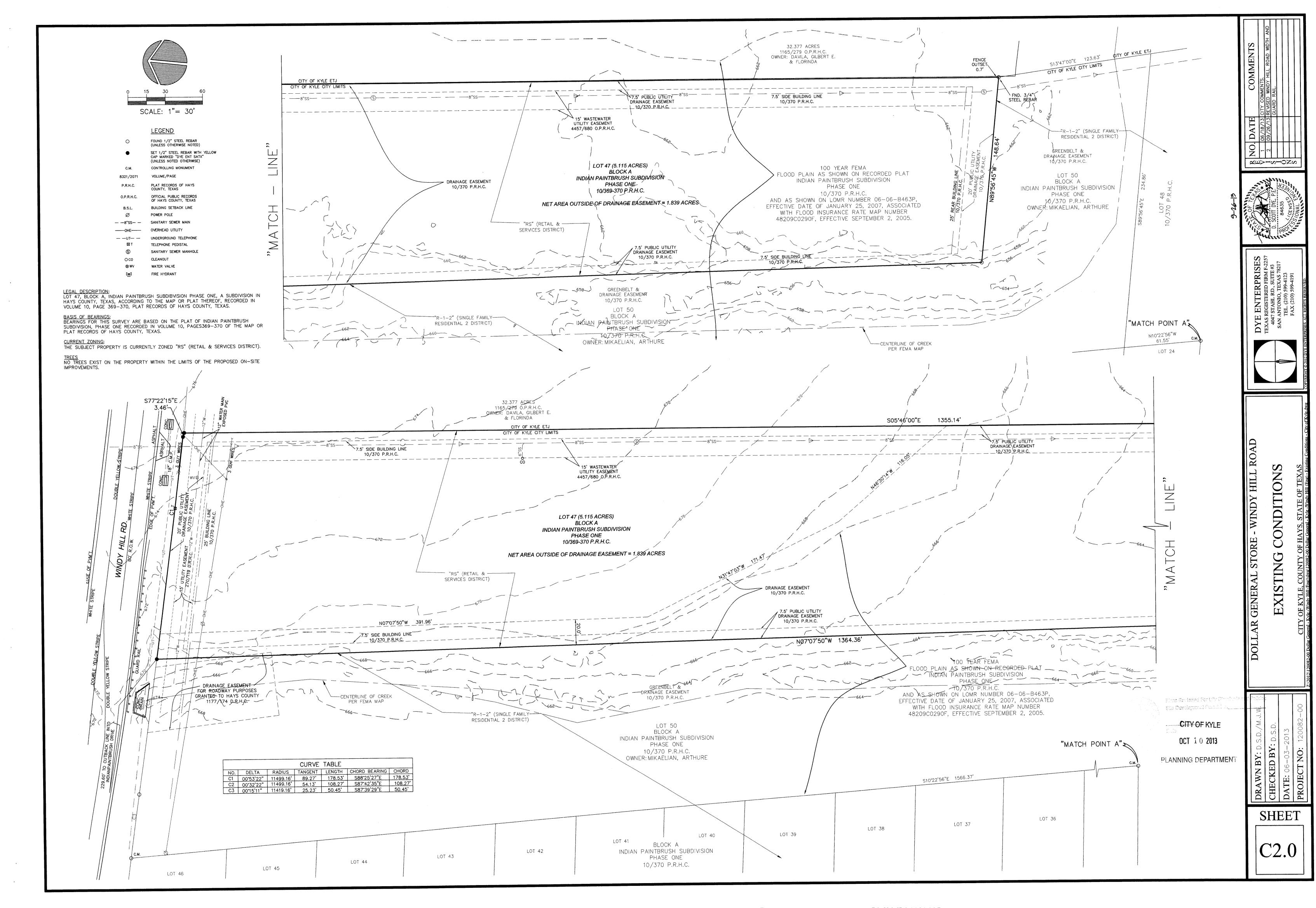
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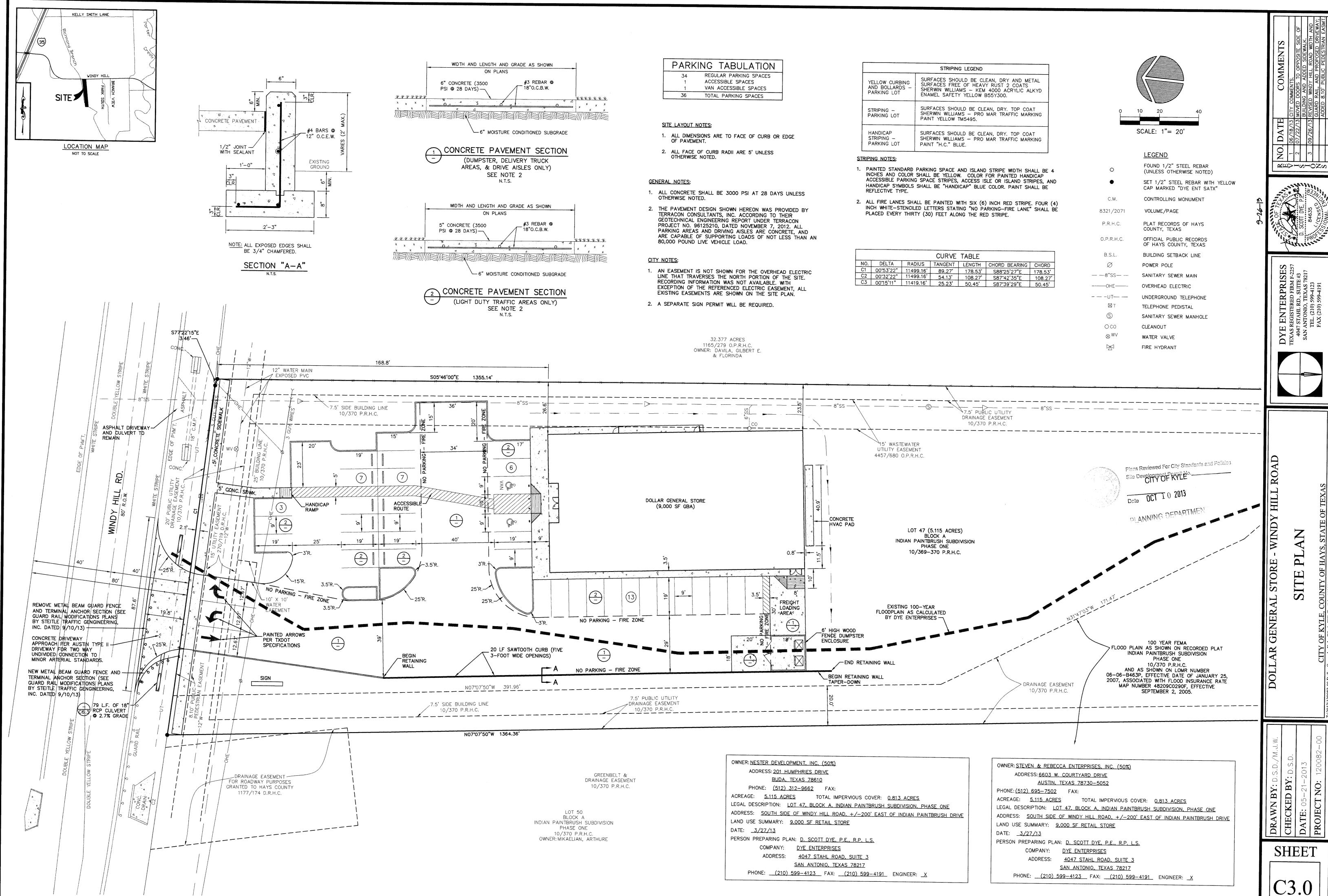
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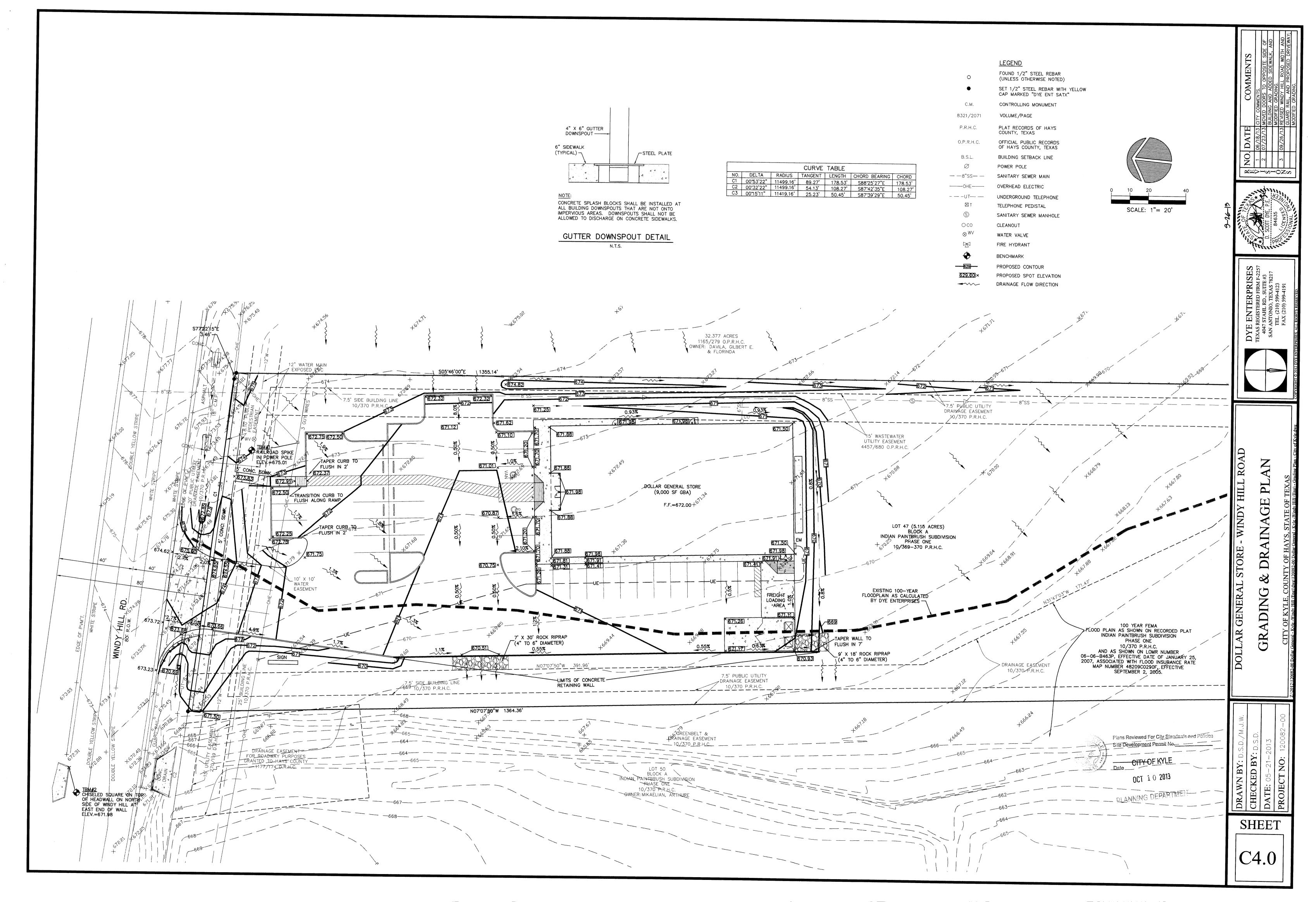
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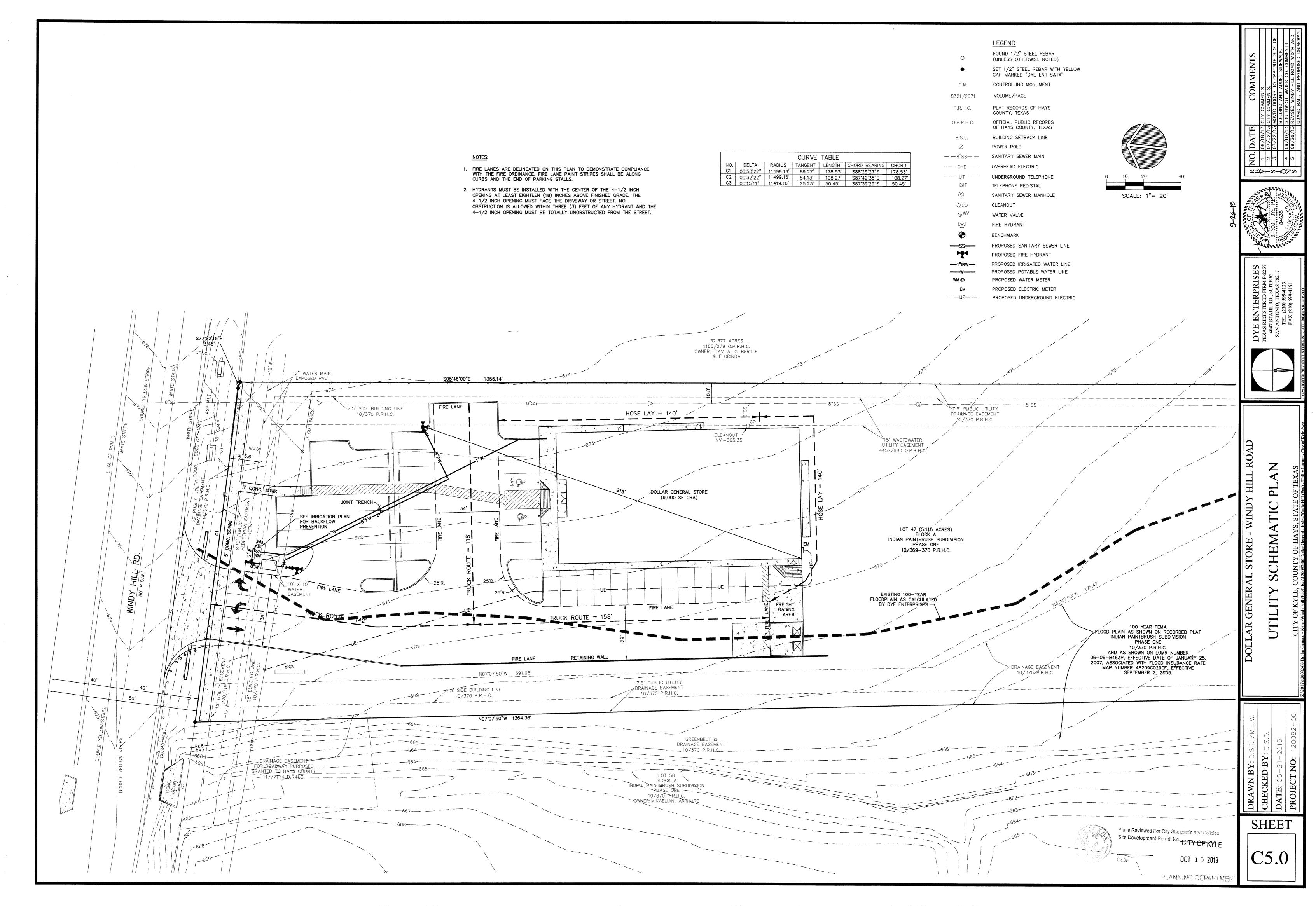


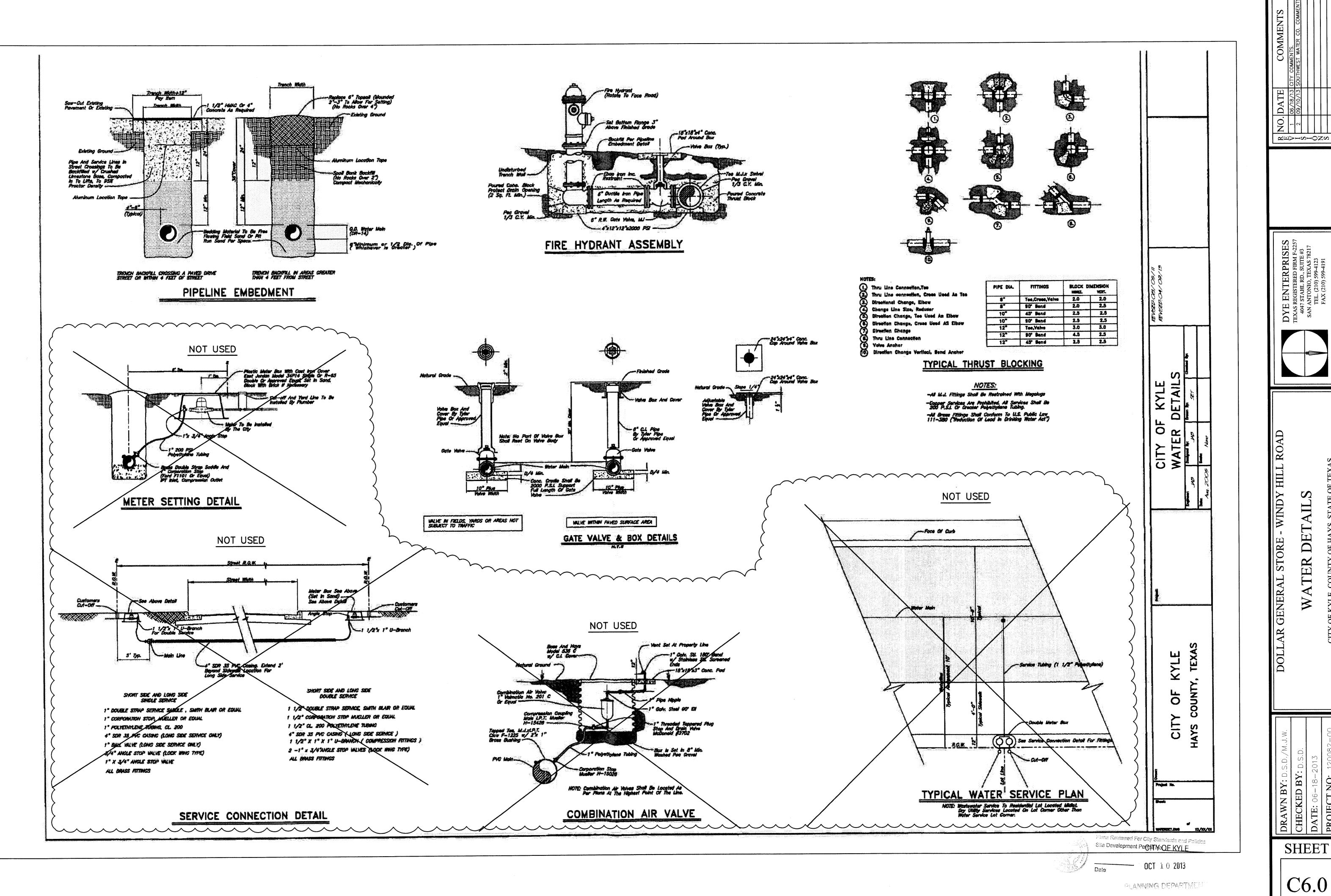


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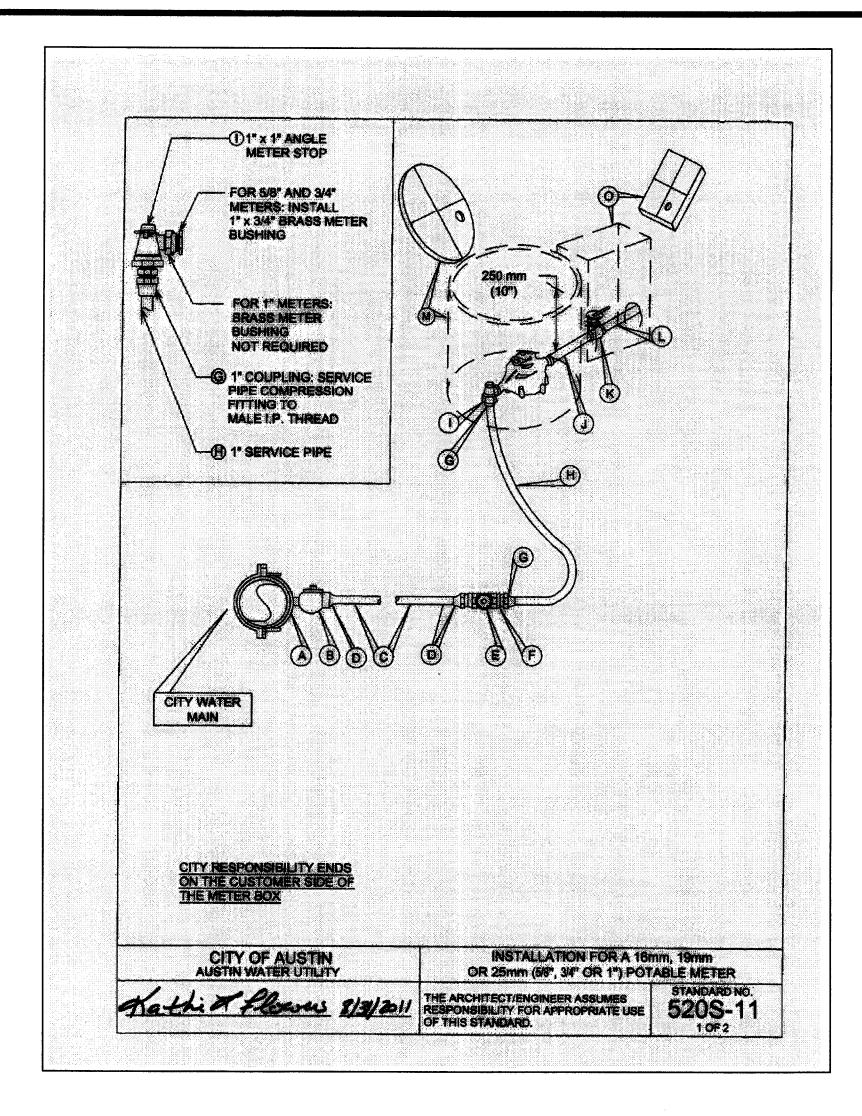


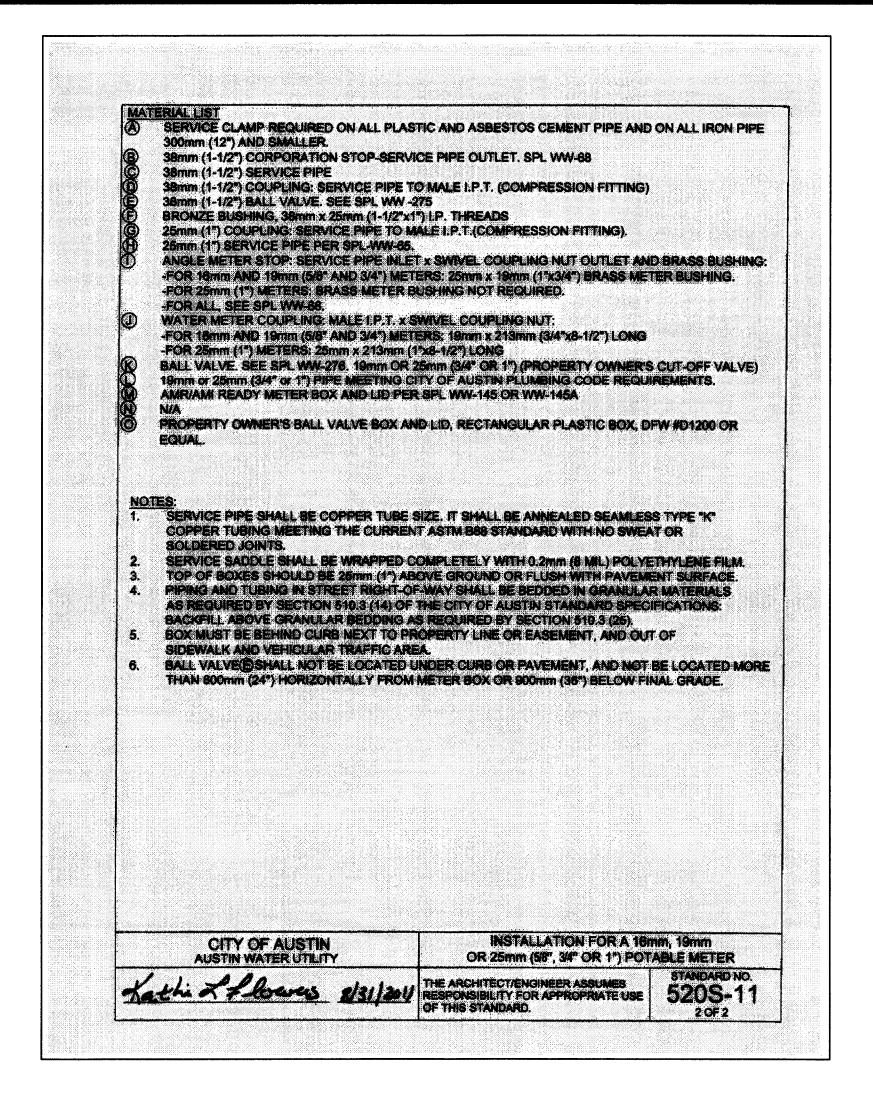
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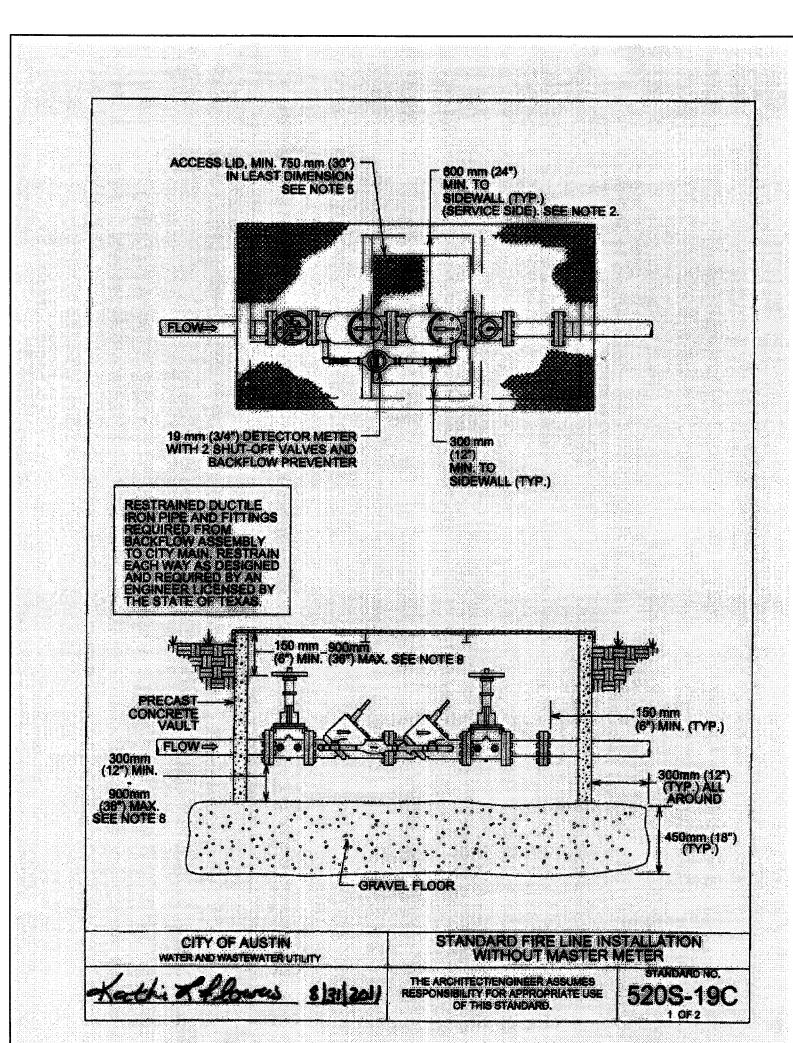
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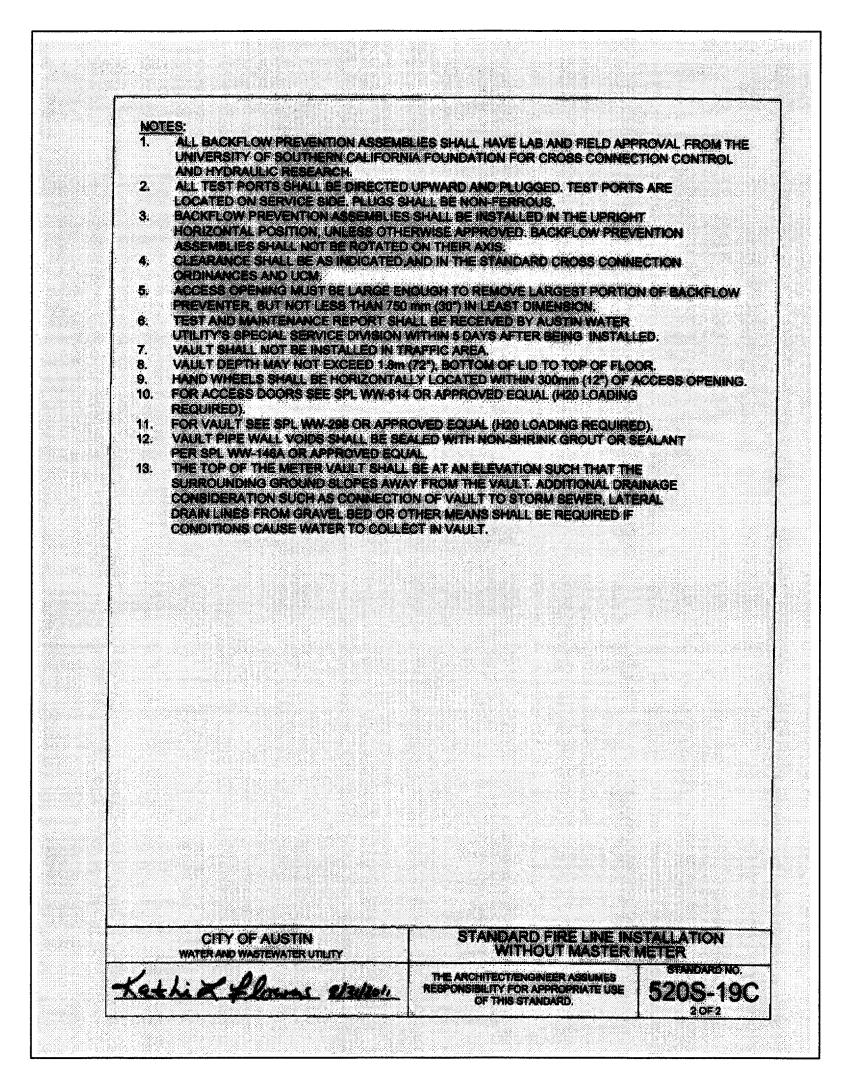
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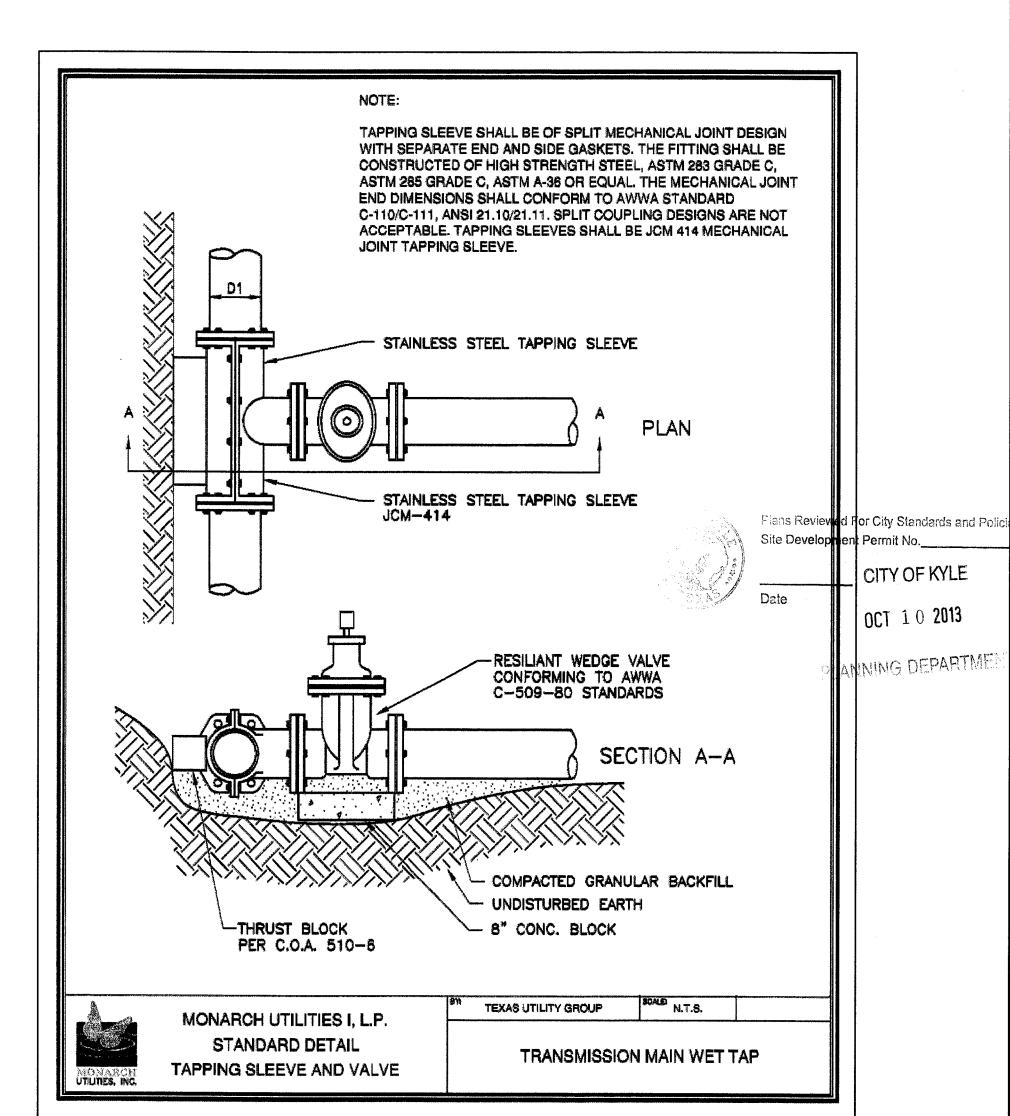
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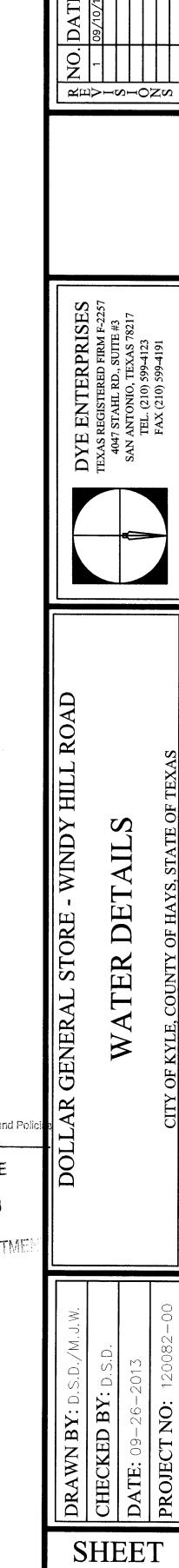


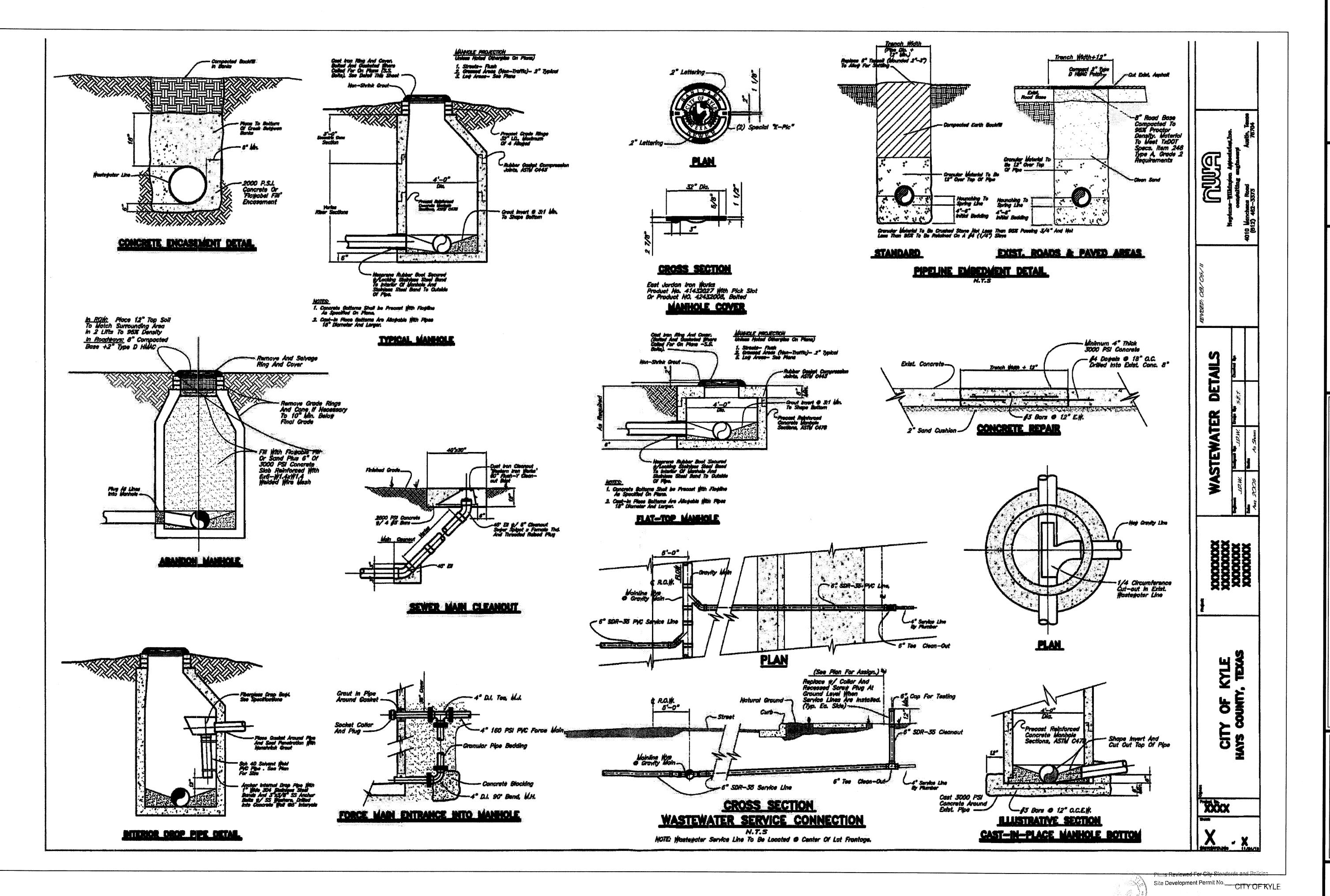












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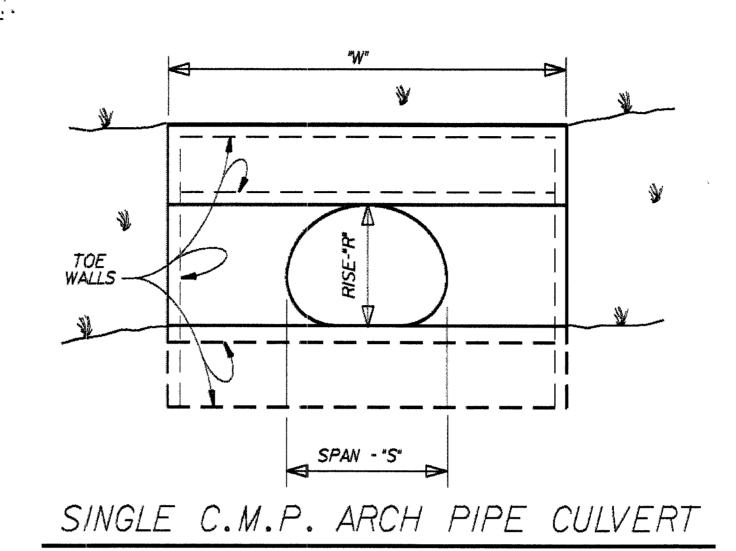
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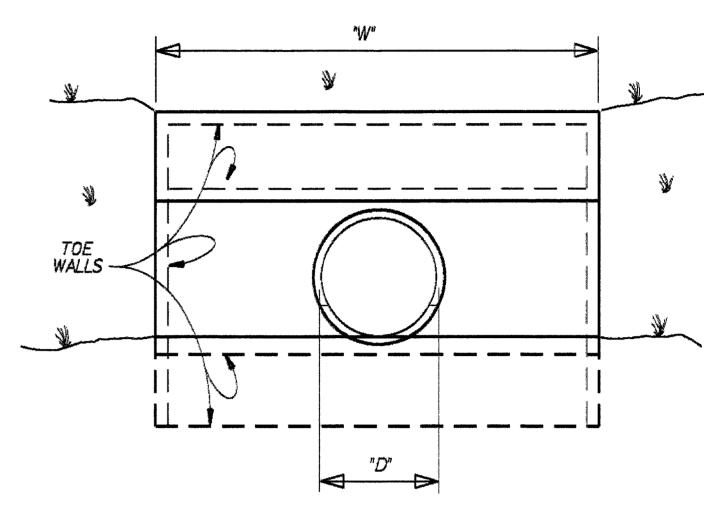
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OCT 1 0 2013

ANNING DEPARTMEN





SINGLE CIRCULAR PIPE CULVERT

(CMP or RCP)

DIMENSIONS FOR CIRCULAR (CMP and RCP) PIPE CULVERTS

"D" INSIDE	מו זו	"(3 "	SINGLE	DOUBLE	TRIPLE	QUADRUPLE	
DIA, of PIPE	<u>"L"</u>	CGM RCP		"W"				
<i>18</i> "	2'-0"	1'- 2"	0'- 9"	4'- 6"	7'- 2"	9'-10"	12'- 6"	
21"	2'-6"	<i>1′- 3</i> "	0'-10"	5'- 3"	8'- 4"	11'- 4"	13'- 4"	
24"	3'- O"	/'- 5"	0'- 11"	6'- O"	9'- 5"	12'-10"	16'- 3"	
<i>30</i> "	41'- 0"	ľ- 8"	f'- f"	7'- 6"	//- 8"	15'- 10"	20'- 0"	
36"	5'- O"	/'- //"	ľ- 3°	9'- 0"	13'-11"	18'- 10"	23'- 9"	
42"	6'-0"	2'- 2"	/'- 5"	10'- 6"	16'- 2"	21'- 10"	27'- 6"	
48"	7"- O"	2'- 5"	1'- 7"	12'-0"	18'- 5"	24'- 10"	3/- 3"	
<i>54</i> "	8'-0"	2'- 10"	1'- 11"	13'-6"	20'- 10"	28'- 2"	<i>35′- 6</i> ″	
60"	9'- 0"	3'-2"	2'- 0"	15'- O"	23'- 2"	3/- 4"	39'- 6"	

"G" IS MEASURED BETWEEN THE OUTER SURFACES OF THE PIPES.

TYPICAL BOLT ARRAY TO ANCHOR METAL PIPES. (SEE NOTE *2 BELOW) "G" SPAN - "S" R" MULTIPLE C.M.P. ARCH PIPE CULVERT

DIMENSIONS FOR C.M.P. ARCH PIPE CULVERTS

DESIGN	APPROX.				SINGLE	DOUBLE.	TRIPLE	QUADRUPLE	
SIZE	SPAN "S"	RISE "R"	"L"	"G"	"W"				
2	2/"	/5"	2'- 0"	1'- 2"	4'- 3"	7'- 2"	10'- 1"	13'-0"	
3	28"	20"	3'- O"	<i>1'- 5"</i>	5'-8"	9"- 5"	13'- 2"	16'- 11"	
4	35"	24"	4'- 0"	/'- 8"	6'- //"	11'- 6"	/6'- /"	20'- 8"	
5	42"	29"	5'- 0"	/'- //"	8'- 4"	13'- 9"	19'- 2"	24'- 7"	
6	49"	33"	6'- O"	2'- 2"	9'- 7"	15'-10"	22'-1"	28'- 4"	
7	.57*	<i>38</i> "	7'- 0"	2'- 5"	//'- /*	18'- 3"	25'- 5"	32'-7"	
8	64"	43"	8'- O"	2'- 10"	12'- 5"	20'- 8"	28'- 10"	37'- O"	
9	7/"	47"	9'- 0"	3'-2"	13'- 9"	22'- 10"	3/- //*	4/'- 0"	

BASED ON 2-2/3" X 1/2" CORRUGATION "G" IS MEASURED BETWEEN THE OUTER SURFACES OF THE PIPES.

- NOTES:

 1.) FOR RIPRAP QUANTITIES AND SLOPES, SEE CULVERT LAYOUT SHEET.

 1.1 FOR RIPRAP QUANTITIES AND SLOPES, SEE CULVERT LAYOUT SHEET. PLANS.
 - 2.) ALL METAL PIPES (CIRCULAR AND/OR ARCH) SHALL HAVE 5/8" X 6" GALVANIZED BOLT'S WITH 2 HEX NUTS AT 24" CENTERS TO ANCHOR THE PIPE TO THE CONCRETE. THIS WORK WILL BE SUBSIDIARY TO THE RIPRAP HEADWALL.
 - 3.) FOR CONCRETE ARCH PIPES, THE CMP ARCH PIPE CULVERT DIMENSIONS WILL HAVE TO BE ADJUSTED FOR THE PIPE WALL THICKNESS.
 - 4.) FOR PIPES LARGER THAN SHOWN, USE THE CLEAR DISTANCE BETWEEN PIPES SHOWN IN ITEMS 460 AND/OR 464.
 - 5.) IF THE SIDES OF THE HEADWALL IS ADJACENT TO A RIPRAP SLOPE AND IF THE TOP OF THE HEADWALL IS ADJACENT TO THE ROADWAY FOUNDATION OR RIPRAP SLOPE, THE SIDE AND TOP TOE WALLS MAY BE ELIMINATED IF APPROVED BY THE ENGINEER.

MULTIPLE CIRCULAR PIPE CULVERT

(CMP or RCP)

SAN ANTONIO DISTRICT STANDARD RIPRAP HEADWALL

	© 1998 Texas Department of Transportation								
	FED.RD. DN.NO.	PAO.	SHEET NO.						
	6								
	STATE	DISTRICT	COUNTY	p					
	TEXAS	SAT							
	CONT.	SECT.	JOB	HIGHWAY	NO.				
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Plans Reviewed For City Standards and Policie

OCT 1 0 2013

ANNING DEPARTMEN

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