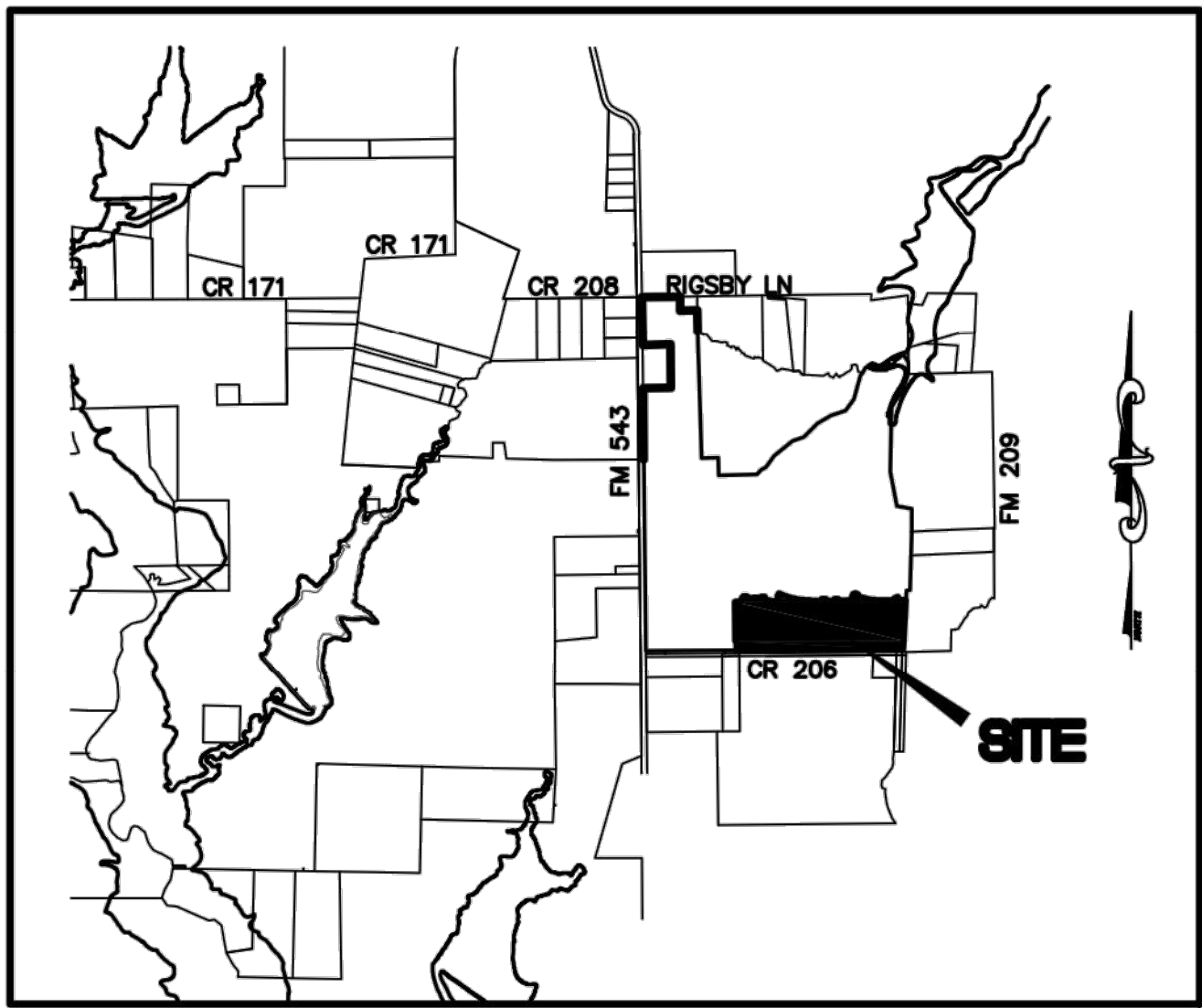


PLANS FOR THE CONSTRUCTION OF
WATER, SANITARY SEWER, STORM DRAIN, PAVING, & GRADING TO SERVE
VENETIAN AT WESTON, PHASE 1
EAST FORK FRESH WATER SUPPLY
DISTRICT NO. 1A, COLLIN COUNTY, TEXAS

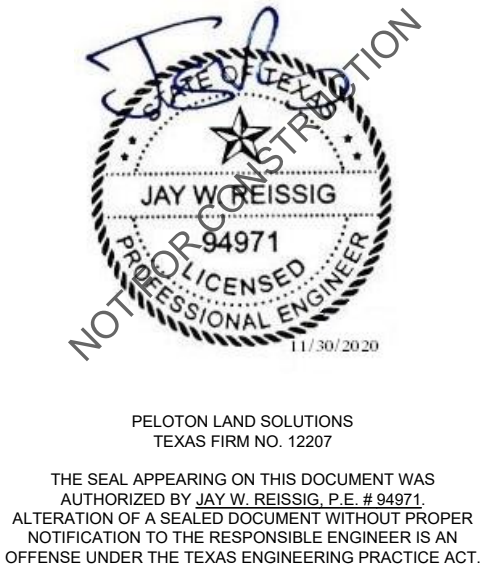


LOCATION MAP
SCALE : N.T.S.



OWNER
HONEYCREEK VENETIAN, LLC
520 CENTRAL PARKWAY EAST, #104
PLANO, TX 75093
(972)422-9880

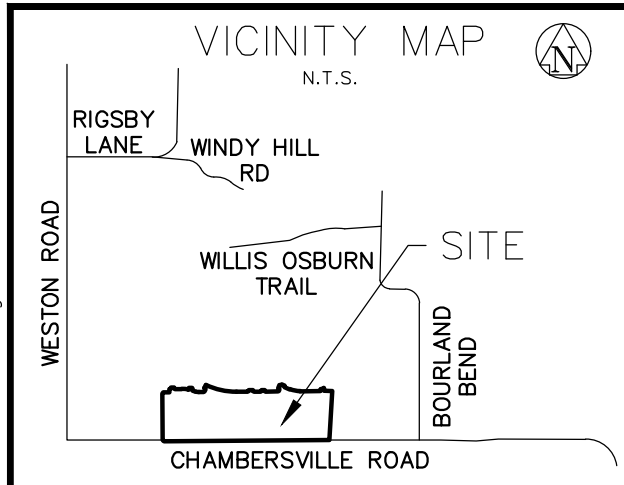
DEVELOPER
HONEYCREEK VENETIAN, LLC
520 CENTRAL PARKWAY EAST, #104
PLANO, TX 75093
(972)422-9880



PELOTON
LAND SOLUTIONS
ENGINEER
PELOTON LAND SOLUTIONS
11000 FRISCO ST., SUITE 400
FRISCO, TEXAS 75033
PHONE #: (469) 213-1800
TBPE FIRM NO. 12207

DECEMBER 2020

| SHEET INDEX | |
|-------------|--|
| SHEET NO. | SHEET TITLE |
| 0.01 | COVER SHEET |
| 0.02 | RECORD PLAT |
| 0.03 | RECORD PLAT |
| 0.04 | GENERAL NOTES - CITY OF WESTON |
| 0.05 | GENERAL NOTES - TCEQ |
| 0.06 | GENERAL NOTES - TCEQ |
| 1.01 | PAVEMENT SECTION DETAILS |
| 1.02 | PAVING PLAN & PROFILE - BOOT STRAP PLACE |
| 1.03 | PAVING PLAN & PROFILE - CONESTOGA PASS (3+00-9+50) |
| 1.04 | PAVING PLAN & PROFILE - CONESTOGA PASS (9+50-END) |
| 1.05 | PAVING PLAN & PROFILE - FENCEROW TRAIL |
| 1.06 | PAVING PLAN & PROFILE - HOOT OWL HOLLOW |
| 1.07 | PAVING PLAN & PROFILE - BARNWOOD TRACE (1+00-9+50) |
| 1.08 | PAVING PLAN & PROFILE - BARNWOOD TRACE (9+50-END) |
| 1.09 | PAVING PLAN & PROFILE - HITCHING POST ROAD |
| 1.10 | PAVING PLAN & PROFILE - GREENBRIAR BOULEVARD |
| 1.11 | PAVING PLAN & PROFILE - OPEN RANGE ROAD |
| 1.12 | PAVING PLAN & PROFILE - RUSTY SPURS PLACE |
| 1.13 | PAVING PLAN & PROFILE - RAIN BARREL PLACE |
| 1.14 | PAVING PLAN & PROFILE - CLOUD COVER VIEW |
| 1.15 | PAVING PLAN & PROFILES - SETTLERS GLEN & FIRELIGHT PLACE |
| 2.01 | GRADING PLAN |
| 2.02 | GRADING PLAN |
| 2.03 | GRADING PLAN |
| 2.04 | OFFSITE GRADING |
| 2.05 | POND GRADING |
| 2.06 | GRADING DETAILS |
| 3.02 | EROSION CONTROL DETAILS |
| 3.01 | STORM PLAN & PROFILE - LINE STM-C1 (16+00-26+00) |
| 3.02 | STORM PLAN & PROFILE - LINE STM-C1 (26+00-END) |
| 3.03 | STORM PLAN & PROFILE - LINE STM-C4 (0+00-5+00) |
| 3.04 | STORM PLAN & PROFILE - LINE STM-C4 (5+00-END) |
| 3.05 | STORM PLAN & PROFILE - LINE STM-C5 |
| 3.06 | STORM PLAN & PROFILE - LINE STM-C10 |
| 3.07 | STORM PLAN & PROFILES - STM GG1 & INTERIM 1 |
| 3.08 | STORM PLAN & PROFILE - LINE STM-G1 |
| 3.09 | STORM PLAN & PROFILE - LINE STM-G2 |
| 3.10 | STORM PROFILES - STM-C1 LATS |
| 3.11 | STORM PROFILES - LINES C & G LATS |
| 3.12 | STORM PROFILES - STM-C4 LATS & STM-C6 |
| 3.13 | POND OUTFALL |
| 4.01 | EXISTING DRAINAGE AREA MAP |
| 4.02 | PROPOSED DRAINAGE AREA MAP |
| 4.03 | INLET CALCULATIONS |
| 4.04 | HYDRAULIC CALCULATIONS |
| 4.05 | HYDRAULIC CALCULATIONS |
| 6.01 | WATER PLAN |
| 6.02 | WATER PLAN |
| 6.03 | WATER PROFILE |
| 7.01 | SANITARY SEWER PLAN |
| 7.02 | SANITARY SEWER PLAN |
| 7.03 | SANITARY SEWER PROFILE - SS-16 & SS-18 |
| 7.04 | SANITARY SEWER PROFILE - SS-17 |
| 7.05 | SANITARY SEWER PROFILE - SS-19 |
| 7.06 | SANITARY SEWER PROFILE - SS-20 |
| 7.07 | SANITARY SEWER PROFILE - SS-23 |
| 7.08 | SANITARY SEWER PROFILE - SS-24 |
| 7.09 | SANITARY SEWER PROFILE - SS-24-2, SS-26, & SS-43 |
| 8.01 | LIGHT AND SIGNAGE PLAN |
| DET | STORM DETAILS |
| DET | WATER DETAILS |
| DET | SEWER DETAILS |
| DET | FLEXAMAT DETAILS |



| CURVE TABLE | | | | |
|-------------|-----------|----------|---------|---------------------|
| NO. | DELTA | RADIUS | LENGTH | CHORD BEARING |
| C1 | 11°53'23" | 495.00' | 102.72' | S84°28'41"E 102.54' |
| C2 | 3°17'43" | 225.00' | 12.94' | S01°13'28"W 12.94' |
| C3 | 16°24'46" | 175.00' | 50.13' | S82°12'57"E 49.96' |
| C4 | 0°45'17" | 1116.00' | 14.70' | N65°01'40"W 14.70' |
| C5 | 25°46'22" | 1066.00' | 479.51' | S77°32'12"E 475.48' |
| C6 | 22°54'50" | 400.00' | 159.97' | S78°57'57"E 158.91' |
| C7 | 6°19'43" | 175.00' | 19.33' | N18°53'49"W 19.32' |
| C8 | 10°48'44" | 225.00' | 42.46' | S16°39'17"E 42.40' |
| C9 | 16°24'51" | 470.00' | 134.65' | S82°12'57"E 134.19' |
| C10 | 11°44'36" | 200.00' | 40.99' | N05°26'55"E 40.92' |
| C11 | 16°24'52" | 200.00' | 57.30' | S82°12'57"E 57.10' |
| C12 | 66°46'45" | 25.00' | 29.14' | N56°11'15"E 27.52' |
| C13 | 2°33'05" | 1091.00' | 48.58' | S65°55'33"E 48.58' |
| C14 | 23°13'17" | 1091.00' | 442.17' | S78°48'44"E 439.15' |
| C15 | 67°05'08" | 25.00' | 29.27' | N56°02'03"E 27.63' |

| CURVE TABLE | | | | |
|-------------|-----------|---------|---------|---------------------|
| NO. | DELTA | RADIUS | LENGTH | CHORD BEARING |
| C16 | 22°54'52" | 425.00' | 169.97' | S78°57'57"E 168.84' |
| C17 | 18°20'45" | 200.00' | 64.04' | N12°53'08"W 63.77' |
| C18 | 6°43'54" | 200.00' | 23.50' | N00°20'48"W 23.48' |
| C19 | 16°24'52" | 200.00' | 57.30' | S82°12'57"E 57.10' |
| C20 | 16°24'52" | 470.00' | 134.65' | S82°12'57"E 134.19' |
| C21 | 90°00'00" | 250.00' | 392.70' | N45°25'23"W 353.55' |
| C22 | 8°00'25" | 500.00' | 69.87' | N07°01'22"E 69.82' |
| C23 | 5°33'57" | 500.00' | 48.57' | N13°48'33"E 48.55' |
| C24 | 17°00'54" | 200.00' | 59.39' | N08°05'04"E 59.18' |
| C25 | 12°18'50" | 500.00' | 102.09' | S09°20'55"W 101.89' |
| C26 | 17°00'54" | 242.50' | 72.01' | S08°05'04"W 71.75' |
| C27 | 5°51'15" | 200.00' | 20.43' | N05°56'47"E 20.43' |
| C28 | 0°17'00" | 200.00' | 0.99' | N09°00'55"E 0.99' |
| C29 | 9°34'47" | 157.50' | 26.33' | N04°22'01"E 26.30' |

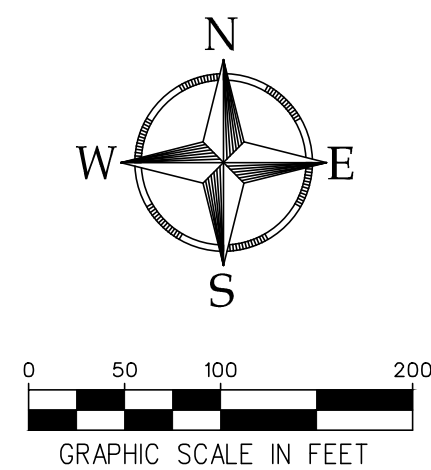
| LINE TABLE | | |
|------------|-------------|---------|
| NO. | BEARING | LENGTH |
| L1 | N45°22'01"W | 28.26' |
| L2 | N89°34'37"E | 15.00' |
| L3 | N44°34'37"E | 14.14' |
| L4 | N00°25'23"W | 15.00' |
| L5 | S00°25'23"E | 15.00' |
| L6 | S45°25'23"E | 14.14' |
| L7 | N89°34'37"E | 100.00' |
| L8 | N51°31'29"E | 12.72' |
| L9 | N00°25'23"W | 18.47' |
| L10 | S00°25'23"E | 19.14' |
| L11 | S34°55'54"E | 15.53' |
| L12 | S74°00'31"E | 43.16' |
| L13 | N89°34'37"E | 74.64' |
| L14 | N56°11'15"E | 16.70' |
| L15 | N22°47'52"E | 34.97' |
| L16 | N21°25'55"W | 14.33' |
| L17 | N44°34'37"E | 119.97' |
| L18 | N00°25'23"W | 9.34' |
| L19 | S00°25'23"E | 9.34' |
| L20 | S45°25'23"E | 21.21' |

| LINE TABLE | | |
|------------|-------------|---------|
| NO. | BEARING | LENGTH |
| L21 | N89°34'37"E | 105.00' |
| L22 | N44°34'37"E | 14.14' |
| L23 | N00°25'23"W | 14.34' |
| L24 | S00°25'23"E | 14.34' |
| L25 | S45°25'23"E | 14.14' |
| L26 | N56°02'03"E | 16.67' |
| L27 | N22°29'29"E | 24.97' |
| L28 | N22°30'31"W | 14.14' |
| L29 | N67°30'31"W | 15.00' |
| L30 | S67°30'31"E | 15.00' |
| L31 | N67°29'29"E | 14.14' |
| L32 | N22°29'29"E | 15.00' |
| L33 | N00°25'23"W | 19.14' |
| L34 | S74°00'31"E | 75.00' |
| L35 | N89°34'37"E | 84.64' |
| L36 | N22°47'52"E | 79.68' |
| L37 | N22°29'29"E | 119.97' |
| L38 | S74°00'31"E | 75.00' |
| L39 | N45°25'23"W | 21.21' |
| L40 | N44°34'37"E | 21.21' |

| LINE TABLE | | |
|------------|-------------|--------|
| NO. | BEARING | LENGTH |
| L41 | N00°25'23"W | 69.40' |
| L42 | N44°34'37"E | 14.14' |
| L43 | N44°34'37"E | 14.14' |
| L44 | S67°01'40"W | 14.32' |
| L45 | S45°25'23"E | 14.13' |
| L46 | N44°34'37"E | 14.13' |
| L47 | S45°25'23"E | 21.19' |
| L48 | N44°34'37"E | 21.20' |
| L49 | S45°25'23"E | 14.16' |
| L50 | N44°34'37"E | 14.14' |
| L51 | N67°29'29"E | 14.14' |
| L52 | S43°42'07"E | 13.72' |
| L53 | N45°25'23"W | 14.14' |
| L54 | S44°34'37"W | 14.14' |
| L55 | N45°25'23"W | 14.14' |
| L56 | S46°17'53"W | 14.56' |
| L57 | N44°34'37"E | 14.14' |
| L58 | S45°25'23"E | 14.14' |
| L59 | N44°34'37"E | 14.14' |
| L60 | S43°42'07"E | 13.72' |
| L61 | S02°56'00"W | 1.41' |

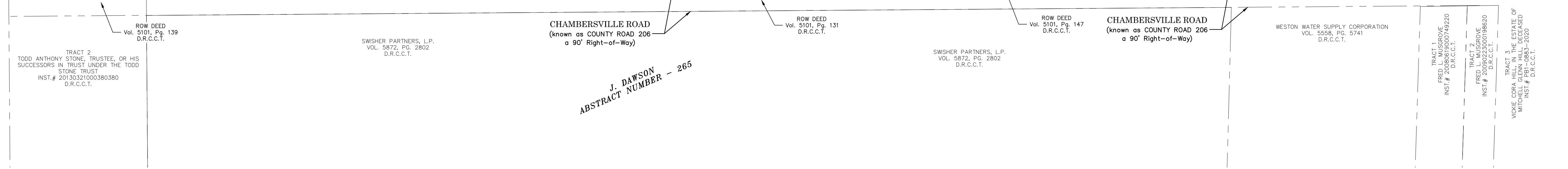
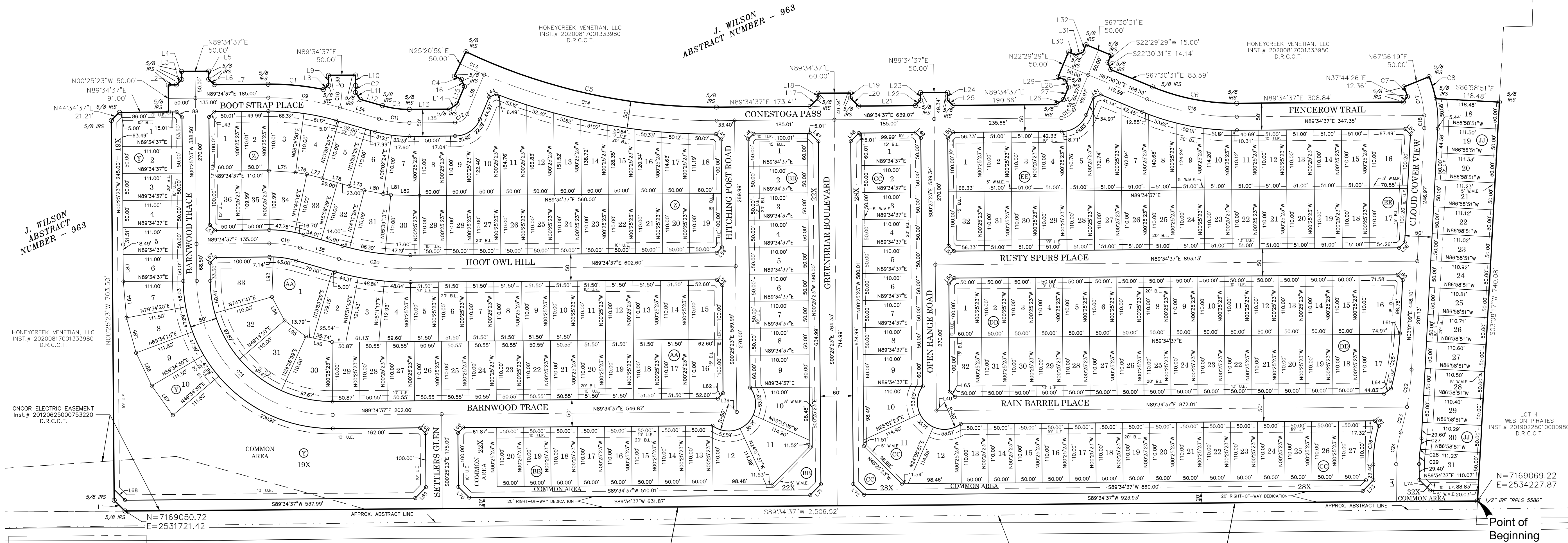
| LINE TABLE | | |
|------------|-------------|--------|
| NO. | BEARING | LENGTH |
| L62 | S44°34'37"W | 14.14' |
| L63 | N45°25'23"W | 14.14' |
| L64 | S52°50'31"W | 16.03' |
| L65 | S45°25'23"E | 14.14' |
| L66 | N44°34'37"E | 14.14' |
| L67 | S37°22'36"E | 12.04' |
| L68 | N45°25'23"W | 28.29' |
| L69 | S44°34'37"W | 28.28' |
| L70 | N45°25'23"W | 28.28' |
| L71 | S44°34'37"W | 28.29' |
| L72 | N45°25'23"W | 28.29' |
| L73 | S44°34'37"W | 28.28' |
| L74 | N45°25'23"W | 28.28' |
| L75 | N86°09'16"W | 49.87' |
| L76 | N80°04'27"W | 21.18' |
| L77 | N75°46'46"W | 29.86' |
| L78 | N74°00'31"W | 52.00' |
| L79 | N74°20'27"W | 28.53' |
| L80 | N78°53'05"W | 35.94' |
| L81 | S83°09'11"E | 13.95' |

| LINE TABLE | | |
|------------|-------------|--------|
| NO. | BEARING | LENGTH |
| L82 | N88°23'28"W | 53.09' |
| L83 | N00°25'23"W | 68.49' |
| L84 | N05°00'06"W | 67.38' |
| L85 | N15°25'38"W | 67.36' |
| L86 | N25°25'33"W | 67.36' |
| L87 | N35°25'28"W | 67.36' |
| L88 | S45°25'23"E | 14.13' |
| L89 | N01°54'46"E | 73.92' |
| L94 | N28°14'29"W | 49.53' |
| L95 | N53°06'51"W | 49.53' |
| L96 | N77°59'12"W | 49.53' |



LEGEND

- B.L. BUILDING LINE
U.E. UTILITY EASEMENT
D.E. DRAINAGE EASEMENT
S.S.E. SANITARY SEWER EASEMENT
W.M.E. WALL MAINTENANCE EASEMENT
IRF IRON ROD FOUND
IRS IRON ROD SET
D.R.C.C.T. DEED RECORDS, COLLIN COUNTY, TEXAS
- 5/8 IRS 5/8 IRON ROD WITH CAP
STAMPED "PELTON" SET



A FINAL PLAT OF
VENETIAN AT WESTON, PHASE 1
204 RESIDENTIAL LOTS,
4 OPEN SPACE / COMMON AREAS 4.177 ACRES
AND RIGHT-OF-WAY DEDICATION 12.268 ACRES
TOTALING 44.579 ACRES
SITUATED IN THE
J. WILSON SURVEY, ABSTRACT NUMBER 963
CITY OF WESTON, COLLIN COUNTY, TEXAS

OWNER/DEVELOPER
HONEYCREEK VENETIAN, LLC
520 CENTRAL PARKWAY
EAST, #104
PLANO, TX 75093
972-422-9880

SURVEYOR
PELTON LAND SOLUTIONS
11000 FRISCO ST., SUITE 400
FRISCO, TEXAS 75033
469-213-1800

ENGINEER
PELTON LAND SOLUTIONS
11000 FRISCO ST., SUITE 400
FRISCO, TEXAS 75033
469-213-1800

| Revisions: | |
|-------------|-----------|
| LEN20001 | MRY/JTC |
| Drawn By: | CSR |
| Checked By: | 12/2/2020 |
| Date: | |

OWNERS CERTIFICATION
STATE OF TEXAS
COUNTY OF COLLIN

WHEREAS, HONEYCREEK VENETIAN, LLC ARE THE OWNERS OF A TRACT OF LAND SITUATED IN THE J. WILSON SURVEY, ABSTRACT NO. 963, COLLIN COUNTY, TEXAS, AND BEING OUT OF A 325.320 ACRE TRACT CONVEYED TO THEM BY HONEYCREEK VENETIAN, LLC AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEING THAT CERTAIN TRACT OF LAND SITUATED IN THE JAMES WILSON SURVEY, ABSTRACT NUMBER 863, COLLIN COUNTY, TEXAS, AND BEING A PART OF HADLEY LAND DESCRIBED IN DEED TO HADLEY LAND OWNERS, L.P., RECORDED IN INSTRUMENT NUMBER 20200817001333980, OF THE DEED RECORDS OF COLLIN COUNTY, TEXAS (D.R.C.C.T.) BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2 INCH IRON ROD STAMPED "RPLS 5586" FOUND FOR THE SOUTHEAST CORNER OF SAID HONEYCREEK VENETIAN, LLC TRACT AND BEING IN THE NORTH RIGHT-OF-WAY LINE OF COUNTY ROAD 206 (A CALLED 90 FOOT WIDE RIGHT-OF-WAY):

THENCE SOUTH 89°34' 37" WEST, 2,506.52 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET ALONG THE SOUTH LINE OF SAID HONEYCREEK VENETIAN, LLC TRACT AND THE NORTH RIGHT-OF-WAY LINE OF SAID COUNTY ROAD 206;

THENCE LEAVING SAID NORTH RIGHT-OF-WAY LINE, OVER AND ACROSS THE ABOVE MENTIONED HONEYCREEK VENETIAN, LLC TRACT, THE FOLLOWING BEARINGS AND DISTANCES:

S 89° 34' 37" W, 2506.52 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 45° 22' 01" W, 28.26 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 00° 25' 23" W, 703.50 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 44° 34' 37" E, 21.21 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 91.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 00° 25' 23" W, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 44° 34' 37" E, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 00° 25' 23" W, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 00° 25' 23" E, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 45° 25' 23" E, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 100.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE RIGHT;

WITH SAID CURVE TO THE RIGHT, HAVING AN ARC DISTANCE OF 102.72 FEET, THROUGH A CENTRAL ANGLE OF 11° 53' 23", HAVING A RADIUS OF 495.00 FEET, AND A LONG CHORD WHICH BEARS S 84° 28' 41" E, 102.54 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

N 51° 31' 29" E, 12.72 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 00° 25' 23" W, 18.47 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 00° 25' 23" E, 19.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE LEFT;

WITH SAID CURVE TO THE LEFT, HAVING AN ARC DISTANCE 12.94 FEET, THROUGH A CENTRAL ANGLE OF 03° 17' 43", HAVING A RADIUS OF 225.00 FEET, AND A LONG CHORD WHICH BEARS S 01° 13' 28" W, 12.94 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

S 34° 55' 54" E, 15.53 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 74° 00' 31" E, 43.16 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE LEFT;

WITH SAID CURVE TO THE LEFT, HAVING AN ARC DISTANCE 50.13 FEET, THROUGH A CENTRAL ANGLE OF 16° 24' 46", HAVING A RADIUS OF 175.00 FEET, AND A LONG CHORD WHICH BEARS S 82° 12' 57" E, 49.96 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

N 89° 34' 37" E, 74.64 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 56° 11' 15" E, 16.70 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 22° 47' 52" E, 34.97 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 21° 25' 55" W, 14.33 FEET TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SAID CURVE TURNING TO THE LEFT THROUGH AN ANGLE OF 00° 45' 17", HAVING A RADIUS OF 1116.00 FEET, AND WHOSE LONG CHORD BEARS N 65° 01' 40" W, 14.70 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

N 25° 20' 59" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE LEFT;

WITH SAID CURVE TO THE LEFT, HAVING AN ARC DISTANCE OF 479.51 FEET, THROUGH A CENTRAL ANGLE OF 25° 46' 22", HAVING A RADIUS OF 1066.00 FEET, AND A LONG CHORD WHICH BEARS S 77° 32' 12" E, 475.48 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

N 89° 34' 37" E, 173.41 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 44° 34' 37" E, 21.21 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 00° 25' 23" W, 9.34 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 60.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 00° 25' 23" E, 9.34 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 45° 25' 23" E, 21.21 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 105.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 44° 34' 37" E, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 00° 25' 23" W, 14.34 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 00° 25' 23" E, 14.34 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 45° 25' 23" E, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 190.66 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 56° 02' 03" E, 16.67 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 22° 29' 29" E, 24.97 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

N 22° 30' 31" W, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 67° 30' 31" W, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 22° 29' 29" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 67° 30' 31" E, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 67° 29' 29" E, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 22° 29' 29" E, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 67° 30' 31" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 22° 29' 29" W, 15.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
S 22° 30' 31" E, 14.14 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

S 67° 30' 31" E, 83.59 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE LEFT;
WITH SAID CURVE TO THE LEFT, HAVING AN ARC DISTANCE OF 159.97 FEET THROUGH A CENTRAL ANGLE OF 22° 54' 50", HAVING A RADIUS OF 400.00 FEET, AND A LONG CHORD WHICH BEARS S 78° 57' 57" E, 158.91 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 89° 34' 37" E, 308.84 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;
N 37° 44' 26" E, 12.36 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE LEFT;

WITH SAID CURVE TO THE LEFT, HAVING AN ARC DISTANCE OF 19.33 FEET, THROUGH A CENTRAL ANGLE OF 06° 19' 43", HAVING A RADIUS OF 175.00 FEET, AND A LONG CHORD WHICH BEARS N 18° 53' 49" W, 19.32 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

N 67° 56' 19" E, 50.00 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET AND THE BEGINNING OF A CURVE TO THE RIGHT;

WITH SAID CURVE TO THE RIGHT, HAVING AN ARC DISTANCE OF 42.46 FEET, THROUGH A CENTRAL ANGLE OF 10° 48' 44", HAVING A RADIUS OF 225.00 FEET, AND A LONG CHORD WHICH BEARS S 16° 39' 17" E, 42.40 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET;

THENCE S 86° 58' 51" E, 118.48 FEET TO A 5/8 INCH IRON ROD WITH CAP STAMPED "PELOTON" SET IN THE EAST LINE OF SAID HONEYCREEK VENETIAN, LLC AND THE WEST LINE OF LOT 4 WESTON PIRATES RECORDED IN INSTRUMENT NUMBER 20190228010000980 OF SAID D.R.C.C.T.;

THENCE S 03° 08' 17" W, 740.08 FEET TO THE POINT OF BEGINNING AND CONTAINING 1,941,857 SQUARE FEET OR 44.579 ACRES OF LAND MORE OR LESS.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

THAT HONEYCREEK VENETIAN, LLC ACTING HEREIN BY AND THROUGH ITS DULY AUTHORIZED OFFICERS, DOES HEREBY CERTIFY AND ADOPT THIS PLAT DESIGNATING THE HEREIN ABOVE DESCRIBED PROPERTY AS VENETIAN AT WESTON, PHASE 1, AN ADDITION TO COLLIN COUNTY, TEXAS AND DOES HEREBY DEDICATE TO THE PUBLIC USE FOREVER, THE STREETS, RIGHTS-OF-WAY, AND OTHER PUBLIC IMPROVEMENTS SHOWN THEREON. THE HONEYCREEK VENETIAN, LLC DOES HEREIN CERTIFY THE FOLLOWING:

1. THE STREETS AND ALLEYS, IF ANY, ARE DEDICATED IN FEE SIMPLE FOR STREET AND ALLEY PURPOSES.
2. ALL PUBLIC IMPROVEMENTS AND DEDICATIONS ARE FREE AND CLEAR OF ALL DEBT, LIENS, AND/OR ENCUMBRANCES.
3. THE EASEMENTS AND PUBLIC USE AREAS, AS SHOWN, AND CREATED BY THIS PLAT, ARE DEDICATED, FOR THE PUBLIC USE FOREVER, FOR THE PURPOSES INDICATED ON THIS PLAT.
4. NO BUILDINGS, FENCES, TREES, SHRUBS OR OTHER IMPROVEMENTS OR GROWTHS SHALL BE CONSTRUCTED OR PLACED UPON, OVER OR ACROSS THE EASEMENTS AS SHOWN, EXCEPT THAT LANDSCAPE IMPROVEMENTS MAY BE PLACED IN LANDSCAPE EASEMENTS.
5. UTILITY EASEMENTS MAY BE USED FOR THE MUTUAL USE AND ACCOMMODATION OF THE ALL PUBLIC UTILITIES DESIRING TO USE OR USING THE SAME UNLESS THE EASEMENT LIMITS THE USE TO PARTICULAR UTILITIES, SAID USE BY PUBLIC UTILITIES BEING SUBORDINATE TO THE PUBLIC'S USE THEREOF.
6. THE PUBLIC UTILITIES SHALL HAVE THE RIGHT TO REMOVE AND KEEP REMOVED ALL OR PARTS OF ANY BUILDINGS, FENCES, TREES, SHRUBS OR OTHER IMPROVEMENTS OR GROWTHS WHICH MAY IN ANY WAY ENDANGER OR INTERFERE WITH THE CONSTRUCTION, MAINTENANCE, OR EFFICIENCY OF THEIR RESPECTIVE SYSTEMS IN SAID EASEMENTS.
7. THE PUBLIC UTILITIES SHALL AT ALL TIMES HAVE THE FULL RIGHT OF INGRESS AND EGRESS TO OR FROM THEIR RESPECTIVE EASEMENT FOR THE PURPOSE OF CONSTRUCTION, RECONSTRUCTING, INSPECTING, PATROLLING, MAINTAINING, READING METERS AND ADDING TO OR REMOVING ALL OR PARTS OF THEIR RESPECTIVE SYSTEMS WITHOUT THE NECESSITY AT ANY TIME OF PROCURING PERMISSION FROM ANYONE.
8. THE OWNERS OF THE LOTS ADJACENT TO OR UPON WHICH DRAINAGE EASEMENTS ARE CREATED BY THIS PLAT OR THE HOMEOWNER'S ASSOCIATION WILL BE RESPONSIBLE FOR THE MAINTENANCE AND OR THE RECONSTRUCTION OF THE DRAINAGE IMPROVEMENTS CONSTRUCTED IN SAID EASEMENTS FOR THE PURPOSE OF ASSURING THE FLOW OF STORM WATER TO THE DEGREE REQUIRED BY THE DESIGN AND ORIGINAL CONSTRUCTION
9. CITY OF WESTON WILL NOT BE RESPONSIBLE FOR MAINTENANCE OR REPAIR OF DRAINAGE IMPROVEMENTS ON PRIVATE LOTS OR ADJACENT THERETO.
10. CITY OF WESTON SHALL HAVE THE FULL RIGHT OF INGRESS AND EGRESS TO OR FROM A DRAINAGE EASEMENT IF NECESSARY TO MAINTAIN OR REPAIR THE EFFECT THE DRAINAGE SYSTEM IN THAT EASEMENT IS HAVING ON THE USE AND MAINTENANCE OF A ROADWAY AND THE DRAINAGE SYSTEMS OF THE ROADWAY.
11. ROADWAYS OF THE SUBDIVISION ARE PUBLIC ROADS AND NEITHER APPLICANT OR ANY FUTURE OWNER HAS THE RIGHT TO OBSTRUCT THE ROADWAYS BY A FENCE, GATE, OR OTHERWISE.
12. ALL MODIFICATIONS TO THIS DOCUMENT SHALL BE BY MEANS OF PLAT AND APPROVED BY THE CITY OF WESTON.
13. THIS PLAT IS SUBJECT TO THE SUBDIVISION REGULATIONS OF THE CITY OF WESTON, TEXAS.
14. PUBLIC FACILITIES CONTAINED HEREIN ARE SUBJECTED TO REIMBURSEMENT BY EAST FORK FWSD NO. 1-A

WITNESS, MY HAND, THIS THE _____DAY OF _____, 20__.

BY:

AUTHORIZED SIGNATURE.

PRINTED NAME AND TITLE.

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, _____.

NOTARY PUBLIC, STATE OF TEXAS

MY COMMISSION EXPIRES: _____

AUTHORIZATION

I/WE HEREBY CERTIFY THAT I/WE AM/ARE THE OWNER(S) OF THE ABOVE DESCRIBED PROPERTY. I/WE AM/ARE RESPECTFULLY REQUESTING PROCESSING AND APPROVAL OF A PLAT APPLICATION FOR THE SUBDIVISION OF THE PROPERTY. I/WE HEREBY AUTHORIZE _____ TO SIGN THE PLAT APPLICATION AND OTHER NECESSARY INSTRUMENTS ON MY/OUR BEHALF, AND TO ACT ON MY/OUR BEHALF DURING THE PROCESSING AND PRESENTATION OF THE PLAT APPLICATION. _____ SHALL BE THE PRINCIPAL CONTACT WITH THE CITY IN PROCESSING THE PLAT APPLICATION.

OWNER(S)

SIGNATURE

PRINTED NAME: _____

DATE: _____

ADDRESS: _____

STATE OF TEXAS
COUNTY OF COLLIN

BEFORE ME, THE UNDERSIGNED AUTHORITY IN AND FOR _____ COUNTY, TEXAS, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON AND OFFICER WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE IS _____, AND THAT HE/SHE IS AUTHORIZED TO EXECUTE THE FOREGOING INSTRUMENT FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED, AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS THE _____ DAY OF _____, 2020.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

TYPE OR PRINT NOTARY'S NAME

MY COMMISSION EXPIRES:_____

CERTIFICATE OF PLAT APPROVAL

APPROVED

City Development Official
City of Weston, Texas

_____ Date

Witness by hand this ____ day of _____, 2020

City Secretary
City of Weston, Texas

CERTIFICATION:

THAT I, CHARLES STEPHEN RAMSEY, DO HEREBY CERTIFY THAT I PREPARED THIS PLAT FROM AN ACTUAL AND ACCURATE SURVEY OF THE LAND AND THAT THE CORNER MONUMENTS SHOWN THEREON AS "SET" WERE PROPERLY PLACED UNDER MY PERSONAL SUPERVISION IN ACCORDANCE WITH THE SUBDIVISION ORDINANCE OF THE CITY OF WESTON.

SIGNATURE OF THE REGISTERED PROFESSIONAL
CHARLES STEPHEN RAMSEY

TEXAS REGISTRATION NO. 6718

"Preliminary, this document shall not be recorded for any purpose and shall not be used or viewed or relied upon as a final survey document." 22 TAC 663.18c
Charles Stephen Ramsey, RPLS 6718
Date: 12/2/2020

STATE OF TEXAS
COUNTY OF COLLIN

BEFORE ME, THE UNDERSIGNED AUTHORITY, A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS THE ____ DAY OF _____, 2020.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES ON:

A FINAL PLAT OF
VENETIAN AT WESTON, PHASE 1
204 RESIDENTIAL LOTS,
4 OPEN SPACE / COMMON AREAS 4.177 ACRES
AND RIGHT-OF-WAY DEDICATION 12.268 ACRES
TOTALING 44.579 ACRES
SITUATED IN THE
J. WILSON SURVEY, ABSTRACT NUMBER 963
CITY OF WESTON, COLLIN COUNTY, TEXAS

OWNER/DEVELOPER
HONEYCREEK VENETIAN, LLC
520 CENTRAL PARKWAY
EAST, #104
PLANO, TX 75093
972-422-9880

SURVEYOR
PELOTON LAND SOLUTIONS
11000 FRISCO ST., SUITE 400
FRISCO, TEXAS 75033
469-213-1800

ENGINEER
PELOTON LAND SOLUTIONS
11000 FRISCO ST., SUITE 400
FRISCO, TEXAS 75033
469-213-1800

| | | | | |
|------------|----------|-----------|-----------|-------------|
| Revisions: | | | | |
| | | | | |
| | | | | |
| | | | | |
| Job #: | LENZ0001 | Drawn By: | MRY/JTC | Checked By: |
| | | | CSR | Date: |
| | | | 12/2/2020 | |

PELOTON
LAND SOLUTIONS

11000 FRISCO ST, SUITE 400 FRISCO, TX 75033 PH.# 469-213-1800

SHEET

2

OF 2 SHEETS

Drawing: J:\Utilities\20001 - Utilities at Weston\Phase 1\CityCAD\LEN20001-C-GEN
User: jay.w.reissig
Last Saved: 12/10/2020 12:51 AM
Plot Date/Time: 12/20/2020 3:33 PM

CITY OF WESTON
ENGINEERING DESIGN MANUAL
APPENDIX B
GENERAL NOTES

GENERAL

- All construction shall be in accordance with the North Central Texas Council of Governments Standard Specifications for Public Works Construction.
- Before beginning construction, the contractor shall prepare a construction sequence schedule. The construction sequence schedule shall be such that there is the minimum interference with traffic along or adjacent to the project.
- Construction may not begin earlier than 7:00 A.M. on weekdays nor continued after dark without permission from the City of Weston. Construction on Saturday may not begin before 8:00 A.M. and work on Sunday is prohibited without special permission.
- The contractor is responsible for verifying the location of all underground utilities and structures and protecting them from damage during construction.
- Work may not be backfilled or covered until it has been inspected by the City.
- Material testing shall be performed by and independent testing laboratory and paid for by the Contractor.
- All excavation on the project is unclassified.
- Temporary erosion control shall be used to minimize the spread of silt and mud from the project on to existing streets, alleys, drainage ways and public and private property. Temporary erosion controls may include straw bales, berms, dikes, swales, strips of undisturbed vegetation, check dams and other methods as required by the City of Weston.
- Finished Slopes on public rights-of-way and easements shall not be steeper than 4:1. All slopes steeper than 6:1 shall be hydro mulched and maintained by the contractor until grass covers all parts of the slope.
- The contractor shall maintain two-way traffic at all times along the project.
- Remove, salvage and replace all street and traffic control signs which may be damaged by the construction of the project.
- All trenching and excavation shall be performed in accordance with OSHA standards.
- All fill for public improvements (pavement, drainage, and utilities) shall be compacted to a minimum of 95% maximum density at a minimum moisture of +2% or higher of optimum moisture as determined by ASTM D-698.

B-1

PAVING

- All embankments shall be compacted to 95% Standard Proctor Density.
- All streets and alleys shall be placed on lime stabilized subgrade with a lime content of not less than 6%.
- Concrete pavement shall be a Class C six sack mix with a 28 day compressive strength not less than 3600 psi and shall be air entrained. Water may not be applied to the surface of concrete paving to improve workability.
- All curb and gutter shall be integral with the pavement.
- All street pavement must be cross-sloped or constructed on a parabolic crown section.
- Streets and alleys shall be constructed with provisions for sidewalk ramps at all intersections.
- Fly ash may not be used in place of cement.

DRAINAGE

- Storm sewer pipe shall be reinforced concrete, Class III unless otherwise noted.
- All structural concrete shall be Class "C" (3600 PSI compressive strength at 28 days), air entrained.
- The Contractor shall install plugs in storm sewer lines or otherwise prevent mud from entering the storm sewer system during construction.

WATER AND SANITARY SEWER

- Water mains shall be AWWA C-900 PVC class 150 unless otherwise noted. Minimum cover for waterlines is 48" or as required to clear existing utilities, whichever is greater.
- Marking tape shall be installed over PVC water lines.
- Fittings for PVC water lines shall be ductile iron and be encased in a polyethylene sheath.
- Valves shall be resilient seat gate valves.
- All direct burial valves shall be provided with cast iron valve boxes with PVC stacks. Valve stacks shall be vertical and concentric with the valve stem. Stainless steel valve extensions are required on all valves where the operating nut is greater than 4 feet below finished grade.
- Fire hydrants shall be field painted per City of Weston specifications.
- All exposed bolting on any buried equipment or material shall be stainless steel. Included are:

B-2

- Bonnet and stuffing box bolts on valves
- Shoe bolts on Fire Hydrants
- Flange bolts

"Cor-ten" mechanical joint "T" bolts are acceptable for direct burial service.

- Meter boxes shall be as approved by the City of Weston. Contact the City Engineer for specifications.
- Sanitary sewer mains shall be SDR 26 PVC.
- The contractor shall install and maintain water tight plugs in all connections to the City's sanitary sewer system until the project is accepted by the City.
- All sanitary sewer lines and manholes shall be leak tested before the project is accepted. Deflection testing of PVC sewer lines is required.
- All sanitary sewer manholes shall be made with ConShield or approved equal additive to concrete.
- All sanitary sewer manholes shall have joints protected with Gator Wrap or approved equal.
- All fittings for pressure pipe to be full body.

B-3

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

GENERAL NOTES - CITY OF
WESTON

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 0.04 |
| REVIEWER: JWR | | | |

VENETIAN AT WESTON PHASE 1

FIRST SUBMITTAL

Drawing: J:\Utilities\20001 - Venetian at Weston\Phase 1\Civil\LEN20001-C-GEN
User: JWR
Last Saved: 12/10/2020 12:51 AM
Plot Date/Time: 12/20/2020 3:33 PM

TCEQ WATER DISTRIBUTION SYSTEM
GENERAL CONSTRUCTION NOTES

- This water distribution system must be constructed in accordance with the current Texas Commission on Environmental Quality (TCEQ) Rules and Regulations for Public Water Systems 30 Texas Administrative Code (TAC) Chapter 290 Subchapter D. When conflicts are noted with local standards, the more stringent requirement shall be applied. At a minimum, construction for public water systems must always meet TCEQ's "Rules and Regulations for Public Water Systems."
- All newly installed pipes and related products must conform to American National Standards Institute (ANSI)/NSF International Standard 61 and must be certified by an organization accredited by ANSI [§290.44(a)(1)].
- Plastic pipe for use in public water systems must bear the NSF International Seal of Approval (NSF-pw) and have an ASTM design pressure rating of at least 150 psi or a standard dimension ratio of 26 or less [§290.44(a)(2)].
- No pipe which has been used for any purpose other than the conveyance of drinking water shall be accepted or relocated for use in any public drinking water supply [§290.44(a)(3)].
- All water line crossings of wastewater mains shall be perpendicular [§290.44(e)(4)(B)].
- Water transmission and distribution lines shall be installed in accordance with the manufacturer's instructions. However, the top of the water line must be located below the frost line and in no case shall the top of the water line be less than 24 inches below ground surface [§290.44(a)(4)].
- The maximum allowable lead content of pipes, pipe fittings, plumbing fittings, and fixtures is 0.25 percent [§290.44(b)].
- The contractor shall install appropriate air release devices with vent openings to the atmosphere covered with 16-mesh or finer, corrosion resistant screening material or an acceptable equivalent [§290.44(d)(1)].
- The contractor shall not place the pipe in water or where it can be flooded with water or sewage during its storage or installation [§290.44(f)(1)].
- When waterlines are laid under any flowing or intermittent stream or semi-permanent body of water the waterline shall be installed in a separate watertight pipe encasement. Valves must be provided on each side of the crossing with facilities to allow the underwater portion of the system to be isolated and tested [§290.44(f)(2)].

Revised February 2019

Page 1 of 3

- Pursuant to 30 TAC §290.44(a)(5), the hydrostatic leakage rate shall not exceed the amount allowed or recommended by the most current AWWA formulas for PVC pipe, cast iron and ductile iron pipe. Include the formulas in the notes on the plans.
 - The hydrostatic leakage rate for polyvinyl chloride (PVC) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in America Water Works Association (AWWA) C-605 as required in 30 TAC §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

$$Q = \frac{LD\sqrt{P}}{148,000}$$

Where:

- Q = the quantity of makeup water in gallons per hour,
- L = the length of the pipe section being tested, in feet,
- D = the nominal diameter of the pipe in inches, and
- P = the average test pressure during the hydrostatic test in pounds per square inch (psi).

- The hydrostatic leakage rate for ductile iron (DI) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in America Water Works Association (AWWA) C-600 as required in 30 TAC §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

$$L = \frac{SD\sqrt{P}}{148,000}$$

Where:

- L = the quantity of makeup water in gallons per hour,
- S = the length of the pipe section being tested, in feet,
- D = the nominal diameter of the pipe in inches, and
- P = the average test pressure during the hydrostatic test in pounds per square inch (psi).

- The contractor shall maintain a minimum separation distance in all directions of nine feet between the proposed waterline and wastewater collection facilities including manholes. If this distance cannot be maintained, the contractor must immediately notify the project engineer for further direction. Separation distances, installation methods, and materials utilized must meet §290.44(e)(1)-(4).
- The separation distance from a potable waterline to a wastewater main or lateral manhole or cleanout shall be a minimum of nine feet. Where the nine-foot separation distance cannot be achieved, the potable waterline shall be encased in a joint of at least 150 psi pressure class pipe at least 18 feet long and two nominal sizes larger than the new conveyance. The space around the carrier pipe shall be supported at five-foot intervals with spacers or be filled to the springline with washed sand. The encasement pipe shall be centered on the crossing and both ends sealed with cement grout or manufactured sealant [§290.44(e)(5)].
- Fire hydrants shall not be installed within nine feet vertically or horizontally of any wastewater line, wastewater lateral, or wastewater service line regardless of construction [§290.44(e)(6)].

Revised February 2019

Page 2 of 3

- Suction mains to pumping equipment shall not cross wastewater mains, wastewater laterals, or wastewater service lines. Raw water supply lines shall not be installed within five feet of any tile or concrete wastewater main, wastewater lateral, or wastewater service line [§290.44(e)(7)].
- Waterlines shall not be installed closer than ten feet to septic tank drainfields [§290.44(e)(8)].
- The contractor shall disinfect the new waterlines in accordance with AWWA Standard C-651-14 or most recent, then flush and sample the lines before being placed into service. Samples shall be collected for microbiological analysis to check the effectiveness of the disinfection procedure which shall be repeated if contamination persists. A minimum of one sample for each 1,000 feet of completed waterline will be required or at the next available sampling point beyond 1,000 feet as designated by the design engineer [§290.44(f)(3)].
- Dechlorination of disinfecting water shall be in strict accordance with current AWWA Standard C655-09 or most recent.

Revised February 2019

Page 3 of 3

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

GENERAL NOTES - TCEQ

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 0.05 |
| REVIEWER: JWR | | | |

VENETIAN AT WESTON PHASE 1

FIRST SUBMITTAL

Drawing: J:\Utilities\20001 - Wiggins at Weston\Phase 1\Gen\GEN000001-C-GEN
Last Saved: 10/10/2020 12:51 AM
Plot Date/Time: 12/29/2021 3:31 PM

Texas Commission on Environmental Quality
Organized Sewage Collection System
General Construction Notes

Edwards Aquifer Protection Program Construction Notes – Legal Disclaimer

The following listed "construction notes" are intended to be advisory in nature only and do not constitute an approval or conditional approval by the Executive Director, nor do they constitute a comprehensive listing of rules or conditions to be followed during construction. Further actions may be required to achieve compliance with TCEQ regulations found in Title 30, Texas Administrative Code, Chapters 213 and 217, as well as local ordinances and regulations providing for the protection of water quality. Additionally, nothing contained in the following listed "construction notes" restricts the powers of the Executive Director, the commission or any other governmental entity to prevent, correct, or curtail activities that result or may result in pollution of the Edwards Aquifer or hydrologically connected surface waters. The holder of any Edwards Aquifer Protection Plan containing "construction notes" is still responsible for compliance with Title 30, Texas Administrative Code, Chapters 213 or any other applicable TCEQ regulation, as well as all conditions of an Edwards Aquifer Protection Plan through all phases of plan implementation. Failure to comply with any condition of the Executive Director's approval, whether or not in contradiction of any "construction notes," is a violation of TCEQ regulations and any violation is subject to administrative rules, orders, and penalties as provided under Title 30, Texas Administrative Code § 213.10 (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. The following listed "construction notes" in no way represent an approved exception by the Executive Director to any part of Title 30 Texas Administrative Code, Chapters 213 and 217, or any other TCEQ applicable regulation.

- This Organized Sewage Collection System (SCS) must be constructed in accordance with 30 Texas Administrative Code (TAC) §213.5(c), the Texas Commission on Environmental Quality's (TCEQ) Edwards Aquifer Rules and any local government standard specifications.
- All contractors conducting regulated activities associated with this proposed regulated project must be provided with copies of the SCS plan and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractors must be required to keep on-site copies of the plan and the approval letter.
- A written notice of construction must be submitted to the presiding TCEQ regional office at least 48 hours prior to the start of any regulated activities. This notice must include:
 - the name of the approved project;
 - the activity start date; and
 - the contact information of the prime contractor.
- Any modification to the activities described in the referenced SCS application following the date of approval may require the submittal of an SCS application to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval.
- Prior to beginning any construction activity, all temporary erosion and sedimentation (E&S) control measures must be properly installed and maintained in accordance with the manufacturers specifications. These controls must remain in place until the disturbed areas have been permanently stabilized.
- If any sensitive features are discovered during the wastewater line trenching activities, all regulated activities near the sensitive feature must be suspended immediately. The applicant must immediately notify the appropriate regional office of the TCEQ of the feature discovered. A geologist's assessment of the location and extent of the feature discovered must be reported to that regional office in writing and the applicant must submit a plan for ensuring the structural integrity of the sewer line or for modifying the proposed collection system alignment around the feature. The regulated activities near the sensitive feature may not proceed until the

TCEQ-0596 (Rev. July 15, 2015)

Page 1 of 6

executive director has reviewed and approved the methods proposed to protect the sensitive feature and the Edwards Aquifer from any potentially adverse impacts to water quality while maintaining the structural integrity of the line.

- Sewer lines located within or crossing the 5-year floodplain of a drainage way will be protected from inundation and stream velocities which could cause erosion and scouring of backfill. The trench must be capped with concrete to prevent scouring of backfill, or the sewer lines must be encased in concrete. All concrete shall have a minimum thickness of 6 inches.
 - Blasting procedures for protection of existing sewer lines and other utilities will be in accordance with the National Fire Protection Association criteria. Sand is not allowed as bedding or backfill in trenches that have been blasted. If any existing sewer lines are damaged, the lines must be repaired and retested.
 - All manholes constructed or rehabilitated on this project must have watertight size on size resilient connectors allowing for differential settlement. If manholes are constructed within the 100-year floodplain, the cover must have a gasket and be bolted to the ring. Where gasketed manhole covers are required for more than three manholes in sequence or for more than 1500 feet, alternate means of venting will be provided. Bricks are not an acceptable construction material for any portion of the manhole.
- The diameter of the manholes must be a minimum of four feet and the manhole for entry must have a minimum clear opening diameter of 30 inches. These dimensions and other details showing compliance with the commission's rules concerning manholes and sewer line/manhole inverts described in 30 TAC §217.55 are included on Plan Sheet __ of __.
- It is suggested that entrance into manholes in excess of four feet deep be accomplished by means of a portable ladder. The inclusion of steps in a manhole is prohibited.
- Where water lines and new sewer line are installed with a separation distance closer than nine feet (i.e., water lines crossing wastewater lines, water lines paralleling wastewater lines, or water lines next to manholes) the installation must meet the requirements of 30 TAC §217.53(d) (Pipe Design) and 30 TAC §290.44(e) (Water Distribution).
 - Where sewers lines deviate from straight alignment and uniform grade all curvature of sewer pipe must be achieved by the following procedure which is recommended by the pipe manufacturer: _____.
- If pipe flexure is proposed, the following method of preventing deflection of the joint must be used: _____.
- Specific care must be taken to ensure that the joint is placed in the center of the trench and properly bedded in accordance with 30 TAC §217.54.

- New sewage collection system lines must be constructed with stub outs for the connection of anticipated extensions. The location of such stub outs must be marked on the ground such that their location can be easily determined at the time of connection of the extensions. Such stub outs must be manufactured wyes or tees that are compatible in size and material with both the sewer line and the extension. At the time of original construction, new stub-outs must be constructed sufficiently to extend beyond the end of the street pavement. All stub-outs must be sealed with a manufactured cap to prevent leakage. Extensions that were not anticipated at the time of original construction or that are to be connected to an existing sewer line not furnished with stub outs must be connected using a manufactured saddle and in accordance with accepted plumbing techniques.

TCEQ-0596 (Rev. July 15, 2015)

Page 2 of 6

If no stub-out is present an alternate method of joining laterals is shown in the detail on Plan Sheet __ of __. (For potential future laterals).

The private service lateral stub-outs must be installed as shown on the plan and profile sheets on Plan Sheet __ of __ and marked after backfilling as shown in the detail on Plan Sheet __ of __.

- Trenching, bedding and backfill must conform with 30 TAC §217.54. The bedding and backfill for flexible pipe must comply with the standards of ASTM D-2321, Classes IA, IB, II or III. Rigid pipe bedding must comply with the requirements of ASTM C 12 (ANSI A 106.2) classes A, B or C.
- Sewer lines must be tested from manhole to manhole. When a new sewer line is connected to an existing stub or clean-out, it must be tested from existing manhole to new manhole. If a stub or clean-out is used at the end of the proposed sewer line, no private service attachments may be connected between the last manhole and the cleanout unless it can be certified as conforming with the provisions of 30 TAC §213.5(c)(3)(E).
- All sewer lines must be tested in accordance with 30 TAC §217.57. The engineer must retain copies of all test results which must be made available to the executive director upon request. The engineer must certify in writing that all wastewater lines have passed all required testing to the appropriate regional office within 30 days of test completion and prior to use of the new collection system. Testing method will be:
 - For a collection system pipe that will transport wastewater by gravity flow, the design must specify an infiltration and exfiltration test or a low-pressure air test. A test must conform to the following requirements:
 - Low Pressure Air Test.**
 - A low pressure air test must follow the procedures described in American Society For Testing And Materials (ASTM) C-828, ASTM C-924, or ASTM F-1417 or other procedure approved by the executive director, except as to testing times as required in Table C.3 in subparagraph (C) of this paragraph or Equation C.3 in subparagraph (B)(ii) of this paragraph.
 - For sections of collection system pipe less than 36 inch average inside diameter, the following procedure must apply, unless a pipe is to be tested as required by paragraph (2) of this subsection.
 - A pipe must be pressurized to 3.5 pounds per square inch (psi) greater than the pressure exerted by groundwater above the pipe.
 - Once the pressure is stabilized, the minimum time allowable for the pressure to drop from 3.5 psi gauge to 2.5 psi gauge is computed from the following equation:

$$\text{Equation C.3} \quad T = \frac{0.085 \times D \times K}{Q}$$

Where:

T = time for pressure to drop 1.0 pound per square inch gauge in seconds
K = 0.000419 X D X L, but not less than 1.0
D = average inside pipe diameter in inches

TCEQ-0596 (Rev. July 15, 2015)

Page 3 of 6

L = length of line of same size being tested, in feet
Q = rate of loss, 0.0015 cubic feet per minute per square foot internal surface

- Since a K value of less than 1.0 may not be used, the minimum testing time for each pipe diameter is shown in the following Table C.3:

| Pipe Diameter (inches) | Minimum Time (seconds) | Maximum Length for Minimum Time (feet) | Time for Longer Length (seconds/foot) |
|------------------------|------------------------|--|---------------------------------------|
| 6 | 340 | 398 | 0.855 |
| 8 | 454 | 298 | 1.520 |
| 10 | 567 | 239 | 2.374 |
| 12 | 680 | 199 | 3.419 |
| 15 | 850 | 159 | 5.342 |
| 18 | 1020 | 133 | 7.693 |
| 21 | 1190 | 114 | 10.471 |
| 24 | 1360 | 100 | 13.676 |
| 27 | 1530 | 88 | 17.309 |
| 30 | 1700 | 80 | 21.369 |
| 33 | 1870 | 72 | 25.856 |

- An owner may stop a test if no pressure loss has occurred during the first 25% of the calculated testing time.
 - If any pressure loss or leakage has occurred during the first 25% of a testing period, then the test must continue for the entire test duration as outlined above or until failure.
 - Wastewater collection system pipes with a 27 inch or larger average inside diameter may be air tested at each joint instead of following the procedure outlined in this section.
 - A testing procedure for pipe with an inside diameter greater than 33 inches must be approved by the executive director.
- Infiltration/Exfiltration Test.**
 - The total exfiltration, as determined by a hydrostatic head test, must not exceed 50 gallons per inch of diameter per mile of pipe per 24 hours at a minimum test head of 2.0 feet above the crown of a pipe at an upstream manhole.
 - An owner shall use an infiltration test in lieu of an exfiltration test when pipes are installed below the groundwater level.
 - The total exfiltration, as determined by a hydrostatic head test, must not exceed 50 gallons per inch diameter per mile of pipe per 24 hours at a minimum test head of two feet above the crown of a pipe at an upstream manhole, or at least two feet above existing groundwater level, whichever is greater.
 - For construction within a 25-year flood plain, the infiltration or exfiltration must not exceed 10 gallons per inch diameter per mile of pipe per 24 hours at the same minimum test head as in subparagraph (C) of this paragraph.
 - If the quantity of infiltration or exfiltration exceeds the maximum quantity specified, an owner shall undertake remedial action in order to reduce

TCEQ-0596 (Rev. July 15, 2015)

Page 4 of 6

the infiltration or exfiltration to an amount within the limits specified. An owner shall retest a pipe following a remediation action.

- If a gravity collection pipe is composed of flexible pipe, deflection testing is also required. The following procedures must be followed:
 - For a collection pipe with inside diameter less than 27 inches, deflection measurement requires a rigid mandrel.
 - Mandrel Sizing.**
 - A rigid mandrel must have an outside diameter (OD) not less than 95% of the base inside diameter (ID) or average ID of a pipe, as specified in the appropriate standard by the ASTMs, American Water Works Association, UNI-BELL, or American National Standards Institute, or any related appendix.
 - If a mandrel sizing diameter is not specified in the appropriate standard, the mandrel must have an OD equal to 95% of the ID of a pipe. In this case, the ID of the pipe, for the purpose of determining the OD of the mandrel, must equal be the average outside diameter minus two minimum wall thicknesses for OD controlled pipe and the average inside diameter for ID controlled pipe.
 - All dimensions must meet the appropriate standard.
 - Mandrel Design.**
 - A rigid mandrel must be constructed of a metal or a rigid plastic material that can withstand 200 psi without being deformed.
 - A mandrel must have nine or more odd number of runners or legs.
 - A barrel section length must equal at least 75% of the inside diameter of a pipe.
 - Each size mandrel must use a separate proving ring.
 - Method Options.**
 - An adjustable or flexible mandrel is prohibited.
 - A test may not use television inspection as a substitute for a deflection test.
 - If requested, the executive director may approve the use of a deflectometer or a mandrel with removable legs or runners on a case-by-case basis.

- For a gravity collection system pipe with an inside diameter 27 inches and greater, other test methods may be used to determine vertical deflection.
- A deflection test method must be accurate to within plus or minus 0.2% deflection.
- An owner shall not conduct a deflection test until at least 30 days after the final backfill.
- Gravity collection system pipe deflection must not exceed five percent (5%).
- If a pipe section fails a deflection test, an owner shall correct the problem and conduct a second test after the final backfill has been in place at least 30 days.

- All manholes must be tested to meet or exceed the requirements of 30 TAC §217.58.
 - All manholes must pass a leakage test.
 - An owner shall test each manhole (after assembly and backfilling) for leakage, separate and independent of the collection system pipes, by hydrostatic exfiltration testing, vacuum testing, or other method approved by the executive director.
- Hydrostatic Testing.

TCEQ-0596 (Rev. July 15, 2015)

Page 5 of 6

- All private service laterals must be inspected and certified in accordance with 30 TAC §213.5(c)(3)(I). After installation of and, prior to covering and connecting a private service lateral to an existing organized sewage collection system, a Texas Licensed Professional Engineer, Texas Registered Sanitarian, or appropriate city inspector must visually inspect the private service lateral and the connection to the sewage collection system, and certify that it is constructed in conformity with the applicable provisions of this section. The owner of the collection system must maintain such certifications for five years and forward copies to the appropriate regional office upon request. Connections may only be made to an approved sewage collection system.

| | |
|--|---|
| Austin Regional Office 12100 Park 35 Circle, Building A Austin, Texas 78753-1808 Phone (512) 339-2929 Fax (512) 339-3795 | San Antonio Regional Office 14250 Judson Road San Antonio, Texas 78233-4480 Phone (210) 490-3096 Fax (210) 545-4329 |
|--|---|

THESE GENERAL CONSTRUCTION NOTES MUST BE INCLUDED ON THE CONSTRUCTION PLANS PROVIDED TO THE CONTRACTOR AND ALL SUBCONTRACTORS.

TCEQ-0596 (Rev. July 15, 2015)

Page 6 of 6

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 64971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

GENERAL NOTES - TCEQ

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 0.06 |
| REVIEWER: JWR | | | |

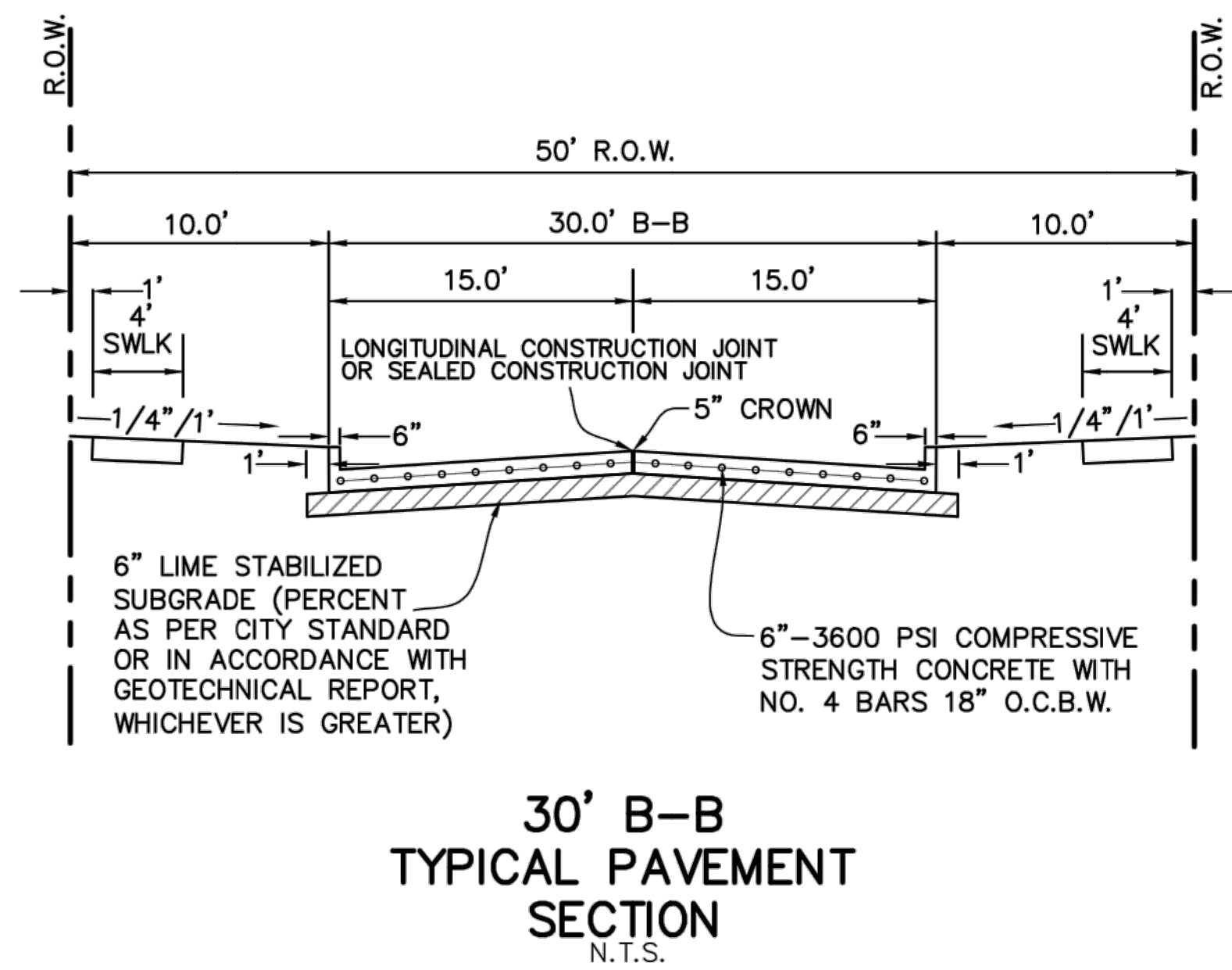
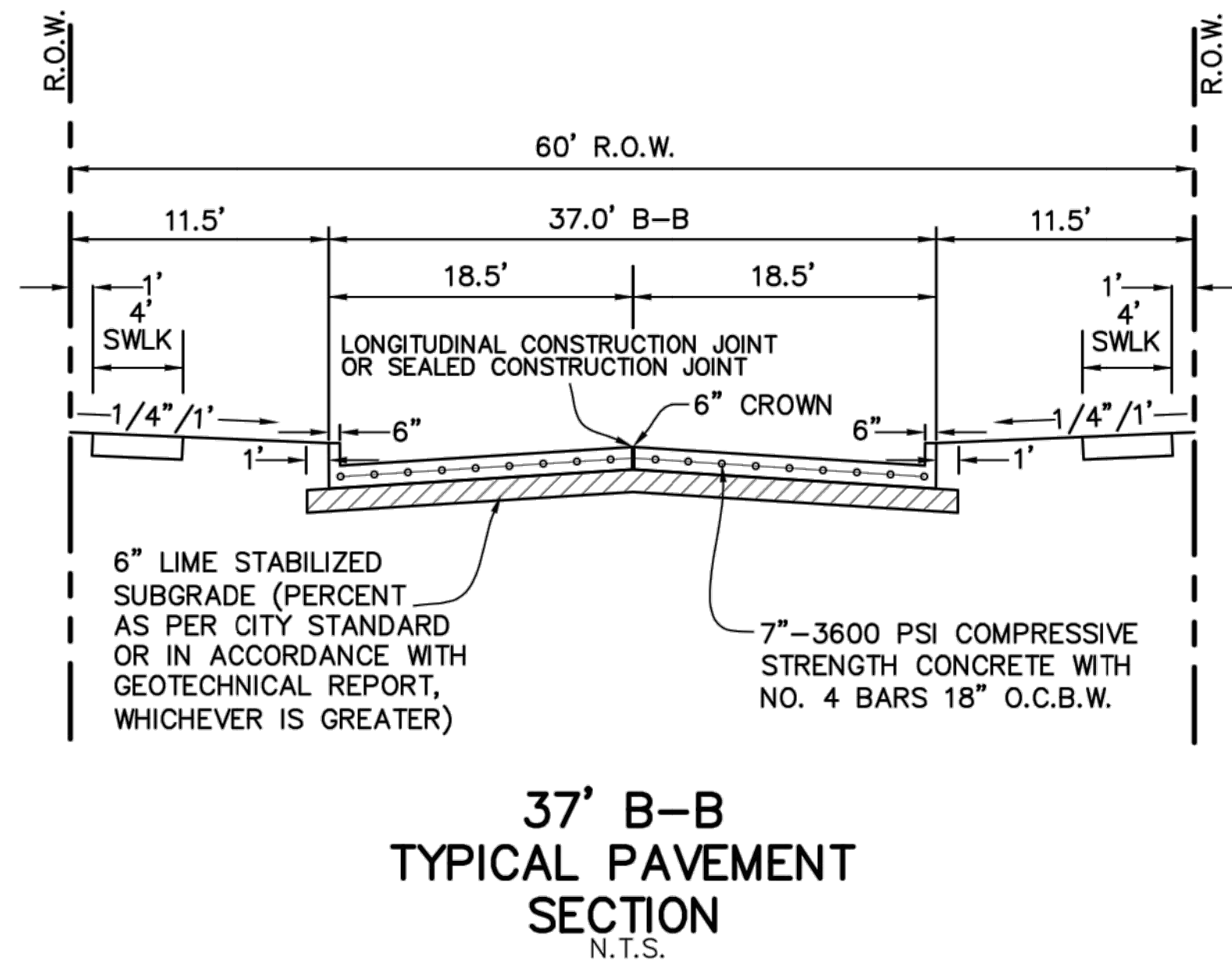
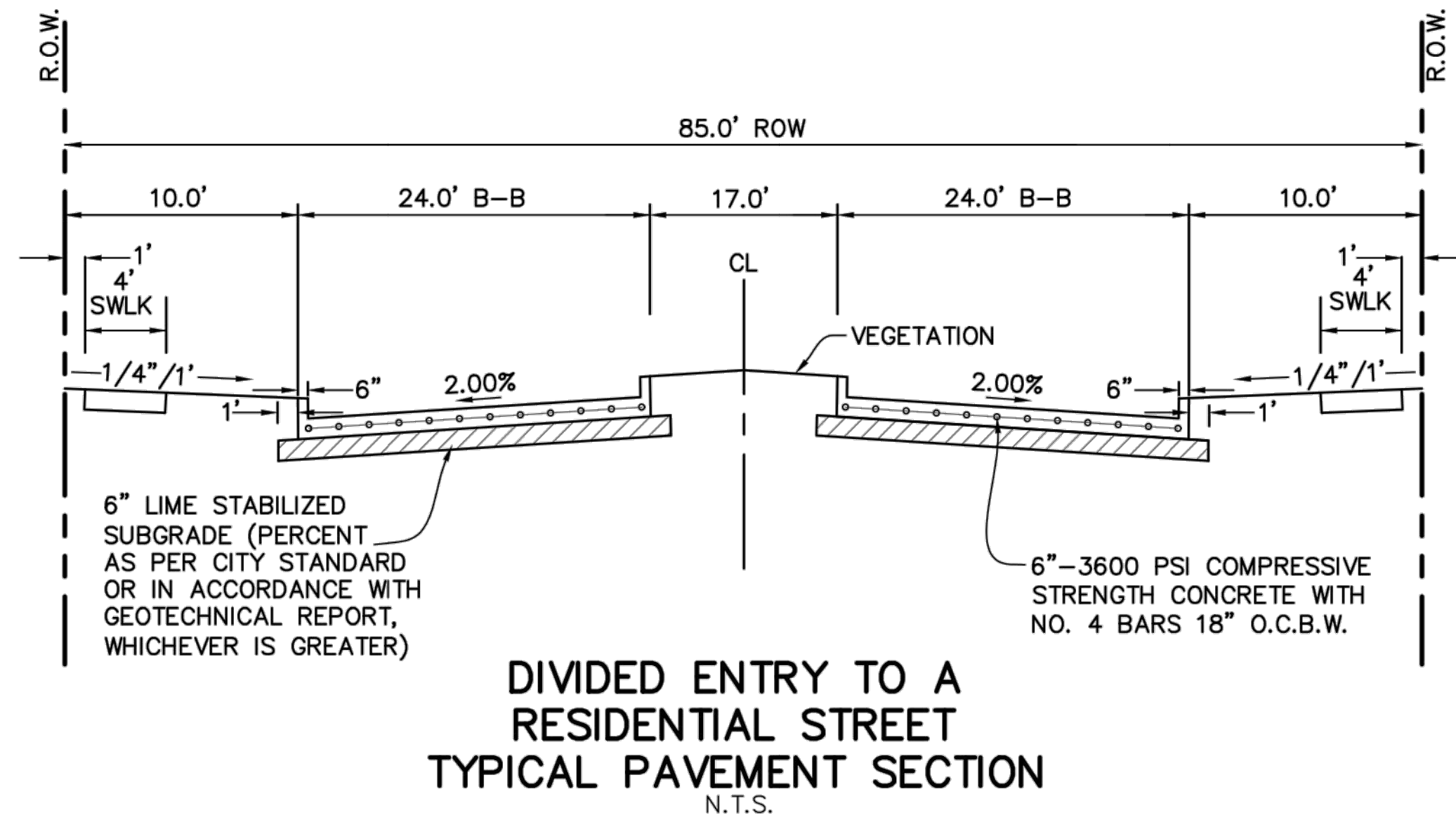
VENETIAN AT WESTON PHASE 1

FIRST SUBMITTAL

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVEMENT SECTION DETAILS

WESTON, COLLIN COUNTY, TEXAS



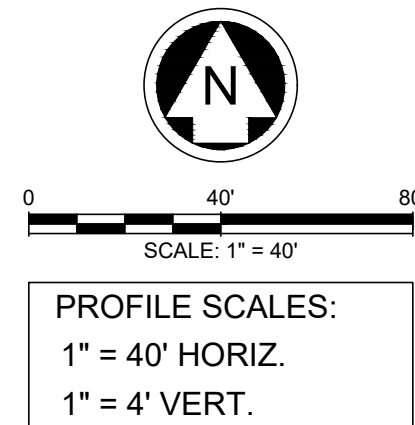
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 1.01 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

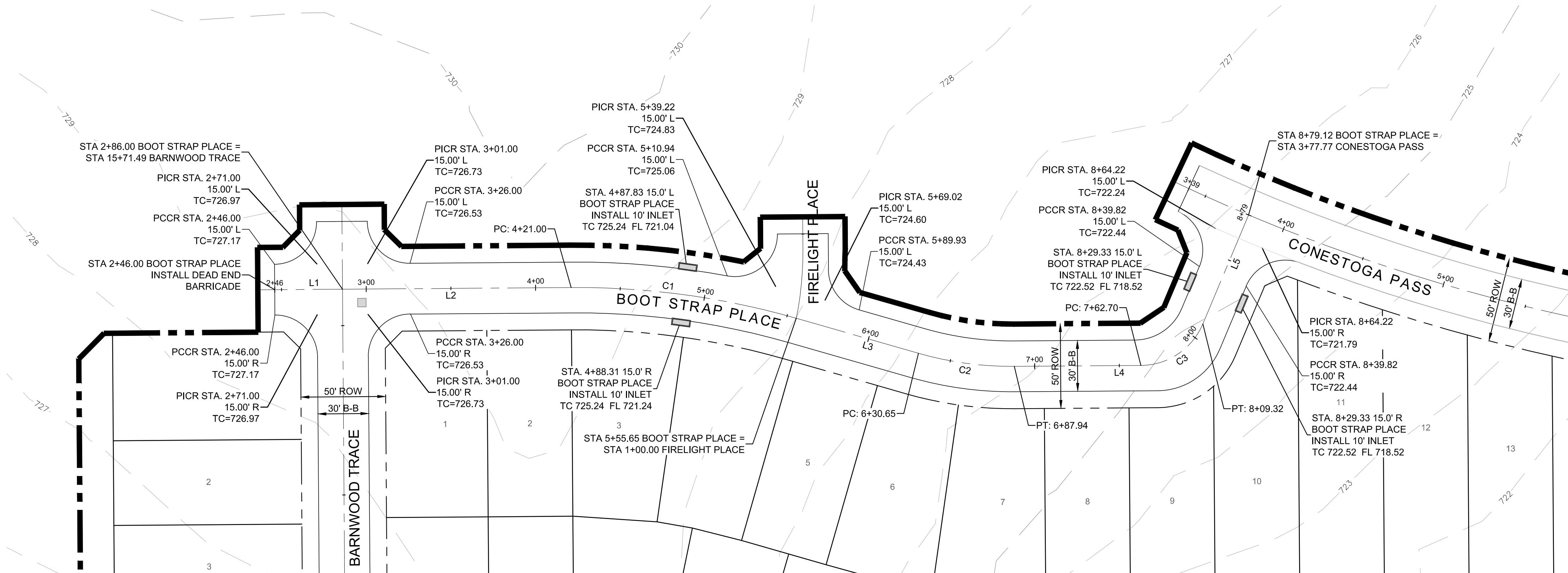
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- ★ INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

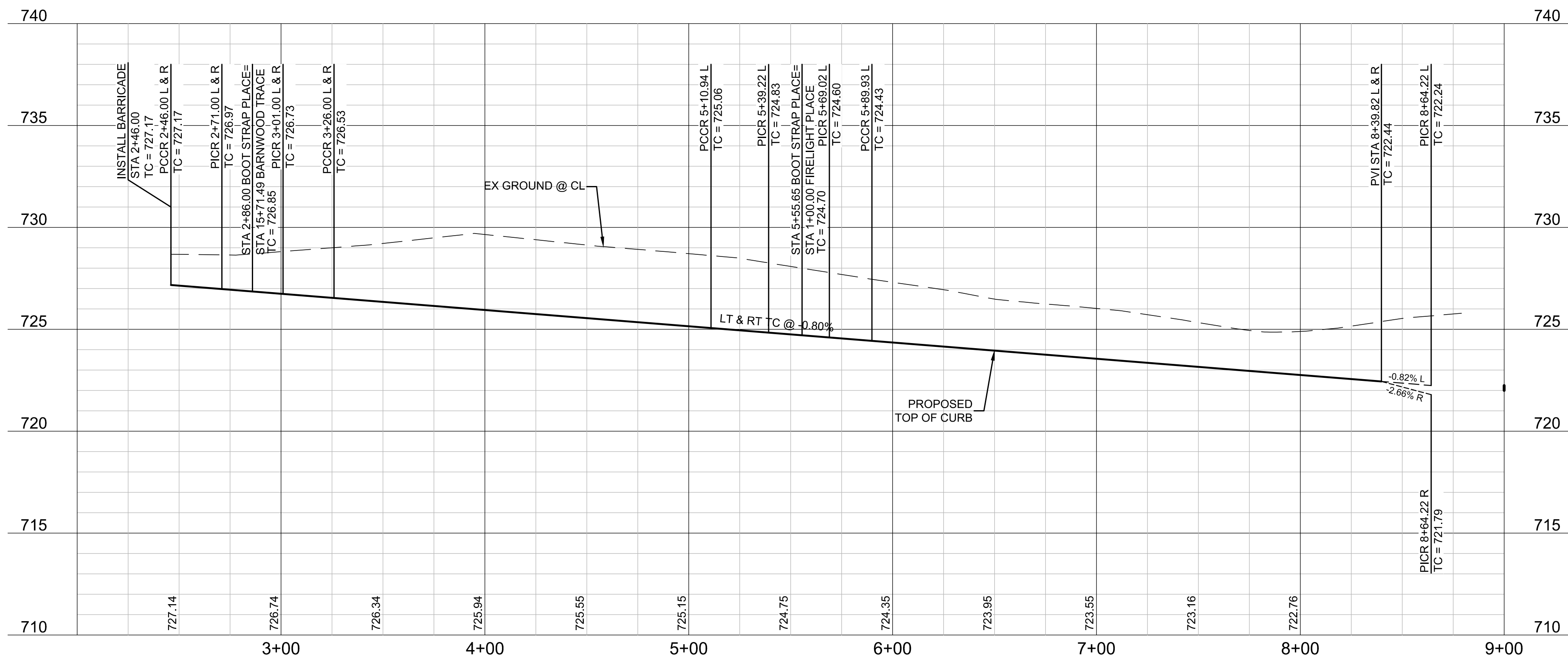
- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L1 | 40.00' | N89° 34' 37"E |
| L2 | 135.00' | N89° 34' 37"E |
| L3 | 75.00' | S74° 00' 31"E |
| L4 | 74.75' | N89° 34' 37"E |
| L5 | 69.80' | N22° 47' 52"E |

BOOT STRAP PLACE

| CURVE TABLE | | | | | | |
|-------------|--------------|---------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C1 | 016° 24' 51" | 470.00' | 67.79' | 134.65' | 134.19' | S82° 12' 57"E |
| C2 | 016° 24' 52" | 200.00' | 28.85' | 57.30' | 57.10' | S82° 12' 57"E |
| C3 | 066° 46' 45" | 40.00' | 26.36' | 46.62' | 44.03' | N56° 11' 15"E |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 54971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - BOOT STRAP PLACE

WESTON, COLLIN COUNTY, TEXAS



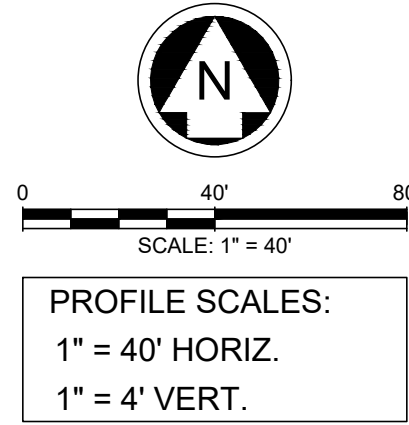
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 1.02 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

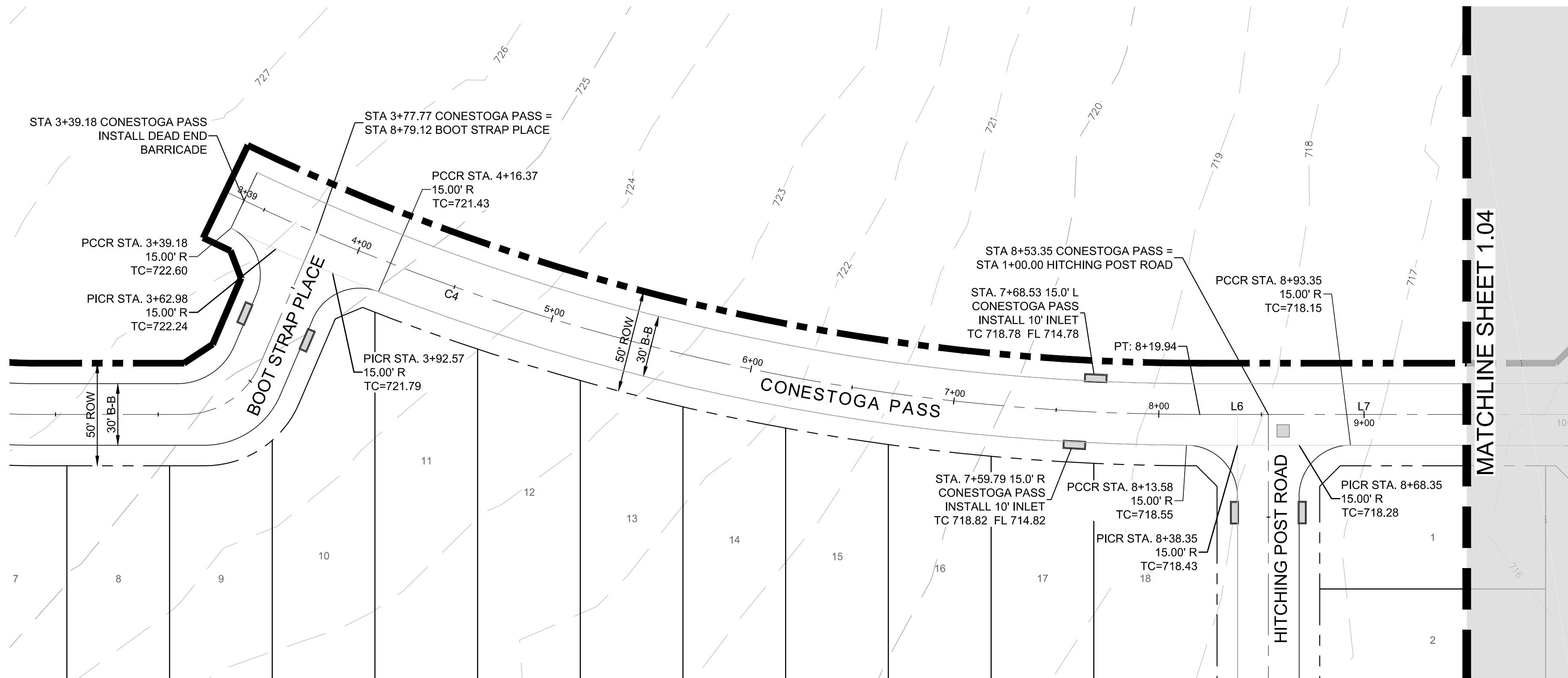


PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

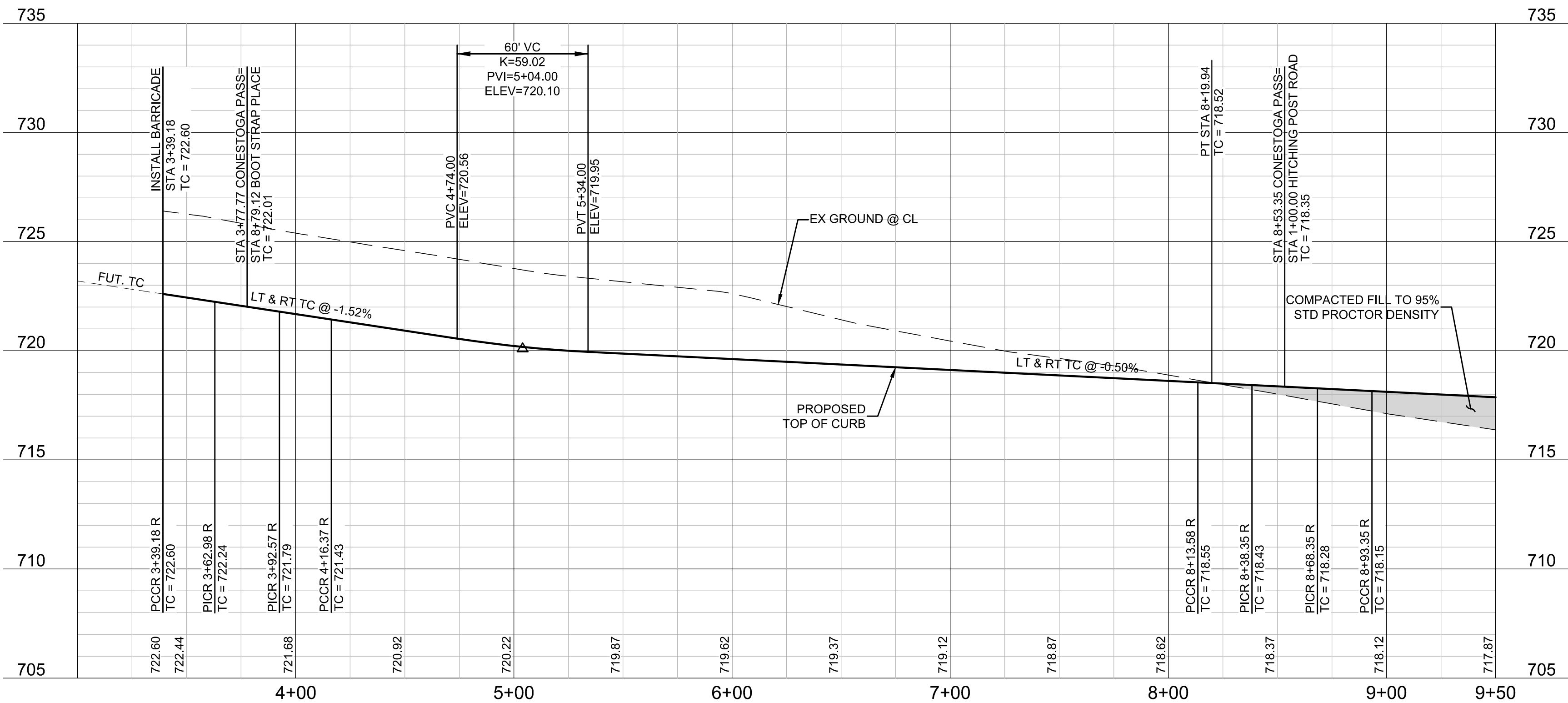
- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L6 | 33.40' | N89° 34' 37"E |
| L7 | 185.01' | N89° 34' 37"E |

CONESTOGA PASS

| CURVE TABLE | | | | | |
|-------------|--------------|----------|---------|---------|---------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD |
| C4 | 025° 14' 53" | 1091.00' | 244.35' | 480.76' | 476.88' |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE -
CONESTOGA PASS (3+00-9+50)

WESTON, COLLIN COUNTY, TEXAS



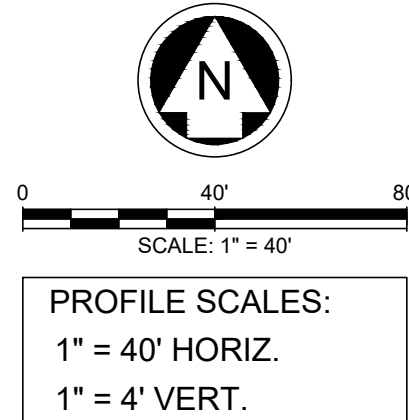
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 1.03 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

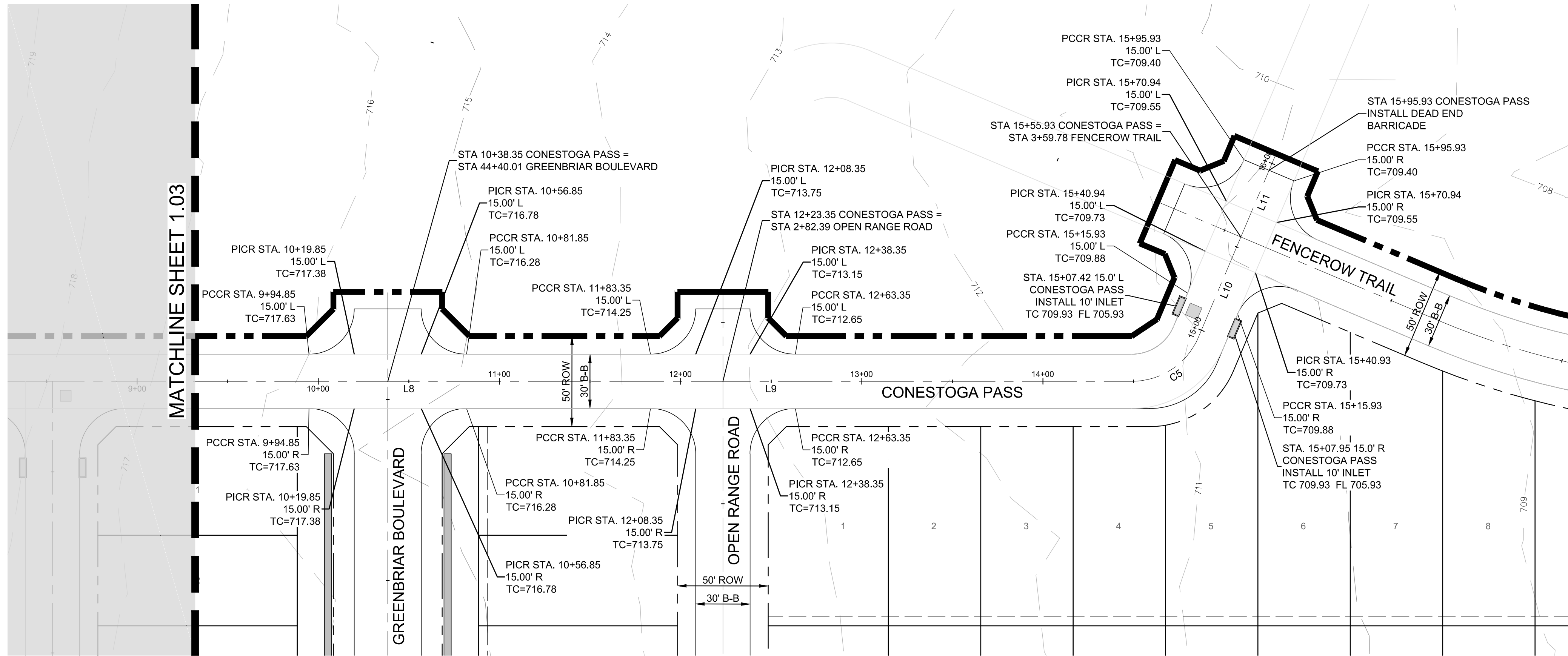


PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

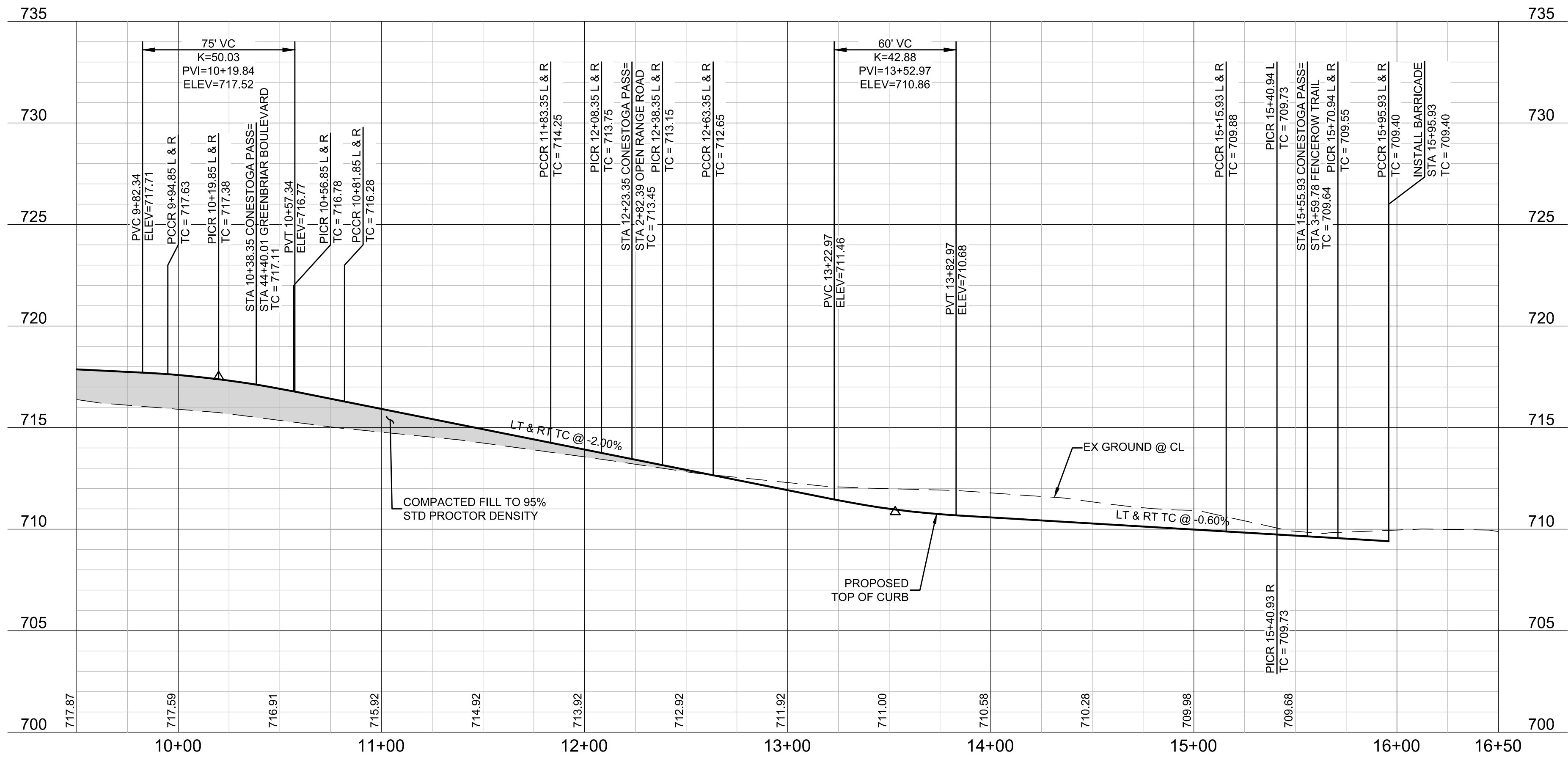
- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMP SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L8 | 185.00' | N89° 34' 37"E |
| L9 | 225.72' | N89° 34' 37"E |
| L10 | 60.03' | N22° 29' 29"E |
| L11 | 272.16' | N22° 29' 29"E |

CONESTOGA PASS

| CURVE TABLE | | | | | | |
|-------------|--------------|--------|---------|--------|--------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C5 | 067° 05' 08" | 40.00' | 26.52' | 46.83' | 44.20' | N56° 02' 03"E |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 84971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - CONESTOGA PASS (9+50-END)

WESTON, COLLIN COUNTY, TEXAS



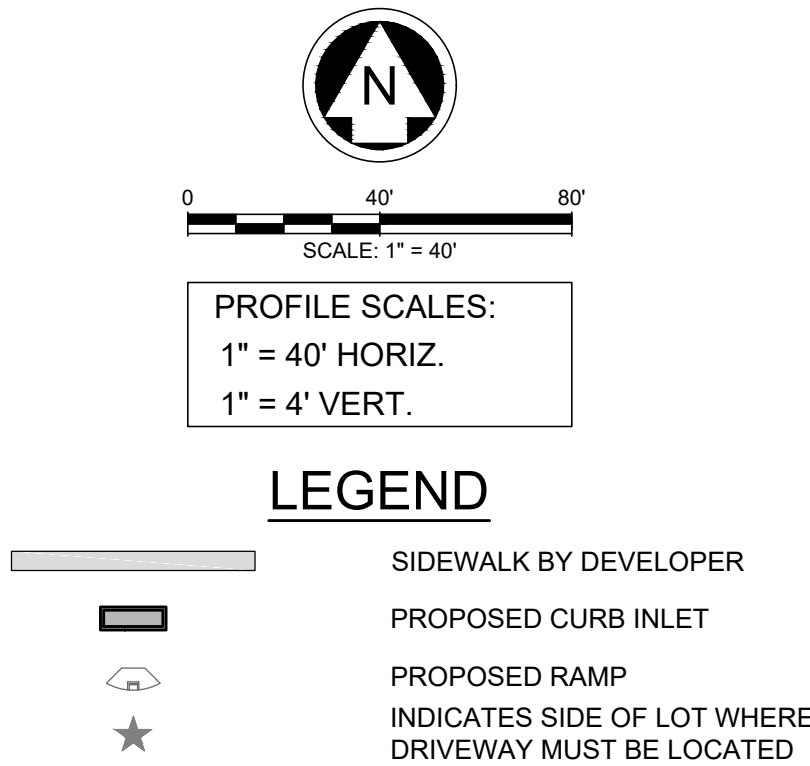
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.04 |
| DESIGNED: MCM | REVIEWER: JWR | | |

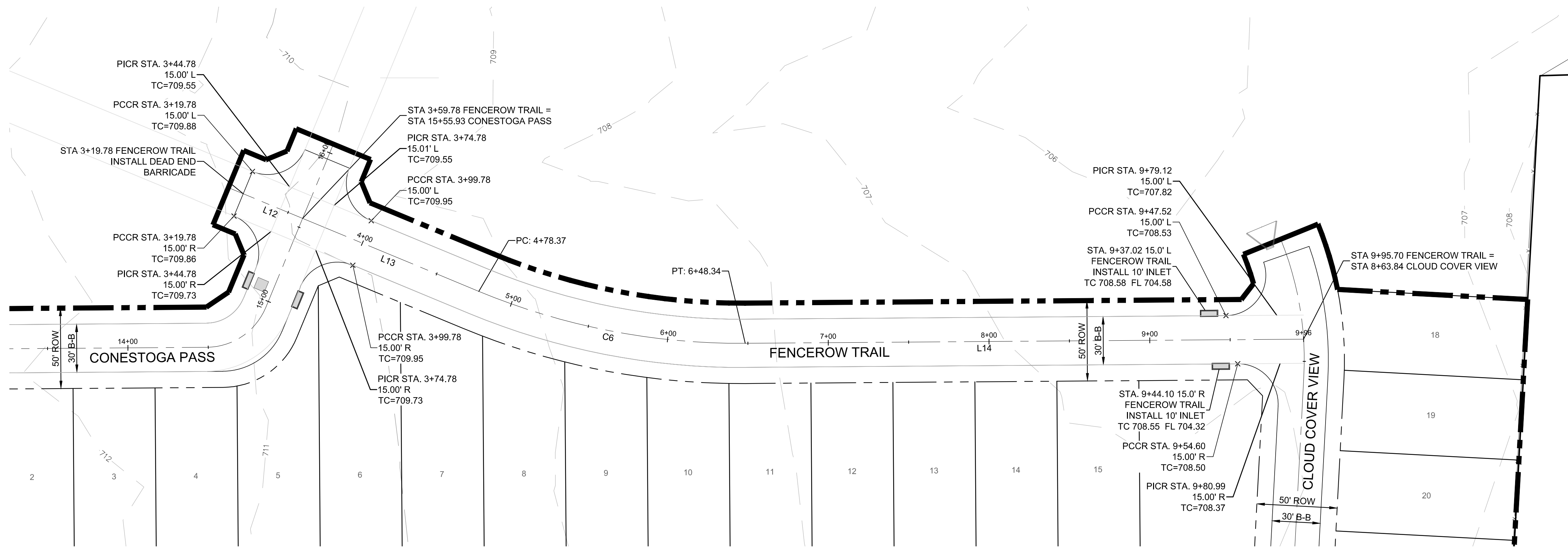
NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



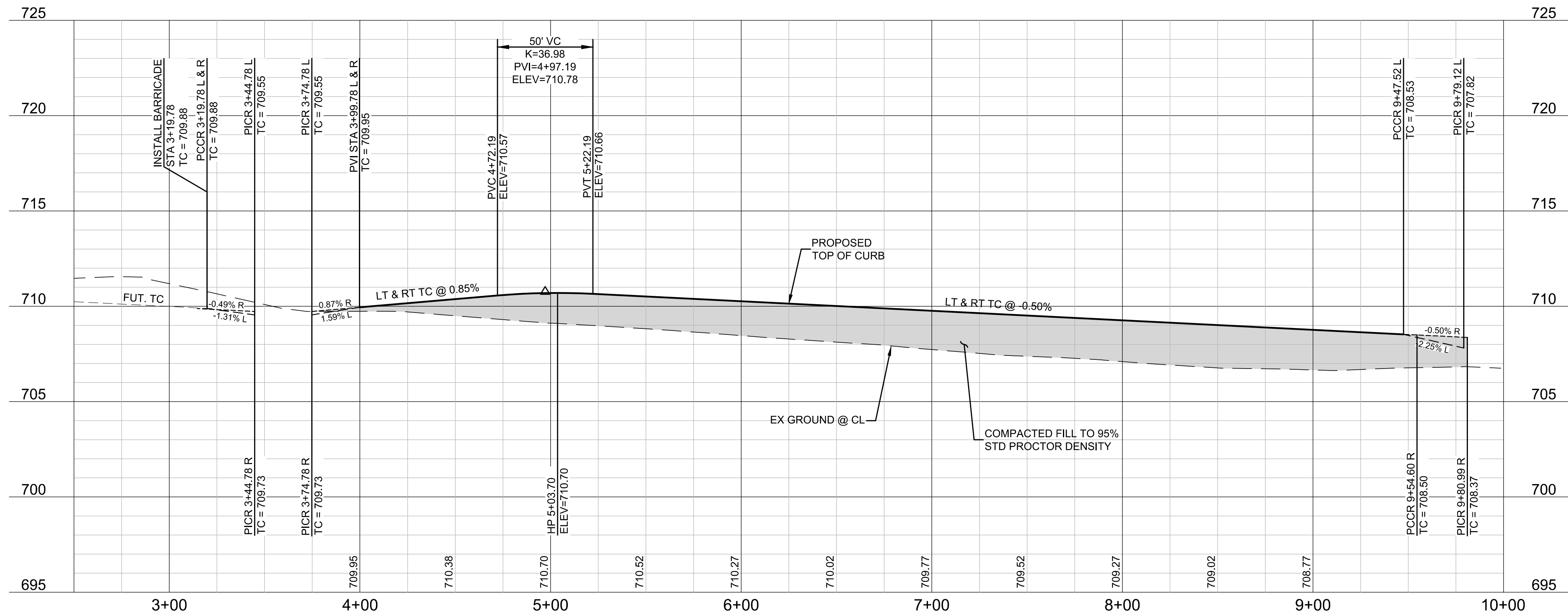
- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L12 | 40.00' | S67° 30' 31"E |
| L13 | 118.59' | S67° 30' 31"E |
| L14 | 347.35' | N89° 34' 37"E |

| CURVE TABLE | | | | | | |
|-------------|--------------|---------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C6 | 022° 54' 52" | 425.00' | 86.14' | 169.97' | 168.84' | S78° 57' 57"E |

FENCEROW TRAIL



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - FENCEROW TRAIL

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.05 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



0 40' 80'
SCALE: 1" = 40'

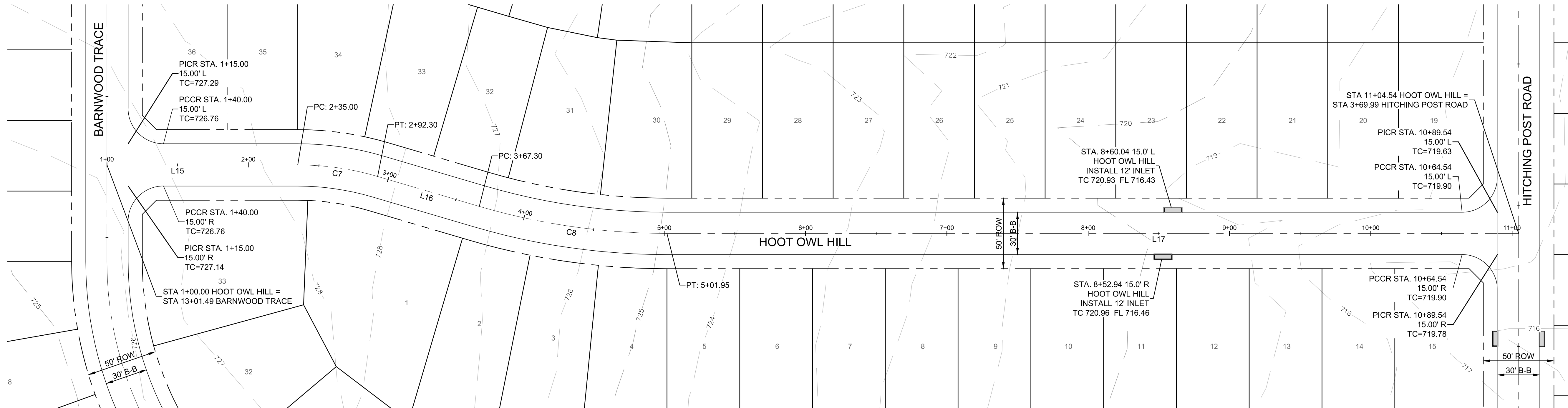
PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

NOTES:

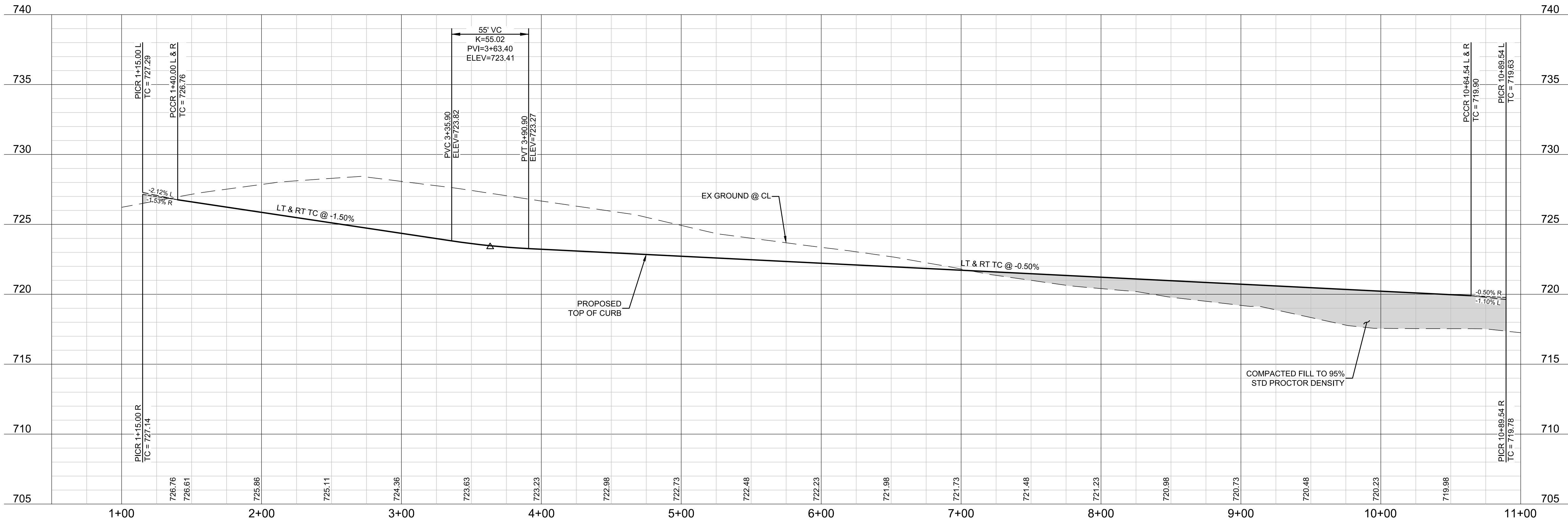
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
- THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
- REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
- ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
- ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
- BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L15 | 135.00' | N89° 34' 37"E |
| L16 | 75.00' | S74° 00' 31"E |
| L17 | 602.60' | N89° 34' 37"E |

| CURVE TABLE | | | | | | |
|-------------|--------------|---------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C7 | 016° 24' 52" | 200.00' | 28.85' | 57.30' | 57.10' | S82° 12' 57"E |
| C8 | 016° 24' 52" | 470.00' | 67.79' | 134.65' | 134.19' | S82° 12' 57"E |

HOOT OWL HILL



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - HOOT OWL HOLLOW

WESTON, COLLIN COUNTY, TEXAS



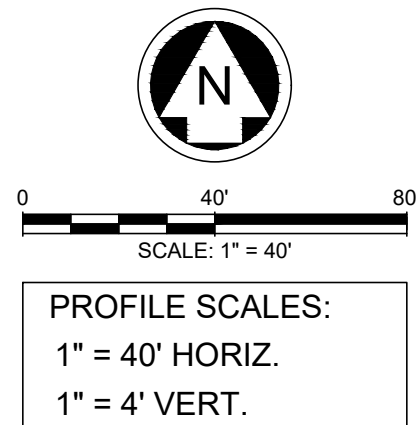
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN00001 | 1.06 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

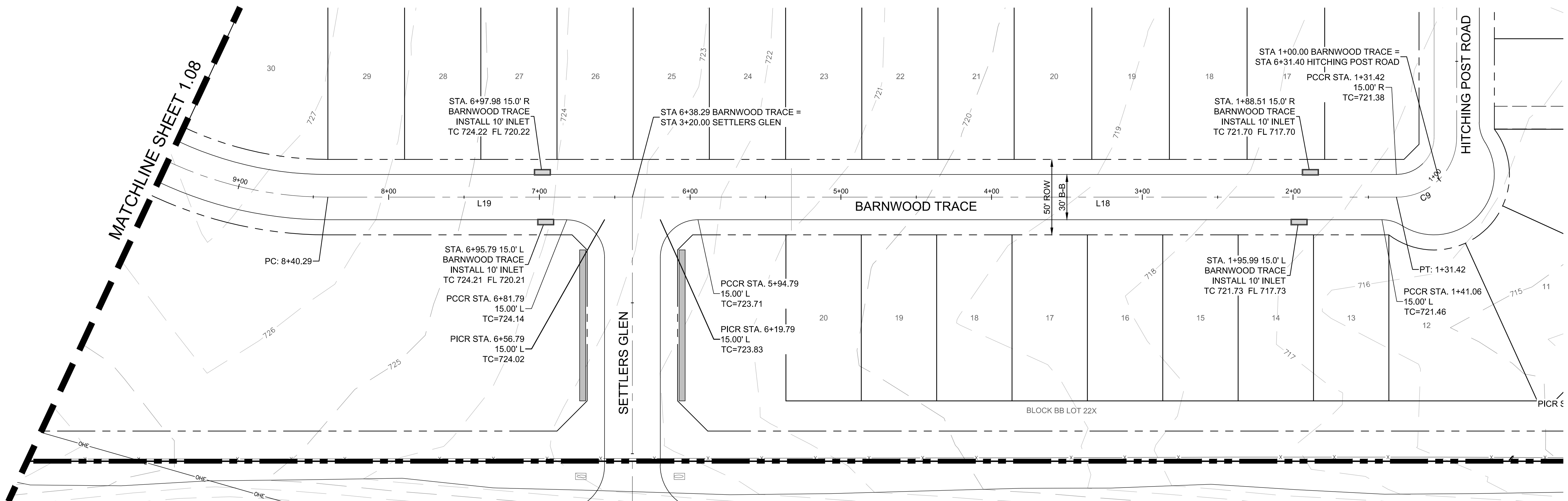
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- ★ INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

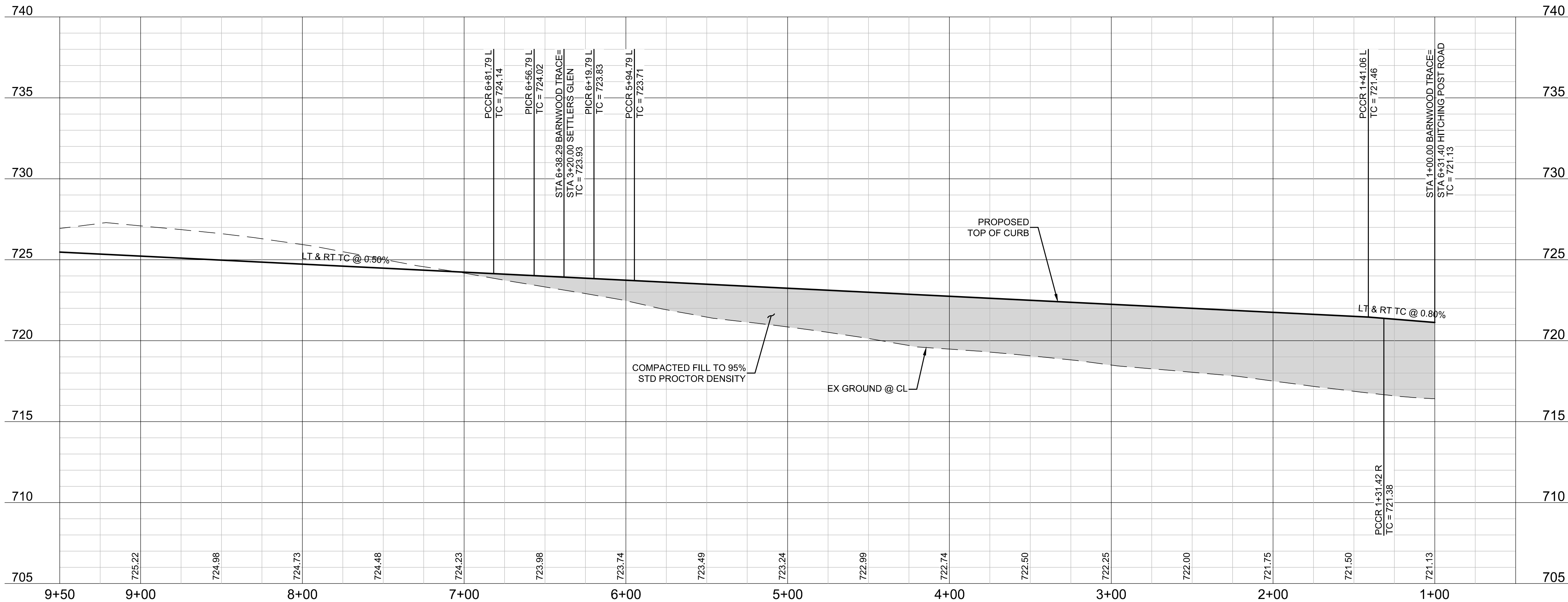
- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L18 | 506.87' | S89° 34' 37"W |
| L19 | 202.00' | S89° 34' 37"W |
| L20 | 68.50' | N00° 25' 23"W |
| L21 | 270.00' | N00° 25' 23"W |
| L22 | 40.00' | N00° 25' 23"W |

BARNWOOD TRACE

| CURVE TABLE | | | | | | |
|-------------|--------------|---------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C9 | 045° 00' 00" | 40.00' | 16.57' | 31.42' | 30.61' | S67° 04' 37"W |
| C10 | 090° 00' 00" | 250.00' | 250.00' | 392.70' | 353.55' | N45° 25' 23"W |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE -
BARNWOOD TRACE (1+00-9+50)

WESTON, COLLIN COUNTY, TEXAS



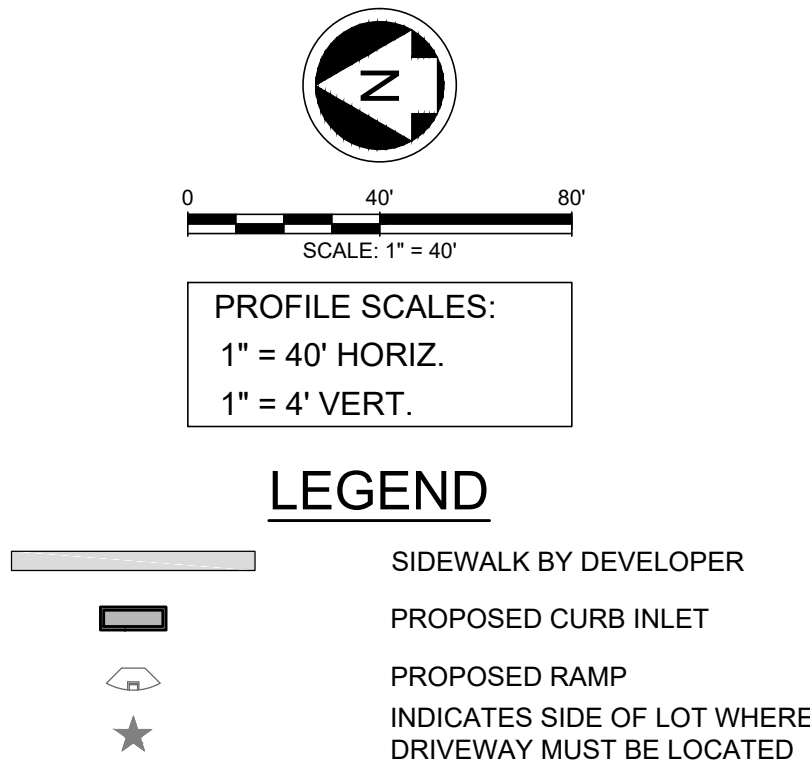
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.07 |
| DESIGNED: MCM | REVIEWER: JWR | | |

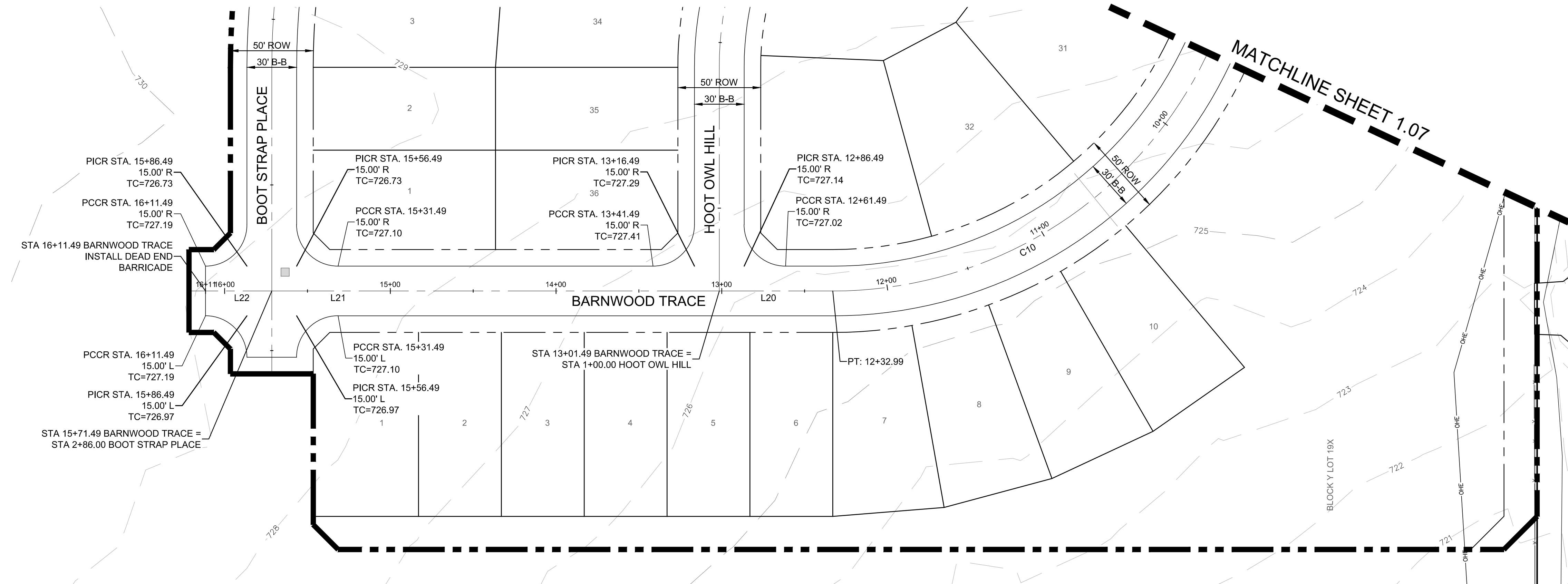
NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



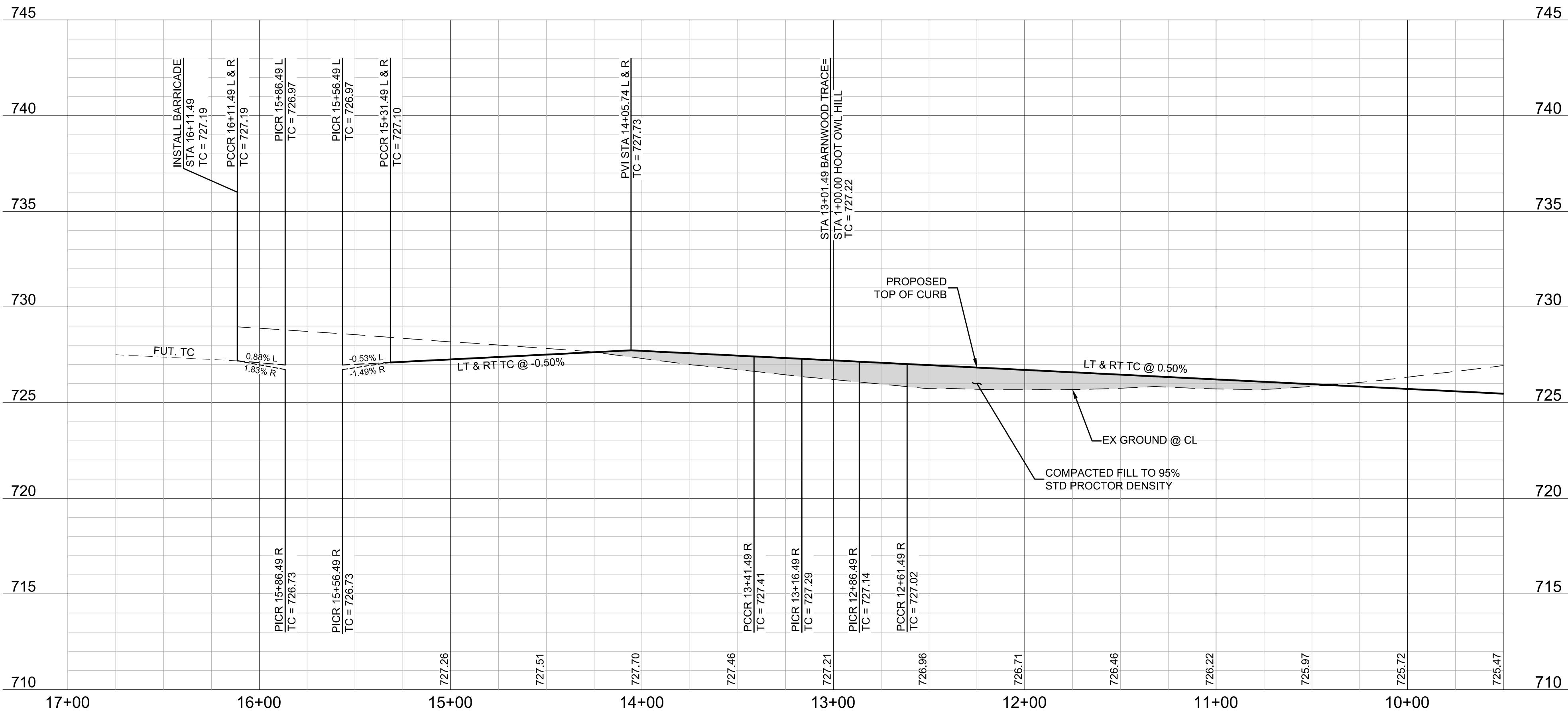
- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L20 | 68.50' | N00° 25' 23"W |
| L21 | 270.00' | N00° 25' 23"W |
| L22 | 40.00' | N00° 25' 23"W |

BARNWOOD TRACE

| CURVE TABLE | | | | | | |
|-------------|--------------|---------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C10 | 090° 00' 00" | 250.00' | 250.00' | 392.70' | 353.55' | N45° 25' 23"W |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. BEISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - BARNWOOD TRACE (9+50-END)

WESTON, COLLIN COUNTY, TEXAS



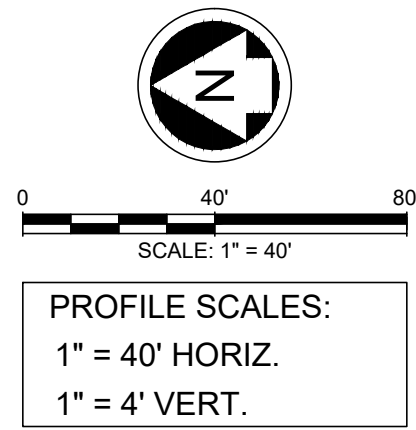
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.08 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

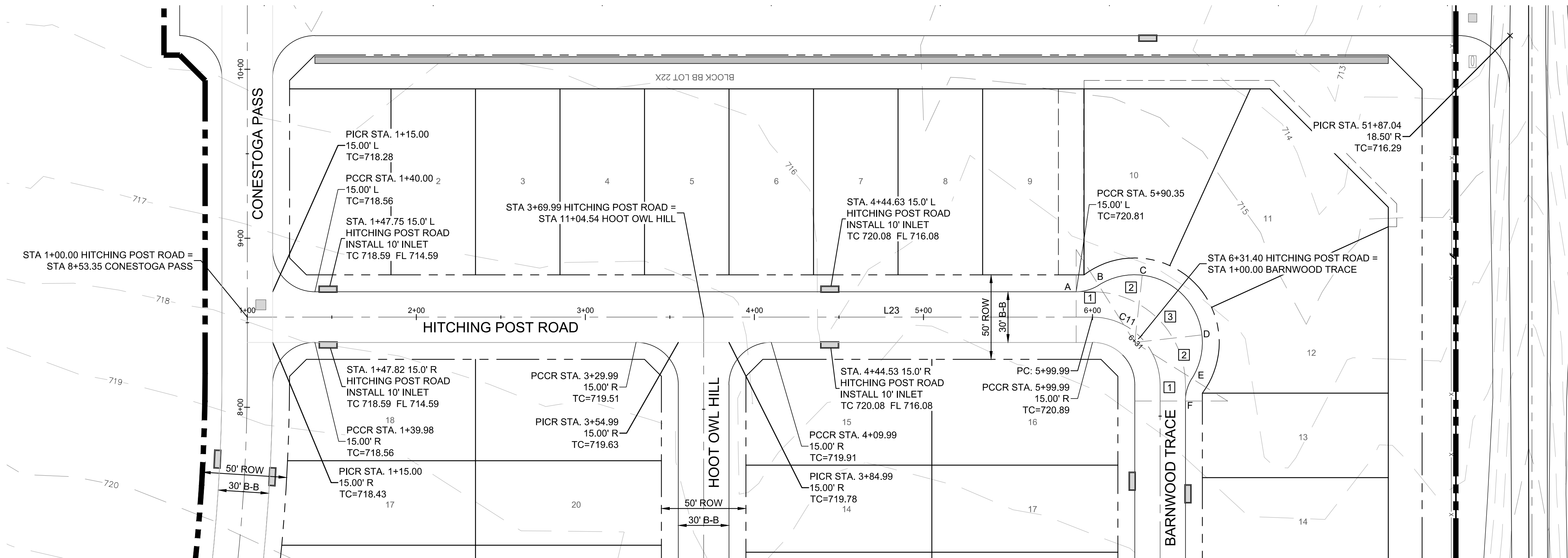
| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



- LEGEND**
- SIDEWALK BY DEVELOPER
 - PROPOSED CURB INLET
 - PROPOSED RAMP
 - INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

- NOTES:**
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



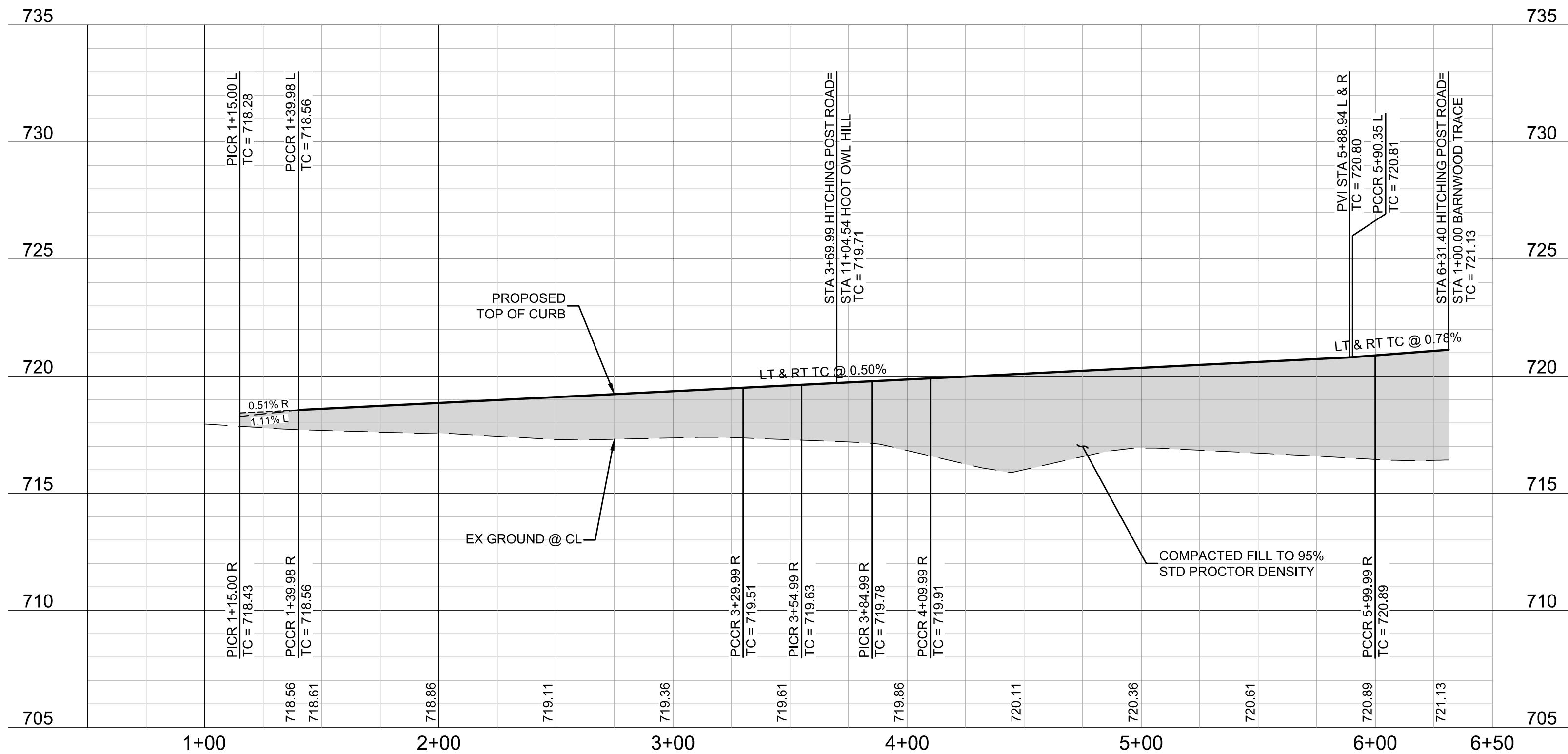
| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L23 | 499.99' | S00° 25' 23"E |

HITCHING POST ROAD

| CURVE TABLE | | | | | |
|-------------|--------------|--------|---------|--------|--------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD |
| C11 | 045° 00' 00" | 40.00' | 16.57' | 31.42' | 30.61' |

| CUL-DE-SAC TABLE | | |
|------------------|--------------|--------------|
| POINT | TC ELEVATION | TP ELEVATION |
| A | 720.81 | 720.31 |
| B | 720.88 | 720.38 |
| C | 721.03 | 720.53 |
| D | 721.28 | 720.78 |
| E | 721.39 | 720.89 |
| F | 721.46 | 720.96 |

| CUL-DE-SAC TABLE | |
|------------------|-------------|
| TAG | ANGLE |
| 1 | 32° 12' 13" |
| 2 | 38° 36' 08" |
| 3 | 77° 12' 15" |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - HITCHING POST ROAD

WESTON, COLLIN COUNTY, TEXAS



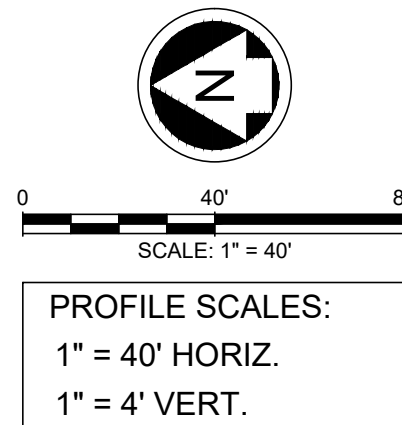
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|-----------|-------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT # | SHEET |
| DESIGNED: MCM | 2020 | LEN20001 | 1.09 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

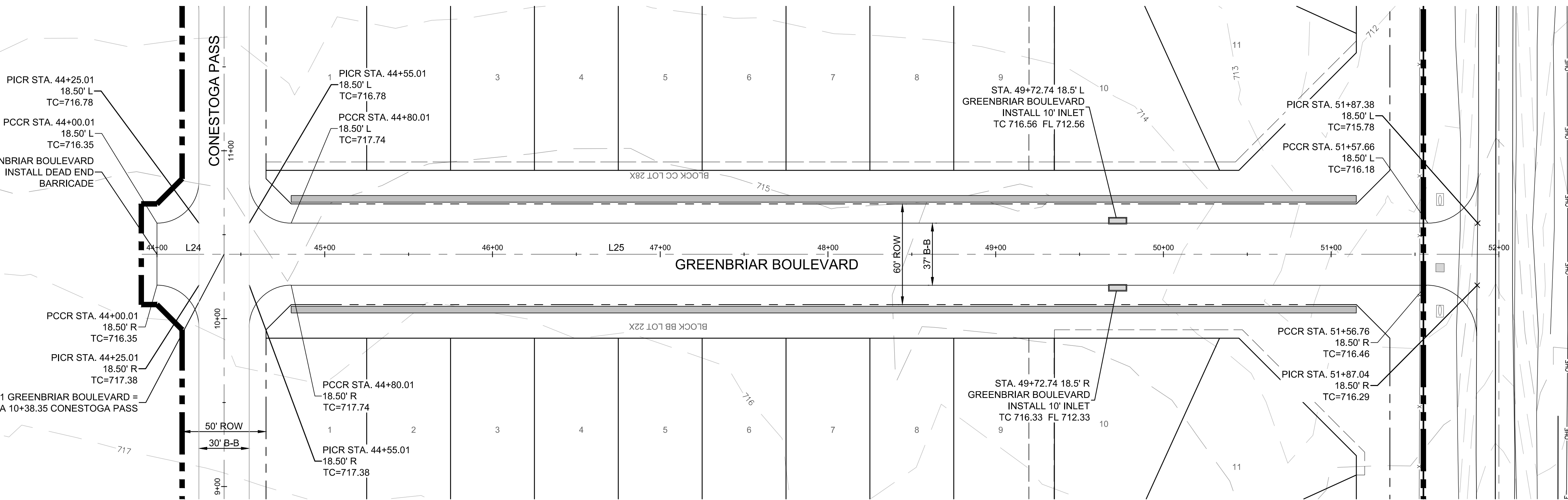
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

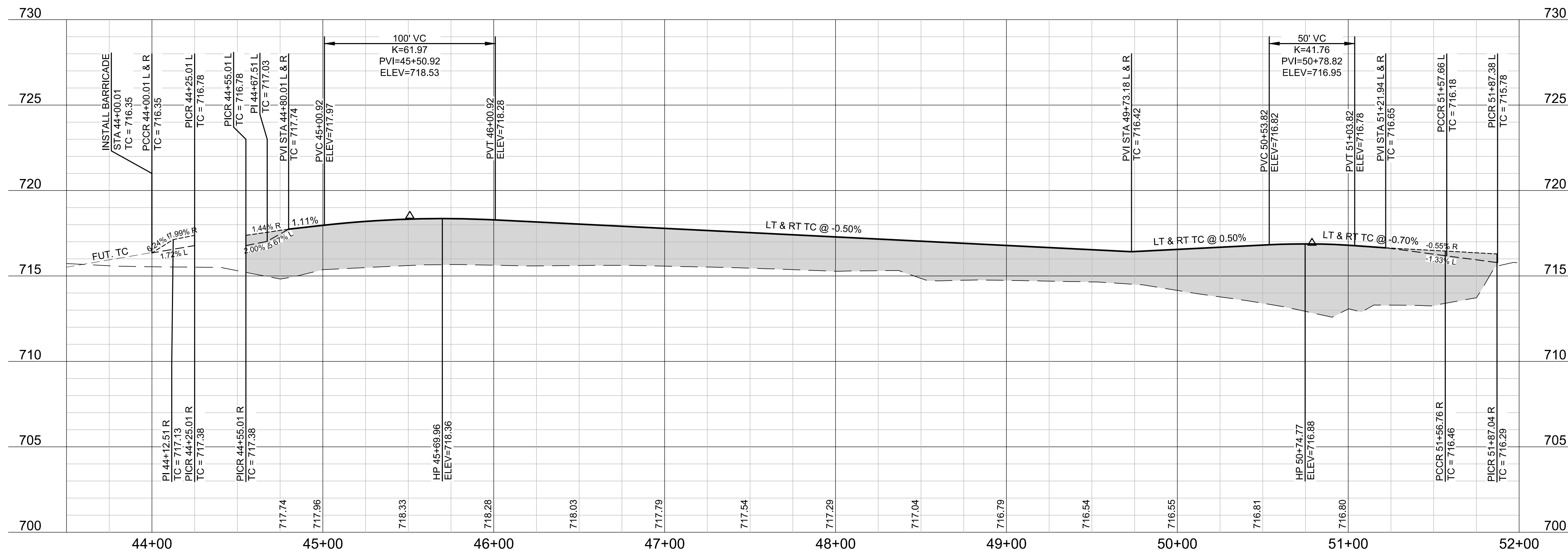
- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- ★ INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L24 | 778.15' | S00° 25' 23"E |
| L25 | 778.15' | S00° 25' 23"E |

GREENBRIAR BOULEVARD



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE -
GREENBRIAR BOULEVARD

WESTON, COLLIN COUNTY, TEXAS



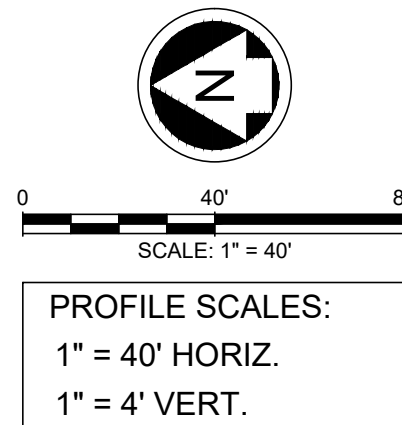
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 1.10 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

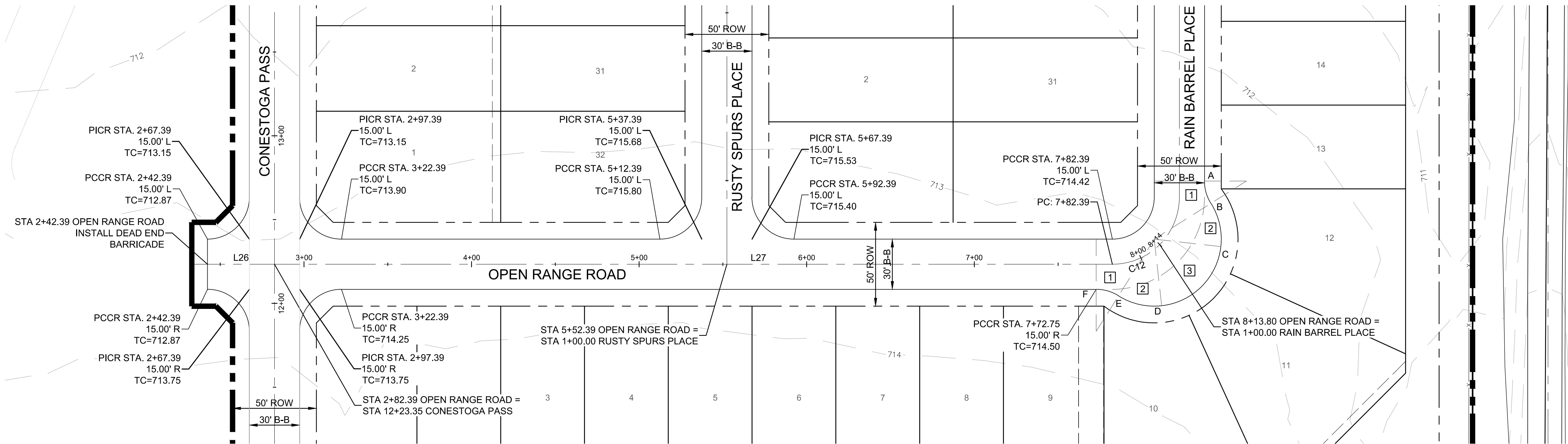
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



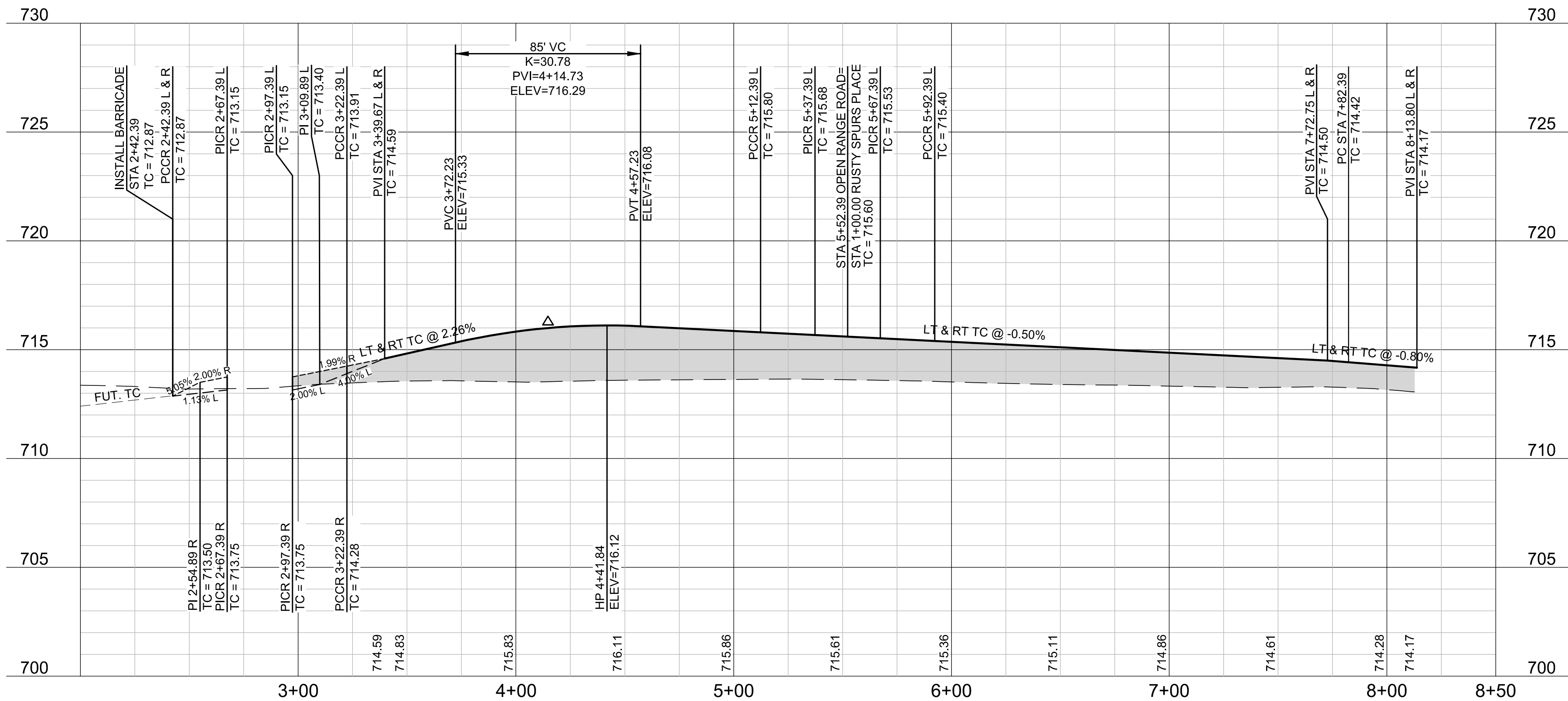
| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L26 | 540.00' | S00° 25' 23"E |
| L27 | 540.00' | S00° 25' 23"E |

OPEN RANGE ROAD

| CURVE TABLE | | | | | |
|-------------|--------------|--------|---------|--------|--------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD |
| C12 | 044° 59' 15" | 40.00' | 16.56' | 31.41' | 30.61' |

| CUL-DE-SAC TABLE | | |
|------------------|--------------|--------------|
| POINT | TC ELEVATION | TP ELEVATION |
| A | 713.84 | 713.34 |
| B | 713.91 | 713.41 |
| C | 714.06 | 713.56 |
| D | 714.32 | 713.82 |
| E | 714.43 | 713.93 |
| F | 714.50 | 714.00 |

| CUL-DE-SAC TABLE | |
|------------------|-------------|
| TAG | ANGLE |
| 1 | 32° 12' 13" |
| 2 | 38° 36' 08" |
| 3 | 77° 12' 15" |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF CR 206 ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - OPEN RANGE ROAD

WESTON, COLLIN COUNTY, TEXAS



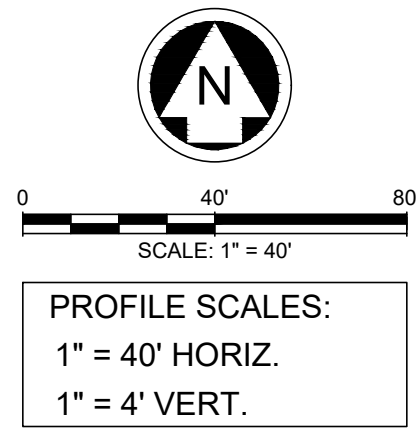
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 1.11 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

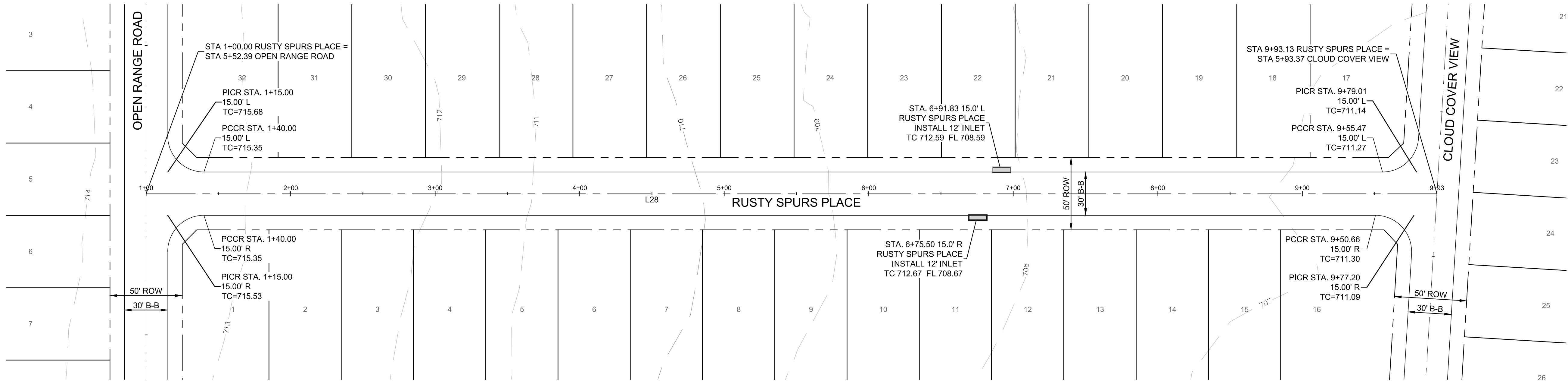


PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

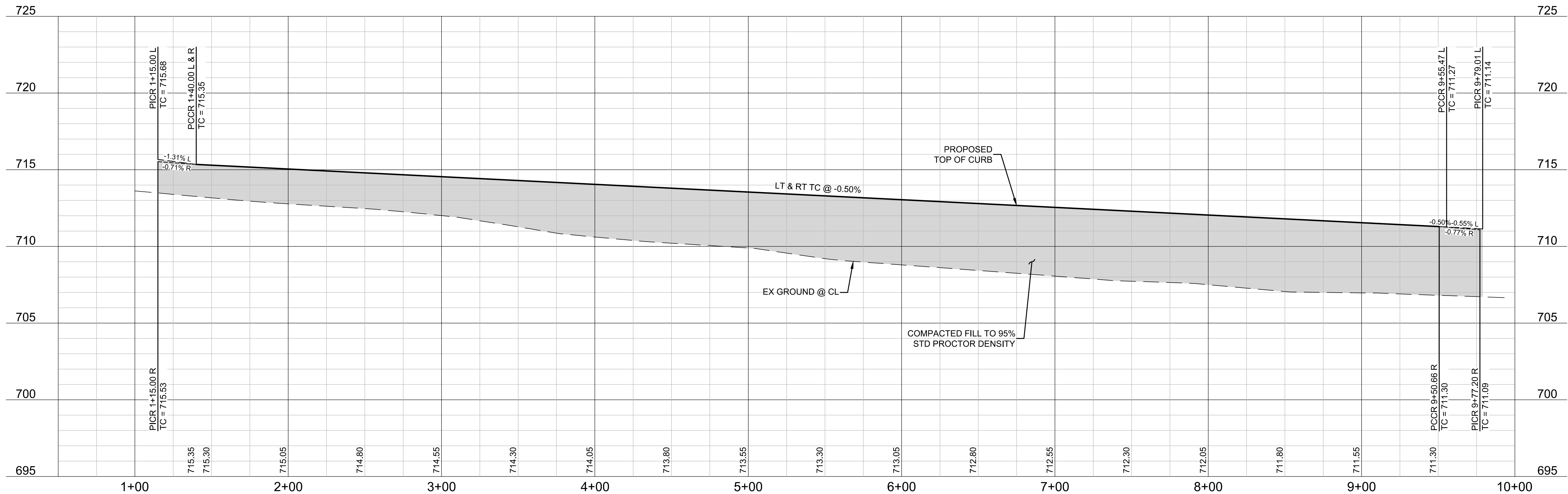
- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L28 | 893.13' | N89° 34' 37"E |

RUSTY SPURS PLACE



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - RUSTY SPURS PLACE

WESTON, COLLIN COUNTY, TEXAS



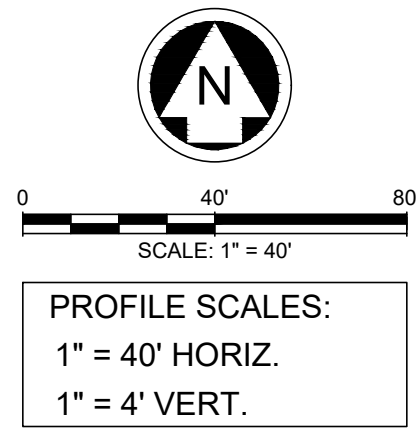
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.12 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

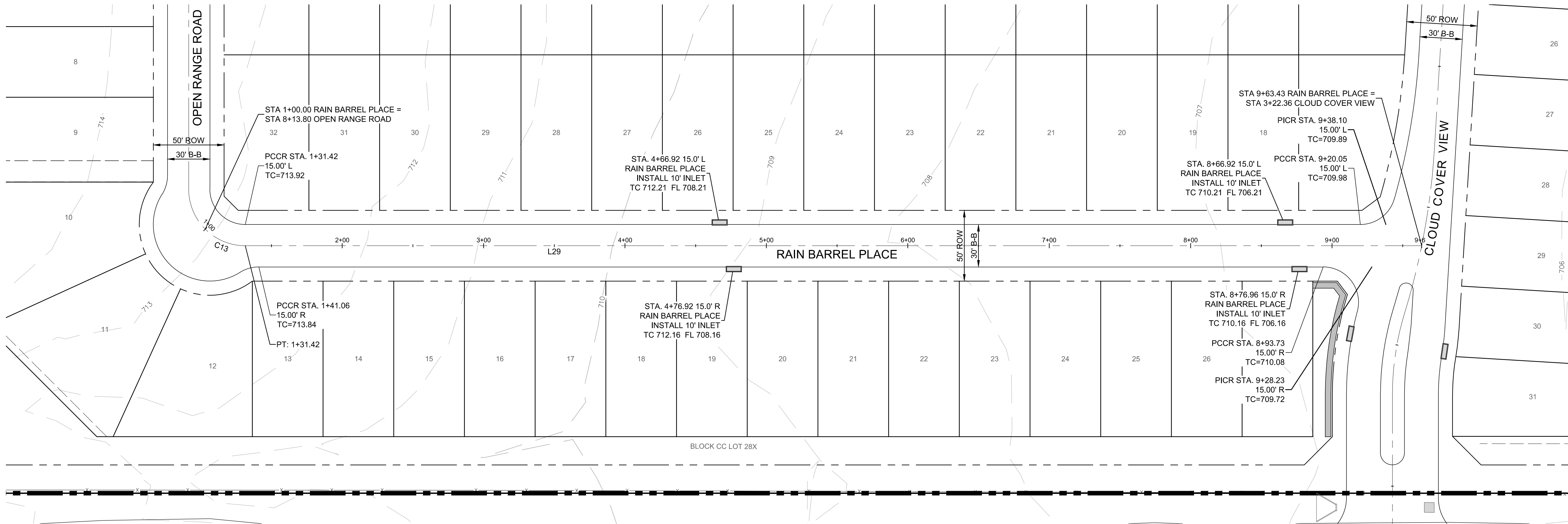


LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- ★ INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

NOTES:

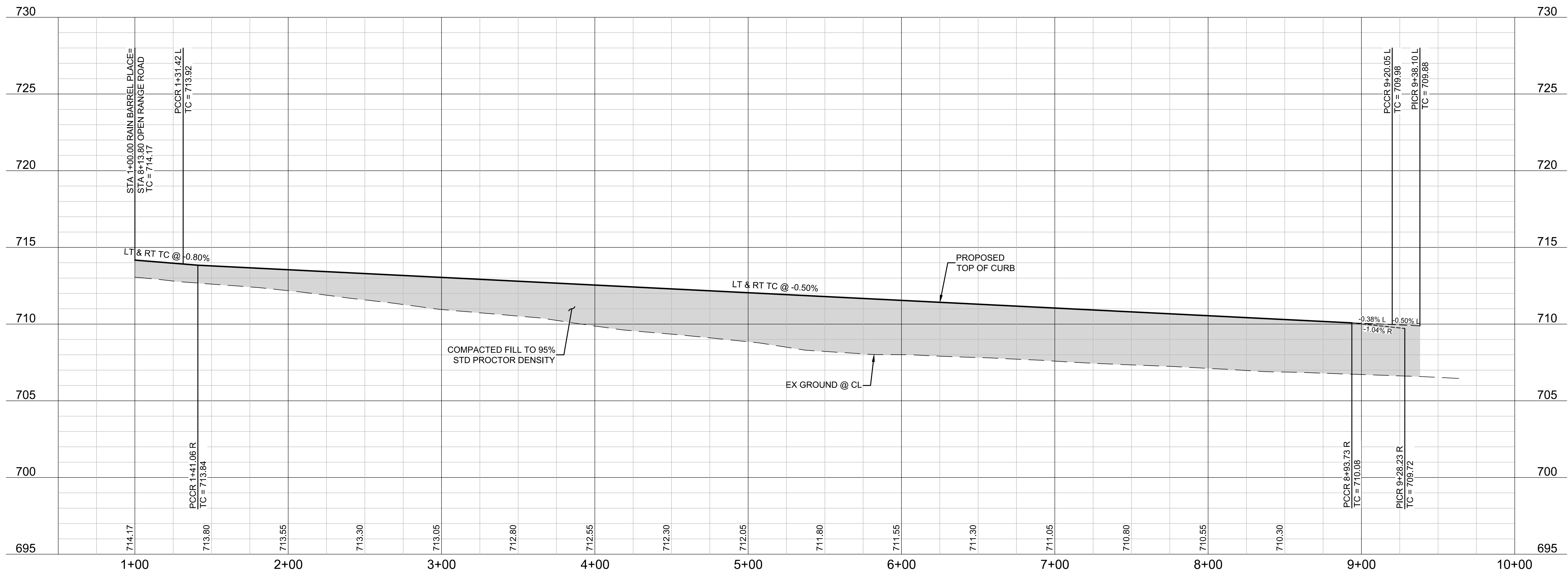
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
- THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
- REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
- ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
- ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
- BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L29 | 832.01' | N89° 34' 37"E |

| CURVE TABLE | | | | | | |
|-------------|--------------|--------|---------|--------|--------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C13 | 045° 00' 45" | 40.00' | 16.57' | 31.42' | 30.62' | S67° 55' 00"E |

RAIN BARREL PLACE



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - RAIN BARREL PLACE

WESTON, COLLIN COUNTY, TEXAS



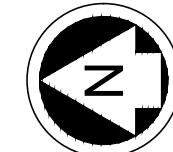
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.13 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



0 40' 80'
SCALE: 1" = 40'

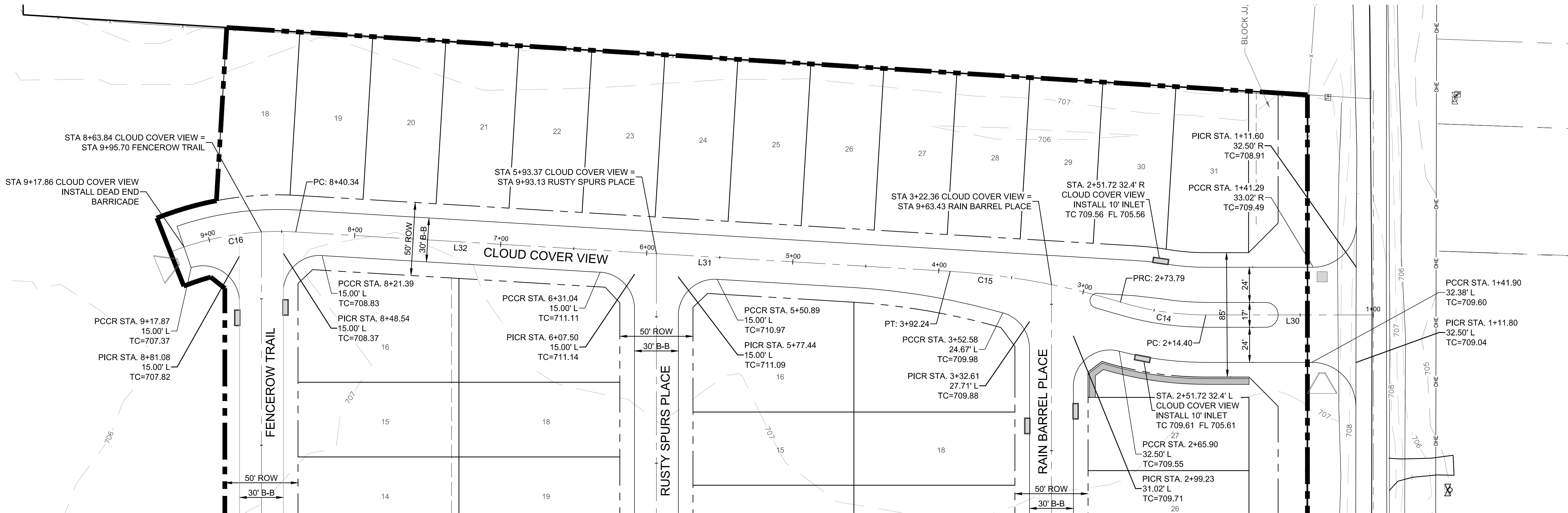
PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

NOTES:

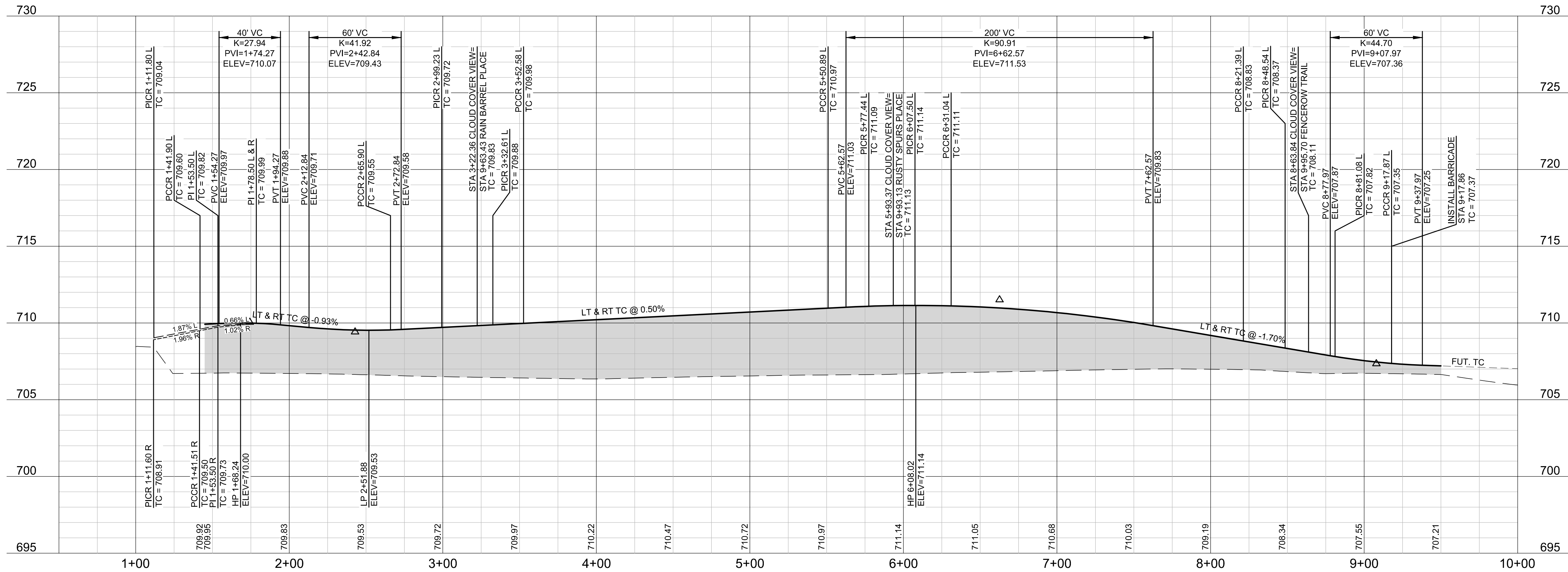
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
- THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
- REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
- ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
- ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
- BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L30 | 114.40' | N00° 25' 23"W |
| L31 | 201.13' | N03° 01' 09"E |
| L32 | 246.97' | N03° 01' 09"E |

| CURVE TABLE | | | | | |
|-------------|--------------|---------|---------|---------|---------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD |
| C14 | 017° 00' 54" | 200.00' | 29.92' | 59.39' | 59.18' |
| C15 | 013° 34' 22" | 500.00' | 59.50' | 118.44' | 118.17' |
| C16 | 036° 12' 33" | 199.97' | 65.38' | 126.38' | 124.28' |

CLOUD COVER VIEW



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILE - CLOUD COVER VIEW

WESTON, COLLIN COUNTY, TEXAS



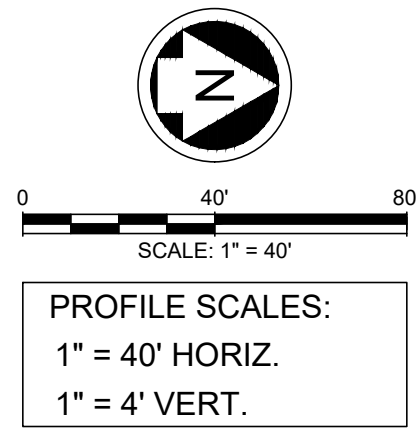
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 1.14 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

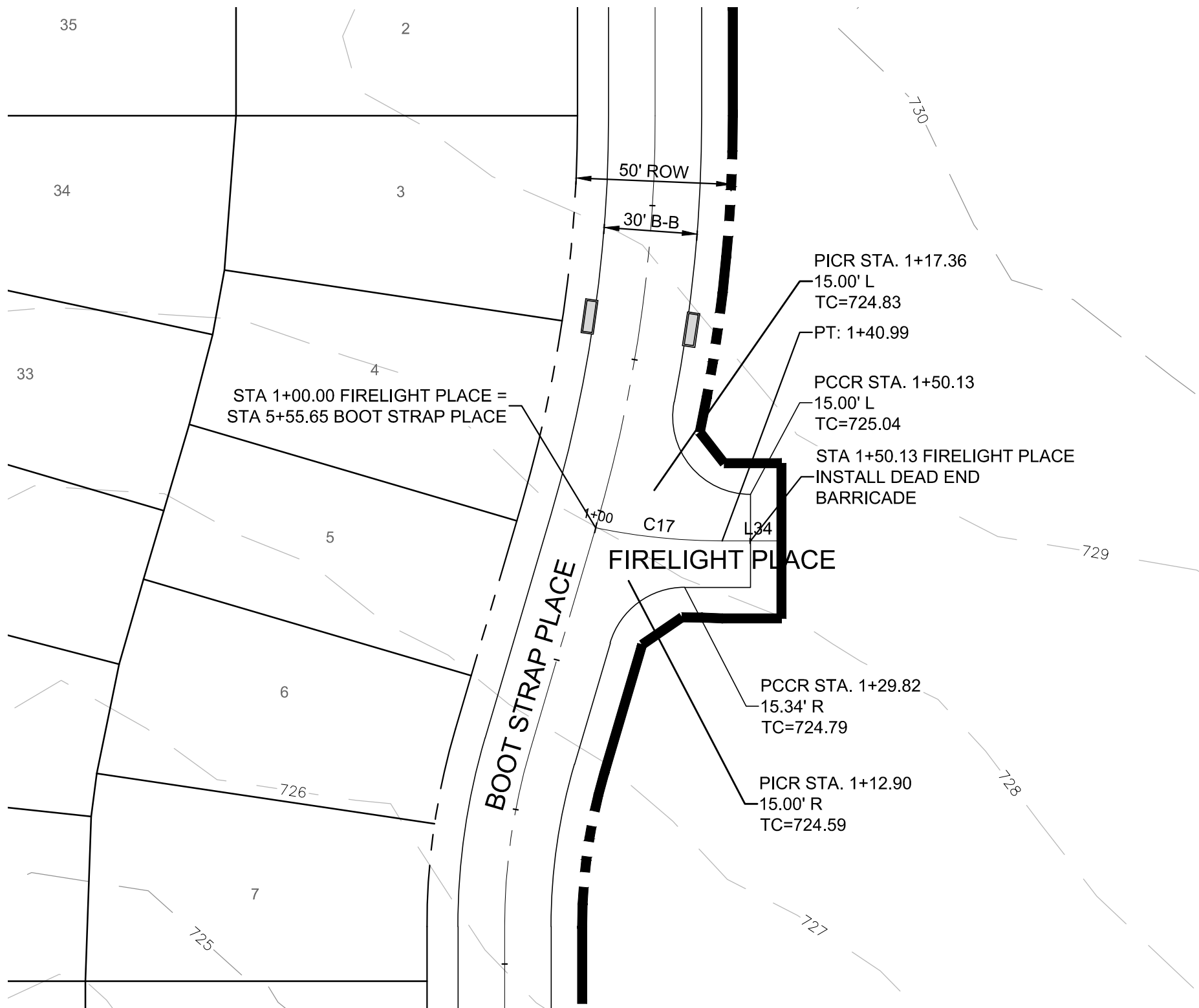
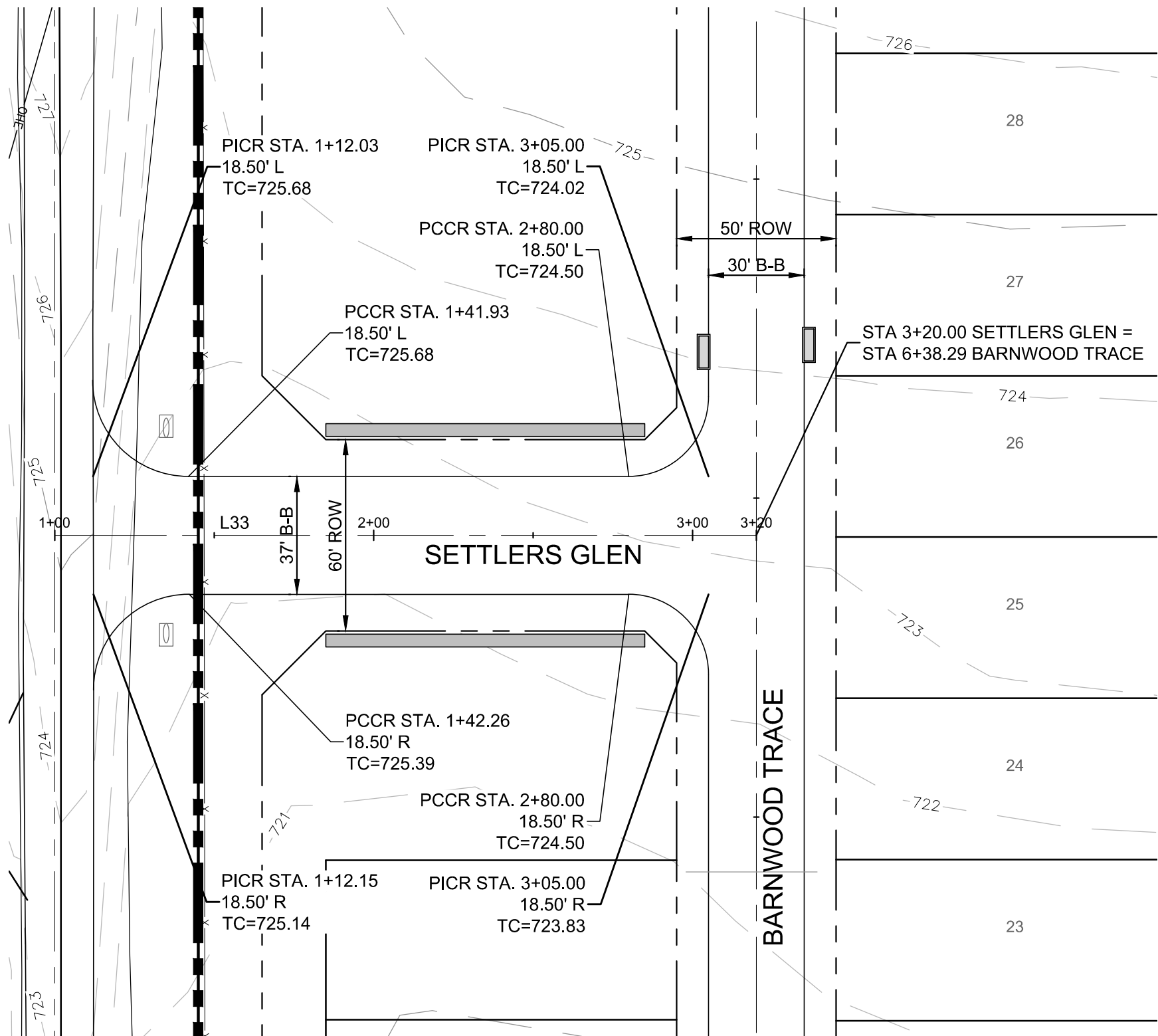


PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

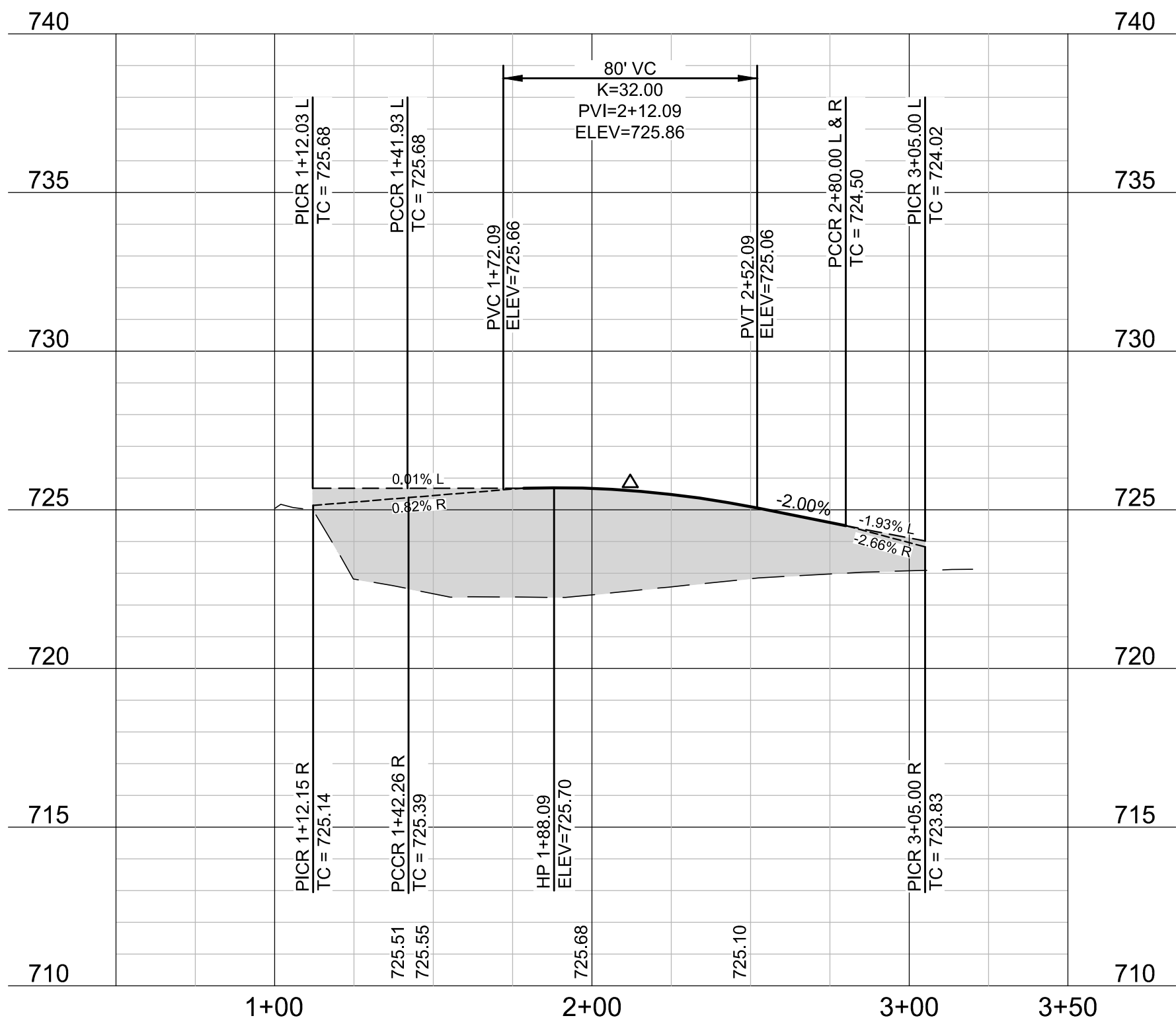
- SIDEWALK BY DEVELOPER
- PROPOSED CURB INLET
- PROPOSED RAMP
- INDICATES SIDE OF LOT WHERE DRIVEWAY MUST BE LOCATED

- NOTES:
- FOR TYPICAL PAVEMENT SECTIONS SEE SHEET 1.01.
 - REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - REFER TO LANDSCAPE/HARDSCAPE PLANS FOR SIDEWALKS TO BE BUILT BY DEVELOPER.
 - ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS.
 - ALL STREET CURB RETURNS ARE 20' RADIUS AND ALL ALLEY CURB RETURNS ARE 15' RADIUS UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS REFER TO TOP OF CURB UNLESS OTHERWISE NOTED.
 - BARRIER FREE RAMPS SHALL BE CONSTRUCTED BY PAVING CONTRACTOR.



| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L33 | 220.00' | N00° 25' 23"W |

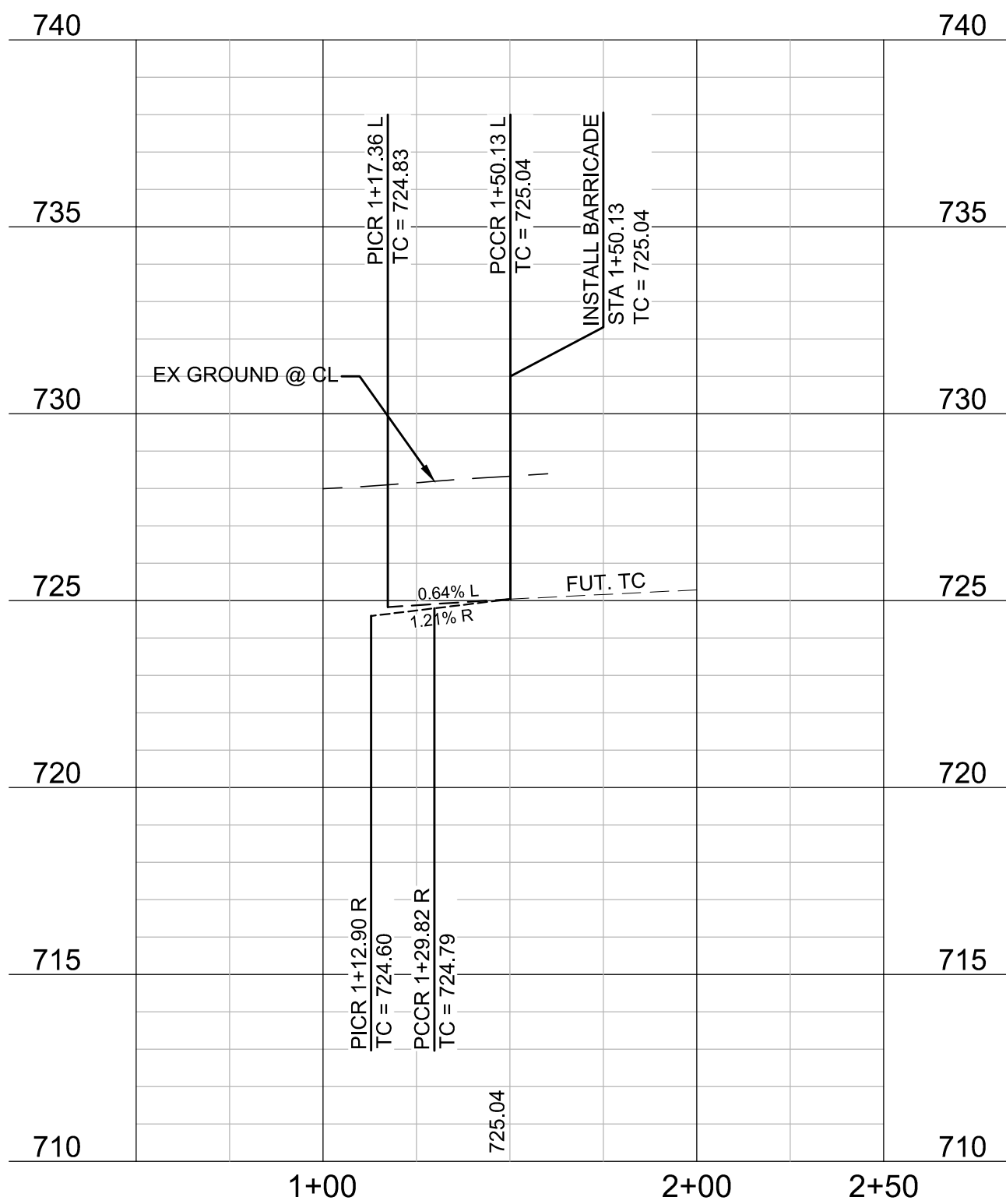
SETTLERS GLEN



| CURVE TABLE | | | | | |
|-------------|--------------|---------|---------|--------|--------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD |
| C17 | 011° 44' 36" | 200.00' | 20.57' | 40.99' | 40.92' |

FIRELIGHT PLACE

| LINE TABLE | | |
|------------|--------|---------------|
| LINE | LENGTH | BEARING |
| L34 | 19.14' | N00° 25' 23"W |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

VENETIAN AT WESTON, PHASE 1

PAVING PLAN & PROFILES - SETTLERS GLEN & FIRELIGHT PLACE

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 1.15 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



0 40' 80'
SCALE: 1" = 40'

LEGEND

| | |
|--|--------------------------|
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | RETAINING WALL |
| | 100 YEAR FLOODPLAIN LINE |
| | EXPOSED GRADE BEAM |
| | EXISTING SPOT ELEVATION |
| | PROPOSED SPOT ELEVATION |
| | FINISHED PAD |
| | TOP OF WALL |
| | BOTTOM OF WALL |
| | END OF WALL |
| | HIGH POINT |
| | LOW POINT |

NOTES:

- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES.
- STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO BE COMPLETELY IMPLEMENTED PRIOR TO ANY GRADING WORK.
- GRADING SHALL NOT CREATE LOT-TO-LOT DRAINAGE CONDITION UNLESS APPROVED BY CITY OR DISTRICT ENGINEER DURING DESIGN AND EASEMENTS ARE PROVIDED.
- RETAINING WALLS TO BE PLACED ENTIRELY ON THE HIGH SIDE LOT, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT THE SITE FROM ALL OFFSITE AREAS.
- THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
- WALL INFORMATION SHOWN ON PLANS IS TO BE USED FOR HEIGHT AND LOCATION PURPOSES ONLY. ACTUAL RETAINING WALL AND SLOPE STABILITY DESIGN BY OTHERS.
- SPECIFICATIONS FOR CONSTRUCTION AND TESTING FOR EXCAVATION AND FILLING ON PRIVATE LOTS SHALL BE PROVIDED BY THE PROJECT'S GEOTECHNICAL ENGINEER. SPECIFICATIONS FOR CONSTRUCTION AND TESTING FOR EXCAVATION AND FILLING WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE CONTROLLED BY THE MORE STRINGENT REQUIREMENTS OF THE GOVERNING AGENCY OR THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SPECIFICATIONS FROM THE GEOTECHNICAL ENGINEER AND GOVERNING AGENCY PRIOR TO COMMENCING WORK.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12007

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 84971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

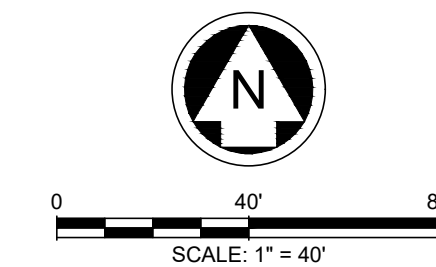
VENETIAN AT WESTON, PHASE 1

GRADING PLAN








WESTON, COLLIN COUNTY, TEXAS



| | | | |
|---------------|---------------------|----------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN200001 | SHEET: 2.01 |
| DESIGNED: MCM | | | |
| REVIEWER: JWR | | | |



LEGEND

| | |
|--|--------------------------|
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED MINOR CONTOUR |
|  | EXISTING MAJOR CONTOUR |
|  | EXISTING MINOR CONTOUR |
|  | RETAINING WALL |
|  | 100 YEAR FLOODPLAIN LINE |
| EB 1.0  | EXPOSED GRADE BEAM |
| × EX 532.5 | EXISTING SPOT ELEVATION |
| X 532.5 | PROPOSED SPOT ELEVATION |
| FP 532.5 | FINISHED PAD |
| TW 519.2 | TOP OF WALL |
| BW 518.7 X | BOTTOM OF WALL |
| EW 518.7 X | END OF WALL |
| HP | HIGH POINT |
| LP | LOW POINT |

NOTES:

1. REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES.
2. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO BE COMPLETELY IMPLEMENTED PRIOR TO ANY GRADING WORK.
3. GRADING SHALL NOT CREATE LOT-TO-LOT DRAINAGE CONDITION UNLESS APPROVED BY CITY OR DISTRICT ENGINEER DURING DESIGN AND EASEMENTS AGREEMENT.
4. RETAINING WALLS TO BE PLACED ENTIRELY ON THE HIGH SIDE LOT, UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT THE SITE FROM ALL OFFSITE AREAS.
6. THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
7. ALL INFORMATION TO BE USED FOR HEIGHT AND LOCATION PURPOSES ONLY. ACTUAL RETAINING WALL AND SOLE STABILITY DESIGN BY OTHERS.
8. SPECIFICATIONS FOR CONSTRUCTION AND TESTING FOR EXCAVATION AND FILLING ON PRIVATE LOTS SHALL BE PROVIDED BY THE PROJECT'S GEOTECHNICAL ENGINEER. SPECIFICATIONS FOR CONSTRUCTION AND TESTING FOR EXCAVATION AND FILLING WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE PROVIDED BY THE CITY OF WESTON'S GEOTECHNICAL ENGINEER.
9. THE GOVERNING AGENCY OR THE GEOTECHNICAL ENGINEER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SPECIFICATIONS FROM THE GEOTECHNICAL ENGINEER AND GOVERNING AGENCY PRIOR TO COMMENCING WORK.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'

| OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. | | |
|---|------|----------|
| NO. | DATE | REVISION |
| | | |
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

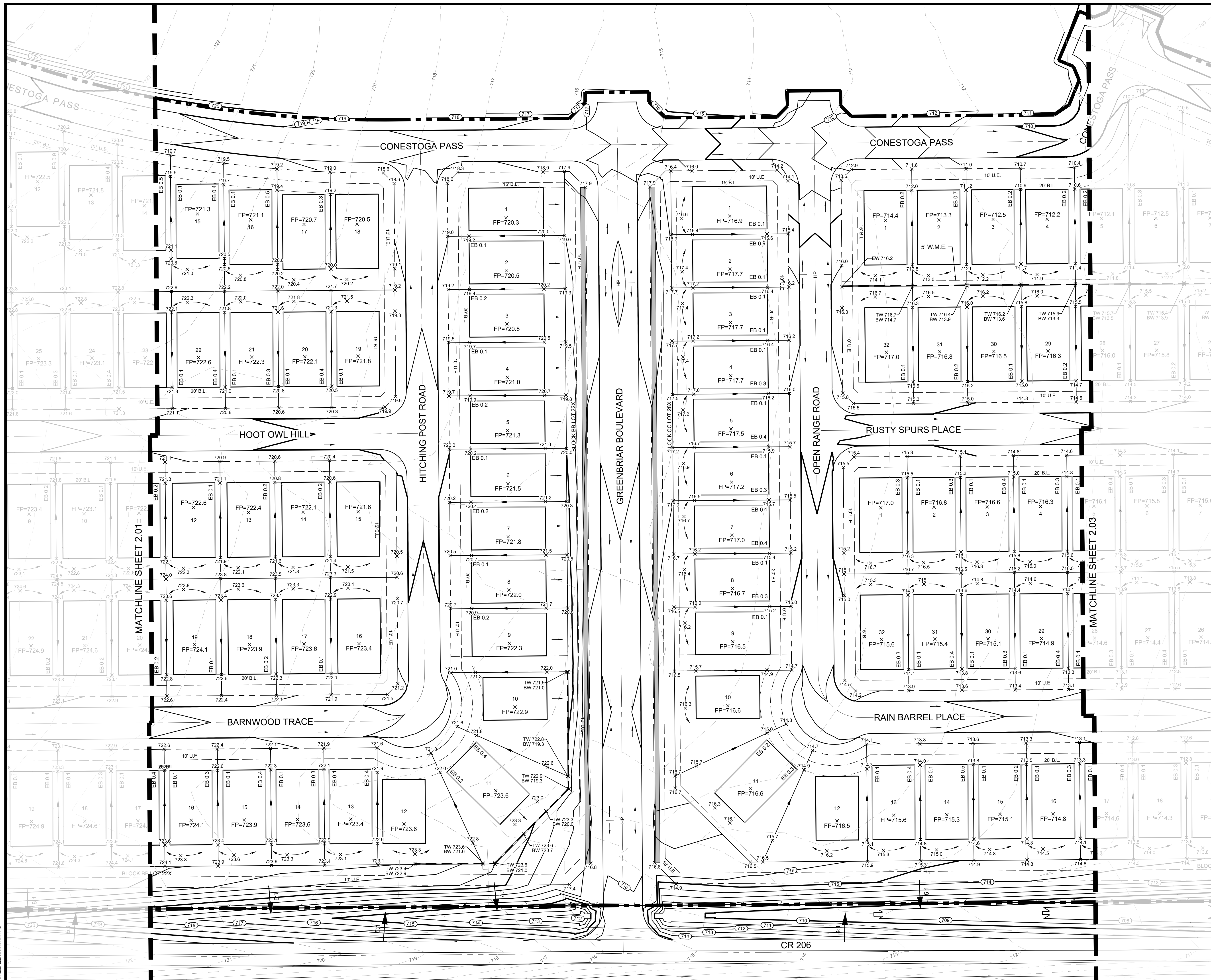
GRADING PLAN

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 7503
FRISCO OFFICE PHONE: (469) 213-1800

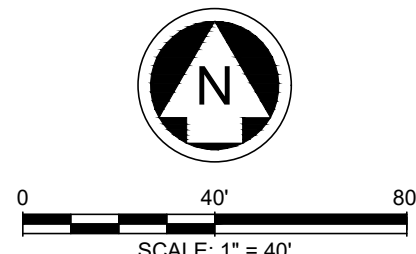
| | | | |
|---------------|----------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER | LEN20001 | 2.02 |
| REVIEWER: JWR | 2020 | | |



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- | | |
|--|--------------------------|
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | RETAINING WALL |
| | 100 YEAR FLOODPLAIN LINE |
| | EXPOSED GRADE BEAM |
| | EXISTING SPOT ELEVATION |
| | PROPOSED SPOT ELEVATION |
| | FINISHED PAD |
| | TOP OF WALL |
| | BOTTOM OF WALL |
| | END OF WALL |
| | HIGH POINT |
| | LOW POINT |

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES.
 - STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO BE COMPLETELY IMPLEMENTED PRIOR TO ANY GRADING WORK.
 - GRADING SHALL NOT CREATE LOT-TO-LOT DRAINAGE CONDITION UNLESS APPROVED BY CITY OR DISTRICT ENGINEER DURING DESIGN AND EASEMENTS ARE PROVIDED.
 - RETAINING WALLS TO BE PLACED ENTIRELY ON THE HIGH SIDE LOT, UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT THE SITE FROM ALL OFFSITE AREAS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - WALL INFORMATION SHOWN ON PLANS IS TO BE USED FOR HEIGHT AND LOCATION PURPOSES ONLY. ACTUAL RETAINING WALL AND SLOPE STABILITY DESIGN BY OTHERS.
 - SPECIFICATIONS FOR CONSTRUCTION AND TESTING FOR EXCAVATION AND FILLING ON PRIVATE LOTS SHALL BE PROVIDED BY THE PROJECT'S GEOTECHNICAL ENGINEER. SPECIFICATIONS FOR CONSTRUCTION AND TESTING FOR EXCAVATION AND FILLING WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE CONTROLLED BY THE MORE STRINGENT REQUIREMENTS OF THE GOVERNING AGENCY OR THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SPECIFICATIONS FROM THE GEOTECHNICAL ENGINEER AND GOVERNING AGENCY PRIOR TO COMMENCING WORK.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 84971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

GRADING PLAN

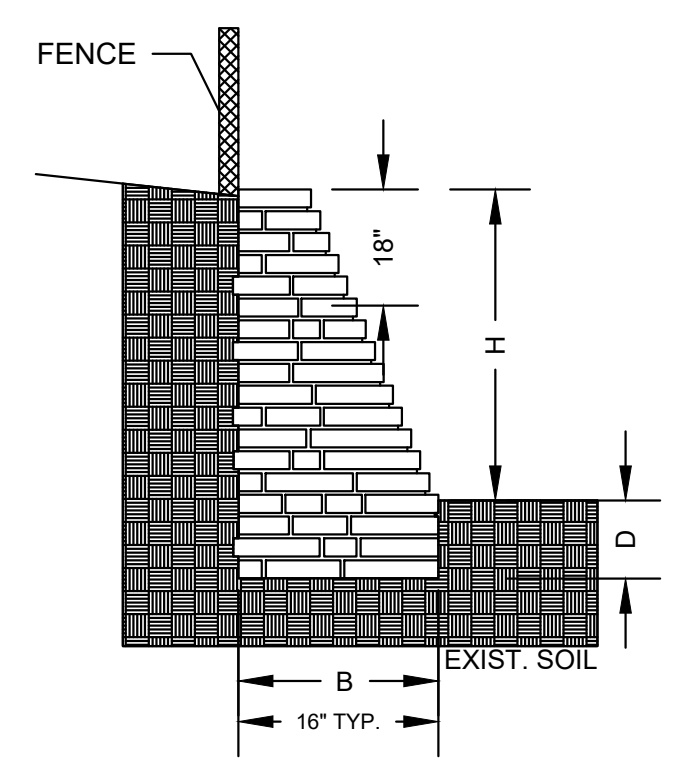
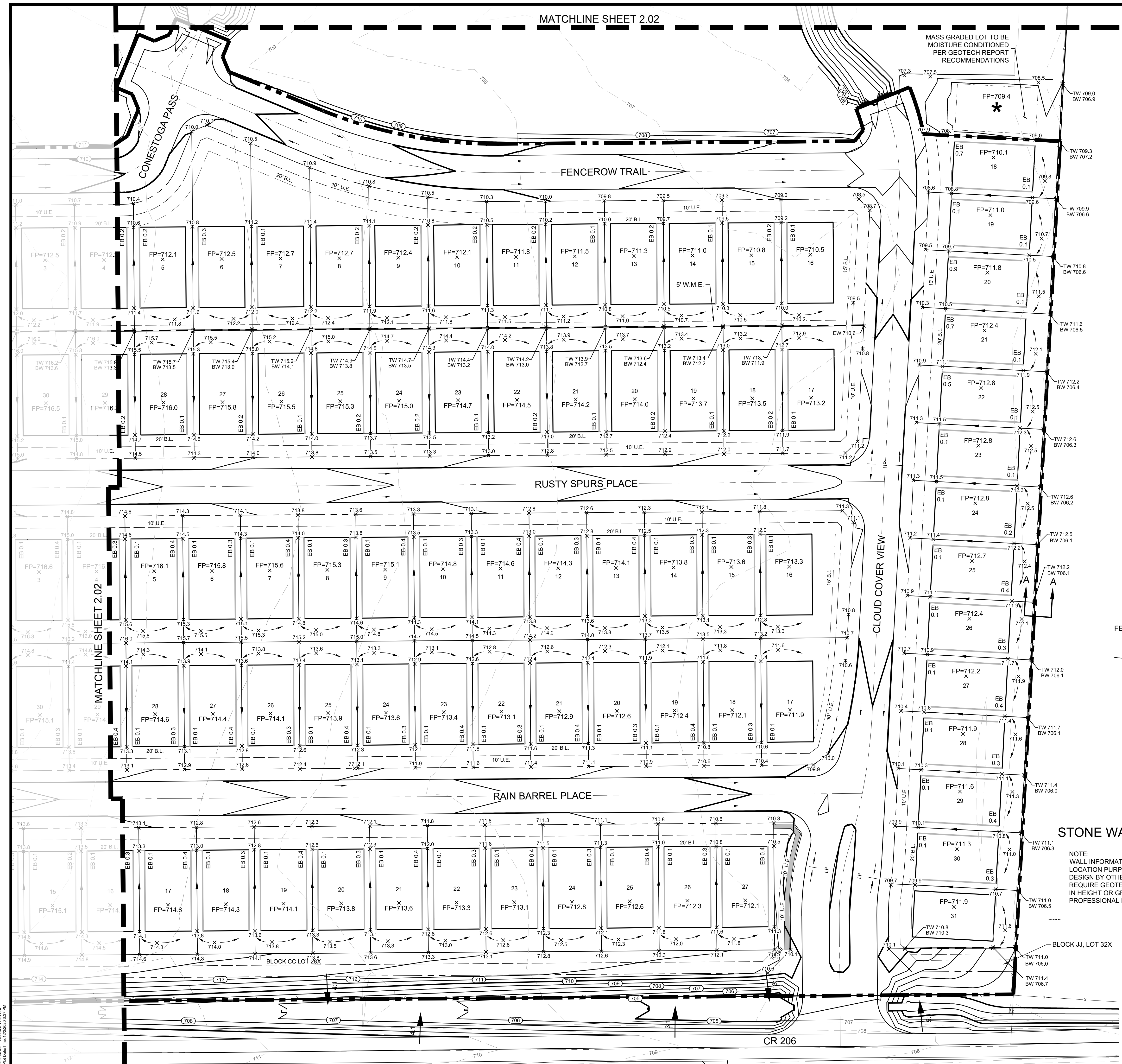
WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 2.03 |
| DESIGNED: MCM | | | |
| REVIEWER: JWR | | | |

MATCHLINE SHEET 2.02



STONE WALL SECTION - SECTION A-A
SCALE: N.T.S.

NOTE: WALL INFORMATION SHOWN ON PLANS IS TO BE USED FOR HEIGHT AND LOCATION PURPOSES ONLY. ACTUAL RETAINING WALL AND SLOPE STABILITY DESIGN BY OTHERS. ALL CONSTRUCTION ON SLOPES EXCEEDING 4:1 SHALL REQUIRE GEOTECHNICAL DESIGN FOR SLOPE AND SOIL STABILITY. WALLS 4' IN HEIGHT OR GREATER SHALL BE STRUCTURALLY DESIGNED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS.

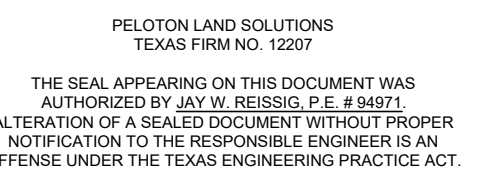
Drawing: J:\06\Weston\0101 - Venetian at Weston\Phase 1\Grading\LEN2001-C-GRADING
Last Saved: 12/27/2020 11:48 AM
Plot Date/Time: 12/28/2020 3:37 PM

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



- NOTES:
1. CONTRACTOR TO MAINTAIN 4:1 SIDE SLOPES MAX ON INTERIM BERMS & DITCHES.
 2. THE CONTRACTOR MUST REFER TO THE GEOTECHNICAL REPORT, FOUNDATION PLANS, AND LANDSCAPE PLANS FOR (1) ALL BACKFILL AND COMPACTION REQUIREMENTS, (2) FOUNDATION WATER PROOFING AND (3) UNDERDRAINS AND LANDSCAPE DRAINS AROUND THE PERIMETER OF THE BUILDING(S).
 3. LOTS MARKED WITH ★ ARE TO BE MASS GRADED BUT NOT FILL BENCHMARKED, UNLESS SPECIFICALLY STATED. THESE LOTS ARE NOT TO BE MOISTURE CONDITIONED.
 4. CONTRACTOR TO NOTIFY ENGINEER OF ANY FIELD DISCREPANCIES.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |



| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 2.04 |
| REVIEWER: JWR | | | |



| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |



- NOTES:
1. CONTRACTOR TO MAINTAIN 4:1 SIDE SLOPES MAX ON INTERIM BERMS & DITCHES.
 2. THE CONTRACTOR MUST REFER TO THE GEOTECHNICAL REPORT, FOUNDATION PLANS, AND LANDSCAPE PLANS FOR: (1) ALL BACKFILL AND COMPACTION REQUIREMENTS (2) FOUNDATION WATER PROOFING AND (3) UNDERDRAINS AND LANDSCAPE DRAINS AROUND THE PERIMETER OF THE BUILDINGS(S).
 3. LOTS MARKED WITH * ARE TO BE MASS GRADED BUT NOT FINAL BENCHMARKED. UNLESS SPECIFICALLY STATED, THESE LOTS ARE NOT TO BE MOISTURE CONDITIONED.
 4. CONTRACTOR TO NOTIFY ENGINEER OF ANY FIELD DISCREPANCIES.

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'

PELTON LAND SOLUTION
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. #94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |

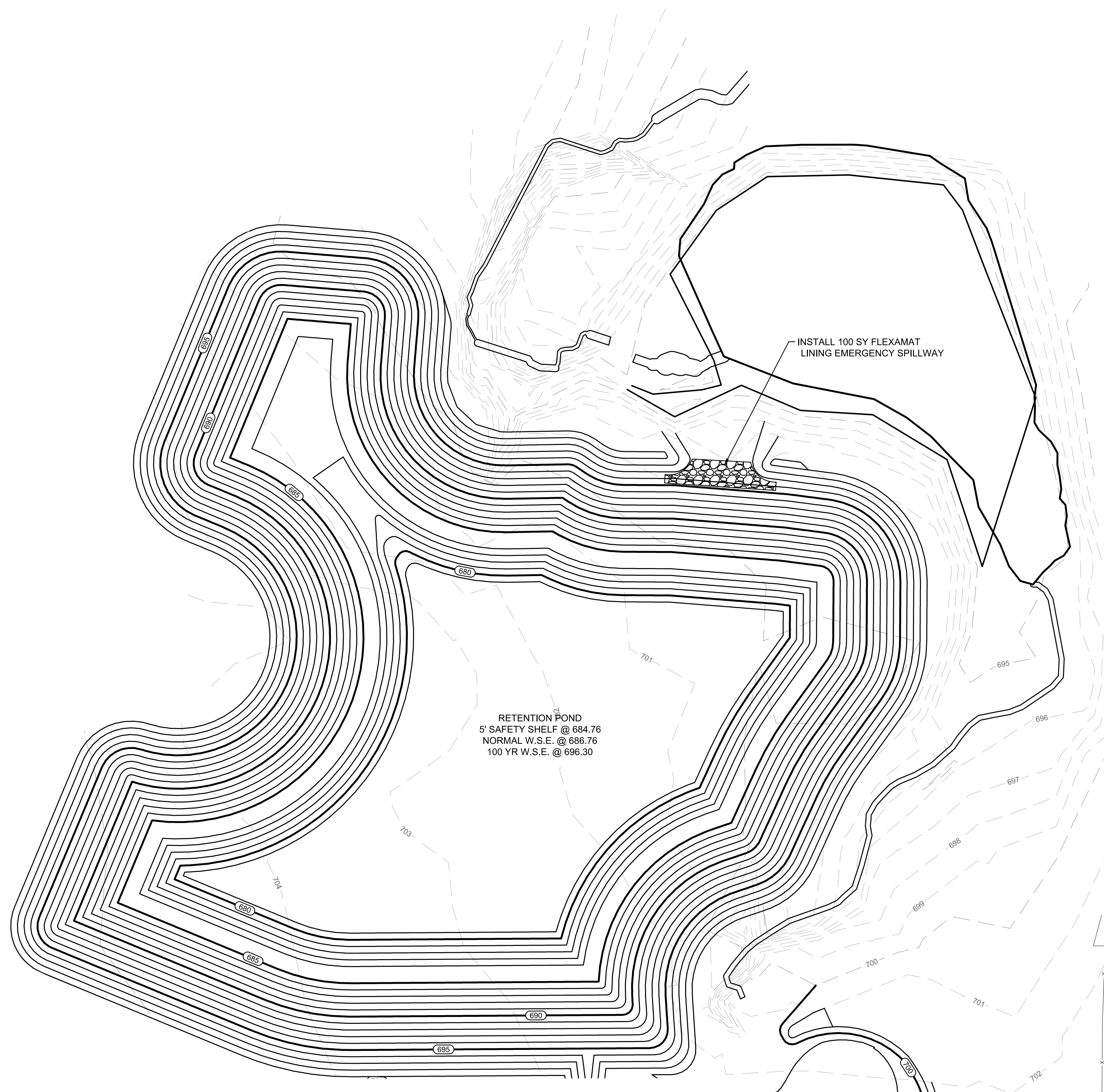
POND GRADING



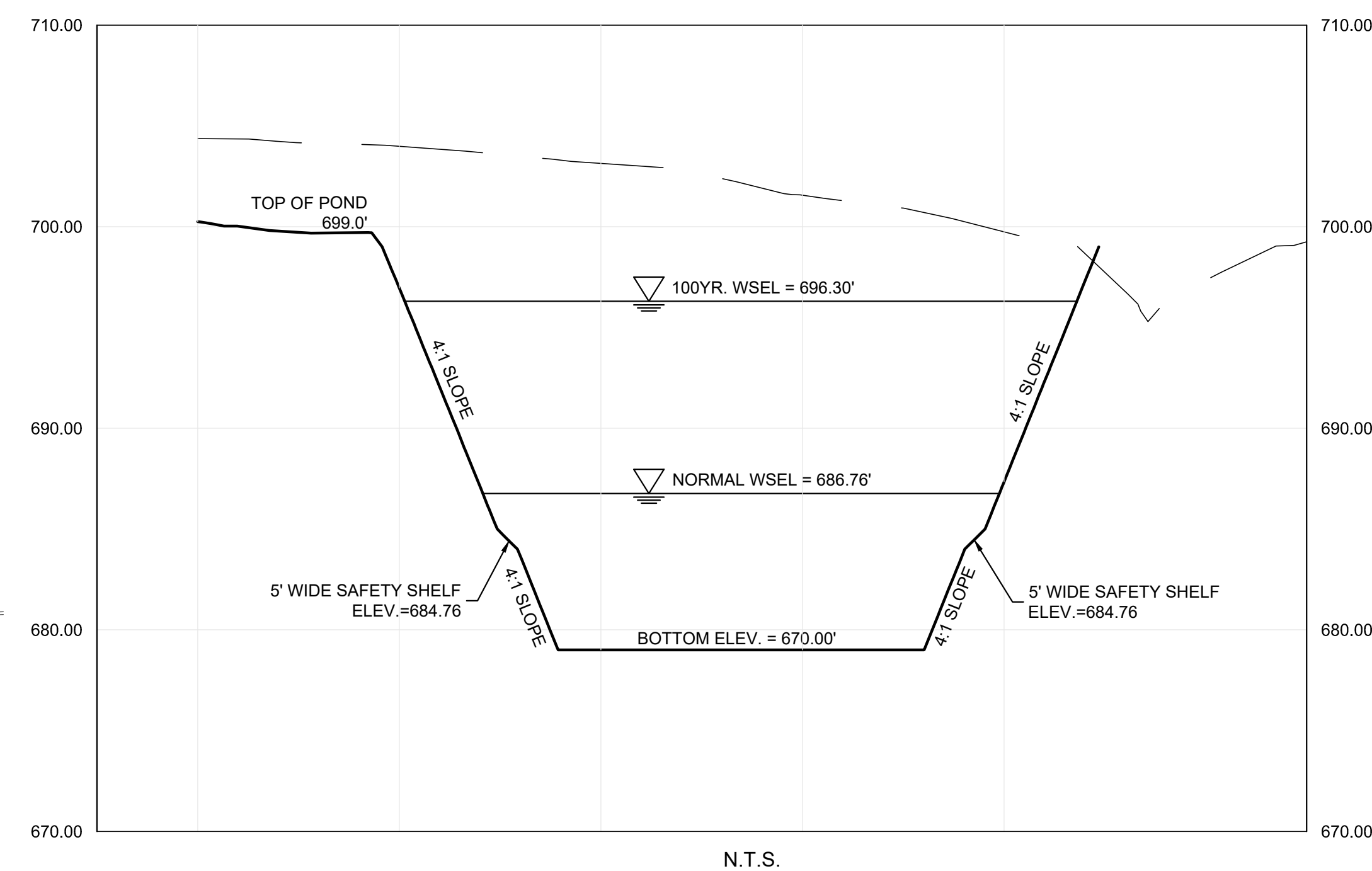
PELOTON
LAND SOLUTIONS

TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75034
FRISCO OFFICE PHONE: (469) 213-1800

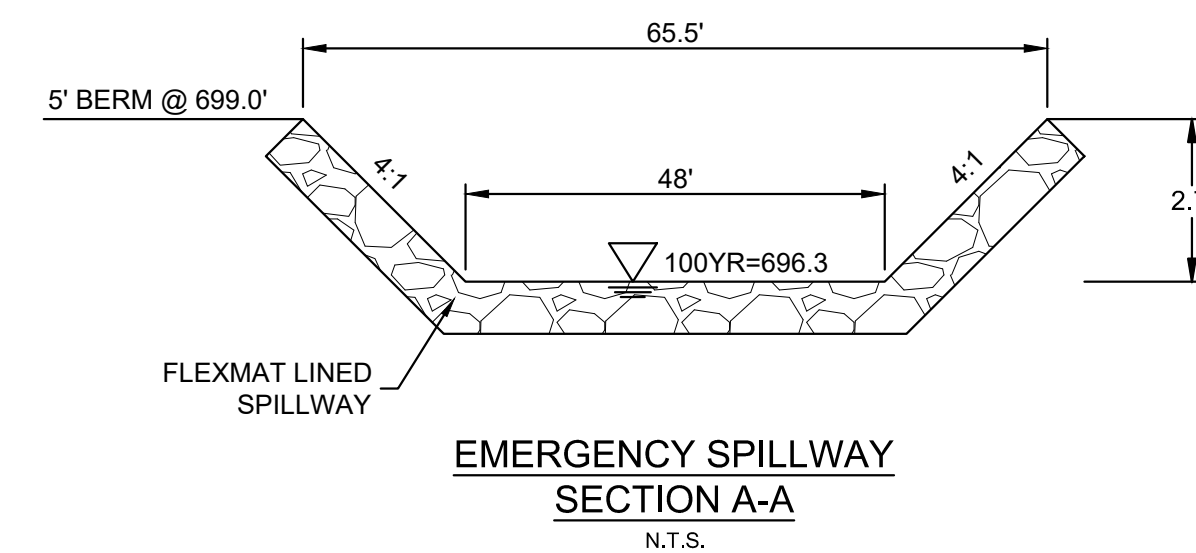
| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 2.05 |
| REVIEWER: JWR | | | |



POND PROFILE

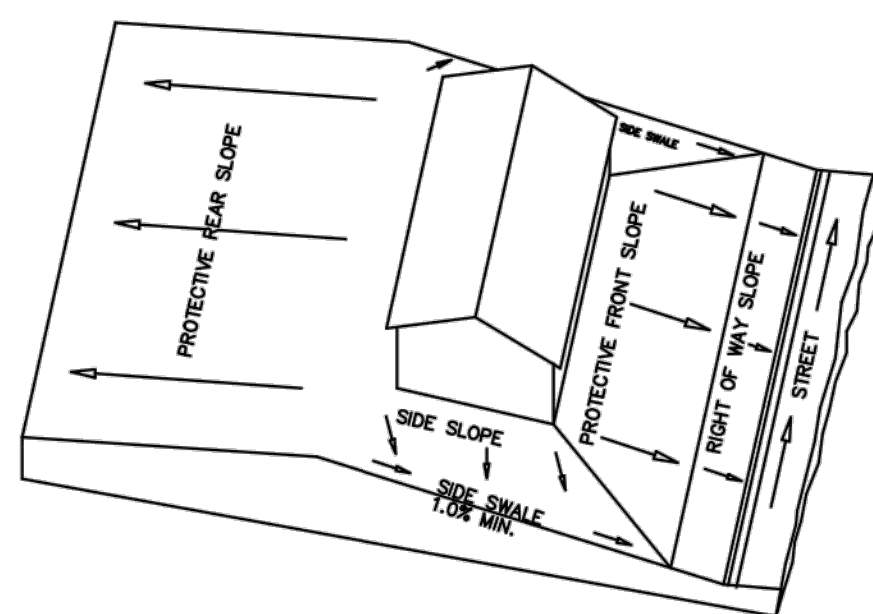


EMERGENCY SPILLWAY
SECTION A-A





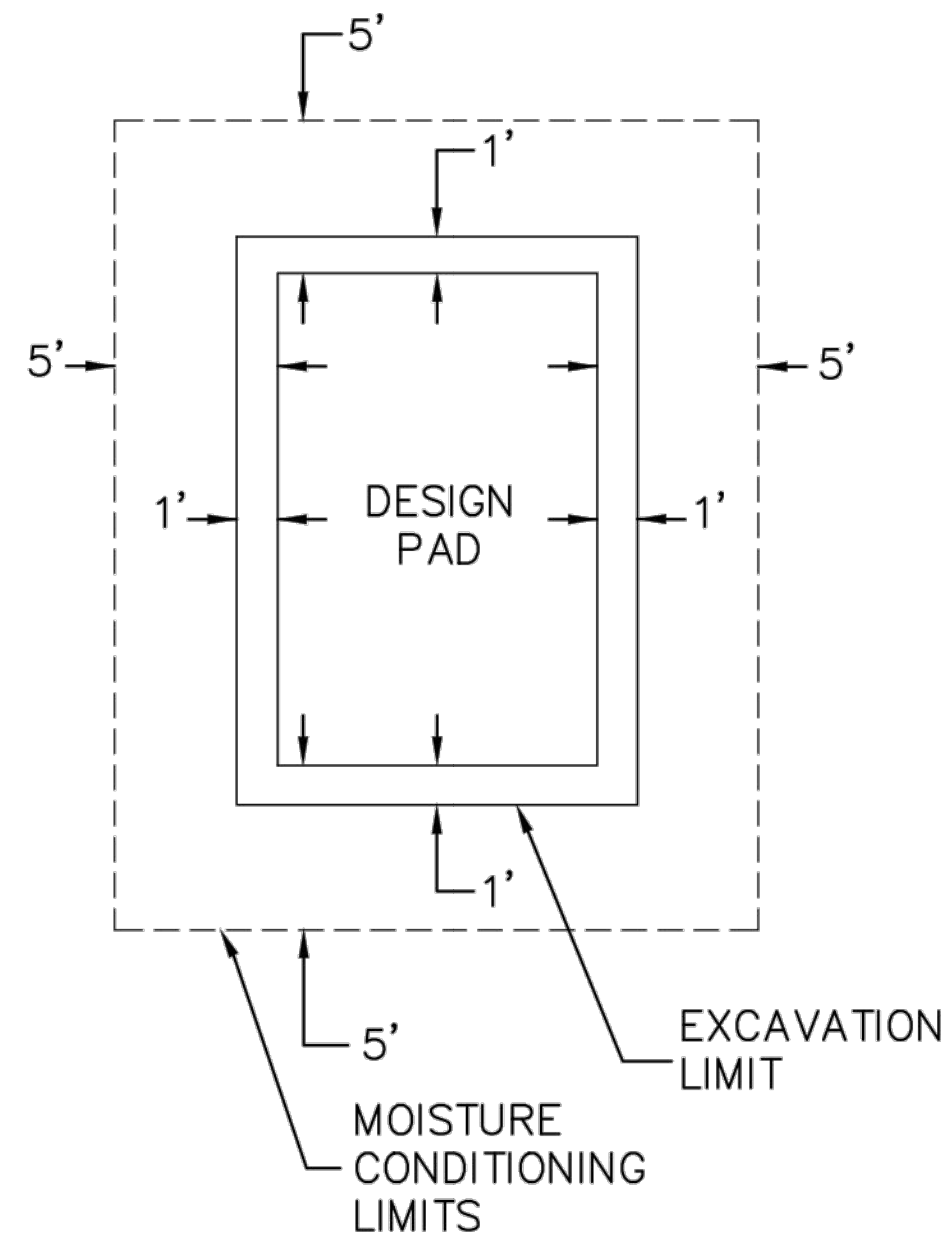
LOT GRADING TYPE A



LOT GRADING TYPE B

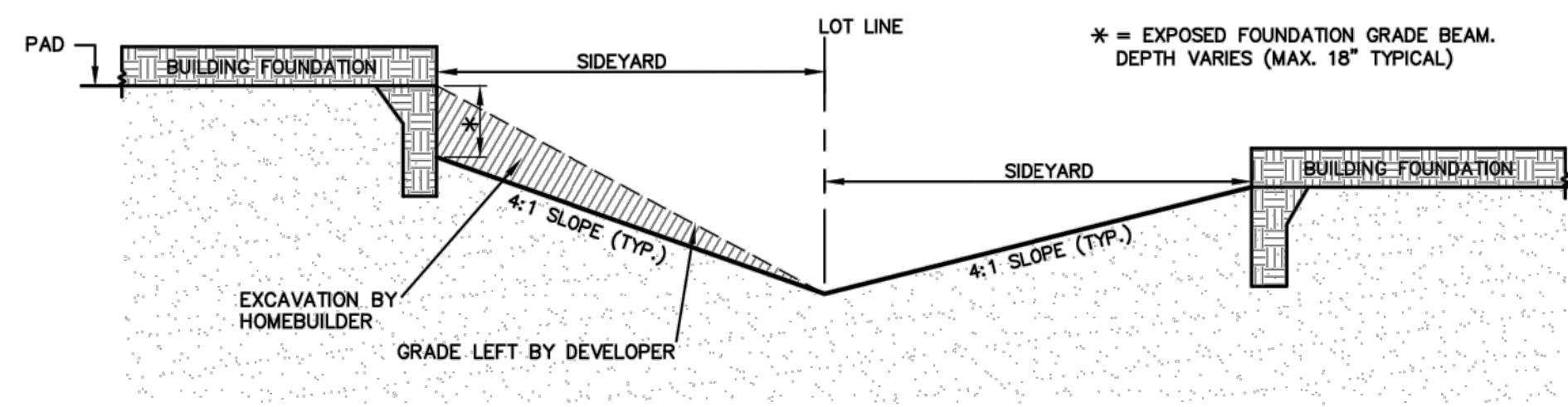


TYPICAL GRADING CROSS SECTION
N.T.S.

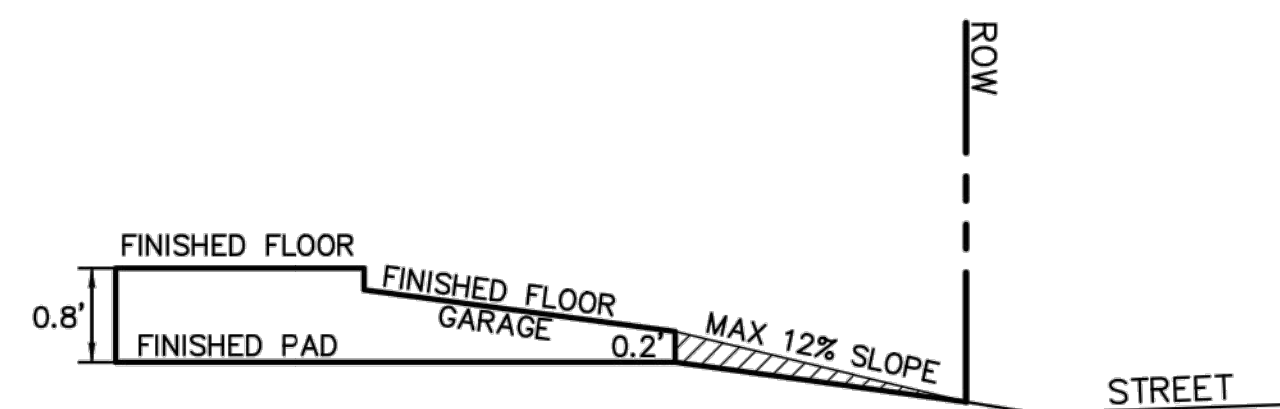


EXCAVATION NOTES:

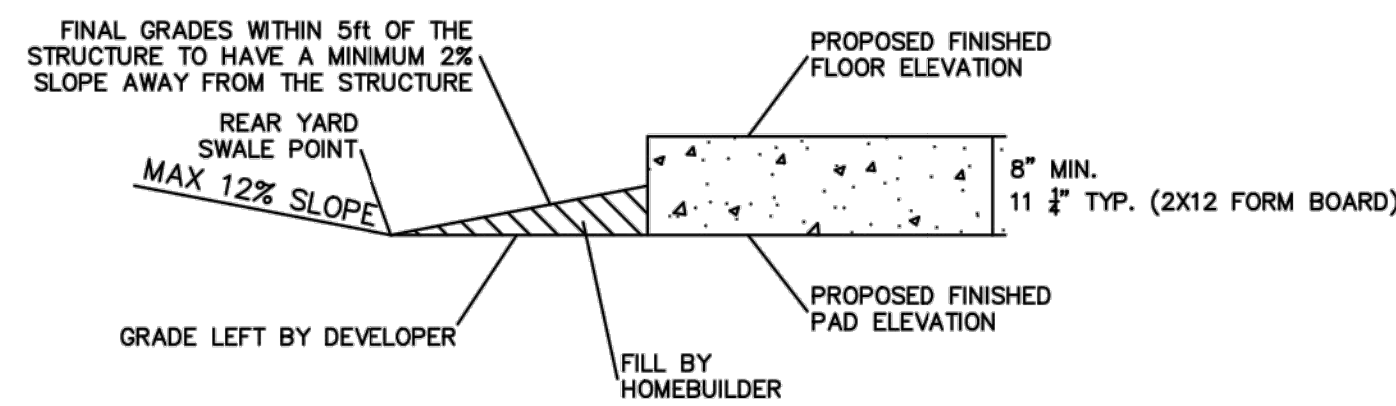
1. CONTRACTOR TO BUILD PAD
1' BEYOND DESIGN PAD.
2. CONTRACTOR TO MOISTURE
CONDITION 5' BEYOND PAD PER
GEOTECH RECOMMENDATIONS.



TYPICAL SECTION OF SIDEYARD
SWALE W/ DROPPED GRADE BEAM.
N.T.S.



DRIVEWAY DETAIL
N.T.S.



REAR YARD GRADING DETAIL

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

GRADING NOTES

1. Storm water pollution prevention plan (SWPPP) to be completely implemented prior to any grading work.
2. Grading shall not create lot-to-lot drainage condition unless approved by city or district engineer during design and easements are provided.
3. Retaining walls to be placed entirely on the high side lot, unless otherwise noted.
4. The contractor shall be responsible for maintaining positive drainage throughout the site from all offsite areas.
5. Specifications for construction and testing for excavation and filling on private lots shall be provided by the project's geotechnical engineer. Specifications for construction and testing for excavation and filling within public right-of-ways shall be controlled by the more stringent requirements of the governing agency or the geotechnical engineer. The contractor shall be responsible for obtaining the specifications from the geotechnical engineer and governing agency prior to commencing work.
6. The contractor shall be responsible for scheduling testing of the excavation and filling with the owner's testing laboratory. If the contractor is responsible for obtaining the testing laboratory, the selected testing laboratory shall be approved by the owner.
7. Retaining walls 2'-4' in height may require a separate permit from the building inspection department, contractor to confirm. Retaining walls over 4' in height must be designed by an engineer registered in the State of Texas.
8. Retaining walls & gabion walls shown on this plan are for location and elevation purposes only. Structural stability engineering of the retaining walls are not part of the design responsibility of JBI Partners.
9. Any slopes greater than 3:1 shall be reviewed by the owner's geotechnical engineer for stability purposes. All slopes are designed at a maximum of 4 horizontal to 1 vertical unless otherwise noted.
10. JBI Partners is not responsible for surface or sub-surface geotechnical and soil recommendations of building pads, subgrades, slopes, trenches, or other excavations. Finish grade elevations shown are for positive drainage purposes only. JBI Partners shall not be responsible for failures associated with soil expansion, settlement, slope failures, subsidence, or any other geological condition.
11. The retaining wall contractor shall identify the locations of the screening walls and fences to coordinate the construction of any improvements affecting the retaining walls.

BENCHMARKS

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'



PELTON LAND SOLUTION

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT: | | |
|---|------|----------|
| NO. | DATE | REVISION |
| | | |
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

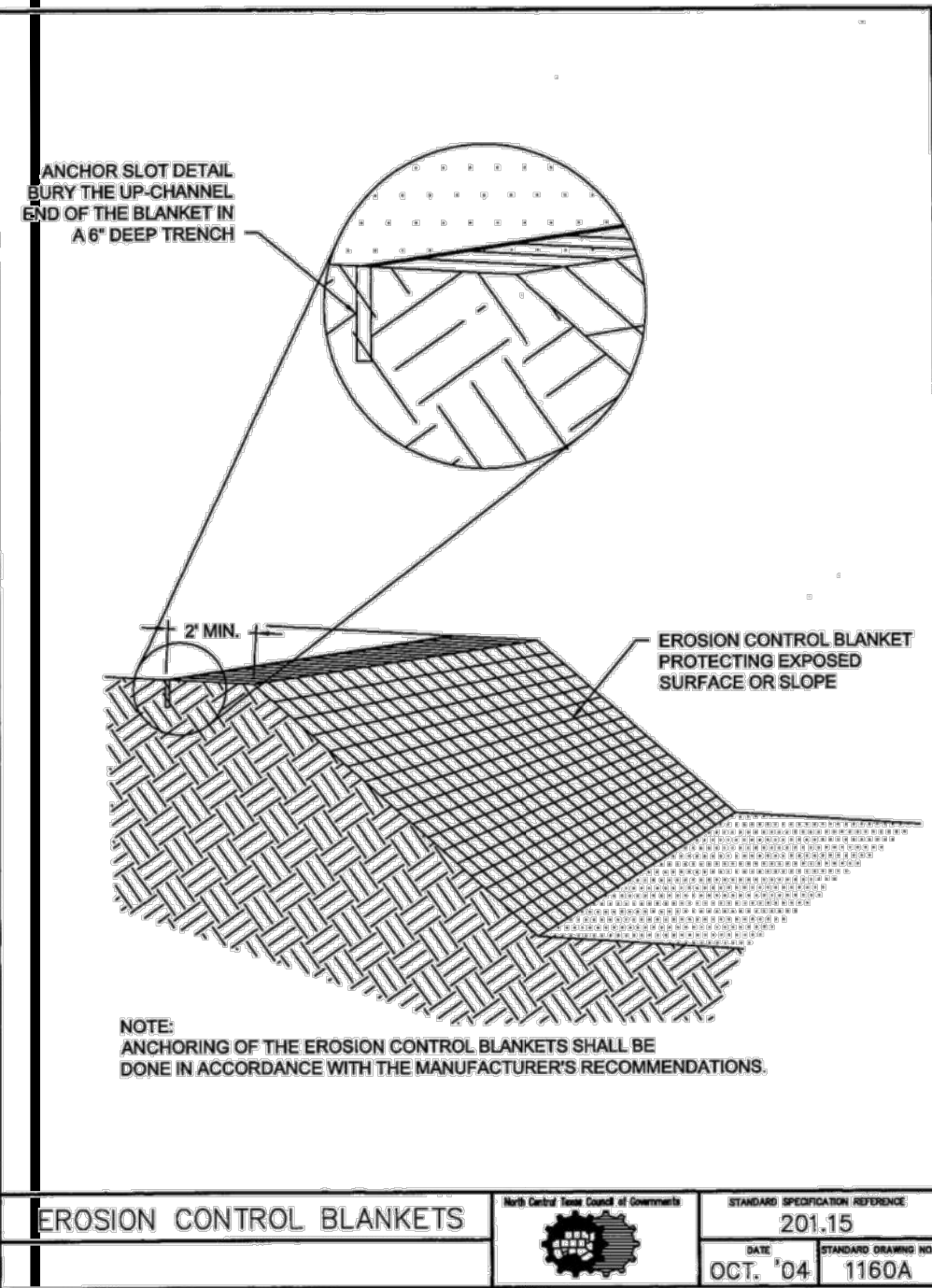
GRADING DETAILS

WESTON, COLLIN COUNTY, TEXAS

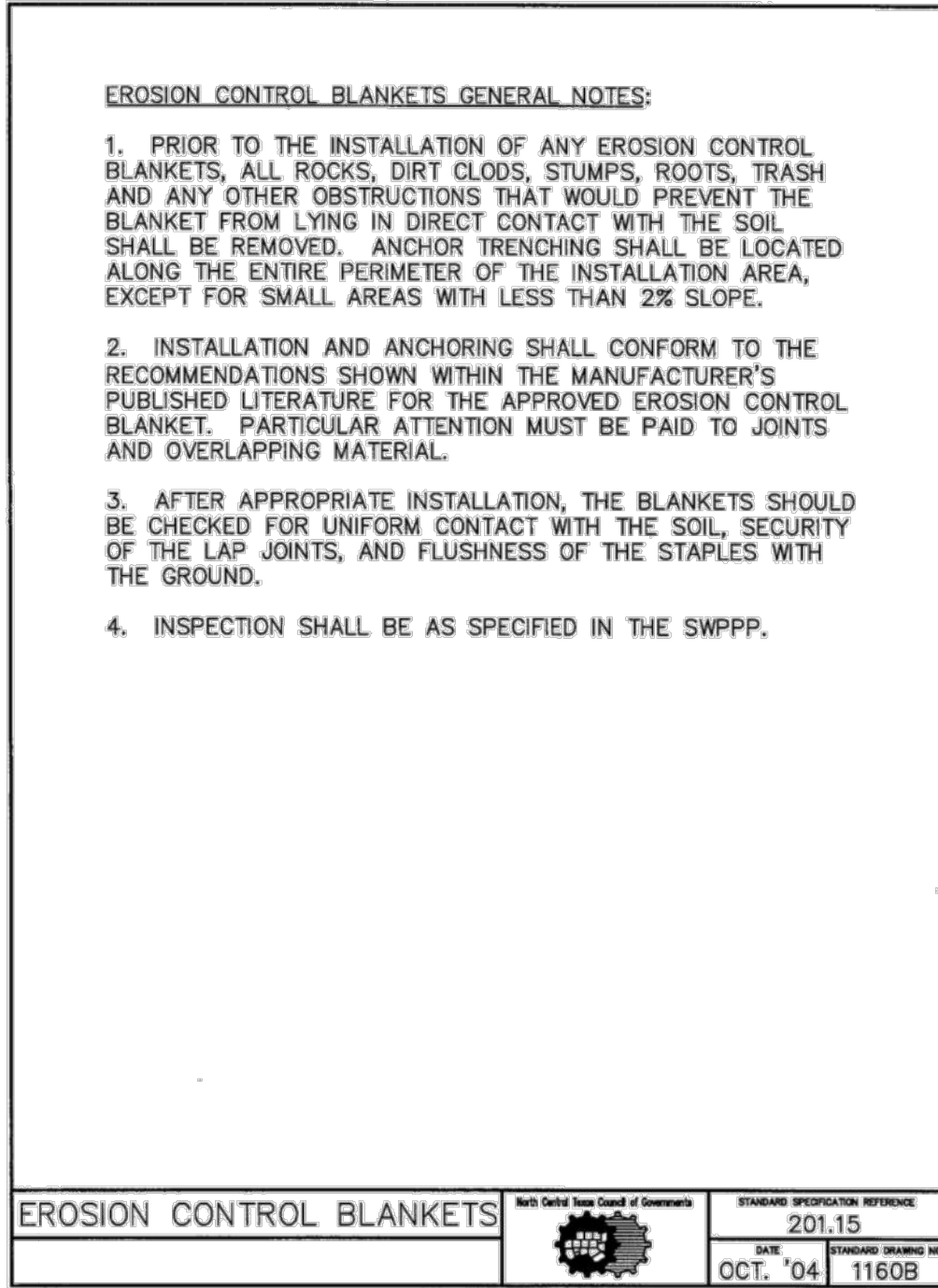


TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75034
FRISCO OFFICE PHONE: (469) 213-1800

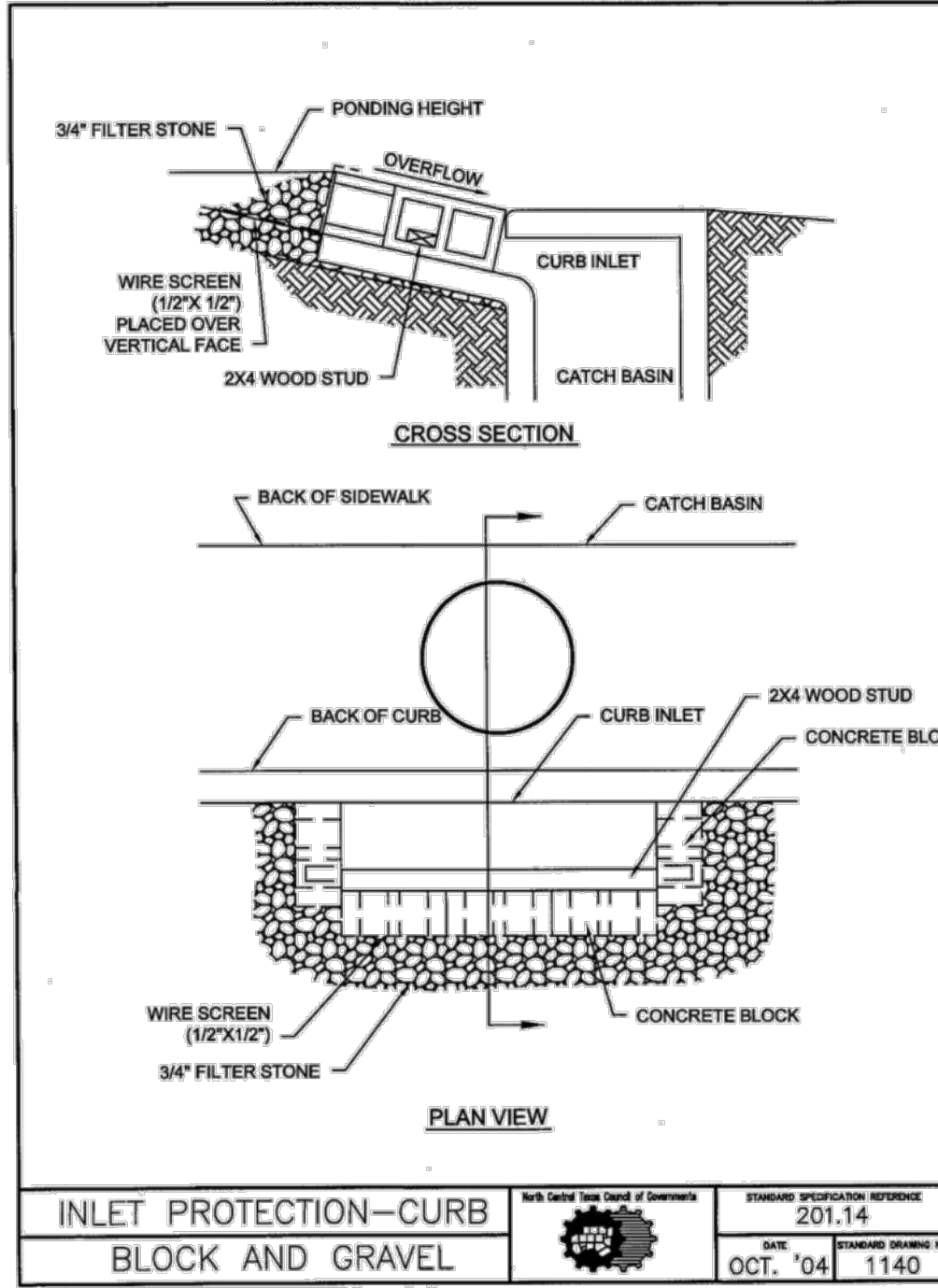
| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 2.06 |
| REVIEWER: JWR | | | |



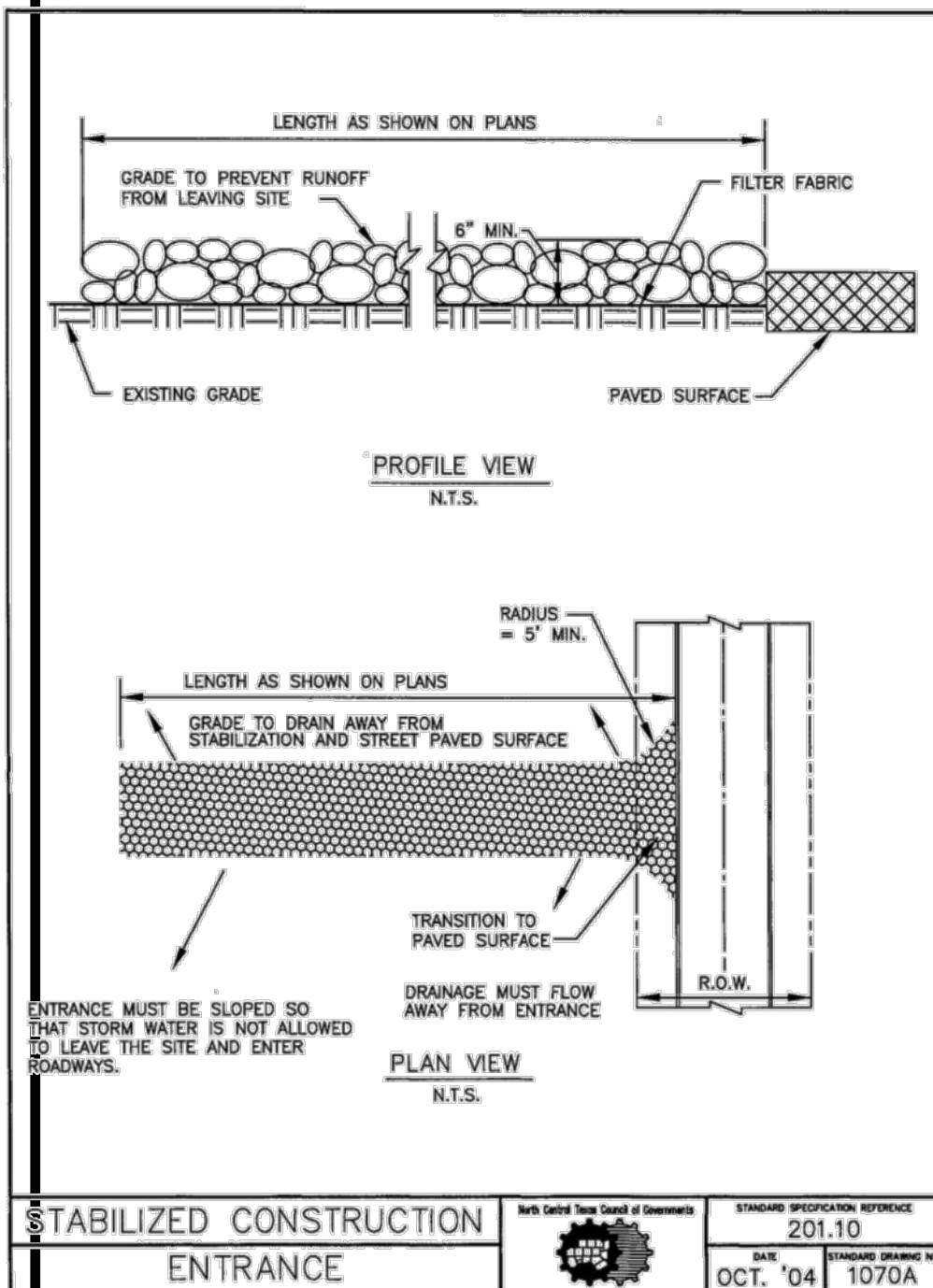
| | | |
|--------------------------|---|----------------------------------|
| EROSION CONTROL BLANKETS | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.15 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1160A |



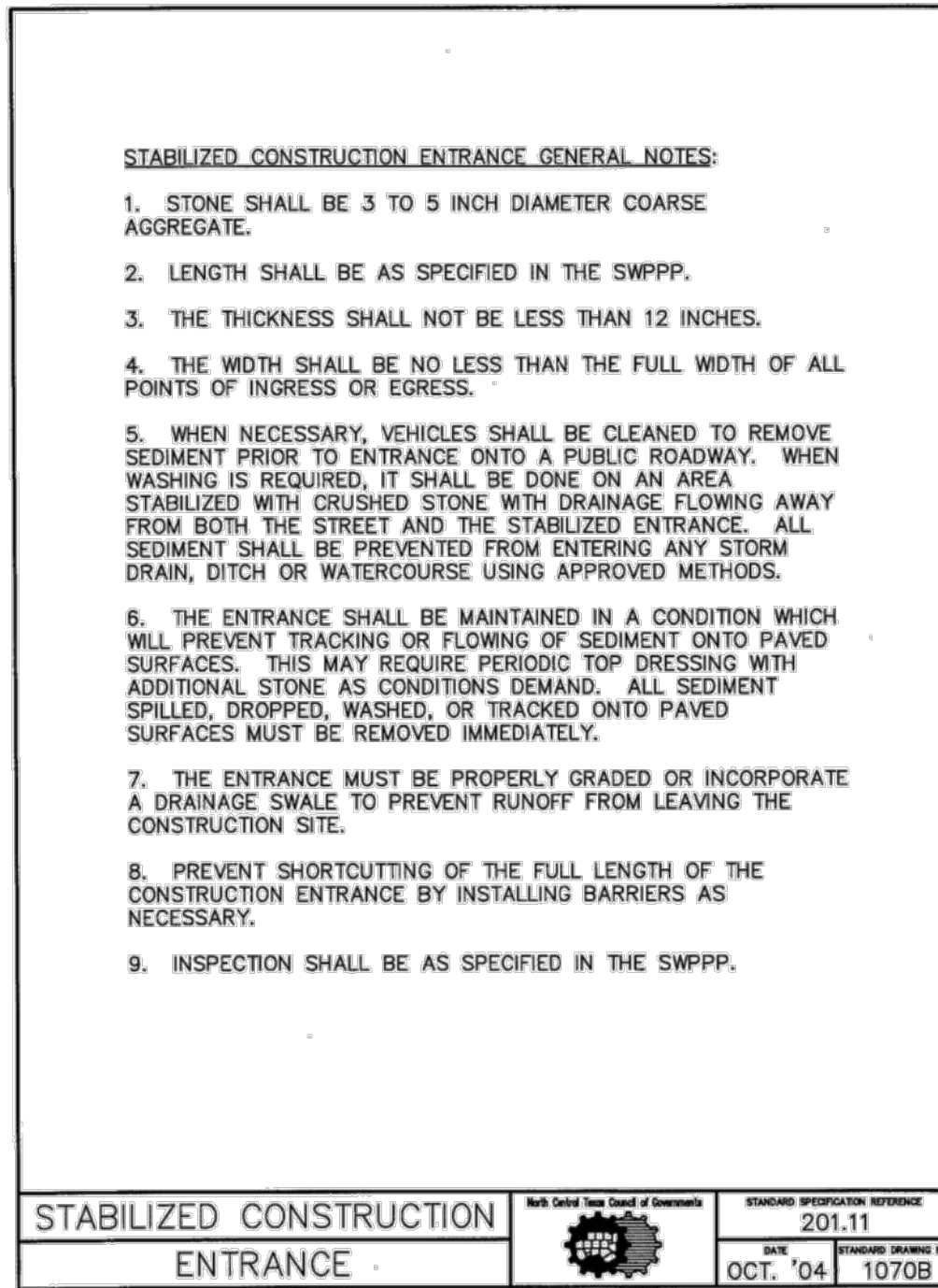
| | | |
|--------------------------|---|----------------------------------|
| EROSION CONTROL BLANKETS | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.15 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1160B |



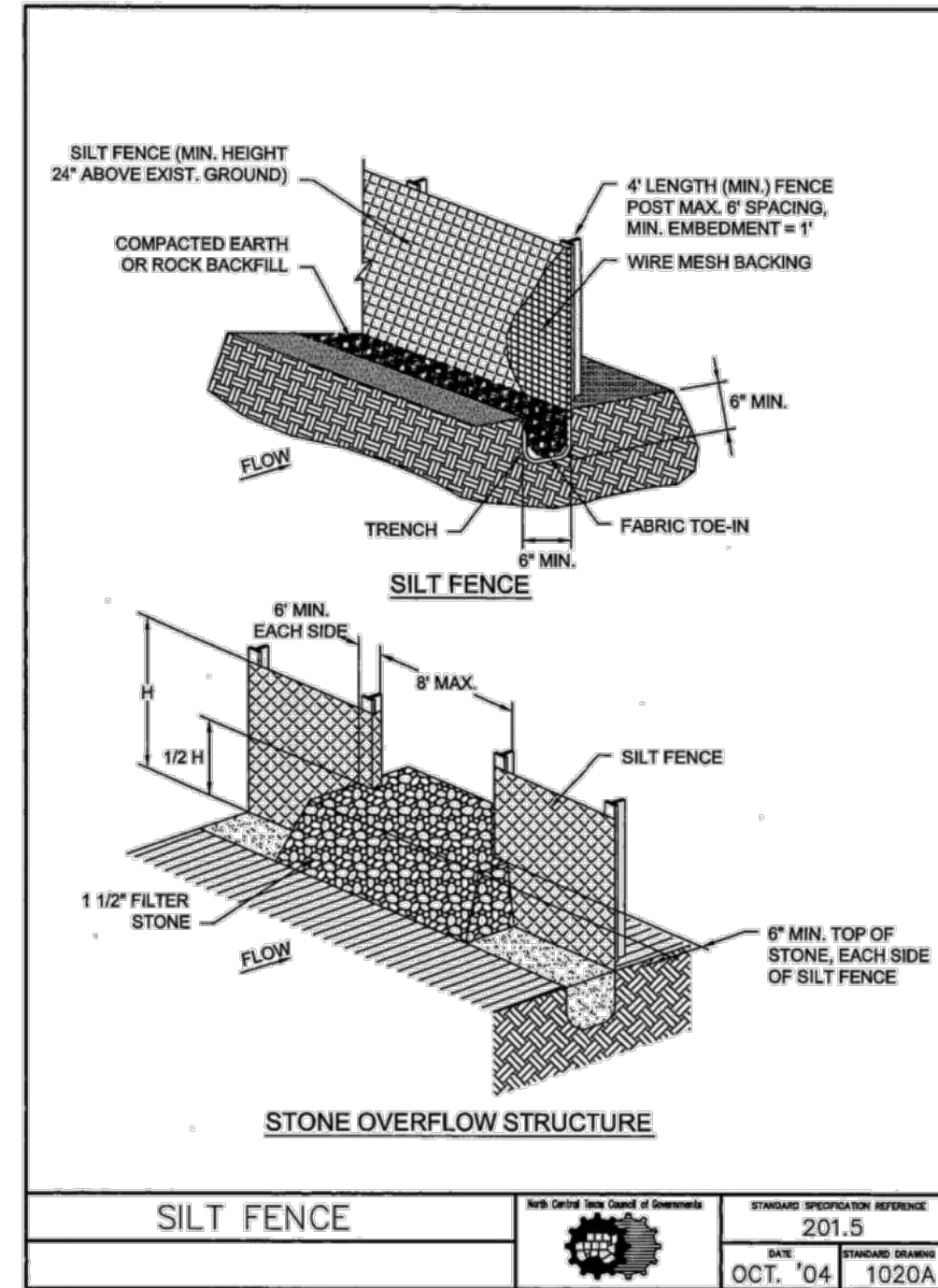
| | | |
|--|---|----------------------------------|
| INLET PROTECTION-CURB BLOCK AND GRAVEL | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.14 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1140 |



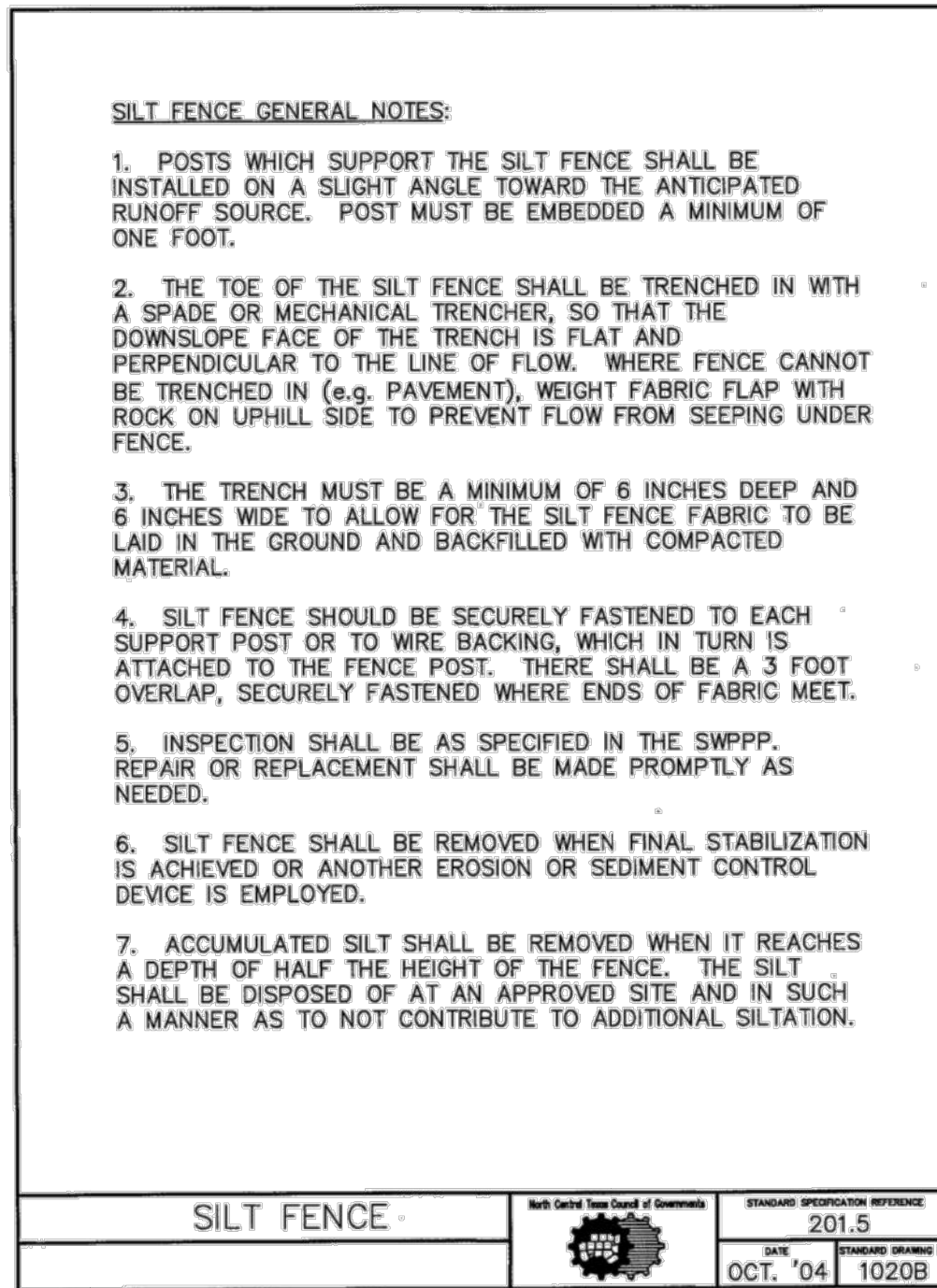
| | | |
|----------------------------------|---|----------------------------------|
| STABILIZED CONSTRUCTION ENTRANCE | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.10 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1070A |



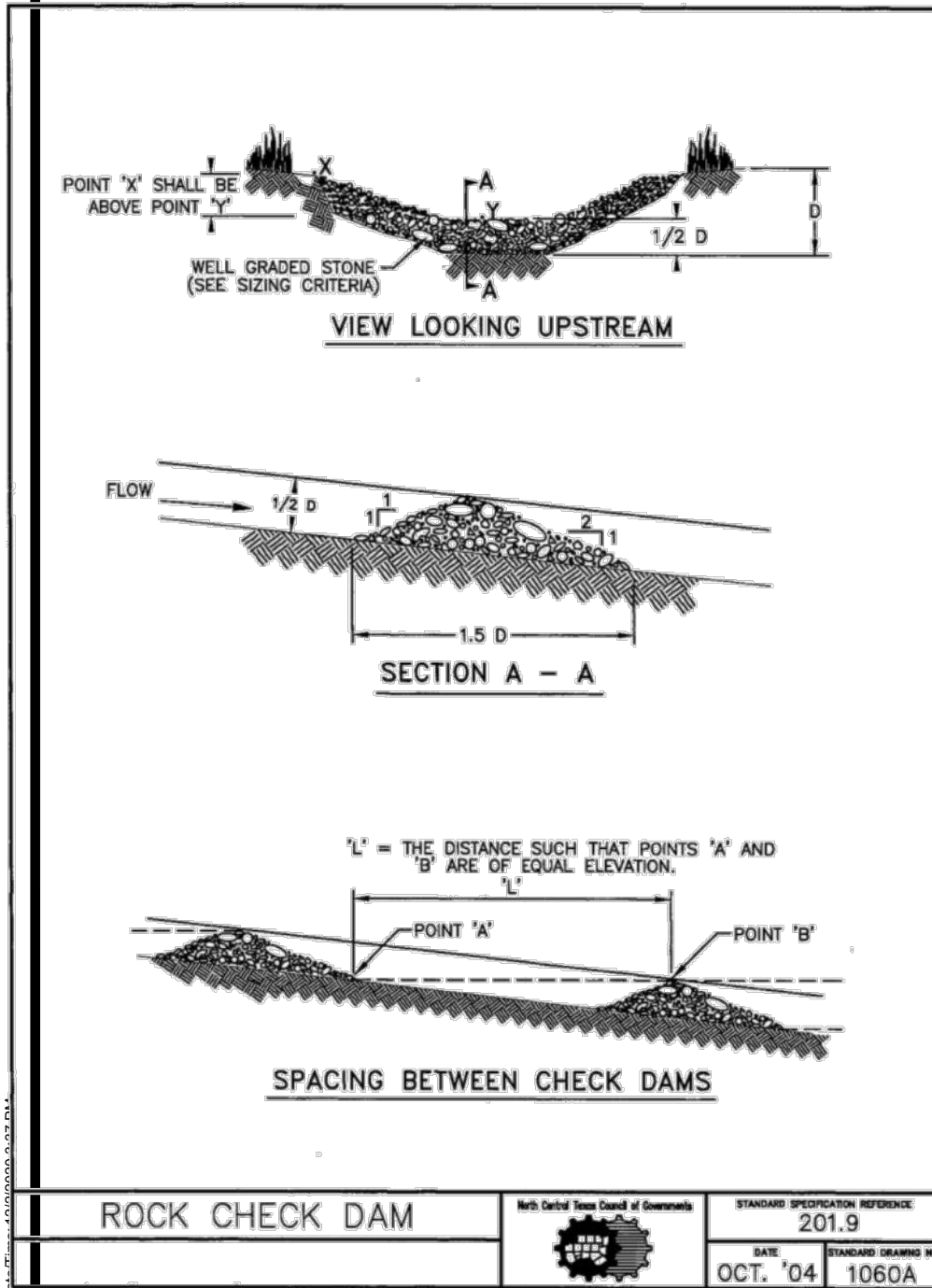
| | | |
|----------------------------------|---|----------------------------------|
| STABILIZED CONSTRUCTION ENTRANCE | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.11 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1070B |



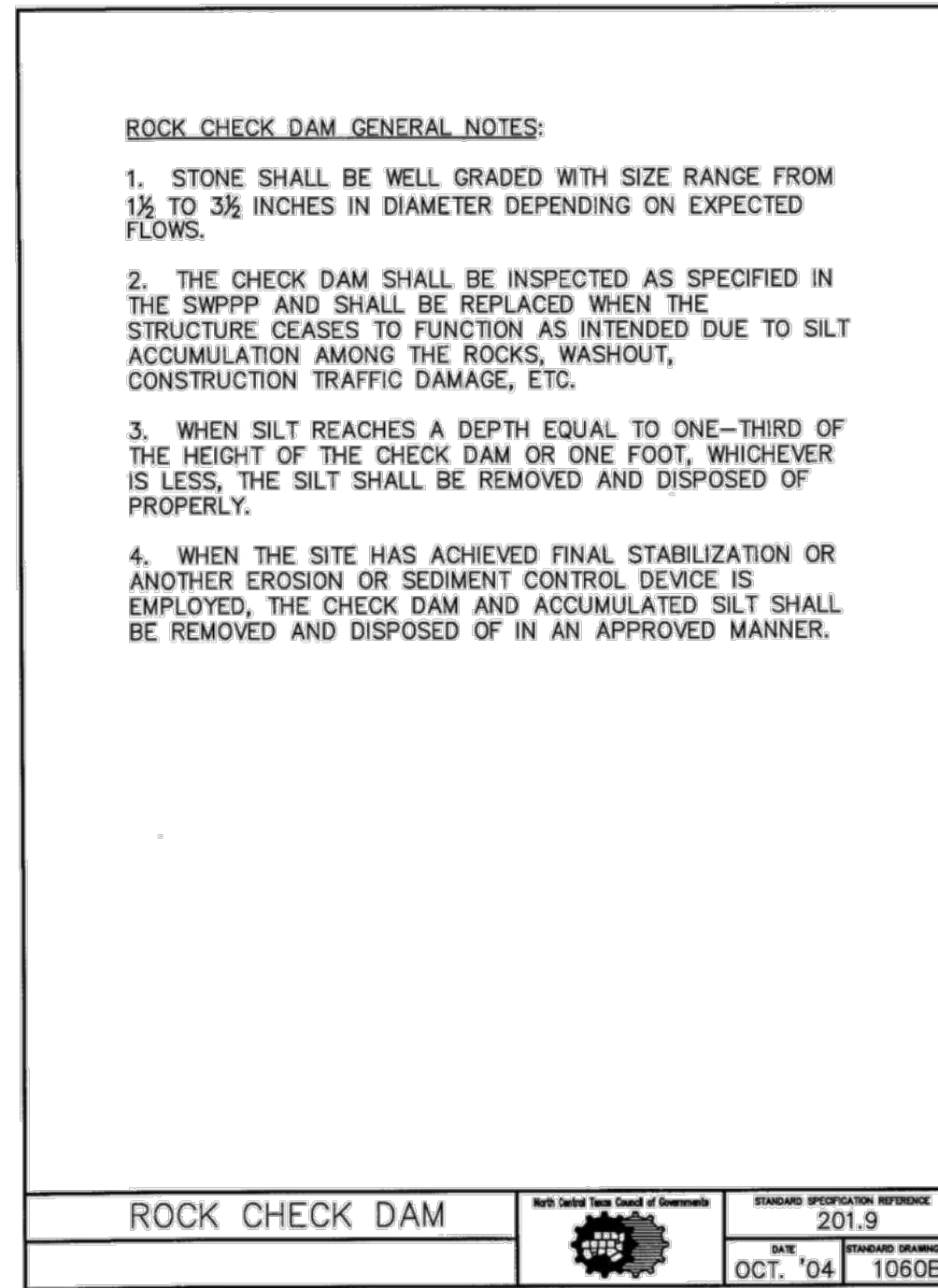
| | | |
|------------|---|----------------------------------|
| SILT FENCE | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.5 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1020A |



| | | |
|------------|---|----------------------------------|
| SILT FENCE | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.5 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1020B |



| | | |
|----------------|---|----------------------------------|
| ROCK CHECK DAM | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.9 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1060A |



| | | |
|----------------|---|----------------------------------|
| ROCK CHECK DAM | Each Detail Type Detail of Erosion Control Blankets | STANDARD SPECIFICATION REFERENCE |
| | | 201.9 |
| | DATE | STANDARD DRAWING NO. |
| | OCT. '04 | 1060B |

| | |
|--|----------------|
| NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA: | |
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |
| CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. | |

GENERAL NOTES FOR THE EROSION CONTROL PLAN:

1. All operators and/or contractors shall conform to the terms and conditions of the Texas Pollutant Discharge Elimination Systems (TPDES) General Permit as published by the Texas Commission on Environmental Quality (TCEQ).
2. The Notice of Intent (NOI), as required by the General Permit, must be properly displayed on site at all times by each operator.
3. All releases of reportable quantities of hazardous substances shall be reported immediately to the facility operator and EPA.
4. The Contractor shall inspect the site at least once every fourteen days and within 24 hours of a 1/2-inch or greater rainfall event. The Contractor shall document the results. Copies of the inspection reports shall accompany the Contractor's monthly pay request. The Contractor shall not be paid until said reports are presented to the Owner/Owner's Representative. The Earthwork Contractor shall be responsible for inspection until the Utility Contractor begins his work. The Utility Contractor shall be responsible for inspections until the Paving Contractor begins his work. The Paving Contractor shall be responsible for inspections until the Earthwork Contractor begins lot benching operations. The Earthwork Contractor shall make remaining inspections until project is accepted by the City.
5. Modifications to the Storm Water Pollution Prevention Plan shall be implemented and be in-place within a seven calendar day period.
6. If any contractor sees a violation by an operator or another contractor, he shall notify the operator and contractor in violation, as well as the facility operator.
7. Erosion control shall be installed prior to any grading.
8. Accumulated silt deposits shall be removed from silt fences and hay bale dikes when silt depth reaches six inches. Removal of silt deposits by the contractor shall be incidental to the performance of the contract and a separate bid item shall not be included.
9. The contractor shall add or delete erosion protection at the request and direction of the Operator or the City.
10. After installation of pavement, final lot benching and general cleanup, the grass groundcover shall be established in all street parkways, lots and all other disturbed areas. Materials shall be as specified in Item 2.15 and seeding shall be in accordance with Item 3.10 of the NCTCOG Standard Specifications. Depending upon schedule for house construction, grass establishment may be waived on a single lot basis if house construction begins immediately on that lot.
11. It shall be the contractor's responsibility to control and limit silt and sediment leaving the site. Specifically, the contractor shall protect all public streets, alleys, streams and storm drainage systems from erosion deposits.
12. If any erosion control is removed for construction and/or access purposes, the contractor shall replace it at the end of the work day.
13. It shall be the contractor's responsibility to provide a dumpster (or equal) to collect solid waste materials during construction.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543. APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE. ELEVATION = 745.65

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543. APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206. ELEVATION = 733.37

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206. ELEVATION = 717.56'

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

EROSION CONTROL DETAILS

WESTON, COLLIN COUNTY, TEXAS



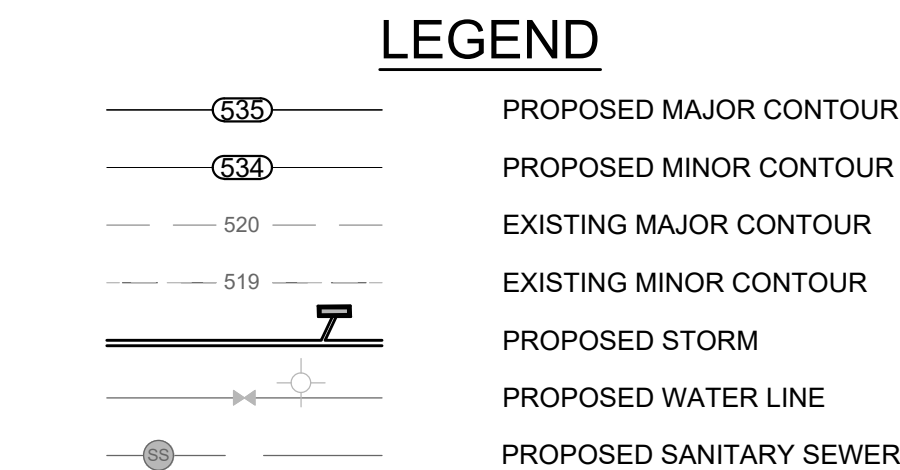
TEXAS REGISTRATION ENGINEERING FIRM NO. 12307
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.02 |
| REVIEWER: JWR | | | |

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

NOTES:

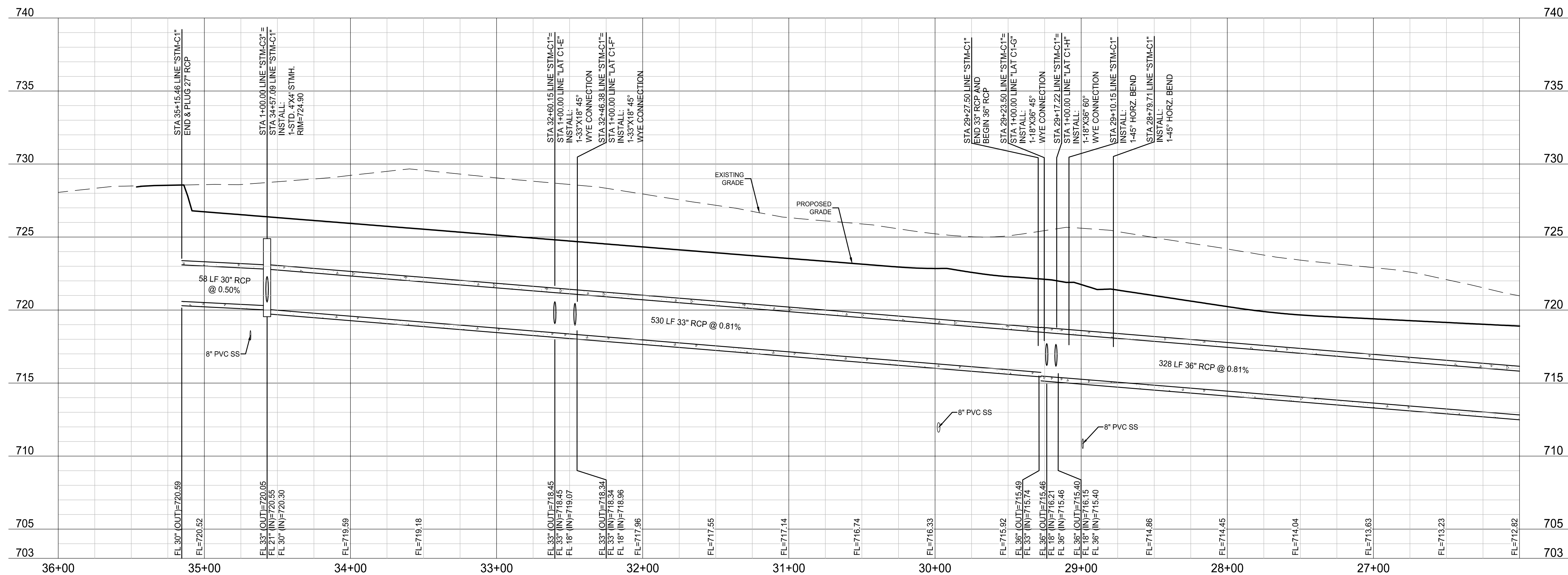
1. REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
2. THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
4. ALL T.C.E.P. PIPE SEPARATION REQUIREMENTS MUST BE MET.
5. STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BENCH, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
6. RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.



NOTES:

1. REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
2. THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
4. ALL T.C.E.P. PIPE SEPARATION REQUIREMENTS MUST BE MET.
5. STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BENCH, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
6. RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

STM-C1



BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'

PELTON LAND SOLUTION
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT

[illegible]

VENETIAN AT WESTON, PHASE 1

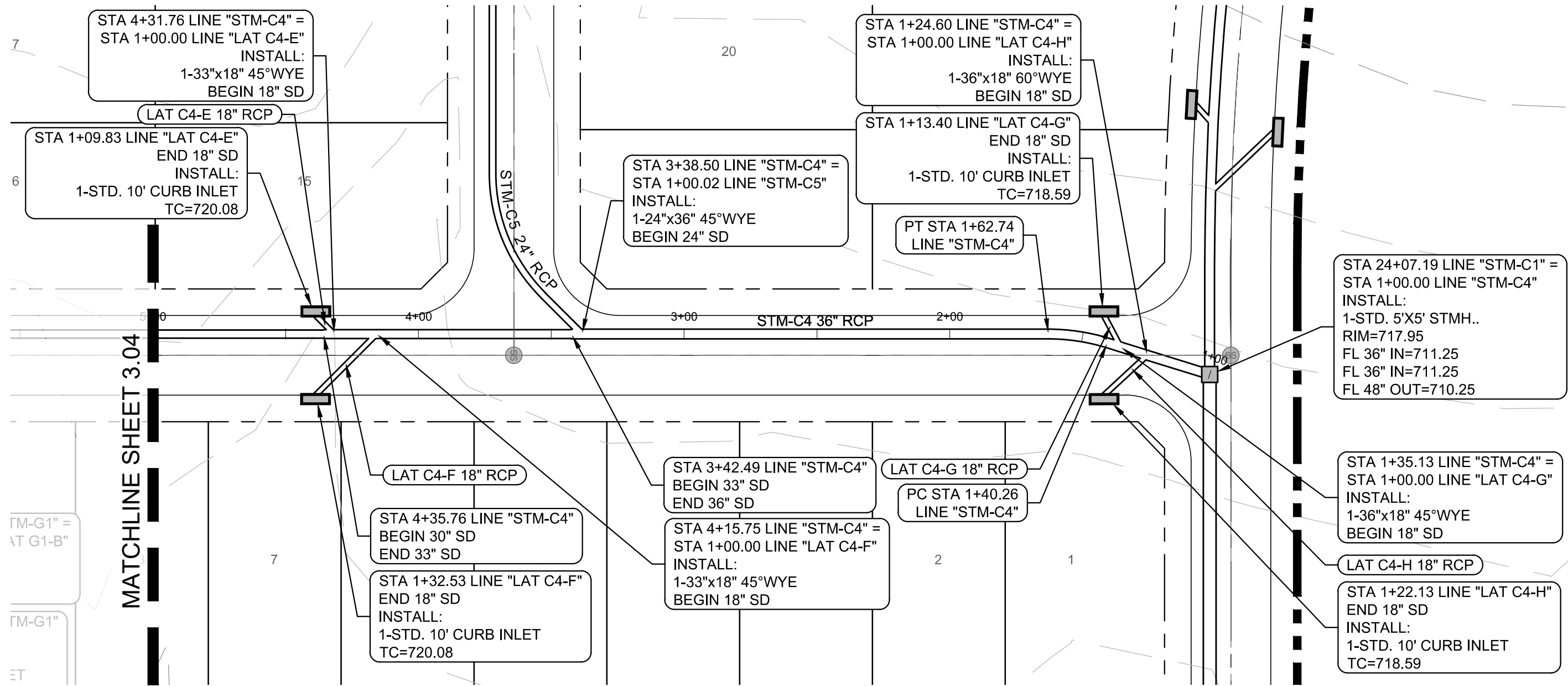
STORM PLAN & PROFILE - LINE
STM-C1 (26+00-END)

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75034
FRISCO OFFICE PHONE: (469) 213-1800

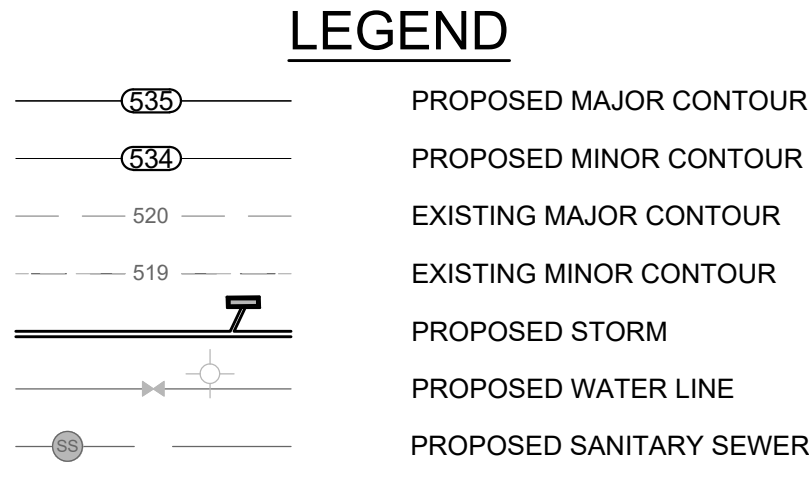
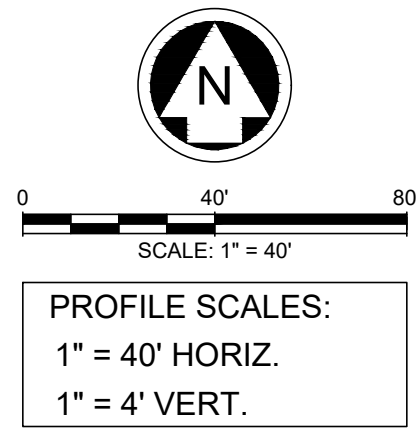
| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.02 |
| REVIEWER: JWR | | | |



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

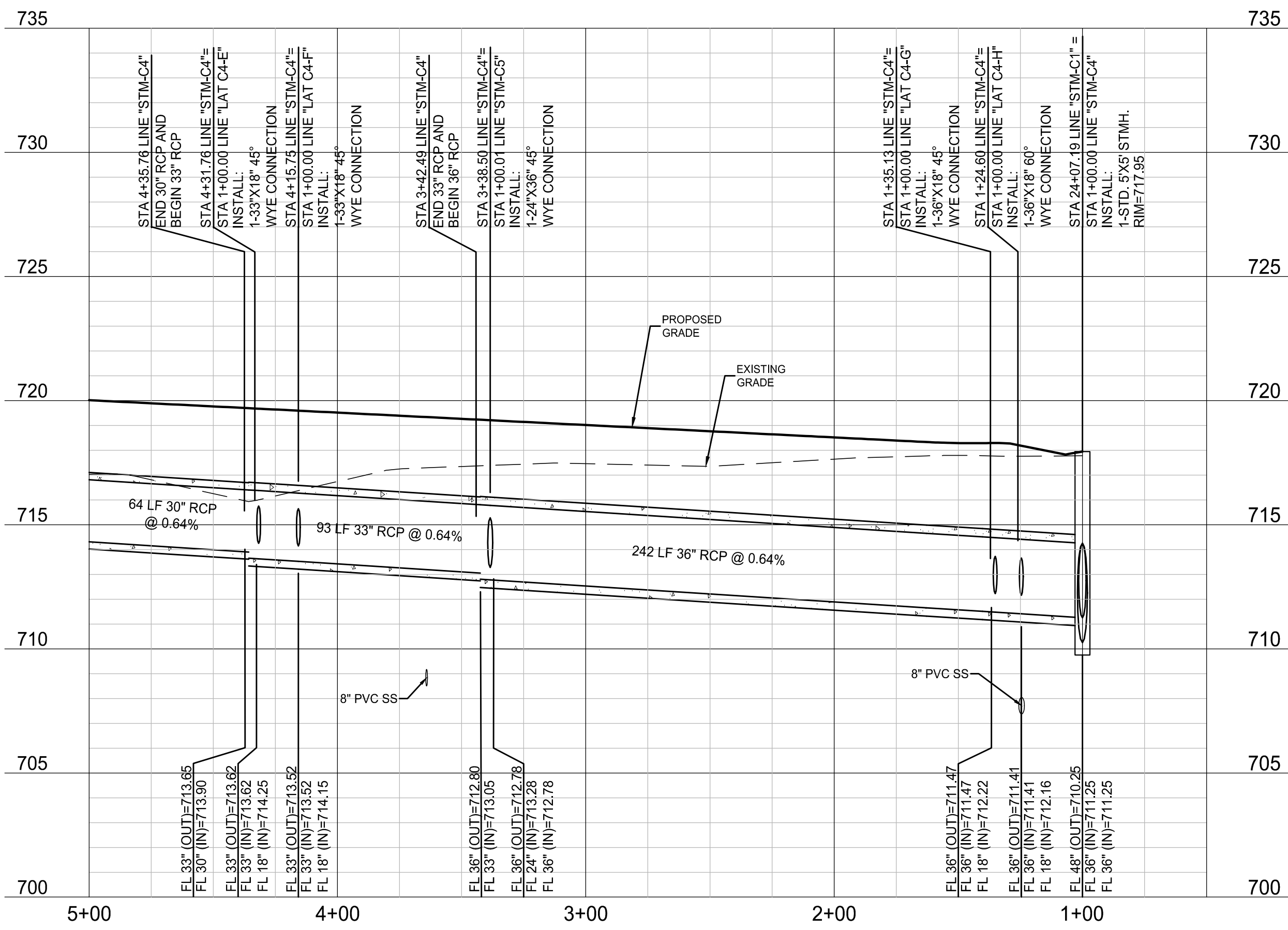
| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



- NOTES:**
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

STM-C4



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM PLAN & PROFILE - LINE STM-C4 (+00-5+00)

WESTON, COLLIN COUNTY, TEXAS



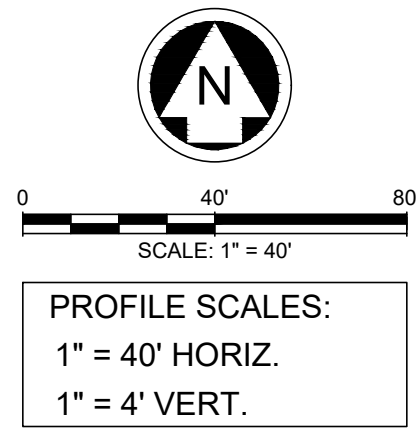
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.03 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

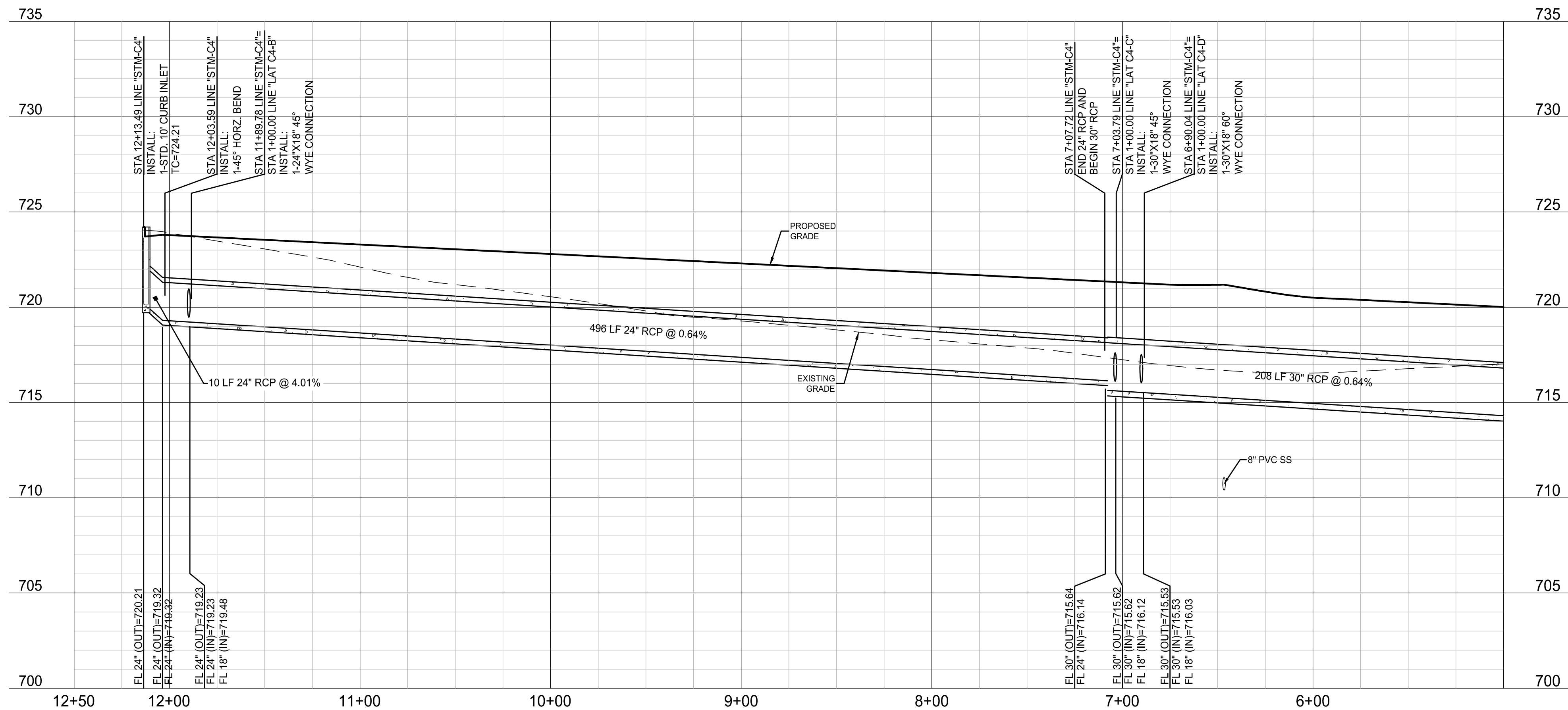


LEGEND

- | | |
|--|-------------------------|
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED STORM |
| | PROPOSED WATER LINE |
| | PROPOSED SANITARY SEWER |

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

STM-C4



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

VENETIAN AT WESTON, PHASE 1

STORM PLAN & PROFILE - LINE
STM-C4 (5+00-END)

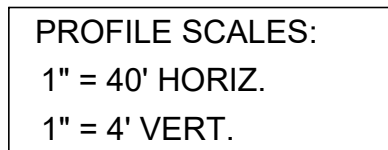
WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

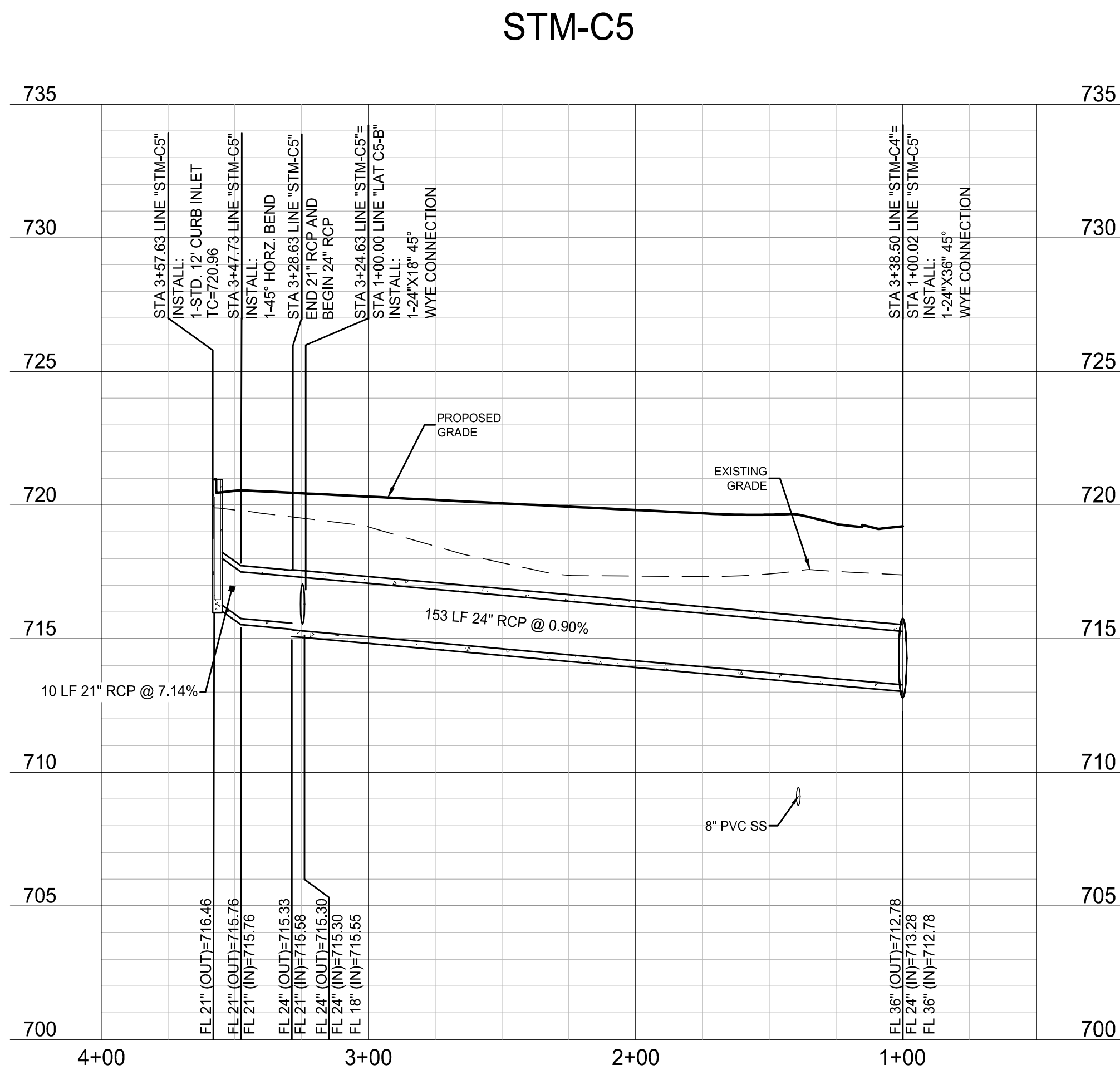
| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.04 |
| REVIEWER: JWR | | | |

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |



| | |
|--|-------------------------|
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED STORM |
| | PROPOSED WATER LINE |
| | PROPOSED SANITARY SEWER |

1. REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
2. THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
4. ALL 12" PIPE SEPARATION REQUIREMENTS MUST BE MET.
5. STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
6. RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.



BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'



PELTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
USE OF A SEALED DOCUMENT WITHOUT PROPER
RELATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |

STORM PLAN & PROFILE - LINE STM-C5



PELTON
LAND SOLUTIONS

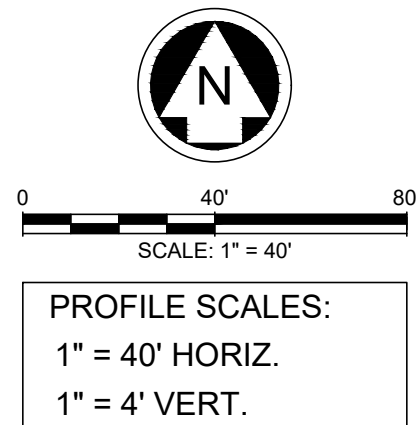
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 7503
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.05 |
| REVIEWER: JWR | | | |

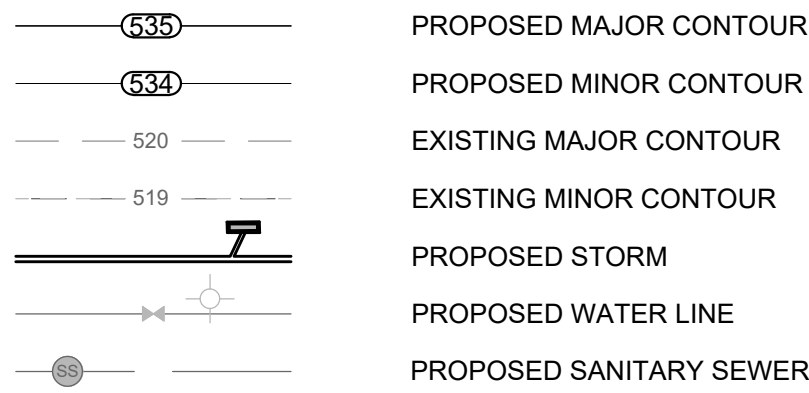
NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

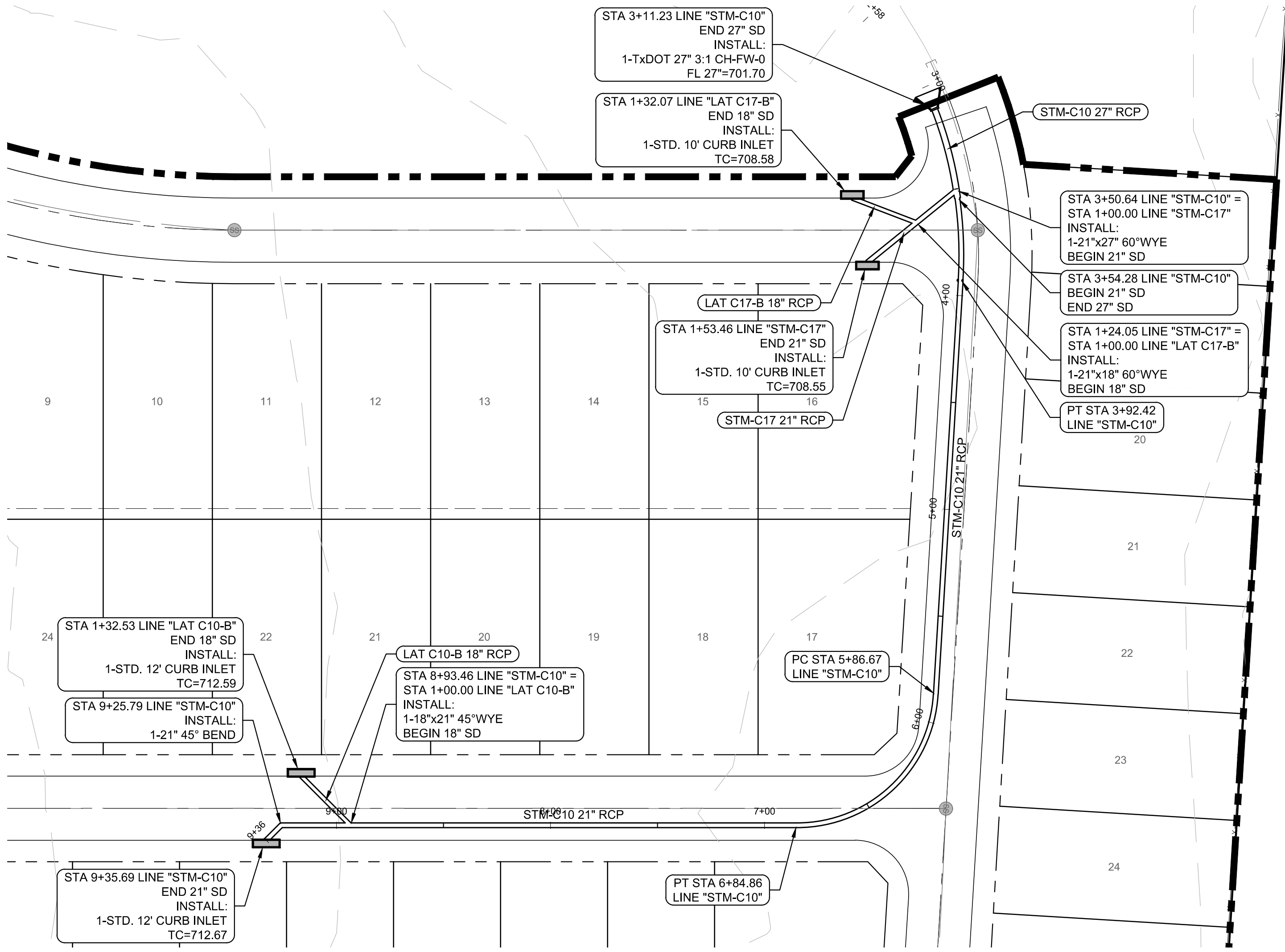
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



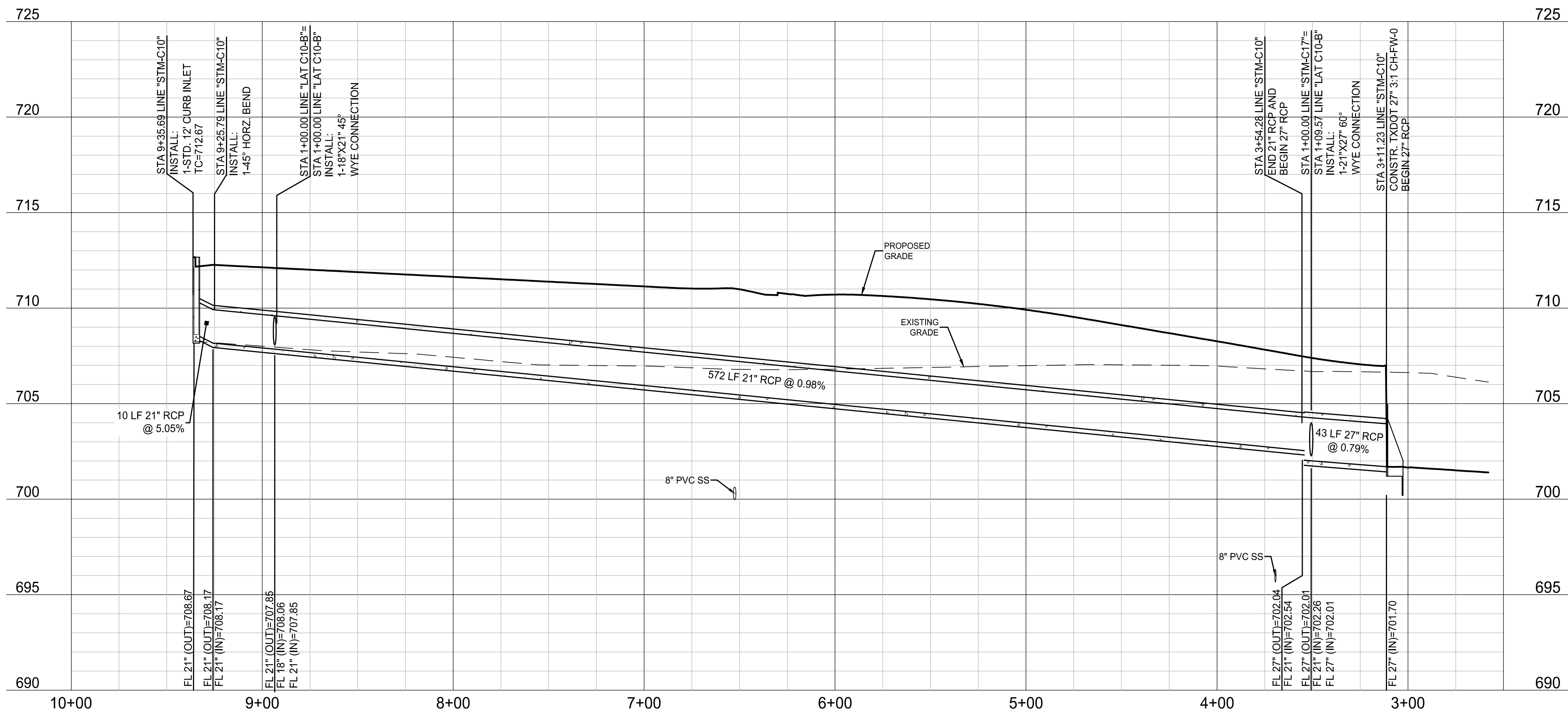
LEGEND



- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.



STM-C10



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM PLAN & PROFILE - LINE STM-C10

WESTON, COLLIN COUNTY, TEXAS



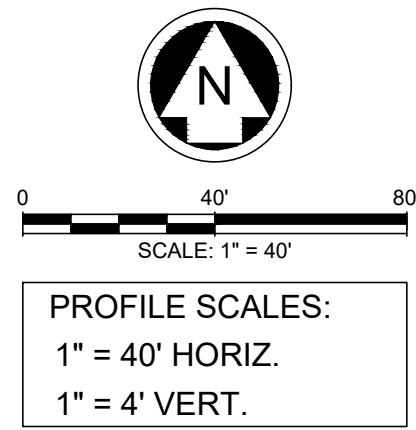
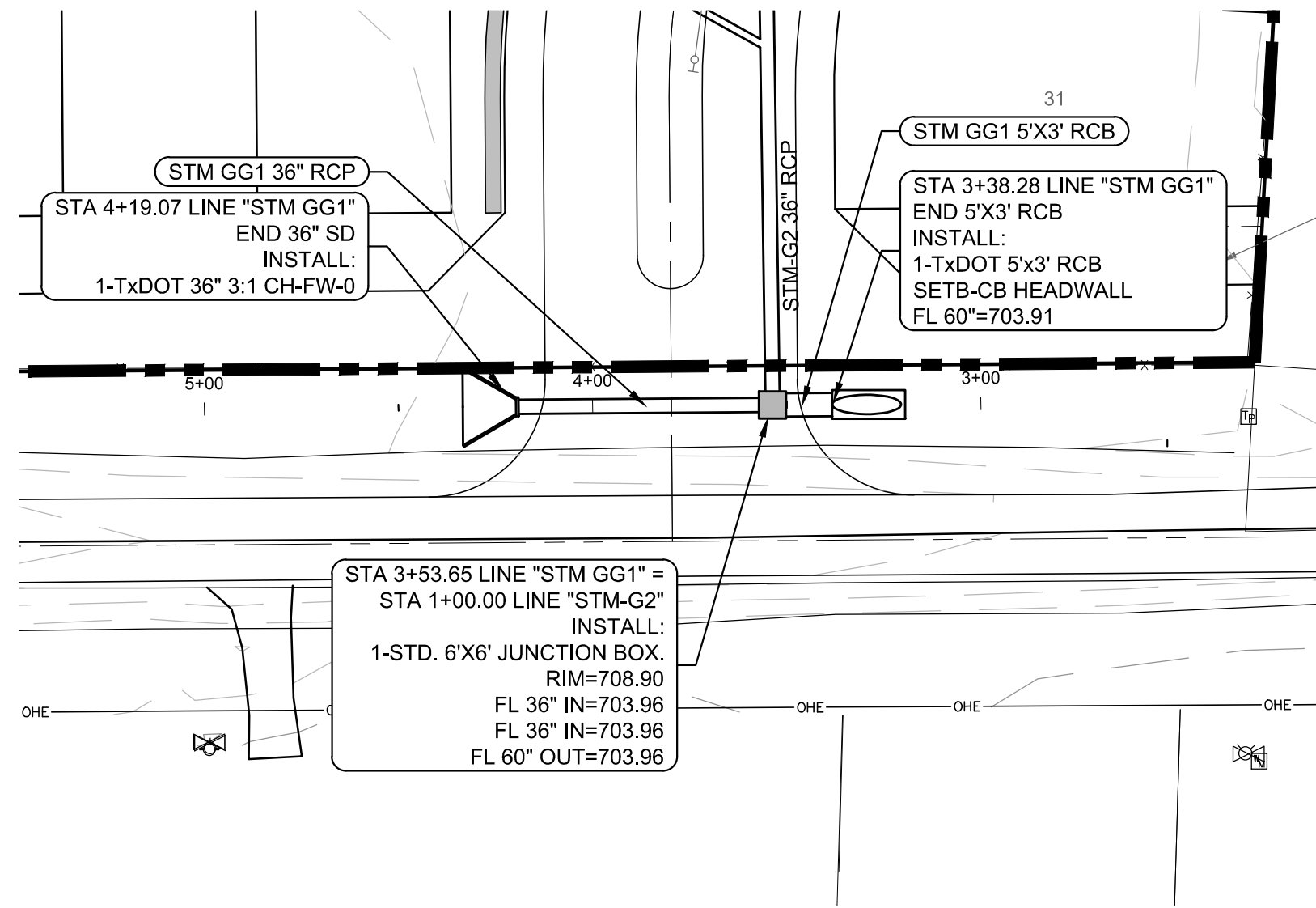
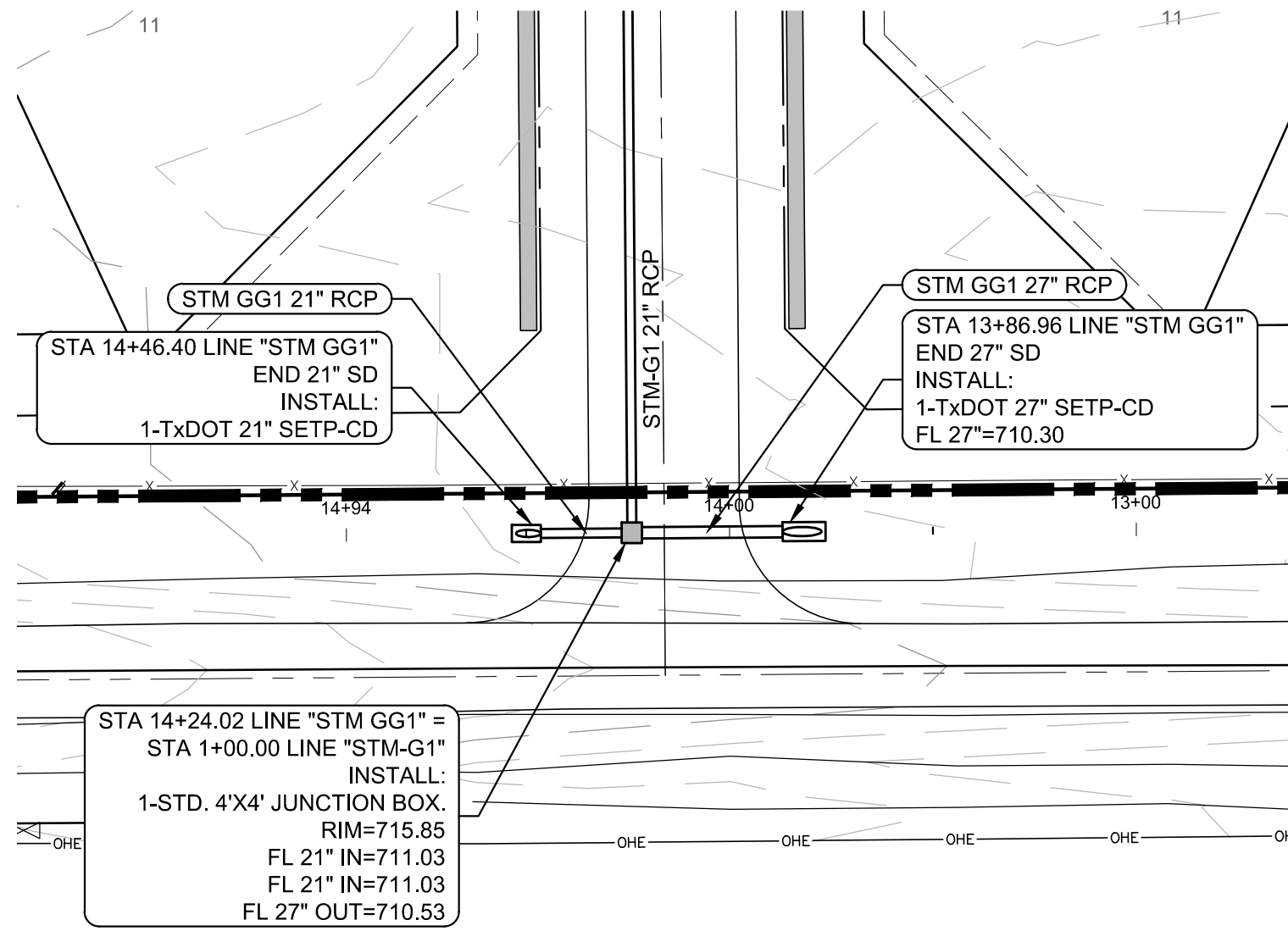
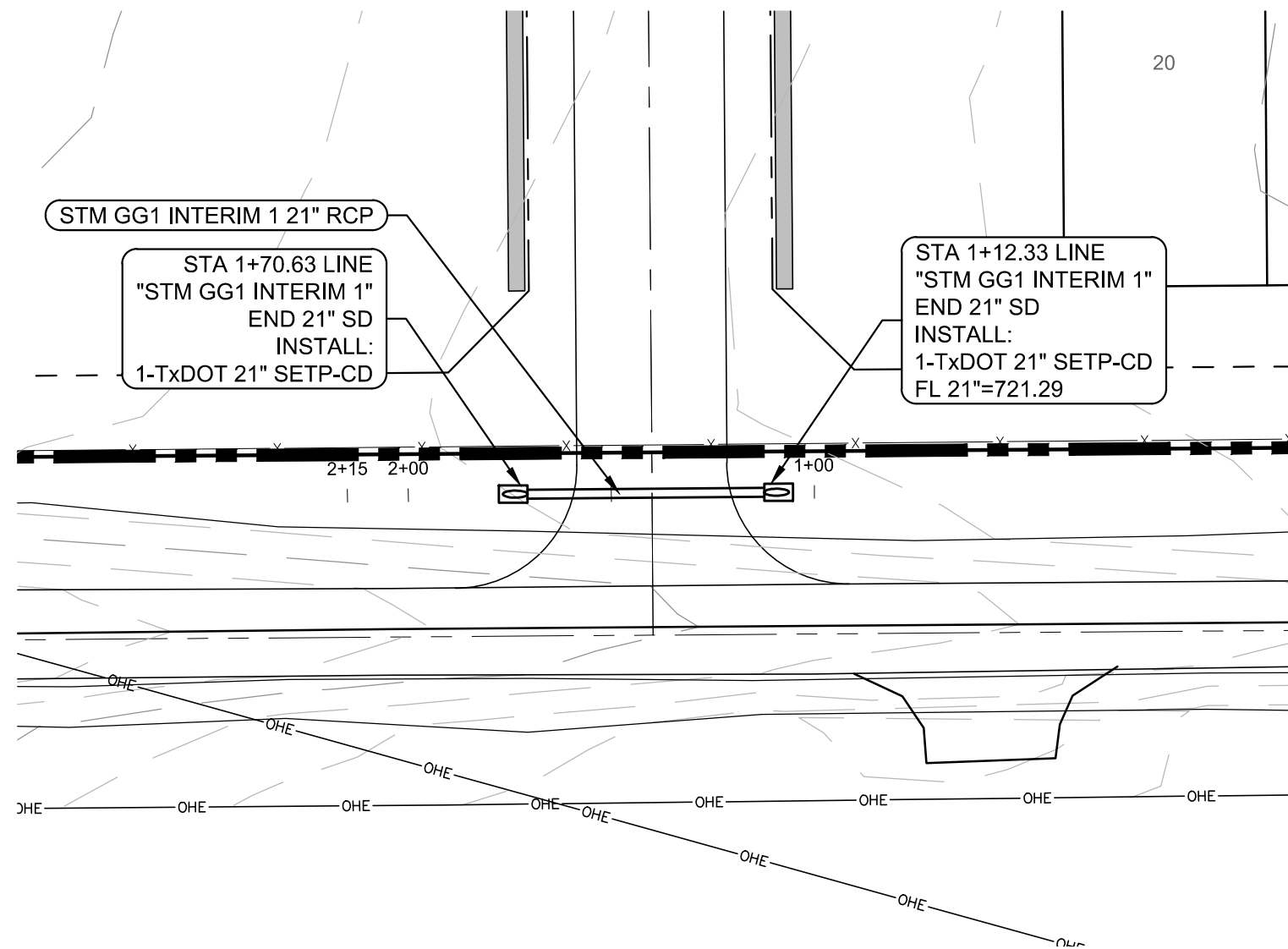
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 3.06 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

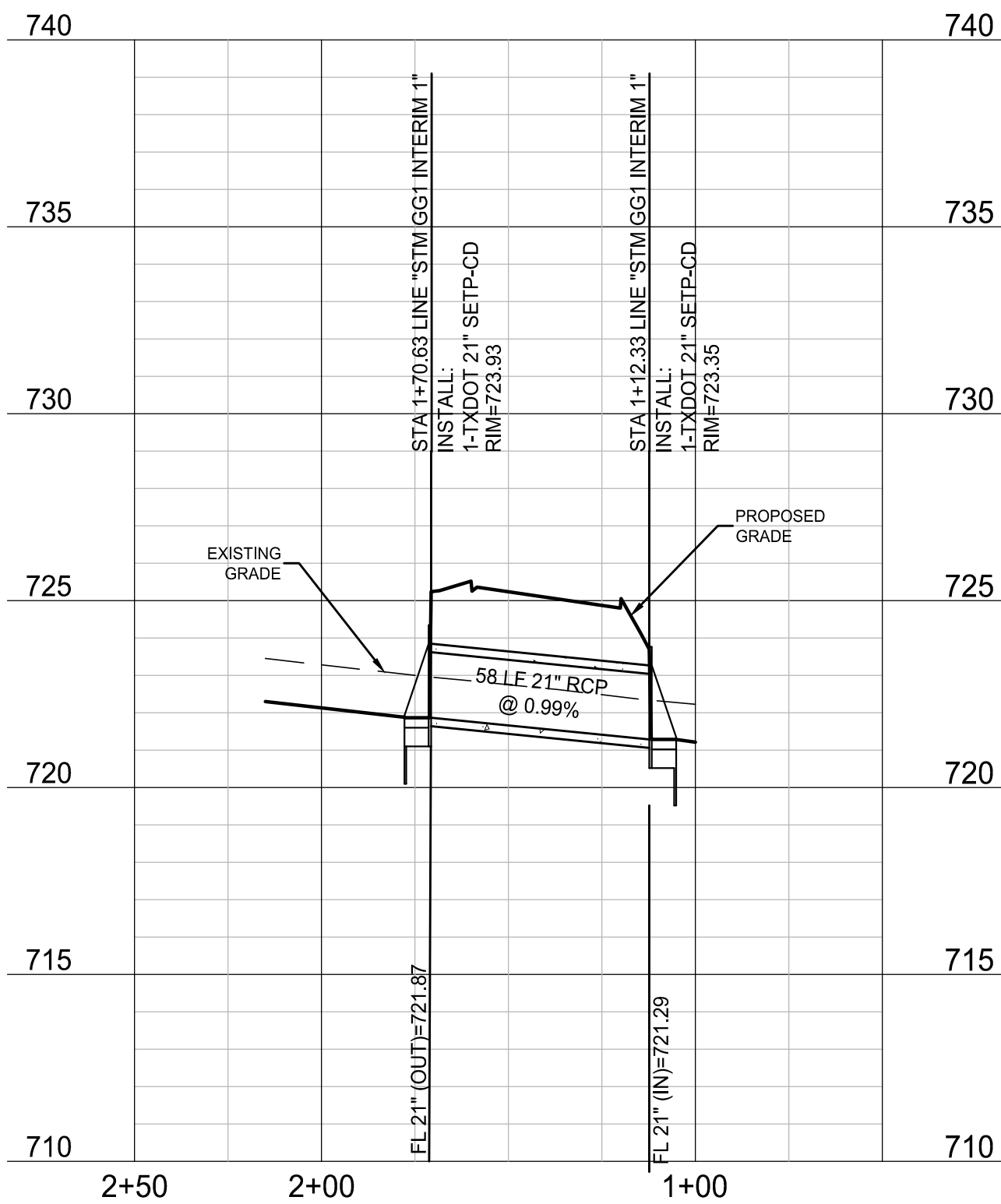
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



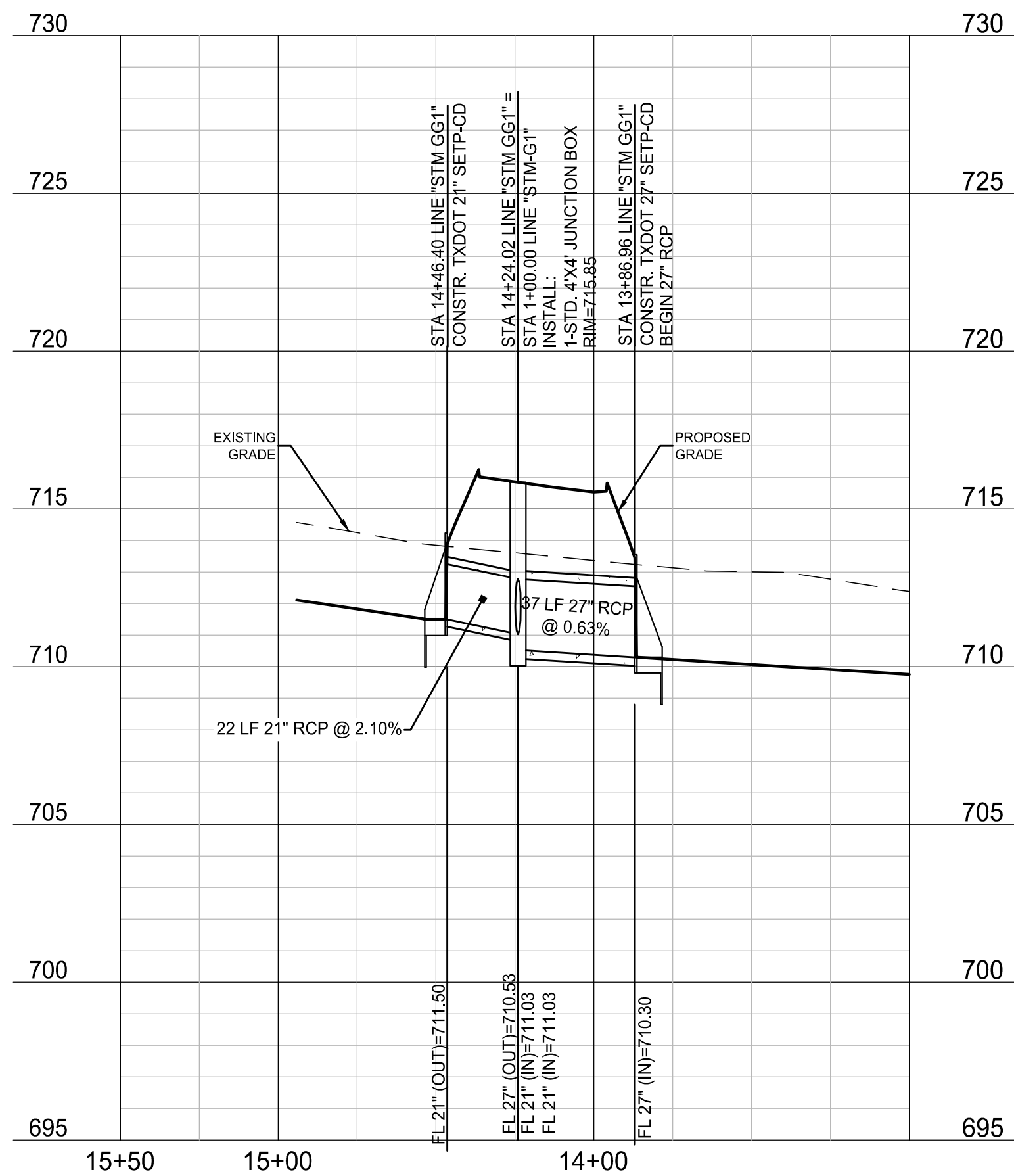
- LEGEND**
- PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED STORM
 - PROPOSED WATER LINE
 - PROPOSED SANITARY SEWER

- NOTES:**
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

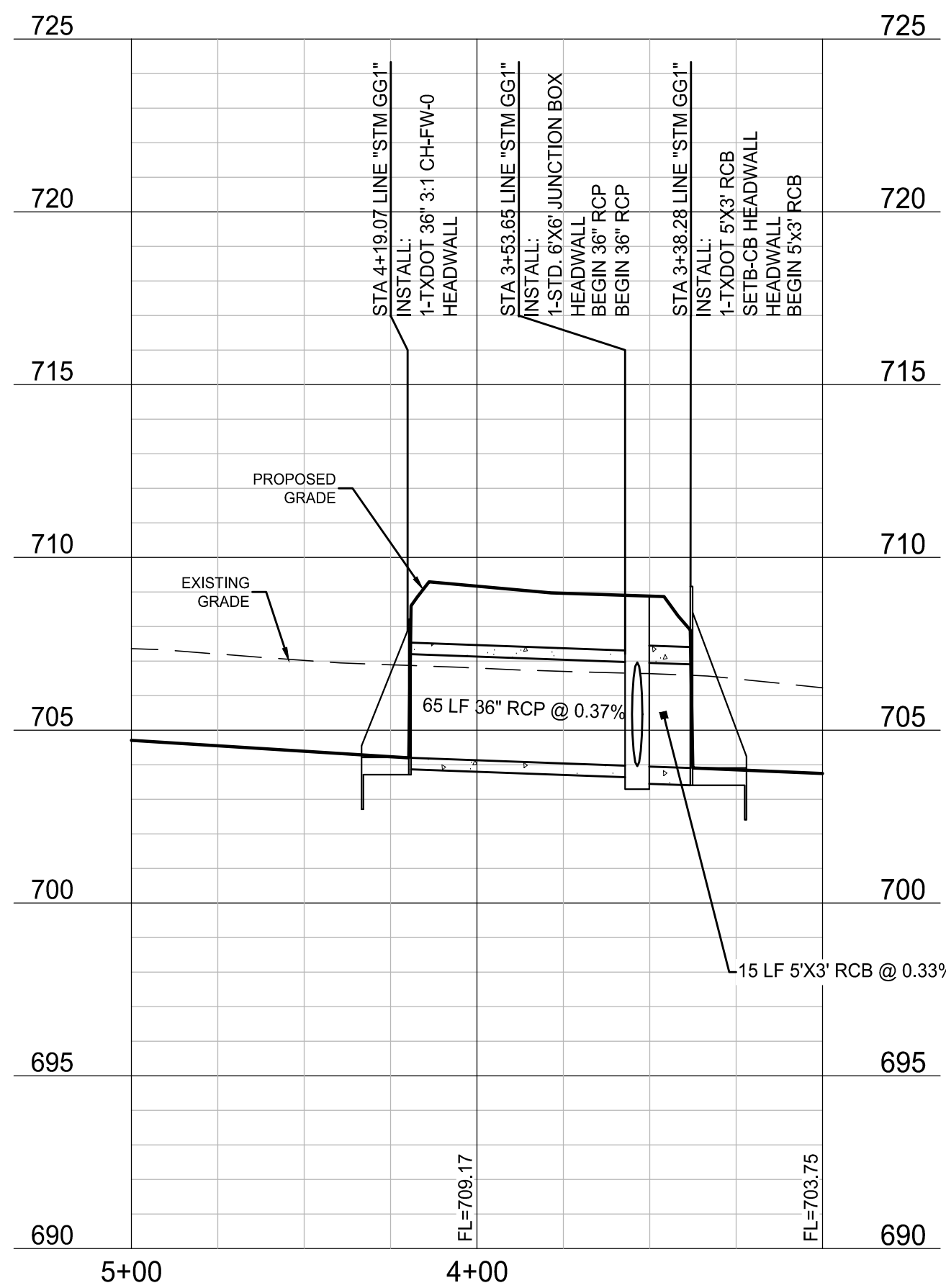
STM GG1 INTERIM 1



STM GG1



STM GG1



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

VENETIAN AT WESTON, PHASE 1

STORM PLAN & PROFILES - STM GG1 & INTERIM 1

WESTON, COLLIN COUNTY, TEXAS



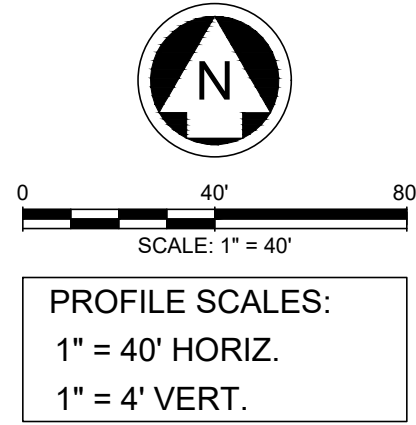
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 3.07 |
| DESIGNED: MCM | | | |
| REVIEWER: JWR | | | |

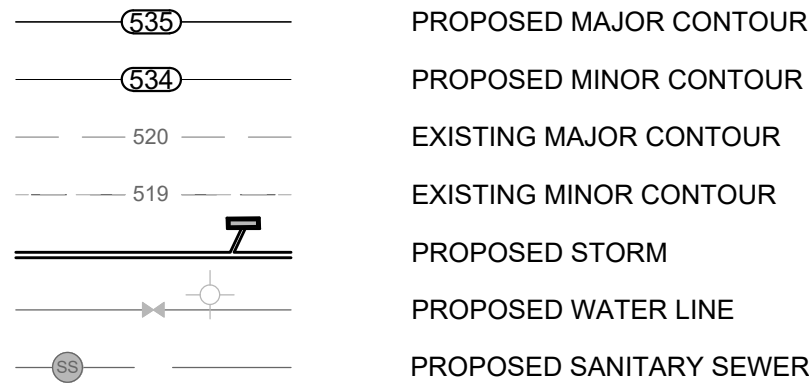
NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

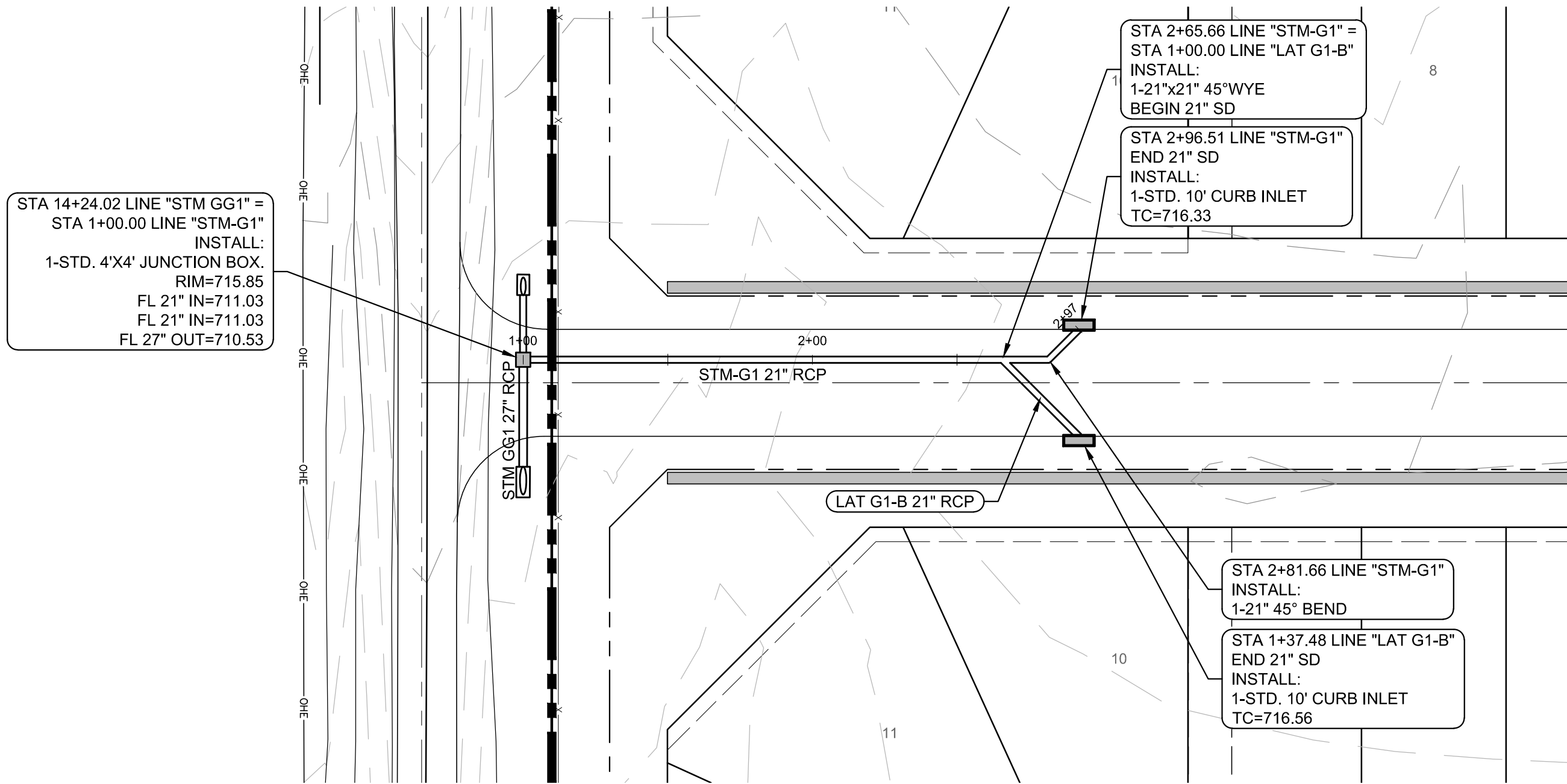
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



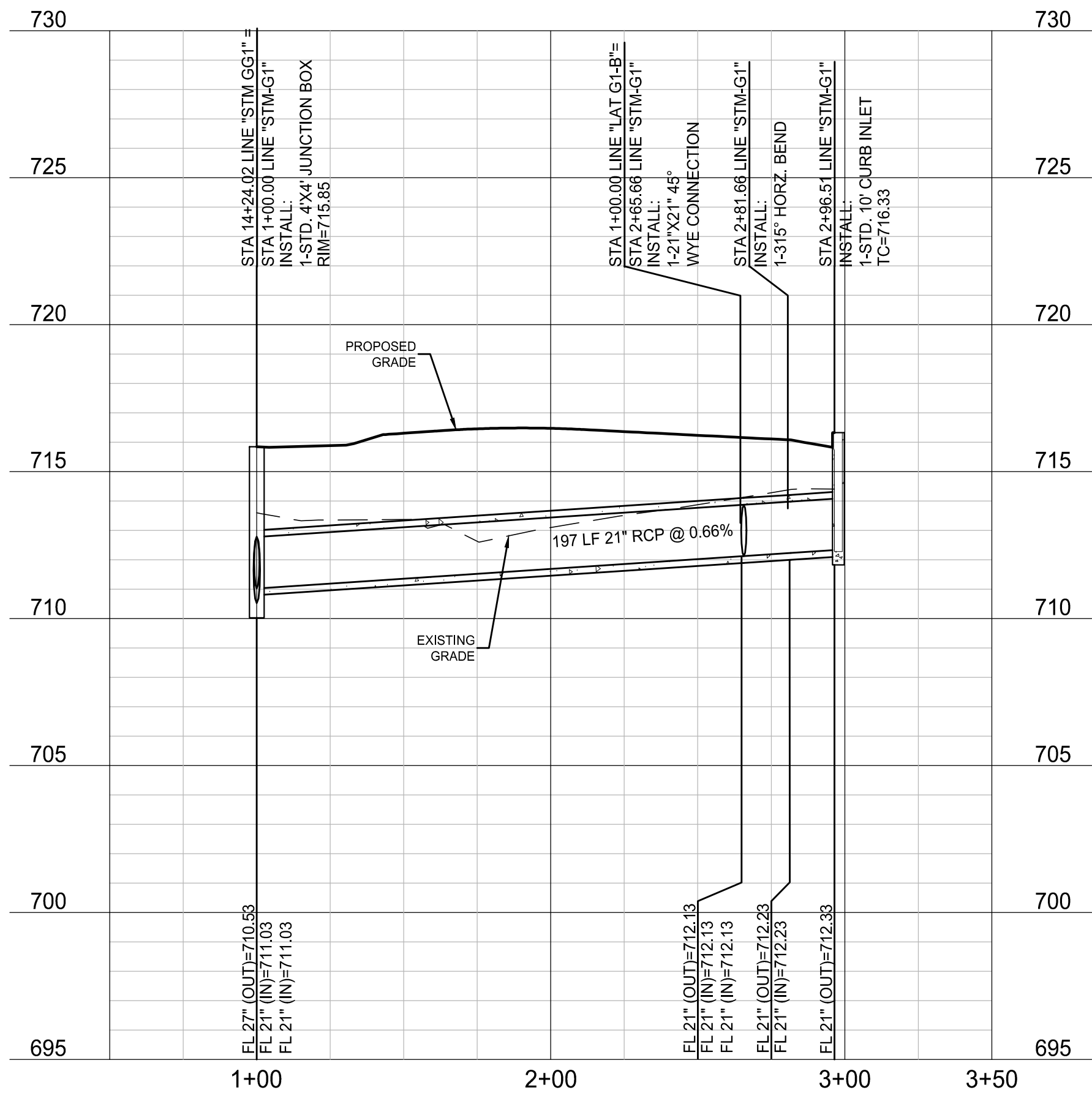
LEGEND



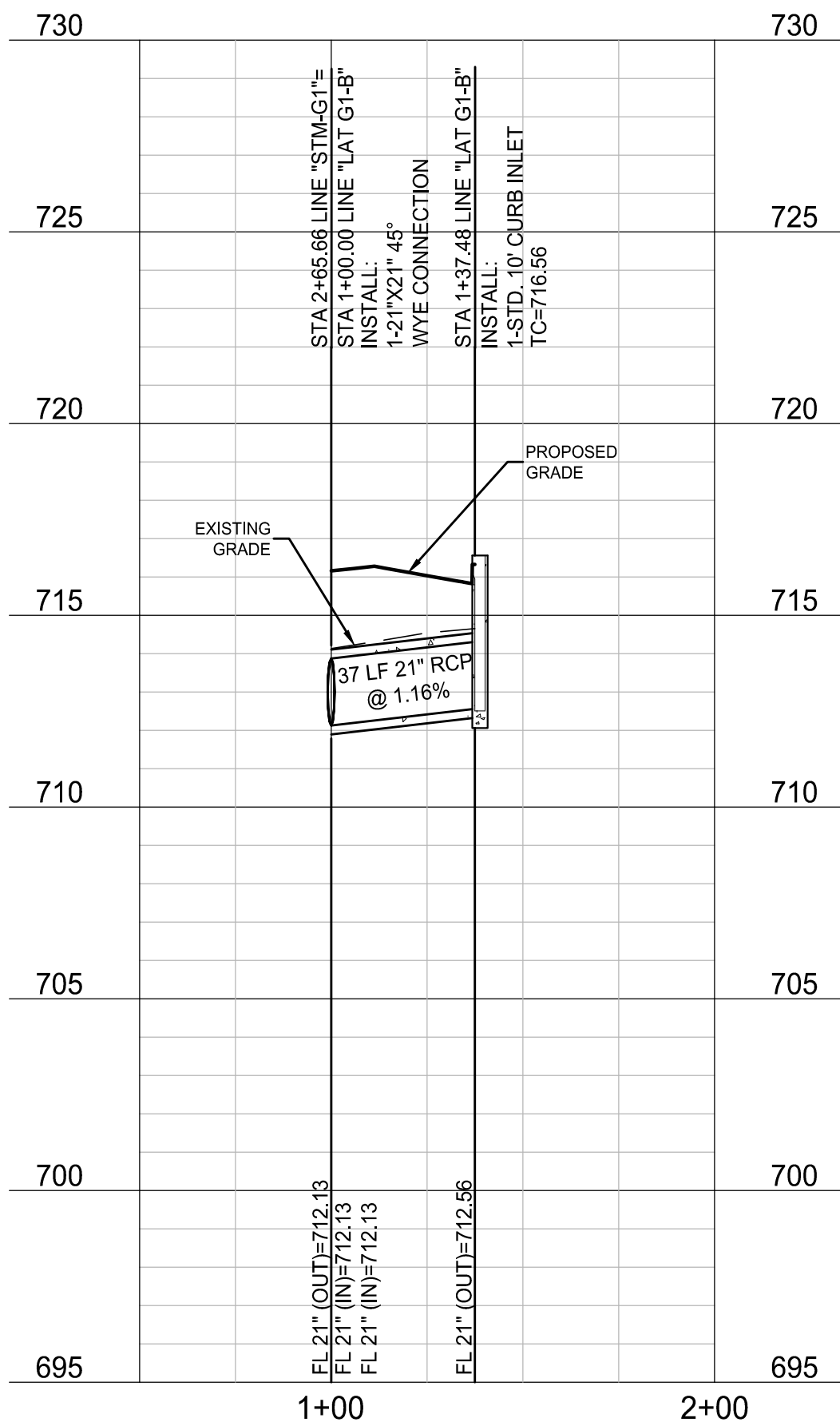
- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.



STM-G1



LAT G1-B



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM PLAN & PROFILE - LINE STM-G1

WESTON, COLLIN COUNTY, TEXAS



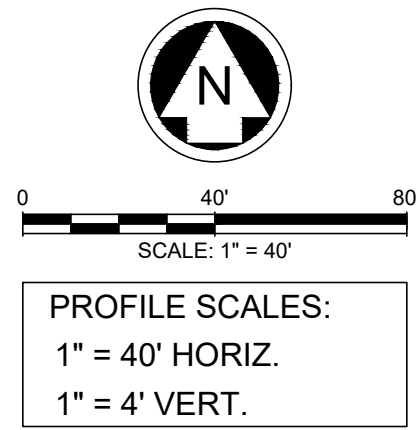
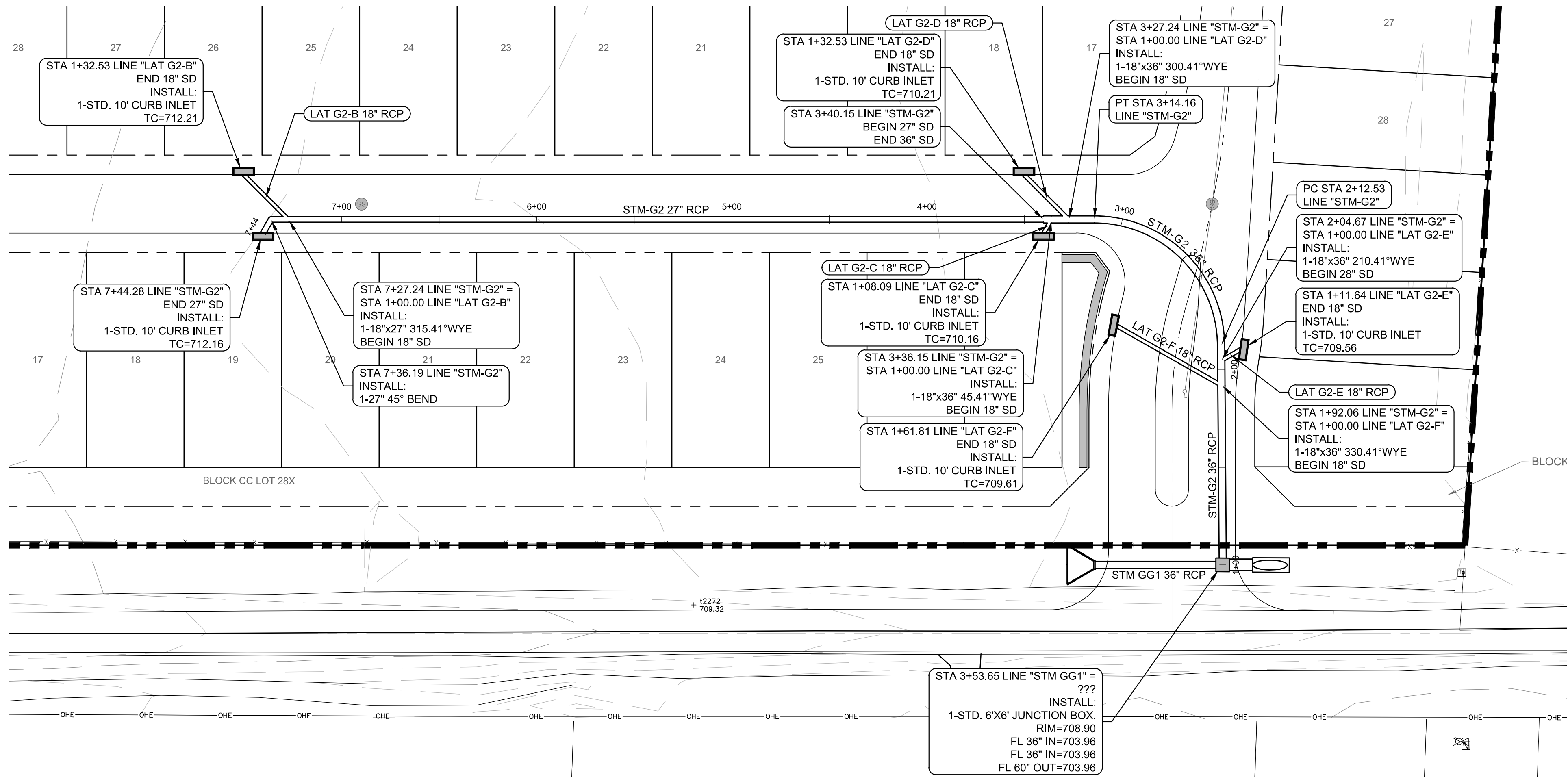
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 3.08 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

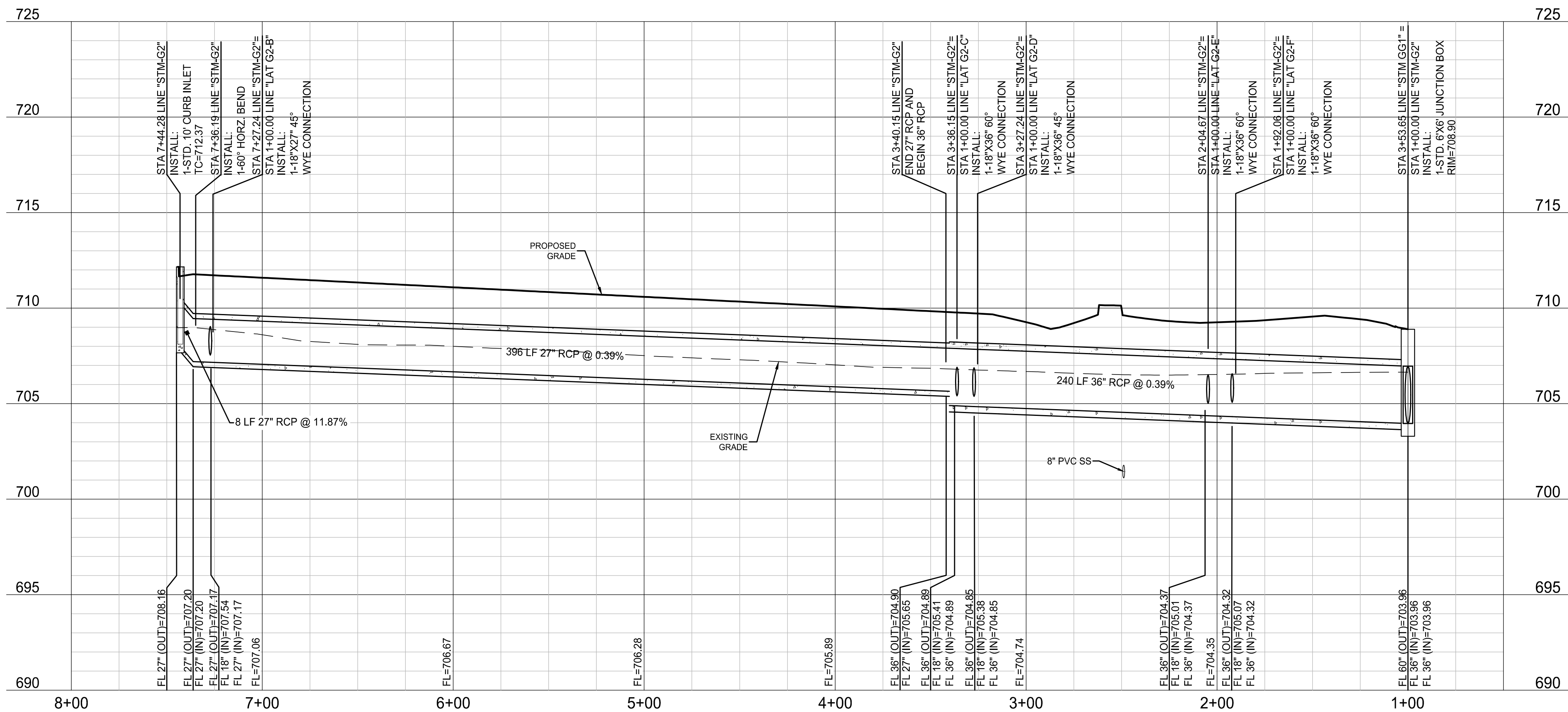


LEGEND

- | | |
|--|-------------------------|
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED STORM |
| | PROPOSED WATER LINE |
| | PROPOSED SANITARY SEWER |

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

STM-G2



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM PLAN & PROFILE - LINE STM-G2

WESTON, COLLIN COUNTY, TEXAS



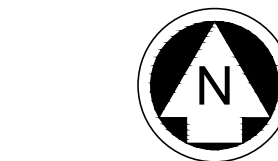
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.09 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



0 40' 80'
SCALE: 1" = 40'

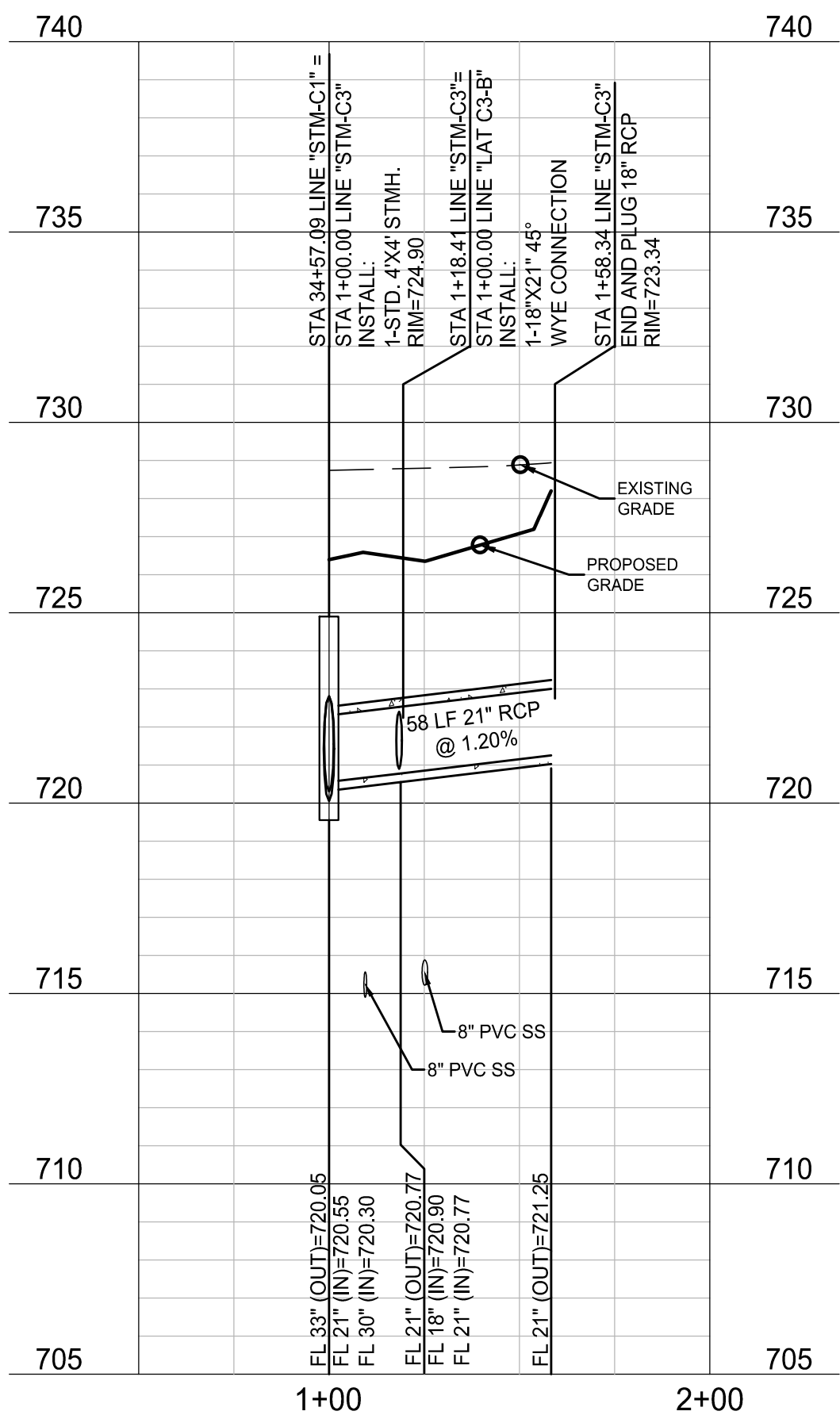
PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

LEGEND

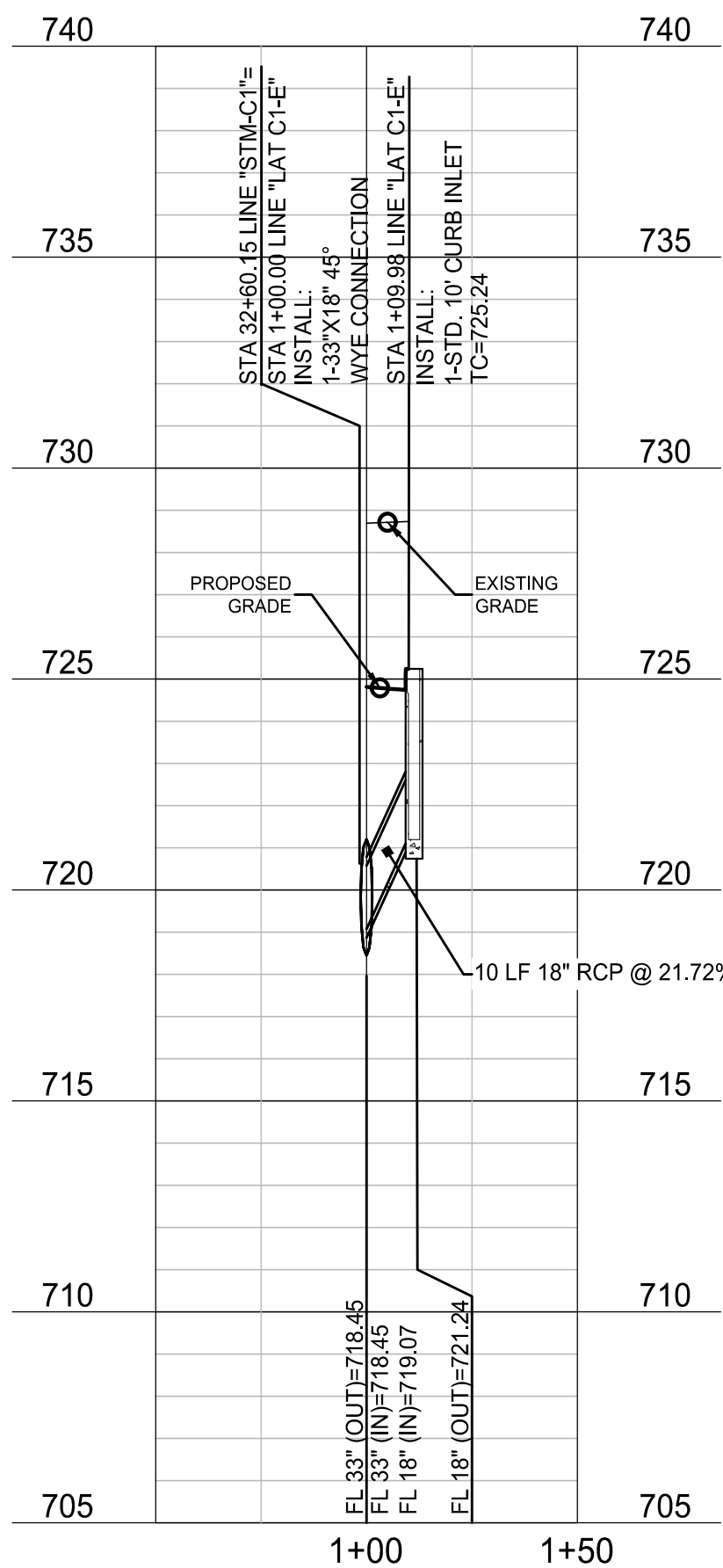
- | | |
|--|-------------------------|
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED STORM |
| | PROPOSED WATER LINE |
| | PROPOSED SANITARY SEWER |

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

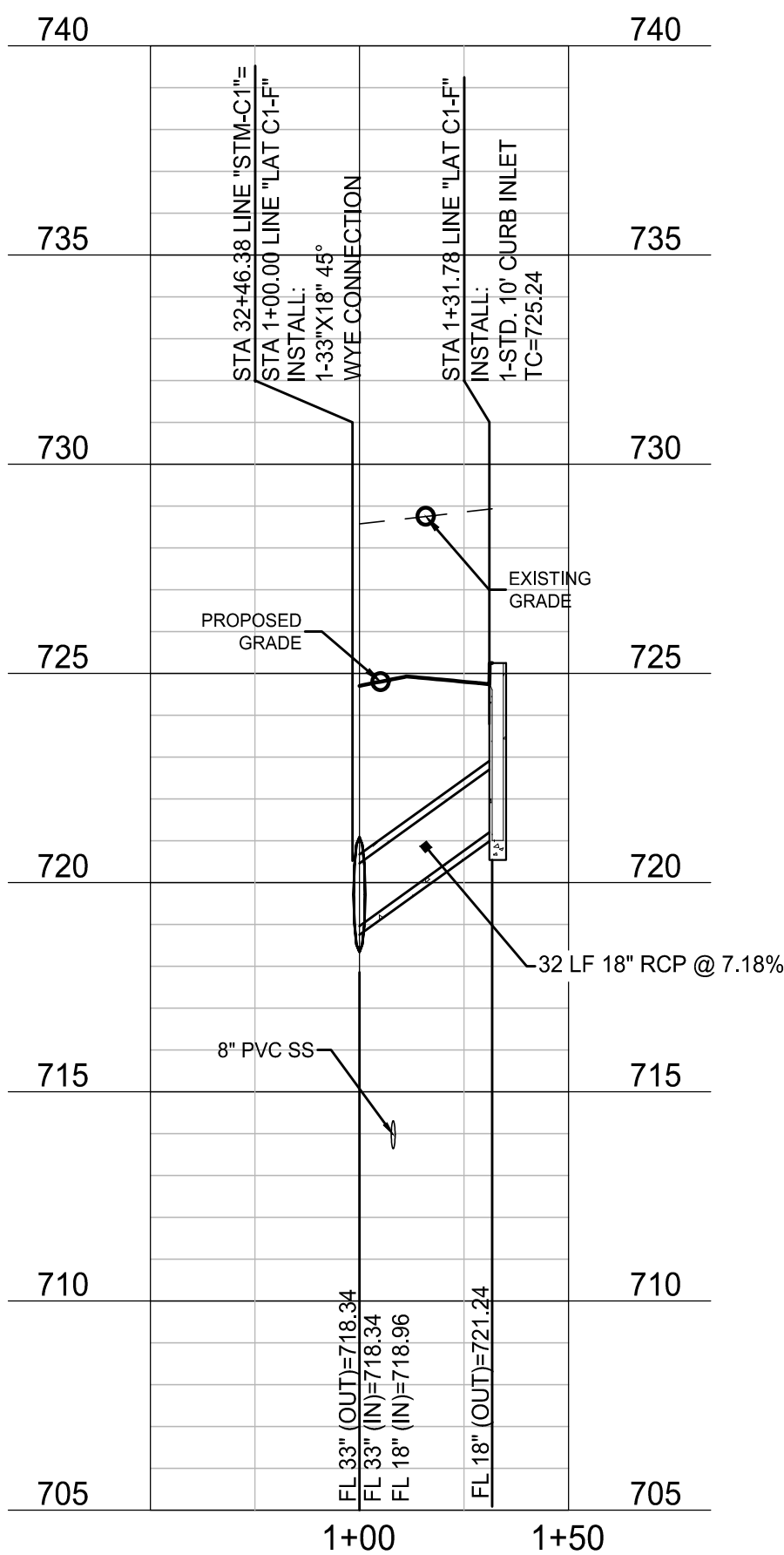
STM-C3



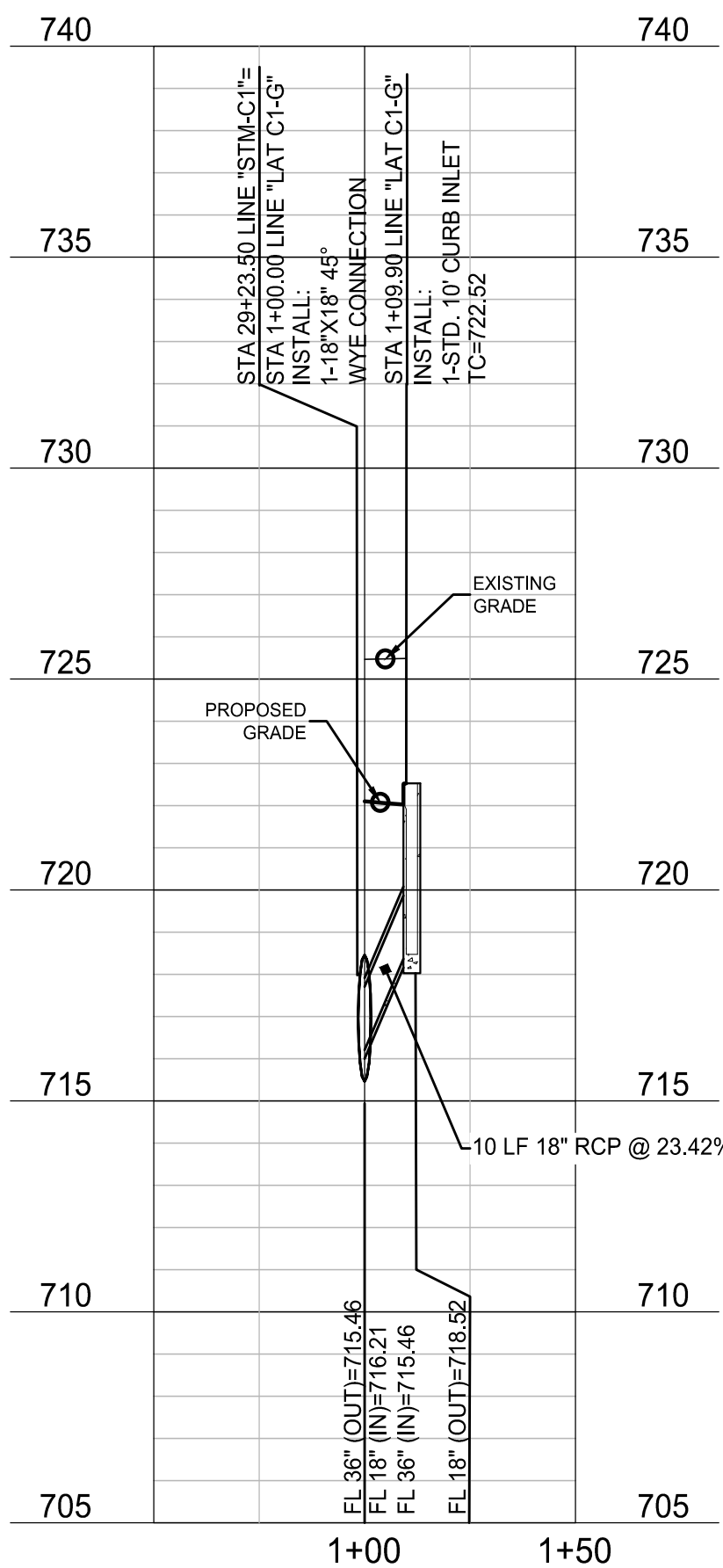
LAT C1-E



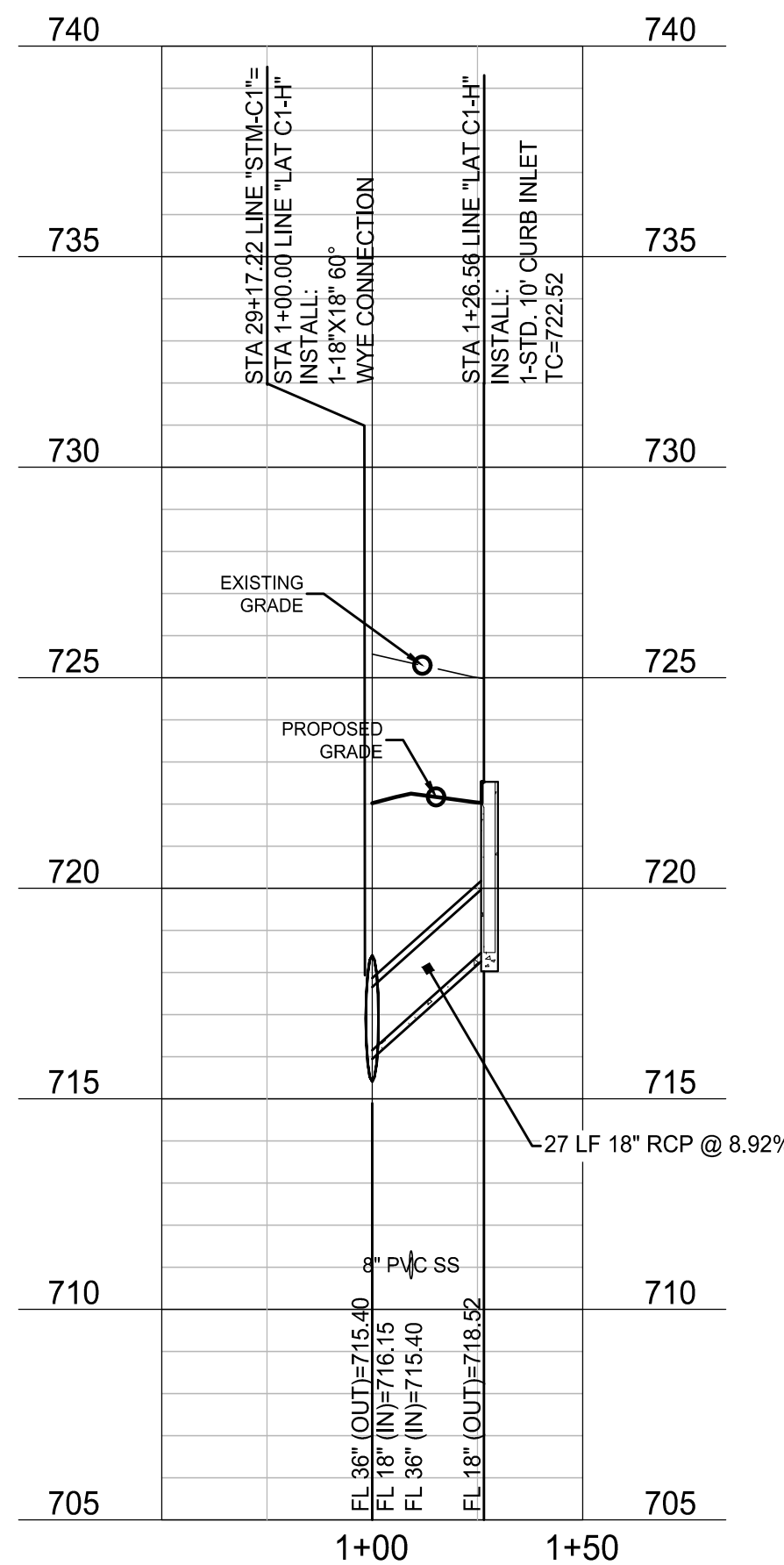
LAT C1-F



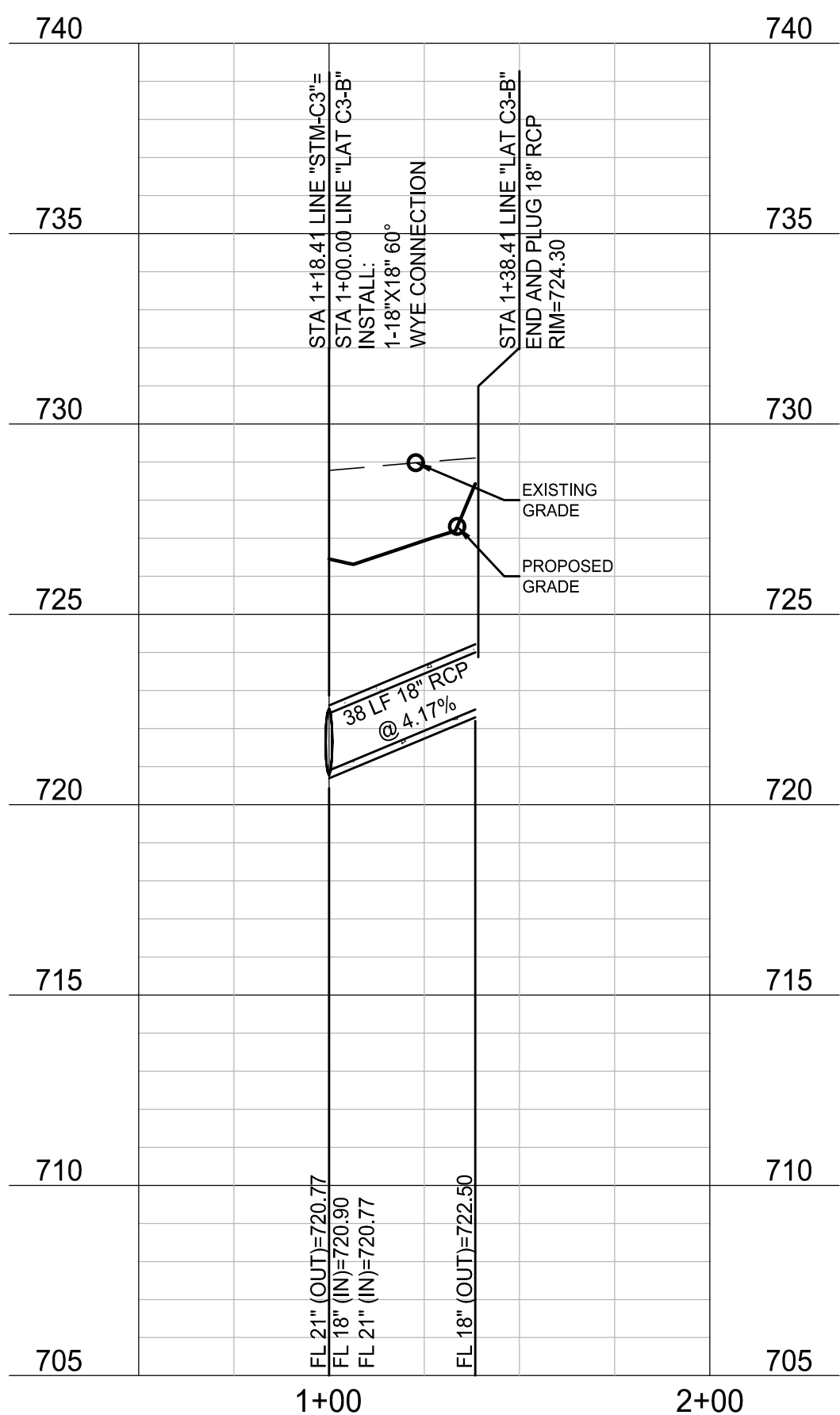
LAT C1-G



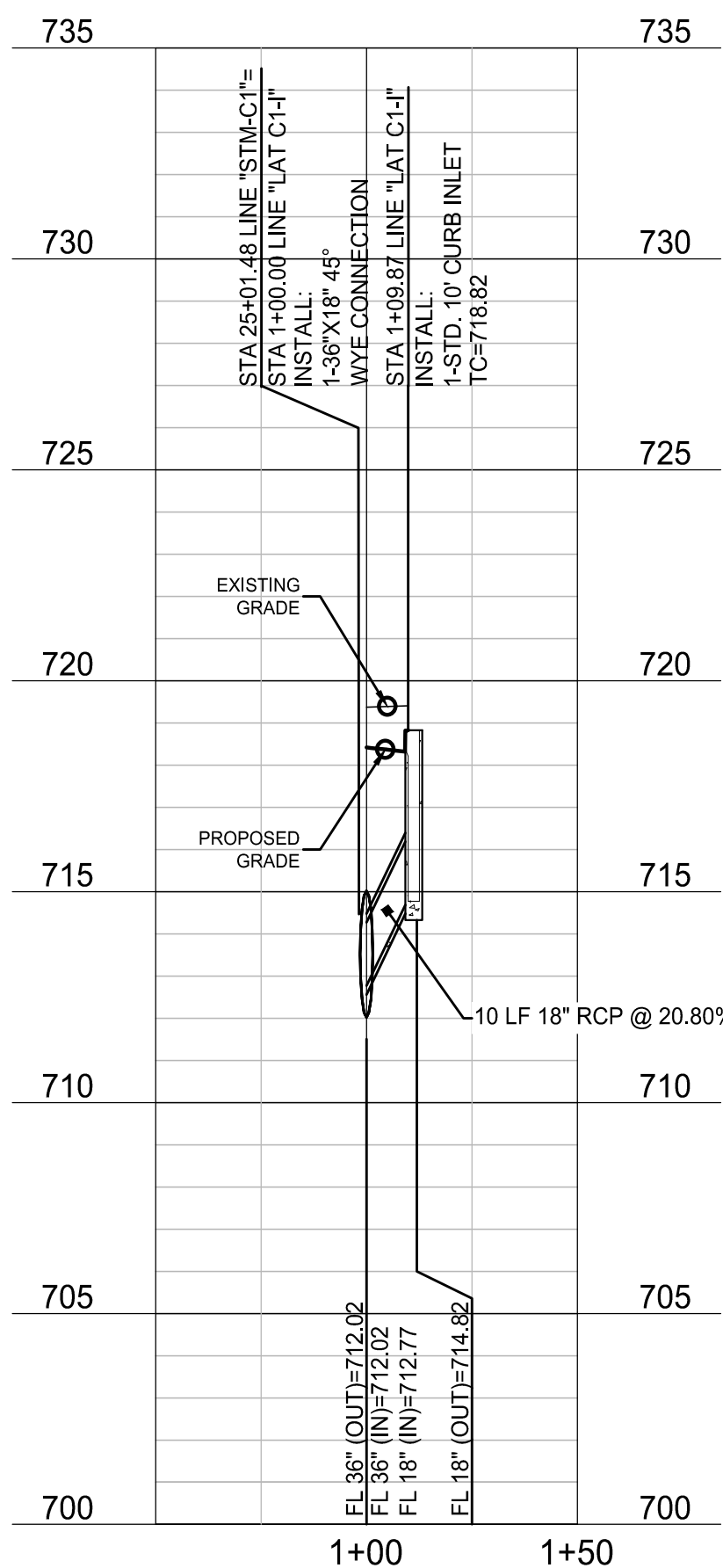
LAT C1-H



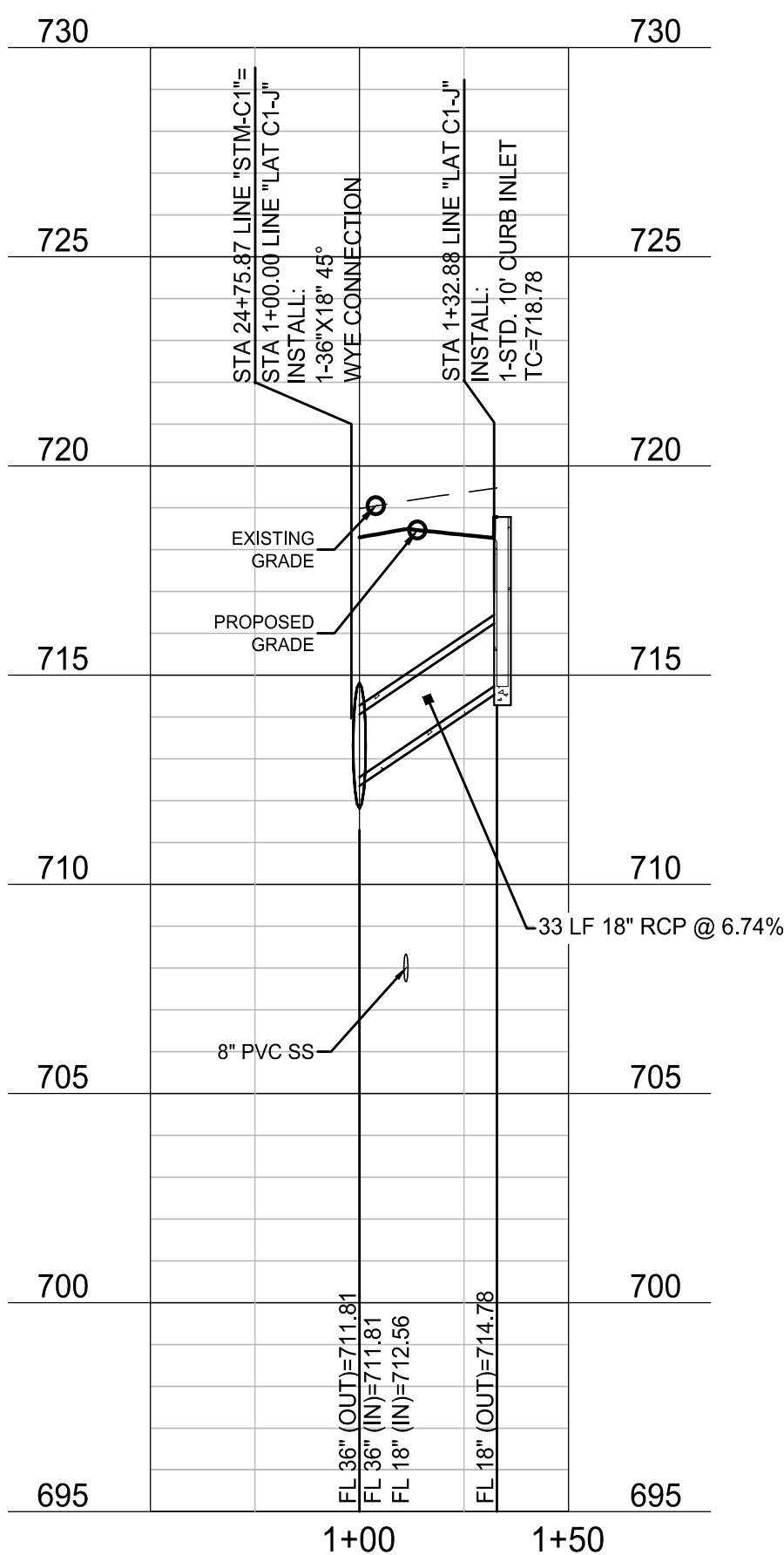
LAT C3-B



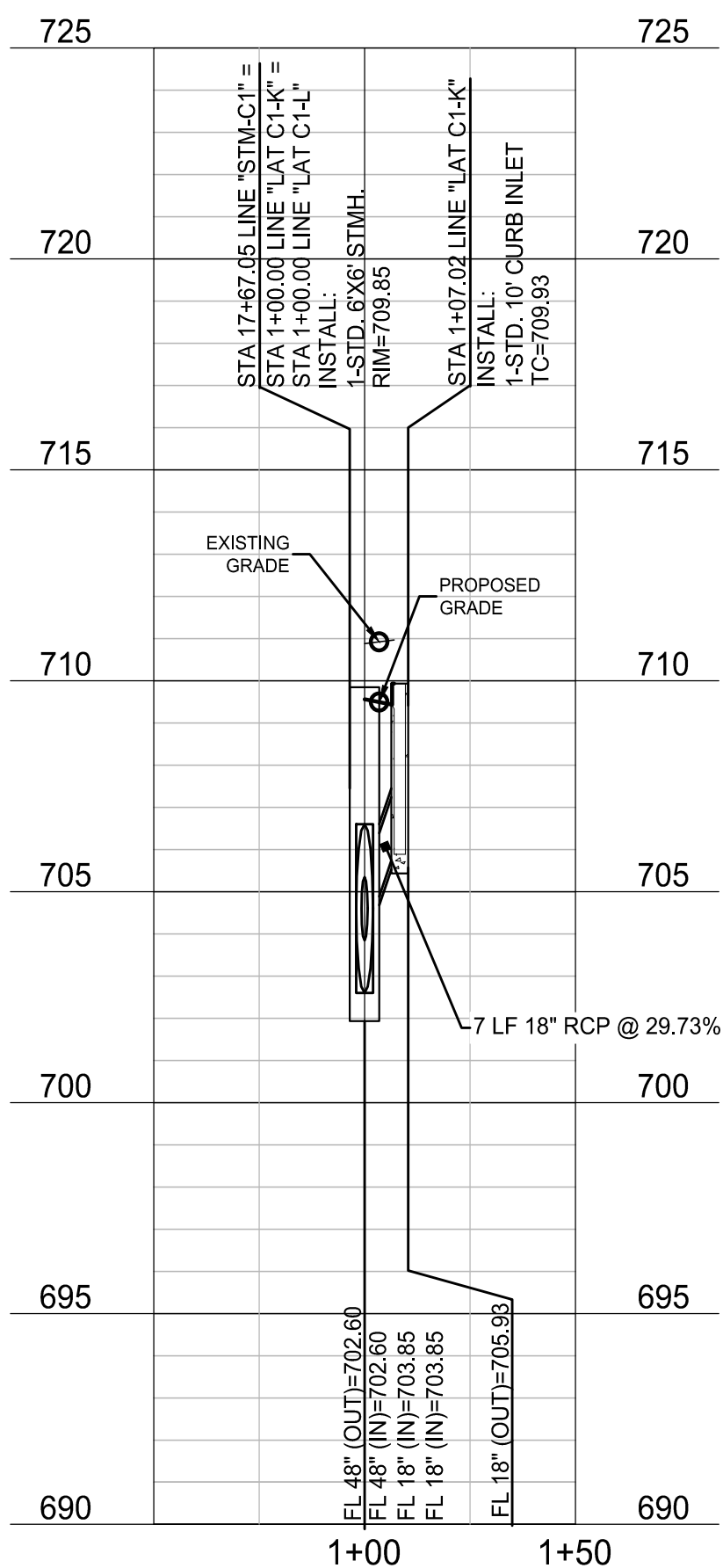
LAT C1-I



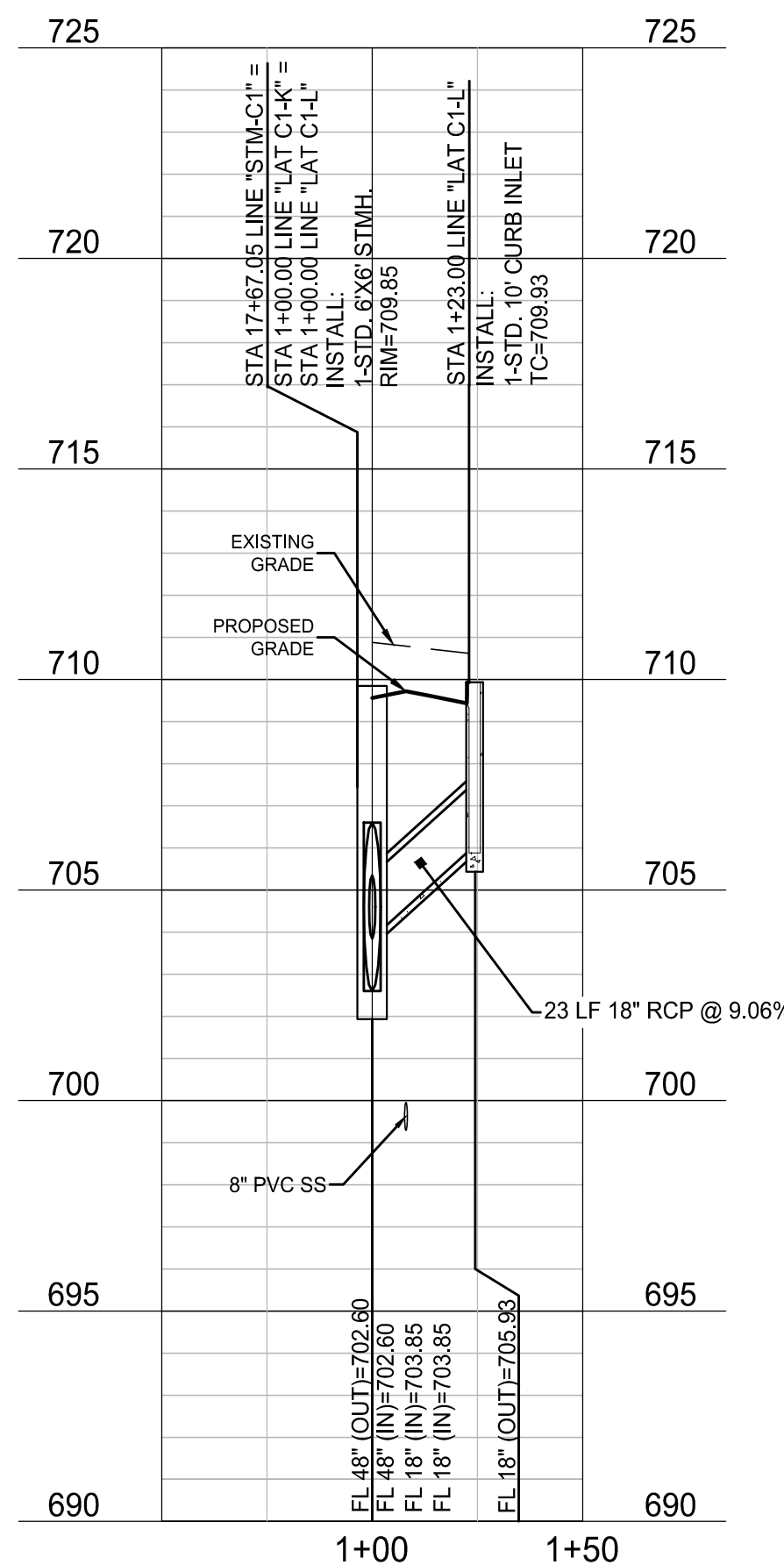
LAT C1-J



LAT C1-K



LAT C1-L



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM PROFILES - STM-C1 LATS

WESTON, COLLIN COUNTY, TEXAS



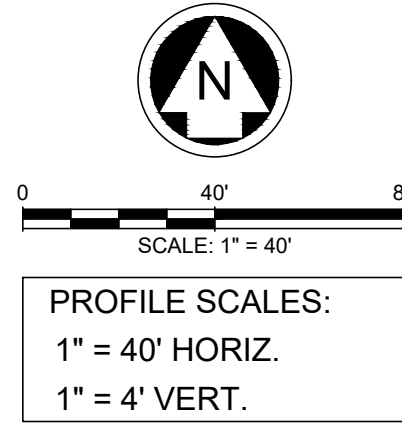
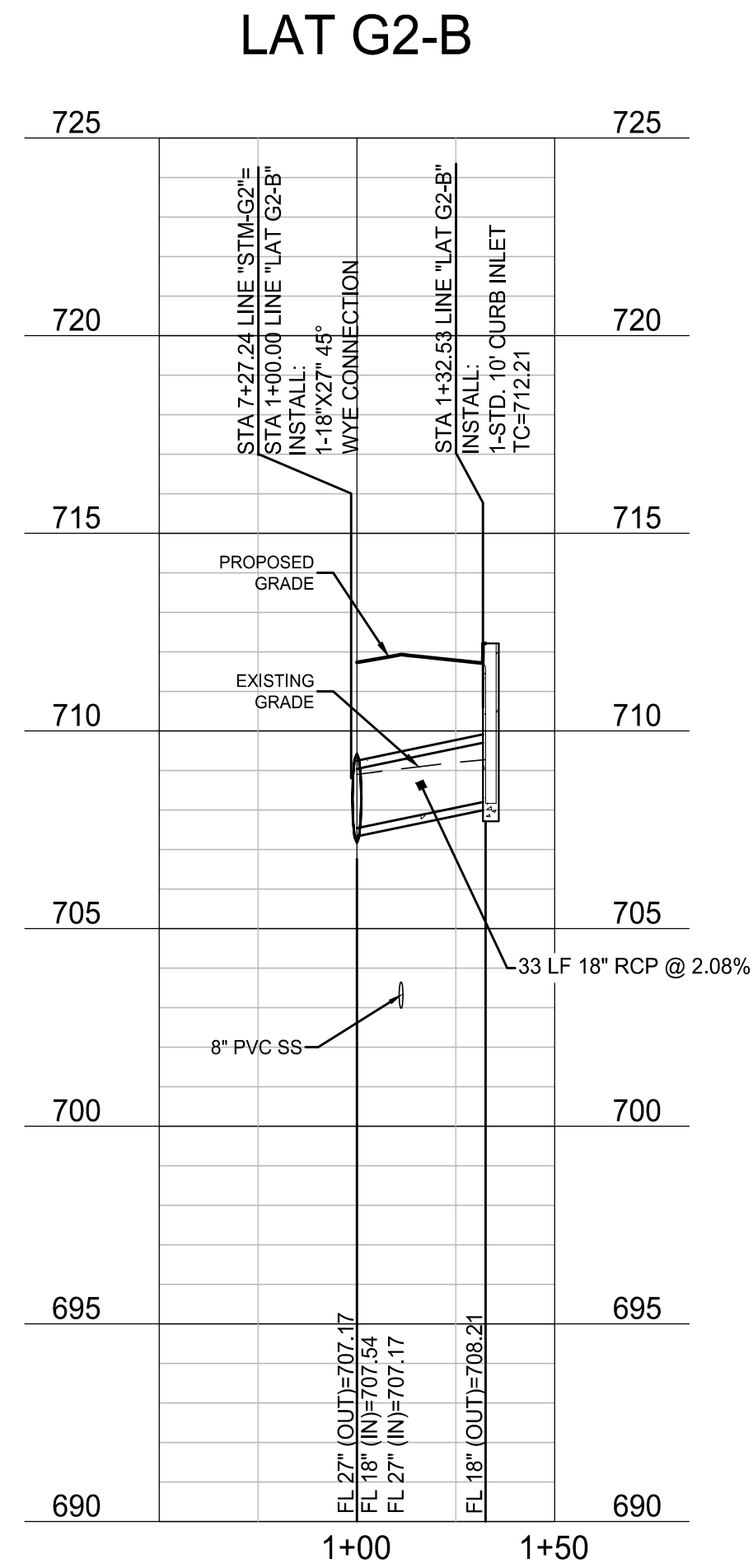
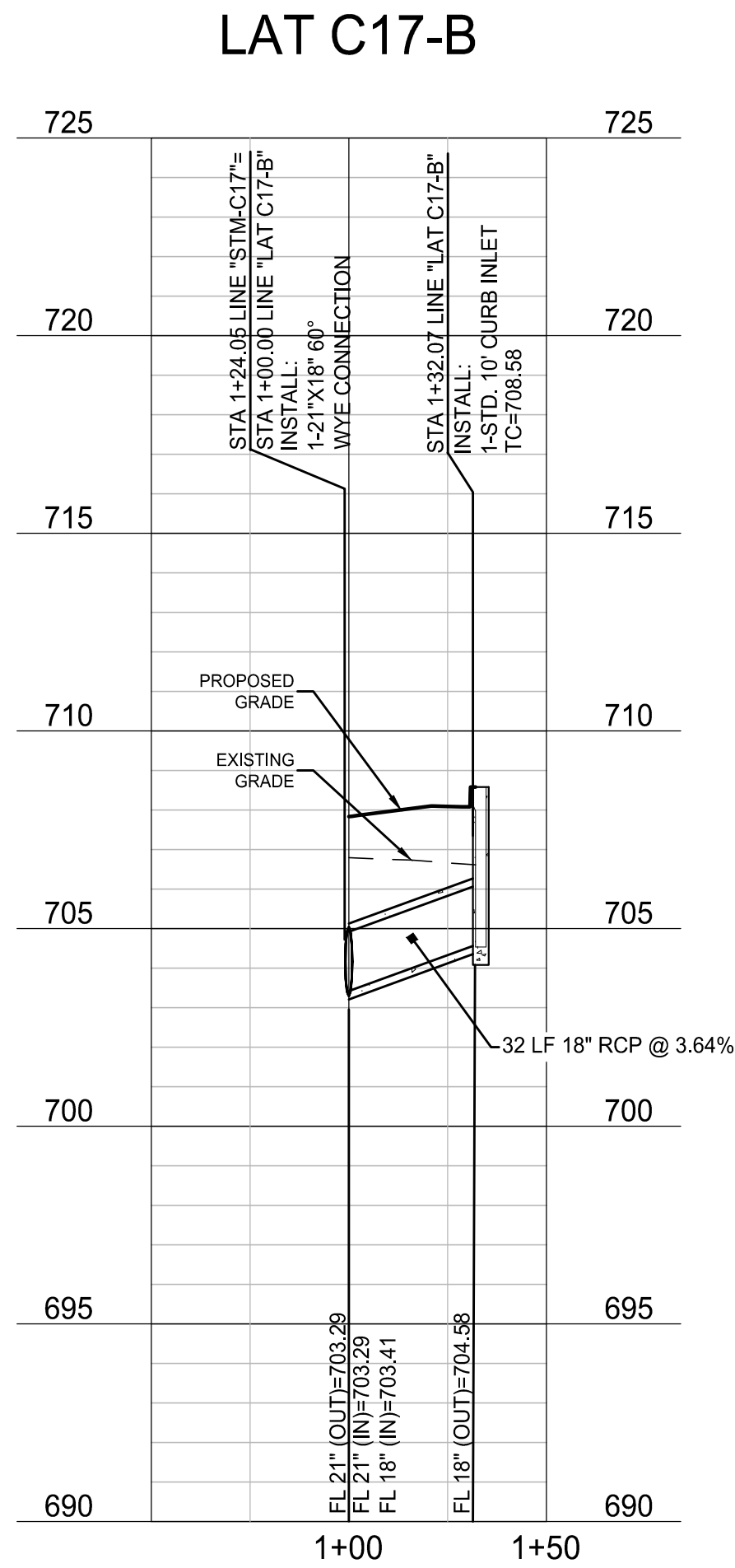
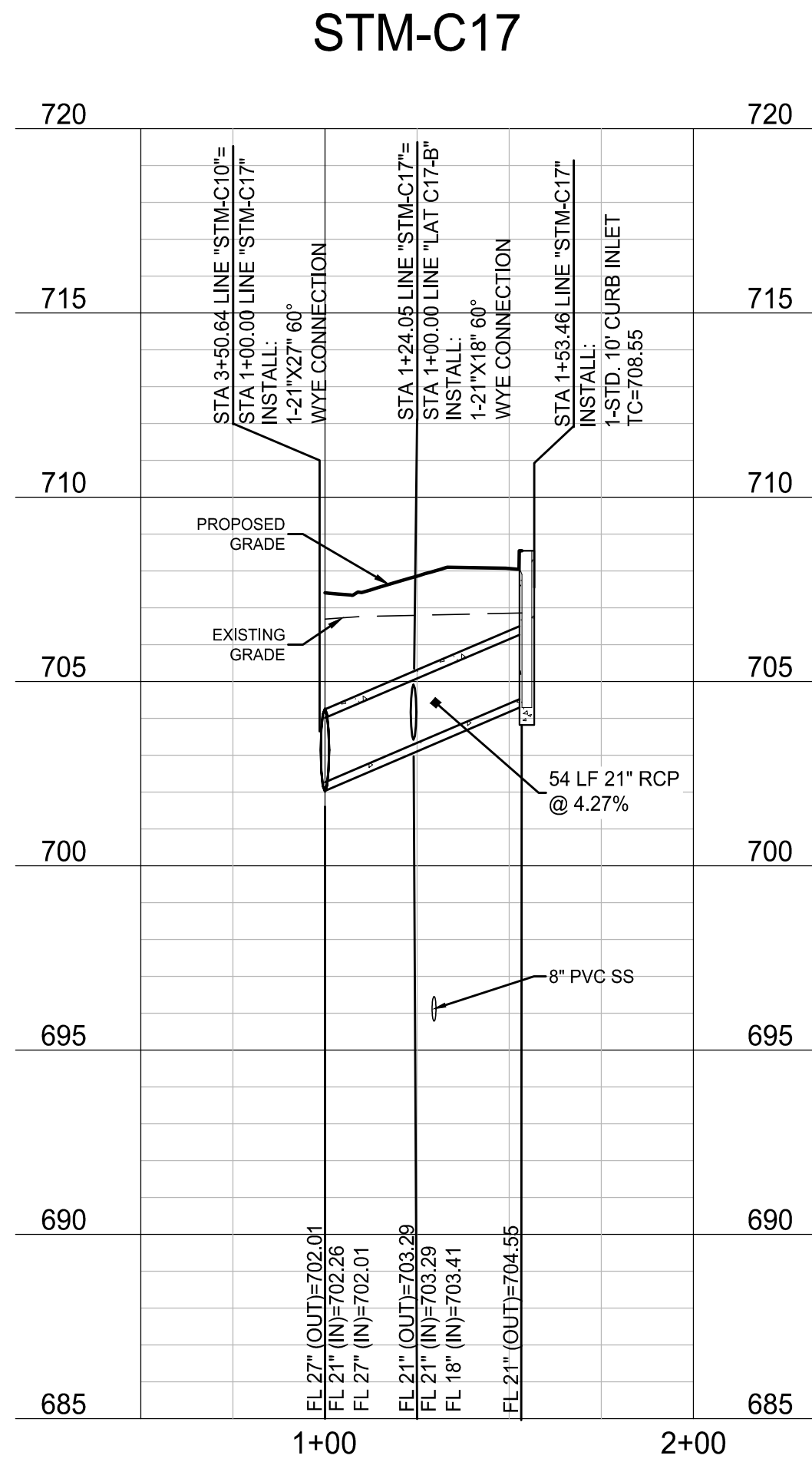
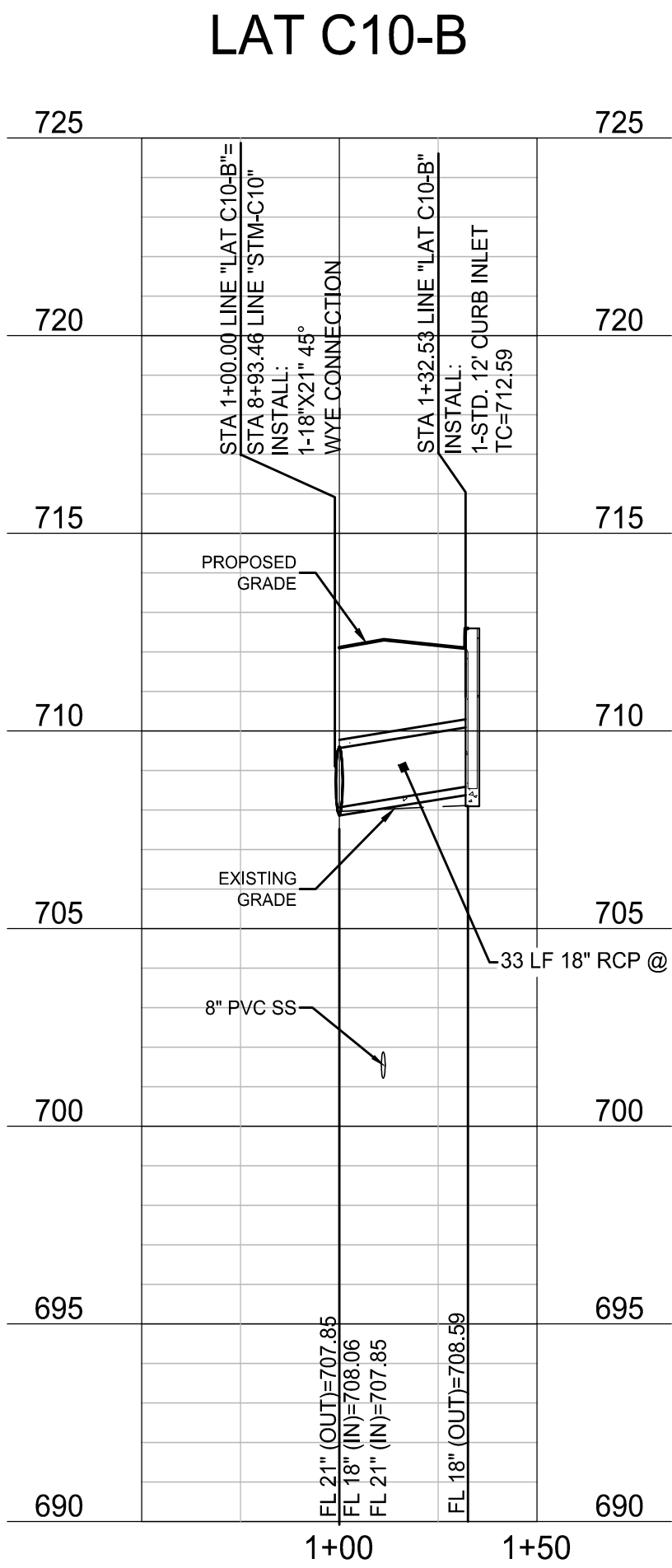
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 3.10 |
| DESIGNED: MCM | REVIEWER: JWR | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

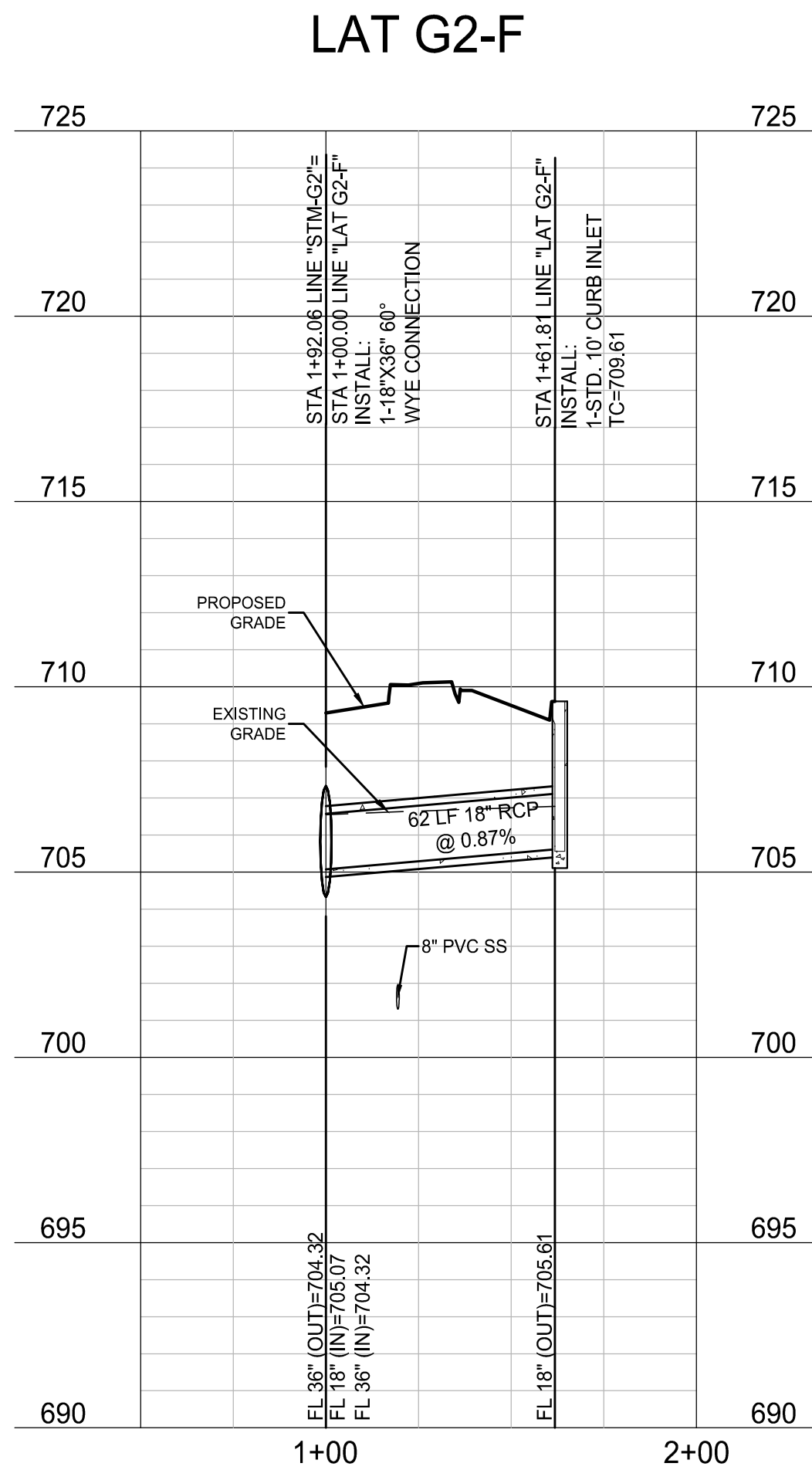
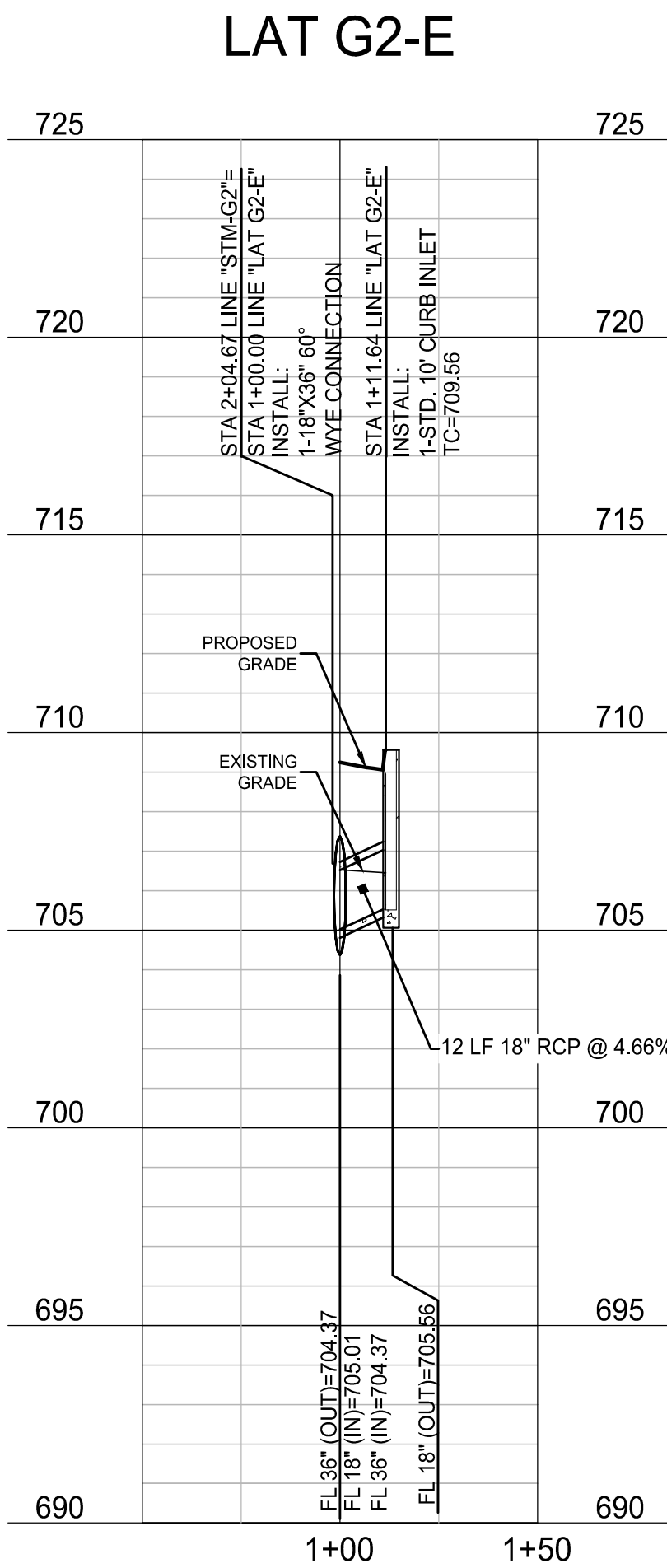
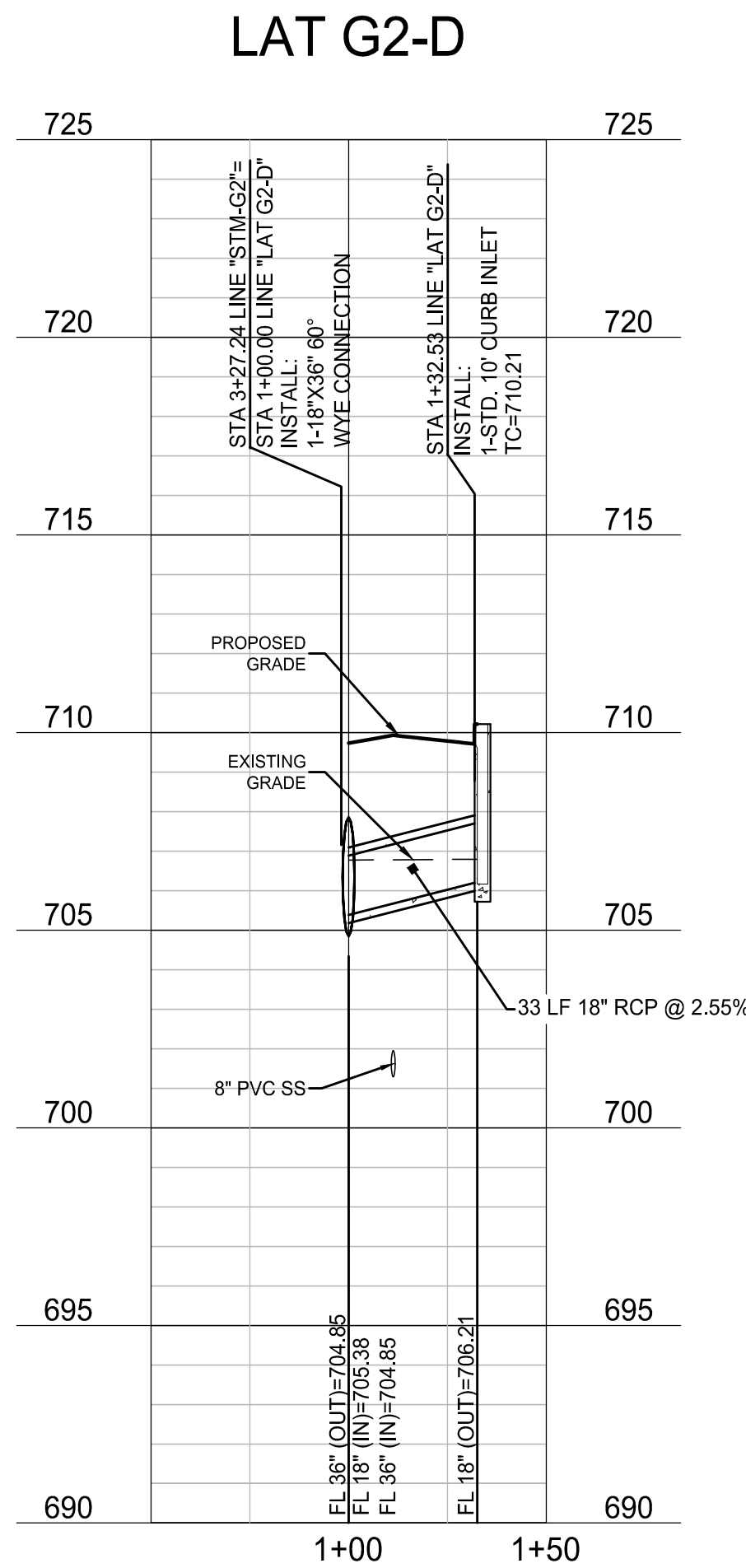
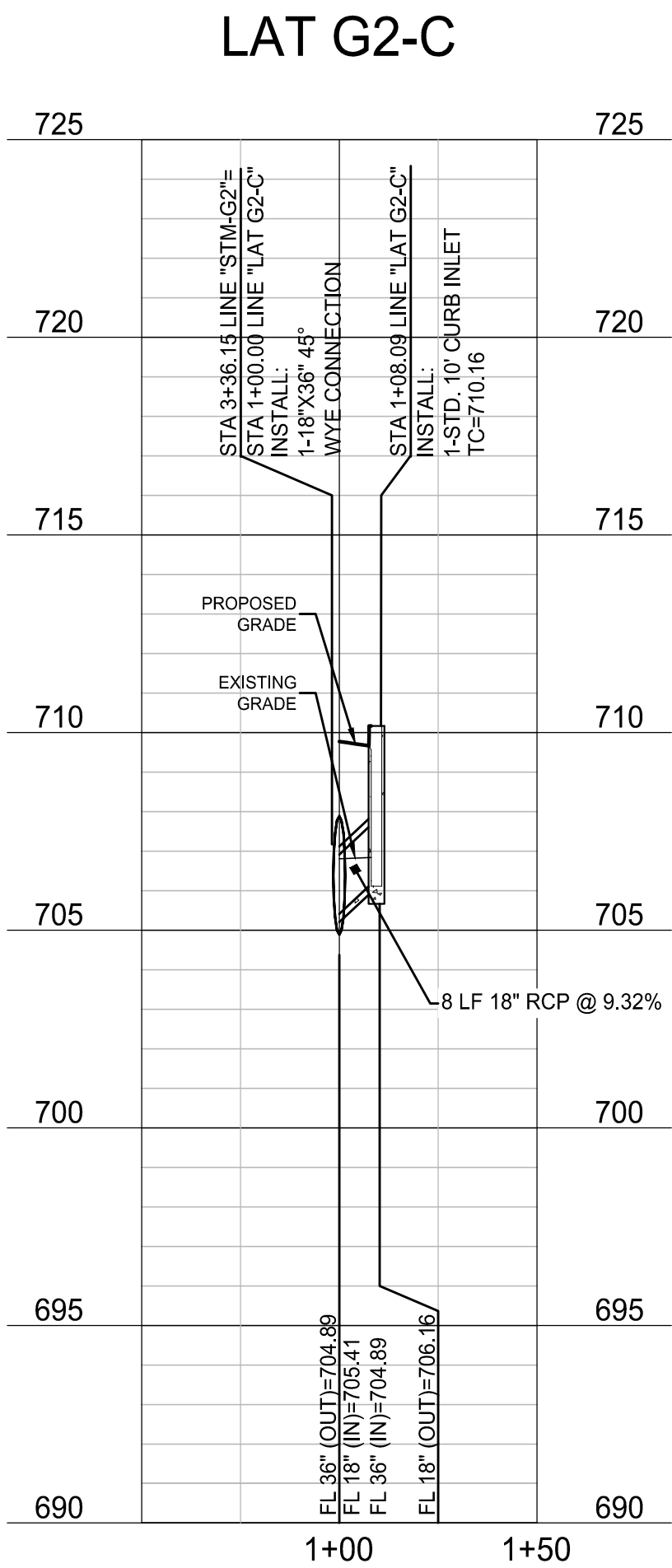
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED STORM
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.



BENCHMARKS

- BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'
- BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'
- BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM PROFILES - LINES C & G
LATS

WESTON, COLLIN COUNTY, TEXAS



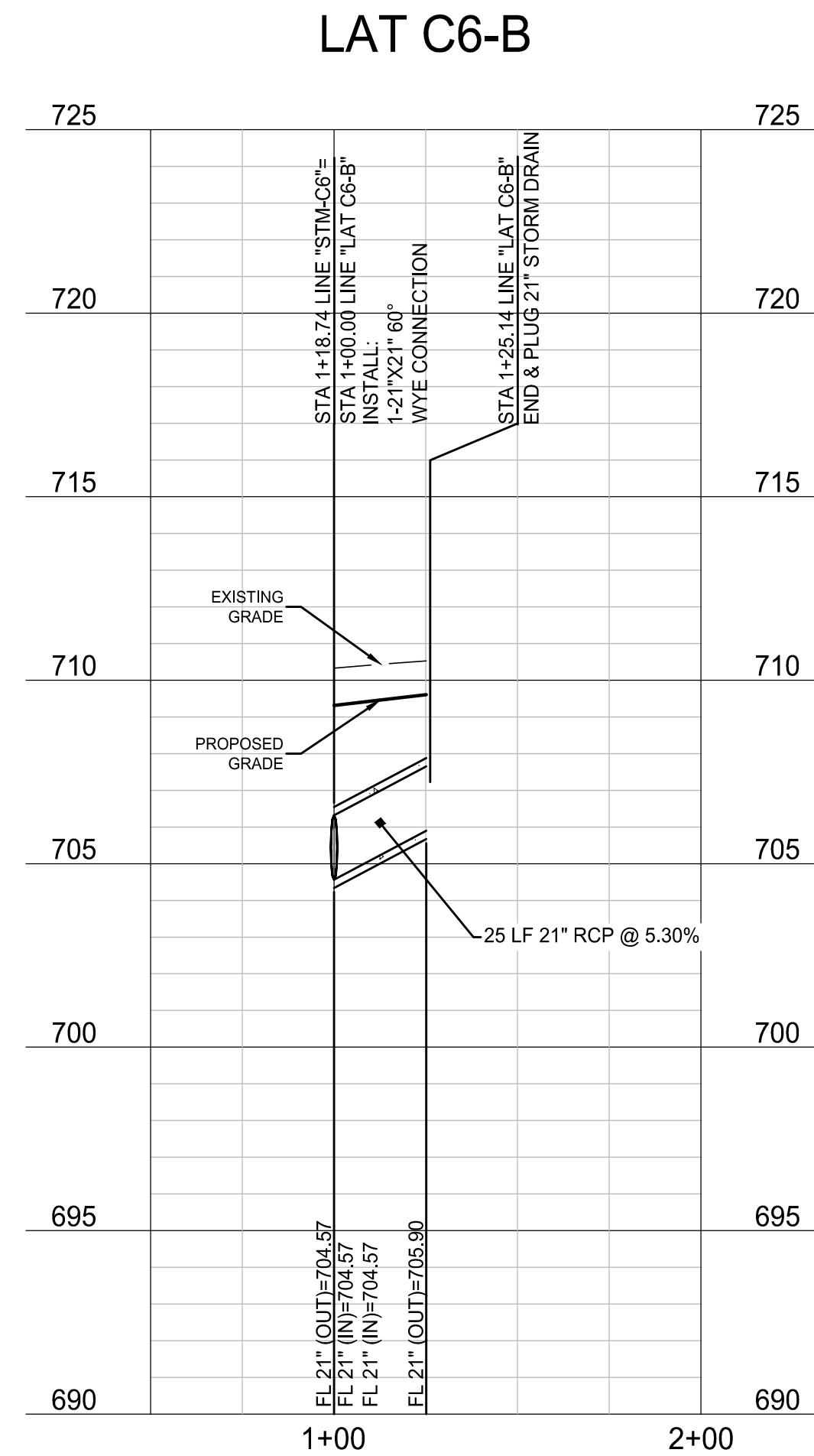
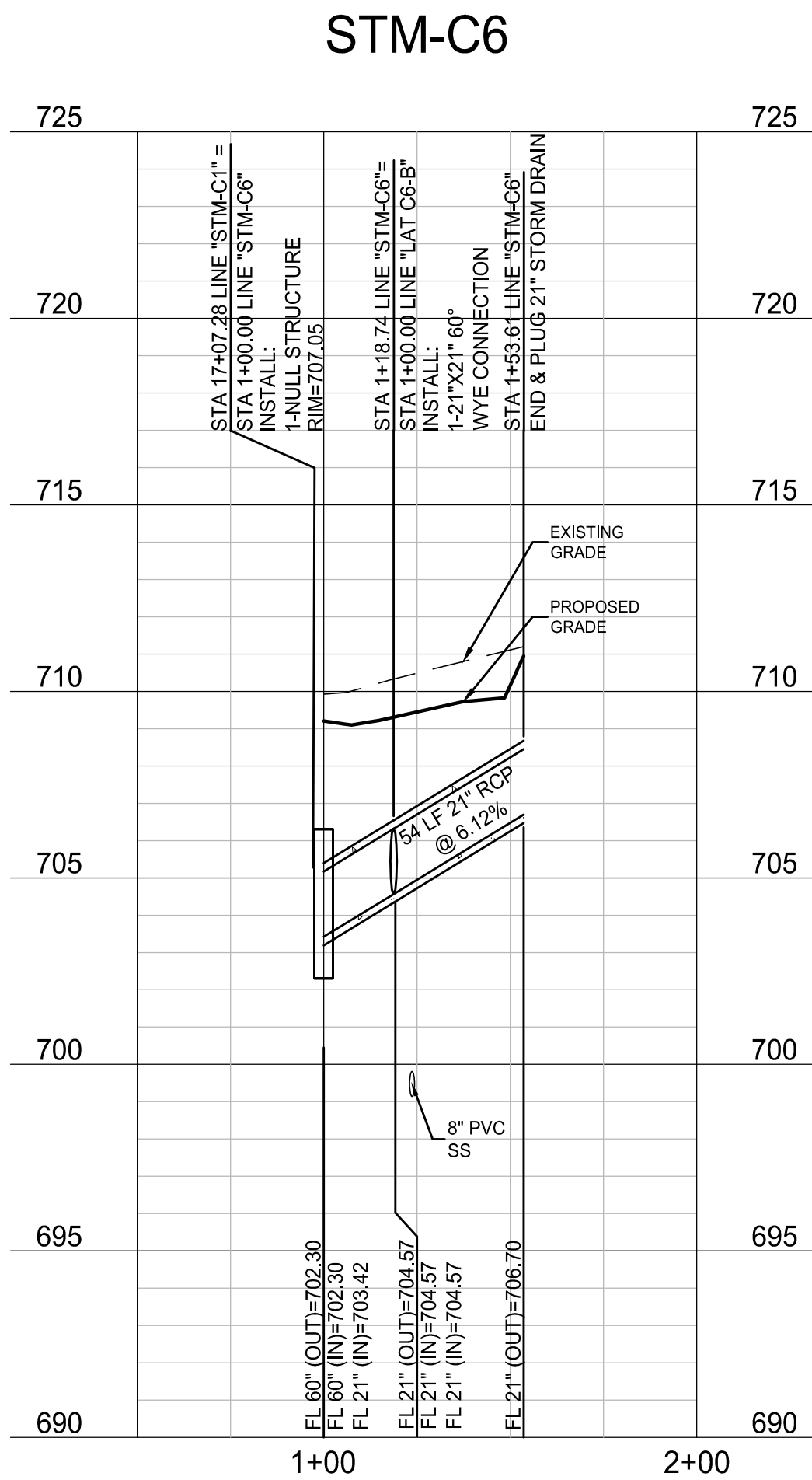
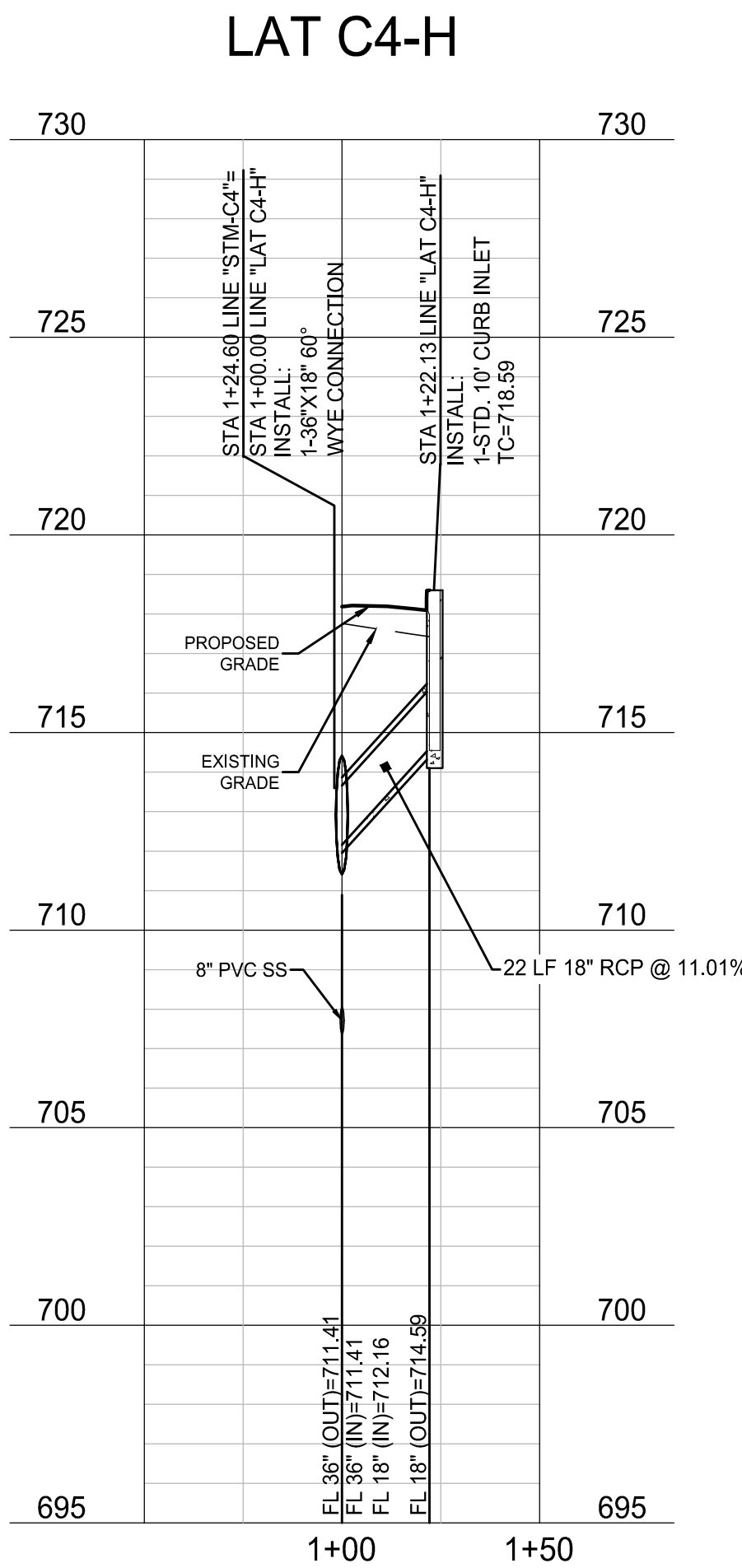
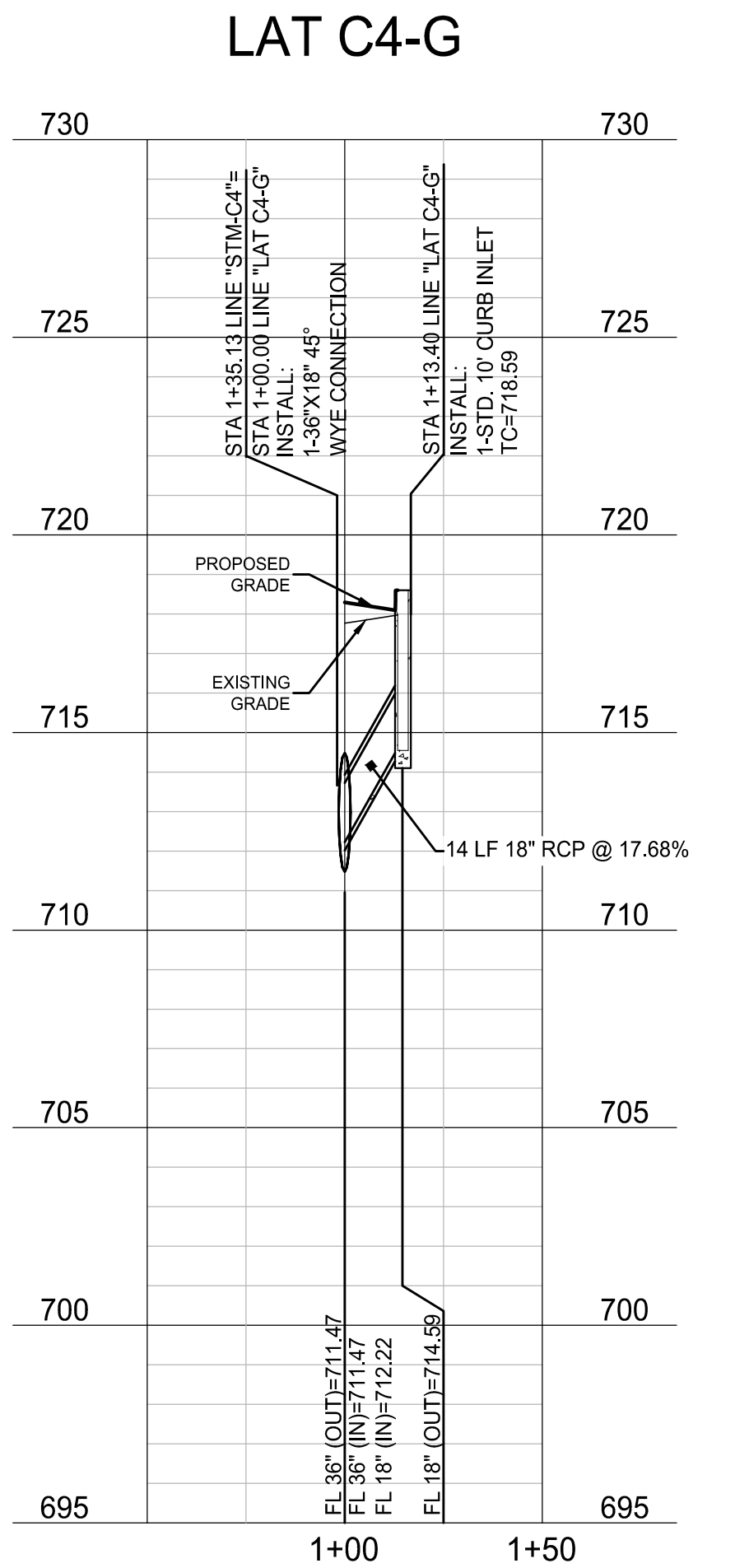
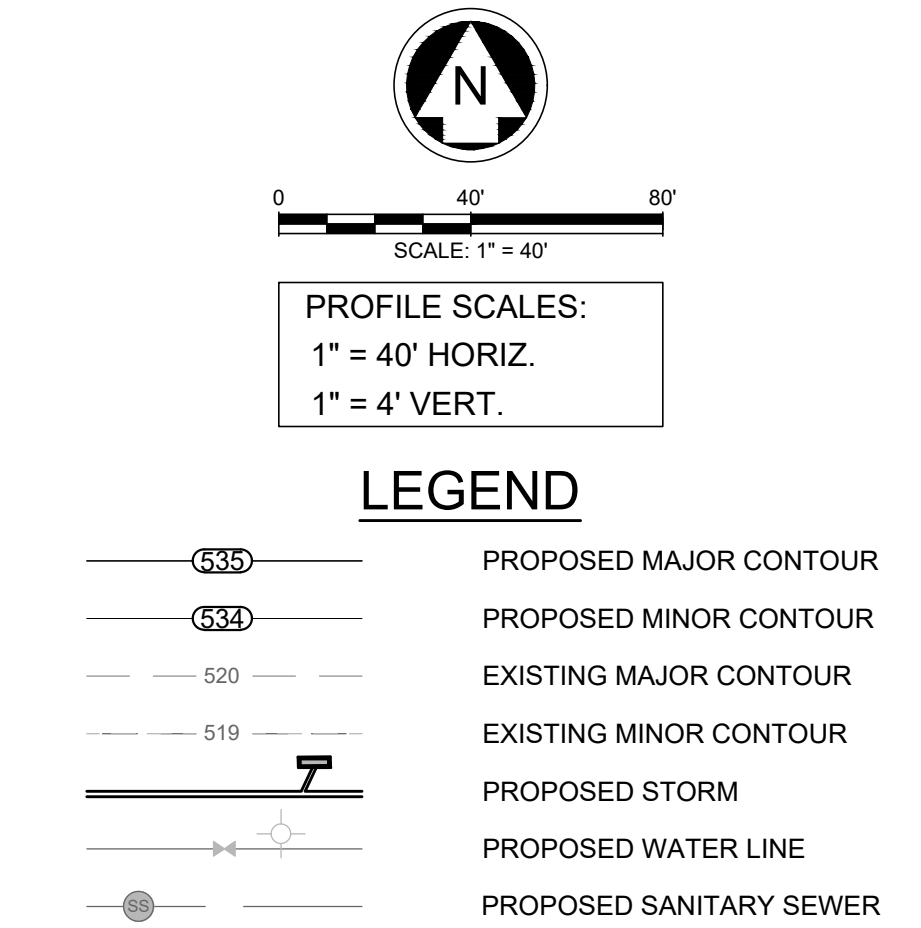
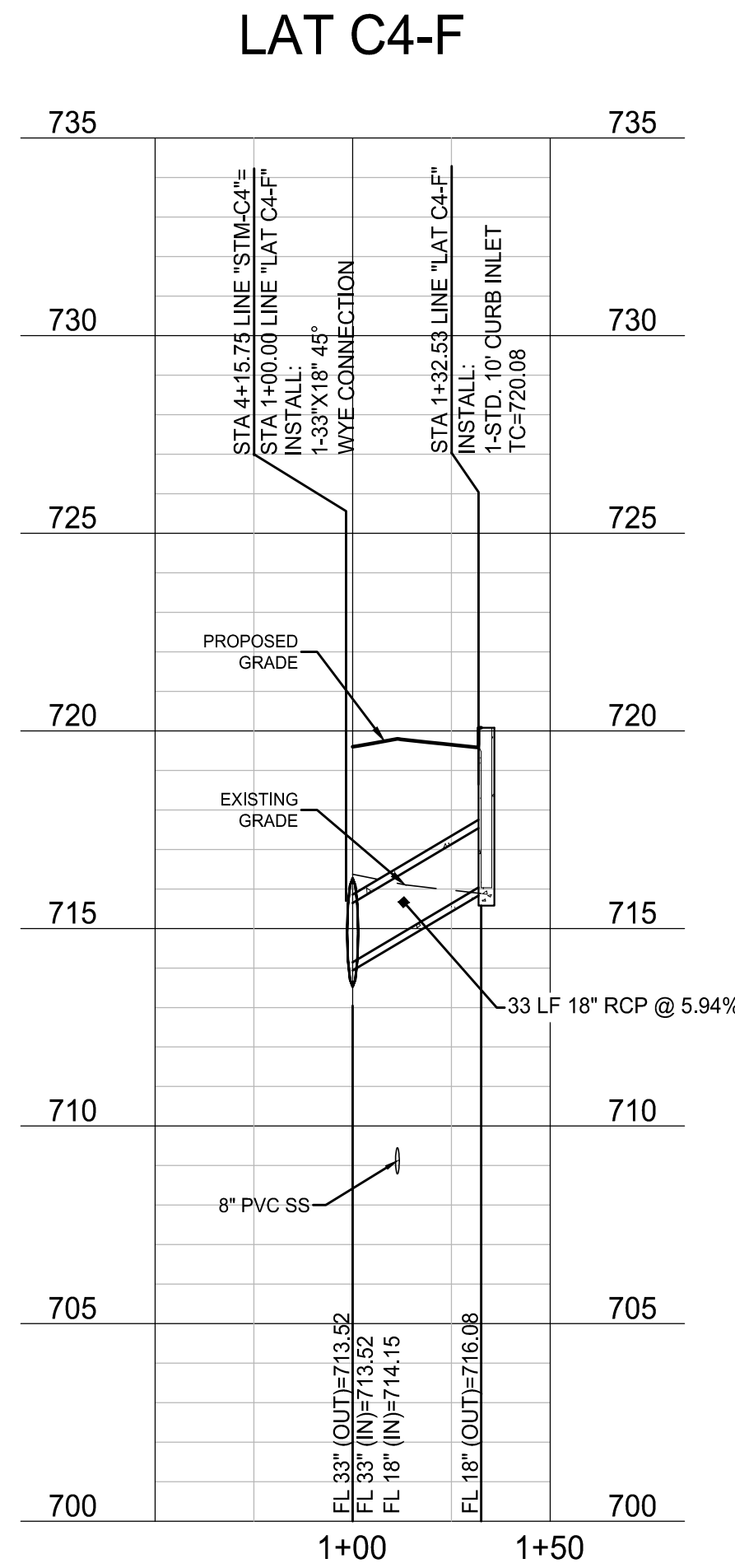
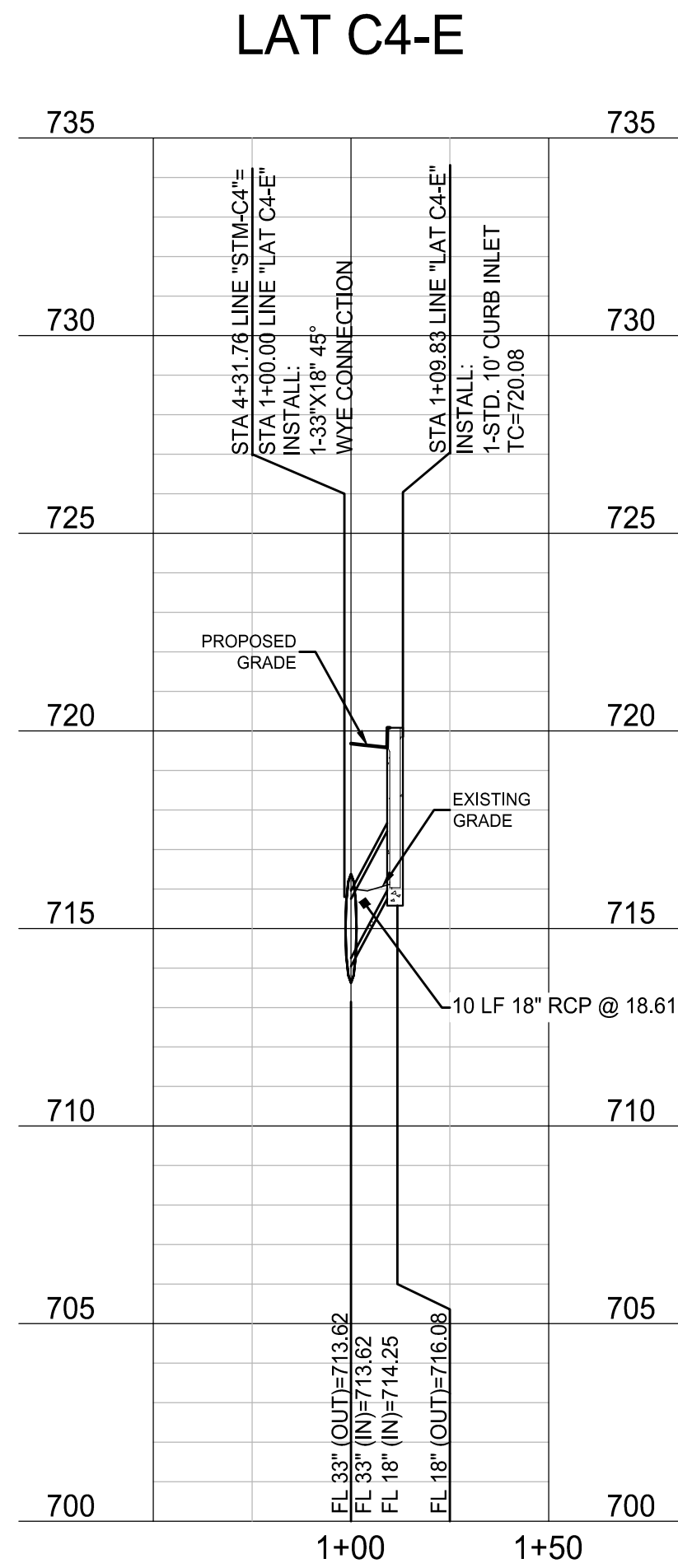
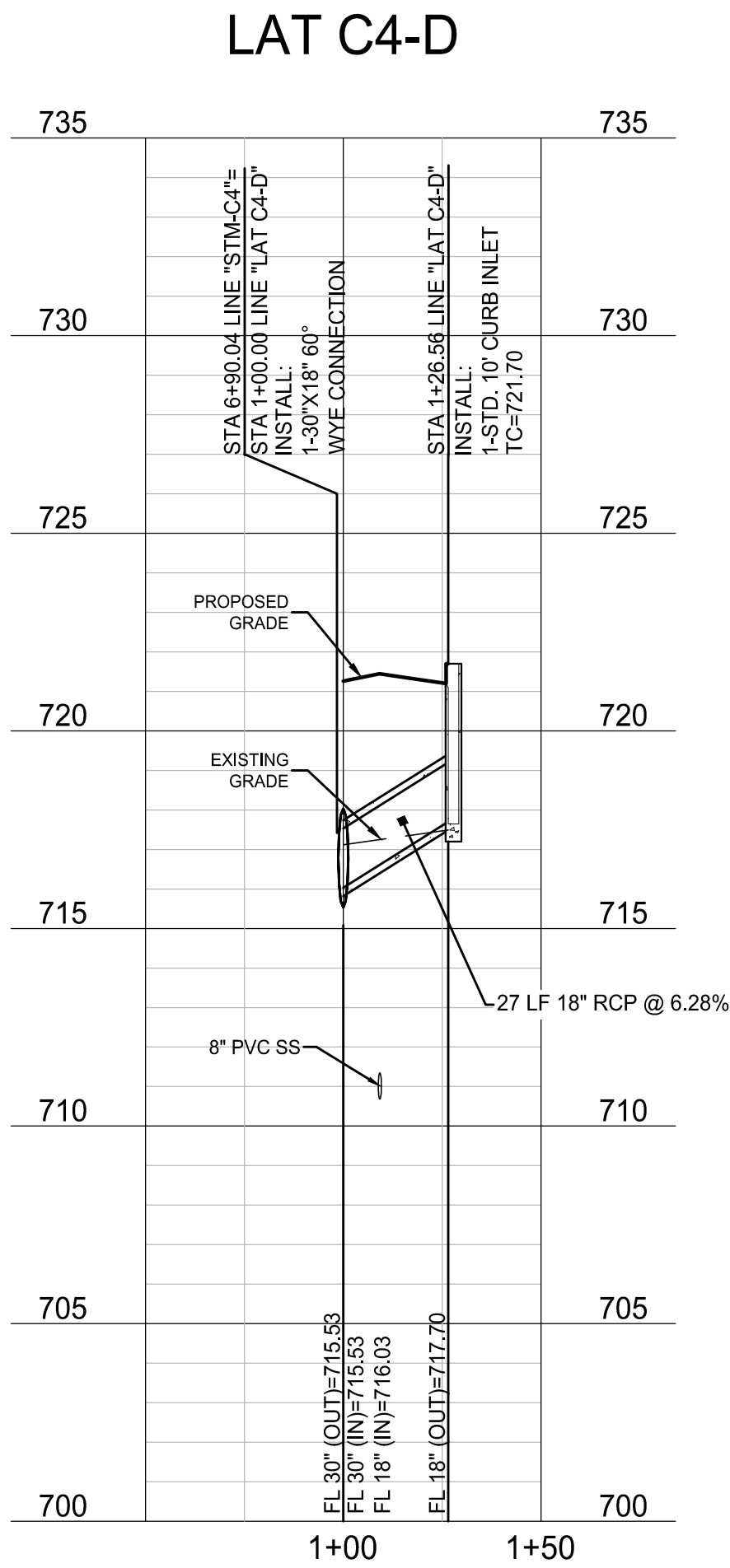
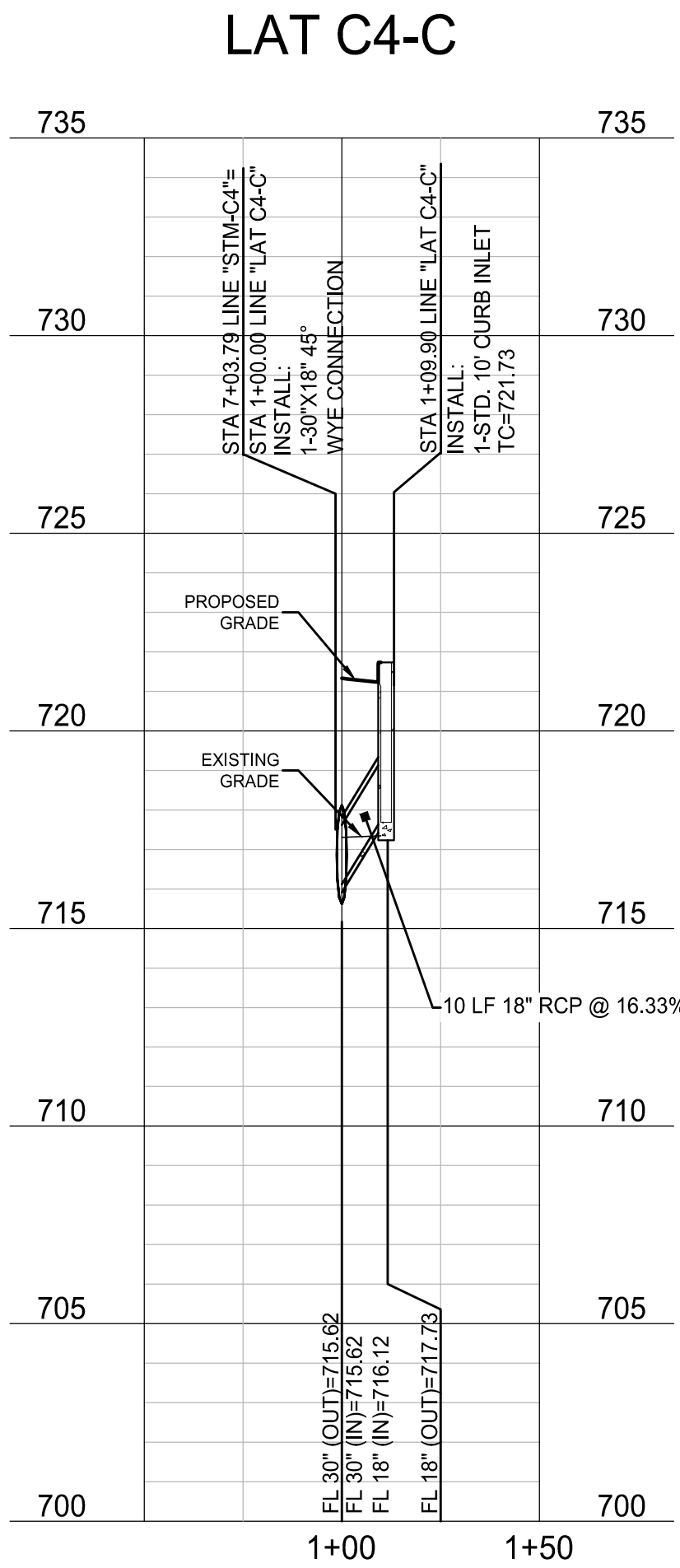
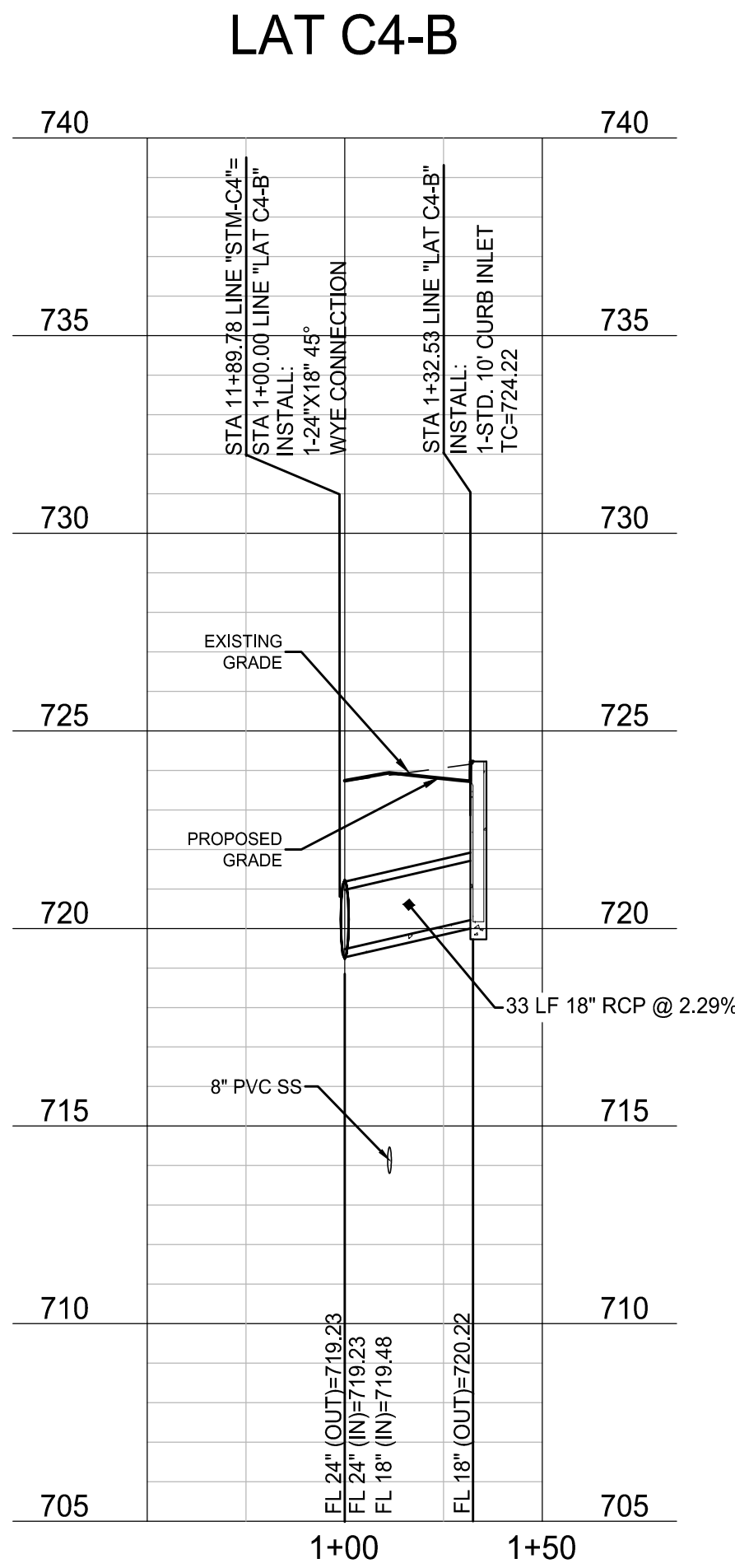
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.11 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

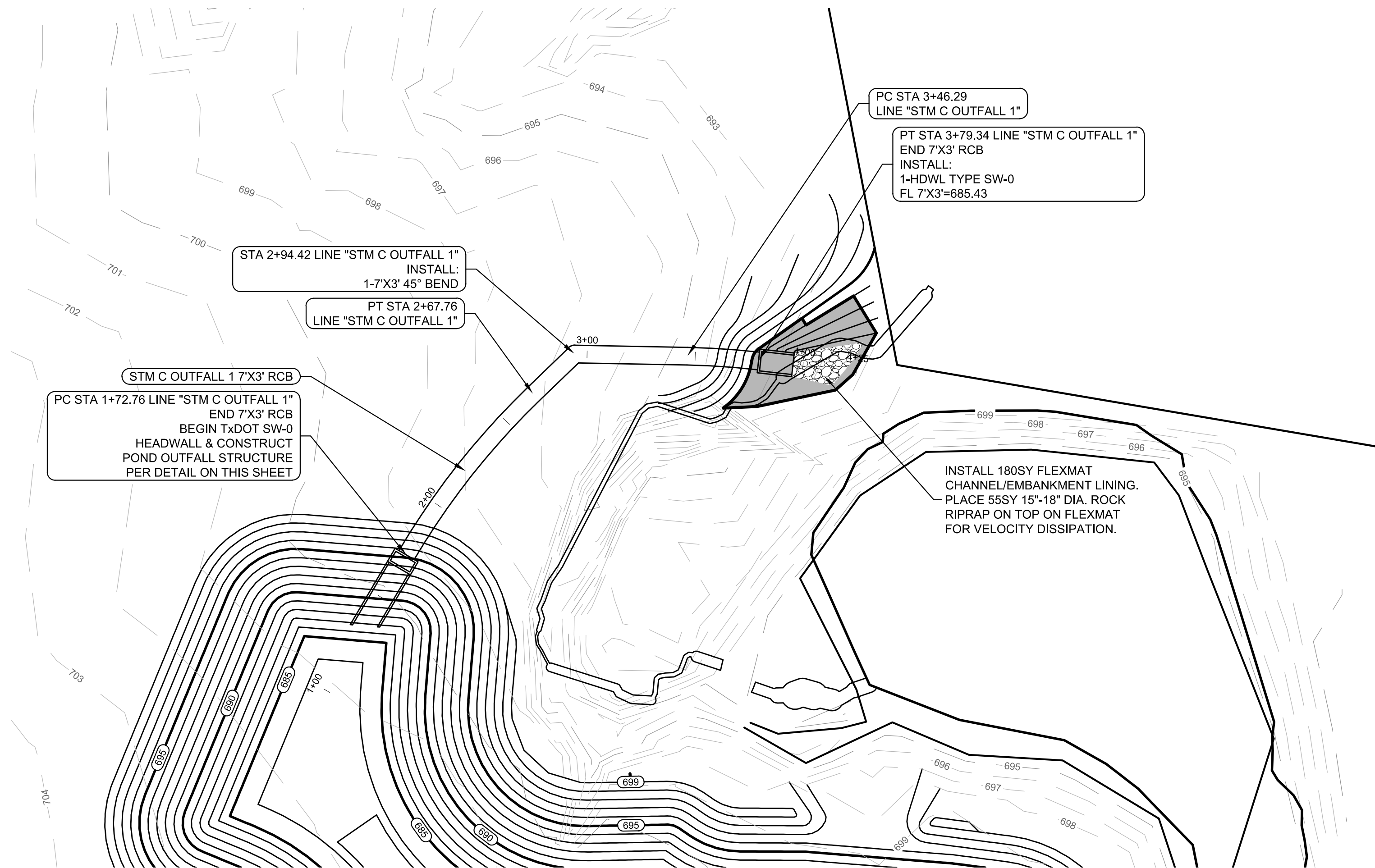
STORM PROFILES - STM-C4 LATS & STM-C6

WESTON, COLLIN COUNTY, TEXAS

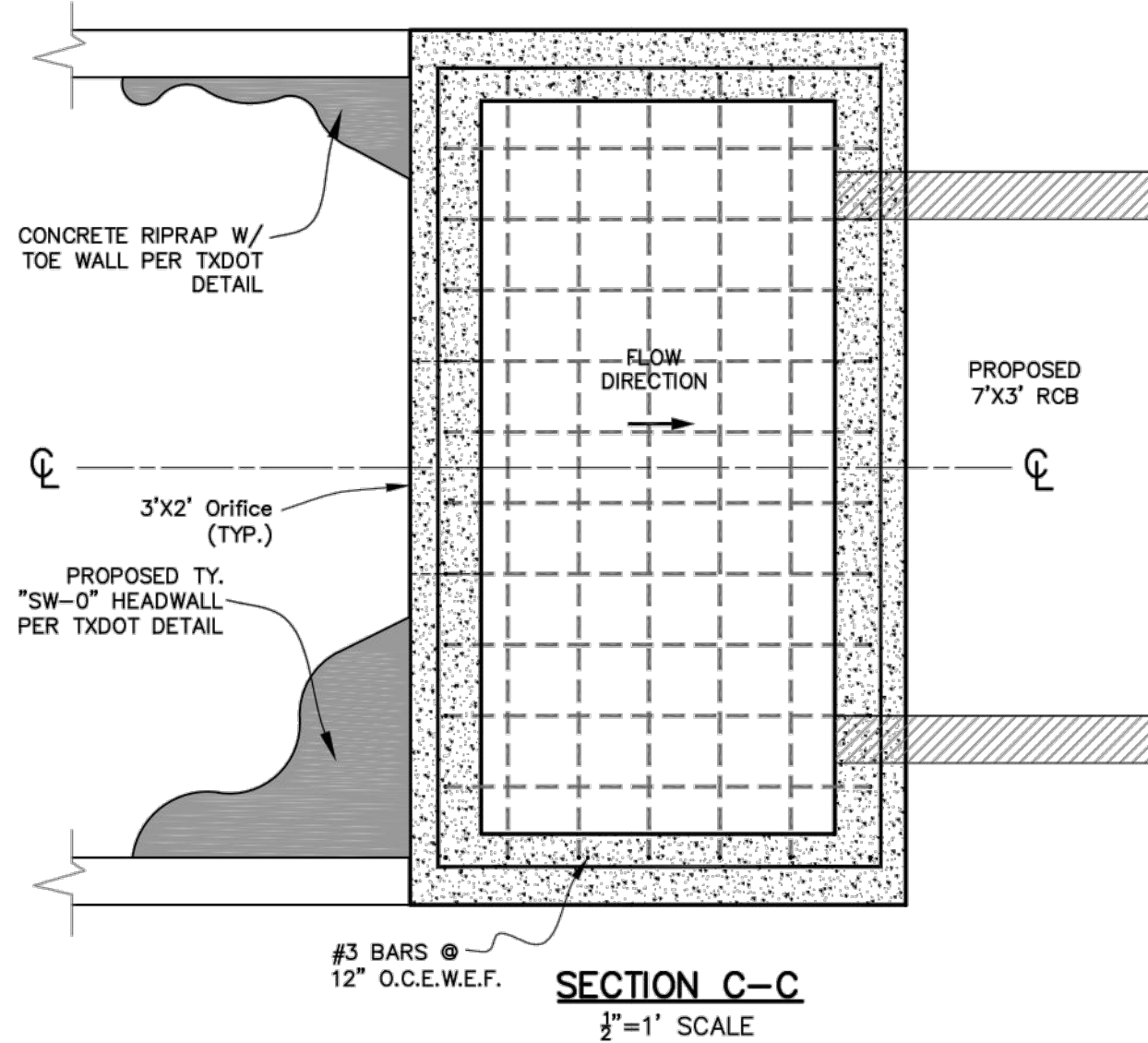
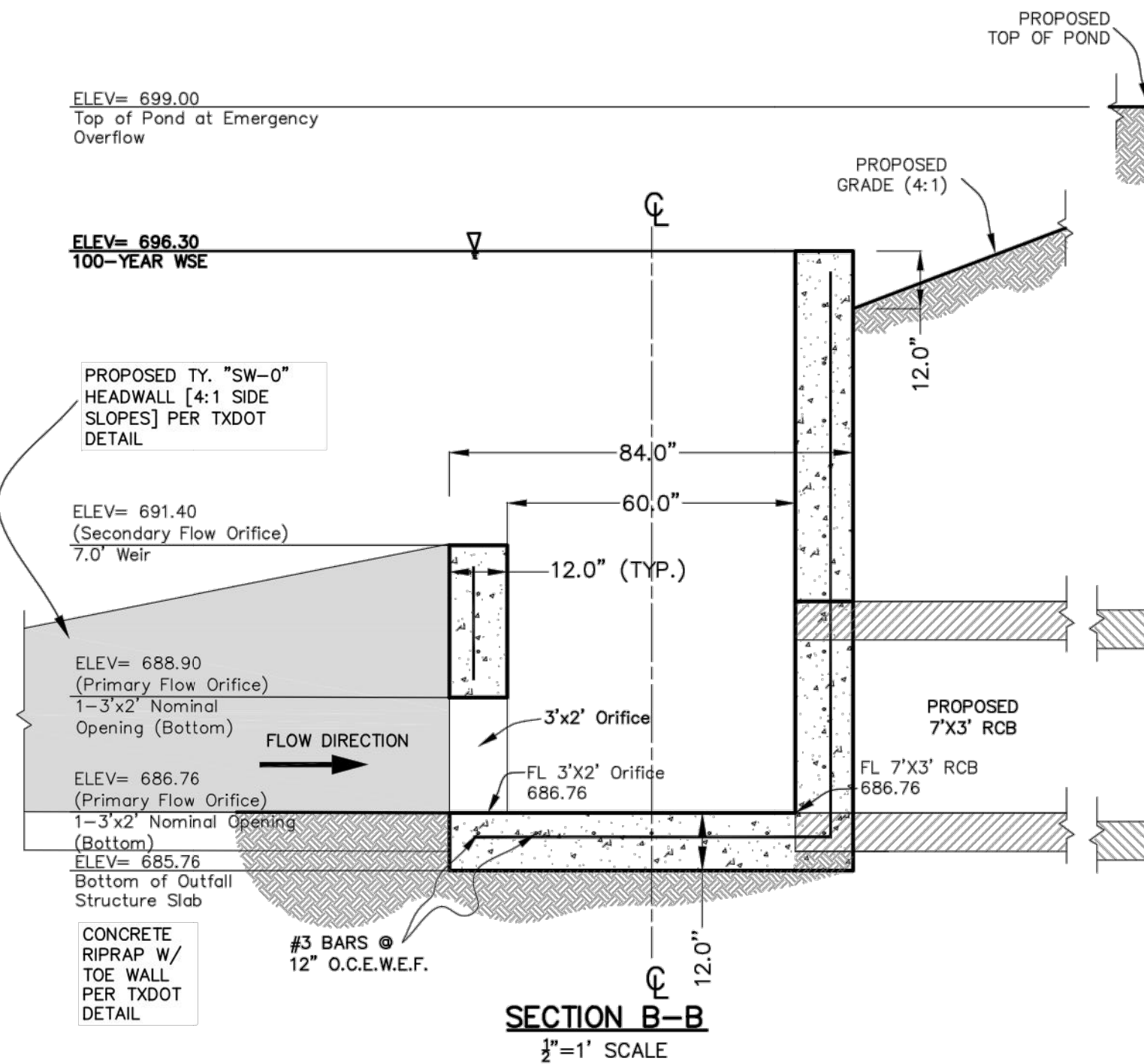
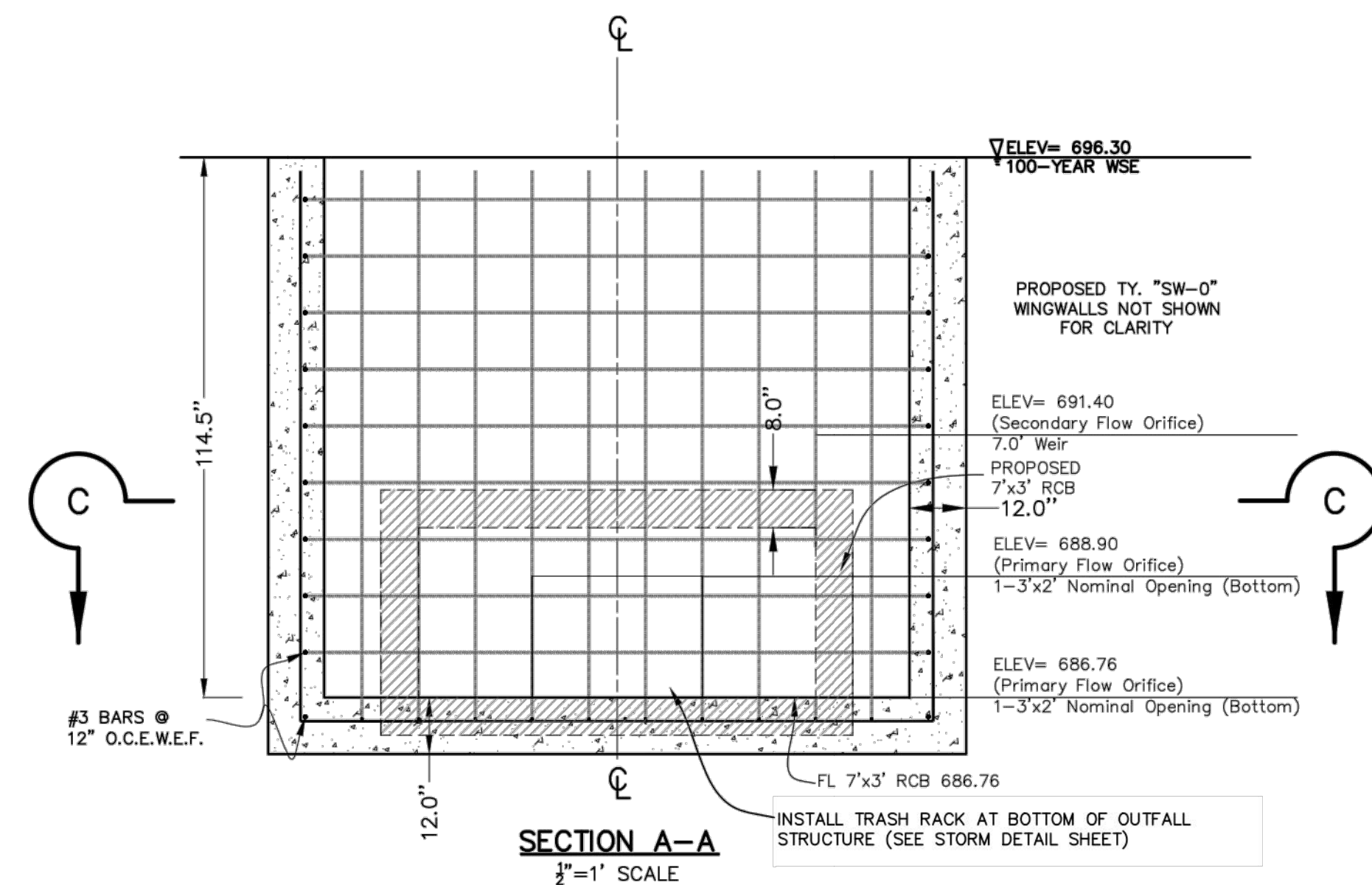
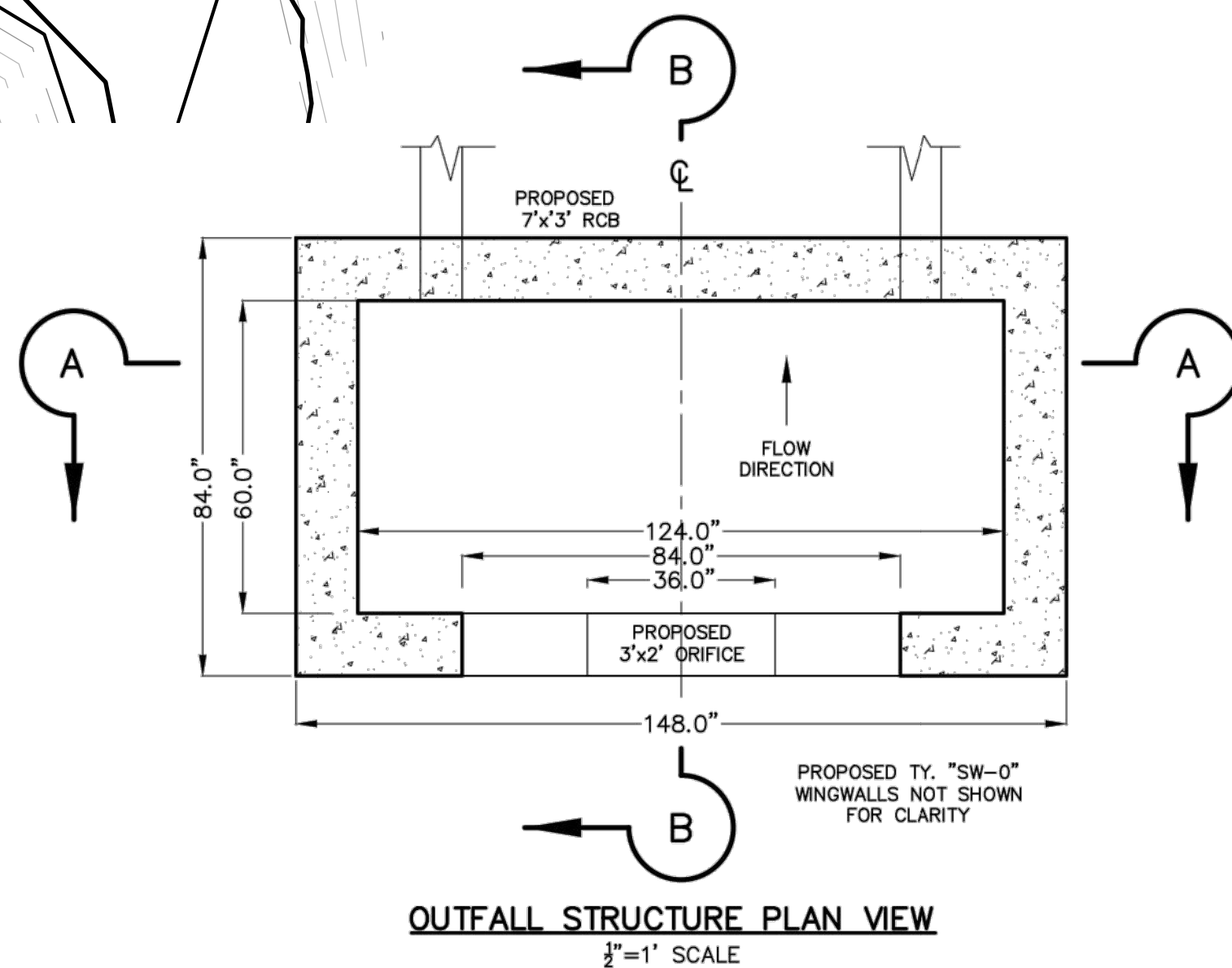
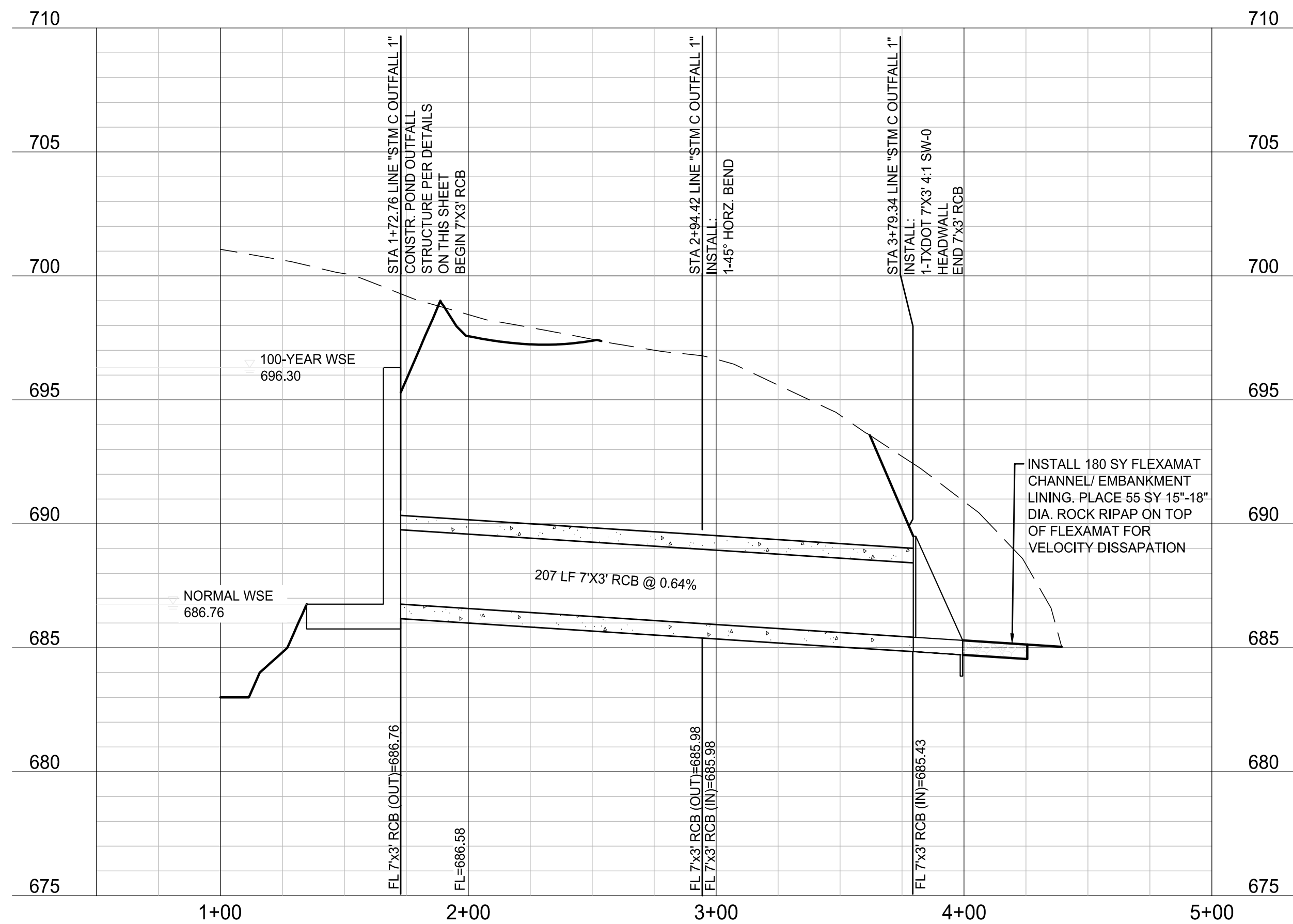


| | | | |
|---------------|---------------------|---------------------|-------------|
| DRAWN: MCM | DATE: DECEMBER 2020 | PROJECT #: LEN20001 | SHEET: 3.12 |
| DESIGNED: MCM | REVIEWER: JWR | | |

Drawing: J:\06\060001 - Venetian at Weston\Phase 1\Civil\LEN20001-C-Storm.dwg
User: JWR
Title: Stormwater Management
Date: 11/30/2020 10:45 PM
Plot Date/Time: 11/30/2020 3:45 PM



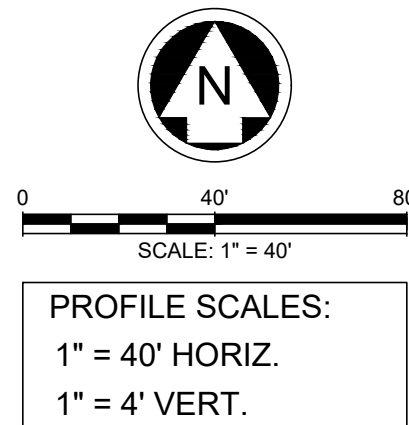
STM C OUTFALL 1



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED STORM
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - STORM CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL STORM DRAIN PIPES, BOXES, INLETS, APPURTENANCES, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - RUBBER GASKETS SHALL BE USED FOR INSTALLATION OF ALL SUBMERGED STORM DRAIN PIPES.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 84971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

VENETIAN AT WESTON, PHASE 1

POND OUTFALL


WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 3.13 |
| REVIEWER: JWR | | | |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



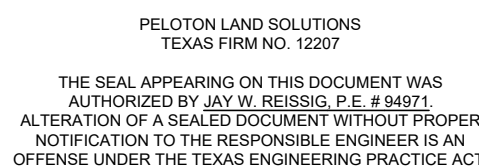
| Category | Value |
|----------|-------|
| 1.00 | 1.00 |
| 5.50 | 5.50 |

DRAINAGE AREA NAME
DRAINAGE AREA (ACRES)
100 YEAR FLOW (C.F.S.)

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

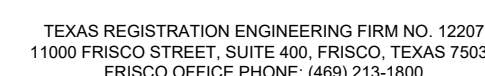
BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'

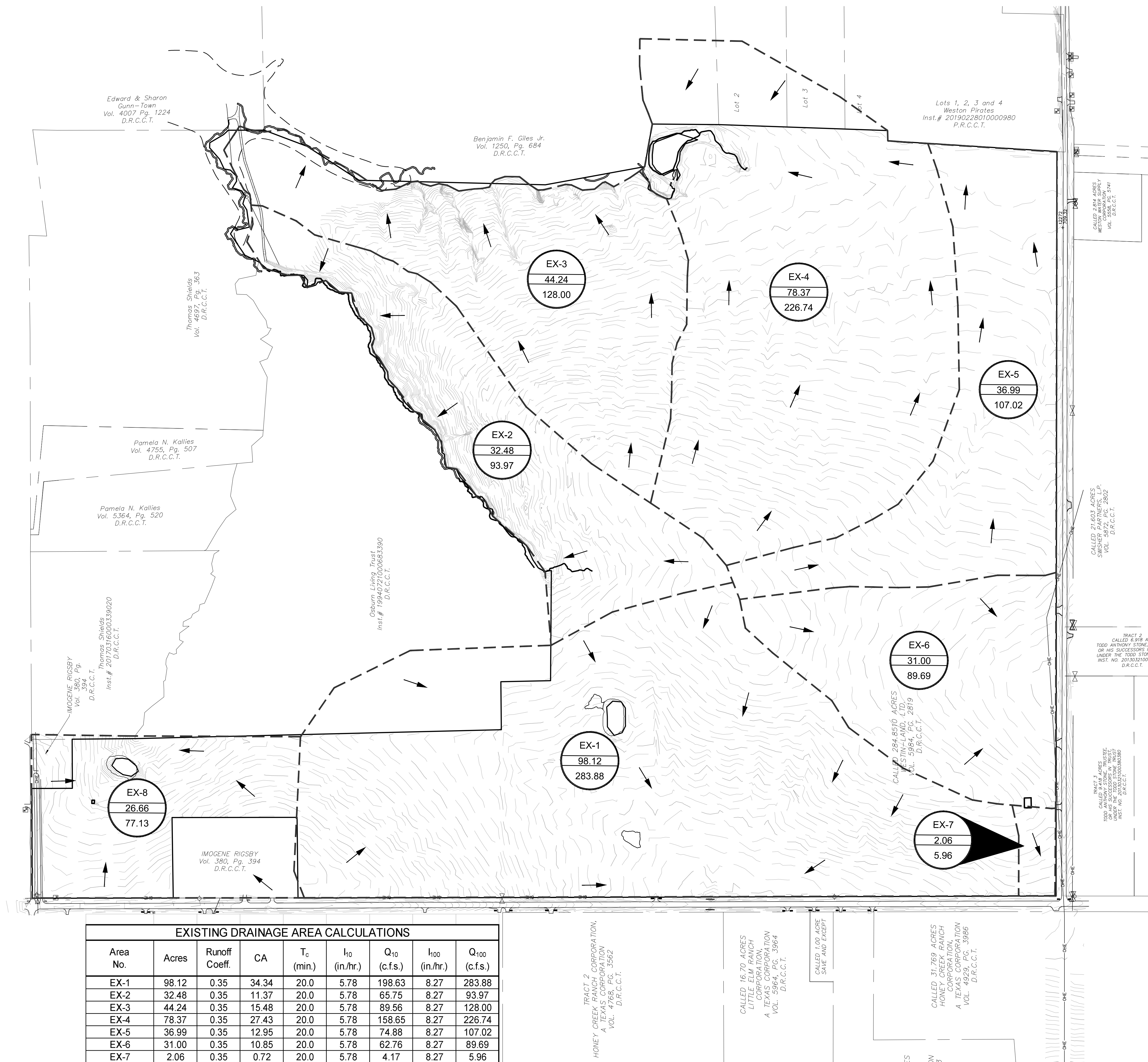
VENETIAN AT WESTON, PHASE 1

EXISTING DRAINAGE AREA MAP

WESTON, COLLIN COUNTY, TEXAS



| | | | |
|---------------|----------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER | LEN20001 | 4.01 |
| REVIEWER: JWR | 2020 | | |



| EXISTING DRAINAGE AREA CALCULATIONS | | | | | | | | |
|-------------------------------------|-------|---------------|-------|-----------------------|---------------------------|--------------------------|----------------------------|---------------------------|
| Area No. | Acres | Runoff Coeff. | CA | T _c (min.) | I ₁₀ (in./hr.) | Q ₁₀ (c.f.s.) | I ₁₀₀ (in./hr.) | Q ₁₀₀ (c.f.s.) |
| EX-1 | 98.12 | 0.35 | 34.34 | 20.0 | 5.78 | 198.63 | 8.27 | 283.88 |
| EX-2 | 32.48 | 0.35 | 11.37 | 20.0 | 5.78 | 65.75 | 8.27 | 93.97 |
| EX-3 | 44.24 | 0.35 | 15.48 | 20.0 | 5.78 | 89.56 | 8.27 | 128.00 |
| EX-4 | 78.37 | 0.35 | 27.43 | 20.0 | 5.78 | 158.65 | 8.27 | 226.74 |
| EX-5 | 36.99 | 0.35 | 12.95 | 20.0 | 5.78 | 74.88 | 8.27 | 107.02 |
| EX-6 | 31.00 | 0.35 | 10.85 | 20.0 | 5.78 | 62.76 | 8.27 | 89.69 |
| EX-7 | 2.06 | 0.35 | 0.72 | 20.0 | 5.78 | 4.17 | 8.27 | 5.96 |

Drawing: J:\Job\len20001_villages at weston\Phase1\Civil\CAD\LEN20001-C-DAM-E
 Last Saved by: Rmarteiz
 Last Saved: 11/6/2020 11:53 AM
 Plot Date/Time: 12/2/2020 3:40 PM

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

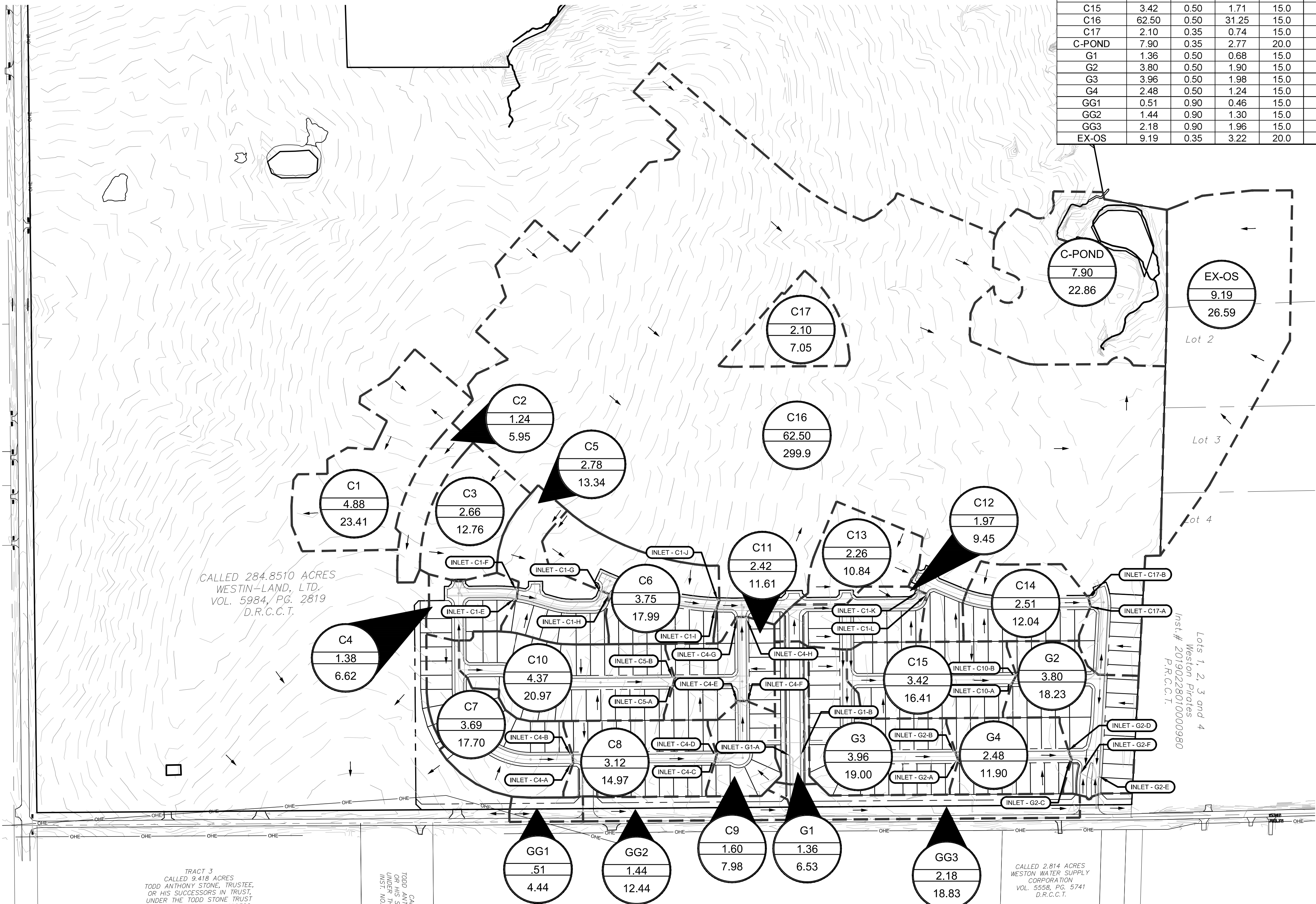


0 200' 400'
SCALE: 1" = 200'

LEGEND

- | | |
|--|--------------------------|
| | MAJOR CONTOUR |
| | MINOR CONTOUR |
| | PROPOSED STORM |
| | DRAINAGE DIVIDE |
| | DRAINAGE FLOW DIRECTION |
| | CURB INLET |
| | INLET NUMBER |
| | PROPOSED SWALE |
| | 100 YEAR FLOODPLAIN LINE |
| | DRAINAGE AREA NAME |
| | DRAINAGE AREA (ACRES) |
| | 100 YEAR FLOW (C.F.S.) |

| PROPOSED DRAINAGE AREA CALCULATIONS | | | | | | | | | |
|-------------------------------------|-------|---------------|-------|-----------------------|---------------------------|--------------------------|----------------------------|---------------------------|-----------------------|
| Area No. | Acres | Runoff Coeff. | CA | T _c (min.) | I ₁₀ (in./hr.) | Q ₁₀ (c.f.s.) | I ₁₀₀ (in./hr.) | Q ₁₀₀ (c.f.s.) | COLLECTION INLET |
| C1 | 4.88 | 0.50 | 2.44 | 15.0 | 6.71 | 16.37 | 9.60 | 23.41 | FUTURE C1 INLETS |
| C2 | 1.24 | 0.50 | 0.62 | 15.0 | 6.71 | 4.16 | 9.60 | 5.95 | FUTURE C1 INLETS |
| C3 | 2.66 | 0.50 | 1.33 | 15.0 | 6.71 | 8.92 | 9.60 | 12.76 | FUTURE C1 INLETS |
| C4 | 1.38 | 0.50 | 0.69 | 15.0 | 6.71 | 4.63 | 9.60 | 6.62 | C1-E & C1-F |
| C5 | 2.78 | 0.50 | 1.39 | 15.0 | 6.71 | 9.33 | 9.60 | 13.34 | C1-G & C1-H |
| C6 | 3.75 | 0.50 | 1.88 | 15.0 | 6.71 | 12.58 | 9.60 | 17.99 | C1-I & C1-J |
| C7 | 3.69 | 0.50 | 1.85 | 15.0 | 6.71 | 12.38 | 9.60 | 17.70 | C4-A & C4-B |
| C8 | 3.12 | 0.50 | 1.56 | 15.0 | 6.71 | 10.47 | 9.60 | 14.97 | C4-C & C4-D |
| C9 | 1.60 | 0.50 | 0.80 | 15.0 | 6.71 | 5.37 | 9.60 | 7.68 | C4-E & C4-F |
| C10 | 4.37 | 0.50 | 2.19 | 15.0 | 6.71 | 14.66 | 9.60 | 20.97 | C5-A & C5-B |
| C11 | 2.42 | 0.50 | 1.21 | 15.0 | 6.71 | 8.12 | 9.60 | 11.61 | C4-G & C4-H |
| C12 | 1.97 | 0.50 | 0.99 | 15.0 | 6.71 | 6.61 | 9.60 | 9.45 | C1-K & C1-L |
| C13 | 2.26 | 0.50 | 1.13 | 15.0 | 6.71 | 7.58 | 9.60 | 10.84 | FUTURE C1 INLETS |
| C14 | 2.51 | 0.50 | 1.26 | 15.0 | 6.71 | 8.42 | 9.60 | 12.04 | C17-A & C17-B |
| C15 | 3.42 | 0.50 | 1.71 | 15.0 | 6.71 | 11.47 | 9.60 | 16.41 | C10-A & C10-B |
| C16 | 62.50 | 0.50 | 31.25 | 15.0 | 6.71 | 209.65 | 9.60 | 299.86 | FUTURE SYSTEM TO POND |
| C17 | 2.10 | 0.35 | 0.74 | 15.0 | 6.71 | 4.93 | 9.60 | 7.05 | OPEN SPACE |
| C-POND | 7.90 | 0.35 | 2.77 | 20.0 | 5.78 | 15.99 | 8.27 | 22.86 | POND |
| G1 | 1.36 | 0.50 | 0.68 | 15.0 | 6.71 | 4.56 | 9.60 | 6.53 | G1-A & G1-B |
| G2 | 3.80 | 0.50 | 1.90 | 15.0 | 6.71 | 12.75 | 9.60 | 18.23 | G2-3 & G2-F |
| G3 | 3.96 | 0.50 | 1.98 | 15.0 | 6.71 | 13.28 | 9.60 | 19.00 | G2-A & G2-B |
| G4 | 2.48 | 0.50 | 1.24 | 15.0 | 6.71 | 8.32 | 9.60 | 11.90 | G2-C & G2-D |
| GG1 | 0.51 | 0.90 | 0.46 | 15.0 | 6.71 | 3.08 | 9.60 | 4.40 | G2-C & G2-D |
| GG2 | 1.44 | 0.90 | 1.30 | 15.0 | 6.71 | 8.69 | 9.60 | 12.44 | G2-C & G2-D |
| GG3 | 2.18 | 0.90 | 1.96 | 15.0 | 6.71 | 13.16 | 9.60 | 18.83 | G2-C & G2-D |
| EX-OS | 9.19 | 0.35 | 3.22 | 20.0 | 5.78 | 18.60 | 8.27 | 26.59 | EX. FLOW FROM OFFSITE |



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 84971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

PROPOSED DRAINAGE AREA MAP

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 4.02 |
| REVIEWER: JWR | | | |

FIRST SUBMITTAL

VENETIAN AT WESTON PHASE 1

VENETIAN AT WESTON PHASE 1

| ON-GRADE INLET CAPACITY CALCULATION TABLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------|---------------|-------|------------------|-----------------|-----------------|-------------|-------------|---------------------|-----------------------|--------------------|----------------|--------------------------|-------------------|---------------------|-----------------|-----------------------|--------------------|----------------------|-----------------|-----------------------|------------------|---------------------|---------------------|------------------------|-------------------------|----------------|----|
| Inlet | | Drainage Area | | | | Street | Cross Slope | Cross Slope | 100 Year | 100 Year | Equivalent | | Manning | | | 10 Year | 10 Year | | | 100 Year | 100 Year | | | | | | | |
| Inlet No. | Station | Area No | Area | Runoff Coeff "C" | Time of Concen. | Long Slope "So" | of Pavement | of Gutter | Depth of Flow "Yo"* | Spread of Flow "T"*** | Cross Section "Se" | Street Section | Coefficient for Pavement | 10 Year Intensity | 10 Year Runoff Flow | Carry Over Flow | Total Gutter Flow "Q" | 100 Year Intensity | 100 Year Runoff Flow | Carry Over Flow | Total Gutter Flow "Q" | Design Storm**** | Length Provided "L" | Inlet Capacity "Qi" | 10 Year Carryover Flow | 100 Year Carryover Flow | | |
| 2 | 3 | 4 | (ac.) | 5 | (min.) | (ft./ft.) | | | (ft.) | (ft.) | (ft./ft.) | (type) | "n" | (in./hr) | (c.f.s.) | (c.f.s.) | (c.f.s.) | (in./hr.) | (c.f.s.) | (c.f.s.) | (c.f.s.) | 25 | (ft.) | (c.f.s.) | (c.f.s.) | (c.f.s.) | 32 | 33 |
| C1-E | 4+88.31 | .5*C4 | 0.69 | 0.50 | 15.0 | 0.0080 | 0.0287 | 0.222 | 0.31 | 10.77 | 0.1244 | Rooftop | 0.019 | 6.71 | 2.31 | 0.00 | 2.31 | 9.60 | 3.31 | 0.00 | 3.31 | 100 | 10 | 3.31 | 0.00 | 0.00 | 1 - 10' Inlets | |
| C1-F | 4+87.83 | .5*C4 | 0.69 | 0.50 | 15.0 | 0.0080 | 0.0287 | 0.222 | 0.31 | 10.77 | 0.1244 | Rooftop | 0.019 | 6.71 | 2.31 | 0.00 | 2.31 | 9.60 | 3.31 | 0.00 | 3.31 | 100 | 10 | 3.31 | 0.00 | 0.00 | 1 - 10' Inlets | |
| C1-G | 8+29.33 | .5*C5 | 1.39 | 0.50 | 15.0 | 0.0080 | 0.0287 | 0.222 | 0.40 | 14.01 | 0.0957 | Rooftop | 0.019 | 6.71 | 4.66 | 0.00 | 4.66 | 9.60 | 6.67 | 0.00 | 6.67 | 100 | 10 | 6.60 | 0.00 | 0.00 | 1 - 10' Inlets | |
| C1-H | 8+39.82 | .5*C5 | 1.39 | 0.50 | 15.0 | 0.0080 | 0.0287 | 0.222 | 0.40 | 14.01 | 0.0957 | Rooftop | 0.019 | 6.71 | 4.66 | 0.00 | 4.66 | 9.60 | 6.67 | 0.00 | 6.67 | 100 | 10 | 6.80 | 0.00 | 0.00 | 1 - 10' Inlets | |
| C1-I | 7+59.79 | .5*C6 | 1.88 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.48 | 14.50 | 0.0831 | Rooftop | 0.019 | 6.71 | 6.29 | 0.00 | 6.29 | 9.60 | 9.00 | 0.00 | 9.00 | 100 | 10 | 7.60 | 0.00 | 1.30 | 1 - 10' Inlets | |
| C1-J | 7+68.53 | .5*C6 | 1.88 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.48 | 14.50 | 0.0831 | Rooftop | 0.019 | 6.71 | 6.29 | 0.00 | 6.29 | 9.60 | 9.00 | 0.00 | 9.00 | 100 | 10 | 7.60 | 0.00 | 1.30 | 1 - 10' Inlets | |
| C4-A | 6+95.79 | .5*C7 | 1.85 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.48 | 14.50 | 0.0838 | Rooftop | 0.019 | 6.71 | 6.19 | 0.00 | 6.19 | 9.60 | 8.85 | 0.00 | 8.85 | 100 | 10 | 8.85 | 0.00 | 1.40 | 1 - 10' Inlets | |
| C4-B | 6+97.98 | .5*C7 | 1.85 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.48 | 14.50 | 0.0838 | Rooftop | 0.019 | 6.71 | 6.19 | 0.00 | 6.19 | 9.60 | 8.85 | 0.00 | 8.85 | 100 | 10 | 8.85 | 0.00 | 1.40 | 1 - 10' Inlets | |
| C4-C | 1+95.99 | .5*C8 | 1.56 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.48 | 14.50 | 0.0835 | Rooftop | 0.019 | 6.71 | 5.23 | 0.00 | 5.23 | 9.60 | 7.48 | 1.40 | 8.88 | 100 | 10 | 7.60 | 0.00 | 1.30 | 1 - 10' Inlets | |
| C4-D | 1+88.51 | .5*C8 | 1.56 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.48 | 14.50 | 0.0835 | Rooftop | 0.019 | 6.71 | 5.23 | 0.00 | 5.23 | 9.60 | 7.48 | 1.40 | 8.88 | 100 | 10 | 7.60 | 0.00 | 1.30 | 1 - 10' Inlets | |
| C4-E | 4+44.53 | .5*C9 | 0.80 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.40 | 13.87 | 0.0971 | Rooftop | 0.019 | 6.71 | 2.68 | 0.00 | 2.68 | 9.60 | 3.84 | 1.30 | 5.14 | 100 | 10 | 6.80 | 0.00 | 0.00 | 1 - 10' Inlets | |
| C4-F | 4+44.63 | .5*C9 | 0.80 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.40 | 13.87 | 0.0970 | Rooftop | 0.019 | 6.71 | 2.68 | 0.00 | 2.68 | 9.60 | 3.84 | 1.30 | 5.14 | 100 | 10 | 6.80 | 0.00 | 0.00 | 1 - 10' Inlets | |
| C4-G | 1+47.82 | .5*C11 | 1.21 | 0.50 | 15.0 | 0.0050 | 0.0287 | 0.222 | 0.44 | 14.50 | 0.0900 | Rooftop | 0.019 | 6.71 | 4.06 | 0.00 | 4.06 | 9.60 | 5.81 | 0.90 | 6.71 | 100 | 10 | 7.20 | 0.00 | 0.00 | | |

| CAPACITY OF CURB OPENING INLETS AND DROP INLETS IN SUMPS | | | | | | | | | | | | |
|--|--------------|--------------------|-------------|-----------------|---------------------|--------------------------|---------------------------------|-------------------------|-------------------|---------------------------|-----------------------|----------------|
| Inlet No. | Gutter Slope | Crown Slope | Gutter Flow | Depth of Gutter | Depth of Depression | Depth of Flow at Opening | Capacity Inlet / Foot of Length | Length of Inlet Opening | Capacity of Inlet | Carry Over Into Over Flow | Percent Q100 Captured | Notes |
| | "So" | of | "Qo" | Flow "Yo" | | | "Q/L" | "L" | "Q" | | | |
| | (ft./ft.) | Pavement (ft./ft.) | (c.f.s.) | (ft.) | (ft.) | (ft.) | (c.f.s./ft.) | (ft.) | (c.f.s.) | (c.f.s.) | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | | | | | | | | | | |
| G1-A | 0.0050 | 0.0278 | 3.26 | 0.33 | 0.50 | 0.83 | 2.00 | 10 | 20.00 | 0.00 | 100% | 1 - 10' Inlets |
| G1-B | 0.0050 | 0.0278 | 3.26 | 0.33 | 0.50 | 0.83 | 2.00 | 10 | 20.00 | 0.00 | 100% | 1 - 10' Inlets |
| G2-E | 0.0050 | 0.0278 | 9.12 | 0.49 | 0.33 | 0.82 | 2.00 | 10 | 20.00 | 0.00 | 100% | 1 - 10' Inlets |
| G2-F | 0.0050 | 0.0278 | 9.12 | 0.49 | 0.33 | 0.82 | 2.00 | 10 | 20.00 | 0.00 | 100% | 1 - 10' Inlets |

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2.946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

PELTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

THE SEAL APPEARING ON THIS DOCUMENT
AUTHORIZED BY JAY W. REISSIG, P.E. #
NOTIFICATION OF A SEALED DOCUMENT WITH
TERATION OF A SEALED DOCUMENT WITH
NOTIFICATION TO THE RESPONSIBLE ENGINEER
OFFICE UNDER THE TEXAS ENGINEERING

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

INLET CALCULATIONS

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 4.03 |
| REVIEWER: JWR | | | |

Drawing: J:\Job\20001_Villages at Weston\Phase1\Civil\LEN20001-C-DMA-P
Last Saved by: jreyes@pe
Print Date/Time: 12/2/2020 3:41 PM

| HYDRAULIC CALCULATIONS (INTERIM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-----------------|-----------------------|------------------------|------------------------|-----------------------|--------------|-------|-------|-----------------------|-------------|------------|--------------------------------------|---------------------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|--------------------------------------|---------------------------------------|--------------------------------|-----------|--------------------------------|---------------------------------|-------------------|---------------------------|----------------------------|---------|--------|--|--------------------------|---------------------------|--------------|----------|---------------------|---------------------|----------------|
| Runoff | | Pipe | Drainage Area | | Total Area (Acres) | Runoff Coeff | Incr. | Total | Time of Concentration | | | 10-Year Intensity "I" (in./hr) | 100-Year Intensity "I" (in./hr) | Q 10 Runoff "Q" (c.f.s.) | Q 100 Runoff "Q" (c.f.s.) | Inlet Bypass "Q" (c.f.s.) | Q in Pipe "Q" (c.f.s.) | Storm Pipe Diameter (in.) | Box Culvert | | | Manning n | Hydr Grade "S" (ft./ft.) | Hydraulic Grade Line Elevation | | Head Loss Calculations | | | | Head Loss at Structure "Hk" (feet) | Invert Elevation | | TC / FG Elev | Comments | | | |
| Design Point Upstrm Station | Dwnstrm Station | Length Between Points | Incremental Area No | Area "A" (Acres) | | | | | Inlet Time | Travel Time | Total Time | | | | | | | | 10-Year Intensity "I" (in./hr) | 100-Year Intensity "I" (in./hr) | Q 10 Runoff "Q" (c.f.s.) | | | Q 100 Runoff "Q" (c.f.s.) | Storm Drain Spans | Storm Drain Width (ft) | Storm Drain Height (ft) | Dwnstrm | Upstrm | | V1 Flow (in) (f.p.s.) | V2 Flow (Out) (f.p.s.) | | | V1^2 / 2g (feet) | V2^2 / 2g (feet) | Loss Coeff (K) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 19a | 19b | 19c | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | |
| STORM DRAIN LINE STM-C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3515.34 | 3457.09 | 58.25 | C1,C2 | 6.12 | 6.12 | 0.50 | 3.06 | 3.06 | 15.00 | 0.16 | 15.16 | 6.71 | 9.60 | 20.53 | 29.36 | 0.00 | 29.36 | 30 | | | | 0.013 | 0.0051 | 725.27 | 725.57 | | 5.98 | | 0.56 | 0.00 | | 0.10 | 725.67 | 720.30 | 720.59 | 728.60 | |
| 3457.09 | 3260.15 | 196.94 | C3 | 2.66 | 8.78 | 0.50 | 1.33 | 4.39 | 15.16 | 0.47 | 15.63 | 6.67 | 9.54 | 29.30 | 41.90 | 0.00 | 41.90 | 33 | | | | 0.013 | 0.0063 | 723.54 | 724.77 | 5.98 | 7.05 | 0.56 | 0.77 | 0.50 | 0.28 | 0.49 | 725.27 | 718.45 | 720.05 | 726.40 | |
| 3260.15 | 3246.38 | 13.77 | 5"C4 | 0.69 | 9.47 | 0.50 | 0.35 | 4.74 | 15.63 | 0.03 | 15.66 | 6.57 | 9.40 | 31.13 | 44.52 | 0.00 | 44.52 | 33 | | | | 0.013 | 0.0071 | 723.15 | 723.24 | 7.05 | 7.50 | 0.77 | 0.87 | 0.75 | 0.58 | 0.29 | 723.54 | 718.34 | 718.45 | 725.20 | |
| 3246.38 | 2927.50 | 318.88 | 5"C4 | 0.69 | 10.16 | 0.50 | 0.35 | 5.08 | 15.66 | 0.66 | 16.32 | 6.57 | 9.39 | 33.37 | 47.71 | 0.00 | 47.71 | 33 | | | | 0.013 | 0.0081 | 720.20 | 722.80 | 7.50 | 8.03 | 0.87 | 1.00 | 0.75 | 0.65 | 0.35 | 723.15 | 715.74 | 718.34 | 725.10 | |
| 2927.50 | 2923.50 | 4.00 | | | 10.16 | | 0.00 | 5.08 | 16.32 | 0.01 | 16.33 | 6.57 | 9.39 | 33.37 | 47.71 | 0.00 | 47.71 | 36 | | | | 0.013 | 0.0051 | 720.08 | 720.10 | 8.03 | 6.75 | 1.00 | 0.71 | 0.10 | 0.10 | 0.10 | 720.20 | 715.46 | 715.49 | 722.50 | |
| 2923.50 | 2917.22 | 6.28 | 5"C5 | 1.39 | 11.55 | 0.50 | 0.70 | 5.78 | 16.33 | 0.01 | 16.34 | 6.43 | 9.20 | 37.14 | 53.10 | 0.00 | 53.10 | 36 | | | | 0.013 | 0.0063 | 719.70 | 719.74 | 6.75 | 7.51 | 0.71 | 0.88 | 0.75 | 0.53 | 0.35 | 720.08 | 715.40 | 715.46 | 722.50 | |
| 2917.22 | 2910.15 | 7.07 | 5"C5 | 1.39 | 12.94 | 0.50 | 0.70 | 6.47 | 16.34 | 0.01 | 16.36 | 6.43 | 9.19 | 41.59 | 59.47 | 0.00 | 59.47 | 36 | | | | 0.013 | 0.0079 | 719.07 | 719.12 | 7.51 | 8.41 | 0.88 | 1.10 | 0.60 | 0.53 | 0.57 | 719.70 | 715.35 | 715.40 | 722.40 | |
| 2910.15 | 2879.71 | 30.44 | | | 12.94 | | 0.00 | 6.47 | 16.36 | 0.06 | 16.42 | 6.43 | 9.19 | 41.59 | 59.47 | 0.00 | 59.47 | 36 | | | | 0.013 | 0.0079 | 718.44 | 718.68 | 8.41 | 8.41 | 1.10 | 1.10 | 0.35 | 0.38 | 0.38 | 719.07 | 715.10 | 715.35 | 722.30 | |
| 2879.71 | 2501.48 | 378.23 | | | 12.94 | | 0.00 | 6.47 | 16.42 | 0.75 | 17.17 | 6.43 | 9.19 | 41.59 | 59.47 | 0.00 | 59.47 | 36 | | | | 0.013 | 0.0079 | 715.05 | 718.06 | 8.41 | 8.41 | 1.10 | 1.10 | 0.35 | 0.38 | 0.38 | 718.44 | 712.02 | 715.10 | 721.50 | |
| 2501.48 | 2475.87 | 25.61 | 5"C6 | 1.88 | 14.82 | 0.50 | 0.94 | 7.41 | 17.17 | 0.05 | 17.21 | 6.27 | 8.96 | 46.44 | 66.39 | 0.00 | 66.39 | 36 | | | | 0.013 | 0.0099 | 714.25 | 714.50 | 8.41 | 9.39 | 1.10 | 1.37 | 0.75 | 0.82 | 0.55 | 715.05 | 711.81 | 712.02 | 718.80 | PARTIAL FLOW |
| 2475.87 | 2407.19 | 68.68 | 5"C6 | 1.88 | 16.69 | 0.50 | 0.94 | 8.35 | 17.21 | 0.11 | 17.32 | 6.26 | 8.95 | 52.24 | 74.69 | 0.00 | 74.69 | 36 | | | | 0.013 | 0.0125 | 712.68 | 713.54 | 9.39 | 10.57 | 1.37 | 1.73 | 0.75 | 1.03 | 0.71 | 714.25 | 711.25 | 711.81 | 718.70 | PARTIAL FLOW |
| 2407.19 | 1789.27 | 617.92 | STM-C4 | 15.20 | 31.89 | 0.50 | 7.60 | 15.95 | 17.32 | 0.91 | 18.23 | 6.24 | 8.92 | 99.50 | 142.25 | 0.00 | 142.25 | 48 | | | | 0.013 | 0.0098 | 705.50 | 711.56 | 10.57 | 11.32 | 1.73 | 1.99 | 0.50 | 0.87 | 1.12 | 712.68 | 702.86 | 710.25 | 717.90 | PARTIAL FLOW |
| 1789.27 | 1767.05 | 22.22 | | | 31.89 | | 0.00 | 15.95 | 18.23 | 0.03 | 18.26 | 6.24 | 8.92 | 99.50 | 142.25 | 0.00 | 142.25 | 48 | | | | 0.013 | 0.0098 | 704.78 | 705.00 | 11.32 | 11.32 | 1.99 | 1.99 | 0.75 | 1.49 | 0.50 | 705.50 | 702.60 | 702.86 | 710.10 | PARTIAL FLOW |
| 1767.05 | 1711.28 | 55.77 | C12 | 1.97 | 33.86 | 0.50 | 0.99 | 16.93 | 18.26 | 0.10 | 18.36 | 6.07 | 8.68 | 102.78 | 146.91 | 0.00 | 146.91 | 0 | 1 | 4 | 4 | 0.013 | 0.0044 | 703.73 | 703.97 | 11.32 | 9.18 | 1.99 | 1.31 | 0.25 | 0.50 | 0.81 | 704.78 | 702.32 | 702.60 | 709.90 | PARTIAL FLOW |
| 1711.28 | 1707.28 | 4.00 | | | 33.86 | | 0.00 | 16.93 | 18.36 | 0.01 | 18.37 | 6.07 | 8.68 | 102.78 | 146.91 | 0.00 | 146.91 | 0 | 1 | 5 | 4 | 0.013 | 0.0023 | 703.62 | 703.63 | 9.18 | 7.35 | 1.31 | 0.84 | 0.10 | 0.13 | 0.10 | 703.73 | 702.30 | 702.32 | 709.20 | PARTIAL FLOW |
| 1707.28 | 1672.23 | 35.05 | C13 | 2.26 | 36.12 | 0.50 | 1.13 | 18.06 | 18.37 | 0.07 | 18.45 | 6.05 | 8.65 | 109.29 | 156.22 | 0.00 | 156.22 | 0 | 1 | 5 | 4 | 0.013 | 0.0026 | 703.08 | 703.17 | 7.35 | 7.81 | 0.84 | 0.95 | 0.60 | 0.50 | 0.44 | 703.62 | 702.16 | 702.30 | 709.20 | PARTIAL FLOW |
| STORM DRAIN LINE STM-C3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 158.34 | 118.41 | 39.93 | 5"C3 | 1.33 | 1.33 | 0.50 | 0.67 | 0.67 | 15.00 | 0.25 | 15.25 | 6.71 | 9.60 | 4.46 | 6.38 | 0.00 | 6.38 | 21 | | | | 0.013 | 0.0016 | 725.24 | 725.30 | | 2.65 | | 0.11 | 1.25 | | 0.14 | 725.44 | 720.77 | 721.25 | 727.40 | |
| 118.41 | 100.00 | 18.41 | 5"C3 | 1.33 | 2.66 | 0.50 | 0.67 | 1.33 | 15.25 | 0.06 | 15.31 | 6.65 | 9.52 | 8.85 | 12.66 | 0.00 | 12.66 | 21 | | | | 0.013 | 0.0064 | 724.77 | 724.89 | 2.65 | 5.26 | 0.11 | 0.43 | 0.75 | 0.08 | 0.35 | 725.24 | 720.55 | 720.77 | 726.40 | |
| STORM DRAIN LINE STM-C4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1213.49 | 1203.59 | 9.90 | 5"C7 | 1.85 | 1.85 | 0.50 | 0.92 | 0.92 | 15.00 | 0.06 | 15.06 | 6.71 | 9.60 | 6.19 | 8.85 | 0.00 | 8.85 | 24 | | | | 0.013 | 0.0015 | 722.24 | 722.25 | | 2.82 | | 0.12 | 1.25 | | 0.15 | 722.41 | 719.32 | 720.21 | 724.21 | |
| 1203.59 | 1189.78 | 13.81 | | | 1.85 | | 0.00 | 0.92 | 15.06 | 0.08 | 15.14 | 6.71 | 9.60 | 6.19 | 8.85 | 0.00 | 8.85 | 24 | | | | 0.013 | 0.0015 | 722.12 | 722.14 | 2.82 | 2.82 | 0.12 | 0.12 | 0.35 | 0.04 | 0.10 | 722.24 | 719.23 | 719.32 | 724.20 | |
| 1189.78 | 707.72 | 482.06 | 5"C7 | 1.85 | 3.69 | 0.50 | 0.92 | 1.85 | 15.14 | 1.43 | 16.57 | 6.68 | 9.55 | 12.32 | 17.62 | 0.00 | 17.62 | 24 | | | | 0.013 | 0.0061 | 718.80 | 721.72 | 2.82 | 5.61 | 0.12 | 0.49 | 0.75 | 0.09 | 0.40 | 722.12 | 716.14 | 719.23 | 723.70 | |
| 707.72 | 703.79 | 3.93 | | | 3.69 | | 0.00 | 1.85 | 16.57 | 0.02 | 16.59 | 6.68 | 9.55 | 12.32 | 17.62 | 0.00 | 17.62 | 30 | | | | 0.013 | 0.0018 | 718.69 | 718.70 | 5.61 | 3.59 | 0.49 | 0.20 | 0.10 | 0.05 | 0.10 | 718.80 | 715.62 | 715.64 | 721.70 | |
| 703.79 | 690.04 | 13.75 | 5"C8 | 1.56 | 5.25 | 0.50 | 0.78 | 2.63 | 16.59 | 0.04 | 16.64 | 6.38 | 9.12 | 16.75 | 23.94 | 1.40 | 25.34 | 30 | | | | 0.013 | 0.0038 | 718.37 | 718.43 | 3.59 | 5.16 | 0.20 | 0.41 | 0.75 | 0.15 | 0.26 | 718.69 | 715.53 | 715.62 | 721.70 | |
| 690.04 | 435.76 | 254.28 | 5"C8 | 1.56 | 6.81 | 0.50 | 0.78 | 3.41 | 16.64 | 0.64 | 17.28 | 6.37 | 9.11 | 21.69 | 31.02 | 1.40 | 32.42 | 30 | | | | 0.013 | 0.0062 | 716.36 | 717.94 | 5.16 | 6.60 | 0.41 | 0.68 | 0.60 | 0.25 | 0.43 | 718.37 | 713.90 | 715.53 | 721.60 | |
| 435.76 | 431.76 | 4.00 | | | 6.81 | | 0.00 | 3.41 | 17.28 | 0.01 | 17.29 | 6.37 | 9.11 | 21.69 | 31.02 | 0.00 | 31.02 | 33 | | | | 0.013 | 0.0034 | 716.24 | 716.26 | 6.60 | 5.22 | 0.68 | 0.42 | 0.10 | 0.07 | 0.10 | 716.36 | 713.62 | 713.65 | 720.10 | PARTIAL FLOW |
| 431.76 | 415.75 | 16.01 | 5"C9 | 0.80 | 7.61 | 0.50 | 0.40 | 3.81 | 17.29 | 0.04 | 17.33 | 6.25 | 8.93 | 23.77 | 33.98 | 1.30 | 35.28 | 33 | | | | 0.013 | 0.0044 | 715.94 | 716.01 | 5.22 | 5.94 | 0.42 | 0.55 | 0.75 | 0.32 | 0.23 | 716.24 | 713.52 | 713.62 | 720.00 | PARTIAL FLOW |
| 415.75 | 342.49 | 73.26 | 5"C9 | 0.80 | 8.41 | 0.50 | 0.40 | 4.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Drawing: J:\03_Ven20001_Villages at Weston\Phase1\Civil\CAD\LEN20001-C-DMA-P
Last Saved by: jayw@peloton.com
Print Date/Time: 12/2/2020 3:41 PM

| HYDRAULIC CALCULATIONS (INTERIM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---------|---------|---------------|---------|---------|--------|-------|-------|-----------------------|--------|--------|-----------|-----------|--------|--------|--------|---------|-------------|--------|-------|------------------------|---------|--------|-----------------|--------|-----------|------------|----------------------|----------------------|-------|------------------------|-----------|-----------|---------|------------------|---------|--------------|--|----------|
| Runoff | | Pipe | Drainage Area | | | | | | Time of Concentration | | | | | | | | | Box Culvert | | | Head Loss Calculations | | | | | | | | | | | | | | Invert Elevation | | | | Comments |
| Design Point | Length | | Incremental | Area | Total | Runoff | Incr. | Total | Inlet | Travel | Total | 10-Year | 100-Year | Q 10 | Q 100 | Inlet | Q | Storm | No. of | Storm | Storm | Manning | Hydr | Hydraulic Grade | | V1 | V2 | | | Loss | | Head Loss | Design | Dwnstrm | Upstrm | TC / FG | | | |
| Upstrm | Dwnstrm | Between | | | | | | | Time | Time | Time | Intensity | Intensity | Runoff | Runoff | Bypass | In Pipe | Pipe | Storm | Drain | Drain | n | Grade | Dwnstrm | Upstrm | Flow (In) | Flow (Out) | V1 ² / 2g | V2 ² / 2g | Coeff | KjV1 ² / 2g | "Hc" | Elevation | (feet) | Upstrm | Elev | | | |
| Station | Station | Points | No | (Acres) | (Acres) | "C" | "CA" | "CA" | (min.) | (min.) | (min.) | "I" | "I" | "Q" | "Q" | "Q" | "Q" | Diameter | Spans | Width | Height | Value | "SF" | Dwnstrm | Upstrm | Flow (In) | Flow (Out) | V1 ² / 2g | V2 ² / 2g | Coeff | KjV1 ² / 2g | "Hc" | (feet) | (feet) | (feet) | (feet) | | | |
| 1 | 2 | 3 | 4 | "A" | "A" | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 19a | 19b | 19c | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STORM DRAIN LINE STM-G1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 296.51 | 281.66 | 14.85 | .5"G1 | 0.68 | 0.68 | 0.50 | 0.34 | 0.34 | 15.00 | 0.18 | 15.18 | 6.71 | 9.60 | 2.28 | 3.26 | 0.00 | 3.26 | 21 | | | | 0.013 | 0.0004 | 711.79 | 711.79 | | 1.36 | | 0.03 | 1.25 | | 0.10 | 711.89 | 712.23 | 712.33 | 716.30 | PARTIAL FLOW | | |
| 281.66 | 265.66 | 16.00 | | | 0.68 | | 0.00 | 0.34 | 15.18 | 0.20 | 15.38 | 6.71 | 9.60 | 2.28 | 3.26 | 0.00 | 3.26 | 21 | | | | 0.013 | 0.0004 | 711.68 | 711.69 | 1.36 | 1.36 | 0.03 | 0.03 | 0.35 | 0.01 | 0.10 | 711.79 | 712.13 | 712.23 | 716.40 | PARTIAL FLOW | | |
| 265.66 | 100.00 | 165.66 | .5"G1 | 0.68 | 1.36 | 0.50 | 0.34 | 0.68 | 15.38 | 1.03 | 16.41 | 6.63 | 9.48 | 4.51 | 6.44 | 0.00 | 6.44 | 21 | | | | 0.013 | 0.0017 | 711.31 | 711.58 | 1.36 | 2.68 | 0.03 | 0.11 | 0.75 | 0.02 | 0.10 | 711.68 | 711.03 | 712.13 | 716.50 | PARTIAL FLOW | | |
| STORM DRAIN LINE STM-G2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 742.41 | 736.19 | 6.22 | .5"G3 | 1.98 | 1.98 | 0.50 | 0.99 | 0.99 | 15.00 | 0.04 | 15.04 | 6.71 | 9.60 | 6.64 | 9.50 | 0.00 | 9.50 | 27 | | | | 0.013 | 0.0009 | 708.19 | 708.20 | | 2.39 | | 0.09 | 1.25 | | 0.11 | 708.31 | 707.20 | 708.16 | 712.20 | PARTIAL FLOW | | |
| 736.19 | 727.24 | 8.95 | | | 1.98 | | 0.00 | 0.99 | 15.04 | 0.06 | 15.11 | 6.71 | 9.60 | 6.64 | 9.50 | 0.00 | 9.50 | 27 | | | | 0.013 | 0.0009 | 708.09 | 708.09 | 2.39 | 2.39 | 0.09 | 0.09 | 0.35 | 0.03 | 0.10 | 708.19 | 707.17 | 707.20 | 712.20 | PARTIAL FLOW | | |
| 727.24 | 340.15 | 387.09 | .5"G3 | 1.98 | 3.96 | 0.50 | 0.99 | 1.98 | 15.11 | 1.35 | 16.46 | 6.69 | 9.56 | 13.24 | 18.93 | 0.00 | 18.93 | 27 | | | | 0.013 | 0.0037 | 706.35 | 707.80 | 2.39 | 4.76 | 0.09 | 0.35 | 0.75 | 0.07 | 0.29 | 708.09 | 705.65 | 707.17 | 712.10 | PARTIAL FLOW | | |
| 340.15 | 336.15 | 4.00 | | | 3.96 | | 0.00 | 1.98 | 16.46 | 0.02 | 16.49 | 6.69 | 9.56 | 13.24 | 18.93 | 0.00 | 18.93 | 36 | | | | 0.013 | 0.0008 | 706.25 | 706.25 | 4.76 | 2.68 | 0.35 | 0.11 | 0.10 | 0.04 | 0.10 | 706.35 | 704.89 | 704.90 | 710.20 | PARTIAL FLOW | | |
| 336.15 | 327.24 | 8.91 | .5"G4 | 0.26 | 4.22 | 0.50 | 0.13 | 2.11 | 16.49 | 0.05 | 16.54 | 6.40 | 9.15 | 13.49 | 19.29 | 0.00 | 19.29 | 36 | | | | 0.013 | 0.0008 | 706.14 | 706.15 | 2.68 | 2.73 | 0.11 | 0.12 | 0.60 | 0.07 | 0.10 | 706.25 | 704.85 | 704.89 | 710.20 | PARTIAL FLOW | | |
| 327.24 | 204.67 | 122.57 | .5"G4 | 0.26 | 4.47 | 0.50 | 0.13 | 2.24 | 16.54 | 0.71 | 17.25 | 6.39 | 9.14 | 14.28 | 20.42 | 0.00 | 20.42 | 36 | | | | 0.013 | 0.0009 | 705.93 | 706.04 | 2.73 | 2.89 | 0.12 | 0.13 | 0.75 | 0.09 | 0.10 | 706.14 | 704.37 | 704.85 | 710.10 | PARTIAL FLOW | | |
| 204.67 | 192.06 | 12.61 | .5"G2 | 1.90 | 6.37 | 0.50 | 0.95 | 3.19 | 17.25 | 0.05 | 17.30 | 6.25 | 8.94 | 19.92 | 28.48 | 0.00 | 28.48 | 36 | | | | 0.013 | 0.0018 | 705.73 | 705.75 | 2.89 | 4.03 | 0.13 | 0.25 | 0.60 | 0.08 | 0.17 | 705.93 | 704.32 | 704.37 | 709.30 | PARTIAL FLOW | | |
| 192.06 | 100.00 | 92.06 | .5"G2 | 1.90 | 8.27 | 0.50 | 0.95 | 4.14 | 17.30 | 0.29 | 17.59 | 6.24 | 8.93 | 25.82 | 36.91 | 0.00 | 36.91 | 36 | | | | 0.013 | 0.0031 | 705.18 | 705.46 | 4.03 | 5.22 | 0.25 | 0.42 | 0.60 | 0.15 | 0.27 | 705.73 | 703.96 | 704.32 | 709.10 | PARTIAL FLOW | | |
| STORM DRAIN LINE STM-GG1 INTERIM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 170.63 | 112.33 | 58.30 | GG1 | 0.51 | 0.51 | 0.90 | 0.46 | 0.46 | 15.00 | 0.53 | 15.53 | 6.71 | 9.60 | 3.08 | 4.40 | 0.00 | 4.40 | 21 | | | | 0.013 | 0.0008 | 721.72 | 721.77 | | 1.83 | | 0.05 | 1.25 | | 0.10 | 721.87 | 721.29 | 721.87 | 723.93 | PARTIAL FLOW | | |
| STORM DRAIN LINE STM-GG1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1446.40 | 1424.02 | 22.38 | GG1,GG2 | 1.95 | 2.46 | 0.50 | 0.98 | 0.98 | 15.00 | 0.10 | 15.10 | 6.71 | 9.60 | 6.54 | 9.36 | 0.00 | 9.36 | 21 | | | | 0.013 | 0.0035 | 711.49 | 711.57 | | 3.89 | | 0.23 | 1.25 | | 0.29 | 711.87 | 711.03 | 711.50 | 713.82 | PARTIAL FLOW | | |
| 1424.02 | 1386.96 | 37.06 | G1 | 1.36 | 3.82 | 0.50 | 0.68 | 1.66 | 15.10 | 0.16 | 15.25 | 6.69 | 9.57 | 11.07 | 15.83 | 0.00 | 15.83 | 27 | | | | 0.013 | 0.0026 | 711.21 | 711.31 | 3.89 | 3.98 | 0.23 | 0.25 | 0.25 | 0.06 | 0.19 | 711.49 | 710.30 | 710.53 | 715.85 | PARTIAL FLOW | | |
| 419.07 | 353.65 | 65.42 | GG1,GG2,GG3 | 4.13 | 4.13 | 0.50 | 2.07 | 2.07 | 15.00 | 0.39 | 15.39 | 6.71 | 9.60 | 13.85 | 19.81 | 0.00 | 19.81 | 36 | | | | 0.013 | 0.0009 | 705.47 | 705.52 | | 2.80 | | 0.12 | 1.25 | | 0.15 | 705.68 | 703.96 | 704.20 | 708.60 | PARTIAL FLOW | | |
| 353.65 | 338.28 | 15.37 | STM-G2 | 10.24 | 14.37 | 0.50 | 5.12 | 7.19 | 15.39 | 0.06 | 15.45 | 6.62 | 9.47 | 47.60 | 68.07 | 0.00 | 68.07 | 0 | 1 | 5 | 3 | 0.013 | 0.0010 | 705.16 | 705.18 | 2.80 | 4.54 | 0.12 | 0.32 | 0.25 | 0.03 | 0.29 | 705.47 | 703.91 | 703.96 | 707.90 | PARTIAL FLOW | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543.
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543.
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'




PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

HYDRAULIC CALCULATIONS

WESTON, COLLIN COUNTY, TEXAS



PELOTON
LAND SOLUTIONS

TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 4.05 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND

- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- PROPOSED STORM DRAIN

- NOTES:
- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARD SPECIFICATIONS EXCEPT AS NOTED HEREIN OR APPROVED BY THE CITY.
 - THE CONTRACTOR SHALL COORDINATE ALL PHASES OF INSPECTION OF UTILITIES WITH THE CITY PRIOR TO CONSTRUCTION AND/OR INSTALLATION. ALL PIPES AND PIPE FITTINGS SHALL BE INSPECTED BY THE CITY PRIOR TO COVERING AND/OR BACKFILLING OF UTILITY TRENCHES.
 - THE CONTRACTOR SHALL MAKE APPLICATION FOR SERVICES, OBTAIN ALL PERMITS AND PAY ALL CHARGES, FEES, AND CONNECTION COSTS FOR EACH UTILITY SERVICE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "AS-BUILT" PLANS TO THE ENGINEER OF RECORD SHOWING ALL UTILITY INSTALLATION VARIANCES FROM THE FINAL CONSTRUCTION DOCUMENTS. FIELD CHANGES SHALL BE LOCATED ON THE "AS-BUILT" PLANS BY DISTANCE TO THE LOT LINES OR PROPERTY LINES.
 - UNLESS OTHERWISE NOTED, ALL CONCRETE USED IN UTILITY INSTALLATION SHALL BE CLASS "A" (3000 PSI).
 - WATER AND SANITARY SEWER SERVICES SHALL MEET PLUMBING CODE REQUIREMENTS.
 - ALL WATER MAINS, UNLESS OTHERWISE NOTED, SHALL HAVE A MINIMUM COVER OF 48" BELOW FINISHED GRADE.
 - WHEN WATER MAINS AND SANITARY SEWERS ARE INSTALLED, THEY SHALL BE INSTALLED NO CLOSER TO EACH OTHER THAN NINE FEET HORIZONTALLY IN ALL DIRECTIONS AND PARALLEL LINES MUST BE INSTALLED IN SEPARATE TRENCHES.
 - ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS.
 - TRENCH BACKFILL MATERIAL SHALL BE MECHANICALLY COMPACTED IN 6" LIFTS TO THE TOP OF SUBGRADE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE CITY SPECIFICATIONS.
 - ALL BORE PITS, TRENCHES, AND INSPECTION HOLES SHALL BE BACKFILLED WITHIN 48 HOURS OF THE INSTALLATION OF UTILITY LINES. THE METHOD OF COMPACTION SHALL BE SUCH THAT A SOIL DENSITY EQUAL TO THAT EXISTING PRIOR TO THE START OF CONSTRUCTION WILL BE REQUIRED AS VERIFIED BY AN APPROVED TESTING LABORATORY. ANY EXCESS OR SURPLUS MATERIAL RESULTING DUE TO DISPLACEMENT OF UTILITY LINES AND CONDUITS SHALL BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE CITY.
 - SPLICING IS NOT PERMITTED ON WATER SERVICE LINES.
 - ALL HORIZONTAL AND VERTICAL FITTINGS MUST BE RESTRAINED WITH ADDITIONAL CONCRETE BLOCKING AND ALL GATE VALVES MUST BE RESTRAINED.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE, ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206, ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206, ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12027
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 84971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

VENETIAN AT WESTON, PHASE 1

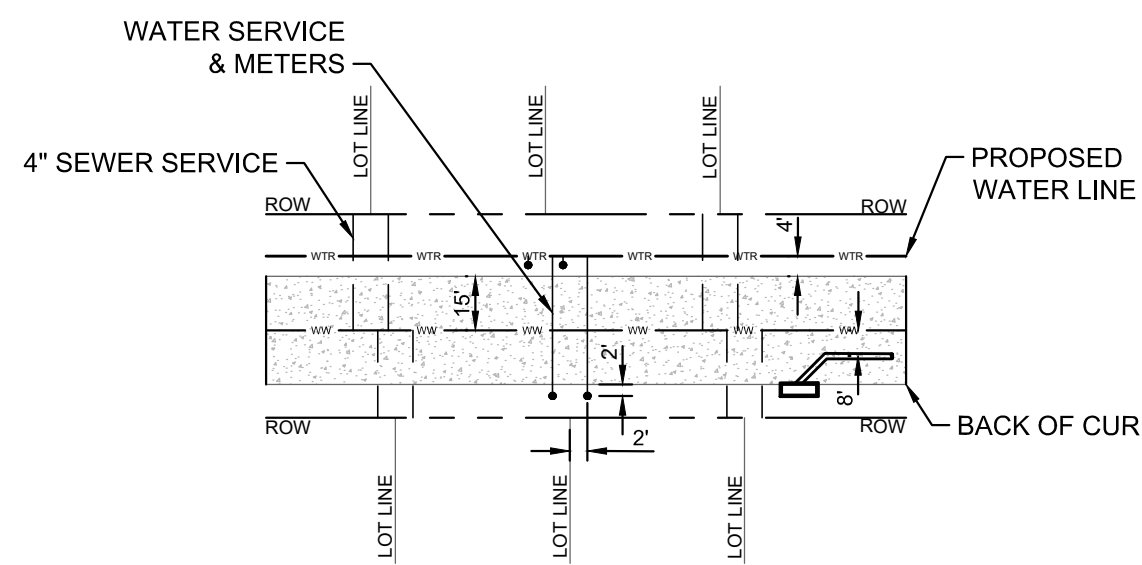
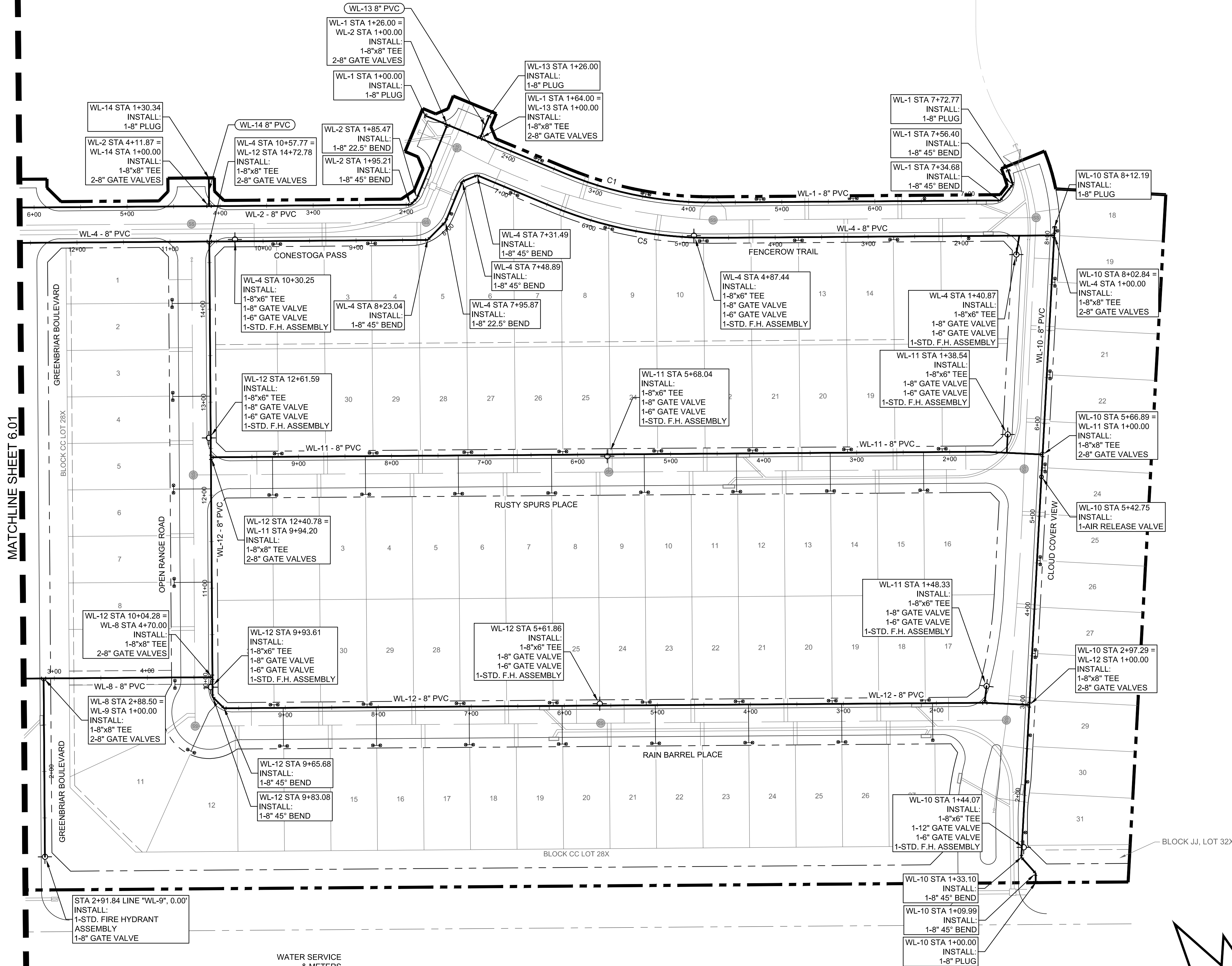
WATER PLAN

WESTON, COLLIN COUNTY, TEXAS

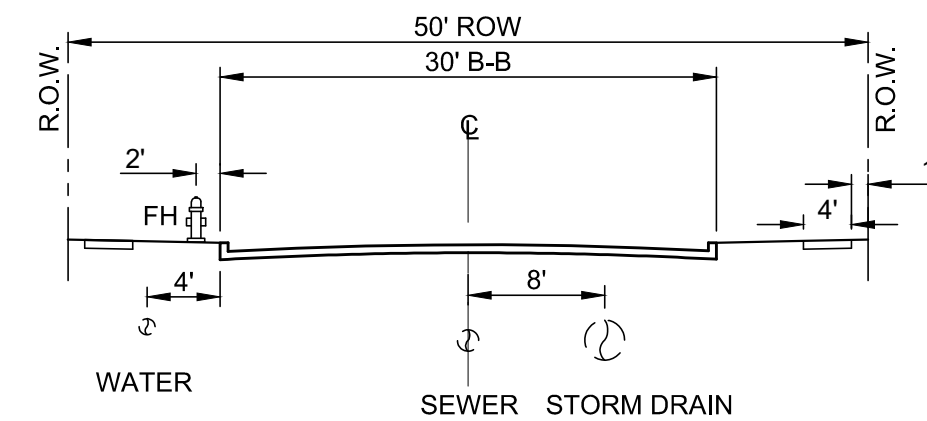


TEXAS REGISTRATION ENGINEERING FIRM NO. 12027
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 6.02 |
| REVIEWER: JWR | | | |



TYPICAL UTILITY PLACEMENT
N.T.S.



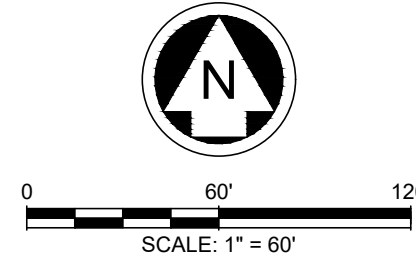
TYPICAL UTILITY SECTION
N.T.S.

!!!CAUTION!!!
EXISTING UNDERGROUND UTILITIES.
CONTRACTOR SHALL CALL FOR LOCATION
(1-800-DIG-TESS) AND FIELD VERIFY ALL
EXISTING UTILITIES PRIOR TO EXCAVATION

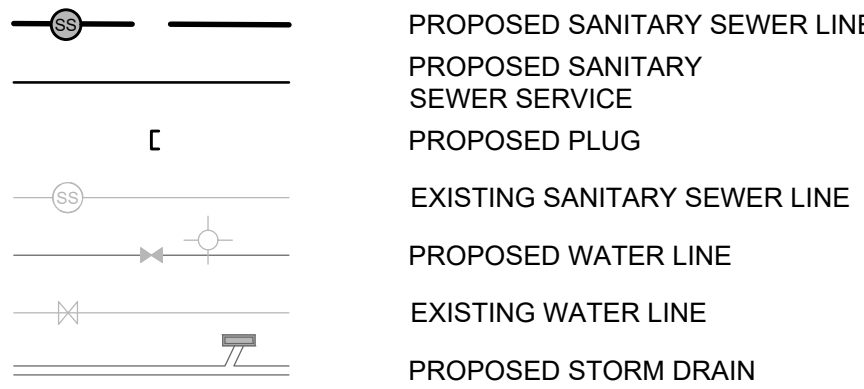
NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND



NOTES:

- ALL MANHOLES GREATER THAN 12 FEET DEEP SHALL BE A MINIMUM OF 5 FEET (60 INCHES) IN DIAMETER AND SHALL HAVE AN EXTERIOR DROP CONNECTION.
- ALL SEWER MAINS SHALL BE CONSTRUCTED UTILIZING SDR-26 PIPE.
- CONTRACTOR SHALL PRESSURE RATE THE SANITARY SEWER PIPE AT ALL CROSSINGS BETWEEN THE WATERLINE AND THE SANITARY SEWER PIPE IN ACCORDANCE WITH TCEQ REGULATIONS.
- SEPARATION BETWEEN WATERLINE AND SANITARY SEWER CROSSINGS SHALL CONFORM TO TCEQ'S CHAPTER 290.44(e), AND CHAPTER 317.13 APPENDIX E.
- SERVICES THAT CONNECT INTO AN SDR26 MAINLINE WILL BE CONSIDERED DEEP SEWER SERVICES.
- SEWER MANHOLES IN THE FLOODPLAIN ARE REQUIRED TO HAVE SEALED LIDS THAT CONFORM TO THE CITY STANDARDS. EVERY THIRD MANHOLE WITHIN THE SHALL BE VENTED IN ACCORDANCE WITH TCEQ REGULATIONS.
- CLASS "H" EMBEDMENT.

| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L1 | 103.29' | S18° 45' 31"E |
| L2 | 288.50' | N72° 10' 35"W |
| L3 | 86.61' | S22° 27' 27"W |
| L4 | 252.23' | S89° 35' 08"W |
| L5 | 369.99' | S89° 35' 06"W |
| L6 | 96.17' | S22° 48' 23"W |
| L7 | 40.00' | N89° 34' 37"E |
| L8 | 500.00' | S89° 35' 08"W |
| L9 | 270.00' | S00° 24' 52"E |
| L10 | 270.00' | S00° 24' 52"E |

| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L11 | 374.43' | S89° 35' 08"W |
| L12 | 374.45' | S89° 35' 08"W |
| L13 | 269.84' | N00° 25' 24"W |
| L14 | 230.00' | N00° 24' 51"W |
| L15 | 446.57' | S89° 35' 08"W |
| L17 | 446.56' | S89° 35' 08"W |
| L18 | 270.59' | S02° 43' 38"W |
| L20 | 270.00' | N00° 25' 23"W |
| L21 | 435.95' | S89° 35' 28"W |
| L22 | 436.06' | S89° 33' 46"W |

| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L23 | 45.21' | N00° 25' 23"W |
| L24 | 100.18' | S07° 53' 38"W |

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 84971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

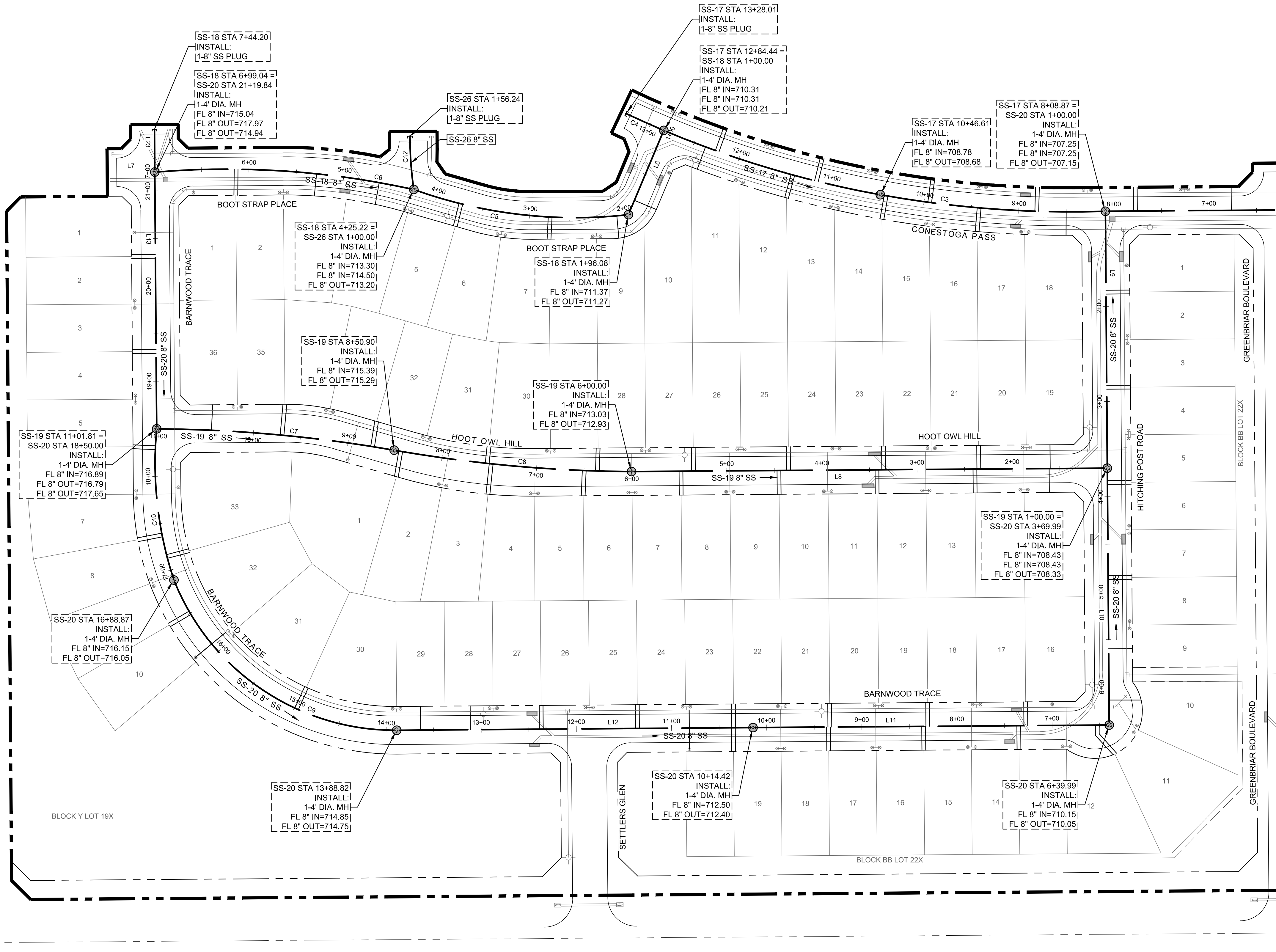
SANITARY SEWER PLAN

WESTON, COLLIN COUNTY, TEXAS

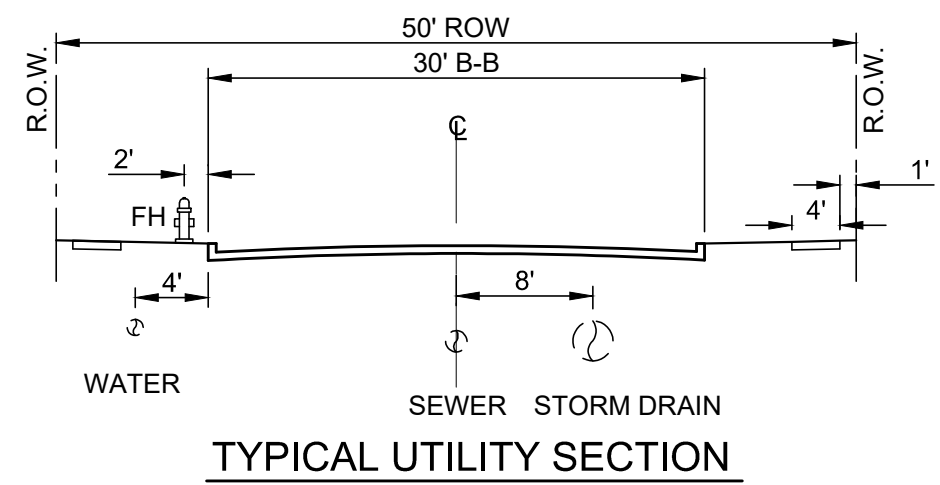
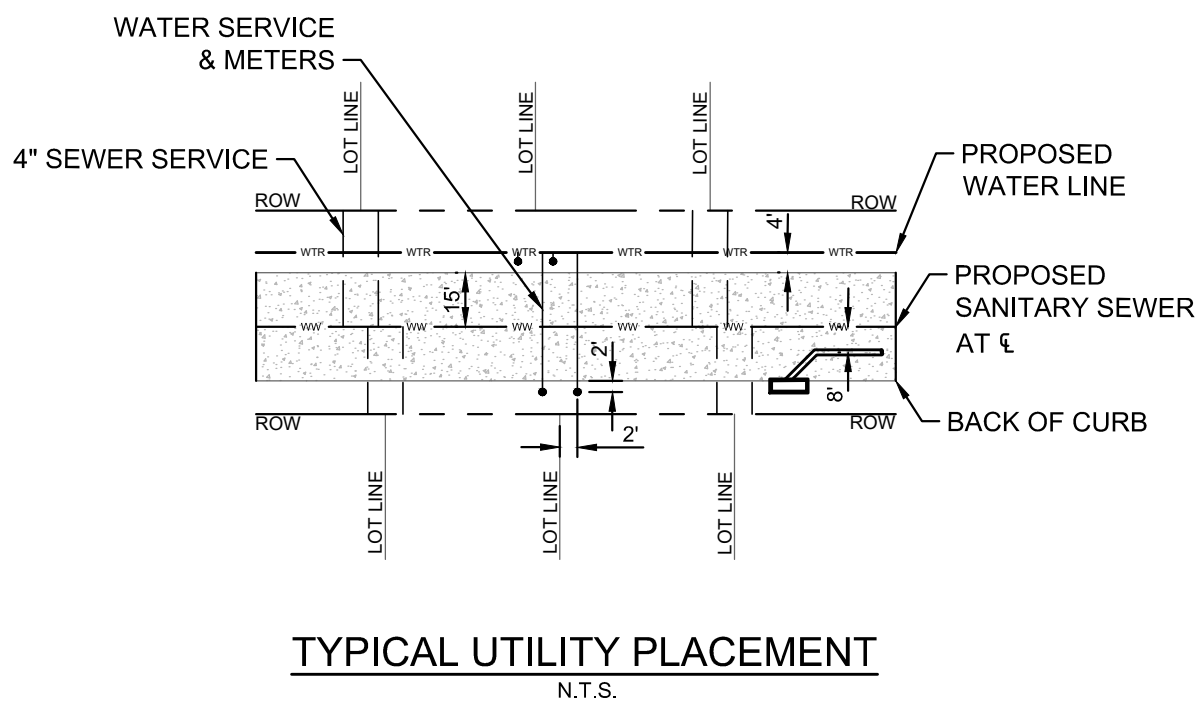


TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.01 |
| REVIEWER: JWR | | | |



MATCHLINE SHEET 7.02



| CURVE TABLE | | | | | | |
|-------------|--------------|----------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C1 | 036° 54' 21" | 280.00' | 93.43' | 180.36' | 177.25' | S10° 27' 07"E |
| C2 | ??? | ??? | ??? | 347.35' | ??? | ??? |
| C3 | 012° 03' 20" | 1130.08' | 119.33' | 237.78' | 237.34' | N85° 48' 09"W |
| C4 | 002° 17' 22" | 1091.00' | 21.80' | 43.59' | 43.59' | N66° 03' 03"W |
| C5 | 026° 15' 27" | 500.00' | 116.62' | 229.14' | 227.14' | N83° 18' 18"W |
| C6 | 017° 10' 33" | 913.42' | 137.94' | 273.82' | 272.80' | N86° 09' 35"W |
| C7 | 009° 34' 37" | 1501.14' | 125.75' | 250.91' | 250.62' | N84° 51' 29"W |
| C8 | 009° 35' 49" | 1497.92' | 125.75' | 250.90' | 250.61' | N84° 51' 44"W |
| C9 | 068° 44' 30" | 250.05' | 171.03' | 300.00' | 282.33' | N56° 02' 03"W |
| C10 | 023° 40' 21" | 390.00' | 81.73' | 161.13' | 159.99' | N06° 30' 37"W |

| CURVE TABLE | | | | | | |
|-------------|--------------|----------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C11 | 004° 05' 44" | 3787.07' | 135.41' | 270.71' | 270.65' | S04° 03' 04"W |
| C12 | 008° 03' 23" | 400.00' | 28.17' | 56.24' | 56.20' | N04° 02' 53"W |

!!CAUTION!!
APPROXIMATE LOCATION OF
EXISTING UNDERGROUND UTILITIES.
CONTRACTOR SHALL USE EXTREME
CAUTION WHEN IN THIS AREA.

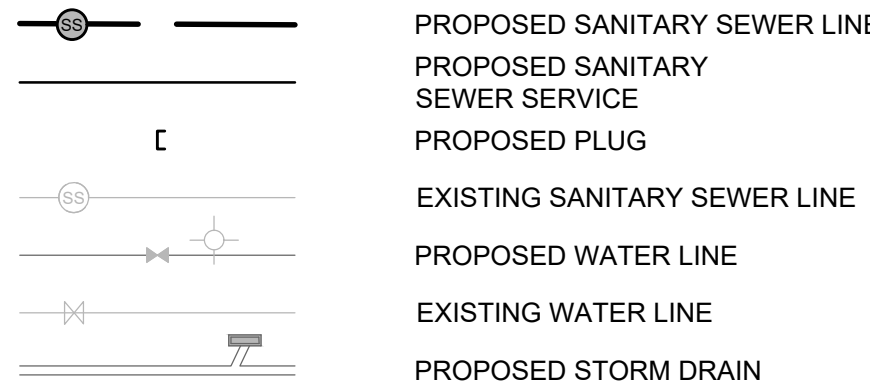
NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



LEGEND



NOTES:

- ALL MANHOLES GREATER THAN 12 FEET DEEP SHALL BE A MINIMUM OF 5 FEET (60 INCHES) IN DIAMETER AND SHALL HAVE AN EXTERIOR DROP CONNECTION.
- ALL SEWER MAINS SHALL BE CONSTRUCTED UTILIZING SDR-26 PIPE.
- CONTRACTOR SHALL PRESSURE RATE THE SANITARY SEWER PIPE AT ALL CROSSINGS BETWEEN THE WATERLINE AND THE SANITARY SEWER PIPE IN ACCORDANCE WITH TCEQ REGULATIONS.
- SEPARATION BETWEEN WATERLINE AND SANITARY SEWER CROSSINGS SHALL CONFORM TO TCEQ'S CHAPTER 290.44(e), AND CHAPTER 317.13 APPENDIX E.
- SERVICES THAT CONNECT INTO AN SDR26 MAINLINE WILL BE CONSIDERED DEEP SEWER SERVICES.
- SEWER MANHOLES IN THE FLOODPLAIN ARE REQUIRED TO HAVE SEALED LIDS THAT CONFORM TO THE CITY STANDARDS. EVERY THIRD MANHOLE WITHIN THE SHALL BE VENTED IN ACCORDANCE WITH TCEQ REGULATIONS.
- CLASS "H" EMBEDMENT.

| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L1 | 103.29' | S18° 45' 31"E |
| L2 | 288.50' | N72° 10' 35"W |
| L3 | 86.61' | S22° 27' 27"W |
| L4 | 252.23' | S89° 35' 08"W |
| L5 | 369.99' | S89° 35' 06"W |
| L6 | 96.17' | S22° 48' 23"W |
| L7 | 40.00' | N89° 34' 37"E |
| L8 | 500.00' | S89° 35' 08"W |
| L9 | 270.00' | S00° 24' 52"E |
| L10 | 270.00' | S00° 24' 52"E |

| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L11 | 374.43' | S89° 35' 08"W |
| L12 | 374.45' | S89° 35' 08"W |
| L13 | 269.84' | N00° 25' 24"W |
| L14 | 230.00' | N00° 24' 51"W |
| L15 | 446.57' | S89° 35' 08"W |
| L17 | 446.56' | S89° 35' 08"W |
| L18 | 270.59' | S02° 43' 38"W |
| L20 | 270.00' | N00° 25' 23"W |
| L21 | 435.95' | S89° 35' 28"W |
| L22 | 436.06' | S89° 33' 46"W |

| LINE TABLE | | |
|------------|---------|---------------|
| LINE | LENGTH | BEARING |
| L23 | 45.21' | N00° 25' 23"W |
| L24 | 100.18' | S07° 53' 38"W |

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

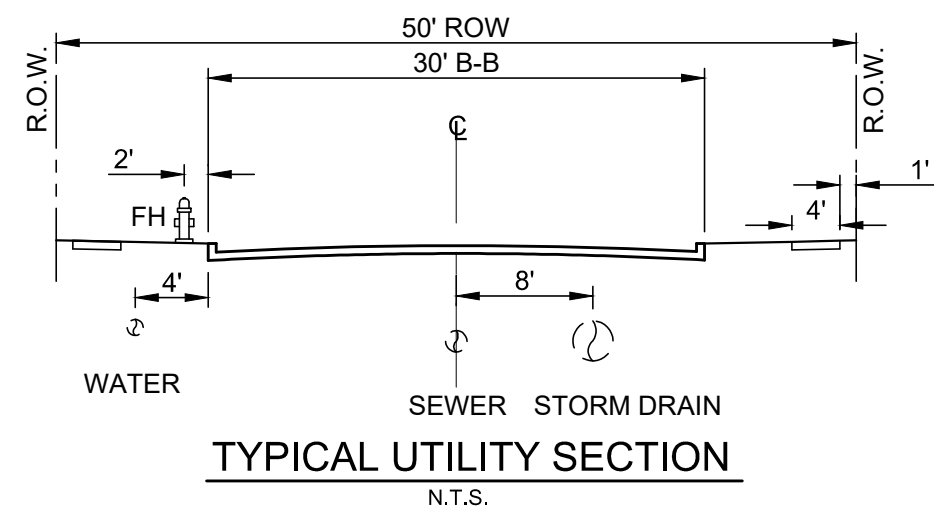
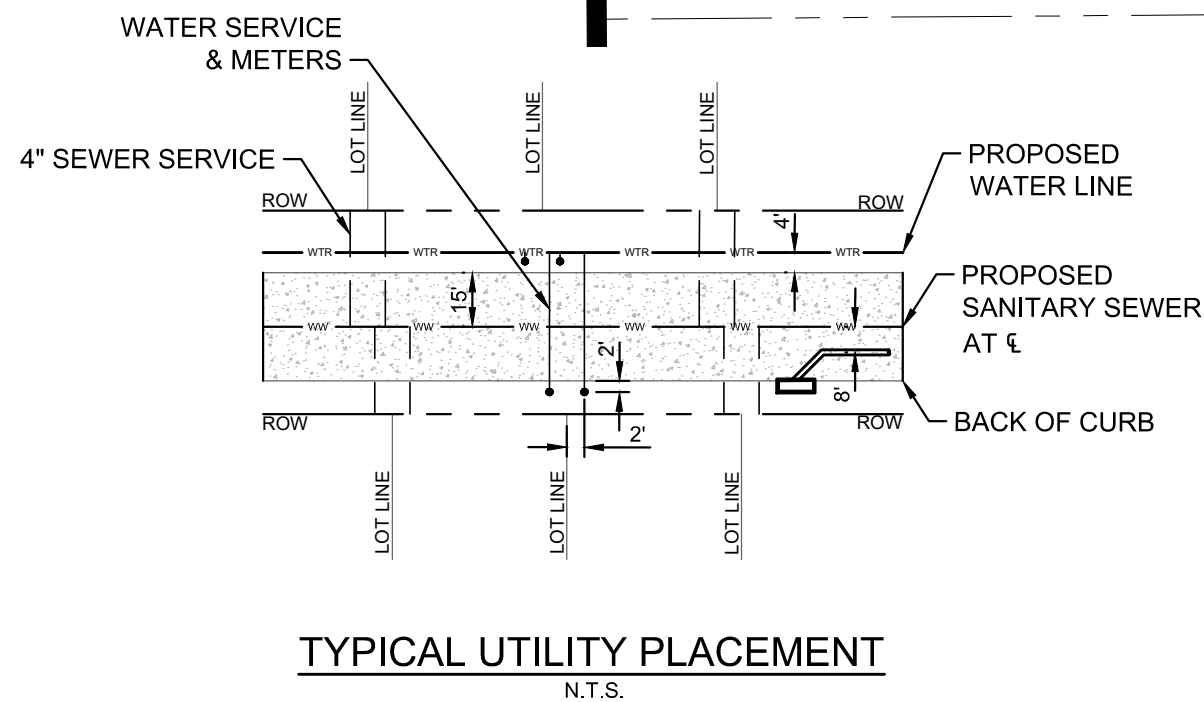
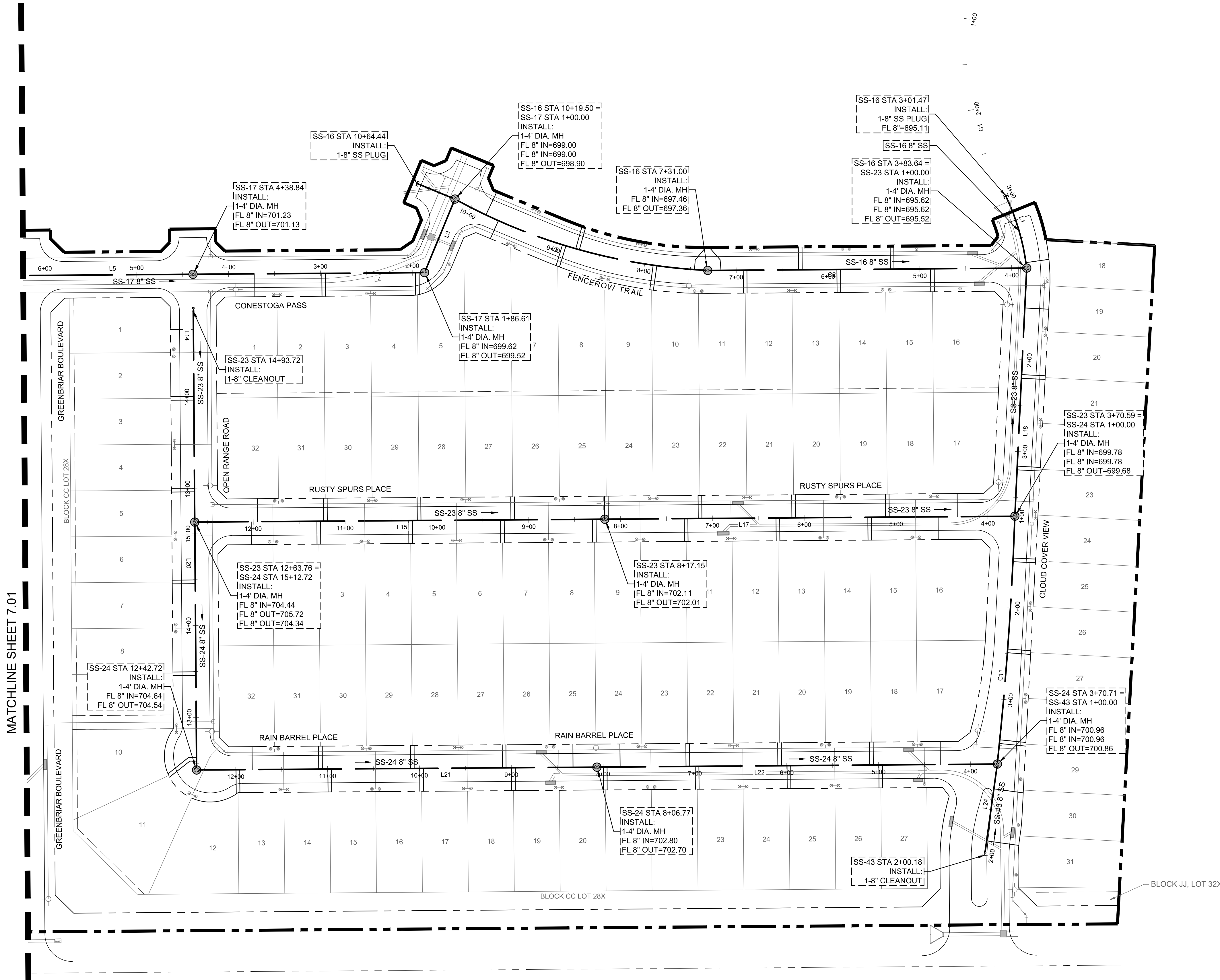
VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PLAN

WESTON, COLLIN COUNTY, TEXAS



| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.02 |
| REVIEWER: JWR | | | |



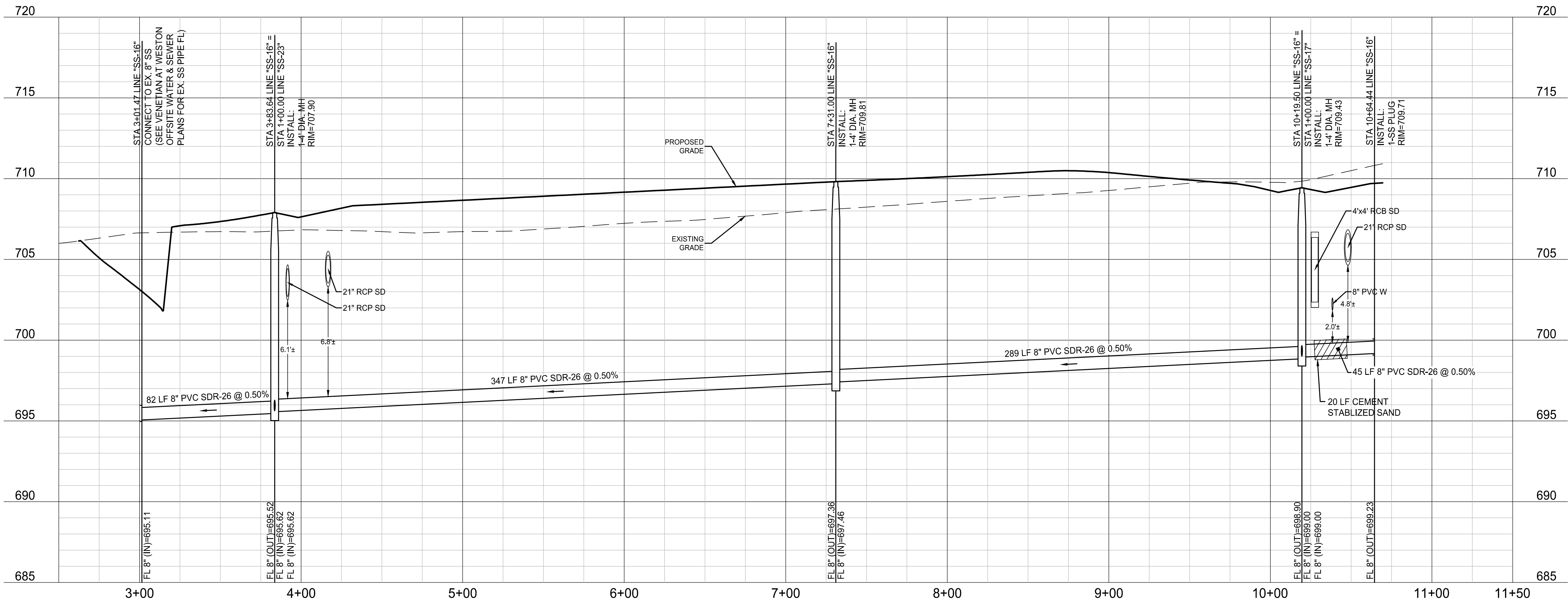
| CURVE TABLE | | | | | | |
|-------------|--------------|----------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C1 | 036° 54' 21" | 280.00' | 93.43' | 180.36' | 177.25' | S10° 27' 07"E |
| C2 | ??? | ??? | ??? | 347.35' | ??? | ??? |
| C3 | 012° 03' 20" | 1130.08' | 119.33' | 237.78' | 237.34' | N85° 48' 09"W |
| C4 | 002° 17' 22" | 1091.00' | 21.80' | 43.59' | 43.59' | N66° 03' 03"W |
| C5 | 026° 15' 27" | 500.00' | 116.62' | 229.14' | 227.14' | N83° 18' 18"W |
| C6 | 017° 10' 33" | 913.42' | 137.94' | 273.82' | 272.80' | N86° 09' 35"W |
| C7 | 009° 34' 37" | 1501.14' | 125.75' | 250.91' | 250.62' | N84° 51' 29"W |
| C8 | 009° 35' 49" | 1497.92' | 125.75' | 250.90' | 250.61' | N84° 51' 44"W |
| C9 | 068° 44' 30" | 250.05' | 171.03' | 300.00' | 282.33' | N56° 02' 03"W |
| C10 | 023° 40' 21" | 390.00' | 81.73' | 161.13' | 159.99' | N06° 30' 37"W |

| CURVE TABLE | | | | | | |
|-------------|--------------|----------|---------|---------|---------|---------------|
| CURVE | DELTA | RADIUS | TANGENT | LENGTH | CHORD | BEARING |
| C11 | 004° 05' 44" | 3787.07' | 135.41' | 270.71' | 270.65' | S04° 03' 04"W |
| C12 | 008° 03' 23" | 400.00' | 28.17' | 56.24' | 56.20' | N04° 02' 53"W |

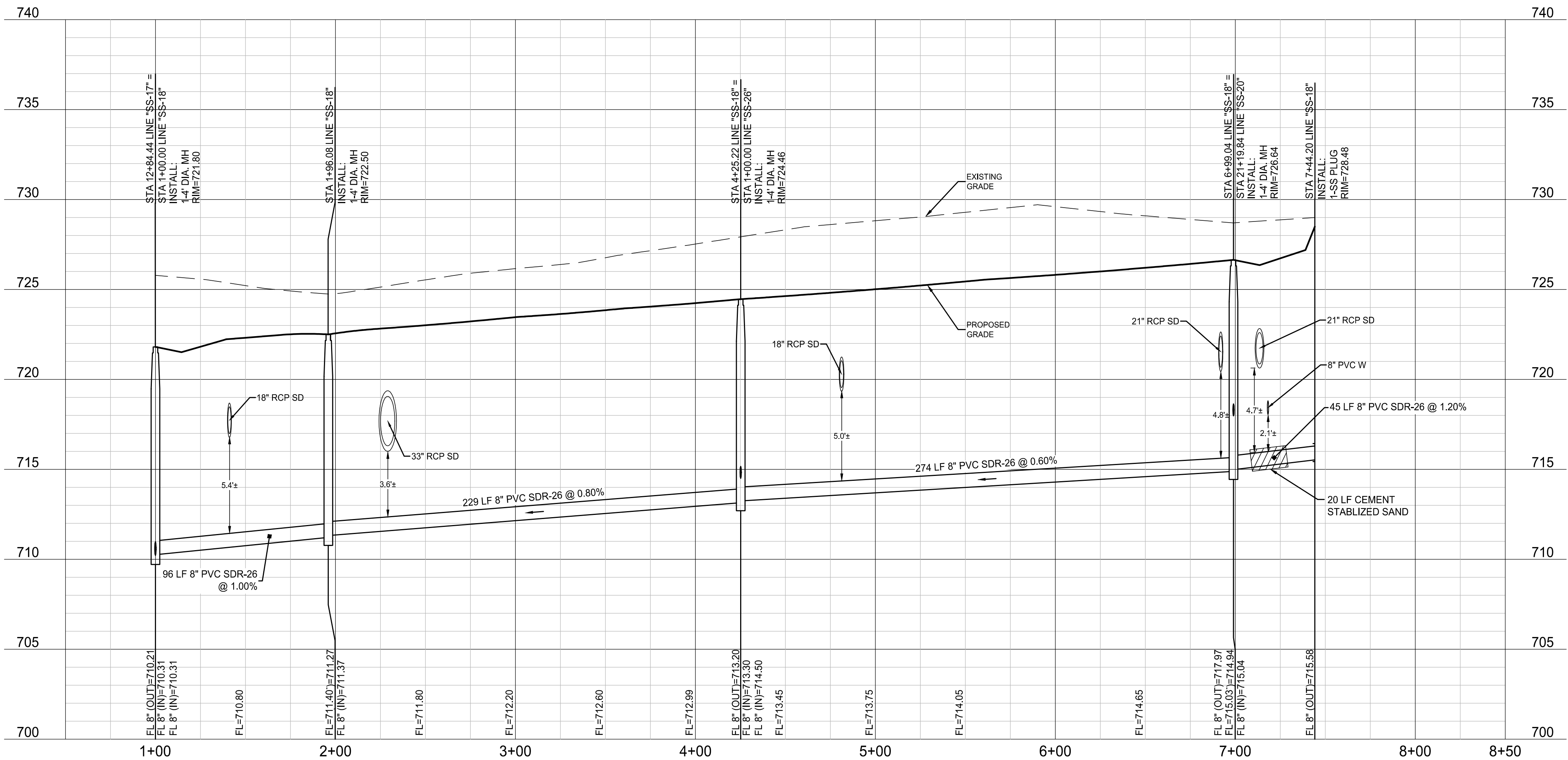
!!CAUTION!!
APPROXIMATE LOCATION OF
EXISTING UNDERGROUND UTILITIES.
CONTRACTOR SHALL USE EXTREME
CAUTION WHEN IN THIS AREA.

Drawing: J:\06\060001_01\Drawings\Phase1\06\060001_01\SS-16 & SS-18.dwg
User: JWR
Date: 12/20/2021 10:27 AM
Plot Date: 12/20/2021 10:27 AM

SS-16



SS-18



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE -
SS-16 & SS-18

WESTON, COLLIN COUNTY, TEXAS

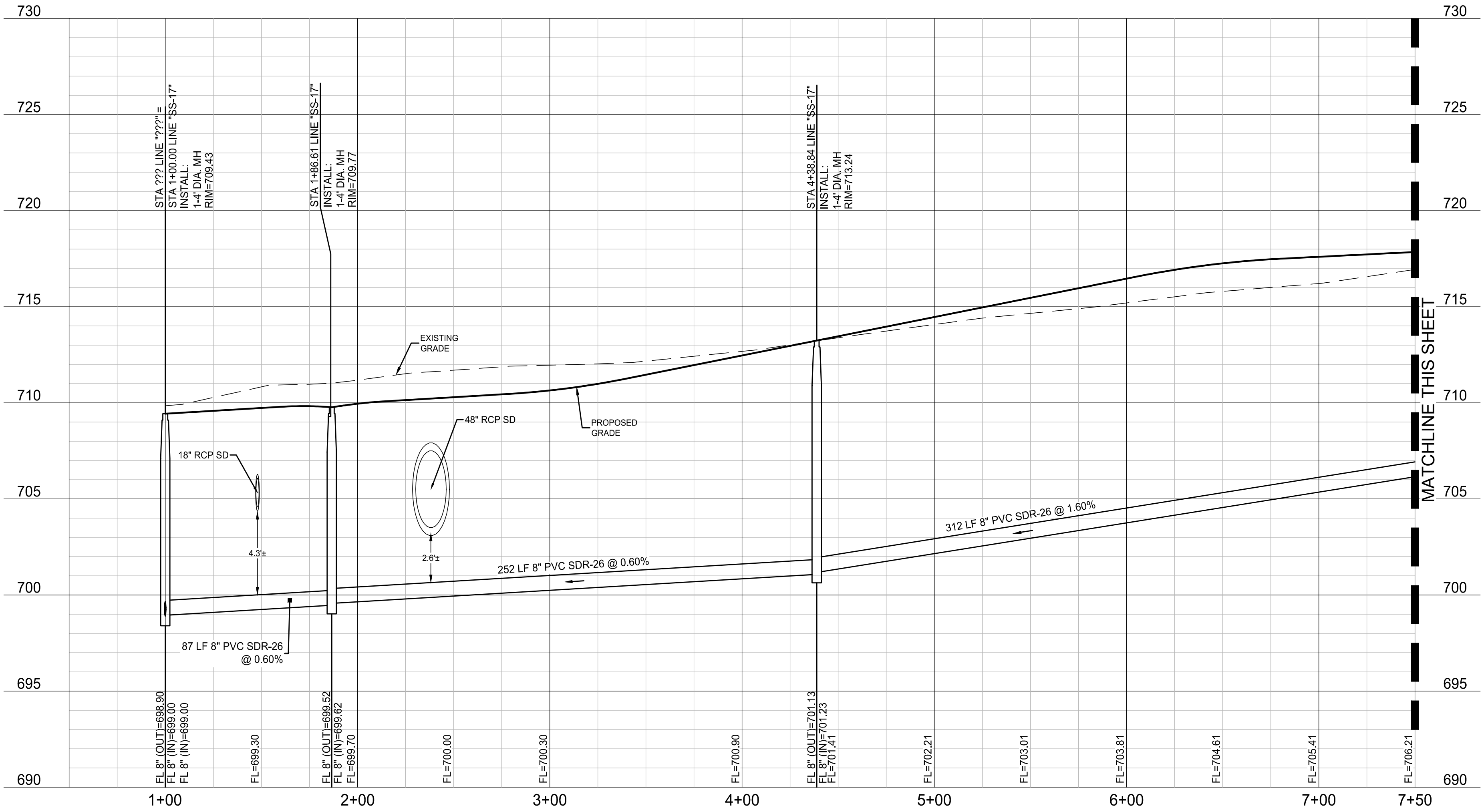


TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

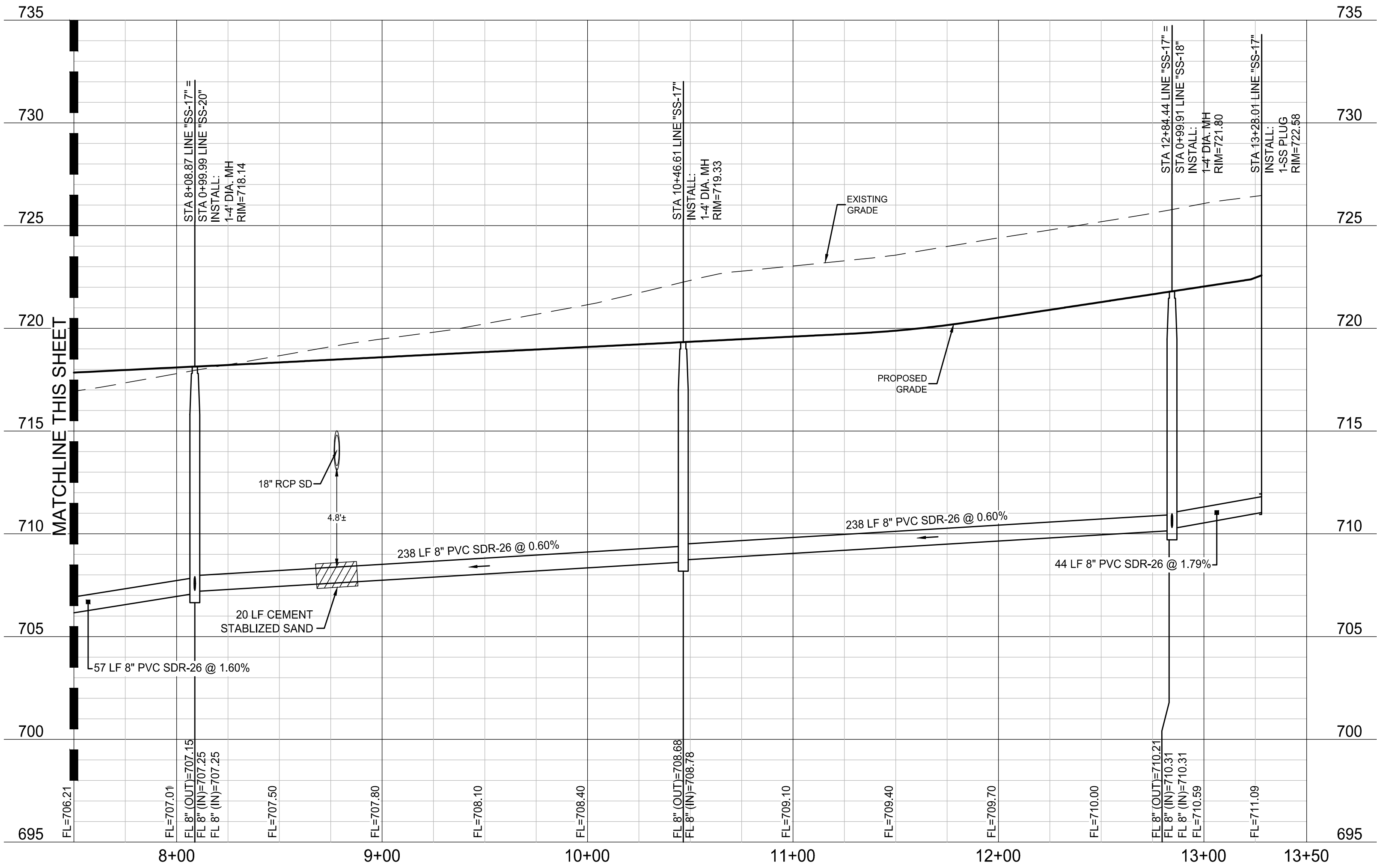
| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.03 |
| REVIEWER: JWR | | | |

Drawing: J:\06\0001_11\figs\at\weston\Phase1\CON\LEN20001\CP\PROFILES
User: JWR
Last Saved: 12/20/2020 10:21 AM
Plot Date/Time: 12/20/2020 3:44 PM

SS-17



SS-17



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE - SS-17

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.04 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

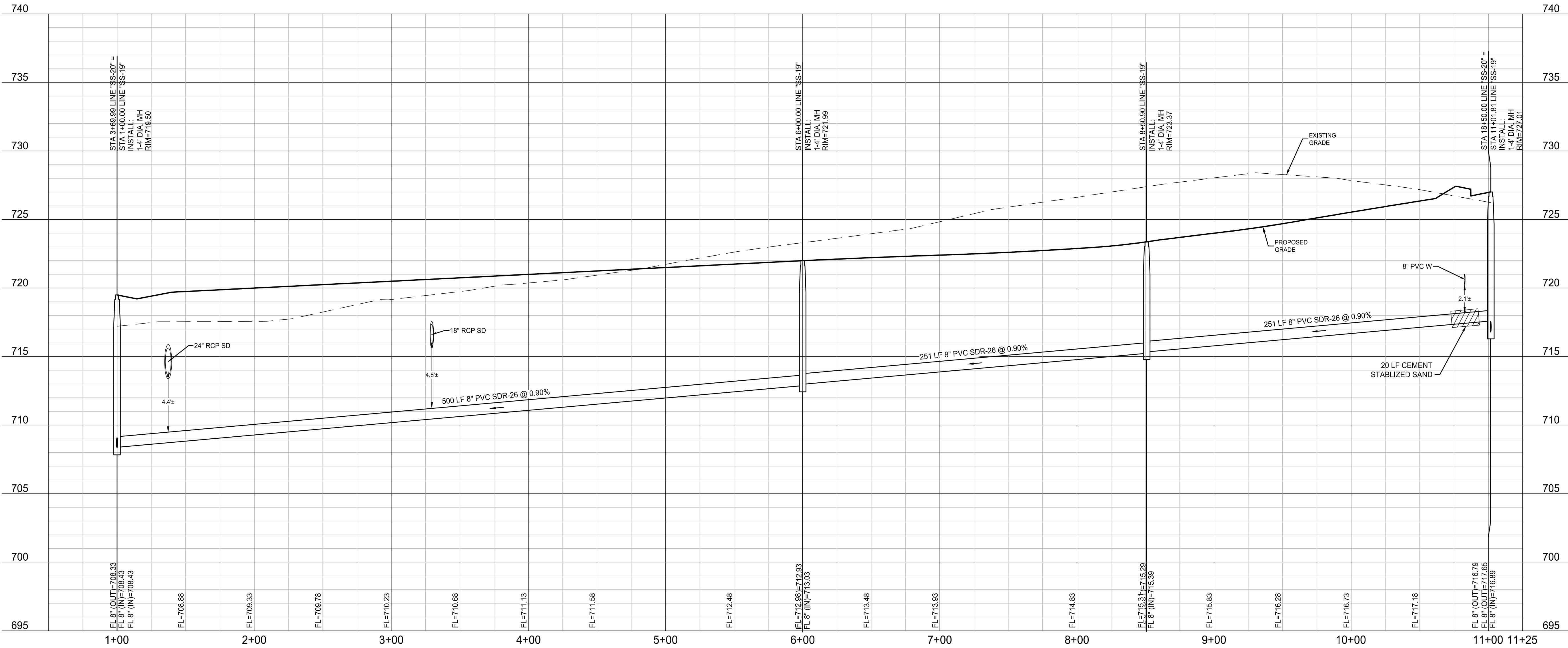
| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

SS-19



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE - SS-19

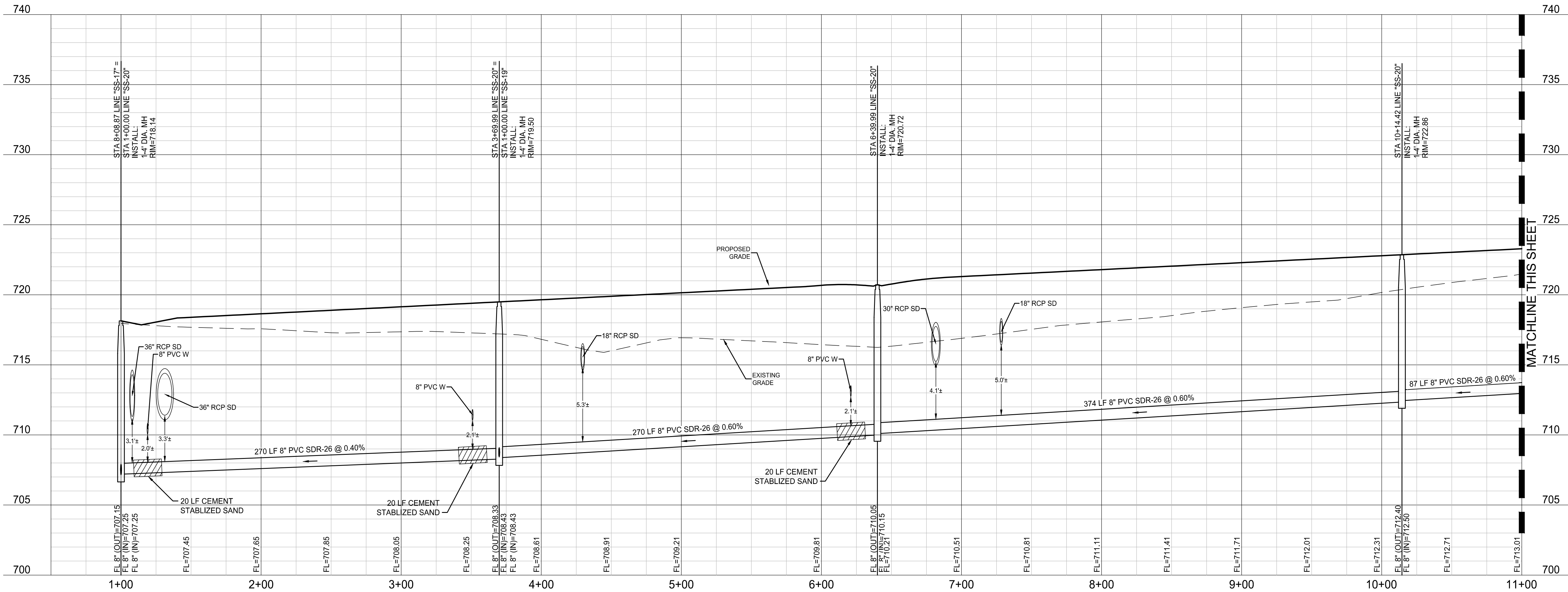
WESTON, COLLIN COUNTY, TEXAS

PELOTON
LAND SOLUTIONS

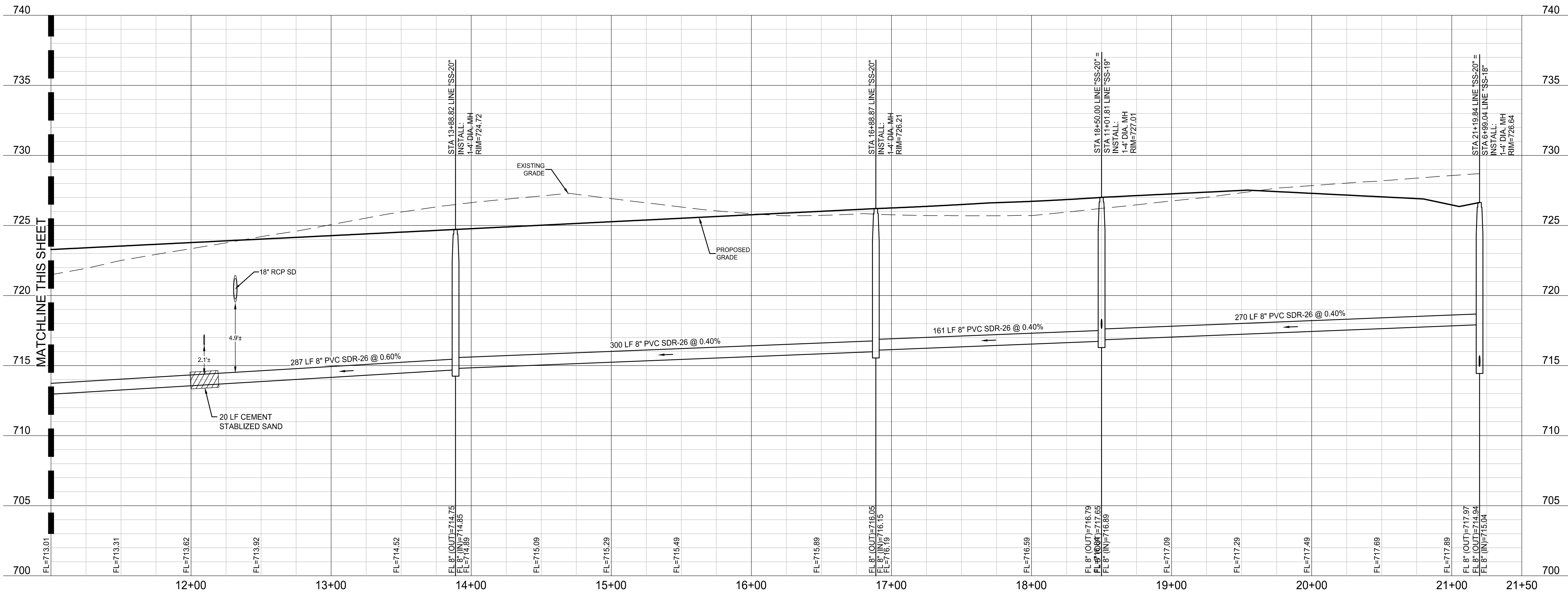
TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.05 |
| REVIEWER: JWR | | | |

SS-20



SS-20



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12007
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 84971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE - SS-20

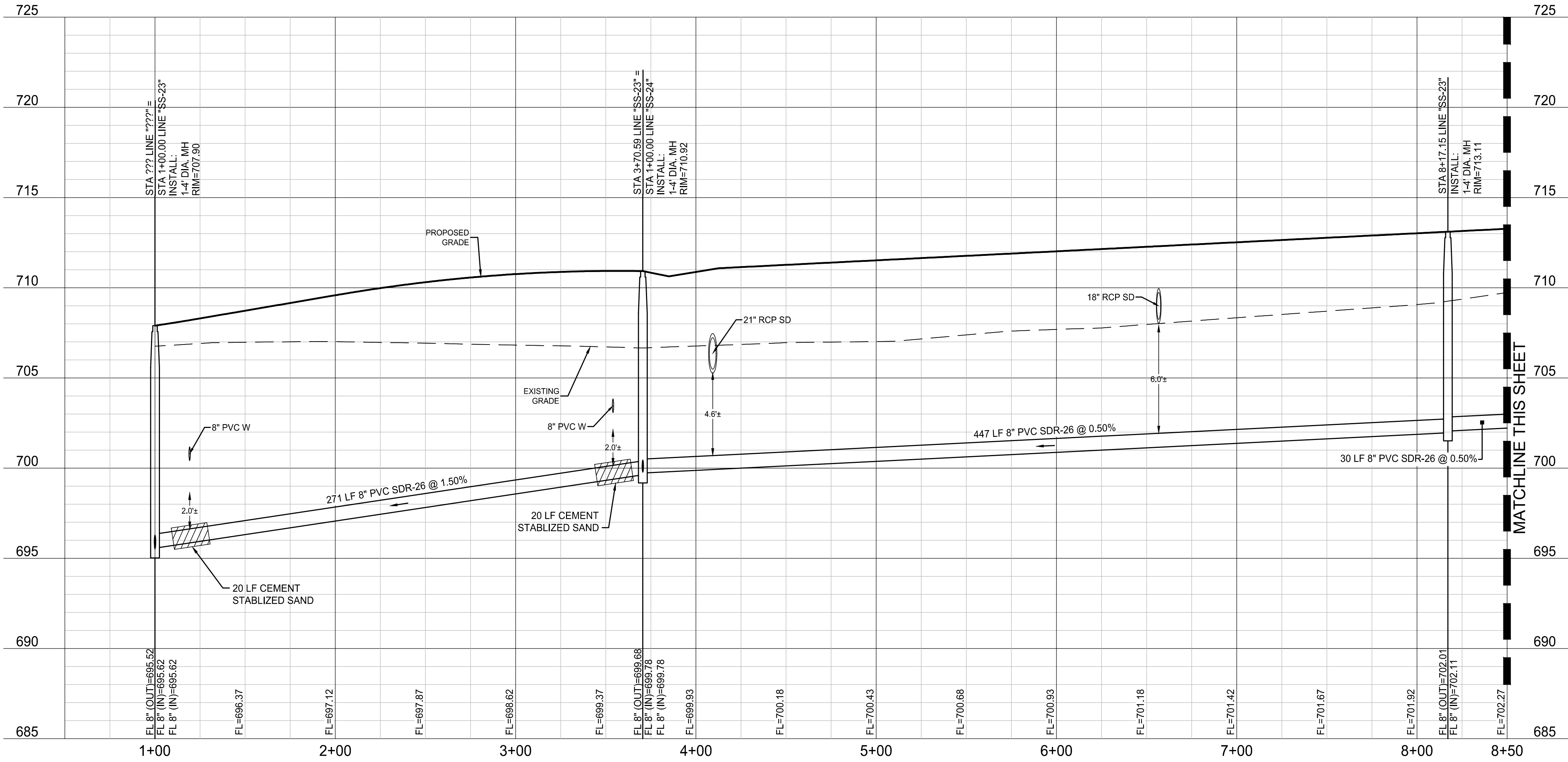
WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12007
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.06 |
| REVIEWER: JWR | | | |

SS-23



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

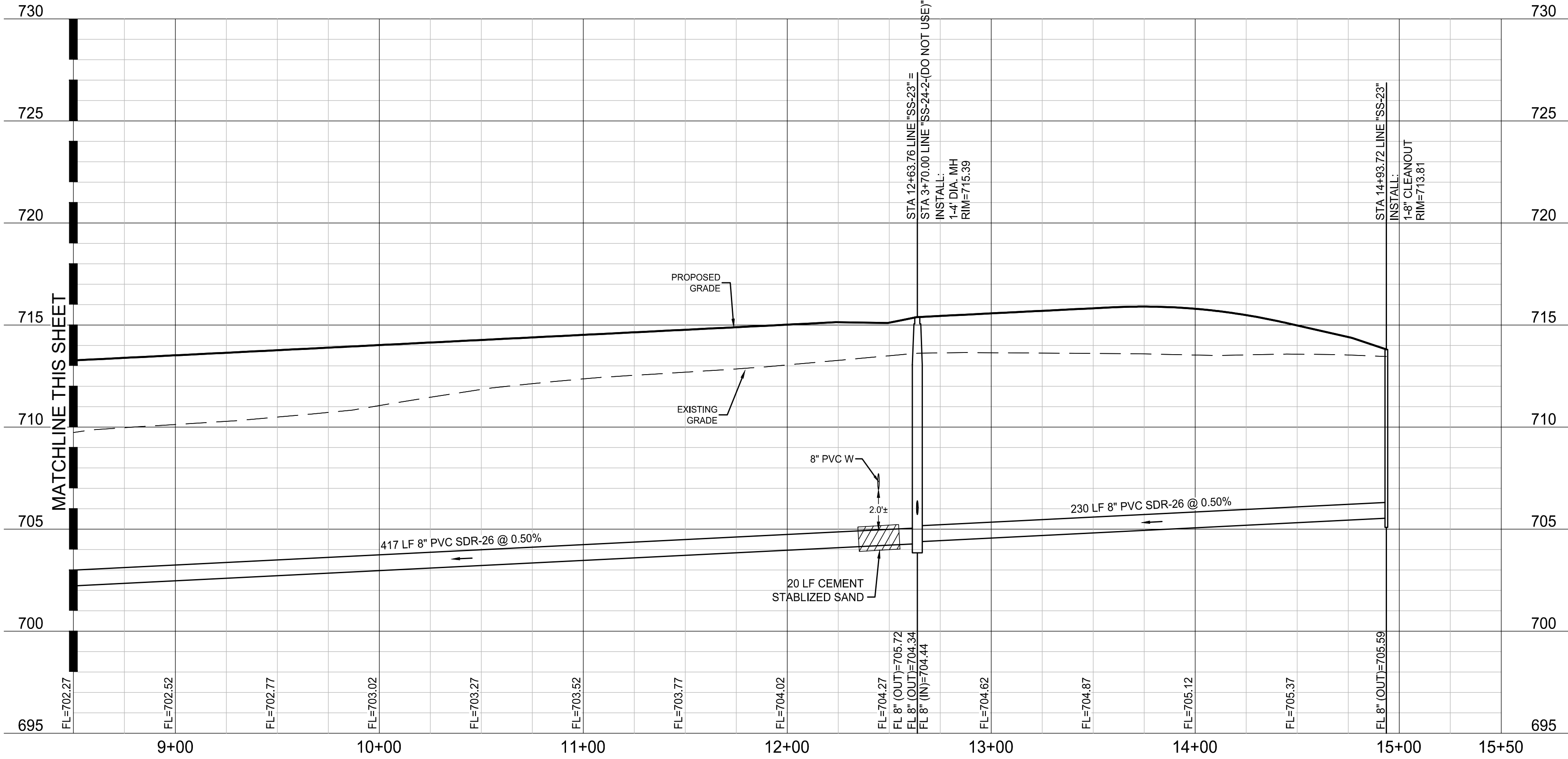
| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

SS-23



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 94971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE - SS-23

WESTON, COLLIN COUNTY, TEXAS

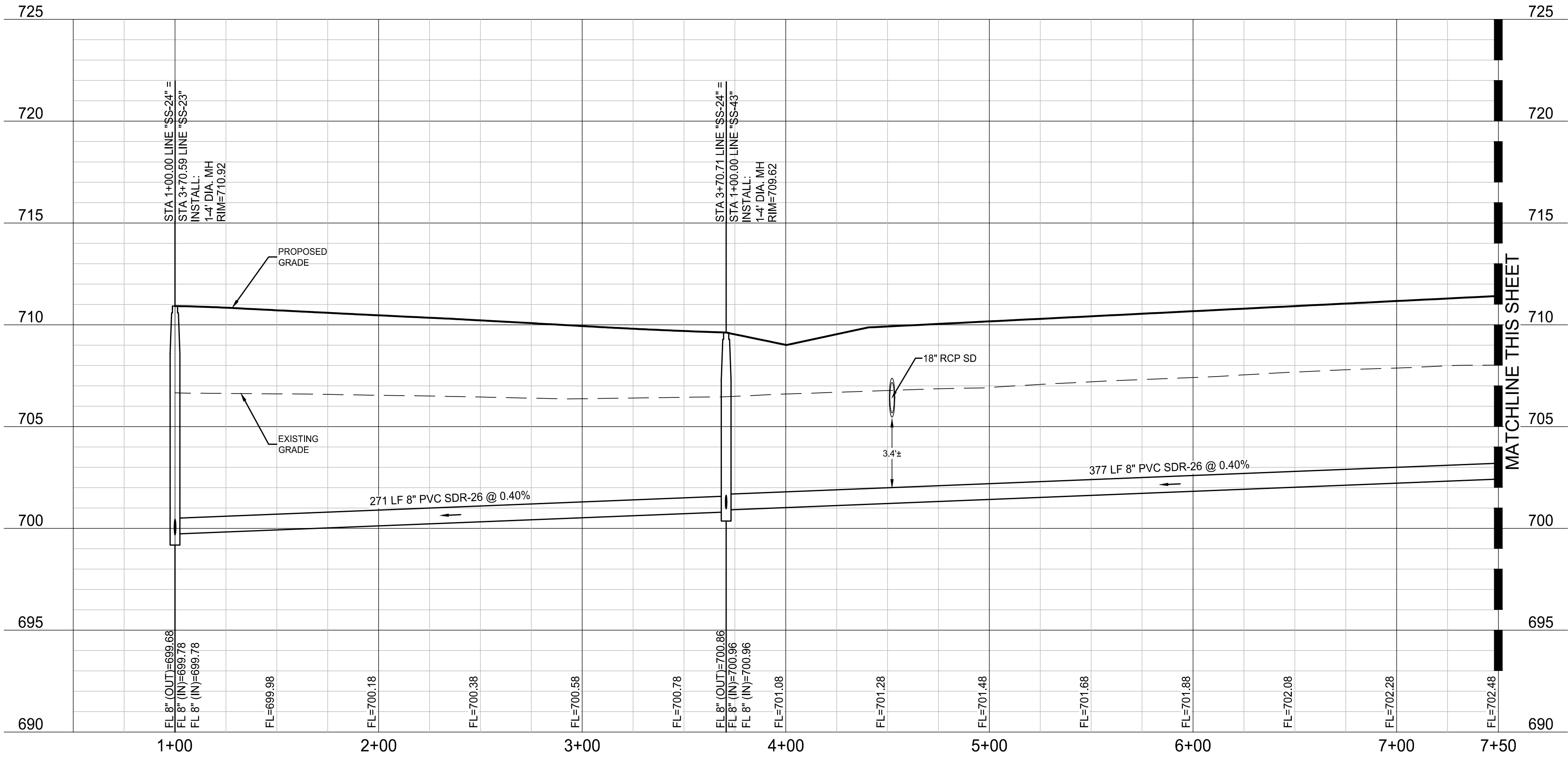


TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.07 |
| REVIEWER: JWR | | | |

Drawing: J:\00000001 - Venetian at Weston\Phase 1\CD\LEN00001 CP PROFILES
User: JWR
Last Saved: 12/20/2021 10:27 AM
Plot Date/Time: 12/20/2021 14:06 PM

SS-24



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

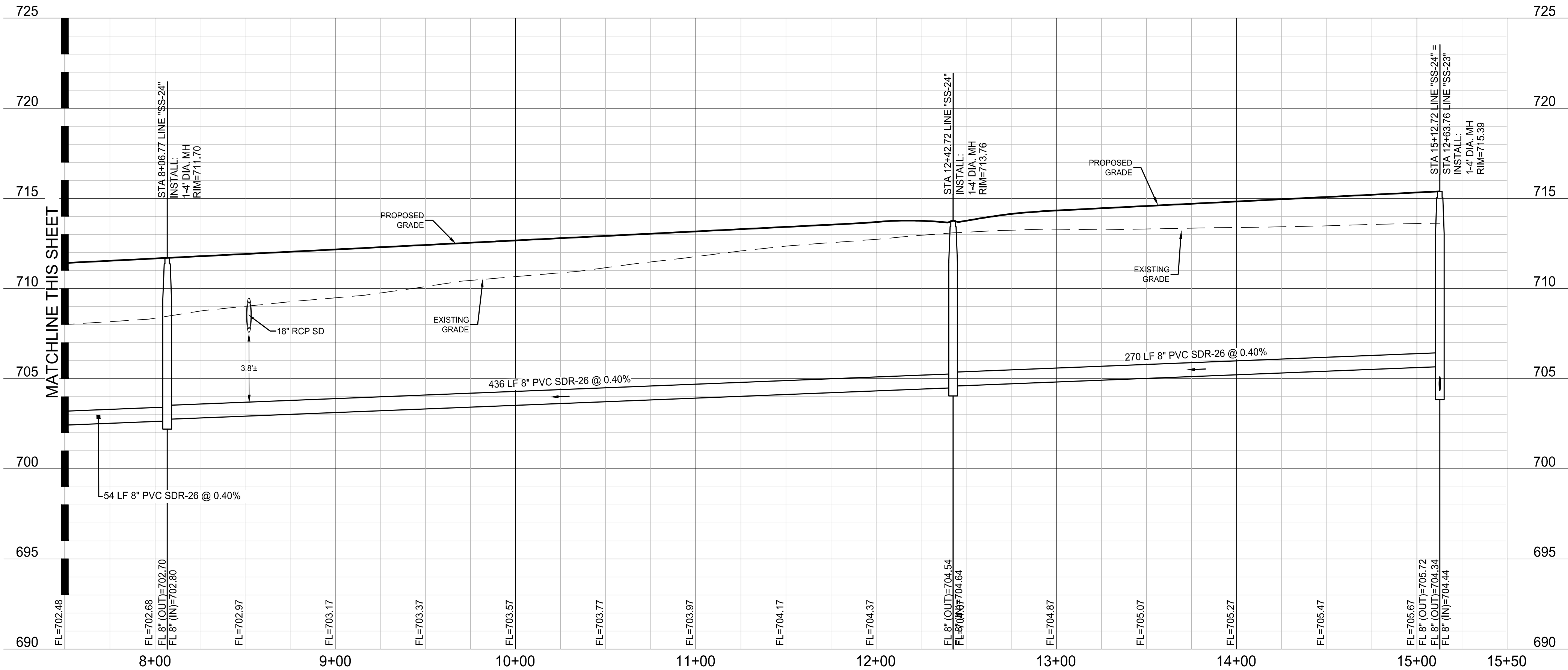
| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

SS-24



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE - SS-24

WESTON, COLLIN COUNTY, TEXAS

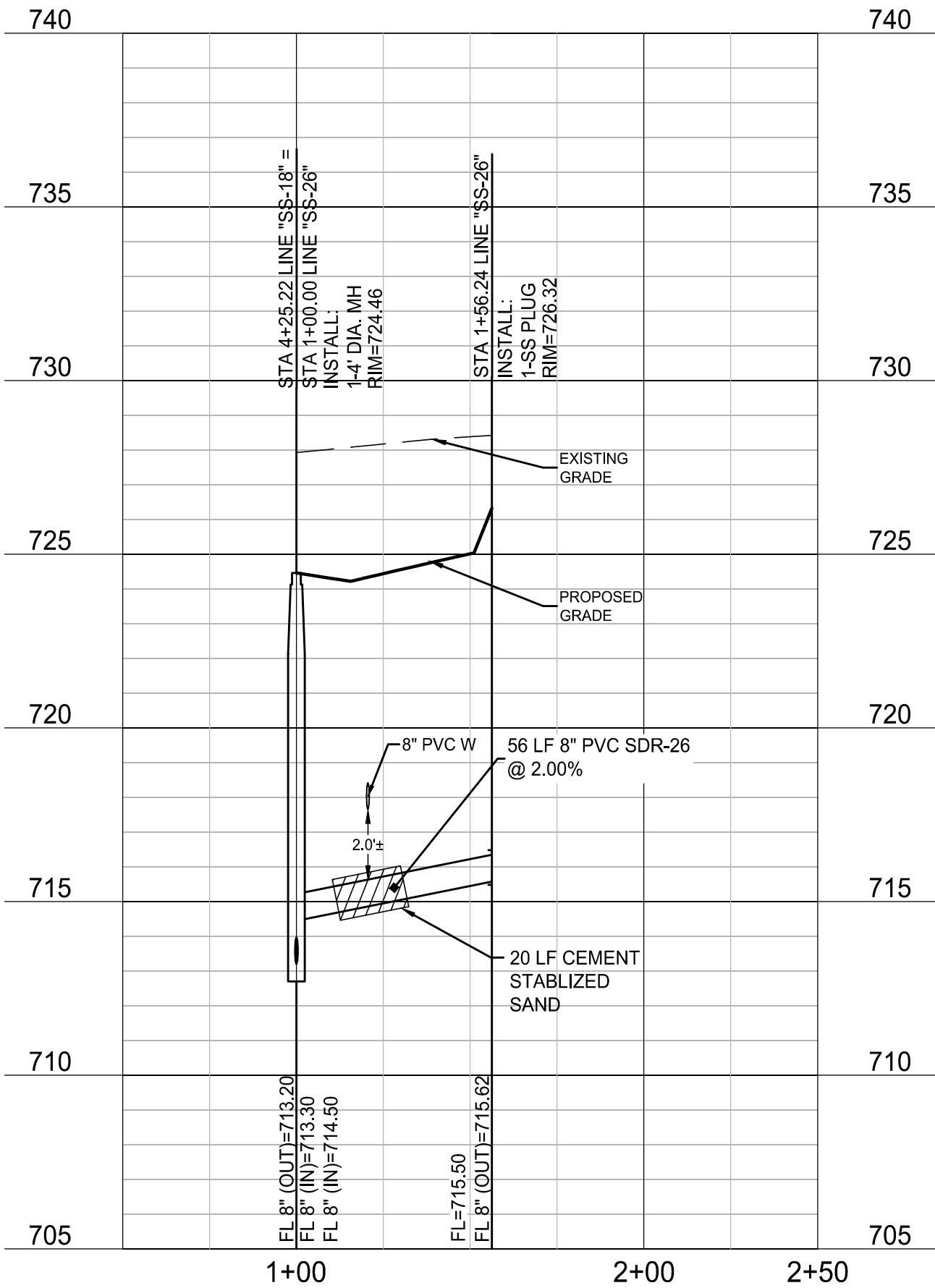


TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.08 |
| REVIEWER: JWR | | | |

Drawing: J:\Utilities\2001_Utilities at Weston\Phase1\CO\LEN20001 CP PROFILES
User: JWR
Last Saved: 12/20/2020 10:27 AM
Plot Date/Time: 12/20/2020 3:45 PM

SS-26



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

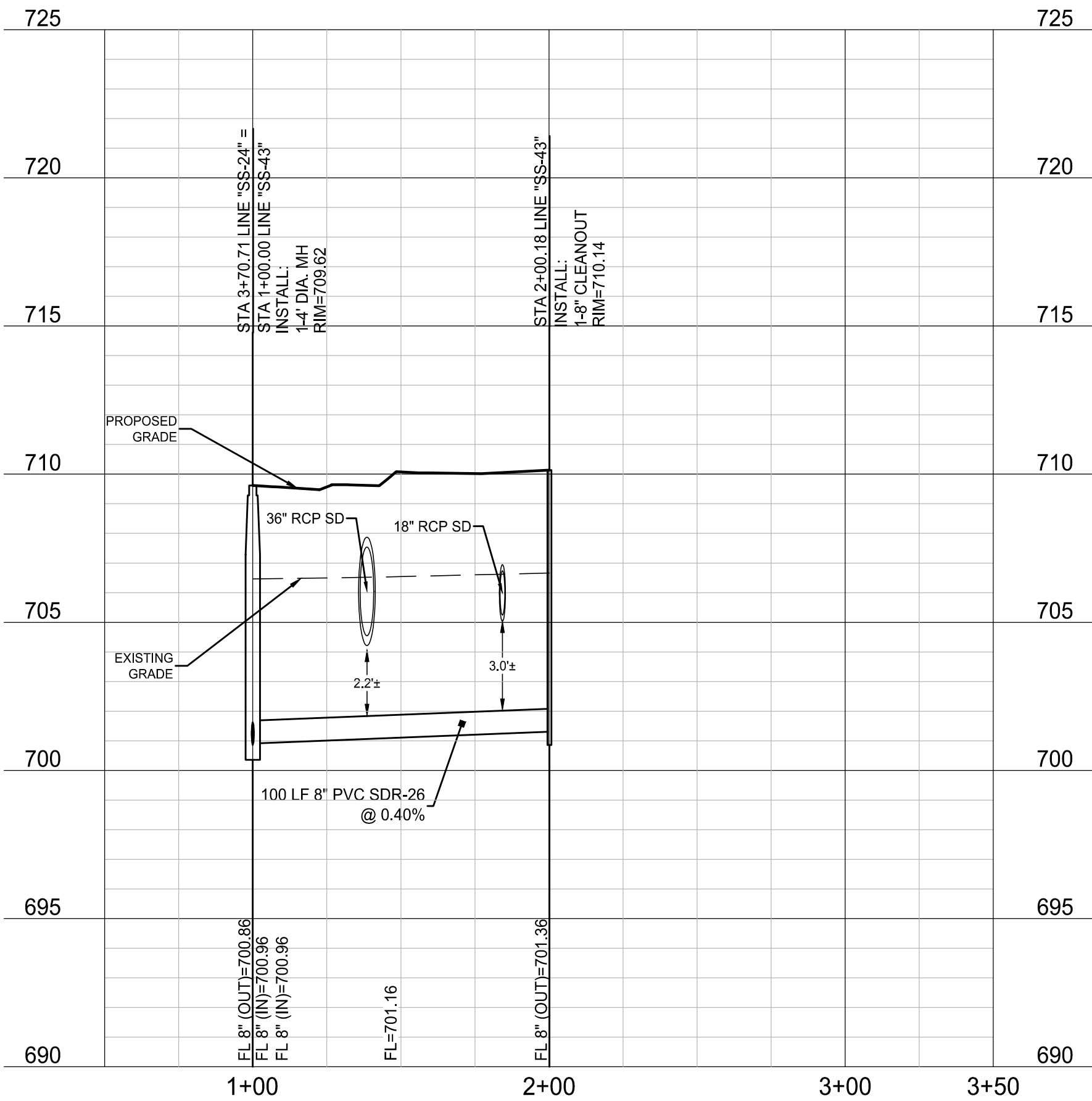
| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

PROFILE SCALES:
1" = 40' HORIZ.
1" = 4' VERT.

- NOTES:
- REFER TO CITY OF WESTON CONSTRUCTION STANDARD DETAILS FOR CONSTRUCTION NOTES AND STANDARD DETAILS.
 - THE CITY OF WESTON DESIGN AND CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL T.C.E.Q. PIPE SEPARATION REQUIREMENTS MUST BE MET.
 - FIRE HYDRANT ASSEMBLY INCLUDES FIRE HYDRANT, 8"x6" TEE, 6" FIRE LEAD PIPE AND 6" GATE VALVE.
 - SANITARY SEWER CONSTRUCTION WILL INCLUDE FURNISHING AND INSTALLING THE MATERIALS AND ALL SAN. SEWER PIPES, MANHOLES, CLEANOUTS, APPURTENANCE, INCLUDING EXCAVATION, EMBEDMENT AND BACKFILL, AS SHOWN ON THESE PLANS.
 - ALL SANITARY SEWER PIPES ARE SDR-35 UNLESS OTHERWISE NOTED ON THE PLANS.

SS-43



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 84971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

SANITARY SEWER PROFILE -
SS-24-2, SS-26, & SS-43

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

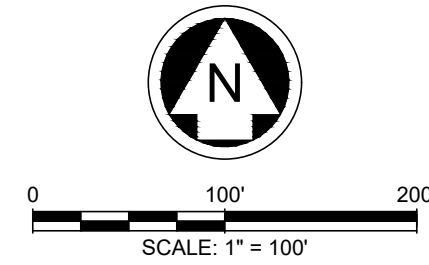
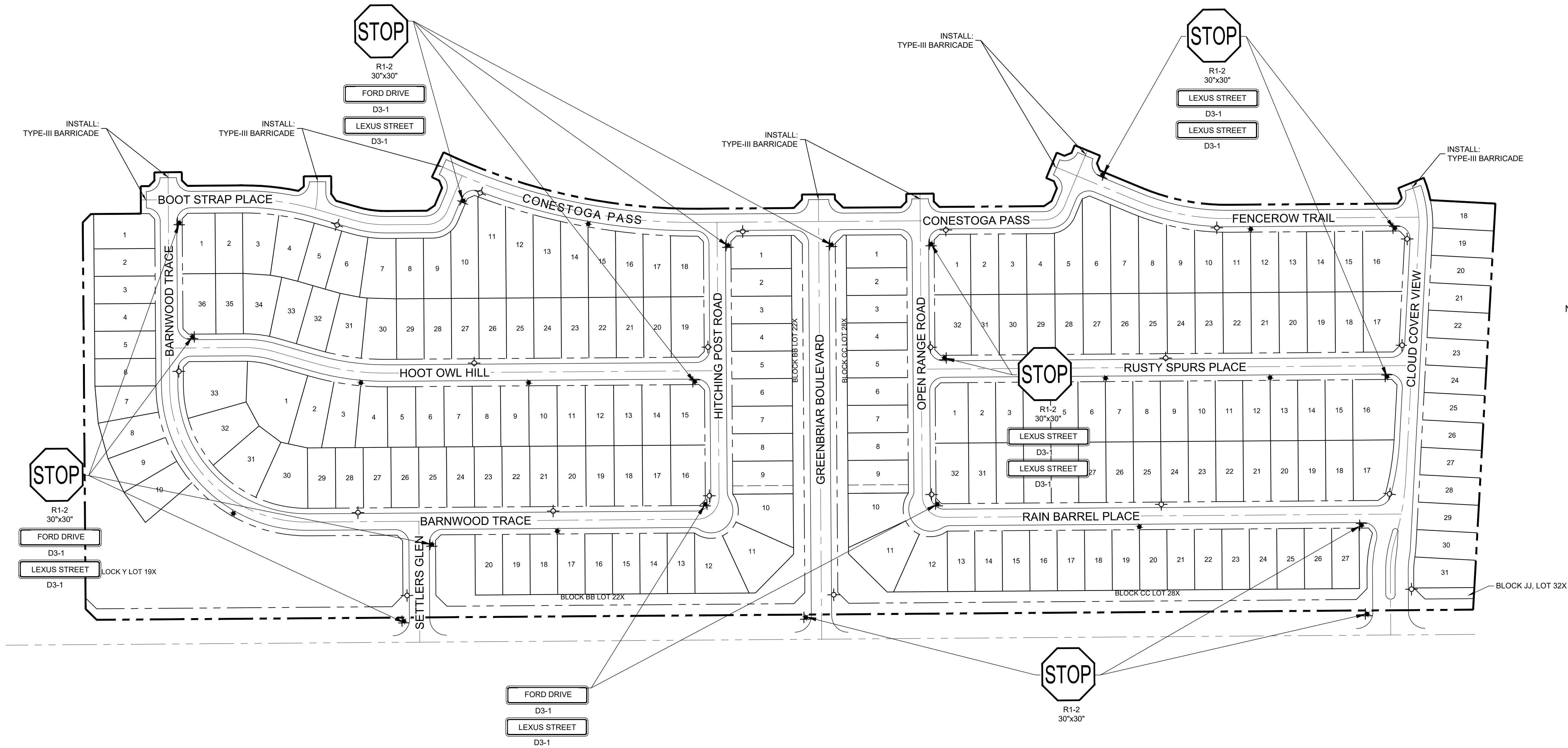
| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 7.09 |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING
AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES
VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

FIRST SUBMITTAL



LEGEND

- PROPOSED LIGHT POLE 1-FIXTURE
- PROPOSED STREET SIGN
- PROPOSED STOP SIGN
- PROPOSED FIRE HYDRANT

- NOTES:
- TRAFFIC SIGN INSTALLATIONS SHALL COMPLY WITH THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - CONTRACTOR SHALL SEQUENCE CONSTRUCTION SO THAT A MINIMUM OF ONE OPEN LANE IN EACH DIRECTION IS MAINTAINED AT ALL TIMES. TRAFFIC SHALL NOT BE MADE TO CROSS THE MEDIAN.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543, APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543, APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELTON LAND SOLUTIONS
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY JAY W. REISSIG, P.E. # 94971.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

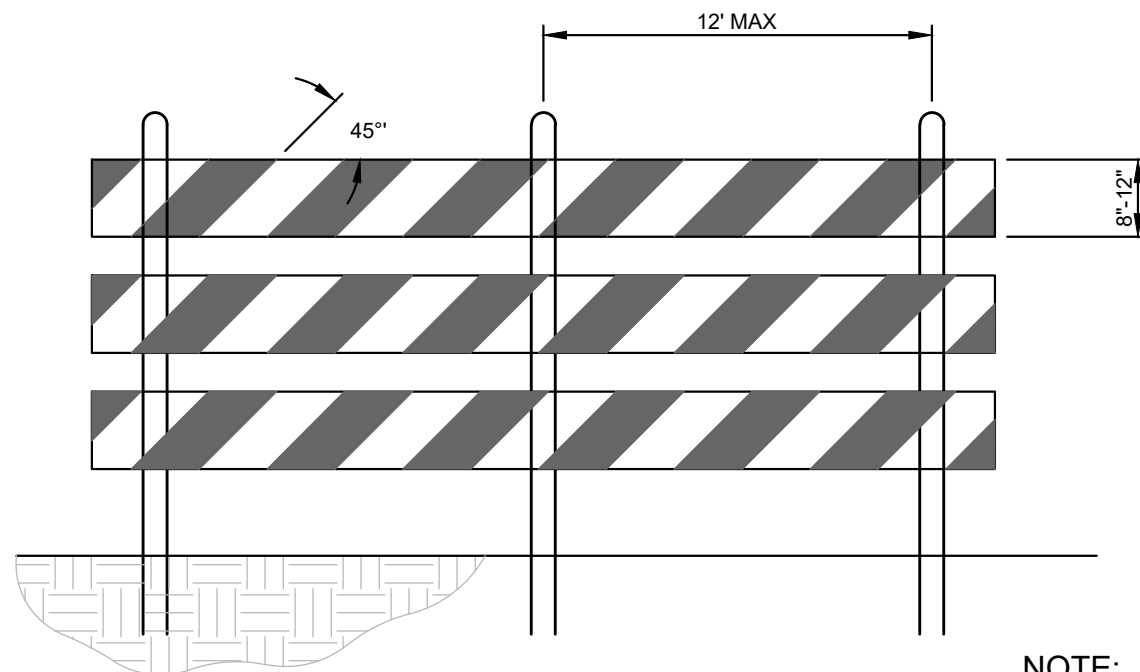
LIGHT AND SIGNAGE PLAN

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | 8.01 |
| REVIEWER: JWR | | | |



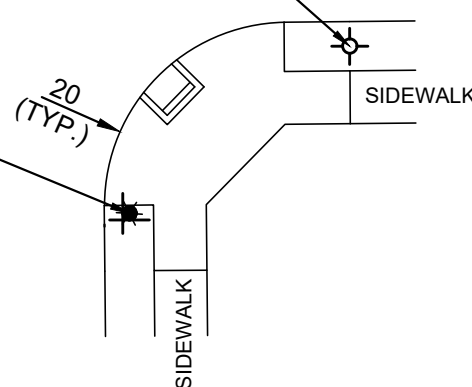
TYPE III BARRICADE DETAIL
N.T.S.

NOTE:

- RAIL STRIPE WIDTH SHALL BE 6" EXCEPT WHERE RAIL LENGTHS ARE LESS THAN 36", THEN 4" WIDE STRIPES MAY BE USED
- THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES

FIRE HYDRANTS SHALL BE LOCATED 2' FROM THE ROADWAY AT CURB RETURN. FIRE HYDRANTS SHALL NOT BE LOCATED IN ANY SIDEWALKS.

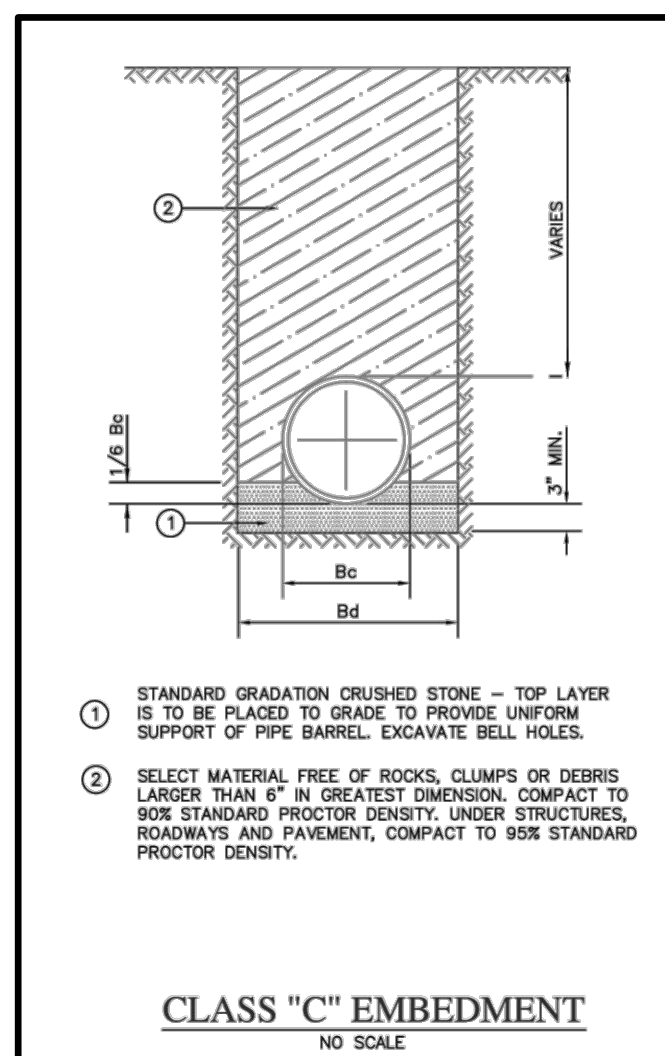
STOP SIGN/ STREET NAME BLADE TO BE MOUNTED ON STREET LIGHT AND PLACED 3.5' FROM BACK OF CURB AND 4' FROM THE PROJECTION OF THE CURB RETURN



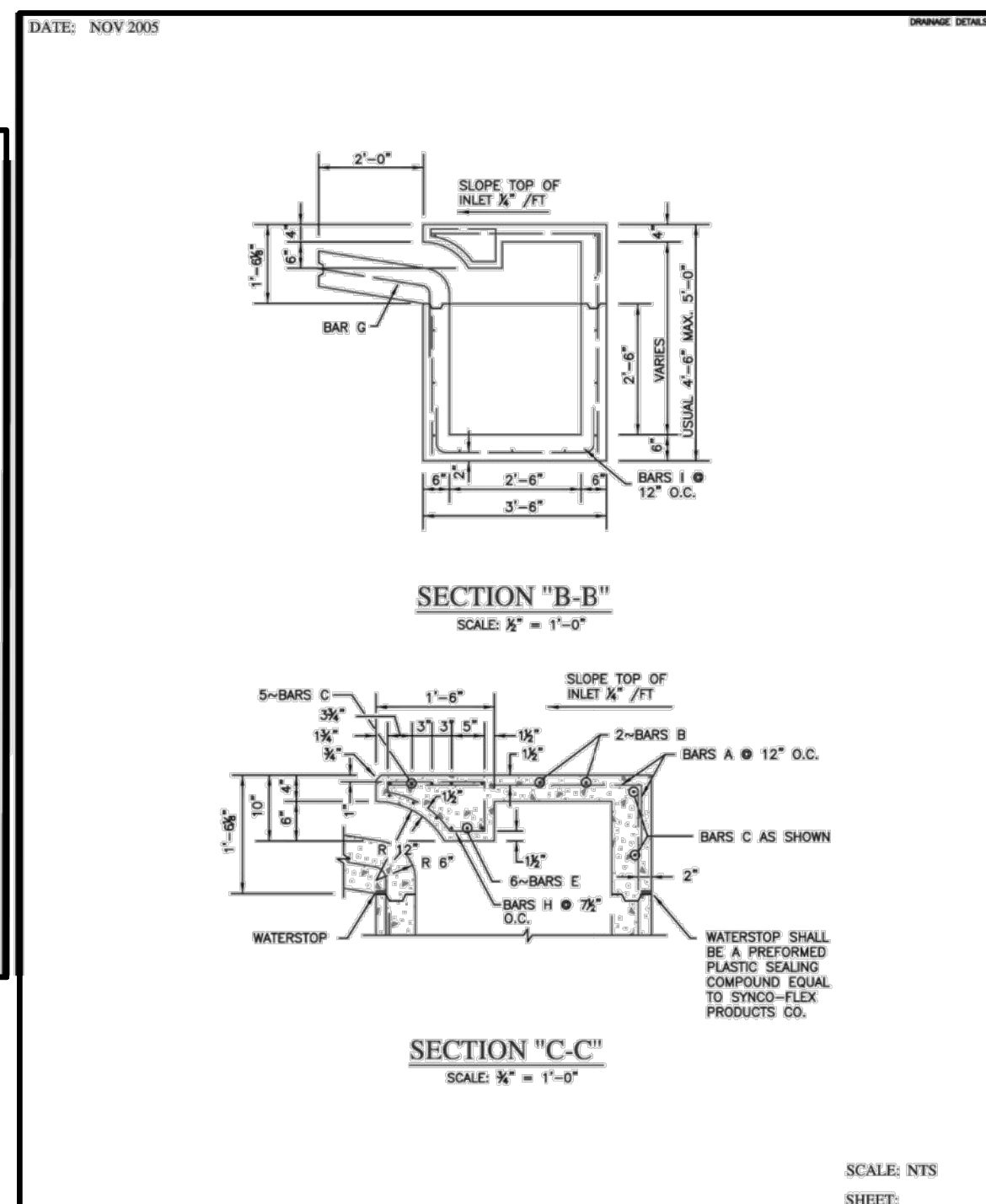
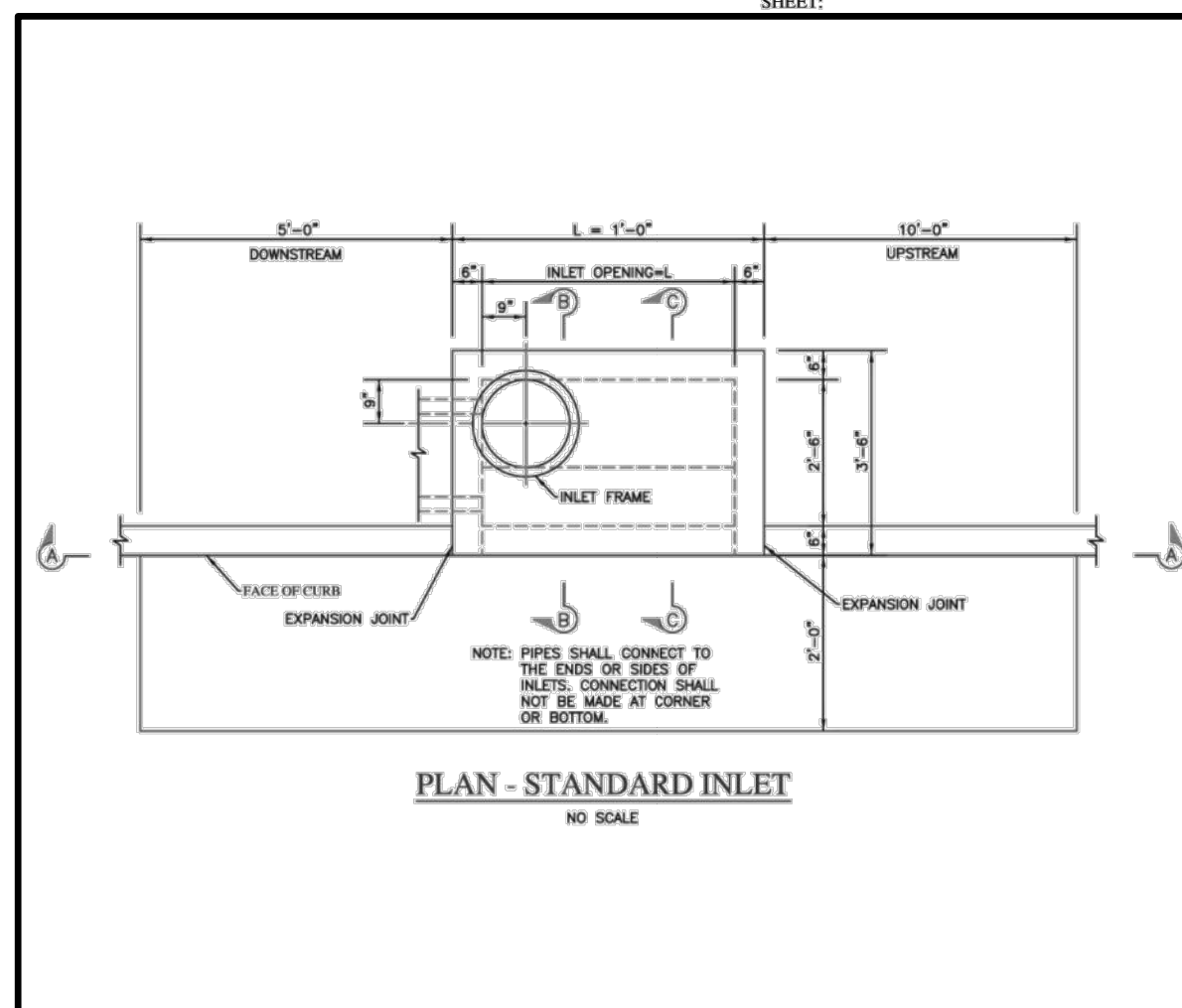
TYPICAL STREET LIGHT, STOP SIGN W/ STREET SIGN, AND FIRE HYDRANT LOCATIONS
N.T.S.



VENETIAN AT WESTON PHASE 1



| | |
|---|----------------|
| NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING | |
| AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA: | |
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |
| CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. | |



DATE: NOV 2005

Revised: 05/01/05

REINFORCING STEEL SCHEDULE

DOUBLE INLETS

DIMENSIONS SHOWN ARE FOR MAX. SIZE INLETS

| INLET LENGTH L | BAR TYPE | BAR DIA. (IN) | NO. REQD. | BAR DIMENSIONS | | |
|----------------------|-------------|---------------------|--------------|----------------|-------|-------|
| | | | | A | B | C |
| 8 FT. | A | 3 | 19 | 3'-2" | 0'-6" | --- |
| | B | 3 | 2 | 15'-6" | --- | --- |
| | C | 4 | 16 | 17'-4" | 0'-6" | --- |
| | D | 4 | 9 | 4'-8" | --- | --- |
| | E | 5 | 6 | 17'-4" | --- | --- |
| | F | 4 | 5 | 1'-2" | --- | --- |
| | G | 3 | 32 | 3'-0" | 1'-3" | --- |
| | H | 3 | 20 | " | " | " |
| | I | 4 | 16 | 4'-8" | 3'-2" | --- |
| | J | 5 | 1 | " | " | " |
| | K | 5 | 6 | 3'-2" | 0'-6" | --- |
| | L | 4 | 11 | 3'-2" | 0'-6" | --- |
| | M | 4 | 2 | 3'-0" | --- | --- |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| 10 FT. | A | 3 | 23 | 3'-2" | 0'-6" | --- |
| | B | 3 | 2 | 19'-6" | --- | --- |
| | C | 4 | 16 | 21'-4" | 0'-6" | --- |
| | D | 4 | 9 | 4'-8" | --- | --- |
| | E | 5 | 6 | 21'-4" | --- | --- |
| | F | 4 | 5 | 1'-2" | --- | --- |
| | G | 3 | 15 | 2'-0" | 1'-3" | --- |
| | H | 3 | 32 | " | " | " |
| | I | 4 | 20 | 4'-8" | 3'-2" | 3'-2" |
| | J | 5 | 1 | " | " | " |
| | K | 5 | 6 | 3'-2" | 0'-6" | --- |
| | L | 4 | 11 | 3'-2" | 0'-6" | --- |
| | M | 4 | 2 | 3'-0" | --- | --- |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |

* SEE DIAGRAM FOR DIMENSIONS

TYPICAL BAR BENDING

BAR J

BEND TO ALLOW
A MIN. 10"
CLR. OF DRAIN
PIPE.

BAR H

REINFORCING DETAILS

SCALE: ITS
SHOWN

Revised: 11/10

DATE: NOV 2005

REINFORCING STEEL SCHEDULE

DIMENSIONS SHOWN ARE FOR MAX. SIZE INSETS

| INLET LENGTH L | BAR TYPE | BAR DIA. ($\frac{1}{8}$ ") | NO. REQD. | BAR DIMENSIONS | | |
|----------------------|-------------|------------------------------------|--------------|----------------|-----------|-----------|
| | | | | A | B | C |
| 6 FT. | A | 3 | 9 | 3'-2" | 0'-3" | max. min. |
| | B | 3 | 1 | 4'-10" | max. min. | |
| | C | 4 | 15 | 6'-8" | 0'-6" | max. min. |
| | D | 4 | 5 | 4'-8" | max. min. | |
| | F | 4 | 1 | 3'-2" | max. min. | |
| | G | 3 | 5 | 2'-0" | 1'-3" | max. min. |
| | H | 3 | 3 | * | * | * |
| | N | 3 | 3 | 3'-2" | 3'-2" | 3'-2" |
| | | | | | | |
| | | | | | | |
| 8 FT. | A | 3 | 12 | 3'-2" | 0'-3" | max. min. |
| | B | 3 | 1 | 6'-10" | max. min. | |
| | C | 4 | 15 | 8'-8" | 0'-6" | max. min. |
| | D | 4 | 5 | 4'-8" | max. min. | |
| | F | 4 | 1 | 3'-2" | max. min. | |
| | G | 3 | 5 | 2'-0" | 1'-3" | max. min. |
| | H | 3 | 4 | * | * | * |
| | N | 3 | 3 | 3'-2" | 3'-2" | 3'-2" |
| | | | | | | |
| | | | | | | |
| 10 FT. | A | 3 | 10 | 3'-2" | 0'-3" | max. min. |
| | B | 3 | 2 | 8'-10" | max. min. | |
| | C | 4 | 16 | 10'-8" | 0'-6" | max. min. |
| | D | 4 | 4 | 4'-8" | max. min. | |
| | E | 5 | 6 | 10'-8" | max. min. | |
| | G | 3 | 5 | 2'-0" | 1'-3" | max. min. |
| | H | 3 | 15 | * | * | * |
| | I | 4 | 8 | 4'-8" | 3'-2" | max. min. |
| | L | 4 | 5 | 4'-3" | max. min. | |
| | | | | | | |

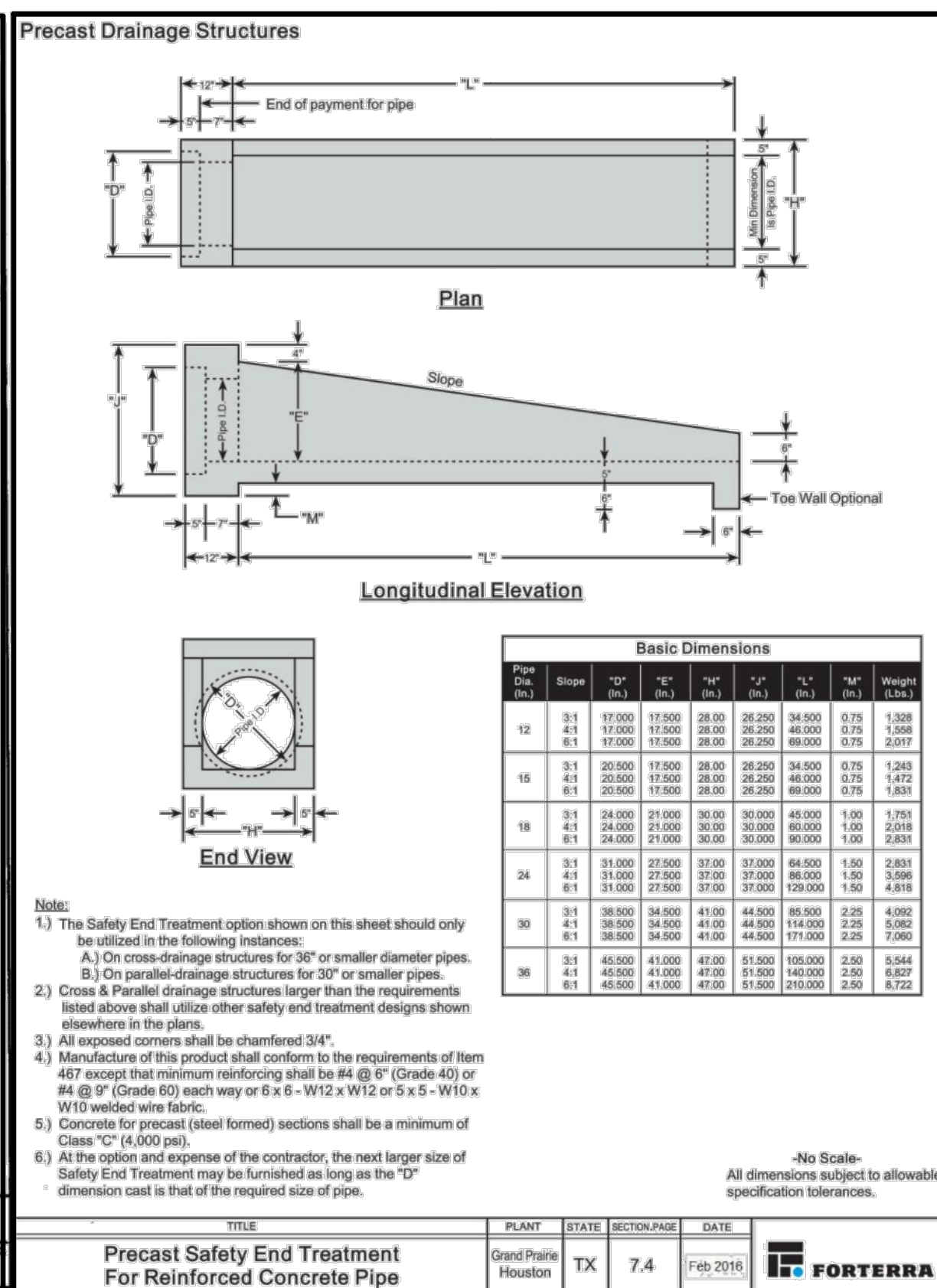
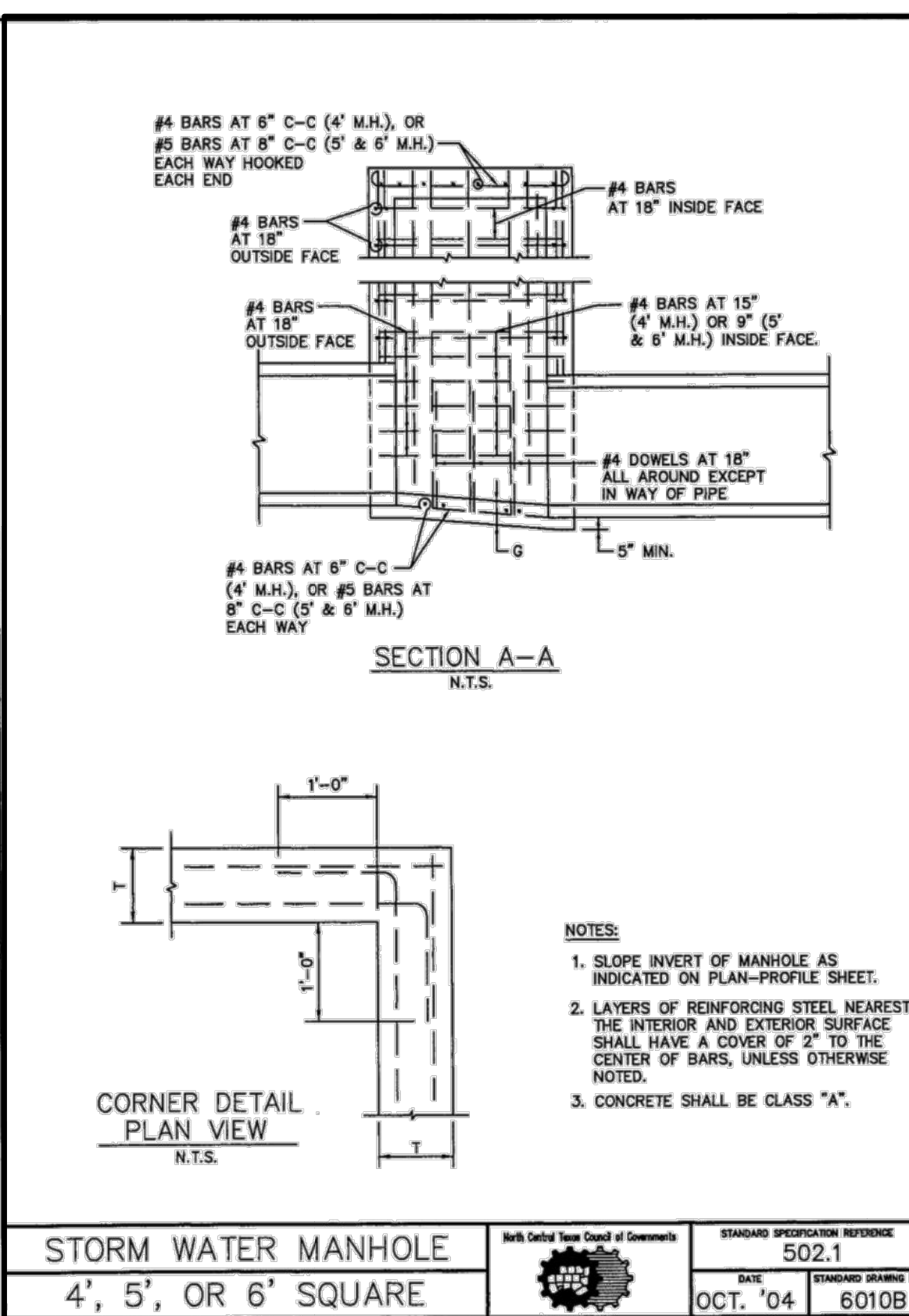
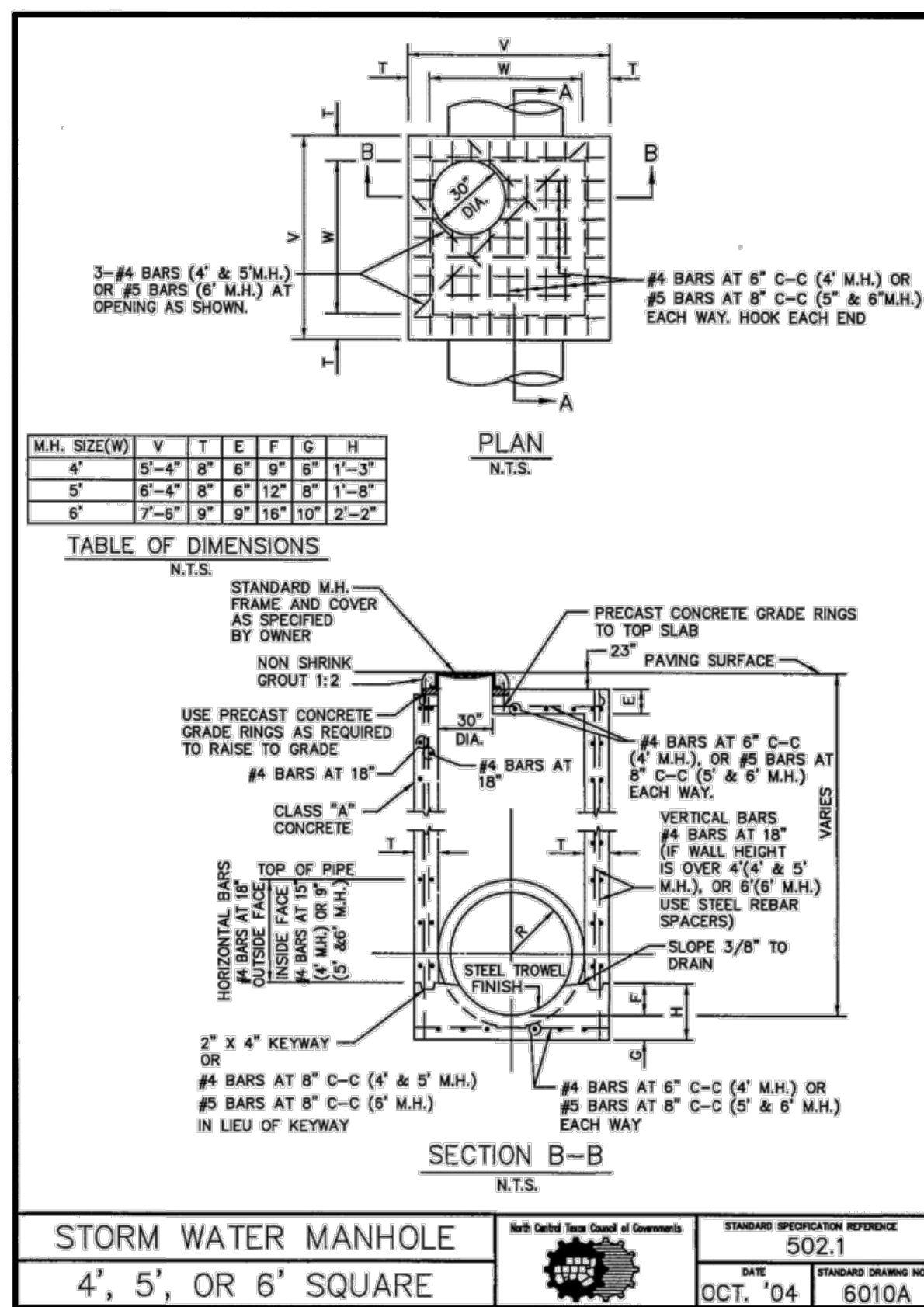
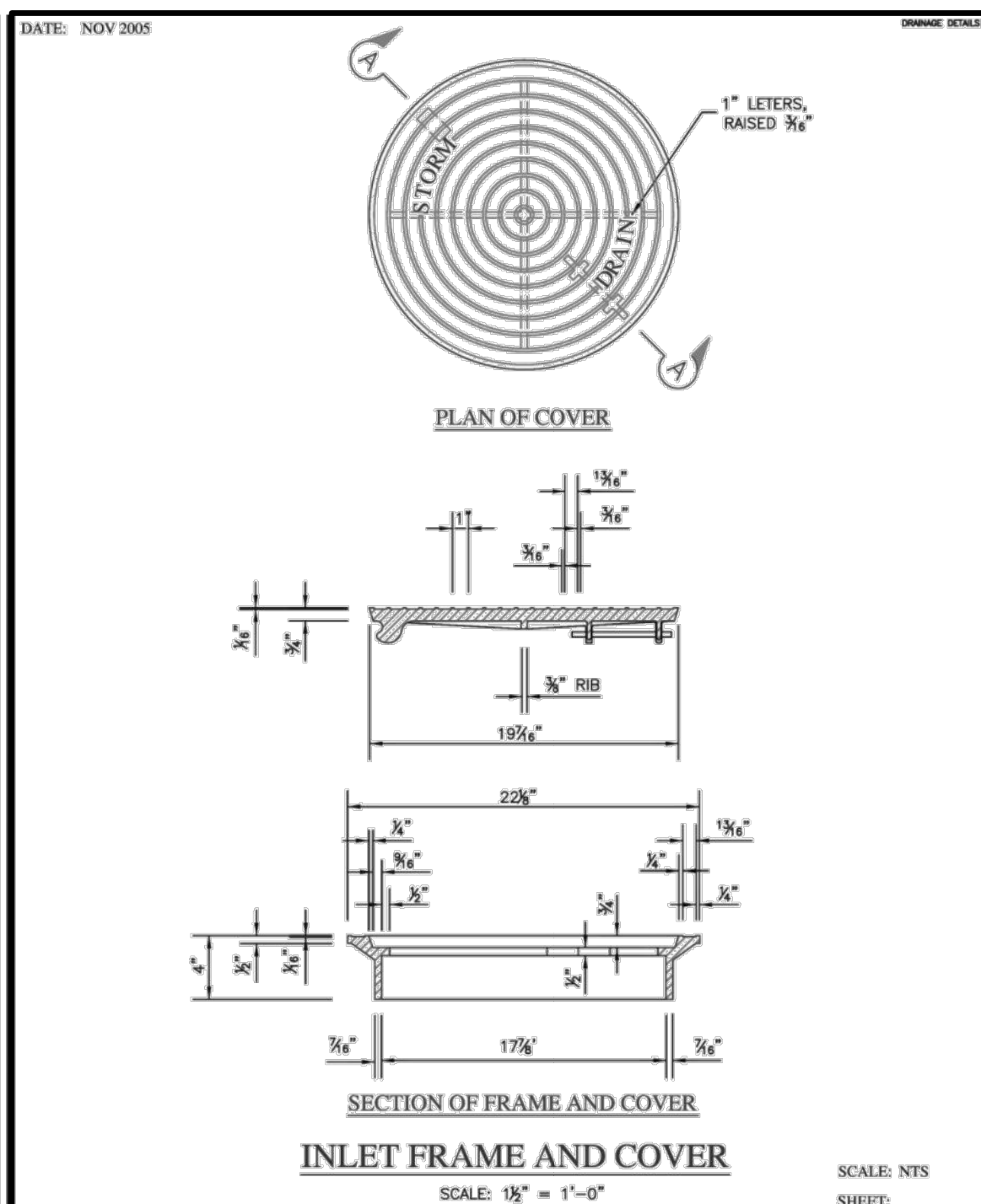
* SEE DIAGRAM FOR DIMENSIONS

TYPICAL BAR BENDING

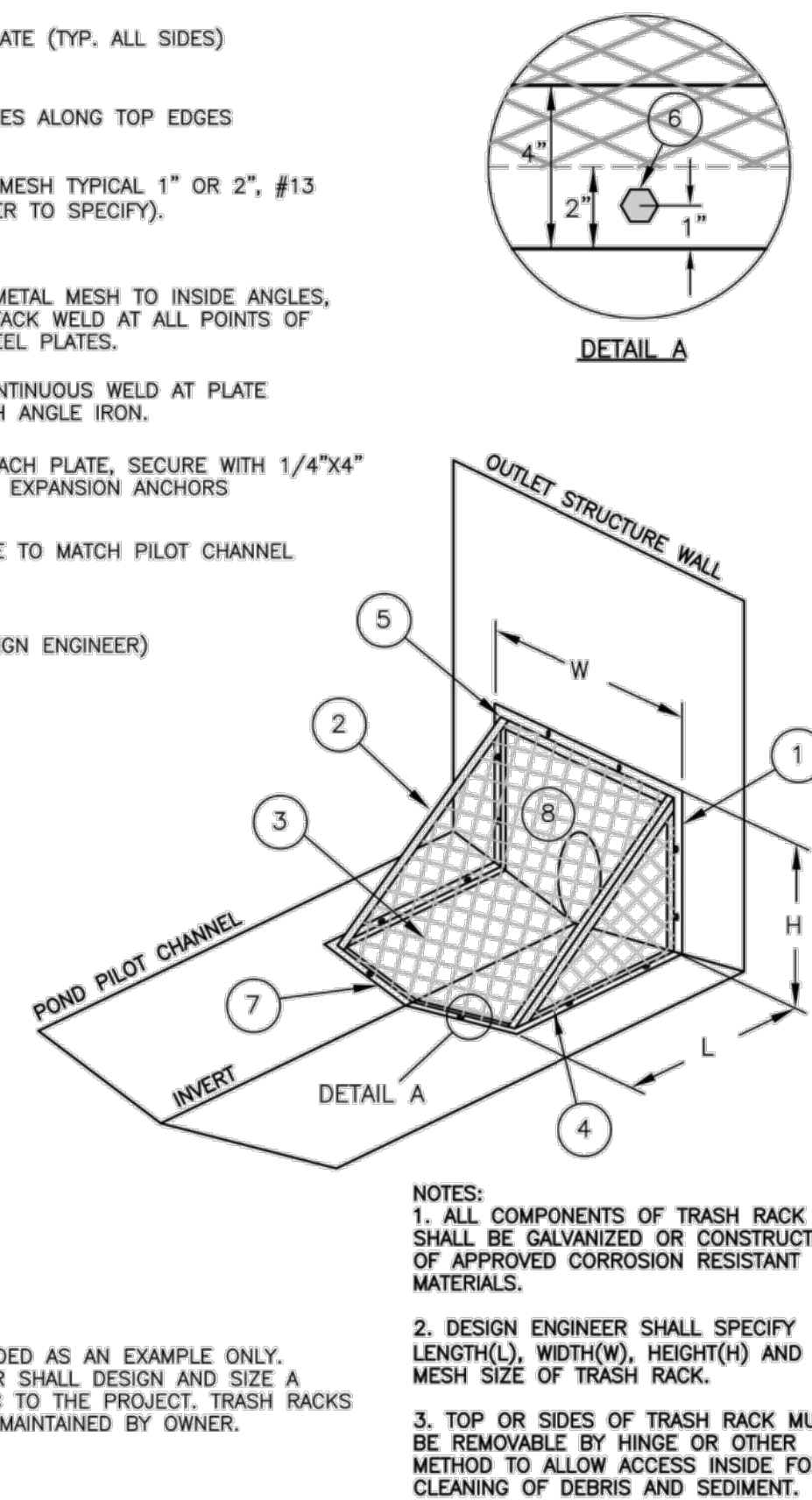
BAR H

REINFORCING DETAILS

SCALE: NTS
SHOWN



- 1 1/4"x4" STEEL PLATE (TYP. ALL SIDES)
- 2 1"x1" STEEL ANGLES ALONG TOP EDGES
- 3 EXPANDED METAL MESH TYPICAL 1" OR 2", #13 REGULAR (ENGINEER TO SPECIFY).
- 4 WELD EXPANDED METAL MESH TO INSIDE ANGLES, TOP AND SIDES, TACK WELD AT ALL POINTS OF CONTACT WITH STEEL PLATES.
- 5 PROVIDE FULL CONTINUOUS WELD AT PLATE CONNECTIONS WITH ANGLE IRON.
- 6 DRILL HOLES, 2 EACH PLATE, SECURE WITH 1/4"x4" GALVANIZED STEEL EXPANSION ANCHORS
- 7 BEND STEEL PLATE TO MATCH PILOT CHANNEL AS NEEDED
- 8 ORIFICE (PER DESIGN ENGINEER)



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL OF
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37"

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'

| OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT: | | |
|---|------|----------|
| NO. | DATE | REVISION |
| | | |
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

STORM DETAILS

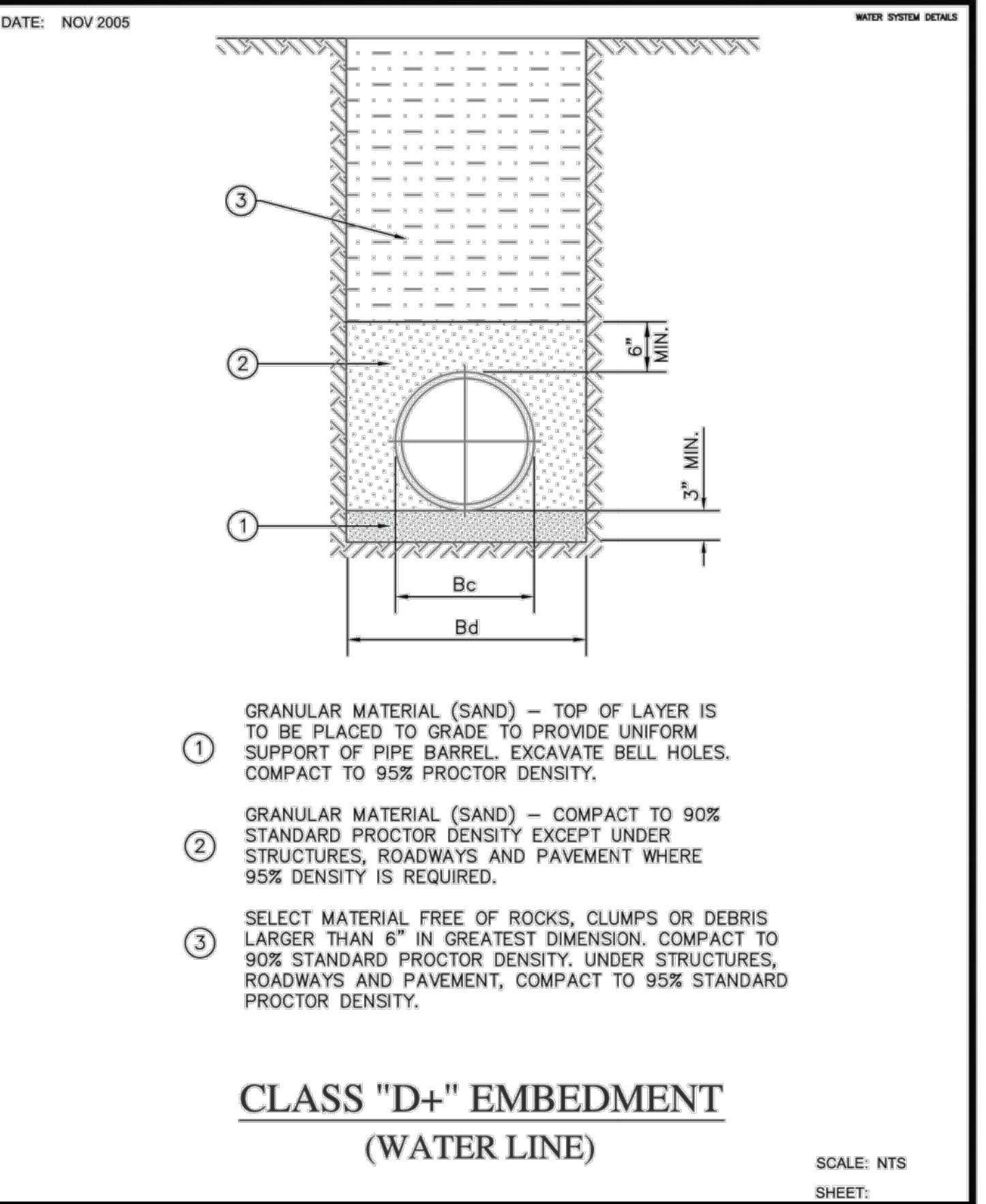
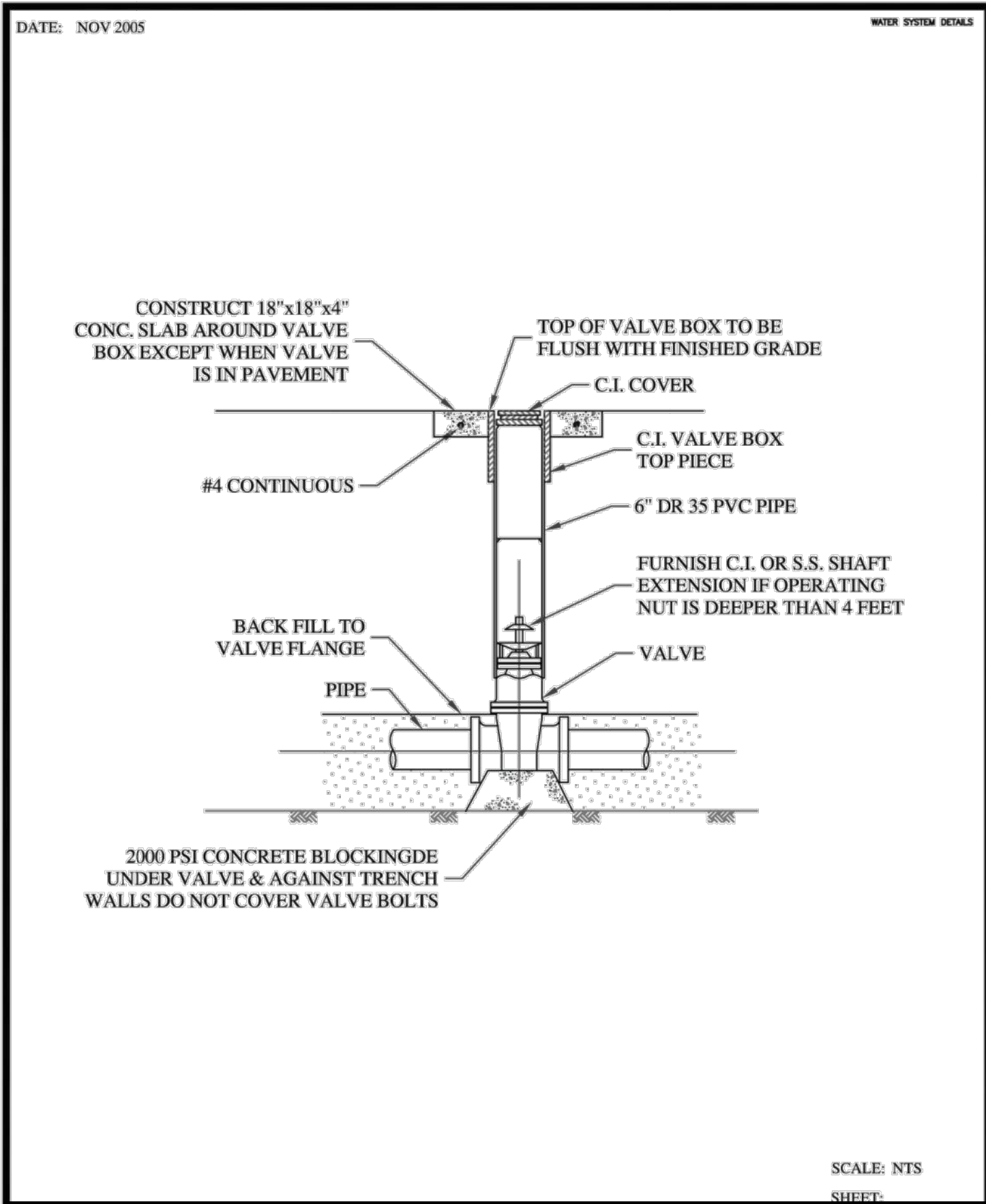
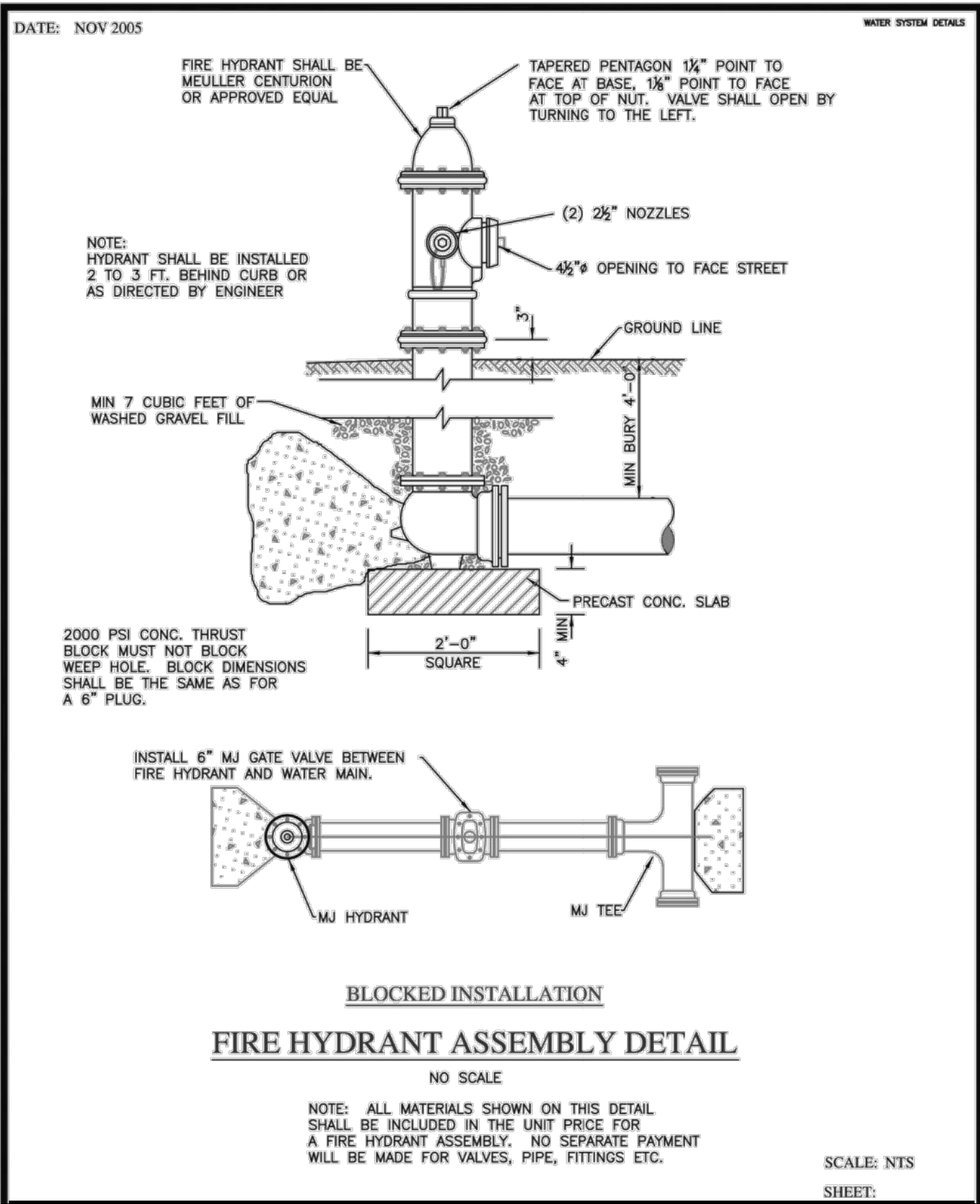
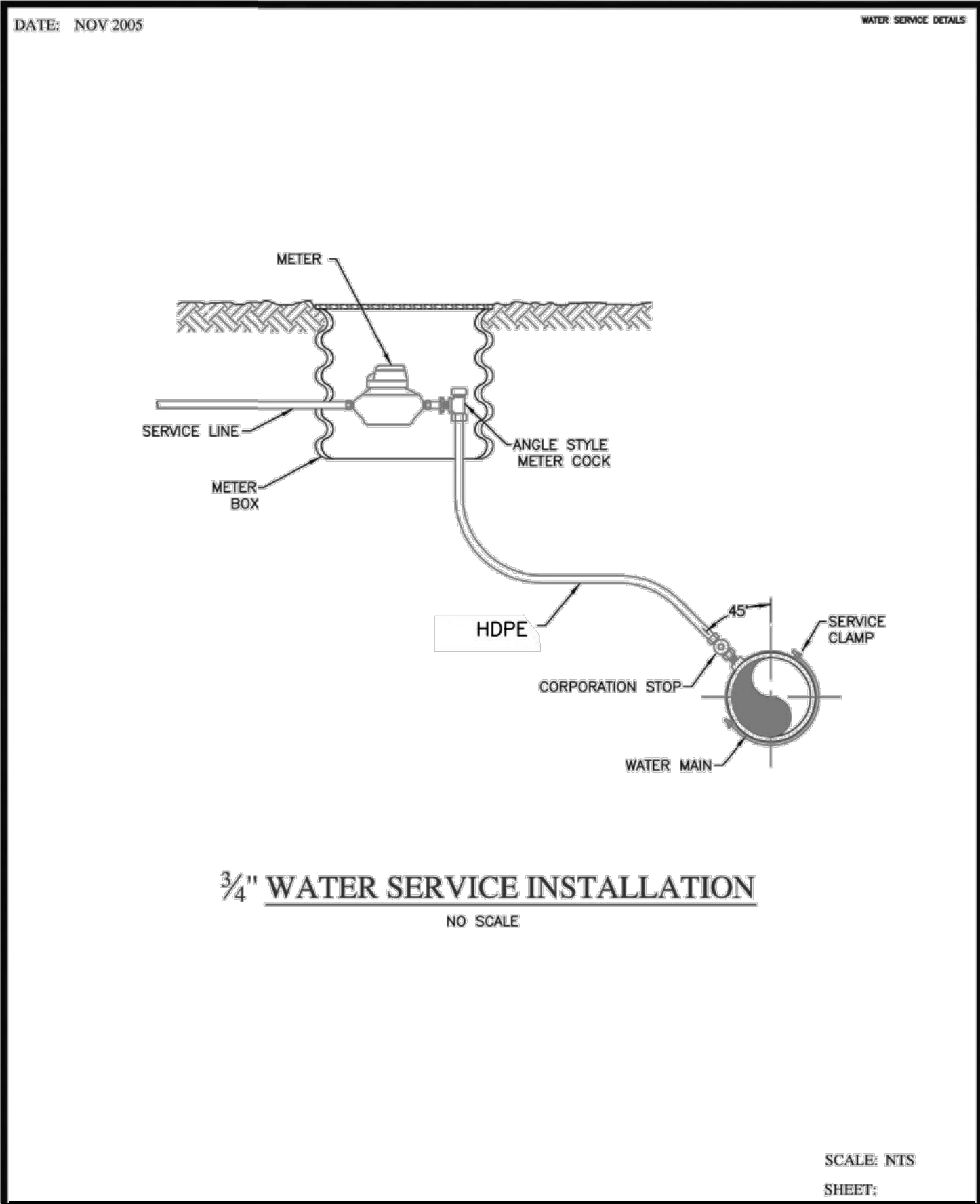
WESTON, COLLIN COUNTY, TEXAS



PELOTON
LAND SOLUTIONS

| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | DET |
| REVIEWER: JWP | | | |

Drawing: J:\Utilities\20001 - Venetian at Weston\Phase 1\CONCRETE\0001-C-DETAILS
Last Saved: 12/20/2001 1:30 PM
User: JWR
Plot Date/Time: 12/20/2001 3:45 PM



NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543. APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543. APPROXIMATELY 2,946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206 ELEVATION = 717.56'



PELOTON LAND SOLUTIONS
TEXAS FIRM NO. 12207
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAY W. REISSIG, P.E. # 84971. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

WATER DETAILS

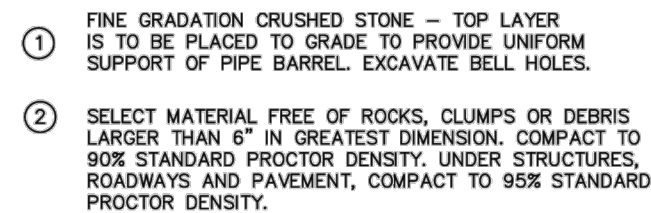
WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | DET |
| REVIEWER: JWR | | | |

SANITARY SEWER DETAILS



CLASS "B-2" EMBEDMENT
(ALL GRAVITY SEWERS)

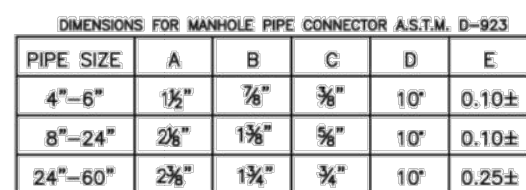
DATE: NOV 2005



DATE: NOV 2005



DATE: NOV 2009



MANHOLE PIPE CONNECTOR
(FOR ALL CAST-IN-PLACE MANHOLES)

SCALE: NTS
SHEET:

SANTARY SEWER DETAILS



DATE: NOV 2009


$$3/4^n = 1^i - 0^n$$

DATE: NOV 2005

ADJUSTABLE FRAME



FOR TYPE "S" MANHOLES
USE PRESSURE TYPE MANHO
FRAME AND COVER. DO NO
GRADE RINGS. SET ANCHOR
DIRECTLY IN MANHOLE CONE.



CLEANOUT FRAME/COVER DETAIL

SCALE: AS NOTED

BM #1 - "X" CUT ON HEADWALL ON
THE EAST SIDE OF FM 543,
APPROX. 62' SOUTH OF THE
CENTERLINE OF RIGSBY LANE
ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON
THE WEST SIDE OF FM 543,
APPROXIMATELY 2,946' NORTH OF
THE CENTERLINE OF CR 206
ELEVATION = 733.37'

BM #3- "X" CUT ON HEADWALL AT
THE SOUTHEAST CORNER OF THE
INTERSECTION OF FM 543 AND CR
206
ELEVATION = 717.56'

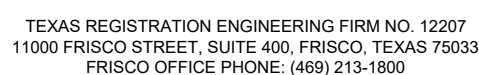
STATE OF TEXAS
JAY W. REISSIG
94971
LICENSED PROFESSIONAL ENGINEER
11/30/2020

PELTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

AL APPEARING ON THIS DOCUMENT WAS
RIZED BY JAY W. REISSIG, P.E. # 94971.
OF A SEALED DOCUMENT WITHOUT PROPER
ON TO THE RESPONSIBLE ENGINEER IS AN
DER THE TEXAS ENGINEERING PRACTICE ACT

SEWER DETAILS

WESTON, COLLIN COUNTY, TEXAS

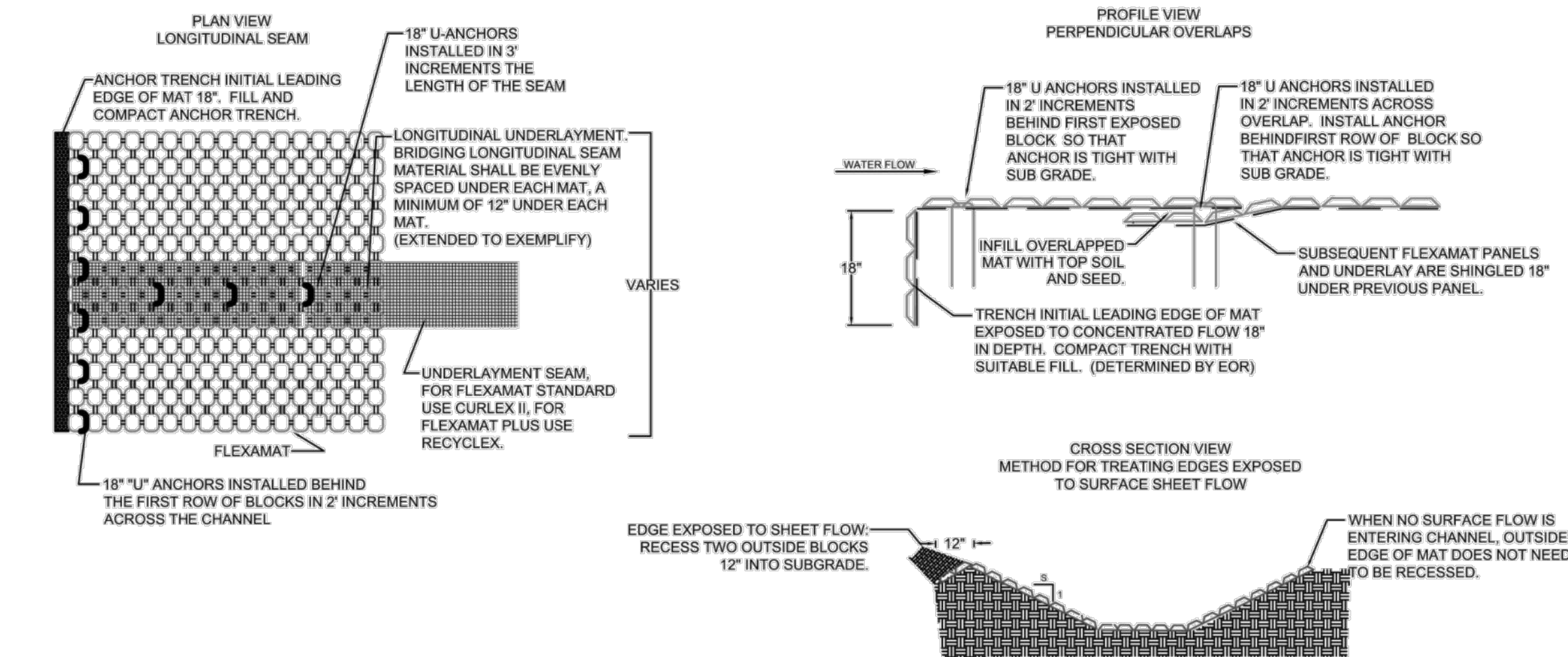


| | | | |
|---------------|------------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | DET |
| REVIEWER: JWR | | | |

NOTE: THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA:

| | |
|-----------------------|----------------|
| TEXAS 811 | 1-800-344-8377 |
| ATMOS GAS | 972-881-4161 |
| TXU ELECTRIC DELIVERY | 1-800-711-9112 |
| WESTON WATER SUPPLY | 972-382-2245 |
| NORTH COLLIN SUD | 972-837-2331 |

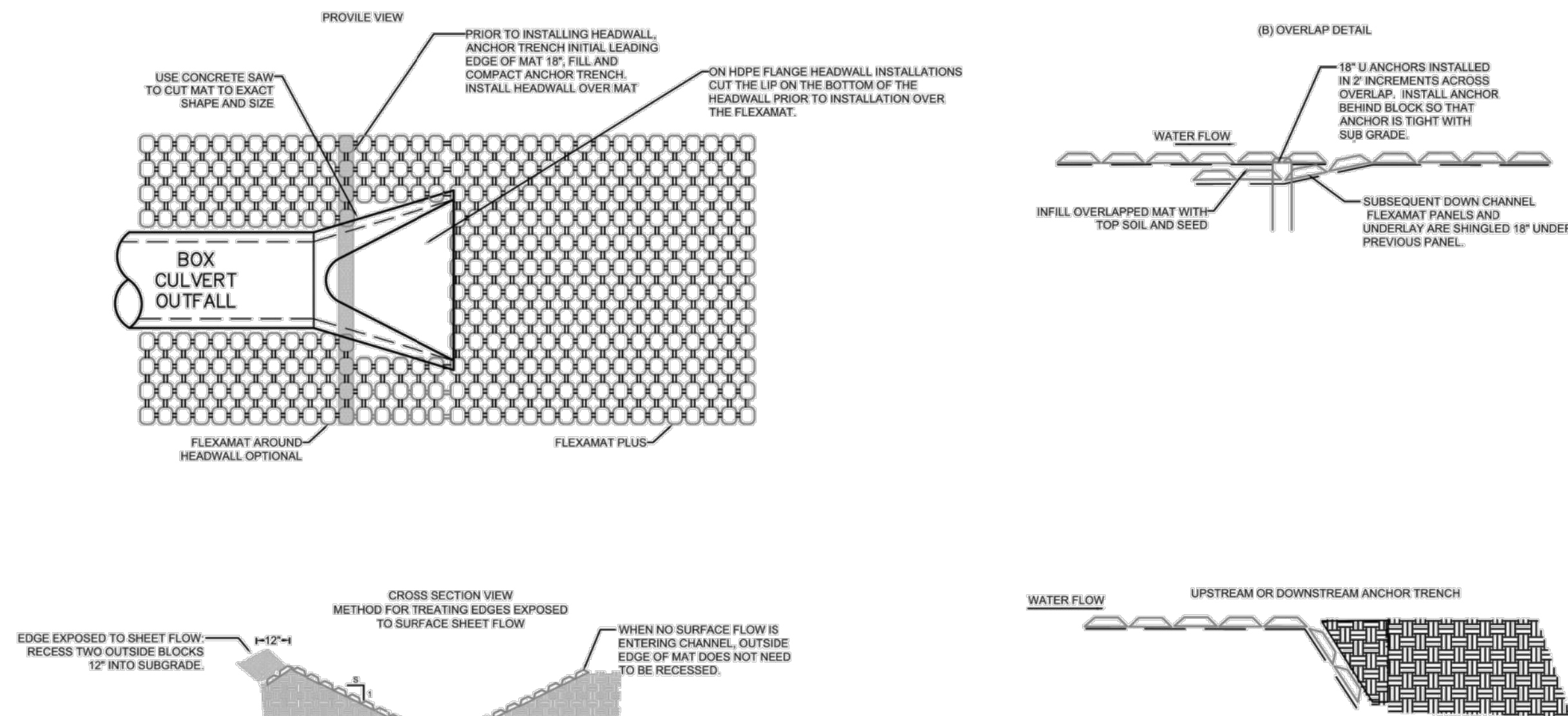
CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.



FLEXAMAT INFORMATION

Manufacturer: Motz Enterprises, Inc.
Product Name: Flexamat®
Address: 3153 Madison Road
Cincinnati, Ohio 45209
Telephone: 513-772-MOTZ (6689)
Fax: 513-772-6690
Email: Info@Flexamat.com
Website: www.Flexamat.com

FLEXAMAT® CHANNEL INSTALLATION DETAIL- WIDER THAN 16'



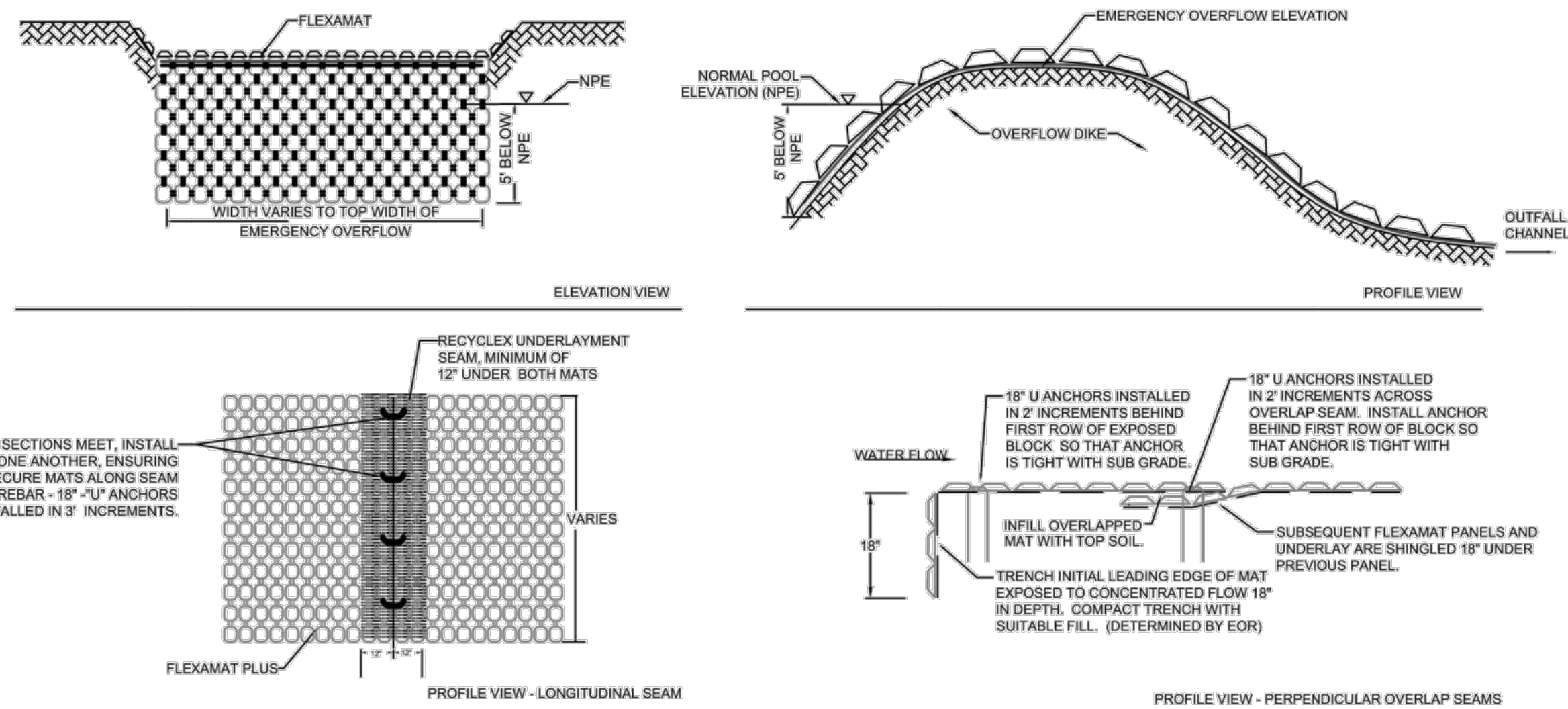
FLEXAMAT INFORMATION

Manufacturer: Motz Enterprises, Inc.
Product Name: Flexamat®
Address: 3153 Madison Road
Cincinnati, Ohio 45209
Telephone: 513-772-MOTZ (6689)
Fax: 513-772-6690
Email: Info@Flexamat.com
Website: www.Flexamat.com

CONSTRUCTION NOTES:

- GRADE CHANNEL SO THAT WATER WILL FLOW DOWN THE CENTER OF THE CHANNEL AND BE CONTAINED TO THE CHANNEL. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND. THE PREPARED SURFACE SHALL PROVIDE A FIRM UNYIELDING FOUNDATION FOR THE MATS.
- APPLY SEED DIRECTLY TO THE PREPARED SOIL PRIOR TO FLEXAMAT INSTALLATION. USE SEED PER PROJECT SPECIFICATIONS.
- INSTALL FLEXAMAT ROLLS. AVAILABLE WIDTHS ARE 4', 5.5', 8', 10', 12', & 16' AVAILABLE IN CUSTOM LENGTHS.
- AT THE BEGINNING OF CHANNEL, THE INITIAL LEADING EDGE OF FLEXAMAT EXPOSED TO CONCENTRATED FLOWS SHALL BE EMBEDDED 18" VERTICALLY INTO THE SUB GRADE TO SERVE AS AN ANCHOR TRENCH. THE TRENCH SHALL BE FILLED AND COMPACTED WITH SUITABLE FILL OR OTHER (AS SPECIFIED BY EOR).
- FOR ADDITIONAL SECTIONS OF MAT, OVERLAP THE DOWNSTREAM SECTION 18" WITH UPSTREAM SECTION OF MAT. PRIOR TO INSTALLING OVERLAP, FLIP UPSTREAM MAT BACK 24". EXCAVATE 2.25' OF SOIL 18" FROM END OF UPSTREAM MAT. DOWNSTREAM SECTION IS LAID IN THE SHALLOW TRENCH. LIGHTLY SPREAD TOPSOIL OVER INITIAL EDGE. FLIP END OF UPSTREAM MAT OVER THE SOIL COVERED INITIAL LEADING EDGE OF DOWNSTREAM MAT.
- INSTALL 18" U-ANCHORS IN 2' INCREMENTS ACROSS THE OVERLAP. INSTALL ANCHORS DIRECTLY BEHIND BLOCKS. 18" U-ANCHORS CONSIST OF #3 REBAR U-ANCHOR WITH 18" LEGS.
- AT THE END OF THE ARMORED CHANNEL, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH SOIL.

FLEXAMAT®
NEW OUTLET INSTALLATION DETAIL



FLEXAMAT® INFORMATION

Manufacturer: Motz Enterprises, Inc.
Product Name: Flexamat®
Address: 3153 Madison Road
Cincinnati, Ohio 45209
Telephone: 513-772-MOTZ (6689)
Fax: 513-772-6690
Email: Info@Flexamat.com
Website: www.Flexamat.com

CONSTRUCTION NOTES

- ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND. THE PREPARED SURFACE SHALL PROVIDE A FIRM UNYIELDING FOUNDATION FOR THE MATS WITH NO SHARP OR ABRUPT BREAKS IN THE GRADE.
- APPLY SEED DIRECTLY TO PREPARED SOIL PRIOR TO FLEXAMAT INSTALLATION. USE SEED PER PROJECT SPECIFICATIONS.
- INSTALL FLEXAMAT ROLLS. MAT SHALL EXTEND 5' BELOW NORMAL POND ELEVATION.
 - FOR WIDTHS WIDER THAN 16', INSTALL MATS ADJACENT TO ONE ANOTHER. BRIDGE LONGITUDINAL SEAM WITH RECYCLEX® UNDERLAYMENT. A MINIMUM OF 12" OF TRM SHALL BE UNDER EACH MAT AND DIRECTLY AGAINST THE SUBGRADE.
- FLIP FLEXAMAT SECTIONS BACK INTO PLACE SO THAT THEY FIT TIGHTLY.
 - SECURE SEAM BY INSTALLING 18" U-ANCHORS IN 3' INCREMENTS THE LENGTH OF THE LONGITUDINAL SEAM. U-ANCHORS CONSIST OF #3 REBAR, SHAPED INTO A U WITH 18" LEGS.
- IF ADDITIONAL SECTIONS ARE REQUIRED FOR LENGTH OF CHANNEL, OVERLAP THE DOWNSTREAM SECTION 18" WITH UPSTREAM SECTION OF MAT. PRIOR TO INSTALLING OVERLAP, FLIP UPSTREAM MAT BACK 24". EXCAVATE 2.25' OF SOIL 18" FROM END OF UPSTREAM MAT. DOWNSTREAM SECTION IS LAID IN THE SHALLOW TRENCH. LIGHTLY SPREAD TOPSOIL OVER INITIAL EDGE. FLIP END OF UPSTREAM MAT OVER THE SOIL COVERED INITIAL LEADING EDGE OF DOWNSTREAM MAT.
- INSTALL 18" U-ANCHORS IN 2' INCREMENTS ACROSS THE OVERLAP.
- AT THE END OF THE ARMORED CHANNEL, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH SUITABLE FILL.

FLEXAMAT® OVERFLOW
PLAN AND PROFILE DETAIL



BENCHMARKS

BM #1 - "X" CUT ON HEADWALL ON THE EAST SIDE OF FM 543. APPROX. 62' SOUTH OF THE CENTERLINE OF RIGSBY LANE ELEVATION = 745.65'

BM #2 - "X" CUT ON HEADWALL ON THE WEST SIDE OF FM 543. APPROXIMATELY 2.946' NORTH OF THE CENTERLINE OF CR 206 ELEVATION = 733.37'

BM #3 - "X" CUT ON HEADWALL AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 543 AND CR 206. ELEVATION = 717.56'

| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

VENETIAN AT WESTON, PHASE 1

FLEXAMAT DETAILS

WESTON, COLLIN COUNTY, TEXAS



TEXAS REGISTRATION ENGINEERING FIRM NO. 12207
11000 FRISCO STREET, SUITE 400, FRISCO, TEXAS 75033
FRISCO OFFICE PHONE: (469) 213-1800

| | | | |
|---------------|---------------|-----------|-------|
| DRAWN: MCM | DATE | PROJECT # | SHEET |
| DESIGNED: MCM | DECEMBER 2020 | LEN20001 | DET |
| REVIEWER: JWR | | | |