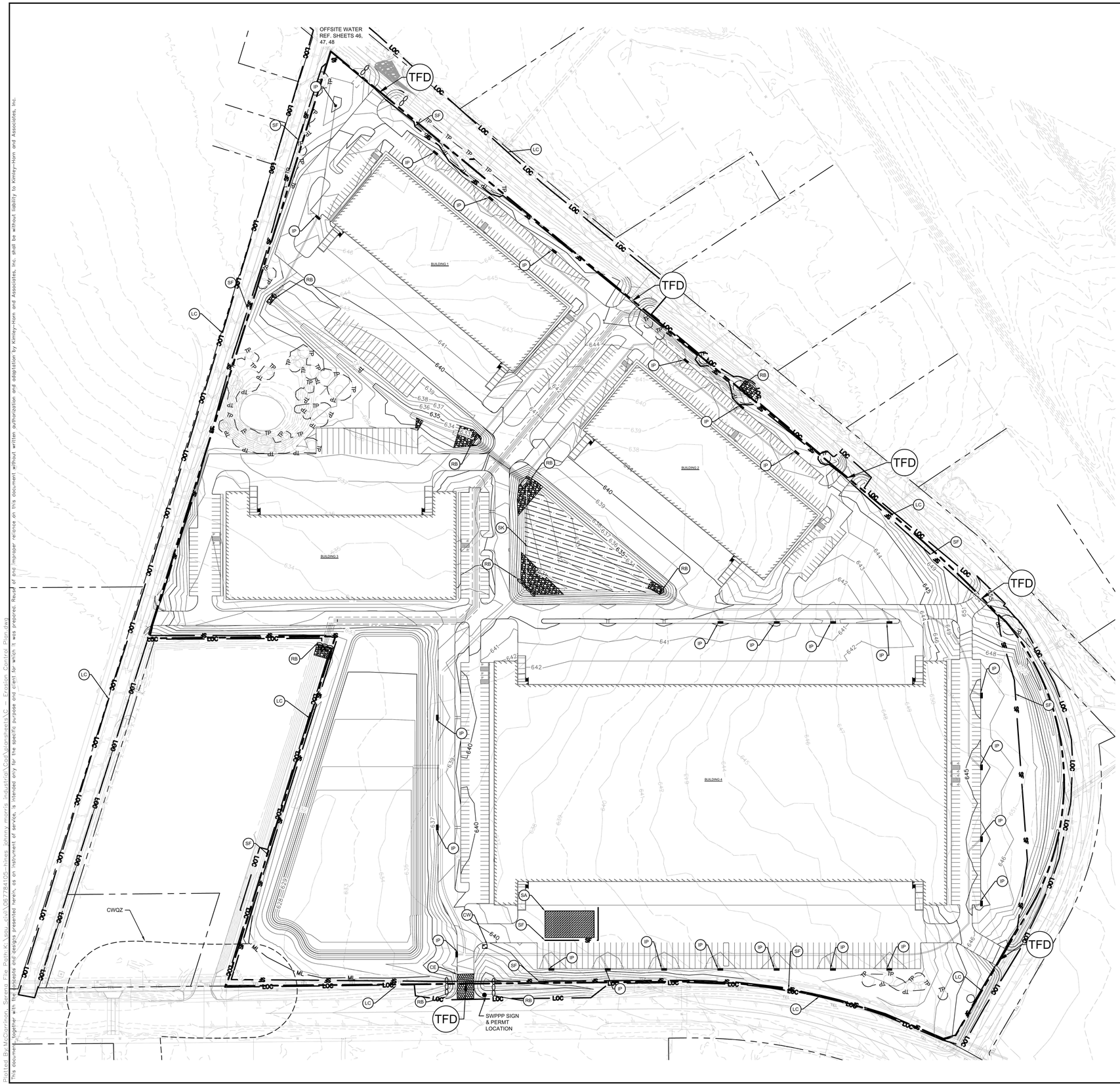

LEGEND

SF	SF	SILT FENCE
TP	TP	TREE PROTECTION
ML	MS	MULCH SOCK
	IP	PROPOSED INLET PROTECTION
	CE	CONSTRUCTION ENTRANCE
	SA	STAGING AND SPOILS AREA
	CW	CONCRETE WASHOUT
	SK	TEMPORARY SEDIMENTATION BASIN
	RB	ROCK BERM
450		EXISTING CONTOURS
450		PROPOSED CONTOURS
		LIMITS OF CONSTRUCTION AREA
		TREE TO REMAIN

BENCHMARKS

TBM:
1. SQUARE CUT ON TOP OF CONCRETE HEADWALL ELEVATION=632.73'

2. SQUARE CUT ON TOP OF CONCRETE HEADWALL ELEVATION=648.79'

811 Know what's below. Call before you dig.

WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

SITE PLAN APPROVAL SHEET ___OF 60
FILE NUMBER SP-2022-0051D APPLICATION DATE 02/16/2022
APPROVED BY COMMISSION ON_____ UNDER SECTION 112 OF CHAPTER XX-X OF THE CITY OF AUSTIN CODE.
EXPIRATION DATE (25-5-81,LDC)_____CASE MANAGER XXXX
PROJECT EXPIRATION DATE (ORD.#970905-A)_____DWPZ_____DDZ_____

Director, Development Services Department
RELEASED FOR GENERAL COMPLIANCE:_____ZONING XXXX
Rev. 1_____Correction 1_____
Rev. 2_____Correction 2_____
Rev. 3_____Correction 3_____

Final plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

No.	REVISIONS	DATE	BY

Kimley»Horn
5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100
AUSTIN, TX 78735
PHONE: 512-418-1771 FAX: 512-418-1791
WWW.KIMLEY-HORN.COM
KIMLEY-HORN AND ASSOCIATES, INC.
TBPE Firm No. 928
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STATE OF TEXAS
C.J. PONTON
127280
LICENSED
PROFESSIONAL ENGINEER
02/16/2022

KHA PROJECT 067784105
DATE FEBRUARY 2022
SCALE: AS SHOWN
DESIGNED BY: PTK
DRAWN BY: PTK
CHECKED BY: CJP

EROSION CONTROL PLAN

HINES JOHNNY MORRIS INDUSTRIAL

CITY OF AUSTIN
TRAVIS COUNTY, TEXAS

SHEET NUMBER
7 OF 60

SP-2022-0051D

Plotted By: McCormick, Sean; File Path: K:\Austin\067784105-Hines Johnny Morris Industrial\Civil\Plansheets\C6 - Erosion Control Plan.dwg
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PRELIMINARY ONLY

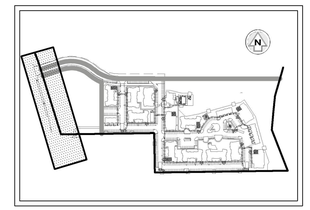
NOT FOR CONSTRUCTION

EROSION AND SEDIMENTATION CONTROL NOTES:

1. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE IMPLEMENTATION, MAINTENANCE AND EFFECTIVENESS OF ALL EROSION AND SEDIMENTATION CONTROLS.
2. CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE, MODIFICATION AND REMOVAL DATES OF EACH EROSION AND SEDIMENTATION CONTROLS AND BMP.
3. THE ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD, MODIFY AND REMOVE ANY EROSION AND SEDIMENTATION CONTROL ON THE SITE.
4. CONTRACTOR SHOULD UTILIZE DUST CONTROL MEASURES DURING THE SITE CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
5. TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME.
6. REFERENCE EROSION AND SEDIMENTATION CONSTRUCTION DETAILS INCLUDED IN THESE PLANS.
7. IF A DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAYS, THE DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION OR MULCH PER CITY STANDARDS.

SEQUENCE OF MAJOR ACTIVITIES:

1. TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO INCLUDE SILT FENCE, ROCK BERMS, AND STABILIZED CONSTRUCTION ENTRANCES WILL BE INSTALLED ACCORDING TO CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
2. TREE PROTECTION MEASURES WILL ALSO BE INSTALLED FOR ALL TREES WITH CONSTRUCTION ACTIVITIES WITHIN CRITICAL ROOT ZONE.
3. TEMPORARY SPOILS, CONSTRUCTION STAGING AND CONCRETE WASHOUT AREA WILL BE CONSTRUCTED.
4. FILTER FABRIC WILL BE USED TO COVER THE OVERFLOW WEIR TO PREVENT UNFILTERED RUNOFF FROM ENTERING THE LAND DOWNSTREAM.
5. TEMPORARY SEDIMENTATION BASIN WILL BE CONSTRUCTED.
6. AFTER THE SITE IS MASS GRADED, THE ONSITE DRAINAGE, UTILITIES, AND PAVING WILL BE INSTALLED.
7. INLET PROTECTION BARRIERS WILL BE INSTALLED AS CONSTRUCTION OF STORM SEWER TAKES PLACE IN ORDER TO PREVENT SEDIMENTS FROM ENTERING THE SYSTEM.
8. TEMPORARY SEDIMENTATION BASINS WILL BE CONVERTED TO PERMANENT WATER QUALITY PONDS.
9. SEDIMENTATION TRAPS SHALL BE CLEANED OUT AND FILTER MEDIUM INSTALLED CONCURRENT WITH RE-VEGETATION.
10. THE DISTURBED AREA TO REMAIN PERVIOUS WILL BE VEGETATED USING THE PROCEDURES DETAILED IN THE CONSTRUCTION PLANS AND ALL TEMPORARY EROSION CONTROL MEASURES WILL BE REMOVED UPON RE-VEGETATION.
11. ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION ARE EXPECTED TO BE DISTURBED DURING CONSTRUCTION.



KEY MAP

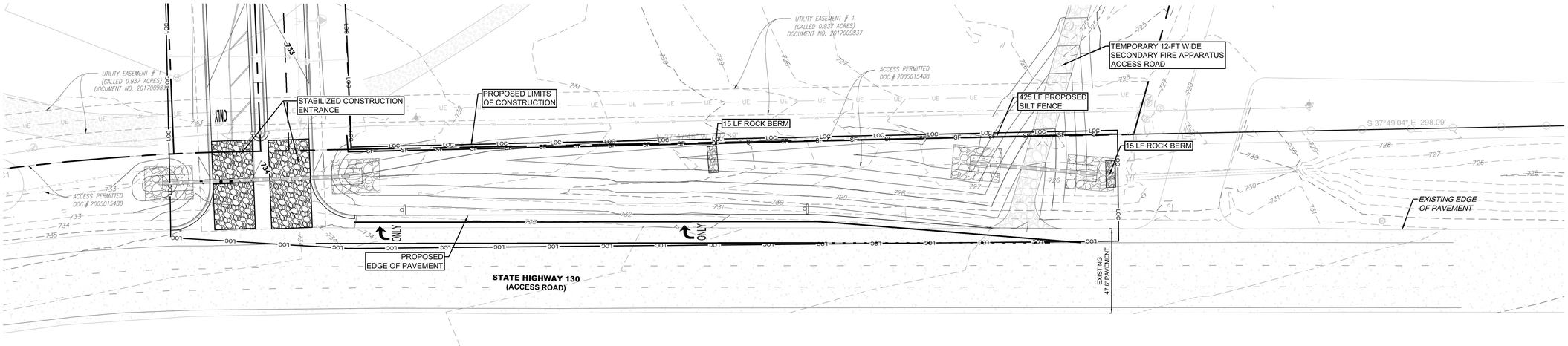
N.T.S.

0 40' 80'

SCALE: 1" = 40'

LEGEND

- 834 — EXISTING MINOR CONTOUR
- 835 — EXISTING MAJOR CONTOUR
- 834 — PROPOSED MINOR CONTOUR
- 835 — PROPOSED MAJOR CONTOUR
- PHASE LINE
- BOUNDARY LINE
- EASEMENT
- LOC — LIMITS OF CONSTRUCTION
- LIMITS OF CONSTRUCTION/SILT FENCE
- SF — SILT FENCE
- TP — TREE PROTECTION
- 100 YR FEMA FLOODPLAIN
- BERM — BERM
- FLOW DIRECTION
- EXISTING TREES
- EXISTING HERITAGE TREES
- REMOVED TREES
- REMOVED HERITAGE TREES
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- ROCK BERM
- TEMPORARY SPOILS AREA
- STAGING AREA
- CONCRETE WASHOUT AREA



NO.	REVISION	BY	DATE

Know what's below. Call before you dig.

5508 HIGHWAY 290 WEST
SUITE 150
AUSTIN, TX 78735
PHONE: 512.872.6696
HRGreen.com

TBPE NO: 16384
TBPLS NO: 10194101

HRGreen® DEVELOPMENT TX

DIEGO ROJAS SIGALA
134900
LICENSED
STATE OF TEXAS

10/05/2022

TURN LANE EROSION CONTROL

BERRY CREEK APARTMENTS

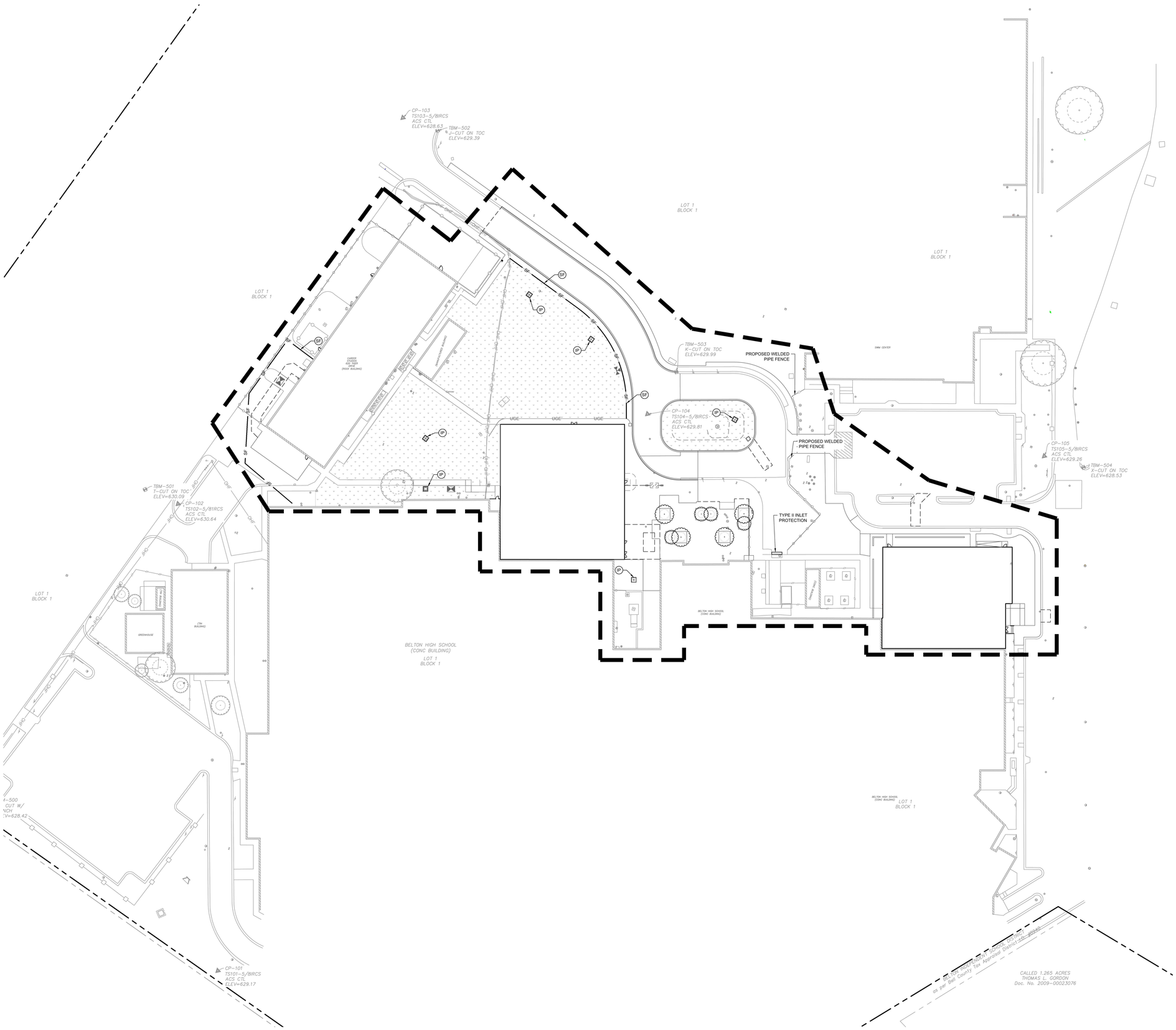
GEORGETOWN, TEXAS

DESIGNED BY:	MA/DR
DRAWN BY:	MA/MK
CHECKED BY:	SN
APPROVED BY:	DR

SHEET C9.1 [59]

2022-XX-SDP

Plot Style: LandDev Global.ctb
Template: LDC_C3D2022.DWT
P:\Projects Denver\Berry Creek Crossing\Multifamily Phase 1\03_ACAD\Plans\#2201\S EROSTA\C07 Turn Lane_EROSION CONTROL, October 05, 2022, 8:23 PM, DRojas



GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- PROPERTY BOUNDARY
- 900 — EXISTING CONTOUR
- 900 — PROPOSED CONTOUR
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED RETAINING WALL (TRIANGLE INDICATES FACE OF WALL)
- DIRECTION OF OVERLAND FLOW W/GRADE
- SF — SF — SILT FENCE (SEE DETAIL SHEET C1.5)
- TP — TP — TREE PROTECTION (SEE DETAIL SHEET C1.4)
- CE — CONSTRUCTION EXIT (SEE DETAIL SHEET C1.4)
- PERMANENT STABILIZATION
- RF — ROCK FILTER DAM (SEE DETAIL SHEET C1.4)
- IP — INLET PROTECTION
- TREE TO REMAIN

NOTES

1. AREAS CONTAINED WITHIN THE PROPERTY BOUNDARIES WILL BE AREAS OF DISTURBANCE AND SOIL STABILIZATION. ALL SOILS WITHIN THESE LIMITS SHALL BE STABILIZED BY VEGETATION OR STRUCTURE.
2. REFERENCE LANDSCAPE PLANS, BY OTHERS, FOR THE TREE PRESERVATION AND MITIGATION PLAN.

EROSION CONTROL SCHEDULE AND SEQUENCING

I.	ROUGH GRADING/ DEMOLITION	CONSTRUCTION ENTRANCE/EXIT, TREE PROTECTION, FILTER DAMS AND SILT FENCE PROTECTION SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING, AS NEEDED.
II.	UTILITY INSTALLATION	ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING UTILITY INSTALLATION.
III.	PAVING	ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT.
IV.	FINAL GRADING/ SOIL STABILIZATION/ LANDSCAPING	ALL TEMPORARY EROSION CONTROL MEASURES TO BE REMOVED AT THE CONCLUSION OF THE PROJECT AS DIRECTED BY THE CITY OR COUNTY.

NOTE: THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION, IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

BENCHMARK LIST

TBM #501
"T" SET ON TOP OF CURB
N:10,370,038.276, E: 3,192,589.597
ELEV.=630.09'

TBM #502
"J" SET ON TOP OF CURB
N:10,370,216.163, E: 3,192,138.298
ELEV.=629.39'

TBM #503
"K" SET AT TOP OF CURB
N: 10,370,531.009, E: 3,192,303.348
ELEV.=629.99'

TBM #504
"X" SET AT TOP OF CURB
N: 10,370,967.798, E: 3,192,269.442
ELEV.=628.53'

811 Know what's below. Call before you dig.

CAUTION!!
EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

Kimley»Horn

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10101 REUNION PLACE, SUITE 400, SAN ANTONIO, TX 78216
PHONE: 210-541-9166 FAX: 210-541-8699
WWW.KIMLEY-HORN.COM TBPE FIRM NO. 928

O'CONNELL ROBERTSON
Austin
San Antonio
Houston
811 Barton Springs Road, Suite 900, Austin, Texas 78704 p: 512.478.7284 f: 512.478.7441
4040 Broadway, Suite 300, San Antonio, Texas 78209 p: 210.224.6433 f: 210.224.6453
700 Milam, Suite 1300, Houston, Texas 77002 p: 713.401.1303 f: 713.401.1313

BELTON ISD
BELTON HS ADDITIONS & RENOVATIONS
600 LAKE ROAD, BELTON, TX 76513

STATE OF TEXAS
T. MUELLER
130832
LICENSED
PROFESSIONAL ENGINEER

Revisions:

NO.	DESCRIPTION	DATE

03/01/23
Project No. 2258.00
PACKAGE 01
CONTRACT DOCUMENTS

EROSION CONTROL PLAN

C3.00

Plotted By:Mueller, Tee March 02, 2023 02:47:21pm K:\ens_civil\06873390-belton hs\CAD\plansheets\C-EROS-06873390.dwg
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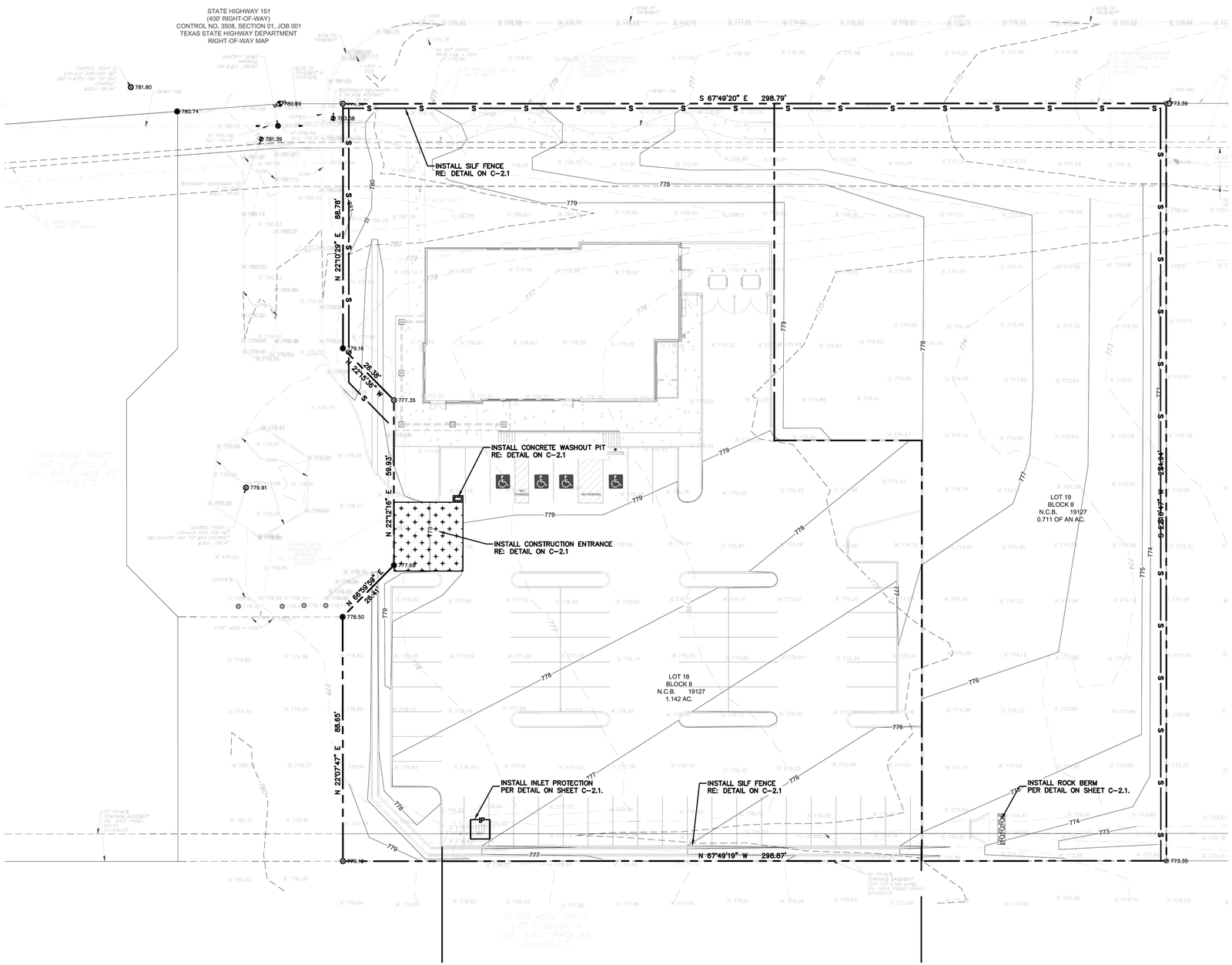


SCALE: 1"=20'

0 10 20 40

LEGEND

- SANITARY SEWER MANHOLE
- MAGNAIL (AS NOTED)
- 6' WOODEN BOLLARD
- IRON ROD FOUND/SET (AS NOTED)
- FOUND 1/2" IRON ROD WITH PLASTIC YELLOW CAP "PAPE DAWOSON"
- SET 1/2" IRON ROD WITH PLASTIC GREEN CAP "UP ENG & SURVEY"
- SIGN (AS NOTED)
- WATER VALVE
- FIRE HYDRANT
- CONSTRUCTION ENTRANCE
- INSTALL SILT FENCE
- INLET PROTECTION
- ROCK BERM

NOTE:
SURVEY WAS PERFORMED BY UP ENGINEERING+SURVEYING. CONTACT UP AT (210) 774-5504 FOR ANY SURVEY QUESTIONS, COORDINATION OR NEEDS.

SITE INFO

LEGAL DESCRIPTION

BEING A TOTAL OF 1.853 ACRE TRACT OF LAND, ESTABLISHING LOT 18, BLOCK 8, AND LOT 19, BLOCK 8, BEING OUT OF 5.557 ACRE TRACT, RECORDED IN VOLUME 17228, PAGE 1518, OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS. SITUATED IN THE S.M. COLLARD SURVEY NO. 258, ABSTRACT NO. 152, N.C.B. 19127, IN THE CITY OF SAN ANTONIO, BEXAR COUNTY TEXAS.

FLOOD INFORMATION

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED WITHIN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 48029C0370G, WHICH BEARS AN EFFECTIVE DATE OF SEPTEMBER 29, 2010 AND IS NOT A SPECIAL FLOOD HAZARD AREA. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

ZONE "X" DENOTES AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

BENCHMARK INFORMATION

BM #1
N: 13706834.4300'
E: 2077487.7740'
ELEVATION: 781.39'

BM #2
N: 13706831.4900'
E: 2077514.7870'
ELEVATION: 783.08'

Balanced Site Design, LLC
12950 Country Parkway
Suite 150
San Antonio, TX 78216
210.819.4144

balanced SITE DESIGN

STATE OF TEXAS
LAND RESPONDER
129700
LICENSED
11/17/2022

REV.	DESCRIPTION	DATE
	PERMIT SET	8/24/22
1	CITY COMMENTS	10/27/22

Black Bear Diner

STORM WATER POLLUTION PREVENTION PLAN

BLACK BEAR DINER
8614 SH 151
SAN ANTONIO, BEXAR COUNTY, TEXAS

DATE: 011/17/2022

SHEET: C-2.0

A TEXAS REGISTERED ENGINEERING FIRM (REGISTRATION NO. F-20750) Copyright 2020 - BALANCED SITE DESIGN, LLC. All Rights Reserved.

CITY OF SAN ANTONIO
SITE
CON-PRJ-APP22-39803027

E:\210140 BLACK BEAR DINER\DESIGN\CONSTRUCTION DOCS\210140 C-2.0 SWPPP.DWG

GENERAL NOTES:

1. PROVIDE BAGGED GRAVEL INLET FILTERS AT ALL EXPOSED DRAINAGE STRUCTURES.
2. SOIL DISTURBANCES WILL OCCUR OVER PARTS OF SITE AS INDICATED ON PLAN.
3. LOCATIONS OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS ARE LABELED.
4. THESE ARE THE TEMPORARY AND PERMANENT BEST MANAGEMENT PRACTICES.
5. SOIL STABILIZATION PRACTICES SHALL OCCUR OVER THE ENTIRE SITE WITH THE USE OF PAVEMENT, BUILDINGS, SIDEWALKS, GRASS SOD, GRASS SEEDING AND MULCH.
6. THERE ARE NO LOCATIONS WHERE STORMWATER DISCHARGES TO SURFACE WATER.

SITE INFORMATION:

DATA ON INDICATED SUBSURFACE CONDITIONS ARE NOT INTENDED AS REPRESENTATIONS OR WARRANTIES OF ACCURACY OR CONTINUITY BETWEEN SOIL BORINGS. IT IS EXPRESSLY UNDERSTOOD THAT THE OWNER, ARCHITECT, AND/OR STRUCTURAL, CIVIL OR MECHANICAL, PLUMBING OR ELECTRICAL ENGINEER WILL NOT BE RESPONSIBLE FOR INTERPRETATIONS OR CONCLUSIONS DRAWN THEREFROM BY CONTRACTOR. DATA ARE MADE AVAILABLE FOR CONVENIENCE OF CONTRACTOR ONLY AND AS SUCH, THE SOIL BORINGS ARE NOT CONSIDERED TO BE A PART OF THESE CONTRACT DOCUMENTS. THE CONTRACTOR MAY, AT HIS OPTION, OBTAIN A COPY OF THE GEOTECHNICAL REPORT.

TREE REMOVAL NOTE:

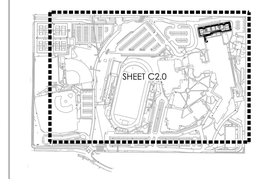
CONTRACTOR IS TO COORDINATE WITH LANDSCAPE PLANS FOR FINAL TREE REMOVAL INSTRUCTIONS.

LEGEND

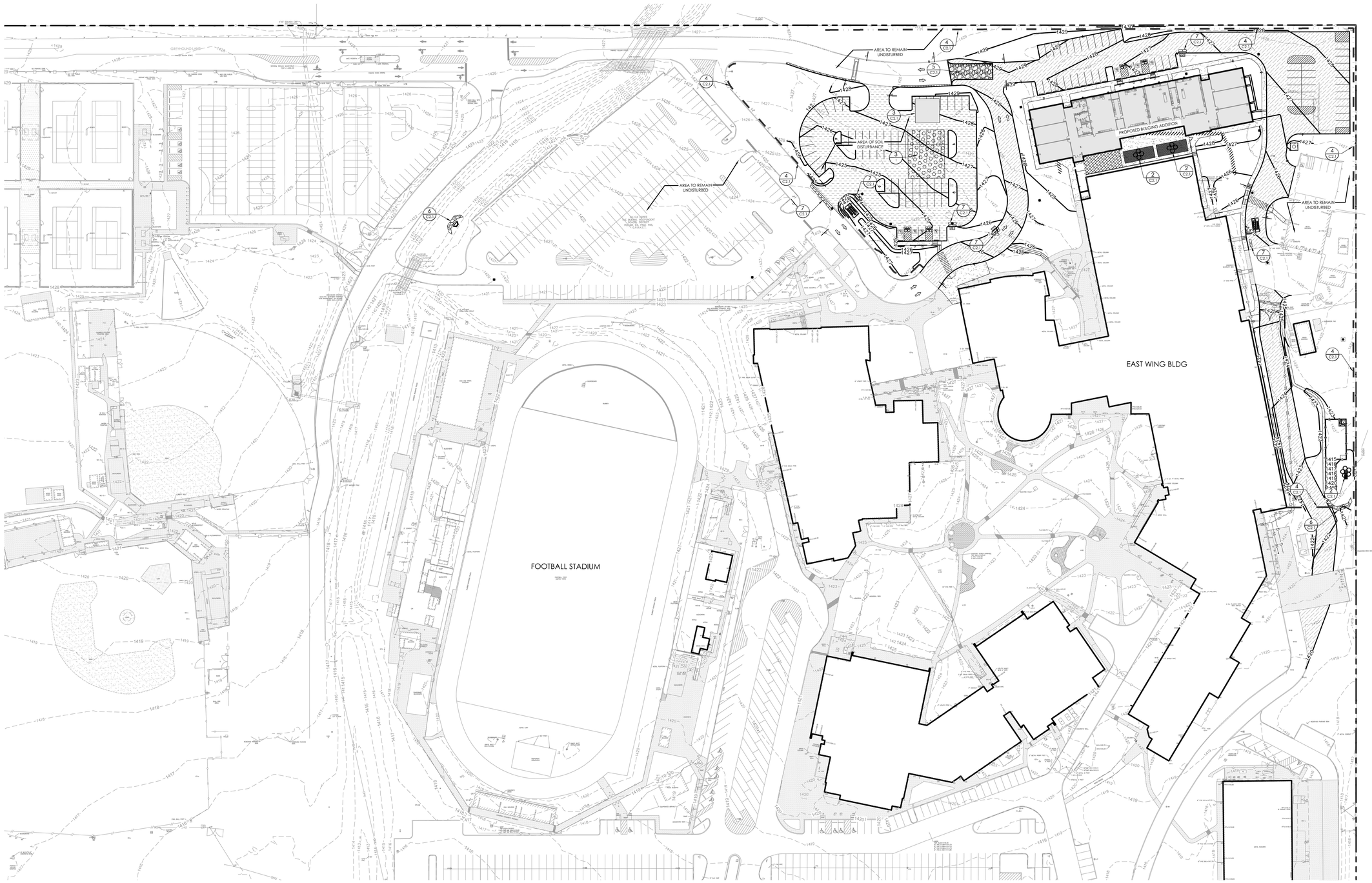
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE
- CHAINLINK FENCE
- ROCK BERM
- GRAVEL INLET FILTER
- STABILIZED CONSTRUCTION EXIT
- NEW LIGHT DUTY FLEXIBLE PAVEMENT
- NEW HEAVY DUTY FLEXIBLE PAVEMENT
- NEW RIGID PAVEMENT
- NEW CONCRETE SIDEWALK/FLATWORK
- CONSTRUCTION STAGING AREA
- DRAINAGE FLOW ARROW

SCALE: 1"=50'

50 25 0 50



KEY MAP
NOT TO SCALE



Stantec

Stantec Architecture Inc.
70 NE Interstate 410 Loop #1100
San Antonio, TX 78216
Tel: (210) 525-9090 • www.stantec.com

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Consultant

MTR
• Engineers
• Surveyors
• Planners

Moy Tarin Ramirez Engineers, LLC
FIRM TBPE NO. F-5297 & TBPLS NO. 10131500
12770 CIMARRON PATH, SUITE 100
SAN ANTONIO, TEXAS 78249
TEL: (210) 698-5051
FAX: (210) 698-5085

Notes

Revision	By	Appd	YYYY.MM.DD

Issued	By	Appd	YYYY.MM.DD
ISSUED FOR BID & PERMIT	KN	JR	2023.01.13

Permit/Seal

STATE OF TEXAS
ROLANDO RAMIREZ JR.
87870
REGISTERED
PROFESSIONAL ENGINEER
1/13/23

Client/Project Logo

Client/Project
BOERNE INDEPENDENT SCHOOL DISTRICT

BOERNE HIGH SCHOOL CLASSROOM ADDITION

1 GREYHOUND LANE
BOERNE, TX 78006

Title

STORM WATER POLLUTION PREVENTION PLAN

Project No. 214000998

Scale AS indicated

Revision

Drawing No. **C2.0**

ORIGINAL SHEET - ARCH E1