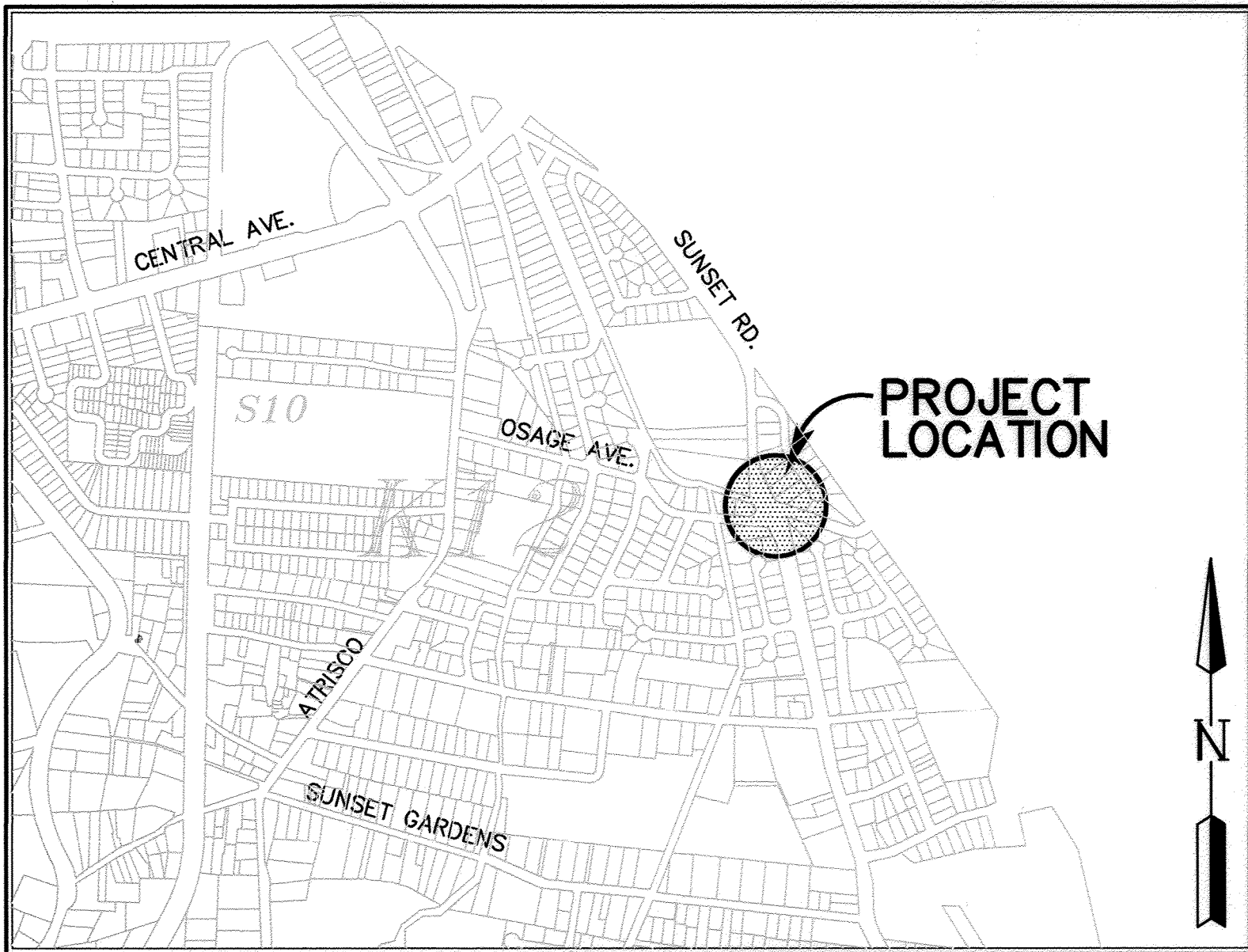


CITY OF ALBUQUERQUE
NEW MEXICO
RECORD DRAWINGS
~~CONSTRUCTION PLANS~~
FOR
SUNSET RD/OSAGE AVE
INTERSECTION PROJECT

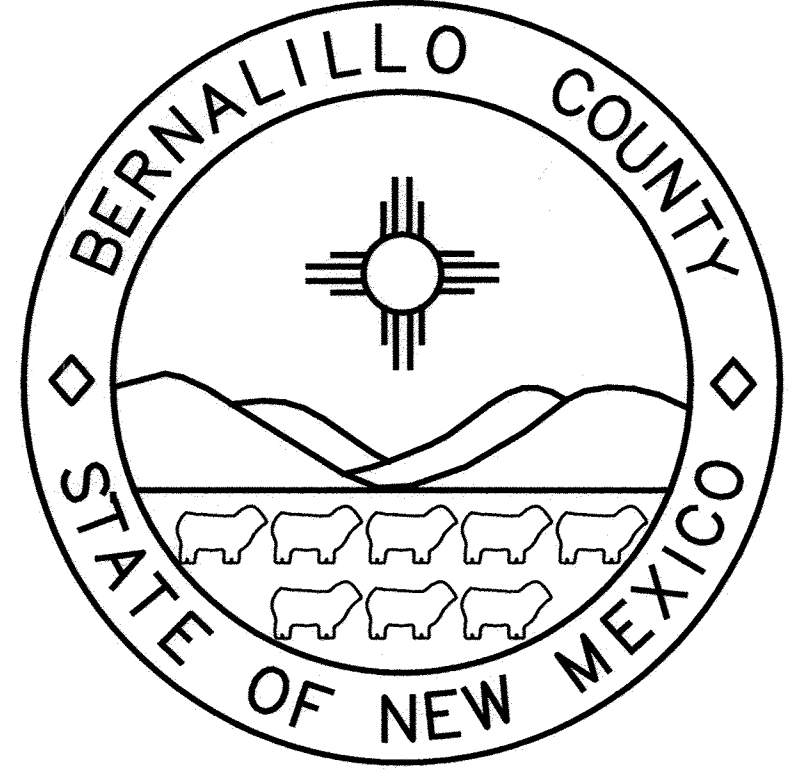


VICINITY MAP
ZONE ATLAS MAP: K12

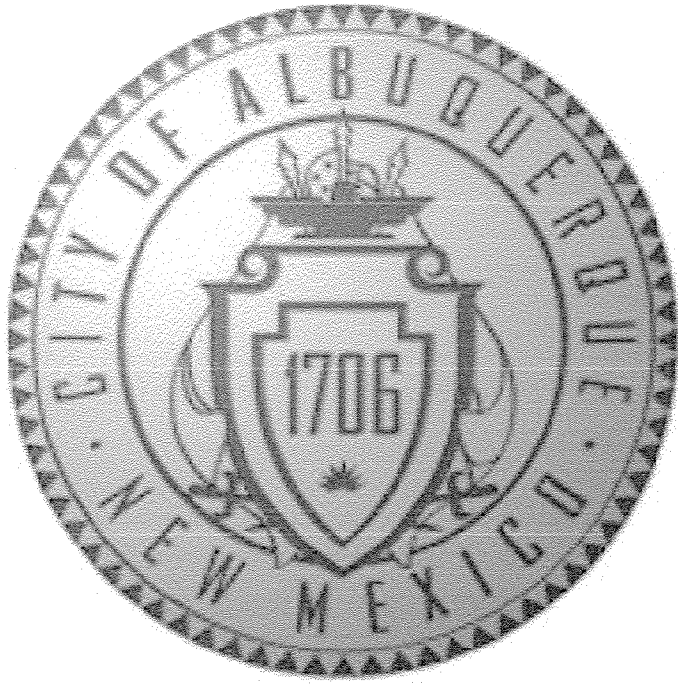
BERNALILLO COUNTY PUBLIC WORKS NO. TS.2011.OSAGES
CITY OF ABUQUERQUE PROJECT NO. 7877.82

AUGUST 2011

BERNALILLO
COUNTY
PUBLIC WORKS



STATE
OF
NEW MEXICO

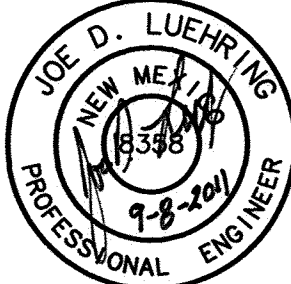


APPROVED AS RECORD DRAWINGS
DESIGN REVIEWED BY
CITY CONSTRUCTION ENGINEER
[Signature]
DATE: 8-9-2013
County only - No alteration by City
on changes

RECORD DRAWING
As a representative for Bernalillo County Public Works Division and a Registered Professional Engineer in the State of New Mexico, I do hereby certify that this "as-built" information was obtained by me or under my supervision. To the best of my knowledge and belief the "as-built" conditions of this project are true and correct. All vertical and horizontal dimensions should be field verified prior to use on future projects.
[Signature] 4-24-2013
Registered Engineer for Bernalillo County Date

INDEX

SHEET	DESCRIPTION
C1	COVER SHEET
C2	LEGEND, ABBREVIATIONS, GENERAL NOTES
C3	EXISTING TOPOGRAPHIC SURVEY
C4	ROADWAY AND PAVEMENT SECTIONS
C5	REMOVALS
C6	INTERSECTION LAYOUT
C7	POINT, LINE AND CURVE TABLES
C8	GRADING PLAN
C9	PEDESTRIAN RAMP DETAILS
C10A	STORM DRAIN PLAN AND PROFILE AND DETAILS
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C12	PERMANENT PAVEMENT MARKING DETAILS
C13	PERMANENT SIGNING
C14	PERMANENT SIGN FACE DETAILS
C15	DETOUR PLAN

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER		DATE	APPROVED FOR CONSTRUCTION	
		DRC Chairman	<i>J Woodall</i>		9/21/11	 CITY ENGINEER DATE	
		Transportation	<i>Charles A. Thompson</i>		9/20/11		
		Water/Wastewater	<i>C. Smith</i>		9-21-11		
		Hydrology	<i>HC</i>		9/20/11		
		Parks					
		Const. Coord.					
		Record Drawing					
PROJECT ENGINEER		CITY PROJECT NO. 7877.82 COUNTY PROJECT NO. TS.2011.OSAGES		SHEET C1 OF 15			

LEGEND

	EXISTING	NEW
Pavement — Edge		
Fence		
Underground Telephone		
Qwest Line		
Overhead Electric Line		
Gas Line		
Water Line		
Water Valve		
Fire Hydrant		
Water Meter		
Sanitary Sewer Line		
Sanitary Sewer Manhole		
Contour		
Curb and Gutter		
Qwest Pedestal		
Telecom Pedestal		
Tree		
Mail box		
Traffic sign		
Horse Step Over		
Light pole		
Power pole		
Striping		
AGIS Parcel (Property Line)		
Type D Inlet		
Storm Drain		
Infiltrator/Recharger		

ABBREVIATIONS

ABCWUA	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY	LF	LINEAR FEET
AHD	AHEAD	MIN	MINIMUM
AMAFCA	ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY	MRGCD	MIDDLE RIO GRANDE CONSERVANCY DISTRICT
ARV	AIR RELEASE VALVE	N	NORTHING
BK	BACK	NA	NOT APPLICABLE
BOP	BEGINNING OF PROJECT	NO	NUMBER
C, CL	CENTERLINE	NIC	NOT IN CONTRACT
C&G	CURB AND GUTTER	NMDOT	NEW MEXICO DEPARTMENT OF TRANSPORTATION
CBC	CONCRETE BOX CULVERT	PE	PLAIN END
CCP	CONCRETE CYLINDER PIPE	POC	POINT OF CONNECTION
CI	CAST IRON	PC	POINT OF CURVATURE
CMP	CORRUGATED METAL PIPE	PI	POINT OF INTERSECTION
COA	CITY OF ALBUQUERQUE	PT	POINT OF TANGENCY
CP	CATHODIC PROTECTION	PR	PRIVATE ROAD
CU YD	CUBIC YARD	PRV	PRESSURE REDUCTION VALVE
DEFL	DEFLECTION	REM	REMOVE
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DMD	DEPARTMENT OF MUNICIPAL DEVELOPMENT	ROW	RIGHT-OF-WAY
EG	EXISTING GROUND	SAS	SANITARY SEWER
E	EASTING	SD	STORM DRAIN
ELEV, EL	ELEVATION	SF	SQUARE FEET
EMS	ELECTRONIC MARKER SHPERE	ST	STEEL
EOA	EDGE OF ASPHALT	STA	STATION
EOP	EDGE OF PAVEMENT	STD	STANDARD
EX, EXIST	EXISTING	SY	SQUARE YARD
F, FL	FLOWLINE	SYE	SIDE YARD EASEMENT
FLG	FLANGE	TP	TOP OF PIPE
FM	FORCE MAIN	TYP	TYPICAL
FO	FIBER OPTIC	UNK	UNKNOWN
G	GAS	VAC	VACUUM
HDD	HORIZONTAL DIRECTIONAL DRILLING	VERT	VERTICAL
HGL	HYDRAULIC GRADE LINE	W	WATER
HORIZ	HORIZONTAL	WL	WATERLINE
IP	IRON PIPE	WM	WATER METER
INV	INVERT	WUA	WATER UTILITY AUTHORITY

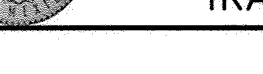
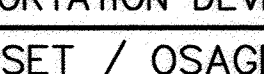
GENERAL NOTES

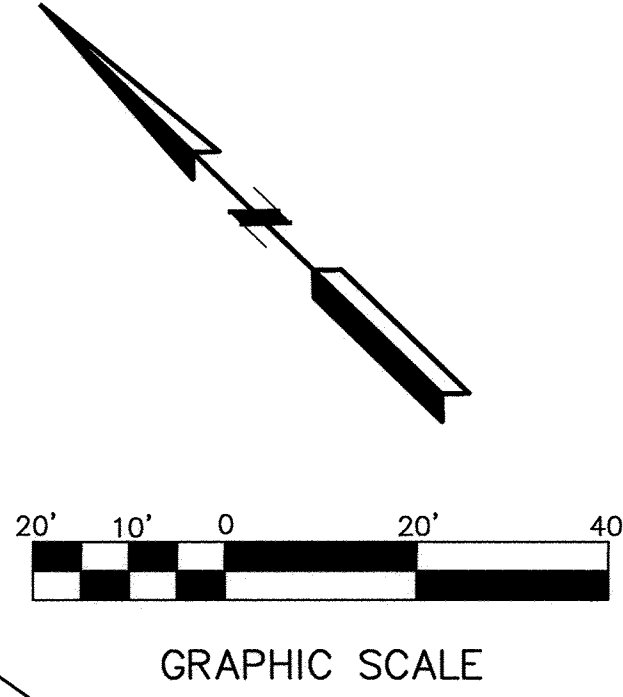
- 1 ALL WORK DONE TO THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8, AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
- 2 ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 3 CONTRACTOR AGREES THE HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- 4 SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO DMD, CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE DMD, CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS.
- 5 CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND COUNTY.
- 6 FOR WATER VALVE ADJUSTMENTS, ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION OF THE CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8.
- 7 CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
- 8 PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 9 THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES.
- 10 WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAW CUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.

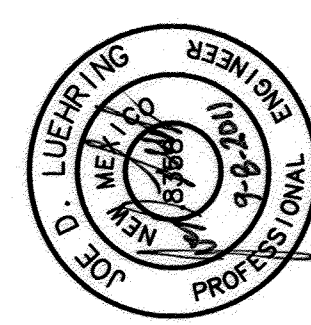
CONTACTS

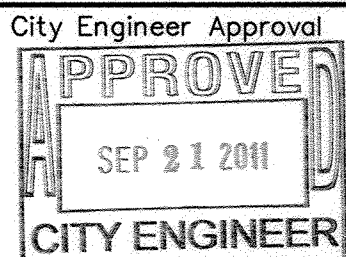
BERNALILLO COUNTY PUBLIC WORKS 2400 BROADWAY S.E. ALBUQUERQUE, NM 87102	JOE LUEHRING, P.E.	OFFICE: (505) 848-1526 JLUEHRING@BERNCO.GOV
	NOLAN BENNETT, P.E.	OFFICE: 848-1534 NBENNETT@BERNCO.GOV FAX: (505) 848-1510
AMAFCA 2600 PROSPECT AVE. N.E. ALBUQUERQUE, NM 87107	JERRY LOVATO, P.E.	OFFICE: (505) 884-2215 FAX: (505) 884-0214 JLOVATO@AMAFCA.ORG
MIDDLE RIO GRANDE CONSERVANCY DSITRICT 1931 SECOND ST. SW. ALBUQUERQUE, NM 87102	RAY GOMEZ, P.E.	OFFICE: (505) 247-0234 FAX: (505) 243-7308 RAY@MRGCD.US
CITY OF ALBUQUERQUE CITY SURVEYOR P.O. BOX 1293 ALBUQUERQUE, NM 87103	GLEN HAIKIN, L.S	OFFICE: (505) 768-3614 FAX: (505) 768-2502
ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY WATER SYSTEMS P.O. BOX 1293 ALBUQUERQUE, NM 87103	ANTHONY MONTOYA JR., P.E.	OFFICE: (505) 768-2713 FAX: (505) 768-3629 ALMONTYOYA@ABCWUA.ORG
NEW MEXICO GAS COMPANY P.O. BOX 97500 ALBUQUERQUE, NM 87199-7500	EARL HOSKINS	OFFICE: (505) 697-4140
CENTURY LINK ALBUQUERQUE, NM	BEVERLY YOUNG	OFFICE: (505) 245-5934

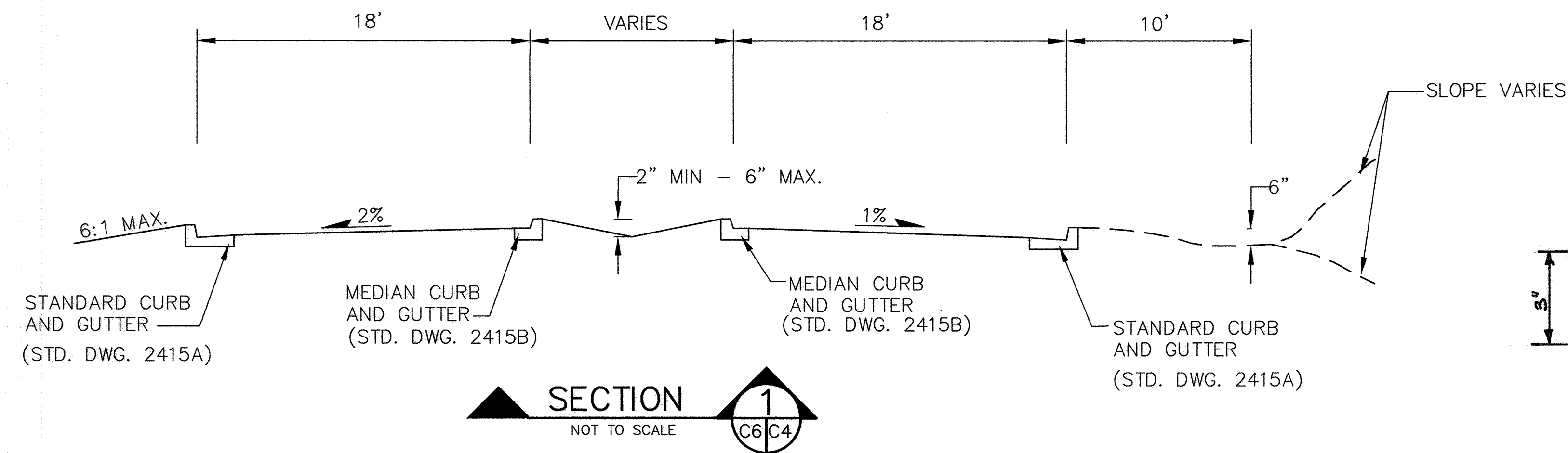
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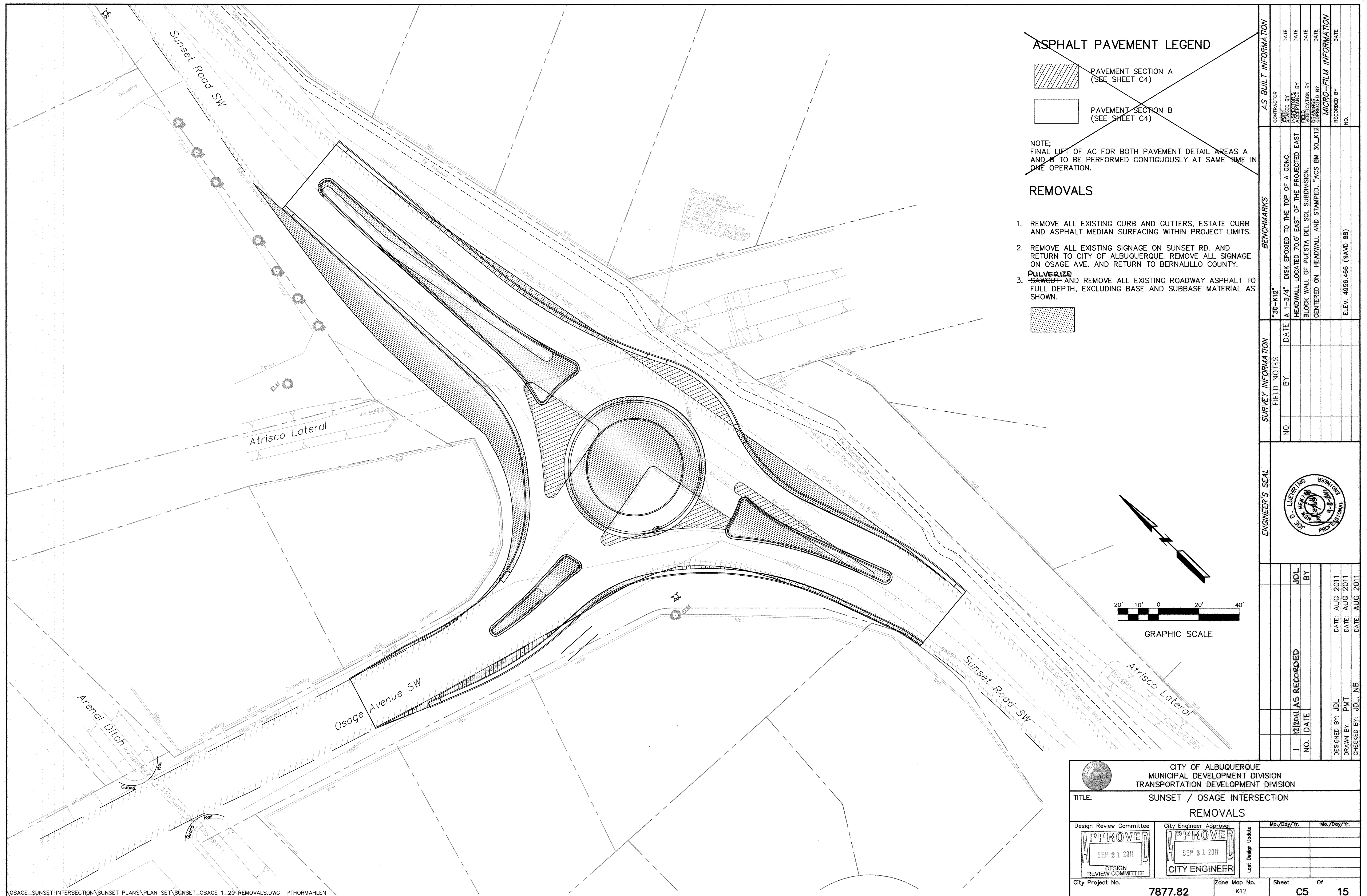
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TITLE: SUNSET / OSAGE INTERSECTION LEGEND, ABBREVIATIONS & GENERAL NOTES														
Design Review Committee 	City Engineer Approval 	Last Design Update	Mo./Day/Yr. <table border="1" style="width: 100%; height: 100px;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>						Mo./Day/Yr. <table border="1" style="width: 100%; height: 100px;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>					
City Project No.	7877.82	Zone Map No.	K12		Sheet	C2	Of	15						

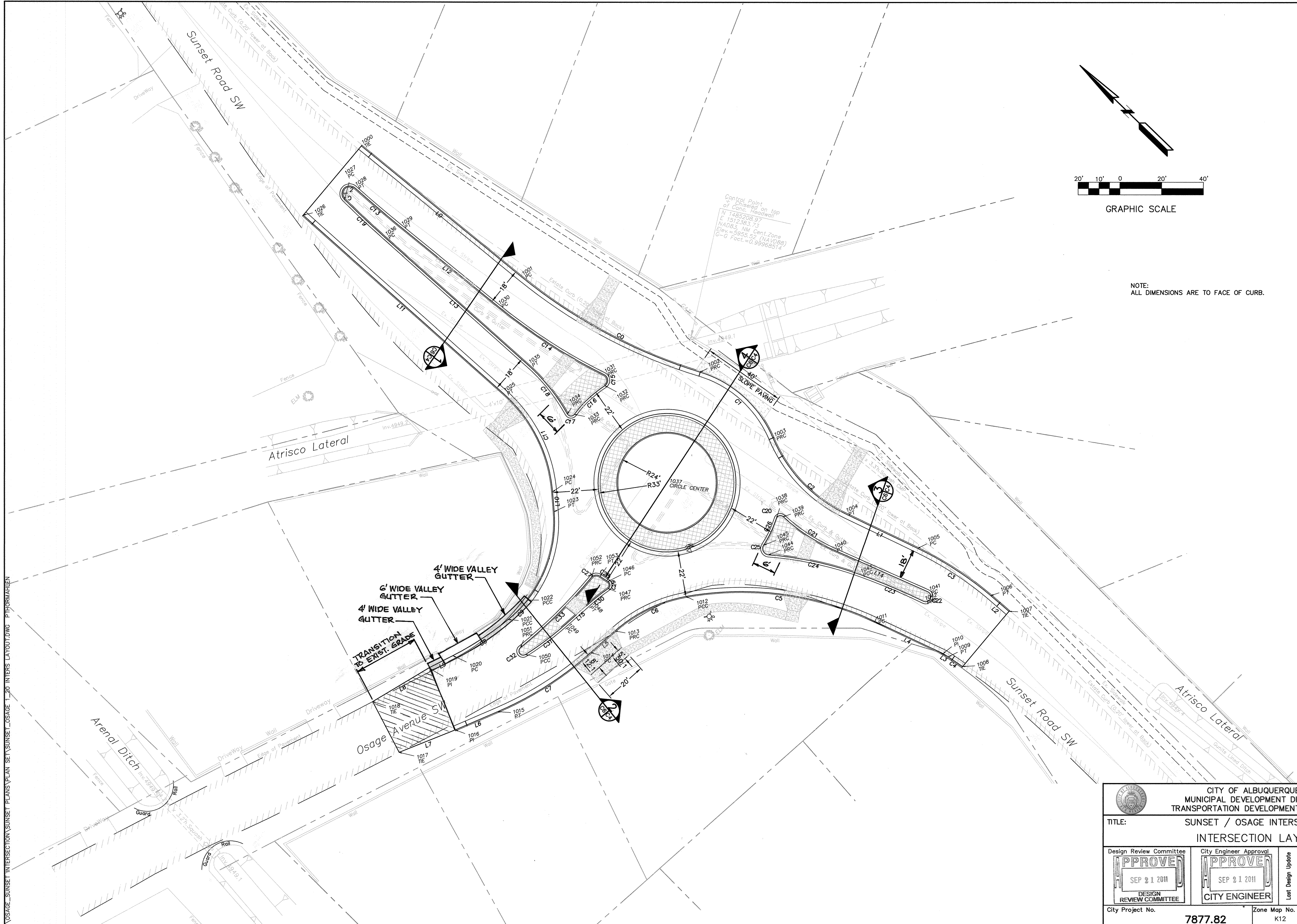


ENGINEER'S SEAL		SURVEY INFORMATION		BENCHMARKS		AS BUILT INFORMATION	
		FIELD NOTES		"30-K12"		CONTRACTOR	
		NO.	BY	DATE	NO.	WORK BY	DATE
DESIGNED BY: JDL		DATE: AUG 2011		A 1-3/4" DISK EPOXYED TO THE TOP OF A CONC. HEADWALL LOCATED 70.0' EAST OF THE PROJECTED EAST BLOCK WALL OF PUERTA DEL SOL SUBDIVISION.		INSPECTED BY	
DRAWN BY: PMT		DATE: AUG 2011		CENTERED ON HEADWALL AND STAMPED, "ACS BM 30_K12"		ACCEPTANCE BY	
CHECKED BY: JDL, NB		DATE: AUG 2011				VERIFICATION BY	
						DRAWING	
						CORRECTED BY	
						MICRO-FILM INFORMATION	
						RECORDED BY	
						DATE	
						NO.	

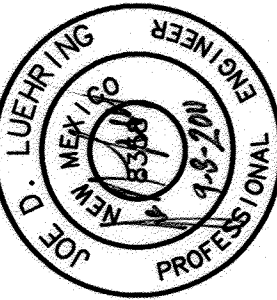
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION	
TITLE: SUNSET / OSAGE INTERSECTION EXISTING TOPOGRAPHIC SURVEY	
Design Review Committee 	City Engineer Approval 
City Project No. 7877.82	Zone Map No. K12
Sheet C3	Of 15







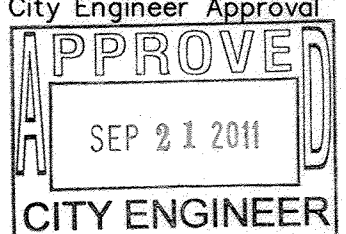
OSAGE_SUNSET_INTERSECTION\SUNSET PLANS\PLAN SET\SUNSET_OSAGE_1\20 INTERS LAYOUT.DWG PHOTODUPLICATION

ENGINEER'S SEAL		SURVEY INFORMATION		BENCHMARKS		AS BUILT INFORMATION	
		FIELD NOTES		"30-K12"		CONTRACTOR	
		NO.	BY	DATE	A 1-3/4" DISK EPOXYED TO THE TOP OF A CONC. HEADWALL LOCATED 70.0' EAST OF THE PROJECTED EAST BLOCK WALL OF PUERTA DEL SOL SUBDIVISION. CENTERED ON HEADWALL AND STAMPED, "ACS BM 30-K12"	WORKS BY	DATE
						INSPECTED BY	DATE
						VERIFICATION BY	DATE
						DESIGNED BY	DATE
						RECORDED BY	DATE
						NO.	



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DIVISION
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: SUNSET / OSAGE INTERSECTION
INTERSECTION LAYOUT

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
			
City Project No.	Zone Map No.	Sheet	Of
7877.82	K12	C6	15



LINE TABLE		
LINE	LENGTH	BEARING
L0	98.85	N17°59'05"W
L1	38.58	N31°34'22"W
L2	11.50	S16°14'07"E
L3	2.94	N25°44'47"W
L4	36.11	N31°50'43"W
L5	15.37	S81°29'41"W
L6	22.09	N80°10'55"W
L7	28.94	N78°46'56"W
L8	31.28	N87°48'22"W
L9	12.92	S83°59'46"E
L10	9.50	N28°22'46"E
L11	128.05	N15°30'59"W
L12	59.76	N17°59'05"W
L13	91.71	N15°30'59"W
L14	49.44	N33°08'24"W
L15	15.37	S81°29'41"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	TANGENT	DELTA ANGLE
C0	97.18	250.00	49.21	22°16'15"
C1	48.37	55.00	25.88	50°23'28"
C2	50.96	70.00	26.67	41°42'30"
C3	41.75	163.00	20.99	14°40'34"
C4	8.24	359.28	4.12	1°18'53"
C5	92.76	150.00	47.92	35°25'59"
C6	38.15	70.00	19.56	31°13'37"
C7	53.09	166.00	26.77	18°19'24"
C8	31.68	150.00	15.90	12°06'05"
C9	13.02	60.00	6.53	12°25'48"
C10	45.13	60.00	23.69	43°05'36"
C11	53.63	70.00	28.21	43°53'46"
C12	11.65	3.71	INFINITE	180°00'00"
C13	28.97	700.00	14.49	2°22'16"
C14	60.32	268.00	30.29	12°53'45"
C15	6.34	3.00	5.31	121°03'44"
C16	20.08	55.00	10.15	20°55'16"
C17	4.00	2.00	3.12	114°37'50"
C18	29.81	88.00	15.05	19°24'27"
C19	26.38	500.00	13.19	3°01'21"
C20	4.00	2.00	3.12	114°37'50"
C21	28.85	88.00	14.56	18°47'13"
C22	7.90	2.50	286.74	180°59'57"
C23	33.12	302.00	16.58	6°17'00"
C24	44.72	168.00	22.49	15°15'00"
C25	6.20	3.00	5.03	118°21'09"
C26	14.13	55.00	7.10	14°43'04"
C27	4.49	3.00	2.79	85°48'26"
C28	4.53	55.00	2.27	4°43'26"
C29	4.00	2.00	3.12	114°37'56"
C30	10.96	88.00	5.49	7°08'11"
C31	24.33	148.00	12.19	9°25'13"
C32	6.03	2.00	32.16	172°52'57"
C33	47.86	252.00	24.00	10°52'53"

POINT TABLE					
POINT NUMBER	EXISTING ELEVATION	PROPOSED ELEVATION	DESCRIPTION	NORTHING	EASTING
1000	4953.13	4953.13	TIE	1485371.358	1512300.861
1001	4954.43	4954.60	PC	1485277.337	1512331.383
1002	4954.61	4955.45	PRC	1485192.978	1512378.375
1003	4954.80	4955.12	PRC	1485147.758	1512390.543
1004	4954.74	4954.83	PT	1485098.789	1512399.812
1005	4954.70	4954.61	PC	1485065.916	1512420.014
1006	4954.43	4954.36	PT	1485027.948	1512437.105
1007	4954.30	4954.30	TIE	1485016.910	1512440.319
1008	4954.30	4954.30	TIE	1485006.895	1512407.352
1009	4954.39	4954.34	PT	1485014.501	1512404.172
1010	4954.41	4954.35	PI	1485017.152	1512402.894
1011	4954.39	4954.54	PC	1485047.828	1512383.841
1012	4953.83	4954.15	PCC	1485107.042	1512314.358
1013	4953.00	4953.60	PRC PT	1485111.705	1512276.967
1014	4952.86	4953.37	PC	1485109.432	1512261.768
1015	4952.49	4952.70	PT	1485110.038	1512208.910
1016	4952.60	4952.40	PI	1485113.805	1512187.139
1017	4952.47	4952.47	TIE	1485119.434	1512158.757
1018	4952.86	4952.86	TIE	1485146.599	1512161.349
1019	4952.84	4952.54	PI	1485145.402	1512192.607
1020	4952.87	4952.61	PC	1485144.051	1512205.456
1021	4952.49	4953.08	PCC	1485144.077	1512237.078
1022	4952.87	4953.27	PCC	1485146.847	1512249.771
1023	4954.29	4953.93	PT	1485175.219	1512283.494
1024	4954.74	4954.06	PC	1485183.579	1512288.011
1025	4955.02	4954.26	PT HP	1485235.577	1512293.872
1026	4953.43	4953.43	TIE	1485358.961	1512259.617
1027	4953.55	4953.68	PC	1485354.353	1512280.299
1028	4953.52	4953.58	PT	1485356.348	1512287.439
1029	4953.83	4953.84	PT	1485328.619	1512295.811
1030	4954.70	4954.40	PC	1485271.779	1512314.262
1031	4955.05	4955.14	PRC	1485216.977	1512339.159
1032	4955.04	4954.98	PRC	1485212.437	1512336.575
1033	4955.05	4954.68	PRC	1485208.873	1512316.924
1034	4955.06	4954.63	PRC	1485210.879	1512314.221
1035	4954.88	4954.46	PT HP	1485240.392	1512311.216
1036	4953.73	4953.78	PC	1485328.764	1512286.681
1037	4955.00	4954.64	CIRCLE CENTER	1485157.437	1512336.401
1038	4954.87	4954.77	PRC	1485114.684	1512371.001
1039	4954.89	4955.03	PRC	1485113.625	1512374.197
1040	4954.78	4954.91	PT	1485087.332	1512385.764
1041	4954.81	4954.70	PC	1485045.937	1512412.790
1042	4954.81	4954.64	PRC	1485043.240	1512408.580
1043	4954.78	4954.72	PCC	1485070.649	1512389.937
1044	4954.72	4954.83	PRC	1485102.178	1512358.416
1045	4954.78	4954.60	PRC	1485107.296	1512359.004
1046	4954.01	4953.95	PC	1485133.326	1512286.968
1047	4953.86	4953.92	PRC	1485130.450	1512285.218
1048	4953.55	4953.89	PT	1485129.507	1512274.305
1049	4953.38	4953.67	PC	1485127.234	1512259.105
1050	4952.91	4953.32	PCC	1485125.625	1512234.853
1051	4953.09	4953.20	PRC	1485129.613	1512234.669
1052	4954.04	4953.85	PRC	1485139.258	1512281.473
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1054	4954.60	4955.3	HP	1485181.613	1512385.803
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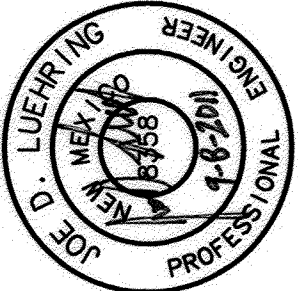
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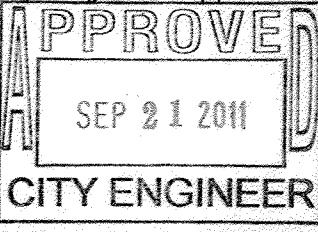
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4953.59
4953.89
4954.50
4955.06

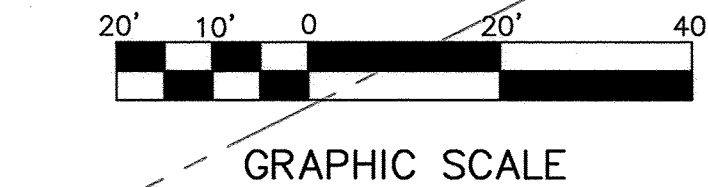
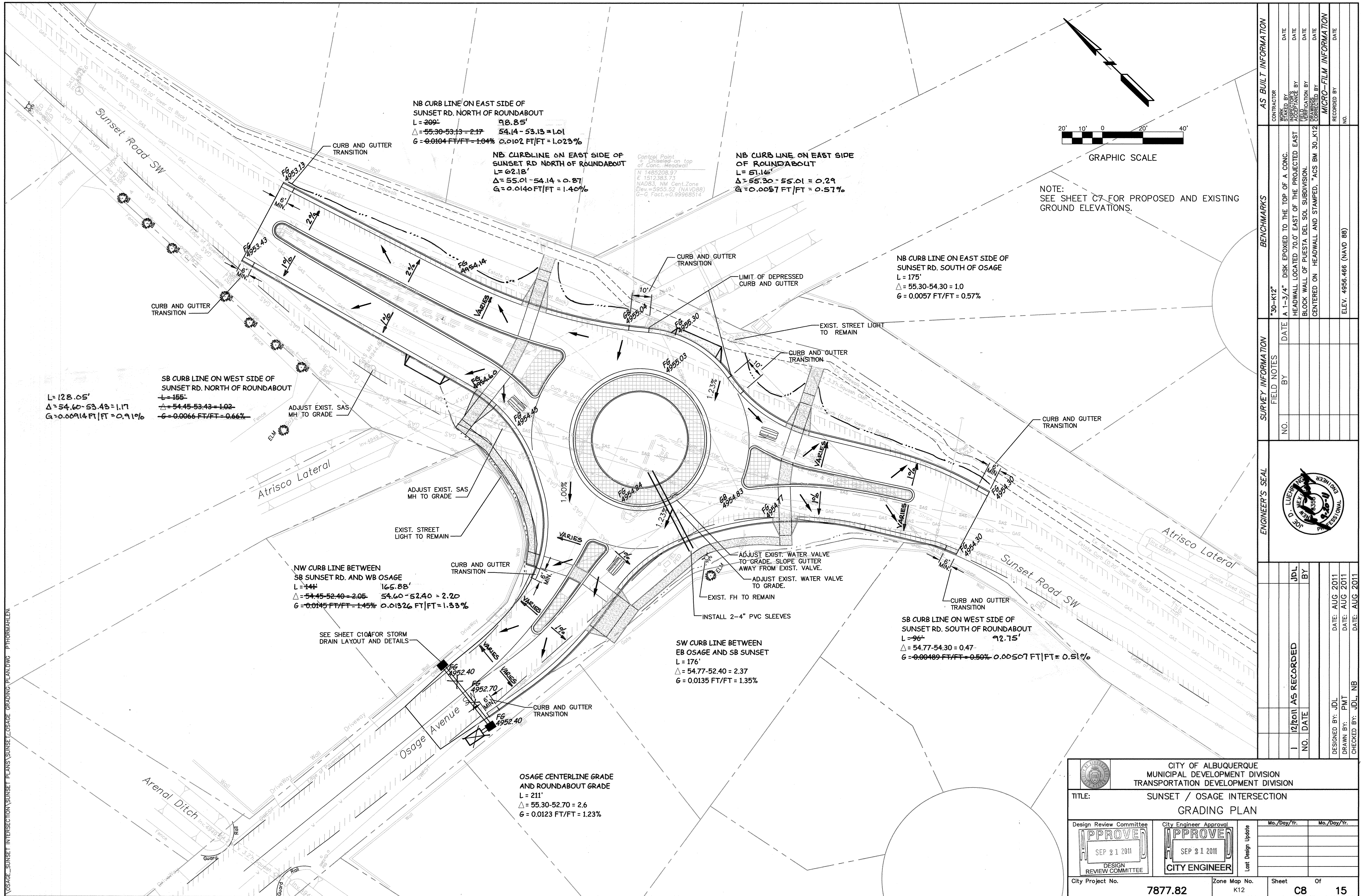
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4954.25

4953.80
4953.59
4953.25
4953.25

AS BUILT INFORMATION		BENCHMARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	"30-K12"	DATE	FIELD NOTES	NO.		
SPKED BY	DATE	A 1-3/4"	DATE	BY			
INSPECTOR'S	DATE	DISK EXPOSED TO THE TOP OF A CONC.				DESIGNED BY: JDL DATE: AUG 2011	
STATIONER'S	DATE	HEADWALL LOCATED 70.0' EAST OF THE PROJECTED EAST					
FIELD	DATE	BLOCK WALL OF PUESTA DEL SOL SUBDIVISION.				DRAWN BY: PMT DATE: AUG 2011	
VERIFICATION BY	DATE	CENTERED ON HEADWALL AND STAMPED, "ACS BM 30_K12"					
COMPLETED BY	DATE					CHECKED BY: JDL, NB DATE: AUG 2011	
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							

	CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION
TITLE: SUNSET / OSAGE INTERSECTION POINT, LINE AND CURVE TABLES	
Design Review Committee	City Engineer Approval
	
City Project No.	Zone Map No.
7877.82	K12
Sheet	Of
C7	15



NOTE:
SEE SHEET C7 FOR PROPOSED AND EXISTING
GROUND ELEVATIONS.

AS BUILT INFORMATION		BENCHMARKS		SURVEY INFORMATION		ENGINEER'S SEAL		JDL AS RECORDED		DESIGNED BY: JDL		DRAWN BY: PMT		CHECKED BY: JDL, NB	
CONTRACTOR	DATE	NO.	BY	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE	DATE	DATE	DATE	DATE
WORK STARTED BY	DATE														
FIELD NOTES BY	DATE														
FIELD LOCATION BY	DATE														
DEVELOPED BY	DATE														
MICRO-FILM INFORMATION															
RECORDED BY	DATE														
NO.															

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DIVISION
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: SUNSET / OSAGE INTERSECTION
GRADING PLAN

Design Review Committee

SEP 21 2011
DESIGN REVIEW COMMITTEE

City Engineer Approval

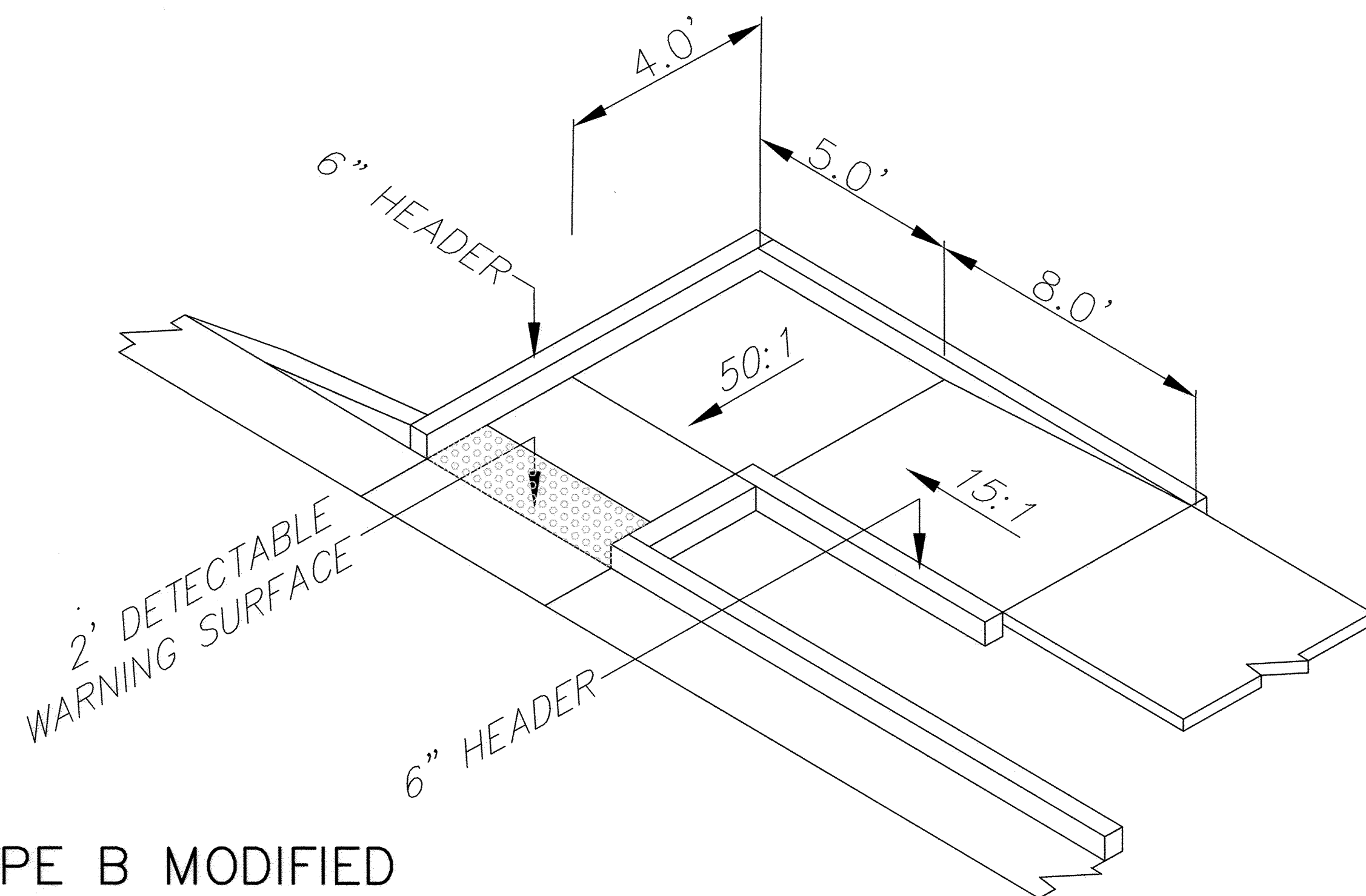
SEP 21 2011
CITY ENGINEER

Last Design Update

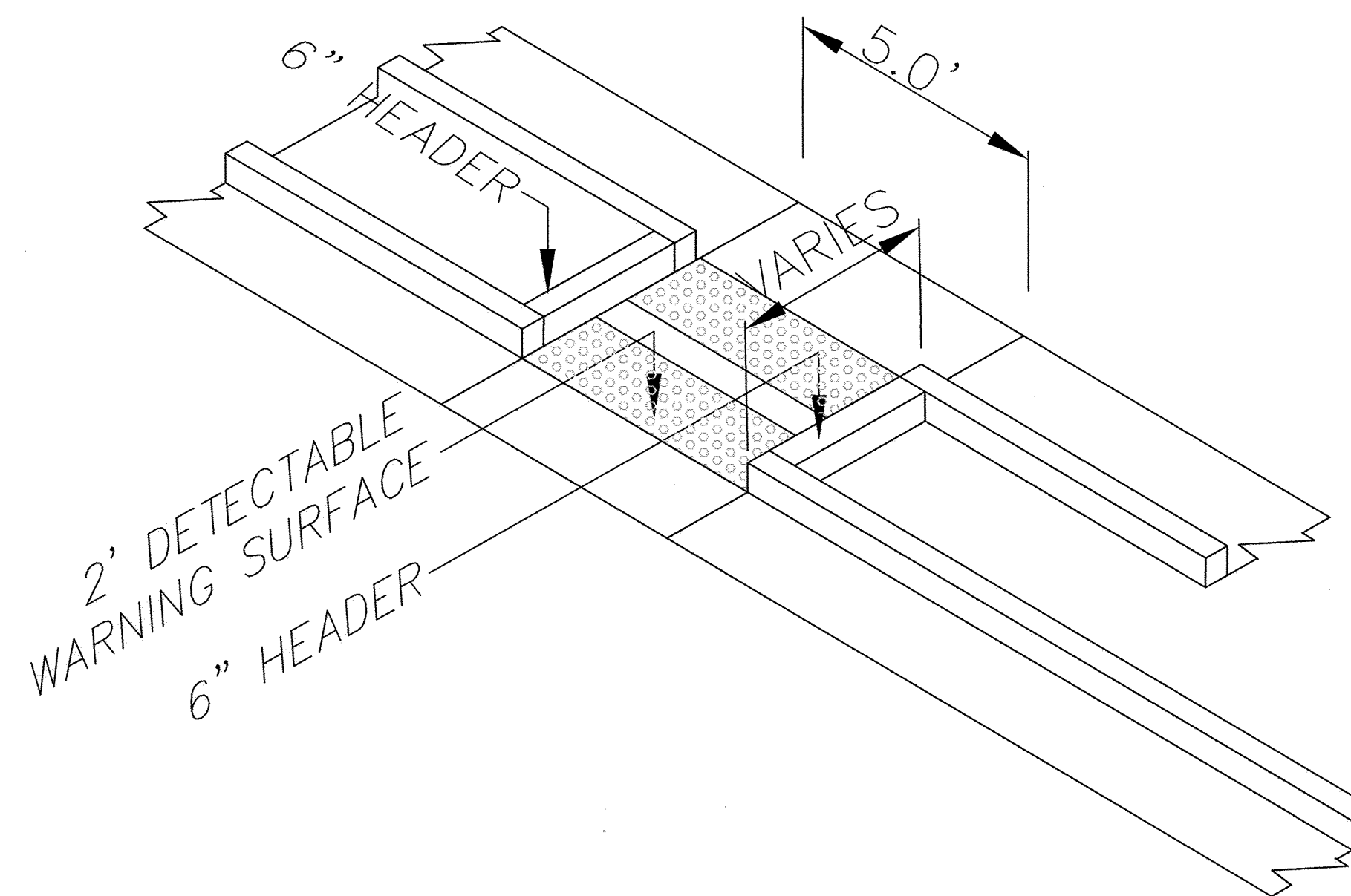
City Project No. 7877.82

Zone Map No. K12

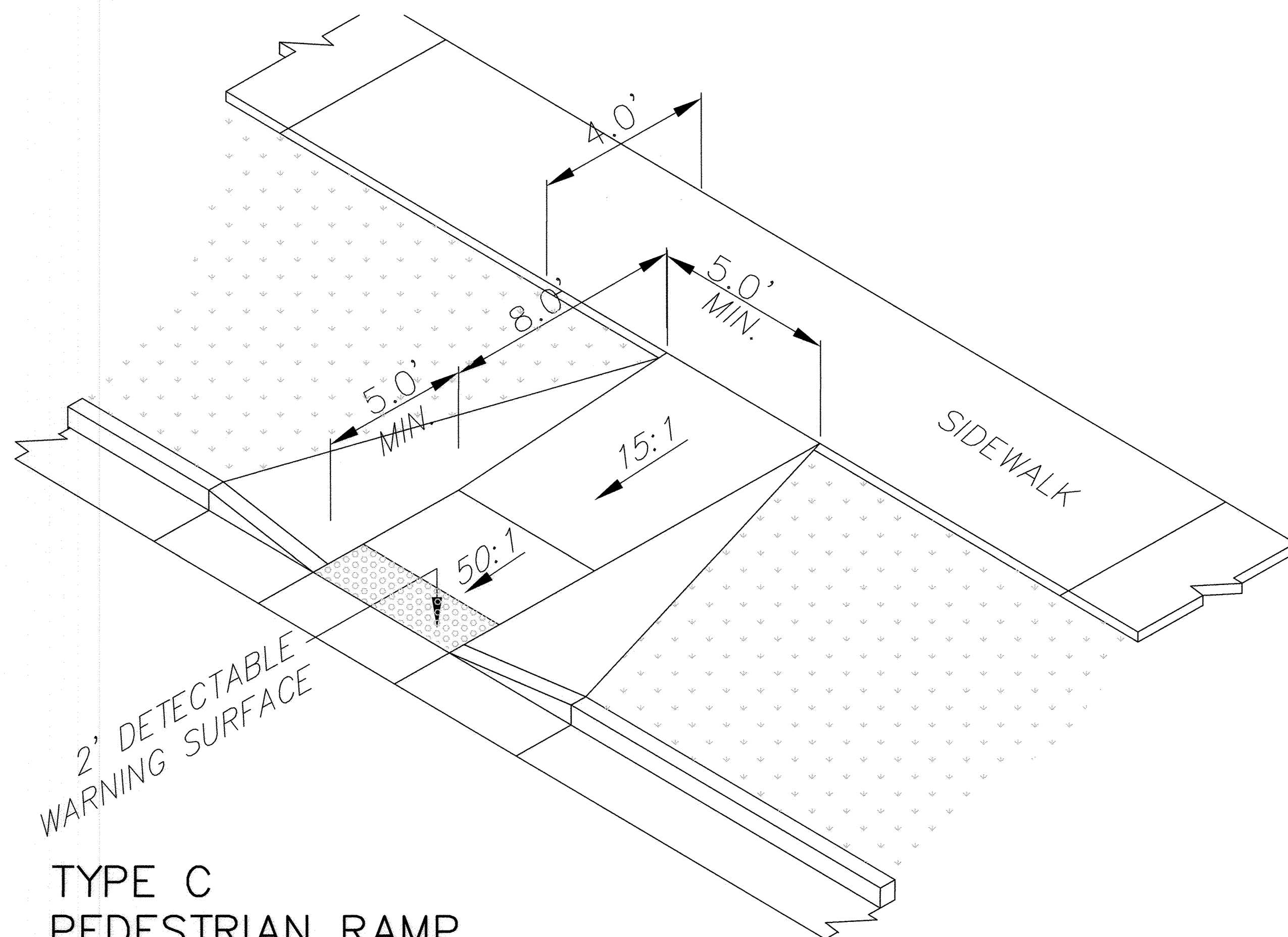
Sheet C8 Of 15



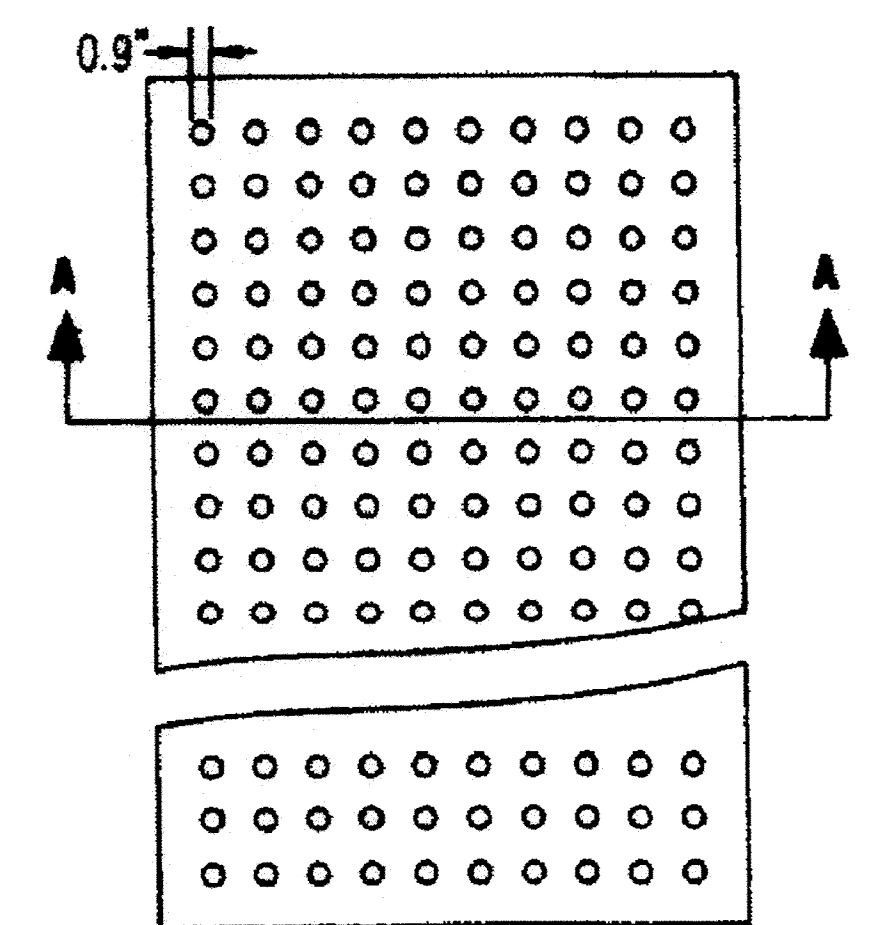
TYPE B MODIFIED
PEDESTRIAN RAMP



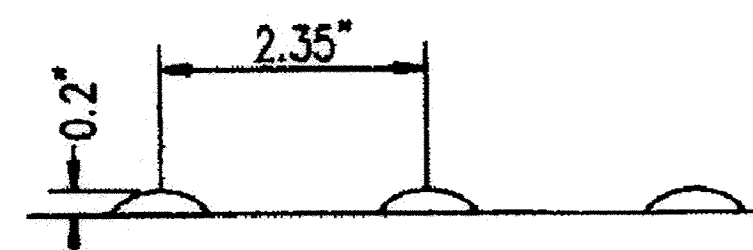
MEDIAN CROSSING



TYPE C
PEDESTRIAN RAMP



DETECTABLE WARNING SURFACE
NOT TO SCALE



SECTION A-A
NOT TO SCALE

DETECTABLE WARNING SURFACE NOTES:

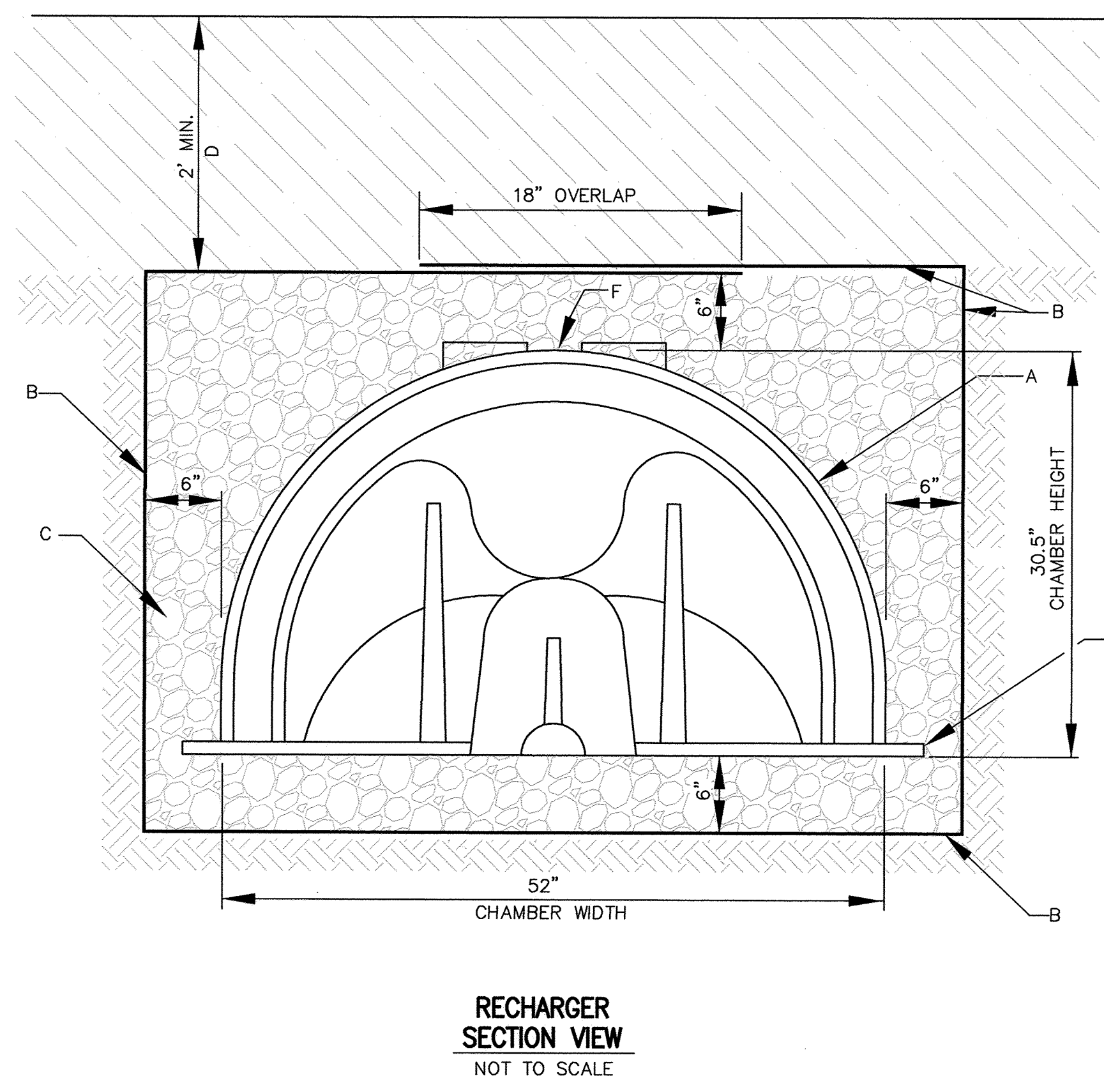
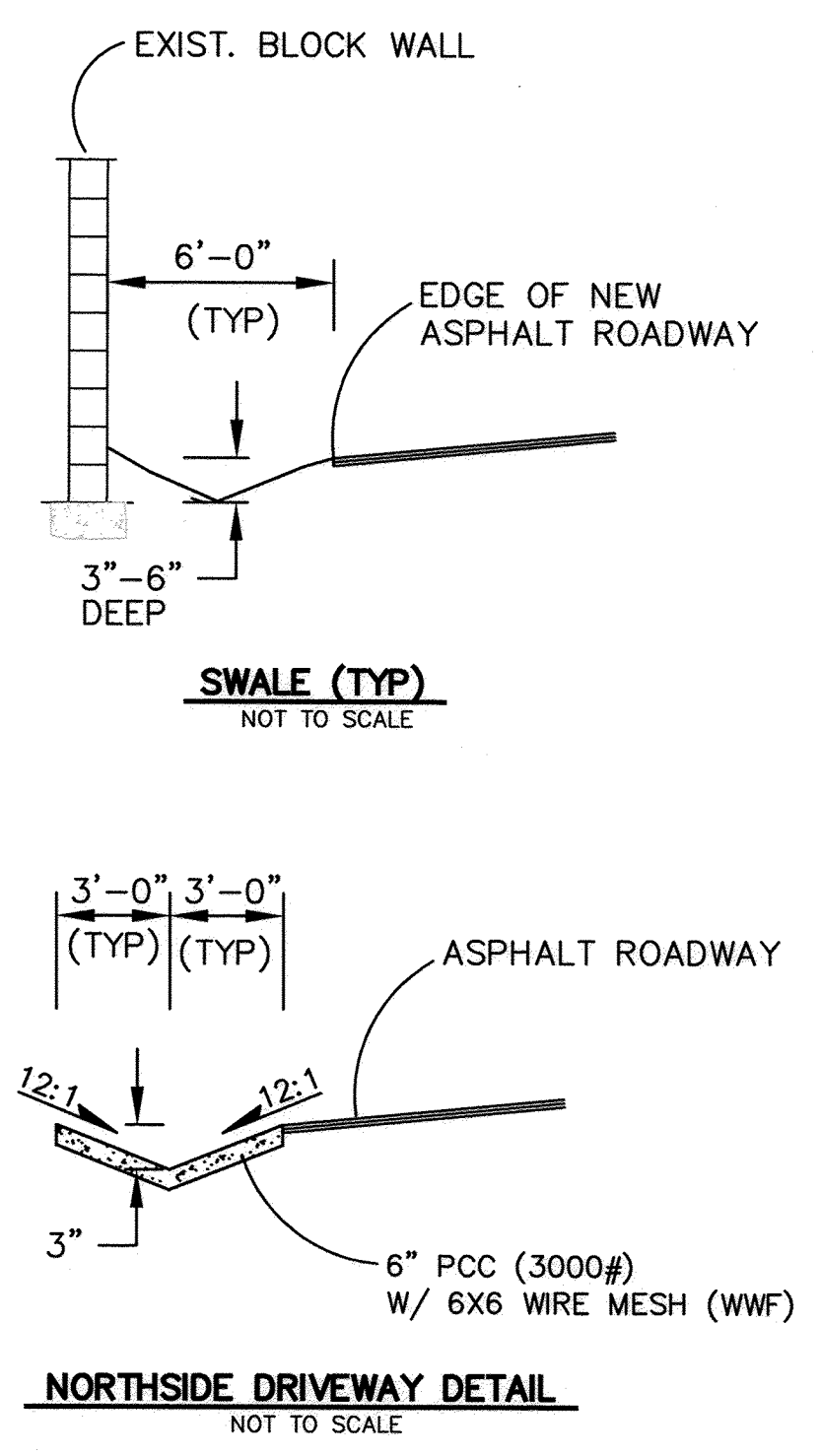
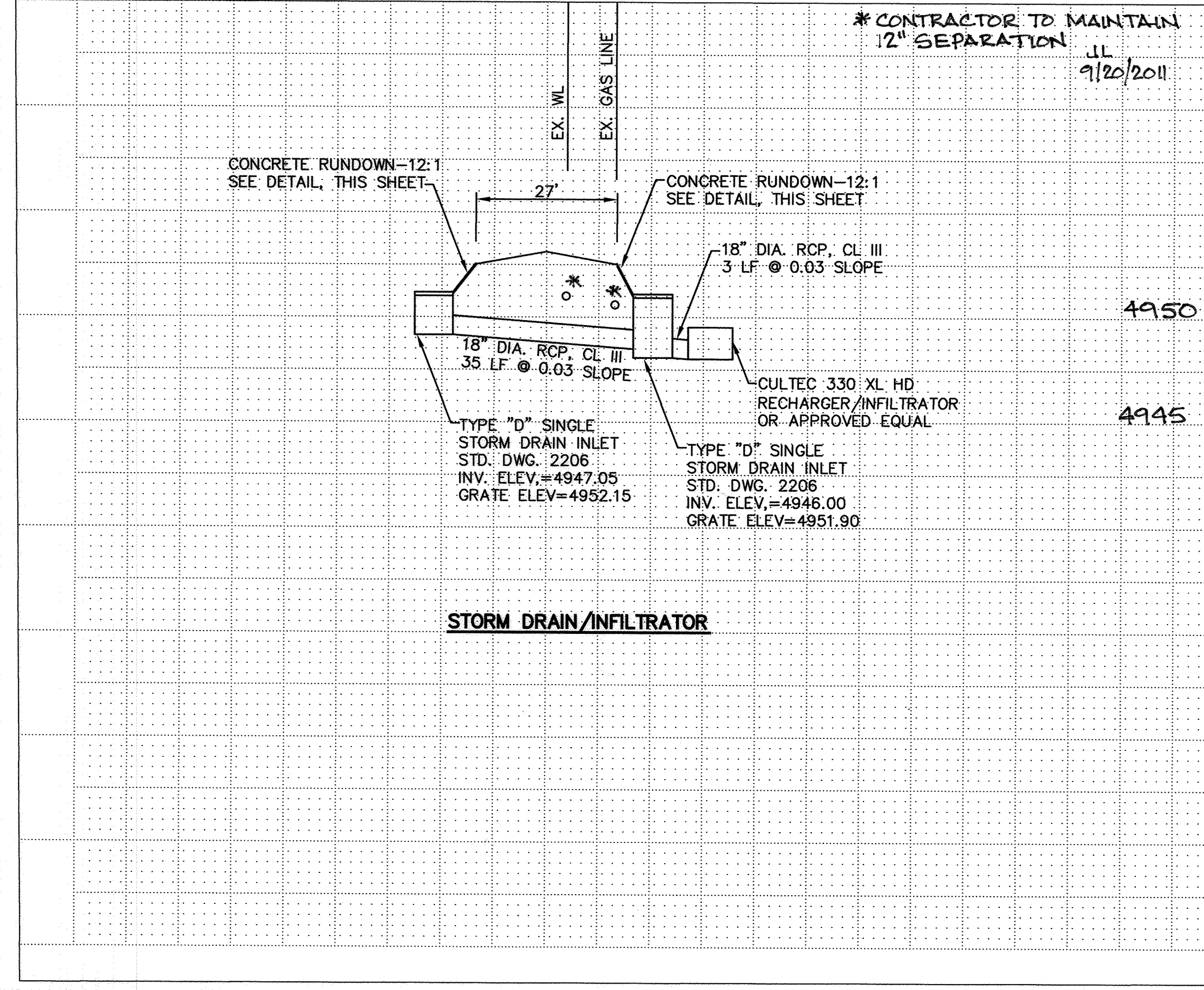
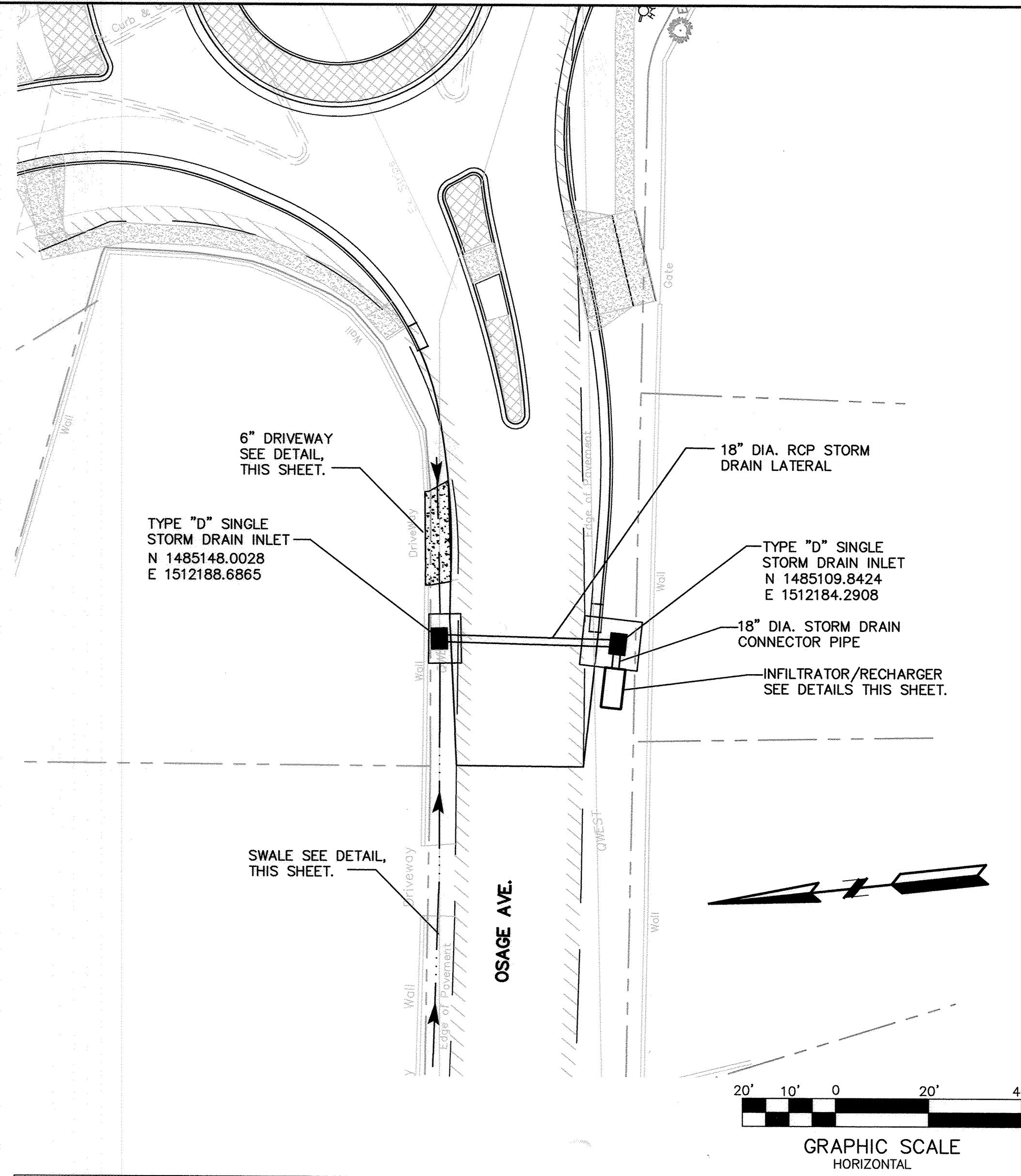
1. THE DETECTABLE WARNING SURFACE SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A NOMINAL DIAMETER OF 23mm. (0.9"), A NOMINAL HEIGHT OF 5mm. (0.2"), AND A NOMINAL CENTER TO CENTER SPACING OF 60mm. (2.35"). THE SURFACE SHALL BE FIBERGLASS PANELS OR PAVERS WITH TRUNCATED DOMES. EXACT MATERIAL & INSTALLATION PROCEDURES SHALL BE COORDINATED WITH AND APPROVED BY OWNER.
2. THE DETECTABLE WARNING SURFACE SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE INTEGRAL PART OF THE WALKING SURFACE. PROVIDE 70/30 CONTRAST PER ADA.
3. CONTRACTOR SHALL COORDINATE THE EXACT CONTRAST OF DETECTABLE WARNING SURFACE W/ OWNER.
4. SUBMIT SPEC'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO INSTALLATION.

DETECTABLE WARNING SURFACE

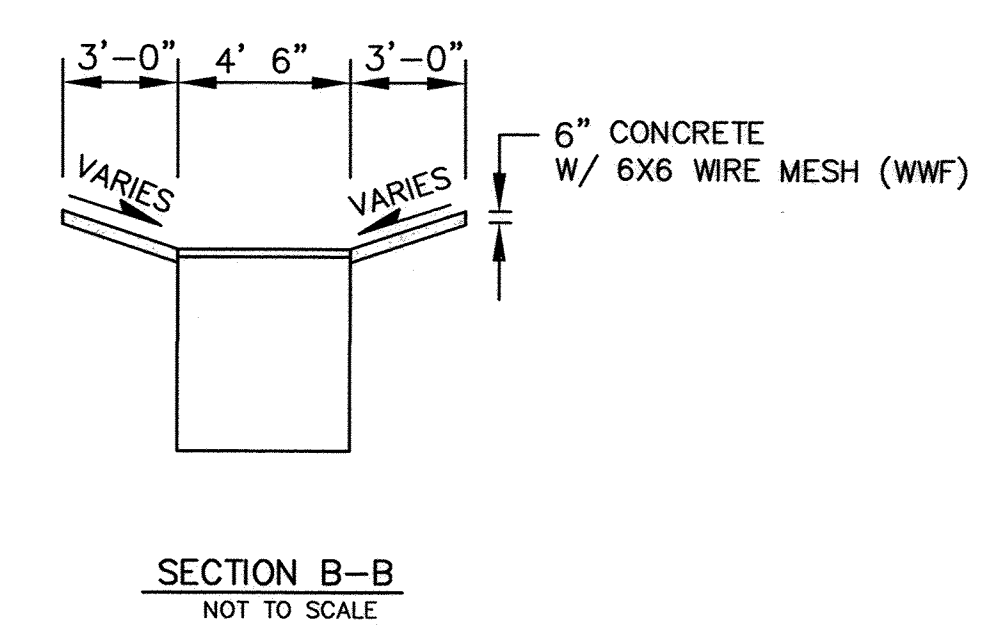
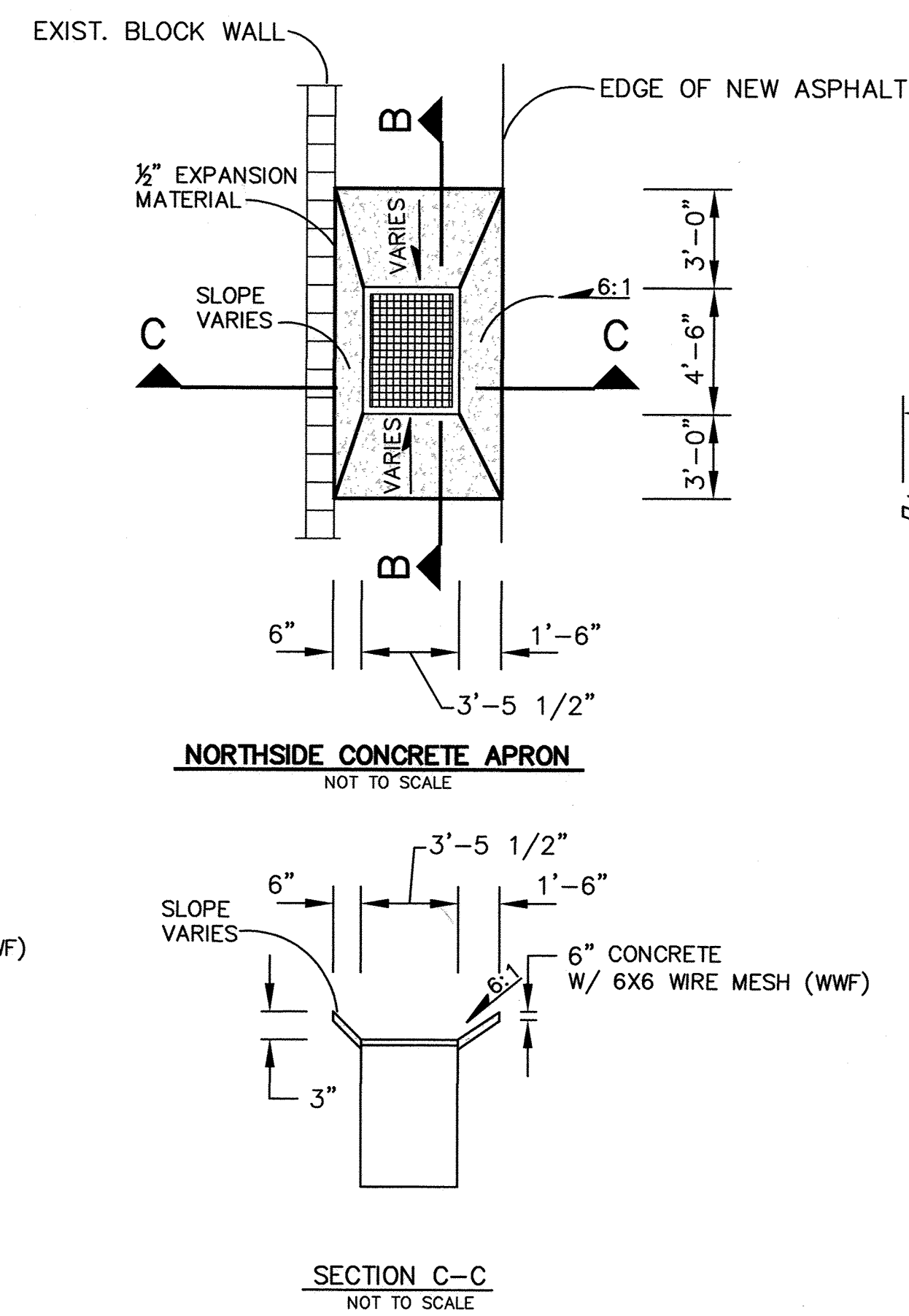
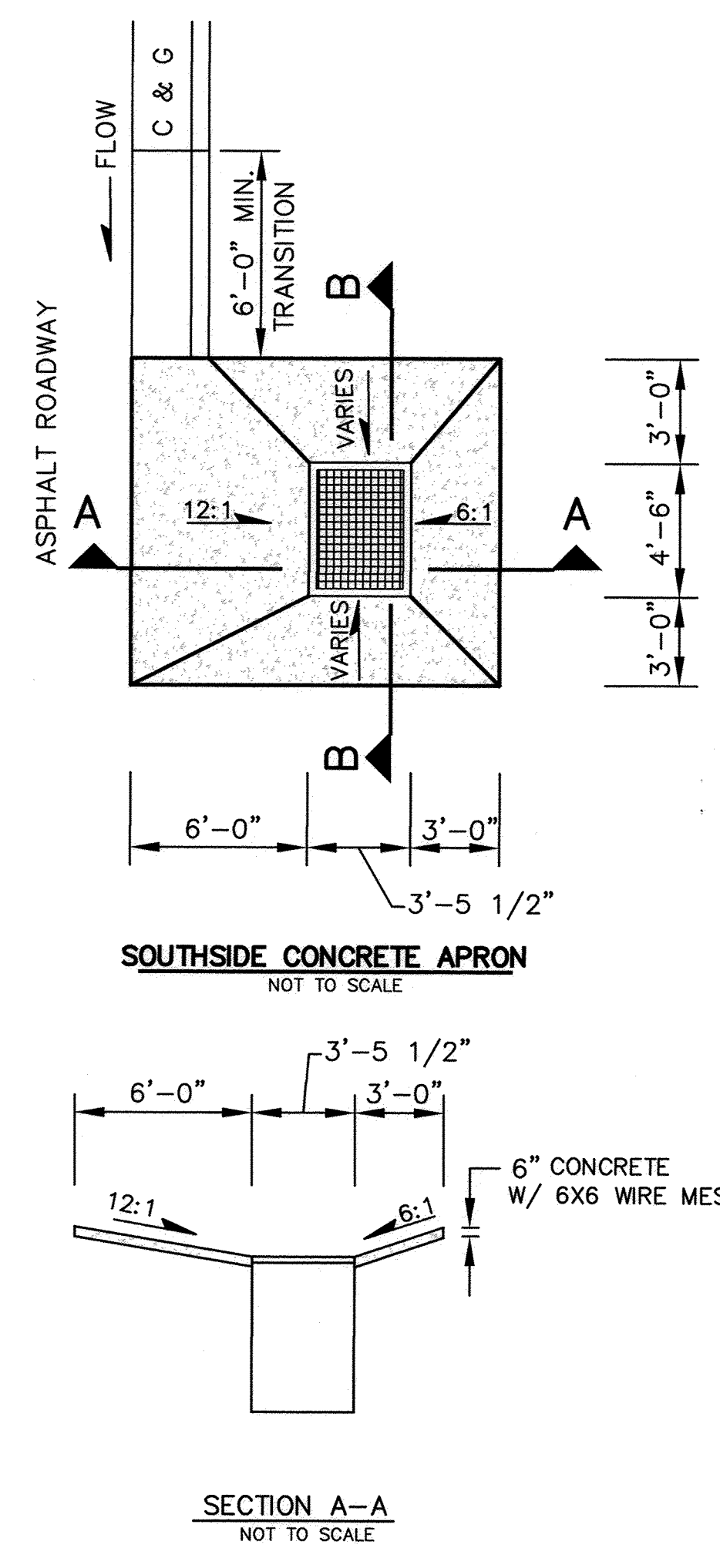
NOT TO SCALE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: SUNSET / OSAGE INTERSECTION GENERAL PEDESTRIAN RAMP DETAILS			
Design Review Committee APPROVE SEP 21 2011 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE SEP 21 2011 CITY ENGINEER	Mo./Day/Yr. Mo./Day/Yr.	Mo./Day/Yr. Mo./Day/Yr.
City Project No. 7877.82	Zone Map No. K12	Sheet C9	Of 15

OSAGE SUNSET INTERSECTION SUNSET PLANS PLAN SET SUNSET OSAGE 120 SD PP DET.DWG PTHORAHLEN



- GENERAL NOTES:**
- SEE MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CONSTRUCTION NOTES:**
- RECHARGER - CULTEC 330HD OR APPROVED EQUAL. 8.5 FEET LONG
 - 4 OZ. NON-WOVEN FILTER FABRIC ALL AROUND STONE
 - 1-2 INCH CRUSHED STONE
 - COMPACTED EARTH FILL, 95% OF MAX. DENSITY AS DETERMINED BY A.S.T.M. D 1557.
 - NOT USED
 - WARNING TAPE, AS DIRECTED BY ENGINEER.



AS BUILT INFORMATION				BENCHMARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	NO. DATE	CONTRACTOR	NO. DATE	NO.	BY	DATE	NO.	NO.	BY	DATE	NO.	DESIGNED BY: JDL	DATE: AUG 2011	DRAWN BY: PMT	DATE: AUG 2011
NO. DATE	NO. DATE	NO. DATE	NO. DATE	NO.	BY	DATE	NO.	NO.	BY	DATE	NO.	CHECKED BY: JDL, NB	DATE: AUG 2011		
MICRO-FILM INFORMATION				NO.				NO.				NO.			
RECORDED BY				NO.				NO.				NO.			
ELEV. 4956.466 (NAVD 86)				ELEV. 4956.466 (NAVD 86)				ELEV. 4956.466 (NAVD 86)				ELEV. 4956.466 (NAVD 86)			

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DIVISION
TRANSPORTATION DEVELOPMENT DIVISION

TITLE:
SUNSET / OSAGE INTERSECTION
STORM DRAIN PLAN AND PROFILE
AND DETAILS

Design Review Committee
APPROVED
SEP 21 2011
DESIGN REVIEW COMMITTEE

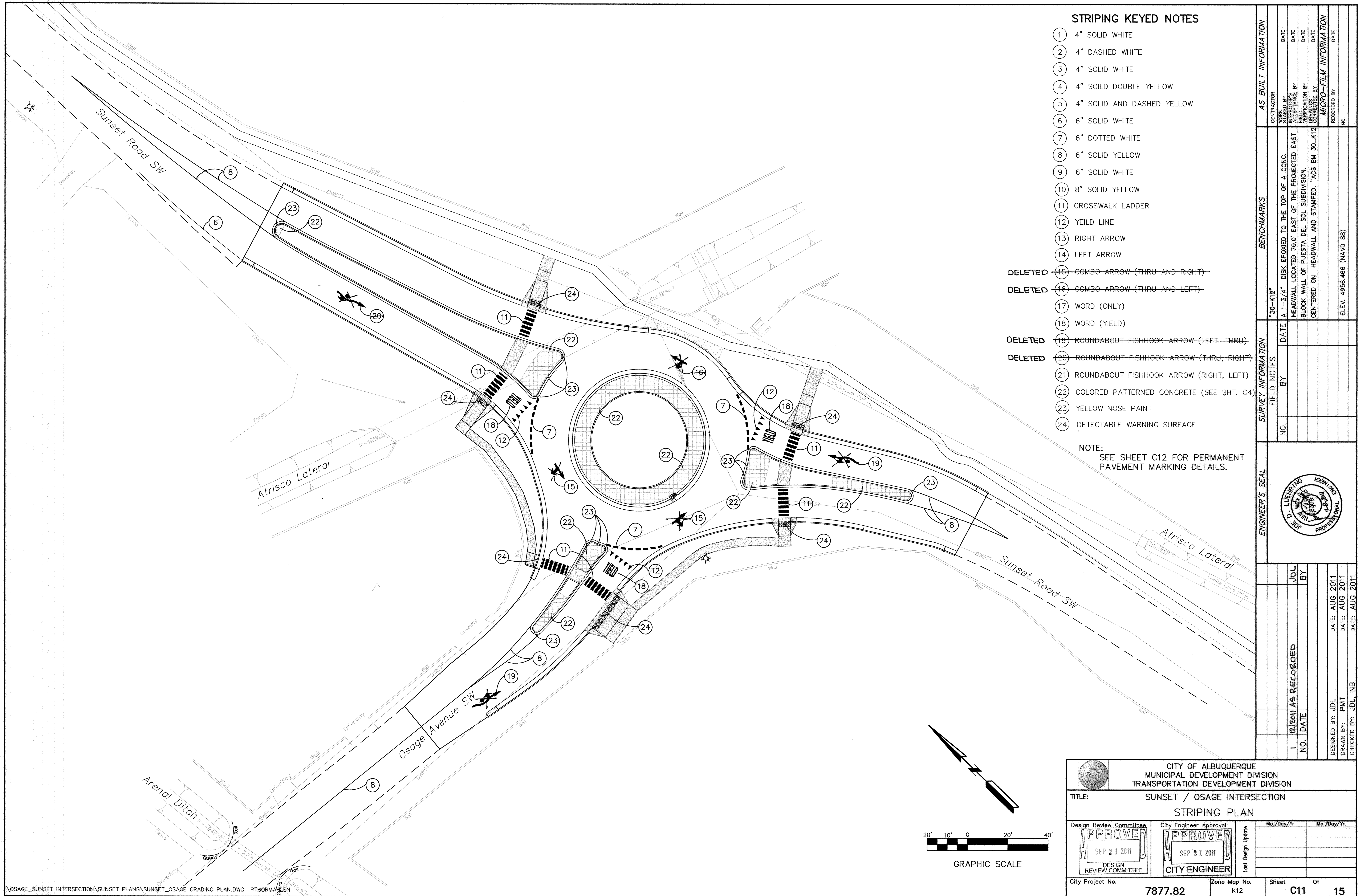
City Engineer Approval
APPROVED
SEP 21 2011
CITY ENGINEER

Mo./Day/Yr.
Mo./Day/Yr.

City Project No. 7877.82

Zone Map No. K12

Sheet C10 Of 15



STRIPING KEYED NOTES

- ① 4" SOLID WHITE
- ② 4" DASHED WHITE
- ③ 4" SOLID WHITE
- ④ 4" SOLID DOUBLE YELLOW
- ⑤ 4" SOLID AND DASHED YELLOW
- ⑥ 6" SOLID WHITE
- ⑦ 6" DOTTED WHITE
- ⑧ 6" SOLID YELLOW
- ⑨ 6" SOLID WHITE
- ⑩ 8" SOLID YELLOW
- ⑪ CROSSWALK LADDER
- ⑫ YIELD LINE
- ⑬ RIGHT ARROW
- ⑭ LEFT ARROW
- ~~⑮ COMBO ARROW (THRU AND RIGHT)~~
- ~~⑯ COMBO ARROW (THRU AND LEFT)~~
- ⑰ WORD (ONLY)
- ⑱ WORD (YIELD)
- ~~⑲ ROUNDABOUT FISHHOOK ARROW (LEFT, THRU)~~
- ~~⑳ ROUNDABOUT FISHHOOK ARROW (THRU, RIGHT)~~
- ㉑ ROUNDABOUT FISHHOOK ARROW (RIGHT, LEFT)
- ㉒ COLORED PATTERNED CONCRETE (SEE SHT. C4)
- ㉓ YELLOW NOSE PAINT
- ㉔ DETECTABLE WARNING SURFACE

NOTE:
SEE SHEET C12 FOR PERMANENT
PAVEMENT MARKING DETAILS.

AS BUILT INFORMATION		BENCHMARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK	*30-K12*	NO.	DATE	BY	NO.	DATE
SUBMITTED BY	DATE	HEADWALL LOCATED TO THE TOP OF A CONC.				JDL	BY
ACCEPTANCE BY	DATE	HEADWALL LOCATED 70' EAST OF THE PROJECTED EAST					
PERMIT BY	DATE	BLOCK WALL OF PUESTA DEL SOL SUBDIVISION.					
DESIGNED BY	DATE	CENTERED ON HEADWALL AND STAMPED, "ACS BM 30-K12"					
CHECKED BY	DATE						
RECORDED BY	DATE						
NO.		ELEV. 4956.466 (NAVD 88)					



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DIVISION
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: SUNSET / OSAGE INTERSECTION
STRIPING PLAN

Design Review Committee
APPROVE
SEP 21 2011
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVE
SEP 21 2011
CITY ENGINEER

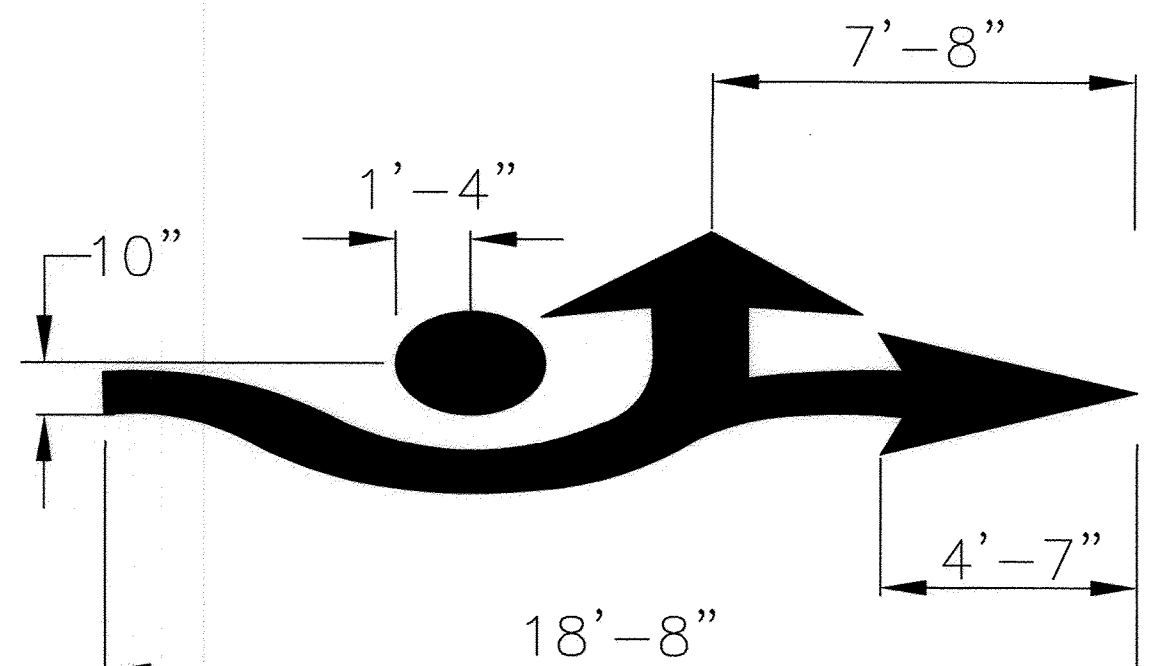
Mo./Day/Yr.
Mo./Day/Yr.

City Project No. 7877.82

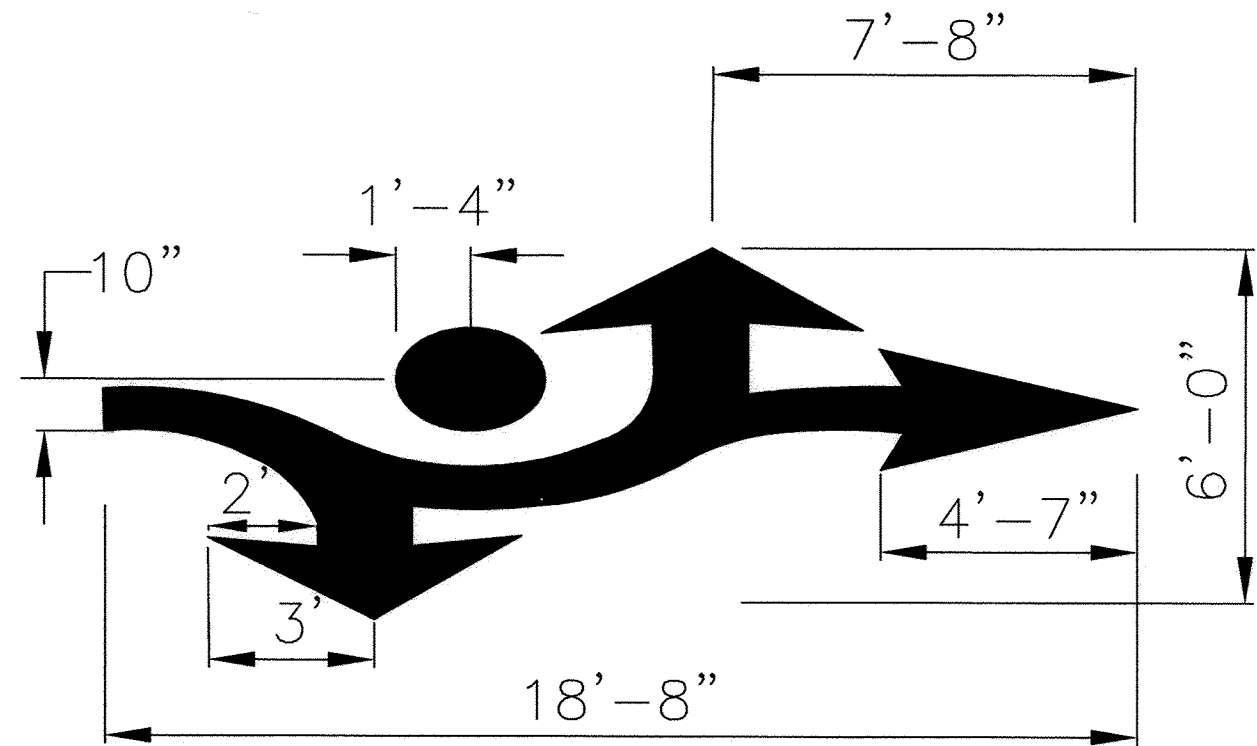
Zone Map No. K12

Sheet C11

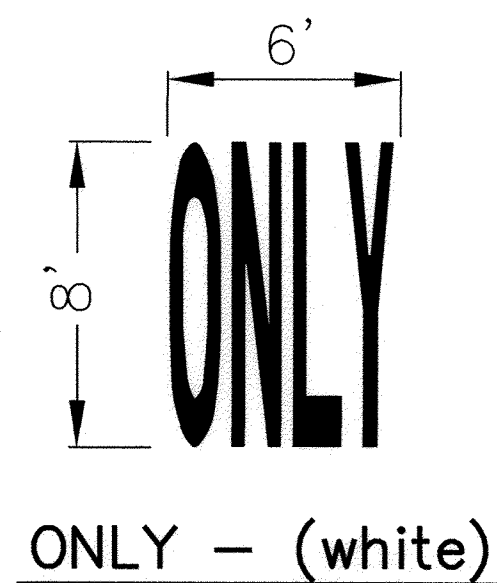
Or 15



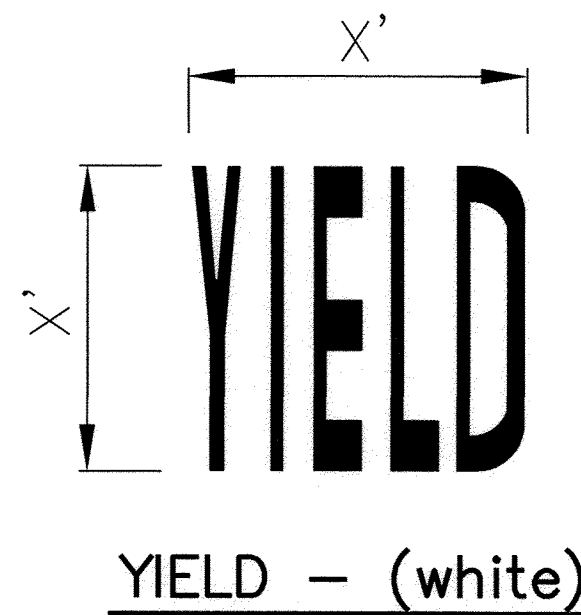
ROUNDAABOUT ARROW - LEFT-THRU



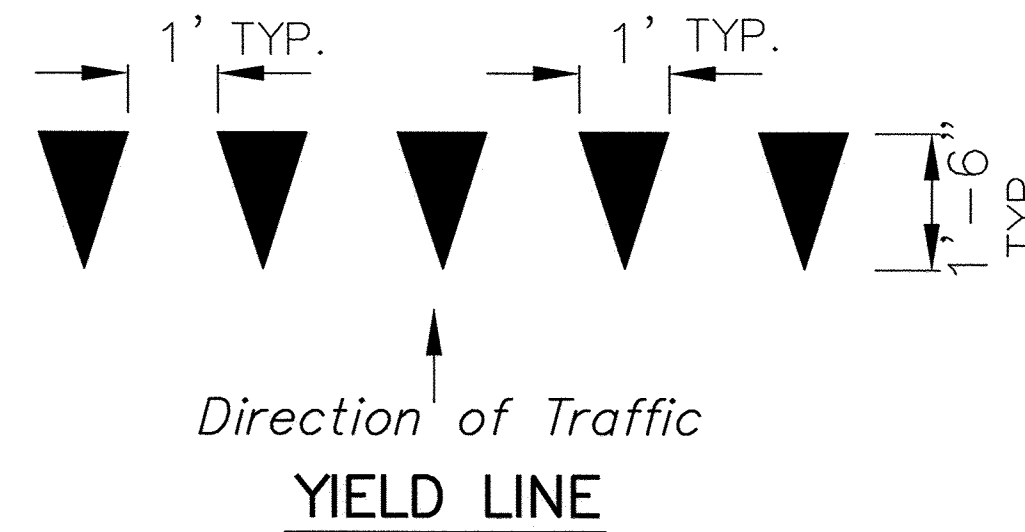
ROUNDAABOUT ARROW - LEFT-THRU-RIGHT



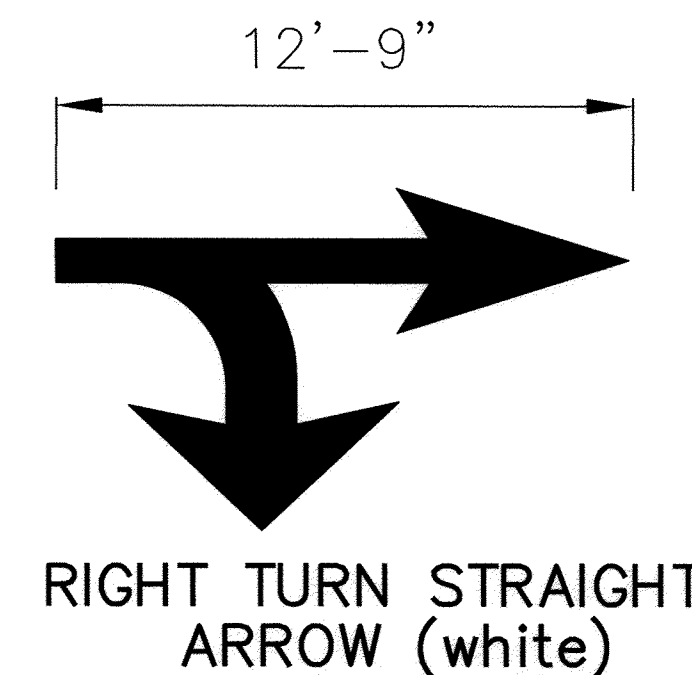
ONLY - (white)



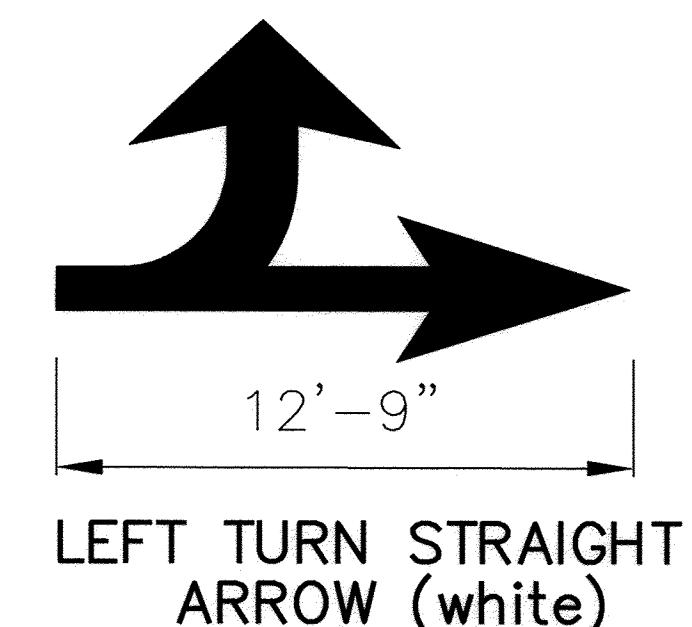
YIELD - (white)



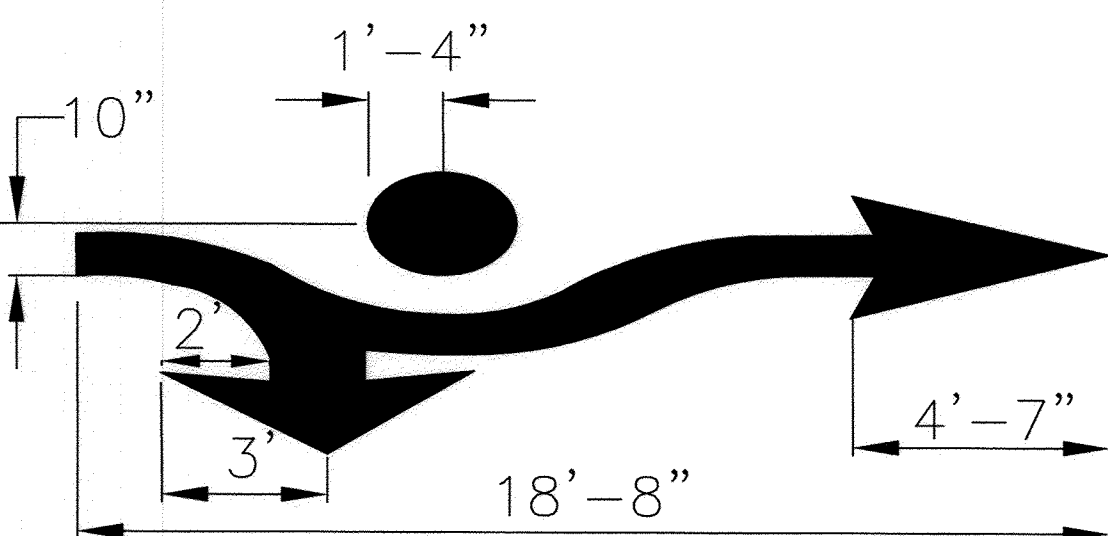
Direction of Traffic
YIELD LINE



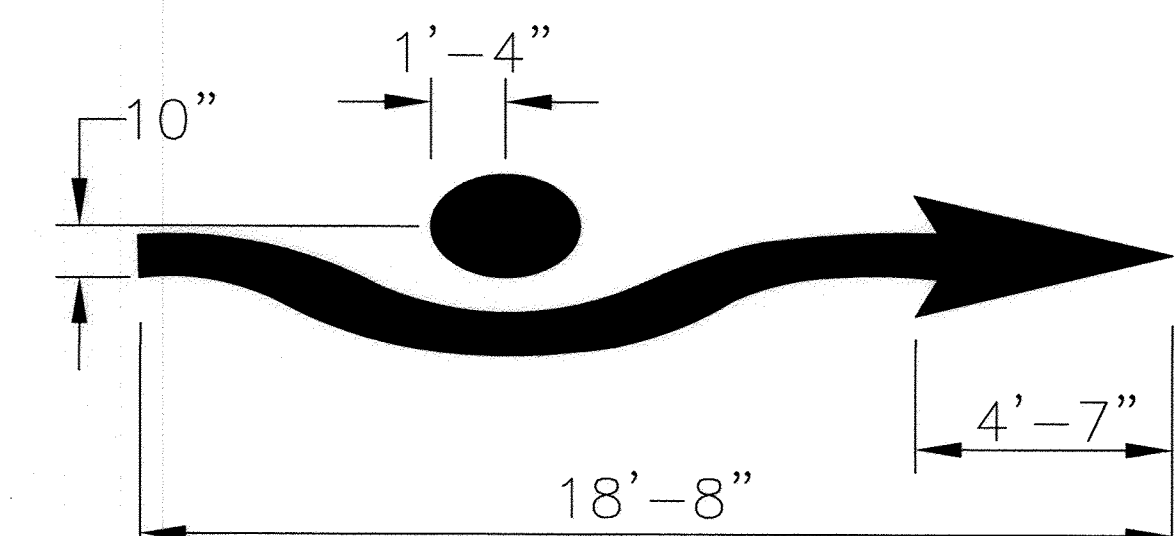
RIGHT TURN STRAIGHT
ARROW (white)



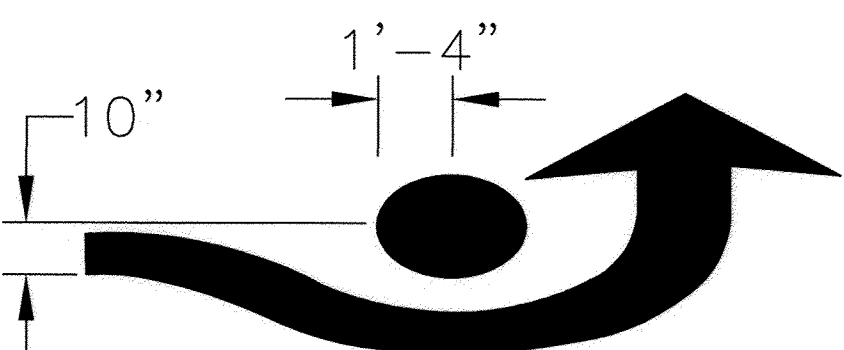
LEFT TURN STRAIGHT
ARROW (white)



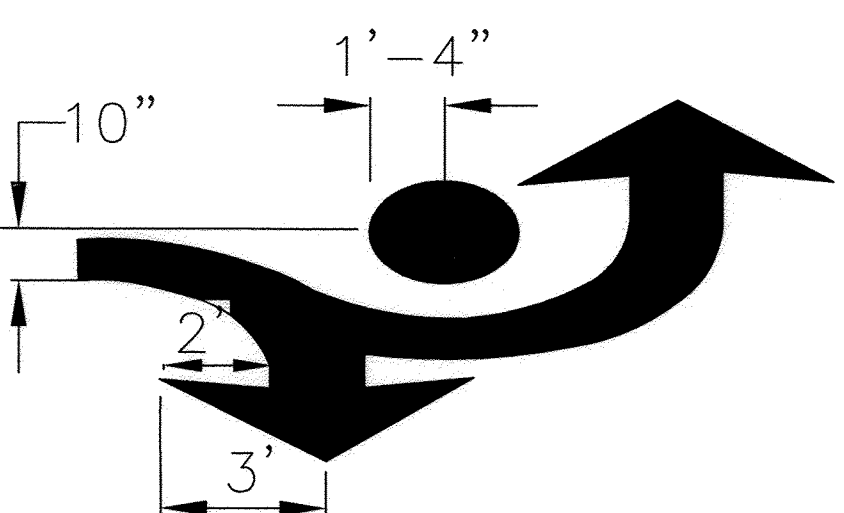
ROUNDAABOUT ARROW - THRU-RIGHT



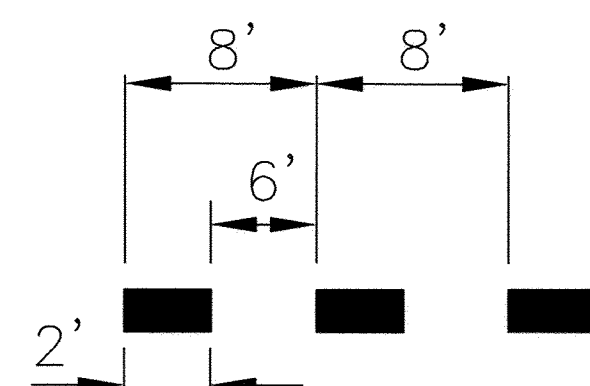
ROUNDAABOUT ARROW - THRU



ROUNDAABOUT ARROW - LEFT

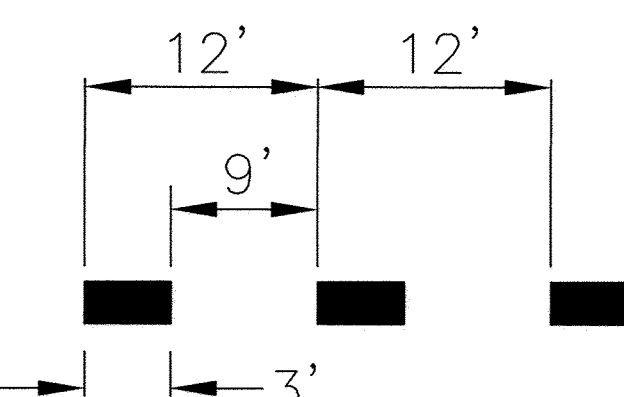


ROUNDAABOUT ARROW - LEFT-RIGHT



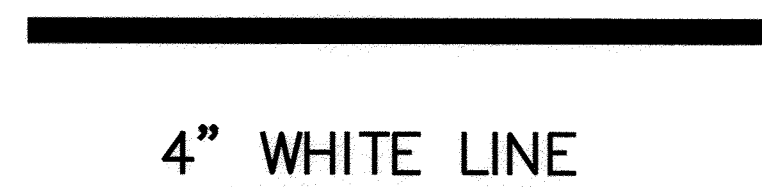
6" WHITE DOTTED LINE

For lane extensions and bike lane extensions.

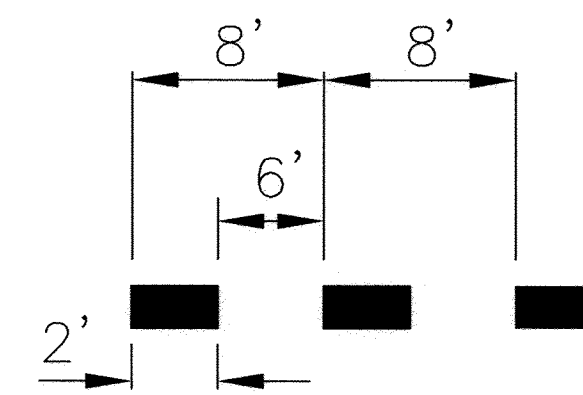


6" WHITE LANE DROP LINE

6" WHITE LINE

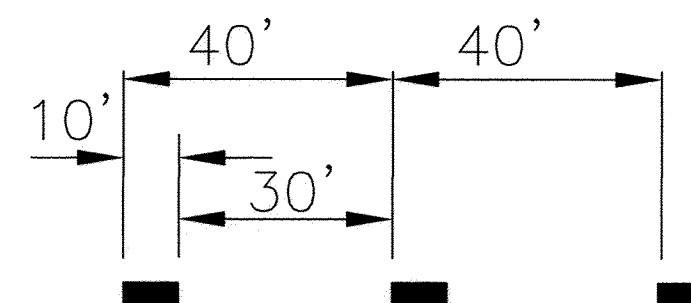


4" WHITE LINE



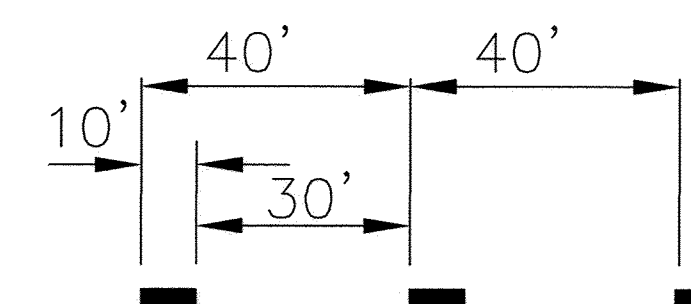
4" WHITE DOTTED LINE

For lane extensions

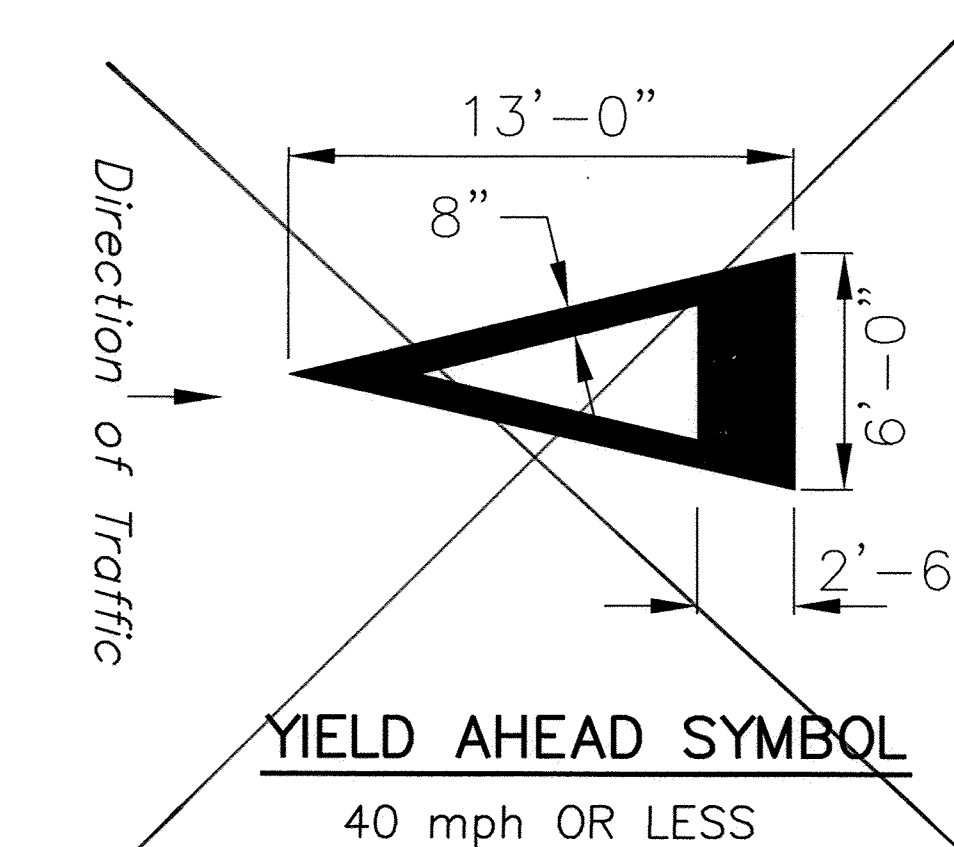


4" WHITE DASHED LINE

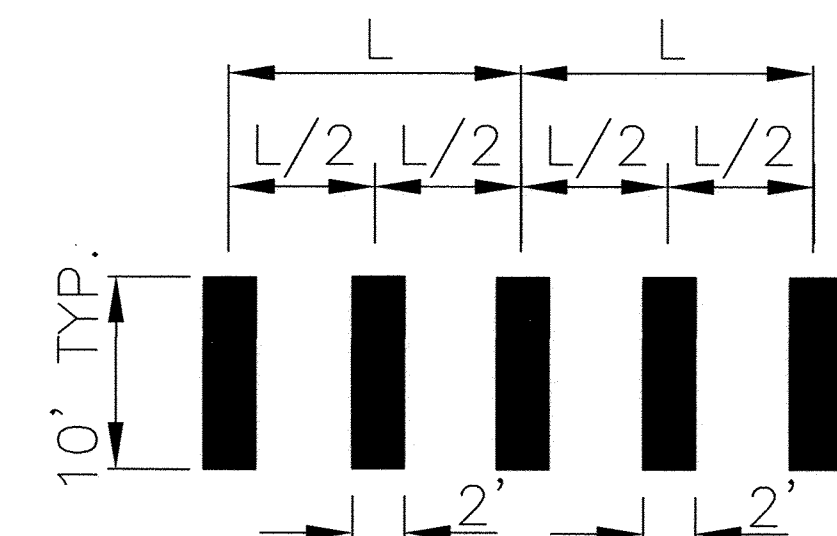
4" YELLOW LINE



4" YELLOW DASHED LINE

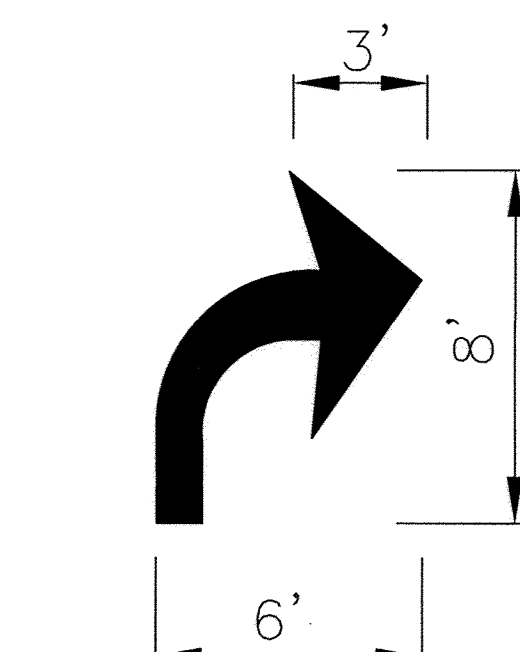


YIELD AHEAD SYMBOL
40 mph OR LESS

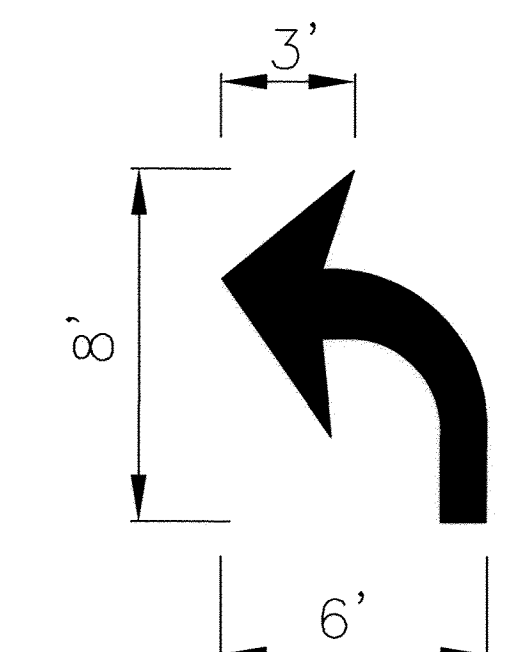


CROSSWALK LADDER TYPE
2' WHITE BARS

Align crosswalk with ADA ramps or 5 ft. back of extended fog line, edge of pavement or face of curb.



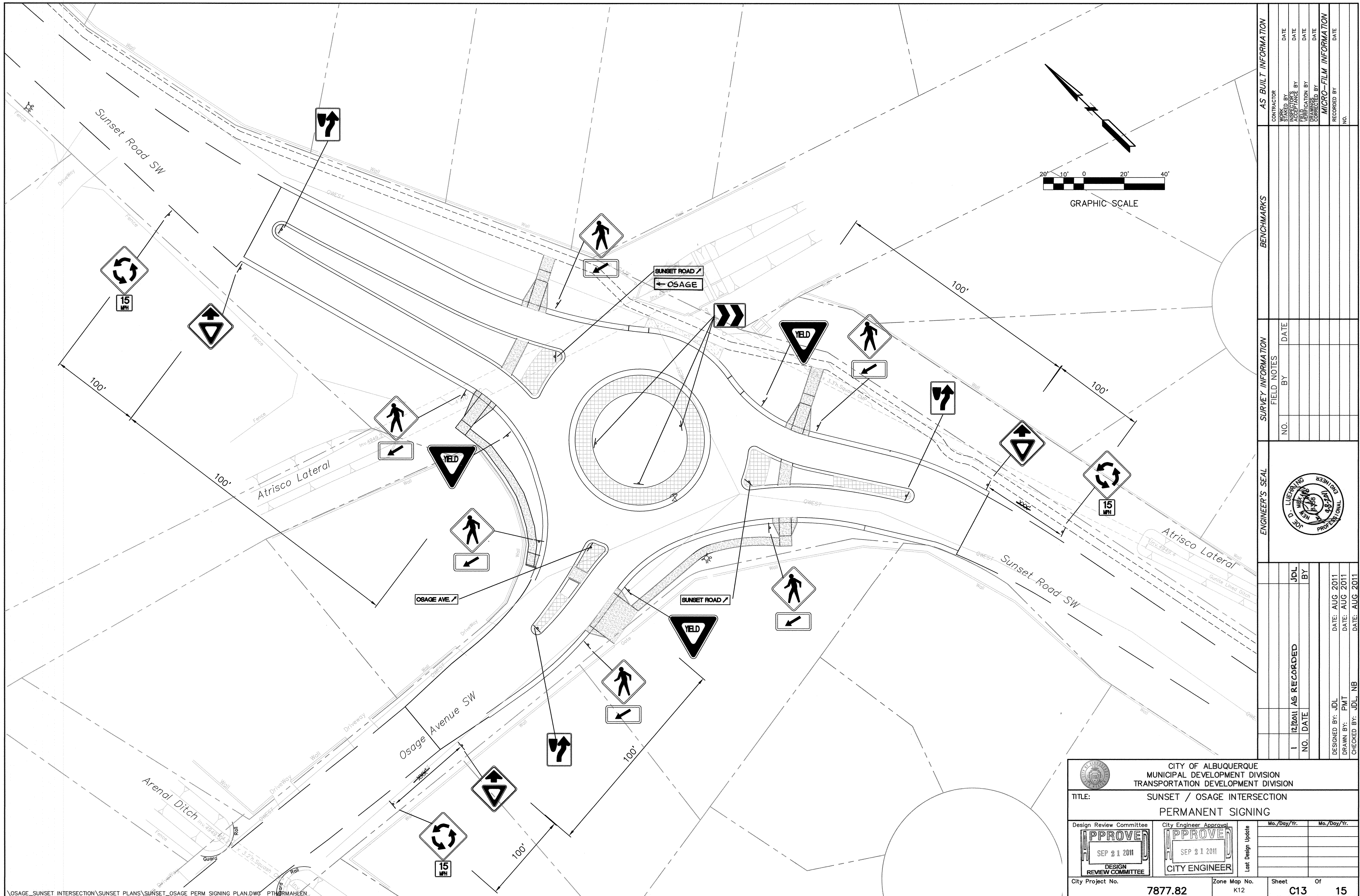
RIGHT TURN ARROW
(white)



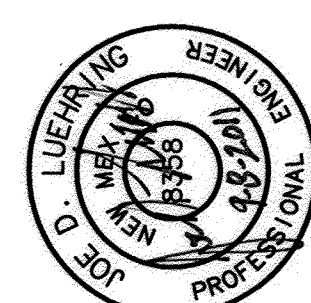
LEFT TURN ARROW
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NOT TO SCALE

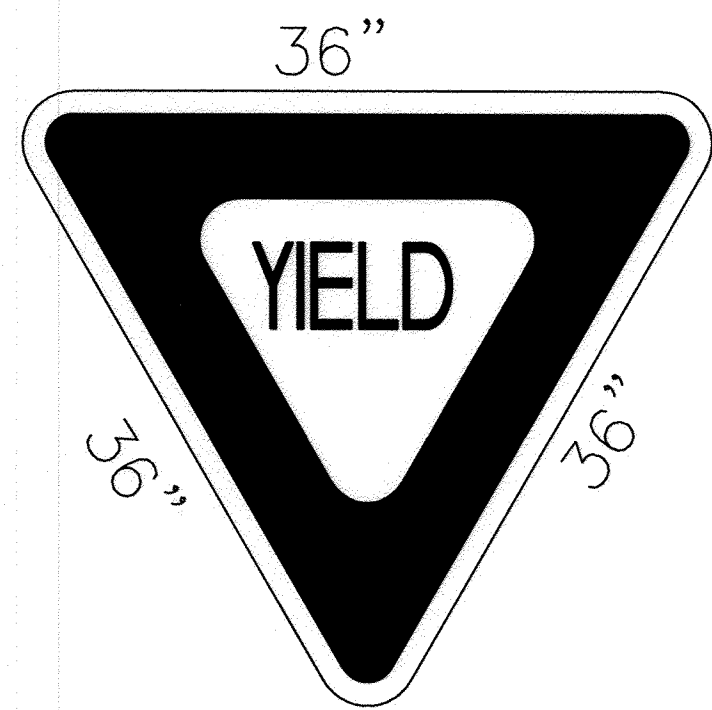
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: SUNSET / OSAGE INTERSECTION PERMANENT PAVEMENT MARKING DETAILS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE SEP 21 2011 DESIGN REVIEW COMMITTEE	APPROVE SEP 21 2011 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7877.82	K12	C12	15



AS BUILT INFORMATION		BENCHMARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE			FIELD NOTES			
WORK BY	DATE			NO.	BY		
INSPECTION BY	DATE						
ACCEPTANCE BY	DATE						
VERIFICATION BY	DATE						
DRAWING	DATE						
COMPILED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							



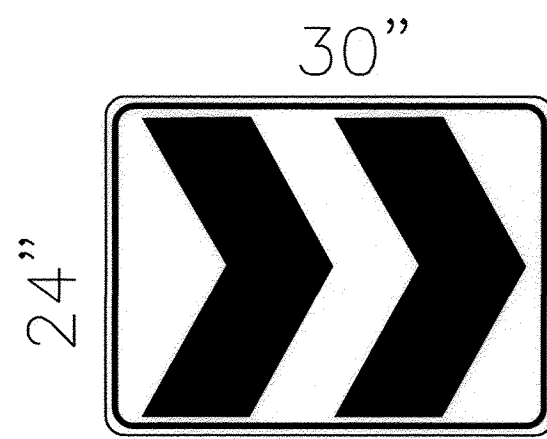
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: SUNSET / OSAGE INTERSECTION PERMANENT SIGNING			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED SEP 21 2011 DESIGN REVIEW COMMITTEE	APPROVED SEP 21 2011 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7877.82	K12	C13	15



R-2-36
R/W



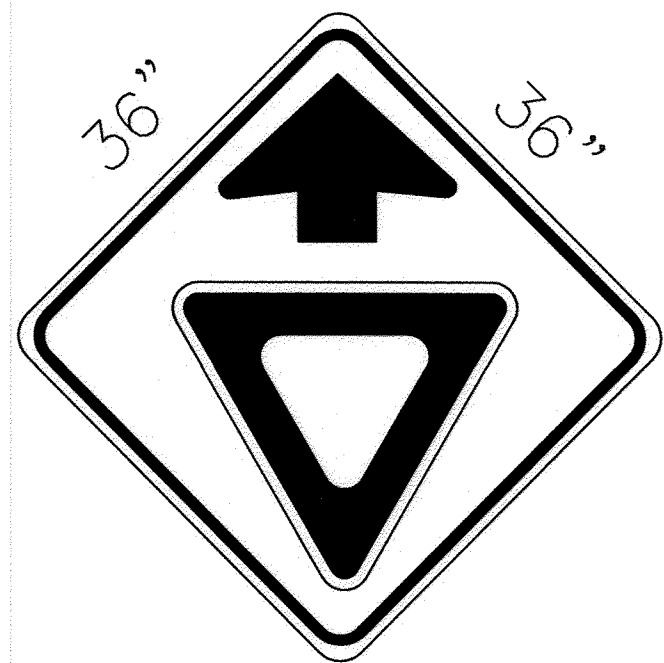
W2-6-36
B/Y



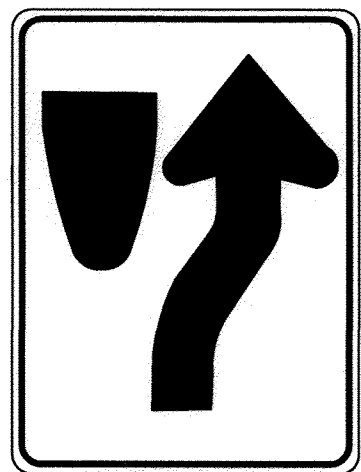
R6-4-30
B/Y

OSAGE AVE. ↗

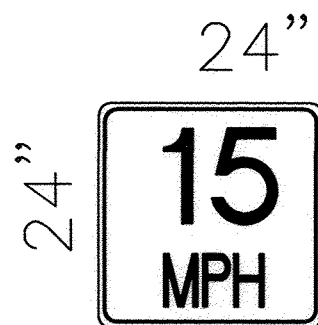
D3-1b



W3-2-36
B-R-W/FY



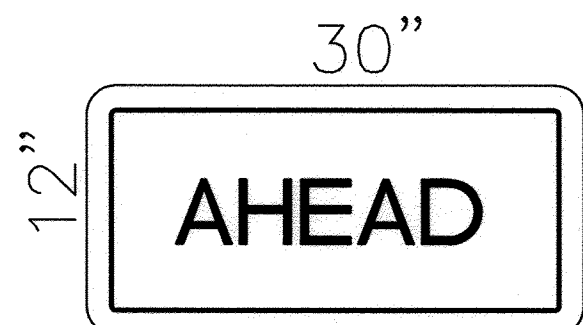
R4-7-24
B/W



W13-1
B/W

SUNSET ROAD ↗

D3-1b



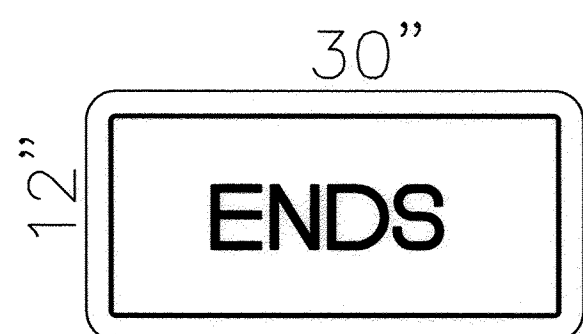
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B/W



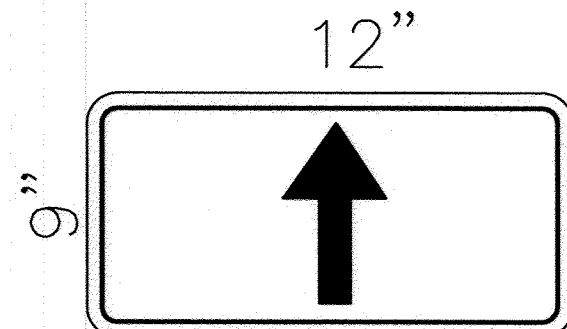
W11-2R-36
B/FY-G



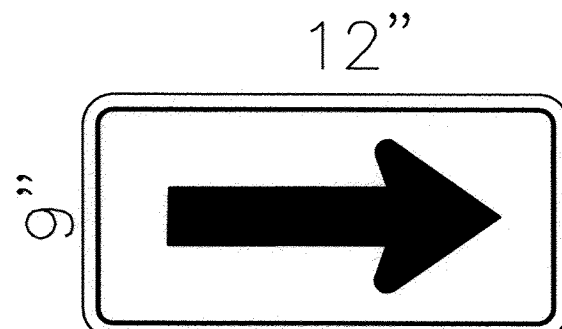
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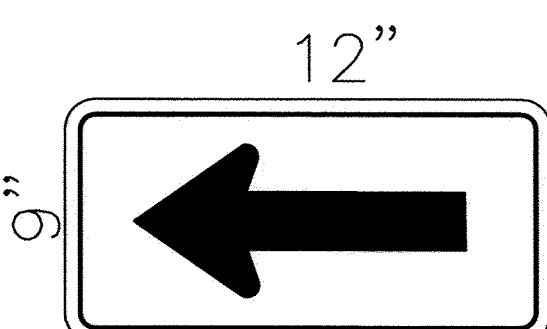
R3-17b-30
B/W



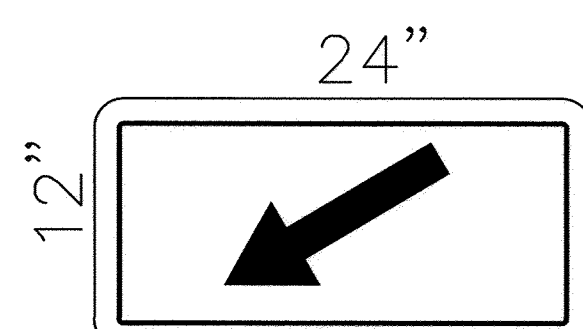
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W/G



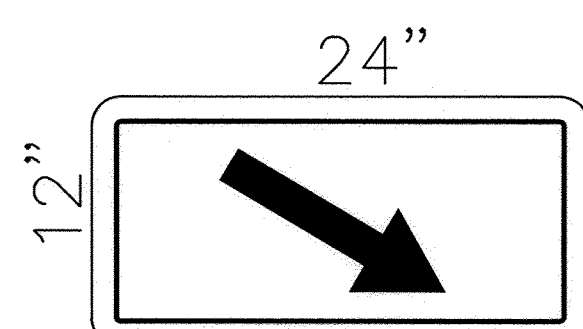
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W/G



M7-1L-12
W/G



W16-7PR-24
B/FY-G



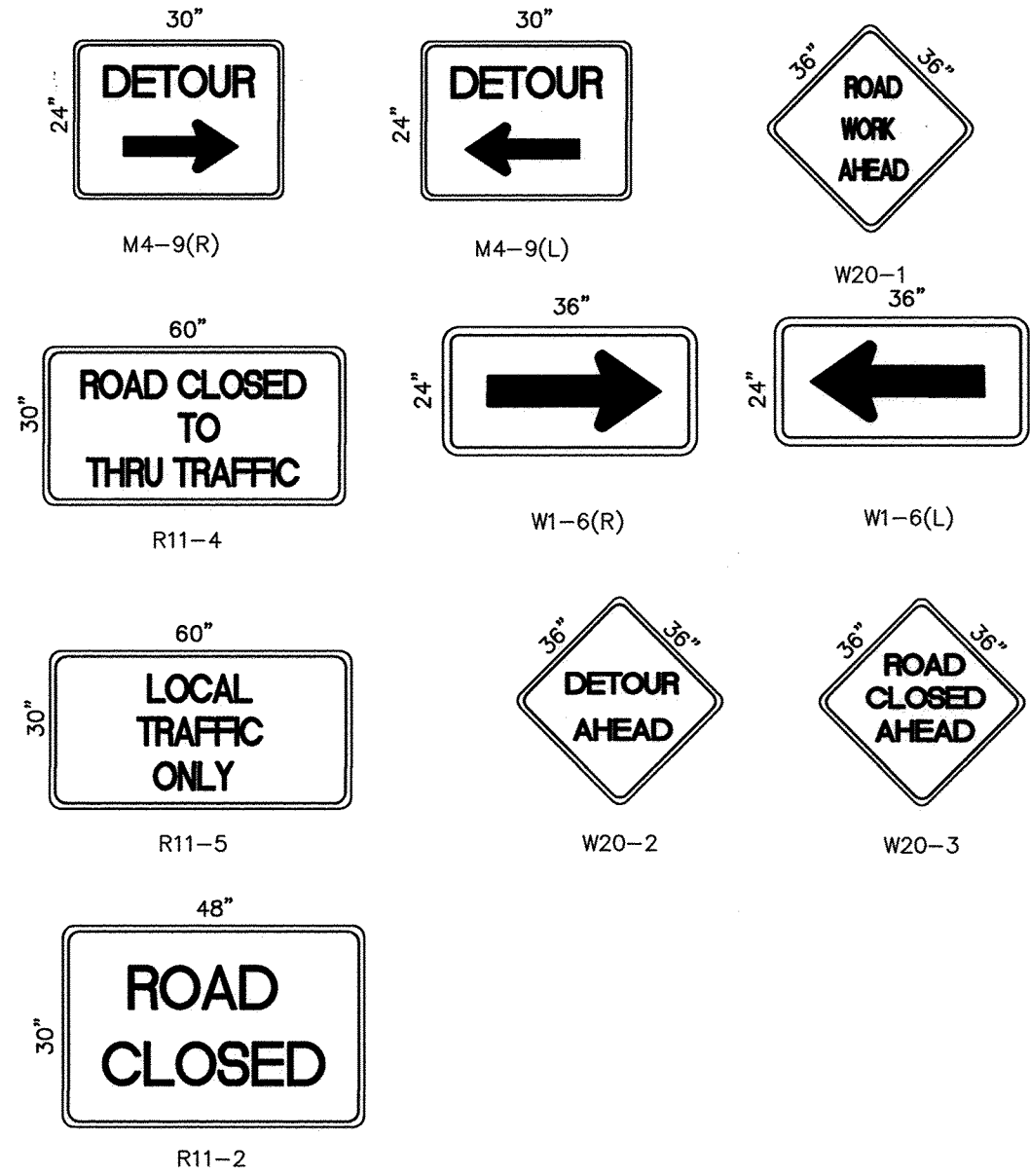
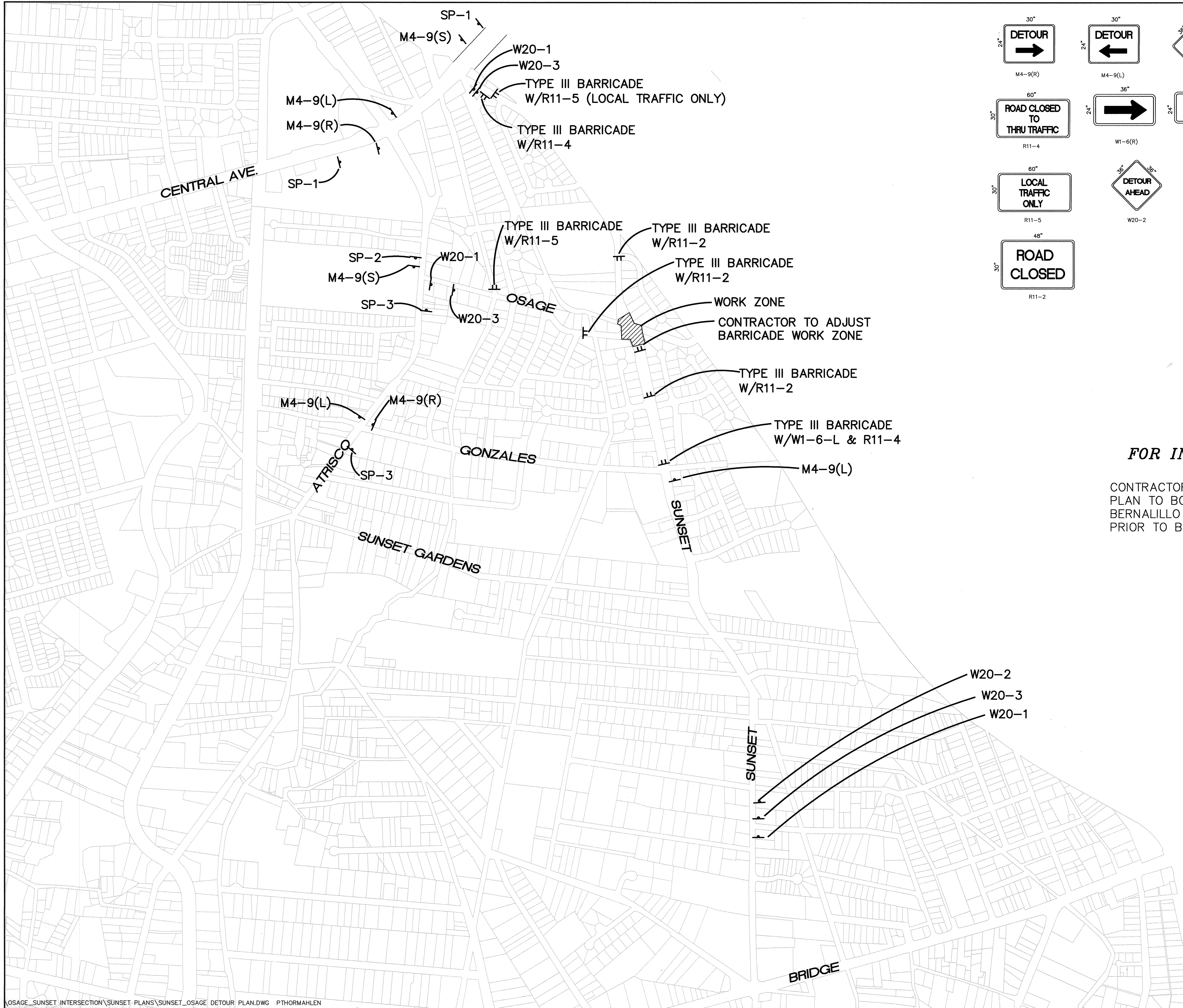
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B/FY-G

NOT TO SCALE

SURVEY INFORMATION		BENCHMARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	SEE PLAN AND PROFILE SHEETS	CONTRACTOR	DATE	
	BY		INSPECTOR'S	DATE	
			ADJUSTED BY	DATE	
			VERIFICATION BY	DATE	
			DESIGNED BY	DATE	
			CONSTRUCTED BY	DATE	
			MICRO-FILM INFORMATION		
			RECORDED BY	DATE	
			NO.		



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: SUNSET / OSAGE INTERSECTION PERMANENT SIGN FACE DETAILS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE SEP 21 2011 DESIGN REVIEW COMMITTEE	APPROVE SEP 21 2011 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7877.82	K12	C14	15



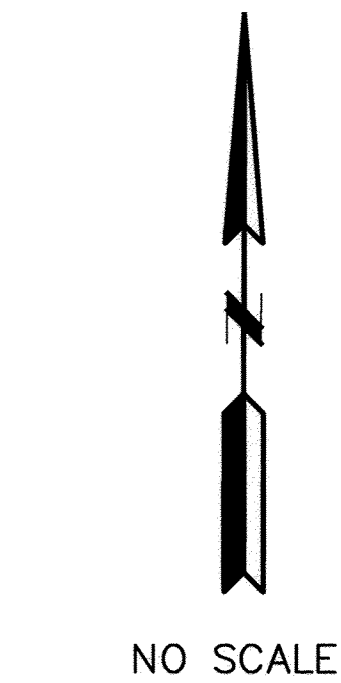
SUNSET ROAD
CLOSED AT OSAGE AVE.
FOLLOW DETOUR

OSAGE AVE
CLOSED AT SUNSET
ROAD FOLLOW DETOUR

OSAGE AVE
CLOSED AT SUNSET
ROAD SEEK
ALTERNATE ROUTE

FOR INFORMATION ONLY

CONTRACTOR TO SUBMIT TRAFFIC CONTROL
PLAN TO BOTH CITY OF ALBUQUERQUE AND
BERNALILLO COUNTY TRAFFIC ENGINEER
PRIOR TO BARRICADE PERMIT ISSUANCE.



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: SUNSET / OSAGE INTERSECTION DETOUR PLAN			
Design Review Committee APPROVE SEP 21 2011 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE SEP 21 2011 CITY ENGINEER	Mo./Day/Yr. 	Mo./Day/Yr.
City Project No. 7877.82	Zone Map No. K12	Sheet C15	Of 15

AS BUILT INFORMATION		BENCHMARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE			FIELD NOTES			
WORKED BY	DATE			BY			
INSPECTED BY	DATE			NO.			
ACCEPTANCE BY	DATE						
VERIFICATION BY	DATE						
DRAWING	DATE						
COMMENTS	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							