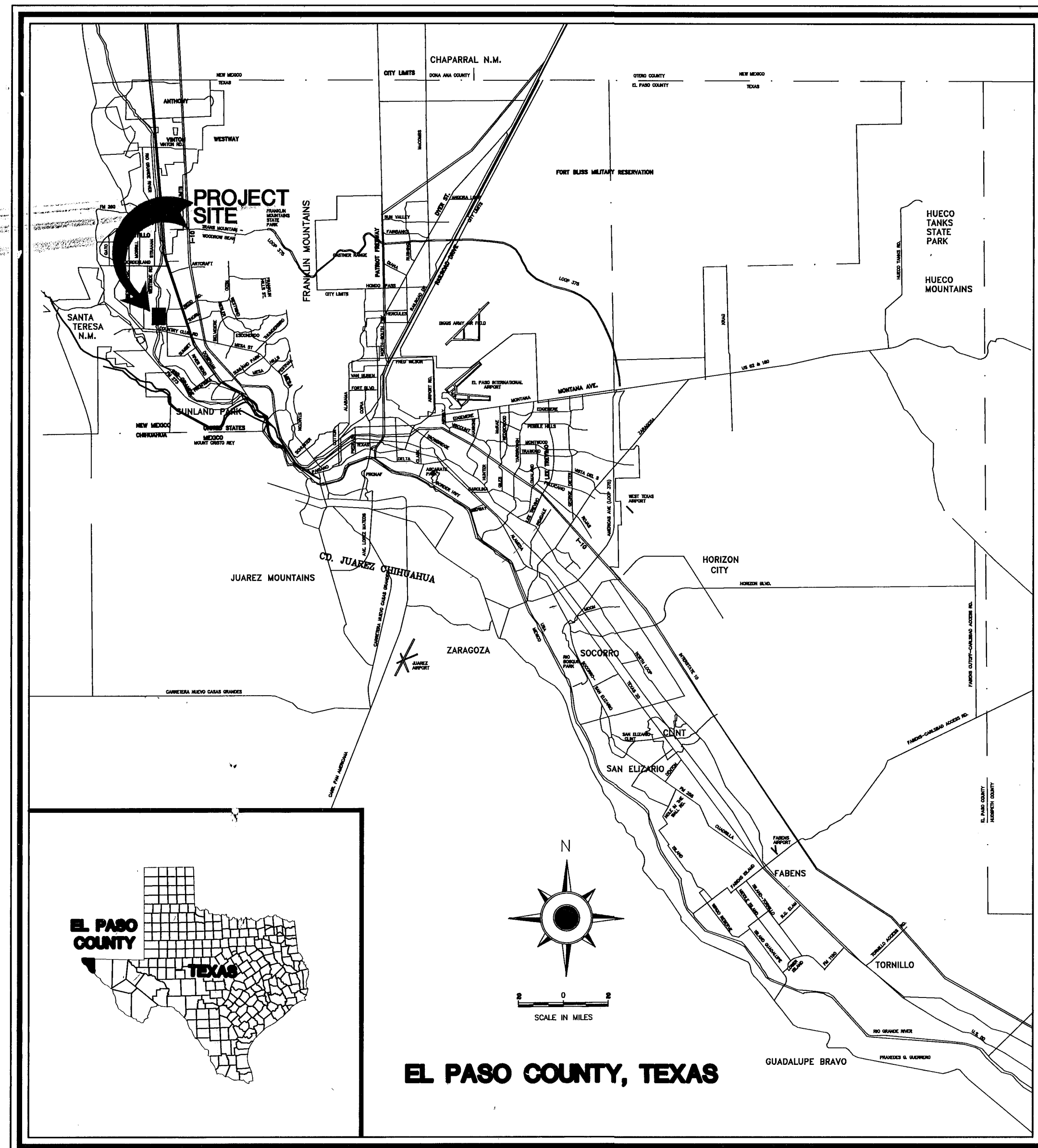


LOS NOGALES ACRES

REPLAT C

STREET IMPROVEMENT PACKAGE

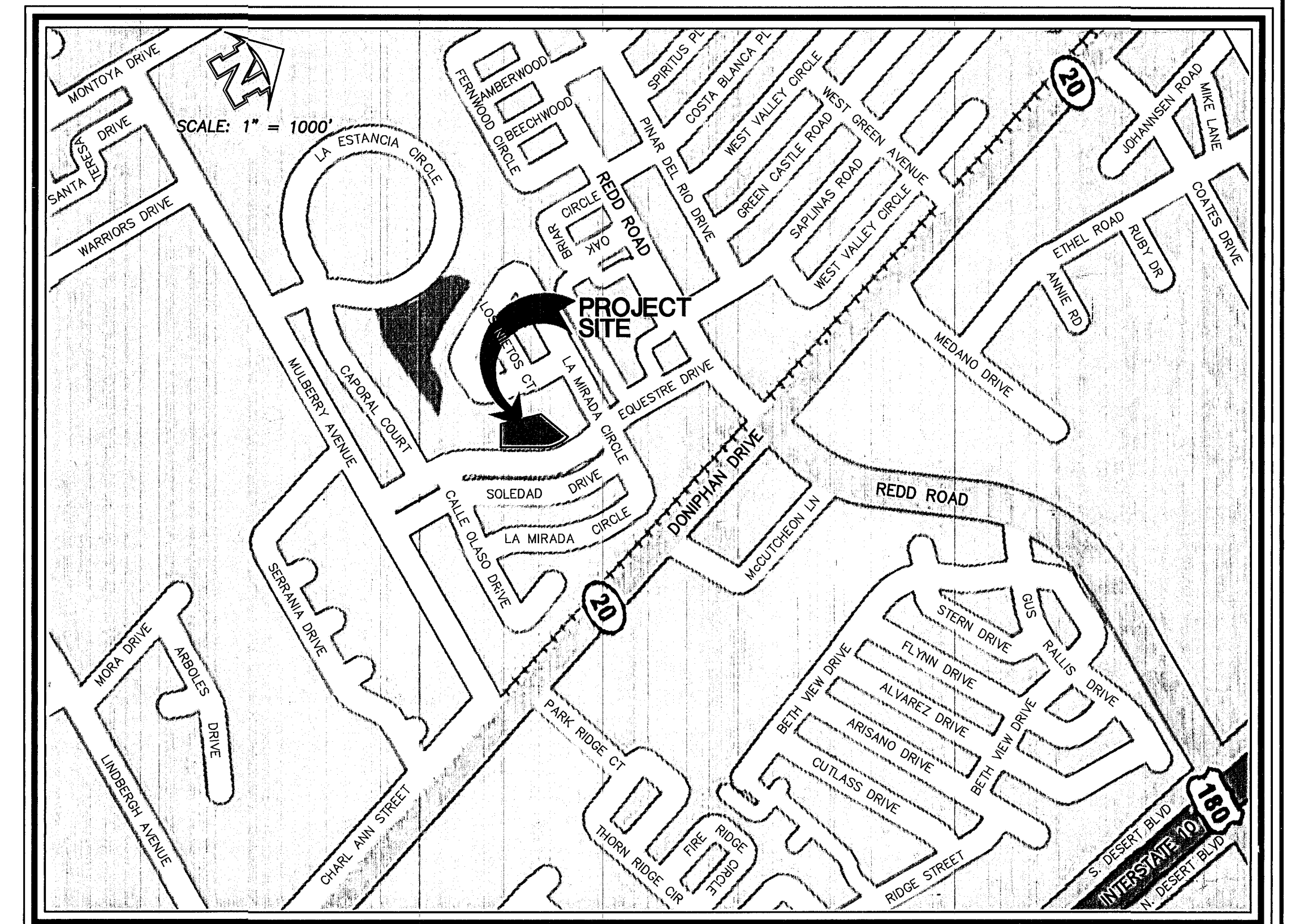
VICINITY MAP



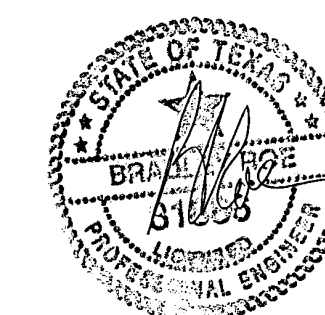
INDEX OF SHEETS

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LOCATION MAP



OWNER / DEVELOPER
 WILLIAM RICHARDS
 7244B ROYAL ARMS DRIVE,
 EL PASO, TEXAS 79912
 (915) 585-2021



Proe Engineering, L.C.
 801 N. Cotton St. Suite No.8 El Paso, Tx, 79902
 (915) 533-1418 FAX: (915) 533-4972
 e-mail: roeeng@swbell.net
 ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

AS-BUILT
 NOVEMBER 1, 2007

600 775

LOS NOGALES ACRES REPLAT C

BEING A PORTION OF TRACT "A", LOS NOGALES ACRES,
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CONTAINING IN ALL 150,614.12 SQUARE FEET
OR 3.4576 ACRES MORE OR LESS

DEDICATION

STATE OF TEXAS
COUNTY OF EL PASO

WILLIAM RICHARDS, PROPERTY OWNER OF THIS LAND HEREBY PRESENTS THIS MAP AND DEDICATES TO THE USE OF THE PUBLIC THE STREET (DOUGALLAN LANE), UTILITY EASEMENTS AS HEREON LAID DOWN AND DESIGNATED, INCLUDING EASEMENTS FOR OVERHANG OF SERVICE WIRES FOR POLE TYPE UTILITIES, AND BURIED SERVICE WIRES CONDUITS AND PIPES FOR UNDERGROUND UTILITIES AND THE RIGHT TO INGRESS AND EGRESS FOR SERVICE AND CONSTRUCTION AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS.

WILLIAM J. RICHARDS
WILLIAM RICHARDS, OWNER

ACKNOWLEDGEMENT

STATE OF TEXAS
COUNTY OF EL PASO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED WILLIAM RICHARDS, OWNER; KNOWN BY ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL THIS 7 DAY OF NOVEMBER, 2006 A.D.

LILIA M. BUENO
NOTARY PUBLIC IN AND FOR EL PASO COUNTY, TEXAS
MY COMMISSION EXPIRES 7/31/08

CITY PLAN COMMISSION

THIS SUBDIVISION IS HEREBY APPROVED AS TO THE PLATTING AND AS TO THE CONDITIONS OF THE DEDICATION IN ACCORDANCE WITH CHAPTER 212 OF THE LOCAL GOVERNMENT CODE OF TEXAS THIS DAY OF 18 MAY 2006 A.D.

SECRETARY **FRED LOPEZ** CHAIRPERSON **GUS HADDAD**

APPROVED FOR FILING THIS 17th DAY OF NOVEMBER, 2006 A.D.

ALAN R. SHUBERT
DEVELOPMENT SERVICES DIRECTOR

FILING

FILED AND RECORDED IN THE OFFICE OF THE COUNTY CLERK OF EL PASO COUNTY, TEXAS THIS 2nd DAY OF MARCH, 2007 A.D. IN VOLUME _____ OF THE PLAT RECORDS, PAGE _____ INSTRUMENT No. 20070019749

COUNTY CLERK **DELIA BRIONES** BY DEPUTY **CYNTHIA MONTES**

I HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND IS IN COMPLIANCE WITH THE CURRENT TEXAS BOARD OF PROFESSIONAL LAND SURVEYING, PROFESSIONAL AND TECHNICAL STANDARDS, REGISTERED PUBLIC LAND SURVEYOR No. 2449

BRADLEY ROE
BRADLEY ROE, R.P.L.S. 2449

PREPARED BY AND UNDER THE SUPERVISION OF BRADLEY ROE, REGISTERED PROFESSIONAL ENGINEER No. 31886

BRADLEY ROE
BRADLEY ROE, P.E. 31886

RESTRICTIVE CONVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEEDS AND RECORDS SECTION, INSTRUMENT No. 20070019751, BOOK _____, PAGE _____ DATE 3/2/2007

*TAX CERTIFICATE(S) FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORDS SECTION, INSTRUMENT No. 20070019750, BOOK _____, PAGE _____, DATE 3/2/2007

NOTES:

- SUBDIVISION TO BE SERVICED BY THE U.S. POSTAL SERVICE, ANY ALTERNATE AND/OR ADDITIONAL NODBU LOCATION IS TO BE COORDINATED WITH THE GROWTH MANAGEMENT DIVISION OF THE U.S. POSTAL SERVICE.
- SIDEWALKS FOR ALL STREETS WITHIN AND ABUTTING THIS SUBDIVISION WILL BE PROVIDED BY THE BUILDER/CONTRACTOR.
- VEHICULAR ACCESS TO LOTS 1, 9 THROUGH 15, BLOCK 12 ABUTTING EQUESTRE DRIVE SHALL BE FROM OTHER DEDICATED STREETS ONLY. THE INSTRUMENT ASSURING RELEASE OF ACCESS IS FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORDS SECTION, INSTRUMENT No. _____, BOOK _____, PAGE _____, DATE _____.
- ALL LOTS WITHIN THIS SUBDIVISION ARE SUBJECT TO ON-SITE PONDING OF STORM WATER AS PER SECTION 19.60.060 OF THE EL PASO MUNICIPAL CODE. THE TYPICAL STREET AND LOT DRAINAGE SECTION MUST BE ADHERED TO AND IS SHOWN ON THE DRAINAGE PLANS ON FILE IN THE CITY OF EL PASO ENGINEERING DEPARTMENT.

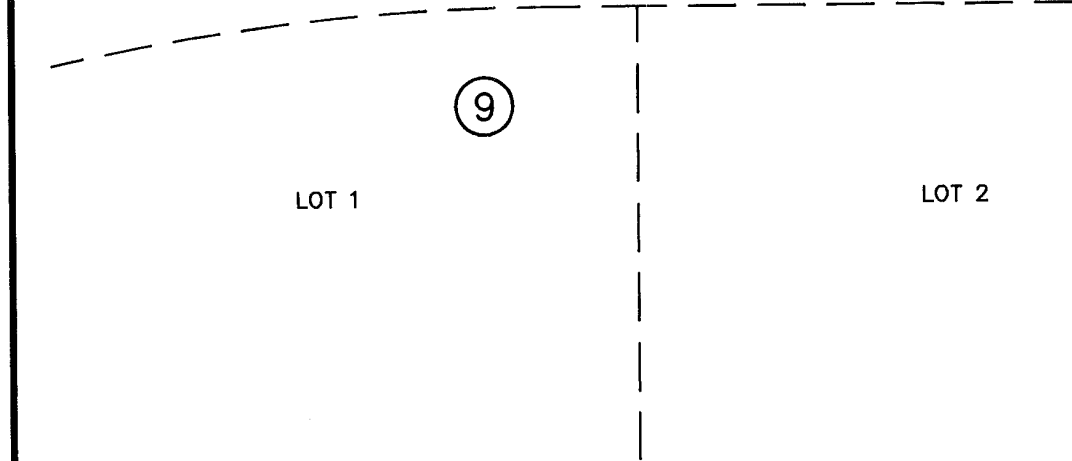
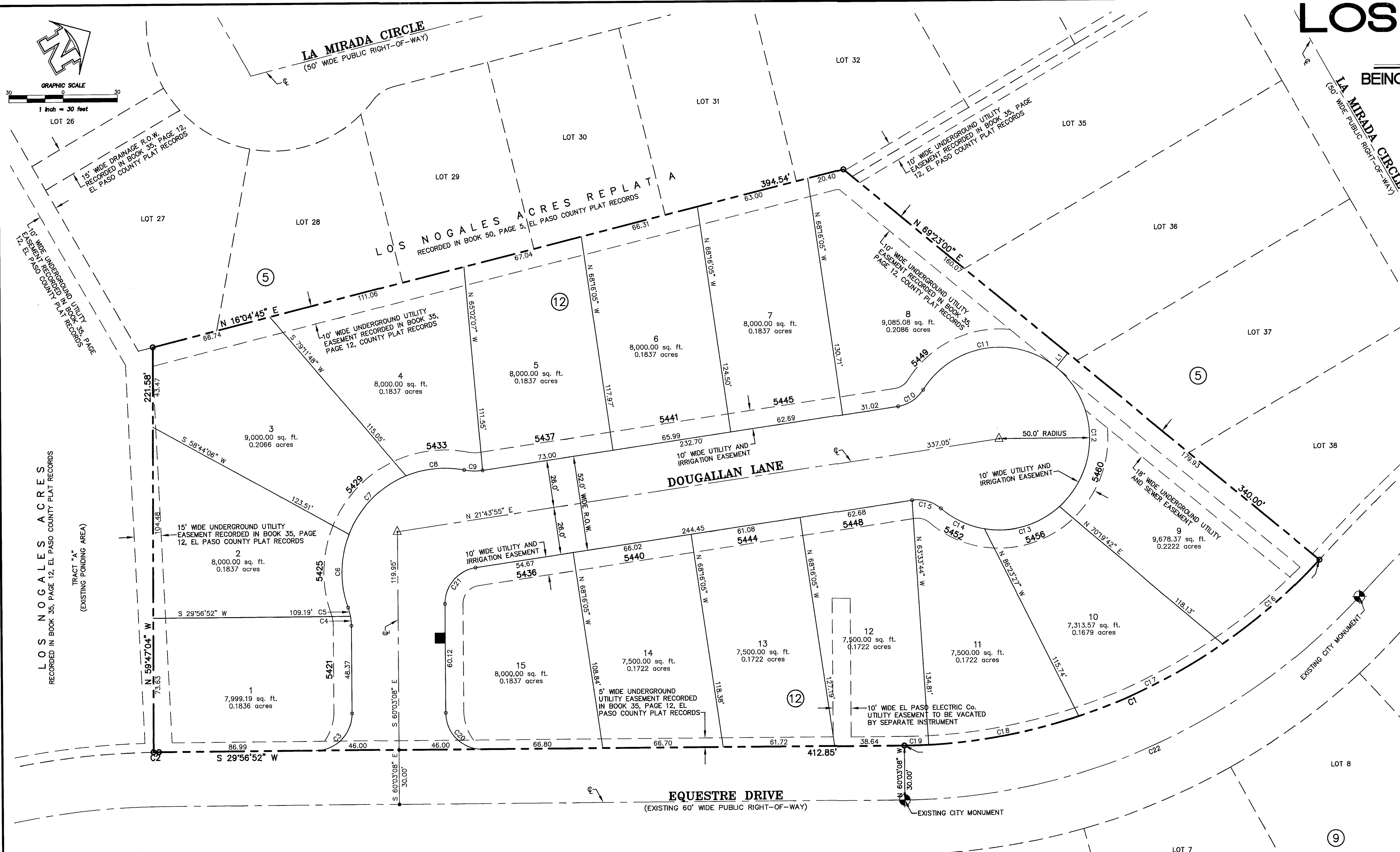
AS-BUILT
NOVEMBER 1, 2007

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Roe Engineering, L.C.
EL PASO, TX

****NOTE: ALL LOTS ARE SUBJECT TO ONSITE PONDING****

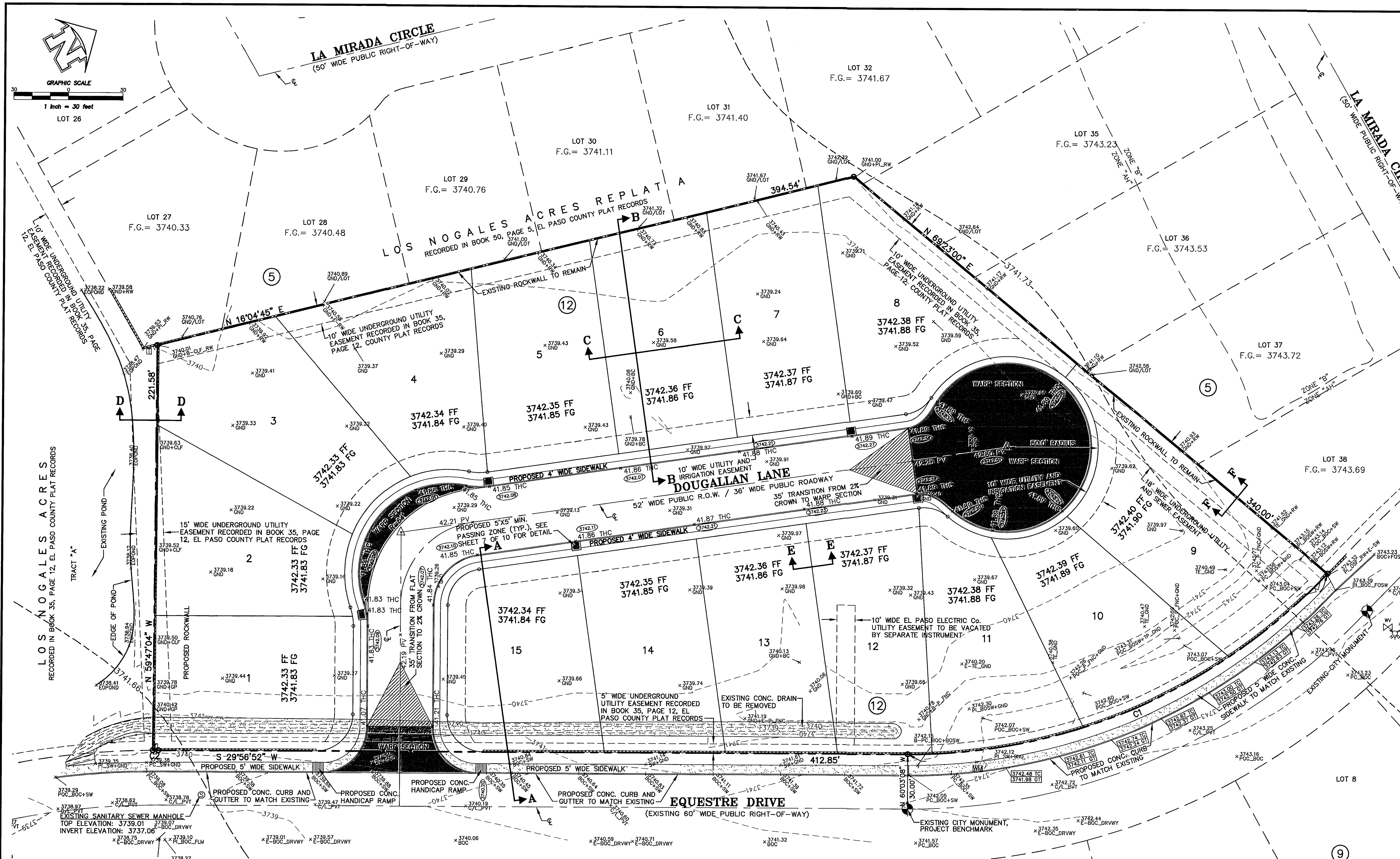
600 775



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	316.00	258.77	137.14	251.60	N 08°29'16" E	48°55'11"
C2	431.07	3.01	1.51	3.01	S 29°44'51" W	0°24'02"
C3	20.00	31.42	20.00	28.28	N 15°03'08" W	90°00'00"
C4	30.00	5.28	2.65	5.27	N 65°05'38" W	10°04'59"
C5	30.00	4.94	2.48	4.94	N 74°51'13" W	9°26'10"
C6	57.00	41.12	21.50	40.23	S 58°54'17" E	41°20'01"
C7	57.00	48.28	24.49	45.00	S 14°59'18" E	46°29'57"
C8	57.00	32.82	16.88	32.37	S 24°45'22" W	32°59'24"
C9	30.00	10.22	5.16	10.17	N 31°29'30" E	19°31'10"
C10	20.00	17.08	9.10	16.58	N 02°43'37" W	48°55'04"
C11	50.00	84.27	56.09	74.65	S 21°05'58" W	96°34'09"
C12	50.00	86.63	58.82	78.19	N 60°58'59" W	99°18'02"
C13	50.00	44.58	23.88	43.10	N 141°10'1" E	51°03'58"
C14	50.00	28.99	13.83	26.67	N 55°10'59" E	30°55'58"
C15	20.00	17.08	9.10	16.58	S 48°11'27" W	48°55'04"
C16	316.00	71.25	35.78	71.10	N 10°30'44" W	12°55'10"
C17	316.00	89.36	44.98	89.06	N 04°02'55" E	16°12'08"
C18	316.00	84.69	42.60	84.43	N 19°49'36" E	15°21'17"
C19	316.00	13.47	6.74	13.47	N 28°43'34" E	2°26'35"
C20	20.00	31.42	20.00	28.28	N 74°56'52" E	90°00'00"
C21	20.00	28.55	17.32	26.19	S 19°09'37" E	81°47'03"
C22	346.00	283.34	150.16	275.49	N 08°29'17" E	48°55'11"

LINE TABLE		
LINE	BEARING	LENGTH
L1	N 20°37'00" W	10.00'

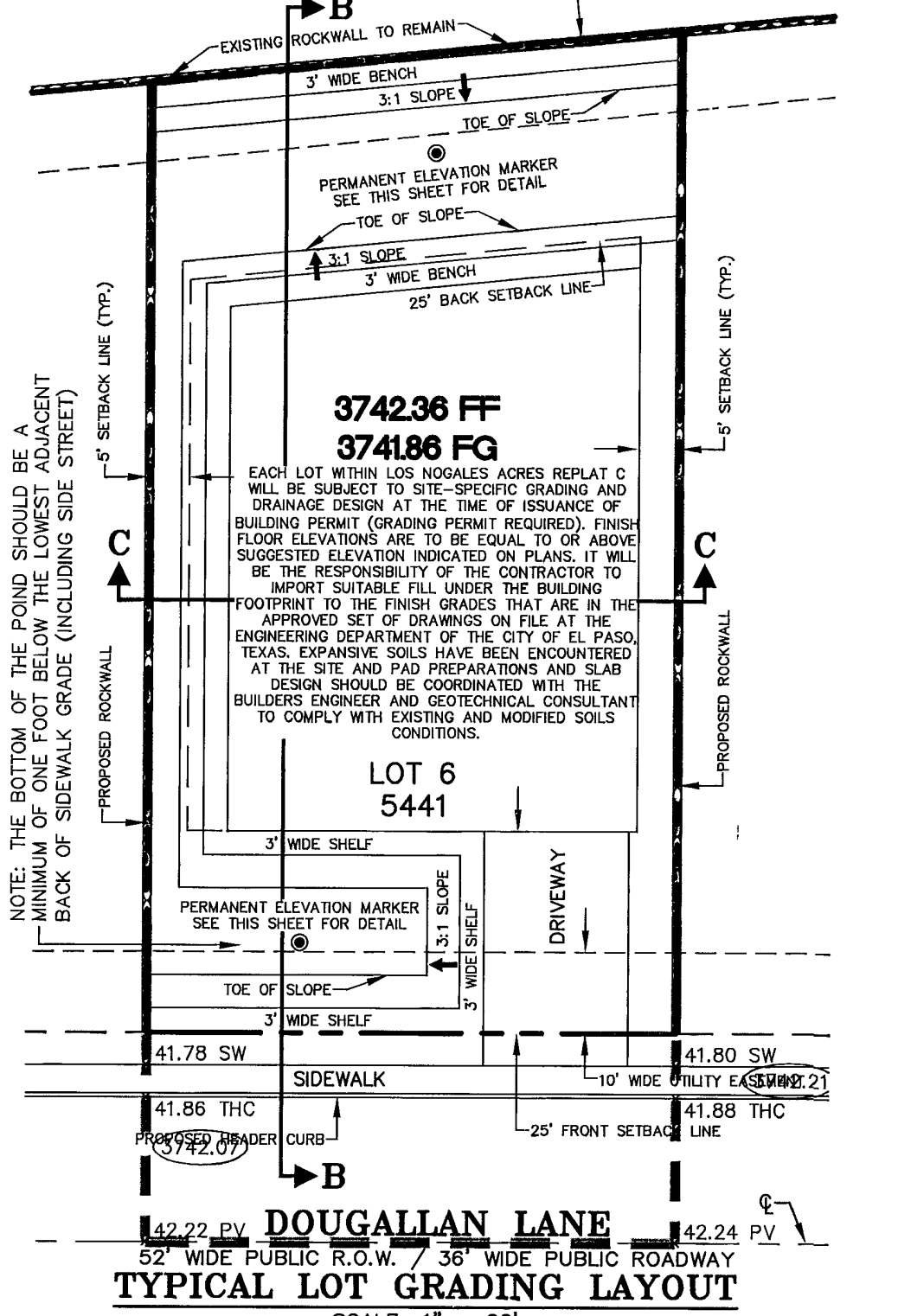
▲ PROPOSED CITY MONUMENT
 ● EXISTING CITY MONUMENT
 ■ PROPOSED NODBU (4' x 6' - 1 TOTAL)



- GENERAL NOTES:**
- SEE SHEET 10 OF 10 R DETAILS ON STORM WATER POLLUTION CONTROL PLAN.
 - ALL LOTS WITHIN THIS SUBDIVISION (LOS NOGALES ACRES REPLAT C) ARE SUBJECT TO ON-SITE PONDING OF STORM WATER AS PER SECTION 19.06.080 OF THE EL PASO MUNICIPAL CODE. THE TYPICAL STREET AND LOT DRAINAGE SECTION MUST BE ADHERED TO AND IS SHOWN ON THE DRAINAGE PLANS ON FILE IN THE CITY OF EL PASO ENGINEERING DEPARTMENT.
 - THE ABOVE REFERENCED PROPERTY IS WITHIN ZONE "A1" (EXPLANATION: AREA OF 100-YEAR FLOODING) ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAPS, AS PER AREAS COMMUNITY PANEL No. 480214 002D, DATED JANUARY 3, 1997.
 - DEVELOPER WILL COMPLY WITH SECTION 19.16050 STORM WATER DESIGN OF THE EL PASO MUNICIPAL CODE.
 - MAXIMUM STORAGE CAPACITY DEPTH SHALL NOT EXCEED ONE (1) FOOT.
 - ALL LOTS WITHIN LOS NOGALES ACRES REPLAT C WILL REQUIRE TWO (1 EACH) PERMANENT ELEVATION MARKERS TO BE PLACED AT THE LOWEST POINT OF FRONT AND BACK YARDS. TO BE INSTALLED BY BUILDER / CONTRACTOR AND COORDINATED WITH ENGINEER / SURVEYOR.
 - THE PERMANENT ELEVATION MARKERS SHALL BE PLACED AND INSTALLED BY THE BUILDER / CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
 - THE CITY SHALL BE GRANTED PERMANENT RIGHT OF ACCESS TO INSPECT THE LOT ELEVATION AND THE PERMANENT ELEVATION MARKERS.
 - NO PERSON SHALL BE PERMITTED TO IMPAIR THE FUNCTIONALITY OF A RESIDENTIAL ON-SITE POND. NO MORE THAN FIFTY (50) PERCENT OF THE LOT AREA OF ANY RESIDENTIAL LOT COVERED BY DEED SHALL BE COVERED BY IMPROVEMENTS, EITHER TEMPORARY OR PERMANENT, WHICH SHED STORM WATER, INCLUDING BUT NOT LIMITED TO, BUILDINGS, DRIVEWAYS, PATIOS OR LANDSCAPING UNDER LAID WITH PLASTIC SHEETING OR OTHER IMPERMEABLE MATERIAL.
 - ANY FUTURE GRADING RELATED TO NEW EXPANSION OR RENOVATION OF HOME IMPROVEMENTS WITHIN THIS APPROVED DEVELOPMENT SHALL BE REVIEWED AND APPROVED BY BUILDING SERVICES AND MUST COMPLY WITH ITEMS OUTLINED IN SECTION 19.16.060 RESIDENTIAL ONSITE PONDING OF THE CITY OF EL PASO SUBDIVISION DESIGN ORDINANCE.
 - ALL DRIVEWAYS SHALL NOT EXCEED -2% (NEGATIVE) WITHIN THE STREET RIGHT-OF-WAY.
 - EACH LOT WITHIN LOS NOGALES ACRES REPLAT C WILL BE SUBJECT TO SITE-SPECIFIC GRADING AND DRAINAGE DESIGN AT THE TIME OF ISSUANCE OF BUILDING PERMIT (GRADING PERMIT REQUIRED). FINISH FLOOR ELEVATIONS ARE TO BE EQUAL OR ABOVE SUGGESTED ELEVATION INDICATED ON PLANS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMPORT SUITABLE FILL UNDER THE BUILDING FOOTPRINT TO THE FINISH GRADES THAT ARE IN THE APPROVED SET OF DRAWINGS ON FILE AT THE ENGINEERING DEPARTMENT OF THE CITY OF EL PASO, TEXAS. EXPANSIVE SOILS HAVE BEEN ENCOUNTERED AT THE SITE AND PAD PREPARATION AND SLAB DESIGN SHOULD BE COORDINATED WITH THE BUILDERS ENGINEER AND GEOTECHNICAL CONSULTANT TO COMPLY WITH EXISTING AND MODIFIED SOILS CONDITIONS.

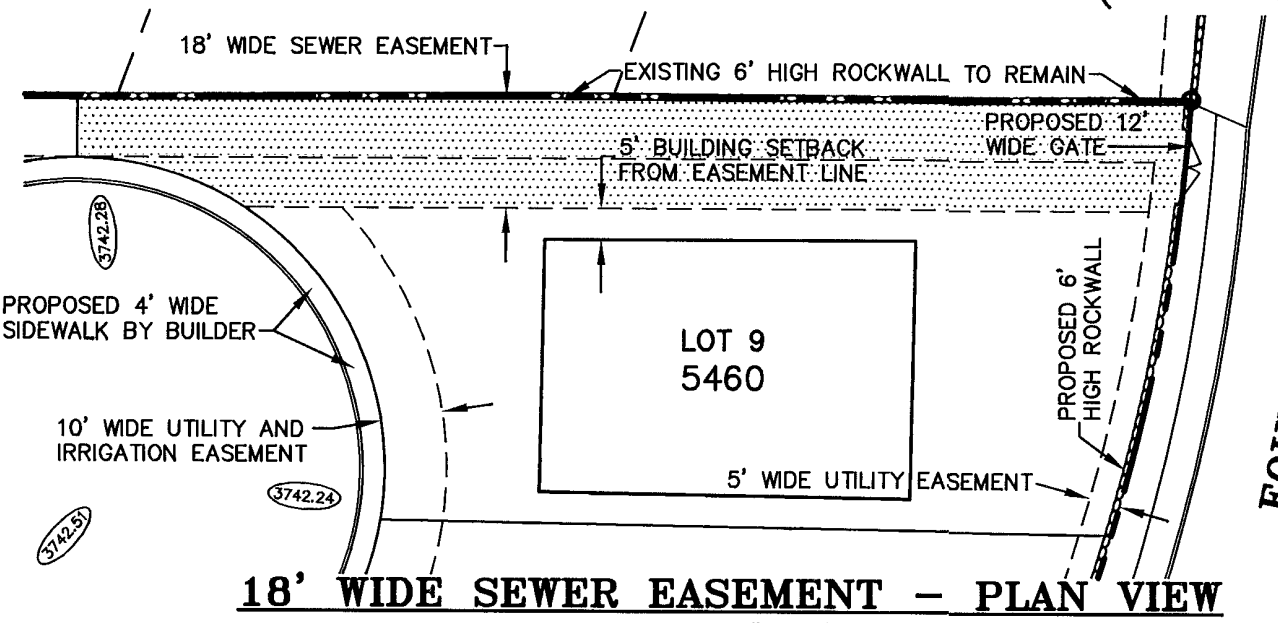
- GENERAL GRADING NOTES:**
- THIS GRADING PLAN SHALL BE COORDINATED WITH OTHER APPLICABLE CONSTRUCTION DRAWINGS FOR DIMENSIONS AND LAYOUT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING IMPROVEMENTS IN THE PROJECT AREA AND ITS VICINITY. ANY DAMAGES RESULTING FROM CONTRACTOR'S CONSTRUCTION WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL CONTACT "DIG TESS" FOR FIELD LOCATION PRIOR TO COMMENCING WORK. ANY DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY OWNER BY THE CONTRACTOR.

- THE FOLLOWING NOTES (4-11) IS FOR THE CONSTRUCTION OF STREETS ONLY.
- FILL MATERIALS FOR SITE GRADING AND BACKFILL MATERIALS MAY CONSIST OF ON-SITE AND/OR IMPORTED MATERIALS IN COMPLIANCE WITH THE FOLLOWING SPECIFICATIONS.
 - FILL MATERIALS FOR SITE GRADING AND BACKFILL MATERIALS SHALL BE FREE OF ANY ORGANIC OR DELETERIOUS SUBSTANCE AND SHALL NOT CONTAIN ROCKS OR LUMPS OVER 4 INCHES IN GREATEST DIMENSION.
 - FILL MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM D-2487. SOILS WILL BE CONSIDERED SATISFACTORY FOR FILL MATERIAL WHEN CLASSIFIED AS FOLLOWS: GW, GP, GC, GM, GC-GM, GP-GC, SW, SP, SC, SM, SC-SM, SP-SM, SP-SC. SOILS WILL BE CONSIDERED UNSATISFACTORY FOR FILL MATERIAL WHEN CLASSIFIED AS FOLLOWS: PT, OL, OH, ML, CL, CH OR WHERE THE PLASTICITY INDEX EXCEEDS 12.
 - THE SURFACE ON WHICH FILL MATERIAL IS TO BE PLACED SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES. WATERED TO ADD THE AMOUNT OF MOISTURE REQUIRED FOR OPTIMUM COMPACTION, AND THEN COMPACTED TO THE REQUIRED DENSITY. FILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES IN DEPTH AND THEN COMPACTED. MOISTURE CONTENT OF FILL MATERIALS SHALL BE UNIFORM AND WITHIN PLUS OR MINUS TWO PERCENT OF THE OPTIMUM VALUE AS DETERMINED BY ASTM D-1557.
 - EACH LIFT OF FILL SHALL BE COMPACTED TO 95 PERCENT (85 PERCENT ON SLOPE ONLY) OF MAXIMUM DENSITY. MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D-1557 FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D-1556 OR D-2922.
 - CONTRACTOR SHALL WATER DOWN GRADING AREA DAILY (MINIMUM, 30 AS) TO LIMIT THE DISTRIBUTION OF DUST FROM THE WORK SITE IN COMPLIANCE WITH THE CITY APPROVED GRADING ORDINANCE.
 - CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO ANY EXCAVATION AND/OR POSSIBLE RELOCATION OF UTILITIES ENCOUNTERED.
 - CONTRACTOR SHALL COMPLY WITH SECTION 13.08.170 OF THE EL PASO MUNICIPAL CODE "EXCESSIVE PAVING CUTS"
 - ELEVATION CERTIFICATE REQUIRED FOR EACH LOT AT TIME OF BUILDING PERMIT ISSUANCE.



****NOTE: ALL LOTS ARE SUBJECT TO ONSITE PONDING****
100-YEAR BASE FLOOD ELEVATION: FROM 3741.66 TO 3741.73 (CITY DATUM)

- NOTE:**
- 12' WIDE GATE MINIMUM.
 - GATE IS TO BE INSTALLED ON THE PROPOSED ROCKWALL ALONG EQUESTRE DRIVE.
 - CHAT, DRIVEWAY OR LANDSCAPING ONLY WITHIN THE 18' FOOT WIDE EASEMENT. ANY REMOVAL THAT IS REQUIRED FOR REPAIR OF THE SEWER LINE TO BE REPLACED AT OWNERS EXPENSE AND WILL BE DEFINED IN THE PROTECTIVE COVENANTS.
 - NO OVERHANG OVER EASEMENT AND A MINIMUM OF 5' SETBACK FROM EASEMENT.



WARNING! BEFORE YOU DIG
 TEXAS LAW REQUIRES TWO (2) WORKING DAYS NOTICE PRIOR TO ANY EXCAVATION

CALL TEXAS EXCAVATION SAFETY SYSTEM ANYWHERE IN TEXAS 1-800-344-8377
 TEXAS EXCAVATION SAFETY SYSTEM DIG CONFIRMATION NUMBER (# _____) TO BE UPDATED EVERY 10 DAYS

UTILITY COMPANIES

- TEXAS GAS SERVICE: 4700 POLLARD STREET, EL PASO, TEXAS 79930, EMERGENCY 562-2003 (GAS)
- SOUTHWESTERN BELL TELEPHONE: 11200 PELLICANO DRIVE, EL PASO, TEXAS 79935, 828-5127 (TELEPHONE)
- EL PASO PUBLIC SERVICE BOARD: 1154 HAWKINS BOULEVARD, EL PASO, TEXAS 79925, MR. ALFONSO ORTIZ 594-5527 (WATER, SEWER)
- TIME WARNER COMMUNICATIONS: 7010 AIRPORT ROAD, EL PASO, TEXAS 79906, 775-7414 (CABLE)
- EL PASO ELECTRIC COMPANY: 501 WEST SAN ANTONIO STREET, EL PASO, TEXAS 79901, MR. PAT KEITH, 543-2917 (ELECTRIC)

AS-BUILT
 NOVEMBER 1, 2007

TYPICAL PERMANENT ELEVATION MARKER
 SCALE: 1" = 1'

VERTICAL REFERENCE BENCHMARK:
 BASIS OF ELEVATION IS NAVD 88 BASED ON N.G.S. MONUMENT 4 REB - 1979 LOCATED ON THE WEST RIGHT-OF-WAY OF DONIPHAN DRIVE (ELEVATION= 3753.53 NAVD 88). CONVERSION FROM NAVD 88 TO EL PASO CITY DATUM AS PER FIELD CONDITIONS IS A PROJECT-SPECIFIC CONSTANT OF -7.84 FROM NAVD88 TO CITY DATUM.

DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: 1"=30' VER: N/A FILE NAME: 03-5-GR.DWG W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD BY: H.P. APPD BY: B.R.	BRADLEY ROES, P.E. 31886

LOS NOGALES ACRES REPLAT C

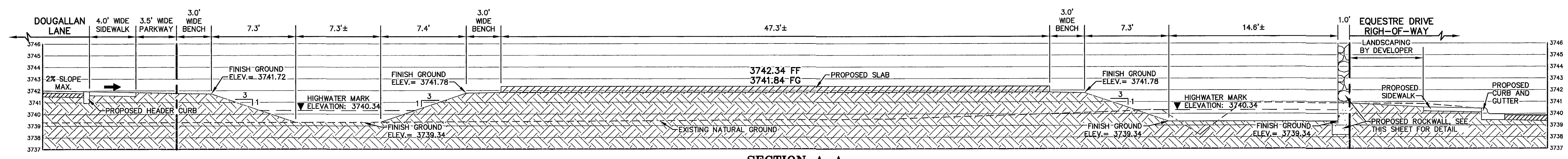
GRADING PLAN

SHEET 3 OF 10

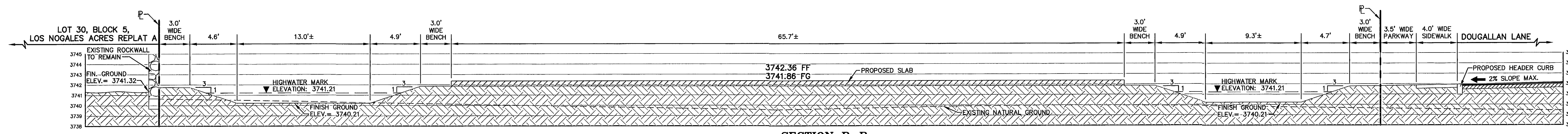
Roe Engineering, L.C.
 801 N. Cotton St. Suite No. 6 El Paso, TX 79902
 (915) 533-1418 FAX: (915) 533-4972
 EMAIL: roeeng@roebell.net
 ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

600 775

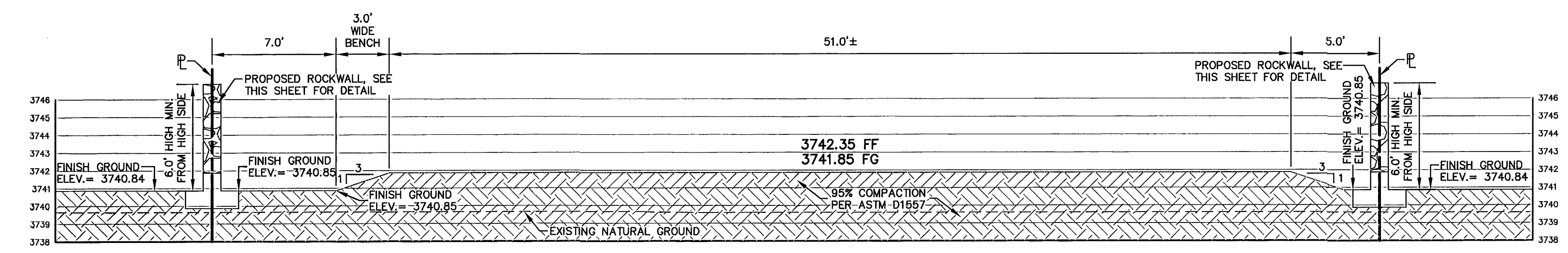
****PARKWAYS ON ALL DOUBLE FRONTAGE LOTS SHALL BE LANDSCAPED BY DEVELOPER****



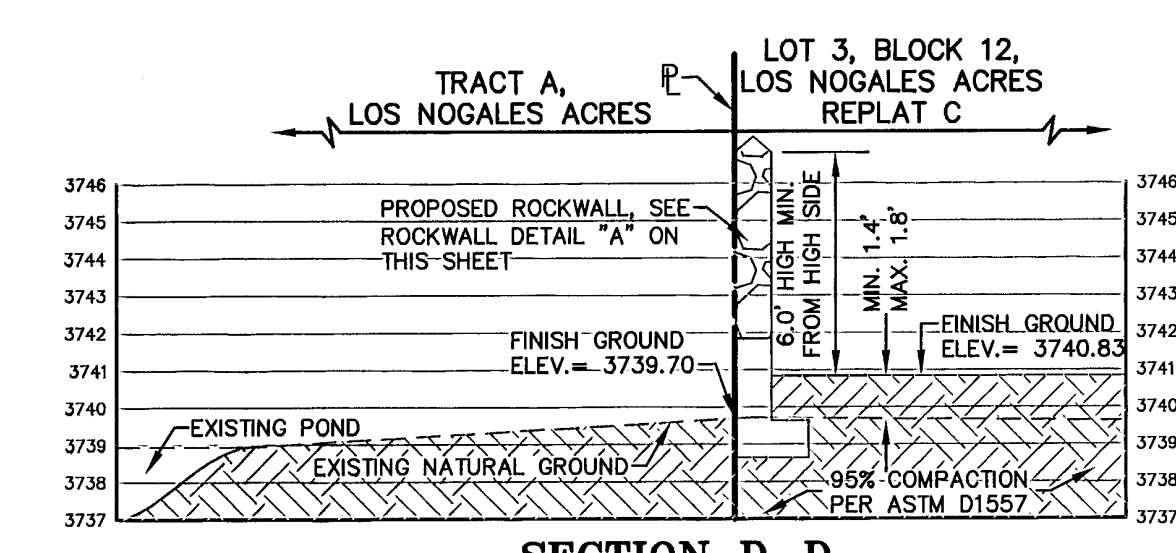
SECTION A-A
SCALE: 1" = 5'



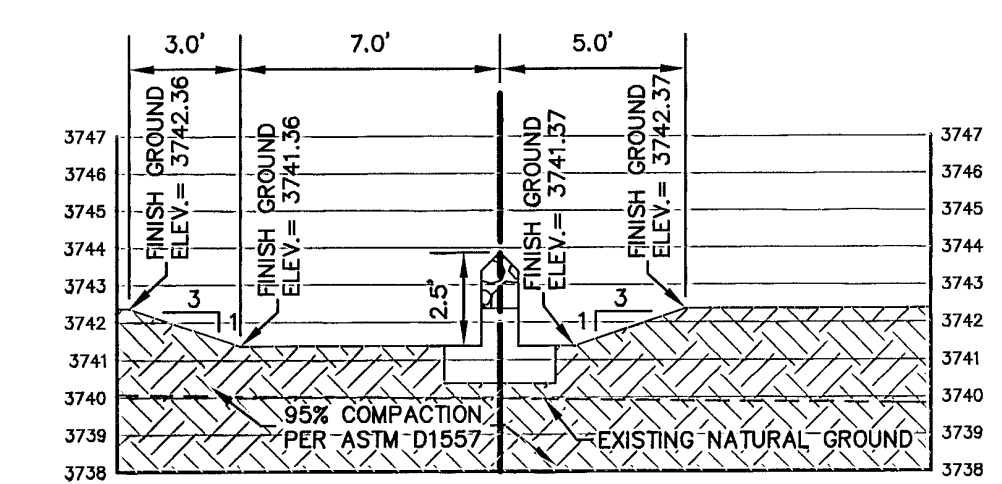
SECTION B-B
SCALE: 1" = 5'



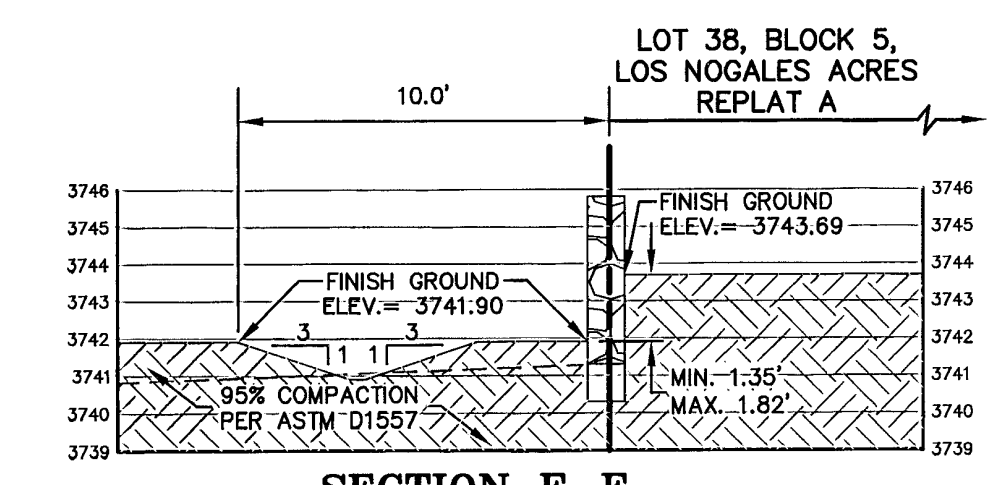
SECTION C-C
SCALE: 1" = 5'



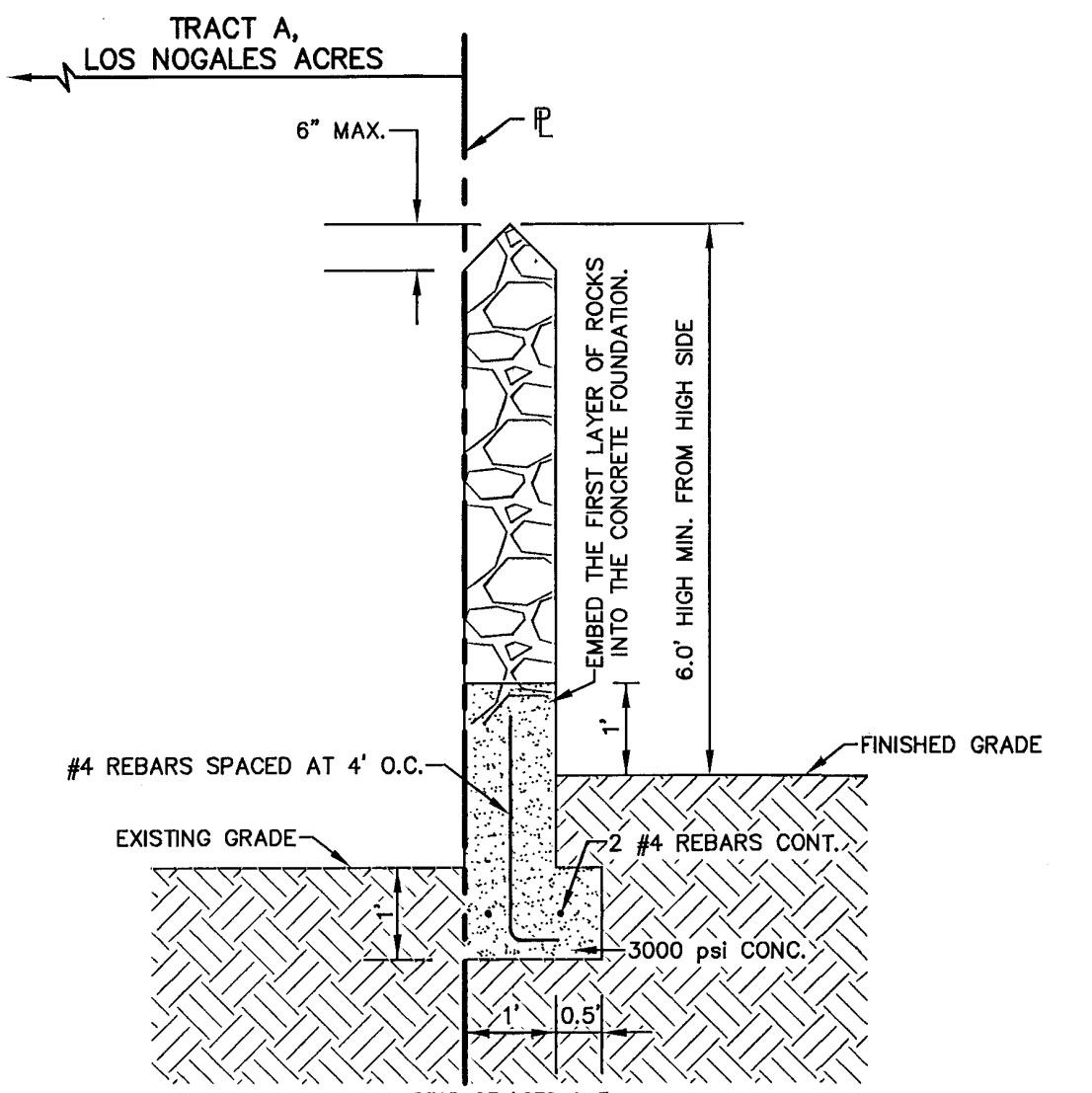
SECTION D-D
SCALE: 1" = 5'



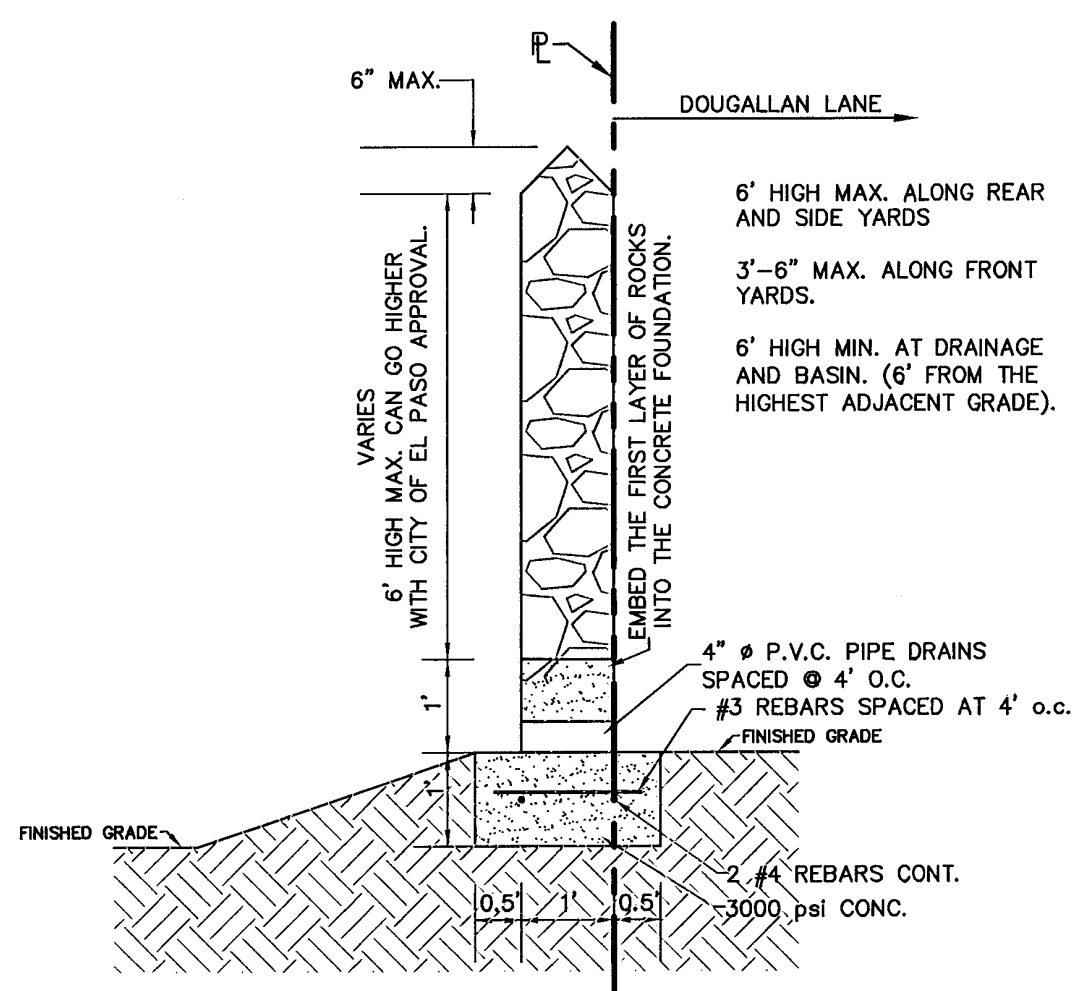
SECTION E-E
SCALE: 1" = 5'



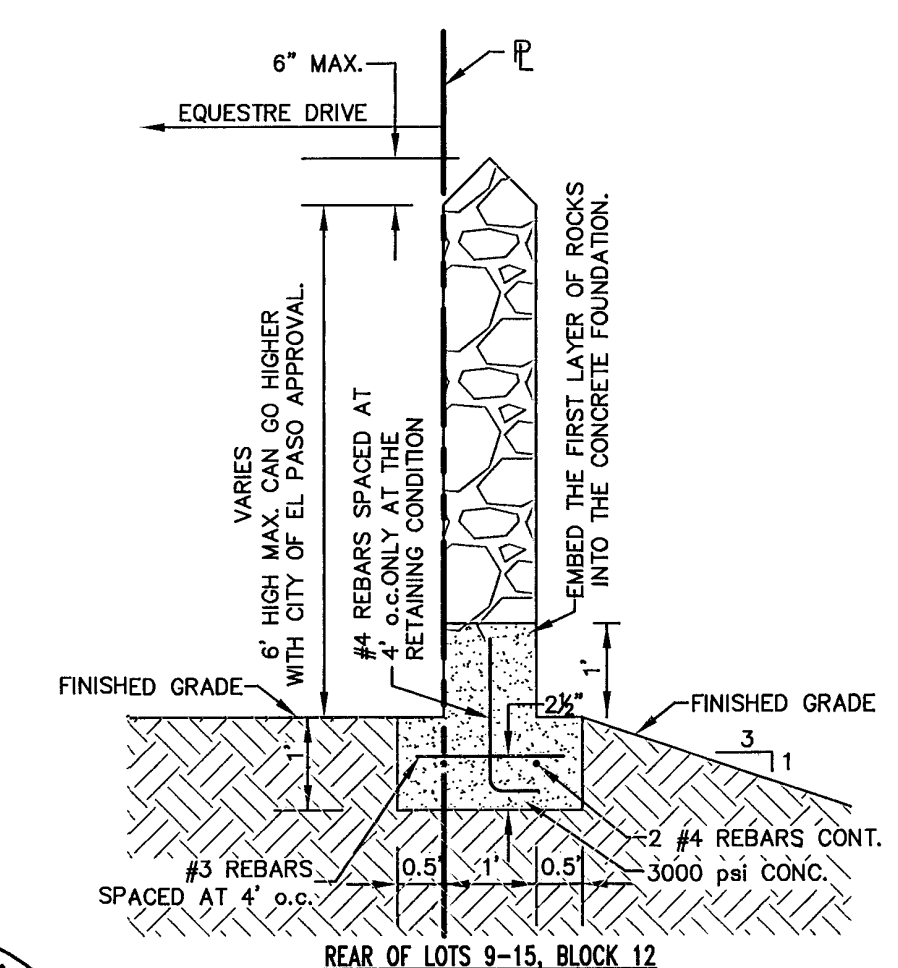
SECTION F-F
SCALE: 1" = 5'



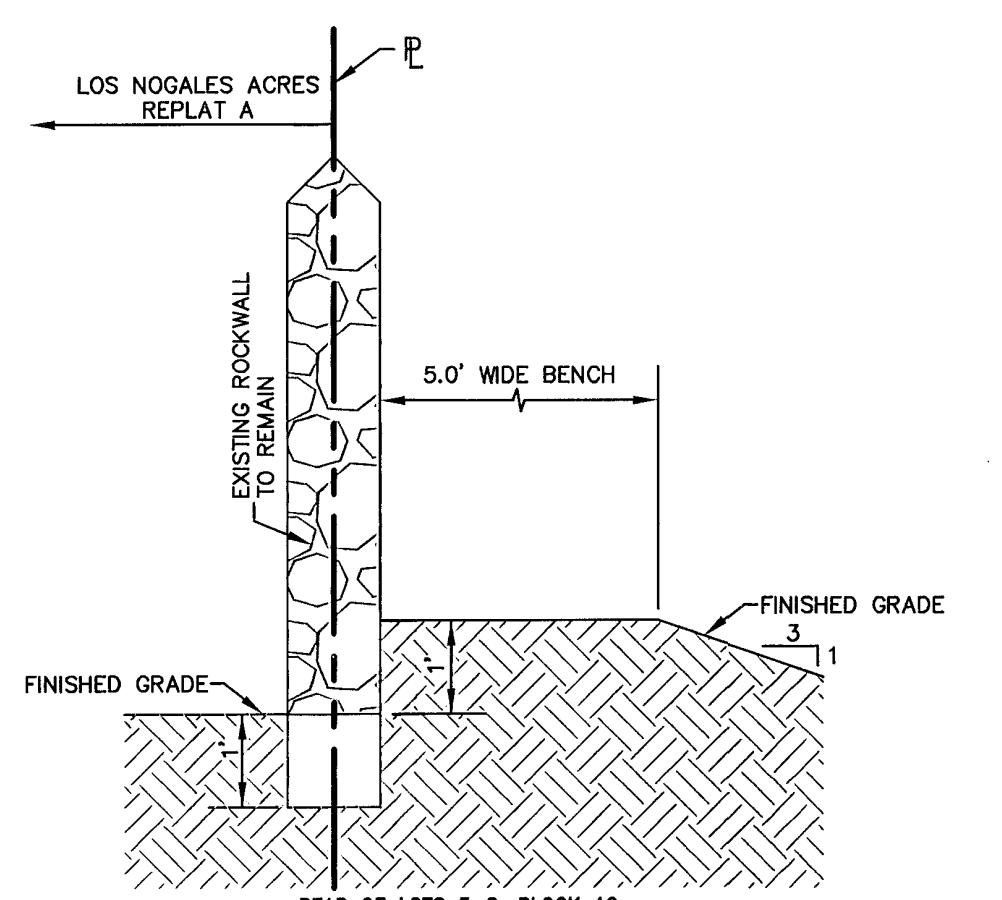
ROCKWALL DETAIL "A"
SCALE: 1" = 2'



ROCKWALL DETAIL "B"
SCALE: 1" = 2'



ROCKWALL DETAIL "C"
SCALE: 1" = 2'



ROCKWALL DETAIL "D"
SCALE: 1" = 2'

- NOTES:**
1. STONE FOR ROCKWALLS SHALL BE AS NEARLY UNIFORM IN SECTION AS IS PRACTICABLE. THE STONE SHALL BE DENSE AND RESISTANT TO THE ACTION OF AIR AND WATER.
 2. MORTAR FOR ROCKWALL SHALL BE A.S.T.M. TYPE "M". USE ONE PART PORTLAND CEMENT, 1/4 TO 1/2 PARTS HYDRATED LIME AND 3 PARTS SAND (2-1/4 TO 3 TIMES THE SUM OF THE VOLUMES OF CEMENT AND LIME COMBINED). - 1800 P.S.I. SEE CITY BUILDING CODE, PP. 14-3 AND 14-4.
 3. IF ROCKWALL IS FREQUENTLY EXPOSED TO WATER, LIME SHALL NOT BE USED, AND THE PROPORTIONS SHALL BE ONE PART PORTLAND CEMENT AND THREE PARTS SAND.
 4. MASONRY WALLS OVER (6) FEET IN HEIGHT AND THOSE USED IN WHOLE OR IN PART FOR EARTH RETENTION, REGARDLESS OF HEIGHT, SHALL BE DESIGNED AS STRUCTURAL WALLS AND PROVIDED WITH ADEQUATE FOOTINGS OF REINFORCED CONCRETE. SUCH DESIGN OF WALL AND FOOTINGS SHALL BE PRESENTED TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO ERECTION.
 5. ROCKWALL MORTARED JOINTS MUST NOT EXCEED (2) TWO INCHES.
 6. PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET.

AS-BUILT
NOVEMBER 1, 2007

DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: AS SHOWN VER: AS SHOWN FILE NAME: 03-5_GP.DWG W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	BRADLEY ROE, P.E. 31886

LOS NOGALES ACRES REPLAT C

TYPICAL GRADING SECTIONS

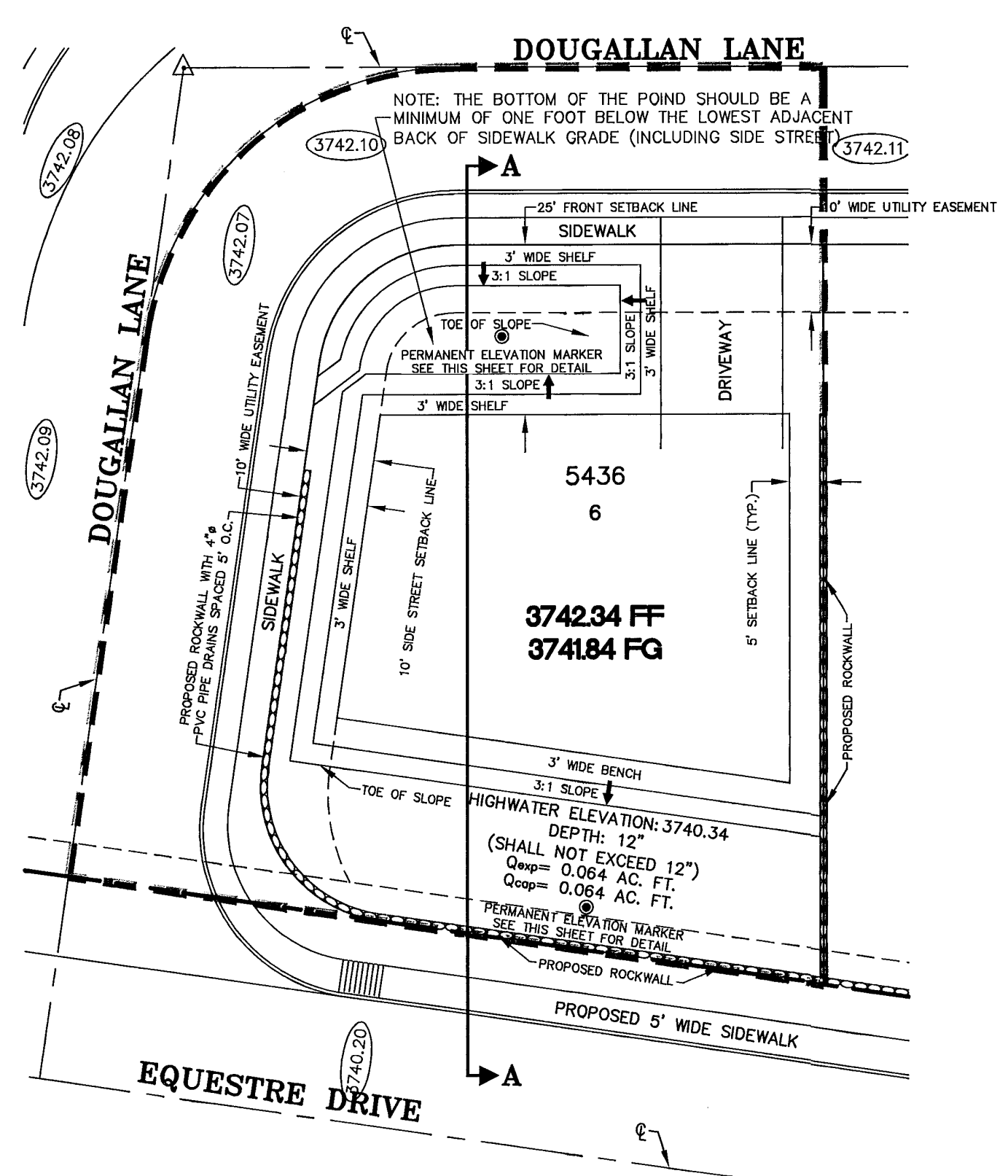
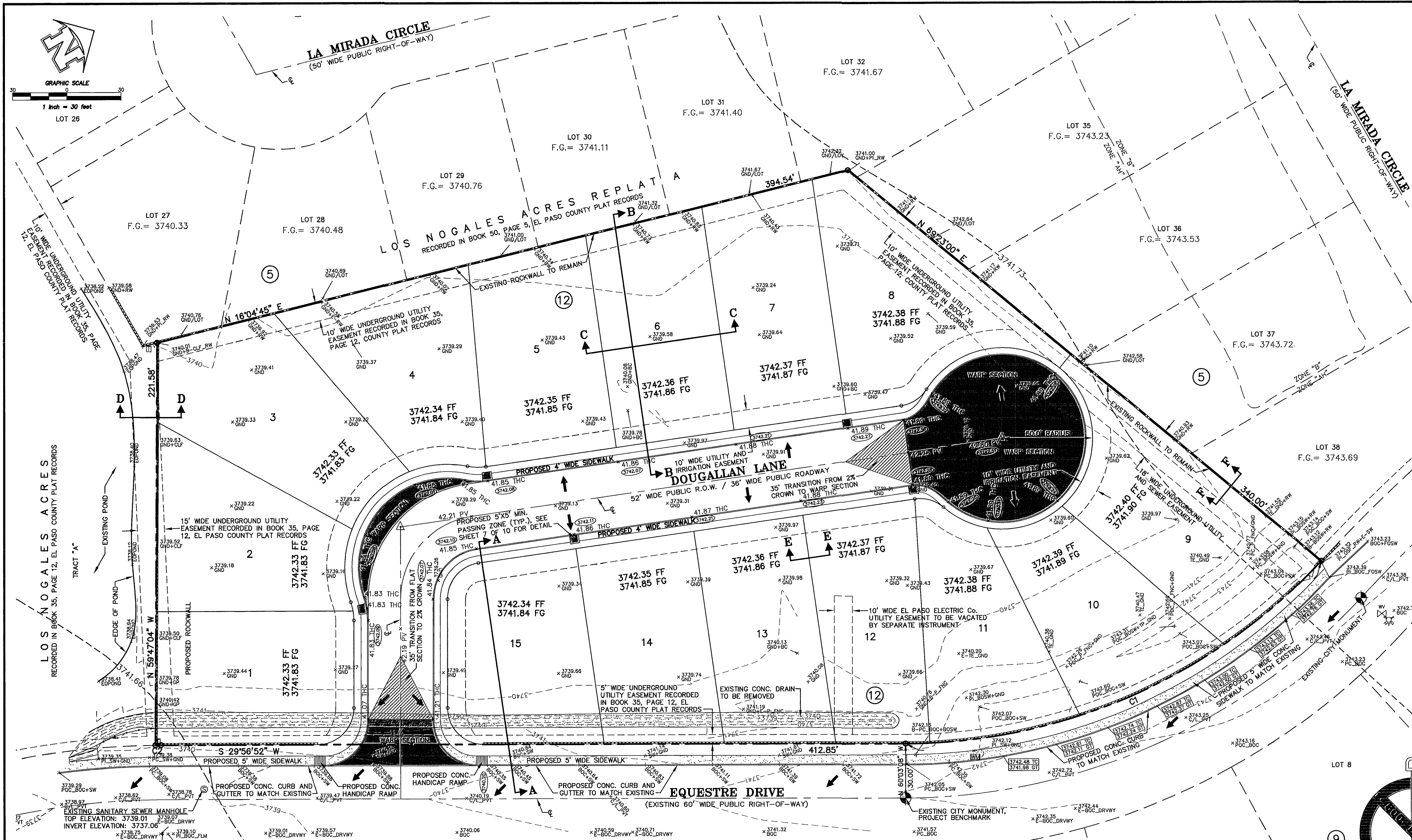
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801 N. Cotton St., Suite No. 8 El Paso, TX 79902
(915) 533-1418 - FAX: (915) 533-4972
EMAIL: roeeng@swbell.net

ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

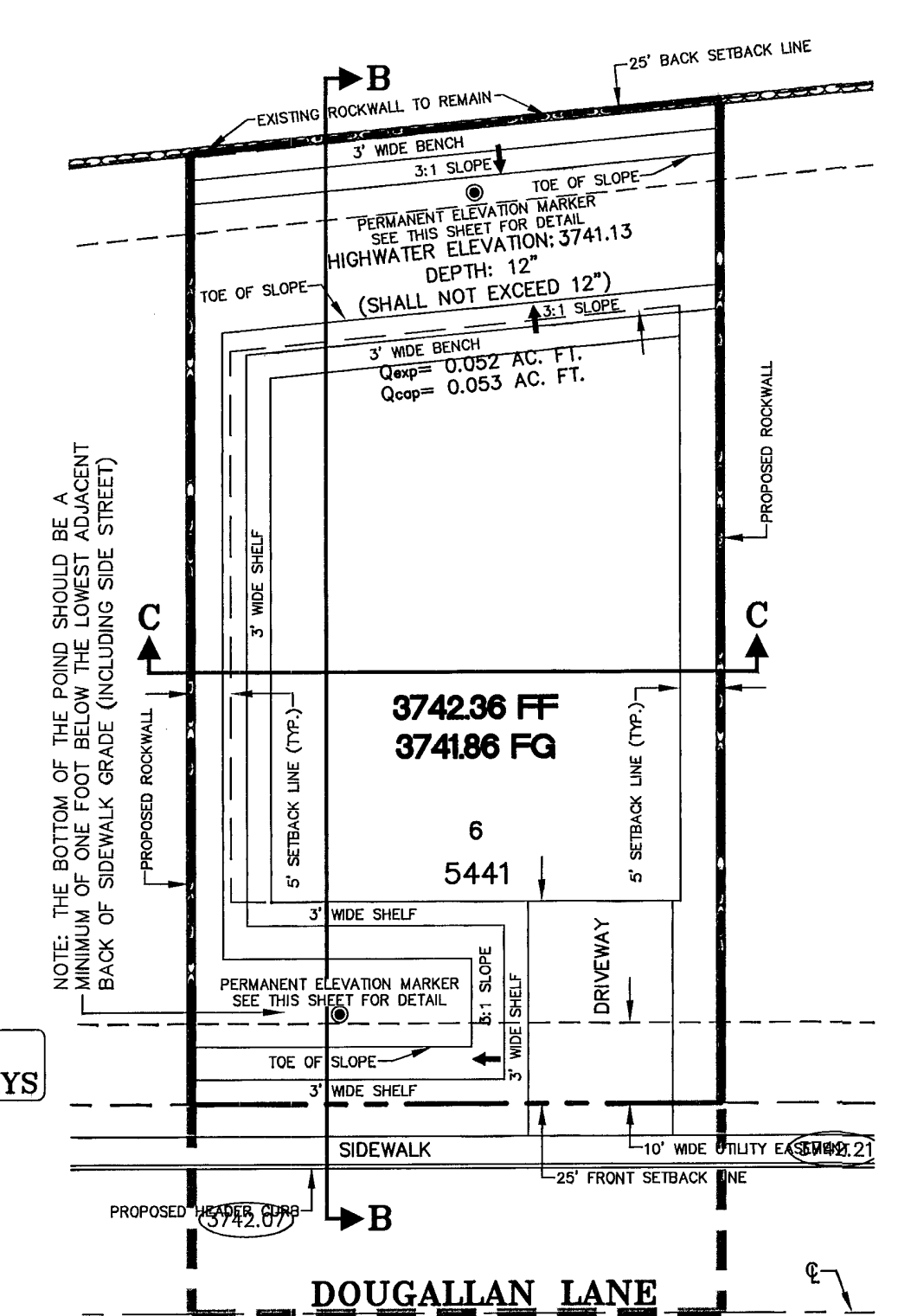
SHEET **4** OF **10**

600 775

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TYPICAL CORNER LOT GRADING LAYOUT
 SCALE: 1" = 20'
 WATERSHED LIMITS: LOT AREA PLUS HALF OF THE STREET IN FRONT OF LOT. (SAME WIDTH AS THE LOT) CORNER LOTS ARE THE LOT AREA PLUS HALF THE STREET IN FRONT AND ON THE SIDE OF THE LOT.



TYPICAL LOT GRADING LAYOUT
 SCALE: 1" = 20'
 WATERSHED LIMITS: LOT AREA PLUS HALF OF THE STREET IN FRONT OF LOT. (SAME WIDTH AS THE LOT) CORNER LOTS ARE THE LOT AREA PLUS HALF THE STREET IN FRONT AND ON THE SIDE OF THE LOT.

****NOTE: ALL LOTS ARE SUBJECT TO ONSITE PONDING****
100-YEAR BASE FLOOD ELEVATION: FROM 3741.66 TO 3741.73 (CITY DATUM)

DRAINAGE CALCULATIONS (COMPUTATIONS BASED ON 100-YEAR STORM FREQUENCY)

LOT, BLOCK	LOT AREA	WATERSHED AREA	MAXIMUM PONDING AREA	REQUIRED PONDING AREA	MAXIMUM BUILDING AREA*
LOT 1, BLOCK 12	7,999.19 sq.ft.	9,426.38 sq.ft.	3,999.60 sq.ft.	0.042 ac.-ft.	3,999.60 sq.ft.
LOT 2, BLOCK 12	8,000.00 sq.ft.	9,169.38 sq.ft.	4,000.00 sq.ft.	0.039 ac.-ft.	4,000.00 sq.ft.
LOT 3, BLOCK 12	9,000.00 sq.ft.	10,271.45 sq.ft.	4,500.00 sq.ft.	0.044 ac.-ft.	4,500.00 sq.ft.
LOT 4, BLOCK 12	8,000.00 sq.ft.	9,171.11 sq.ft.	4,000.00 sq.ft.	0.039 ac.-ft.	4,000.00 sq.ft.
LOT 5, BLOCK 12	8,000.00 sq.ft.	9,896.83 sq.ft.	4,000.00 sq.ft.	0.043 ac.-ft.	4,000.00 sq.ft.
LOT 6, BLOCK 12	8,000.00 sq.ft.	9,713.88 sq.ft.	4,000.00 sq.ft.	0.041 ac.-ft.	4,000.00 sq.ft.
LOT 7, BLOCK 12	8,000.00 sq.ft.	9,635.47 sq.ft.	4,000.00 sq.ft.	0.041 ac.-ft.	4,000.00 sq.ft.
LOT 8, BLOCK 12	9,085.08 sq.ft.	13,041.86 sq.ft.	4,542.54 sq.ft.	0.056 ac.-ft.	4,542.54 sq.ft.
LOT 9, BLOCK 12	9,678.37 sq.ft.	11,843.96 sq.ft.	4,839.19 sq.ft.	0.051 ac.-ft.	4,839.19 sq.ft.
LOT 10, BLOCK 12	7,313.57 sq.ft.	8,428.86 sq.ft.	3,568.79 sq.ft.	0.036 ac.-ft.	3,568.79 sq.ft.
LOT 11, BLOCK 12	7,500.00 sq.ft.	9,217.30 sq.ft.	3,750.00 sq.ft.	0.039 ac.-ft.	3,750.00 sq.ft.
LOT 12, BLOCK 12	7,500.00 sq.ft.	9,130.18 sq.ft.	3,750.00 sq.ft.	0.039 ac.-ft.	3,750.00 sq.ft.
LOT 13, BLOCK 12	7,500.00 sq.ft.	9,086.82 sq.ft.	3,750.00 sq.ft.	0.039 ac.-ft.	3,750.00 sq.ft.
LOT 14, BLOCK 12	7,500.00 sq.ft.	9,217.30 sq.ft.	3,750.00 sq.ft.	0.039 ac.-ft.	3,750.00 sq.ft.
LOT 15, BLOCK 12	8,000.00 sq.ft.	10,981.48 sq.ft.	4,000.00 sq.ft.	0.051 ac.-ft.	4,000.00 sq.ft.

NOTE: * A SITE-SPECIFIC GRADING AND DRAINAGE PLAN WILL STILL BE REQUIRED AS PER GENERAL NOTE #12 ON SHEET 3 OF 10
 * MAXIMUM BUILDING AREA INCLUDES PATIOS, WALKWAYS, DRIVEWAYS, ETC.

DRAINAGE CALCULATIONS
 COMPUTATIONS BASED ON 100 YEAR STORM FREQUENCY
 (PONDING AREA DEPTH SHALL NOT EXCEED 12")

TYPICAL LOT WATERSHED - LOT 6, BLOCK 12 (8,000 SQ. FT.)
 Q = CIA
 Q_{EXP} = 0.56 x 5.00 IN/HR x 0.2230 ACS.
 Q_{EXP} = 0.62 C. F. S.

TYPICAL CORNER LOT WATERSHED - LOT 15, BLOCK 12 (8,000 SQ. FT.)
 Q = CIA
 Q_{EXP} = 0.61 x 5.00 IN/HR x 0.2521 ACS.
 Q_{EXP} = 0.77 C. F. S.

DRAINAGE CALCULATIONS
 COMPUTATIONS BASED ON 100 YEAR STORM FREQUENCY
 (PONDING AREA DEPTH SHALL NOT EXCEED 12")

POND #1 - TYPICAL LOT WATERSHED
 Q = AREA
 Q_{EXP} = 0.2230 AC. x 4 IN. x 0.56 (weighted)
 Q_{EXP} = 0.042 (100% STORM) + 0.010 (25% EMERGENCY) + 0.00 (SILT)
 Q_{EXP} = 0.052 AC. FT.
 Q_{EXP} = 0.053 AC. FT.

POND #2 - TYPICAL CORNER LOT WATERSHED
 Q = AREA
 Q_{EXP} = 0.2521 AC. x 4 IN. x 0.61 (weighted)
 Q_{EXP} = 0.051 (100% STORM) + 0.013 (25% EMERGENCY) + 0.00 (SILT)
 Q_{EXP} = 0.064 AC. FT.
 Q_{EXP} = 0.064 AC. FT.

WARNING! BEFORE YOU DIG
 TEXAS LAW REQUIRES TWO (2) WORKING DAYS NOTICE PRIOR TO ANY EXCAVATION
 CALL TEXAS EXCAVATION SAFETY SYSTEM ANYWHERE IN TEXAS 1-800-344-8377
 TEXAS EXCAVATION SAFETY SYSTEM DIG CONFIRMATION NUMBER (#XXX-XXX-XXX) TO BE UPDATED EVERY 10 DAYS

UTILITY COMPANIES

TEXAS GAS SERVICE
 4700 POLLARD STREET
 EL PASO, TEXAS 79930
 EMERGENCY 562-2003 (GAS)

SOUTHWESTERN BELL TELEPHONE
 11200 PELLICANO DRIVE
 EL PASO, TEXAS 79935
 828-5127 (TELEPHONE)

EL PASO PUBLIC SERVICE BOARD
 1154 HAWKINS BOULEVARD
 EL PASO, TEXAS 79901
 MR. ALFONSO ORTIZ 594-5527 (WATER, SEWER)

TIME WARNER COMMUNICATIONS
 7010 AIRPORT ROAD
 EL PASO, TEXAS 79906
 775-7414 (CABLE)

EL PASO ELECTRIC COMPANY
 501 WEST SAN ANTONIO STREET
 EL PASO, TEXAS 79901
 MR. PAT KEITH, 543-2917 (ELECTRIC)

DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: 1"=30' VER: N/A FILE NAME: 03-5_GP.DWG W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	

LOS NOGALES ACRES REPLAT C

DRAINAGE PLAN

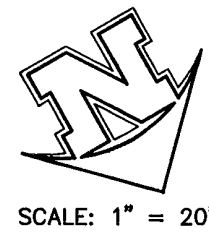
AS-BUILT
 NOVEMBER 1, 2007

LOS NOGALES ACRES REPLAT C

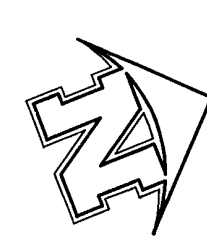
hnp Roe Engineering, L.C.
 801 N. Cotton St. Suite No. 6 El Paso, Tx. 79902
 (915) 633-1418 - FAX: (915) 633-4978
 EMAIL: roeeng@hnpmail.com
 ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

SHEET 5 OF 10

600 775



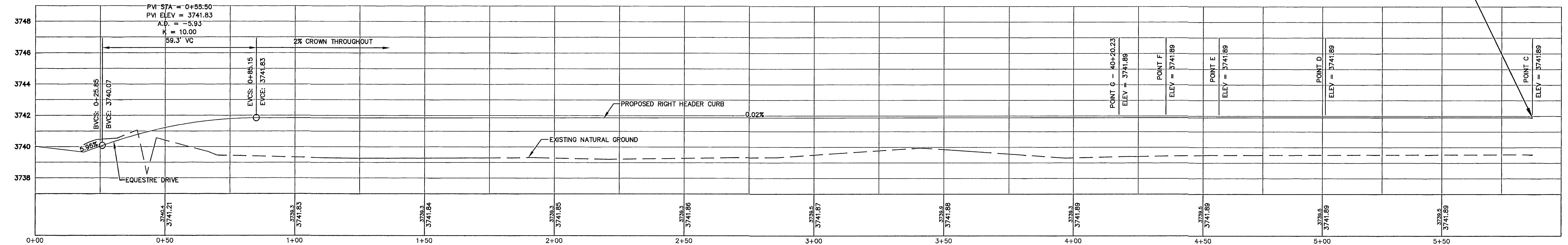
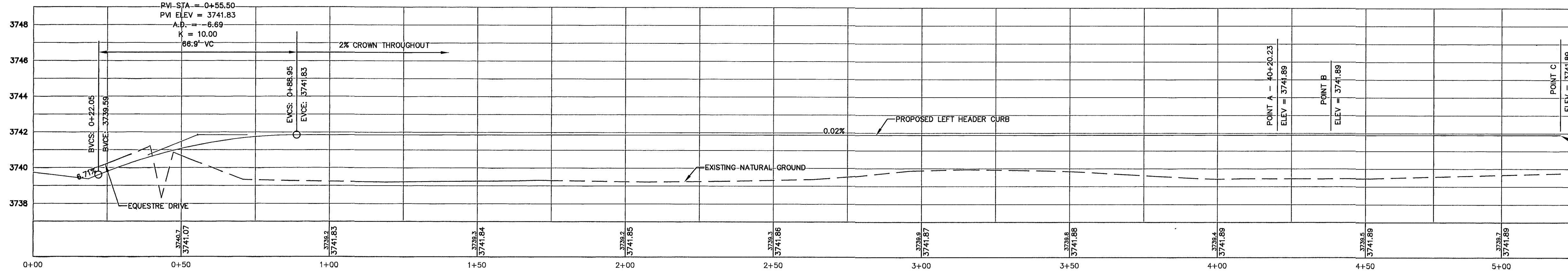
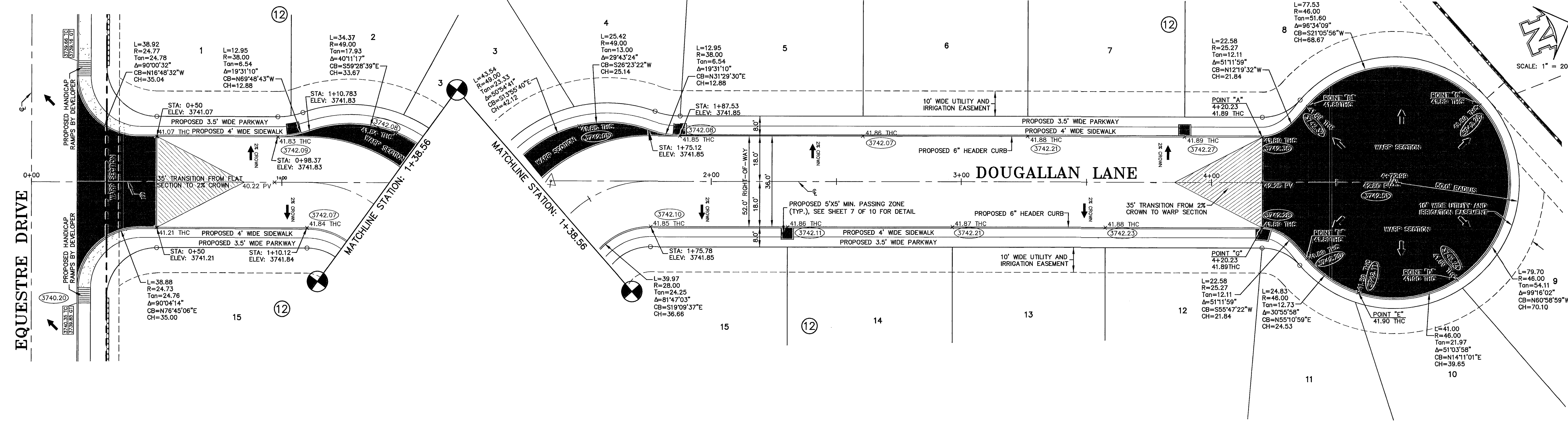
SCALE: 1" = 20'



SCALE: 1" = 20'

EQUESTRE DRIVE

DOUGALLAN LANE



SAME POINT

AS-BUILT
NOVEMBER 1, 2007

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DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: AS SHOWN VER: AS SHOWN FILE NAME: 06_PP-DOUGALLAN W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	 BRADLEY ROE, P.E. 31886

LOS NOGALES ACRES REPLAT C

**PLAN AND PROFILE
DOUGALLAN LANE
STATION 0+00.00 TO 4+72.99**

Roe Engineering, L.C.
601 N. Cotton St. Suite No. 6 El Paso, Tx. 79902
(915) 533-1410 FAX: (915) 533-4972
EMAIL: roeeng@rweil.net

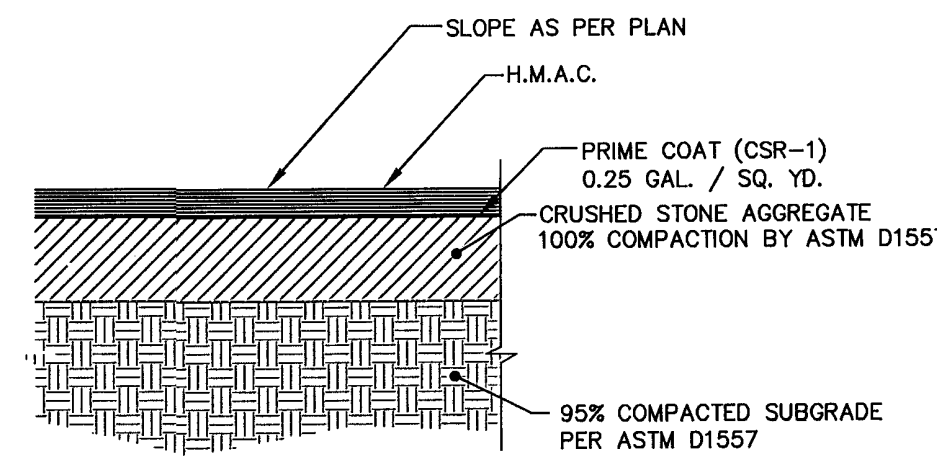
ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

SHEET **6** OF **10**

600 775

Pedestrian Facilities General Notes

- ALL SLOPES ARE MAXIMUM ALLOWABLE. THE LEAST POSSIBLE SLOPE THAT WILL STILL DRAIN PROPERLY SHOULD BE USED. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS AS DIRECTED.
- LANDINGS SHALL BE 5'x 5' MINIMUM WITH A MAXIMUM 2% SLOPE IN ANY DIRECTION.
- MANEUVERING SPACE AT THE BOTTOM OF CURB RAMP SHALL BE A MINIMUM OF 4'x 4' WHOLLY CONTAINED WITHIN THE CROSSWALK AND WHOLLY OUTSIDE THE PARALLEL VEHICULAR TRAVEL PATH.
- MAXIMUM ALLOWABLE CROSS SLOPE ON SIDEWALK AND CURB RAMP SURFACES IS 2%.
- CURB RAMP WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP, EITHER BECAUSE THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR BECAUSE THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED. OTHERWISE, PROVIDE FLARED SIDES.
- ADDITIONAL INFORMATION ON CURB RAMP LOCATION, DESIGN, LIGHT REFLECTIVE VALUE AND TEXTURE MAY BE FOUND IN THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS) AND 16 TAC 68.102.
- SEPARATE CURB RAMP AND LANDINGS FROM ADJACENT SIDEWALK AND ANY OTHER ELEMENTS WITH PREMOLD WITH BITUMINOUS EXP. JOINT OR BOARD JOINT OF 3/4" UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- PROVIDE A SMOOTH TRANSITION WHERE THE CURB RAMP CONNECTS TO THE STREET.
- FLARE SLOPE SHALL NOT EXCEED 10% MEASURED ALONG CURB LINE.
- EXISTING SIDEWALK SHALL COMPLY WITH CITY AND ADA/TAS STANDARDS.

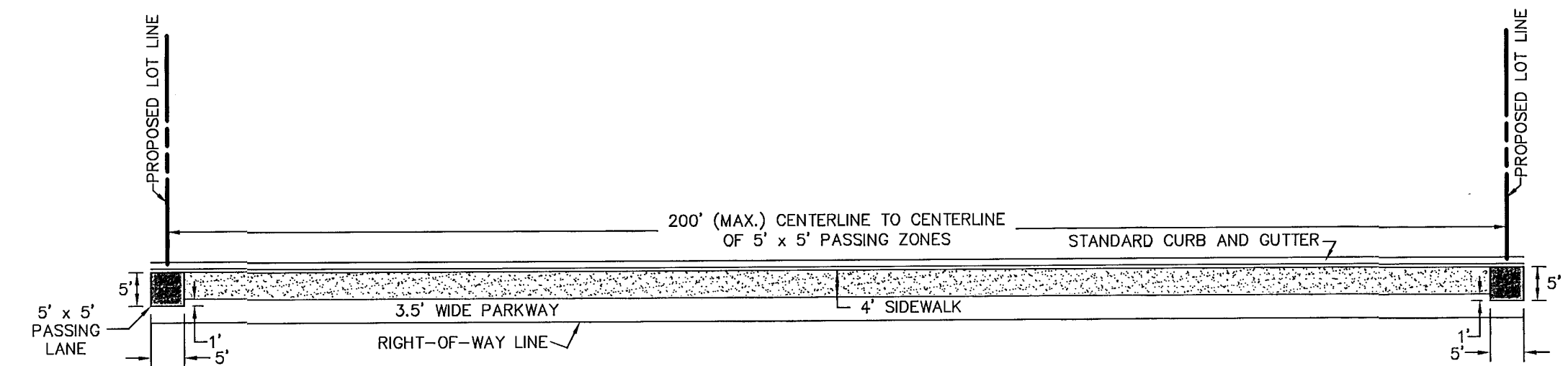


GRADE 1" HOT MIX ASPHALT CONCRETE
 TYPE A - GRADE III CRUSHED STONE BASE COURSE
 COMPACTED IMPORTED ENGINEERED FILL (PI ≤ 7)

2" (MIN. RECOMMENDED THICKNESS)
 6" (MIN. RECOMMENDED THICKNESS)
 28" (MIN. RECOMMENDED THICKNESS)

TYPICAL PAVEMENT SECTION
 SCALE: 1" = 1'

- NOTES FOR CURB AND GUTTER**
- NO EXPANSION JOINTS WILL BE REQUIRED EXCEPT AT THE END OF CURB RETURNS, POINT OF TANGENCY WITH STRAIGHT RUNS OF CURB AT EVERY INTERSECTION.
 - CONTRACTION JOINTS (1/2 INCH MIN. SCORED JOINTS) MUST BE INSTALLED EVERY 10 FEET IN CURB OR CURB AND GUTTER.
 - ALL EXPANSION JOINTS WILL BE PREFORMED BITUMINOUS FIBER 1/2 INCH THICK.
 - CONCRETE TO BE CLASS "A", 3000 P.S.I.

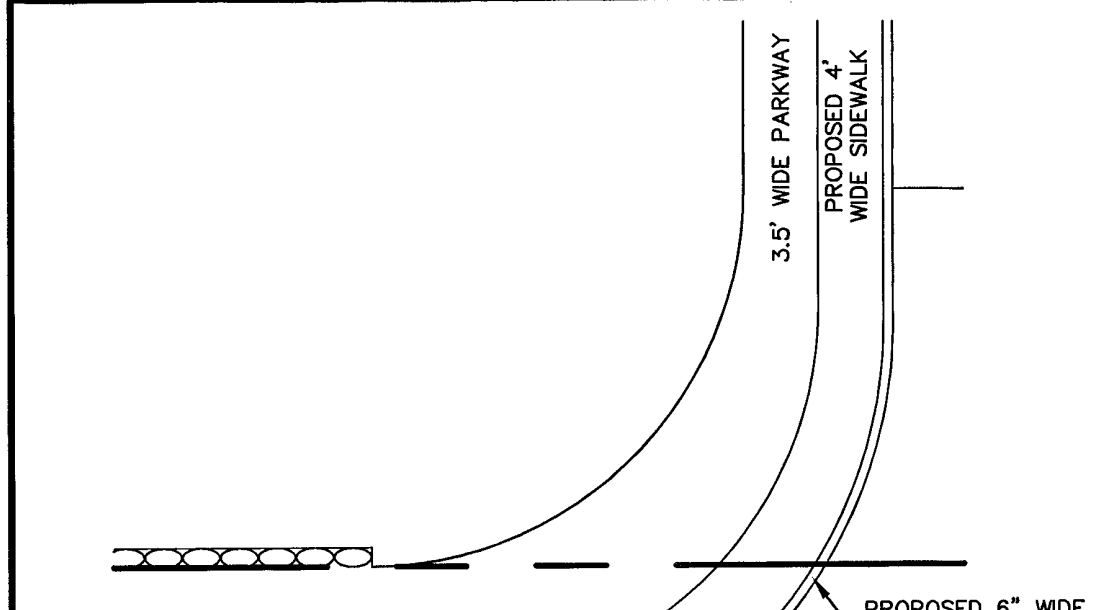


TYPICAL 5' BY 5' PASSING LANE DETAIL

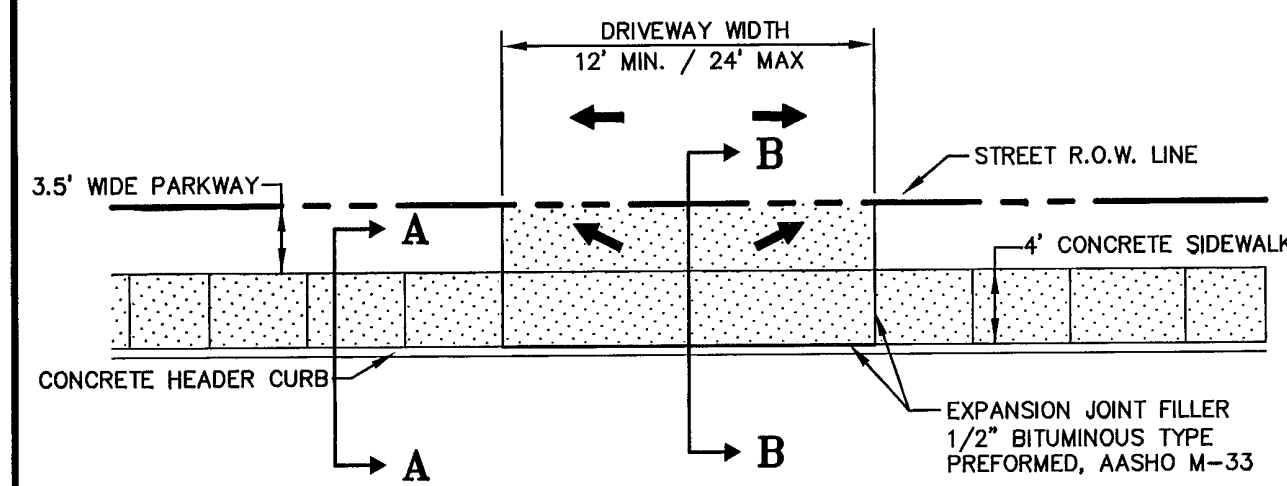
SCALE: 1" = 20'
 NOTE: PROVIDE A 5' BY 5' PASSING LANE LOCATED ALONG THE 4' SIDEWALK AT 200' (MAX.) ON CENTER (AS PER ADA REQUIREMENTS)

NOTES FOR STREETS:

- BASE TO BE COMPACTED TO 100% COMPACTION BY A.S.T.M. D1557
- H.M.A.C., BASE, AND SUBGRADE WILL PLACED BE IN STRICT ACCORDANCE WITH THE LATEST CITY OF EL PASO SPECIFICATIONS
- SUBGRADE TO BE COMPACTED TO 95% COMPACTION BY A.S.T.M. D1557
- PRIME COAT TO BE 0.25 GALLON PER SQUARE YARD (MIN. COVERAGE).
- ALL ELEVATIONS ON PLANS BASED ON CITY DATUM.
- SUBGRADE UNDER CURB MUST BE FORMED AND COMPACTED AS SHOWN OR EXCESS CUT MUST BE BACKFILLED WITH CONCRETE.
- COMPACTION BEHIND CURB
 - ONE FOOT MIN. ON CUTS
 - TWO FOOT MIN. ON FILLS
- C.B.R. TEST TO BE APPROVED BY DEVELOPMENT SERVICES PRIOR TO PAVING.
- COMPACTION TEST WHERE REQUIRED BY THE CITY ENGINEER MUST BE PAID FOR BY THE DEVELOPER. THIS INCLUDES BUT IS NOT LIMITED TO SUBGRADE AND BASE COURSE.
- ALL PLANS MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF EL PASO SUBDIVISION DESIGN AND IMPROVEMENT STANDARDS.
- C.B.R. TEST REQUIRED AT EVERY 500' AFTER SUBGRADE IS IN PLACE OR A MIN. OF TWO TESTS IF STREET IS LESS THAN 500'
- STREET VERTICAL CONTROL OF ALL CURB AND GUTTER ELEVATIONS WILL BE MAINTAINED. (BLUE TOPPING REQUIRED THROUGHOUT)



HANDICAP RAMP
 SCALE 1" = 5'

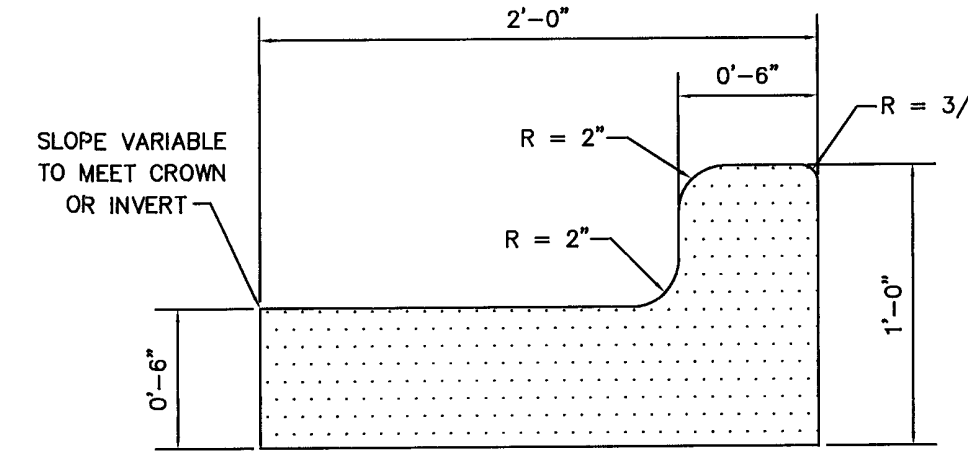


PLAN VIEW
 SCALE: 1" = 10'

DRIVEWAY WIDTH RESIDENTIAL 12'
 DRIVEWAY THICKNESS RESIDENTIAL 6" CONC. WITHOUT W.W.F., 4" CONC. WITH 6X8-10/10 W.W.F.

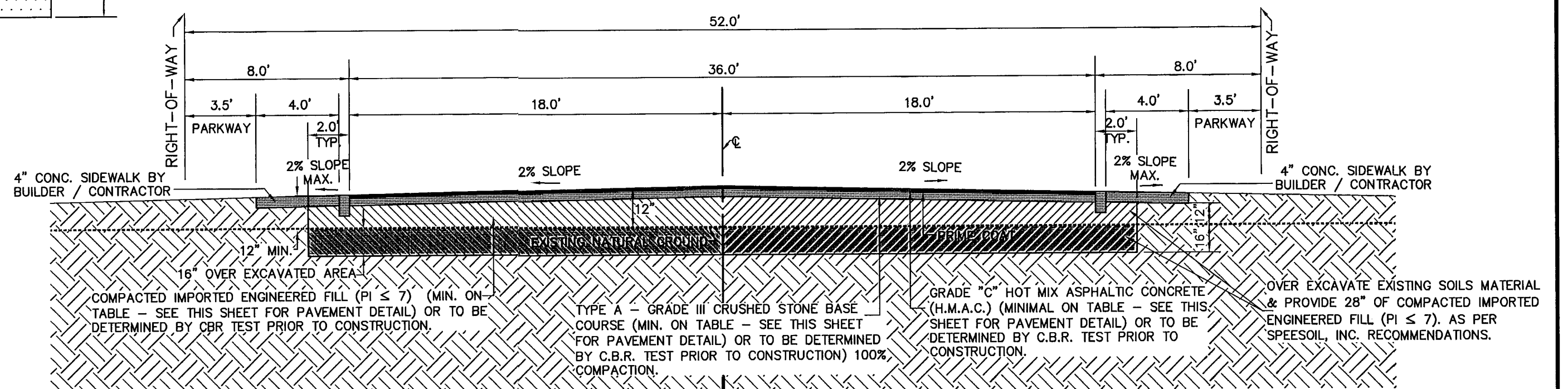
General Notes for Detectable Warnings

- CURB RAMP MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES COMPLYING WITH SECTION 4.29 OF THE TEXAS ACCESSIBILITY STANDARDS (TAS). THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACES, INCLUDING SIDE FLARES. FURNISH DARK BROWN OR DARK RED DETECTABLE WARNING SURFACE ADJACENT TO UNCOLORED CONCRETE, UNLESS SPECIFIED ELSEWHERE IN THE PLANS.
- DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
- ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
- DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
- DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM OF 6" AND A MAXIMUM OF 10" FROM THE EXTENSION OF THE FACE OF CURB. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.



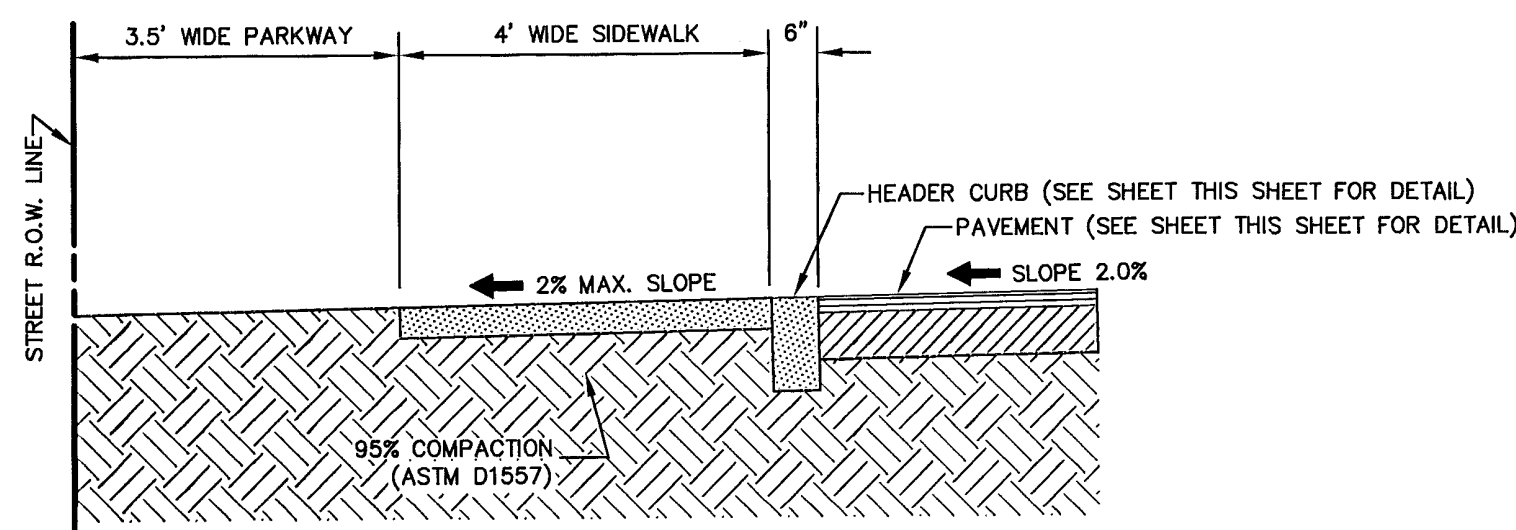
STANDARD CURB AND GUTTER DETAIL
 SCALE 1 1/2" = 1'

- NOTE**
- CONCRETE TO BE CLASS "A", 3000 P.S.I.
 - EXPANSION JOINTS EVERY 20 FEET AND AT ALL P.C. AND P.T. OF CURVES WITH 1/2 INCH MIN. SCORED JOINTS MUST BE INSTALLED EVERY 5 FEET ALONG CONCRETE SIDEWALK.
 - ALL EXPANSION JOINTS WILL BE PREFORMED

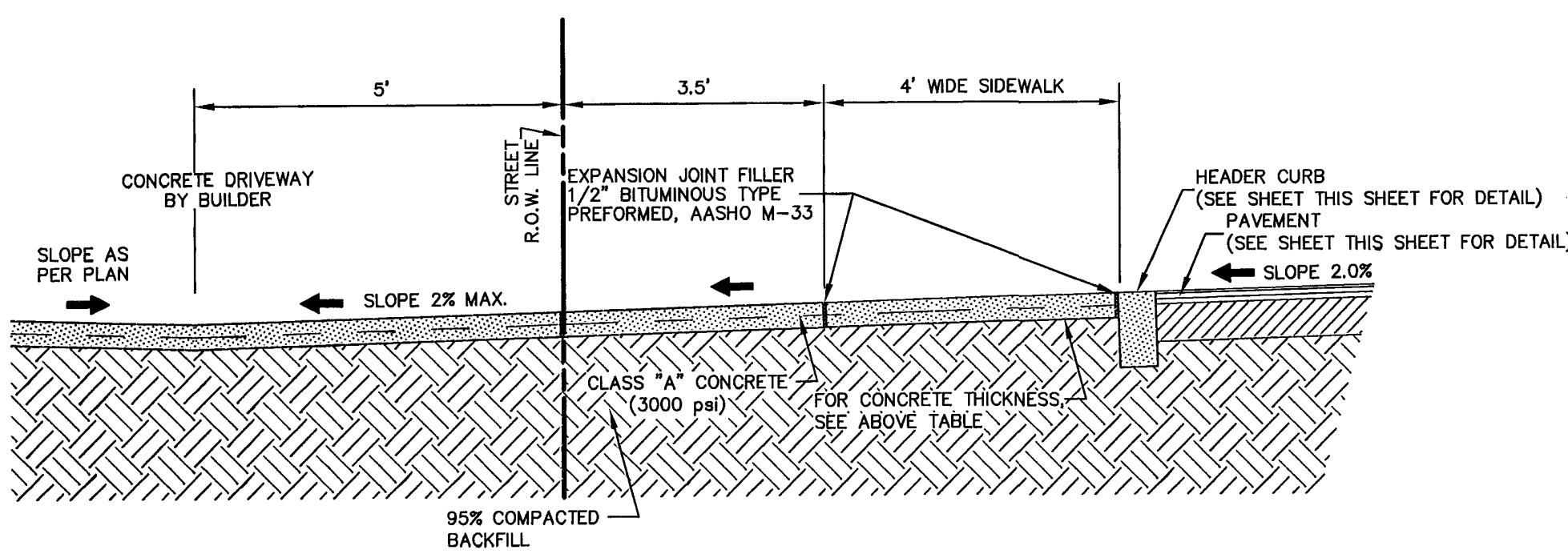


52' RIGHT-OF-WAY TYPICAL CROWN STREET SECTION

SCALE 1" = 5'



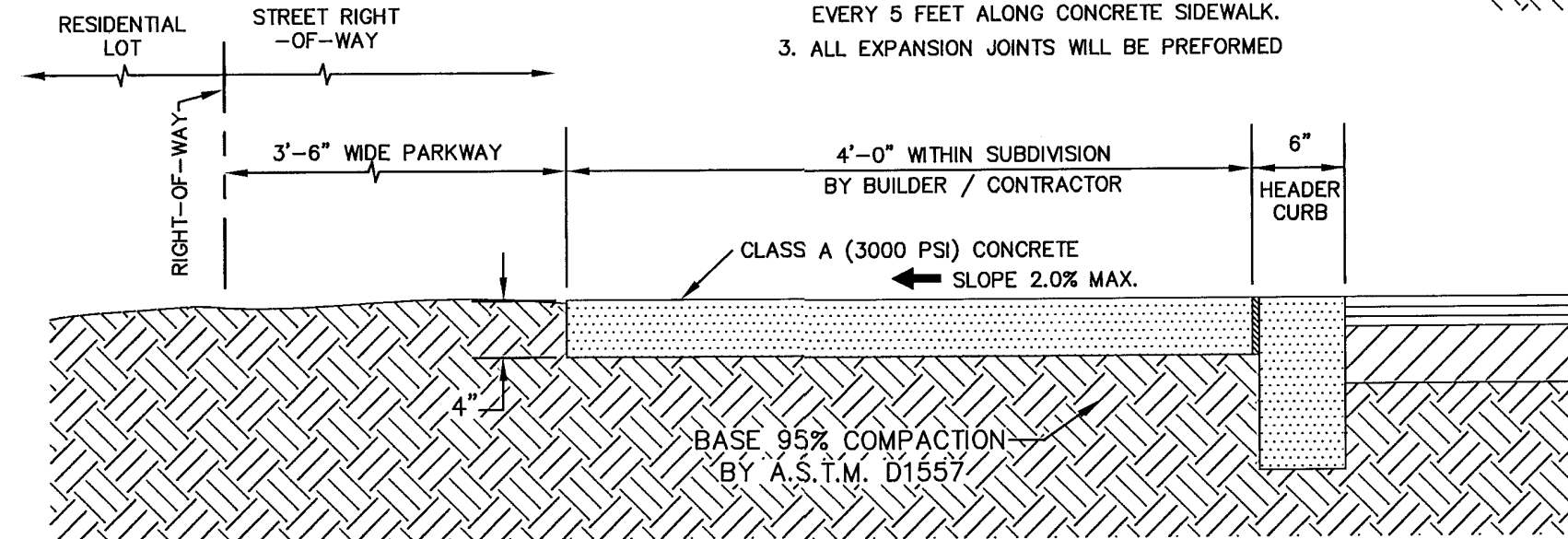
SECTION A - A
 SCALE: 1" = 2'



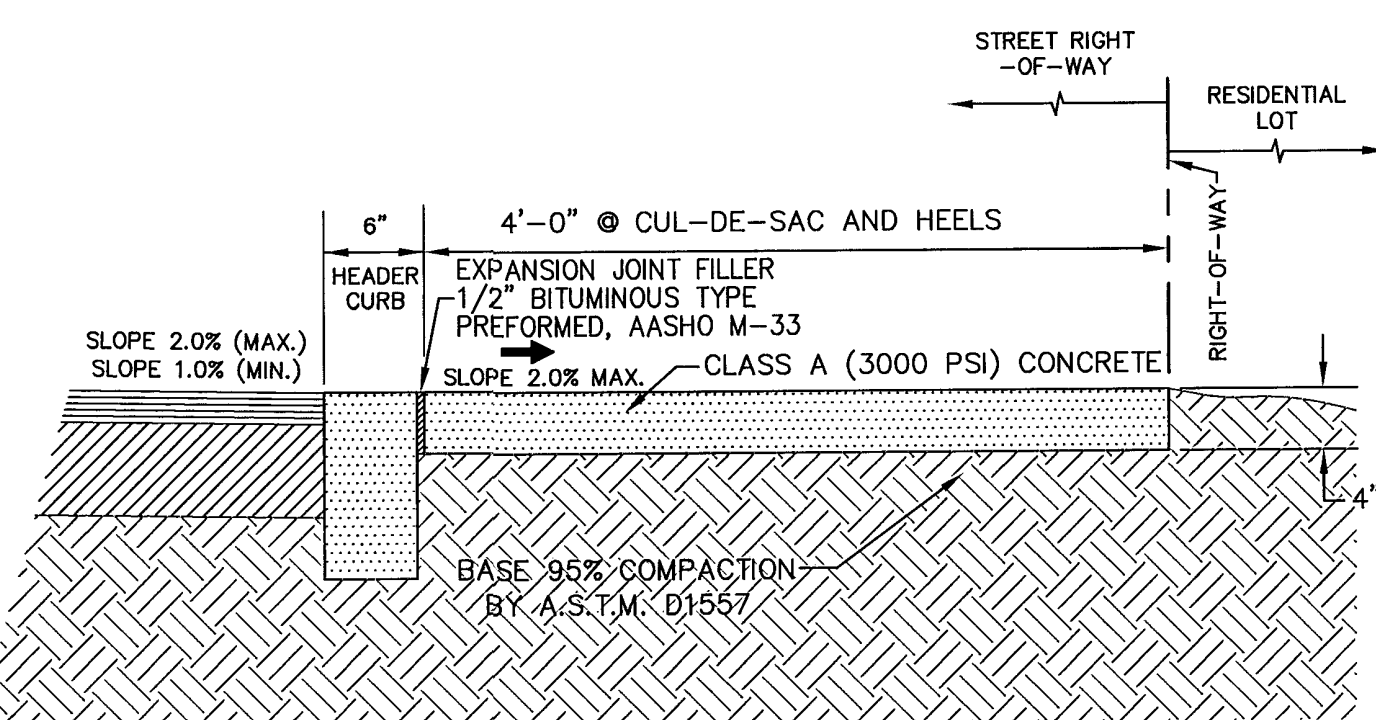
SECTION B - B
 SCALE: 1" = 2'

TYPICAL CONCRETE DRIVEWAY

* CONCRETE DRIVEWAYS INSTALLED BY INDIVIDUAL PROPERTY OWNERS / BUILDERS *



TYPICAL SIDEWALK
 SCALE: 1" = 1'

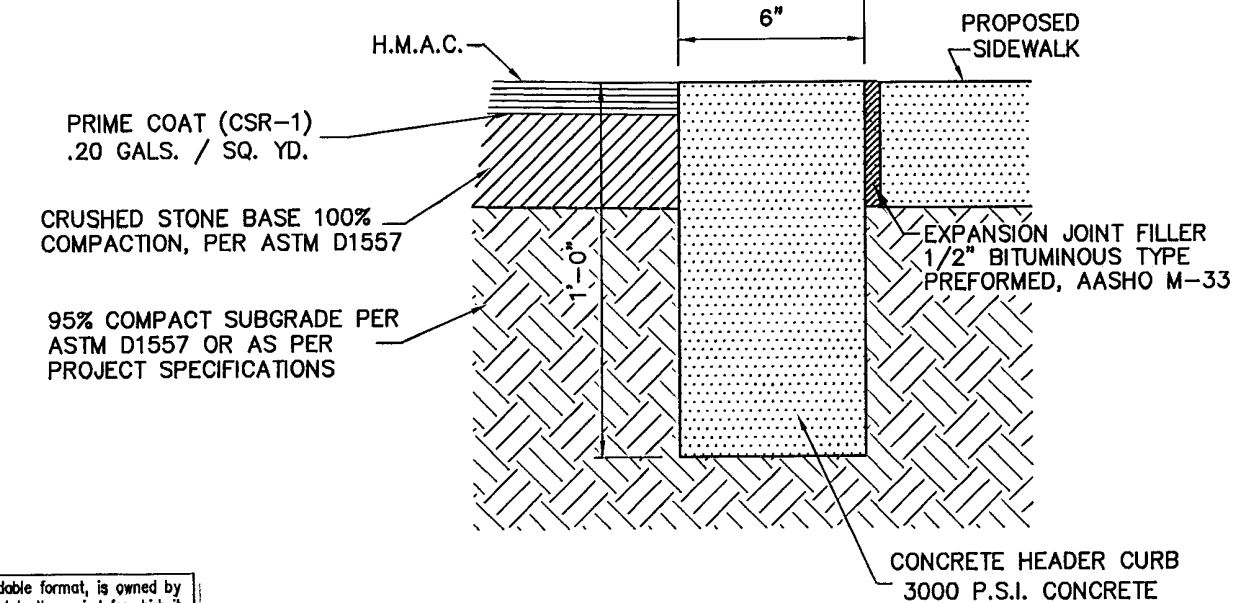


TYPICAL SIDEWALK AT CUL-DE-SAC AND HEELS WITH HEADER CURB

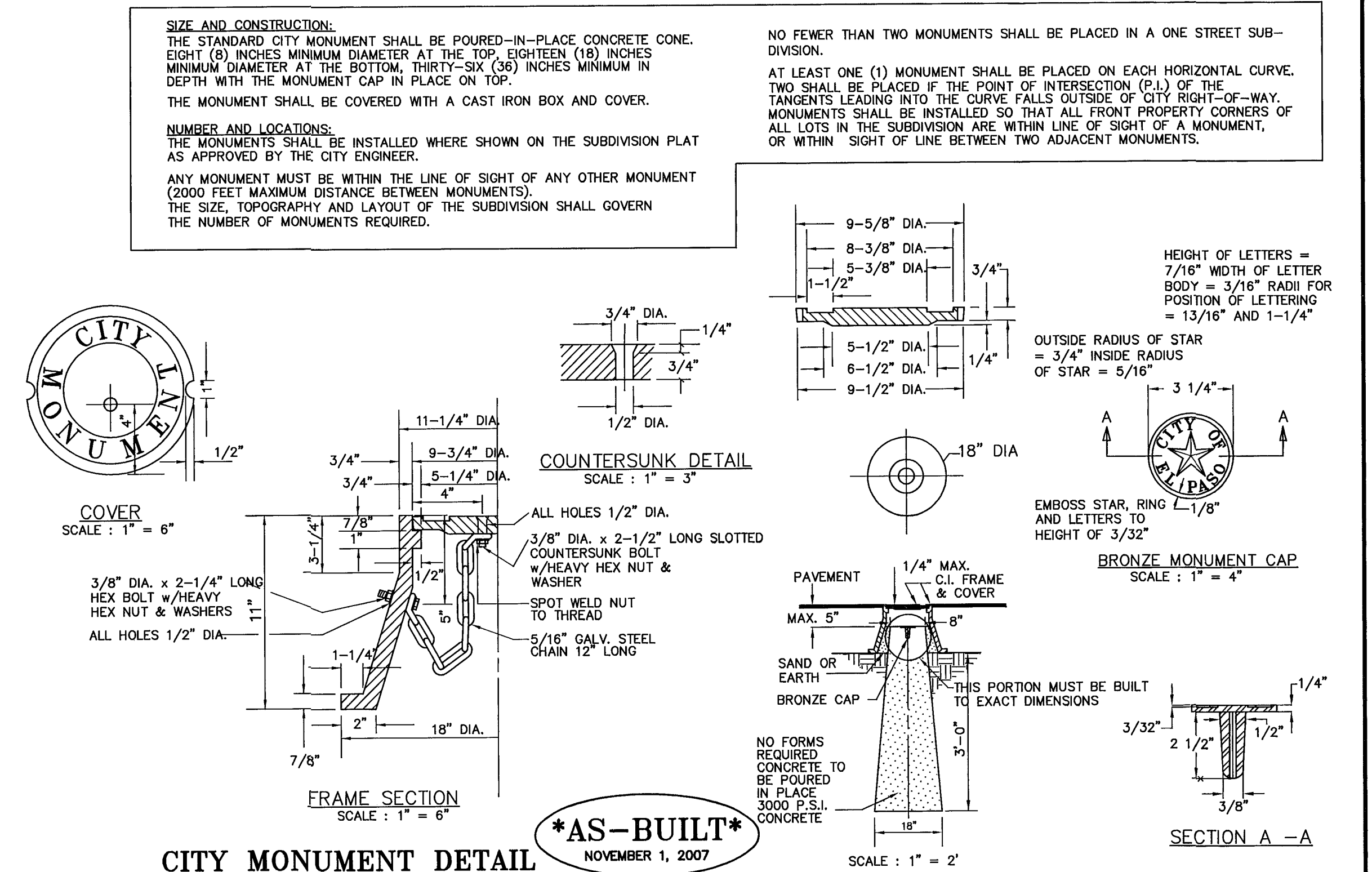
SCALE: 1" = 1'

NOTES FOR HEADER CURB:

- EXPANSION JOINTS WILL BE REQUIRED AT THE END OF CURB RETURNS, AT 50' O.C. & POINT OF TANGENCY WITH STRAIGHT RUNS OF CURB AT EVERY INTERSECTION.
- CONTRACTION JOINTS (1/2 INCH MIN. SCORED JOINTS) MUST BE INSTALLED EVERY 10 FEET IN CURB OR CURB AND GUTTER.
- ALL EXPANSION JOINTS WILL BE PREFORMED BITUMINOUS FIBER 1/2 INCH THICK.
- CONCRETE TO BE CLASS "A", 3000 P.S.I.



HEADER CURB
 SCALE 1/2" = 1'



CITY MONUMENT DETAIL

AS-BUILT
 NOVEMBER 1, 2007

DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: 1"=30' VER: N/A FILE NAME: NOG_GP.DWG W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	BRADLEY ROE ENGINEERING, L.P. 31886

LOS NOGALES ACRES REPLAT C

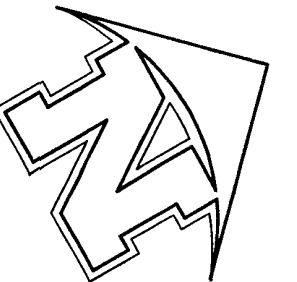
RoE Engineering, L.C.
 601 N. Cotton St. Suite No. 6 El Paso, TX, 79902
 (915) 533-1416 FAX: (915) 533-4072
 EMAIL: roeeng@bellsouth.net

TYPICAL DETAILS AND SECTIONS

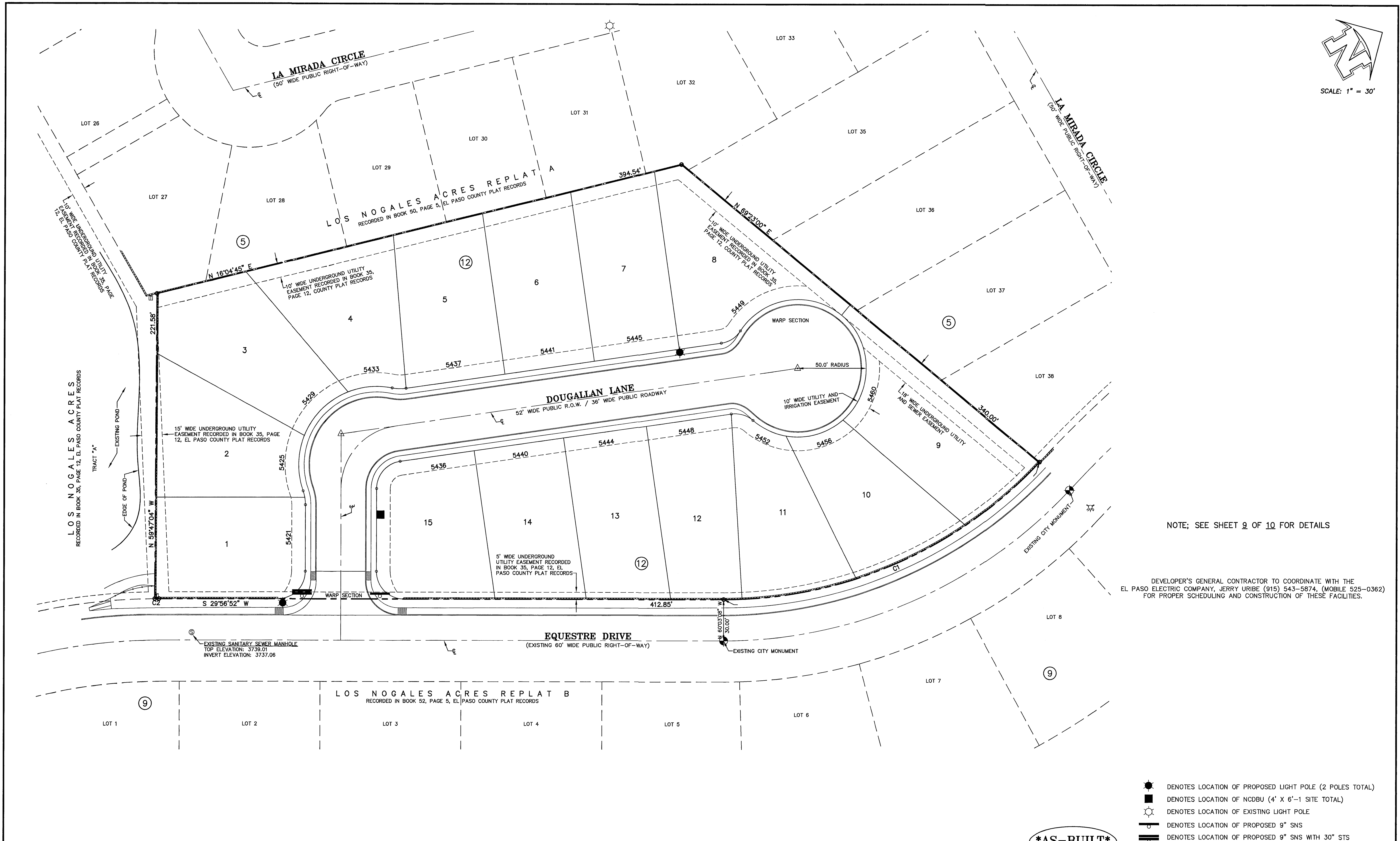
ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

SHEET 7 OF 10

600 775



SCALE: 1" = 30'



NOTE: SEE SHEET 9 OF 10 FOR DETAILS

DEVELOPER'S GENERAL CONTRACTOR TO COORDINATE WITH THE EL PASO ELECTRIC COMPANY, JERRY URIBE (915) 543-5874, (MOBILE 525-0362) FOR PROPER SCHEDULING AND CONSTRUCTION OF THESE FACILITIES.

- DENOTES LOCATION OF PROPOSED LIGHT POLE (2 POLES TOTAL)
- DENOTES LOCATION OF NCDBU (4' X 6'-1" SITE TOTAL)
- DENOTES LOCATION OF EXISTING LIGHT POLE
- DENOTES LOCATION OF PROPOSED 9" SNS
- DENOTES LOCATION OF PROPOSED 9" SNS WITH 30" STS

AS-BUILT
NOVEMBER 1, 2007

****NOTE: ALL LOTS ARE SUBJECT TO ONSITE PONDING****

DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: 1"=30' VER: N/A FILE NAME: 08-09_ILLUM.DWG W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	

LOS NOGALES ACRES REPLAT C
ILLUMINATION PLAN AND TRAFFIC PLAN

brp **Roe Engineering, L.C.**
601 N. Cotton St. Suite No. 8 El Paso, Tx. 79902
(915) 533-1418 FAX: (915) 533-4978
EMAIL: roeeng@evbell.net
ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING
SHEET **8** OF **10**

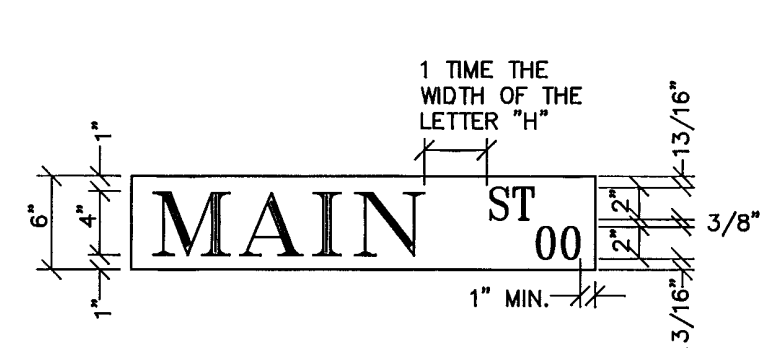
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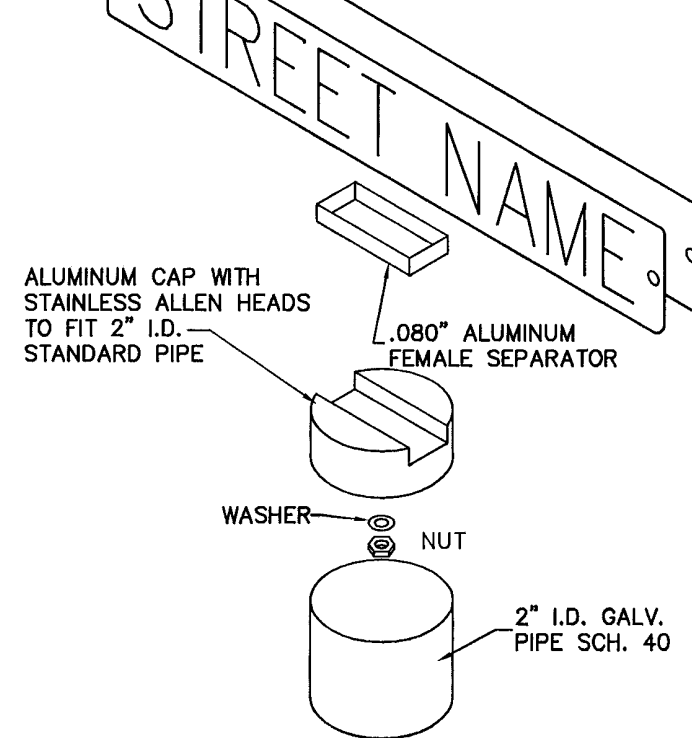
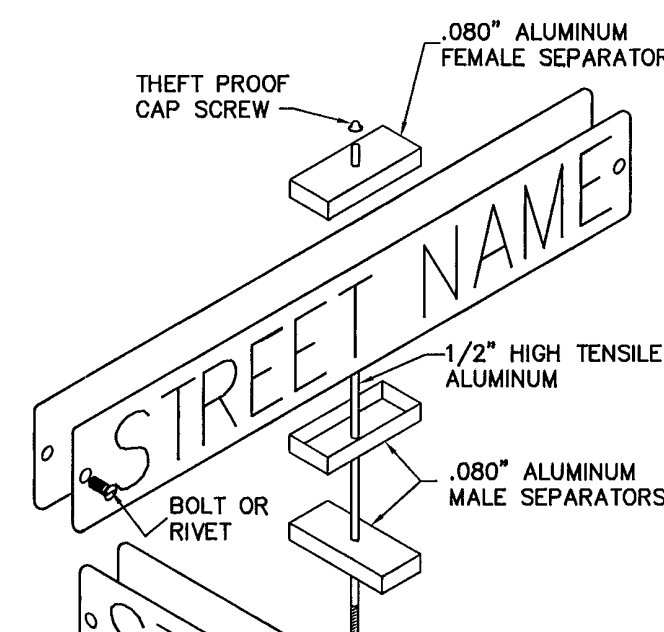
City of El Paso
Specifications for ReflectORIZED Street Name Signs

- Color of Sign:** The finished sign must have a reflectORIZED green background. The green must conform with the Bureau of Public Roads Highway Green. The legend must be reflectORIZED silver white (green reverse screened background with silver copy).
- Letter Design:** The lettering of all legends must be upper case letters in accordance with "standard alphabets for highway sign" published by the Federal Highway Administration.
- Letter Spacing:** The control for the spacing values in traffic layout is the distance recognized as aesthetic spacing between two straight letters (HN). A spacing control of two times the width of the stroke of the letter series to be used must be the aesthetic control (100%). Two and one-half times (2-1/2) this control must be used as the aesthetic word space between elements in the primary legend.
- Layout:** The maximum number of letters to be accommodated on a given length street name face must be determined by widest letter series possible for that legend and the spacing control (100%) for the series used must be expanded or condensed up to 25% in 5% increments.
- The spacing control (100%) for the series used must be expanded or condensed up to 25% in 5% increments for the end margin with minimum of 1".
- The word space must be expanded up to 25% in 5% increments but not condensed.
- Space between primary and block number area must be 1/2 the aesthetic work space used in the primary legend.
- Size of legend:** For 6" street name signs the primary legend or street name must have capital letters four inches (4") high and all secondary legends, including the suffix, the block numbers must have upper case letters two inches (2") high.
- Suffix letter size for all length must be 2" Capitals, C series, except that series A or B where suffix abbreviation exceeds two letters, may be used.**
- Size of Legend:** For 9" street name signs, the primary legend, or street name must have capital letters six inches (6") high and all secondary legends, including the suffix, block numbers, must have upper case letters two and one-half inches (2-1/2") high.
- Suffix letter size for all length must be 2-1/2" capitals, C series, except that series A and B where suffix abbreviation exceeds two letters, may be used.**
- Position of Legend:** Each sign face will consist of the street name, suffix and two zeros of the block number. The additional numbers of the block number will be applied by the city of El Paso. The suffix will be located in the upper right corner and the block number in the lower right corner of the sign face and the street name centered in the remaining space.
- Sign Fabrication:** The sign face must be fabricated by reverse screening green transparent color over silver reflective sheeting. Transparent process colors must be as recommended by the sheeting manufacturer. Cut-out or applied legends are not permitted. Sign face must be comprised of one piece or panel of reflective sheeting.
- Type of sheeting:** Engineer grade reflective sheeting must be used in the fabrication of the street name sign faces.

SIGN CLASS	SIGN LENGTH	PRIMARY LETTERS SIZE & SERIES	SUFFIX & BLOCK NUMBER SIZE AND SERIES
6" ARTERIAL STREETS	24" 30" 36"	4" C,D, SERIES 4" C,D, SERIES 4" A,B,C,D, SERIES	2" C SERIES 2" C SERIES 2" C SERIES



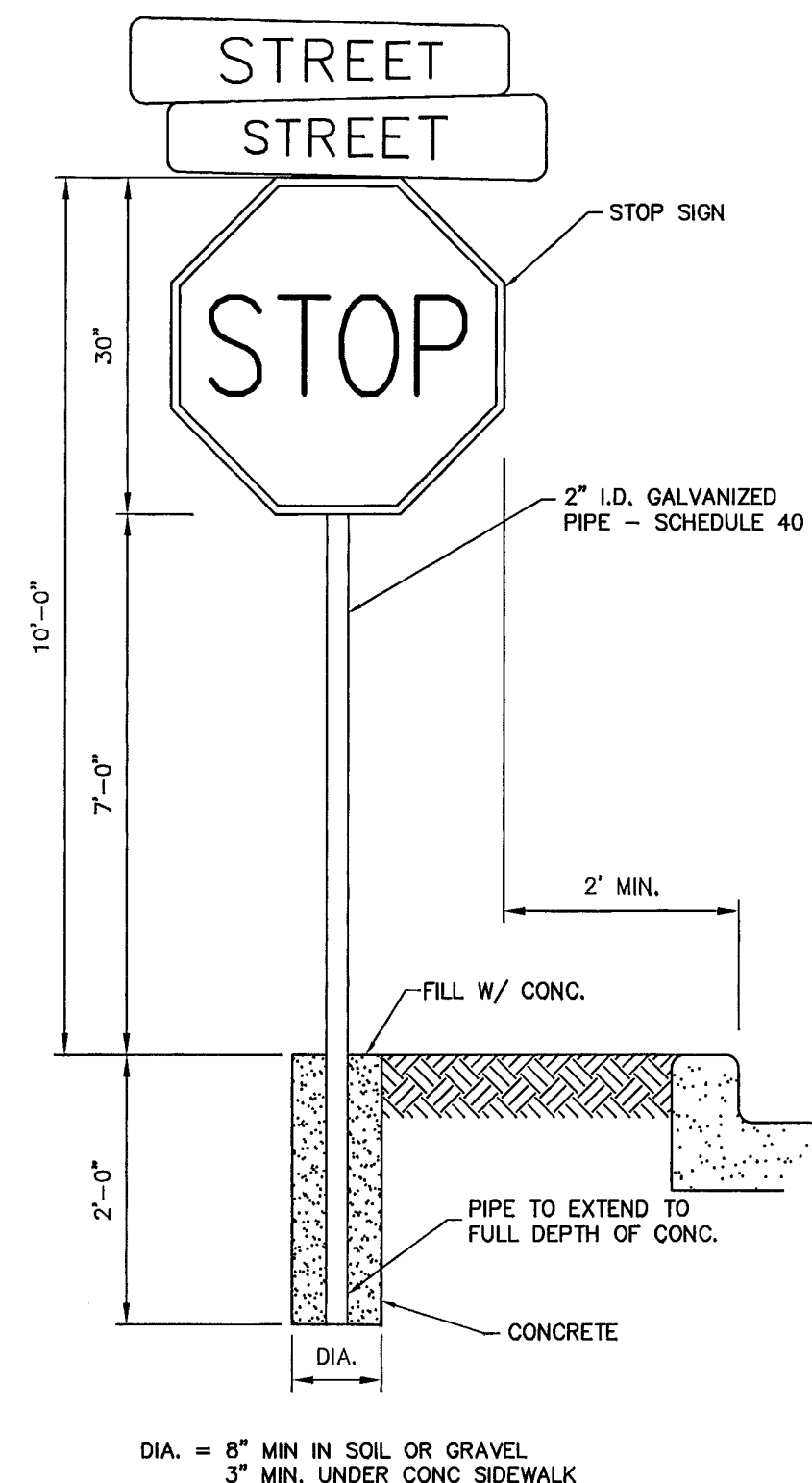
LAYOUT FOR 6" STREET NAME SIGN
SCALE: 1" = 1'



City of El Paso
Specifications for Aluminum Sign Blanks

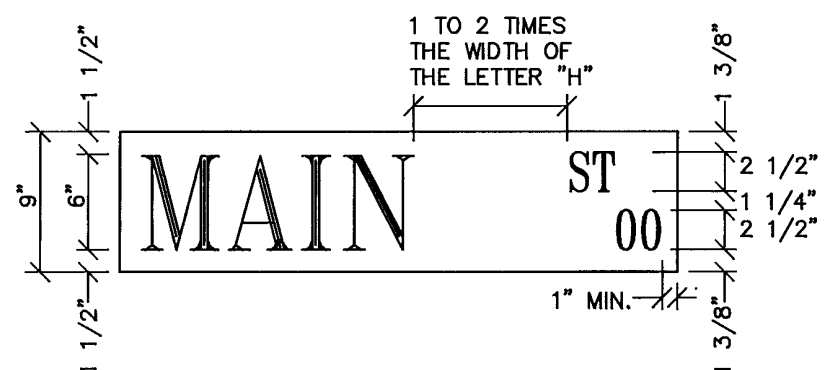
These specifications describe details and minimum requirements for Aluminum Sign Blanks, to which reflective sheeting will be applied.

- All materials shall be new and unweathered and shall be of domestic origin, milled, rolled and finished in domestic mills.
- Sign blanks shall be .080 gauge alodized-treated aluminum, 5052-H38 alloy, free of burrs, corrosion, white rust and dirt, suitable for application of reflective sheeting without further preparation.
- Edges of blanks shall be cut true and square, corner radii, hole diameters and hole locations shall be as described in the aluminum sign blank bid D.H.T. standard.
- All sign blanks will be treated as follows:
 - Degreasing**
 - Vapor Degreasing** - By total immersion of sign blank in a saturated vapor of trichloroethylene or perchlorethylene. Trademark printing shall be remove with lacquer thinner before degreasing.
 - Alkaline Degreasing** - By total immersion of sign blank in a tank containing alkaline solutions, controlled and titrated to the solution manufacturer's specification for time, temperature and concentration. Immersion time shall depend upon the amount of soil present, gauge of the metal and solution strength, rinse thoroughly with running water.
 - Etching**
 - Acid Etch** - Etch well in 6 - 8% phosphoric solution at 100 degrees Fahrenheit of proprietary acid etching solution. Rinse thoroughly with running water.
 - Alkaline Etch** - Etch well the pre-cleaned aluminum surface in an alkaline etching material that is controlled by titration. Use time, temperature, and concentration specified by solution manufacturer. Rinse thoroughly. Remove striat with an acidic chromium compound-type solution as specified by the solution manufacturer and then rinse thoroughly.
 - Chromate conversion coating**
 - Coat the aluminum blanks according to the chromate conversion coating manufacturer's instructions. The coating shall conform to ASTM - B448067, class 2, and shall range in color from silvery iridescent to pale yellow. The coating weight shall be 10 to 35 MG per square foot with a median of 25 MG per square foot as the optimum coating weight.



SIGN POST INSTALLATION
NOT TO SCALE

SIGN CLASS	SIGN LENGTH	PRIMARY LETTERS SIZE & SERIES	SUFFIX & BLOCK NUMBER SIZE AND SERIES
9" ARTERIAL STREETS	36" 42" 48"	6" C,D, SERIES 6" C,D, SERIES 6" A,B,C,D, SERIES	3" C SERIES 3" C SERIES 3" C SERIES



LAYOUT FOR 9" STREET NAME SIGN
SCALE: 1" = 1'

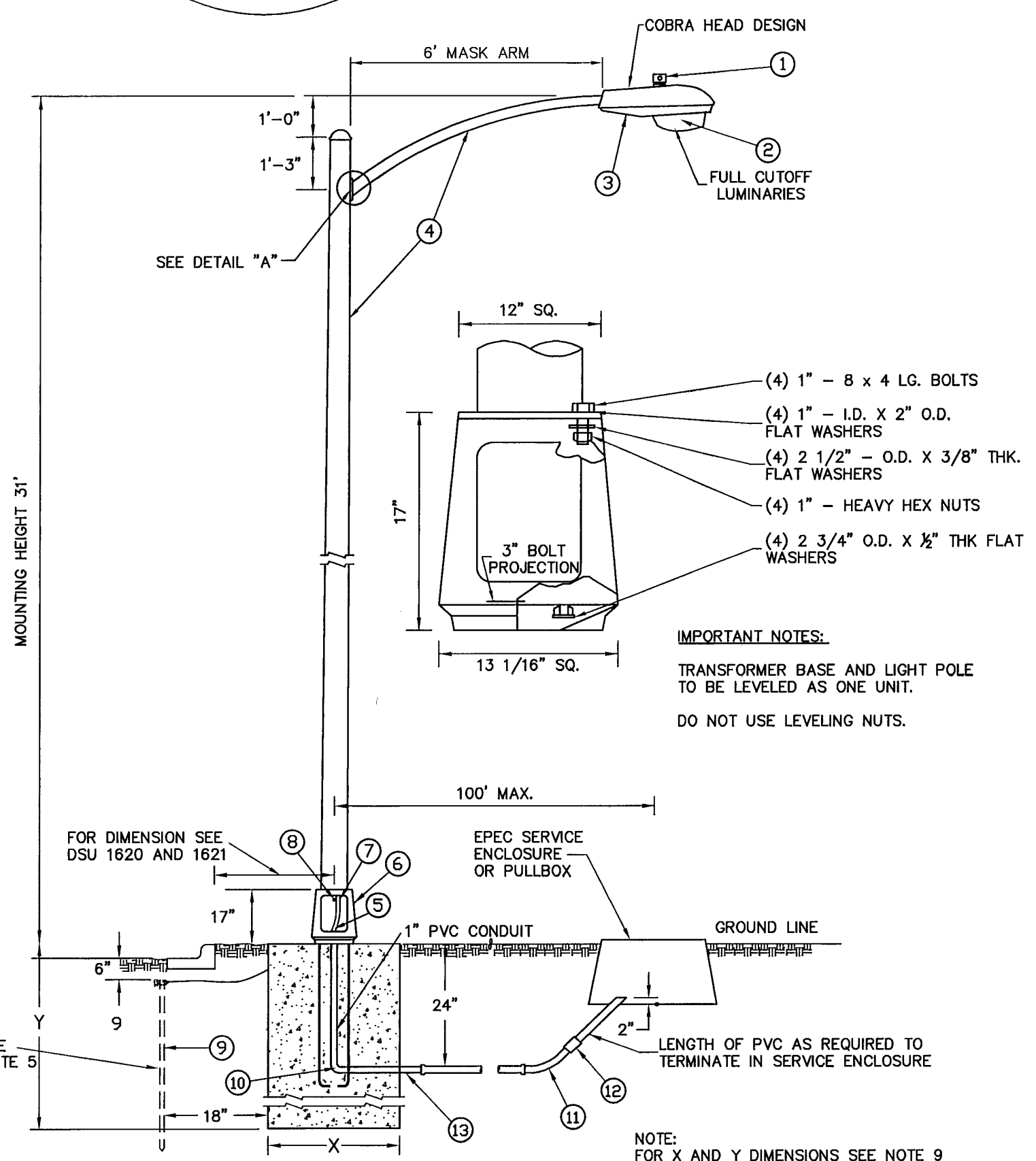
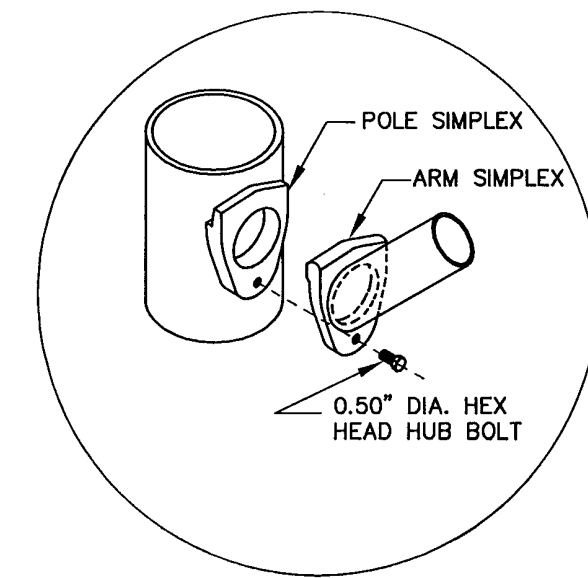


EXHIBIT "A"
UNDERGROUND RESIDENTIAL
BREAKAWAY STREET LIGHT POLE
N.T.S.

ITEM No.	DIRECT EMBEDDED SL STANDARD	STOCK / DSU No.	QTY.	C/U CODE	MACRO CODE
1	PHOTO CELL, 240 V - SEE NOTE 1	21-225	1		
2	HPS LAMP, 100W	21-085	1	LCOBRAHD	
3	LUMINAIRE, 100W H.P.S	21-335	1		
4	STEEL POLE 31\"/>				

NOTES:

- MOUNT SO THAT PHOTO CELL IS FACING NORTH.
- INSTALLATION MUST COMPLY WITH LOCAL CODE REQUIREMENTS.
- STEEL POLE TO HAVE A BREAKAWAY BASE AS REQUIRED BY THE CITY OF EL PASO.
- POLE SHALL BE GROUNDED AS REQUIRED BY N.E.C. LATEST EDITION.
- A GROUND ROD MUST BE USED.
- LOCK WASHER MUST BE INCLUDED ON ALL ANCHOR BOLTS.
- FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
- CONCRETE FOUNDATION DIMENSIONS ARE AS FOLLOWS:

DIAMETER: (X)	DEPTH: (Y)
NORMAL SOIL: 24"	72"
ROCKY SOIL: 24"	60"
- CONCRETE FOR FOUNDATION SHALL BE 3000 PSI. 3/4" ROCK AGGREGATE AND HAVE 5" SLUMP.
- ANCHOR BOLTS WITH 4" HOOKS, THREAD END GALVANIZED 1" DIA. X 36" LONG, EACH BOLT FURNISHED WITH 2 HEX NUTS AND 2 FLAT WASHERS ARE SUPPLIED WITH THE STEEL POLE.
- ON STREET WHERE SIDEWALK IS ADJACENT TO CURB, STREET LIGHT POLE SHALL BE INSTALLED IN THE SIDEWALK NEXT TO PROPERTY LINE. 36 INCHES REQUIRED FROM BACK OF CURB TO COMPLY WITH AMERICAN DISABILITY'S ACT AND LOCAL CODES.

STREET LIGHT LOCATION

THE FOLLOWING GENERAL STANDARDS SHALL GOVERN THE INSTALLATION OF STREET LIGHT IN RESIDENTIAL SUBDIVISIONS.

THE CENTER OF THE INTERSECTION AND THE CENTER OF THE CURVE'S ARC SHALL HAVE A MINIMUM ILLUMINATION OF 0.2 FOOTCANDLES. ILLUMINATION MAY DERIVE FROM MORE THAN ONE SOURCE. A CITY OF EL PASO STANDARD 30-FOOT HIGH, 100-WATT, HIGH PRESSURE, SODIUM RESIDENTIAL STREET LIGHT HAS AN ILLUMINATION OF 0.2 FOOTCANDLES AT A DISTANCE OF APPROXIMATELY 185 FEET FROM THE LIGHT.

EXHIBIT "B"

AS-BUILT
NOVEMBER 1, 2007

DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE ELEVATION: 3741.66 (CITY DATUM)	HOR: N/A VER: N/A FILE NAME: 08-09_ILUM.DWG W.O. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	BRADLEY ROE P.E. 31886

LOS NOGALES ACRES REPLAT C
ILLUMINATION AND TRAFFIC
SIGN DETAILS

Brady Roe Engineering, L.C.
601 N. Cotton St. Suite No. 6 El Paso, Tx, 79902
(915) 533-1419 FAX: (915) 533-4972
EMAIL: roeng@brbell.net
ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING

SHEET 9 OF 10

600775

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STORM WATER POLLUTION PREVENTION PLAN NARRATIVE

Project Title LOS NOGALES ACRES REPLAT C

Operator with Control Over Construction Plans and Specifications (Company Name and Address)
William Richards

Operator's Representative
William Richards, Owner
Phone No. 915-585-2021

Prepared by
Roe Engineering, L.C.
Date

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signatory Name and Title
BRADLEY ROE, R.P.L.S., P.E.
Signature: S/ BRADLEY ROE

Operator with Day-to-Day Operational Control Over Activities to Ensure Compliance with SWPPP
Company Name and Address: 7244B ROYAL ARMS DRIVE, EL PASO, TEXAS 79912
WILLIAM RICHARDS
Operator's Representative: WILLIAM RICHARDS, OWNER
Phone No. 915-585-2021

Revisions to SWPPP

Revision No.	Date	Description of Changes	Signature

Copy of NOI(s) or Site Notice(s) and TPDES General Permit TXR150000 attached?
Name of Receiving Water(s)

Name of Municipal Separate Storm Sewer System (MS4) Receiving Discharge (if applicable)

Total Area of Property 3.4576± Acres
Total Area of Site to be Disturbed 3.4576± Acres
Total Area of Off-site Material Storage & Borrow/Fill Sites N/A Acres

Description of Project/Construction Activity

Sequence of Major Construction Activities. Provide a description of the intended sequence of major activities that will disturb soils. Describe the general timing or sequence for implementation (and removal) of BMPs that will be used to minimize pollution in runoff.

Activity/BMP	Estimated Start	Estimated Completion

Existing Topography and Drainage Features. Describe the existing topography, drainage patterns, and natural drainage features including channels, creeks, watercourses, etc. Provide name (if available) of creeks, streams, etc. and protection measures such as buffers.

1. Previously graded land with fill material and no vegetation.
2. Topography is generally level across the site.
3. Substratum consisting of poorly graded sand with various amounts of silt.

Revision _____ Date _____ Erosion Page _____ of _____

Soil Types	Erosion Factor (K)	Unified Classification	Site Coverage (%)

Existing (Pre-construction) Ground Cover. Describe existing vegetation on the drawing. Such features as tree clusters, grassy areas, and unique or sensitive vegetation should be shown.

Type of Grass/Vegetation/Trees	Approximate Density (%)	Site Coverage (%)

Critical Areas. Describe the location, size, and characteristics of any wetlands, streams, or lakes that are adjacent or in close proximity to the site, and/or will receive discharges from disturbed areas of the project. Also delineate areas with high erosion potential including steep slopes. Critical areas are shown in drawing.

Description of Potential Pollutants. Describe potential pollutants, including construction and waste materials, chemicals, paints, solvents, etc. expected to be stored on-site.

At a Minimum, Any Products in the Following Categories Shall Be Considered Hazardous: Paint, Acids for Cleaning Masonry Surfaces, Cleaning Solvents, Asphalt Products, Chemical Additives for Soil Stabilization, Curing Compounds and Additives in the Event of a Soil Which May Be Hazardous. The Contractor Shall Take Immediate Action and Contact the Fire Department and TNOC.

Existing Storm Sewer System. Describe any existing onsite storm sewer systems including location of inlets and outfalls, pipe sizes, etc.

Permanent (Post-Construction) Storm Water Management Controls. Provide a description of measures that will be installed to control pollutants (sediment, oil, grease, fertilizer, pesticides, etc.) in storm water discharges that will occur after construction is complete and the developed property is placed in service.

Installation of Header Curbs.

Revision _____ Date _____ Page _____ of _____

Permanent (Post-Construction) Storm Water Management Controls. Provide a description of measures that will be installed to control pollutants (sediment, oil, grease, fertilizer, pesticides, etc.) in storm water discharges that will occur after construction is complete and the developed property is placed in service.

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Installation of Header Curbs.

TEN ELEMENTS OF A CONSTRUCTION SWPPP

For each of the following Ten Elements, describe the measures used to address the element. Include the type and location of BMPs used to satisfy the required element and the general timing or sequence for implementation. If an element is not applicable to a project, provide a written justification for why it is not necessary.

1. LIMIT SOIL DISTURBANCE

Provide a description of the areas including natural drainage features, trees and other vegetation, and appropriate buffers that are to be preserved within the construction area and the measures to be implemented to ensure protection.

2. PREVENT SOIL EROSION

Describe the temporary and permanent stabilization practices for disturbed areas of the site, including a schedule of when the practices will be implemented.

- Contractor Shall Water Down the Grading Area Periodically So As to Limit the Distribution of Dust From the Work Site in Compliance With the City Approved Grading Ordinance.
- Contractor Shall Install Silt Fencing in Accordance With the Details and Specifications, Outlined on This Sheet.

3. PROTECT SLOPES

Describe practices used to protect slopes and divert flows away from exposed soils or disturbed areas.

4. MINIMIZE SEDIMENT LOSS FROM SITE

Describe the practices to lessen the off-site transport of sediment and to reduce generation of dust. Sediment basins are required, where feasible, for common drainage locations that serve an area with ten or more acres disturbed at one time.

- Control Flow Rates and Stabilize Channels/Outfalls. Provide a description of velocity dissipation devices used at discharge locations and channel stabilization measures to provide non-erosive flows.

6. Establish Construction Access. Provide a description of measures to minimize the off-site tracking of sediment by vehicles.

7. Protect Drain Inlets. Provide a description of inlet protection measures to prevent sediment from entering the storm drain system.

5. CONTROL Dewatering

Provide a description of controls to prevent the off-site transport of suspended sediments and other pollutants in discharges from dewatering operations.

9. Control Waste and Pollutants. Provide a description of controls to reduce pollutants and spill prevention and response procedures associated with construction and waste materials. Also provide a description of controls and measures that will be implemented to minimize pollutants in any discharges associated with industrial activity other than construction (i.e., dedicated asphalt or concrete plants) covered by the Construction General Permit.

10. Construction Phasing and Project Management. Provide a description of considerations given to project phasing in order to reduce the amount of soil exposed at one time.

SUB - CONTRACTOR CERTIFICATION

I Certify Under Penalty of Law That I Will Coordinate, Either Through the General Contractor, Owner, Or Directly With the Contractor(s) And/Or Subcontractor(s) Identified in the Pollution Prevention Plan Having Responsibility for Implementing Storm Water Control Measures to Minimize Any Impact My Actions May Have On the Effectiveness of These Storm Water Control Measures.

Signature: _____ Date: _____ Title: _____ Company: _____ Address: _____ Telephone: _____

Signature: _____ Date: _____ Title: _____ Company: _____ Address: _____ Telephone: _____

Signature: _____ Date: _____ Title: _____ Company: _____ Address: _____ Telephone: _____

Signature: _____ Date: _____ Title: _____ Company: _____ Address: _____ Telephone: _____

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Signature: _____ Date: _____ Title: _____ Company: _____ Address: _____ Telephone: _____

Signature: _____ Date: _____ Title: _____ Company: _____ Address: _____ Telephone: _____

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:

- Install Temporary Erosion And Sediment Controls (e.g. Silt Fence And/ Or Earthen Berm, And Stabilized Construction Entrance), From 20' to 20'.
- Perform Roadway Clearing And Grubbing: From 20' to 20'.
- Excavation For Utilities: From 20' to 20'.
- Complete Lot Grading: From 20' to 20'.
- Construction of Site Improvements: From 20' to 20'.
- After Stabilization Of 70% Of Site is Complete, Remove Temporary Controls in 1 Above And Submit Notice Of Termination Form To City, Engineering And E.P.A.

EROSION AND SEDIMENT CONTROL

SOIL STABILIZATION PRACTICES

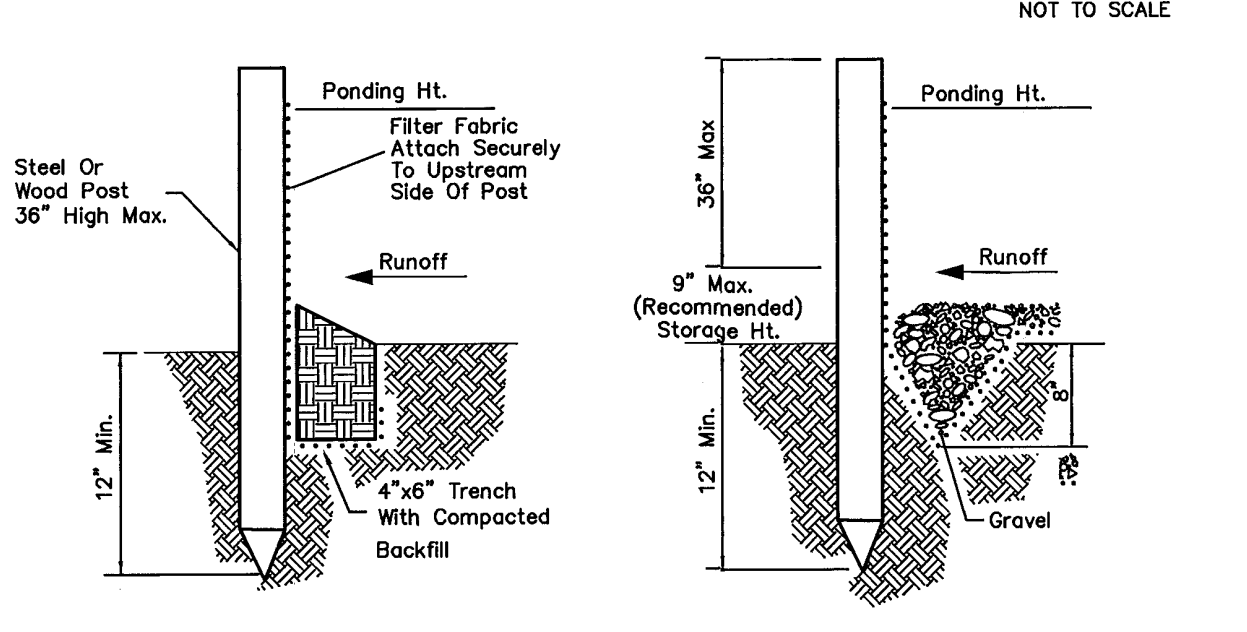
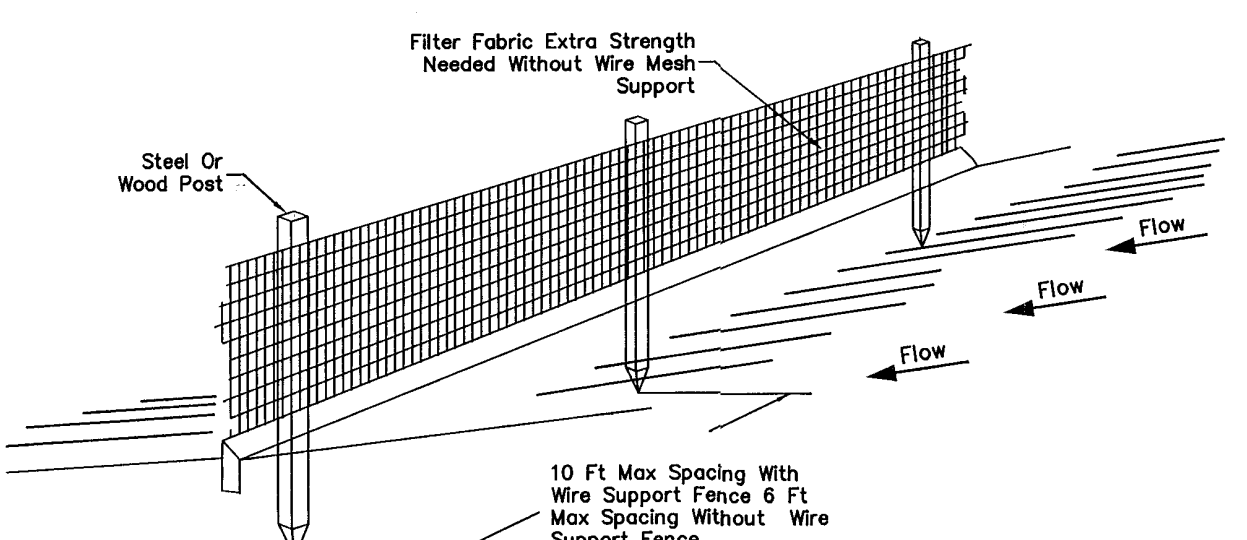
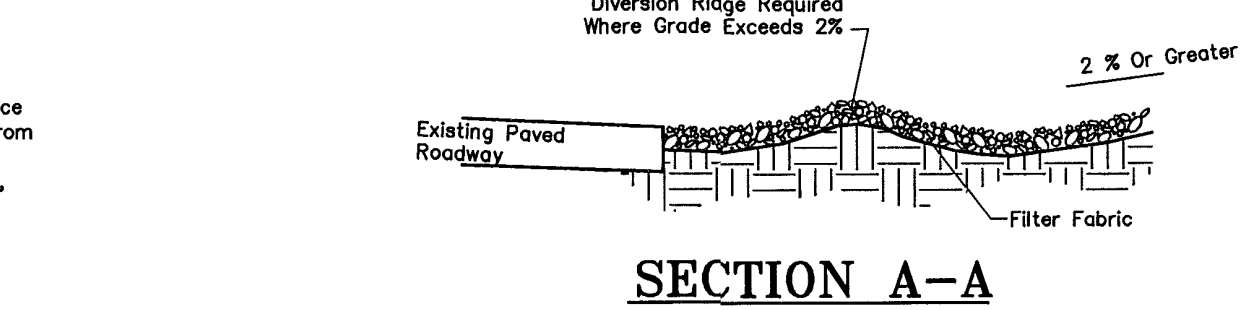
- Temporary Seeding
- Permanent Planting, Sodding, Or Seeding
- Mulching
- Soil Retention Blanket
- Buffer Zones
- Preservation Of Natural Resources

STRUCTURAL PRACTICES:

- Silt Fences (Temporary)
- Hay Bales
- Rock Berms
- Diversion, Interceptor, Or Perimeter Dikes
- Diversion, Interceptor, Or Perimeter Swales
- Diversion Dike And Swale Combinations
- Pipe Slope Drains
- Concrete Flumes
- Rock Bedding At Construction Exit (Temporary)
- Timber Matting At Construction Exit
- Channel Liners
- Sediment Traps
- Sediment Basins
- Storm Inlet Sediment Trap
- Stone Outlet Structures
- Header Curbs (Permanent)
- Storm Drains (Permanent)
- Velocity Control Devices
- Vegetated Swales & Natural Depressions

CONSTRUCTION SPECIFICATIONS

- The Height of A Silt Fence Shall Not Exceed 36 Inches. Storage Height Shall Never Exceed 10".
- The Fence Line Shall Follow The Contour As Closely As Possible.
- If Possible, The Filter Fabric Shall Be Cut From A Continuous Roll To Avoid The Use of Joints. When Joints Are Necessary, Filter Cloth Shall Be Spliced Only At A Support Post, With A Minimum 6-Inch Overlap And Both Ends Securely Fastened To The Post.
- Posts Shall Be Spaced A Maximum Of 10 Feet Apart And Driven Securely Into The Ground (Minimum Of 12 Inches). When Extra Strength Fabric Is Used Without The Wire Support Fence, Post Spacing Shall Not Exceed 6 Feet.
- A Trench Shall Be Excavated Approximately 4 Inches Wide And 6 Inches Deep Along The Line Of Posts And Upslope From The Barrier.
- When Standard-Strength Filter Fabric is Used, A Wire Mesh Support Fence Shall Be Fastened Securely To The Upslope Side Of The Posts Using Heavy Duty Wire Staples At Least 1 Inch Long. The Wires Or Hog Rings The Wire Mesh Shall Extend Into The Trench A Maximum Of 2 Inches And Shall Not Extend More Than 36 Inches Above The Original Ground Surface.
- The Standard-Strength Filter Fabric Shall Be Stapled Or Wired To The Fence, And 6 Inches Of The Fabric Shall Extend Into The Trench. The Fabric Shall Not Extend More Than 36 Inches Above The Original Ground Surface. Filter Fabric Shall Not Be Stapled To Existing Trees.
- When Extra-Strength Filter Fabric And Closer Post Spacing Are Used, The Wire Mesh Support Fence May Be Eliminated. In Such A Case, The Filter Fabric is Stapled Or Wired Directly To The Posts.
- The Trench Shall Be Backfilled And The Soil Compacted Over The Top Of The Filter Fabric.
- Silt Fences Placed At The Toe Of A Slope Shall Be Set At Least 5 Feet From The Toe In Order To Increase Ponding Volume.
- Silt Fences Shall Be Removed When They Have Served Their Useful Purpose, But Not Before The Upslope Area Has Been Permanently Stabilized, And Any Sediment Stored Behind The Silt Fence Has Been Removed.



INSPECTION AND MAINTENANCE

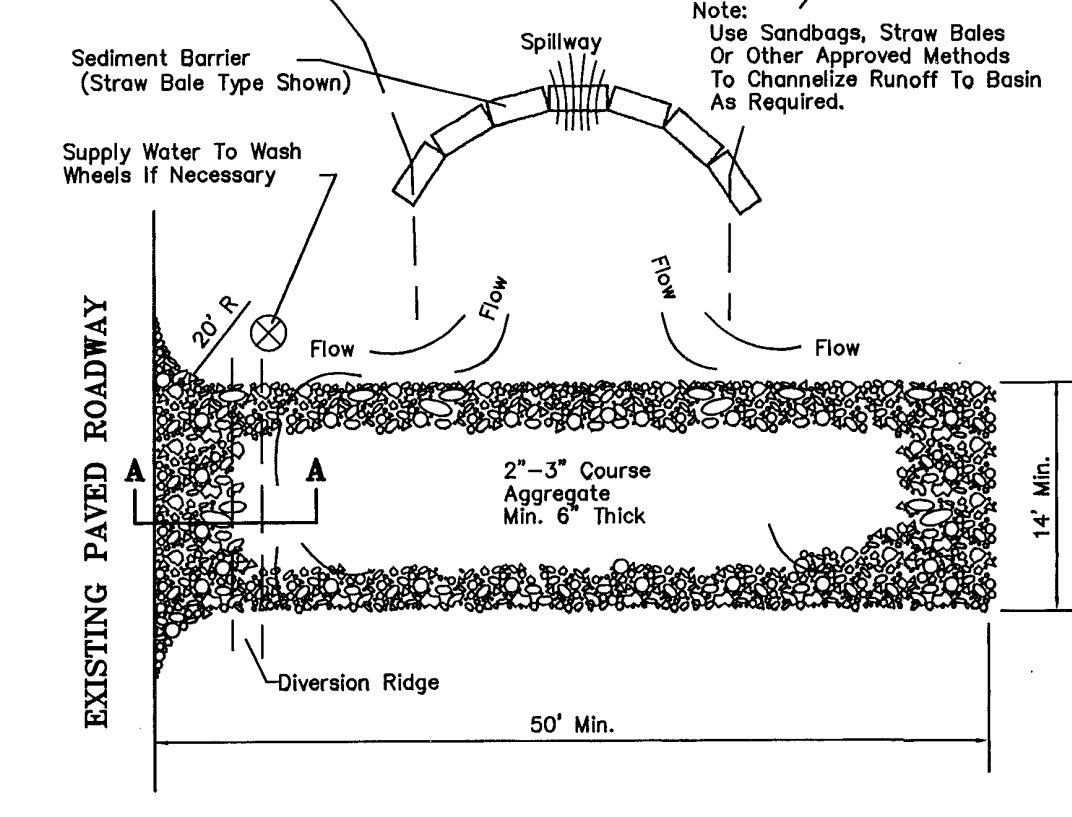
- Silt Fences And Filter Barriers Shall Be Inspected Weekly And After Each Significant Storm (1" In 24 Hr.). Any Required Repairs Shall Be Made Immediately.
- Sediment Shall Be Removed When It Reaches 1/3 Height Of The Fence Or 9 Inches Maximum.
- The Removed Sediment Shall Be Stabilized Or Otherwise Be Stabilized.

NON-STORMWATER DISCHARGES ALLOWED

A. No person shall introduce or cause to be introduced into the municipal separate storm sewer system (MS4) or waters within the jurisdiction of the city any discharge that is not composed entirely of stormwater.

B. It is an affirmative defense to any enforcement action for violation of subsection A of this section that the discharge was composed entirely of one or more of the following categories of discharges:

- A discharge authorized by, and in full compliance with, an NPDES permit (other than the NPDES permit for discharges from the MS4);
- A discharge resulting from firefighting;
- Agricultural stormwater runoff;
- A discharge from water line flushing, but not including a discharge from water line disinfection by superchlorination or other means unless it contains no harmful quantity of chlorine or any other chemical used in line disinfection;
- A discharge from lawn watering, landscape irrigation, or other irrigation water;
- A discharge from a diverted stream flow or natural spring;
- A discharge from uncontaminated pumped groundwater or rising groundwater;
- Uncontaminated groundwater infiltration (as defined as 40 CFR Section 35.2005 (20)) to the MS4;
- Uncontaminated discharge from a foundation drain, crawl space pump, footing drain or sump pump;
- A discharge from a potable water source not containing any harmful substance or material from the cleaning or draining of a storage tank or other container;
- A discharge from air conditioning condensation that is unmixing with water from a cooling tower, emissions scrubber, emissions filter, or any other source of pollutant;
- A discharge from individual residential or charity car washing;
- An uncontaminated discharge from riparian habitat or wetland;
- A discharge from water used in street washing; provided, that the water is not contaminated with any harmful cleaning substance;
- No affirmative defense shall be available under subsection B of this section if the discharge or flow in question has been determined by the city to be a source of pollutant or pollutants to the waters of the United States or to the MS4, and written notice of such determination has been provided to the discharger. (Ord. 13477 § 1 (part), 1998)



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE / EXIT

TEMPORARY GRAVEL ENTRANCE/EXIT NOTES

- The Entrance Shall Be Maintained in a Condition That Will Prevent Tracking Or Flowing Of Sediment Onto Public Rights-Of-Way. This May Require Top Dressing, Repair, And/Or Cleanup Of Any Measures Used To Trap Sediment.
- When Necessary, Wheels Shall Be Cleaned Prior To Entrance Onto Public Right-Of-Way.
- When Washing is Required, It Shall Be Done On An Area Stabilized With Crushed Stone That Drains Into An Approved Sediment Trap Or Sediment Basin.

BEST MANAGEMENT PRACTICES CONTROLS

I SANITARY WASTE:

All Sanitary Waste Shall Be Collected From The Construction Portable Units As Necessary Or As Required, Chapter 18.08 (Building Code), By A Licensed Sanitary Waste Management Contractor. All Waste Material Shall Be The Responsibility Of The Contractor.

II SPILL PREVENTION:

The Following Practices Shall Be Used To Reduce The Risk Of Spills Or Other Accidental Exposures Of Materials To Storm Water Runoff.

III GOOD HOUSEKEEPING:

- Store Only Enough Products Required To Do The Job
- Neatly Store Materials On-Site In An Orderly Manner
- Keep Products in Their Original Container
- Do Not Mix Substances With One Another, Unless Otherwise Recommended By The Manufacturer
- Use Entire Contents Of A Product Before Disposing The Container
- Follow Manufacturer's Recommendations For Proper Use And Disposal

IV HAZARDOUS PRODUCTS:

Practices Used To Reduce Risks:

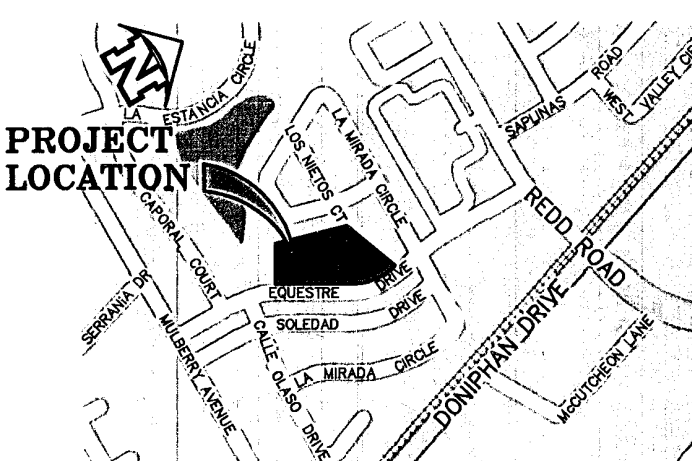
- Keep Products in Their Original Container If At All Possible
- Retain Original Labels, Product Information And Material Safety Data Sheets (MSDS)
- Dispose Surplus Product in Accordance With Manufacturer's Or Local & State Recommended Methods

V PETROLEUM PRODUCTS:

All On-Site Vehicles Shall Be Monitored For Leaks And Receive Regular Preventive Maintenance To Reduce The Chance Of Leaks. Petroleum Products Shall Be Stored In Tightly Sealed Containers Which Are Clearly Labeled. Any Asphalt Substances Used On-Site Shall Be Applied According To The Manufacturer's Recommendation.

VI SPILL CONTROL PRACTICES:

- Manufacturer's Recommended Methods For Spill Cleanup Shall Be Clearly Posted And Site Personnel Shall Be Made Aware Of The Procedures:
- Materials And Equipment Necessary For Spill Cleanup Shall Be Kept In The Material Storage Area On-Site:
- All Spills Shall Be Cleaned Up Immediately After Discovery
- Spill Area Shall Be Well Ventilated And Appropriate Clothing Will Be Worn:
- Any Spill Shall Be Reported To The Appropriate Governmental Agency
- Measures Shall Be Taken To Prevent A Spill From Recurring



LOCATION MAP
SCALE: 1" = 100'

NOTES:
There Are No Listed Endangered Or Threatened Species Or Designated Critical Habitat in The Project Area.
There is No Historical Impact Within The Project Limits.
A Copy Of The TPDES General Permit TXR150000 (Permit Language) Shall Be Read, Understood, And Maintained On Site By The Operator.
No Asphalt/Bitum plant

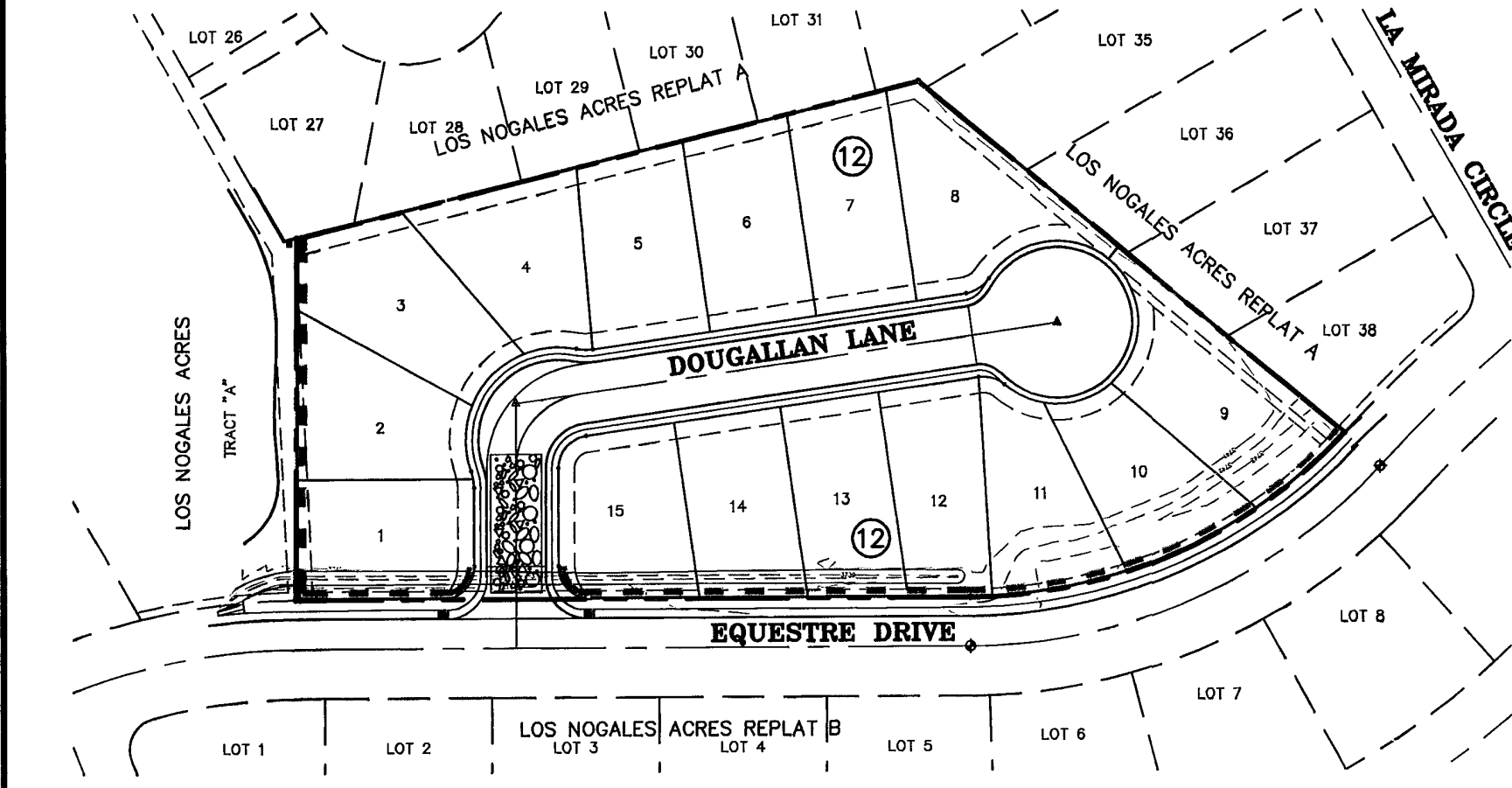
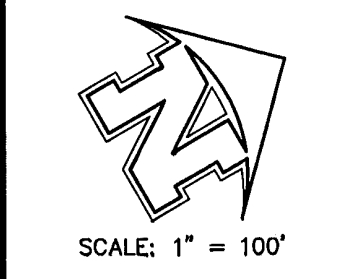
VII MAINTENANCE AND INSPECTION PROCEDURES:

All Pollution Prevention Measures Shall Be Inspected At Least Once A Month Or Within 24-Hours Prior To Anticipated Storm Event And Following A Storm Event Of 0.5 Inches Or More. Inspection In Final Stabilized Areas Or During Arid Periods Will Be Conducted Monthly. Best Management Practices And Pollution Control Procedures Shall Be Inspected For Adequacy. A Report Summarizing The Scope Of Inspection Shall Be Done & Retained Along With The SWPPP.

VIII REMARKS:

Disposal Areas, Stockpiles, And Haul Roads Shall Be Constructed In A Manner That Will Minimize And Control The Amount Of Sediment That May Enter Receiving Waters. Disposal Areas Shall Not Be Located In Any Wetland, Waterbody Or Streambed. Construction Staging Areas And Vehicle Maintenance Areas Shall Be Constructed By The Contractor In A Manner To Minimize The Runoff Of Pollutants. All Waterways Shall Be Cleaned As Soon As Practicable Of Temporary Embankment, Temporary Bridges, Matting, Footwork, Filing Debris Or Other Obstructions Placed During Construction Operations That Are Not A Part Of The Finished Work.

AS-BUILT
NOVEMBER 1, 2007



LEGEND

(Symbol)	Proposed Stabilized Entrance / Exit
(Symbol)	Silt Fencing

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DATE	REVISIONS	BY	BENCHMARK	SCALE	CERTIFICATION
			EXISTING CITY MONUMENT LOCATED AT THE POINT OF CURVATURE OF THE CENTERLINE OF EQUESTRE DRIVE. ELEVATION: 3741.66 (CITY DATUM)	HOR: N/A VER: N/A FILE NAME: 10-SWP3.DWG W.C. 120205-3 DATE: MAY 23, 2006 DESIGN BY: N/A DRAWN BY: J.H. CHKD. BY: H.P. APPD. BY: B.R.	BRADLEY ROE, P.E. 31886

LOS NOGALES ACRES REPLAT C
STORM WATER POLLUTION PREVENTION PLAN
SHEET 10 OF 10

600 775

LOS NOGALES ACRES REPLAT C
STORM WATER POLLUTION PREVENTION PLAN
SHEET 10 OF 10

AS-BUILT
NOVEMBER 1, 2007

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ENGINEERING/LAND DEVELOPMENT/PLANNING/SURVEYING
SHEET 10 OF 10