# CONSTRUCTION PLANS FOR

# HORIZON ROAD SELF STORAGE TRACT 22 & TRACT 23 OF RAINBOW ACRES

AN ADDITION TO THE CITY OF ROCKWALL ROCKWALL COUNTY, TEXAS

#### CONTACT INFORMATION:

Mayor: Jim Pruitt

City of Rockwall Engineer: Amy Williams, P.E., (972) 771-7746

Rick Crowley (972) 771-7746

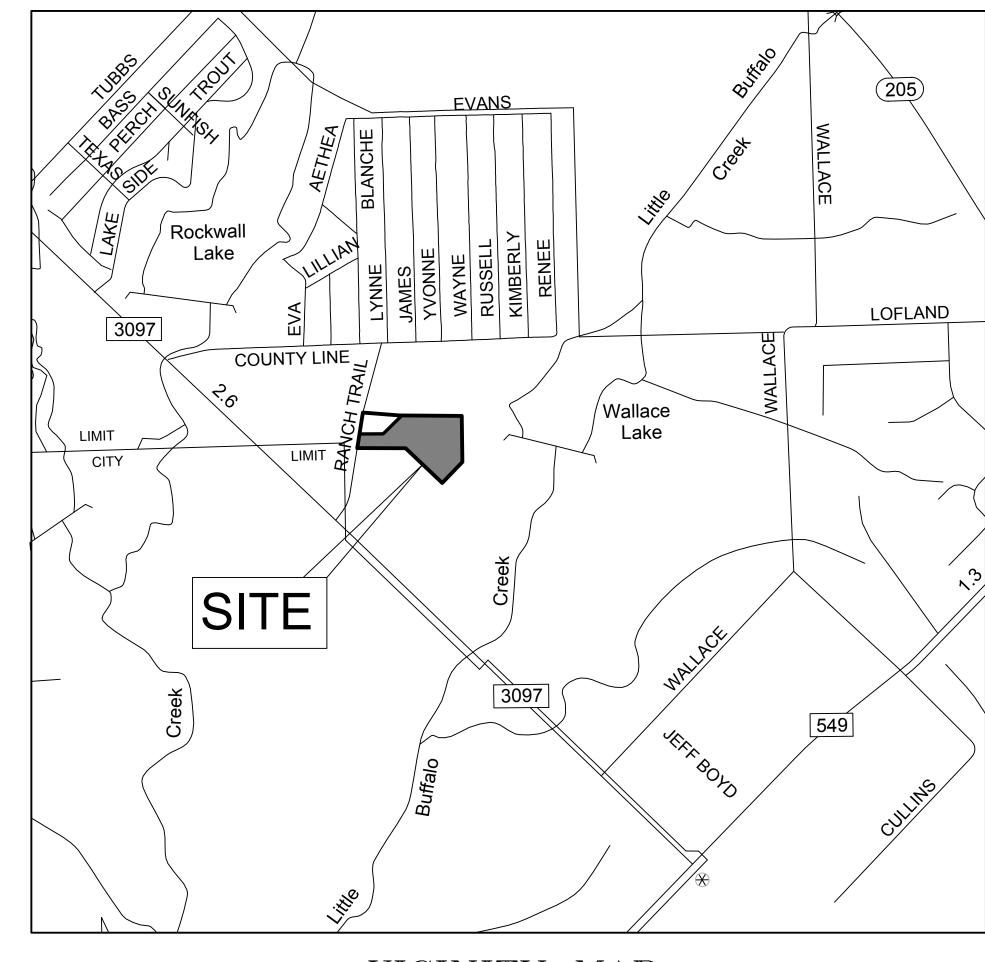
Public Services Coordinator: Elizabeth Morgan-(972) 771-7746

Rusty McDowell (972) 772-6748

## TXDOT CONTACT INFORMATION:

KAUFMAN AREA OFFICE - BRENDA CALLAWAY

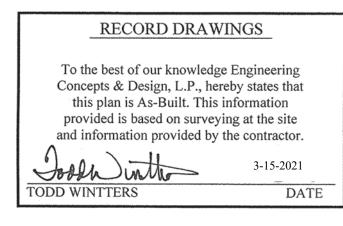
NUMBER - (972) 962-3617



VICINITY MAP N.T.S.

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"Case No. SP2019-027



CAUTION!

THE UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITY INFORMATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UTILITY COMPANIES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IN ORDER TO DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.



Owner/Applicant: HORIZON ROAD SELF STORAGE, LLC 5763 S. SH-205 SUITE 100 ROCKWALL, TX 75032

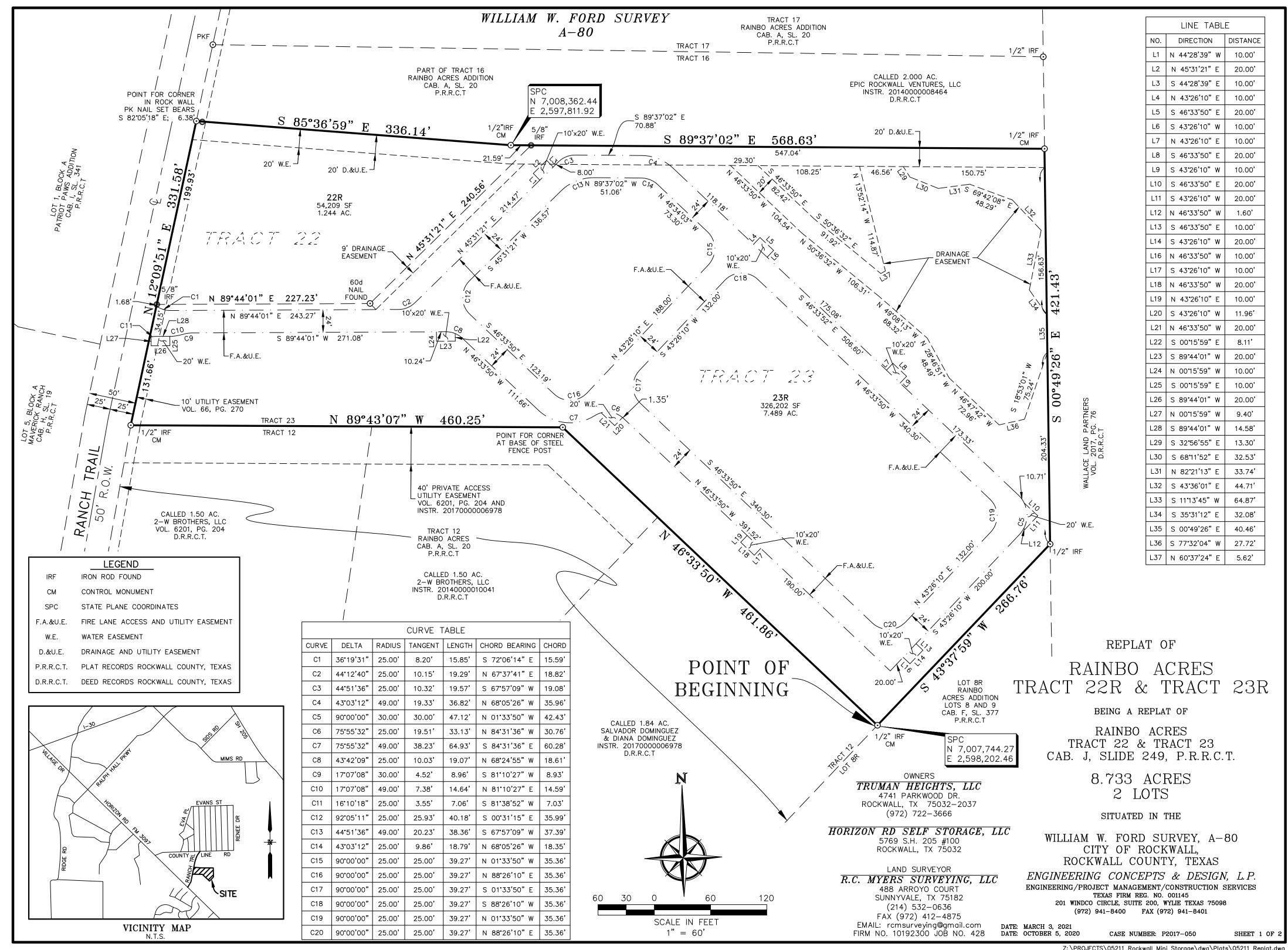


ENGINEERING / PROJECT MANAGEMENT CONSTRUCTION SERVICES - FIRM REG. #F-001145 201 WINDCO CIR, STE 200, WYLIE, TX 75098 972-941-8400 FAX: 972-941-8401 WWW.ECDLP.COM

REVISIONS:	
DATE: JAN. 07, 2020	
PROJECT NO.: 05211	
DWG FILE NAME: 01-COVER SHEET.DWG	

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF CONSTRUCTION.





#### SURVEYOR'S CERTIFICATE & DEDICATION

STATE OF TEXAS COUNTY OF ROCKWALL

WHEREAS TRUMAN HEIGHTS, LLC AND HORIZON RD SELF STORAGE, LLC, BEING THE OWNERS of 8.733 acres of land situated in the William W. Ford Survey, Abstract 80, City of Rockwall, Rockwall County, Texas, and being all of Tract 22 and Tract 23 of Rainbo Acres, Tracts 22 and 23, an addition to the City of Rockwall, Plat Record, Rockwall County, Texas (PRRCT), according to the plat thereof as recorded in Cabinet J, Slide 249, Plat Records of Rockwall County, Texas, and being more particularly described by metes and bounds as follows:

BEGINNING at a 1/2-inch iron rod found for corner at the most southern corner of said Tract 23, common to the most eastern corner of Tract 12 of Rainbo Acres, an addition to the City of Rockwall, Texas, according to the plat thereof as recorded in Cabinet A, Slide 20, PRRCT, and common to the northwest line of Lot 8R, Rainbo Acres, Addition according to the plat thereof, as recorded in Cabinet F, Slide 377, PRRCT;

THENCE North 46 degrees 33 minutes 50 seconds West, along the common lines of said Tract 12 and said Tract 23 and the northeast lines of a 1.84 acre and a 1.50 acre tract described as Instrument Numbers 2017000006978, Deed Records of Rockwall County, Texas (DRRCT) and 20140000010041, DRRCT, respectively, a distance of 461.86 feet to a point at an angle point at the base of a steel fence post;

THENCE North 89 degrees 43 minutes 07 seconds West, continuing along the common lines of said Tract 12 and Tract 23 and the north line of said 1.50 acre tract and another 1.50 acre tract described in a deed to 2-W Brothers LLC, recorded in Volume 6201, Page 204, DRRCT, a distance of 460.25 feet to a 1/2-inch iron rod found near the base of a steel fence post at the common west corner said Tract 12, Tract 23, and 2-W Brothers tracts, said point also being in the east right—of way line of Ranch Trail, a 50

THENCE North 12 degrees 09 minutes 51 seconds East, along the east right-of-way line of said Ranch Trail and the west line said of said Tract 23, passing a 5/8-inch iron rod found at the common west corner of said Tract 23 and said Tract 22, at a distance of 131.66, and continuing along the west line of said Tract 22, a total distance of 331.58 feet to a point for corner in a rock wall at the northwest corner of said Tract 22, common to the southwest corner of a called 2.00 acre tract described in a deed to Epic Rockwall Ventures LLC, recorded as Instrument Number 2014000008464, DRRCT, from which a PK nail set for reference bears South 82 degrees 05 minutes18 seconds East, a distance of 6.38 feet:

THENCE South 85 degrees 36 minutes 59 seconds East, along the common line of said Tract 22 and last mentioned 2.00 acre tract, and near the south side of a rock wall, a distance of 336.14 feet to a 1/2-iron rod found at an angle point in said common line. near the end of said rock wall;

THENCE South 89 degrees 37 minutes 02 seconds East, continuing along the common line of said Tract 22, Tract 23 and said 2.00 acre tract, a distance of 568.63 feet to a 1/2-inch iron rod found at the common east corner thereof;

THENCE South 00 degrees 49 minutes 26 seconds East, along the east line of said Tract 23, a distance of 421.43 feet to a 1/2-inch iron rod found at the north corner of the above mentioned Lot 8R, Rainbo Acres Addition;

THENCE South 43 degrees 37 minutes 59 seconds West, along the common line of said Tract 23 and said Lot 8R, a distance of 266.76 feet to the POINT OF BEGINNING and containing 8.733 acres or 380,411 square feet of land.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

STATE OF TEXAS

COUNTY OF ROCKWALL

We, the undersigned owners of the land shown on this replat, and designated herein as a RAINBO ACRES, TRACT 22R & TRACT 23R, an addition to the City of Rockwall, Texas, and whose name is subscribed hereto, hereby dedicate to the use of the public forever all streets, alleys, parks, water courses, drains, easements and public places thereon shown on the purpose and consideration therein expressed. Wel further certify that all other parties who have a mortgage or lien interest in RAINBO ACRES, TRACT 22R & TRACT 23R. have been notified and signed this plat.

We understand and do hereby reserve the easement strips shown on this plat for the purposes stated and for the mutual use and accommodation of all utilities desiring to use or using same. We also understand the following;

- No buildings shall be constructed or placed upon, over, or across the utility easements as described herein.
- 2. Any public utility shall have the right to remove and keep removed all or part of any buildings, fences, trees, shrubs, or other growths or improvements which in any way endanger or interfere with construction, maintenance or efficiency of their respective system on any of these easement strips; and any public utility shall at all times have the right of ingress or egress to, from and upon the said easement strips for purpose of construction, reconstruction, inspecting, patrolling, maintaining, and either adding to or removing all or part of their respective system without the necessity of, at any time, procuring the permission of anyone.
- The City of Rockwall will not be responsible for any claims of any nature resulting from or occasioned by the establishment of grade of streets in the subdivision.
- 4. The developer and subdivision engineer shall bear total responsibility for storm drain
- 5. The developer shall be responsible for the necessary facilities to provide drainage patterns and drainage controls such that properties within the drainage area are not adversely affected by storm drainage from the development.
- 6. No house dwelling unit, or other structure shall be constructed on any lot in this addition by the owner or any other person until the developer and/or owner has complied with all requirements of the Subdivision Regulations of the City of Rockwall regarding improvements with respect to the entire block on the street or streets on which property abuts, including the actual installation of streets with the required base and paving, curb and gutter, water and sewer, drainage structures, storm structures, storm sewers, and alleys, all according to the specifications of the City of
- 7. Property owner shall be responsible for maintaining, repairing, and replacing all systems within the drainage and detention easements.

Until an escrow deposit, sufficient to pay for the cost of such improvements, as determined by the city's engineer and/or city administrator, computed on a private commercial rate basis, has been made with the city secretary, accompanied by an agreement signed by the developer and/or owner, authorizing the city to make such improvements at prevailing private commercial rates, or have the same made by a contractor and pay for the same out of the escrow deposit, should the developer and/or owner fail or refuse to install the required improvements within the time stated in such written agreement, but in no case shall the City be obligated to make such improvements itself. Such deposit may be used by the owner and/or developer as progress payments as the work progresses in making such improvements by making certified requisitions to the city secretary, supported by evidence of work done; or

Until the developer and/or owner files a corporate surety bond with the city secretary in a sum equal to the cost of such improvements for the designated area, guaranteeing the installation thereof within the time stated in the bond, which time shall be fixed by the city council of the City of Rockwall.

We further acknowledge that the dedications and/or exaction's made herein are proportional to the impact of the Subdivision upon the public services required in order that the development will comport with the present and future growth needs of the City; We, our successors and assigns hereby waive any claim, damage, or cause of action that we may have as a result of the dedication of exactions made herein.

FOR:	TRUMAN	HEIGHTS,	LLC

BY:			
Name:			
Title			

FOR: HORIZON ROAD SELF STORAGE, LLC

BY:			
Name:			
Title			

STATE OF TEXAS COUNTY OF \_\_\_\_\_

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_\_ known to me to be the persons whose names are subscribed to the foregoing instrument. and acknowledged to me that they executed the same for the purpose and consideration therein stated.

Given under my hand and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2021.

Notary Public in and for the State of Texas My Commission Expires:

STATE OF	TEXAS
COUNTY O	F

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purpose and consideration

Given under my hand and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2021.

Notary Public in and for the State of Texas My Commission Expires:

#### GENERAL NOTES:

- 1. Basis of Bearings = State Plane Coordinate System, Texas North Central Zone 4202, North American Datum of 1983. Adjustment Realization (CORS2011). Fixed to City of Rockwall Monument #5
- 2. According to my interpretations of the Rockwall County, Texas and Incorporated Areas, Flood Insurance Rate Map, Map Number 4839C0040L, dated September 26, 2008, as published by the Federal Emergency Management Agency. The subject property lies within flood Zone "X" and is not shown to be within a Special Flood Hazard Area. This statement does not imply that the property and/or structures thereon will be free from flooding or flood damage. On rare occasions, greater floods can and will occur and flood heights may be increased by man-made or natural causes. This statement shall not create liability on the part of the surveyor.
- 3. Surveyor has made no investigation or independent search for easements of record, restrictive covenants, ownership, title evidence or any other facts that an abstract of title would disclose.
- 4. It shall be the policy of the City of Rockwall to withhold issuing building permits until all streets, water, sewer and storm drainage systems have been accepted by the City. The approval of a plat by the City does not constitute any representation, assurance or guarantee that any building within such plat shall be approved, authorized or permit therefore issued, nor shall such approval constitute any representation, assurance or guarantee by the City of the adequacy and availability for water for personal use and fire protection within such plat, as required under Ordinance 83-54.
- 5. Property owners shall be responsible for all maintenance, repair, and reconstruction of all systems within drainage and detention easements on site.

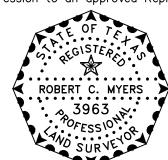
#### SURVEYOR'S CERTIFICATE

NOW, THEREFORE KNOW ALL MEN BY THESE PRESENTS:

That I, Robert C. Myers, do hereby certify that this plat was prepared under my supervision, from an actual and accurate survey of the land, and that the corner monuments shown thereon were properly placed under my personal supervision.

GIVEN UNDER MY SEAL OF OFFICE THIS THE \_\_\_ DAY OF \_\_\_\_\_, 2021. 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. This replat is released on 11/13/2019 for review by the City Rockwall and other parties for comments and progression to an approved Replat.

ROBERT C. MYERS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF TEXAS NO. 3963



STATE OF TEXAS COUNTY OF COLLIN

OWNERS

TRUMAN HEIGHTS, LLC

4741 PARKWOOD DR.

ROCKWALL, TX 75032-2037

(972) 722-3666

HORIZON RD SELF STORAGE, LLC 5769 S.H. 205 #100

ROCKWALL, TX 75032

LAND SURVEYOR

R.C. MYERS SURVEYING, LLC

488 ARROYO COURT

SUNNYVALE, TX 75182

(214) 532-0636

FAX (972) 412-4875 EMAIL: rcmsurveying@gmail.com FIRM NO. 10192300 JOB NO. 428

BEFORE ME, the undersigned authority, on this date personally appeared Robert C. Myers, 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 the purposes and consideration therein stated.

GIVEN UNDER MY SEAL OF OFFICE THIS THE \_\_\_ DAY OF \_\_\_\_\_, 2021.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS MY COMMISSION EXPIRES:

	RECOM	MENDED FOR FINAL	APPROVAL
Planning	and Zoning (	Commission, Chairman	 Date
		APPROVED	
TRACT 2	2R & TRACT	Council of the City of Ro	replat of RAINBO ACRES, City of Rockwall, Texas, was ockwall on the day of
recorded	l in the office		ved plat for such addition is Rockwall, County, Texas, withi of final approval.
	OUD HANDS	this day of	

REPLAT OF

RAINBO ACRES TRACT 22R & TRACT 23R

BEING A REPLAT OF

RAINBO ACRES TRACT 22 & TRACT 23 CAB. J, SLIDE 249, P.R.R.C.T.

> 8.733 ACRES 2 LOTS

SITUATED IN THE

WILLIAM W. FORD SURVEY, A-80 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

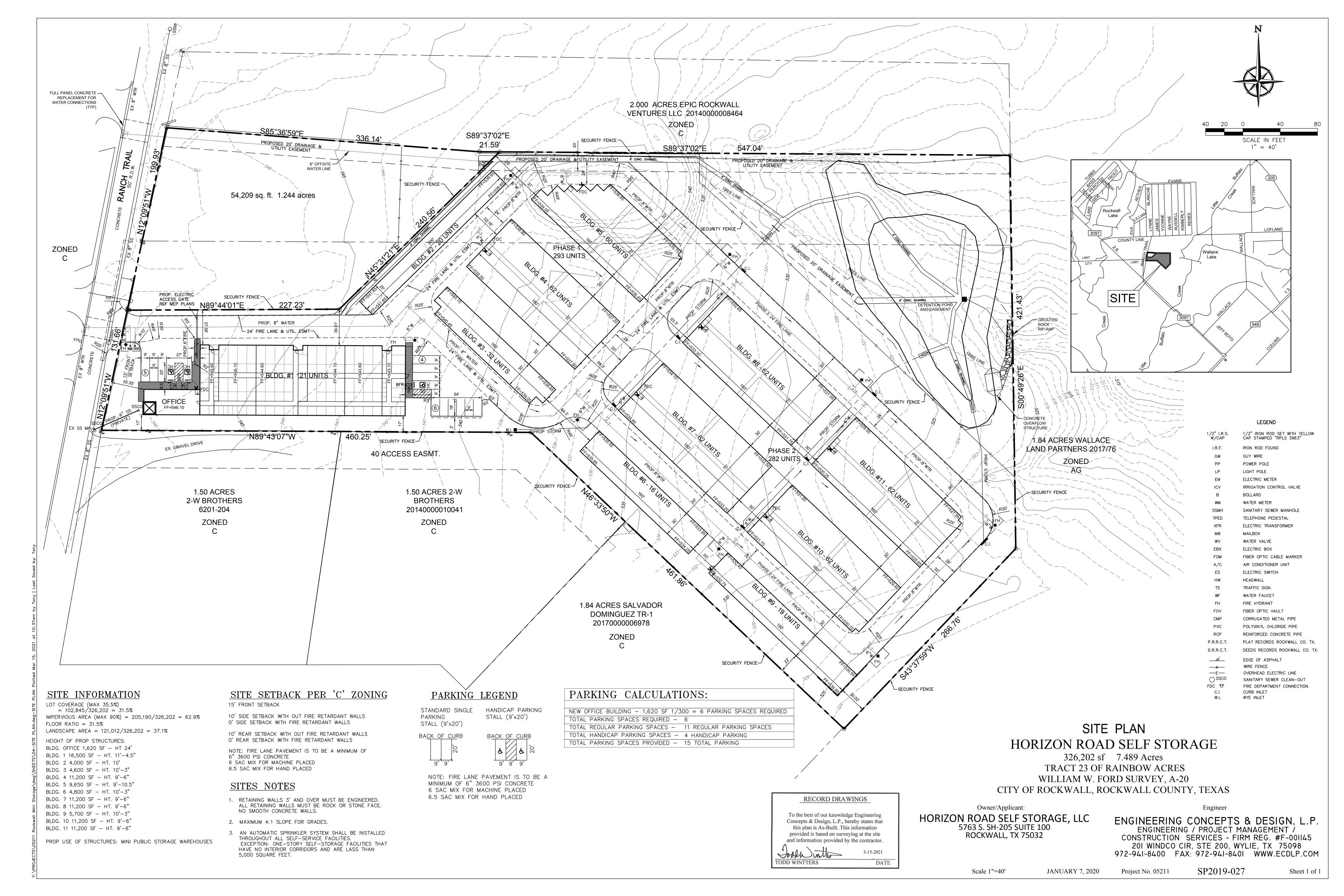
ENGINEERING CONCEPTS & DESIGN, L.P. ENGINEERING/PROJECT MANAGEMENT/CONSTRUCTION SERVICES

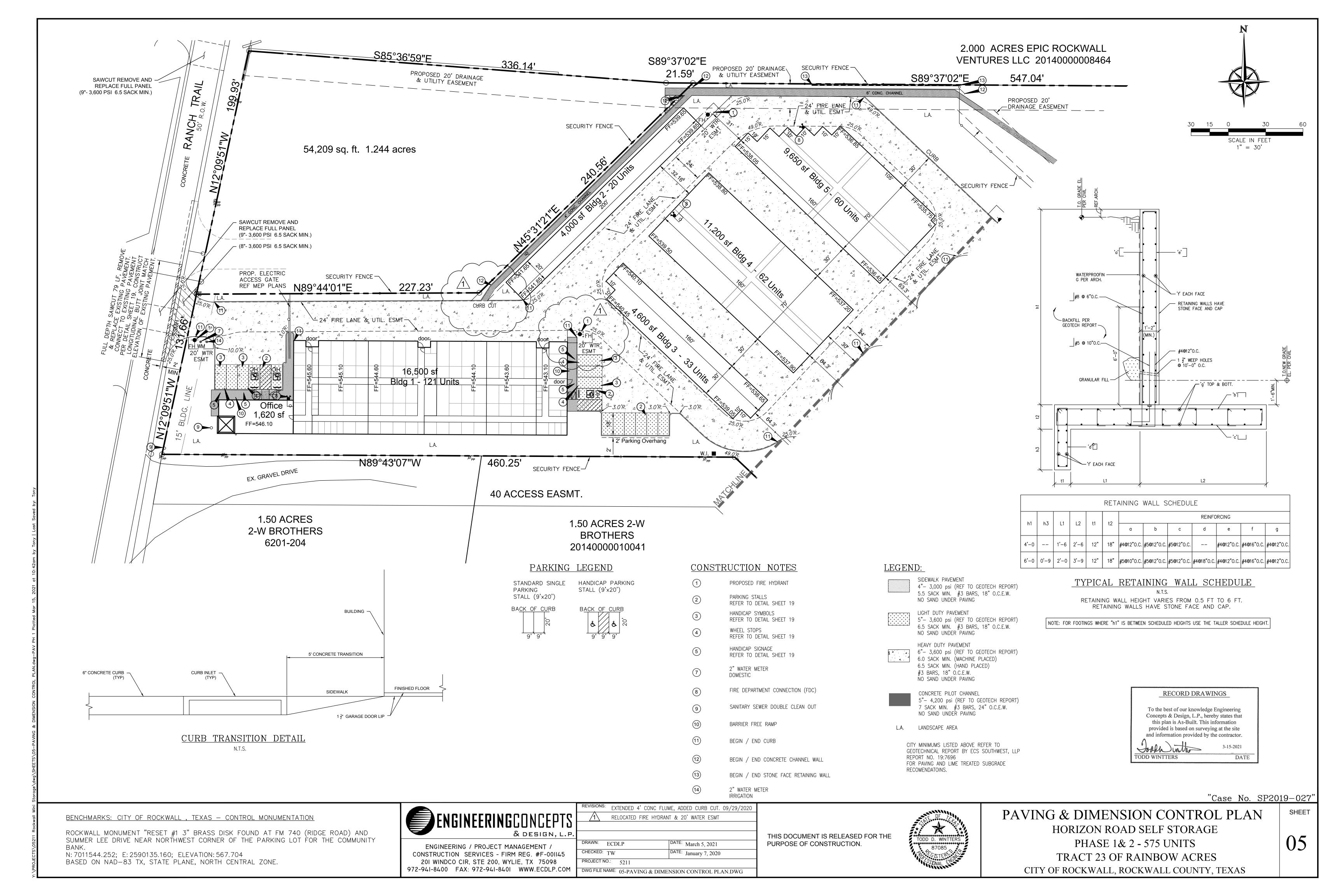
TEXAS FIRM REG. NO. 001145 201 WINDCO CIRCLE, SUITE 200, WYLIE TEXAS 75098 (972) 941-8400 FAX (972) 941-8401

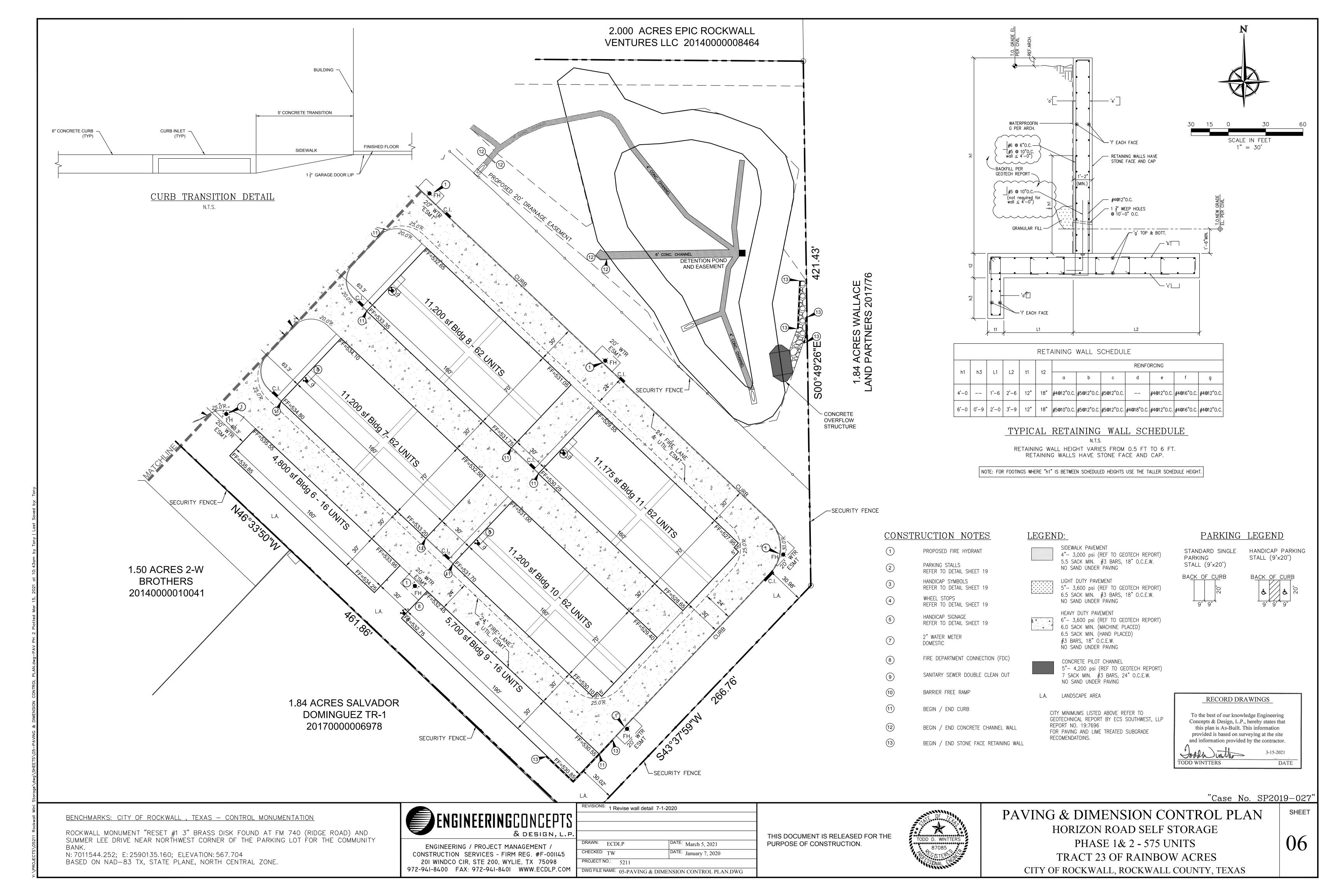
DATE: MARCH 3, 2021 DATE: OCTOBER 5, 2020

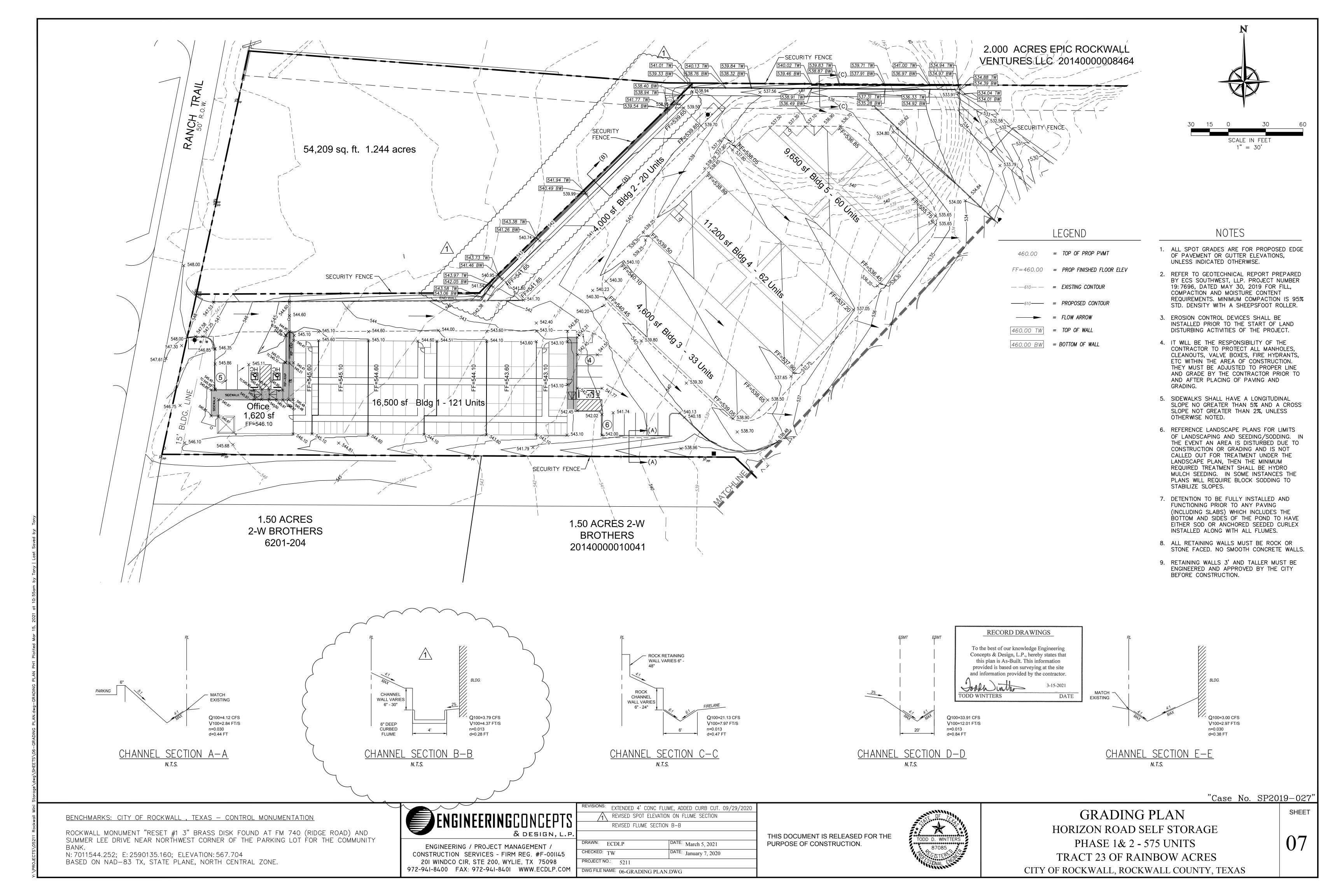
CASE NUMBER: P2017-050

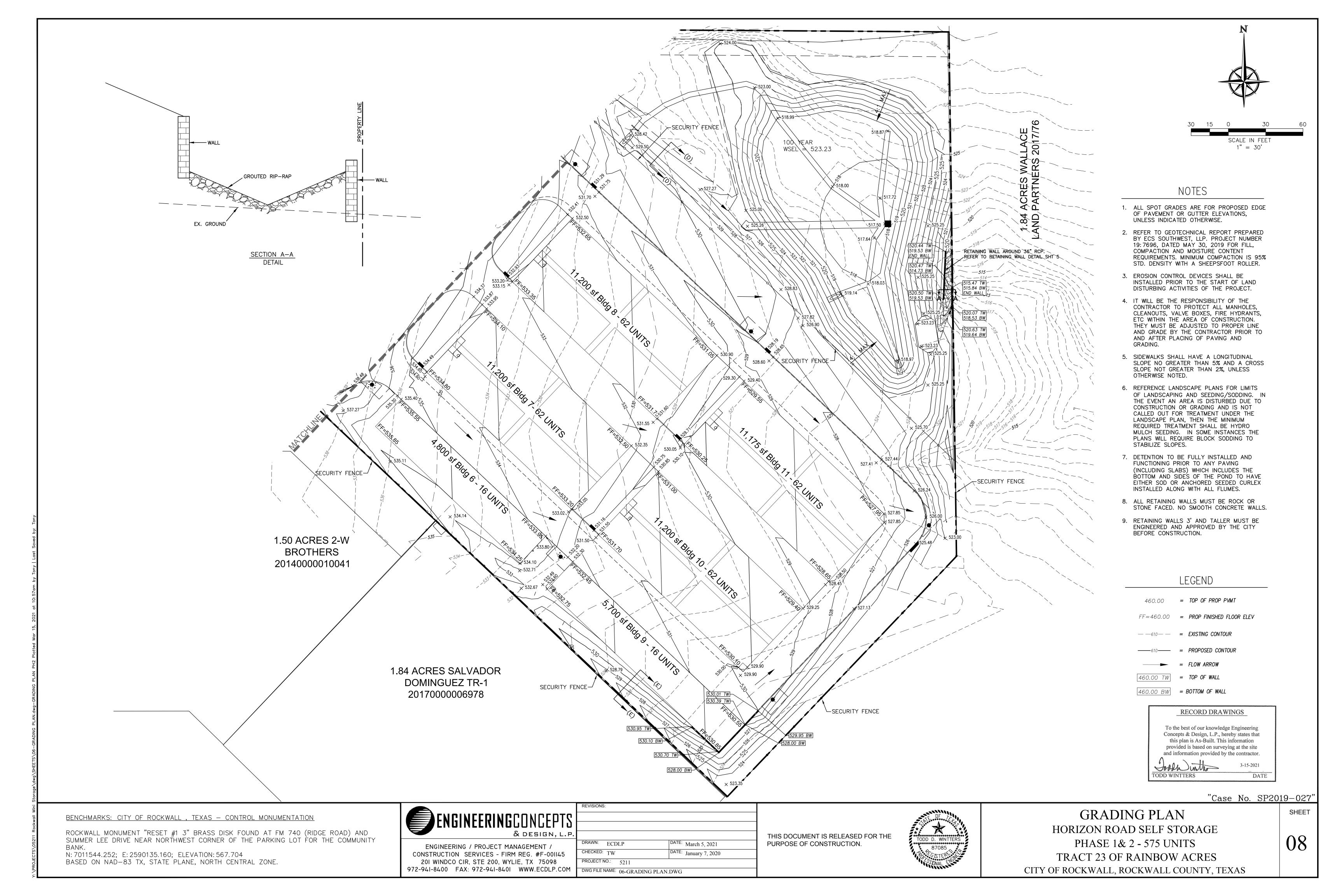
SHEET 2 OF 2

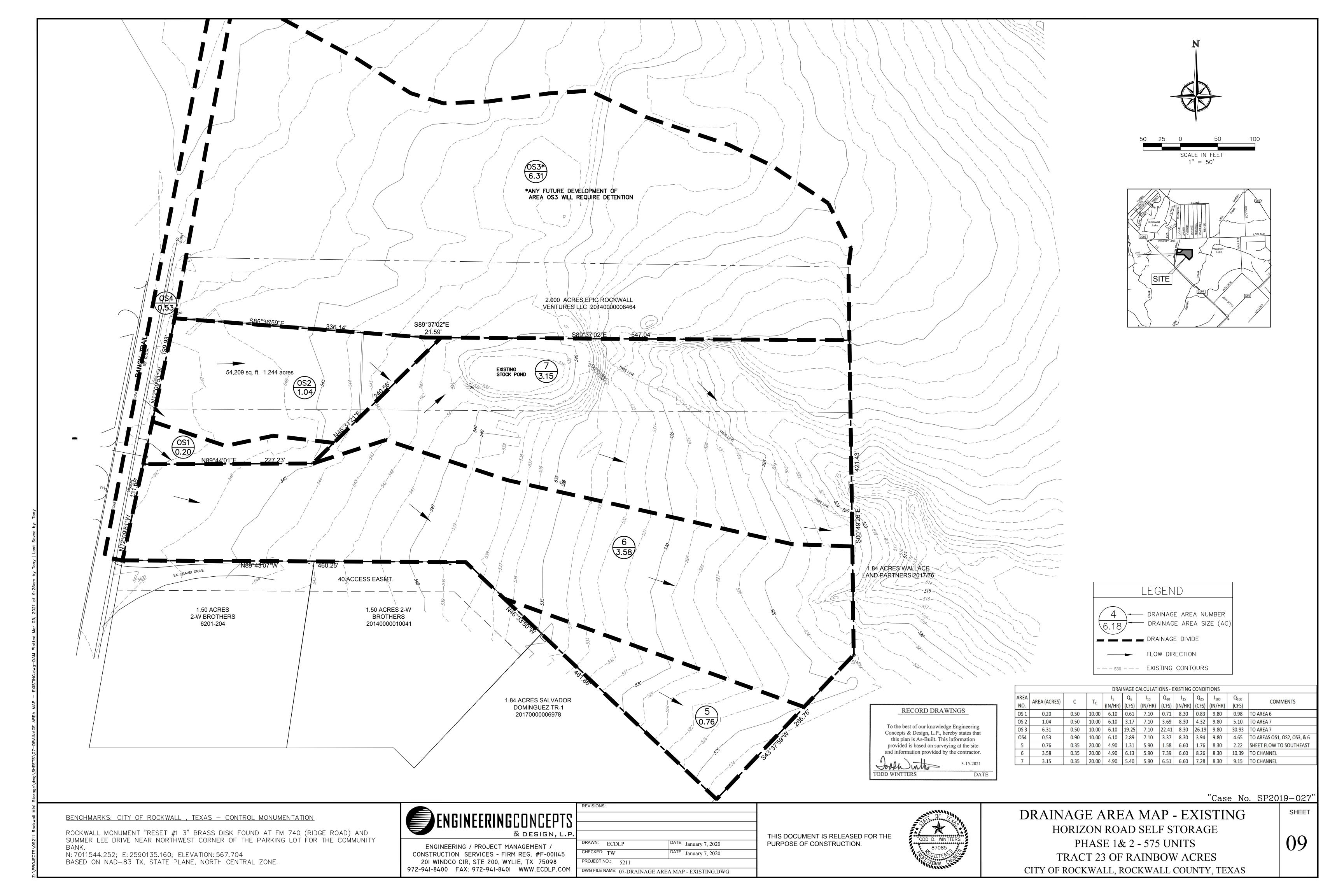


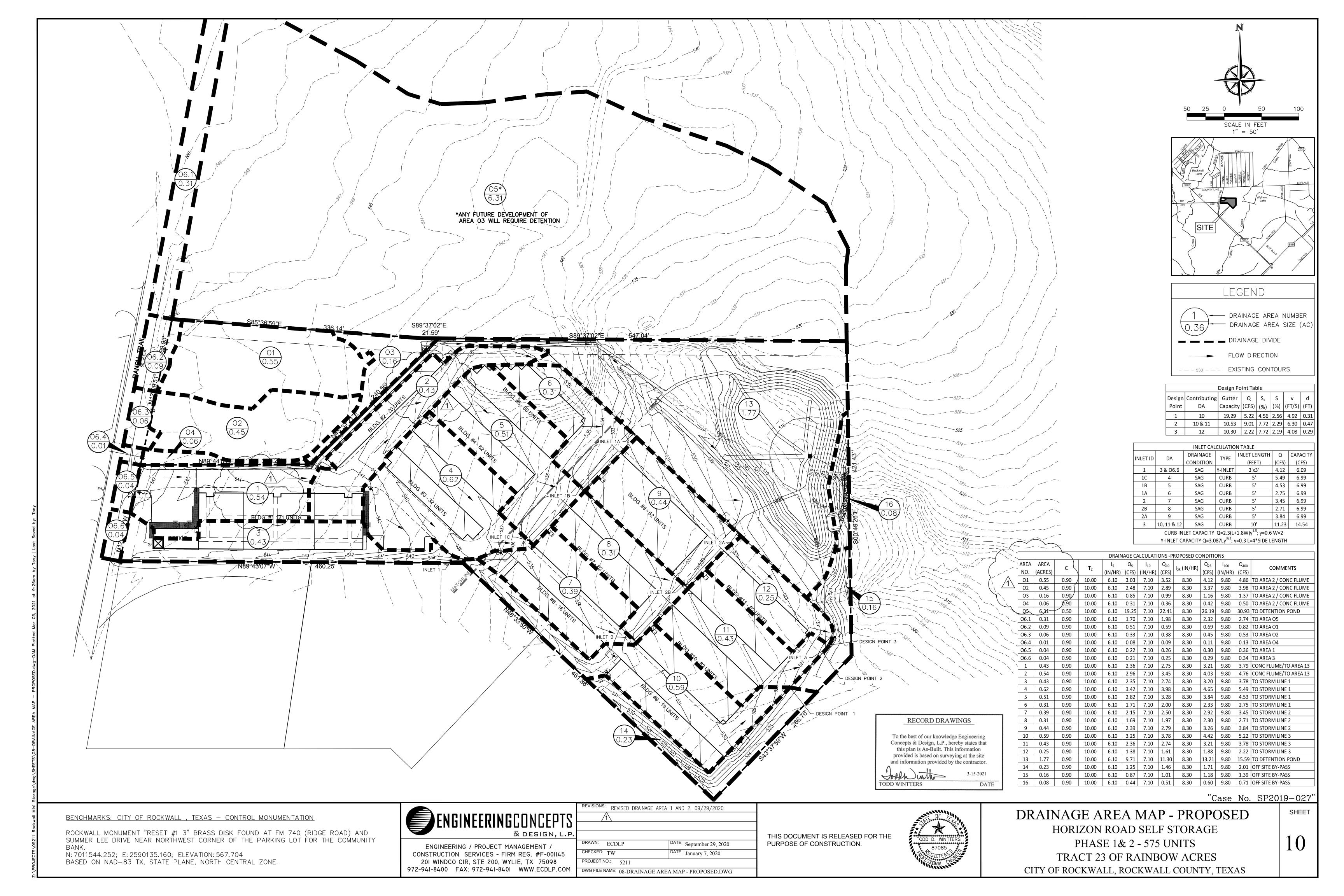


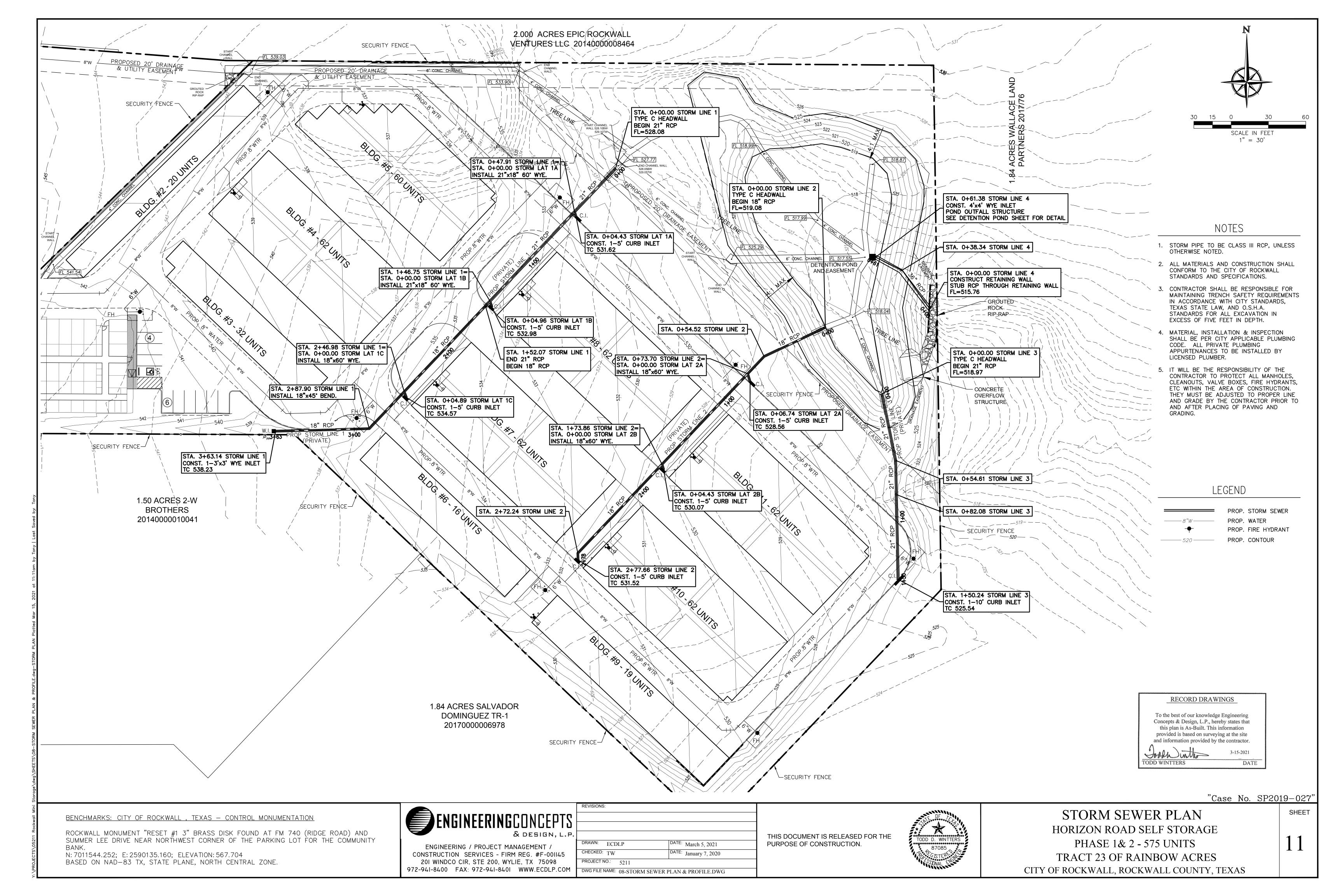


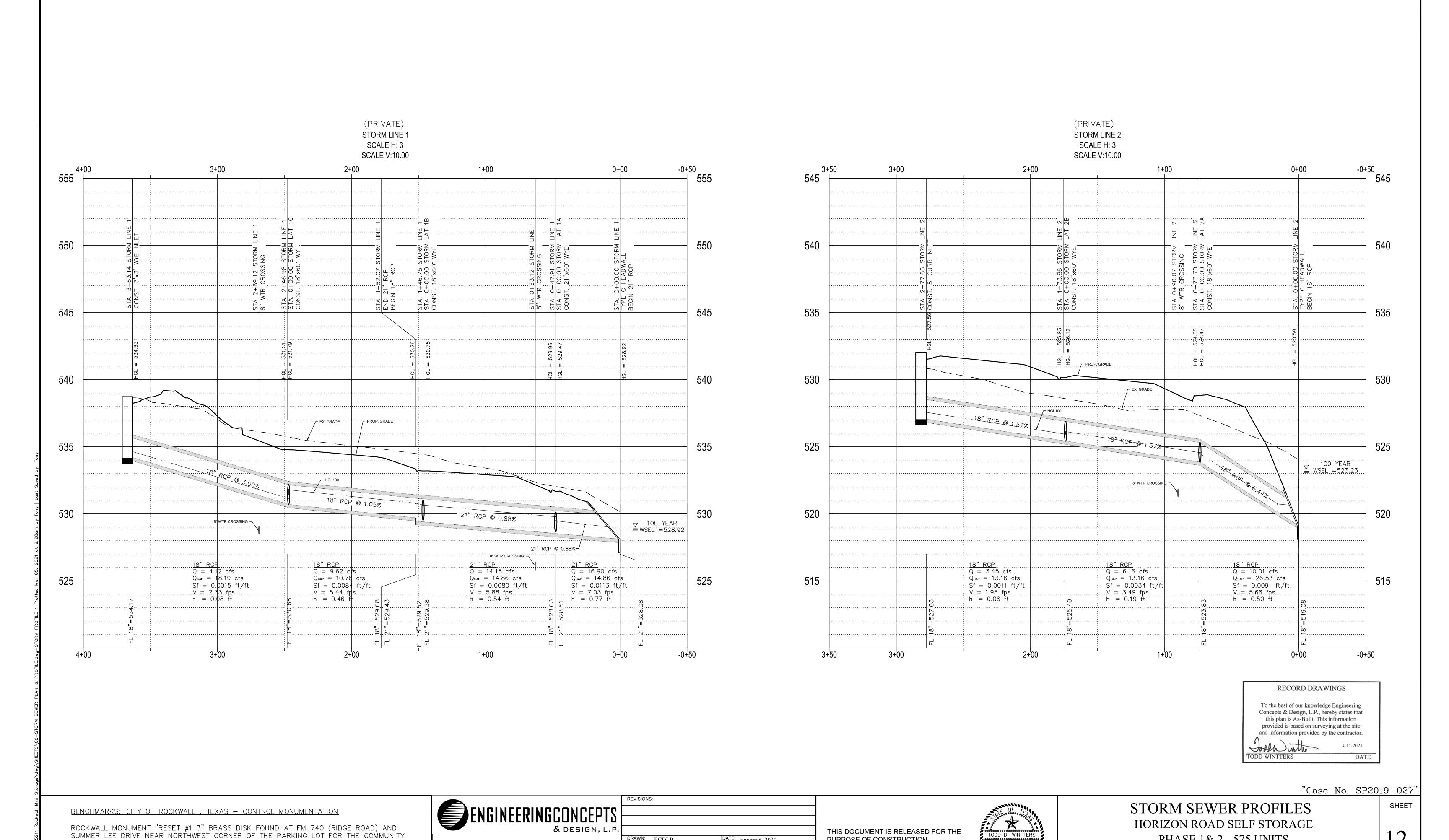












DRAWN: ECDLP

PROJECT NO.: 5211

DWG FILE NAME: 08-STORM SEWER PLAN & PROFILE.DWG

CHECKED: TW

ENGINEERING / PROJECT MANAGEMENT /

CONSTRUCTION SERVICES - FIRM REG. #F-001145

201 WINDCO CIR, STE 200, WYLIE, TX 75098

972-941-8400 FAX: 972-941-8401 WWW.ECDLP.COM

N: 7011544.252; E: 2590135.160; ELEVATION: 567.704

BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.

DATE: January 6, 2020

DATE: January 7, 2020

THIS DOCUMENT IS RELEASED FOR THE

PURPOSE OF CONSTRUCTION.

TODD D. WINTTERS

ى 87085 م

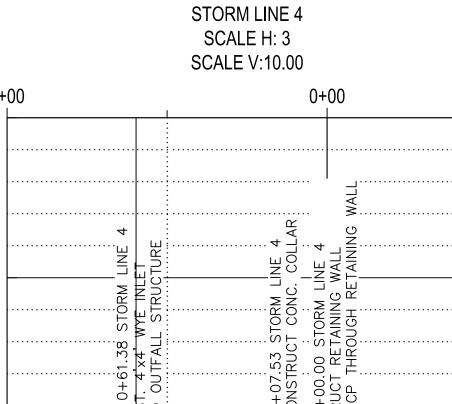
PHASE 1& 2 - 575 UNITS

TRACT 23 OF RAINBOW ACRES

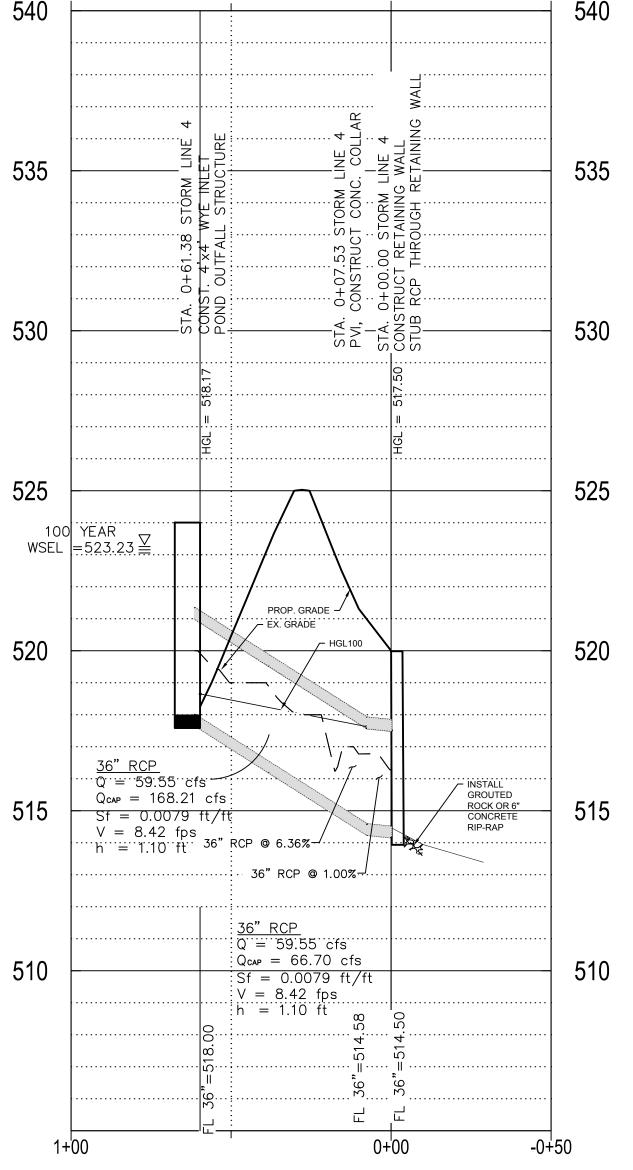
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

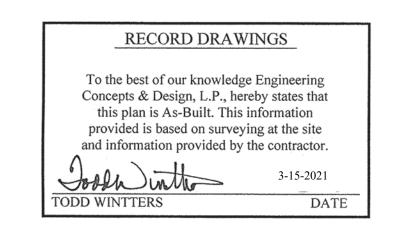
STORM LINE 3 SCALE H: 3 SCALE V:10.00 2+00 0+00 540 535 530 - PROP. GRADE 525 - 21" RCP @ 0.50%— 21" RCP @ 2.80%— 515 21" RCP Q = 11.23 cfs QCAP = 26.51 cfs Sf = 0.0050 ft/ft V. = 4.67 fps. h = 0.34 ft 21" RCP Q = 11.23 cfs Qcap = 11.20 cfs Sf = 0.0050 ft/ft V = 4.67.fps... h = 0.34 ft 510 510 0+00 2+00 1+00 -0+50

(PRIVATE)



(PRIVATE)





"Case No. SP2019-027"

BENCHMARKS: CITY OF ROCKWALL, TEXAS - CONTROL MONUMENTATION

ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY

N: 7011544.252; E: 2590135.160; ELEVATION: 567.704 BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.



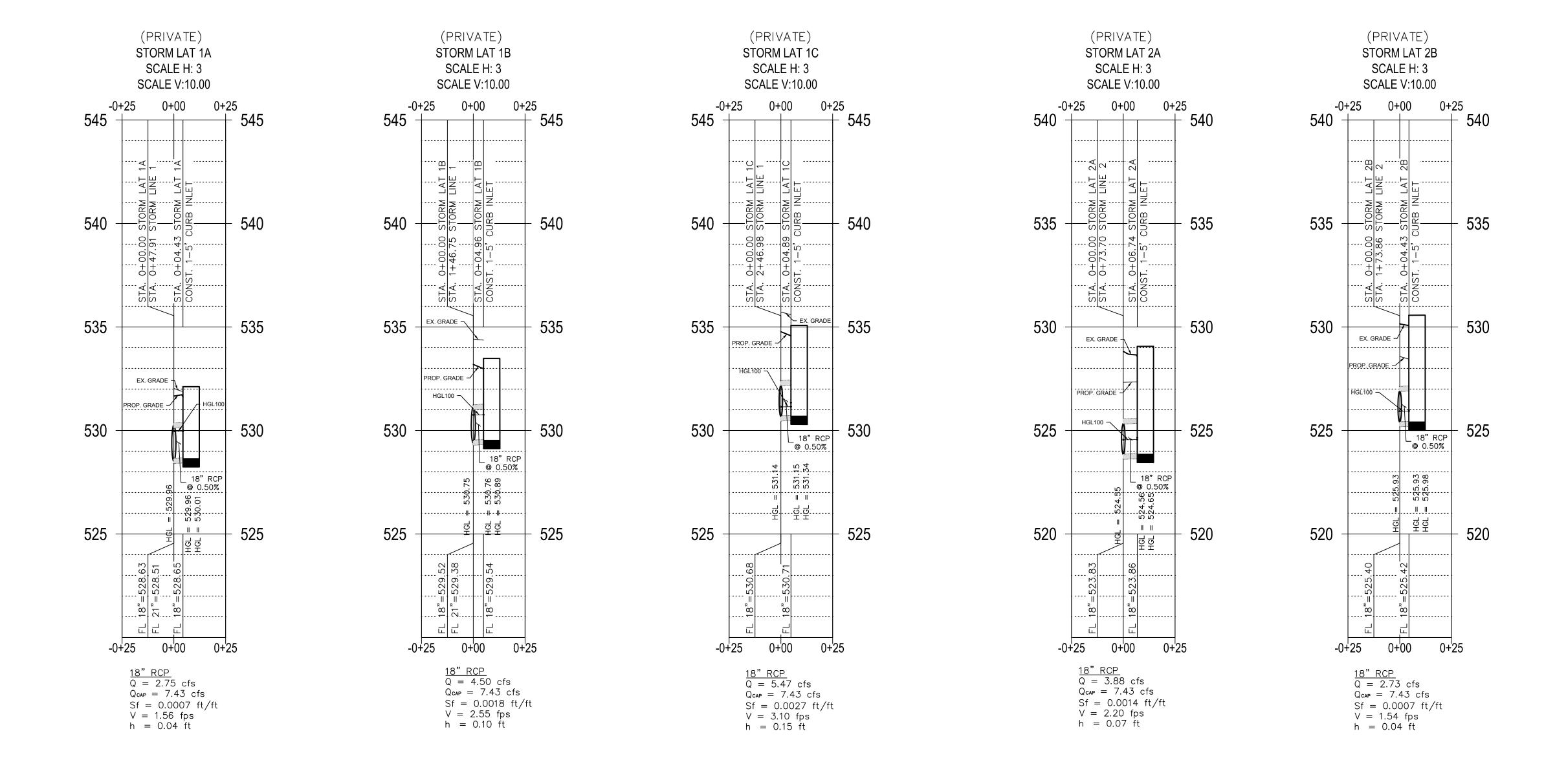
ENGINEERING / PROJECT MANAGEMENT / CONSTRUCTION SERVICES - FIRM REG. #F-001145 201 WINDCO CIR, STE 200, WYLIE, TX 75098 972-941-8400 FAX: 972-941-8401 WWW.ECDLP.COM

REVISIONS:			
DRAWN: ECDLP	DATE: January 6, 2020		
CHECKED: TW	DATE: January 7, 2020		
PROJECT NO.: 5211			
DWG FILE NAME: 08-STORM SEWER PLAN & PROFILE.DWG			

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF CONSTRUCTION.



STORM SEWER PROFILES HORIZON ROAD SELF STORAGE PHASE 1& 2 - 575 UNITS TRACT 23 OF RAINBOW ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS



To the best of our knowledge Engineering Concepts & Design, L.P., hereby states that this plan is As-Built. This information provided is based on surveying at the site and information provided by the contractor.

RECORD DRAWINGS

DD WINTTERS DATE

"Case No. SP2019-027"

BENCHMARKS: CITY OF ROCKWALL, TEXAS — CONTROL MONUMENTATION

ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY BANK

N: 7011544.252; E: 2590135.160; ELEVATION: 567.704 BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE. ENGINEERINGCONCEPT & DESIGN, L.

ENGINEERING / PROJECT MANAGEMENT /
CONSTRUCTION SERVICES - FIRM REG. #F-00II45
20I WINDCO CIR, STE 200, WYLIE, TX 75098
972-94I-8400 FAX: 972-94I-840I WWW.ECDLP.COM

REVISIONS:			
DRAWN: ECDLP	DATE: January 6, 2020		
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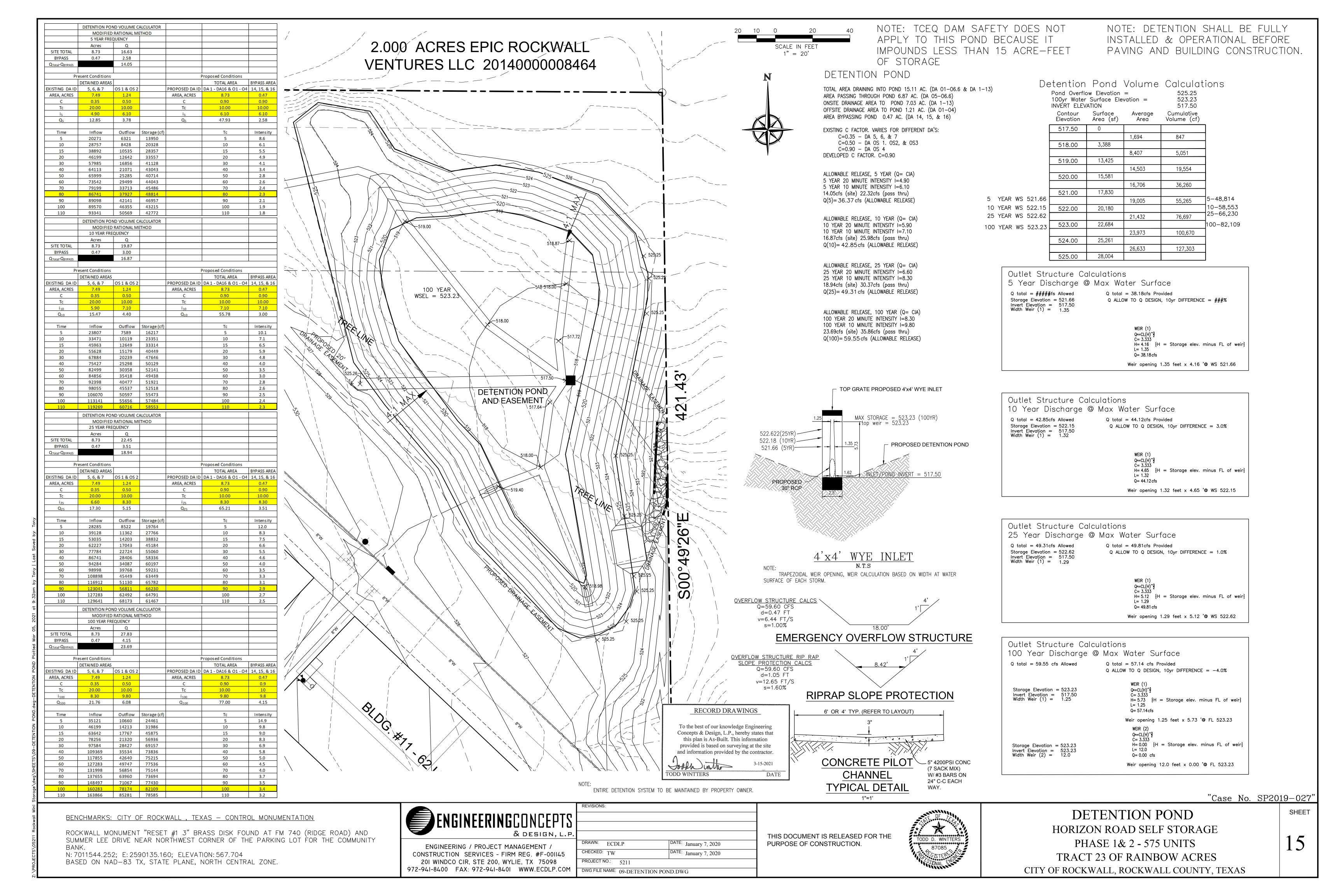
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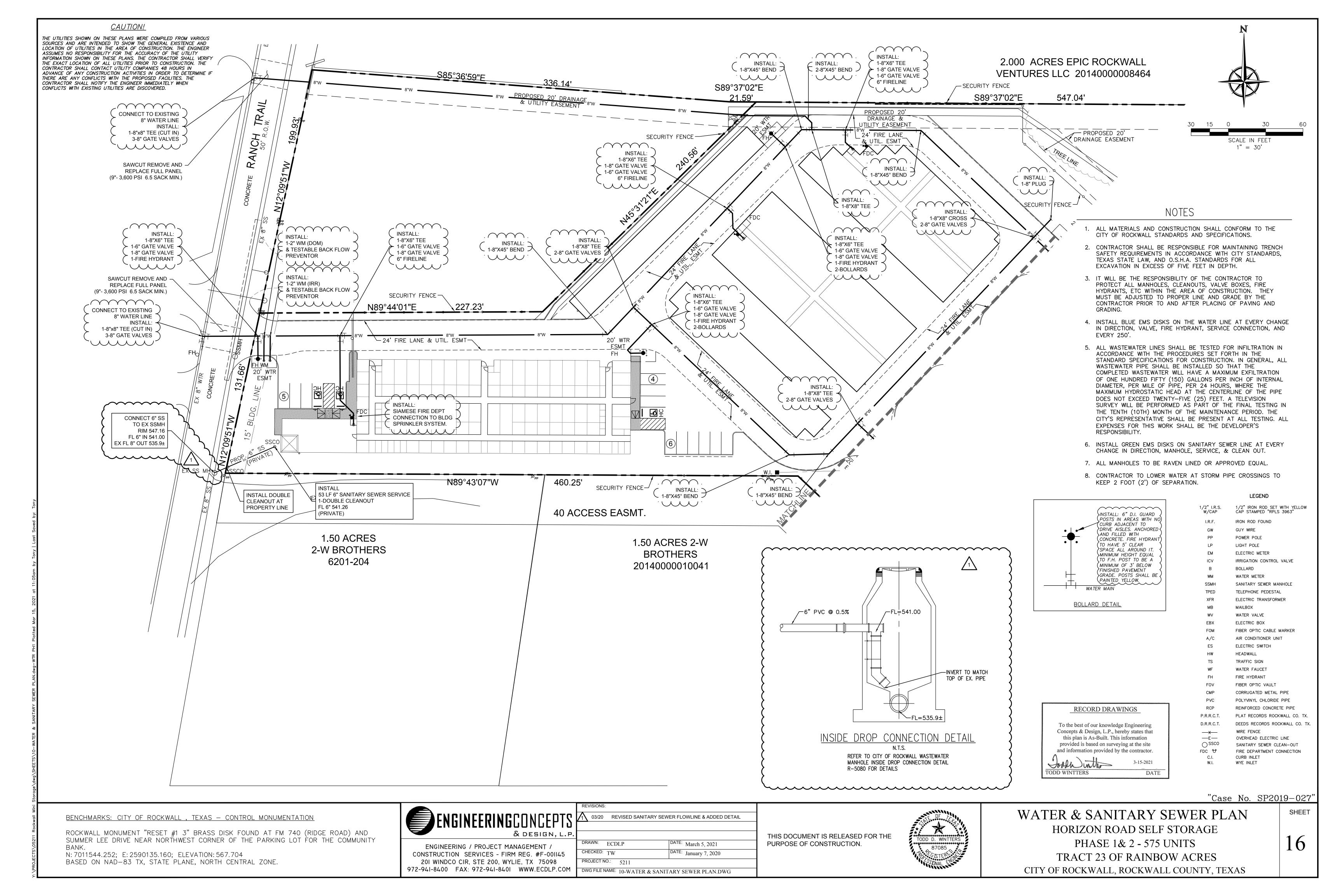


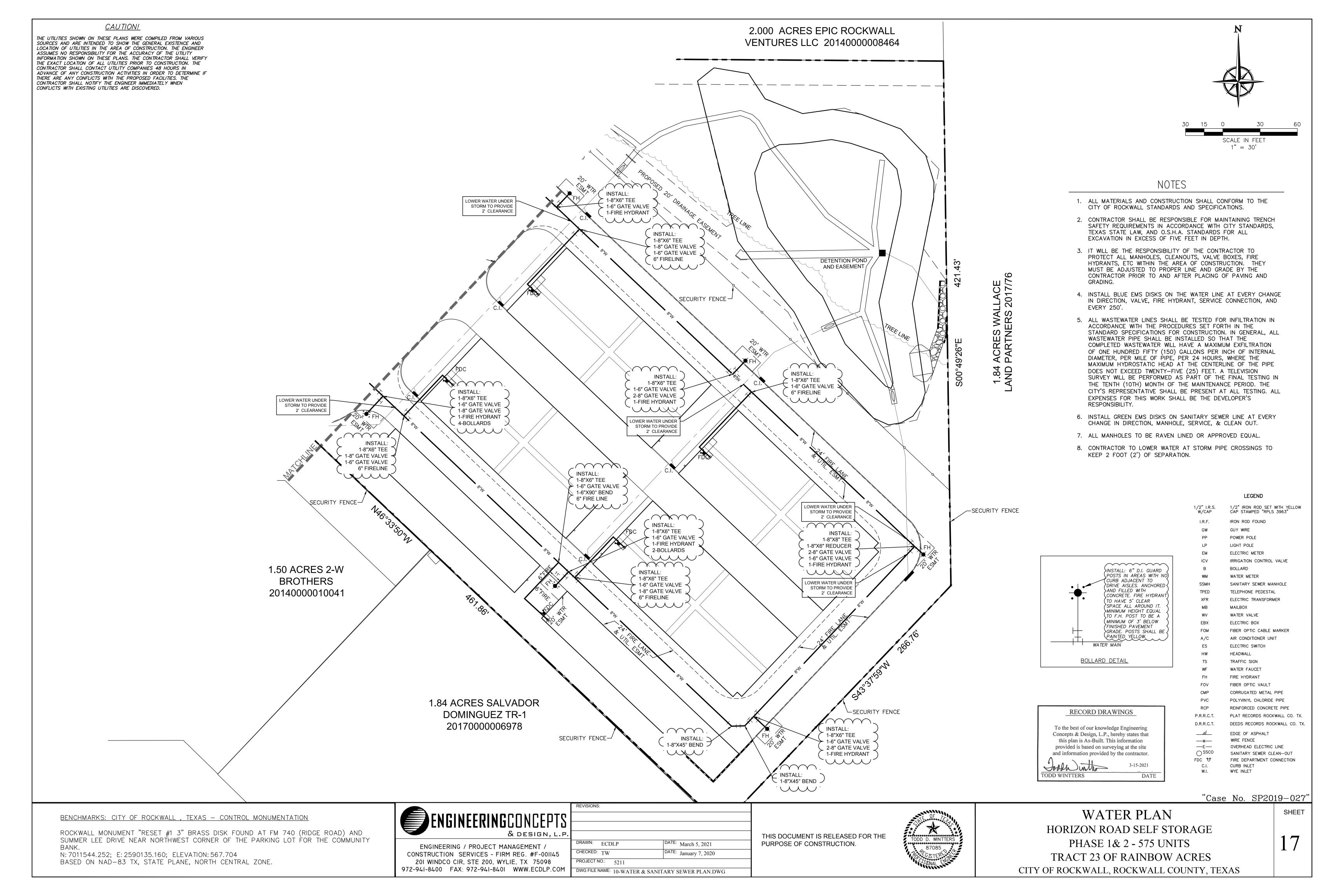
STORM SEWER LATERAL PROFILES HORIZON ROAD SELF STORAGE

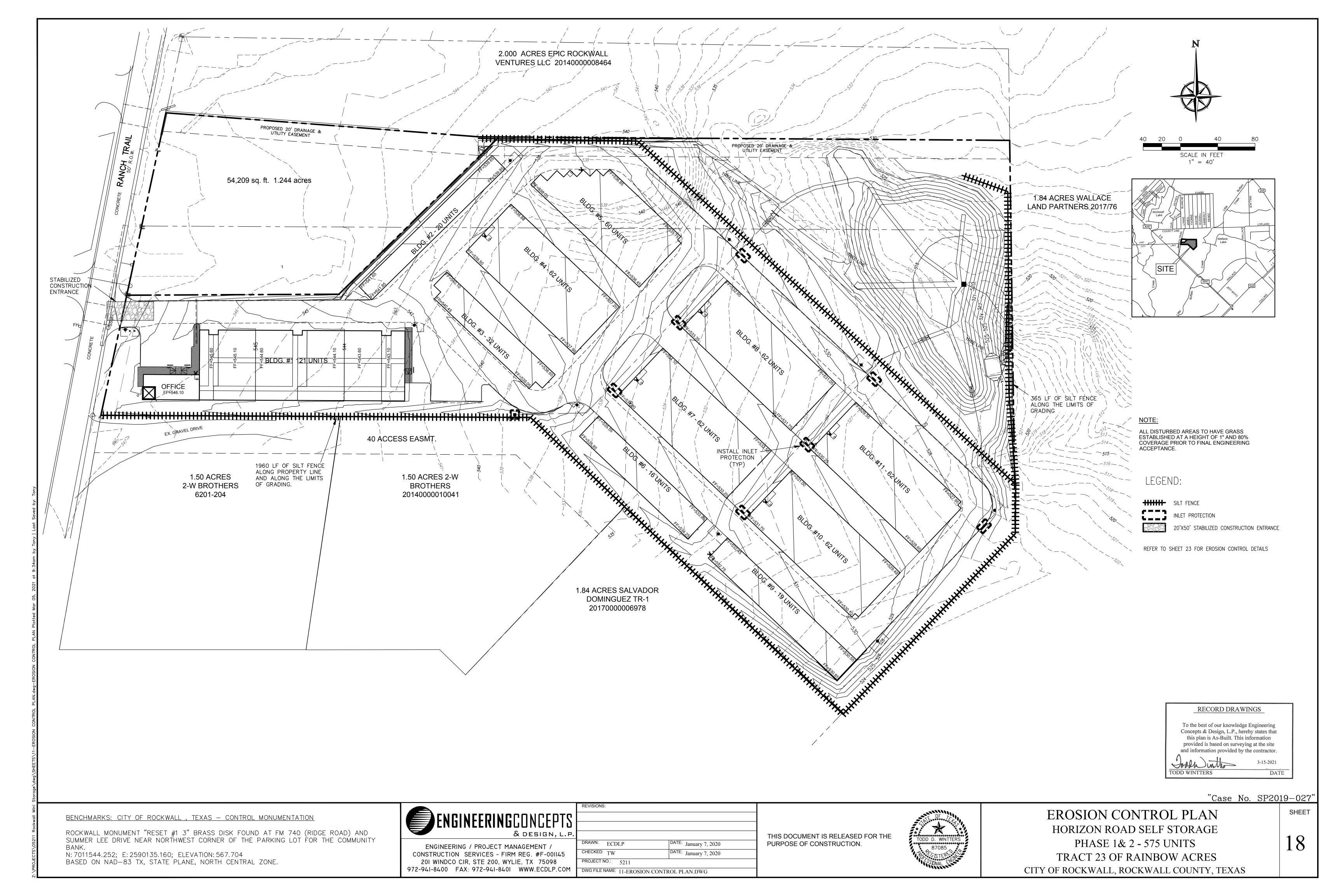
PHASE 1& 2 - 575 UNITS
TRACT 23 OF RAINBOW ACRES
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

14









1. All work, methods, materials, and equipment shall conform to City of Rockwall Subdivision Regulations, the North Central Texas Council of Government construction standards 4th edition, any special provisions to the NCTCOG approved by the city of Rockwall. Standard details can be obtained from NCTCOG

2. Prior to construction, the contractor shall familiarize himself with the contract documents and specifications, the plans including all notes and any other applicable standards or specifications relevant to the proper completion of the work specified. Failure on the part of the contractor to familiarize himself with all standards or specifications pertaining to this work shall in no way relieve the contractor of responsibility for performing the work in accordance with all such applicable standards and specifications.

3. Contractor shall have in his possession, prior to construction, all—necessary permits, licenses, etc. Contractor shall have at least one set of approved engineering plans and specifications on site at all time.

4. Any item of work called for by the plans and/or specification and not included, as a bid item shall be subsidiary to the construction of the various bid

5. Construction inspection will be performed by representatives of the owner, engineer, City, geotechnical engineer, and reviewing authorities and agencies. Unrestricted access shall be provided to them at all times. Contractor is responsible for scheduling required inspections as required by contract documents.

6. The contractor and all subcontractors must confine their activities to the work area. Any damage resulting from work outside the work area, shall be the contractor's responsibility.

7. It will be the responsibility of each contractor to protect all existing public and private utilities throughout the construction of this project. Contractor shall contact the appropriate utility companies for line locations prior to commencement of construction and shall assume full liability to those companies for any damages caused to their facilities. Location of utilities are taken from the City and Utility Company records. Contractor shall field verify to determine exact location of utilities. Contractor to adjust all existing and proposed utilities to final grade.

8. Trench safety design will be the responsibility of the contractor. The contractor shall abide by all applicable federal, state, and local laws governing excavation. Trench side slopes shall meet OSHA standards. Shutting, shoring, and bracing shall be required when side slope standards are not meet. A pull box, meeting OSHA standards will be acceptable. The contractor shall submit detailed plans to the City Engineer for review showing how OSHA Standards for excavation shall be met prior to the start of any utility construction. The plans shall be sealed by an Engineer registered by the State of Texas.

9. Contractor shall stockpile salvage materials for inspection. All items not salvaged by the owner shall be removed from the site at the contractor's expense. The owner will transport salvaged materials away from the site at the owner's expense. Salvage, stockpile, and removal of materials shall be considered subsidiary to the various bid items and shall not be paid for directly unless such items are specifically included in the bid items.

10. The contractor shall be responsible for providing and maintaining all necessary warning and safety work, material, and operations needed to provide for the health and safety of the public until all work has been completed, including maintenance bond periods, and to be accepted by City of Rockwall in

11. All fill to be compacted to 95% with sheeps foot roller in 8" lifts.

#### **WATER NOTES:**

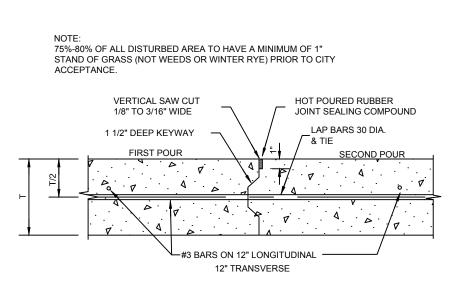
- 1. All new water line shall be fully purged. Do not test against existing valves when connecting to existing lines.
- 2. Where water mains either cross or otherwise come within 9 feet of a sanitary sewer main, the contractor will conform to Texas Administrative Code Title 30, Part 1, Chapter 290, Subchapter D, Rule § 290.44. and City requirements.
- 3. Utility contractor shall use MEGALUG when installing the water line and double strap services when installing the services.
- 4. Water services shall be installed w/double strap saddle and tap installed with a corporation stop at the distribution pipeline and an angle stop.
- 5. All water lines shall be pressure tested and disinfected in accordance with AWWA C 601. A passing Bacteriological test (negative for coliform) shall be achieved prior to acceptance.
- 6. Water pipelines shall be PVC pipe conforming to the Standard Specifications for Construction. In general, the water pipelines shall be Class 200 PVC C900 DR14 pipe, and installed with a minimum of four feet (4') of cover, unless approved by the City. All pipes shall be installed in embedment material as shown on the Standard Drawings and in conformance with the Standard Specifications of Construction. Blue EMS locator pads to be installed on waterline every 250' and at every bend, service, and valve.
- 7. All gate valves shall be manufactured by Mueller or an approved equal with resilient seat only and shall conform to and shall be installed according to the Standard Specifications of Construction.
- 8. Fire hydrants shall be either Mueller or an approved equal conforming to the requirements set forth in the Standard Specifications for Construction. All fire hydrants shall be installed with a six—inch (6") gate valve on the hydrant lead. The installation shall be as set forth in the Standard Specifications for Construction. Fire hydrants shall be painted to meet the City's requirements for color code as set forth in the Standard Specifications. In general, the fire hydrant will be reflective silver with differing cap color, which corresponds to the size of hydrant feeder line, as detailed in Table 5.2 Fire hydrants shall be installed at the end of each dead end line. Minimum main size for a fire hydrant shall be eight inches (8") if main is over fifty feet (50')

In non-residential developments an eight inch (8") lead will be required on all fire hydrants that are located more than fifty feet (50') from a looped

- Service pipelines shall be in accordance with the designs shown on the Standard Drawings. The materials shall be Mueller or approved equal and shall be installed in accordance with the Standard Specifications for Construction.
- 10. Mega—lugs or approved equal shall be installed at all horizontal change in directions at all vertical changes in directions that require a bend. The restraints shall be placed at the bend and at the next pipe joint in each direction from the bend.
- 11. Commercial irrigation meters and domestic shall have a testable double check backflow preventer.
- 12. Install blue EMS disks on the water line at every change in direction, valve, fire hydrant, service connection, and every 250'.

## **WASTEWATER NOTES:**

- 1. All wastewater lines shall be tested for infiltration in accordance with the procedures set forth in the Standard Specifications for Construction. In general, all wastewater pipe shall be installed so that the completed wastewater will have a maximum exfiltration of one hundred fifty (150) gallons per inch of internal diameter, per mile of pipe, per 24 hours, where the maximum hydrostatic head at the centerline of the pipe does not exceed twenty—five (25) feet. A television survey will be performed as part of the final testing in the tenth (10th) month of the maintenance period. The City's representative shall be present at all testing. All expenses for this work shall be the developer's responsibility.
- 2. Install green EMS disks on sanitary sewer line at every change in direction, manhole, service, & clean out.
- 3. All manholes to be Raven lined or approved equal.



CONSTRUCTION JOINT DETAIL

24" NO. 6 SMOOTH DOWE

TRANSVERSE EXPANSION JOINT DETAIL

#3 BARS ON 12" LONGITUDINAL

SAWED DUMMY JOINT DETAIL

12" TRANSVERSE

NOTE: SPACE 600' O.C., LOCATE AT INTERSECTIONS

#3 BARS ON 12" CTRS. BOTH WAYS

NOTE: DOWELS AND REINFORCING

BARS SHALL BE SUPPORTED

1/8" TO 3/16" WIDE

BY AN APPROVED DEVICE

16" DOWEL COATING

HOT POURED RUBBER

JOINT SEALING COMPOUN

REDWOOD EXPANSION

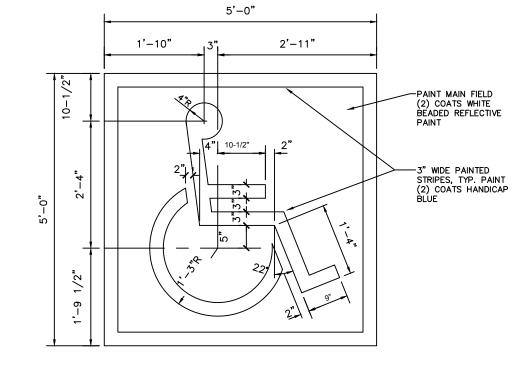
TO BE INSTALLED 2' C.-C.

DOWEL SLEEVE (CLOSED END)

JOINT SEALING COMPOUND

TO FIT DOWEL AND BE SECURED

JOINT FILLER

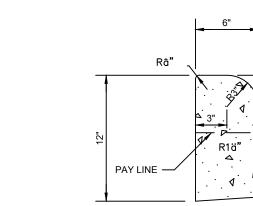


**ACCESSIBILITY PARKING** 

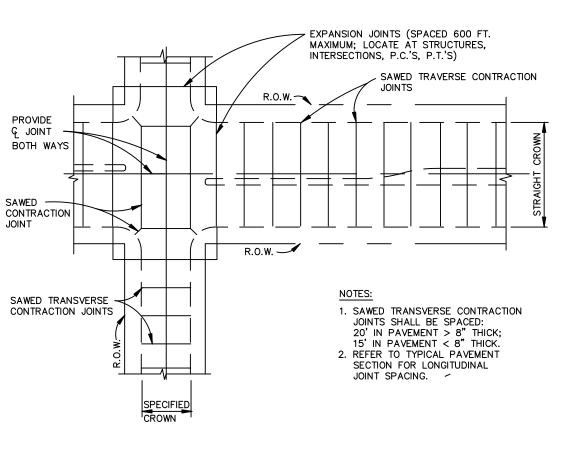
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HANDICAP BLUE

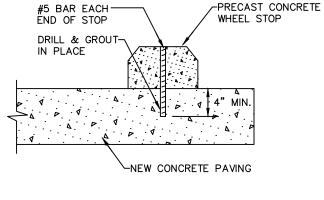
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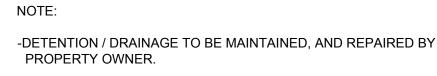


WHEEL STOP DETAIL



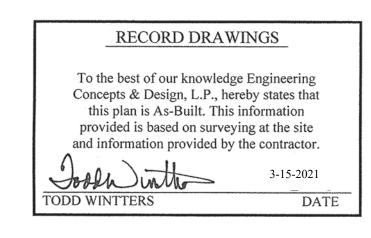
SPACING DIAGRAM FOR TRANSVERSE JOINTS

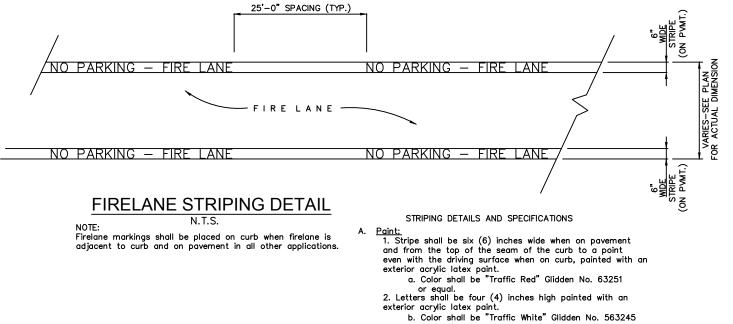


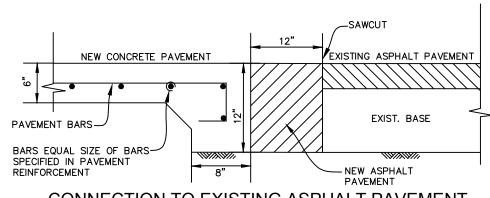


-DETENTION / DRAINAGE TO BE FULLY INSTALLED PER PLAN AND MAINTAINED INCLUDING SOD OR SEEDED ANCHORED CURLEX ON SIDES AND BOTTOM BEFORE PAVING IS INSTALLED.

-ALL ROW(S) TO BE SODDED PRIOR TO CITY ACCEPTANCE AND





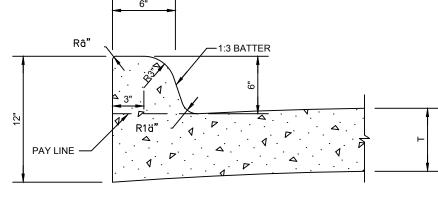


or equal.

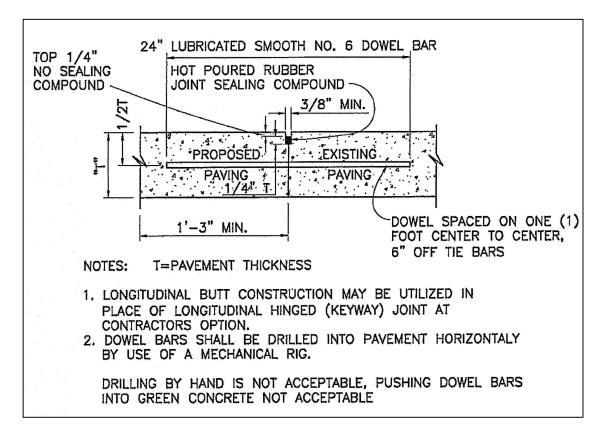
as detailed on this sheet.

1. Stripe may be brushed or sprayed, one coat to finish.
 2. Letters shall be stencil formed, brush applied and spaced

CONNECTION TO EXISTING ASPHALT PAVEMENT



INTEGRAL CURB DETAIL



LONGITUDINAL BUTT JOINT

"Case No. SP2019-027"

BENCHMARKS: CITY OF ROCKWALL, TEXAS - CONTROL MONUMENTATION

ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY

N: 7011544.252; E: 2590135.160; ELEVATION: 567.704 BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.



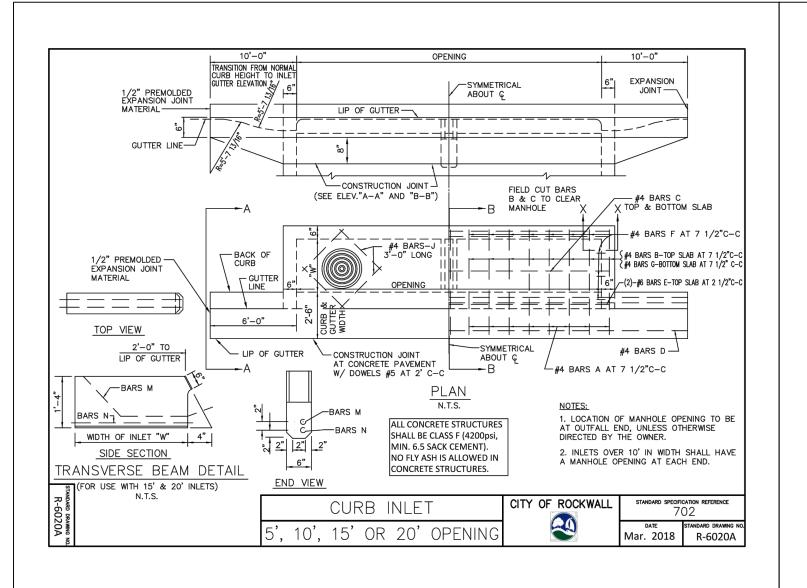
ENGINEERING / PROJECT MANAGEMENT CONSTRUCTION SERVICES - FIRM REG. #F-001145 201 WINDCO CIR, STE 200, WYLIE, TX 75098 972-941-8400 FAX: 972-941-8401 WWW.ECDLP.COM

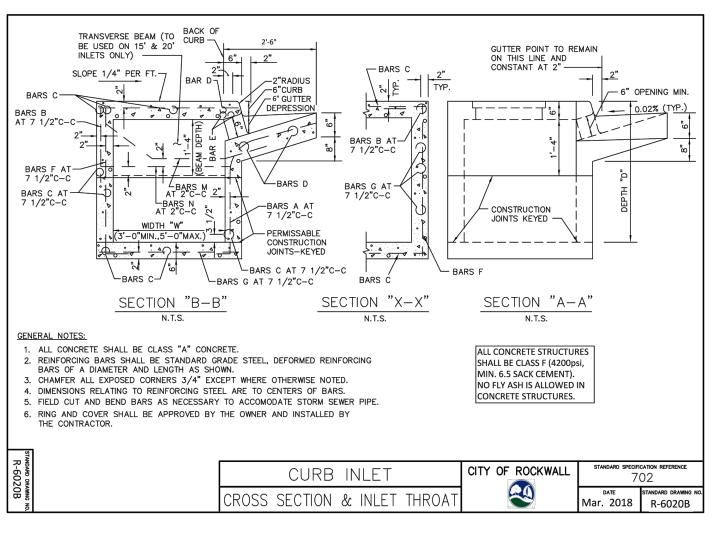
DRAWN: ECDLP ATE: January 7, 2020 CHECKED: TW JATE: January 7, 2020 PROJECT NO.: 5211 DWG FILE NAME: 12-GENERAL NOTES & SITE DETAILS.DWG

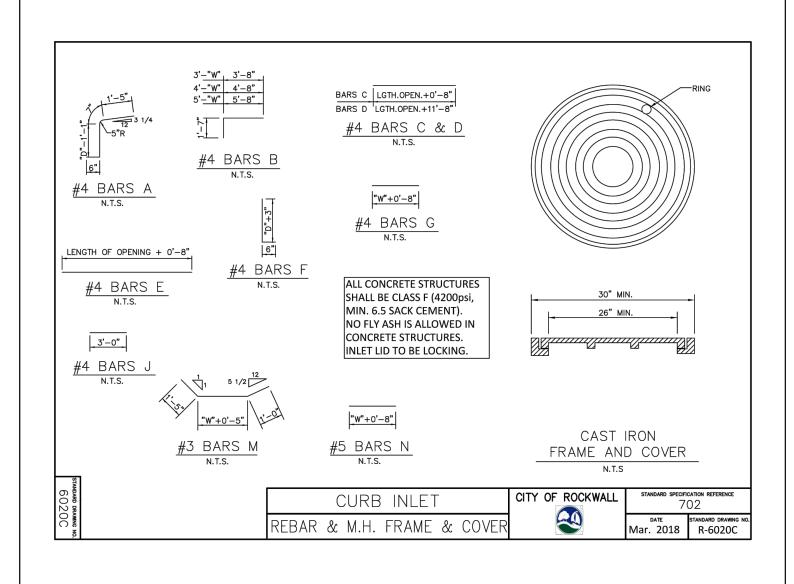
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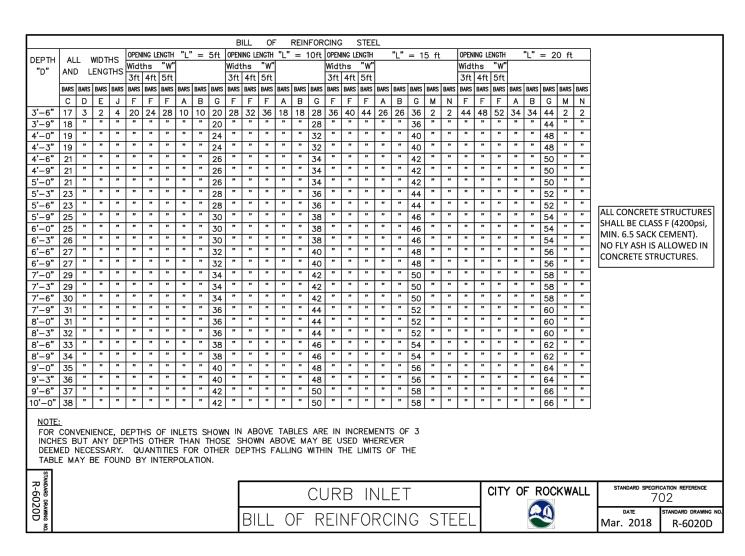


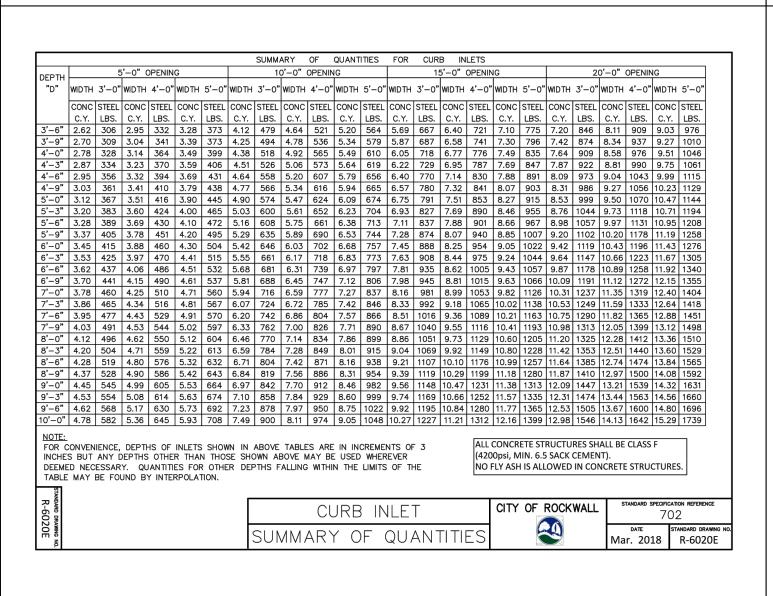
GENERAL NOTES & SITE DETAILS HORIZON ROAD SELF STORAGE PHASE 1& 2 - 575 UNITS TRACT 23 OF RAINBOW ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

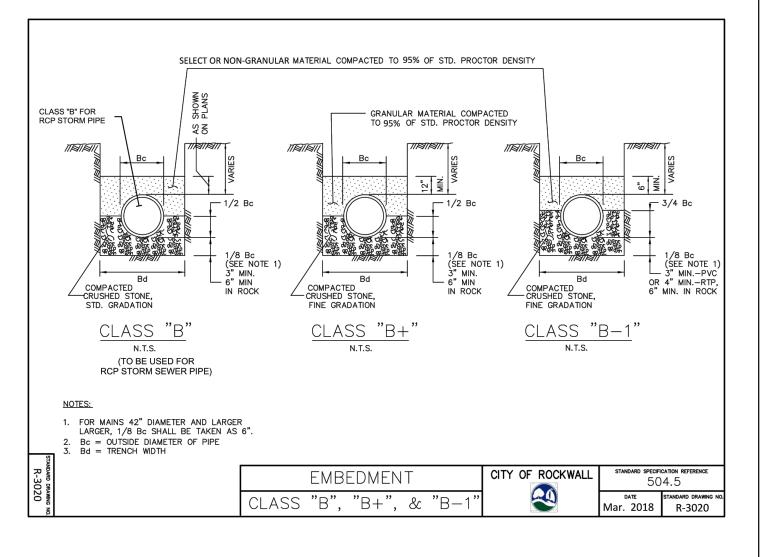


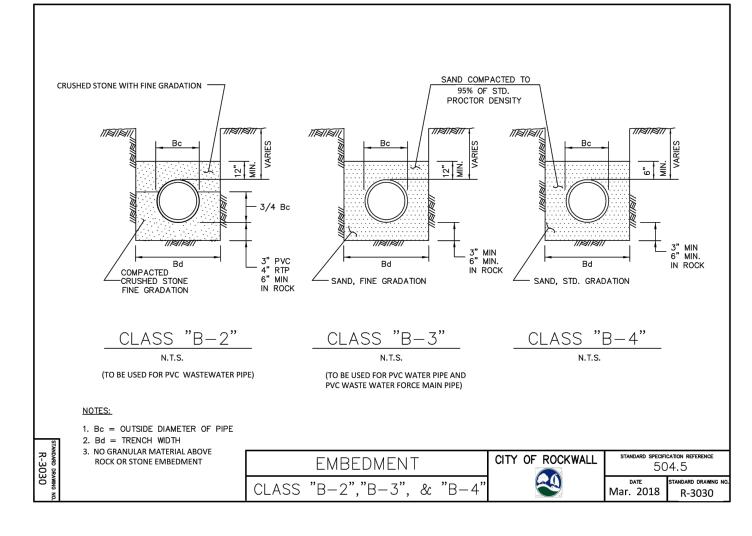


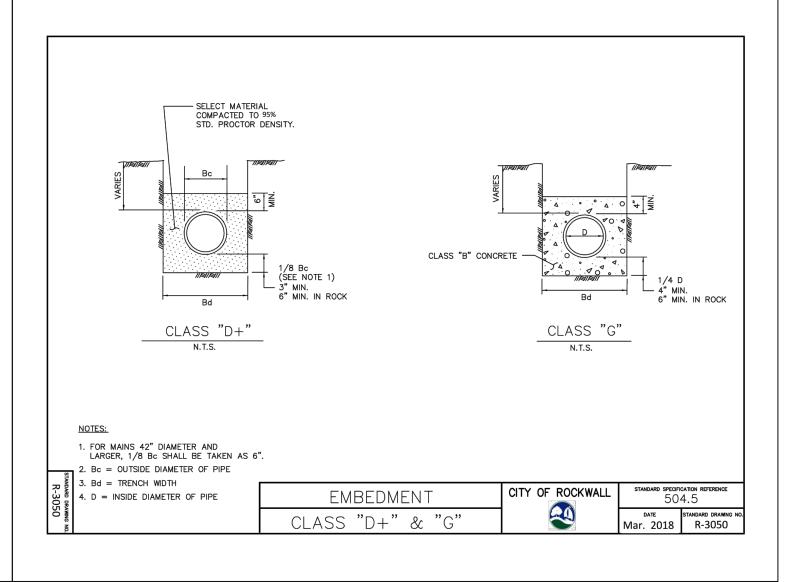


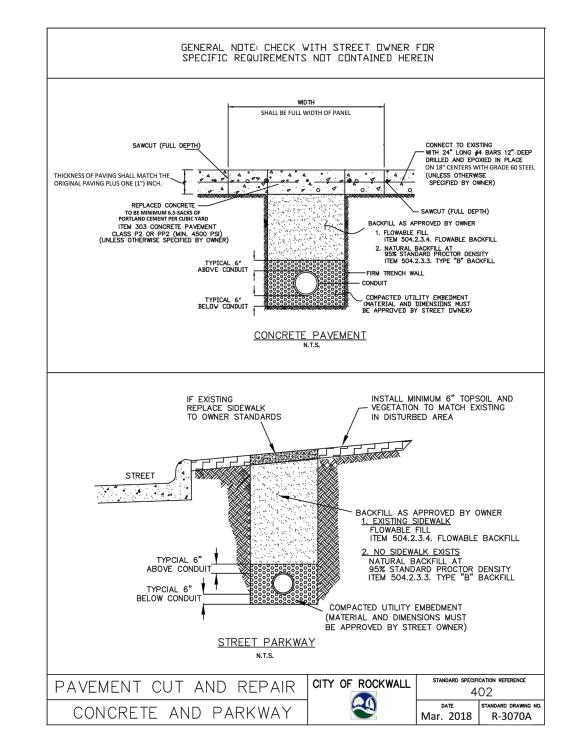


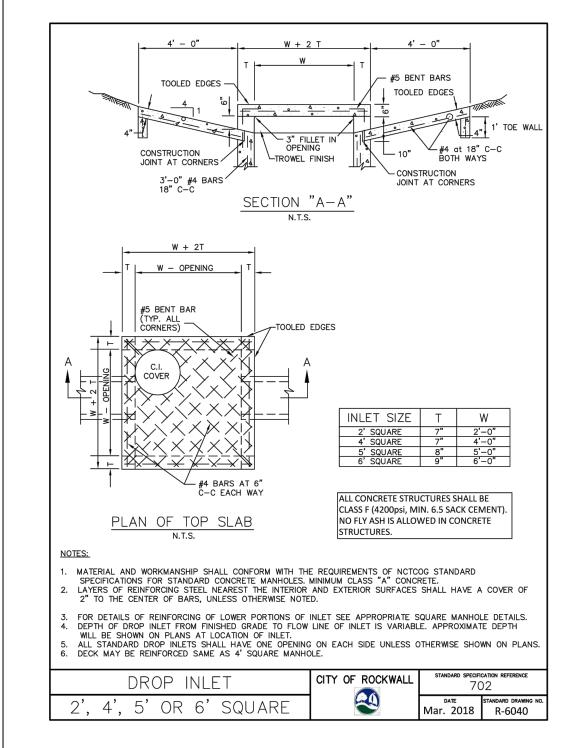


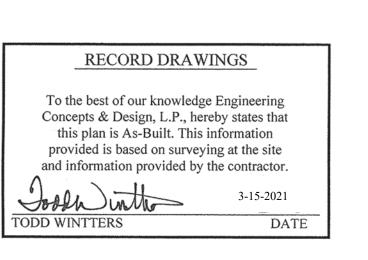












NOTE: NCTCOG DETAILS SHOWN HEREON HAVE BEEN MODIFIED TO INCLUDE THE "CITY OF ROCKWALL UPDATES" AS PUBLISHED IN THE CITY OF ROCKWALL'S UNIFIED DEVELOPMENT CODE. REFER TO THE CITY DOCUMENT FOR EXACT DESCRIPTIONS OF THE UPDATES.

"Case No. SP2019-027"

BENCHMARKS: CITY OF ROCKWALL , TEXAS — CONTROL MONUMENTATION

ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY BANK.

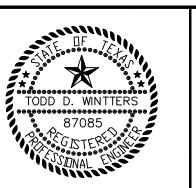
N: 7011544.252; E: 2590135.160; ELEVATION: 567.704 BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.



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REVISIONS:		
DRAWN: ECDLP	DATE: January 7, 2020	
CHECKED: TW	DATE: January 7, 2020	
PROJECT NO.: 5211		
DWG FILE NAME: 13-STORM SEWER DETAILS.DWG		

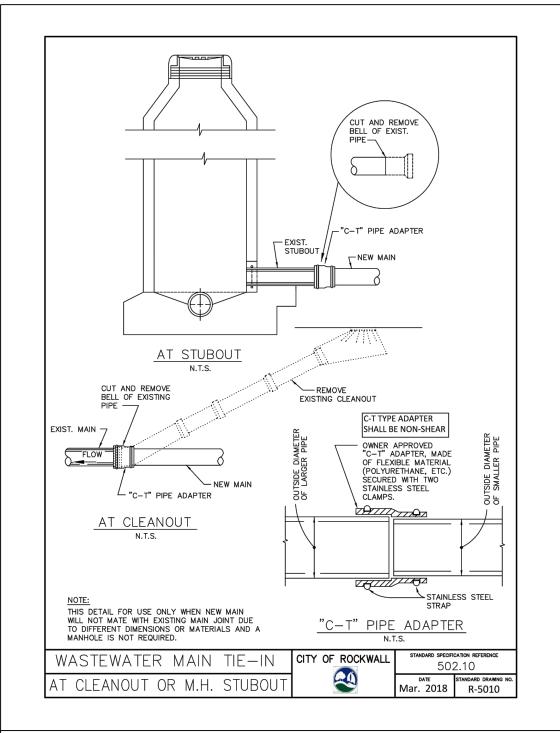
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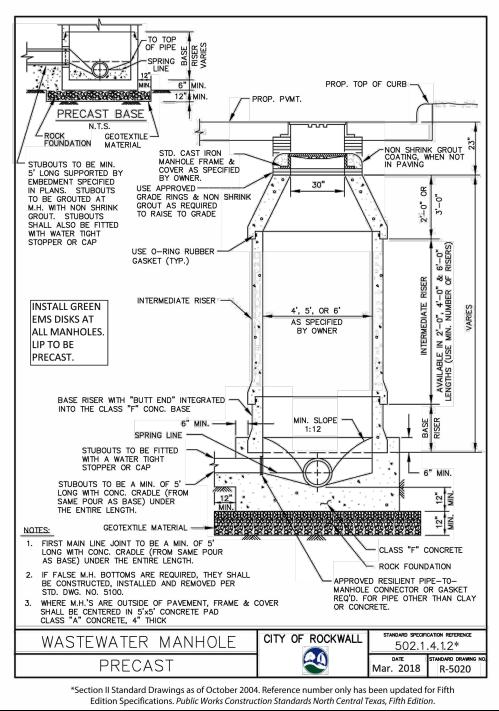


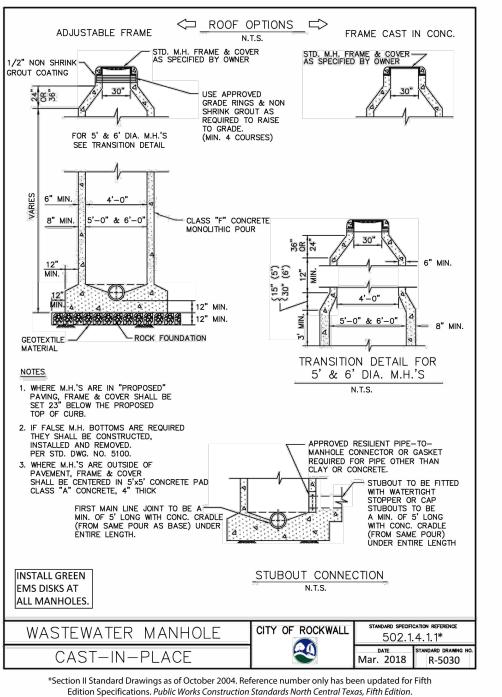
STORM SEWER DETAILS
HORIZON ROAD SELF STORAGE
PHASE 1& 2 - 575 UNITS
TRACT 23 OF RAINBOW ACRES
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

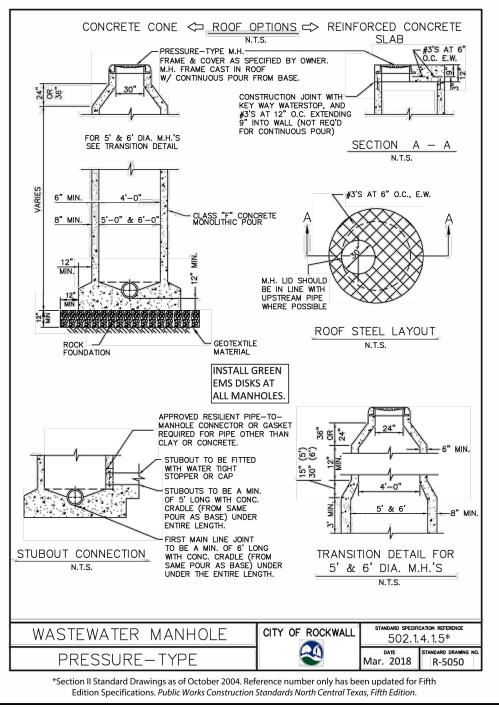
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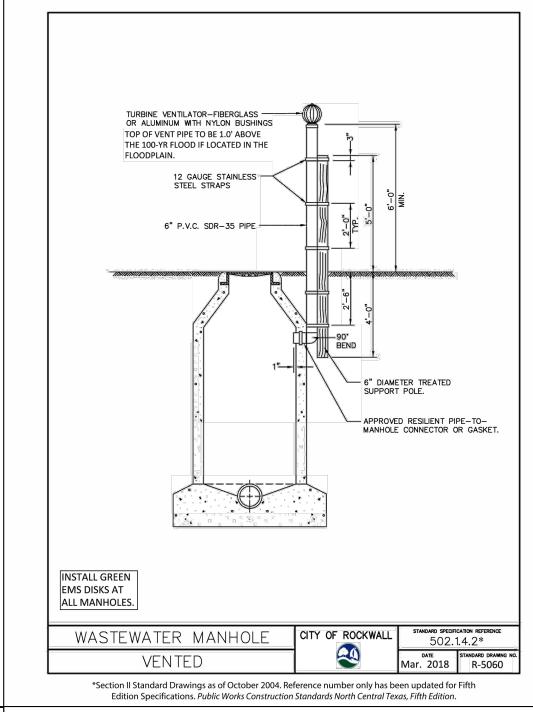
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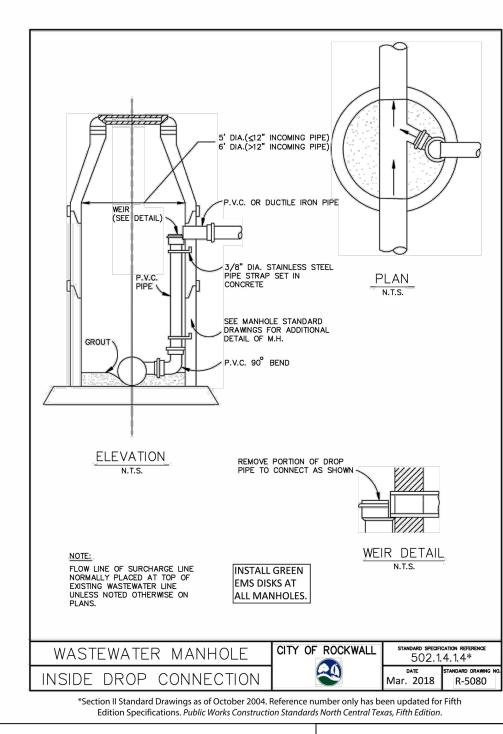


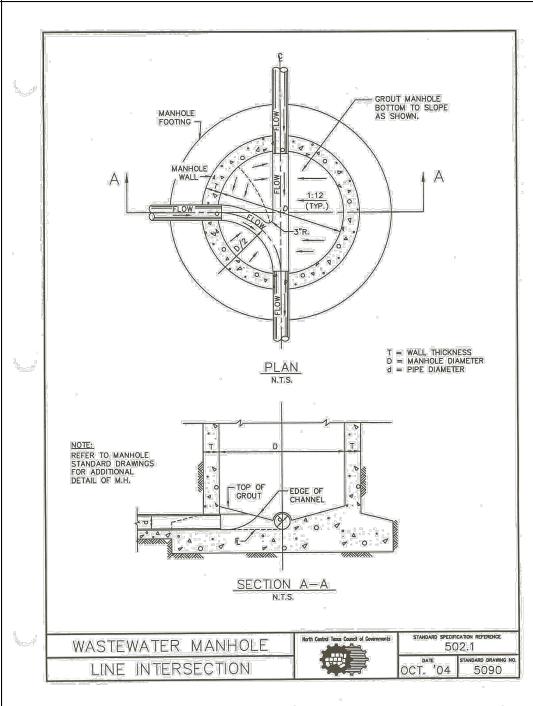


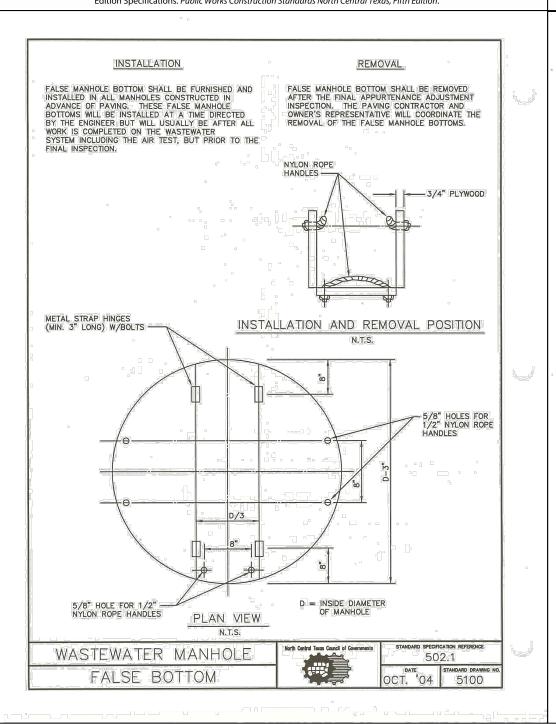


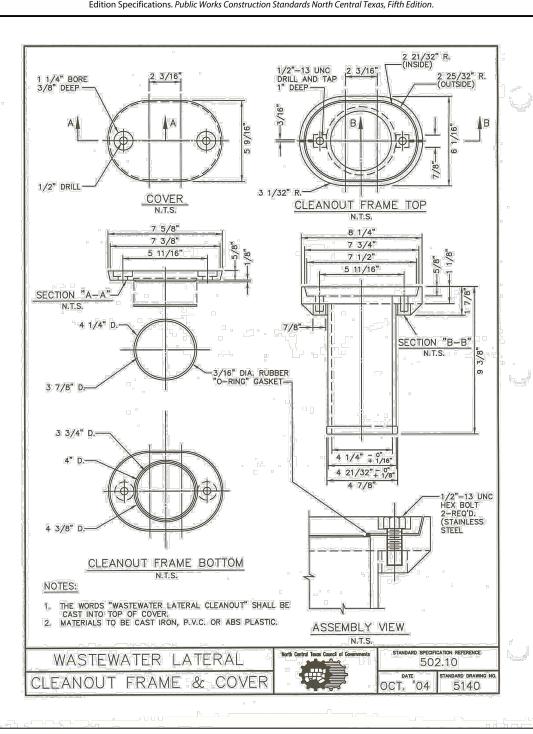


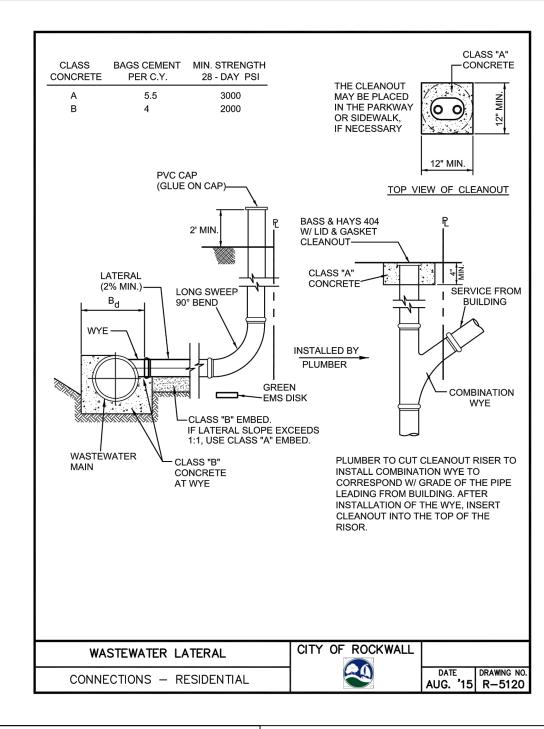


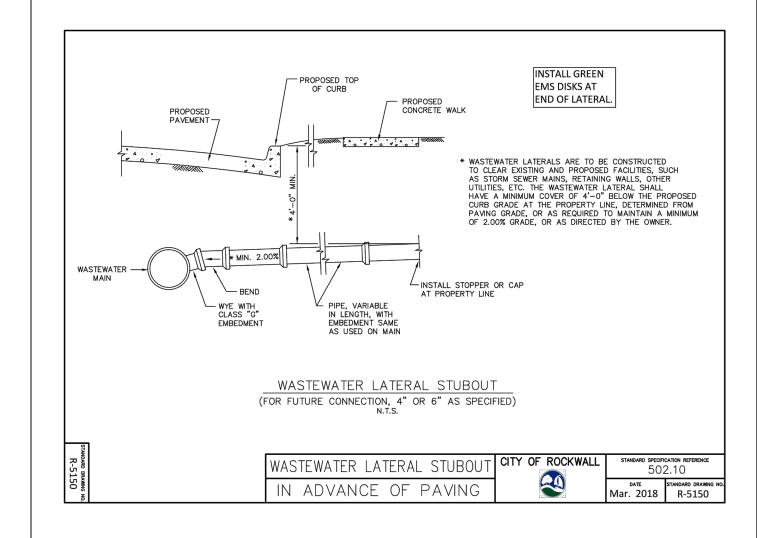


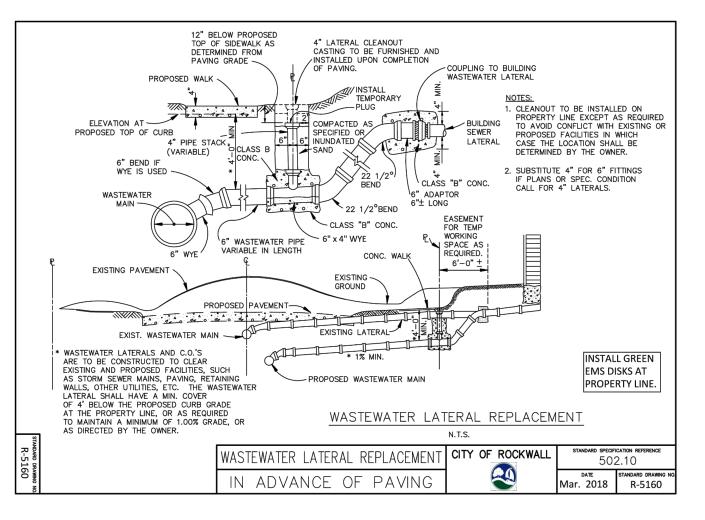


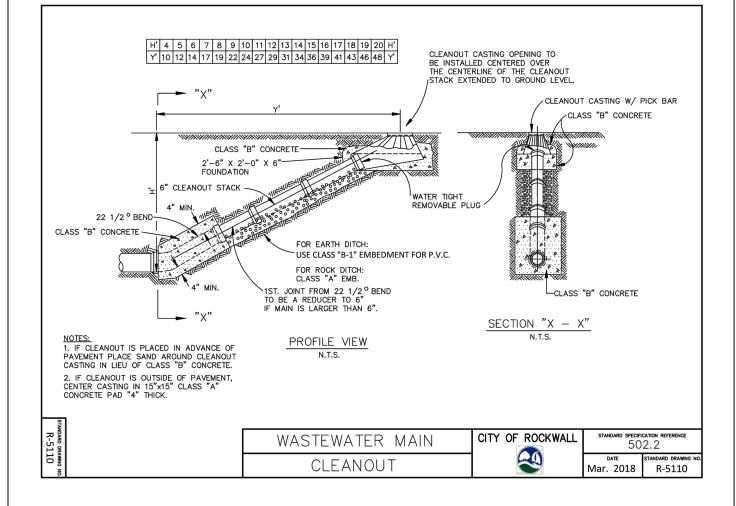


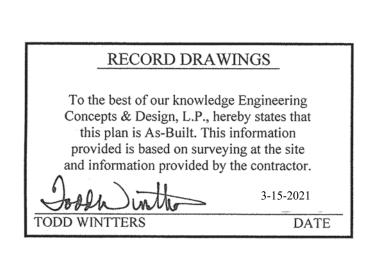












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"Case No. SP2019-027"

BENCHMARKS: CITY OF ROCKWALL, TEXAS - CONTROL MONUMENTATION

ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY

N: 7011544.252; E: 2590135.160; ELEVATION: 567.704 BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.



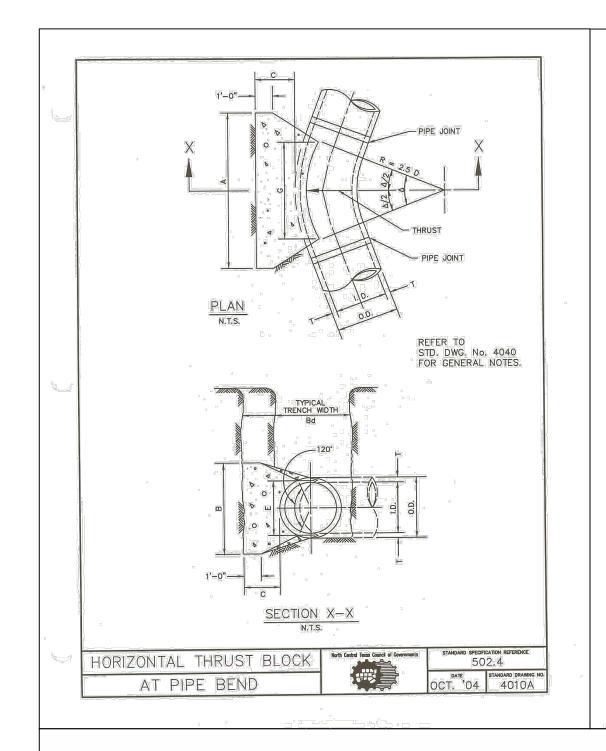
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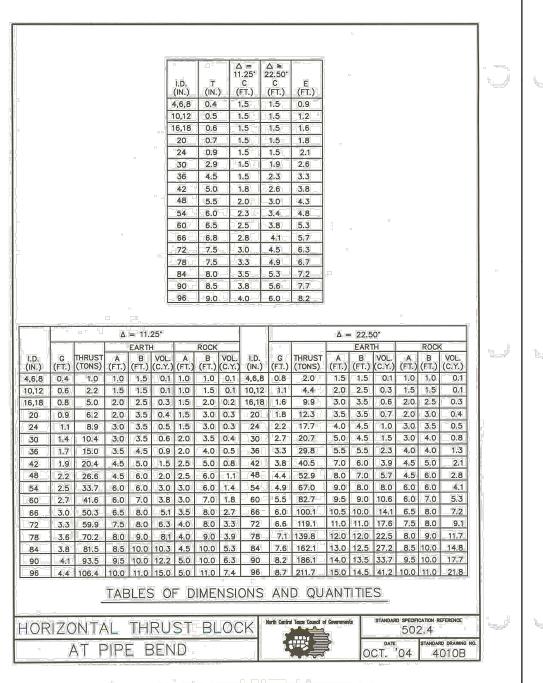
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	PROJECT NO.: 5211			
	DWG FILE NAME: 14-SANITARY SEWER DETAILS.DWG			

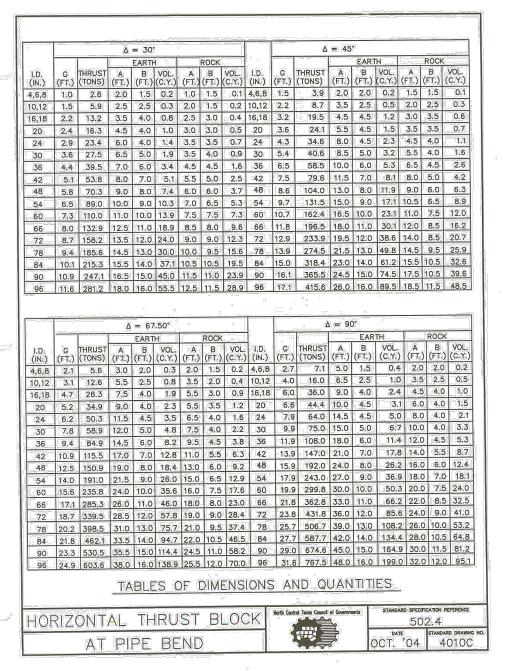
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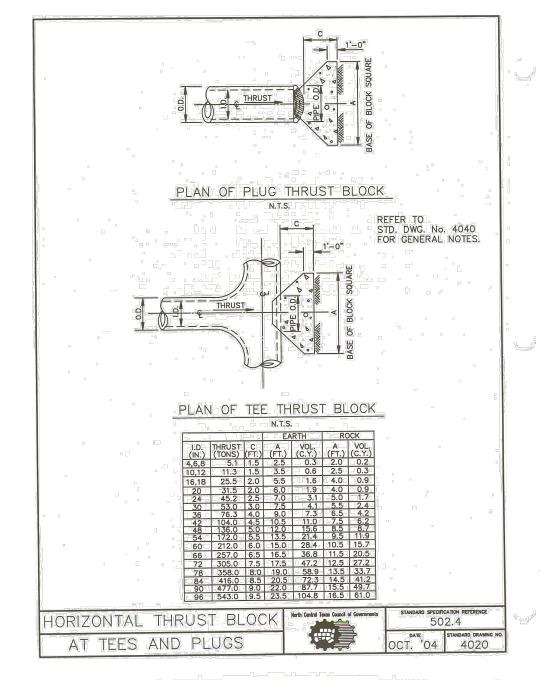


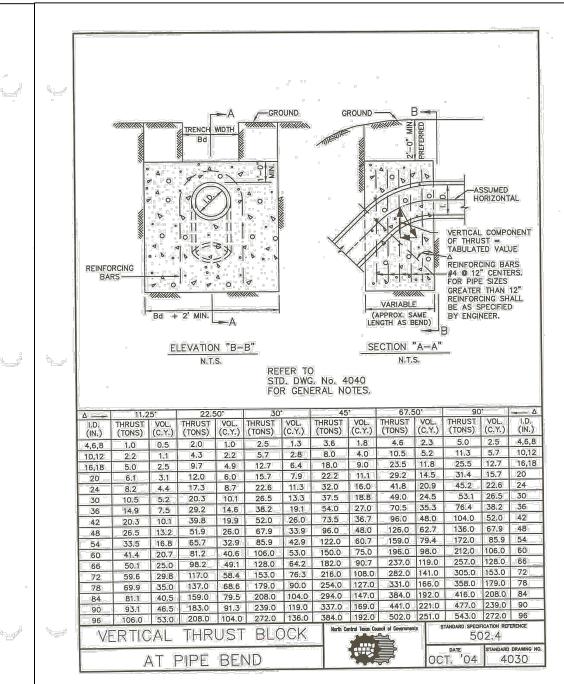
SANITARY SEWER DETAILS HORIZON ROAD SELF STORAGE PHASE 1& 2 - 575 UNITS TRACT 23 OF RAINBOW ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

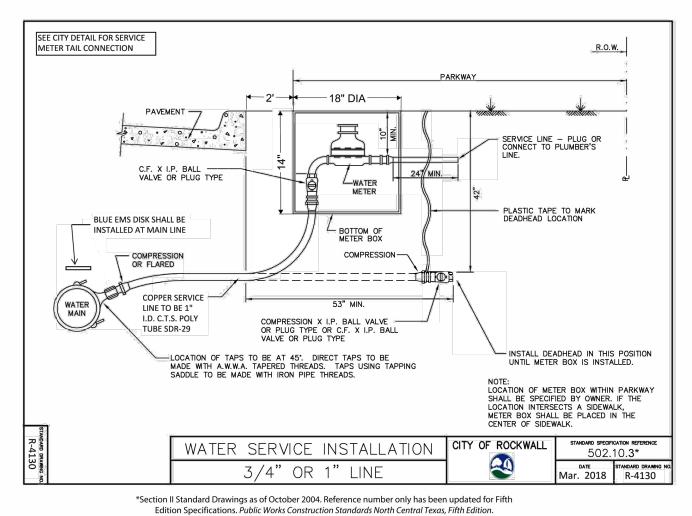


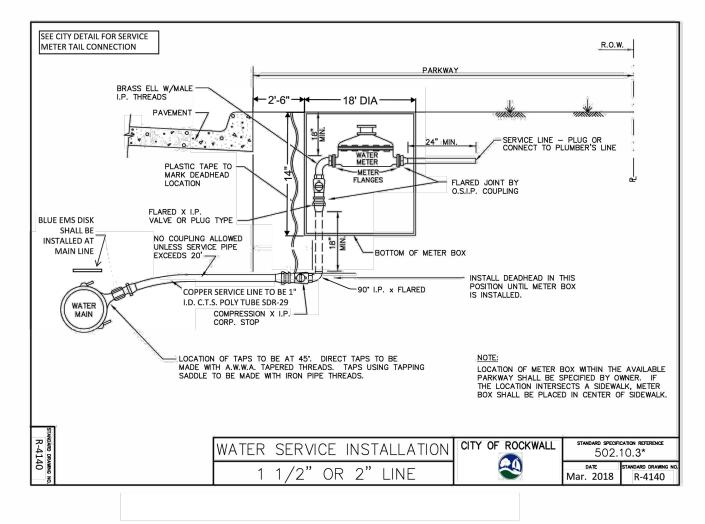


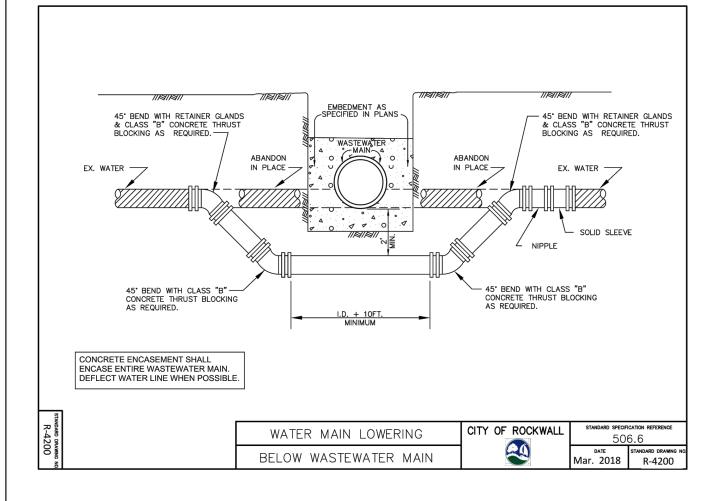


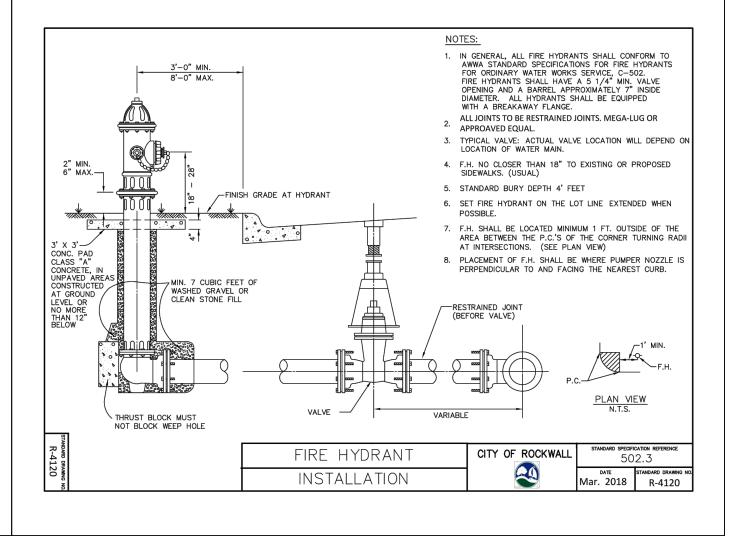


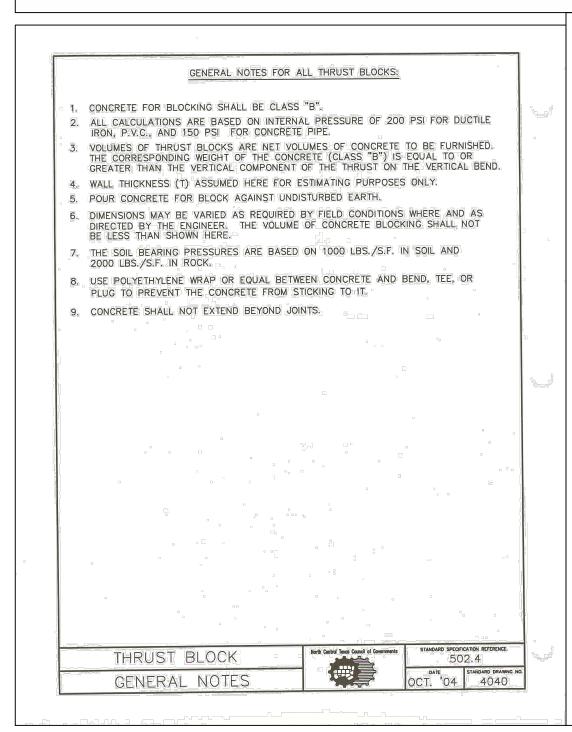


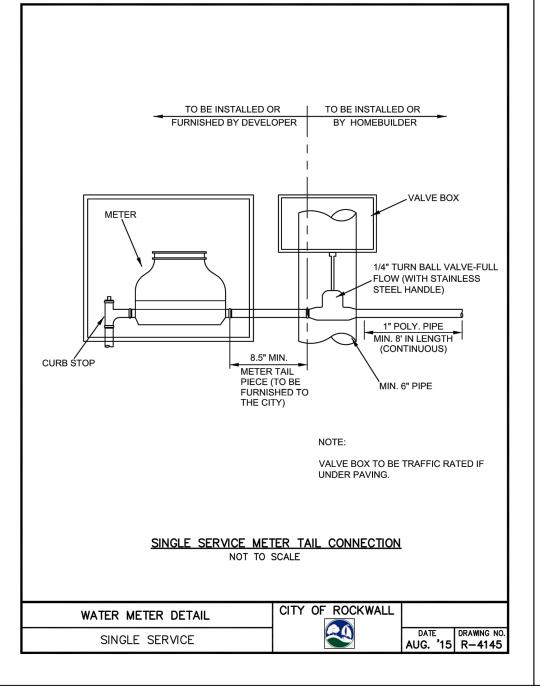


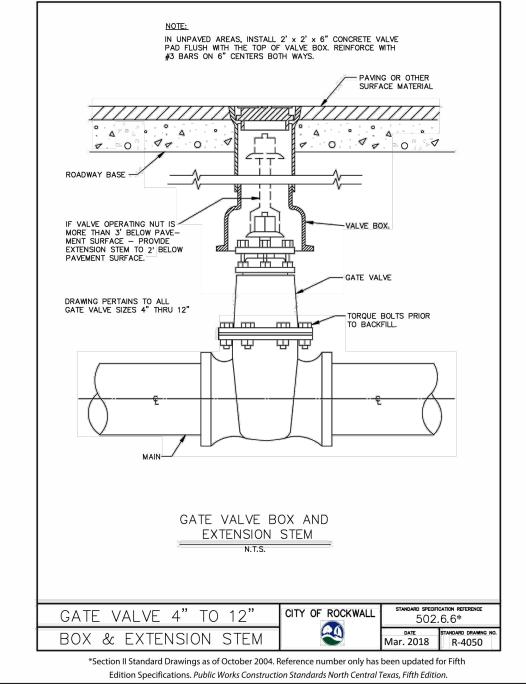


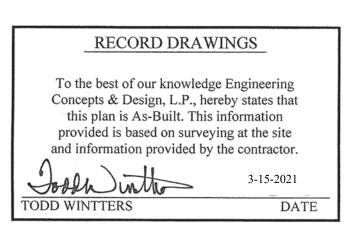












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"Case No. SP2019-027

BENCHMARKS: CITY OF ROCKWALL, TEXAS — CONTROL MONUMENTATION

ROCKWALL MONUMENT "RESET #1 3" BRASS DISK FOUND AT FM 740 (RIDGE ROAD) AND SUMMER LEE DRIVE NEAR NORTHWEST CORNER OF THE PARKING LOT FOR THE COMMUNITY BANK.

N: 7011544.252; E: 2590135.160; ELEVATION: 567.704 BASED ON NAD-83 TX, STATE PLANE, NORTH CENTRAL ZONE.



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	DRAWN: ECDLP DA	TE: January 7, 2020		
	CHECKED: TW DA	TE: January 7, 2020		
	PROJECT NO.: 5211			
۷	DWG FILE NAME: 15-WATER DETAILS.DWG			

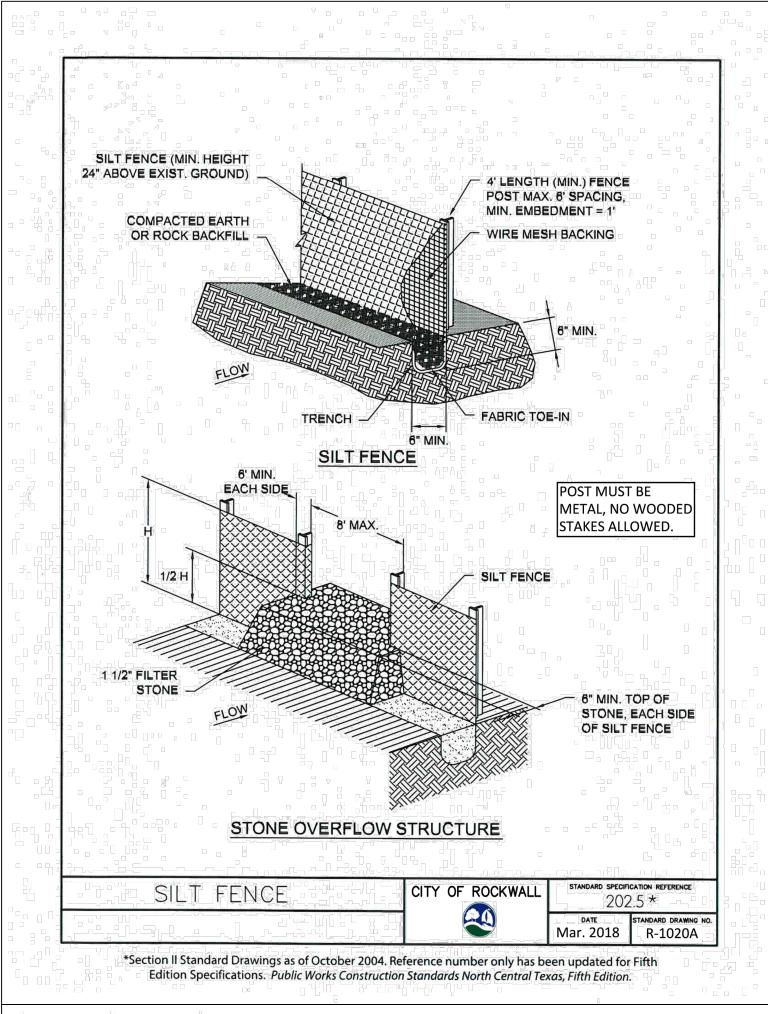
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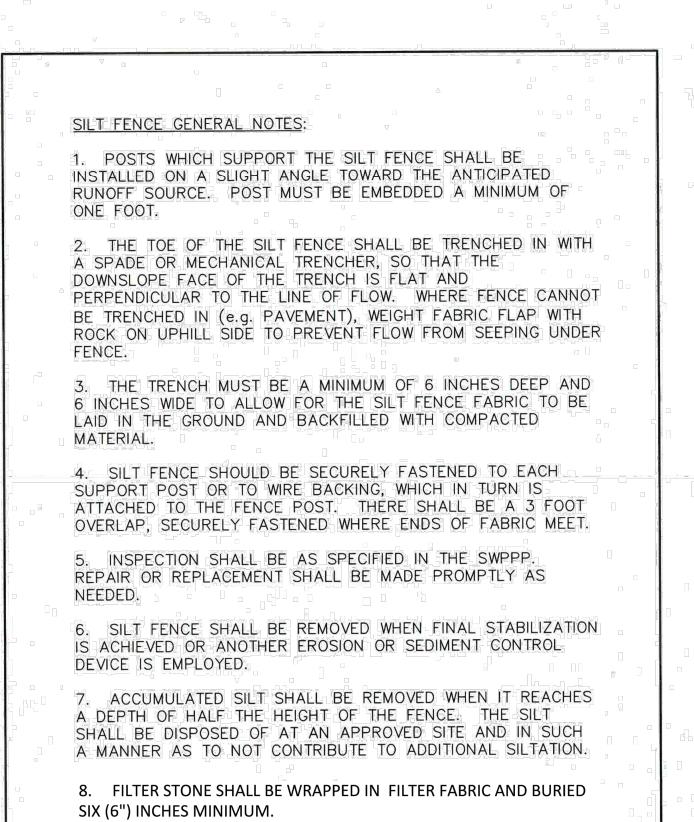


WATER DETAILS
HORIZON ROAD SELF STORAGE
PHASE 1& 2 - 575 UNITS
TRACT 23 OF RAINBOW ACRES
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

SHEET

22





CITY OF ROCKWALL

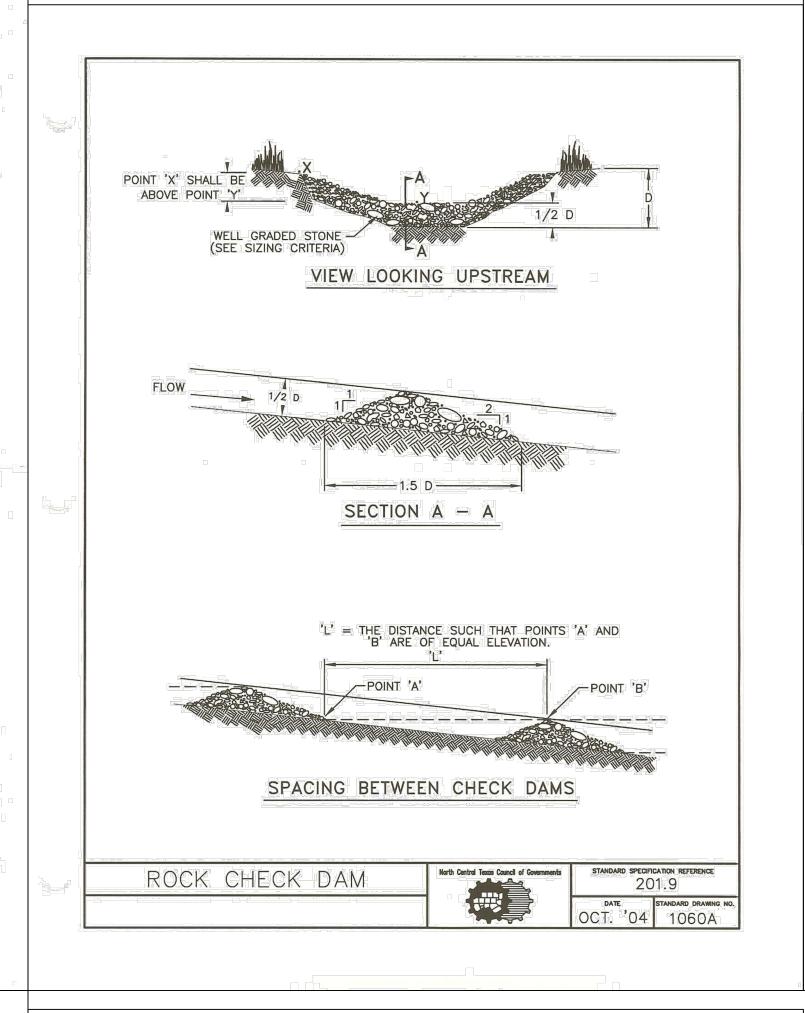
\*Section II Standard Drawings as of October 2004. Reference number only has been updated for Fifth

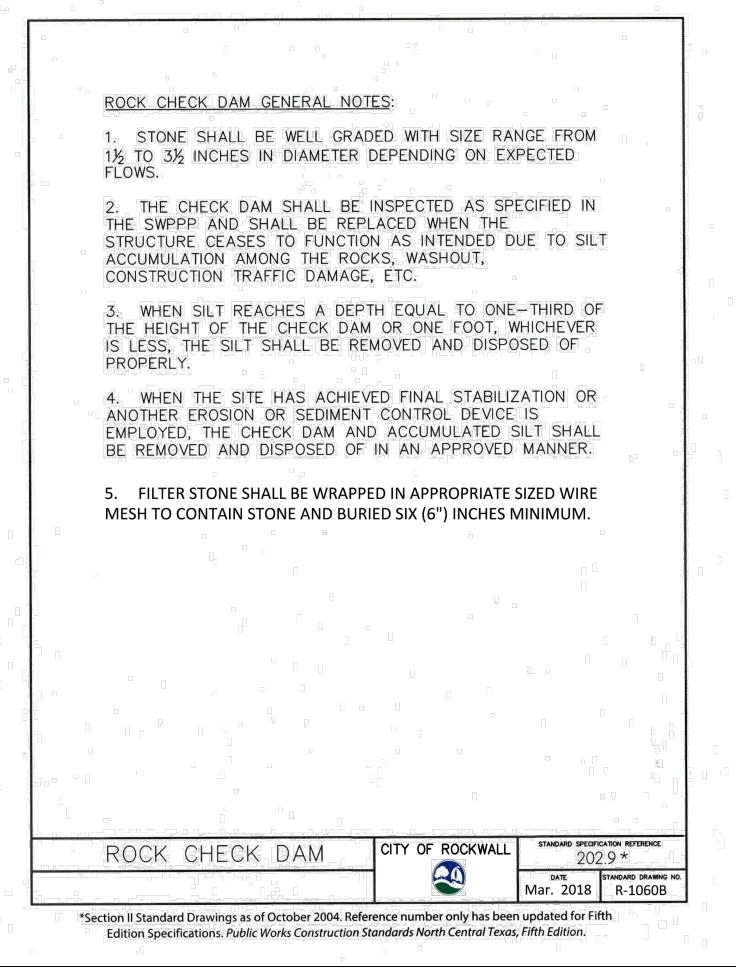
Edition Specifications. Public Works Construction Standards North Central Texas, Fifth Edition.

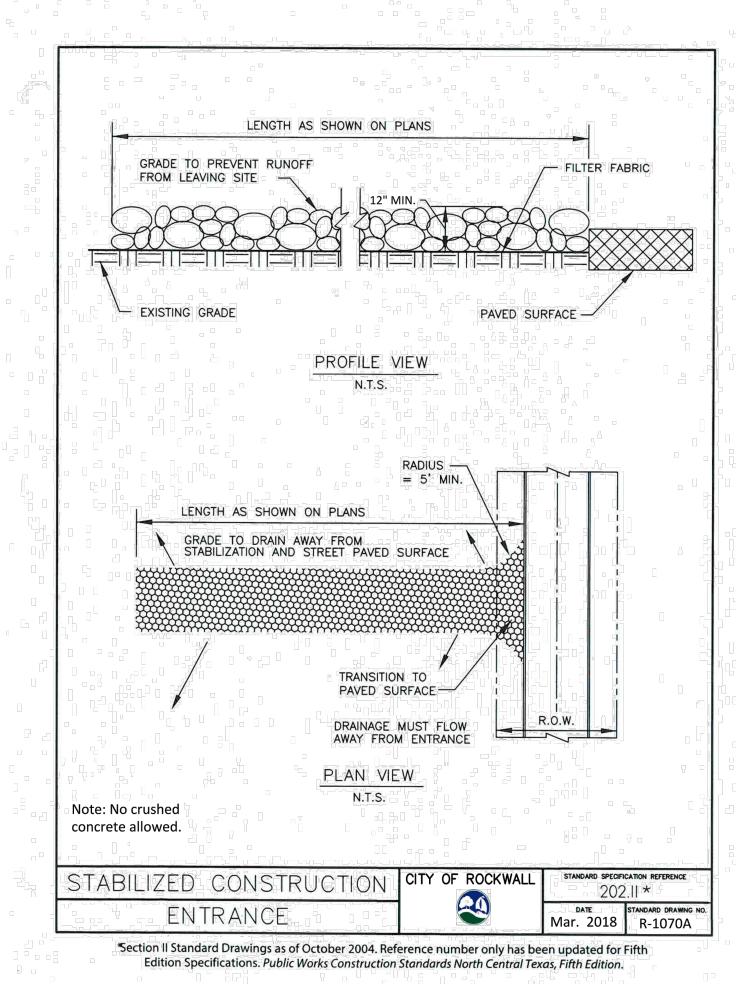
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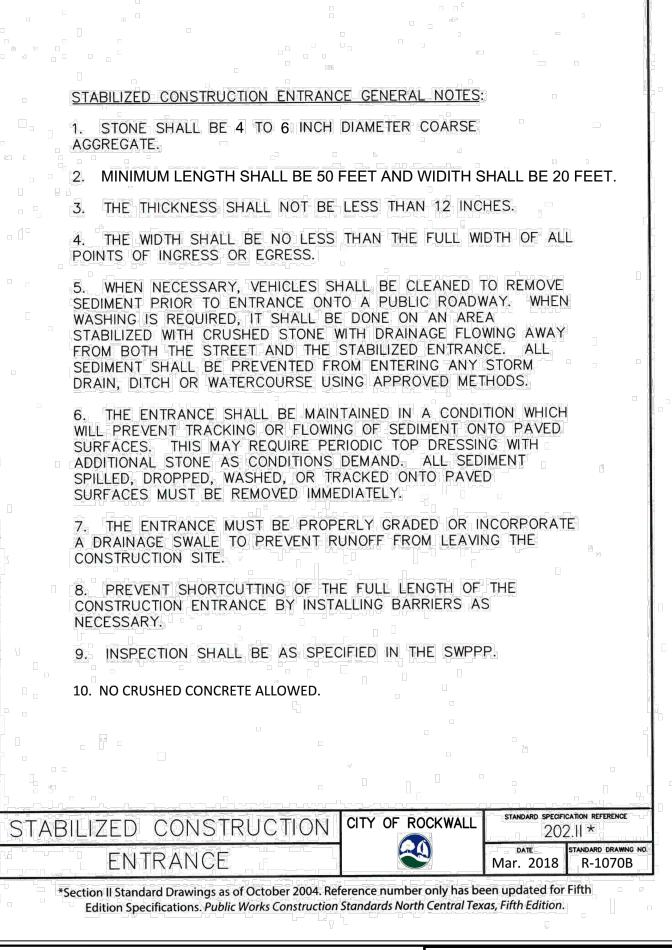
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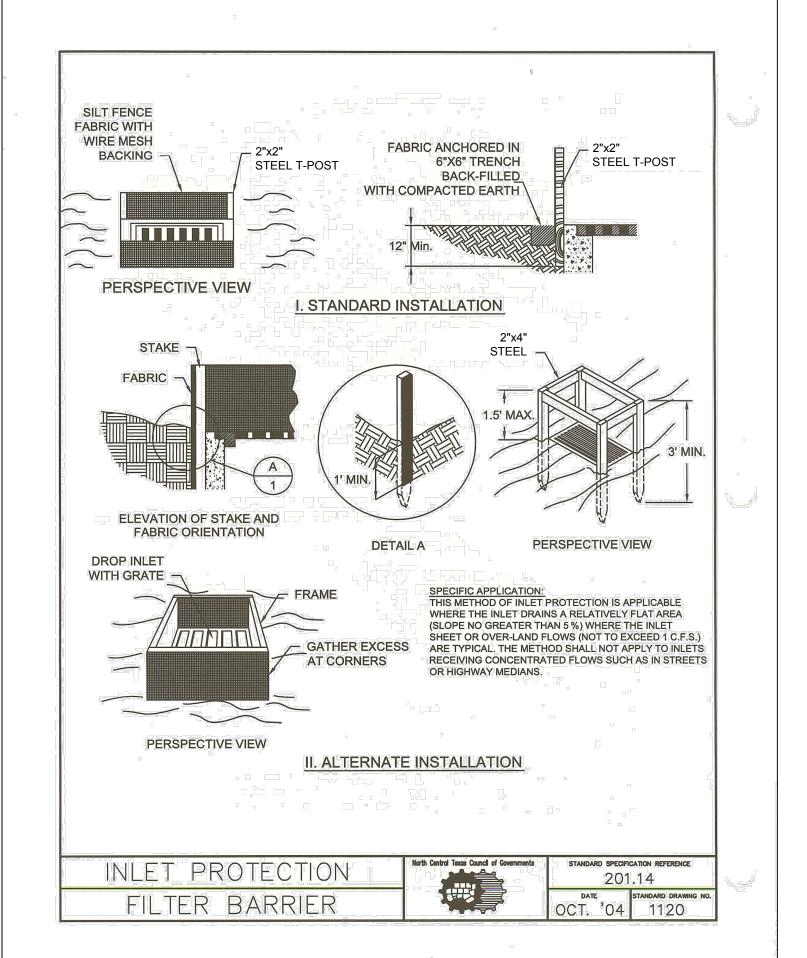
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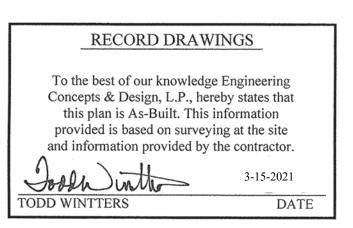












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	DRAWN: ECDLP	ATE: January 7, 2020
	CHECKED: TW	ATE: January 7, 2020
	PROJECT NO.: 5211	
	DWG FILE NAME: 16-EROSION CONTRO	L DETAILS.DWG

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF CONSTRUCTION.



EROSION CONTROL DETAILS
HORIZON ROAD SELF STORAGE
PHASE 1& 2 - 575 UNITS
TRACT 23 OF RAINBOW ACRES
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

SHEET

23