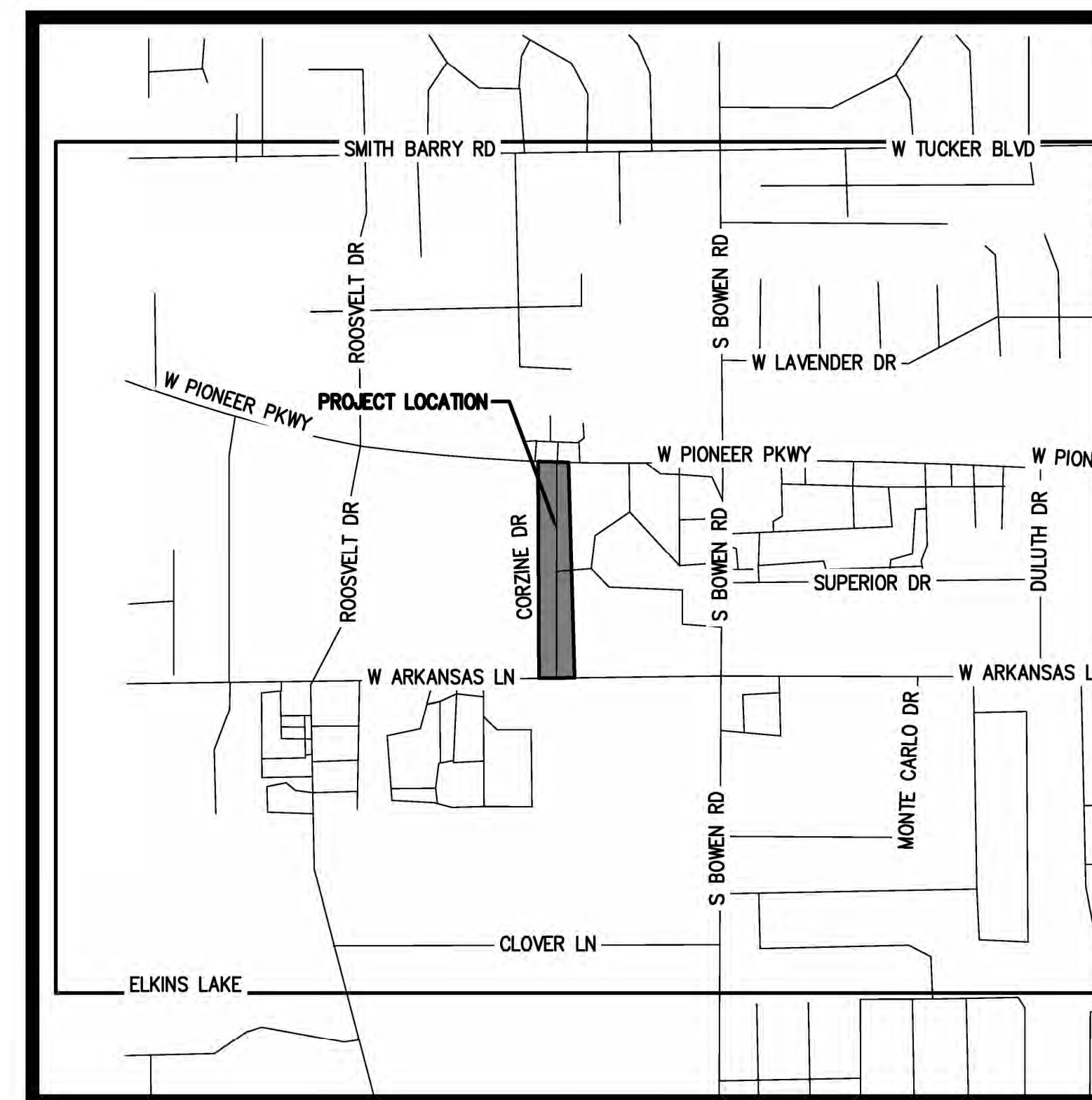


# CIVIL CONSTRUCTION PLANS FOR CORZINE DRIVE STORM DRAIN IMPROVEMENTS



VICINITY MAP  
NOT TO SCALE

## IN DALWORTHINGTON GARDENS, TX TARRANT COUNTY

PERMIT SET  
MAY 2023

Sheet List Table	
Sheet Number	Sheet Title
C1.0	COVER SHEET
C1.1	GENERAL NOTES & SITE MAP
C2.1	DEMOLITION PLAN
C3.1	PAVING PLAN
C4.1	GRADING PLAN
C4.2	GRADING PLAN
C5.1	DRAINAGE AREA MAP
C5.2	DRAINAGE CALCULATIONS
C5.3	HYDRAULIC CALCULATIONS
C6.1	STORM PLAN AND PROFILE
C6.2	STORM PLAN AND PROFILE
C6.3	STORM PLAN AND PROFILE
C7.1	EROSION CONTROL PLAN
C7.2	EROSION CONTROL DETAILS
C8.1	GRATE INLET RISER & JUNCTION BOX DETAILS
C8.2	4'x4' JUNCTION BOX DETAILS
C8.3	SLOTTED DRAIN DETAIL
C8.4	SLOTTED DRAIN DETAIL

ENGINEER/SURVEYOR:

TOPOGRAPHIC, INC.  
481 WINSKOTT RD, STE. 200.  
BENBROOK, TEXAS 76126  
CONTACT: KYLON M. WILSON, P.E.  
PHONE: 817-744-7512

OWNER:

GARY PARKER  
PUBLIC WORKS DIRECTOR  
CITY OF DALWORTHINGTON  
GARDENS  
2600 ROOSEVELT DRIVE  
GPARKER@CITYOFDWG.NET

PREPARED BY:

**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
481 WINSKOTT RD, STE. 200 • BENBROOK, TEXAS 76126  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
TEXAS FIRM REGISTRATION NO. 18409  
TEXAS FIRM REGISTRATION NO. 10042504  
WWW.TOPOGRAPHIC.COM

**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
481 WINSKOTT RD, STE. 200 • BENBROOK, TEXAS 76126  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
TEXAS FIRM REGISTRATION NO. 18409  
TEXAS FIRM REGISTRATION NO. 10042504  
WWW.TOPOGRAPHIC.COM

CORZINE DRIVE STORM DRAIN IMPROVEMENTS  
DALWORTHINGTON GARDENS, TARRANT COUNTY, TX

COVER SHEET

REVISION DESCRIPTION

NO. DATE

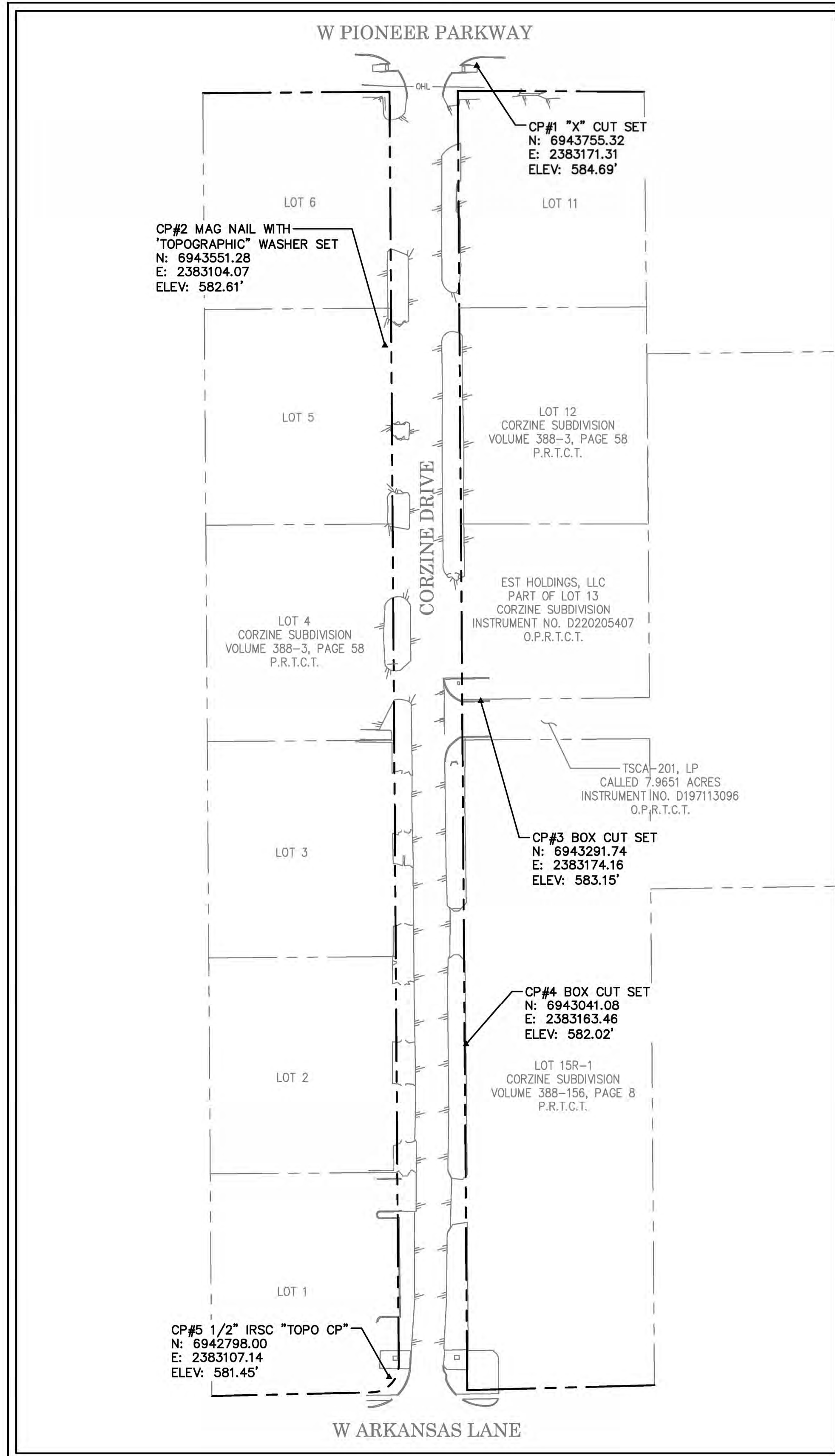
PRELIMINARY, THIS DRAWING SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS FINAL CONSTRUCTION DRAWINGS.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF KYLON M. WILSON, P.E. TEXAS REGISTRATION NO. 77520

SHEET NO.

C1.0

SITE MAP



GENERAL NOTES:

1. THE EXISTING UTILITIES ARE SHOWN FOR REFERENCE ONLY. THEIR LOCATIONS ARE APPROXIMATE AND NOT TO BE CONSIDERED AS ACCURATE NOR ALL INCLUSIVE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. FOR UTILITY LINE LOCATIONS, CALL DIGTESS (TEXAS811).
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGED EXISTING UTILITIES AT HIS EXPENSE.
4. CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTROL POINTS ARE FURNISHED FOR THE CONTRACTOR'S USE TO STAKE THE PROPOSED IMPROVEMENTS. HE SHALL BE RESPONSIBLE FOR PROTECTING THESE POINTS AND TRANSFERRING THEM TO AN AREA OUTSIDE OF THE CONSTRUCTION LIMITS IF NECESSARY.
5. SOME SUGGESTED EROSION CONTROL MEASURES ARE SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A STORM WATER POLLUTION PREVENTION PLAN AND SUBMITTING ALL REQUIRED TPDES DOCUMENTATION, INCLUDING N.O.I. AND N.O.T. FORMS, AND MEETING ALL REQUIREMENTS OF THE TCEQ REGULATIONS.
6. EXCESS EXCAVATED MATERIAL SHALL BE SPREAD ON SITE AT THE DIRECTION OF THE OWNER/ENGINEER. LARGE ROCKS (3" & LARGER) SHALL BE HAULED OFF SITE AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL RETURN ALL EXCAVATED AREAS, FENCES, UTILITIES, PAVED AREAS, ETC., TO THEIR PRECONSTRUCTION CONDITION OR BETTER. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NOT A SEPARATE BID ITEM, UNLESS OTHERWISE SHOWN ON THE BID SCHEDULE.
8. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES AND SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL, PUMPING, AND DEWATERING NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NOT A SEPARATE PAY ITEM.
9. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT AND CENTER OF PIPE UNLESS OTHERWISE NOTED.
10. THE CONTRACTOR SHALL MAINTAIN A 2' SEPARATION DISTANCE BETWEEN WATER LINES AND STORM DRAINS.
11. ALL VALVE BOXES AND CLEAN OUTS OR OTHER APPURTENANCES REMAINING WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED FLUSH WITH THE PROPOSED GRADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING AND ESTABLISHING GRASS IN THE AREAS OF DISTURBED SOIL. HYDROMULCHING OR SODDING MAY BE SUBSTITUTED FOR SEEDING, AT NO ADDITIONAL COST, AT THE CONTRACTOR'S OPTION.

UTILITY CONTACTS:

THE LOCATION AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

ONCOR .....888-222-8045  
 ATMOS ENERGY (EMERGENCY).....1-866-322-8667  
 AT&T.....817-709-9529  
 TEXAS ONE CALL (CALL BEFORE YOU DIG!).....811  
 48 HOURS PRIOR TO CONSTRUCTION

BENCHMARKS:

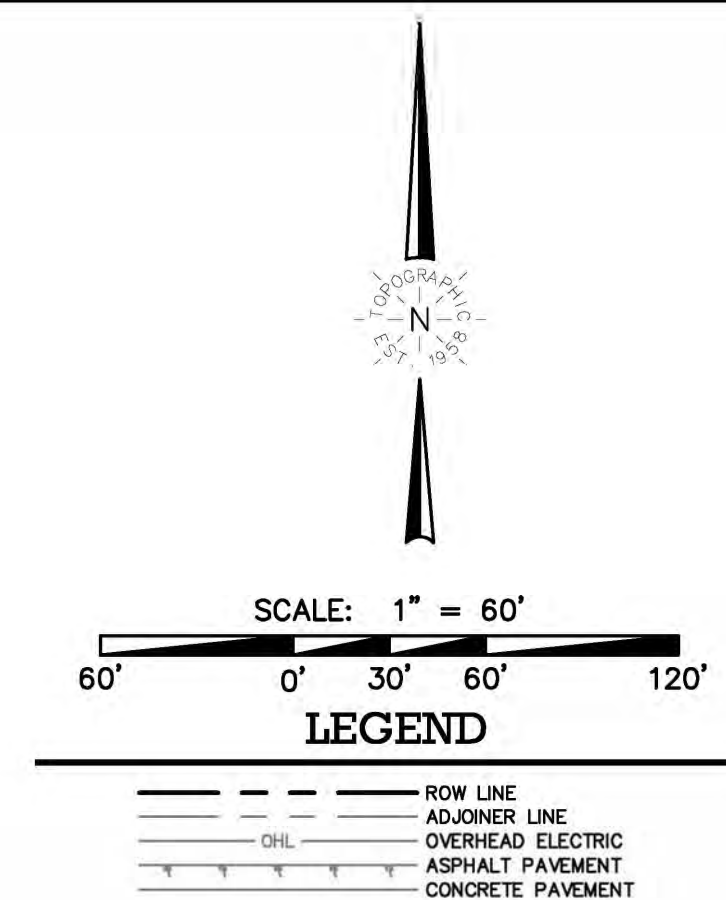
CP#1 "X" CUT SET  
N: 6943755.32 ELEV: 584.69'  
E: 2383171.31

CP#2 MAG NAIL WITH  
"TOPOGRAPHIC" WASHER SET  
N: 6943551.28 ELEV: 582.61'  
E: 2383104.07

CP#3 BOX CUT SET  
N: 6943291.74 ELEV: 583.15'  
E: 2383174.16

CP#4 BOX CUT SET  
N: 6943041.08 ELEV: 582.02'  
E: 2383163.46

CP#5 1/2" IRSC "TOPO CP"  
N: 6942798.00 ELEV: 581.45'  
E: 2383107.14



**TOPOGRAPHIC**  
 LOYALTY INNOVATION LEGACY

481 WINSCOTT RD. STE. 200 • BENBROOK, TEXAS 76126  
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
 TEXAS FIRM REGISTRATION NO. 18409  
 TEXAS FIRM REGISTRATION NO. 10042504  
 WWW.TOPOGRAPHIC.COM

CORZINE DRIVE STORM DRAIN IMPROVEMENTS  
 DALWORTHINGTON GARDENS, TARRANT COUNTY, TX

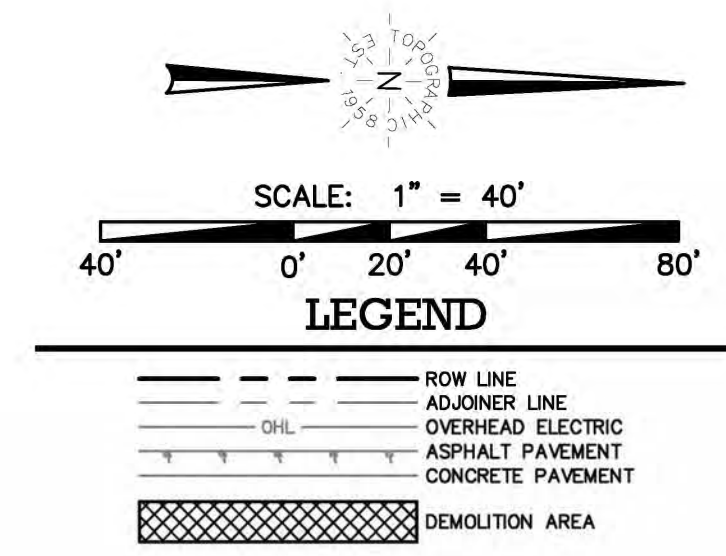
GENERAL NOTES & SITE MAP

NO.	DATE	REVISION DESCRIPTION

PRELIMINARY, THIS DRAWING SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS FINAL CONSTRUCTION DRAWINGS.

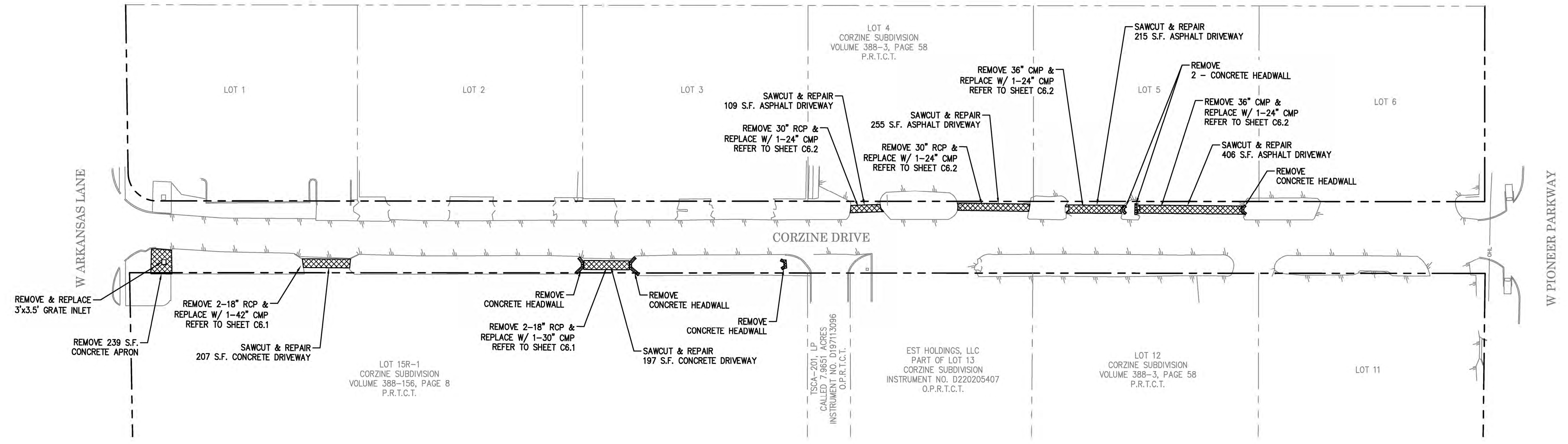
PLANS PREPARED UNDER THE DIRECT SUPERVISION OF KYLON M. WILSON, P.E. TEXAS REGISTRATION NO. 77520

SHEET NO.  
**C1.1**



**CORZINE DRIVE STORM DRAIN IMPROVEMENTS  
DALWORTHINGTON GARDENS, TARRANT COUNTY, TX**

**DEMOLITION PLAN**

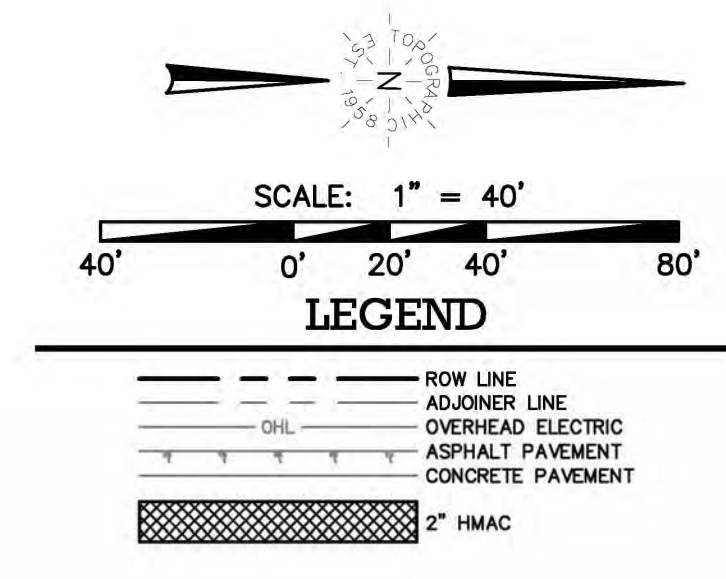


NO.	DATE	REVISION DESCRIPTION

PRELIMINARY, THIS DRAWING SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS FINAL CONSTRUCTION DRAWINGS.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF KYLON M. WILSON, P.E. TEXAS REGISTRATION NO. 77520

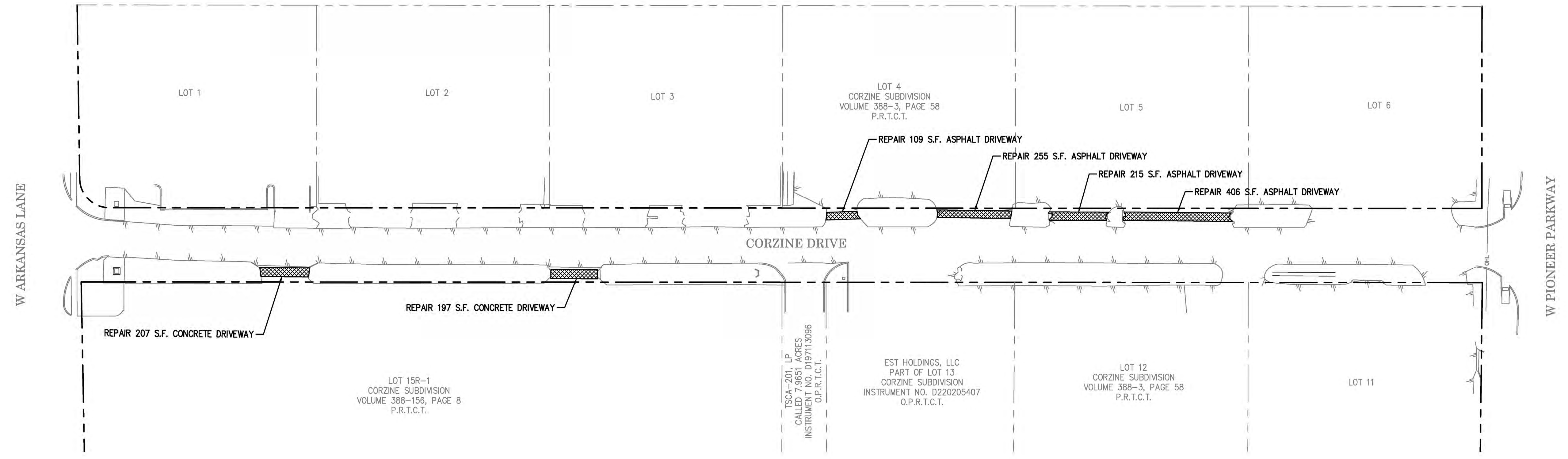
SHEET NO.  
**C2.1**



**TOPOGRAPHIC**  
 LOYALTY INNOVATION LEGACY  
 481 WINSCOTT RD. STE. 200 • BENBROOK, TEXAS 76126  
 TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554  
 TEXAS FIRM REGISTRATION NO. 18409  
 TEXAS FIRM REGISTRATION NO. 10042504  
 WWW.TOPOGRAPHIC.COM

**CORZINE DRIVE STORM DRAIN IMPROVEMENTS  
 DALWORTHINGTON GARDENS, TARRANT COUNTY, TX**

**PAVING PLAN**



LOT 15R-1  
 CORZINE SUBDIVISION  
 VOLUME 388-156, PAGE 8  
 P.R.T.C.T.

TSSCA-201, LP  
 CALLED 7.9651 ACRES  
 INSTRUMENT NO. D197113096  
 O.P.R.T.C.T.

EST HOLDINGS, LLC  
 PART OF LOT 13  
 CORZINE SUBDIVISION  
 INSTRUMENT NO. D220205407  
 O.P.R.T.C.T.

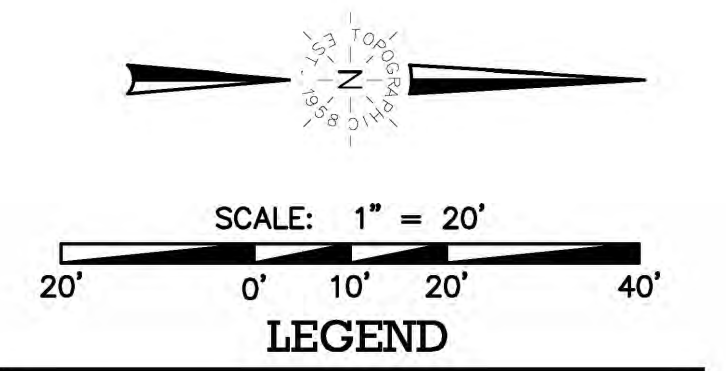
LOT 12  
 CORZINE SUBDIVISION  
 VOLUME 388-3, PAGE 58  
 P.R.T.C.T.

NO.	DATE	REVISION DESCRIPTION

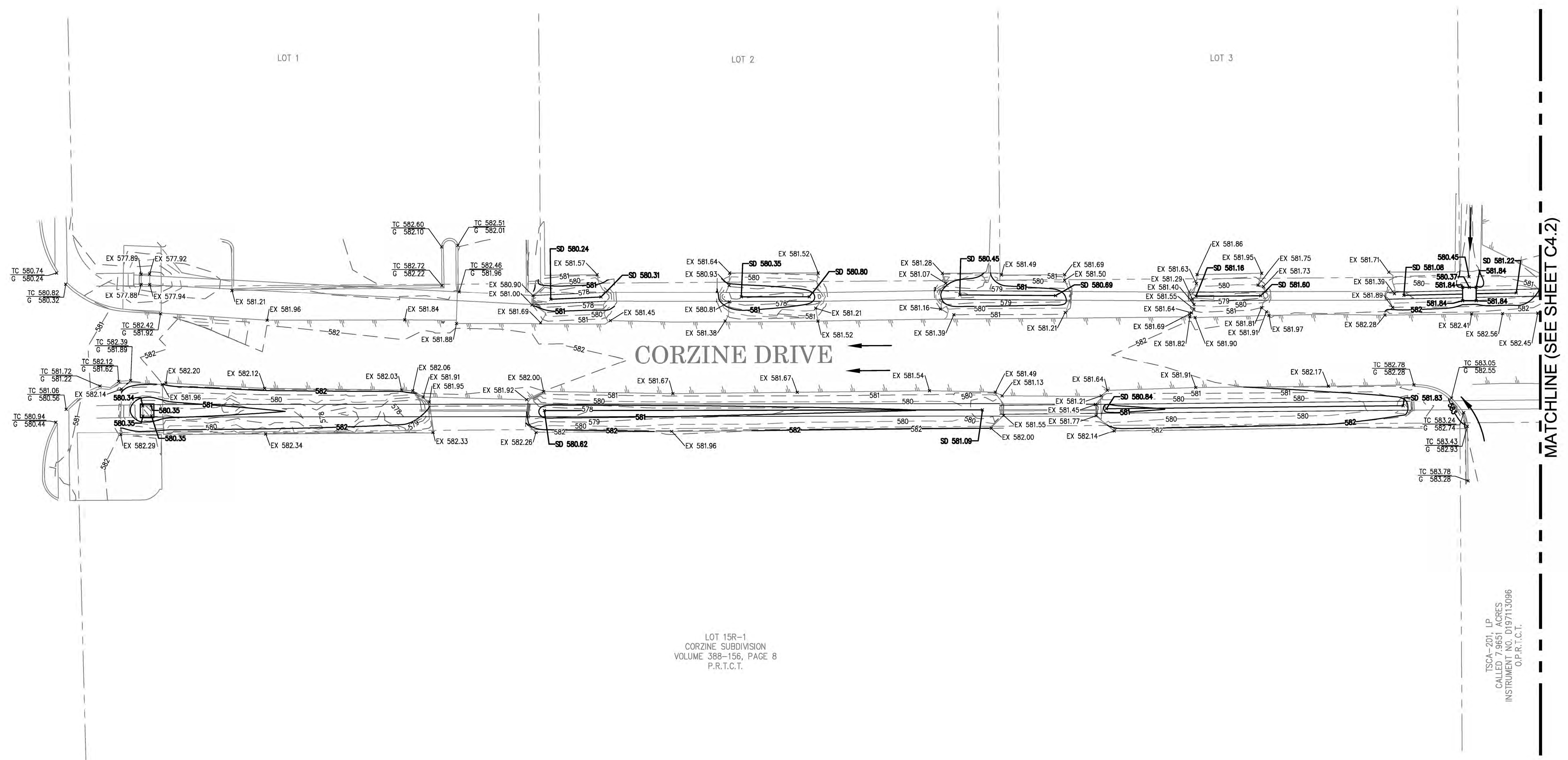
PRELIMINARY, THIS DRAWING SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS FINAL CONSTRUCTION DRAWINGS.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF KYLON M. WILSON, P.E. TEXAS REGISTRATION NO. 77520

SHEET NO.  
**C3.1**



- ROW LINE
- ADJONER LINE
- OVERHEAD ELECTRIC
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- PROPOSED CONTOUR
- EXISTING CONTOUR
- EX 932.88 PROPOSED SPOT ELEVATION
- EX 932.88 EXISTING SPOT ELEVATION
- TC 930.0 EXISTING TOP OF CURB AND GUTTER ELEVATION
- SD 932.88 PROPOSED SLOTTED DRAIN ELEVATION



LOT 15R-1  
 CORZINE SUBDIVISION  
 VOLUME 388-156, PAGE 8  
 P.R.T.C.T.

TSCA-201, LP  
 CALLED 7.9651 ACRES  
 INSTRUMENT NO. 0197113096  
 O.P.R. I.C.T.

**CORZINE DRIVE STORM DRAIN IMPROVEMENTS  
 DALWORTHINGTON GARDENS, TARRANT COUNTY, TX**

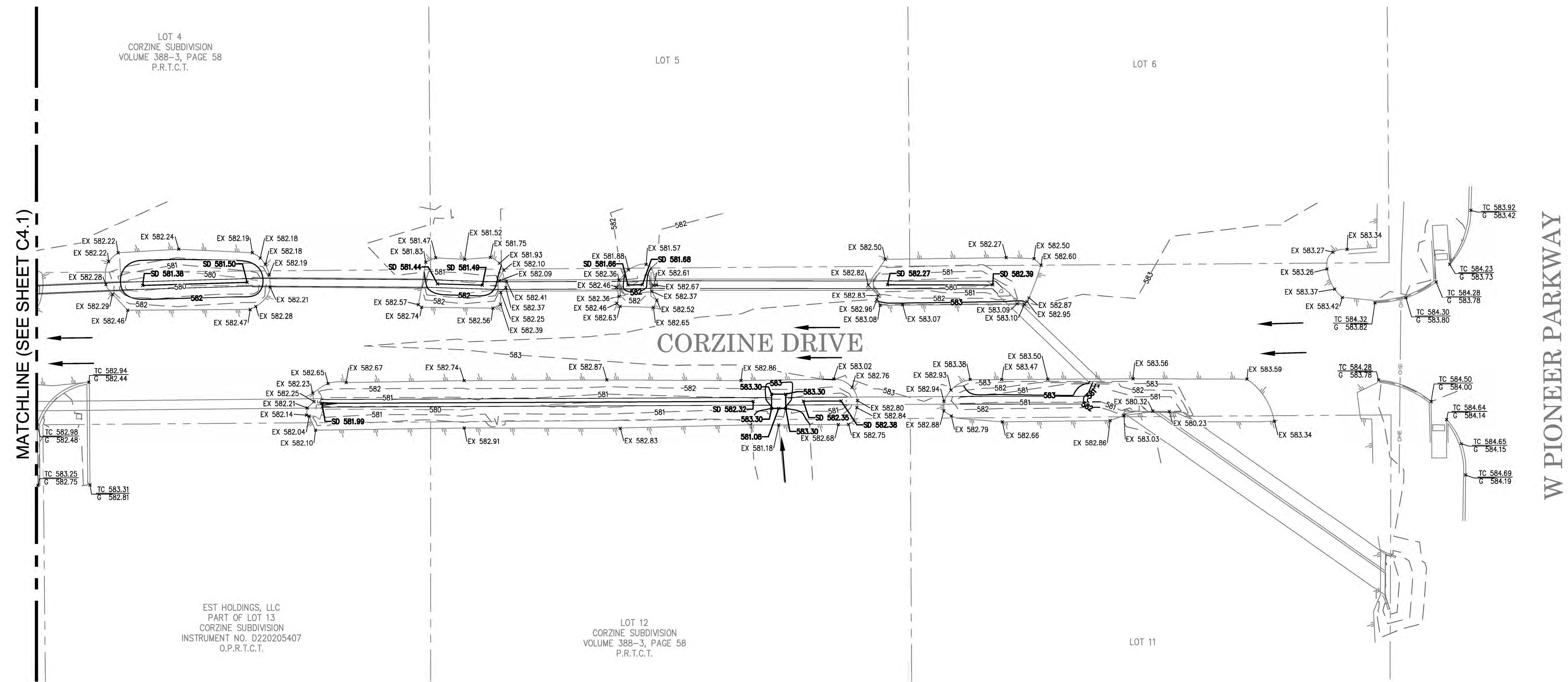
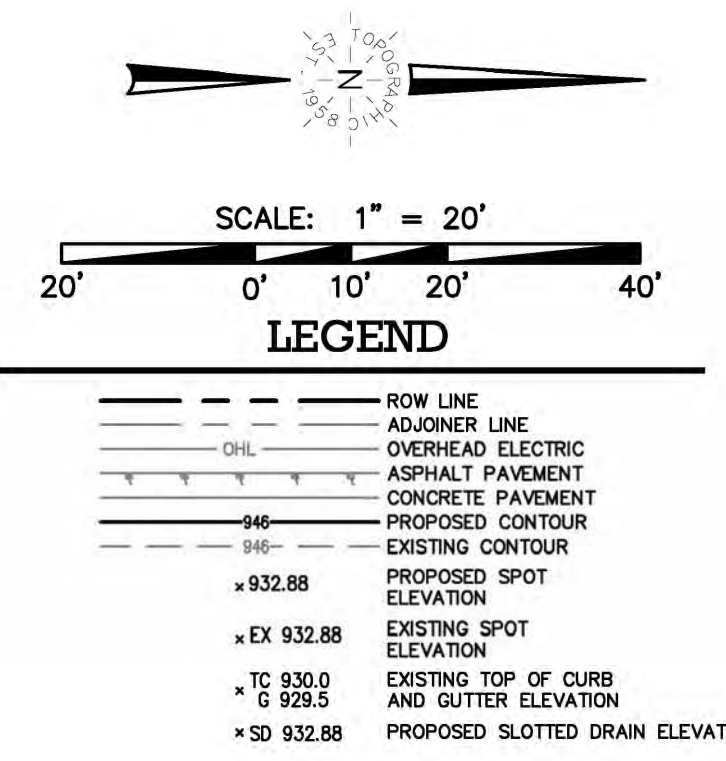
**GRADING PLAN**

NO.	DATE	REVISION DESCRIPTION

PRELIMINARY, THIS DRAWING SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS FINAL CONSTRUCTION DRAWINGS.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF KYLON M. WILSON, P.E. TEXAS REGISTRATION NO. 77520

SHEET NO.  
**C4.1**



**CORZINE DRIVE STORM DRAIN IMPROVEMENTS**  
**DALWORTHINGTON GARDENS, TARRANT COUNTY, TX**

**GRADING PLAN**

NO.	DATE	REVISION DESCRIPTION

PRELIMINARY, THIS DRAWING SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS FINAL CONSTRUCTION DRAWINGS.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF KYLON M. WILSON, P.E. TEXAS REGISTRATION NO. 77520

SHEET NO.  
**C4.2**