

# CITY OF EL PASO, EL PASO COUNTY, TEXAS

## PASEO DEL RIO SUBDIVISION TRACTS 15Q, 15Q2, 15S, 18B, 18B2 AND 18N, BLOCK 6, UPPER VALLEY SURVEYS, CONTAINING 10.7501 ACRES +/-



CITY DEVELOPMENT DEPARTMENT

Reviewed For Conformance For Condition Related To:

✓ Sidewalk

✓ Driveways

✓ Grading & Drainage

✓ Wheelchair Ramps

✓ On site Ponding of Storm Waters

✓ On Site Parking Layout

Contractor Must Call 24 Hours Prior To Construction for Inspections

Oscar Romero Villalobos

09/03/2021

By \_\_\_\_\_ Date \_\_\_\_\_

**BROCK & BUSTILLOS INC.**

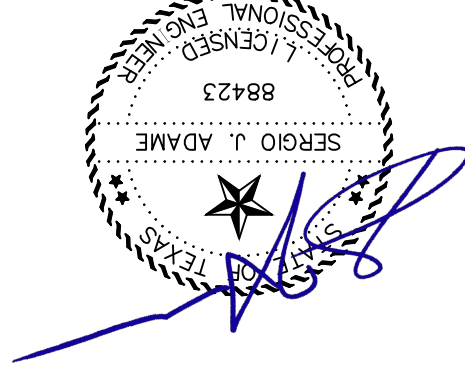


CONSULTING CIVIL ENGINEERS  
LAND SURVEYORS

417 EXECUTIVE CENTER  
EL PASO, TEXAS 79902  
WWW.BROCKBUSTILLOS.COM  
PH (915) 542-4900  
FAX (915) 542-2867  
TIRE Registration Number: F-737

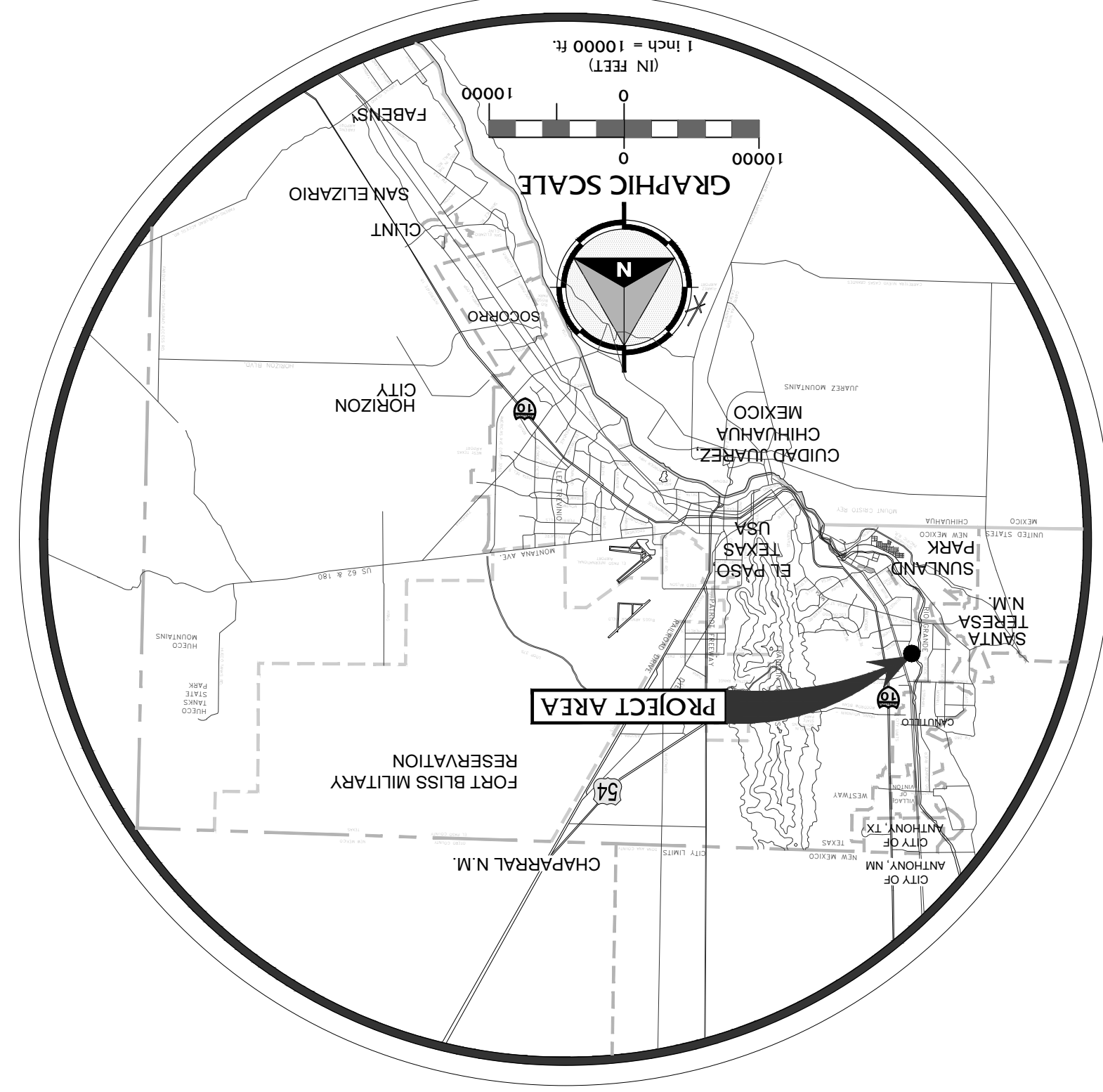
JOB NO. 06582-008

08/25/21

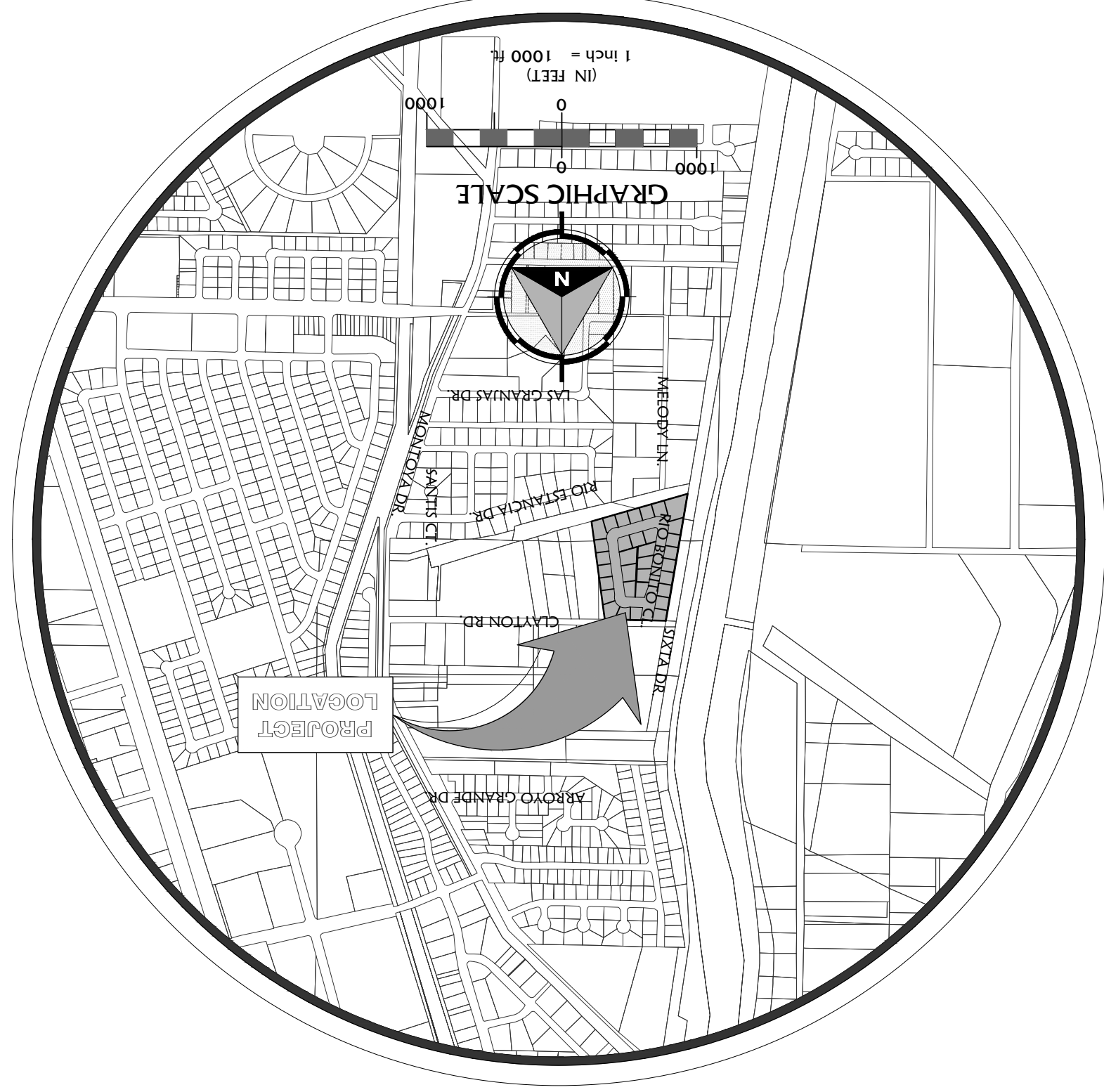


DATE OF PREPARATION: AUG 2021

**City Map**



**Vicinity Map**



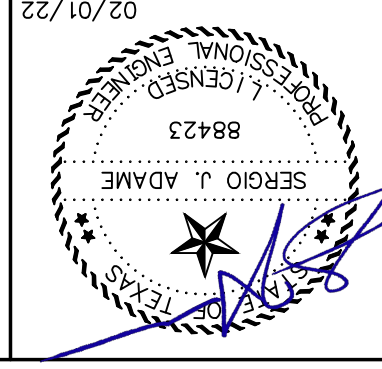






**STOP!**  
CALL BEFORE YOU DIG  
DIG TESS  
1-800-DIG-TESS  
1-800-344-8377  
(@ least 48 hours prior to excavation)

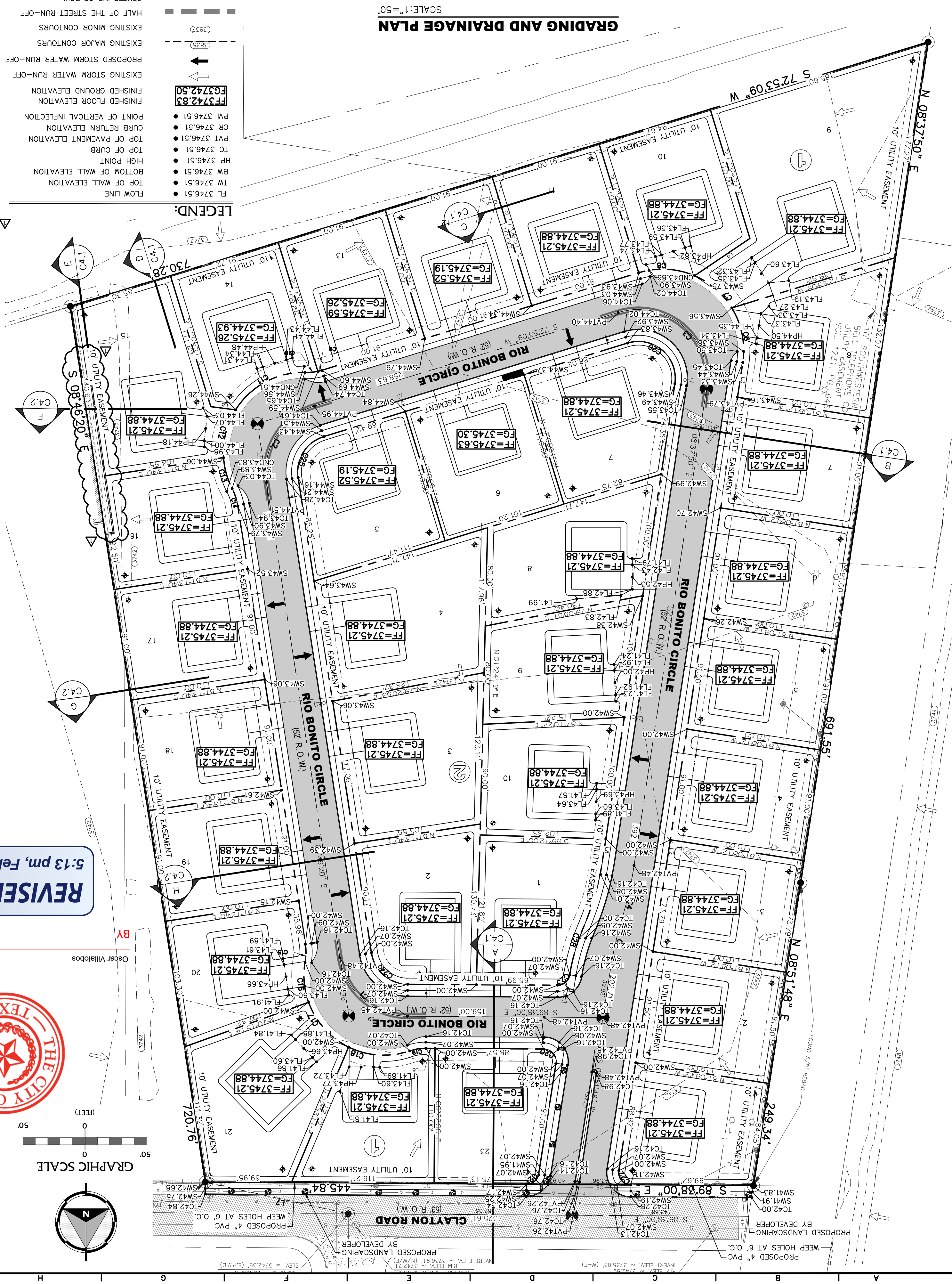
**FLOOD ZONE**  
THIS PROPERTY IS LOCATED IN ZONE X AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, COMMUNITY PANEL NO. 480212 0125 B  
EFFECTIVE DATE: 09/04/1991



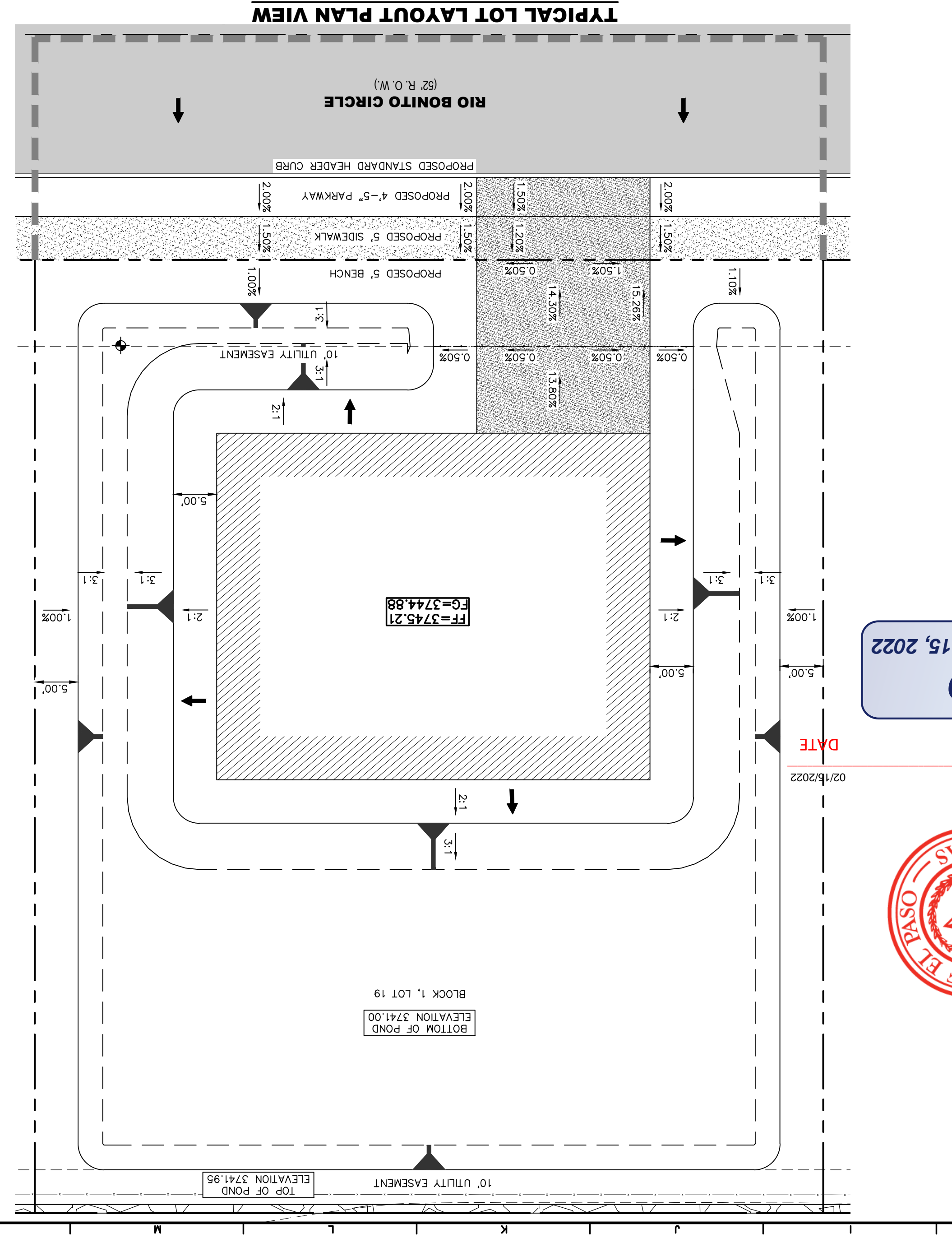
**B BROCK & BUSTILLOS INC.**  
CONSULTING CIVIL ENGINEERS  
LAND SURVEYORS  
417 EXECUTIVE CENTER  
EL PASO, TEXAS 79902  
PH (915) 542-4900  
FAX (915) 542-2867  
WWW.BROCKBUSTILLOS.COM  
TPE Firm Reg. No.: F-737  
06882-008

Designed:	I.C.
Drawn:	I.C.
Checked:	S.J.A.
Approved:	S.J.A.
Date:	FEB 2022

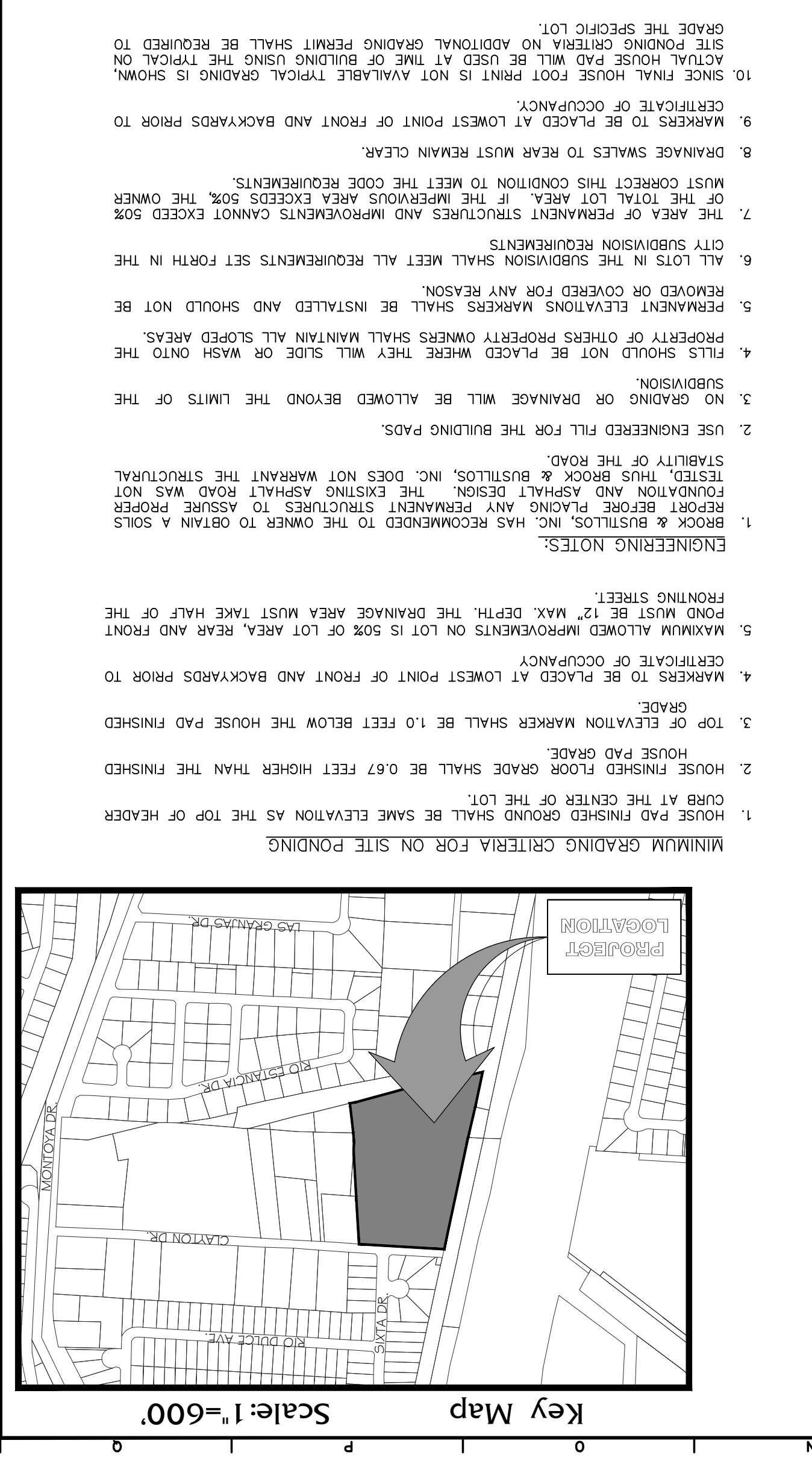
**PASEO DEL RIO SUBDIVISION**  
TRACTS 150, 1502, 155, 18B, 18B2 AND 18N,  
BLOCK 6, UPPER VALLEY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
**GRADING, DRAINAGE & SIGNAGE PLAN**  
Job Number: 06582-008  
Sheet Number: C3



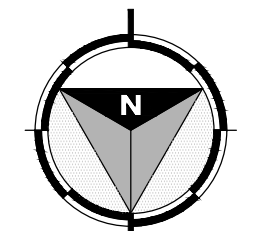
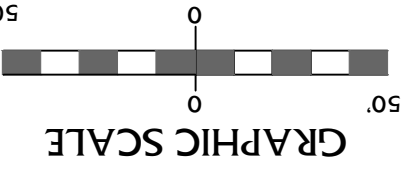
LOT #	AREA (ACRES)	AREA (SQ. FT.)	CAPACITY (GALLONS)	REQUIRED (GALLONS)	REMAINING CLEAR (IN)	REMAINING CLEAR (FT.)
1	0.2476	10788	3378	3378	5932.00	9.58
2	0.2476	10788	3378	3378	5932.00	9.58
3	0.2476	10788	3378	3378	5932.00	9.58
4	0.2476	10788	3378	3378	5932.00	9.58
5	0.2476	10788	3378	3378	5932.00	9.58
6	0.2476	10788	3378	3378	5932.00	9.58
7	0.2476	10788	3378	3378	5932.00	9.58
8	0.2476	10788	3378	3378	5932.00	9.58
9	0.2476	10788	3378	3378	5932.00	9.58
10	0.2476	10788	3378	3378	5932.00	9.58
11	0.2476	10788	3378	3378	5932.00	9.58
12	0.2476	10788	3378	3378	5932.00	9.58
13	0.2476	10788	3378	3378	5932.00	9.58
14	0.2476	10788	3378	3378	5932.00	9.58
15	0.2476	10788	3378	3378	5932.00	9.58
16	0.2476	10788	3378	3378	5932.00	9.58
17	0.2476	10788	3378	3378	5932.00	9.58
18	0.2476	10788	3378	3378	5932.00	9.58
19	0.2476	10788	3378	3378	5932.00	9.58
20	0.2476	10788	3378	3378	5932.00	9.58
21	0.2476	10788	3378	3378	5932.00	9.58
22	0.2476	10788	3378	3378	5932.00	9.58
23	0.2476	10788	3378	3378	5932.00	9.58



LINE #	BEARING	DISTANCE
L1	N08°37'50"E	18.21
L2	S08°37'50"W	28.63
L3	S08°37'50"W	54.23
L4	S89°38'00"E	7.52
L5	N82°34'45"W	20.33
L6	S89°38'00"E	14.23
L7	S77°31'17"E	119.15
L8	N08°37'50"E	18.00
L9	S89°38'00"E	47.71
L10	S08°46'20"E	48.39
L11	S08°46'20"E	48.39
L12	S72°30'39"W	48.39
L13	S08°37'48"W	25.28



**REVISED**  
5:13 pm, Feb 15, 2022





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CALL BEFORE YOU DIG  
DIG TESS  
1-800-344-8377  
@ least 48 hours prior to excavation

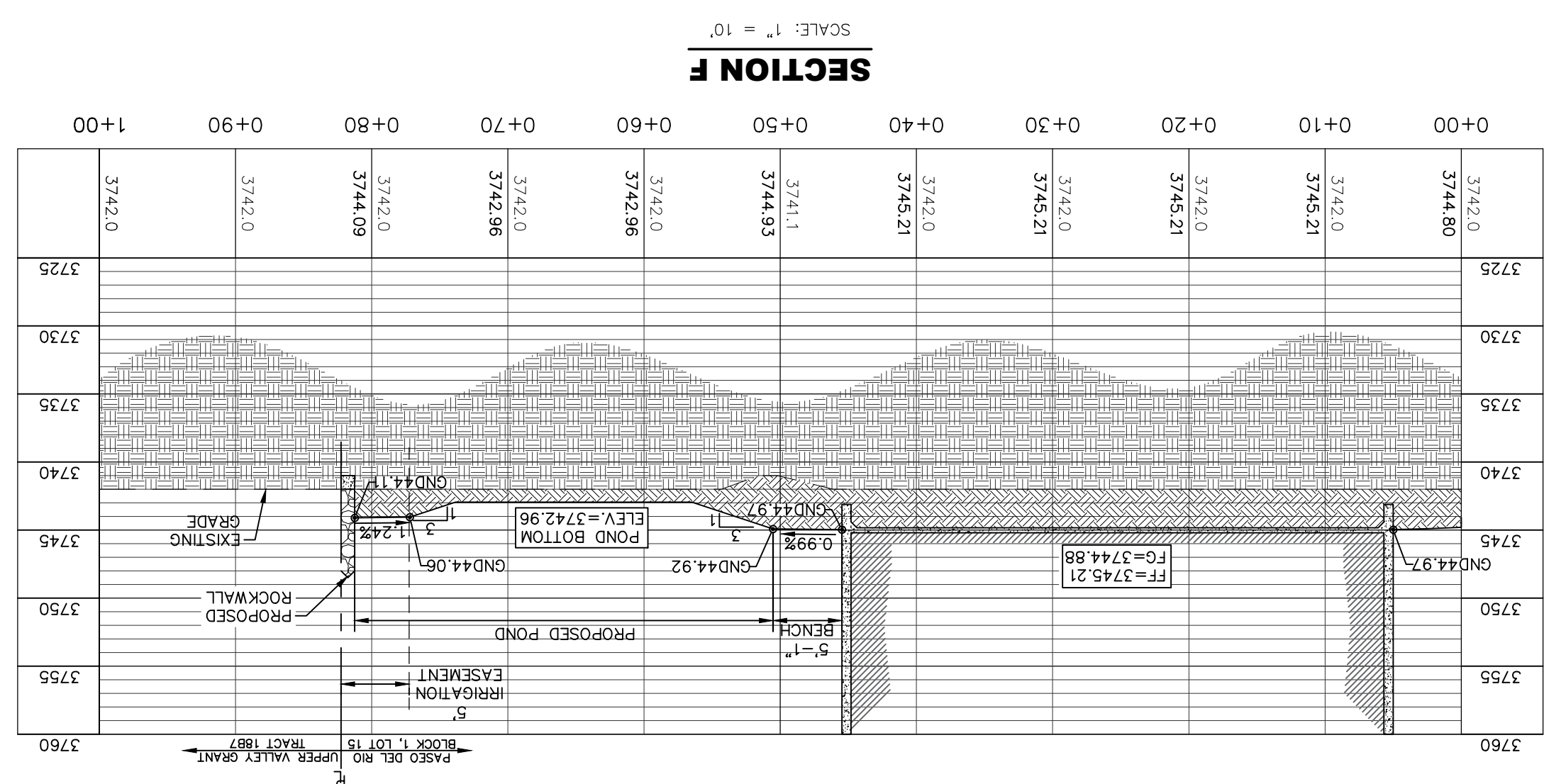
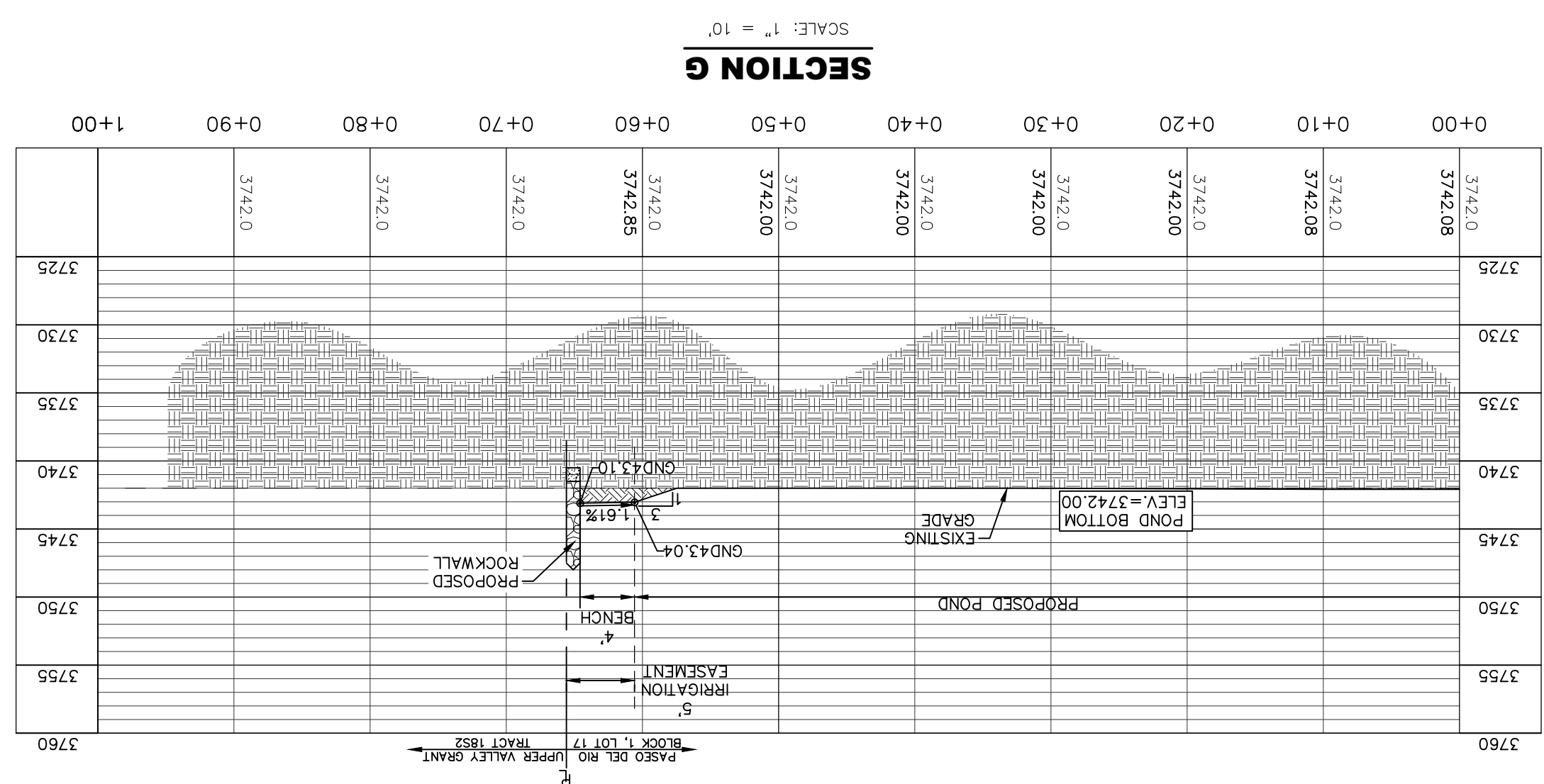
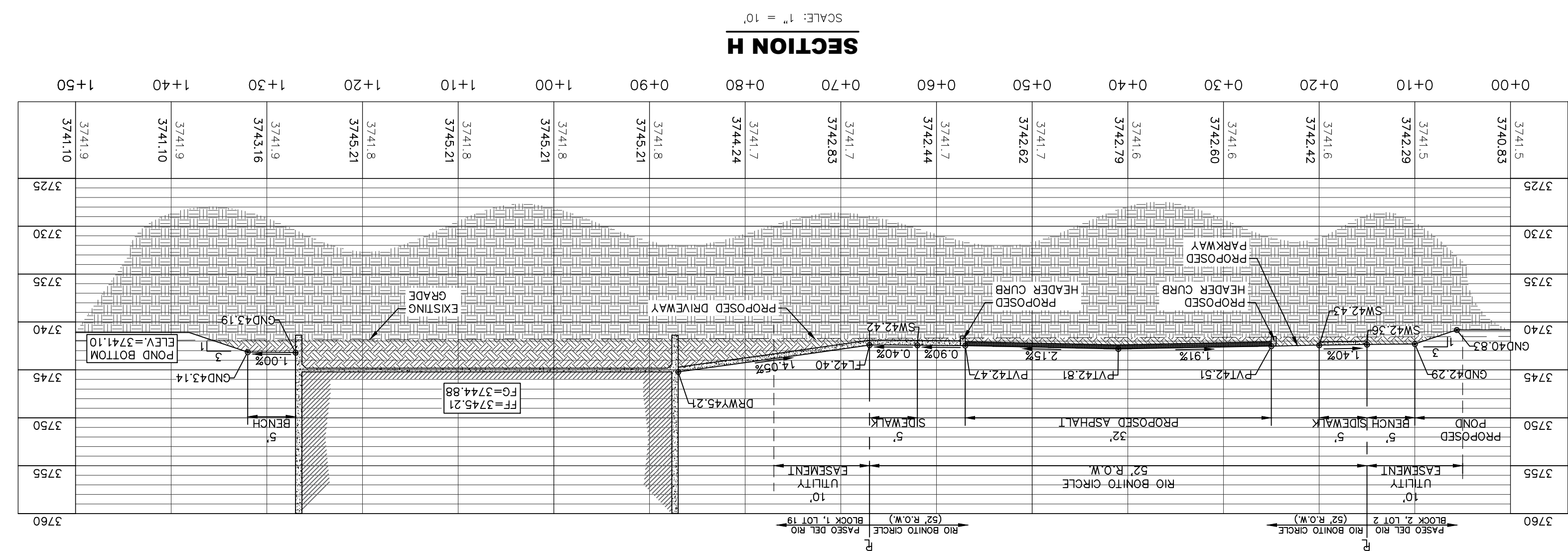
**FLOOD ZONE**  
THIS PROPERTY IS LOCATED IN FLOOD ZONE X AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, COMMUNITY PANEL NO. 480212 0125 B  
EFFECTIVE DATE: 09/04/1991

**BENCHMARK:**  
CITY MONUMENT LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO, VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.55  
FOR THE CITY MONUMENT AT CLAYTON ROAD AND SIXTH DRIVE THE E.P.V.D. WAS ESTABLISHED FROM N.T.S. VERTICAL MONUMENT 5, REPT. PID NO. CE0442  
(ELEVATION = 3744.06 N.A.V.D. 88)  
BENCH MARK: 88423  
SERGIO J. ADAME  
LICENSED PROFESSIONAL ENGINEER  
08/25/21

**B BROCK & BUSTILLOS INC.**  
CONSULTING CIVIL ENGINEERS  
LAND SURVEYORS  
417 EXECUTIVE CENTER  
EL PASO, TEXAS 79902  
WWW.BROCKBUSTILLOS.COM  
95882-008  
TPE Firm Reg. No.: F-737  
PH (915) 542-4900  
FAX (915) 542-2877

Designed:	I.C.
Drawn:	I.C.
Checked:	S.J.A.
Approved:	S.J.A.
Date:	AUG 2021

**PASEO DEL RIO SUBDIVISION**  
TRACTS 15Q, 15Q2, 15S, 18B, 18B2 AND 18N,  
BLOCK 6, UPPER VALLEY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
**CROSS SECTION**  
Job Number: 06582-008  
Sheet Number: C4.2



**VOID**  
SEE REVISED SHEET NEXT  
DATE: 09/07/2021  
BY: Oscar V. Robles









**STOP! CALL BEFORE YOU DIG**  
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**1-800-DIG-TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

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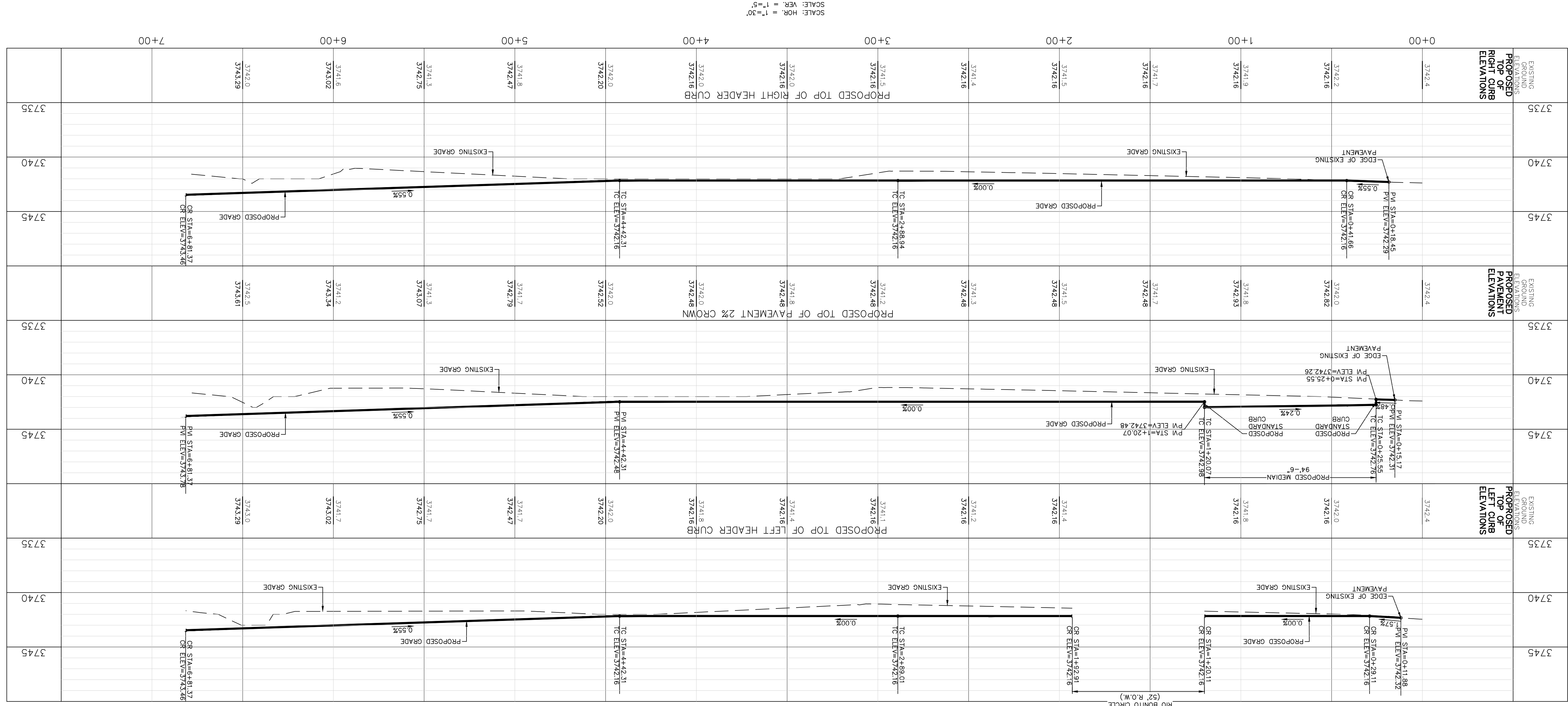
**BENCHMARK**  
 SIXTY-NINE (69) FEET VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.55 FOR THE CITY MONUMENT AT CLAYTON ROAD AND SIXTY-NINE (69) FEET HORIZONTAL DATUM ELEVATION (E.P.V.D.)=3742.46 FOR THE CITY MONUMENT AT CLAYTON ROAD AND SIXTY-NINE (69) FEET HORIZONTAL DATUM ELEVATION (E.P.V.D.)=3742.46 ESTABLISHED FROM U.S. NATIONAL MONUMENT 5, REEF, PID NO. C2442 (ELEVATION = 3742.06 N.A.V.D. 89).

**B BROCK & BUSTILLOS INC.**  
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 LAND SURVEYORS  
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 EL PASO, TEXAS 79902  
 PH (915) 542-4900  
 FAX (915) 542-2867  
 TPE Firm Reg. No.: F-737  
 06582-008

Designed:	I.C.
Drawn:	I.C.
Checked:	S.J.A.
Approved:	S.J.A.
Date:	AUG 2021

**PASEO DEL RIO SUBDIVISION**  
**TRACTS 150, 1502, 155, 18B, 18B2 AND 18N,**  
**BLOCK 6, UPPER VALLEY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**STREET PLAN & PROFILE - RIO BONITO CIRCLE**  
**STA. 0+00 TO STA. 7+00**  
**C5.2**  
 Job Number: 06582-008  
 Sheet Number:

DATE: 09/03/2021  
 Oscar Villalobos  
 BY: DATE

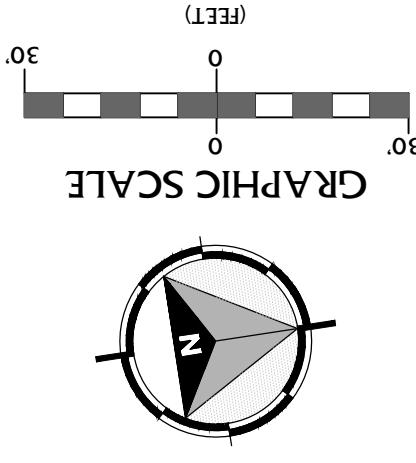
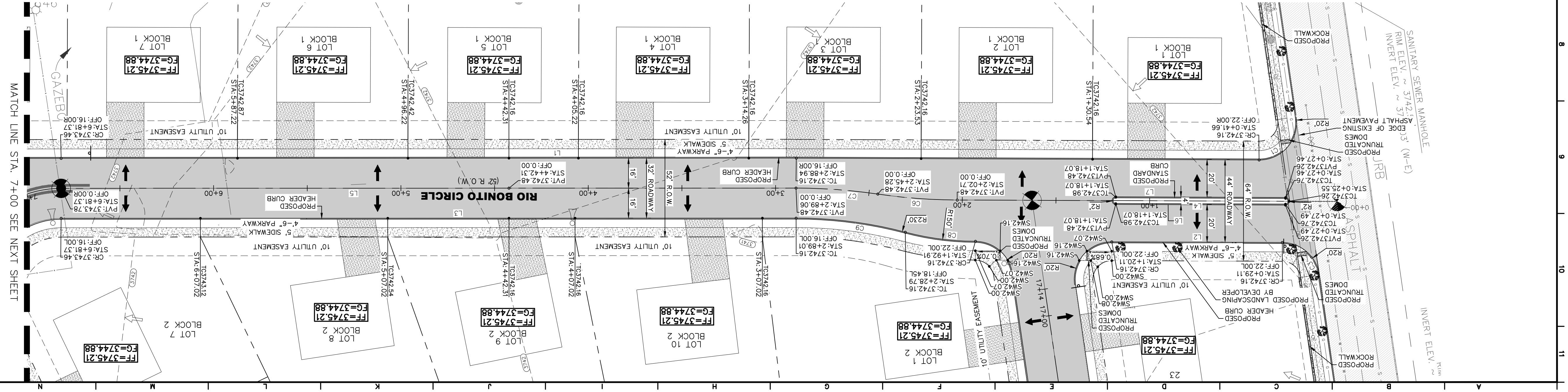


**LINE TABLE**

LINE #	LENGTH	BEARING
L1	185.15	S89°1'48.00"W
L2	90.53	N89°1'48.00"E
L3	392.35	N83°7'50.00"E
L4	187.54	S89°1'48.00"W
L5	392.31	N89°1'48.00"E
L6	90.53	N89°1'48.00"E
L7	90.53	N89°1'48.00"E
L8	410.84	N83°7'50.00"E

**CURVE TABLE**

CURVE #	CHORD BEARING	CHORD	RADIUS	LENGTH	TANGENT
C1	N40°3'06"W	30.30	9829.48'	20.00	34.38
C2	S49°36'54"W	26.11	8130.12'	20.00	28.45
C3	S12°5'42"W	42.53	807.48'	300.00	43.79
C4	S12°5'42"W	42.53	807.48'	300.00	43.79
C5	S12°5'42"W	42.53	807.48'	300.00	43.79
C6	S12°5'42"W	42.53	807.48'	300.00	43.79
C7	S12°5'42"W	42.53	807.48'	300.00	43.79
C8	N16°05'27"E	37.74	1427.19'	150.00	37.84
C9	S15°58'45"W	58.76	1440.43'	230.00	29.62
C10	S12°5'42"W	40.26	807.48'	284.00	40.30
C11	S12°49'25"W	45.95	820.21'	316.00	45.99



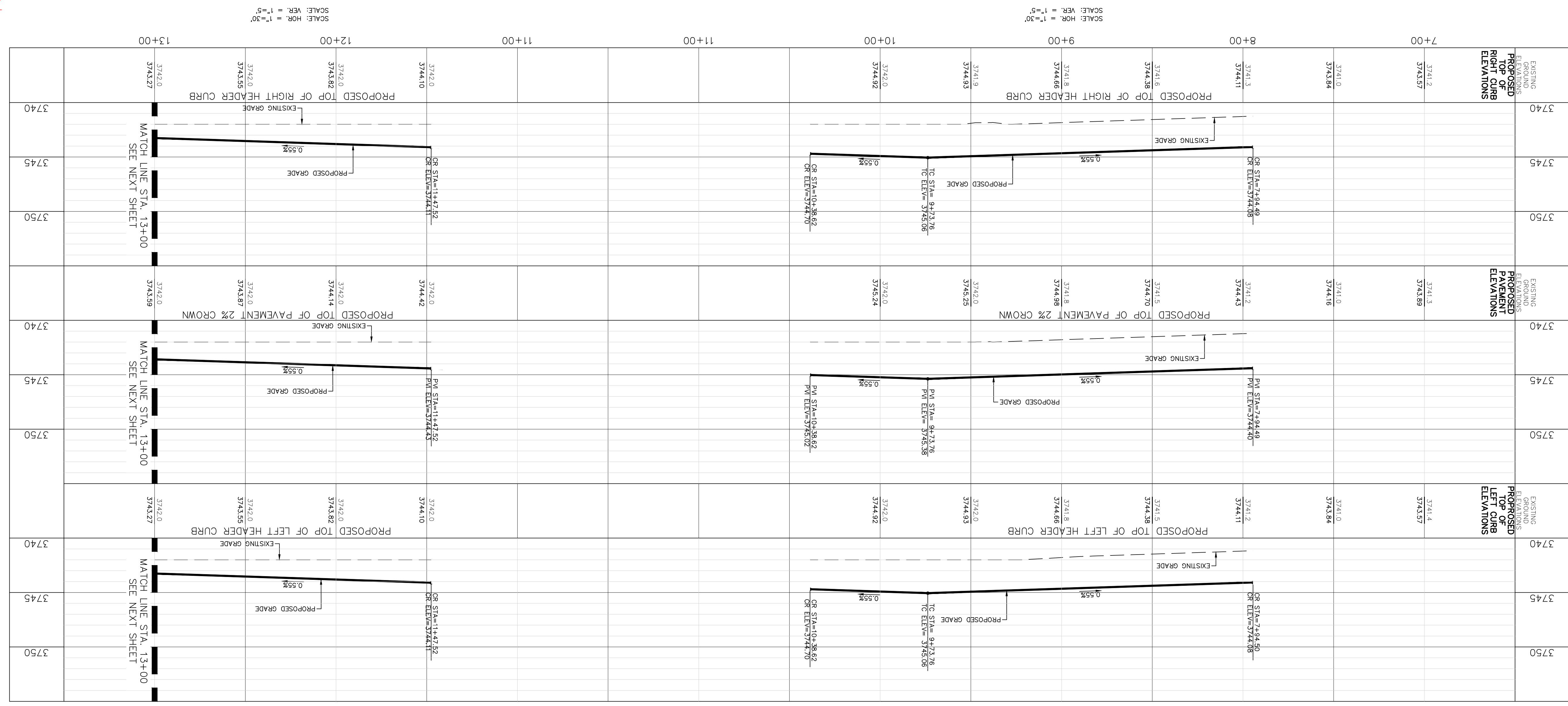
**STOP! CALL BEFORE YOU DIG**  
**DIG TESS**  
**1-800-DIG-TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

**FLOOD ZONE**  
 THIS PROPERTY IS LOCATED IN FLOOD ZONE X AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY COMMUNITY PANEL NO. 480212 0125 B EFFECTIVE DATE: 09/04/1991

**BENCHMARK:**  
 CITY MONUMENT LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO, TEXAS. ELEVATION (E.P.V.D.)=3742.50  
 THIS MONUMENT IS 1.17' LOWER THAN THE PUBLISHED ELEVATION OF 3743.67  
 ESTABLISHED FROM U.S. NATIONAL MONUMENT 'S REF', PID NO. C2442  
 (ELEVATION = 3746.06 N.A.V.D. 88)

**B BROCK & BUSTILLOS INC.**  
 CONSULTING CIVIL ENGINEERS  
 417 EXECUTIVE CENTER  
 EL PASO, TEXAS 79902  
 WWW.BROCKBUSTILLOS.COM  
 96582-008 TPE Firm Reg. No.: F-737  
 PH (915) 542-4900  
 FAX (915) 542-2857  
 DESIGNED: I.C.  
 DRAWN: I.C.  
 CHECKED: S.J.A.  
 APPROVED: S.J.A.  
 DATE: AUG 2021

**PASEO DEL RIO SUBDIVISION**  
**TRACTS 150, 1502, 155, 18B, 18B2 AND 18N,**  
**BLOCK 6, UPPER VALLEY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**STREET PLAN & PROFILE - RIO BONITO CIRCLE**  
**STA. 7+00.00 TO STA. 13+00.00**  
**C5.3**  
 Job Number: 06582-008  
 Sheet Number: C5.3



SCALE: HOR. = 1"=30'  
 SCALE: VER. = 1"=5'  
 Oscar Villalobos  
 09/03/2021  
 DATE

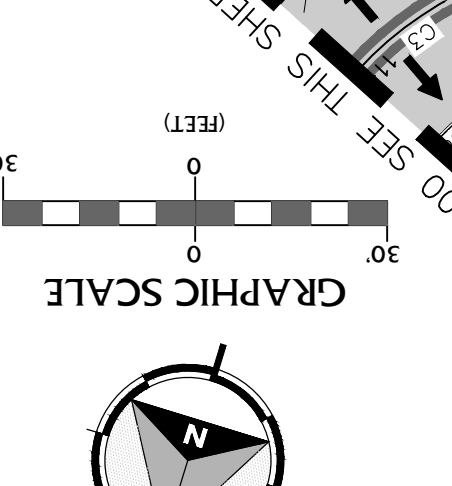
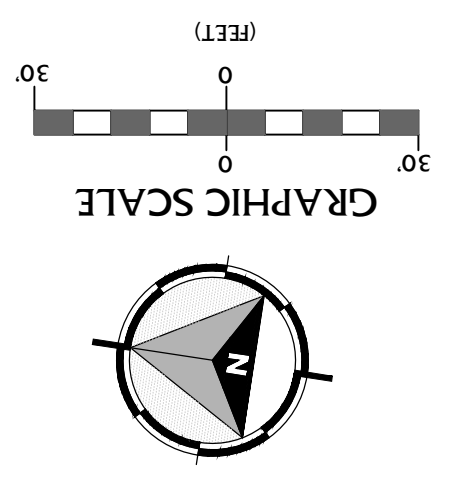
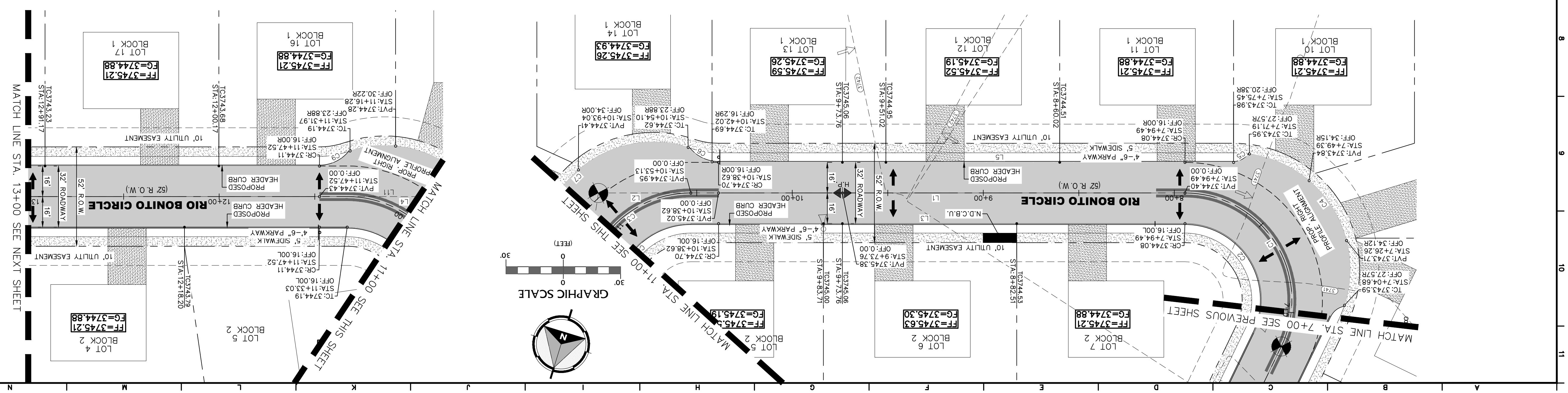


LINE TABLE

LINE #	LENGTH	BEARING
L4	48.39	N84°46'20.00"W
L2	48.39	N72°53'09.00"E
L1	258.63	N72°53'09.00"E
L3	258.63	S72°53'09.00"W
L5	289.60	S72°53'09.00"W

CURVE TABLE

CURVE #	CHORD BEARING	CHORD	RADIUS	DELTA	TANGENT
C1	S49°14'31"E	94.85	115°44'41"	40.00	80.81
C2	S49°14'31"E	67.75	115°44'41"	40.00	80.81
C3	N22°03'25"E	73.23	81°39'29"	56.00	48.39
C4	S49°14'31"E	103.32	115°44'41"	61.00	123.23
C5	S44°48'14"W	9.41	56°09'50"	10.00	9.80
C6	N80°53'52"W	17.80	52°51'07"	20.00	18.45
C8	N32°03'25"E	52.30	81°39'29"	40.00	57.01
C9	S34°59'19"E	17.80	52°51'07"	20.00	18.45





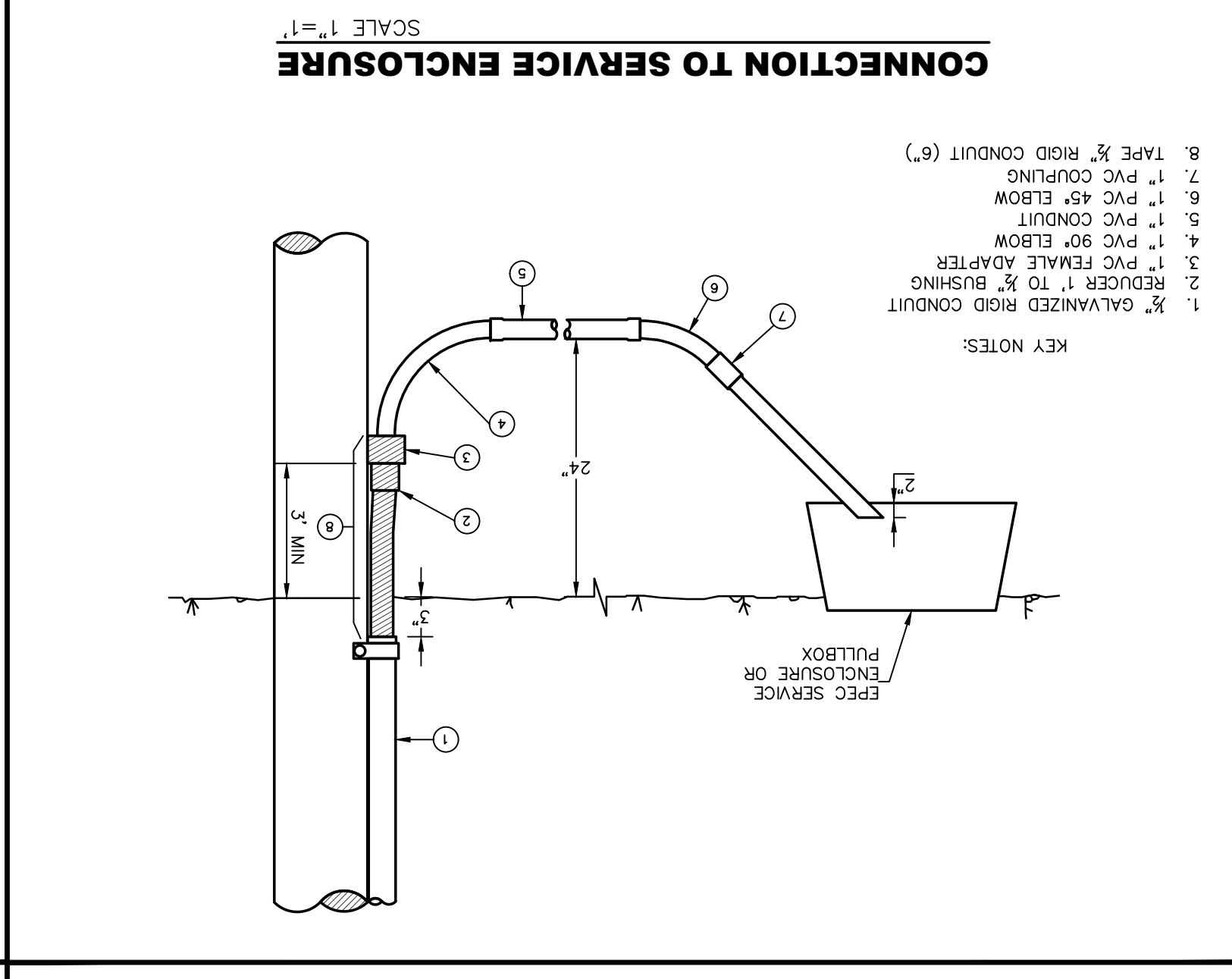
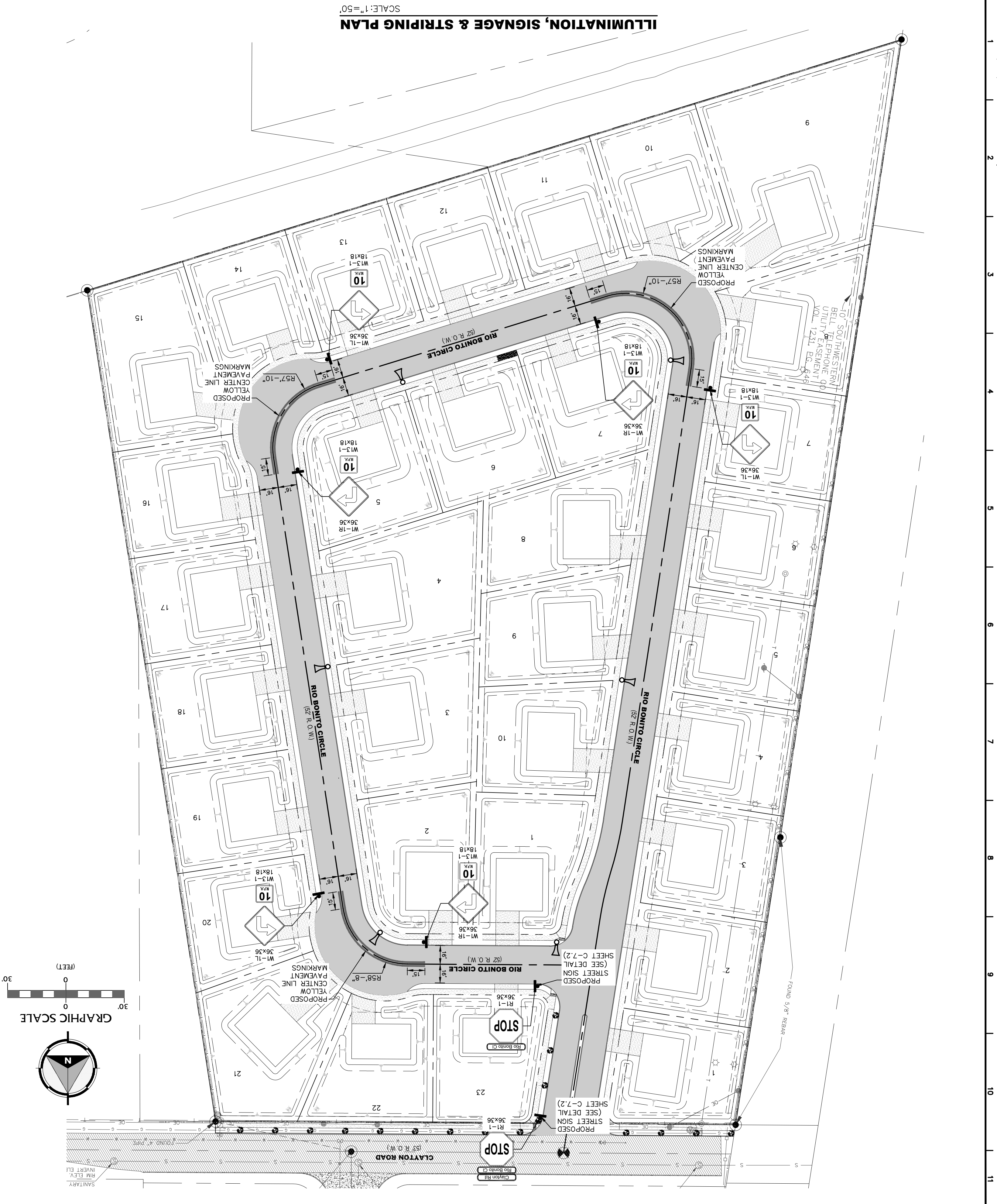
**STOP! CALL BEFORE YOU DIG**  
**DIG TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

**FLOOD ZONE**  
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**BENCHMARK:**  
 SIXTY MOUNTAIN LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTY DRIVE, CITY OF EL PASO VERTICAL DATUM ELEVATION (E.P.V.D.)=2742.55. THIS MARKED ELEVATION IS 1.17' LOWER THAN THE PUBLISHED ELEVATION OF 2743.72'. (ELEVATION = 2742.55 N.A.V.D. 88). ESTABLISHED FROM U.S.S. TRIANGULATION POINT 'S REEF', PID NO. C24422

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 96582-008  
 TPE Firm Reg. No.: F-737  
 PH (915) 542-4900  
 FAX (915) 542-2867  
 AUG 2021  
 No. 1  
 S.J.A.  
 S.J.A.  
 L.C.  
 L.C.  
 L.C.

**PASEO DEL RIO SUBDIVISION**  
**TRACTS 150, 1502, 155, 18B, 18B2 AND 18N, BLOCK 6, UPPER VALLEY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**ILLUMINATION PLAN & DETAILS**  
 Job Number: 06582-008  
 Sheet Number: C6



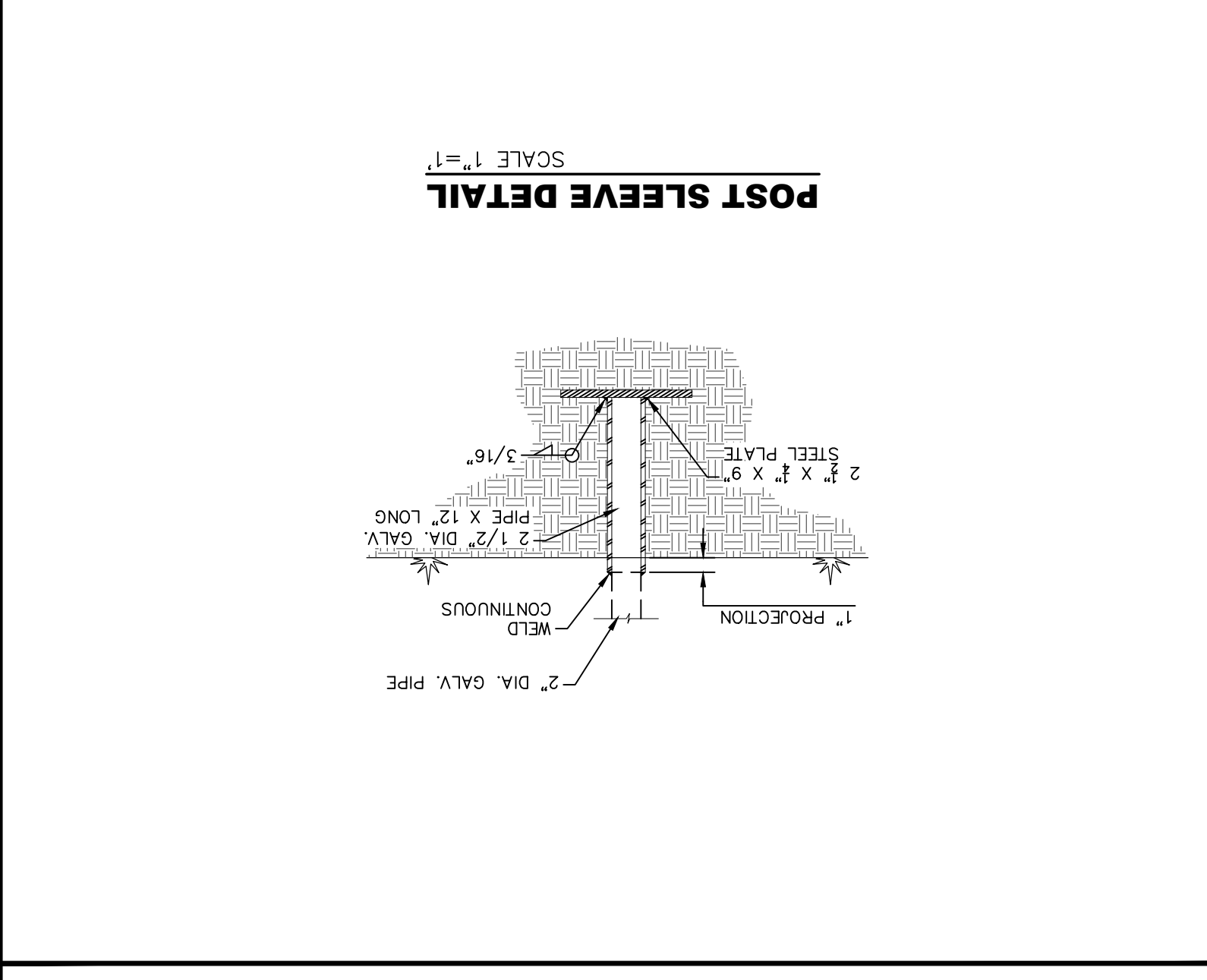
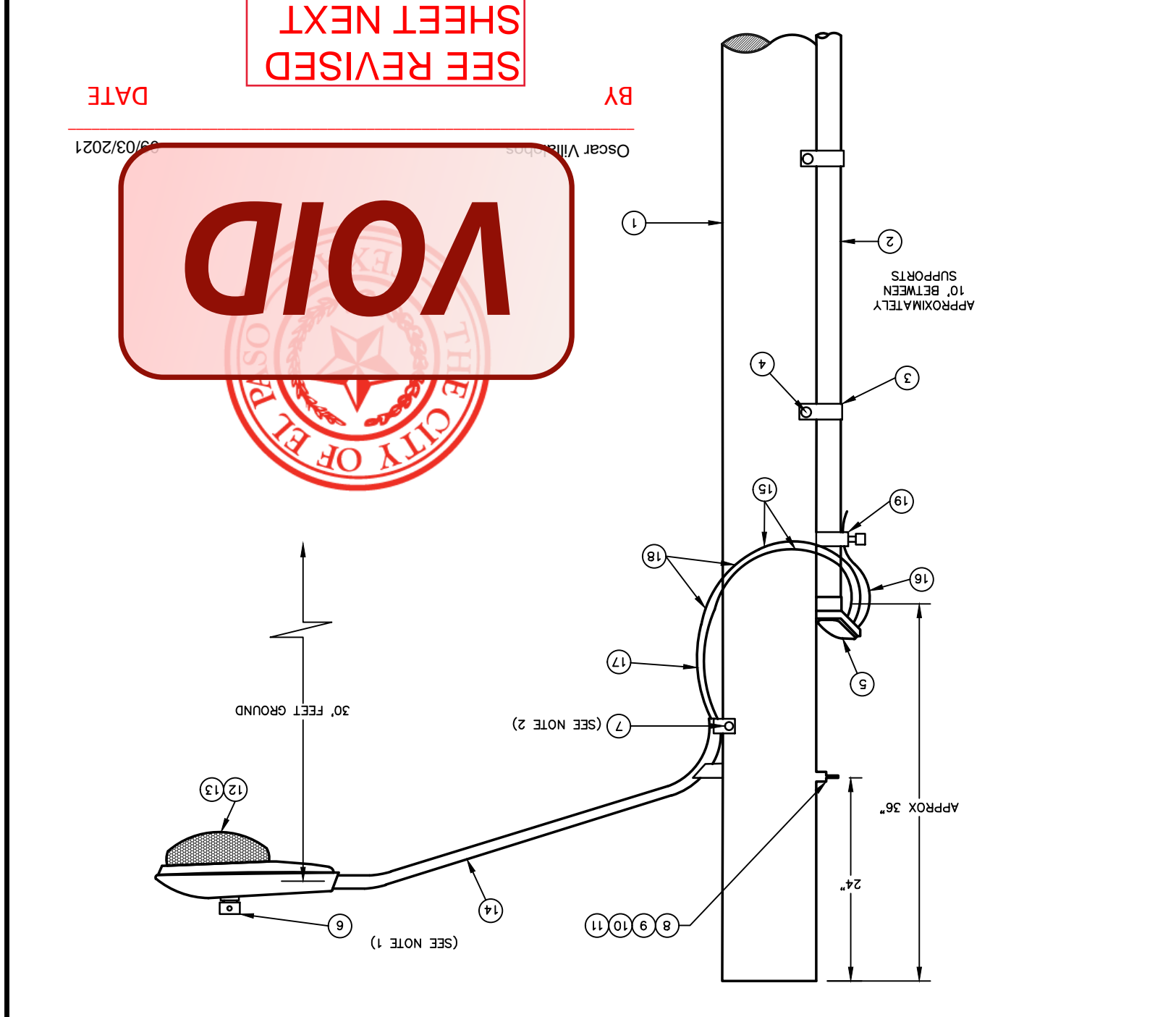
**RESIDENTIAL STREET LIGHT WOOD POLE DETAIL**  
 SCALE: 1"=1'

**DESIGN NOTES:**  
 1. INSTALLATION SHALL COMPLY WITH ALL LOCAL CODE REQUIREMENTS.  
 2. FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING CODE INTERPRETATION, CALL EL PASO ELECTRIC CO. DISTRIBUTION DEVELOPMENT DEPARTMENT.

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

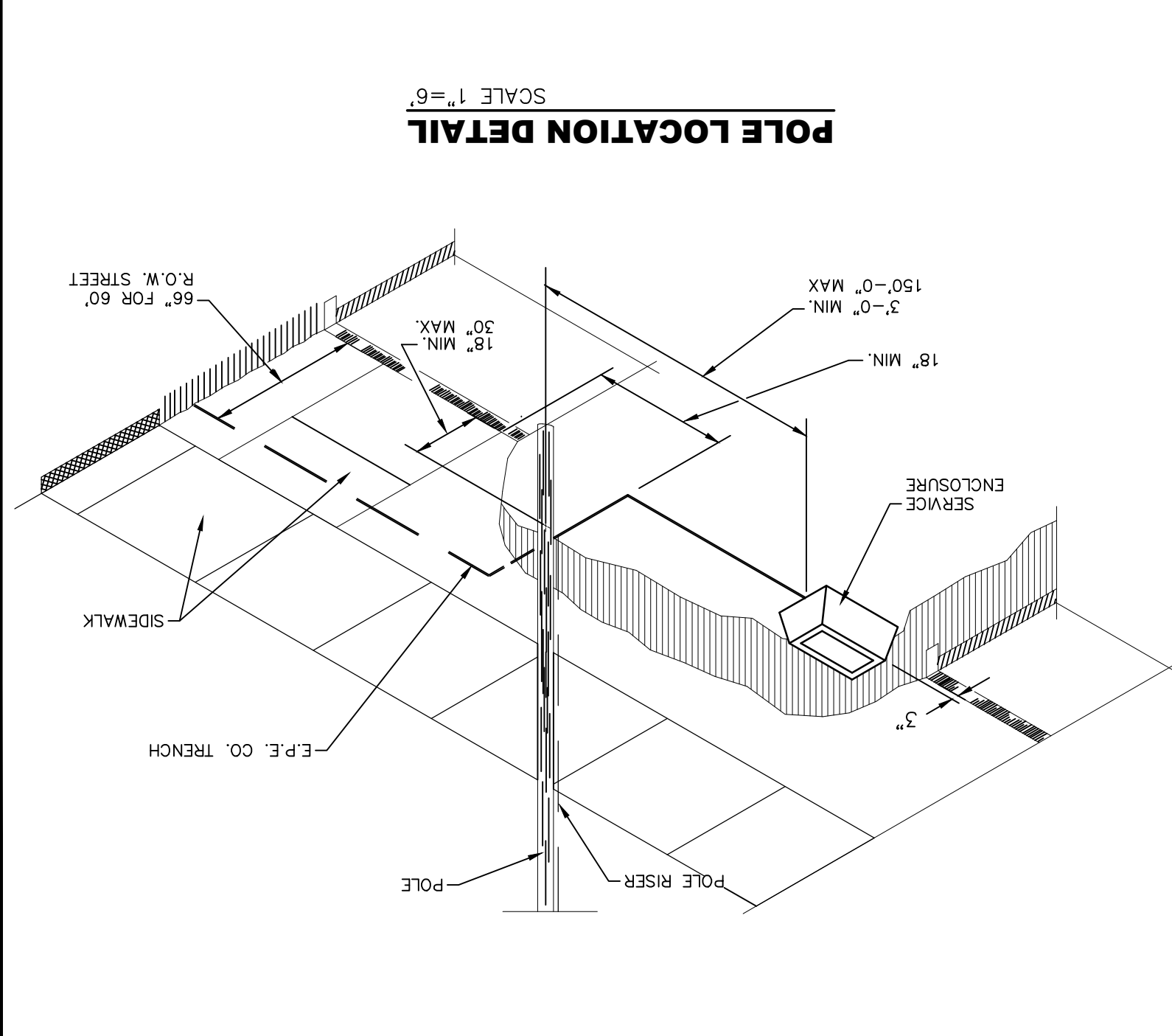
ITEM NO.	DESCRIPTION	STOCK NO.	QTY. PER LIGHT
1	POLE, 35' CLASS IV	009-035	1
2	PIPE STRAP FOR 1 1/2" CONDUIT, 2-HOLE	017-292	3
3	PIPE STRAP FOR 1 1/2" CONDUIT, 2-HOLE	017-334	7
4	LAG BOLT, 1/4" x 2"	002-330	6
5	WEATHERHEAD, 1/2" CONDUIT	017-293	1
6	PHOTOCELL, 240V-SEE NOTE 1	021-225	1
7	LAG BOLT, 1/2" x 8"	002-370	2
8	MACHING BOLT, 5/8" x 8"	002-450	1
9	SQUARE GALV. WASHER, 2-1/4" x 2-1/4"	002-760	1
10	COIL SPRING WASHER, 5/8"	002-786	1
11	LOCKNUT, 5/8"	002-705	1
12	LUMINAIRE, 100W H.P.S.	021-335	1
13	HPS LAMP, 100W	021-085	1
14	MAST ARM, 6" x 1-1/4"	021-200	1
15	COPPER CABLE, #12, 19 STRAND, 600 V	013-665	1
16	COPPER CABLE, #12, 19 STRAND, 600 V, GREEN	013-701	8
17	CABLE, #10, 2 CONDUCTOR, 600 V, UF	013-600	2
18	SLEEVES, #12-10	006-140	2
19	GROUNDING CLAMP	021-215	1

**RESIDENTIAL STREET LIGHT POLE SCHEDULE**



**DISTRIBUTION DETAIL**  
 SCALE: 1"=2'

ITEM NO.	DESCRIPTION	QTY. PER LIGHT
21	COPPER WRE, #6 BARE SOLID HARD DRAWN	1
22	ALUMINUM WRE, #4 BARE SOLID HARD DRAWN	1
23	1/2# STAPLE, GALV. 1-1/2" NO. 9	
24	SPLICE, #4 SOLID ALUM. TO #6 SOLID CU.	1





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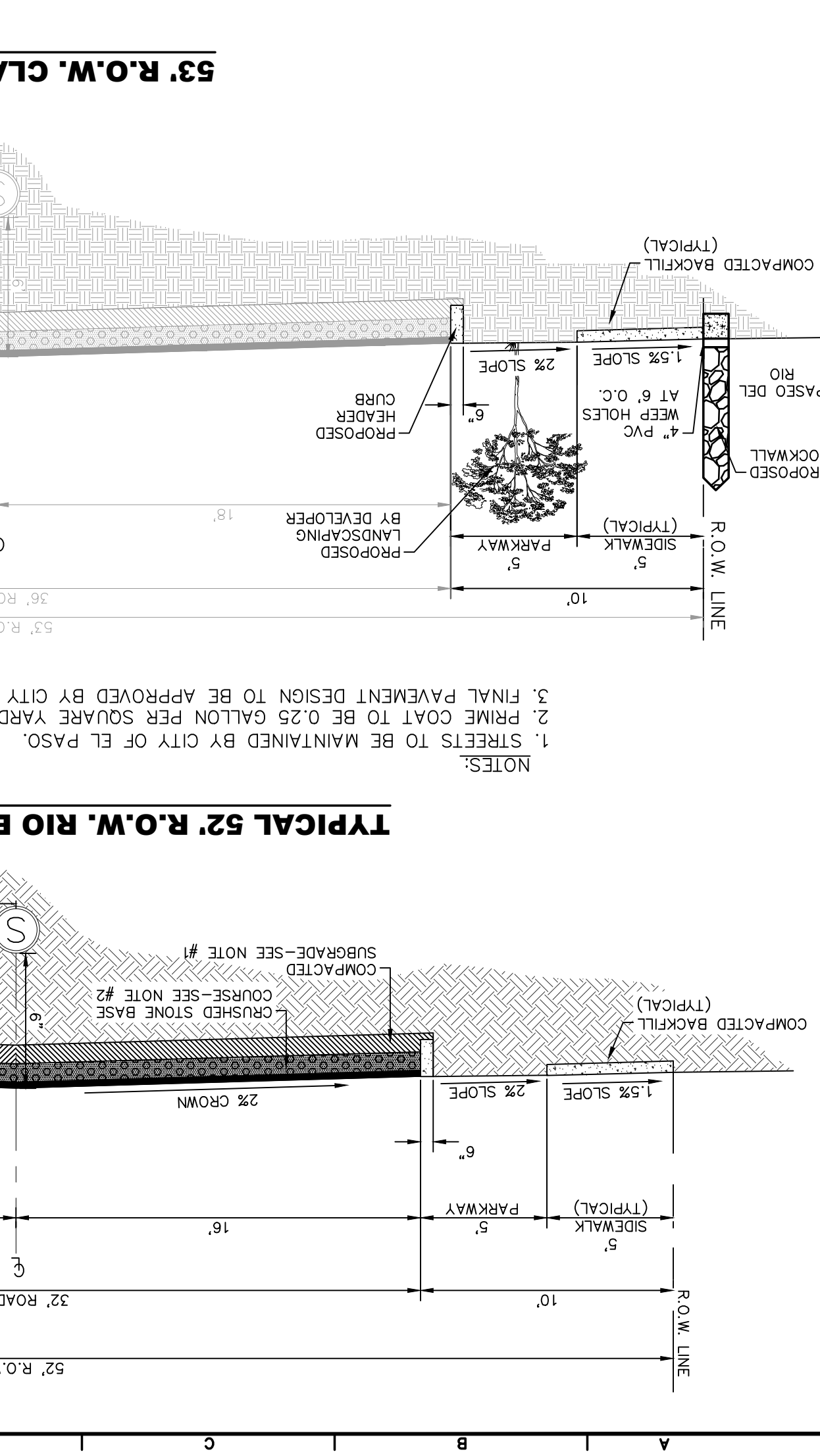
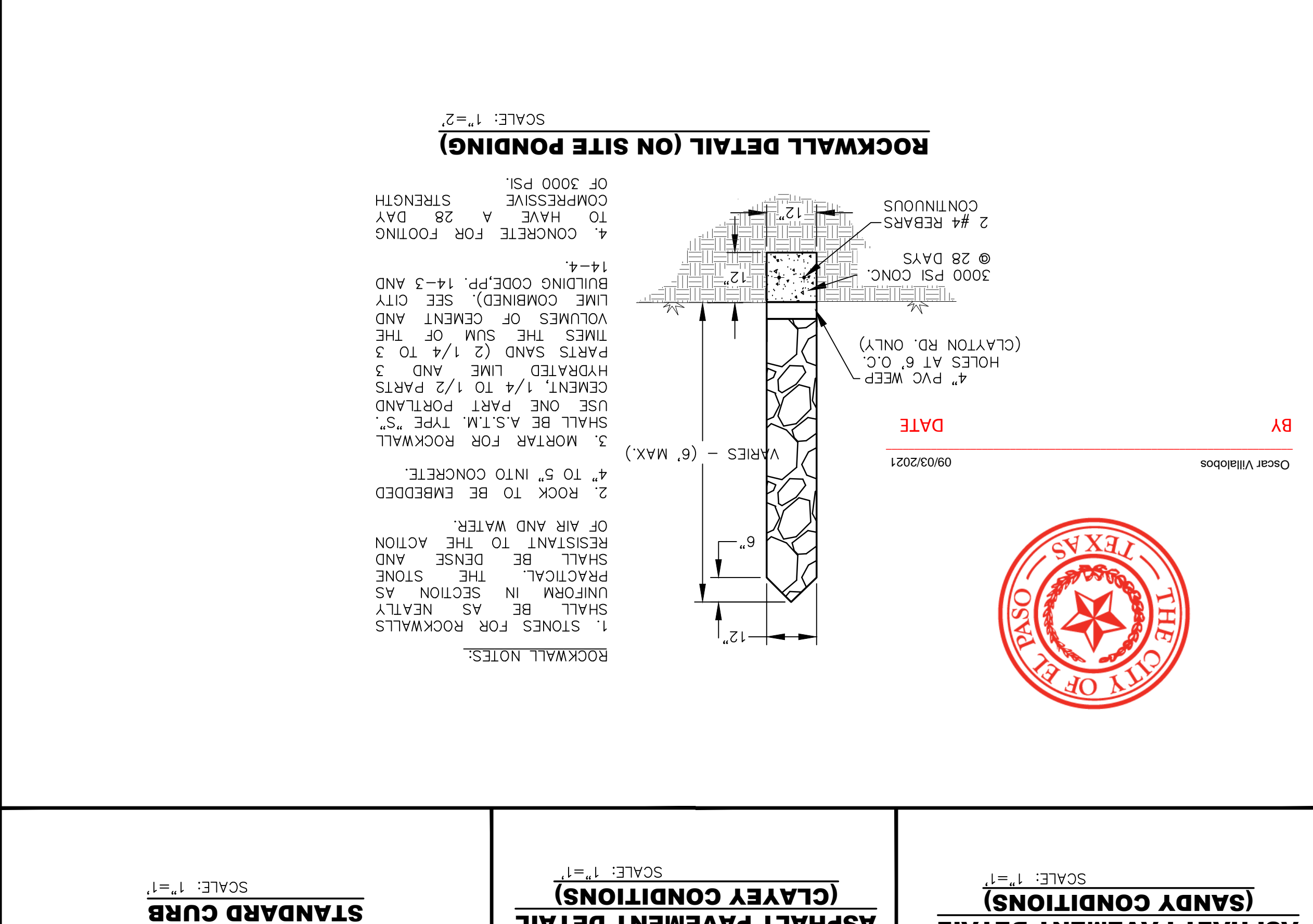
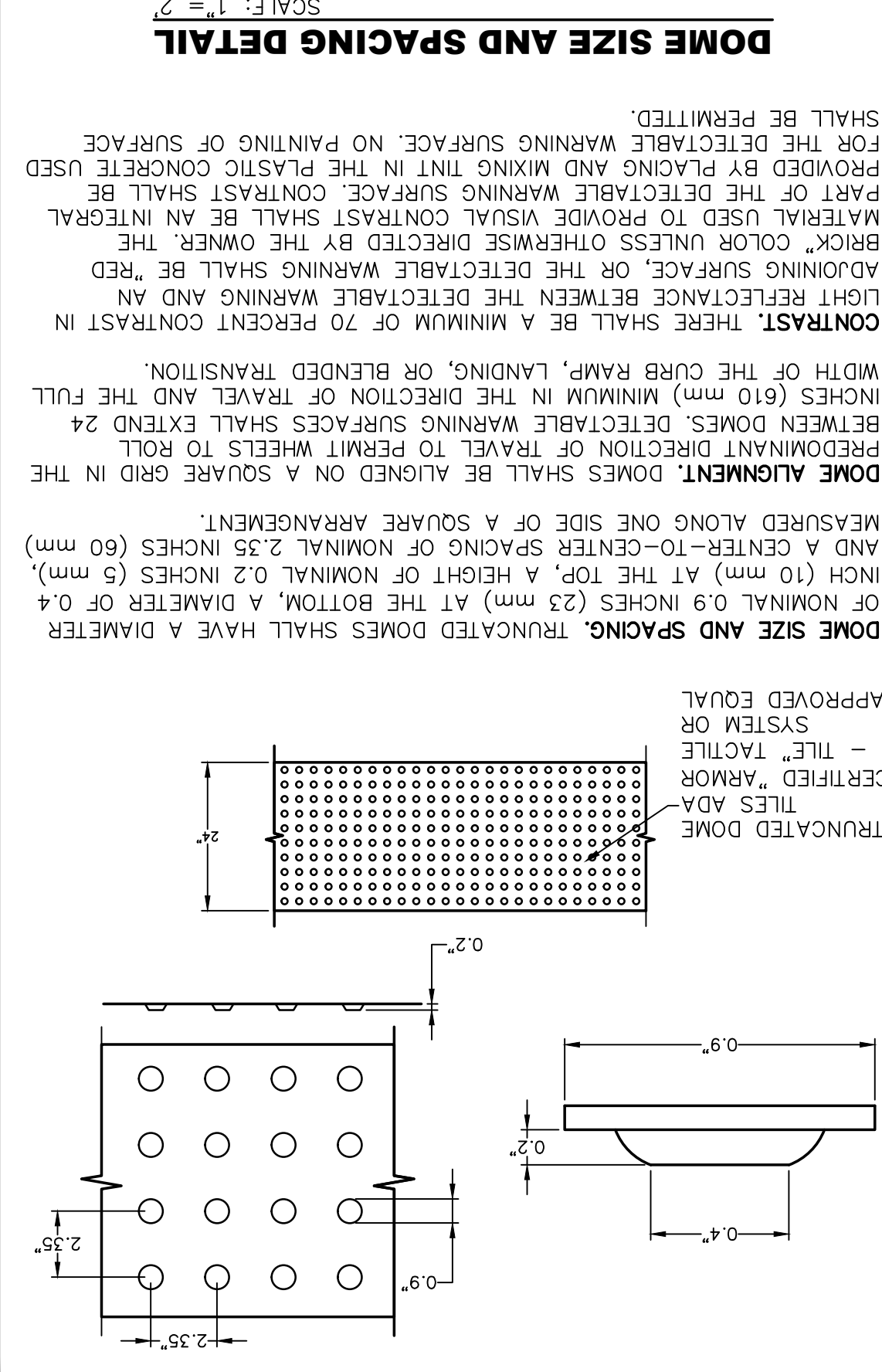
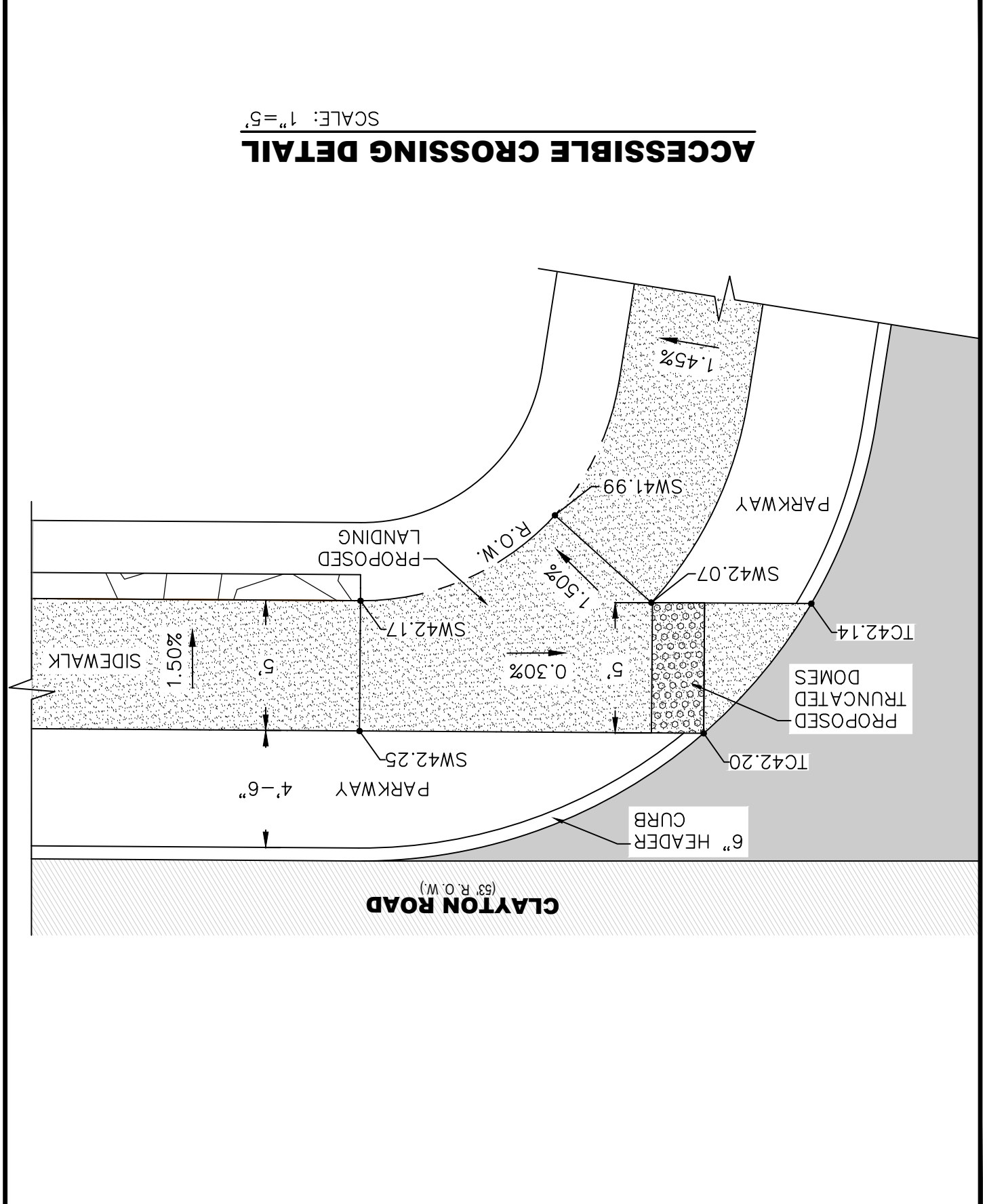
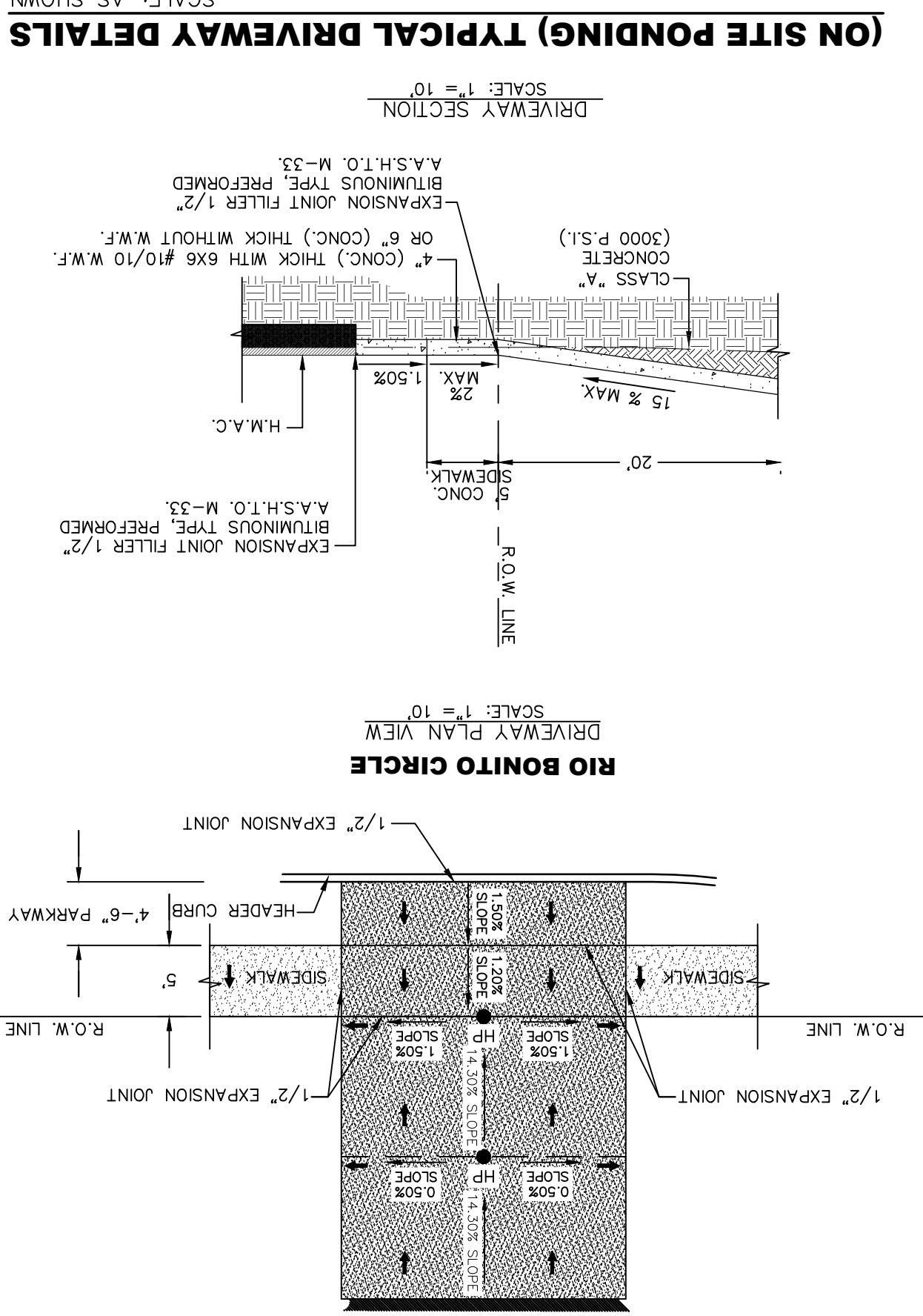
**FLOOD ZONE**  
 THIS PROPERTY IS LOCATED IN FLOOD ZONE X AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, COMMUNITY PANEL NO. 480212 0125 B  
 EFFECTIVE DATE: 09/04/1991

**BENCHMARK:**  
 SIXTH DRIVE, CITY OF EL PASO, VERTICAL DATUM ELEVATION (E.P.V.D.)=3425.55  
 THIS BENCHMARK IS LOCATED AT THE INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO, TEXAS. THE E.P.V.D. WAS ESTABLISHED FROM U.S.S. VERTICAL DATUM ELEVATION OF 3424.46  
 (ELEVATION = 3724.06 N.A.V.D. 88)  
 SERGIO J. ADAME  
 LICENSED PROFESSIONAL ENGINEER  
 88423  
 08/25/21

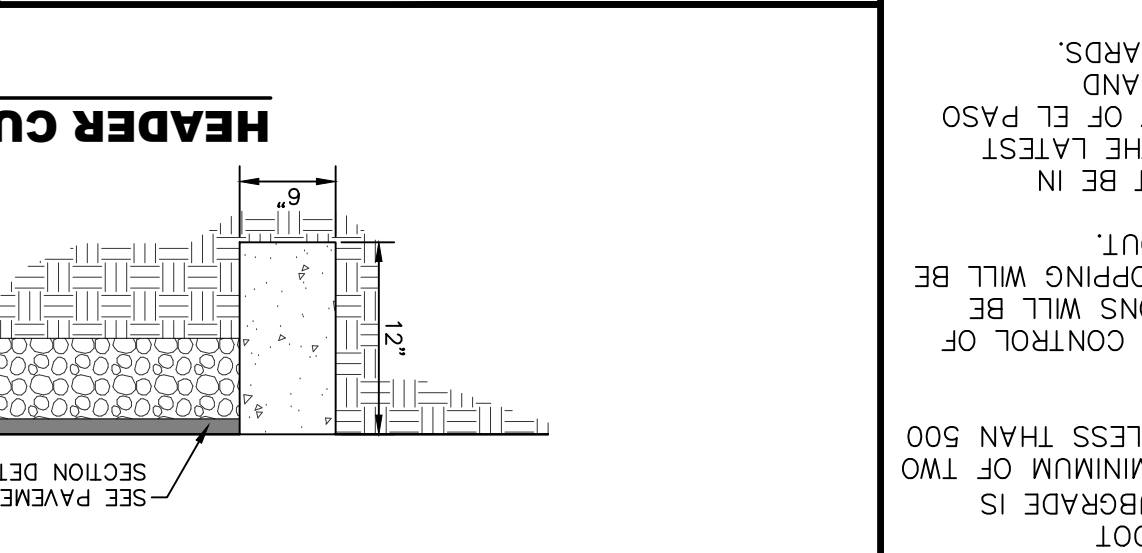
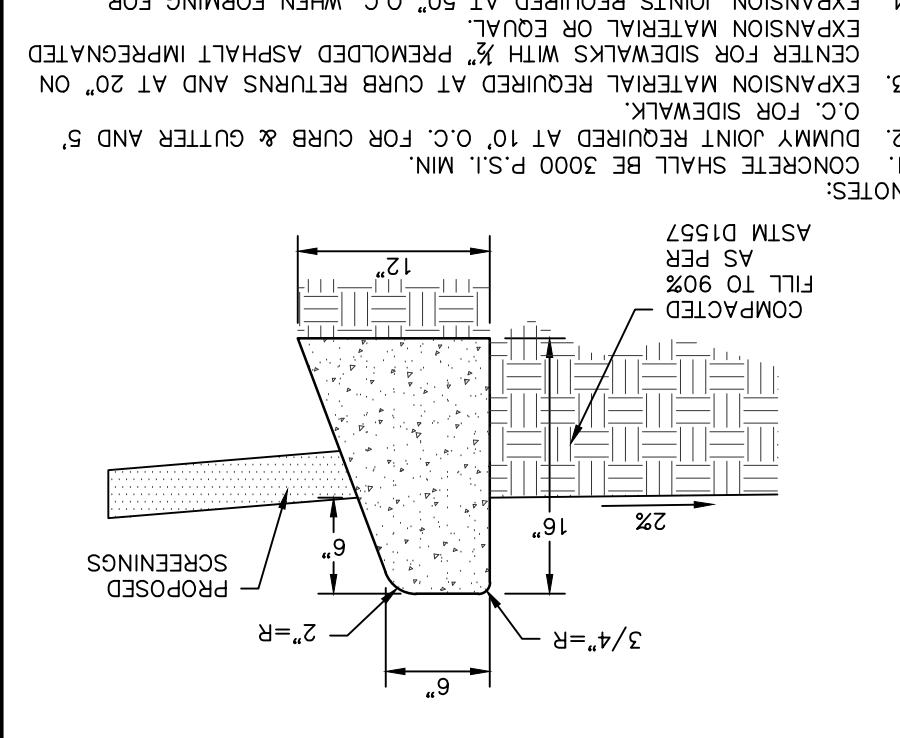
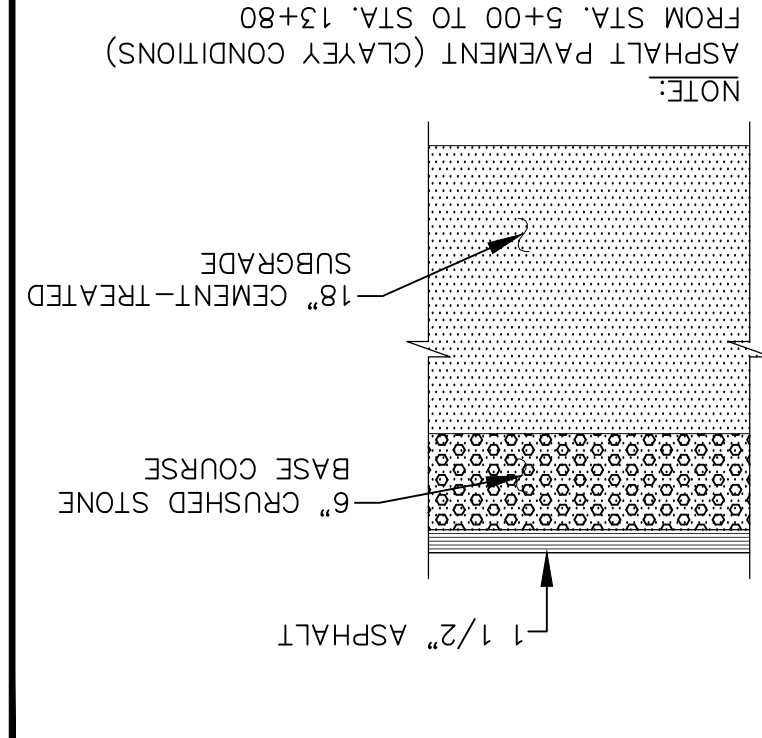
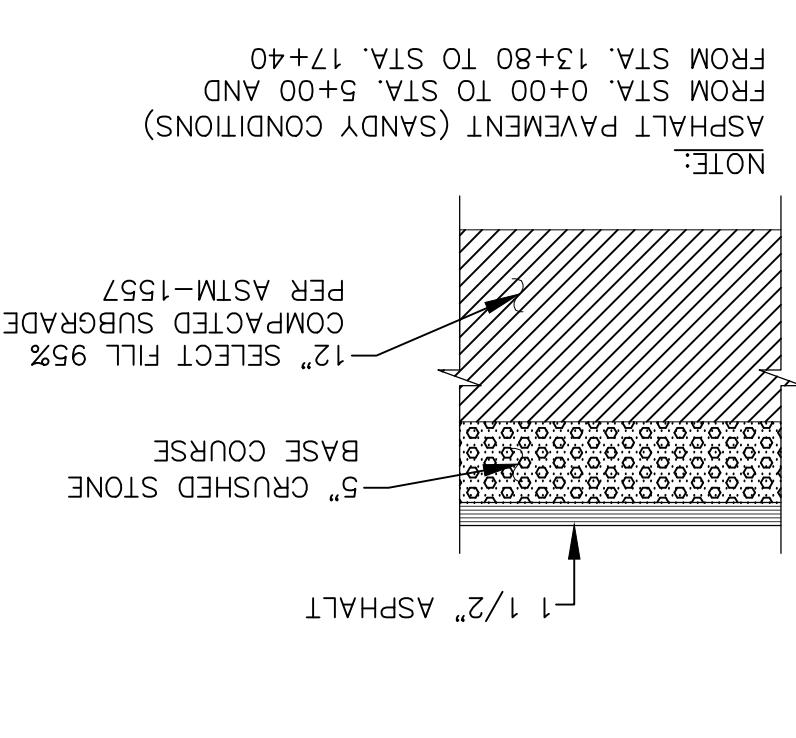
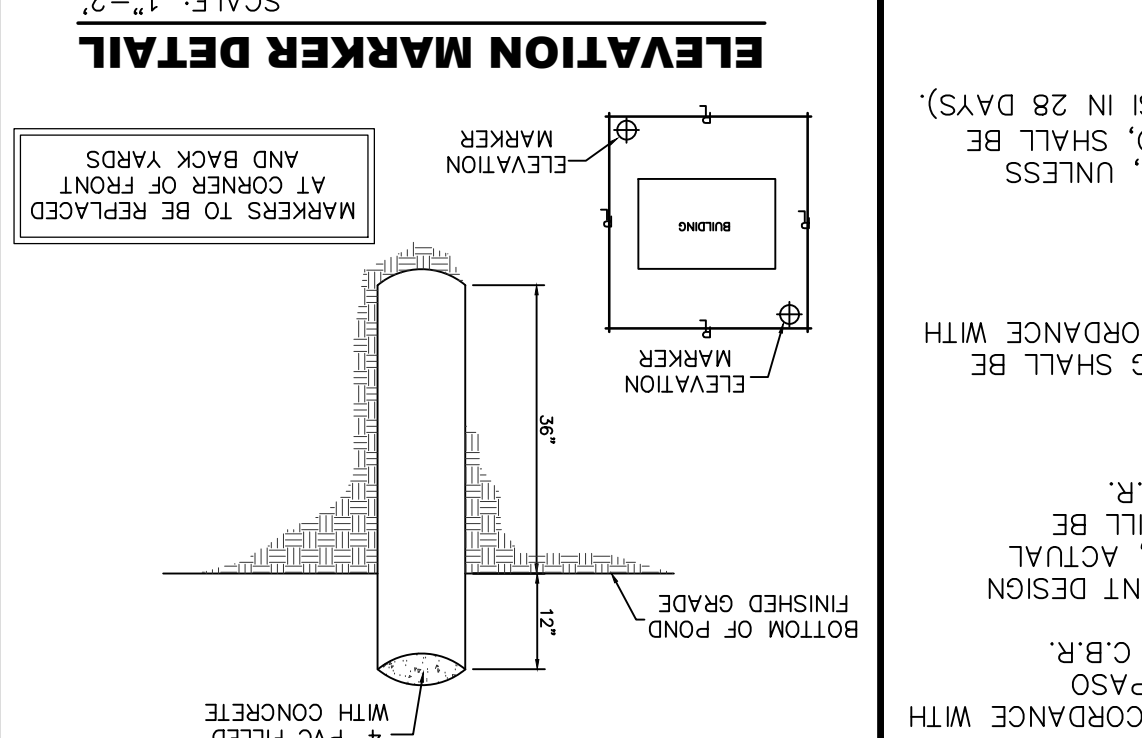
**B BROCK & BUSTILLOS INC.**  
 CONSULTING CIVIL ENGINEERS  
 417 EXECUTIVE CENTER  
 EL PASO, TEXAS 79902  
 WWW.BROCKBUSTILLOS.COM  
 95882-008  
 TRPE Firm Reg. No.: F-737  
 PH (915) 542-4900  
 FAX (915) 542-2867  
 Approved: S.J.A.  
 Checked: S.J.A.  
 Drawn: I.C.  
 Designed: I.C.  
 Date: AUG 2021

No.	Revision Description	By	Date

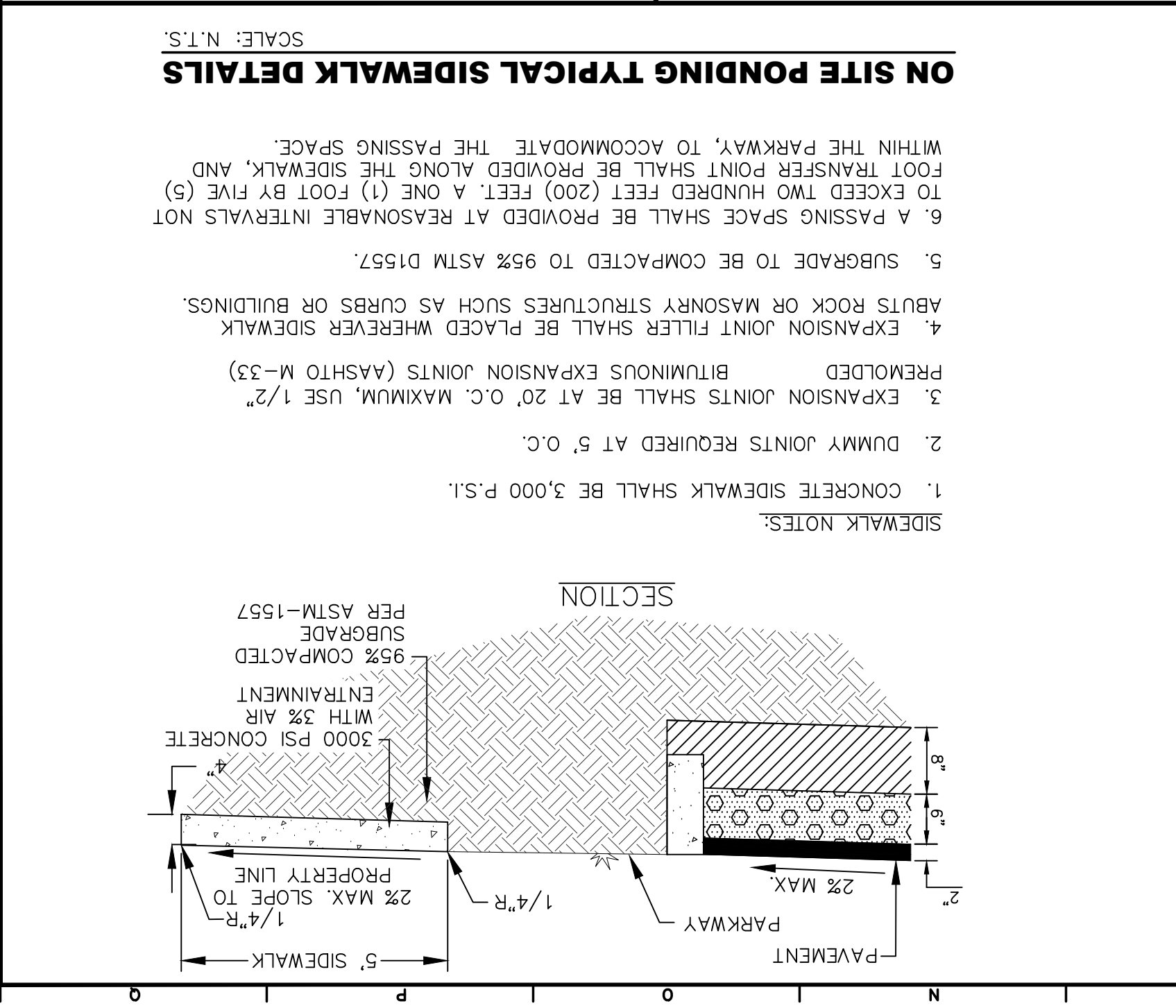
**PASEO DEL RIO SUBDIVISION**  
**TRACTS 150, 1502, 155, 18B, 18B2 AND 18N,**  
**BLOCK 6, UPPER VALLEY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**TYPICAL DETAILS**  
 Job Number: 06582-008  
 Sheet Number: C7.1



**STREET SECTION NOTES:**  
 1. SUBGRADE TO BE CONSTRUCTED AS PER C.B.R.  
 2. BASE COURSE TO BE COMPACTED TO NOT LESS THAN 100% DENSITY IN ACCORDANCE WITH ASTM D-1557 AND C.B.R.  
 3. BITUMINOUS MATERIAL SHALL CONFORM TO AC-10 OR AC-20 IN ACCORDANCE WITH ASTM D-3318.  
 4. PRIME COAT TO BE 0.25 GAL. PER SQUARE YARD (MINIMUM).  
 5. COMPACTION TESTS WHERE ENGINEERING DEPARTMENT MUST BE PAID FOR BY THE DEVELOPER.  
 6. COMPACTION TESTS WILL BE REQUIRED AT 500 FOOT INTERVALS AFTER SUBGRADE IS PLACED AND/OR A MINIMUM OF TWO TESTS IF STREET IS LESS THAN 500 FEET.  
 7. STRICT VERTICAL CONTROL OF ALL CURBS ELEVATIONS WILL BE MAINTAINED, BLUE TOPPING WILL BE REQUIRED THROUGHOUT.  
 8. ALL PLANS MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF EL PASO SPECIFICATIONS AND C.B.R. BASE WILL BE IN ACCORDANCE WITH LATEST CITY OF EL PASO SPECIFICATIONS AND C.B.R. MINIMUM PAVEMENT DESIGN DETAILS ARE SHOWN, ACTUAL PAVEMENT DESIGN WILL BE DETERMINED BY C.B.R.  
 9. H.M.A.C. BASE COURSE AND SUB BASE WILL BE IN ACCORDANCE WITH OSHA-2226.  
 10. ALL TRENCHING SHALL BE DONE IN STRICT ACCORDANCE WITH CONCRETE NOTES.  
 11. ALL CONCRETE, UNLESS OTHERWISE SPECIFIED, SHALL BE CLASS "A" (3000 PSI IN 28 DAYS).



**HEADER NOTES:**  
 1. CONCRETE TO BE 3000 P.S.I. MIN. 28 DAYS.  
 2. DUMMY JOINT REQUIRED AT 10' O.C.  
 3. EXPANSION MATERIAL REQUIRED AT 10' O.C.  
 4. EXPANSION JOINT REQUIRED AT 50' O.C. WHEN FORMING FOR HEADERS.  
 5. EXPANSION JOINTS REQUIRED FOR SIDEWALK AT 20' O.C.  
 SCALE: N.T.S.







**STOP!**  
**CALL BEFORE YOU DIG**  
**1-800-DIG-TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

**FLOOD ZONE**  
 THIS PROPERTY IS LOCATED IN ZONE X AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY COMMUNITY PANEL NO. 480212 0125 B EFFECTIVE DATE: 09/04/1991

**BENCHMARK:**  
 SIXTY DRIVE, CITY OF EL PASO VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.35  
 THIS MARKED ELEVATION IS 1.17' LOWER THAN THE PUBLISHED ELEVATION OF 3743.52  
 FOR THE CITY MONUMENT AT CLAYTON ROAD AND SIXTY DRIVE THE E.P.V.D. WAS ESTABLISHED FROM U.S.S. TRIANGULAR MONUMENT 'S REB', PID NO. C24422 (ELEVATION = 3744.06 N.A.V.D. 88)

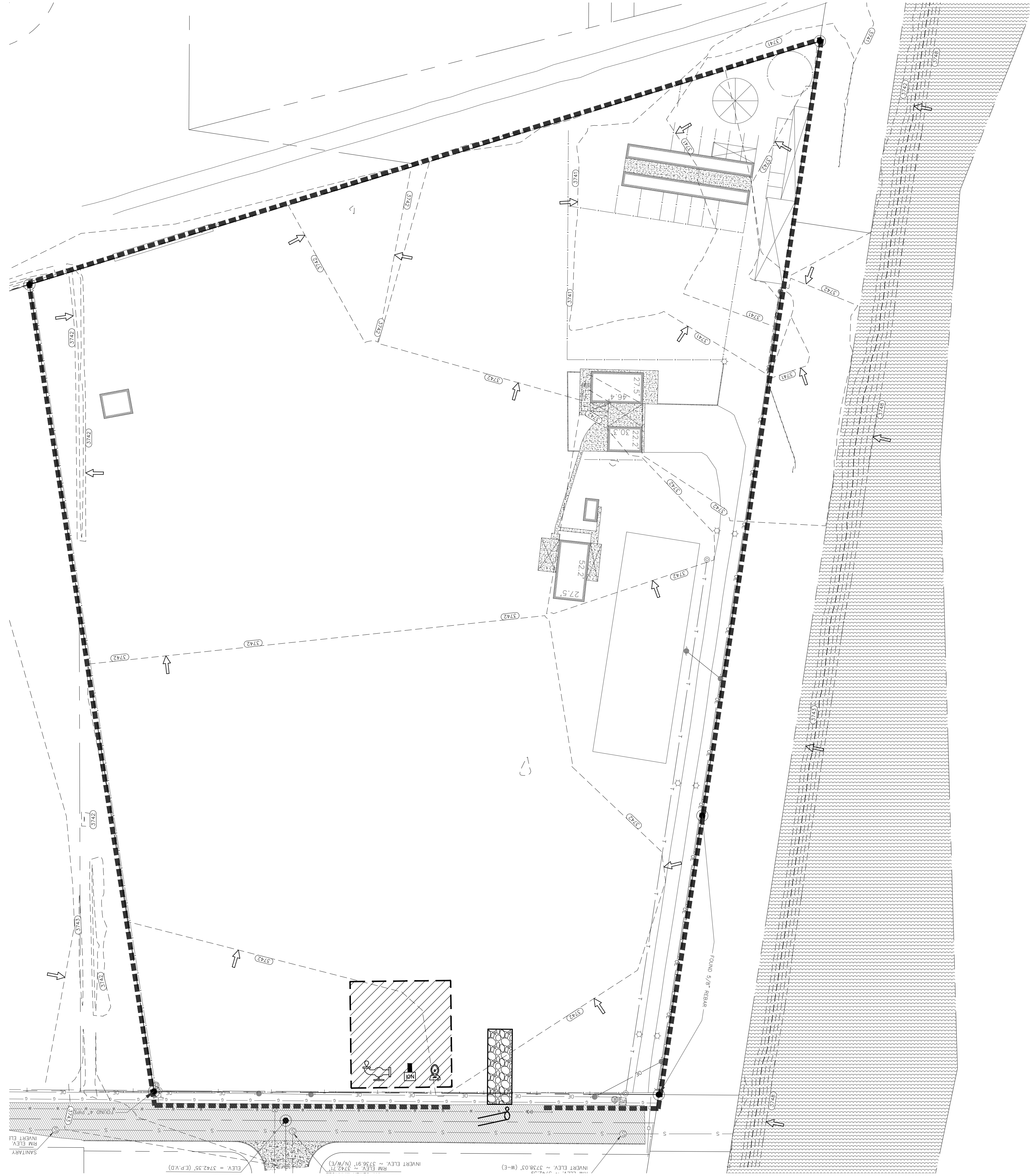
PROFESSIONAL ENGINEER  
 SERGIO J. ADAME  
 88423  
 08/25/21

**B BROCK & BUSTILLOS INC.**  
 CONSULTING CIVIL ENGINEERS  
 LAND SURVEYORS  
 417 EXECUTIVE CENTER  
 EL PASO, TEXAS 79902  
 WWW.BROCKBUSTILLOS.COM  
 06582-008  
 TPE Firm Reg. No.: F-737  
 PH (915) 542-4900  
 FAX (915) 542-2867

No.	Revision Description	By	Date

**PASEO DEL RIO SUBDIVISION**  
**TRACTS 15Q, 15Q2, 15S, 18B, 18B2 AND 18N,**  
**BLOCK 6, UPPER VALLEY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**STORM WATER POLLUTION PREVENTION PLAN**

Job Number: 06582-008  
 Sheet Number: **C8**



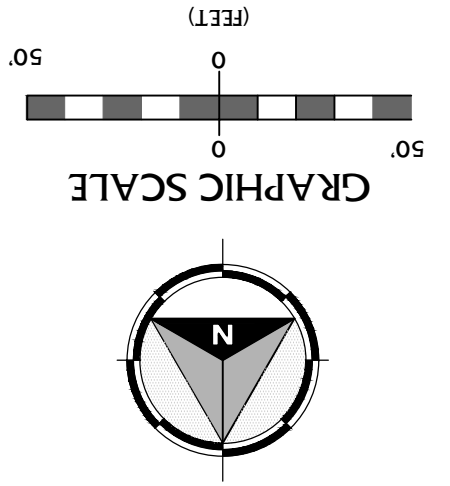
SEE REVISED SHEET NEXT

**VOID**

DATE: 09/03/2021  
 BY: [Signature]

**SWPPP LEGEND**

- TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY SEDIMENT CONTROL FENCE
- PRELIMINARY STAGING AREA
- STORM WATER OUTFALL LOCATION
- EXISTING STORM WATER RUN-OFF
- PROPOSED STORM WATER RUN-OFF
- PRELIMINARY NOI LOCATION
- PRELIMINARY PORTABLE JON LOCATION
- NON-STORM WATER DISCHARGE OUTFALL LOCATION
- EXISTING BODIES OF WATER



Vertical grid lines: A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q  
 Horizontal grid lines: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11



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**DIG TESS**  
1-800-344-8377  
1-800-DIG-TESS  
(@ least 48 hours prior to excavation)

**FLOOD ZONE**  
THIS PROPERTY IS LOCATED IN FLOOD ZONE X, AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, COMMUNITY PANEL NO. 480212 0125 B  
EFFECTIVE DATE: 09/04/1991

**BENCHMARK:**  
GTM MONUMENT LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO, VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.50 (ELEVATION = 3742.50 N.A.V.D. 88). ESTABLISHED FROM U.S.S. METAL MONUMENT 'S REE', PID NO. C24422  
FOR THE CITY MONUMENT AT CLAYTON ROAD AND SIXTH DRIVE THE E.P.V.D. WAS THE MEASURED ELEVATION IN THE FIELD. THE ELEVATION OF 3742.46

**B BROCK & BUSTILLOS INC.**  
CONSULTING CIVIL ENGINEERS  
LAND SURVEYORS  
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EL PASO, TEXAS 79902  
WWW.BROCKBUSTILLOS.COM  
98582-008  
TPRE Firm Reg. No.: F-737  
PH (915) 542-4900  
FAX (915) 542-2857

Designed:	L.C.
Drawn:	L.C.
Checked:	S.J.A.
Approved:	S.J.A.
Date:	AUG 2021

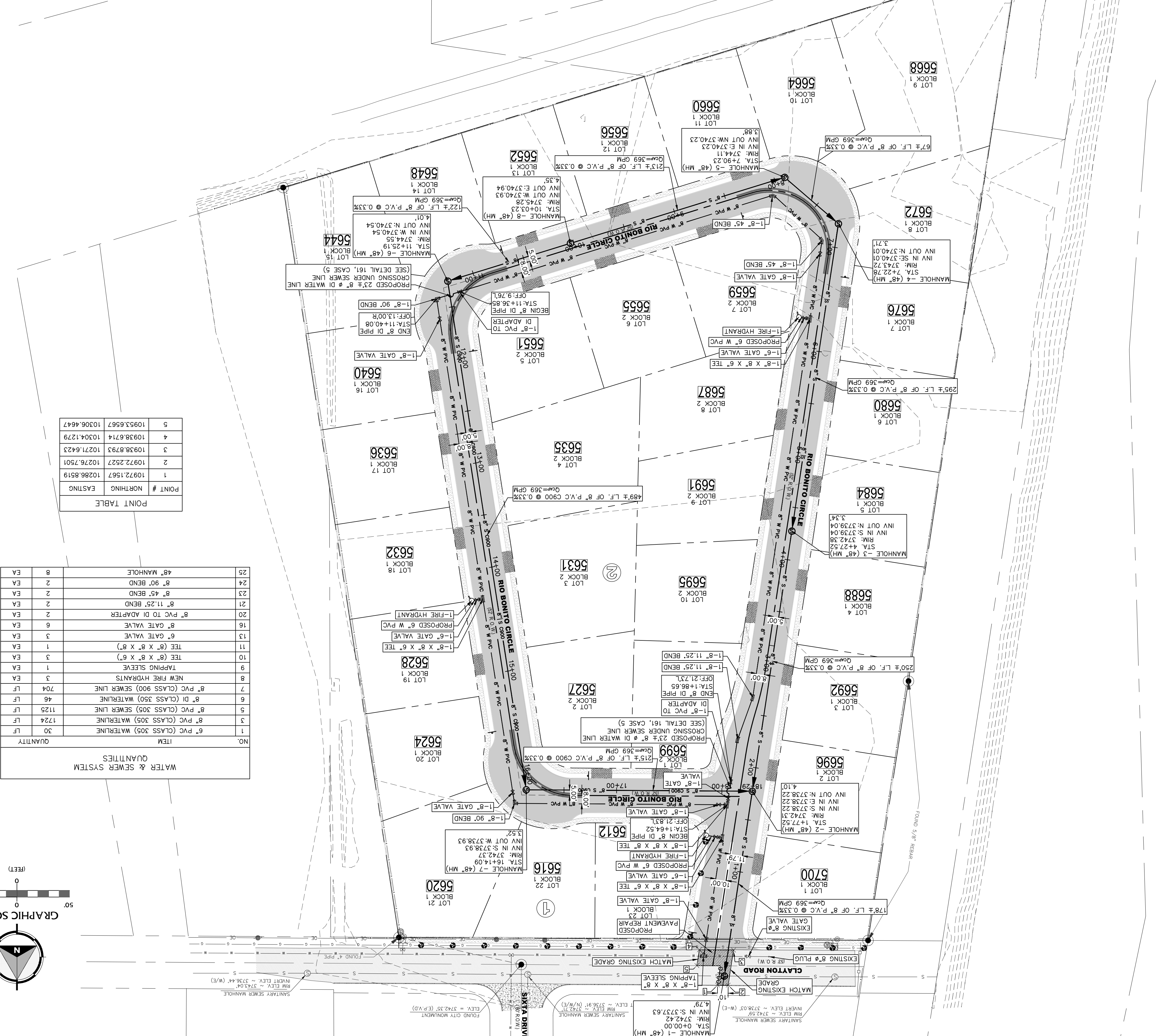
**PASEO DEL RIO SUBDIVISION**  
TRACTS 150, 1502, 155, 18B, 18B2 AND 18N, BLOCK 6, UPPER VALLEY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
**WATER & SEWER SYSTEM LAYOUT**  
Job Number: 06582-008  
Sheet Number: C-10

SEE REVISED SHEET NEXT

**VOID**  
DATE: 08/03/2021  
BY: [Signature]



**WATER & SEWER SYSTEM LAYOUT**  
SCALE: 1"=50'

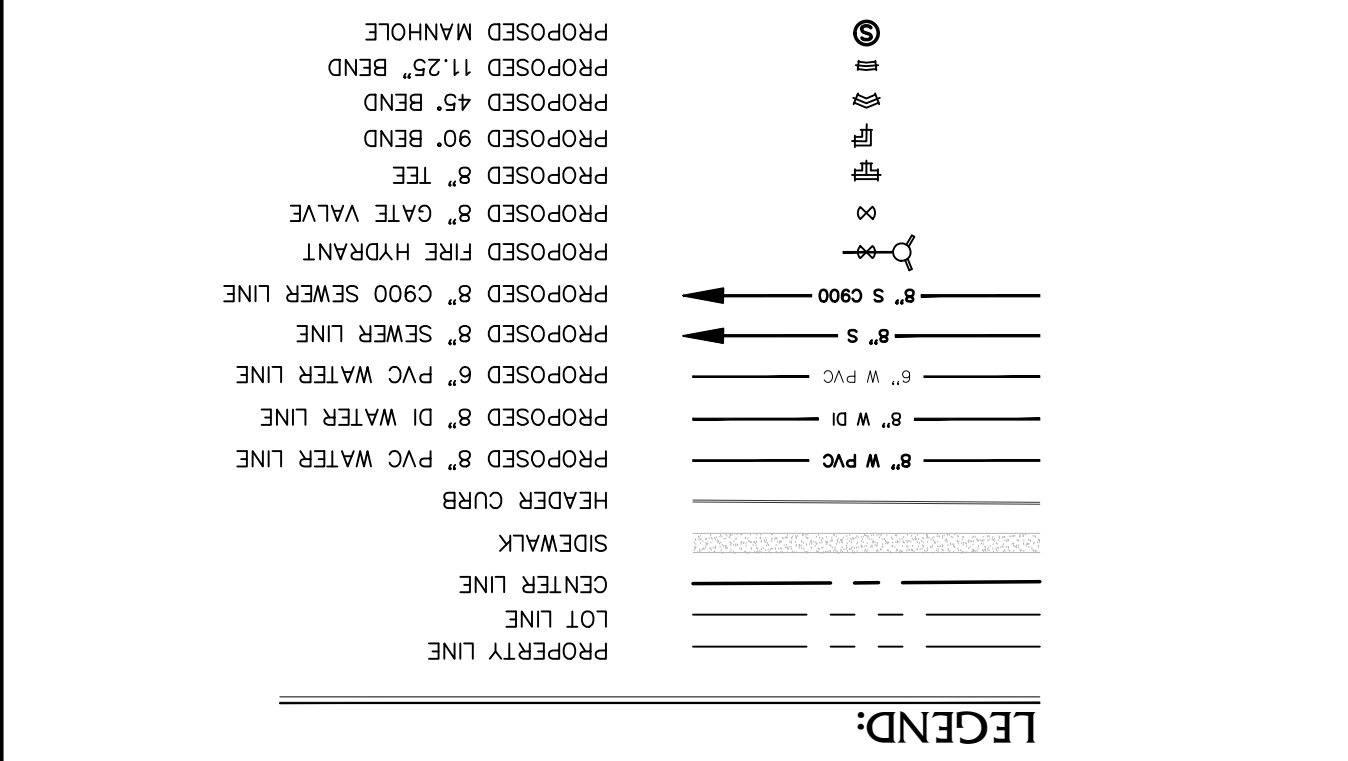


POINT TABLE

POINT #	NORTHING	EASTING
1	10972.1567	10286.8519
2	10972.2527	10276.7501
3	10938.8793	10271.6423
4	10938.6714	10304.1279
5	10953.6567	10306.4647

WATER & SEWER SYSTEM QUANTITIES

NO.	ITEM	QUANTITY
1	6" PVC (CLASS 305) WATERLINE	30 LF
2	CENTER LINE	30 LF
3	8" PVC (CLASS 305) WATERLINE	1724 LF
4	8" PVC (CLASS 305) WATERLINE	1125 LF
5	8" DI (CLASS 350) WATERLINE	46 LF
6	8" PVC (CLASS 900) SEWER LINE	704 LF
7	NEW FIRE HYDRANTS	3 EA
8	TAPPING SLEEVE	1 EA
9	TEE (8" X 8" X 6")	3 EA
10	TEE (8" X 8" X 6")	1 EA
11	1-8" X 8" X 6" TEE	1 EA
12	1-8" X 8" X 6" TEE	3 EA
13	6" GATE VALVE	3 EA
14	6" GATE VALVE	2 EA
15	8" PVC TO DI ADAPTER	2 EA
16	8" GATE VALVE	6 EA
17	PROPOSED 8" W PVC	1125 LF
18	PROPOSED 8" W PVC	46 LF
19	PROPOSED 8" W PVC	704 LF
20	PROPOSED 8" W PVC	1125 LF
21	PROPOSED 8" W PVC	46 LF
22	PROPOSED 8" W PVC	704 LF
23	PROPOSED 8" W PVC	1125 LF
24	PROPOSED 8" W PVC	46 LF
25	PROPOSED 8" W PVC	704 LF



- IT IS CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT WATER MAIN AS PER THE PLANS.
- ALL NEW WATER LINES SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER AT LEAST 48" BELOW FINISHED GROUND ELEVATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO RECORD ALL AS-BUILT INFORMATION, INCLUDING SEPARATION DISTANCES FROM APPURTENANCES AND FINAL AMOUNT OF P.V.C. LAYED.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING OTHER UTILITY LOCATIONS AND OTHER POSSIBLE OBSTRUCTIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY OF EL PASO PRIOR TO AND DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE EL PASO WATER AND THE COUNTY OF EL PASO PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF 5'-FEET AS PER O.S.H.A. STANDARDS.
- ALL VALUES ON P.V.C. WATER MAINS SHALL BE ANCHORED WITH CONCRETE, AS SHOWN ON THE DETAILS.
- PROVIDE ADEQUATE CONCRETE THRUST BLOCKING AT THE FOLLOWING: TAPPING, SLEEVE AND VALVES, TEES, BENDS, PLUGS, AND ALL FITTINGS, AS SHOWN ON THE DETAILS.
- P.V.C. PIPE SHALL BE PLACED WITH SELECT BEDDING MATERIAL, AS SHOWN ON THE DETAILS.
- DRIVEWAYS, WATER APPURTENANCES AND ALL OTHER MISCELLANEOUS STRUCTURES DAMAGED OR REMOVED ARE TO BE REPLACED TO ORIGINAL OR BETTER THAN ORIGINAL CONDITION. ALL EXISTING WATER AND WASTE WATER SYSTEMS IN SOIL BORINGS WERE NOT MADE FOR THIS PROJECT CONTACT THE EL PASO COUNTY FOR INFORMATION ON SUBSURFACE CONDITIONS.
- THE CONTRACTOR SHALL COORDINATE WITH THE EL PASO WATER FOR RECORD INFORMATION. TACT LINES AND R.O.W. LINES SHOWN HEREON ARE BASED ON RECORD INFORMATION AND HAVE NOT BEEN VERIFIED IN THE FIELD.
- TESTING WILL FOLLOW EL PASO WATER DESIGN STANDARDS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO RECORD ALL AS-BUILT INFORMATION, INCLUDING SEPARATION DISTANCES FROM APPURTENANCES AND FINAL AMOUNT OF P.V.C. LAYED.
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- TESTING WILL FOLLOW EL PASO WATER DESIGN STANDARDS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT SEWER SYSTEM AS PER THE PLANS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO RECORD ALL AS-BUILT INFORMATION, INCLUDING SEPARATION DISTANCES FROM APPURTENANCES AND FINAL AMOUNT OF P.V.C. LAYED.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING OTHER UTILITY LOCATIONS AND OTHER POSSIBLE OBSTRUCTIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY OF EL PASO PRIOR TO AND DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE EL PASO WATER AND THE COUNTY OF EL PASO PRIOR TO CONSTRUCTION.
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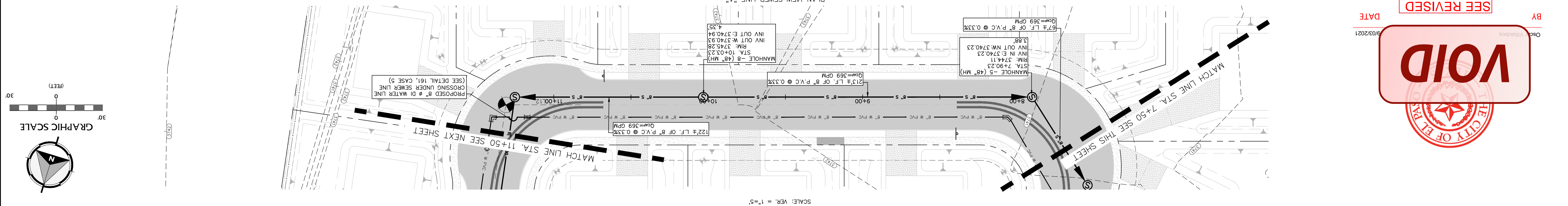
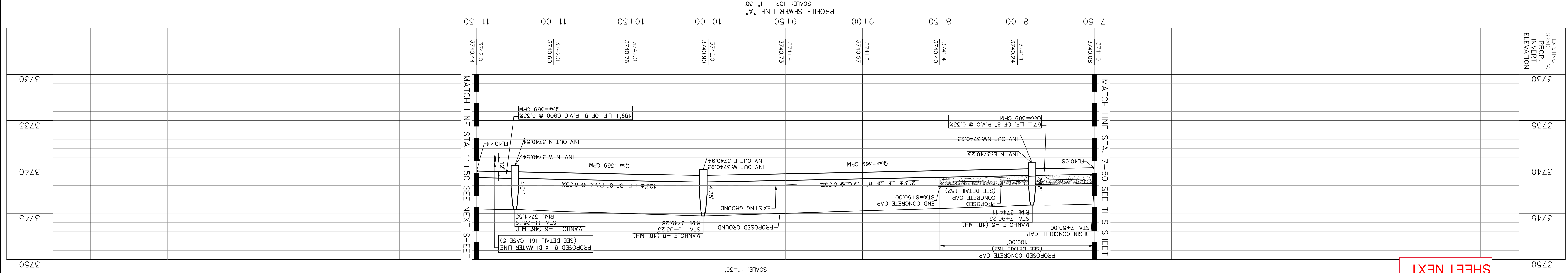
**STOP! CALL BEFORE YOU DIG**  
**DIG TESS**  
**1-800-DIG-TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

**FLOOD ZONE**  
 THIS PROPERTY IS LOCATED IN ZONE X AS SHOWN ON FLOOD INSURANCE RATE MAPS. PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. COMMUNITY PANEL NO. 480212 0125 B  
 EFFECTIVE DATE: 09/04/1991

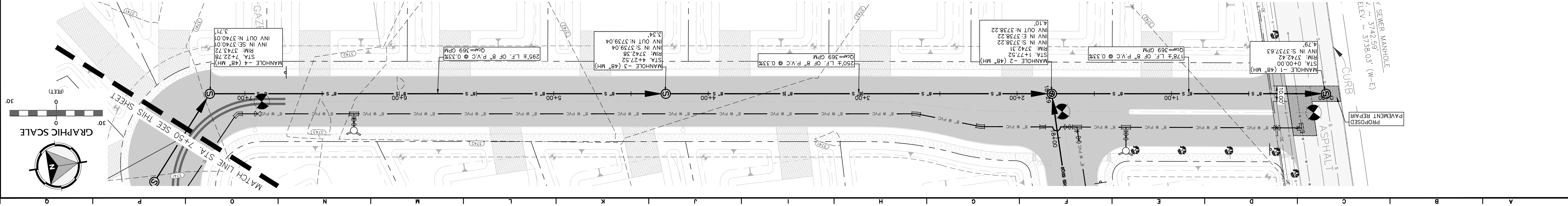
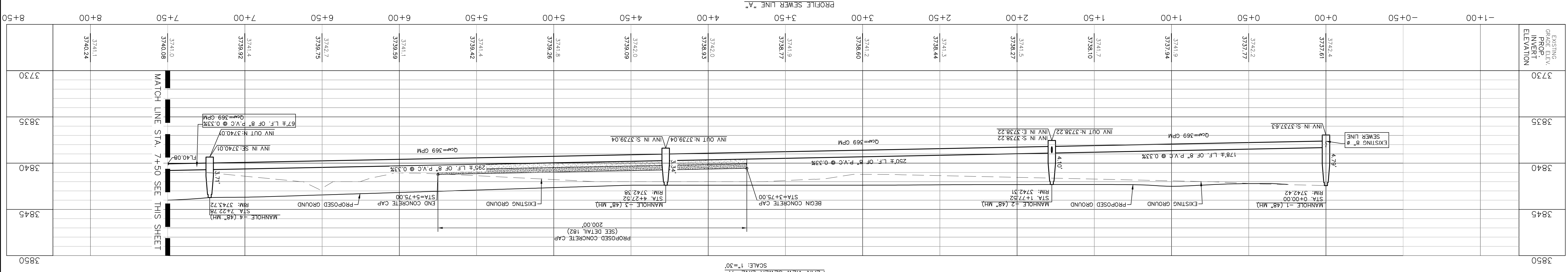
BENCHMARK:  
 CITY MONUMENT LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.50  
 THIS MONUMENT IS 1.17' LOWER THAN THE PUBLISHED ELEVATION OF 3743.67' (ELEVATION = 3742.06' N.A.V.D. 88)  
 ESTABLISHED FROM U.S.S. TRIANGULAR MONUMENT 'S REB', PID NO. C2442

**B BROCK & BUSTILLOS INC.**  
 CONSULTING CIVIL ENGINEERS  
 LAND SURVEYORS  
 417 EXECUTIVE CENTER  
 EL PASO, TEXAS 79902  
 WWW.BROCKBUSTILLOS.COM  
 96582-008 TPE Firm Reg. No.: F-737  
 PH (915) 542-4900  
 FAX (915) 542-2867  
 Date: AUG 2021  
 No. 1  
 S.J.A.  
 S.J.A.  
 Checked: S.J.A.  
 Drawn: I.C.  
 Designed: I.C.

**PASEO DEL RIO SUBDIVISION**  
 TRACTS 150, 1502, 155, 18B, 18B2 AND 18N,  
 BLOCK 6, UPPER VALLEY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
**SEWER PLAN & PROFILES**  
 Job Number: 06582-008  
 Sheet Number: C-11.1



**VOID**  
 SEE REVISSED SHEET NEXT  
 DATE: 8/30/2021  
 BY: [Signature]



**STOP! CALL BEFORE YOU DIG**  
**DIG TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

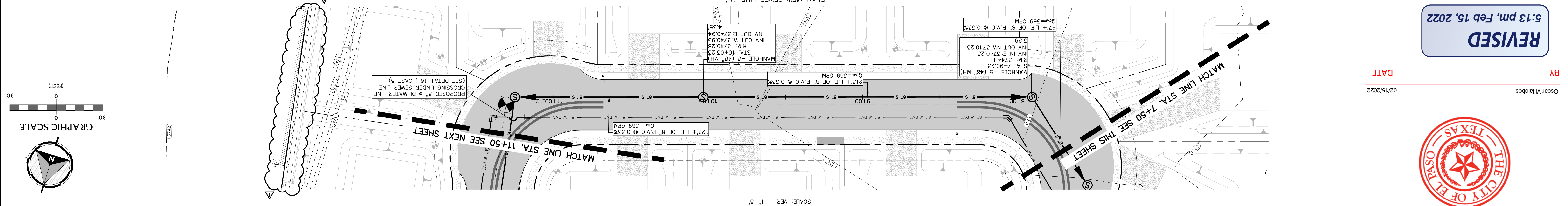
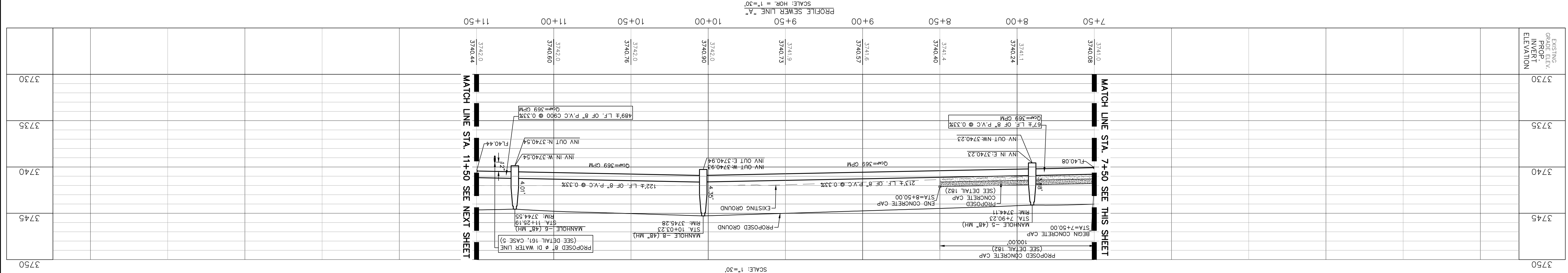
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 EFFECTIVE DATE: 09/04/1991

BENCHMARK:  
 CITY MONUMENT LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.50  
 THIS MONUMENT IS 1.17' LOWER THAN THE PUBLISHED ELEVATION OF 3743.67' FOR THE CITY MONUMENT AT CLAYTON ROAD AND SIXTH DRIVE THE E.P.V.D. WAS ESTABLISHED FROM U.S.S. TRIANGULAR MONUMENT 5 REB, PID NO. C2442 (ELEVATION = 3742.06' N.A.V.D. 88)

**B BROCK & BUSTILLOS INC.**  
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 EL PASO, TEXAS 79902  
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 S.J.A.  
 S.J.A.  
 S.J.A.  
 FEB 2022

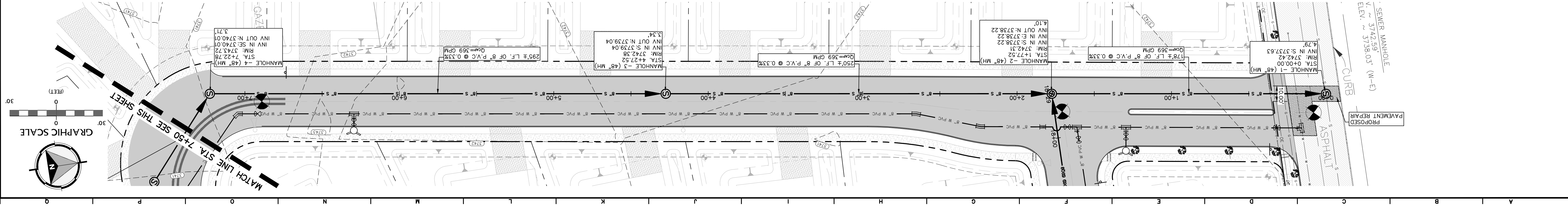
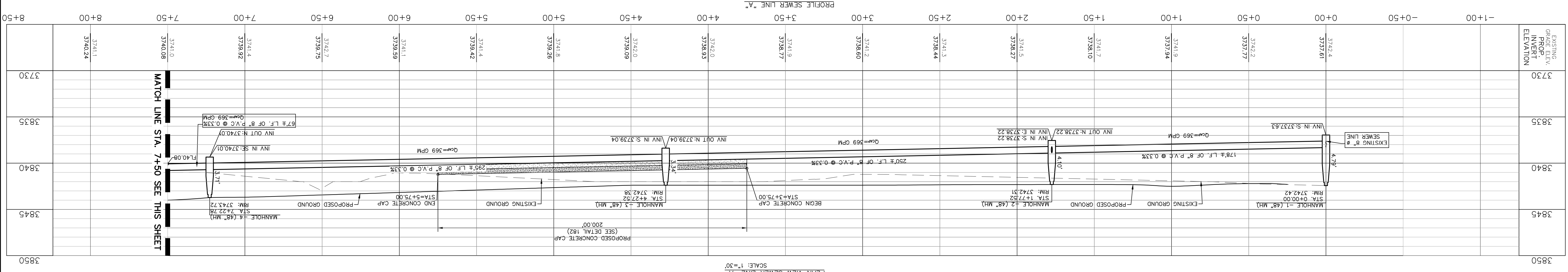
No.	Revision Description	By	Date

**PASEO DEL RIO SUBDIVISION**  
**TRACTS 150, 1502, 155, 18B, 18B2 AND 18N,**  
**BLOCK 6, UPPER VALLEY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**SEWER PLAN & PROFILES**  
 Job Number: 06582-008  
 Sheet Number: C-11.1



**REVISÉD**  
 5:13 pm, Feb 15, 2022

BY Oscar Villalobos  
 DATE 02/15/2022



**STOP!**  
**CALL BEFORE YOU DIG**  
**DIG TESS**  
**1-800-344-8377**  
 (@ least 48 hours prior to excavation)

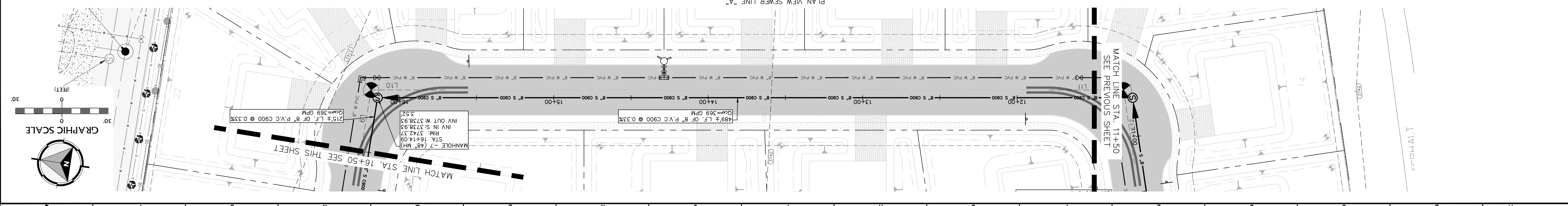
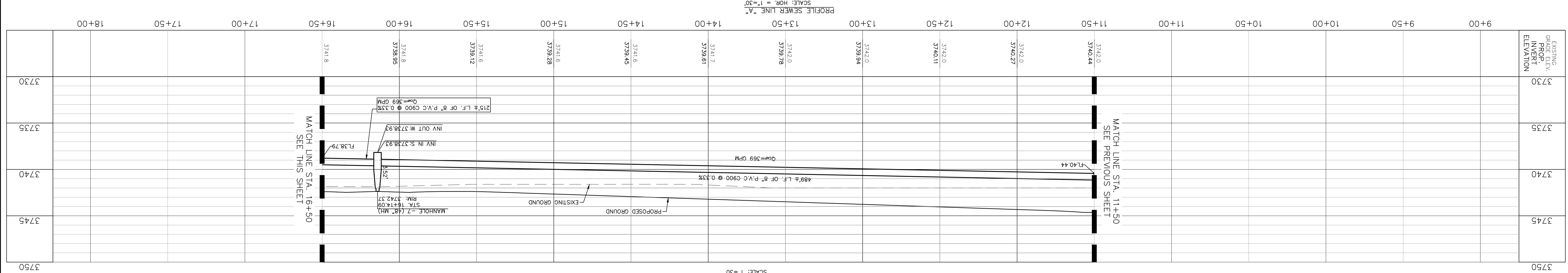
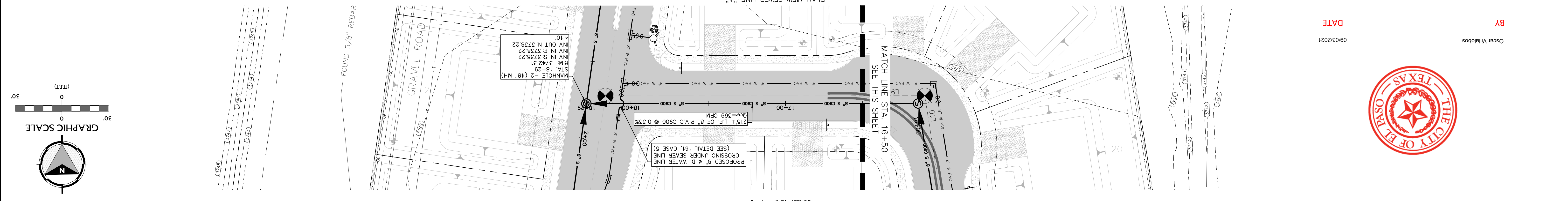
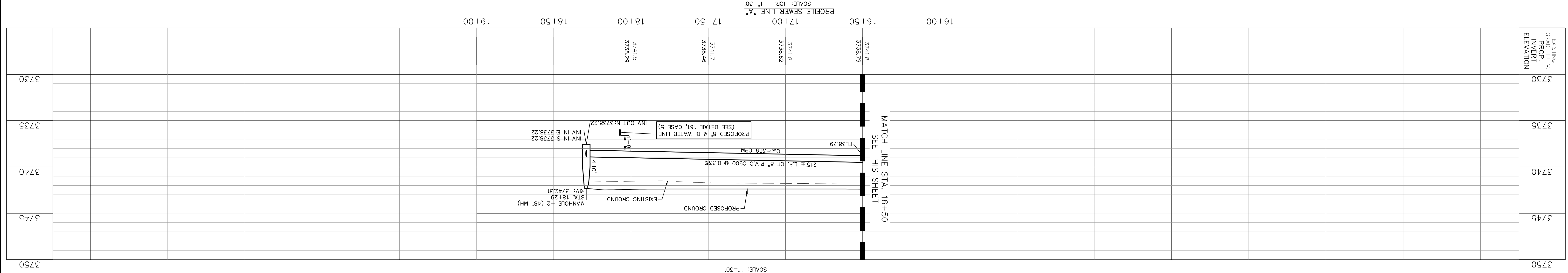
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**BENCHMARK:**  
 SIXTY MOUNTAIN LOCATED AT THE CENTRAL INTERSECTION OF CLAYTON ROAD AND SIXTH DRIVE, CITY OF EL PASO VERTICAL DATUM ELEVATION (E.P.V.D.)=3742.55  
 THIS REQUIRED ELEVATION IS 1.17' LOWER THAN THE PUBLISHED ELEVATION OF 3743.66' ESTABLISHED FROM U.S. NATIONAL MONUMENT "S REEF", PID NO. C26442  
 (ELEVATION = 3742.56' N.A.V.D. 88)  
 BENCH MARK: 88423  
 SERGIO J. ADAME  
 PROFESSIONAL ENGINEER  
 08/25/21

**B BROCK & BUSTILLOS INC.**  
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 Date: AUG 2021  
 No. 1

Revision Description	By	Date

**PASEO DEL RIO SUBDIVISION**  
**TRACTS 15Q, 15Q2, 15S, 18B, 18B2 AND 18N,**  
**BLOCK 6, UPPER VALLEY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS.**  
**SEWER PLAN & PROFILE**  
**C-11.2**  
 Job Number: 06582-008  
 Sheet Number:  



BY Oscar Villalobos  
 DATE 09/03/2021

