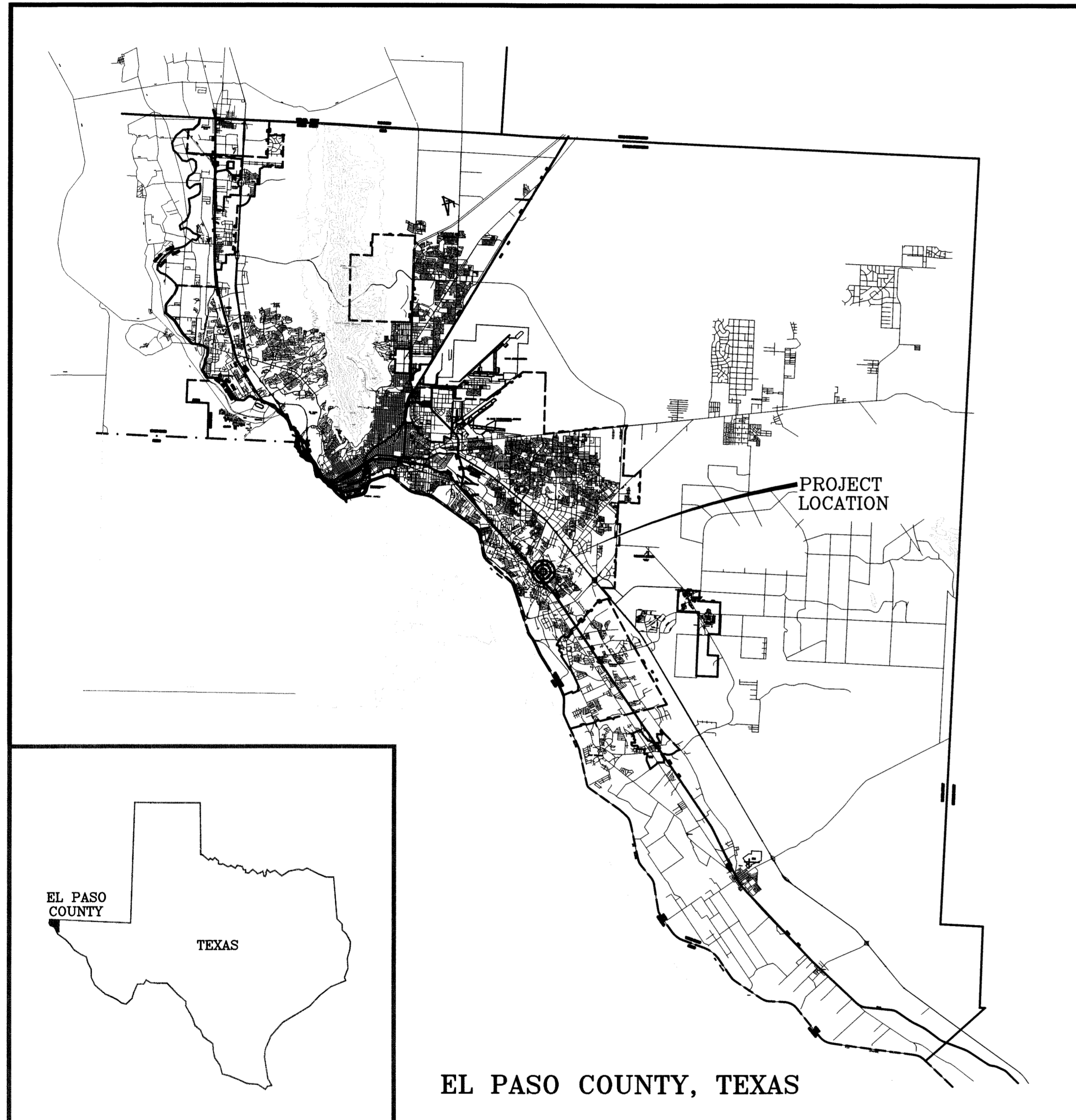
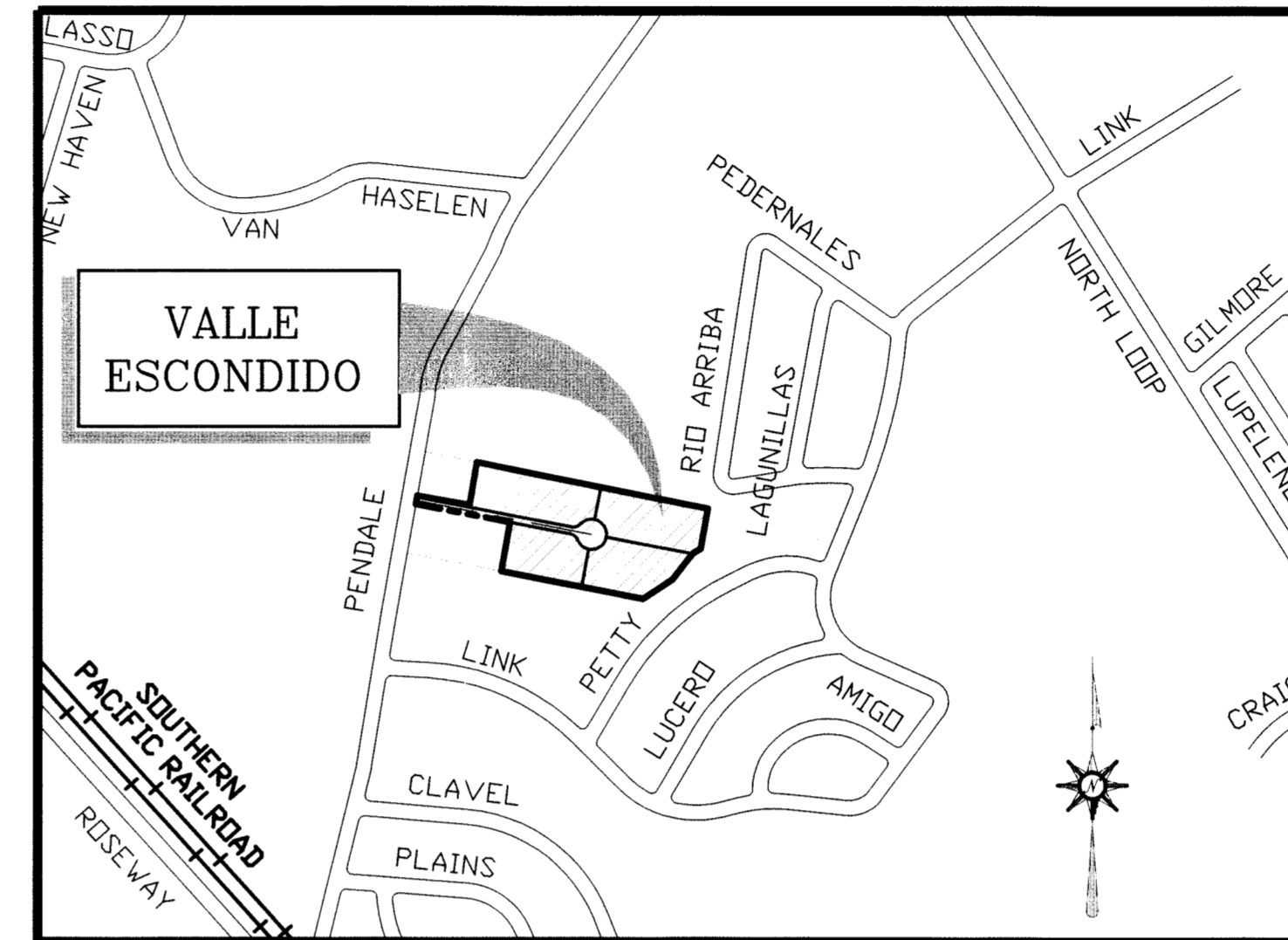


VALLE ESCONDIDO

VICINITY MAP



ADDRESSES: 208, 209, 212 & 213 PUERTA DE HIERRO COURT



LOCATION MAP
SCALE 1" = 500'

IMPROVEMENT PLANS

I N D E X

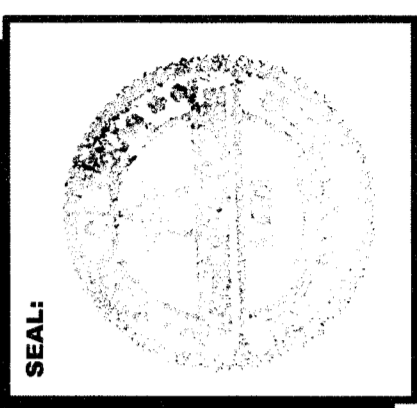
TITLE	SHEET No.
COVER SHEET -----	1 OF 8
PLAT -----	2 OF 8
GRADING PLAN -----	3 OF 8
GRADING SECTIONS -----	4 OF 8
GRADING SECTIONS -----	5 OF 8
DRAINAGE PLAN -----	6 OF 8
S. W. P. P. PLAN -----	7 OF 8
S. W. P. P. PLAN STANDARD DETAILS -----	8 OF 8

DEVELOPMENT SERVICES DEPARTMENT
SITE PLAN REVIEW
 Reviewed For Conformance For Conditions Related To:

<input checked="" type="checkbox"/> Demolition Only	<input checked="" type="checkbox"/> Sidewalks
<input checked="" type="checkbox"/> Grading & Drainage	<input checked="" type="checkbox"/> Driveways
<input checked="" type="checkbox"/> Wheelchair Ramps	<input checked="" type="checkbox"/> Retaining Rock Walls
<input checked="" type="checkbox"/> On Site Parking Layout	<input checked="" type="checkbox"/> On-Site Ponding of Storm Waters

Contractor Must Call 24 Hours Prior To Construction For Inspection
 BY *[Signature]* DATE **9-08-10**

ENGINEER
Clarke Environmental Services, Inc.
 218 CAMP ROAD
 245 CROSSING, MI. 88005
 STATE REGISTRATION NO. F-4660



VALLE ESCONDIDO
 BEING ALL OF TRACT 2D4, BLOCK 9
 YSLETA GRANT
 CITY OF EL PASO, EL PASO COUNTY TX.
 CONTAINING: 190,993.43 SQ. FT. OR 4.3846 ACRES

COVER SHEET

DATE: JUNE 2010
 SCALE: AS SHOWN
 JOB NO.:
 SHEET NO.: **SHT. 1 OF 8**

CD CONSULTING COMPANY
 1790 LEE TREVINO DRIVE SUITE 503
 EL PASO, TEXAS 79936
 TEL (915) 633-6422

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GRADING PLAN

GENERAL NOTES:

- IMPROVEMENTS WITHIN CITY R.O.W. SHALL COMPLY WITH TITLE 19-SUBDIVISION ORDINANCE - "SUBDIVISION IMPROVEMENT DESIGN STANDARDS".
- CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR THE MANAGEMENT OF STORM WATER RUNOFF ENTERING, EXITING AND ON SITE DURING THE COURSE OF THE CONSTRUCTION. TEMPORARY BERMS, DESILTING BASINS, CHECK DAMS, PIPING ETC. SHALL BE PROVIDED AS NECESSARY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND NOTIFYING ALL APPURTENANT UTILITY COMPANIES WHOSE LINES ARE WITHIN THE CONSTRUCTION CONTRACT AREA. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO ANY CONSTRUCTION ON SITE. THE CONTRACTOR WILL BE RESPONSIBLE PHYSICALLY AND FINANCIALLY FOR ANY DISRUPTION TO SERVICE EITHER ON SITE OR OFF SITE DUE TO BREAKAGE OF UTILITY LINES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DATA SHOWN ON THE PLANS. IF DISCREPANCIES ARE FOUND THE CONTRACTOR SHALL NOTIFY THE OWNER OR ENGINEER IMMEDIATELY SO THAT PROPER CORRECTIONS CAN BE MADE.
- EQUIPMENT SHALL BE USED OF A CONDITION AND DESIGN SUFFICIENT TO ENSURE A THOROUGH AND WORKMANLIKE PROSECUTION OF THE PROJECT AT ALL TIMES.
- ALL ELEVATIONS ARE TO CITY DATUM UNLESS OTHERWISE NOTED.
- ALL WASTE MATERIALS INCLUDING EXCAVATION, CURBING, PAVEMENT, ETC. SHALL BE DISPOSED OF AS DESIGNATED BY THE OWNER OR HIS REPRESENTATIVE.
- THE CONTRACTOR SHALL NOTIFY THE OWNER, OR HIS REPRESENTATIVE, IN SUFFICIENT TIME IN ADVANCE OF DELIVERY OF MATERIALS TO BE SUPPLIED BY HIM UNDER THIS PROJECT, IN ORDER THAT THE OWNER MAY ARRANGE, IF DESIRED, INSPECTION AND TESTING FOR SAME.
- SAFE AND REASONABLE ACCESS FOR THIS SITE MUST BE MAINTAINED AT ALL TIMES DURING THE LIFE OF THE PROJECT.
- ANY CAVITY REMAINING OPEN DURING NONWORKING HOURS MUST BE GUARDED BY FLASHER TYPE BARRICADES WITH STRINGERS PLACED BETWEEN THE TOPS OF THE BARRICADES.
- DEVELOPER SHALL COMPLY WITH SECTION 13.08.170 "EXCESSIVE PAVING CUTS" AS PER EL PASO MUNICIPAL CODE.

GENERAL EARTHWORK NOTES:

- ALL GRADING SHALL CONFORM TO THE CITY OF EL PASO GRADING ORDINANCE SECTION 18.44.
- THE CONTRACTOR SHALL CARRY ON HIS WORK WITH SPECIAL CARE AT ALL TIMES TO MAINTAIN THE NATURAL SURROUNDINGS AND EXISTING STRUCTURES IN AN UNDAMAGED CONDITION.
- NATURAL SUBGRADES TO SUPPORT STRUCTURAL FILL OR PAVEMENTS SHOULD BE STRIPPED OF ALL VEGETATION OR ORGANIC TOPSOIL. THE EXPOSED SUBGRADE SHOULD BE SCARIFIED JUST PRIOR TO FILL PLACEMENT TO A MINIMUM DEPTH OF 6 INCHES AND RECOMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS PER ASTM D-1557. ALL BACKFILL MATERIAL TO BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED EIGHT (8") INCH LIFTS AND COMPACTED AS BEFORE.
- TEMPORARY DUST AND EROSION CONTROL MEASURES SHALL BE PROVIDED FOR AT ALL TIMES. SEE SHEET 6 OF 10.
- ANY EROSION OF THE GRADED SITE DURING THE COURSE OF THE PROJECT SHALL BE CORRECTED PRIOR TO FINALIZATION OF THE PROJECT AT NO COST TO THE OWNER.
- ALL SLOPES AND SWALES WITHIN LOTS SHALL BE MAINTAINED BY LOT OWNER.

CONSTRUCTION NOTES:

- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
- 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
- RETAINING WALLS WILL BE REQUIRED WHERE THERE IS A GRADE DIFFERENCE OF 2 OR MORE FEET BETWEEN LOTS AND STREET. RETAINING WALL DESIGN AT TIME OF BUILDING PERMIT.
- 85% COMPACTION REQUIRED ON CUTS & 95% COMPACTION REQUIRED ON FILLS.

REV. DATE: AUGUST 31, 2010
REV. DATE: JUNE 16, 2010

WARNING ! BEFORE YOU DIG

CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UNDERGROUND IMPROVEMENTS IN PROJECT AREA

CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO ANY EXCAVATION AND/OR POSSIBLE RELOCATION OF UTILITIES ENCOUNTERED

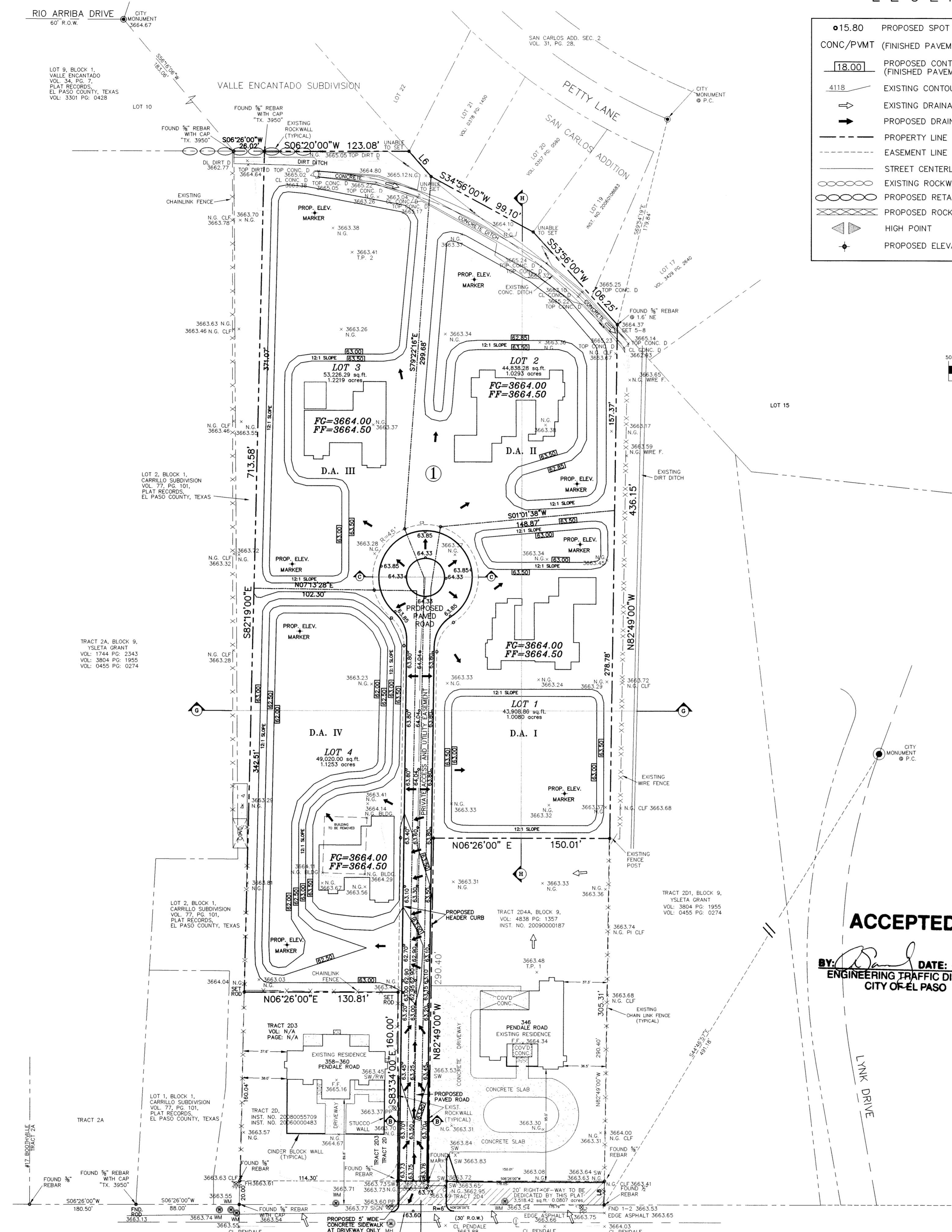
LISTING OF UTILITIES TO BE CONTACTED:

EL PASO WATER UTILITIES.....1-915-594-5527
EL PASO ELECTRIC COMPANY.....1-915-543-5720
TEXAS GAS SERVICE.....1-915-544-6300
AT & T.....1-800-285-6343
TIME WARNER CABLE.....1-915-772-1123
T.E.S.S. (MEMBER UTILITIES).....1-800-852-3786

NOTES:

- THIS PROPERTY LIES IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, PANEL # 480214-0048 C, DATED FEBRUARY 16, 2006.
- BENCHMARK: CITY MONUMENT AT P.I. IN FRONT OF 433 RIO ARRIBA DRIVE. ELEVATION: 3664.67

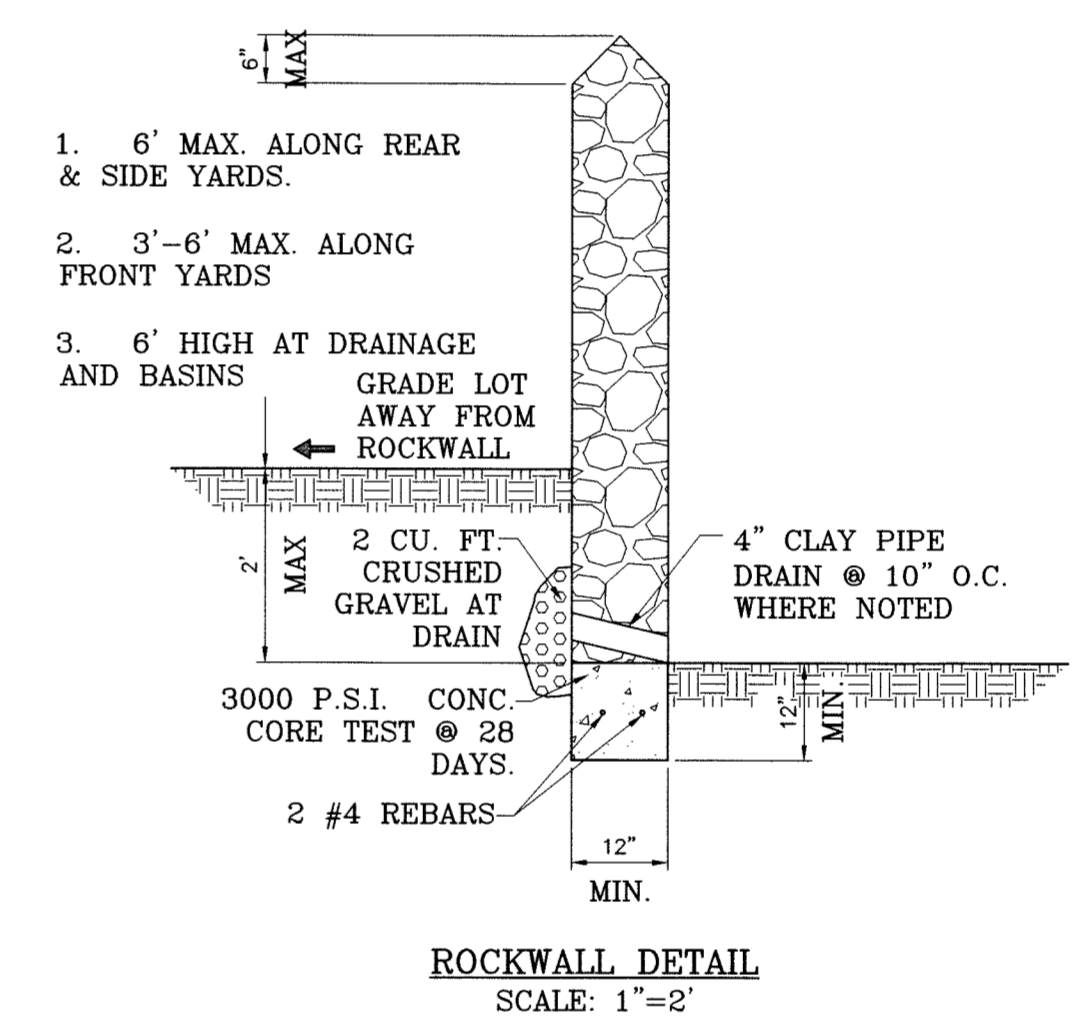
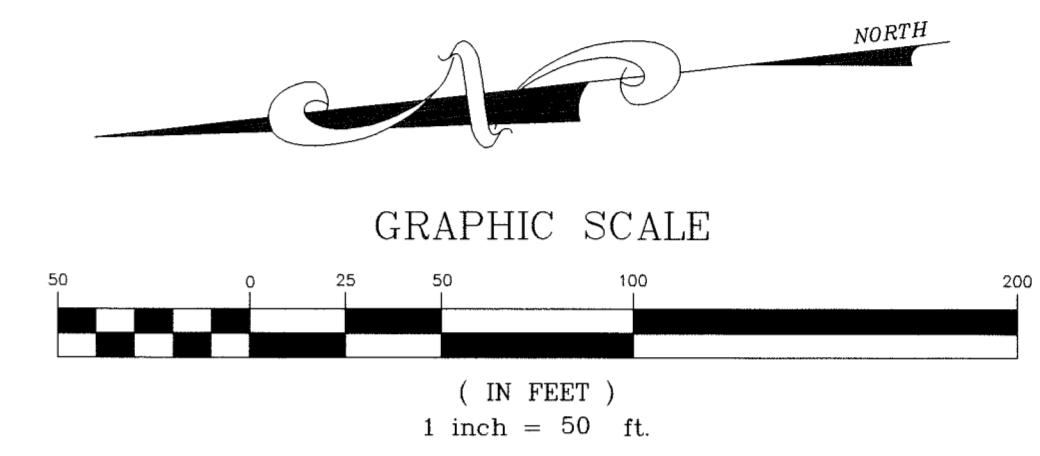
VALLE-ESCONDIDO-GR.DWG ORIG. DATE: JUNE 01, 2010



LEGEND

● 15.80	PROPOSED SPOT ELEVATION
CONC/PVMT	(FINISHED PAVEMENT/CONCRETE ELEV.)
18.00	PROPOSED CONTOUR ELEVATION (FINISHED PAVEMENT ELEVATION)
4118	EXISTING CONTOUR LINE
→	EXISTING DRAINAGE FLOW
→	PROPOSED DRAINAGE FLOW
---	PROPERTY LINE
---	EASEMENT LINE
---	STREET CENTERLINE
---	EXISTING ROCKWALL
---	PROPOSED RETAINING ROCKWALL
---	PROPOSED ROCKWALL
▲	HIGH POINT
+	PROPOSED ELEVATION MARKER

LEGEND	
NG	= NATURAL GROUND
CLF	= CHAIN LINK FENCE
CL	= CENTER LINE
NG	= SIGN
CONC D	= CONCRETE DITCH
DIRT D	= DIRT DITCH
S	= STUCCO WALL
C	= CONCRETE
PP	= POWER POLE
FH	= FIRE HYDRANT
WM	= WATER METER
MH	= MANHOLE
S	= SIGN



ROCKWALL NOTES:

- STONE FOR ROCKWALLS SHALL BE AS NEARLY UNIFORM IN SECTIONS AS IS PRACTICABLE. THE STONE SHALL BE DENSE AND RESISTANT OF AIR AND WATER.
- MORTAR MUST BE TYPE "S" 1800 P.S.I. AS PER ASTM C270.
- MASONRY WALLS OVER SIX (6) FEET IN HEIGHT AND THOSE USED FOR EARTH RETENTION OVER TWO (2) FEET MUST BE DESIGNED AS STRUCTURAL WALLS.
- WALLS ADJACENT TO PONDING AREAS OR DRAINAGE DITCHES MAY BE CONSTRUCTED OF BRICK, CINDER BLOCK, STONE OR OF CINDER BLOCK AND SHALL NOT BE LESS THAN SIX (6) FEET HIGH.
- ROCKWALL MORTAR JOINTS MUST NOT EXCEED TWO (2) INCHES.
- PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET.
- ALL STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED.
- NO RIVER ROCK SHALL BE ALLOWED.

ACCEPTED:

BY: [Signature] DATE: 9 Sept 10
ENGINEERING TRAFFIC DIVISION
CITY OF EL PASO

CONSULTING COMPANY
1790 LEE TREVINO DRIVE SUITE 503
EL PASO, TEXAS 79936
TEL (915) 633-6422

SCHOOL DISTRICT
YSLETA INDEPENDENT SCHOOL DISTRICT
325 SIMS DRIVE 79925

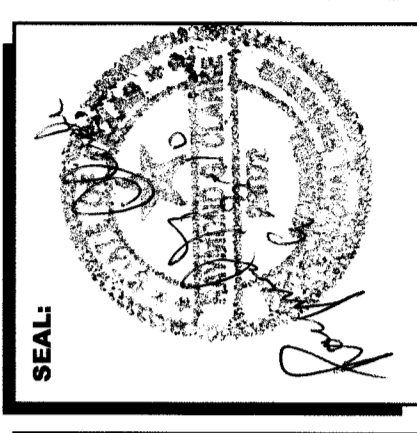
OWNER:
ISIDRO BAQUERA JR.
9365 SAN LORENZO
EL PASO, TEXAS 79907
PHONE: (915) 591-3312

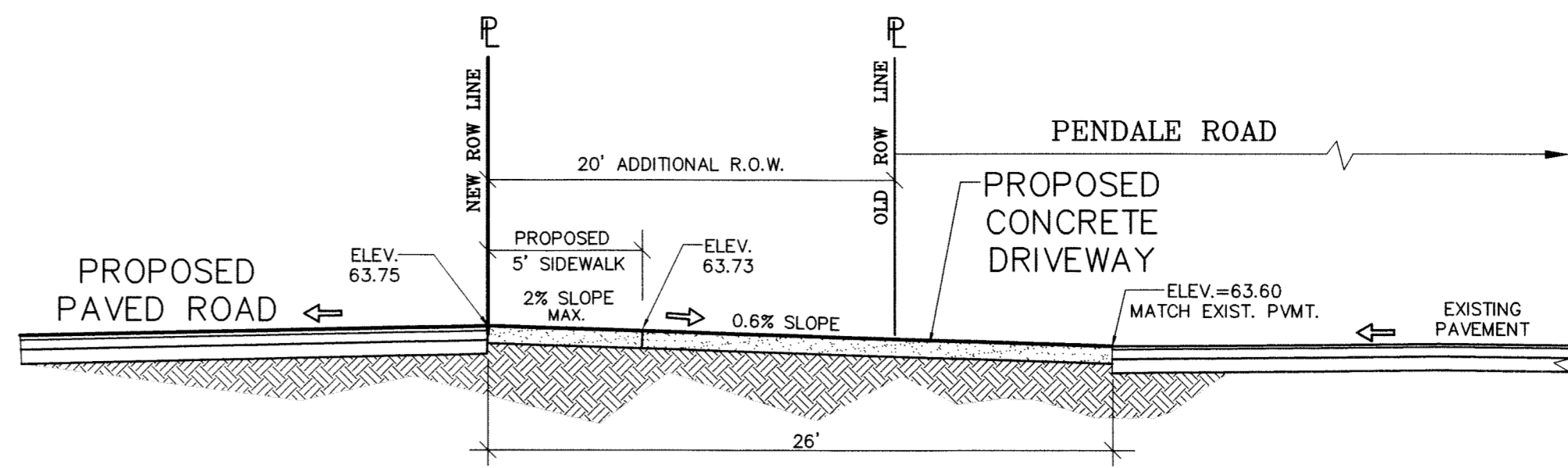
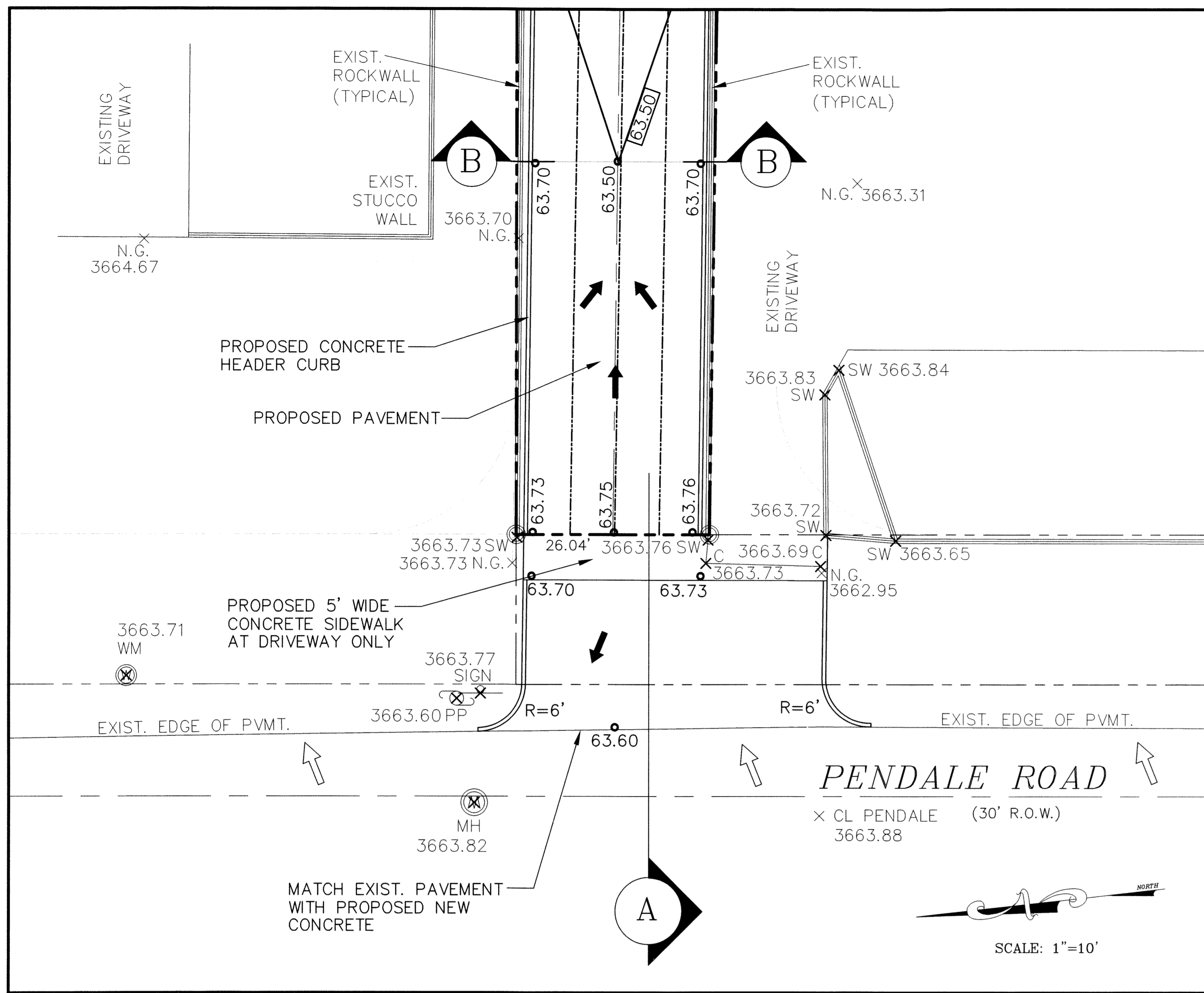
VALLE ESCONDIDO
BEING ALL OF TRACT 2D4, BLOCK 9
YSLETA GRANT
CITY OF EL PASO, EL PASO COUNTY TX.
CONTAINING: 190,993.43 SQ. FT. OR 4.3846 ACRES

GRADING PLAN

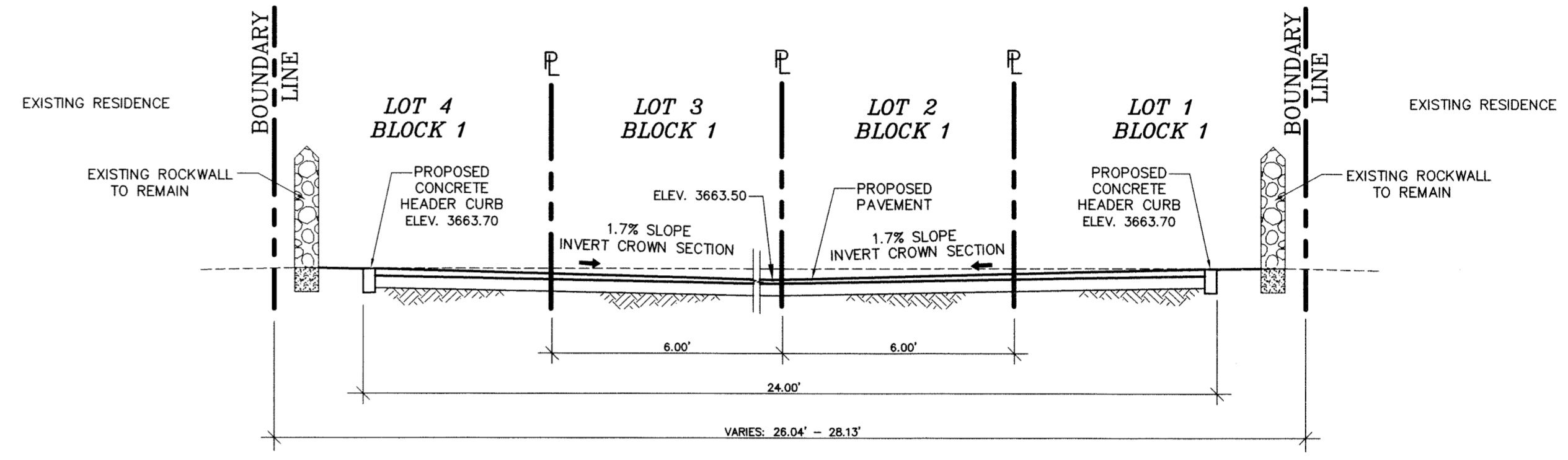
DATE: JUNE 2010
SCALE: AS SHOWN
JOB NO.:
SHEET NO.: SHT. 3 OF 8

ENGINEER:
Clarke Environmental Services, Inc.
218 CAPRI ROAD
LAS CRUCES, NM 87005
STATE REGISTRATION NO. F-4680





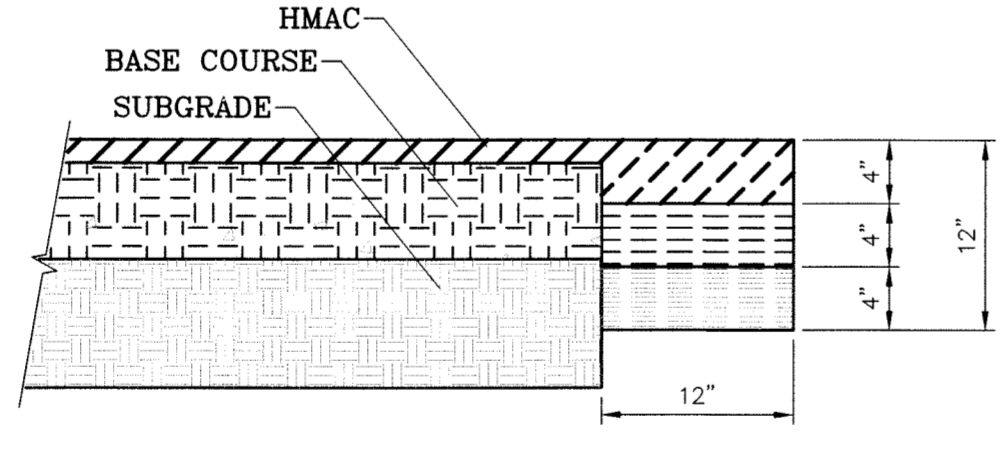
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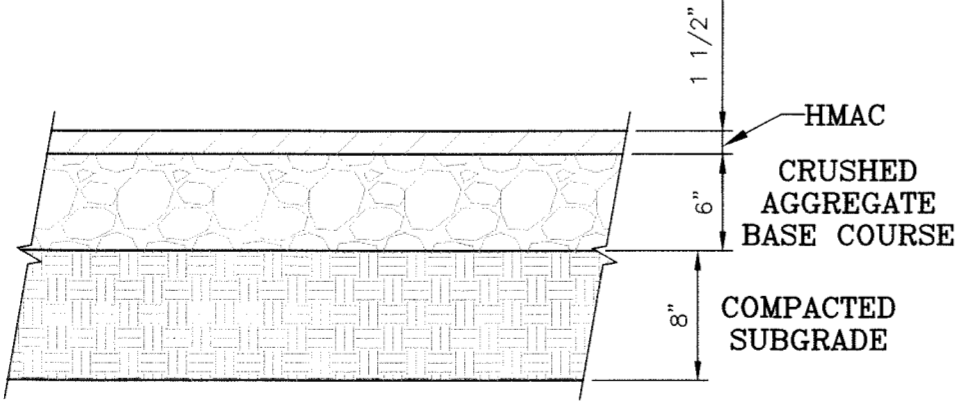
SECTION B - B
SCALE: NTS

SCALE: 1"=10'

- NOTES:**
1. CONCRETE CURB AND RETURNS SHALL BE 3,000 P.S.I. MIN.
 2. DUMMY JOINT REQUIRED AT 10' O.C.
 3. 1/2" PREMOLDED BITUMINOUS EXPANSION JOINT (AASHTO M-33) IS REQUIRED FOR ALL CURB RETURNS. TRIM BITUMINOUS MATERIAL 1/4" LESS THAN NEAT CURB DIMENSION.
 4. SUBGRADE UNDER CURB MUST BE FORMED AND COMPACTED TO 95% ASTM D1557.
 5. EXPANSION JOINTS REQUIRED AT 50' O.C. AND AT CURB RETURNS WHEN FORMING FOR CURBS.



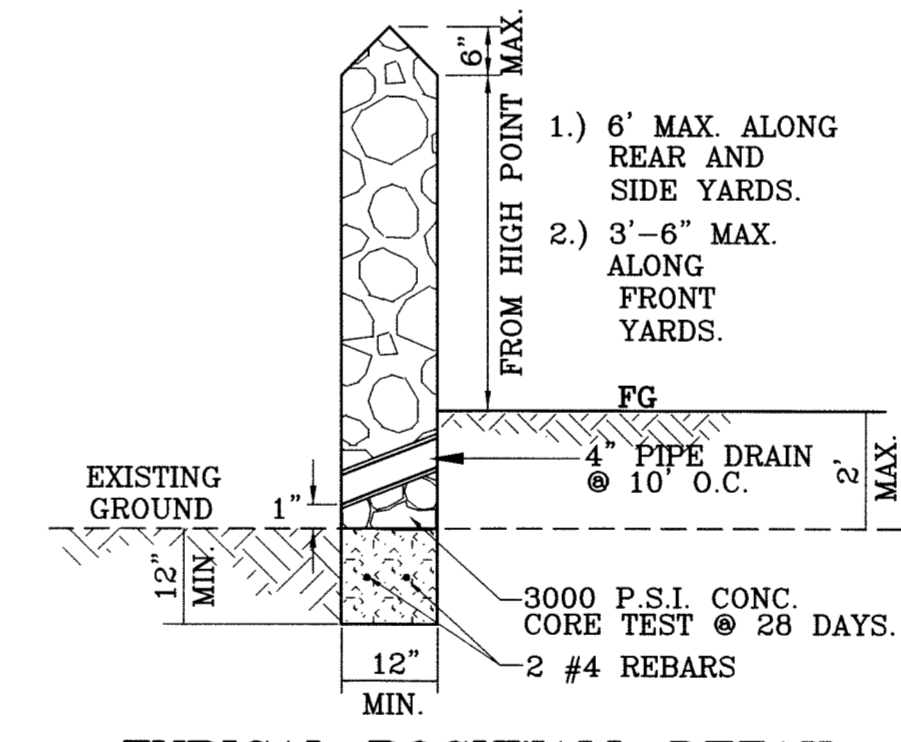
PAVEMENT TERMINUS
SCALE: 1"=1'



R.O.W. PAVEMENT SECTION
SCALE: 1"=1'

NOTE:
THICKENED EDGE SHALL BE CONSTRUCTED IN COURSES NOT OVER 4" IN THICKNESS, EACH COURSE THOROUGHLY COMPACTED BEFORE PLACING NEXT COURSE. FINAL COURSE TO BE PLACED MONOLITHIC WITH PAVEMENT.

NOTE:
IF THE RESULT FOR "CBR" VALUES ARE HIGHER THAN THE MINIMUM PAVEMENT THICKNESS, THE HIGHER VALUES SHALL BE USED.



TYPICAL ROCKWALL DETAIL
SCALE: 1" = 2'

GENERAL NOTES

1. NATURAL STONE SHALL BE SOUND AND FREE FROM LOOSE OR FRIBLE INCLUSIONS AND SHALL MEET REQUIRED STRENGTH AND DURABILITY FOR PROPOSED USE.
2. MORTAR SHALL BE ASTM-20 - 1800 PSI MORART.
3. CONCRETE SHALL BE F'C = 3000 PSI AT 28 DAYS.
4. REINFORCING STEEL SHALL BE ASTM A 615 GRADE 40, FY = 40,000 PSI
5. ALLOWABLE SOIL BEARING PRESSURE = 2,000 PSF MINIMUM.
6. WALL FOOTING SHALL BEAR ON FIRM UNDISTURBED OR COMPACTED GROUND (95% COMPACTION AS PER ASTM D1557).
7. CHANGES IN ALL DIRECTION, WALL HEIGHT OR FOOTING ELEVATION WILL REQUIRE ADDITIONAL DESIGN.
8. BACKFILL MATERIAL SHALL CONSIST OF WELL-DRAINED, COARSE GRAINED SOILS, OR FINE SILTY SANDS WITH NO CLAY CONTENT. BACKFILL MATERIAL SHALL EXERT A HORIZONTAL FORCE OF AN EQUIVALENT FLUID PRESSURE NOT TO EXCEED 50#/FT.
9. SURCHARGE LOADS WILL REQUIRE ADDITIONAL DESIGN.

NOTES

1. The Contractor shall visit and familiarize himself with the Project Site prior to submitting his bid.
2. The Contractor shall schedule and perform his work so as to insure the safe and sufficient passage of stormwater runoff during the course of his operations. All required labor, tools, equipment, and supervision shall be considered incidental to the Work and shall be provided at no additional cost to Owner.
3. The Contractor shall coordinate the construction schedule with the Owner, all affected utility companies, and all other entities having jurisdiction over the Project.
4. The Contractor shall verify all dimensions and grades prior to commencing with the Work. Any discrepancies noted shall be reported immediately to the Project Civil Engineer. Otherwise, the Contractor shall be held responsible for their correctness.
5. Vibratory rollers shall not be permitted on any phase of this Project.
6. All Work on this Project shall be performed in strict conformance with all current safety codes and standards, including but not limited to OSHA requirements.
7. The existing topographic/boundary information on this drawing was obtained from a licensed registered surveyor. The Project Civil Engineer does not warrant the accuracy of this information.
8. **WARNING!** Before excavating, Contractor shall locate and protect all underground utility lines. Contractor shall replace any utilities damaged during construction, at no additional cost to Owner.
9. Contractor shall water construction site area a minimum of twice a day to keep dust to a minimum - once in the morning and once in the afternoon. This shall also be done on weekends and holidays.
10. Contractor shall prevent the erosion of silt, sediment, and debris from the construction site onto adjacent properties and streets. This may be accomplished through the use of a geotextile fabric silt fence or other approved means.
11. Fill materials for site grading and backfill may consist of onsite and/or imported materials.
12. Contractor shall be responsible for the protection of existing improvements in the Project area and its vicinity. Any damages resulting from Contractor's Work shall be repaired to its original condition by the Contractor at no cost to Owner.
13. Contractor shall insure the following: All accessible routes shall not exceed a running slope greater than 1:20. Nowhere shall the cross slope of an accessible route exceed 1:50. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. New wheelchair ramps shall not exceed a slope of 1:12.
14. Contractor shall comply with all federal, state and local environmental regulations during construction activity.
15. Contractor shall be responsible for any and all environmental fines resulting from his/her work and shall hold the owner harmless in such cases.

REV. DATE: AUGUST 31, 2010
REV. DATE: AUGUST 6, 2010

WARNING ! BEFORE YOU DIG
CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UNDERGROUND IMPROVEMENTS IN PROJECT AREA

CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO ANY EXCAVATION AND/OR POSSIBLE RELOCATION OF UTILITIES ENCOUNTERED

LISTING OF UTILITIES TO BE CONTACTED:

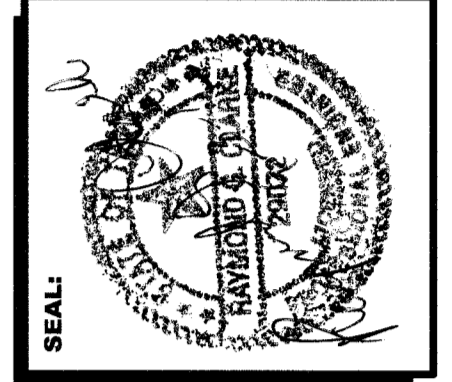
EL PASO WATER UTILITIES.....1-915-594-5527
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TEXAS GAS SERVICE.....1-915-544-6300
AT & T.....1-800-286-8343
TIME WARNER CABLE.....1-915-772-1123
T.E.S.S. (MEMBER UTILITIES).....1-800-852-3786

VALLE-ESCONDIDO-GR-SEC.DWG ORIG. DATE: JUNE 01, 2010

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CONSULTING COMPANY
1790 LEE TREVINO DRIVE SUITE 503
EL PASO, TEXAS 79936
TEL (915) 633-6422

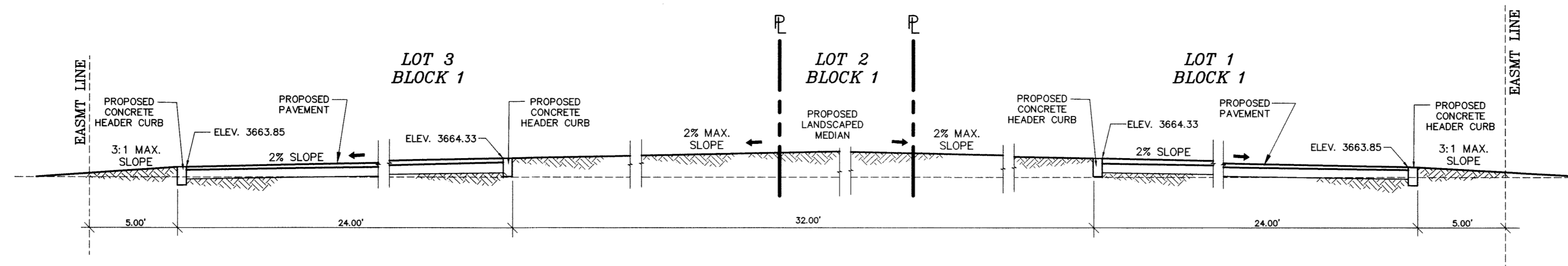
ENGINEER
Clarke Environmental Services, Inc.
218 CARRE ROAD
LAS CRUCES, NM 88005
STATE REGISTRATION NO. F-4680



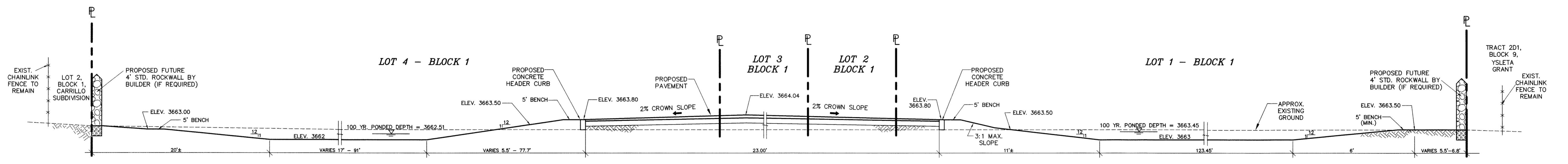
VALLE ESCONDIDO
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YSLETA GRANT
CITY OF EL PASO, EL PASO COUNTY TX.
CONTAINING: 190,993.43 SQ. FT. OR 4.3846 ACRES

GRADING SECTIONS

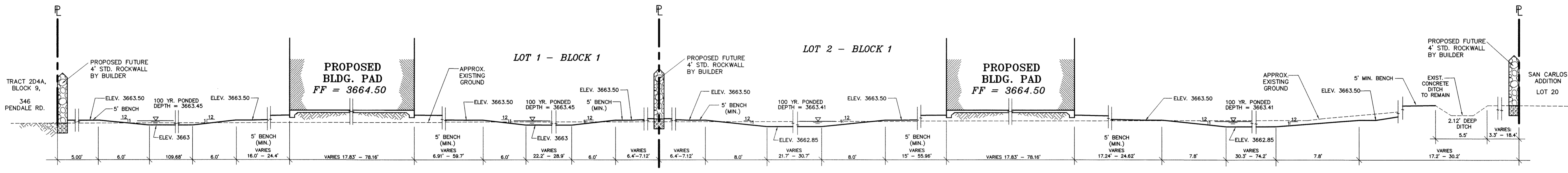
DATE: JUNE 2010
SCALE: AS SHOWN
JOB NO.:
SHEET NO.:
SHT. 4 OF 8



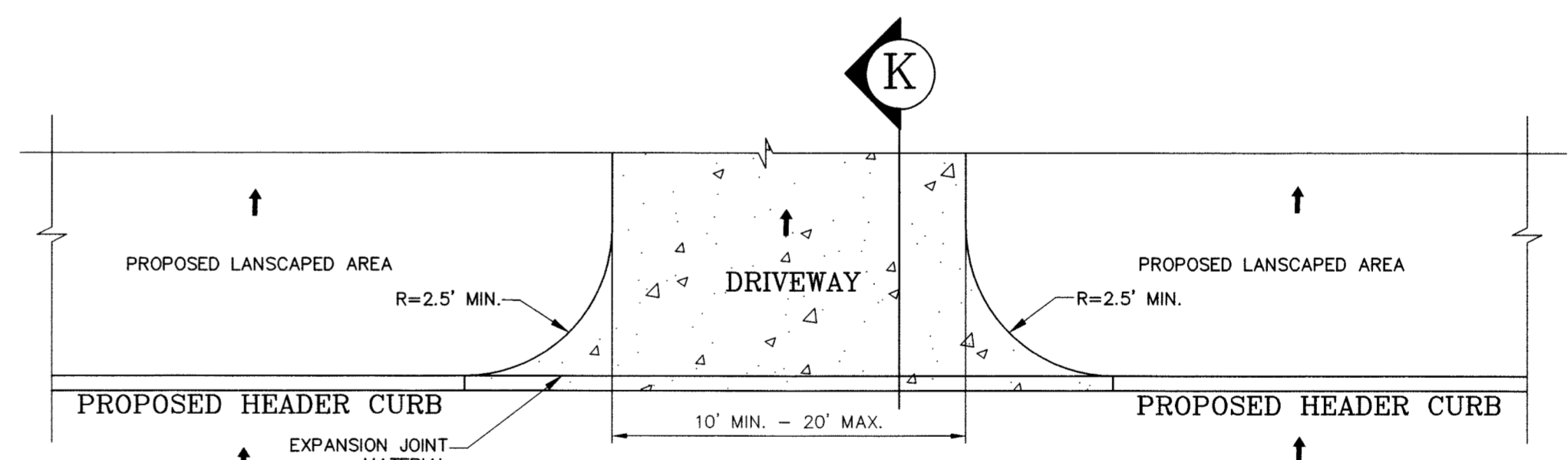
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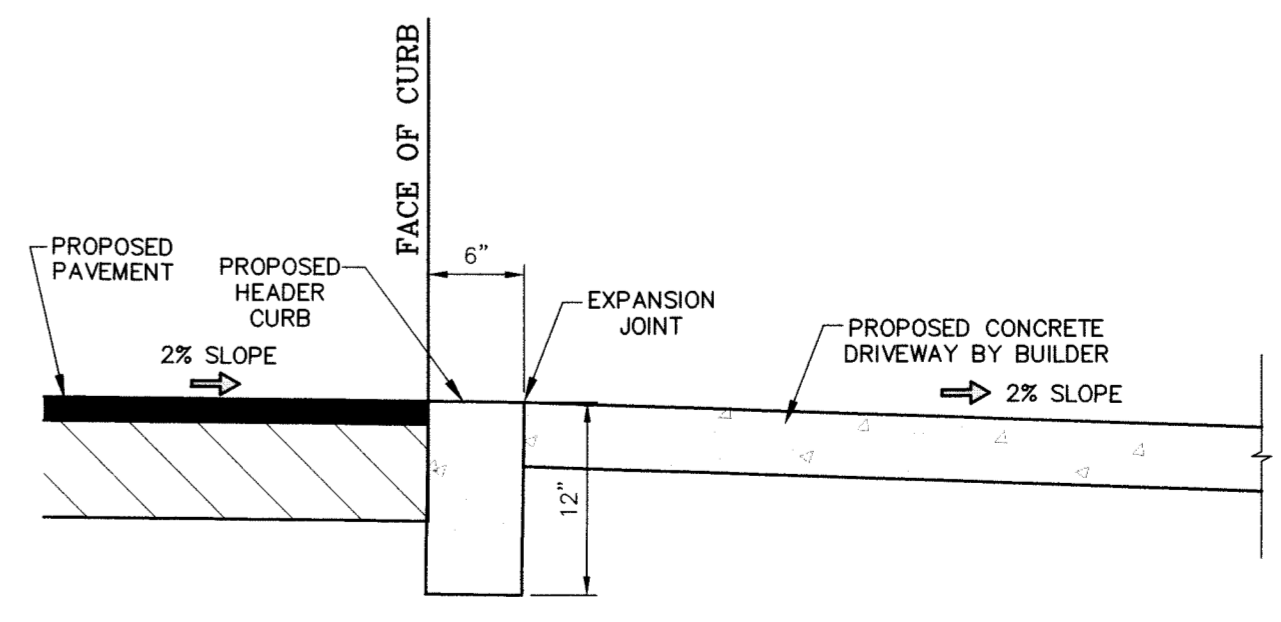
SECTION G - G
SCALE: NTS



SECTION H - H
SCALE: NTS



TYPICAL RESIDENTIAL DRIVEWAY PLAN VIEW
SCALE: 1"=5'



SECTION K
TYPICAL RESIDENTIAL DRIVEWAY SECTION
SCALE: 1"=3'

- NOTES:
1. CONCRETE CURB AND RETURNS SHALL BE 3,000 P.S.I. MIN.
 2. DUMMY JOINT REQUIRED AT 10' O.C.
 3. 1/2" PREMOLDED BITUMINOUS EXPANSION JOINT (AASHTO M-33) IS REQUIRED FOR ALL CURB RETURNS. TRIM BITUMINOUS MATERIAL 1/4" LESS THAN NEAT CURB DIMENSION.
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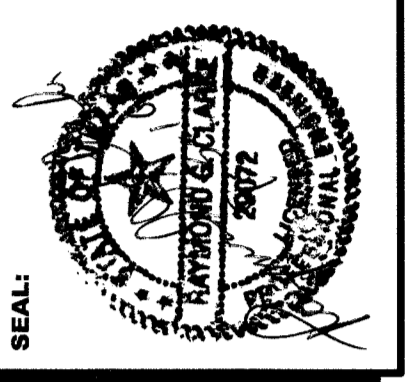
REV. DATE: AUGUST 31, 2010

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AT & T.....1-800-298-8343
TIME WARNER CABLE.....1-915-772-1123
T.E.S.S. (MEMBER UTILITIES).....1-800-852-3786

VALLE-ESCONDIDO-GR-SEC-2.DWG ORIG. DATE: AUGUST 31, 2010

CONSULTING COMPANY
1790 LEE TREVINO DRIVE SUITE 503
EL PASO, TEXAS 79936
TEL (915) 633-6422

ENGINEER
Clarke Environmental Services, Inc.
216 CARPI ROAD
LAS CRUCES, NM 88005
STATE REGISTRATION NO. F-4680



VALLE ESCONDIDO
BEING ALL OF TRACT 2D4, BLOCK 9
YSLETA GRANT
CITY OF EL PASO, EL PASO COUNTY TX.
CONTAINING: 190,993.43 SQ. FT. OR 4.3846 ACRES

GRADING SECTIONS

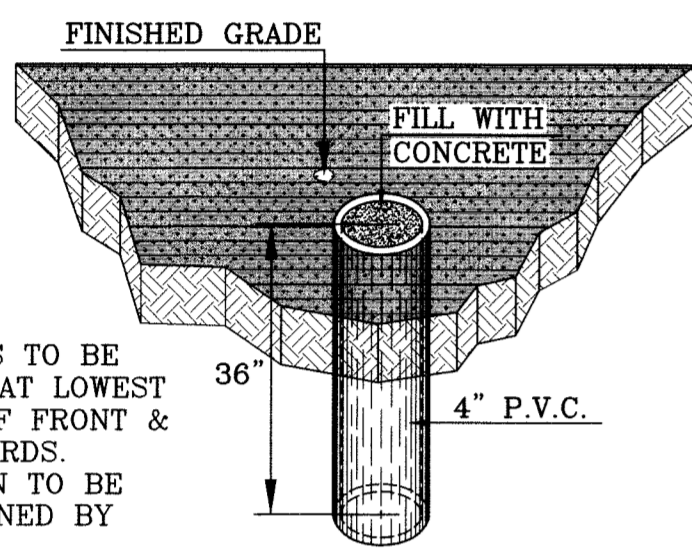
DATE: JUNE 2010
SCALE: AS SHOWN
JOB NO.:
SHEET NO.: **SHT. 5 OF 8**

DRAINAGE PLAN

LEGEND

○ 15.80	PROPOSED SPOT ELEVATION
CONC/PWMT	(FINISHED PAVEMENT/CONCRETE ELEV.)
[18.00]	PROPOSED CONTOUR ELEVATION (FINISHED PAVEMENT ELEVATION)
— 4118	EXISTING CONTOUR LINE
→	DRAINAGE FLOW
---	PROPERTY LINE
- - - -	EASEMENT LINE
---	STREET CENTERLINE
○ ○ ○ ○	EXISTING ROCKWALL
○ ○ ○ ○	PROPOSED RETAINING ROCKWALL
○ ○ ○ ○	PROPOSED ROCKWALL
▲	HIGH POINT
○	PROPOSED ELEVATION MARKER

LEGEND	
NG	= NATURAL GROUND
CLF	= CHAIN LINK FENCE
CL	= CENTER LINE
NG	= SIGN
CONC D	= CONCRETE DITCH
DIRT D	= DIRTY DITCH
SW	= STUCCO WALL
C	= CONCRETE
CP	= POWER POLE
FH	= FIRE HYDRANT
WM	= WATER METER
MH	= MANHOLE
SIGN	= SIGN



PERMANENT ELEVATION MARKER (TYPICAL)
N.T.S.

ON SITE PONDING NOTES:

- PERMANENT ELEVATION MARKERS SHALL BE INSTALLED TO DEFINE THE LEVELS TO BE MAINTAINED TO ENSURE THE EFFECTIVENESS OF ON-SITE PONDING ON ALL RESIDENTIAL LOTS.
- PERMANENT ELEVATION MARKERS SHALL NOT BE MOVED, COVERED OR ALTERED WITHOUT WRITTEN PERMISSION FROM THE CITY ENGINEER.
- FILLING OR CHANGING THE LOT, OR ALLOWING THE LOT TO BE FILLED OR CHANGED TO AN ELEVATION GREATER THAN ESTABLISHED BY THE PERMANENT ELEVATION MARKERS, IS PROHIBITED.
- THE CITY SHALL BE GRANTED PERMANENT RIGHT OF ACCESS TO INSPECT THE LOT ELEVATION AND THE PERMANENT ELEVATION MARKERS.
- NO MORE THAN FIFTY (50) PERCENT OF THE AREA OF THE RESIDENTIAL LOT CONVEYED BY THE DEED MAY EVER BE COVERED BY IMPROVEMENTS OF ANY KIND, EITHER TEMPORARY OR PERMANENT.
- DEVELOPER/BUILDER SHALL ALSO COMPLY WITH SECTION 19.16.060 - ON SITE PONDING.

DRAINAGE CALCULATIONS

$Q = CIA$

WATERSHED AREA	AREA (AC)	C _w	t _c (min)	I ₁₀₀ (in/min)	Q ₁₀₀ (CFS)
D.A. I	1.00	0.60	10.0	5.36	3.22
D.A. II	0.96	0.60	10.0	5.36	3.09
D.A. III	1.15	0.60	10.0	5.36	3.70
D.A. IV	1.28	0.60	10.0	5.36	4.12
D.A. V	0.13	0.95	10.0	5.36	0.66
D.A. VI	0.12	0.95	10.0	5.36	0.61

AT S=1%, V=1 FT/SEC (VELOCITY CHART)
 $T_c = L / \sqrt{60}$
 $I_{100} = 144.20 / (T_c + 25.944)^{0.9190}$

VOLUME COMPUTATIONS

$Q = A R C / 12$

R	Q _{req} (AC-FT)	Q _{cap} (AC-FT)	Ponded Depth
4.0	0.200	0.209 @ 3663.50	3663.45
4.0	0.192	0.202 @ 3663.50	3663.41
4.0	0.230	0.263 @ 3663.50	3663.38
4.0	0.256	0.272 @ 3662.60	3662.51

REV. DATE: AUGUST 31, 2010
 REV. DATE: AUGUST 6, 2010

WARNING ! BEFORE YOU DIG

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CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO ANY EXCAVATION AND/OR POSSIBLE RELOCATION OF UTILITIES ENCOUNTERED

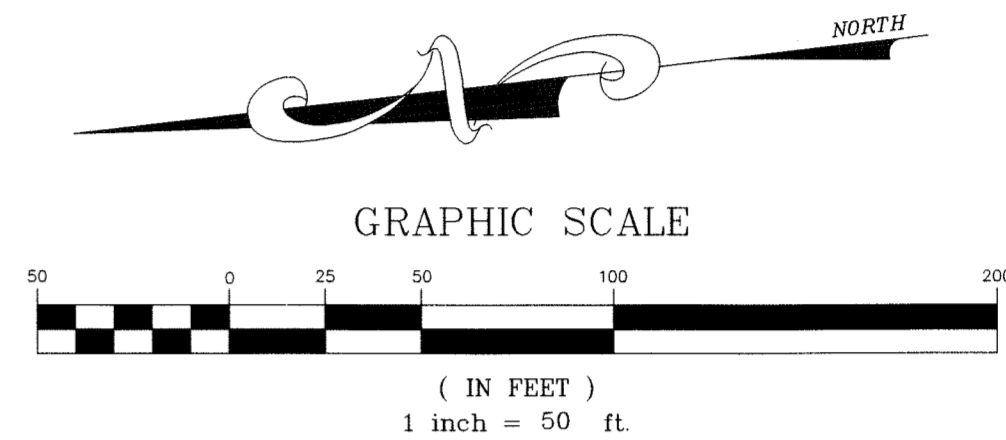
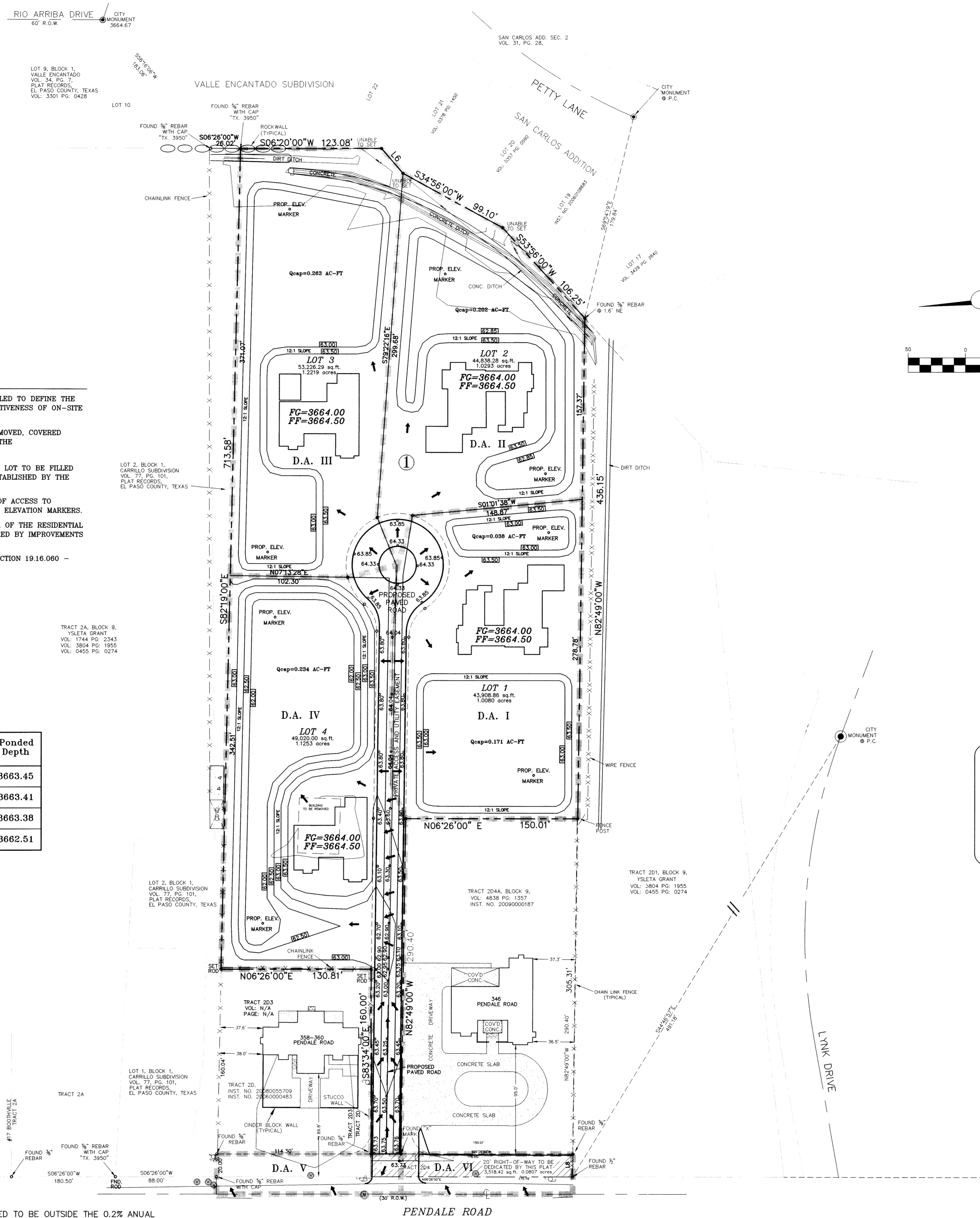
LISTING OF UTILITIES TO BE CONTACTED:

EL PASO WATER UTILITIES.....1-915-594-5527
 EL PASO ELECTRIC COMPANY.....1-915-543-5720
 TEXAS GAS SERVICE.....1-915-544-6300
 AT & T.....1-800-298-6343
 TIME WARNER CABLE.....1-915-772-1123
 T.E.S.S. (MEMBER UTILITIES).....1-800-852-3786

VALLE-ESCONDIDO-DR.DWG ORIG. DATE: JUNE 01, 2010

NOTES:

- THIS PROPERTY LIES IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, PANEL # 480214-0048 C, DATED FEBRUARY 16, 2006.
- BENCHMARK: CITY MONUMENT AT P.I. IN FRONT OF 433 RIO ARRIBA DRIVE. ELEVATION: 3664.67



LEGEND	
Q	RUN-OFF QUANTITY (CUBIC Ft/Sec)
A	WATERSHED AREA (ACRES)
▲	HIGH POINT
▼	LOW POINT
→	DRAINAGE FLOW
▨	PROPOSED DRAINAGE AREA

CONSULTING COMPANY
 1790 LEE TREVINO DRIVE SUITE 503
 EL PASO, TEXAS 79936
 TEL (915) 633-6422

SCHOOL DISTRICT
 YSLETA INDEPENDENT SCHOOL DISTRICT
 325 SIMS DRIVE 79925

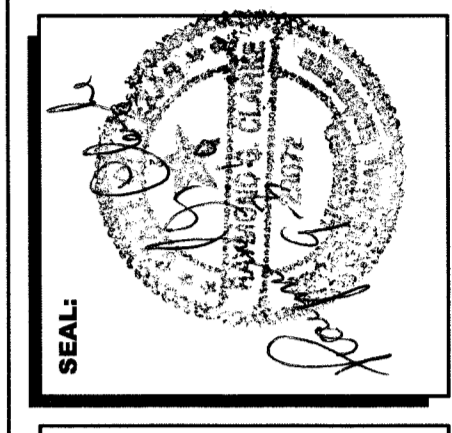
OWNER:
 ISIDRO BAQUERA JR.
 9365 SAN LORENZO
 EL PASO, TEXAS 79907
 PHONE: (915) 591-3312

VALLE ESCONDIDO
 BEING ALL OF TRACT 2D4, BLOCK 9
 YSLETA GRANT
 CITY OF EL PASO, EL PASO COUNTY TX.
 CONTAINING: 190,993.43 SQ. FT. OR 4.3846 ACRES

DRAINAGE PLAN

DATE: JUNE 2010
 SCALE: AS SHOWN
 JOB NO.:
 SHEET NO.: SHT. 6 OF 8

ENGINEER:
 Clarke Environmental Services, Inc.
 218 CARR ROAD
 EL PASO, TEXAS 79905
 STATE REGISTRATION NO. F-4680

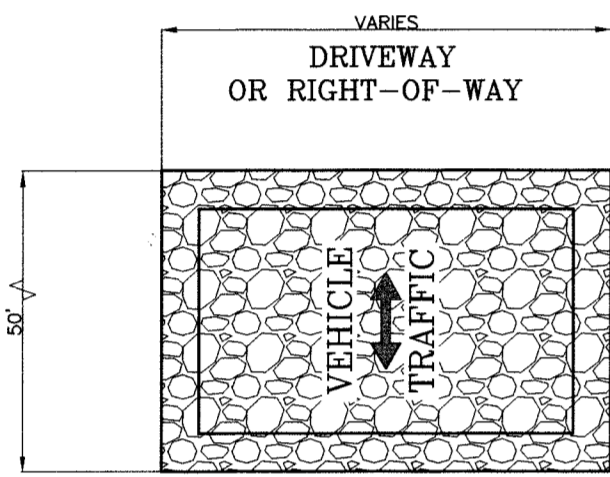


SEAL: [Signature]

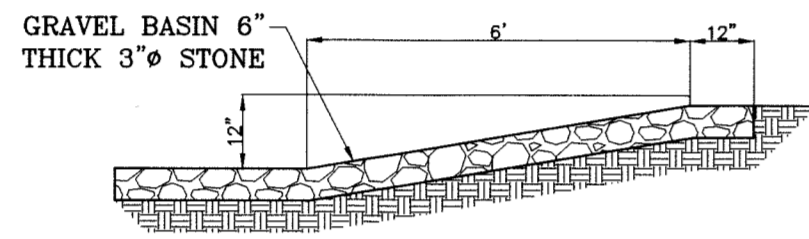
STORM WATER POLLUTION PREVENTION PLAN

STABILIZED ENTRANCE EROSION CONTROL NOTES

- SILT FENCING OR TEMPORARY BERMS SHALL BE INSTALLED AT TIME OF CONSTRUCTION.
- TEMPORARY SWALES AND DESILTING BASINS WILL BE PLACED WHERE NECESSARY IN ORDER TO CONVEY STORM WATER RUN-OFF.
- A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED WEEKLY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE.
- THE OWNER SHALL BE RESPONSIBLE FOR INSURING THAT ALL EROSION CONTROL METHODS ARE INSPECTED ON A MONTHLY BASIS OR AFTER EVERY ERODIBLE RAINFALL (1/2" OR MORE). ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL SHALL BE MADE AT THE TIME.
- A TEMPORARY BERM SHALL BE PROVIDED AT THE TOE OF SLOPE AND LOT LINE AT TIME OF GRADING PRIOR TO ROCKWALL CONSTRUCTION.

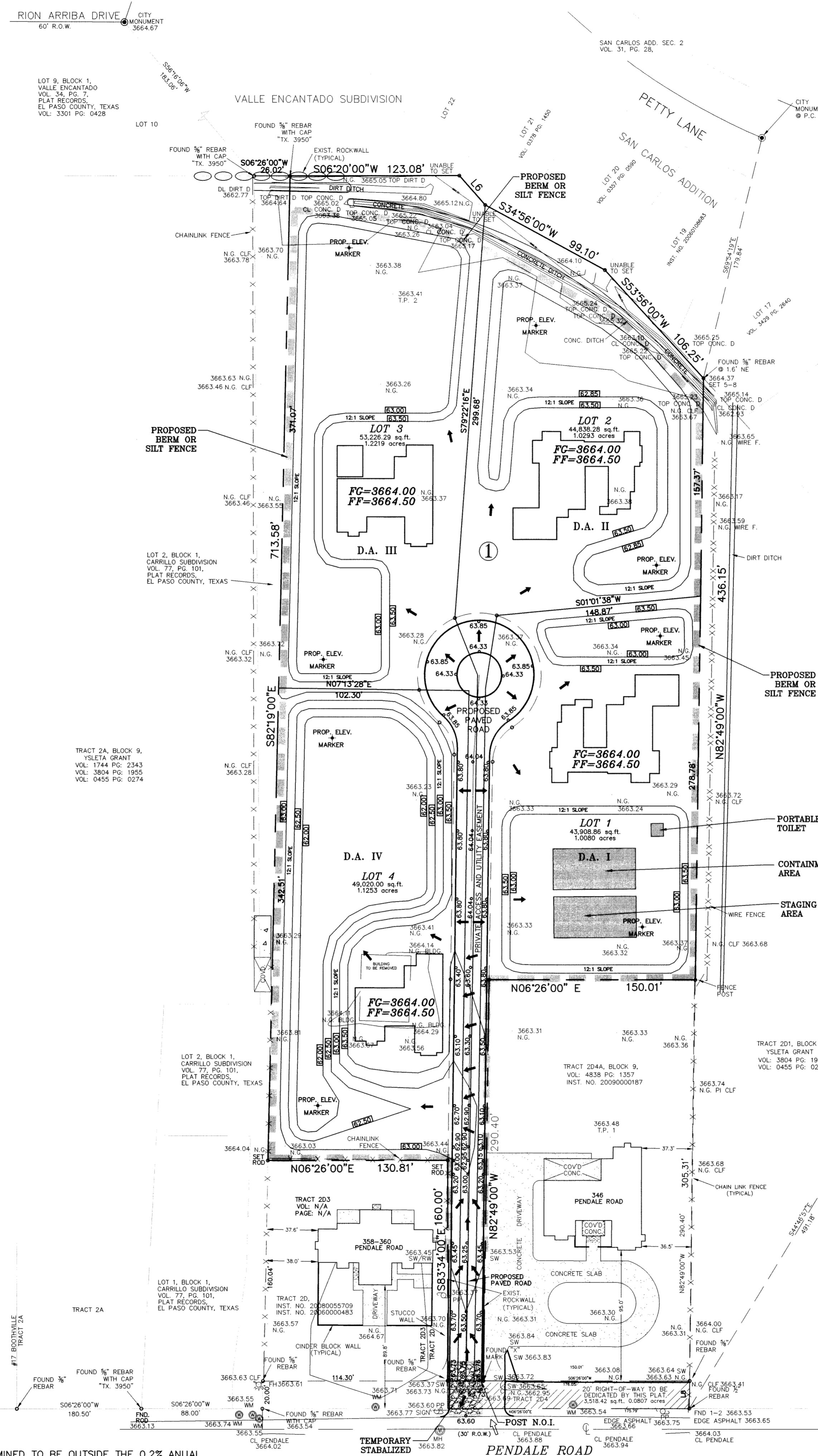
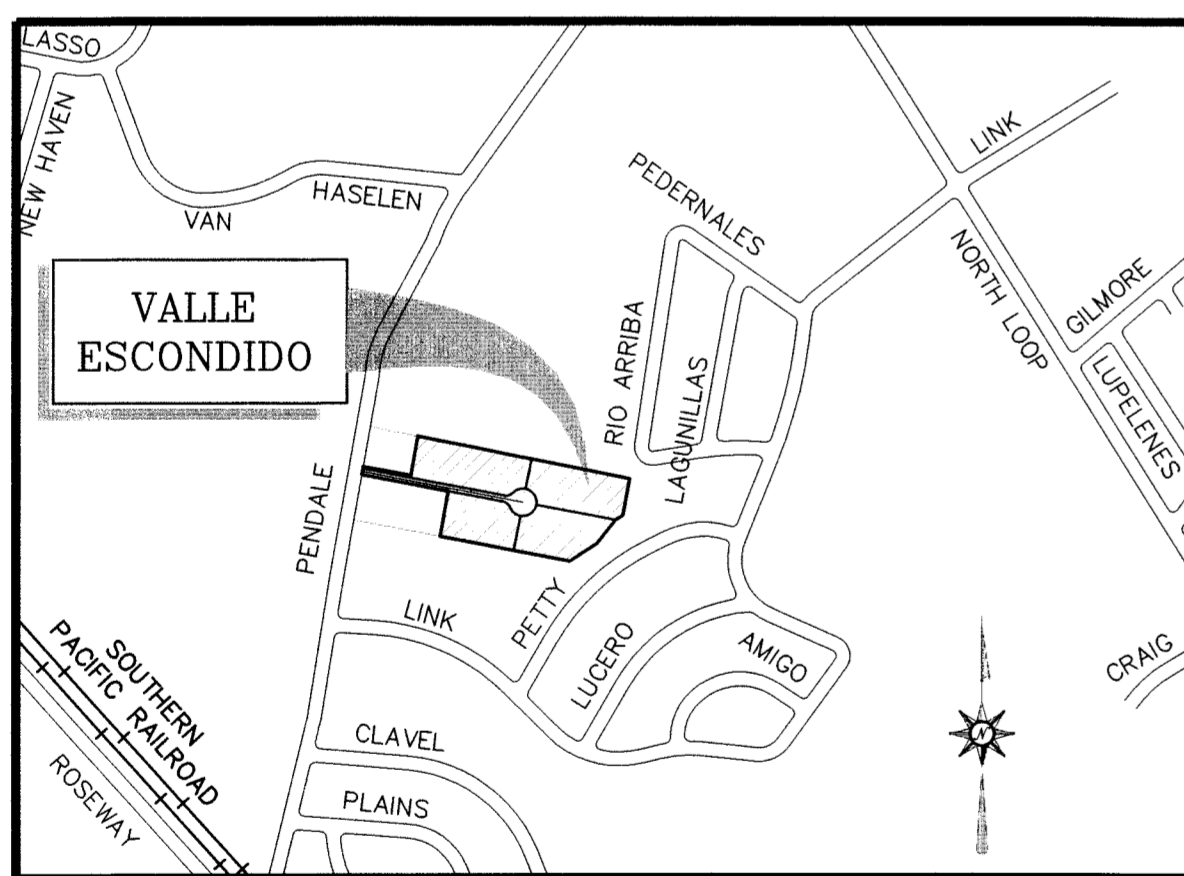


GRAVEL ENTRANCE
SCALE: 1"=3'



SECTION
EROSION AND SEDIMENT CONTROLS
TEMPORARY STABILIZATION
SCALE: 1"=3'

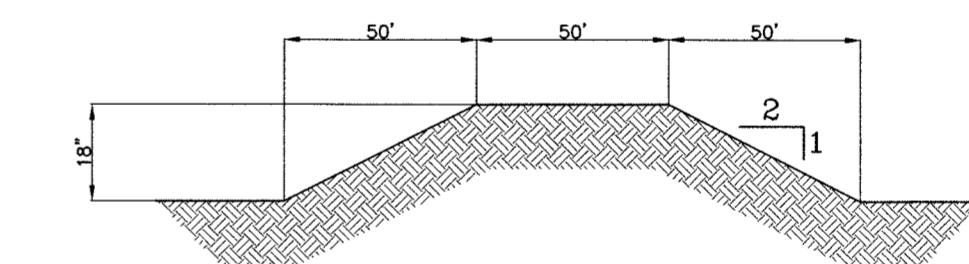
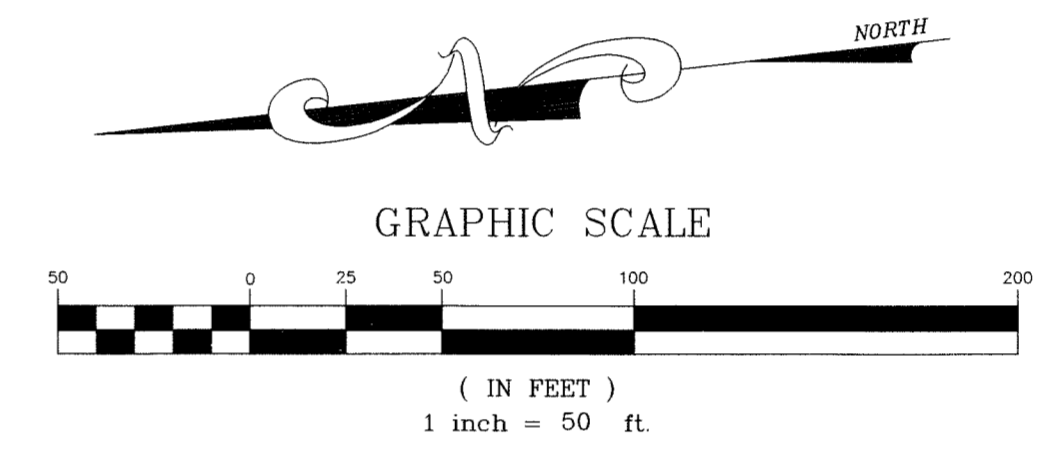
LOCATION MAP



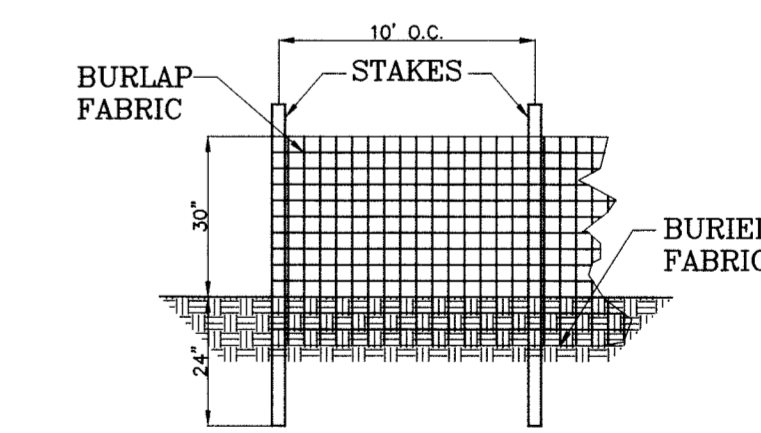
NOTES:
1. TCEQ NOI PERMIT- REQUIRED BY CONTRACTOR

LEGEND

15.80	PROPOSED SPOT ELEVATION
CONC./P/VMT	(FINISHED PAVEMENT/CONCRETE ELEV.)
18.00	PROPOSED CONTOUR ELEVATION (FINISHED PAVEMENT ELEVATION)
4118	EXISTING CONTOUR LINE
→	PROPOSED DRAINAGE FLOW
---	PROPERTY LINE
---	EASEMENT LINE
---	STREET CENTERLINE
○	EXISTING ROCKWALL
○	PROPOSED RETAINING ROCKWALL
○	PROPOSED ROCKWALL
▲	HIGH POINT
○	PROPOSED ELEVATION MARKER
---	PROPOSED TEMPORARY SILT FENCE OR BERM



TYPICAL BERM
SCALE: 1"=3'



TYPICAL SILT FENCE
SCALE: 1"=3'

REV. DATE: AUGUST 31, 2010

WARNING ! BEFORE YOU DIG

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 - AT & T.....1-800-286-8343
 - TIME WARNER CABLE.....1-915-772-1123
 - T.E.S.S. (MEMBER UTILITIES).....1-800-852-3786

NOTES:

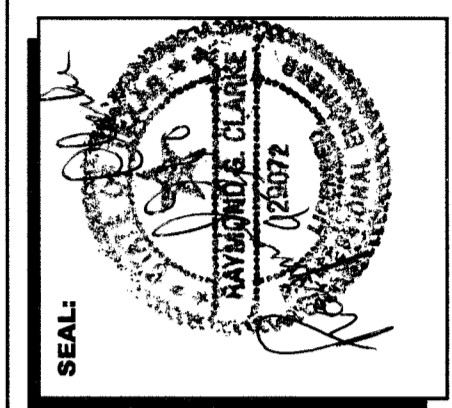
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218 CAPRA ROAD
LAS ANGELES, TEXAS 75246
STATE REGISTRATION NO. F-4680



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DATE:	JUNE 2010
SCALE:	AS SHOWN
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SHEET NO.:	SHT. 7 OF 8

