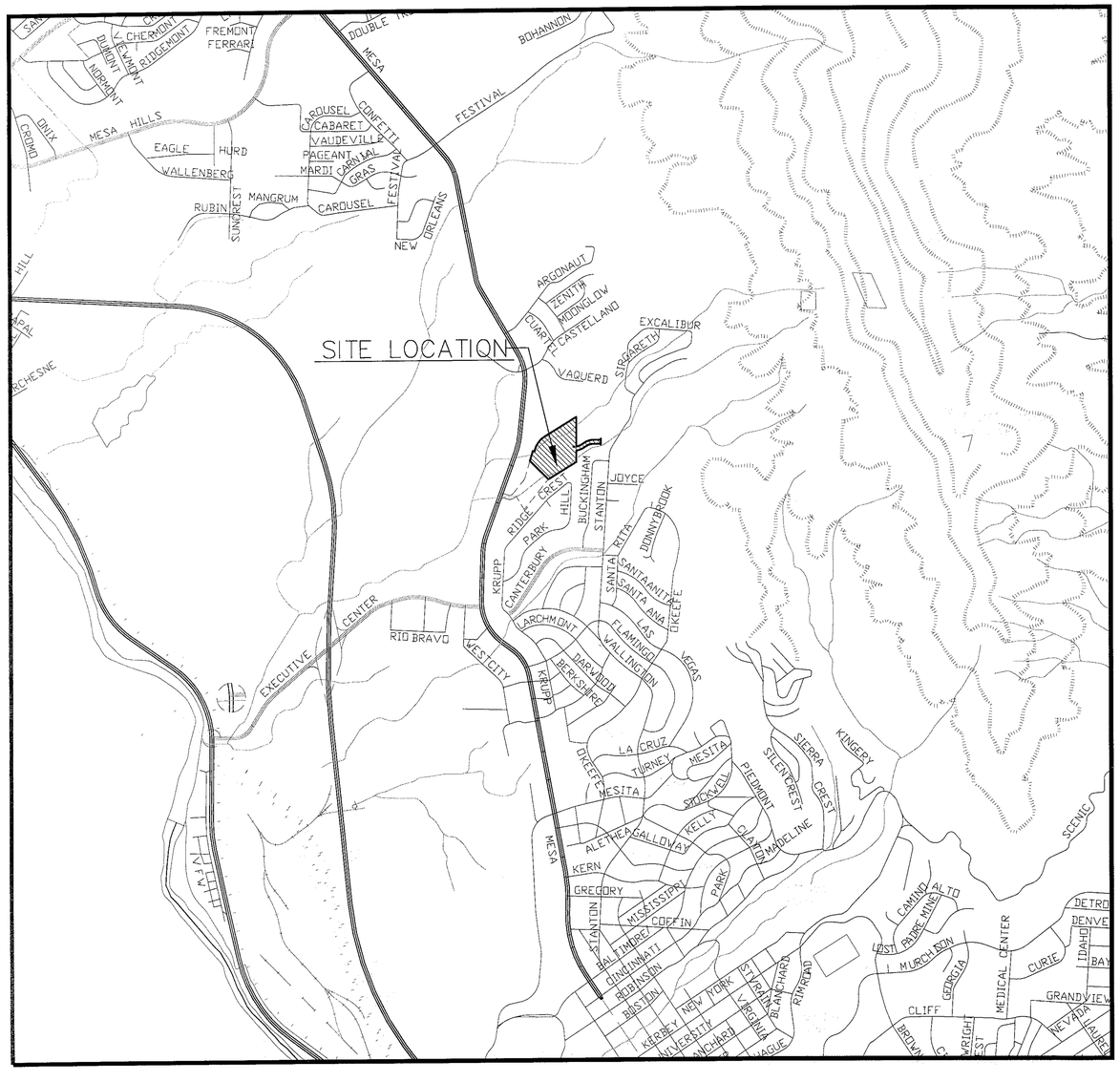
CAMELOT HEIGHTS UNIT 2
REPLAT "B"
EL PASO, TEXAS



LOCATION MAP

N.T.S.

BASED ON EXISTING CONDITIONS

INDEX OF SHEETS

C-00	COVER SHEET
C-01	PLAT
C-02-C-02.1	GRADING PLAN AND SECTIONS
C-03	DRAINAGE PLAN
C-04	STREET PLAN AND PROFILE (SHT. 1)
C-05	STREET PLAN AND PROFILE (SHT. 2)
C-06	STORM DRAIN PLAN AND PROFILE
C-07	TYPICAL DETAILS
C-08-C-09	INLET DETAILS
C-10	STORM WATER POLLUTION PREVENTION PLAN (SHT.1)
C-11	STORM WATER POLLUTION PREVENTION PLAN (SHT. 2)
C-12	SIGNAGE DETAILS
C-13	ILLUMINATION PLAN

DEVELOPMENT SERVICES DEPARTMENT

SITE PLAN REVIEW
Reviewed For Conformance For Conditions Related To:

- Demolition Only
- Grading & Drainage
- Wheelchair Ramps
- On Site Parking Layout
- Sidewalks
- Driveways
- Retaining Rock Walls
- On-Site Ponding of Storm Waters

Contractor Must Call 24 Hours Prior To Construction For Inspection

BY DATE 9/8/8

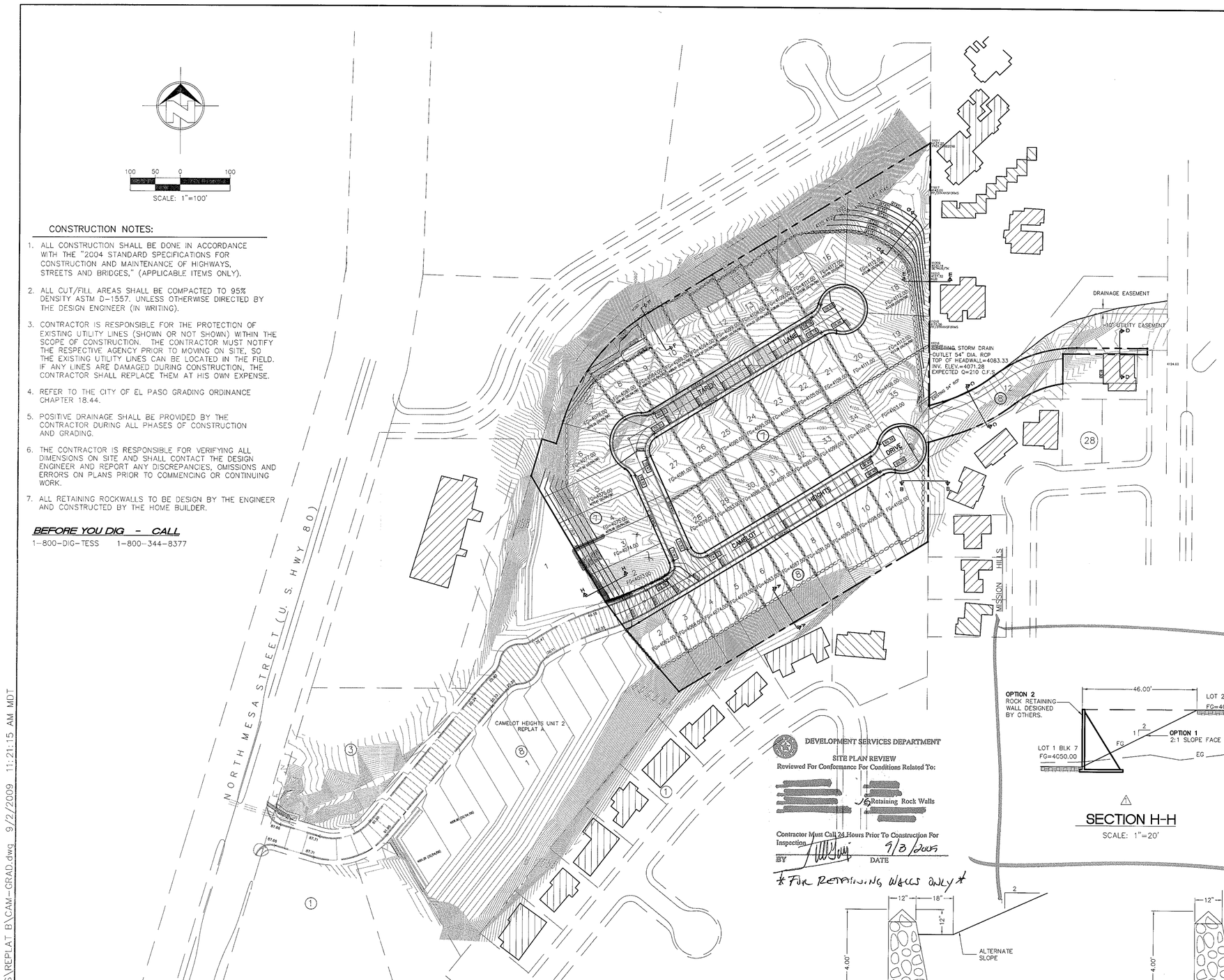
STATE OF TEXAS
GEORGES S. HALLOUL
92185
LICENSED
PROFESSIONAL ENGINEER
Sept 8, 2008

SLI ENGINEERING, INC.

6600 WESTWIND EL PASO, TEXAS (915) 584-4457

DATE: NOVEMBER, 2007

103077-1



BASED ON EXISTING CONDITIONS

CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "2004 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES," (APPLICABLE ITEMS ONLY).
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3. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITY LINES (SHOWN OR NOT SHOWN) WITHIN THE SCOPE OF CONSTRUCTION. THE CONTRACTOR MUST NOTIFY THE RESPECTIVE AGENCY PRIOR TO MOVING ON SITE, SO THE EXISTING UTILITY LINES CAN BE LOCATED IN THE FIELD. IF ANY LINES ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN EXPENSE.
4. REFER TO THE CITY OF EL PASO GRADING ORDINANCE CHAPTER 18.44.
5. POSITIVE DRAINAGE SHALL BE PROVIDED BY THE CONTRACTOR DURING ALL PHASES OF CONSTRUCTION AND GRADING.
6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS ON SITE AND SHALL CONTACT THE DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS AND ERRORS ON PLANS PRIOR TO COMMENCING OR CONTINUING WORK.
7. ALL RETAINING ROCKWALLS TO BE DESIGN BY THE ENGINEER AND CONSTRUCTED BY THE HOME BUILDER.

BEFORE YOU DIG - CALL

1-800-DIG-TESS 1-800-344-8377

DEVELOPMENT SERVICES DEPARTMENT
SITE PLAN REVIEW
Reviewed For Conformance For Conditions Related To:
[redacted] Retaining Rock Walls
Contractor Must Call 24 Hours Prior To Construction For Inspection
BY DATE 9/3/2009
* For Retaining Walls Only *

ROCKWALL NOTES:

1. STONE FOR ROCK WALLS SHALL BE AS NEARLY UNIFORM IN SECTION AS IS PRACTICABLE. THE STONE SHALL BE DENSE AND RESISTANT TO THE ACTION OF AIR AND WATER. STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED. (NO RIVER ROCK IS ALLOWED FOR ROCK WALLS)
2. MORTAR FOR ROCK WALL SHALL BE A.S.T.M. TYPE "S"; 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) SEE CITY BUILD- ING CODE, PP. 14-3 AND 14-4.
3. FILL ALL VOIDS WITH SMALLER STONE OR MORTAR. JOINTS IN WALL SHALL NOT EXCEED 1"
4. THE BACKFILL SHALL BE SIMILAR TO THE EXISTING SOIL AND SHALL BE WELL COMPACTED AND FREE DRAINING (COARSE GRAIN TYPE)
5. EMBED ROCK 6" INTO FOOTING

FLOOD ZONE

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NUMBER 480214 033 B DATED FEBRUARY 5, 1986, THIS PROPERTY LIES IN FLOOD ZONE C

ZONE C AREAS OF MINIMAL FLOODING.

EROSION CONTROL

1. WIND EROSION CONTROL: WATERING DURING AND AFTER COMPLETION OF SITE GRADING, THE PROJECT AREA SHALL BE COMPLETELY WATERED AS NEEDED TO CONTROL WIND EROSION OR AS DIRECTED BY THE CITY ENGINEER.
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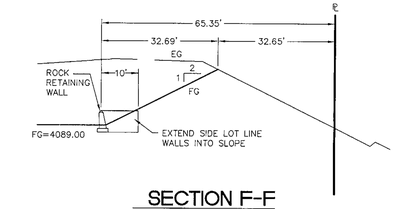
LEGEND

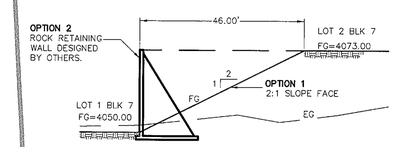
86.20 +	PROPOSED PAVEMENT OR SIDEWALK ELEVATION
50.52 ×	EXISTING (SPOT ELEV.)
55	PROPOSED FG (CONTOUR)
FF=88.00	FINISHED BUILDING FLOOR ELEVATION
4250	EXISTING GROUND (CONTOUR)
	LOW POINT
	PROPOSED FLOW
○○○○	PROPOSED RETAINING WALL (BY BUILDER)

NOTE:
ALL SLOPED AREAS SHALL BE MAINTAINED BY PROPERTY OWNERS.



SECTION F-F

SCALE: 1"=20'



SECTION H-H

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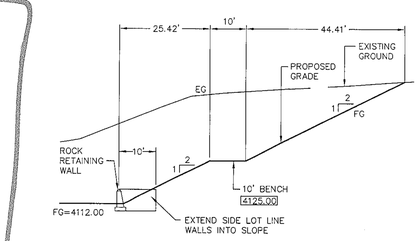
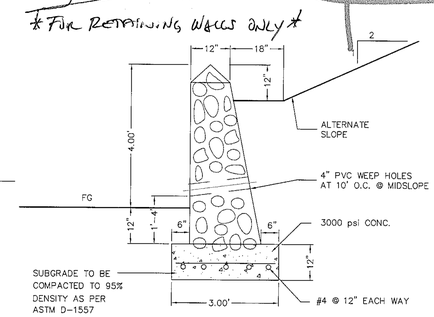


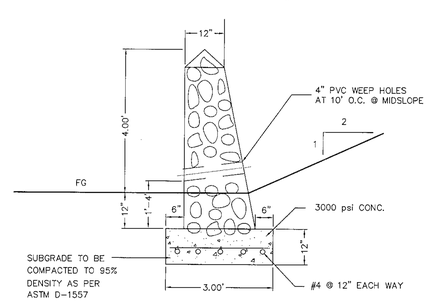
SECTION G-G

SCALE: 1"=20'



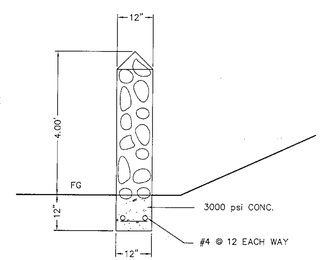
RETAINING WALL W/ ALTERNATE SLOPE

SCALE: 1"=2'



RETAINING WALL

SCALE: 1"=2'



ROCK WALL

SCALE: 1"=2'

DATE	REVISIONS	BY
9/2/09	ADDED SECTION H-H	

REFERENCES -- BENCHMARKS:
BENCHMARK:
EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)
ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: J.B.
COMP. BY:
DRAWN BY: SLI
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

Subdiv-00115

PROJECT NAME
CAMELOT HEIGHTS UNIT TWO REPLAT "B"
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12, BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TARP LANE, CAMELOT HEIGHTS UNIT 2, REPLAT A
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
5600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-0067
SLI ENGINEERING, INC.

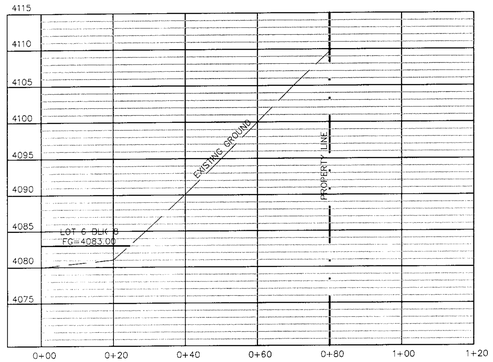
STATE OF TEXAS
GEORGES R. HALLOUL
92105
PROFESSIONAL ENGINEER
9/1/09

GRADING PLAN

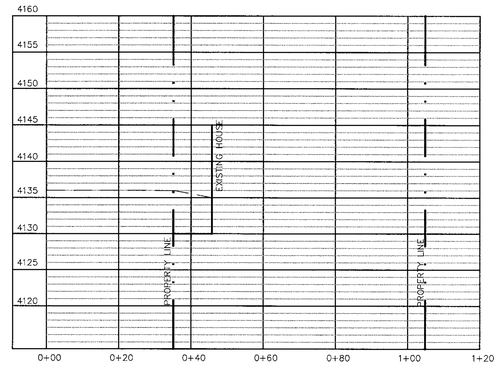
C-02

RECORD DRAWING

F:\PROJECTS\CAMELOT\FINALS\REPLAT B\CAM-GRAD.dwg 9/2/2009 11:21:15 AM MDT



SECTION A-A



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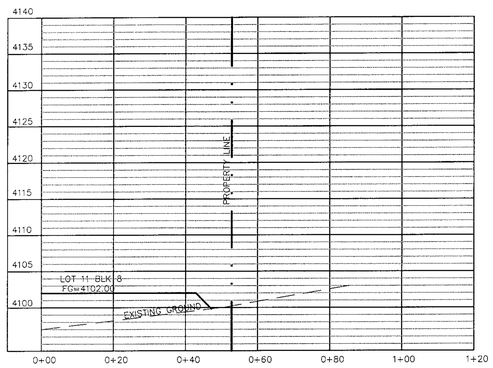
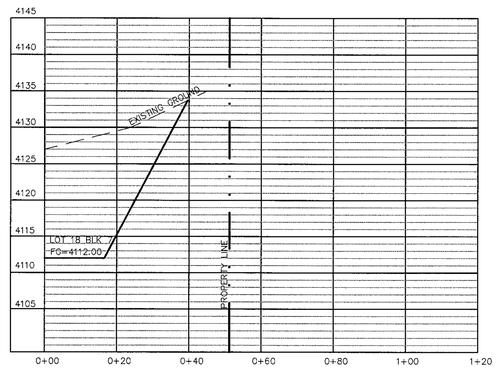


SECTION B-B



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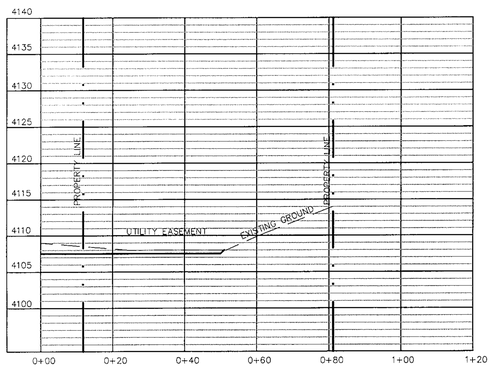
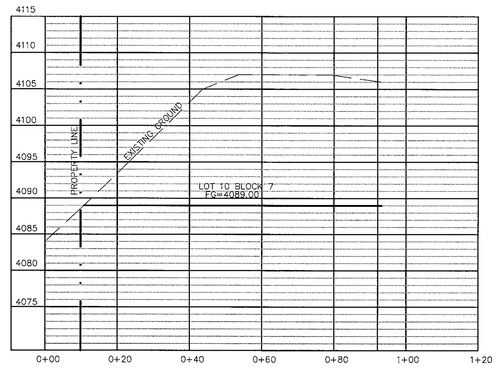
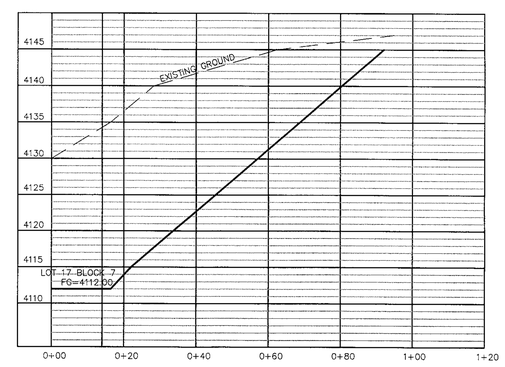


SECTION C-C



SECTION F-F



SECTION G-G

BASED ON EXISTING CONDITIONS

	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

REFERENCES — BENCHMARKS

BENCHMARK:

EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A" CITY OF EL PASO, EL PASO COUNTY, TEXAS

SCALE:	AS SHOWN
JOB NO.:	09-06-2440
FIELD BK.:	
DESIGN BY:	J.B.
COMP. BY:	
DRAWN BY:	SJ
CHECKED BY:	E.T.
DATE:	SEPTEMBER 4, 2008

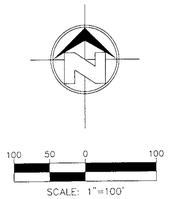
CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4457

SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOU
92105
LICENSED
PROFESSIONAL ENGINEER
SEP. 04, 2008

GRADING SECTIONS

C-02.1



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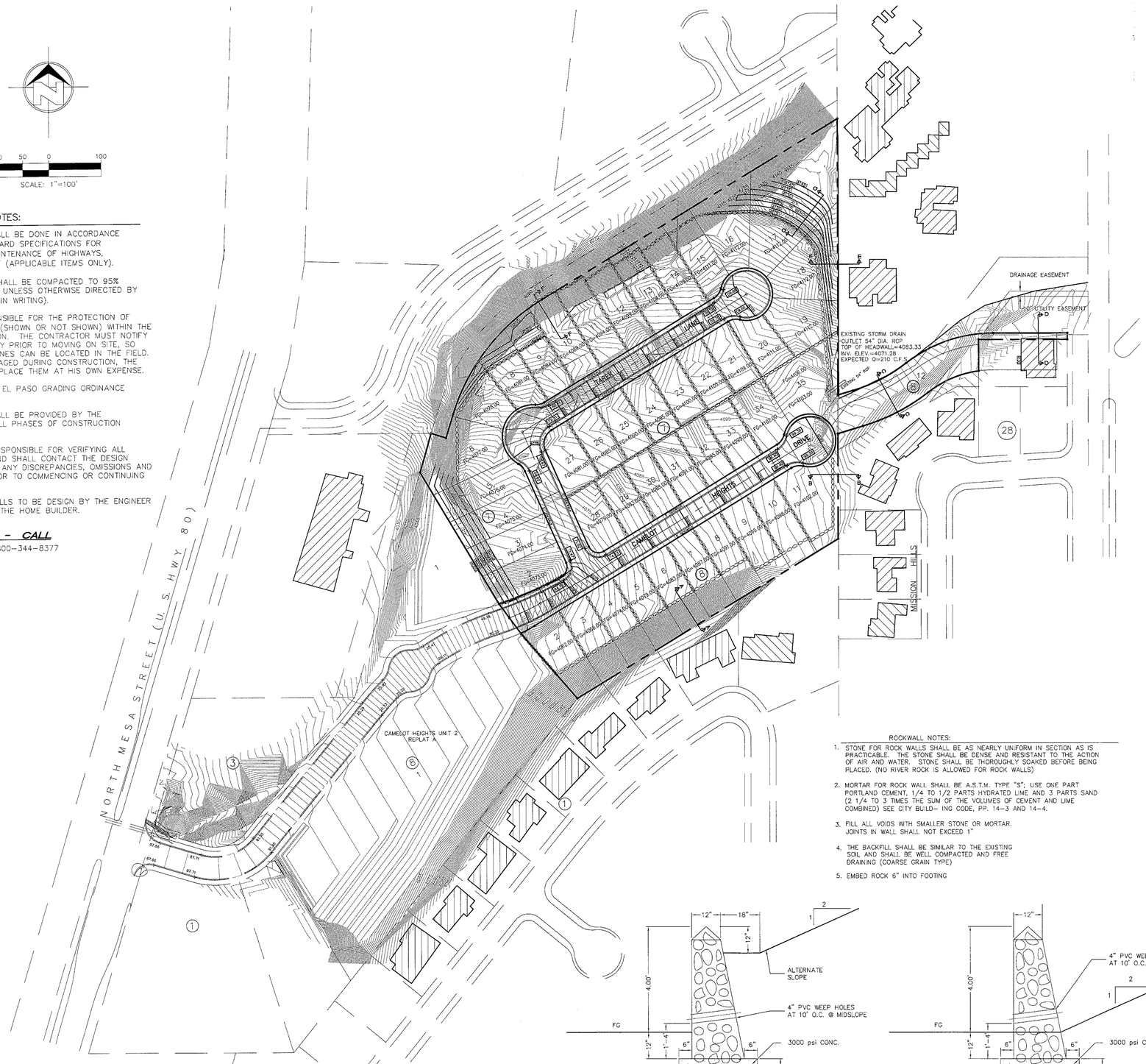
1-800-DIG-TESS 1-800-344-8377



FLOOD ZONE

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ZONE C AREAS OF MINIMAL FLOODING.

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86.20 +	PROPOSED PAVEMENT OR SIDEWALK ELEVATION
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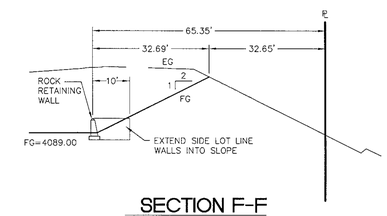
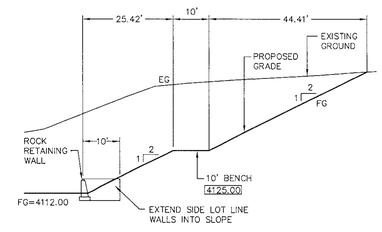
FF=88.00	FINISHED BUILDING FLOOR ELEVATION
4250	EXISTING GROUND (CONTOUR)
	LOW POINT
	PROPOSED FLOW
	PROPOSED RETAINING WALL (BY BUILDER)

NOTE:
ALL SLOPED ALREADY SHALL BE MAINTAINED BY PROPERTY OWNERS.



SECTION F-F

SCALE: 1"=20'



SECTION G-G

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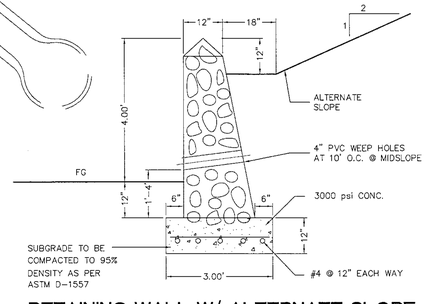
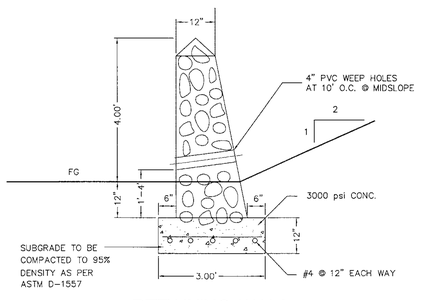


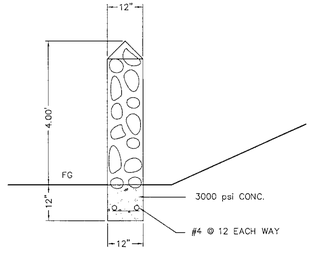
RETAINING WALL W/ ALTERNATE SLOPE

SCALE: 1"=2'



RETAINING WALL

SCALE: 1"=2'



ROCK WALL

SCALE: 1"=2'

BASED ON EXISTING CONDITIONS

DATE	REVISIONS	BY

REFERENCES -- BENCHMARKS

BENCHMARK: EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: J.B.
COMP. BY:
DRAWN BY: SLI
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

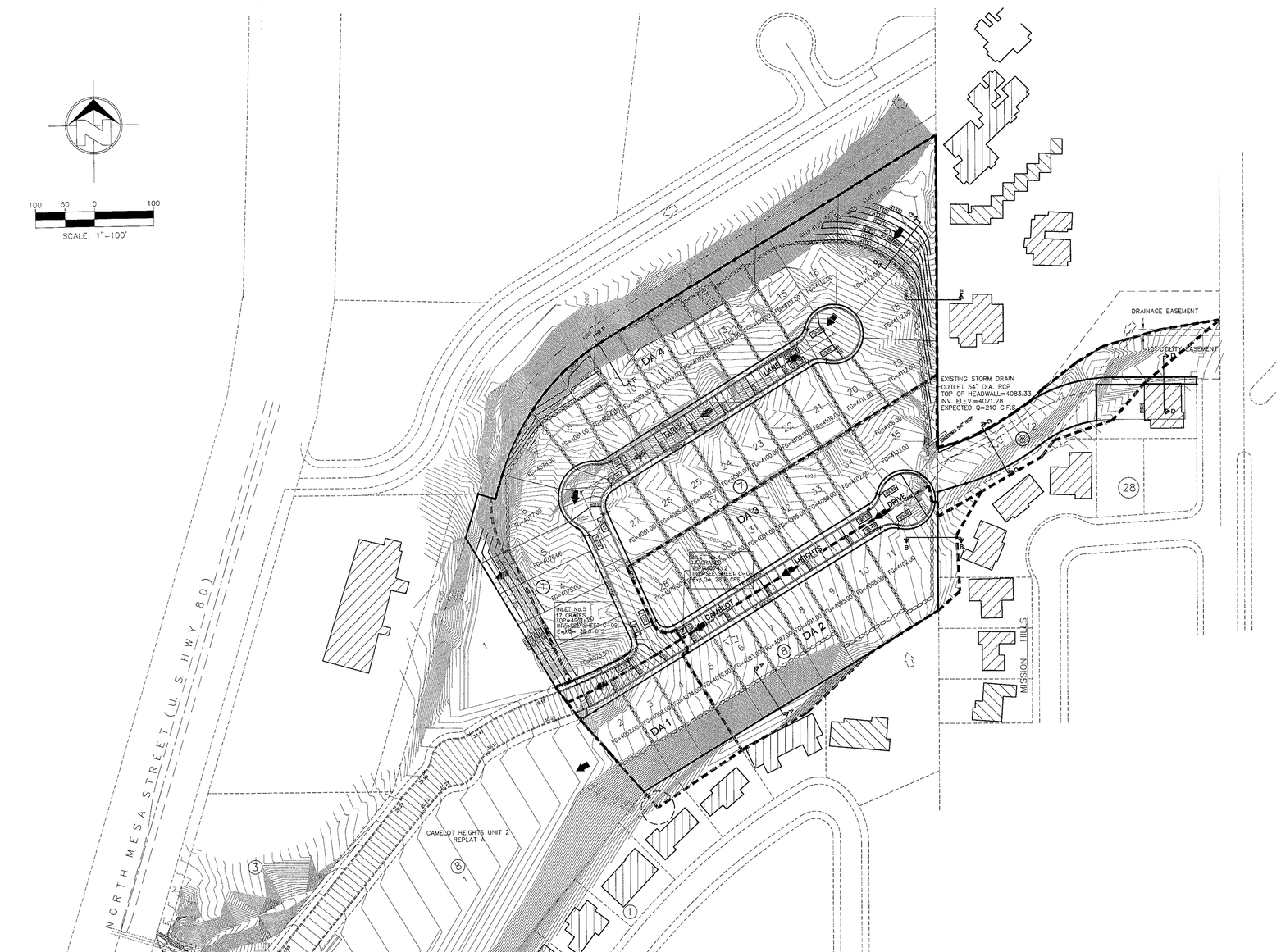
CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 594-4457
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOU
92108
LICENSED PROFESSIONAL ENGINEER
SEP. 04 2008

GRADING PLAN

C-02

100077-1



BASED ON EXISTING CONDITIONS

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ZONE__C__AREAS OF MINIMAL FLOODING.

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LEGEND

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- 55 PROPOSED FG (CONTOUR)
- FG=88.00 FINISHED GRADE ELEVATION
- 4250 EXISTING GROUND (CONTOUR)
- LOW POINT
- PROPOSED DRAINAGE FLOW
- EXISTING DRAINAGE FLOW
- DRAINAGE AREA

BEFORE YOU DIG - CALL

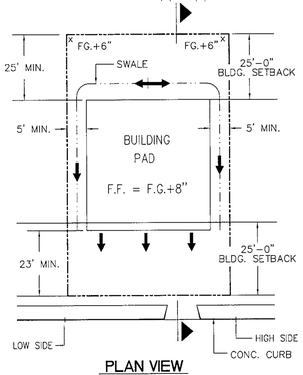
1-800-DIG-TESS 1-800-344-8377

CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "2004 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES," (APPLICABLE ITEMS ONLY).
2. ALL CUT/FILL AREAS SHALL BE COMPACTED TO 95% DENSITY ASTM D-1557. UNLESS OTHERWISE DIRECTED BY THE DESIGN ENGINEER (IN WRITING).
3. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITY LINES (SHOWN OR NOT SHOWN) WITHIN THE SCOPE OF CONSTRUCTION. THE CONTRACTOR MUST NOTIFY THE RESPECTIVE AGENCY PRIOR TO MOVING ON SITE, SO THE EXISTING UTILITY LINES CAN BE LOCATED IN THE FIELD. IF ANY LINES ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN EXPENSE.
4. REFER TO THE CITY OF EL PASO GRADING ORDINANCE CHAPTER 18.44.
5. POSITIVE DRAINAGE SHALL BE PROVIDED BY THE CONTRACTOR DURING ALL PHASES OF CONSTRUCTION AND GRADING.
6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS ON SITE AND SHALL CONTACT THE DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS AND ERRORS ON PLANS PRIOR TO COMMENCING OR CONTINUING WORK.

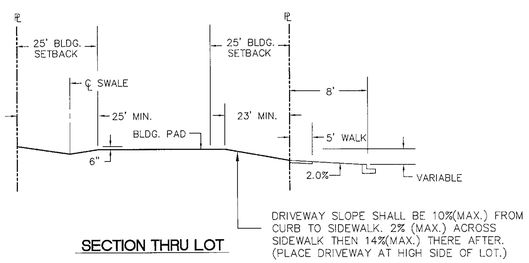
DRAINAGE CALCULATIONS BASED ON A 50 YR. STORM FREQUENCY FOR ESTIMATING RUNOFF FORMULA Q=CIA

DRAINAGE AREA	AREA (ACRES)	TC (MIN)	I (IN/HR)	C (AVG)	Q (CFS)
DA-1	0.97	5	6.5	0.90	5.7
DA-2	2.24	5	6.5	0.90	13.1
DA-3	2.98	5	6.5	0.90	17.4
DA-4	7.20	5	6.5	0.90	42.1



PLAN VIEW

NOTE:
EACH INDIVIDUAL LOT OWNER IS RESPONSIBLE FOR THE DRAINAGE OF ALL STORM WATER RUNOFF FROM THE BACK OF THE LOT TO THE FRONT OF THE LOT. THIS INCLUDES ALL RUNOFF FROM CONTRIBUTING SLOPES ONTO THE LOT. SEE LOT DRAINAGE DETAIL ON THIS SHEET.



SECTION THRU LOT

TYPICAL LOT DRAINAGE

N.T.S

103077-1

DATE	REVISIONS	BY

REFERENCES — BENCHMARKS

BENCHMARK:
EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 03-06-2440
FIELD BK.: ____
DESIGN BY: JB.
COMP. BY: ____
DRAWN BY: SLI
CHECKED BY: E.I.
DATE: SEPTEMBER 4, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

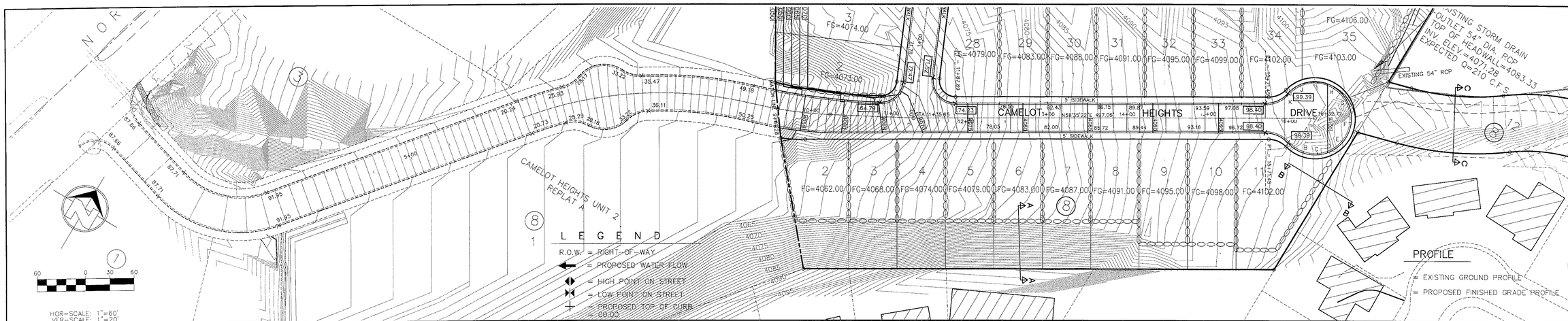
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4457
SLI ENGINEERING, INC.

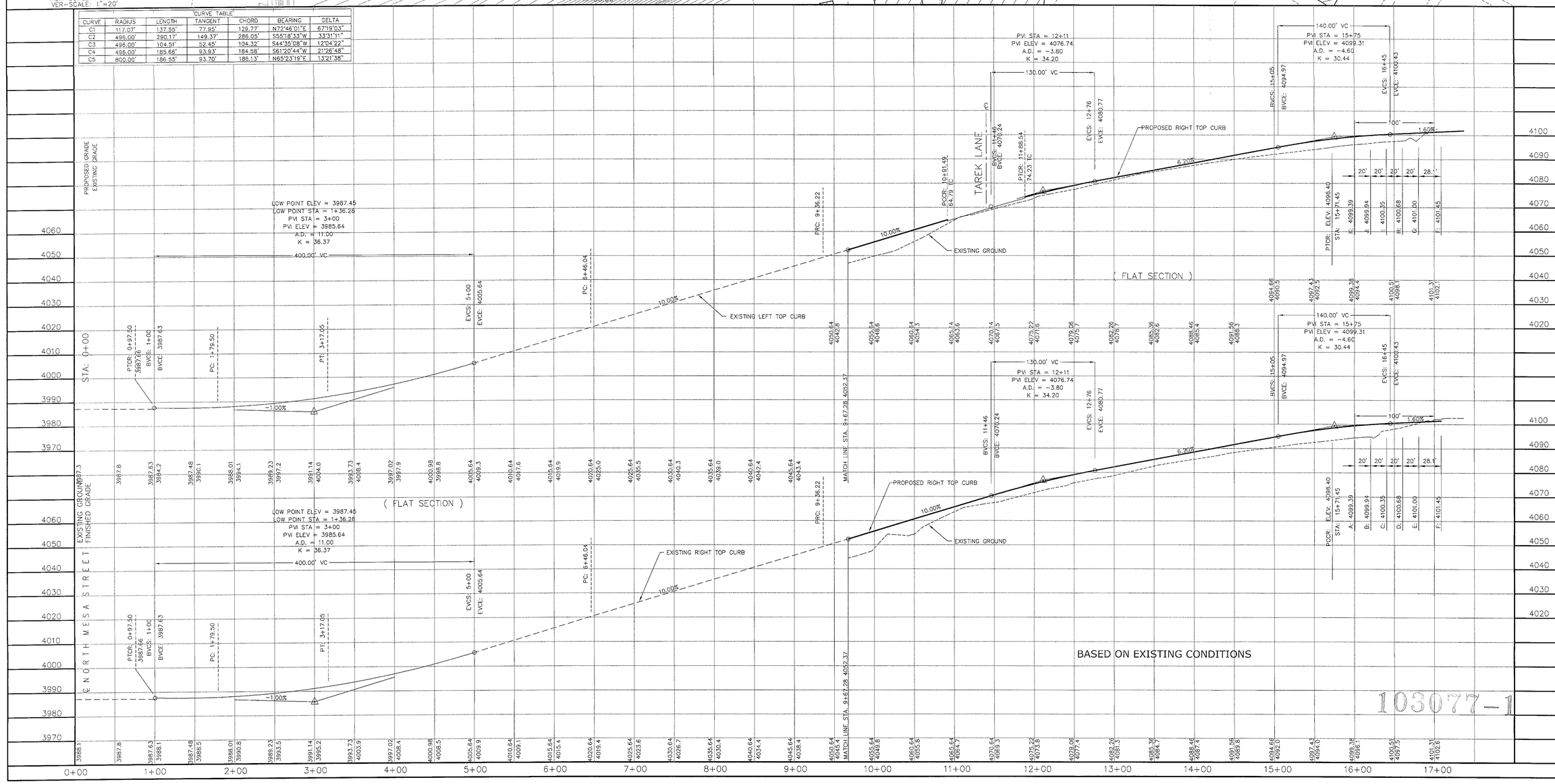
STATE OF TEXAS
GEORGES S. HALLOU
92105
LICENSED PROFESSIONAL ENGINEER
SEP. 04, 2008

DRAINAGE PLAN

C-03



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	117.07'	137.55'	77.95'	129.77'	N72°46'01"E	67°19'03"
C2	496.00'	290.17'	149.37'	286.05'	S55°18'33"W	33°31'11"
C3	496.00'	104.51'	52.45'	104.32'	S44°35'08"W	12°04'22"
C4	496.00'	185.66'	93.93'	184.58'	S61°20'44"W	21°26'48"
C5	800.00'	186.55'	93.70'	186.13'	N65°23'19"E	13°21'38"



103077-1

REVISIONS		
DATE		BY

REFERENCES — BENCHMARKS

BENCHMARK:
EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: JB
COMP. BY:
DRAWN BY: SLI
CHECKED BY: E.T.
DATE: SEPTEMBER 2, 2008

NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

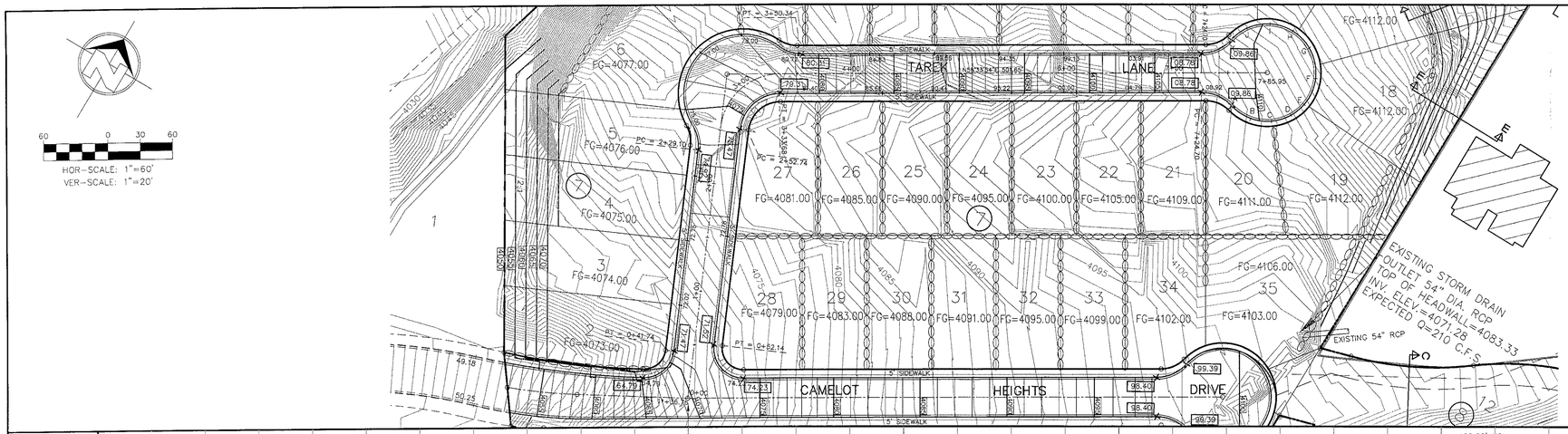
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
8660 WESTWIND DRIVE
EL PASO, TEXAS 79912
(915) 584-4497
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED
PROFESSIONAL ENGINEER
SEP. 04 2008

CAMELOT HEIGHTS DRIVE PROFILE

C-04



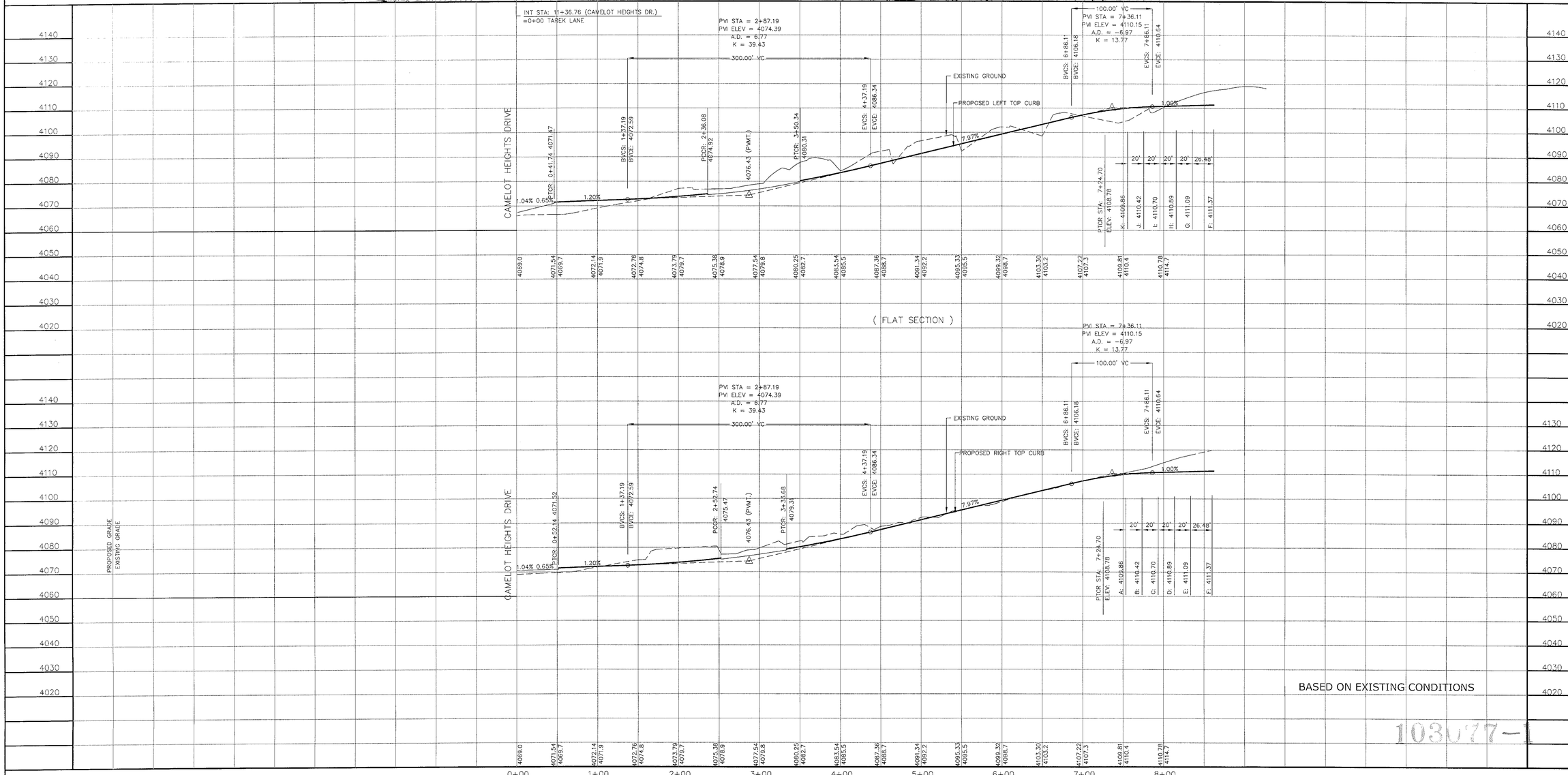
LEGEND

R.O.W. = RIGHT-OF-WAY
= PROPOSED WATER FLOW
= HIGH POINT ON STREET
= LOW POINT ON STREET
= PROPOSED TOP OF CURB = 00.00

PROFILE

= EXISTING GROUND PROFILE
= PROPOSED FINISHED GRADE PROFILE

CURB CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	56.00'	80.94'	49.38'	74.08'	S17°09'25"W	82°48'57"
C2	28.00'	41.60'	25.71'	37.88'	S18°18'26"W	85°07'03"
C3	35.00'	17.49'	8.93'	17.30'	S38°33'48"E	28°37'28"
C4	55.00'	134.45'	151.38'	103.39'	N17°09'25"E	140°03'54"
C5	35.00'	17.49'	8.93'	17.30'	N72°52'38"E	28°37'28"
C6	38.00'	31.55'	16.75'	30.65'	S34°46'49"W	47°34'09"
C7	45.00'	216.09'	--	--	--	275°08'18"
C8	38.00'	31.55'	16.75'	30.65'	S82°20'58"W	47°34'09"
C9	38.00'	54.93'	33.51'	50.27'	N17°09'25"E	82°48'57"
C10	28.00'	47.48'	31.74'	41.99'	S72°49'51"E	97°09'34"



DATE	REVISIONS	BY
06/10/08	REVISED TURNING HEEL	JB
06/09/08	REVISED TURNING HEEL (USED 60FT RADIUS)	

REFERENCES — BENCHMARKS

BENCHMARK:
EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: JB
COMP. BY:
DRAWN BY: SLI
CHECKED BY: E.T.
DATE: SEPTEMBER 2, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6500 WESTWIND DRIVE
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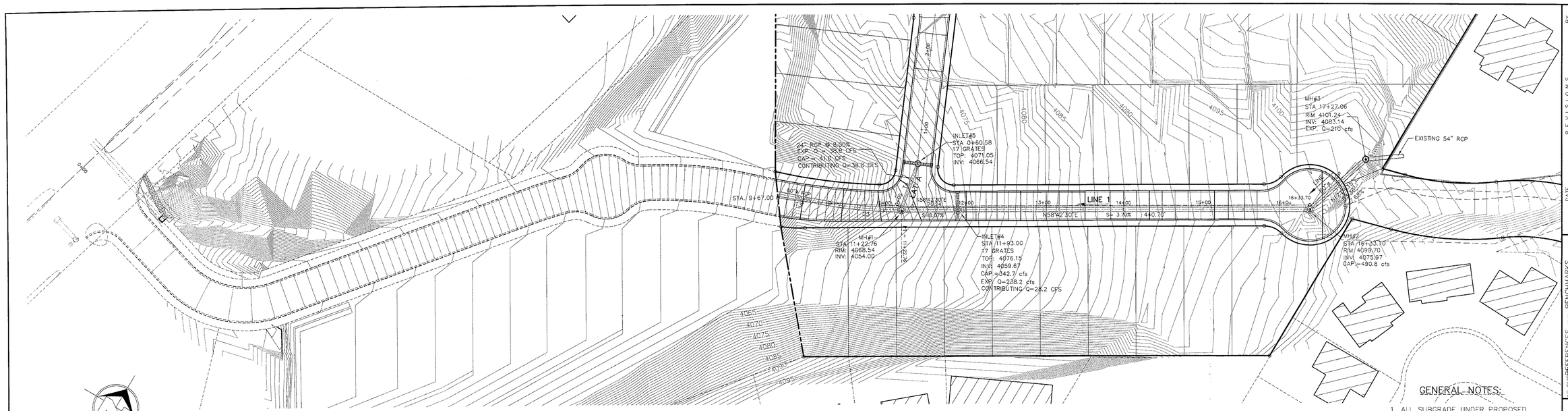
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED PROFESSIONAL ENGINEER
SEP. 04 2008

TAREK LANE
PLAN AND
PROFILE

C-05

103077-1



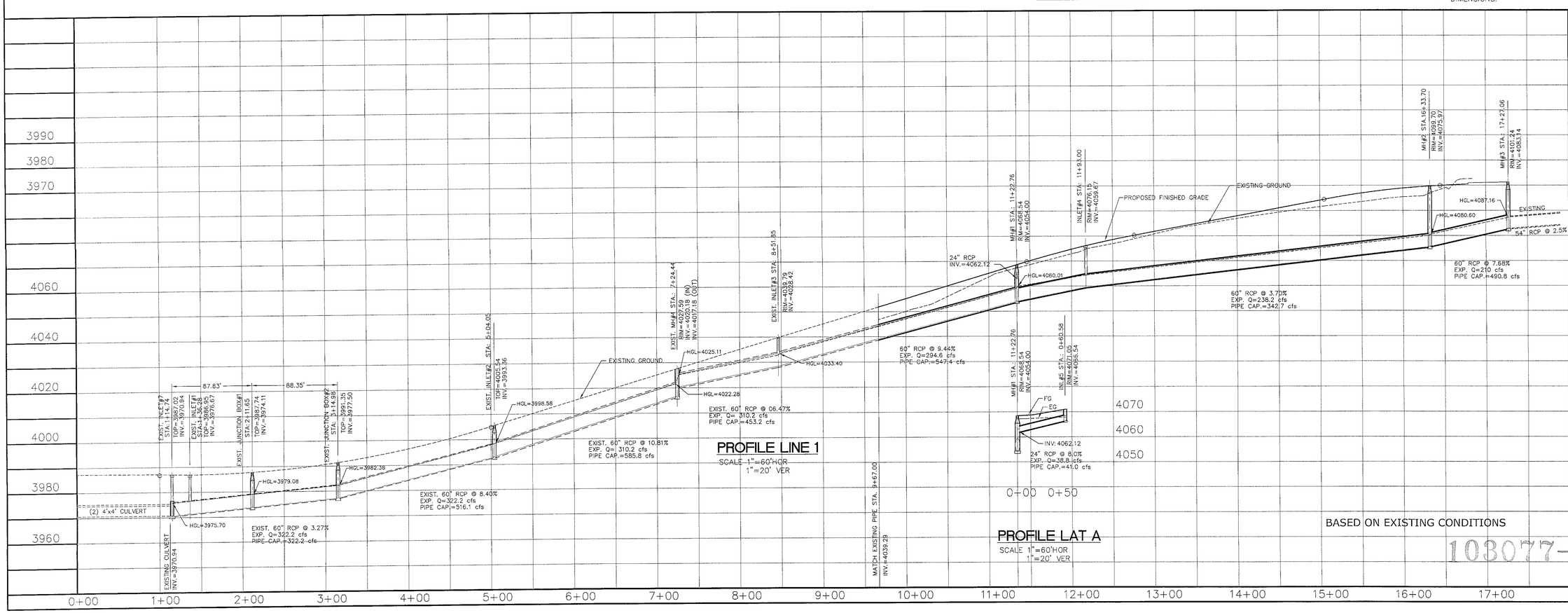
NOTE: ALL DIMENSIONS SHOWN ARE FROM CENTERLINE OF PIPE TO CENTERLINE OF PIPE OR STRUCTURE.

STORM SEWER CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C3	569.01'	94.91'	94.80'	N64°08'03"E	9°33'25"

STORM SEWER LINE TABLE		
TANGENT	BEARING	DISTANCE
T3	N69°34'27"E	60.82'
T4	N11°15'41"W	60.58'

GENERAL NOTES:

1. ALL SUBGRADE UNDER PROPOSED STRUCTURES SHALL BE COMPACTED TO 95 % DENSITY PER ASTM D-1557.
2. RCP SHALL BE BELL AND SPIGOT CLASS III, AND COMFORMING TO ASTM DESIGNATION C-78 WALL C. JOINT SHALL BE WATER TIGHT AND CONFORMING TO ASTM DESIGNATION C-136 ("O" RING GASKETED JOINT)
3. ALL STATIONS BASED ON CENTERLINE DIMENSIONS.



REVISIONS	DATE	BY
1		
2		
3		
4		
5		
6		

AS shown REFERENCES — BENCHMARKS

BENCHMARK:

EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-05-2440
FIELD BK.:
DESIGN BY: J.B.
COMP. BY:
DRAWN BY: SLI
CHECKED BY: E.T.
DATE: AUGUST 25, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4457
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOU
92105
REGISTERED PROFESSIONAL ENGINEER

STORM DRAIN PROFILE LINE 1

C-06

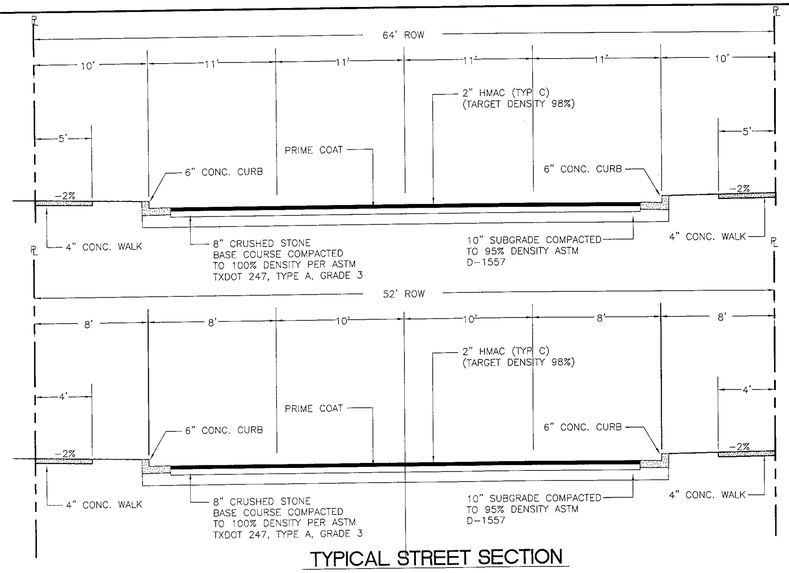
NOTES : (APPLICABLE TO ALL STREETS)

1. BASE TO BE COMPACTED TO 100% DENSITY (ASTM D-1557).
2. SUBGRADE TO BE COMPACTED TO 95% DENSITY (ASTM D-1557).
3. PRIME COAT SHALL CONSIST OF CATIONIC ASPHALT EMULSION SLOW SETTING TYPE, GRADE CSS-1H, APPLIED AT THE RATE OF 0.20 TO 0.30 GALLONS PER SQUARE YARD.
4. SUBGRADE UNDER CURB MUST BE FORMED AND COMPACTED AS SHOWN OR EXCESS CUT MUST BE BACKFILLED WITH CONCRETE.
5. STRICT VERTICAL CONTROL OF ALL CURB AND GUTTER ELEV- WILL BE MAINTAINED THROUGHOUT.
6. COMPACTION TESTS, WHERE REQUIRED BY THE CITY ENGINEER, MUST BE PAID BY THE DEVELOPER. THIS INCLUDES BUT IS NOT LIMITED TO BASE AND SUBGRADE.
7. H.M.A.C. SHALL CONFORM TO ITEM K3305 (PLANT MIX BITUMINOUS PAVEMENTS), GRADE "C", OF THE CITY OF EL PASO TECHNICAL SPECIFICATIONS.
8. FLEXIBLE BASE COURSE SHALL CONFORM TO ITEM 247 (CRUSHED AGGREGATE BASE COURSE), TYPE A, GRADE 3, TXDOT
9. CBR TESTS ARE REQUIRED EVERY 500 FT. OR AS DETERMINED BY THE CITY ENGINEER.
10. ALL ELEVATIONS ON PLANS ARE BASED ON CITY DATUM AND ALL PLANS MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF EL PASO SUBDIVISION DESIGN AND IMPROVEMENT STANDARDS OR NEW SPECIFICATIONS.

COMPACTION BEHIND CURBS

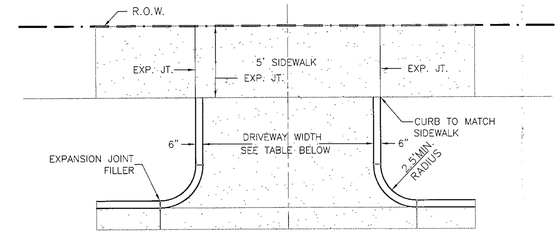
1. ONE FOOT MIN. ON CUTS
2. TWO FEET MIN. ON FILL

ALL STREETS IN THIS DEVELOPMENT ARE FLAT.



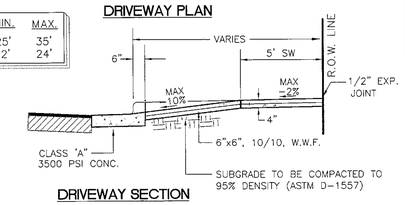
TYPICAL STREET SECTION

SCALE 1"=5'



DRIVEWAY PLAN

DRIVEWAY WIDTH	MIN.	MAX.
COMMERCIAL/INDUSTRIAL	25'	35'
RESIDENTIAL	12'	24'



DRIVEWAY SECTION

MAXIMUM SLOPES

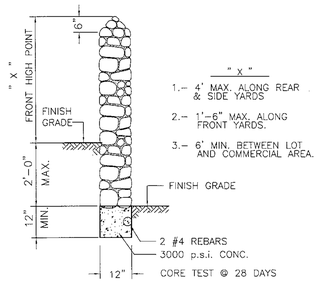
10% FROM CURB TO SIDEWALK
2% SIDEWALK
14% FROM SIDEWALK TO BUILDING

DRIVEWAY RETURN TYPE

N.T.S.

NOTE:

1. STONE FOR ROCKWALL SHALL BE AS NEARLY UNIFORM IN SECTIONS AS IS PRACTICABLE. THE STONE SHALL BE DENSE AND RESISTANT TO AIR AND WATER.
2. MORTAR SHALL BE TYPE "S" 1800 P.S.I. AS PER ASTM C270.
3. MASONRY WALLS OVER SIX (6) FEET IN HEIGHT AND THOSE USED FOR EARTH RETENTION OVER TWO (2) FEET SHALL BE DESIGNED AS STRUCTURAL WALLS.
4. ROCKWALL MORTAR JOINTS SHALL NOT EXCEED TWO (2) INCHES.
5. PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET.
6. ALL STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED.
7. NO RIVER ROCK SHALL BE ALLOWED FOR ROCKWALLS.



"X"

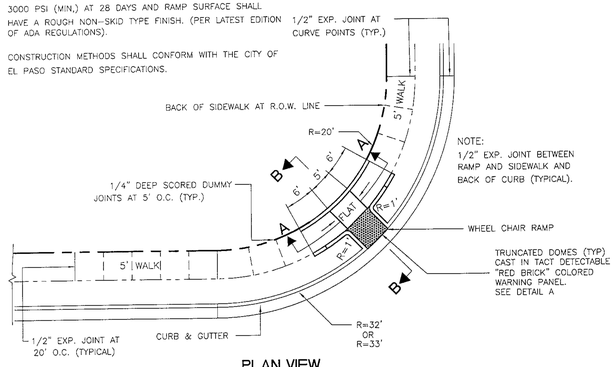
1.- 4' MAX. ALONG REAR & SIDE YARDS
2.- 1'-6" MAX. ALONG FRONT YARDS.
3.- 6' MIN. BETWEEN LOT AND COMMERCIAL AREA.

ROCKWALL DESIGN

N.T.S.

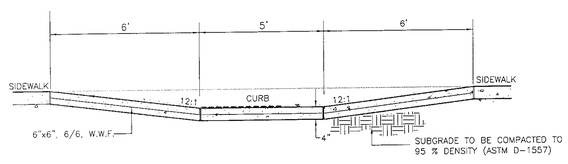
WHEEL CHAIR RAMP NOTES

1. CONCRETE TO BE CLASS 'A' W/ COMPRESSIVE STRENGTH OF 3000 PSI (MIN.) AT 28 DAYS AND RAMP SURFACE SHALL HAVE A ROUGH NON-SKID TYPE FINISH. (PER LATEST EDITION OF ADA REGULATIONS).
2. CONSTRUCTION METHODS SHALL CONFORM WITH THE CITY OF EL PASO STANDARD SPECIFICATIONS.



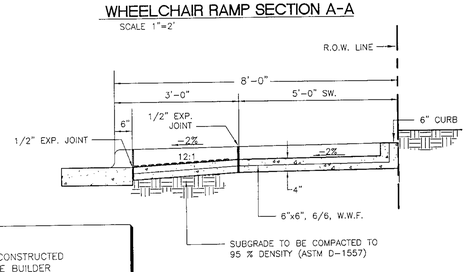
PLAN VIEW

SCALE 1"=10'



WHEELCHAIR RAMP SECTION A-A

SCALE 1"=2'



* NOTE:
TO BE CONSTRUCTED BY HOME BUILDER

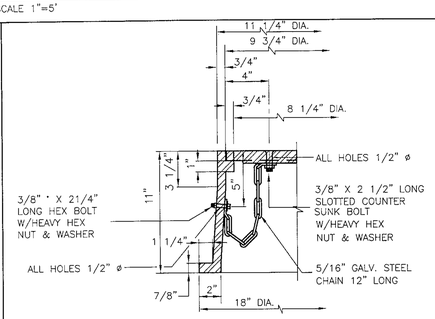
WHEELCHAIR RAMP SECTION B-B

SCALE 1"=2'

WHEELCHAIR RAMP DETAILS

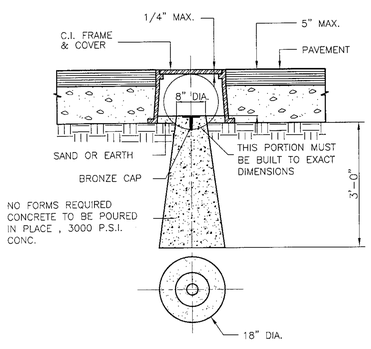
N.T.S.

BASED ON EXISTING CONDITIONS



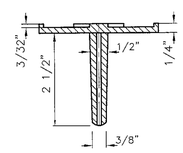
FRAME SECTION

N.T.S.



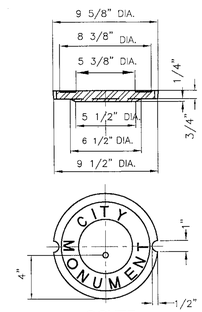
BRONZE MONUMENT CAP FOUNDATION

N.T.S.

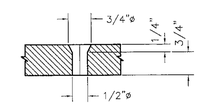


COVER

N.T.S.



COVER

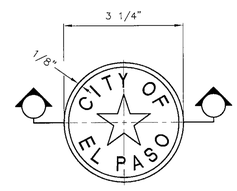


COUNTERSUNK DET.

OUTSIDE RADIUS OF STAR = 3/4"
INSIDE RADIUS OF STAR = 5/16"

HEIGHT OF LETTERS = 7/16"
WIDTH OF LETTER BODY = 3/16"
RADII FOR POSITION OF
LETTERING 13/16" AND 1 1/4"

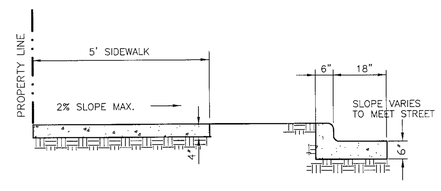
EMBOSS STAR, RING AND LETTERS
TO HEIGHT OF 3/32"



BRONZE MONUMENT CAP

CITY SURVEY MONUMENT DETAILS

N.T.S.



NOTES:

1. CONCRETE SHALL BE 3000 PSI MIN.
2. DUMMY JOINT REQUIRED AT 10' O.C. FOR CURB AND GUTTER AND 5' O.C FOR SIDEWALK.
3. EXPANSION MATERIAL REQUIRED AT AT CURB RETURNS, WITH 1/2" PREMOLDED ASPHALT IMPREGNATED EXPANSION MATERIAL OR EQUAL.
4. EXPANSION JOINTS REQUIRED AT 50' O.C. WHEN FORMING FOR CURBS.

CURB AND GUTTER WITH SIDEWALK SECTION

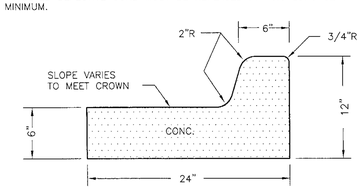
N.T.S.

NOTES :

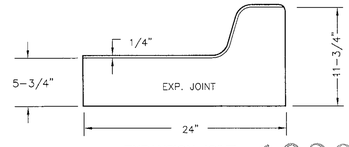
1. BASE TO BE COMPACTED TO 100% DENSITY (ASTM D-1557).
2. SUBGRADE TO BE COMPACTED TO 95% DENSITY (ASTM D-1557).
3. PRIME COAT SHALL CONSIST OF CATIONIC ASPHALT EMULSION SLOW SETTING TYPE, GRADE CSS-1H, APPLIED AT THE RATE OF 0.25 TO 0.30 GALLONS PER SQUARE YARD.
4. SUBGRADE UNDER CURB MUST BE FORMED AND COMPACTED AS SHOWN OR EXCESS CUT MUST BE BACKFILLED WITH CONCRETE.
5. H.M.A.C. SHALL CONFORM TO ITEM 340 (HOT MIX ASPHALTIC CONC. PAVEMENT), TYPE C, OF THE "1993 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES" BY TXDOT.
6. FLEXIBLE BASE COURSE SHALL CONFORM TO ITEM 247 (FLEXIBLE BASE), TYPE A, GRADE 3 OF THE "1993 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES" BY TXDOT.

G E N E R A L N O T E S

1. PROVIDE 1/2" PREMOLDED ASPHALT IMPREGNATED EXPANSION JOINT AT ALL CURVE POINTS AND WHERE THE NEW CURB WILL ABUT ANY EXISTING CURB. EXPANSION JOINT IS REQUIRED BETWEEN BACK OF CURB AND ANY STRUCTURE ABUTTING DIRECTLY AGAINST IT AND SHALL BE PLACED IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
2. TRIM EXPANSION JOINT MATERIAL 1/4" LESS THAN THE NEAT CURB AND GUTTER DIMENSION.
3. SUBGRADE UNDER CURB MUST BE FORMED AND COMPACTED. (95% ASTM D-1557)
4. CONCRETE SHALL BE CLASS 'A', AND HAVE A COMPRESSIVE STRENGTH OF 3000 PSI (MIN) AT 28 DAYS.
5. EXPANSION JOINTS FOR CURBS ARE TO BE PROVIDED AT CHANGES OF DIRECTIONS, AT ALL CURB RETURNS, AND WHERE CURB ABUTS OTHER MASONRY STRUCTURES.
6. ONE-INCH MINIMUM SCORED CONSTRUCTION JOINTS ARE TO BE PROVIDED EVERY 10 FEET FOR CURB AND GUTTER, AND EVERY 5 FEET FOR SIDEWALKS.
7. REJECTED DEFECTIVE CURB MUST BE REPLACED IN 10.0 LONG SECTIONS, MINIMUM.



CURB + GUTTER



EXPANSION JOINT

103077-1

CURB AND GUTTER DETAILS

N.T.S.

DATE	REVISIONS	BY

REFERENCES — BENCHMARKS

BENCHMARK:
EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)
ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: JJB
COMP. BY:
DRAWN BY: SJ
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

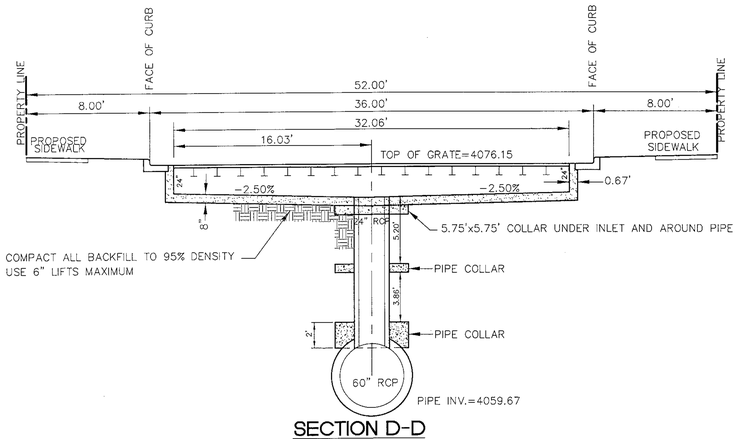
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 1 THRU 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4457
SLI ENGINEERING, INC.

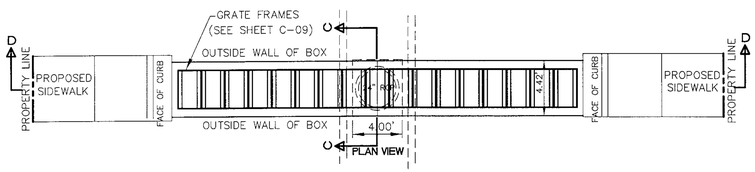
STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED
PROFESSIONAL ENGINEER
Sep. 04 2008

TYPICAL DETAILS

C-07



SECTION D-D



INLET No.4 DETAIL-STA.11+93.00

N.T.S.

(CAMELOT HEIGHTS DRIVE)

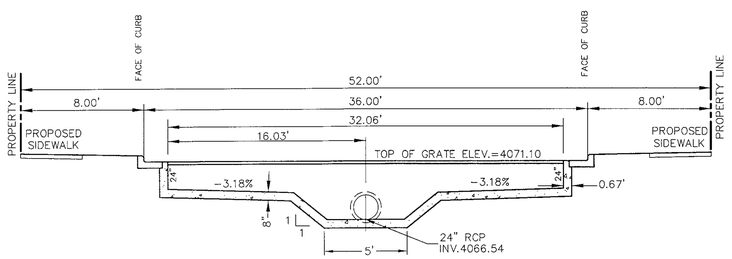
CAPACITY PER GRATE

$Q = CA\sqrt{2GH}$

$Q = (0.70)(3.52)\sqrt{(2)(32.2)(0.5)} = 13.98cfs$

$Q = (13.98)(0.50) = 6.99$ cfs

17 GRATES x 6.99 = 118.8 TOTAL CFS



INLET No. 5 DETAIL- STA.0+60.58

N.T.S.

(TAREK LANE)

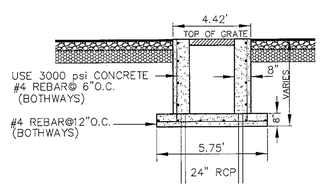
CAPACITY PER GRATE

$Q = CA\sqrt{2GH}$

$Q = (0.70)(3.52)\sqrt{(2)(32.2)(0.5)} = 13.98cfs$

$Q = (13.98)(0.50) = 6.99$ cfs

17 GRATES x 6.99 = 118.8 TOTAL CFS

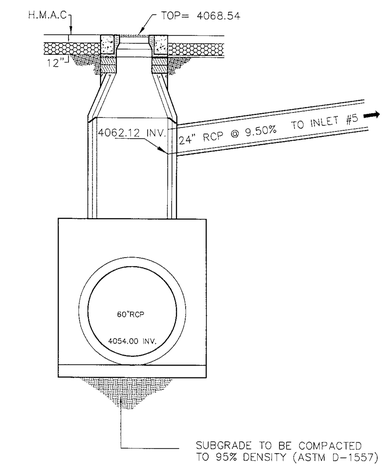


SECTION C-C (TYPICAL)

N.T.S.

NOTES:

1. ALL CONCRETE TO BE 3000 PSI CLASS "A" UNLESS OTHER WISE INDICATED.
2. REINFORCEMENT SHALL BE #4 DEFORMED BARS (60 K GARADE) AT 6" EACH WAY.
3. SUBGRADE UNDER ALL STRUCTURES SHALL BE COMPACTED TO 95% DENSITY PER ASTM D-1557.



MANHOLE No.1 STA.11+22.76

N.T.S.

NOTE:
EMBED ALL BEAMS 5"
INTO CONCRETE

W6x12 STEEL BEAM (TYPICAL)

N.T.S.

BASED ON EXISTING CONDITIONS

DATE	REVISIONS	BY
△		
△		
△		
△		
△		
△		

REFERENCES — BENCHMARKS

BENCHMARK:

EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

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JOB NO.: 09-06-2440
FIELD BK.:
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CIVIL ENGINEERS
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SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOL
92105
LICENSED PROFESSIONAL ENGINEER
SEP 04 2008

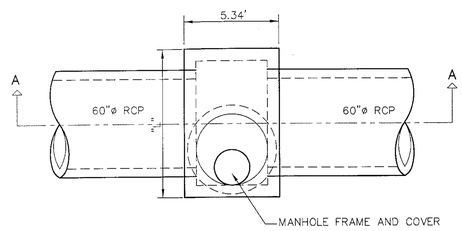
109077-1

INLET DETAILS

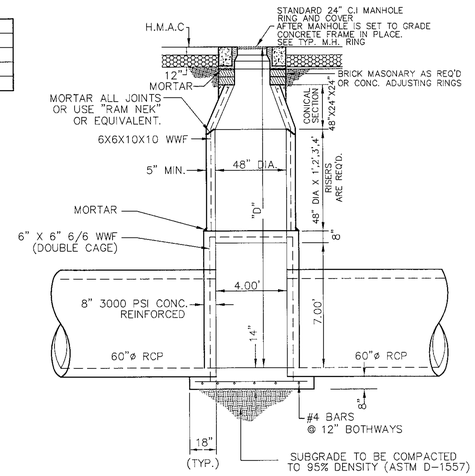
C-08

MH NO.	"D"	"L"	MANHOLE TYPE	ELEVATIONS	
				RIM	INVERT
1	14.54'	8.34'	C.I.P./RISER	4068.54	4054.00
2	23.73'	8.34'	C.I.P./RISER	4099.70	4075.97
3	18.10'	8.34'	C.I.P./RISER	4101.24	4083.14

C.I.P.=CAST IN PLACE
RISER=PRE-CAST SECTION



PLAN: MANHOLE
N.T.S.



SECTION A-A
N.T.S.

CONCRETE MANHOLE/JUNCTION BOX DETAIL
N.T.S.

MANHOLE GENERAL NOTES

1. MANHOLES RISERS SHALL BE MANUFACTURED IN CONFORMANCE W/ ASTM C-478-93 AND MEETING ALL REQUIREMENTS AND DIMENSIONS.

   MINIMUM WALL THICKNESS SHALL BE 1/12 OF INTERNAL DIAMETER OF RISER OR LARGEST CORE DIAMETER. REINFORCEMENT SHALL BE 6" X 6" 6/6 WWF (DOUBLE CAGE).

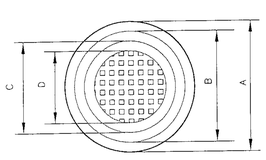
   CONCRETE SHALL HAVE A MINIMUM 4000 PSI @ 28 COMPRESSIVE STRENGTH. IN NO CASE SHALL THE COMPRESSIVE STRENGTH FALL BELOW 3200 PSI BY TESTING CYLINDERS OR CORING OF FINISHED PRODUCT.

   AGGREGATES SHALL CONFORM TO SPECIFICATION C-33, EXCEPT THAT THE GRADATION SHALL NOT APPLY.

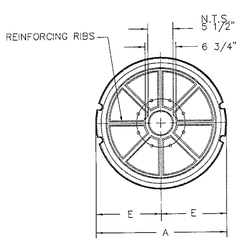
   JOINTS ARE TONGUE AND GROOVE TYPE.

2. POURED IN PLACE CONCRETE MUST HAVE A MINIMUM ALLOWABLE COMPRESSIVE STRENGTH OF 3000 p.s.i @ 28 DAYS.
3. MASONRY IF USED, TO BE COMMON BRICK WITH ASTM TYPE "S" MORTAR 1800 p.s.i.
4. ALL PRECAST JOINTS ON MANHOLES MUST BE GROUTED OR SEALED FOR A WATERTIGHT JOINT.
5. MANHOLE COVER MUST BE FLUSH WITH FINISHED PAVEMENT. (SLOPE TO MATCH FG.)
6. MATCHING SURFACES MARKED "MF" TO BE MACHINE FINISHED OF ANY IRREGULARITIES THAT WOULD PREVENT A SNUG FIT.
7. CASTING OF MANHOLES , ETC. TO BE SMOOTH AND VOID OF AIR HOLES.

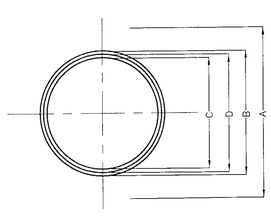
BASED ON EXISTING CONDITIONS



TOP VIEW
N.T.S.

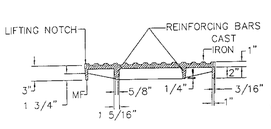


BOTTOM VIEW
N.T.S.

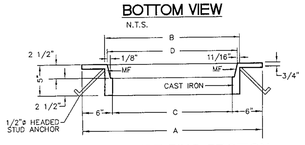


TOP VIEW
N.T.S.

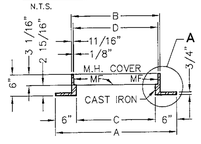
	MANHOLE COVER	
	48" DIA. MANHOLE	72" DIA. MANHOLE
WEIGHT	175 LBS	310 LBS
A	1'-11 3/4"	2'-7 1/4"
B	1'-8 5/8"	2'-4 1/8"
C	1'-4 7/8"	2'-3/8"
D	1'-2 3/8"	1'-9 7/8"
E	11 7/8"	1'-3 5/8"



STD. MH COVER
N.T.S.



SLAB TYPE RING SECTION
N.T.S.

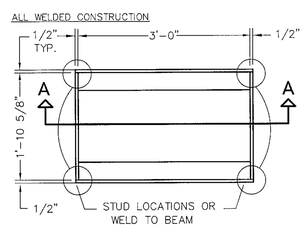


STD. SECTION
N.T.S.

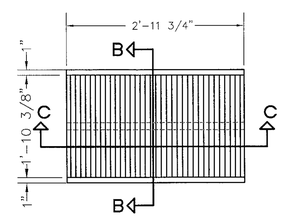
	MANHOLE RING	
	48" DIA. MANHOLE	72" DIA. MANHOLE
WEIGHT	165 LBS.	225 LBS.
A	2'-10 1/2"	3'-6"
B	2'-1 1/4"	2'-8 3/4"
C	1'-10 1/2"	2'-6"
D	1' 11 7/8"	2'-7 3/8"

STD. MH RING
N.T.S.

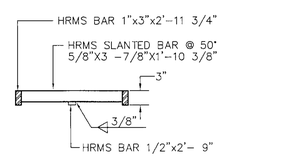
MANHOLE RING AND COVER DETAILS
N.T.S.



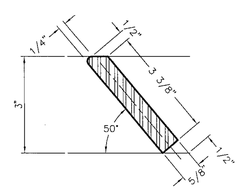
FRAME



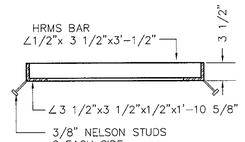
GRATE



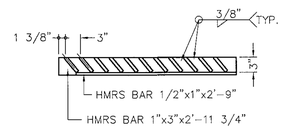
SECTION C-C



SLANTED BAR DETAIL



SECTION A-A



SECTION B-B

NOTE: ROUND OFF CORNERS OF EACH SLANTED BARS AS SHOWN

CAPACITY PER GRATE
Q= CA $\sqrt{2GH}$
Q= (0.70)(3.52) $\sqrt{(2)(32.2)(0.5)}$ = 13.98cfs
Q= (13.98)(0.50) = 6.99 cfs

CAPACITY FOR CURB OPENING (PER GRATE)
Q= 3.087 L $(H)^{3/2}$
Q= $(3.087)(1.88)(0.5)^{3/2}$ = 2.05 cfs

TOTAL CAPACITY FOR CURB OPENING + GRATE
Q= 6.99+ 2.05 = 9.04cfs

FRAME AND GRATE DETAILS (MODIFIED)
NTS

DATE	REVISIONS	BY
1		
2		
3		
4		
5		
6		

REFERENCES — BENCHMARKS

BENCHMARK:
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ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: J.B.
COMP. BY:
DRAWN BY: SLI
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

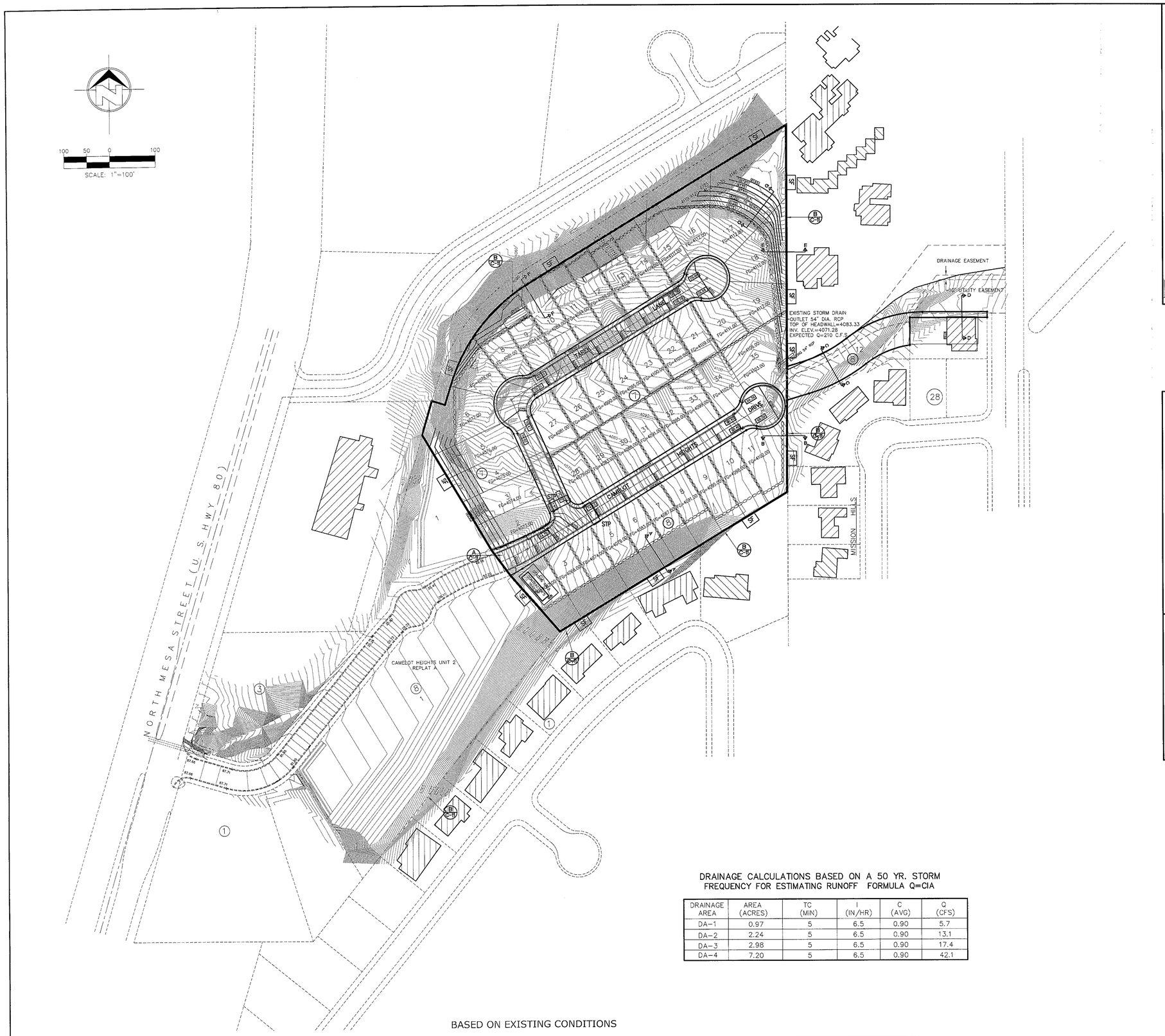
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF PARK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A" CITY OF EL PASO, EL PASO COUNTY, TEXAS

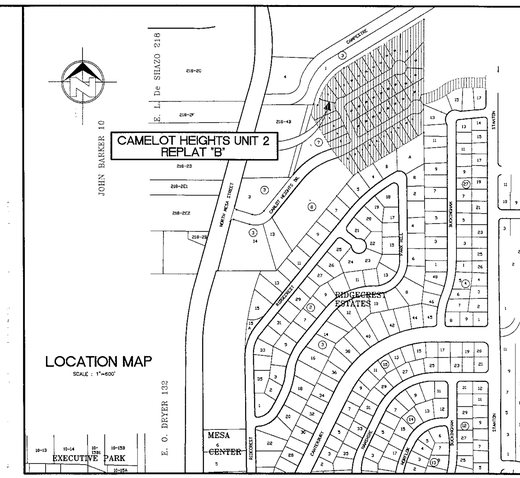
CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTMND DRIVE
EL PASO, TEXAS
(915) 584-4457
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOU
92105
LICENSED PROFESSIONAL ENGINEER
SEP. 04 2008

INLET DETAILS

C-09





LOCATION MAP
SCALE : 1"=600'

FLOOD ZONE

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NO. 480 214 0043 B, DATED OCTOBER 15, 1982, THIS PROPERTY LIES IN FLOOD ZONES C

ZONE C AREAS OF MINIMAL FLOODING.

DUE TO INHERENT INACCURACIES OF FEMA OR FLOOD INSURANCE RATE MAPS THIS SURVEYOR DOES NOT CERTIFY TO THE ACCURACY OF LOCATIONS BASED ON SUCH MAPS. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.

NOTE

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) STUDY FOR THIS PROJECT. THE STUDY MUST MEET ALL FEDERAL, STATE, AND LOCAL AUTHORITY GUIDELINES. THE EROSION CONTROL PLAN AND DETAILS INCLUDED IN THIS DRAWING SET HAVE BEEN INCLUDED AS A GUIDE/SUGGESTION AND MAY BE MODIFIED BY THE OWNER'S REPRESENTATIVE AND/OR THE CITY OF EL PASO ENVIRONMENTAL SPECIALIST, AS REQUIRED, TO PREVENT CONSTRUCTION DEBRIS AND RUN-OFF FROM LEAVING THE SITE. ADDITIONAL BMP MEASURES MAY BE REQUIRED, AT NO ADDITIONAL COST TO THE OWNER.

EROSION CONTROL ELEMENTS NOTES

THE CONTRACTOR SHALL ERECT THESE EROSION CONTROL ELEMENTS PRIOR TO THE COMMENCEMENT OF ANY SITE IMPROVEMENTS DURING CONSTRUCTION THE CONTRACTOR SHALL INSPECT THE EROSION CONTROL ELEMENTS REGULARLY AND ESPECIALLY AFTER EACH STORM IN ORDER THAT THEY MAINTAIN THEIR EFFECTIVENESS. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY ELEMENT THAT HAS BEEN DAMAGED OR THAT SHOWS SIGNS OF EROSION OR POTENTIAL FAILURE. (THIS INCLUDES REMOVING SEDIMENT WHEN IT HAS ACCUMULATED TO 1/3 THE HEIGHT OF THE SILT FENCE AND REPLACING ANY DAMAGED HAY BALES IMMEDIATELY.)

WIND EROSION CONTROL: WATER DURING AND AFTER COMPLETION OF GRADING. THE PROJECT AREA SHALL BE COMPLETELY WATERED AS NEEDED TO CONTROL WIND EROSION (OR AS DIRECTED BY THE DEPUTY DIRECTOR OF ENGINEERING..

DURING CONSTRUCTION THE CONTRACTOR SHALL CONSTRUCT A 50'X25'X6" TEMPORARY GRAVEL ROADBED AT POINTS OF EXIT UNTO PUBLIC ROADWAYS.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR MAINTAINING PROPER DRAINAGE DURING CONSTRUCTION AND NOT ALLOWING SEDIMENT RUNOFF TO ENTER UNTO PUBLIC STREETS OR PARKING AREAS.

WARNING BEFORE YOU DIG!!

THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UNDER-GROUND UTILITIES WITHIN THE PROJECT AREA AND CONTACT THE RESPECTIVE AGENCIES PRIOR TO DIGGING .

LEGEND

- 55 PROPOSED FG (CONTOUR)
- 4250 EXISTING GROUND (CONTOUR)
- PROPOSED HIGH POINT
- PROPOSED DRAINAGE RUNOFF
- DRAINAGE AREA
- SF SILT FENCE LOCATION
- STP INLET SEDIMENT TRAP
- STABILIZED ROAD ENTRANCE
- INLET PROTECTION HAYBALE

NOTE: REFER TO SHEET C-11 FOR DETAILS.

DRAINAGE CALCULATIONS BASED ON A 50 YR. STORM FREQUENCY FOR ESTIMATING RUNOFF FORMULA Q=CIA

DRAINAGE AREA	AREA (ACRES)	TC (MIN)	I (IN/HR)	C (AVG)	Q (CFS)
DA-1	0.97	5	6.5	0.90	5.7
DA-2	2.24	5	6.5	0.90	13.1
DA-3	2.98	5	6.5	0.90	17.4
DA-4	7.20	5	6.5	0.90	42.1

BASED ON EXISTING CONDITIONS

REVISIONS	DATE	BY
1		
2		
3		
4		
5		

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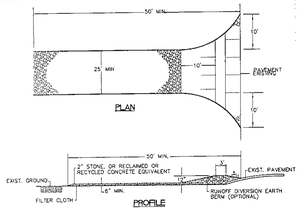
CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4457
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED
PROFESSIONAL ENGINEER
SEP. 04, 2008

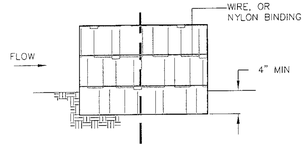
STORM WATER POLLUTION PREVENTION PLAN

C-10

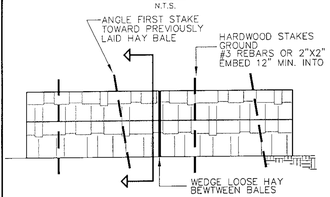
105177-1



A STABILIZED CONSTRUCTION ENTRANCE
SCALE: N.T.S.



SECTION
N.T.S.

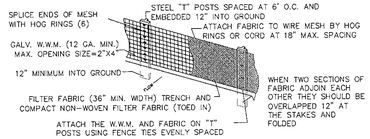


ELEVATION
N.T.S.

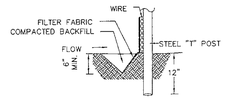
NOTES:

1. HAY BALES SHALL BE A MINIMUM OF 30" IN LENGTH
2. HAY BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THA ADJACENT BALES. THE BALES SHALL BE PLACED WITH BINDINGS PARALLES TO THE GROUND.
3. THOUROUGHLY COMPACT THE GROUND ON THE UP-STREAM SIDE OF THE HAY BALES.

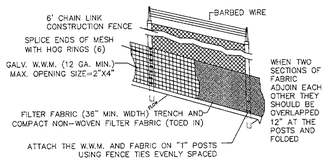
C HAYBALE EROSION CONTROL
N.T.S.



STAND ALONE
N.T.S.

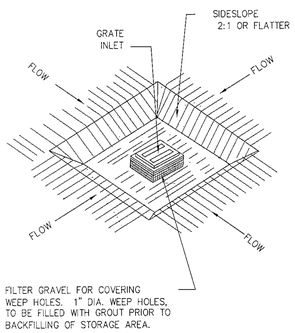


EXTENSION OF FABRIC TRENCH



ON CONTRACTOR'S FENCE
N.T.S.

B TEMPORARY SEDIMENT CONTROL FENCE
N.T.S.



CROSS SECTION
GRATE INLET

1. THE EXCAVATED TRAP SHALL BE SIZED TO PROVIDE A MINIMUM STORAGE CAPACITY CALCULATED AT 3,600 CUBIC FEET PER ACRE OF DRAINAGE AREA. THE TRAP SHALL BE NO LESS THAN ONE FOOT NOR MORE THAN TWO FEET DEEP MEASURED FROM THE TOP OF THE INLET STRUCTURE.
2. WHERE AN INLET IS LOCATED SO AS TO RECEIVE CONCENTRATED FLOWS, THE BASIN SHALL HAVE A RECTANGULAR SHAPE IN A 2:1 (LENGTH/WIDTH) RATIO, WITH THE LENGTH ORIENTED IN THE DIRECTION OF THE FLOW.
3. SEDIMENT SHALL BE REMOVED AND RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP.

D STORM INLET SEDIMENT TRAP
N.T.S.

SWPPP INSPECTION REPORT

PROJECT NAME: _____

CONTRACTOR : _____ DATE OF INSPECTION : _____

INSPECTION CONDUCTED BY: _____ _____
PRINTED NAME SIGNATURE

QUALIFICATIONS OF THE INSPECTOR: _____

REPORT PREPARED BY: (Circle One) CONTRACTOR OWNER

7 DAY INSPECTION 14 DAY INSPECTION AFTER-RAIN EVENT INSPECTION

SITE DESCRIPTION

PROJECT TITLE:	CAMELOT HEIGHTS UNIT 2 REPLAT "B"
OWNER AND ADDRESS:	CAMELOT POINT L.L.C. 6875 OVEJA DRIVE EL PASO, TEXAS 79912 (915)526-9876
DESCRIPTION:	THIS PROJECT WILL CONSIST OF COMMERCIAL AND RESIDENTIAL HOUSING.
SITE AREA:	THE SITE IS APPROXIMATELY 12.842 ACRES WHICH WILL BE DISTURBED BY THE CONSTRUCTION ACTIVITIES.

INSPECTION ISSUE	Y	N	N/A	COMMENTS
ARE NPDES PERMITS, FOR ALL PERMITEES POSTED AT THE CONSTRUCTION ENTRANCE ?				
IS CONTACT INFORMATION FOR ALL PERMITS POSTED AT THE CONSTRUCTION ENTRANCE ?				
ARE COPIES OF INSPECTION REPORT INCLUDED WITH THE SWPPP				
IS A COPY OF THE SWPPP CERTIFICATIONS FOR ALL PERMITS INCLUDED WITH SWPPP ?				
IF THE BMP's HAVE BEEN MODIFIED, HAS THE SWPPP BEEN MODIFIED ?				
ARE THERE ANY SIGNS OF DISCHARGE LEAVING THE SITE ?				
ARE ALL BMP's FUNCTIONING AS INTENDED ?				
ANY ADDITIONAL BMS's REQUIRED ?				
ARE STABILIZED ENTRANCES/EXITS PREVENTING STREET CONTAMINATION ?				
ARE ANY BMP's IN NEED OF REPAIR AND/OR MAINTENANCE ?				
ARE ANY HAZARDOUS MATERIALS BEING EXPOSED TO STORM WATER RUNOFF ?				
HAVE THERE BEEN ANY REPORTABLE SPILLS OF HAZARDOUS MATERIALS ?				
HAVE ALL AREAS OF THE SITE NOT COVERED BY IMPERVIOUS MATERIALS ACHIEVED THE REQUIRED COVERAGE ?				
ARE ALL SOIL-DISTURBING ACTIVITIES COMPLETE?				
HAS A NOTICE OF TERMINATION (NOT) BEEN FILED ?				

NOTE: ALL ITEMS OF NON-COMPLIANCE SHALL BE REPAIRED/INSTALLED WITHIN SEVEN (7) CALENDAR DAYS OF INSPECTION. REPAIRS/INSTALLATION SHALL BE COMPLETED IMMEDIATELY, IF STORM CONDITIONS ARE IMMINENT

NOTE INCIDENTS OF NON-COMPLIANCE: _____

"I CERTIFY UNDER PENALTY OF LAW THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ENSURE THAT QUALIFIED PERSONNEL PROPERTY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY 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 THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISON MENT FOR KNOWING VIOLATIONS."

SIGNATURE: _____ DATE: _____

PRINTED NAME: _____

TITLE: _____

INSPECTIONS

A. GENERAL

1. EACH CONTRACTOR WILL DESIGNATE A QUALIFIED PERSON OR PERSONS TO PERFORM THE FOLLOWING INSPECTIONS:
   a. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION WILL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS CONTAMINATING THE AREA.
   b. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN WILL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY.
   c. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY WILL BE INSPECTED TO ASCERTAIN WHERE EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE SURROUNDING AREA.
   d. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE DISTURBED AREAS OF SITE WILL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
2. THE INSPECTION WILL BE CONDUCTED BY THE RESPONSIBLE PERSON AT LEAST ONCE EVERY 7 CALENDAR DAYS INSPECTIONS SHALL TAKE PLACE ON TUESDAY OF THE WORKWEEK, ALLOWING SUFFICIENT TIME DURING THE SAME WORKWEEK FOR NECESSARY MAINTENANCE AND/OR REPAIR OF SITE CONTROLS.
3. AFTER A PORTION OF THE SITE IS FINALLY STABILIZED, INSPECTION WILL BE CONDUCTED AT LEAST ONCE EVERY MONTH.
4. BASED ON THE RESULTS OF THE INSPECTION, THE SITE EROSION AND SEDIMENT CONTROL DRAWING (SWPPP DRAWING) WILL BE REVISED AS APPROPRIATE, BUT IN NO CASE LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
5. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF SWPPP, AND ACTIONS TAKEN IN ACCORDANCE WITH THIS SECTION WILL BE MADE AND RETAINED AS PART OF THE SWPPP FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABIJZED. THE REPORT WILL BE SIGNED BY THE BY THE QUALIFIED INSPECTOR

NOTES

1. THERE ARE NO HISTORICAL STRUCTURES SITUATED ON THIS SITE.
2. THERE ARE NO ENDANGERED SPECIES AFFECTED BY THIS CONSTRUCTION PROJECT.

BASED ON EXISTING CONDITIONS

EROSION AND SEDIMENT CONTROL

SOIL STABILIZATION PRACTICES

___ TEMPORARY SEEDING
X PERMANENT PLANTING, SODDING, OR SEEDING
___ MULCHING
___ SOIL RETENTION BLANKET
___ BUFFER ZONES
X PRESERVATION OF NATURAL RESOURCES
OTHER _____

STRUCTURAL PRACTICES

X SILT FENCES
X INLET SEDIMENT TRAPS
___ EARTH BERMS
___ DIVERSION, INTERCEPTOR OR PERIMETER DIKES
___ DIVERSION, INTERCEPTOR OR PERIMETER SWALES
___ DIVERSION DIKES AND SWALE COMBINATIONS
___ RETENTION BASINS
___ CONCRETE FLUMES
X ROCK BEDDING AT CONSTRUCTION EXIT
___ TIMBER MATTING AT CONSTRUCTION EXIT
___ CHANNEL LINERS
___ SEDIMENT TRAPS
___ SEDIMENT BASINS
___ STORM INLET SEDIMENT TRAP
___ STONE OUTLET STRUCTURES
X CURBS AND GUTTERS
X STORM DRAINS
___ VELOCITY CONTROL DEVICES
___ VEGETATED SWALES AND NATURAL DEPRESSIONS
OTHER FINAL LANDSCAPING

NARRATIVE: SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES

1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROLS (e.g. SILT FENCE AND/OR BERMS AND STABILIZED CONSTRUCTION ENTRANCE.)
2. EXECUTE GRADING.
3. COMPLETE SITE GRADING.
4. EXCAVATION FOR UTILITIES.
5. COMPLETION OF SITE IMPROVEMENTS.
6. WHEN ALL CONSTRUCTION ACTIVITIES RELATED TO THE DEVELOPMENT OF THE SITE ARE COMPLETED, REMOVE TEMPORARY CONTROLS MENTIONED IN NOTE NO.1 ABOVE, AND THEN SUBMIT NOTICE OF TERMINATION FORM.
7. APPROXIMATE SCHEDULE OF MAJOR ACTIVIES:
   SITE GRADING = _____ , 200__ THROUGH _____, 200__
   TERMINATION OF GRADING TO END OF PROJECT = _____ 200__THROUGH_____, 200__

MATERIALS OR SUBSTANCES EXPECTED TO BE PRESENT ON SITE DURING CONSTRUCTION

— CONCRETE	— PETROLEUM BASED PRODUCTS	— FUELS
— DETERGENTS	— CLEANING SOLVANTS	— WATER WASHINGS
— PAINTS (ENAMEL AND LATEX)	— WOOD	— GLUES, ADHESIVES
— METAL STUDS	— ROOFING SHINGLES	— ROOFING SHINGLES
— TAR	— OILS	— CURING COMPOUNDS

(NO ASBESTOS ON SITE)

GENERAL CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT THAT AUTHORIZES STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNED: _____ COMPANY: _____
NAME: _____ ADDRESS: _____
TITLE: _____ TELEPHONE: _____
DATE: _____

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 CONTROLS MEASURES.

SIGNED: _____	SIGNED: _____
NAME: _____	NAME: _____
TITLE: _____	TITLE: _____
COMPANY: _____	COMPANY: _____
ADDRESS: _____	ADDRESS: _____
TELEPHONE: _____	TELEPHONE: _____
DATE: _____	DATE: _____

OWNER CERTIFICATION

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 GATHERED AND EVALUATED 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 THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

_____
OWNER : SIGNED DATE

_____
OWNER : NAME DATE

_____
TITLE: DATE

BEST MANAGEMENT PRACTICES CONTROLS

I WASTE MATERIALS:

ALL WASTE MATERIALS, INCLUDING CONSTRUCTION DEBRIS, SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. NO CONSTRUCTION WASTE MATERIAL SHALL BE BURIED ON SITE. THE TRANSIT DUMPSTER SHALL COMPLY WITH ORDINANCE 18.52.010 (ENCLOSURE AND REMOVAL OF WASTE MATERIALS DURING CONSTRUCTION). THE DUMPSTER SHALL BE EMPTIED AS NECESSARY OR AS REQUIRED BY ORDINANCE 9.04 (SOLID WASTE MANAGEMENT) AND THE TRASH SHALL BE HAULED TO A LICENSED LANDFILL.

II HAZARDOUS WASTE:

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 SPILL STABILIZATION, CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION AND CONTACT THE FIRE DEPT. AND INRCC.

III 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.

IV SPILL PREVENTION:

THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURES OF MATERIALS TO STORM WATER RUNOFF.

V GOOD HOUSEKEEPING:

A. STORE ONLY ENOUGH PRODUCTS REQUIRED TO DO THE JOB.
B. NEATLY STORE MATERIALS ON-SITE IN AN ORDERLY MANNER.
C. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER.
D. DO NOT MIX SUBSTANCES WITH ONE ANOTHER, UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER.
E. USE ENTIRE CONTENTS OF A PRODUCT BEFORE DISPOSING THE CONTAINER.
F. FOLLOW MANUFACTURE'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL.

VI HAZARDOUS PRODUCTS:

PRACTICES TO REDUCE RISKS:

A. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER IF AT ALL POSSIBLE.
B. RETAIN ORIGINAL LABELS, PRODUCT INFORMATION AND MATERIAL SAFETY DATA SHEETS (MSDS).
C. DISPOSE SURPLUS PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS.

VII PETROLEUM PRODUCTS:

ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. 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.

VIII SPILL CONTROL PRACTICES:

A. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES.
B. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE.
C. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
D. SPILL AREA SHALL BE WELL VENTILATED AND APPROPRIATE CLOTHING WILL BE WORN.
E. ANY SPILL SHALL BE REPORTED TO THE APPROPRIATE GOVERNMENTAL AGENCY.
F. MEASURES SHALL BE TAKEN TO PREVENT A SPILL FROM REOCCURRING.

IX 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 0.50 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 AND RETAINED ALONG WITH THE SDPCP.

X 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, FALSE WORK, PILING DEBRIS OR OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT A PART OF THE FINISHED WORK.

XI OFFSITE VEHICLE TRACKING:

IN ADDITION TO THE STABILIZED CONSTRUCTION ENTRANCES, THE FOLLOWING MEASURES SHALL BE OBSERVED DURING CONSTRUCTION:

X HAUL ROADS SHALL BE DAMPENED FOR DUST CONTROL
X LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPAULIN.
X EXCESS DIRT ON ROADS SHALL BE REMOVED IMMEDIATELY.
X STABILIZED CONSTRUCTION ENTRANCE.
___ OTHER: _____

103077–

DATE	REVISIONS	BY
1		
2		
3		
4		
5		
6		

REFERENCES — BENCHMARKS
BENCHMARK:
EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)
ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.: ___ DESIGN BY: JB
COMP. BY: ___ DRAWN BY: SLI
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

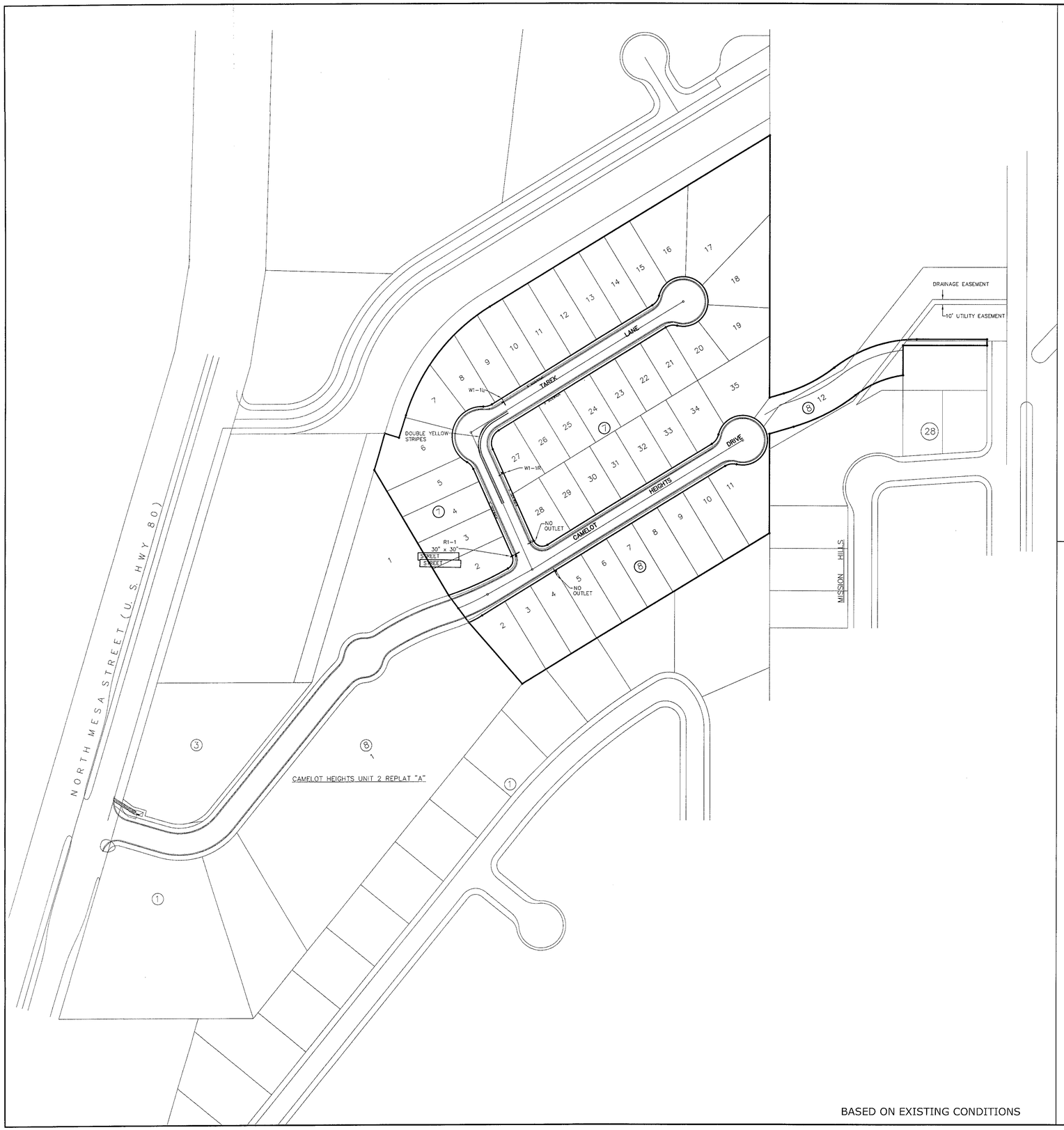
PROJECT NAME
CAMELOT HEIGHTS UNIT TWO REPLAT "B"
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7 ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREL LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6660 WESTMIND DRIVE
EL PASO, TEXAS
(915) 594-4457
SLI ENGINEERING, INC.

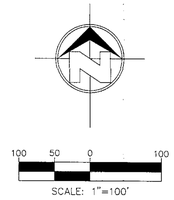
STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED PROFESSIONAL ENGINEER
Sep. 04 2008

STORM WATER PREVENTION PLAN

C-11



BASED ON EXISTING CONDITIONS

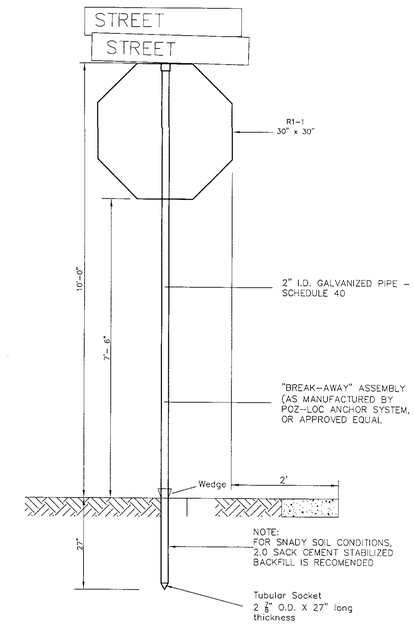


LEGEND

- PROPOSED W1-1 AND W14-2 SIGNS
- PROPOSED R1-1 SIGNS
- PROPOSED 4" DOUBLE YELLOW STRIPES
- PROPOSED W1-1 SIGNS (RIGHT OR LEFT)
- PROPOSED R1-1 SIGNS
- PROPOSED W14-2 SIGNS (NO OUTLET)

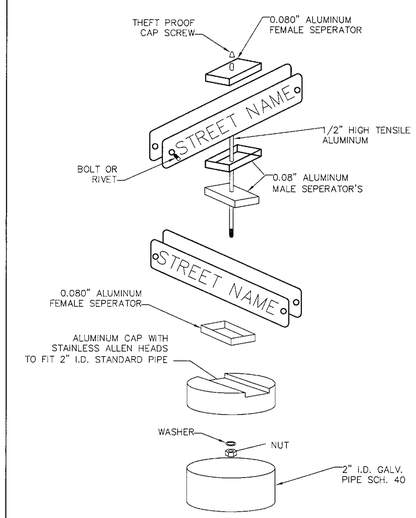
NOTES:

1. ALL SIGNS POLE LOCATIONS TO BE FIELD VERIFIED.
2. ALL ROADWAYS INTERSECTING EXISTING PUBLIC ROADWAYS SHALL REMAIN COMPLETELY CLOSED FOR PUBLIC USED UNTIL ACCEPTED FOR MAINTENANCE BY THE CITY.
3. SIGNAGE SHOWN IN THE LAYOUT TO BE FURNISHED BY THE CONTRACTOR AND INCLUDED IN THE BID PRICE.



SIGN POST INSTALLATION

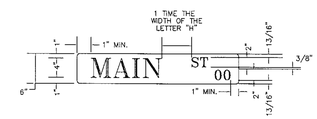
NTS



SPECIFICATIONS FOR REFLECTORIZED STREET NAME SIGNS

1. Color of Signs: The finished sign must have a reflectorized blue background and must be of high intensity reflective sheeting and must be of the "break-away" type. The legend must be reflectorized silver white (blue reverse screened background with silver copy).
2. Letter Design: The lettering of all legends must be upper case letters in accordance with "standard alphabets for highway signs" published by the federal highway administration.
3. 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.
4. Layout: The maximum number of letters to be accommodated on a given length street name face must be determined by the 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.
5. 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".
6. The word space must be expanded up to 25% in 5% increments but not condensed.
7. Space between primary and block number area must be $\frac{1}{2}$ the aesthetic work space used in the primary legend.
8. 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, and clock numbers must have upper case letters two inches (2") high.
9. Suffix letter size for all lengths must be 2" capitals, C series, except that series A and B where suffix abbreviation exceeds two letters, may be used.
10. 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 a half inches (2 $\frac{1}{2}$) high.
11. Suffix letter size for all lengths must be 2 $\frac{1}{2}$" capitals, C series, except that series A or B where suffix abbreviation exceeds two letters, may be used.
12. 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.
13. 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 but the sheeting manufacturer. Cut-out or applied legends are not permitted. Sign faces must be comprised or one piece or panel of reflective sheeting.
14. 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"	24"	4" B,C,D, SERIES	2" C SERIES
LOCAL	30"	4" B,C,D, SERIES	2" C SERIES
STREETS	36"	4" A,B,C,D, SERIES	2" C SERIES



6" STREET NAME SIGN ASSEMBLY

103077-1

REVISIONS	DATE	BY
1		
2		
3		
4		
5		
6		

REFERENCES — BENCHMARKS:

BENCHMARK:

EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.:
DESIGN BY: JB
COMP. BY:
DRAWN BY: SJ
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

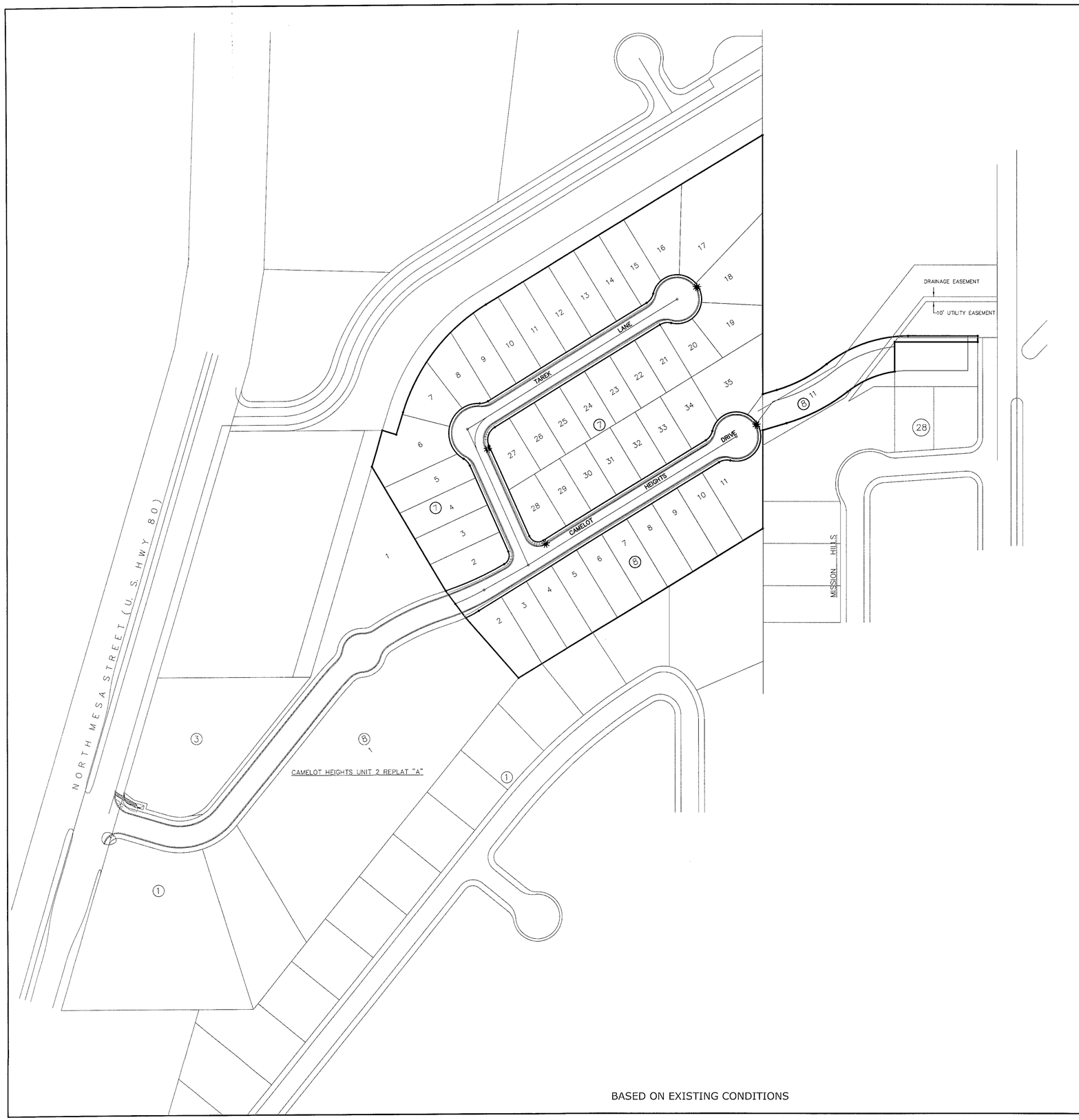
BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7 ALL OF LOTS 2 THRU 12 BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A" CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6600 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4457
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED PROFESSIONAL ENGINEER
SEP. 04, 2008

SIGNAGE PLAN AND DETAILS

C-12



BASED ON EXISTING CONDITIONS

LEGEND

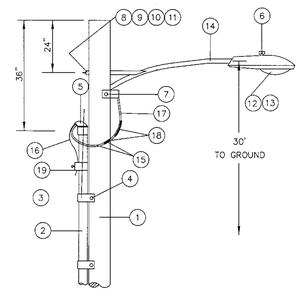
PROPOSED ILLUMINATION

NOTES:

1. ALL ILLUMINATION POLE LOCATIONS TO BE FIELD VERIFIED.
2. CONTRACTOR TO COORDINATE WITH EL PASO ELECTRIC FOR ILLUMINATION INSTALLATION.
3. ALL ROADWAYS INTERSECTING EXISTING PUBLIC ROADWAYS SHALL REMAIN COMPLETELY CLOSED FOR PUBLIC USED UNTIL ACCEPTED FOR MAINTENANCE BY THE CITY.

100 50 0 100

SCALE: 1"=100'



ITEM	QTY.	DESCRIPTION
1	1	POLE, 35 FT. – CLASS IV
2	27'	GALVANIZED RIGID 1/2" CONDUIT
3	7	PIPE STRAP FOR 1/2" CONDUIT, 2–HOLE
4	6	LAG BOLT, 1/4" X2"
5	1	WEATHERHEAD, 1/2" CONDUIT
6	1	PHOTOCELL, 240V– SEE NOTE 1
7	2	LAG BOLT, 1/2" X4"
8	1	MACHINE BOLT, 5/8" X8"
9	1	SQUARE GALVANIZED WASHER, 2 1/4" X2 1/4"
10	1	COIL–SPRING WASHER, 5/8"
11	1	LOCKNUT, 5/8"
12	1	LUMINAIRE, 100W H.P.s.
13	1	HPS LAMP, 100W
14	1	MAST ARM, 6' X1 1/4"
15		COPPER CABLE, #12, 19 STRAND, 600 V
16		COPPER CABLE, #12, SOLID, 600 V, GREEN
17	8	CABLE, #10, 2 CONDUCTOR, 600 V, UF
18	2	SLEEVES, #12–10
19	1	GROUNDING CLAMP

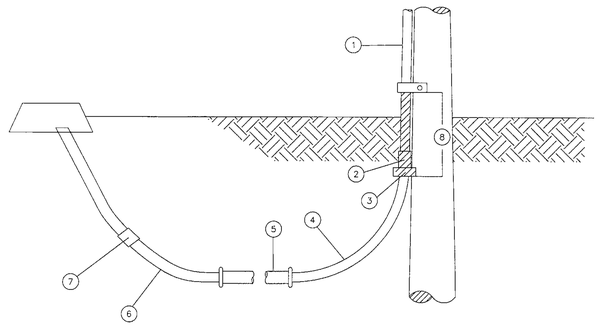
ITEM	QTY.	DESCRIPTION
1	1	1/2" GALVANIZED RIGID CONDUIT
2	1	REDUCER 1" TO 1/2" BUSHING
3	1	1" PVC FEMALE ADAPTER
4	1	1" PVC 90 ELBOW
5	1	1" PVC CONDUIT
6	1	1" PVC 45 ELBOW
7	1	1" PVC COUPLING
8	1	TAPE 1/2" TIGID CONDUIT (6")

KEY NOTES

1. MOUNT SO THAT CONTROL FACES NORTH
2. ITEM 17 SHALL NOT BE SPLICED INSIDE ITEM 14

DESIGN NOTES

1. INSTALLATION SHALL COMPLY WITH ALL LOCAL CODE REQUIREMENTS
2. FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING CODE INTERPRETATION, CALL THE EL PASO ELECTEIC CO. DISTRIBUTION DEVELOPMENT DEPARTMENT
3. STREET LIGHTS SHOWN ARE NOT PART OF THE WORK AND WILL BE PROVIDED BY THE EL PASO ELECTRIC CO. AND PAID FOR SEPARATELY BY THE OWNER. IT IS THE CONTRACTOR RESPONSIBILITY TO COORDINATE INSTALLATION.



RESIDENTIAL STREET LIGHT WOOD POLE

103077-1

DATE	REVISIONS	BY
1		
2		
3		
4		
5		
6		

REFERENCES — BENCHMARKS

BENCHMARK:

EXISTING CHISELED SQUARE AT THE CENTER OF THE HEADWALL ON THE EAST SIDE OF THE NORTH (R.O.W.) OF NORTH MESA STREET(U.S. HWY 80)

ELEVATION: 3976.52

SCALE: AS SHOWN
JOB NO.: 09-06-2440
FIELD BK.: JB
DESIGN BY:
COMP. BY: SLI
DRAWN BY:
CHECKED BY: E.T.
DATE: SEPTEMBER 4, 2008

PROJECT NAME

CAMELOT HEIGHTS UNIT TWO REPLAT "B"

BEING A REPLAT OF ALL OF LOTS 2 THRU 35, BLOCK 7, ALL OF LOTS 2 THRU 12, BLOCK 8, AND A PORTION OF CAMELOT HEIGHTS DRIVE, AND ALL OF TAREK LANE, CAMELOT HEIGHTS UNIT 2, REPLAT "A"
CITY OF EL PASO, EL PASO COUNTY, TEXAS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS
6650 WESTWIND DRIVE
EL PASO, TEXAS
(915) 584-4067
SLI ENGINEERING, INC.

STATE OF TEXAS
GEORGES S. HALLOUL
92105
LICENSED PROFESSIONAL ENGINEER
SEP. 04, 2008

ILLUMINATION PLAN AND DETAILS

C-13

CAMELOT HEIGHTS UNIT 2 REPLAT "B"

AMENDING PLAT

BEING AN AMENDMENT OF
LOTS 27, 28 AND 29, BLOCK 7
CAMELOT HEIGHTS UNIT 2 REPLAT "B"
CITY OF EL PASO, EL PASO COUNTY TX.
CONTAINING:
24,332.62 SQ. FT.
OR 0.5586 ACRES ±

CURVE TABLE						
CURVE	RADIUS	LENGHT	DELTA	TANGENT	CHORD	BEARING
C1	20.00'	33.92'	97°09'34"	22.67'	30.00'	S72°49'51"E
C2	30.00'	43.36'	82°48'58"	26.46'	39.69'	S17°09'25"W
C3	56.00'	80.94'	82°48'58"	49.38'	74.08'	S17°09'25"W

THE REASON OF THE AMENDING PLAT IS TO MOVE THE PROPERTY LINES BETWEEN LOTS TO HOLD EXISTING ROCKWALL ENCROACHMENT. LOT 27 IS ACQUIRING PROPERTY ON THE SOUTH FROM LOTS 28 & 29.

LOT #	ORIGINAL SQUARE FEET	PROPOSED SQUARE FEET
27	8385.00	8757.45
28	8477.00	8216.95
29	7433.00	7358.21

NOTES:

RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.

INSTRUMENT No._____ DATE _____

SET 5/8" REBAR AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.

TAX CERTIFICATE FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.

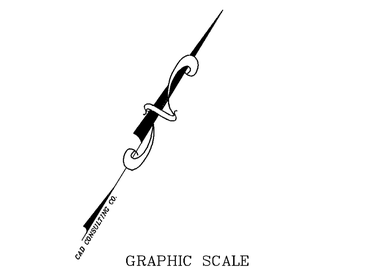
INSTRUMENT No._____ DATE _____

THIS PROPERTY LIES IN ZONE "C", AREAS OF MINIMAL FLOODING PANEL NO. 480214-0033 B, DATED OCTOBER 15, 1982.

POSTAL DELIVERY SERVICE WITHIN SUBDIVISION WILL BE BY NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS.

THIS PROPERTY LIES WITHIN THE EL PASO INDEPENDENT SCHOOL DISTRICT.

EXISTING CITY MONUMENT

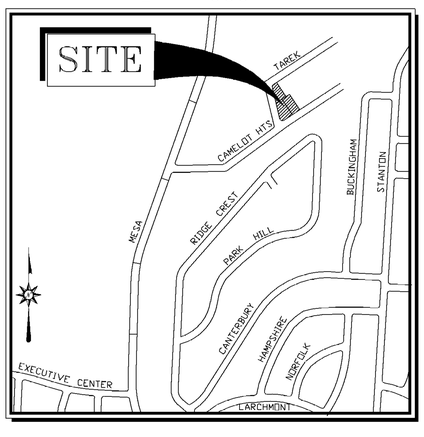


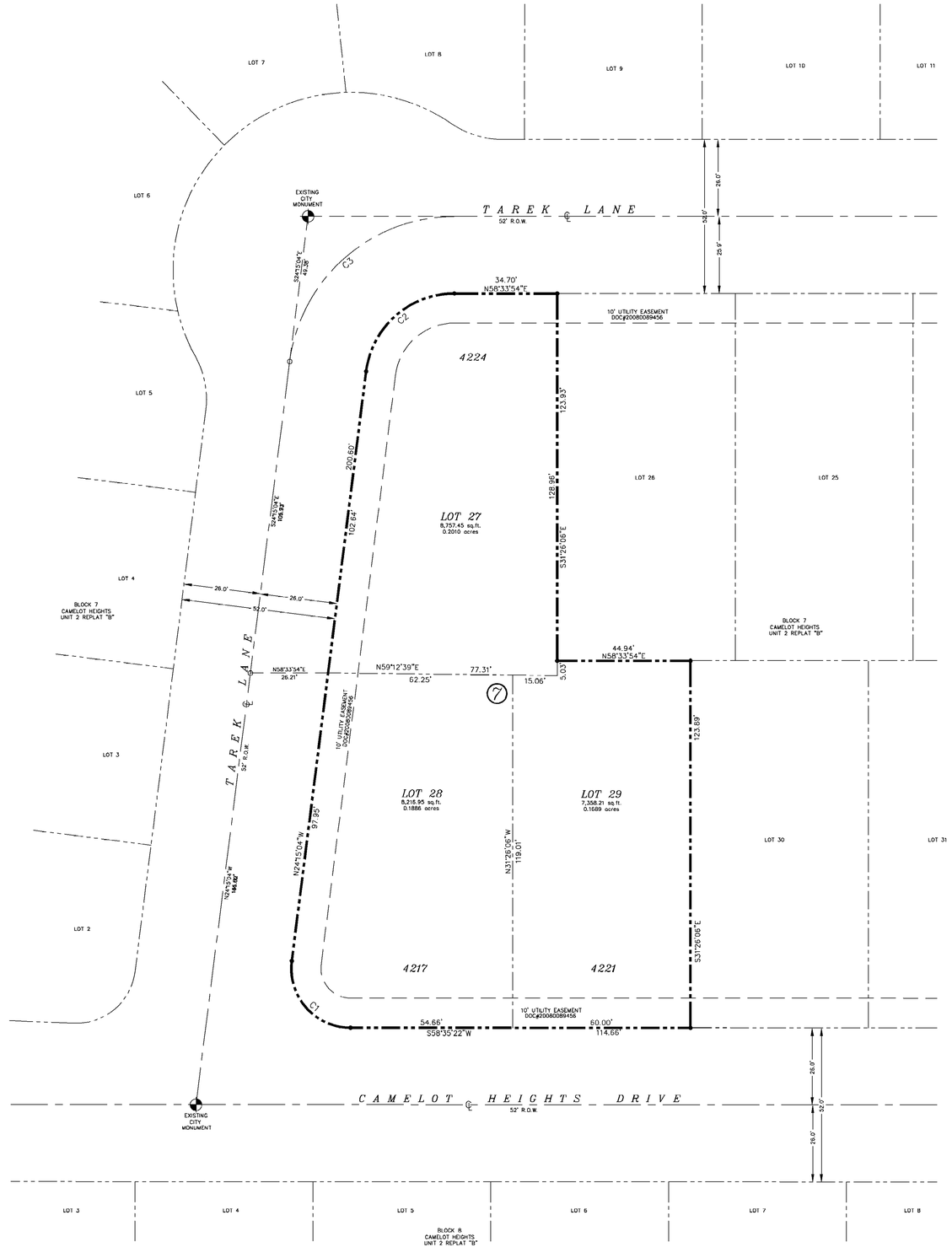
GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

LOCATION MAP:
1' = 600'





D E D I C A T I O N

CLASSIC VENTURE II, L.P. & PABLO ORNELAS property owners of this land, hereby present this plat as hereon laid down and designated.

Witness our signature this _____ day of _____, 2010.

CLASSIC VENTURE II, L.P.

_____ JAMES SORENSON, President

_____ PABLO ORNELAS, Owner

ATTEST: NOT REQUIRED

A C K N O W L E D G E M E N T

STATE OF TEXAS
COUNTY OF EL PASO

Before me, the undersigned authority, on this day personally appeared James Sorenson & Pablo Ornelas, known to me to be the persons whoses names are subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and considerations herein expressed.

Given under my hand and seal of office this _____ day of _____, 2010.

_____ Notary Public in and for El Paso County

_____ My Commission Expires

A M E N D I N G P L A T A P P R O V A L S T A T E M E N T

This subdivision is hereby approved in accordance with Chapter 212.0065 (Amending Plat) of the Local Government Code and Title 19.08.070 as to meeting the requirements for a review of an amending plat.

_____ Executive Secretary

_____ Subdivision Coordinator

Approved for filing this _____ day of _____, 2010.

_____ City Engineer

F I L I N G

Filed and recorded in the office of the County Clerk of El Paso County, Texas, this _____ day of _____, 2010, A.D. in Volume File No. _____.

_____ County Clerk

_____ By Deputy

This plat represents a survey made on the ground by me or under my supervision and complies with the current Texas Board of Professional Land Survey Professional and Technical Standards.

_____
Carlos M. Jimenez, R.P.L.S.
Registered Professional Land Surveyor
Texas License No. 3950

SURVEYOR:
CAD CONSULTING CO.
CARLOS M. JIMENEZ
1790 N. LEE TREVINO
EL PASO, TEXAS 79936
PHONE: (915) 633-6422

OWNER/DEVELOPER:
PABLO ORNELAS
4224 TAREK LANE
EL PASO, TEXAS 79902
PHONE: (915) 633-6422

OWNER/DEVELOPER:
CLASSIC VENTURE II, L.P.
JAMES SORENSON
11240 VISTA DEL SOL, STE. B
EL PASO, TEXAS 79936
PHONE: (915) 593-7707

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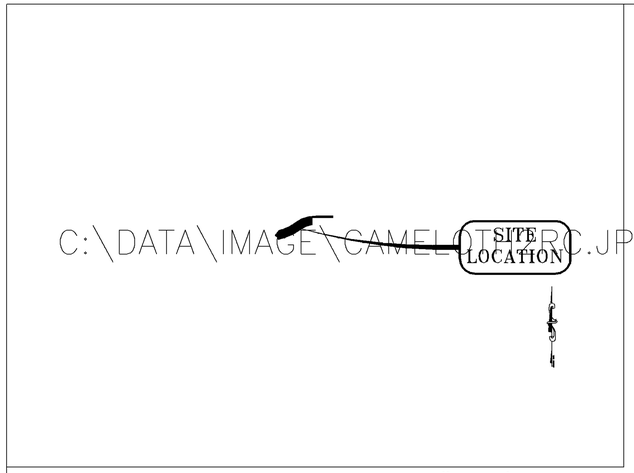
CONSULTING COMPANY
1790 LEE TREVINO AVENUE SUITE 503
EL PASO, TEXAS 79936
TEL (915) 633-6422

CAMELOT HEIGHTS UNIT 2 REPLAT "C"

BEING A REPLAT OF LOT 12, BLOCK 8,
CAMELOT HEIGHTS UNIT 2 REPLAT "B",
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 0.5490 ACRES



LOCATION MAP SCALE:1"=600'

NOTES:

WATER AND SEWER SERVICES HAVE BEEN EXTENDED TO THIS SUBDIVISION (CAMELOT HEIGHTS UNIT 2 REPLAT "C") FROM EXISTING EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD FACILITIES.

THE INSTRUMENT ASSURING THE CERTIFICATION THAT WATER AND SEWER SERVICES FACILITIES DESCRIBED BY THIS PLAT ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, TEXAS WATER CODE IS FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.

INSTRUMENT No._____ DATE_____

TAX CERTIFICATE FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORDS SECTION.

INSTRUMENT No. 20110004430 DATE Jan. 20, 2011

RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.

INSTRUMENT No. 20110004431 DATE Jan. 20, 2011

SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.

"U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS".

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO 480214 0033 B, DATED OCTOBER 15, 1982 THIS PROPERTY IS IN FLOOD HAZARD ZONE C "AREAS OF MINIMAL FLOODING".

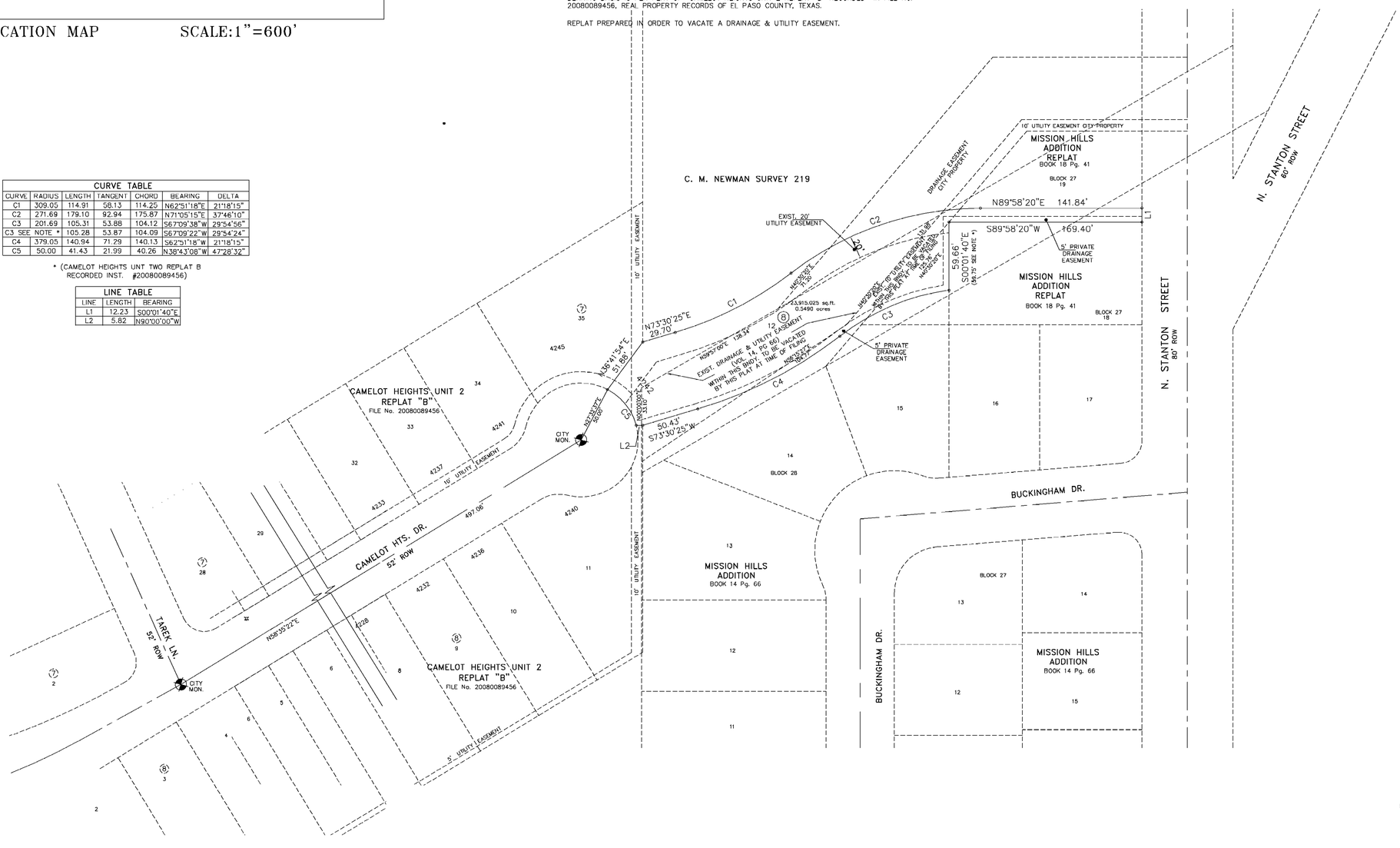
BEARING BASIS IS PER PLAT OF "CAMELOT HEIGHTS UNIT 2 REPLAT "B" RECORDED IN FILE No. 20080089456, REAL PROPERTY RECORDS OF EL PASO COUNTY, TEXAS.

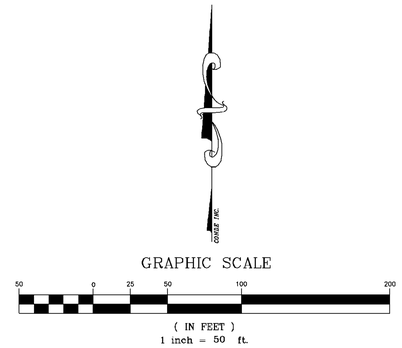
REPLAT PREPARED IN ORDER TO VACATE A DRAINAGE & UTILITY EASEMENT.

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	309.05	114.91	58.13	114.25	N62°51'18"E	21°18'15"
C2	271.69	179.10	92.94	175.87	N71°05'15"E	37°46'10"
C3	201.69	105.31	53.88	104.12	S67°09'38"W	29°54'56"
C3 SEE NOTE *		105.28	53.87	104.09	S67°09'22"W	29°54'24"
C4	379.05	140.94	71.29	140.13	S62°51'18"W	21°18'15"
C5	50.00	41.43	21.99	40.26	N38°43'08"W	47°28'32"

* (CAMELOT HEIGHTS UNT TWO REPLAT B RECORDED INST. #20080089456)

LINE TABLE		
LINE	LENGTH	BEARING
L1	12.23	S00°01'40"E
L2	5.82	N90°00'00"W





D E D I C A T I O N

DIRECT HOME SALES, INC., property owner of this land hereby present this plat.

Witness our signature this 20 day of December, 2010.

BY: DIRECT HOME SALES, INC.
A TEXAS CORPORATION

By: S / James P. Sorenson Jr.
James P. Sorenson, Jr. PRESIDENT

ATTEST: NOT REQUIRED

A C K N O W L E D G E M E N T

STATE OF TEXAS
COUNTY OF EL PASO

Before me, the undersigned authority, on this day personally appeared James P. Sorenson, Jr., President of DIRECT HOME SALES, INC., A TEXAS CORPORATION, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said company for the purpose and considerations herein expressed.

Given under my hand and seal of office this 20th day of December, 2010.

S / Nancy G. Nelson — Notary Public in and for El Paso County

1-8-2013 — My Commission Expires

C I T Y P L A N C O M M I S S I O N

This subdivision is hereby approved as to the platting and as to the condition of the dedication in accordance with Chapter 212 of the Local Government Code of Texas this 13 day of January, 2011.

S / Matthew McElroy — Secretary

S / Kathy Updike — Chairperson

Approved for filing this 10th day of January, 2011

S / R. Alan Schubert
City Engineer

F I L I N G

Filed and recorded in the office of the County Clerk of El Paso County, Texas, this 20 day of January, 2011, A.D. in File No. 20110004429.

S / Delia Briones — County Clerk

S / Diana Garcia — By Deputy

Prepared by and under the supervision of:
YVONNE CONDE CURRY, P.E.
Registered Professional Engineer
Registration No. 64648

S / Yvonne Conde Curry
Yvonne Conde Curry, P.E.

This plat represents a survey made on the ground by me or under my supervision and complies with the current Texas Board of Professional Land Survey Professional and Technical Standards.

S / Ron R. Conde
Ron R. Conde,
Registered Professional Land Surveyor
Texas License No. 5152

DATE OF PREPARATION: AUGUST 25, 2010

CONDE INC.
ENGINEERING / PLANNING
CPS / SURVEYING / CADD
6080 SURETY DR. STE 100
EL PASO, TEXAS 79905
PHONE (915) 592-0283
FAX (915) 592-0286
REGISTRATION No. F-2361