

CONSTRUCTION PLANS FOR UNIVERSITY PARK PHASE 2 STORM DRAIN REPLACEMENT CITY OF UNIVERSITY PARK, TEXAS

CITY PROJECT NUMBER 2021405



THOMAS H. STEWART
MAYOR

GAGE A. PRICHARD, SR.
MAYOR PRO TEM

RANDY BIDDLE
COUNCIL MEMBER

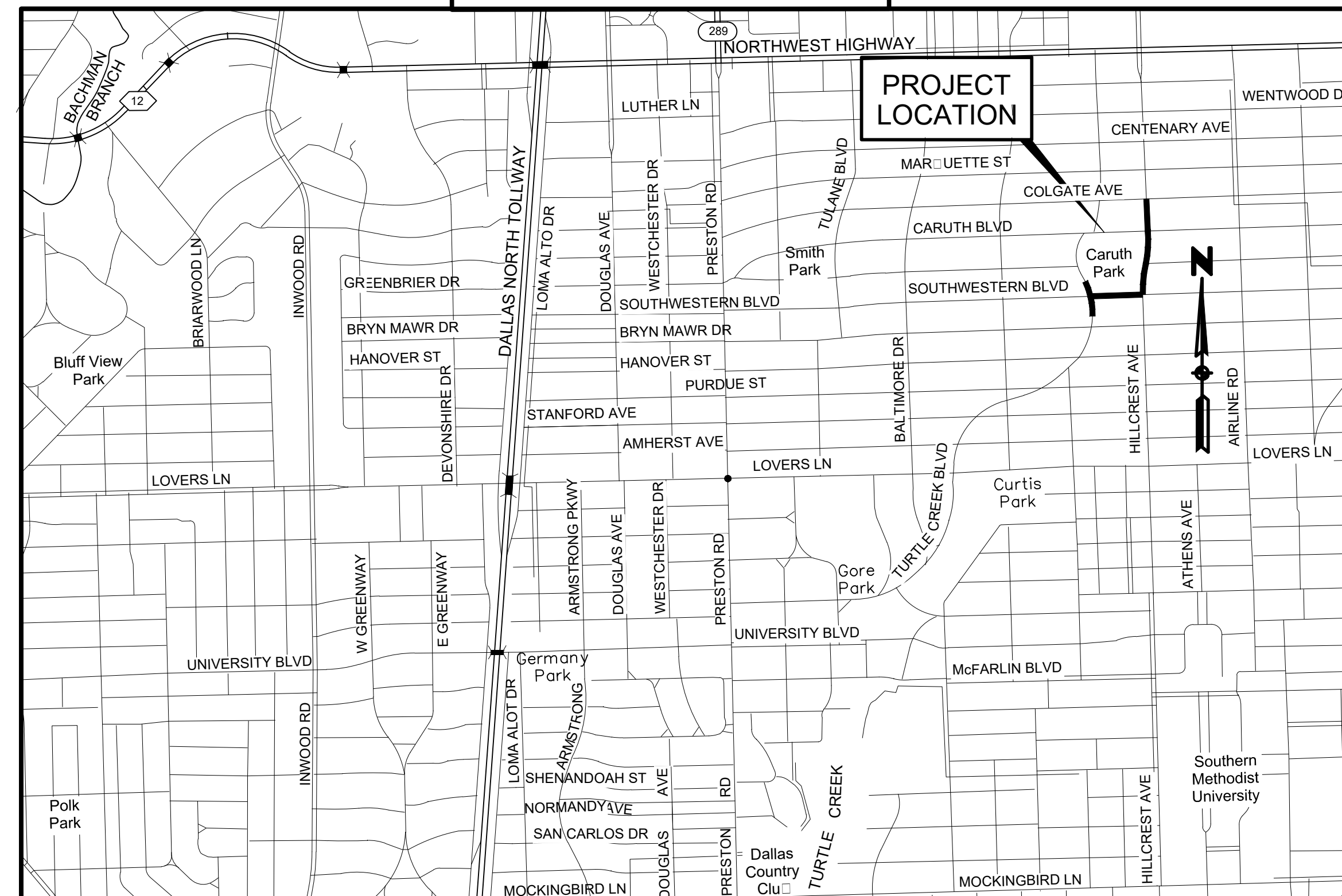
LIZ FARLEY
COUNCIL MEMBER

MARK ALDREDGE
COUNCIL MEMBER

ROBBIE CORDER
CITY MANAGER

JACOB SPEER
DIRECTOR OF PUBLIC WORKS

KATIE BARRON, PE
CITY ENGINEER

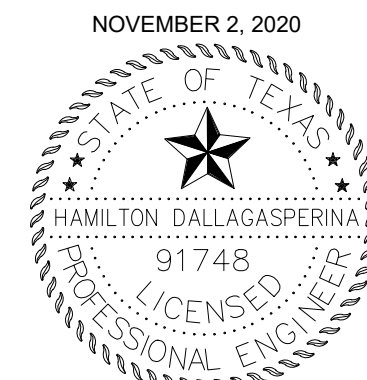


PROJECT VICINITY MAP
NOVEMBER 2020

HUITT-ZOLLARS

1717 McKinney Avenue, Suite 1400
Dallas, Texas 75202-1236
Phone (214) 871-3311 Fax (214) 871-0757

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	GENERAL NOTES
3	CONTROL POINT MAP
4-5	PAVING TYPICAL SECTIONS
6-8	DRAINAGE AREA MAPS
9-10	EROSION CONTROL PLAN
11-15	STORMDRAIN PLAN & PROFILE
16-18	STORM DRAIN LATERALS
19-23	PAVING PLAN & PROFILE
24-26	INTERSECTION GRADING PLAN
27-41	PAVING CROSS-SECTIONS
42-46	WASTEWATER PLAN & PROFILE
47-49	WATER PLAN & PLAN PROFILE
50	OUTFALL GRADING PLAN
51	DIVERSION STRUCTURE PLAN
52-57	STRUCTURAL DETAILS
58-60	SIGNING & MARKING PLANS
61	DREDGE PLAN
62-63	POND CROSS-SECTIONS
64	BORING LOG PLAN & PROFILE
65-66	PAVING AND EROSION CONTROL DETAILS
67-70	BARRIER FREE RAMP DETAIL
71-73	STORM DRAIN DETAILS
74	PRECAST JUNCTION BOX DETAIL
75-77	SINGLE BOX CULVERTS PRECAST DETAILS
78	WATER & WASTEWATER DETAILS



Hamilton Dallagasperina

HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

D:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\SHEETS\Phase 2_Sheets\02 GENERAL NOTES.dwg
 USER: oramirez
 DATE: Nov 20, 2020 6:25pm
 XREFS: Border 22 X 34

GENERAL NOTES:

- ALL DEMOLITION DEBRIS SHALL BE DISPOSED OF LEGALLY IN A PERMITTED DISPOSAL FACILITY.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND PROTECTING THEM THROUGH CONSTRUCTION.
- LOCATIONS OF EXISTING STRUCTURES AND PAVEMENT TO BE REMOVED ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE NUMBER, TYPE, AND SIZE OF ALL STRUCTURES INCLUDING PAVEMENT TO BE REMOVED.
- THE CONTRACTOR MUST MEET THE REQUIREMENTS OF THE CURRENT TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT NO. TXR150000 ISSUED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY. IF THE PROJECT WILL DISTURB MORE THAN 1.0 ACRE OF LAND, THE CONTRACTOR MUST PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND PROVIDE IT TO THE CITY FOR APPROVAL. REQUIREMENTS OF THE SWPPP MUST BE ADHERED THROUGH UNTIL FINAL ACCEPTANCE OF THE PROJECT BY THE CITY.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF UNIVERSITY PARK STANDARDS AND SPECIFICATIONS AND TO THE STANDARDS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS PREPARED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, LATEST EDITIONS AND THE CITY OF UNIVERSITY PARK ADDENDUM THERETO.
- SHOULD THE CONTRACTOR ENCOUNTER ANY UNUSUAL GEOLOGICAL CONDITIONS DURING THE CONSTRUCTION OF THE PROJECT, CONTRACTOR MUST NOTIFY THE CITY INSPECTOR FOR SUPPLEMENTAL RECOMMENDATIONS.
- ALL WORK AREAS SHALL BE CLEANED UP AT THE COMPLETION OF WORK.
- CONTRACTOR SHALL PROVIDE ALL SAFETY DEVICES FOR THE PROTECTION OF THE PUBLIC.

UTILITY NOTES:

- RIGHT OF WAY (R-O-W) AND PROPERTY LINES AS SHOWN ARE APPROXIMATE.
- LOCATION OF EXISTING WATER, SANITARY SEWER AND STORM SEWER MAINS ARE APPROXIMATE AS SHOWN. CONTRACTOR TO VERIFY LOCATION AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
- LOCATION OF PROPOSED WATER, SANITARY SEWER AND STORM SEWER MAINS MAY BE CHANGED DURING CONSTRUCTION WITH CITY APPROVAL.
- CONTRACTOR SHALL INSTALL THE SERVICES AT THE LOCATIONS OF THE EXISTING SERVICES FROM THE R-O-W TO THE NEW MAIN. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD.
- PROPOSED MANHOLE RIMS MAY VARY FROM CONSTRUCTED ELEVATIONS. CONTRACTOR SHALL CONFIRM MANHOLE RIM ELEVATIONS IN THE FIELD.

IRRIGATION GENERAL NOTES:

- FOR PROPERTIES WHERE THERE IS AN EXISTING IN-GROUND IRRIGATION SYSTEM, CONTRACTOR WILL REPLACE ALL IRRIGATION ITEMS AFFECTED BY CONSTRUCTION WITHIN THE RIGHT-OF-WAY. ALL IRRIGATION IN CONFLICT WITH PROPOSED IMPROVEMENTS WITHIN THE RIGHT-OF-WAY WILL BE RELOCATED. ANY DAMAGE TO THE EXISTING SYSTEM OUTSIDE OF THE RIGHT-OF-WAY WILL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING RIGHT-OF-ENTRY PRIOR TO BEGINNING WORK ON PRIVATE PROPERTY.
- ALL IRRIGATION SHALL CONFORM TO LOCAL CODES AND REGULATIONS.
- ALL WORK IS TO BE DONE BY A LICENSED IRRIGATOR.

CITY OF UNIVERSITY PARK CONTACTS LISTING

DIRECTOR OF PUBLIC WORKS	JACOB SPEER	214-987-5400
CITY ENGINEER	KATIE BARRON	214-987-5401
ASSISTANT PARKS DIRECTOR	BRENT JONES	214-987-5492
CONSTRUCTION INSPECTOR	GARY BOUCHILLAN	214-987-5407
CONSTRUCTION INSPECTOR	MARK RUSHIA	214-987-5426

STORM SEWER NOTES:

- REINFORCED CONCRETE PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED. PREFORMED BUTYL PIPE SEALANT SHALL BE USED ON ALL PIPE JOINTS UNLESS OTHERWISE NOTED.
- ALL PIPE BACKFILL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR DENSITY IN SIX (6) INCH LIFTS.
- WATER JETTING WILL NOT BE ALLOWED.
- ALL WYE CONNECTIONS AND BENDS SHALL BE MANUFACTURED FITTINGS.
- THE USE OF FLY ASH IN DRAINAGE STRUCTURES WILL NOT BE ALLOWED.
- ACCESS RISER FOR JUNCTION BOX AT THE INTERSECTION OF TURTLE CREEK BLVD. AND SOUTHWESTERN BLVD. SHALL BE CAST-IN-PLACE REINFORCED CONCRETE PER STRUCTURAL DETAILS ON SHEET 56.
- ALL REMAINING ACCESS RISERS SHALL CONSIST OF PRE-CAST 4' DIAMETER STANDARD WASTEWATER MANHOLE PLACED AT PRE-CUT OPENING ON TOP RCB SLAB. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR CONNECTION TO RCB FOR REVIEW AND APPROVAL.
- EQUALIZER OPENINGS SHALL BE PRE-CAST. GROUT ALL AROUND AFTER PIPE INSTALLATION FILLING GAP BETWEEN RCB BARRELS.

PAVING NOTES:

- PAVEMENT GRADES AND LOCATION SHALL BE APPROVED BY THE CITY PRIOR TO PLACING ANY CONCRETE.
- THE PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF WATER AND SEWER APPURTENANCES IN ACCORDANCE WITH THE STANDARD DETAILS AND SPECIFICATIONS ON THE CITY OF UNIVERSITY PARK.
- DUMMY JOINTS SHOULD BE FORMED BY ONE OF THE FOLLOWING METHODS: SAWED, HAND-FORMED, OR FORMED BY PREMOLDED FILLER. JOINT DEPTH SHOULD BE EQUAL TO 1/4 OF THE SLAB THICKNESS. HAND-FORMED JOINTS SHOULD HAVE A MAXIMUM EDGE RADIUS OF 1/4 INCH. SAWING OF JOINTS SHOULD BEGIN AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELING. ALL JOINTS SHOULD BE COMPLETED BEFORE UNCONTROLLED SHRINKAGE CRACKING OCCURS. JOINTS SHOULD BE CONTINUOUS ACROSS THE SLAB UNLESS INTERRUPTED BY FULL-DEPTH PREMOLDED JOINT FILLER AND SHOULD EXTEND COMPLETELY THROUGH THE CURB. ALL JOINT OPENINGS SHALL BE CLEANED AND SEALED BEFORE OPENING PAVED AREA TO TRAFFIC.
- EXPANSION JOINTS OR ISOLATION JOINTS SHALL BE USED TO ISOLATE FIXED OBJECTS ABUTTING OR WITHIN THE PAVED AREA. THEY SHOULD CONTAIN PREMOLDED JOINT FILLER FOR THE FULL DEPTH OF THE SLAB.
- ALL CONCRETE SHALL BE CLASS C CONCRETE AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS AND A MINIMUM OF 3-6% AIR ENTRAINED UNLESS OTHERWISE NOTED.
- SURFACE FINISHING SHALL BE SKID RESISTANT, A LIQUID CURING COMPOUND SHALL BE UNIFORMLY SPRAYED ON THE CONCRETE IMMEDIATELY AFTER THE FINISHING OPERATION.
- CONCRETE PAVEMENT AND STRUCTURES SHALL BE BACKFILLED AS SOON AS POSSIBLE AFTER FORMS ARE REMOVED.
- ALL CURB CASTINGS FOR PROPERTY DRAINAGE TO BE REPLACED.

TRAFFIC NOTES:

- THE CONTRACTOR SHALL MAINTAIN PROPER BARRICADES AND SAFETY MEASURES FOR THE PROTECTION OF THE TRAVELING PUBLIC DURING CONSTRUCTION OF THIS PROJECT.
- ALL BARRICADES, WARNING SIGNS, LIGHTS, ETC. FOR THE GUIDANCE AND PROTECTION OF TRAFFIC AND PEDESTRIANS MUST CONFORM TO THE INSTALLATION SHOWN IN THE LATEST TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).
- CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY ENGINEER NO LESS THAN 3 WORKING DAYS PRIOR TO IMPLEMENTATION.

DREDGE NOTES:

- TOPOGRAPHIC DATA INCLUDING BATHYMETRY WAS COLLECTED BY HUITT-ZOLLARS IN JANUARY, 2020.
- AS-BUILT DRAWINGS FOR POND WERE NOT AVAILABLE.
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS - INCLUDING PEDESTRIAN BRIDGES CLEARANCE FOR CONSTRUCTION EQUIPMENT, LOCATION AND GEOMETRY OF PEDESTRIAN BRIDGES, PERIMETER RETAINING WALL, OUTFALL STRUCTURE, WATER FOUNTAIN, WATER FOUNTAIN CONDUITS, - AND MAKE NECESSARY ADJUSTMENTS TO WORK PLAN PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR WILL BE RESPONSIBLE FOR ANY DISTURBANCE OR DAMAGE TO EXISTING POND FEATURES, EQUIPMENT, OR STRUCTURES, AND SHALL REPAIR DAMAGES AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL DEVELOP THE MEANS AND METHODS TO DIVERT INFILTRATION AND STORM DRAIN RUNOFF AS NECESSARY TO PERFORM SEDIMENT REMOVAL ACTIVITIES.
- CONTRACTOR SHALL USE THE EXISTING OUTFALL STRUCTURE TO DISCHARGE POND WATER. EXCESS SEDIMENT MUST BE REMOVED PRIOR TO DISCHARGING INTO CITY'S STORM DRAIN SYSTEM.
- DREDGED MATERIAL IS TO BE LEGALLY DISPOSED OFF-SITE. CONTRACTOR SHALL IDENTIFY THE LOCATION WHERE THE SPOIL WILL BE HAULED TO WITHIN A WEEK OF AWARD. THIS LOCATION MUST BE APPROVED BY THE CITY AND THE U.S. ARMY CORPS OF ENGINEERS.
- NO DREDGED MATERIAL OR UNREATED WATER FROM DREDGED MATERIAL WILL BE ALLOWED TO BE PLACED ON THE ADJACENT GROUND OR TO RETURN TO THE POND.
- ALL DISTURBED PAVEMENT, SIDEWALK, GRASS, AND OTHER FEATURES AND STRUCTURES SHALL BE REPLACED BY CONTRACTOR TO ITS ORIGINAL OR BETTER CONDITION AND AT CONTRACTOR'S EXPENSE, UNLESS SHOWN ON PLANS TO BE REMOVED AND REPLACED.
- CONSTRUCTION ACCESS FOR POND DREDGE WORK WILL BE PROVIDED FROM TURTLE CREEK BOULEVARD.

LANDSCAPE NOTES:

- CONTRACTOR SHALL NOT REMOVE ANY TREES UNLESS OTHERWISE AUTHORIZED BY THE CITY OF UNIVERSITY PARK PARKS DEPARTMENT STAFF. ANY TREES THAT ARE DAMAGED SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT HIS EXPENSE.
- ANY EXISTING LANDSCAPING DAMAGED DURING CONSTRUCTION TO BE REPLACED AT CONTRACTOR'S EXPENSE.

LEGEND

	PROPOSED STORM DRAIN
	EXISTING WATER LINE
	EXISTING WASTEWATER LINE
	EXISTING STORM DRAIN
	TELEPHONE (FIBER OPTICS)
	GAS LINE
	CONTOUR
	PROPERTY LINES
	EXISTING WATER METER
	EXISTING WATER VALVE
	EXISTING CLEANOUT
	STORM DRAIN MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	UTILITY POLE
	TRAFFIC SIGN
	TRAFFIC LIGHT SIGNAL POLE
	TRAFFIC LIGHT SIGNAL BOX
	TRAFFIC LIGHT SIGNAL
	FIRE HYDRANT
	SCV



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

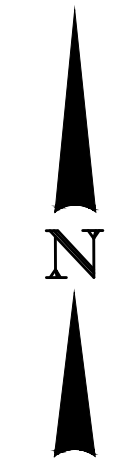
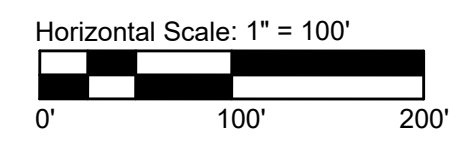
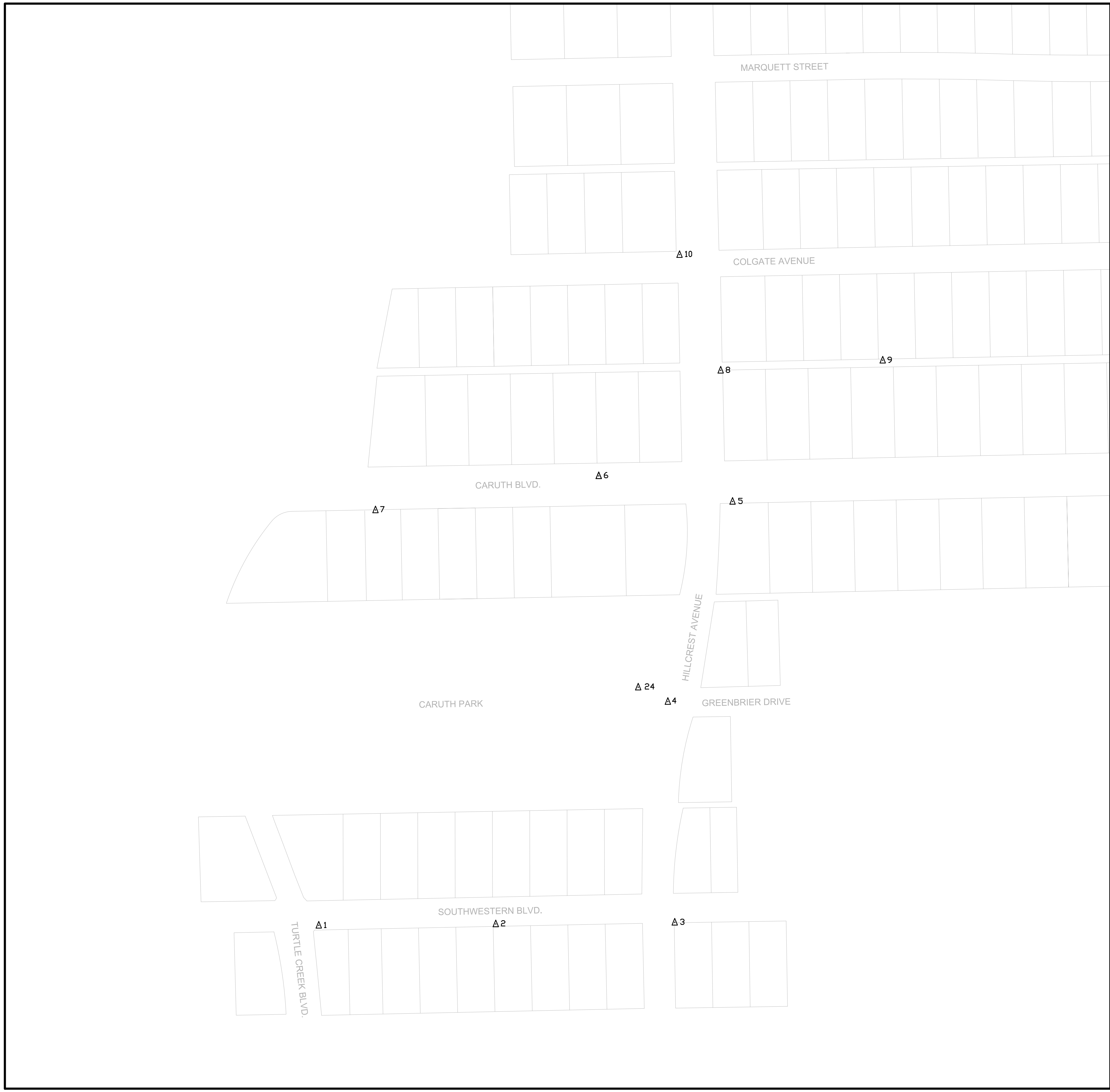
GENERAL NOTES

CITY OF UNIVERSITY PARK

HUITT-ZOLLARS						
Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	2

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\SHEETS\Phase2_Sheets\04 Control Points XREFS - Border.dwg
 DATE: Nov 03, 2020 3:14pm
 USER: aramirez
 FILE: MAP.dwg

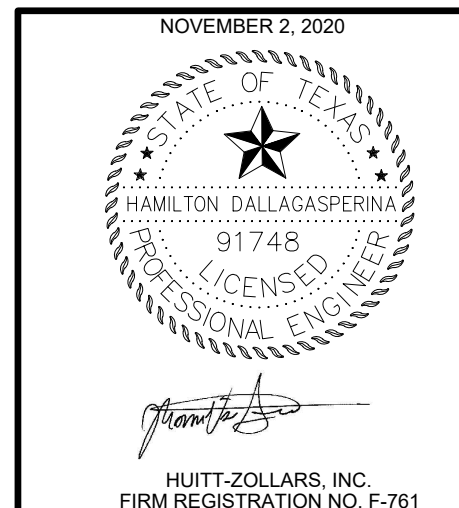


PROJECT CONTROL POINTS AND CITY MONUMENTS

C.P.	NORTHING	EASTING	ELEV.	DESCRIPTION
1	6999951.315	2494176.064	570.921	X CUT SET
2	6999953.860	2494507.882	575.127	X CUT SET
3	6999957.025	2494843.409	579.438	X CUT SET
4	7000370.734	2494830.534	578.436	X CUT SET
5	7000745.827	2494951.840	582.123	X CUT SET
6	7000793.815	2494700.926	581.334	X CUT SET
7	7000729.871	2494282.358	578.501	X CUT SET
8	7000991.676	2494929.601	584.955	X CUT SET
9	7001010.542	2495233.382	584.827	X CUT SET
10	7001208.471	2494852.424	588.121	X CUT SET
13	6997601.318	2497936.676	604.710	U.P. ALUM MON 13
16	6996175.270	2494838.132	598.590	U.P. ALUM MON 16
24	7000397.732	2494774.932	579.412	U.P. MON 24

NORTH AMERICAN DATUM - 1983 TEXAS STATE PLANE COORDINATES NORTH CENTRAL ZONE			
LATITUDE	32° 51' 29.47" N		
LONGITUDE	96° 47' 13.55" W		
NORTH (Y)	6999442.27 FEET	2133434.27 METERS	
EAST (X)	2494434.43 FEET	760305.13 METERS	
CONVERSION FACTOR	00° 56' 03.14"		
SCALE FACTOR	0.9998788		
METER TO FEET CONVERSION FACTOR	(39.37 + 12) x METERS		

NORTH AMERICAN VERTICAL DATUM - 1988		
MEAN SEA LEVEL	579.41 U.S FEET	176.61 METERS



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

CONTROL POINT MAP

CITY OF UNIVERSITY PARK

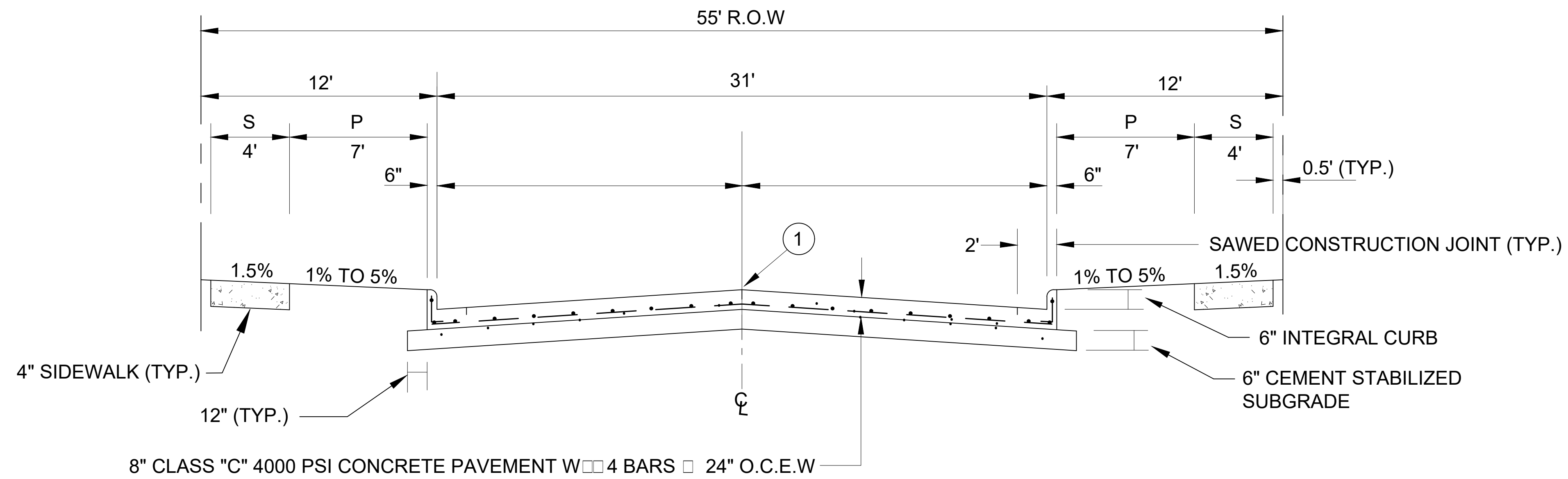
HUITT-ZOLLARS

Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=100'	NOV 2020	R308306.04	3

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\SHEETS\Phase2_Sheets\03 TYPICAL SECTIONS.dwg USER: aramirez
 DATE: Nov 20, 2020 6:25pm XREFS: Border 22 X 34 Base Cross Section



(STA 0+80 to 8+65)
SOUTHWESTERN BLVD. REINFORCED CONCRETE PAVEMENT
TYPICAL SECTION

SCALE: 1"=4' HRZ 1"=2' VRT

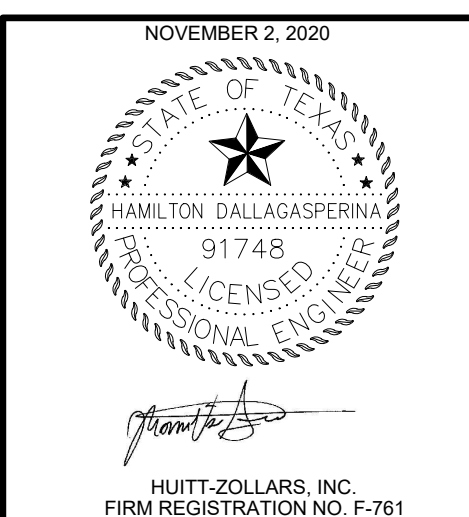
① INDICATES SAWED LONGITUDINAL CONTRACTION OR CONSTRUCTION JOINT.

NOTES:

1. INSTALL NO. 4 "L" BARS 18" O.C. WITH LONGITUDINAL NO. 4 BAR IN ALL CURB AND GUTTER SECTIONS.
2. REPLACE 4' WIDE SOD STRIP ADJACENT TO CURB ON BOTH SIDES OF HILLCREST UPON COMPLETION OF PAVEMENT REPLACEMENT.

NOTES:

1. SEE PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION.
2. SEE CROSS-SECTION SHEETS FOR DETAILED SECTION INFORMATION.
3. SEE INTERSECTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
4. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROADWAY AT ALL TIMES.
5. CONTRACTOR TO MAINTAIN CURB DRAINS THROUGHOUT CONSTRUCTION AND REPLACE AS NECESSARY.

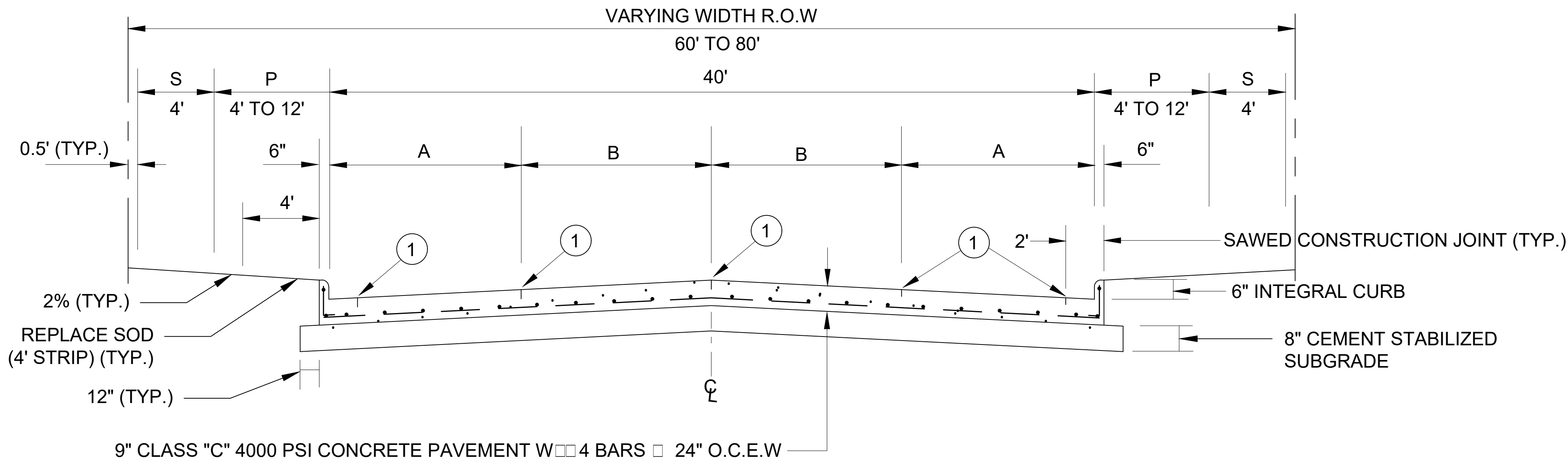


HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED
STREET PAVING			
TYPICAL SECTIONS			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
DATE	PROJ. NO.	SHEET	
HD	AR	HD	NOV 2020
R308306.04	4		

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\SHEETS\Phase2_Sheets\03 TYPICAL SECTIONS.dwg
 DATE: Dec 02, 2020 2:23pm
 USER: hdaalagasperina
 XREFS: Border 22 X 34 Base Cross Section



(STA 1+16 to 14+05)

STREET WIDTH(W)	A	B	R.O.W. WIDTH	P	CROWN HEIGHT
40'	10'	10'	VARIABLES 60' - 80'	VARIABLES 4' - 12'	6"

**HILLCREST AVENUE REINFORCED CONCRETE PAVEMENT
TYPICAL SECTION**

SCALE: 1"=4' HRZ 1"=2' VRT

① INDICATES SAWED LONGITUDINAL CONTRACTION OR CONSTRUCTION JOINT.

NOTES:

- INSTALL NO. 4 "L" BARS 18" O.C. WITH LONGITUDINAL NO. 4 BAR IN ALL CURB AND GUTTER SECTIONS.
- REPLACE 4' WIDE SOD STRIP ADJACENT TO CURB ON BOTH SIDES OF HILLCREST UPON COMPLETION OF PAVEMENT REPLACEMENT.

NOTES:

- SEE PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION.
- SEE CROSS-SECTION SHEETS FOR DETAILED SECTION INFORMATION.
- SEE INTERSECTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROADWAY AT ALL TIMES.
- CONTRACTOR TO MAINTAIN CURB DRAINS THROUGHOUT CONSTRUCTION AND REPLACE AS NECESSARY



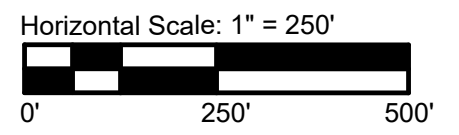
HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

STREET PAVING						
TYPICAL SECTIONS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD		NOV 2020	R308306.04	5

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\06 DRAINAGE AREA MAPS.dwg
 DATE: Nov 03, 2020 3:15pm
 USER: araminez
 XREFS: Border 22 X 34 Row Topo Base SD Alignments Park topo-3 Contour

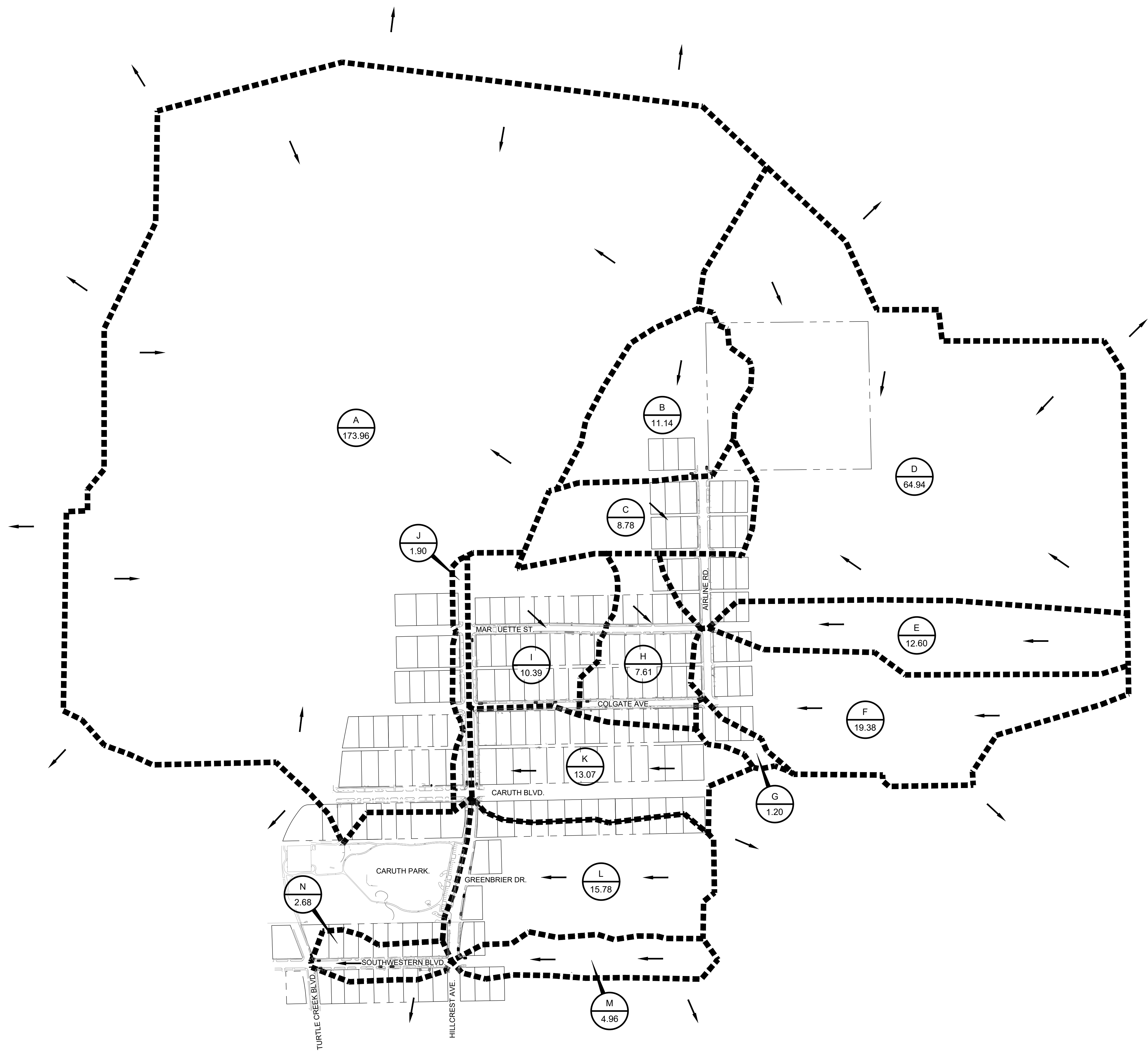


LEGEND

- DRAINAGE AREA DIVIDE
- DIRECTION OF FLOW
- DRAINAGE AREA IDENTIFIER
- AREA (ACRES)

NOTES:

1. HYDROLOGIC AND HYDRAULIC MODELING WAS PERFORMED USING 2 - DIMENSIONAL XPSWMM SOFTWARE. REFER TO "STORMWATER MASTER PLAN - UPPER TURTLE CREEK BASIN" STUDY BY HUITT-ZOLLARS, DATED FEBRUARY 2019, AND TO XPSWMM MODEL FOR HYDROLOGIC AND HYDRAULIC CALCULATIONS.
2. STORM SEWER SYSTEM DESIGNED TO TARGET RESOLUTION OF INUNDATION ISSUES ASSOCIATED WITH THE 10% ANNUAL CHANCE OF FLOOD.

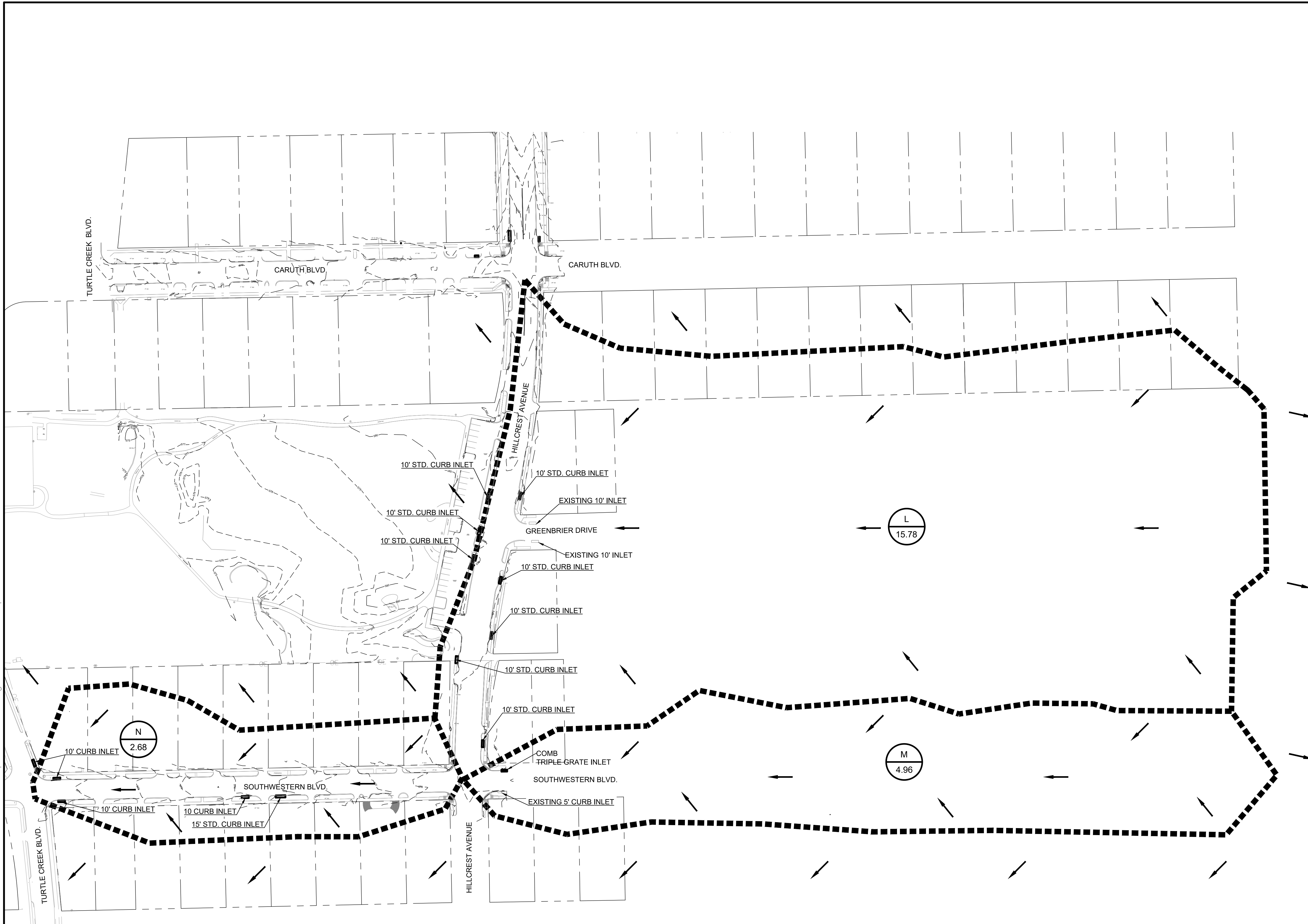


NO.	DATE	REVISIONS	APPROVED

DRAINAGE AREA MAP - OVERALL						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
HUITT-ZOLLARS, INC. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=250'H	NOV 2020	R308306.04	6

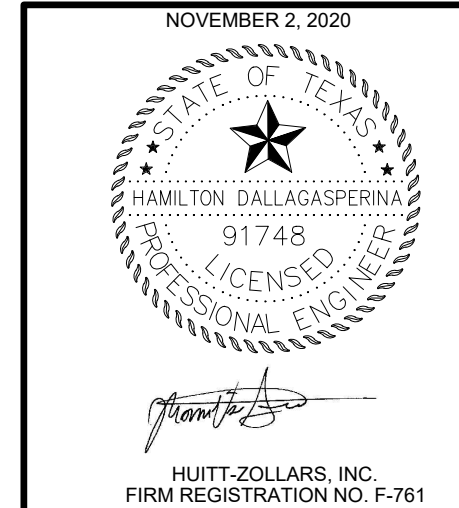
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\SHEETS\Phase2_Sheets\06 DRAINAGE AREA MAPS.dwg
 DATE: Nov 03, 2020 3:16pm
 USER: araminez
 XREFS: Border 22 X 34 Row Topo Base SD Alignments Park topo-3 Contour



Horizontal Scale: 1" = 80'
 0' 80' 160'

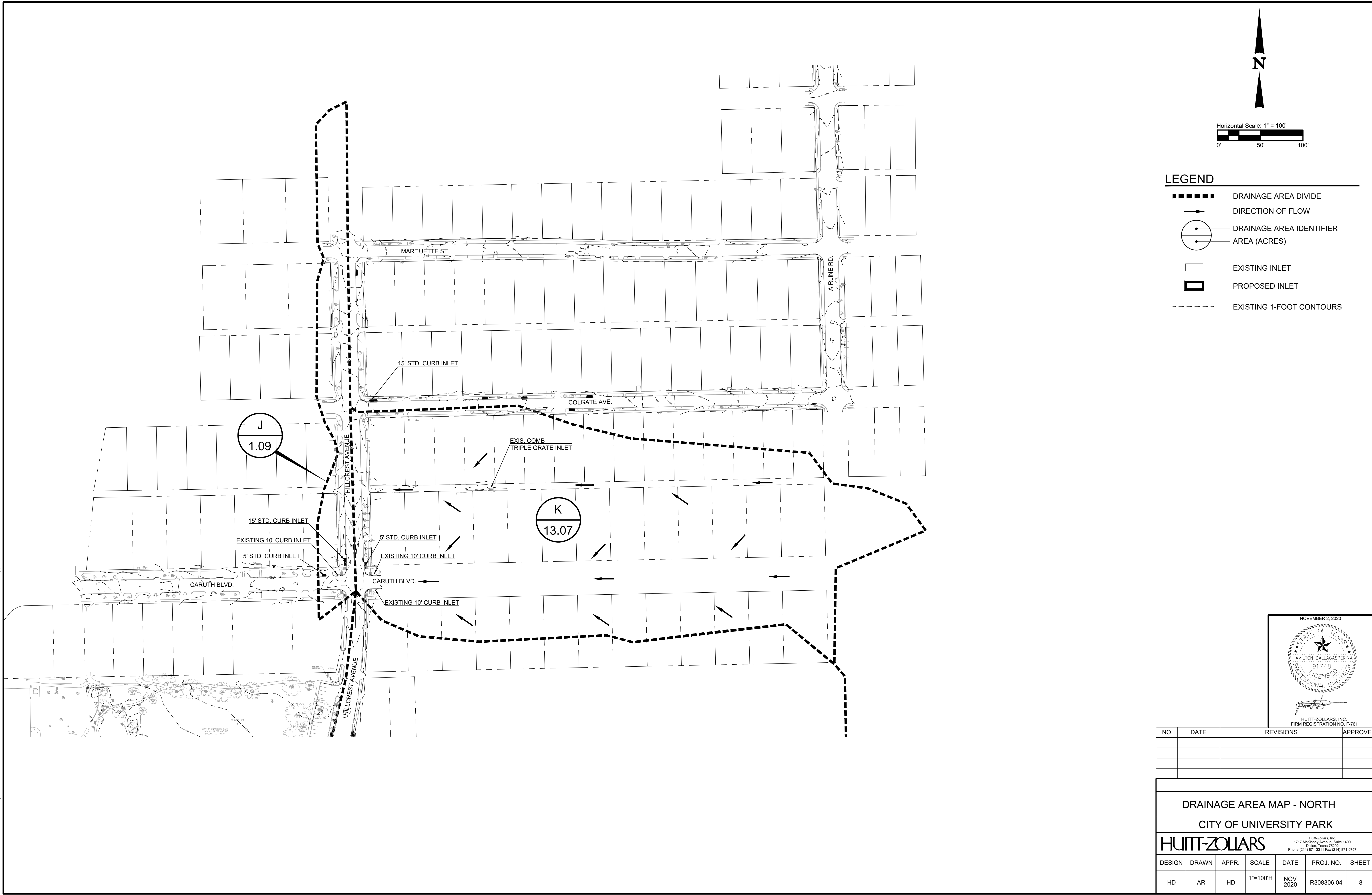
- LEGEND**
- DRAINAGE AREA DIVIDE
 - DIRECTION OF FLOW
 - (with dot) DRAINAGE AREA IDENTIFIER
 - (with number) AREA (ACRES)
 - EXISTING INLET
 - ▭ PROPOSED INLET
 - - - - EXISTING 1-FOOT CONTOURS



NO.	DATE	REVISIONS	APPROVED			
DRAINAGE AREA MAP - SOUTH						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=80'H	NOV 2020	R308306.04	7

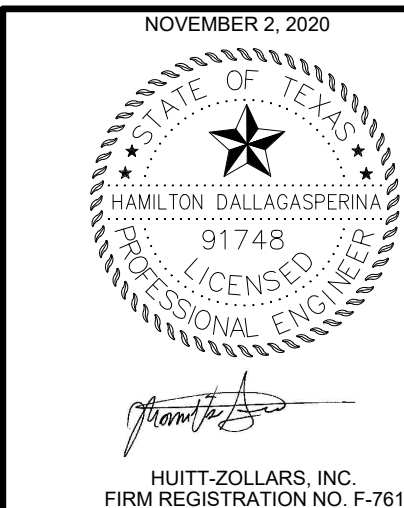
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\SHEETS\Phase2_Sheets\06 DRAINAGE AREA MAPS.dwg
 DATE: Nov 03, 2020 3:16pm
 USER: araminez
 XREFS: Border 22 X 34 Row Topo Base SD Alignments Park topo-3 Contour



LEGEND

- DRAINAGE AREA DIVIDE
- DIRECTION OF FLOW
- DRAINAGE AREA IDENTIFIER
- AREA (ACRES)
- EXISTING INLET
- ▭ PROPOSED INLET
- - - - EXISTING 1-FOOT CONTOURS



NO.	DATE	REVISIONS	APPROVED

DRAINAGE AREA MAP - NORTH

CITY OF UNIVERSITY PARK

HUITT-ZOLLARS

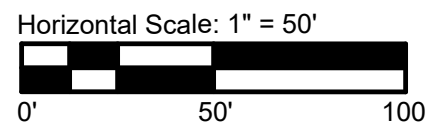
Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=100'H	NOV 2020	R308306.04	8

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DVG: H:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Sheets\Phase2_Sheets\18 EROSION CONTROL PLAN.dwg USER: aramirez DATE: Nov 20, 2020 6:26pm XREFS: Border 22 X 34 Topo Contour Base SD Alignments Park topo-3 Row Base W W Alignments Base SD Alignments_2013 Existing Utilities_2013 Park topo-3_2013

MATCH LINE SEE SHEET - 10

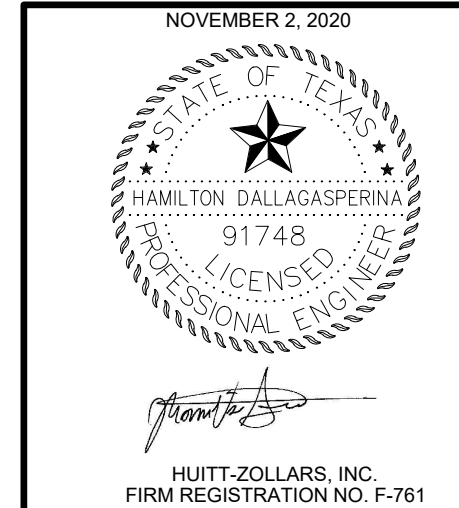


LEGEND

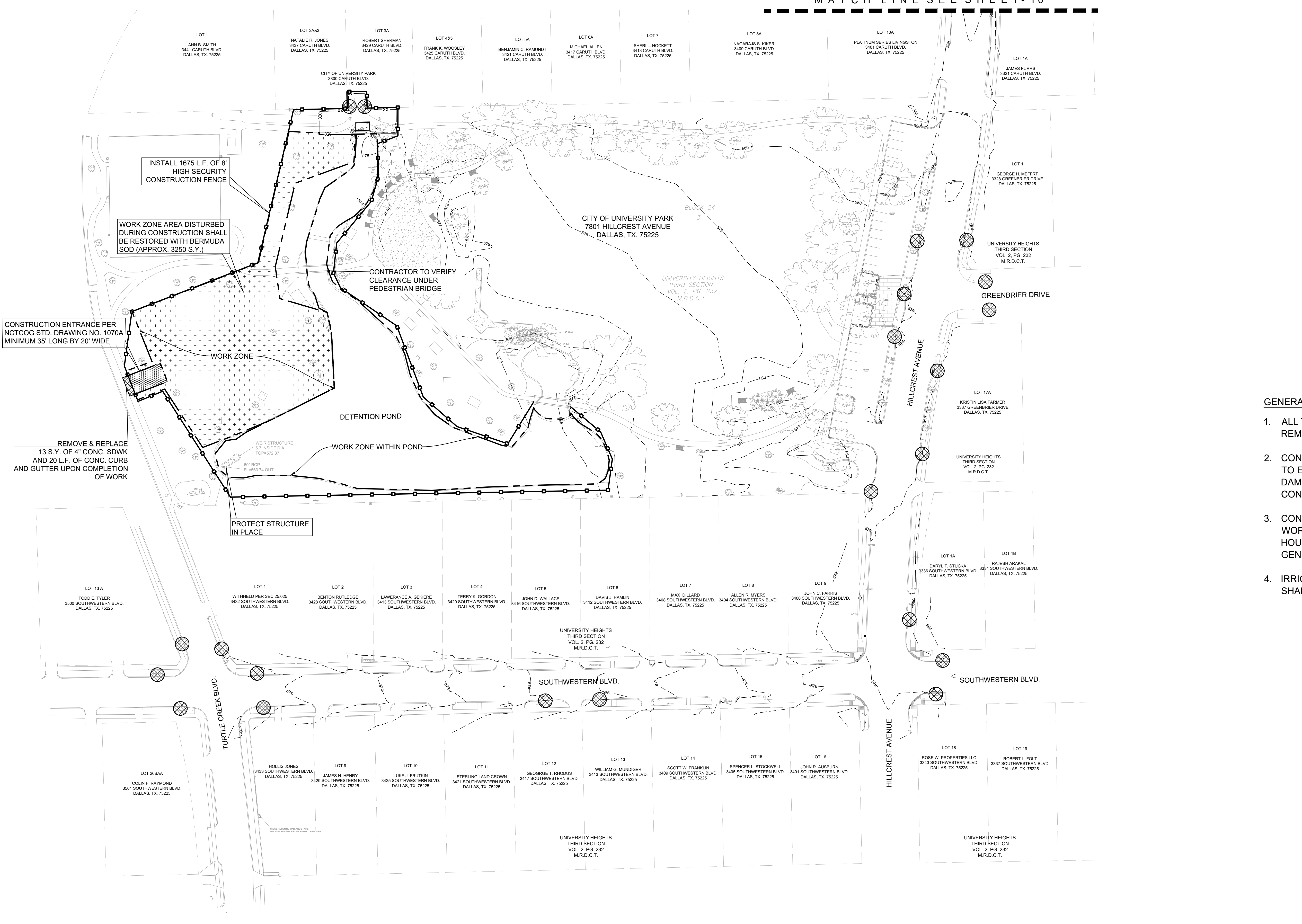
- INLET PROTECTION
- SLIT FENCE
- WORK ZONE DELINEATION
- 8' SECURITY FENCE
- 1-FOOT CONTOURS
- STABILIZED CONSTRUCTION ENTRANCE
- BERMUDA SOD
- SIDEWALK REMOVAL

GENERAL NOTES:

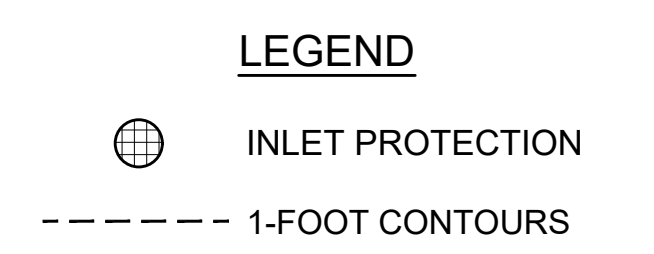
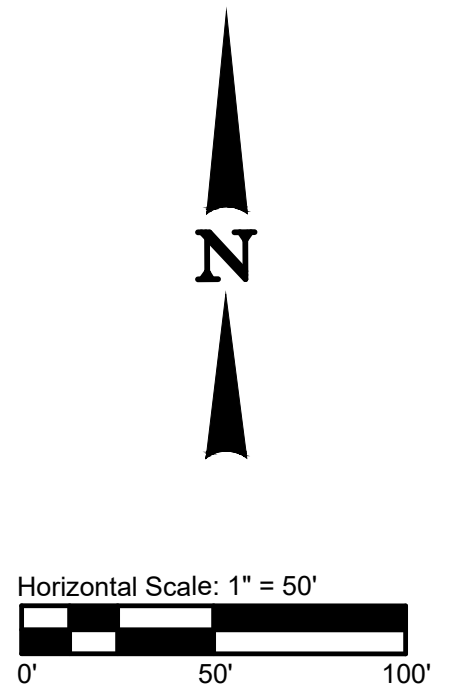
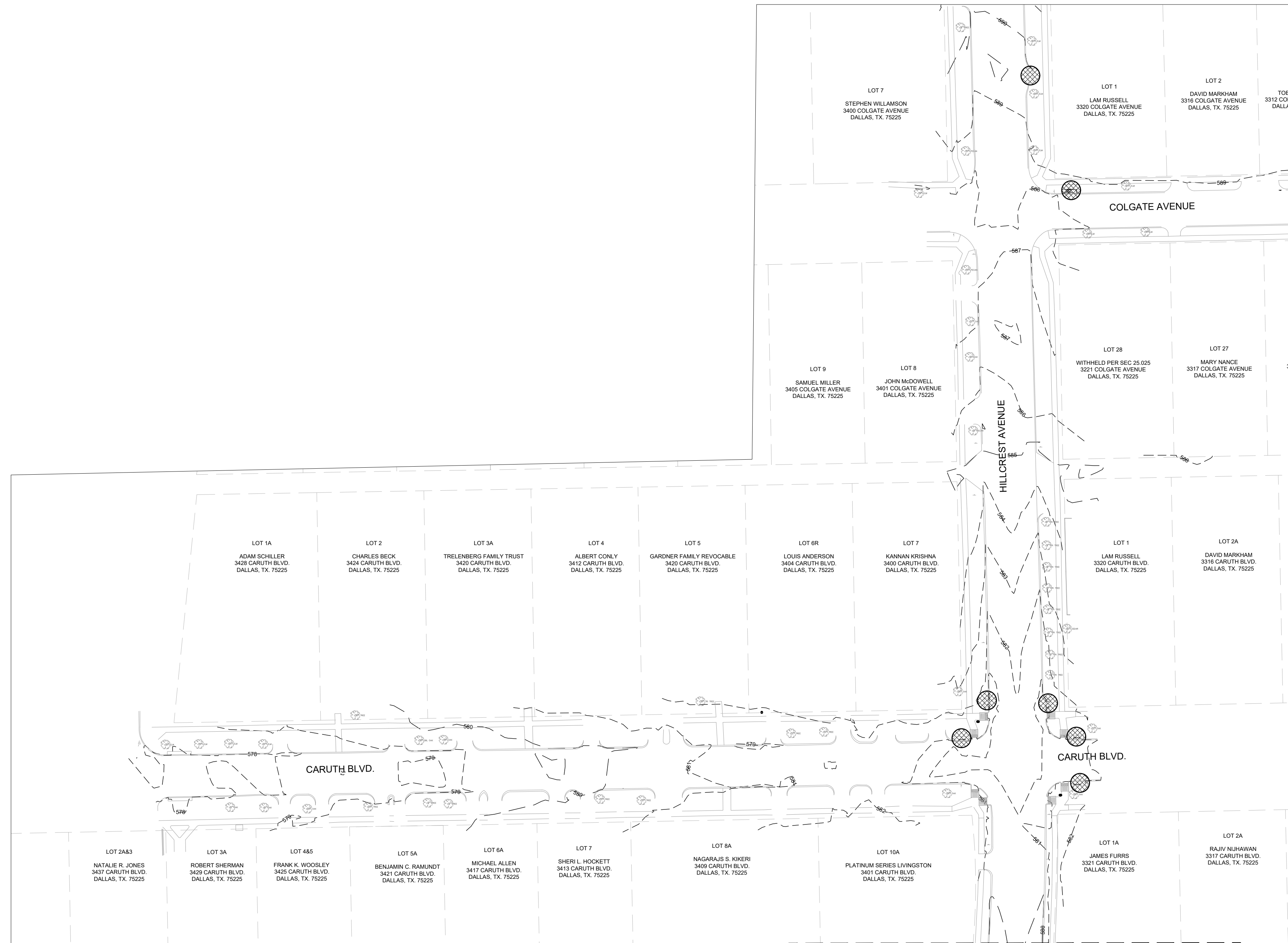
1. ALL TREES SHALL BE PROTECTED UNLESS INDICATED TO BE REMOVED.
2. CONTRACTOR SHALL TAKE MEASURES TO MINIMIZE DAMAGE TO EXISTING PARKING LOT DURING CONSTRUCTION. DAMAGE TO EXISTING PAVEMENT WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
3. CONTRACTOR SHALL INSTALL SECURITY FENCE AROUND WORK AREA AND KEEP IT LOCKED DURING NON-WORKING HOURS FOR SECURITY AND FOR THE SAFETY OF THE GENERAL PUBLIC.
4. IRRIGATION SYSTEM DAMAGED WITHIN WORKING AREA SHALL BE REPLACED OR REPAIRED AT CONTRACTOR EXPENSE.



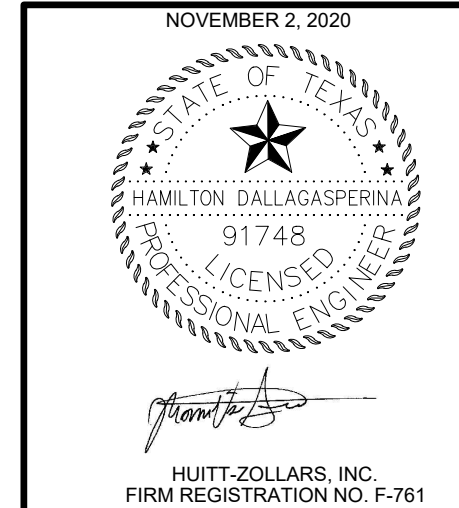
NO.	DATE	REVISIONS	APPROVED
EROSION CONTROL - SOUTH			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
HD	AR	HD	1"=50'H
DATE	PROJ. NO.	SHEET	
NOV 2020	R308306.04	9	



DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\SHEETS\Phase2_Sheets\18 EROSION CONTROL PLAN.dwg
 DATE: Nov 03, 2020 3:18pm
 USER: aramirez
 XREFS: Border 22 X 34 Topo Contour
 Base SD Alignments
 Row Base Ww Alignments
 Base SD Alignments_2013
 Existing Utilities_2013
 Park topo-3_2013
 Park topo-3_2013



- GENERAL NOTES:**
1. ALL TREES SHALL BE PROTECTED UNLESS INDICATED TO BE REMOVED.
 2. CONTRACTOR SHALL TAKE MEASURES TO MINIMIZE DAMAGE TO EXISTING PARKING LOT DURING CONSTRUCTION. DAMAGE TO EXISTING PAVEMENT WILL BE REPLACED AT CONTRACTOR'S EXPENSE.

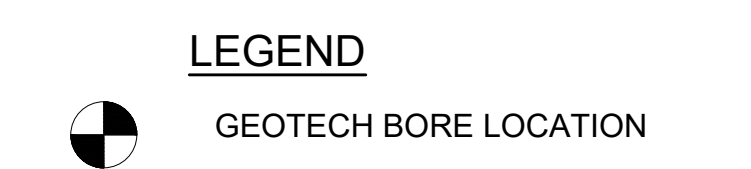
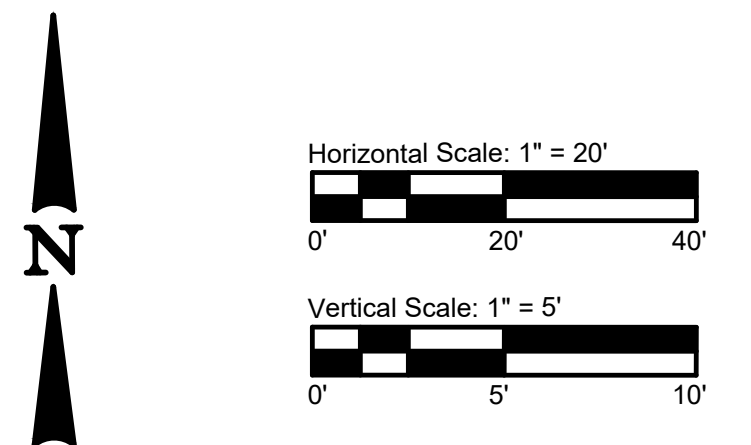
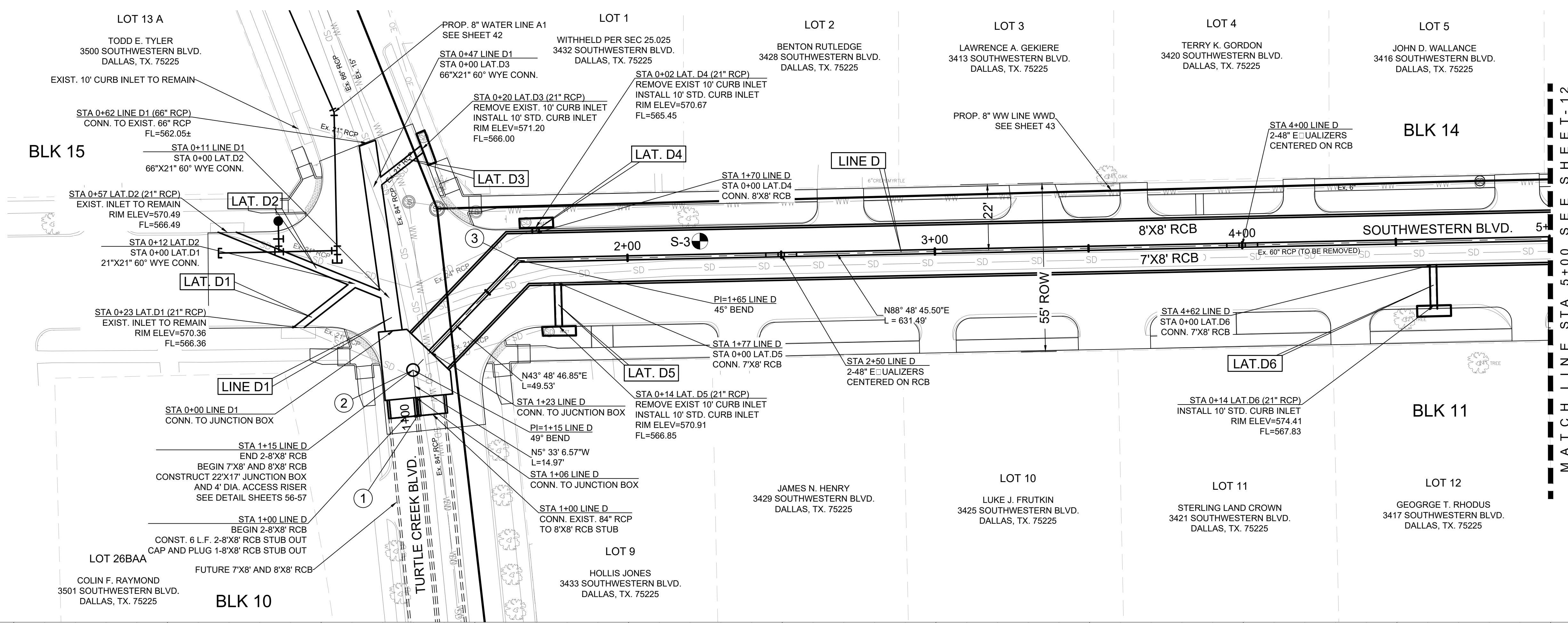


NO.	DATE	REVISIONS	APPROVED

EROSION CONTROL - NORTH						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=50'H	NOV 2020	R308306.04	10

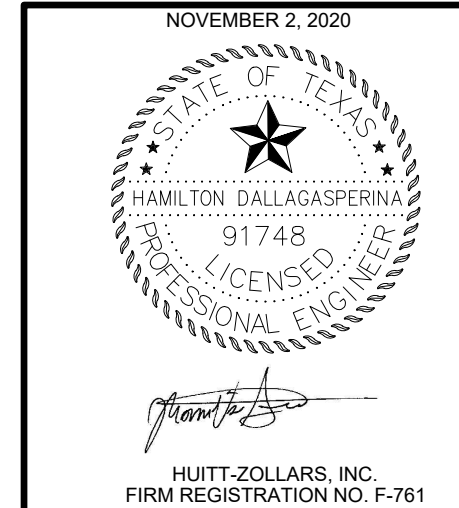
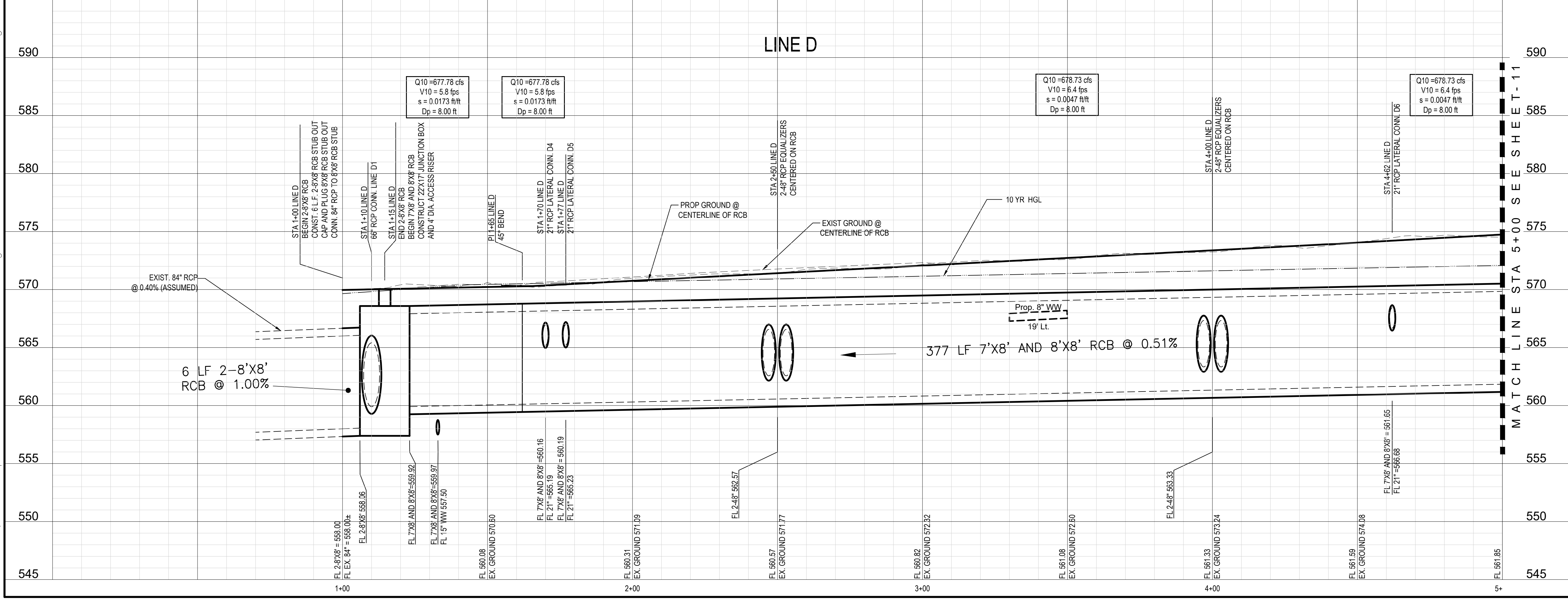
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\08 Storm Drain Plan and Profile Sheets.dwg
 DATE: Nov 20, 2020 6:27pm XREFS: Base SD Profile Existing Utilities Border 22 X 34 Base SD Alignments Park topo-3 Profiles Base W/W Profile Topo Row Base Paving Plan Base SD Alignment



- GENERAL NOTES:**
1. SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 2. SEE WATER & WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 3. SEE STRUCTURAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 4. SEE LATERAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 5. SEE STRUCTURAL DETAIL SHEET 56 FOR ADDITIONAL INFORMATION ON PRECAST RISER.
 6. SEE BORE LOG PLAN & PROFILE SHEET 64 FOR ADDITIONAL INFORMATION.

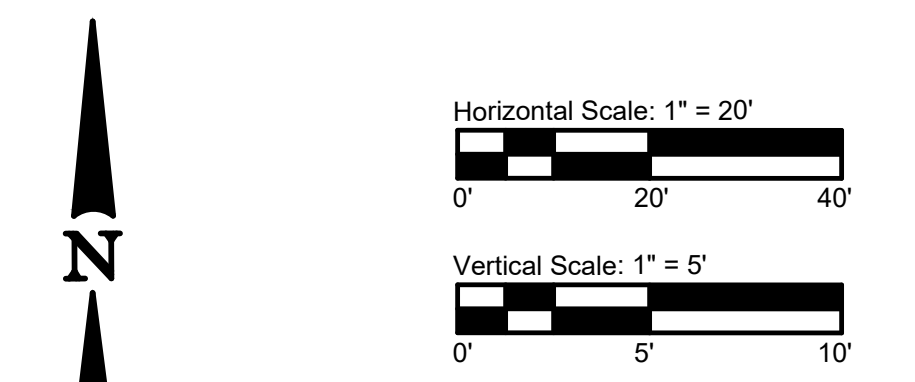
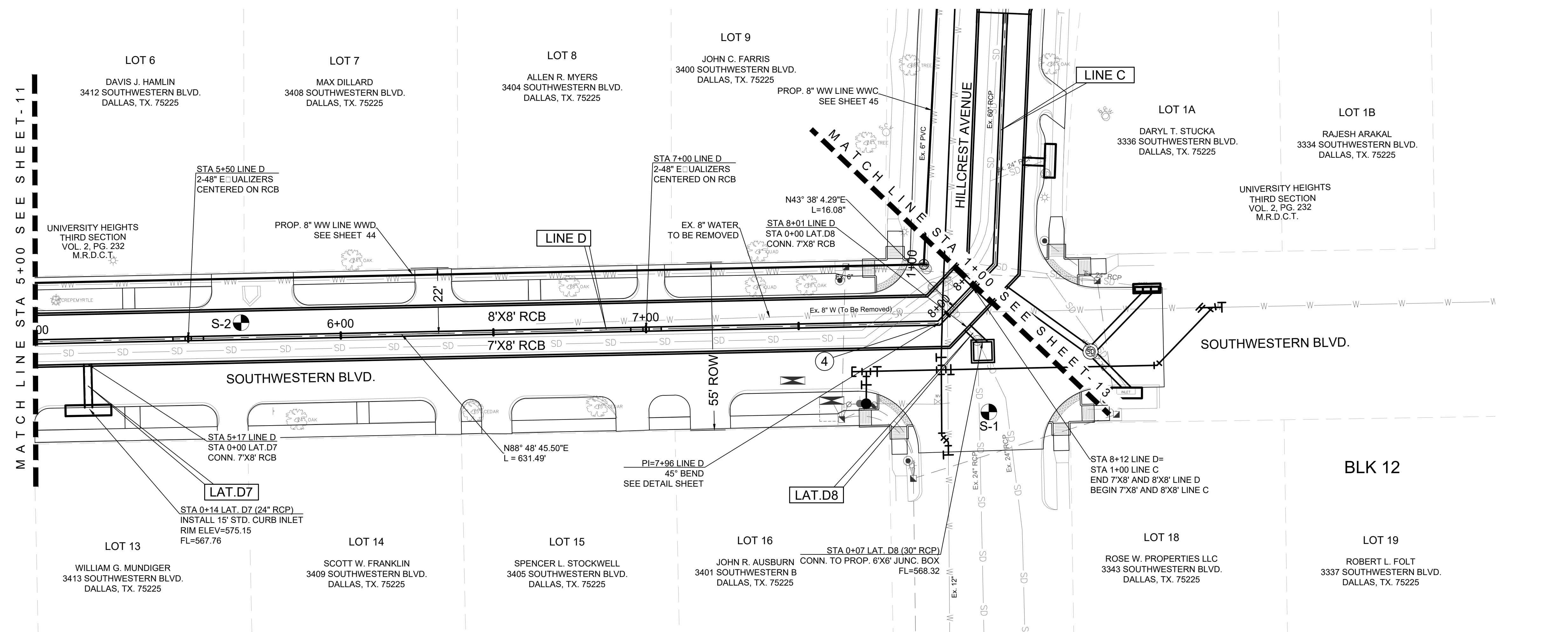
HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1	6999925.25	2494135.18
2	6999940.16	2494133.72
3	6999975.90	2494168.02
4	6999988.98	2494799.37
5	7000008.24	2494817.73
6	7000162.89	2494824.20
7	7000277.14	2494840.62
8	7000402.30	2494868.90
9	7000574.31	2494897.93
10	7000730.85	2494905.79
11	7001172.30	2494898.95
12	7001185.97	2494913.77



NO.	DATE	REVISIONS	APPROVED
SOUTHWESTERN BLVD LINE D			
STORM DRAIN PLAN AND PROFILE			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
HD	AR	HD	1"=20'H 1"=5'V
DATE	PROJ. NO.	SHEET	
NOV 2020	R308306.04	11	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\1308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\08 Storm Drain Plan and Profile Sheets.dwg
 DATE: Nov 20, 2020 6:28pm XREFS: Base SD Profile Existing Utilities Border 22 X 34 Base SD Alignments Park topo-3 Profiles Base W Profile Topo Row Base Paving Plan Base SD Alignment

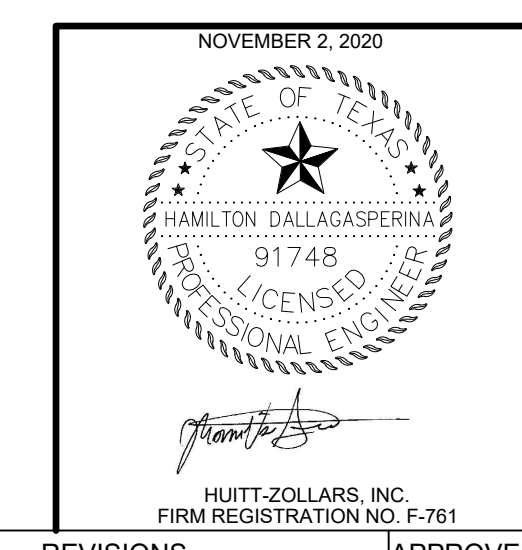
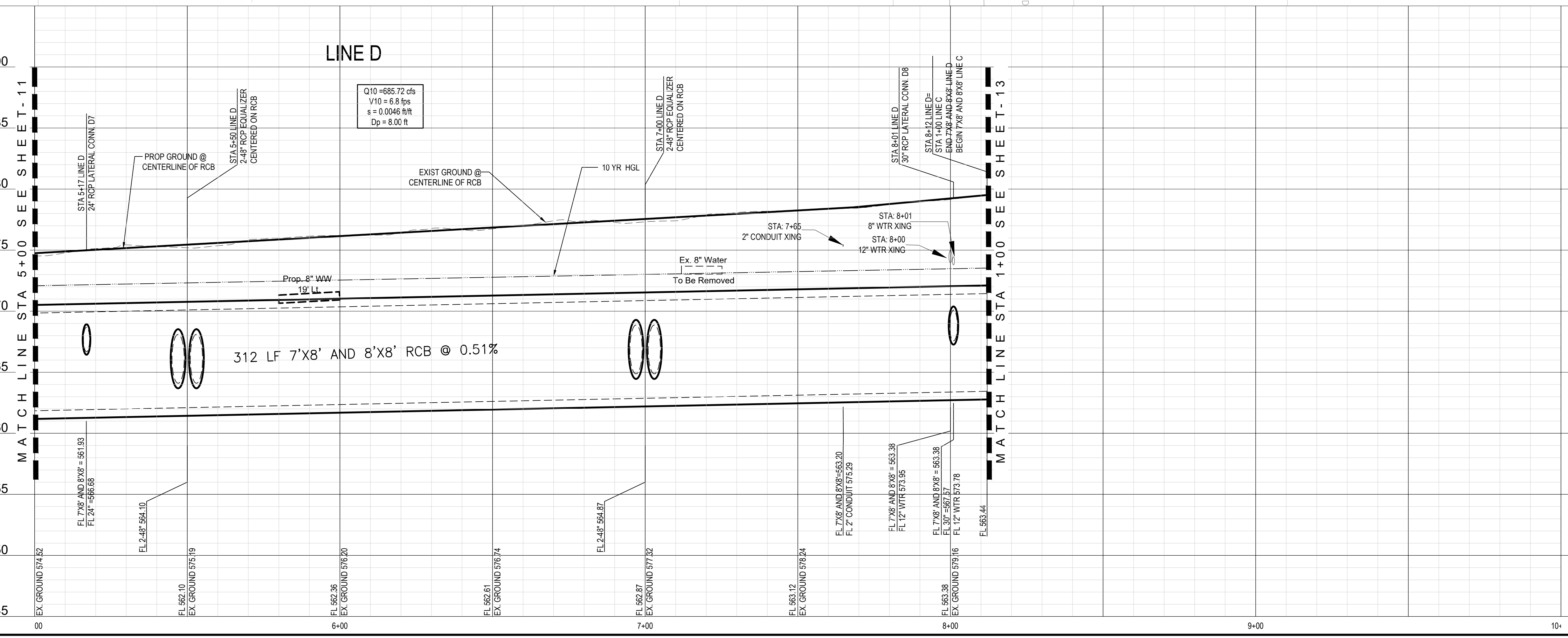


LEGEND

 GEOTECH BORE LOCATION

- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER & WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE STRUCTURAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE LATERAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE BORE LOG PLAN & PROFILE SHEET 64 FOR ADDITIONAL INFORMATION.

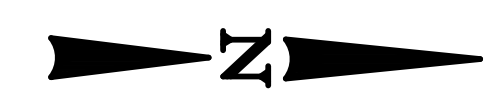
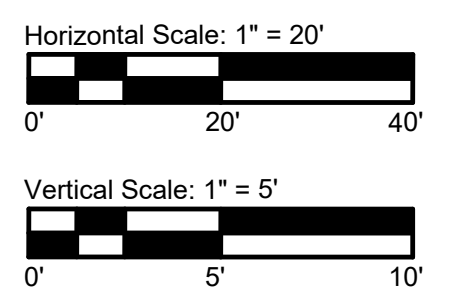
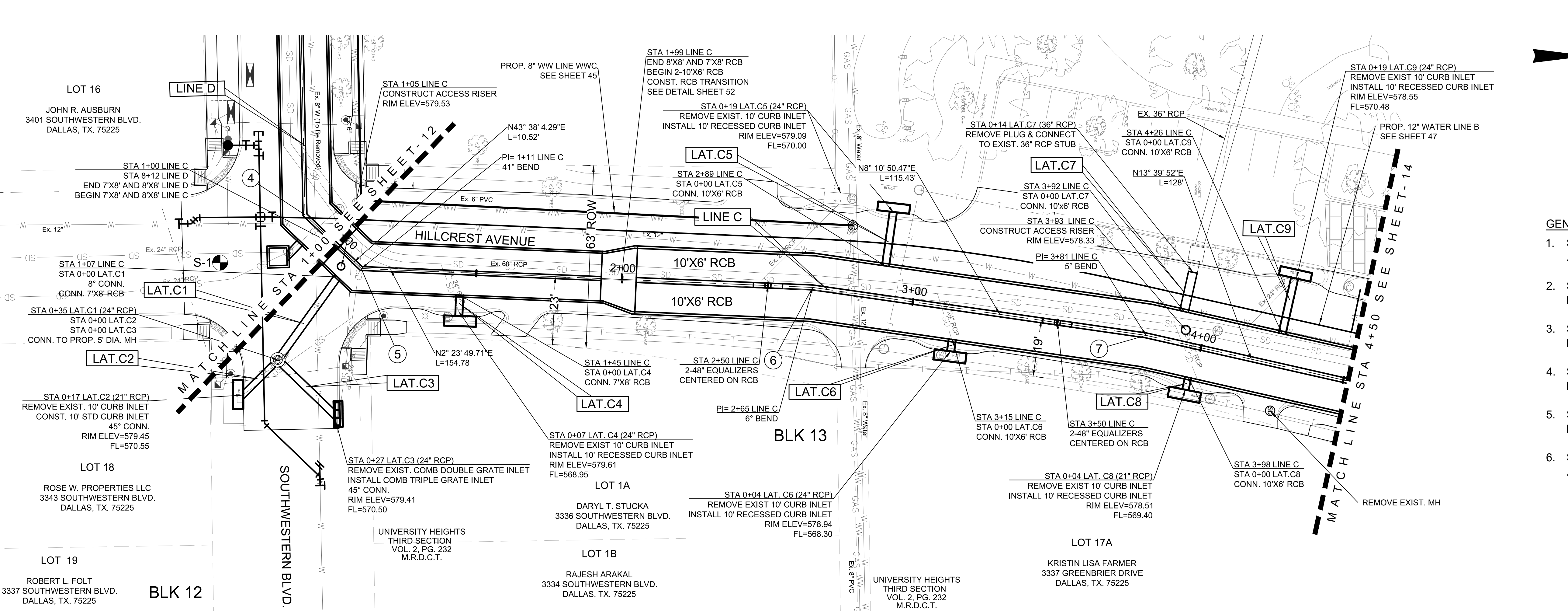
HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1	6999925.25	2494135.18
2	6999940.16	2494133.72
3	6999975.90	2494168.02
4	6999988.98	2494799.37
5	7000008.24	2494817.73
6	7000162.89	2494824.20
7	7000277.14	2494840.62
8	7000402.30	2494868.90
9	7000574.31	2494897.93
10	7000730.85	2494905.79
11	7001172.30	2494898.95
12	7001185.97	2494913.77



NO.	DATE	REVISIONS	APPROVED
SOUTHWESTERN BLVD LINE D STORM DRAIN PLAN AND PROFILE CITY OF UNIVERSITY PARK			
DESIGN	DRAWN	APPR.	SCALE
HD	AR	HD	1"=20'H 1"=5'V
DATE	PROJ. NO.	SHEET	
NOV 2020	R308306.04	12	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

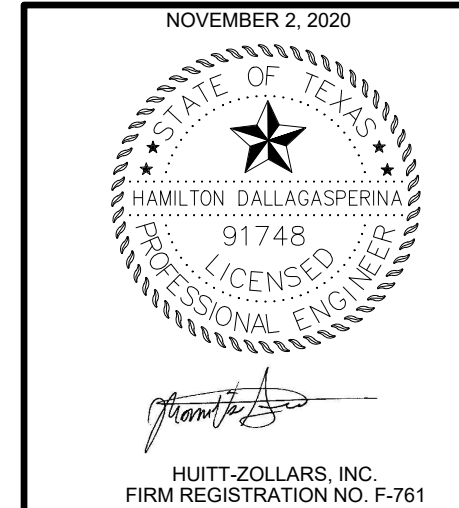
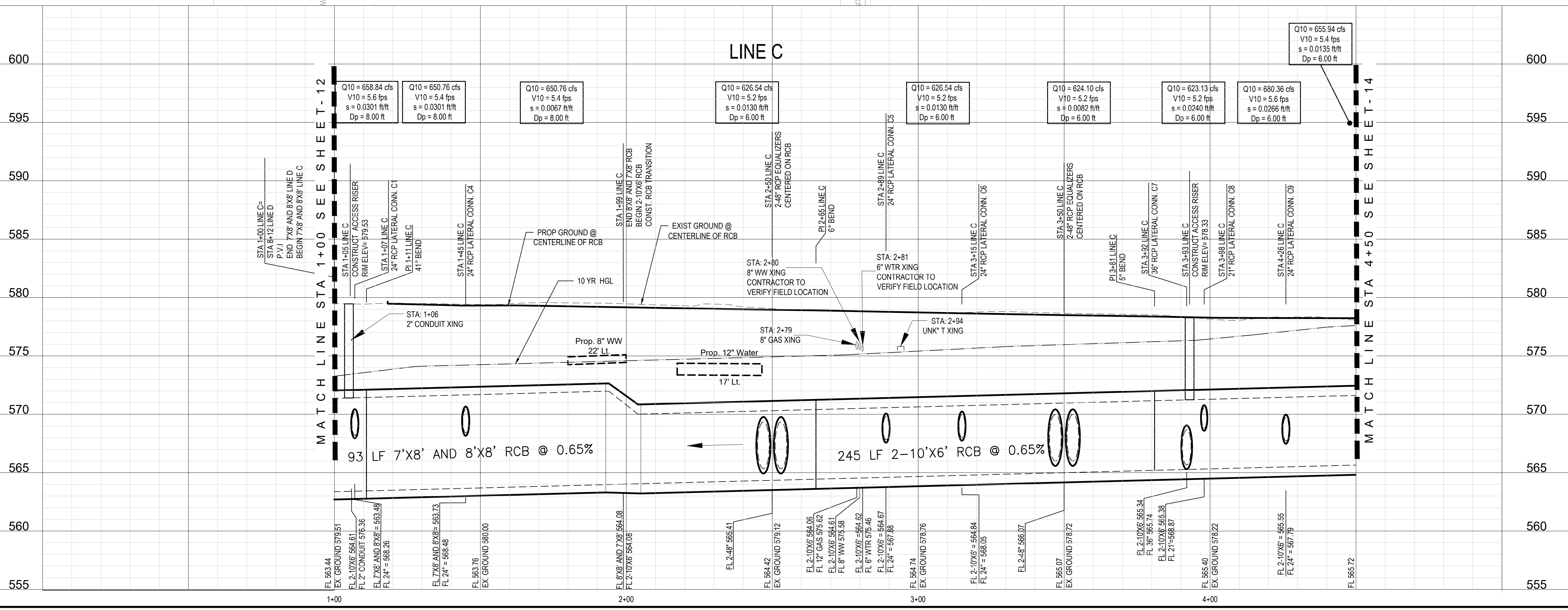
DWG: H:\proj\1308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\08 STORM DRAIN PLAN AND PROFILE SHEETS.dwg
 DATE: Nov 20, 2020 6:28pm XREFS: Base SD Profile Existing Utilities Border 22 X 34 Base SD Alignments Park topo-3 Profiles Base W Profile Topo Base Paving Plan Base SD Alignment



LEGEND
 GEOTECH BORE LOCATION

- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER & WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE STRUCTURAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE LATERAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE UNIVERSITY PARK STANDARD DETAIL S1-1:11 FOR RISERS.
 - SEE BORE LOG PLAN & PROFILE SHEET 64 FOR ADDITIONAL INFORMATION.

HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1	6999925.25	2494135.18
2	6999940.16	2494133.72
3	6999975.90	2494168.02
4	6999988.98	2494799.37
5	7000008.24	2494817.73
6	7000162.89	2494824.20
7	7000277.14	2494840.62
8	7000402.30	2494868.90
9	7000574.31	2494897.93
10	7000730.85	2494905.79
11	7001172.30	2494898.95
12	7001185.97	2494913.77



NO.	DATE	REVISIONS	APPROVED

HILLCREST AVE LINE C
STORM DRAIN PLAN AND PROFILE

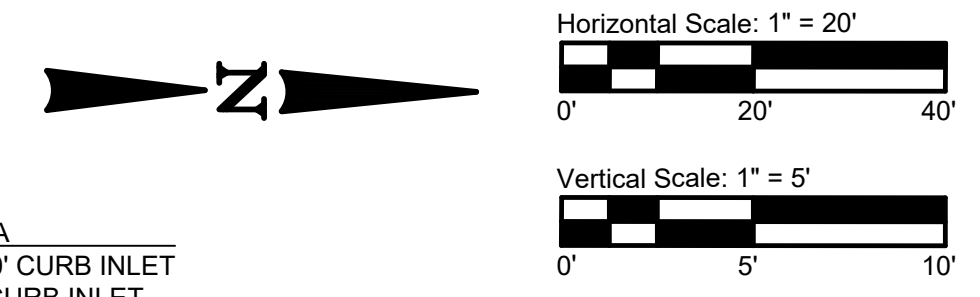
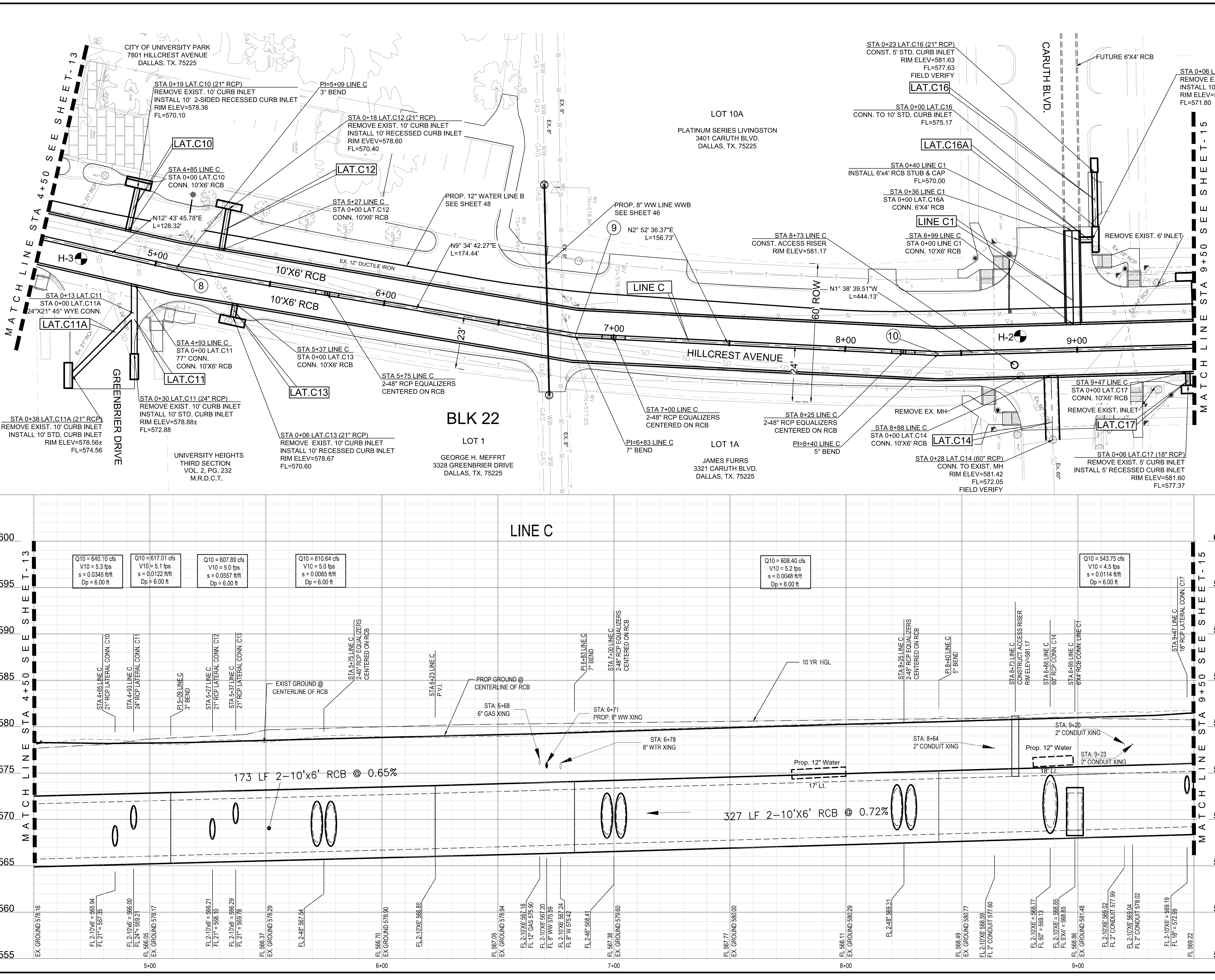
CITY OF UNIVERSITY PARK

HUITT-ZOLLARS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	13

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: \\hzd\dlas2\proj\1\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\Storm Drain Plan and Profile Sheets.dwg
 DATE: Nov 30, 2020 12:56pm XREFS: Base SD Profile Existing Utilities Border 22 X 34 Base SD Alignments Park topo-3 Profiles Base W/W Alignments Base V/W Alignments Base W/W Alignments Base W/W Alignments Base W/W Alignments Base W/W Alignments Base W/W Alignments
 USER: aramirez Topo Row Base Paving Plan Base SD Alignment

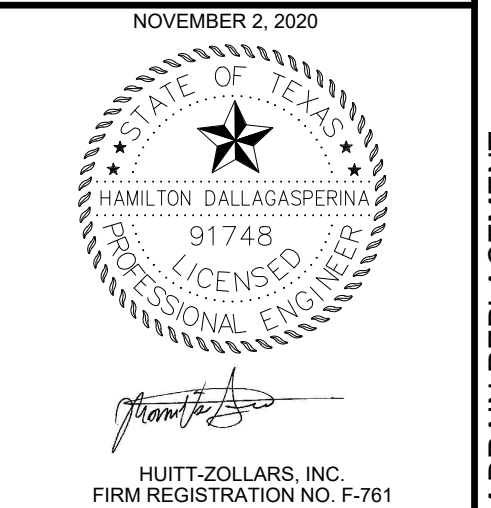


LEGEND

GEOTECH BORE LOCATION

- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER & WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE STRUCTURAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE LATERAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE UNIVERSITY PARK STANDARD DETAIL S1-111 FOR RISERS.
 - SEE BORE LOG PLAN & PROFILE SHEET 64 FOR ADDITIONAL INFORMATION.

HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1	6999925.25	2494135.18
2	6999940.16	2494133.72
3	6999975.90	2494168.02
4	6999988.98	2494799.37
5	7000008.24	2494817.73
6	7000162.89	2494824.20
7	7000277.14	2494840.62
8	7000402.30	2494868.90
9	7000574.31	2494897.93
10	7000730.85	2494905.79
11	7001172.30	2494898.95
12	7001185.97	2494913.77



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

HILLCREST AVE LINE C

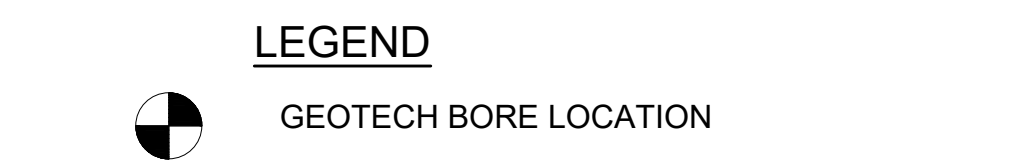
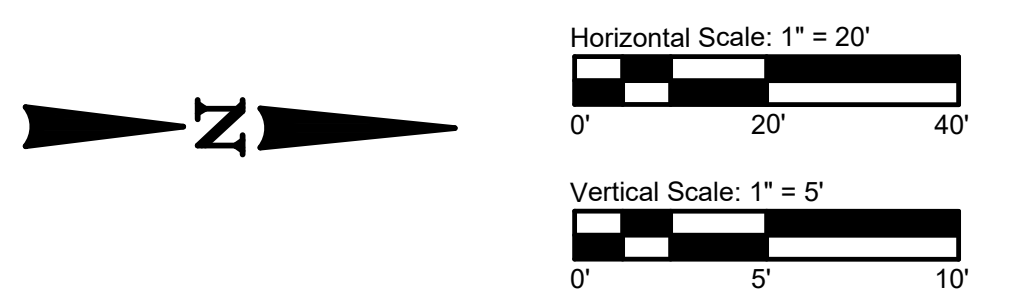
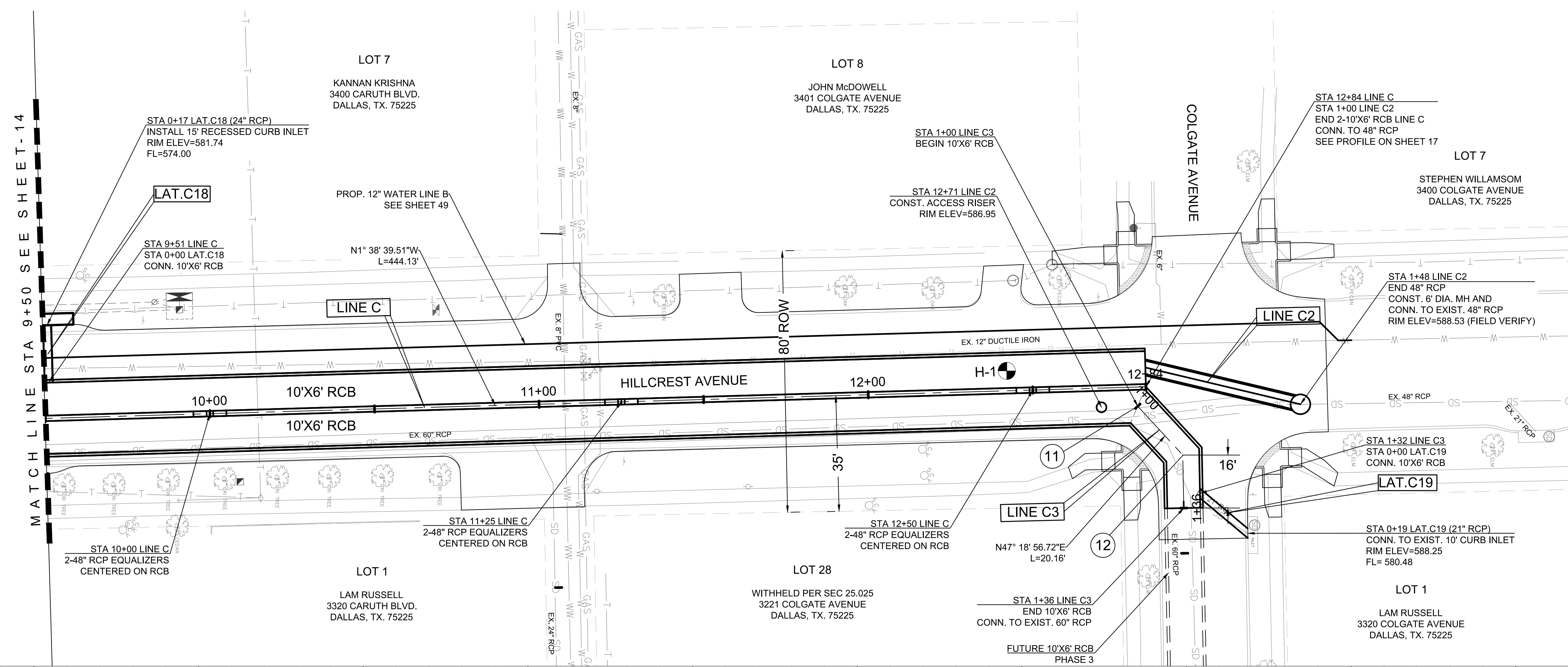
STORM DRAIN PLAN AND PROFILE

CITY OF UNIVERSITY PARK

HUITT-ZOLLARS

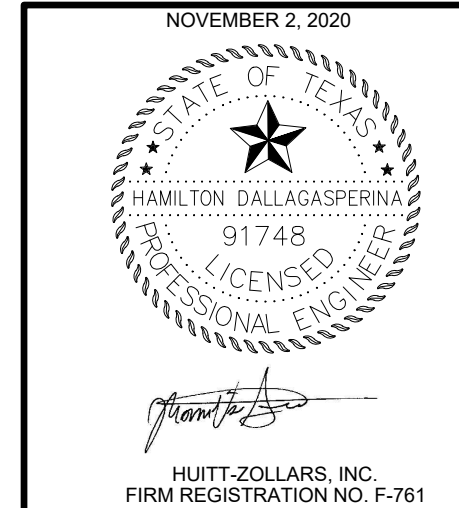
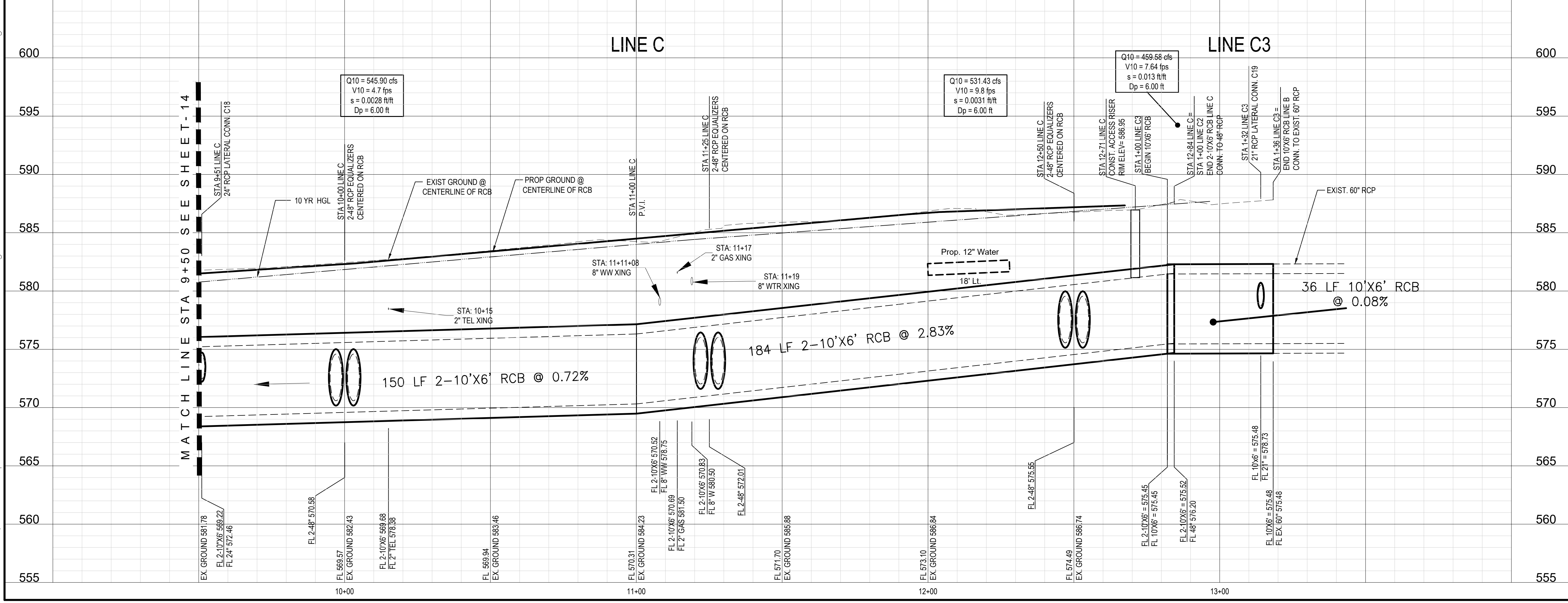
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	14

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT



- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE STRUCTURAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE LATERAL DETAIL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE UNIVERSITY PARK STANDARD DETAIL S1-111 FOR RISERS.
 - SEE BORE LOG PLAN & PROFILE SHEET 64 FOR ADDITIONAL INFORMATION.

HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1	6999925.25	2494135.18
2	6999940.16	2494133.72
3	6999975.90	2494168.02
4	6999988.98	2494799.37
5	7000008.24	2494817.73
6	7000162.89	2494824.20
7	7000277.14	2494840.62
8	7000402.30	2494868.90
9	7000574.31	2494897.93
10	7000730.85	2494905.79
11	7001172.30	2494898.95
12	7001185.97	2494913.77



NO.	DATE	REVISIONS	APPROVED

HILLCREST AVE LINE C
STORM DRAIN PLAN AND PROFILE
 CITY OF UNIVERSITY PARK

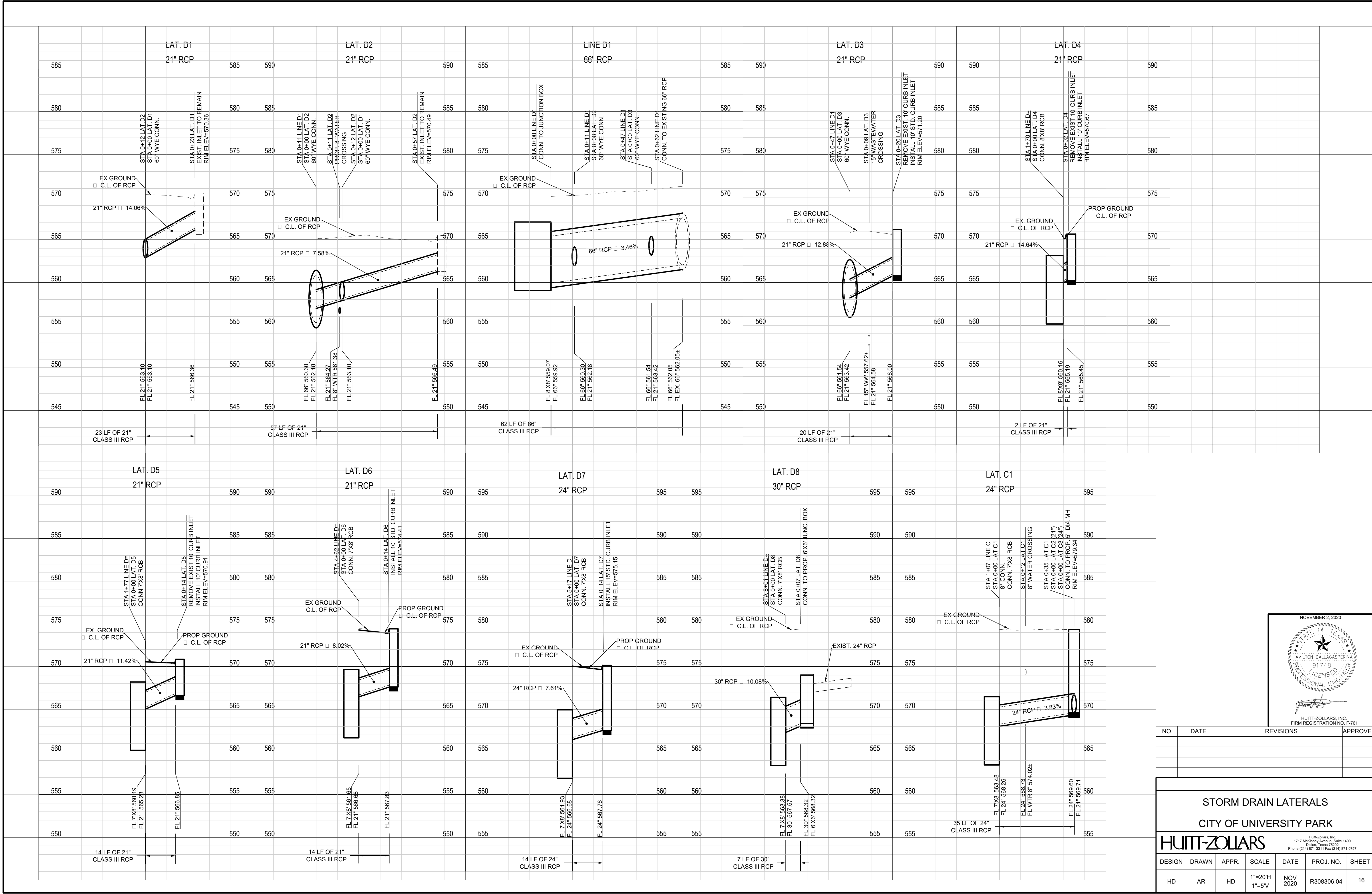
HUITT-ZOLLARS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	15

USER: aramirez

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Sheets\Phase2_Sheets\09 STORM DRAIN LATERALS AND DETAIL SHEETS.dwg

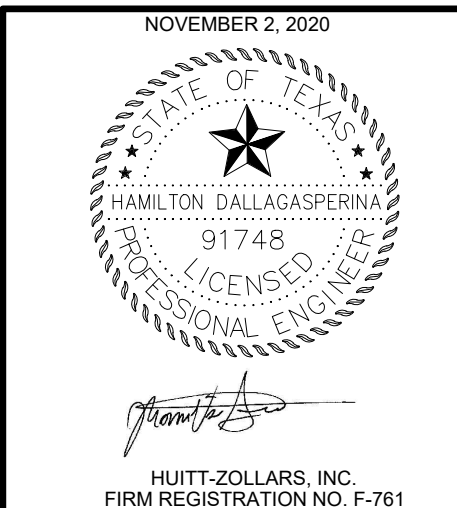
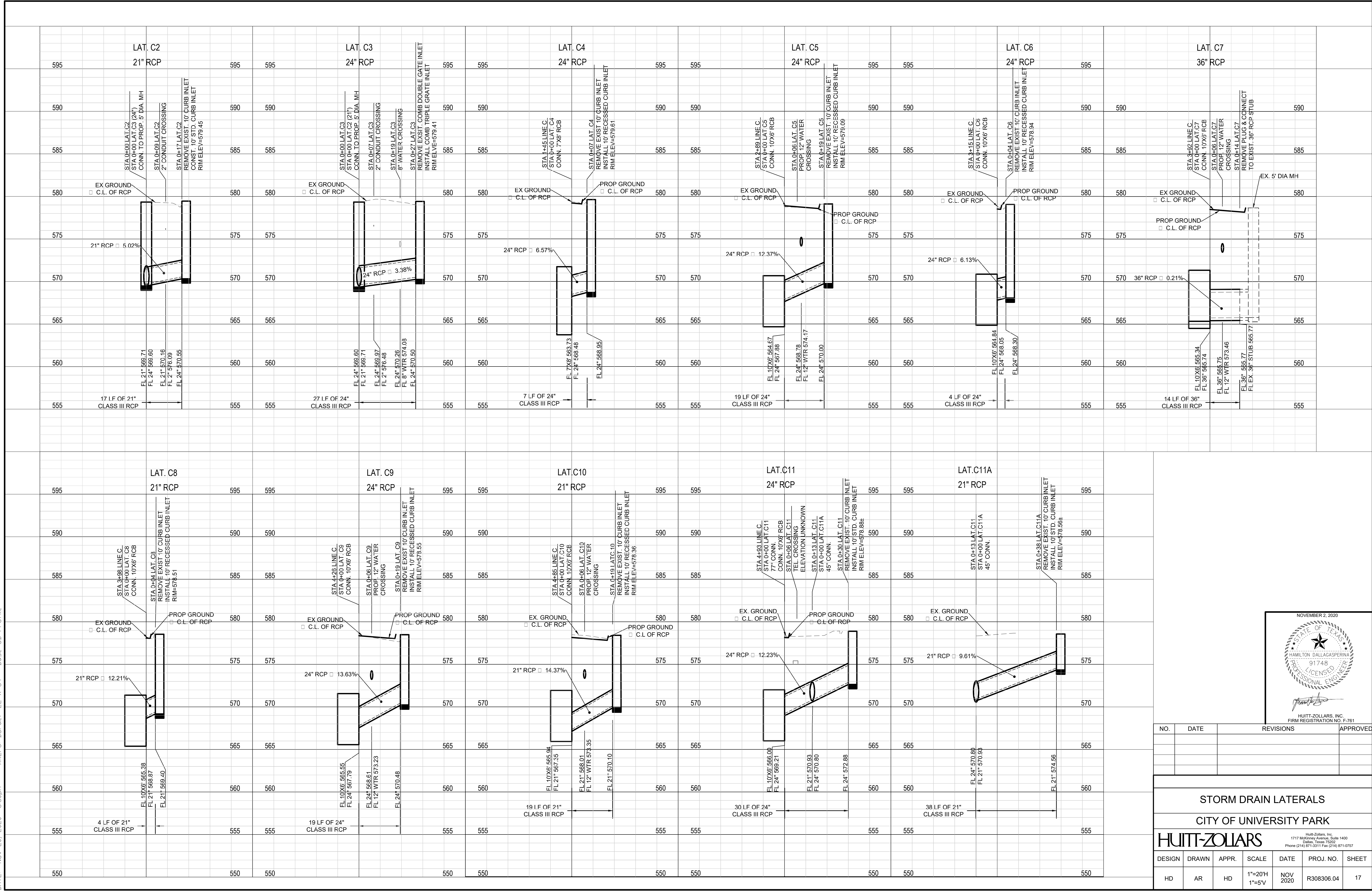
DATE: Nov 20, 2020 6:30pm XREFS: Border 22 X 34 Base SD Profile



NO.	DATE	REVISIONS	APPROVED
STORM DRAIN LATERALS			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
HD	AR	HD	1"=20'H 1"=5'V
DATE	PROJ. NO.	SHEET	
NOV 2020	R308306.04	16	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\SHEETS\Phase2_Sheets\09 STORM DRAIN LATERALS AND DETAIL SHEETS.dwg
 DATE: Nov 20, 2020 6:30pm XREFS: Border 22 X 34 Base SD Profile USER: oraminrez



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

STORM DRAIN LATERALS

CITY OF UNIVERSITY PARK

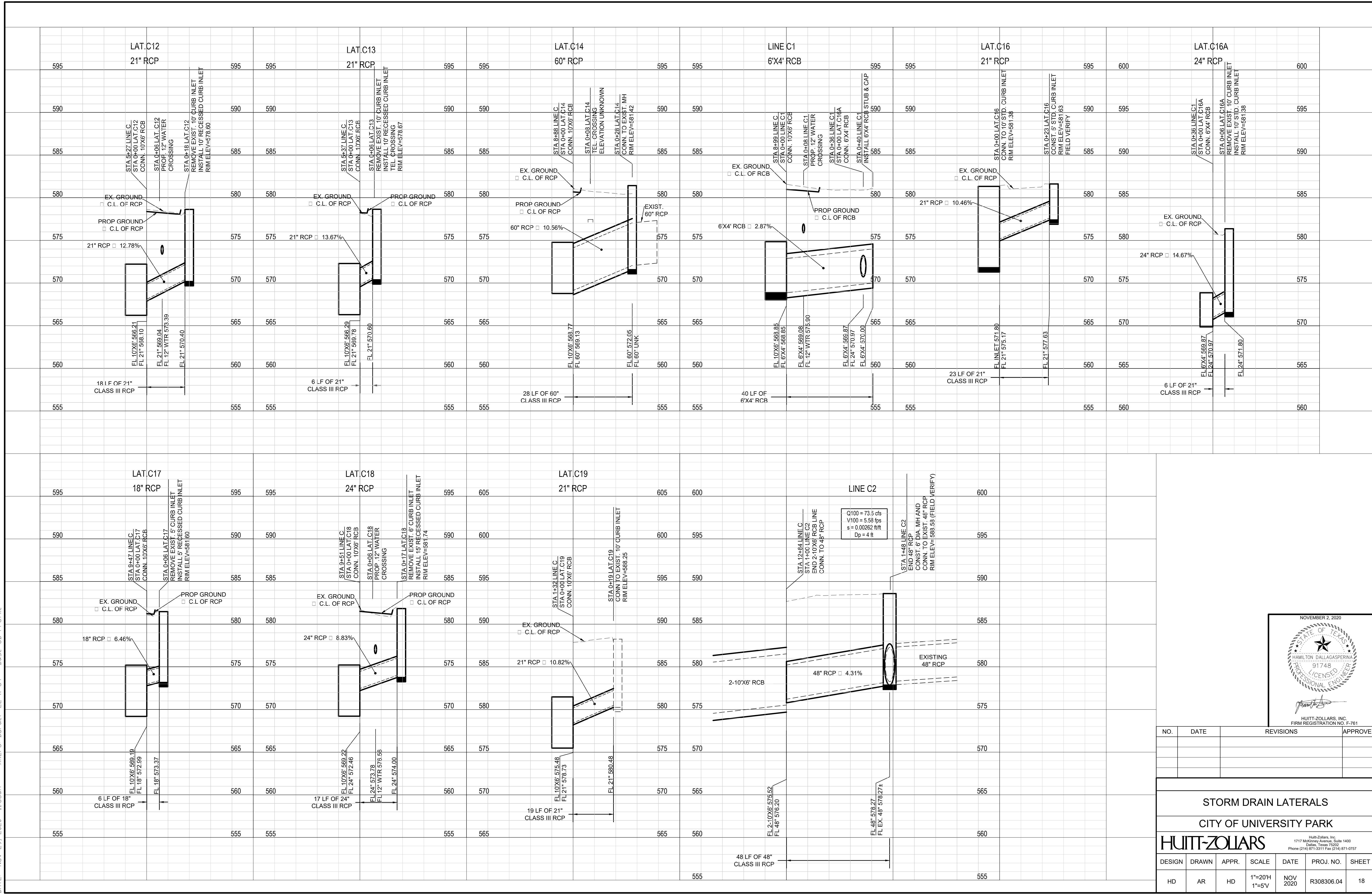
HUITT-ZOLLARS

Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	17

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

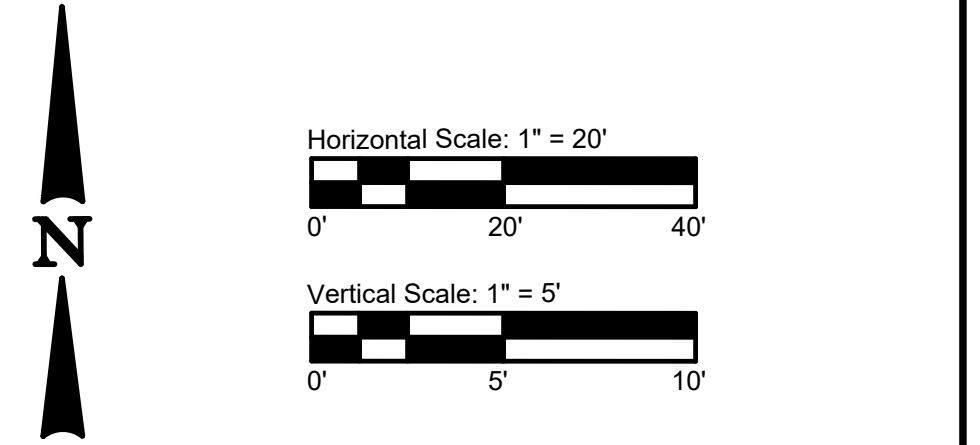
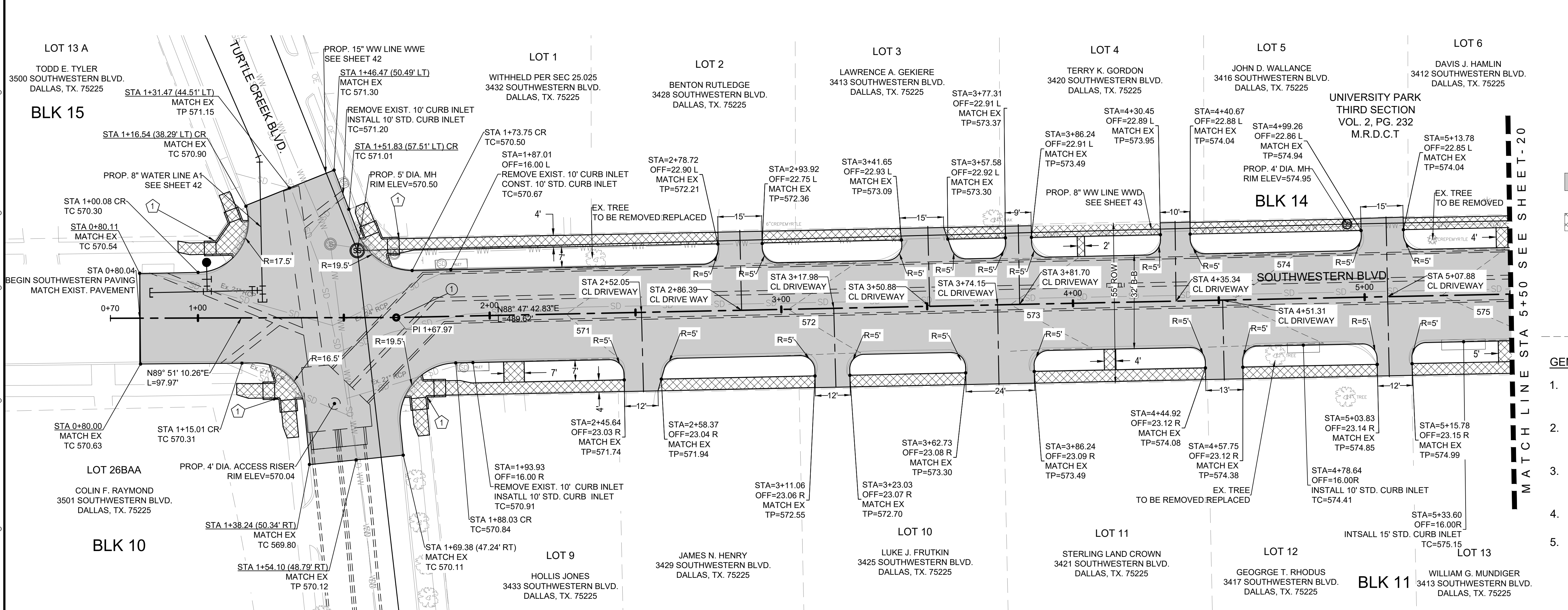
DWG: \\hzdallas2\disk2\proj\1308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Sheets\Phase2_Sheets\Phase2_Sheets\Phase2_Sheets.dwg
 DATE: Nov 29, 2020 11:35am XREFS: Border 22 X 34 Base SD Profile
 USER: aramirez



NO.		DATE	REVISIONS	APPROVED		
STORM DRAIN LATERALS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
<small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	18

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

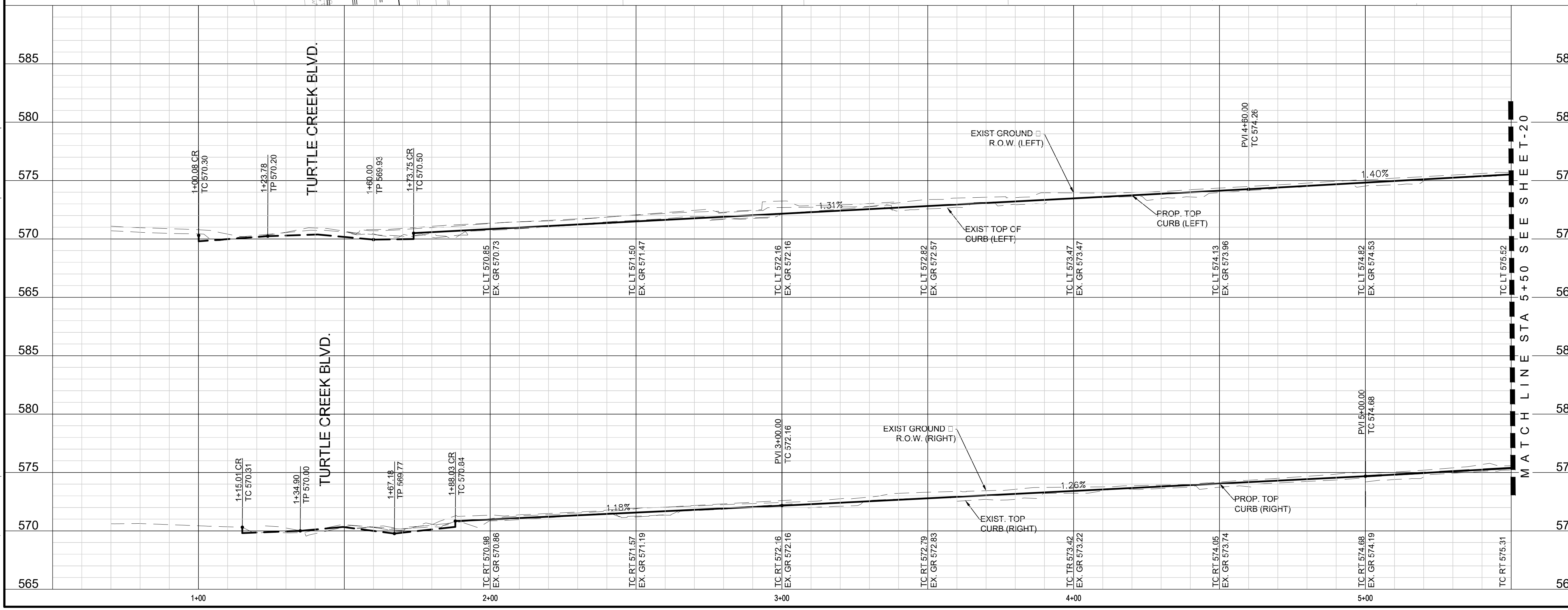
USER: aramirez Base SD Alignments Base SD Alignments Base SD Alignments Base SD Alignments Base SD Alignments Base SD Alignments
 DWG: H:\proj\3308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\19 Paving Plan and Profile Sheets.dwg
 DATE: Dec 04, 2020 2:18pm XREFS: Border 22 X 34 Contour Lines Topo Park topo-3 Base SD Profile Row Existing Utilities



- LEGEND**
- CLASS "C" 4000 PSI CONCRETE PAVEMENT
W=4 BARS @ 24" O.C
 - 4" 3000 PSI CONCRETE SIDEWALK
W=3 BARS @ 24" O.C
 - BARRIER FREE RAMP SYMBOL
 - HORIZONTAL CONTROL PT SYMBOL
 - PROP. 1-FT CONTOURS

- GENERAL NOTES:**
- SEE STORMDRAIN PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER/WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE CROSS SECTION PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE DETAIL SHEETS FOR DRIVEWAY INFORMATION.
 - SEE SOUTHWESTERN X TURTLE CREEK INTERSECTION GRADING PLAN SHEET FOR ADDITIONAL INFORMATION.

HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1-PI	6999955.67	2494149.91
2-PI	6999965.97	2494639.43
3-PI	7000021.72	2494810.77
4-PI	7000081.18	2494812.78
5-PC	7000118.17	2494814.88
6-PT	7000341.80	2494847.23
7-PC	7000406.05	2494862.32
8-PT	7000763.35	2494898.91
9-PI	7000974.98	2494893.28



NOVEMBER 2, 2020

HUIJT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

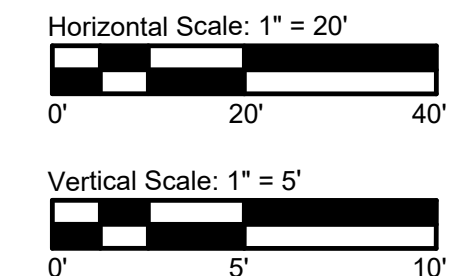
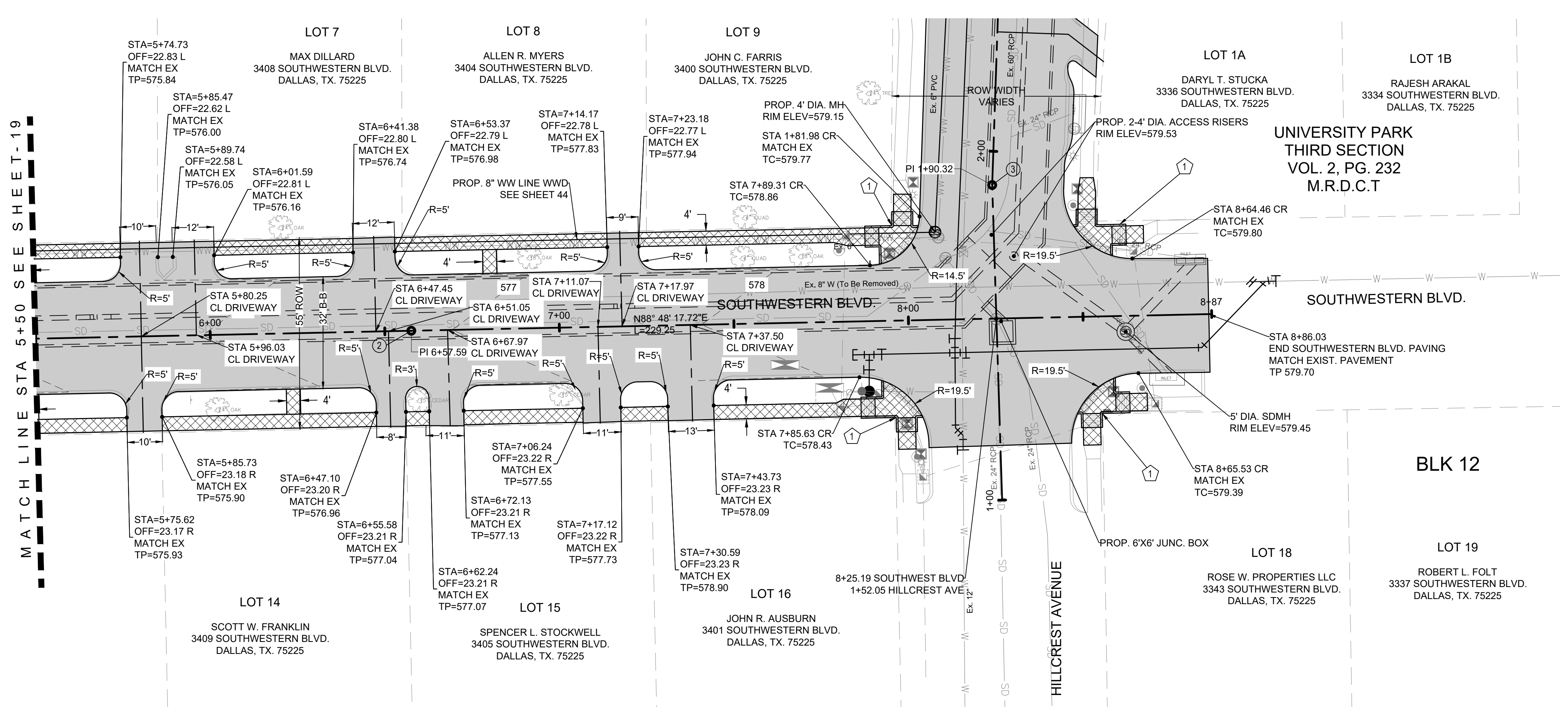
SOUTHWESTERN BLVD
PAVING PLAN AND PROFILE
CITY OF UNIVERSITY PARK

HUIJT-ZOLLARS

Huijt-Zollars, Inc.
1717 McKinney Avenue, Suite 1400
Dallas, Texas 75202
Phone (214) 871-3311 Fax (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	19

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

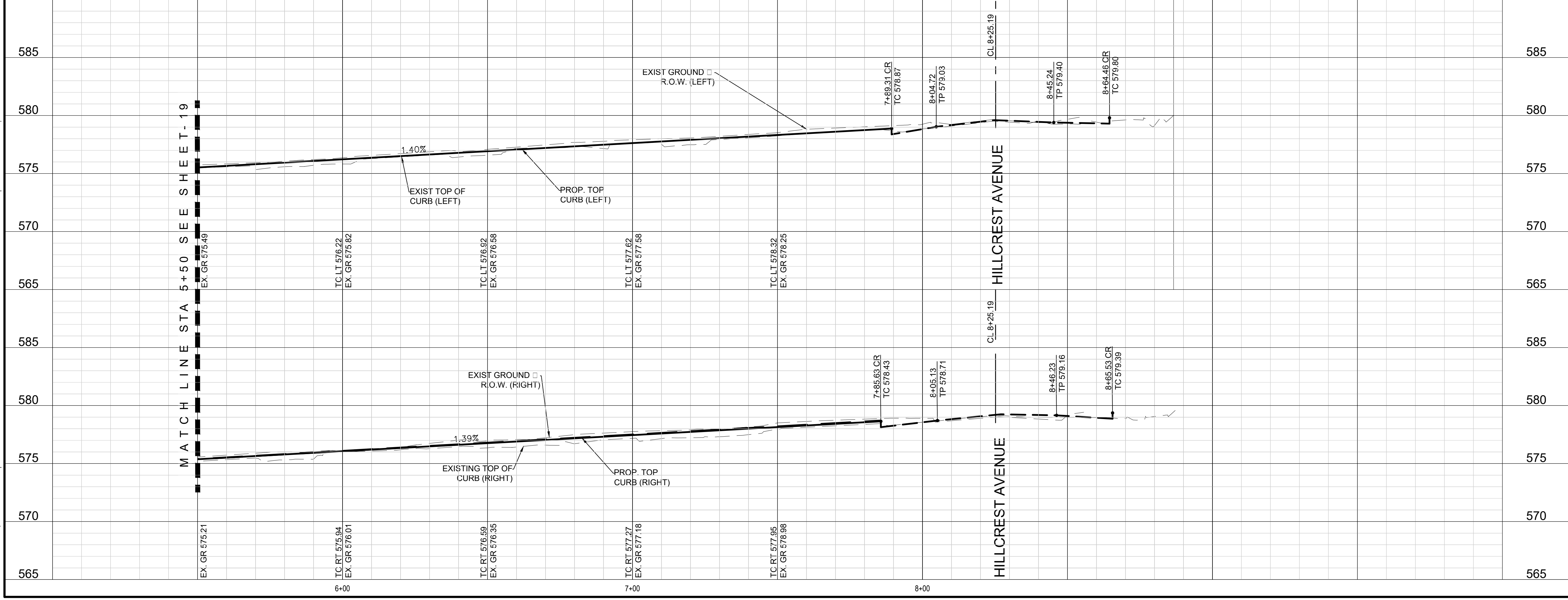
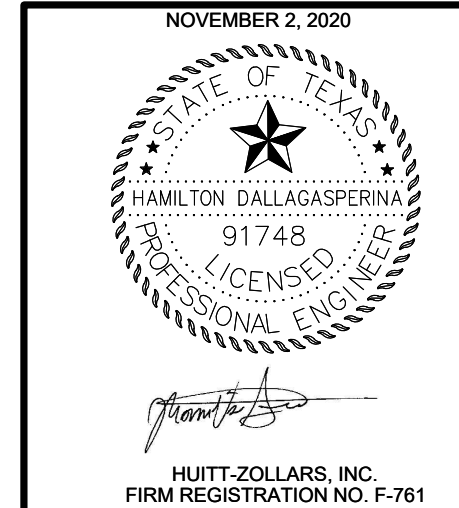


- LEGEND**
- CLASS "C" 4000 PSI CONCRETE PAVEMENT
W 4 BARS @ 24" O.C
 - 4" 3000 PSI CONCRETE SIDEWALK
W 3 BARS @ 24" O.C
 - BARRIER FREE RAMP SYMBOL
 - HORIZONTAL CONTROL PT SYMBOL
 - PROP. 1-FT CONTOURS

- GENERAL NOTES:**
- SEE STORMDRAIN PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER/WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE CROSS SECTION PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE DETAIL SHEETS FOR DRIVEWAY INFORMATION.
 - SEE HILLCREST X SOUTHWESTERN INTERSECTION GRADING PLAN SHEET FOR ADDITIONAL INFORMATION.
 - EXISTING SIGNAL POLES & EQUIPMENT TO REMAIN. CONTRACTOR TO PROTECT AT ALL TIMES.

HORIZONTAL CONTROL DATA

POINT	NORTH (Y)	EAST (X)
1-PI	6999955.67	2494149.91
2-PI	6999965.97	2494639.43
3-PI	7000021.72	2494810.77
4-PI	7000081.18	2494812.78
5-PC	7000118.17	2494814.88
6-PT	7000341.80	2494847.23
7-PC	7000406.05	2494862.32
8-PT	7000763.35	2494898.91
9-PI	7000974.98	2494893.28



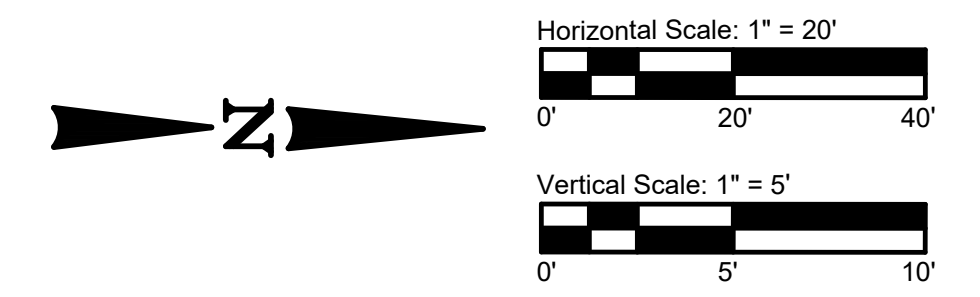
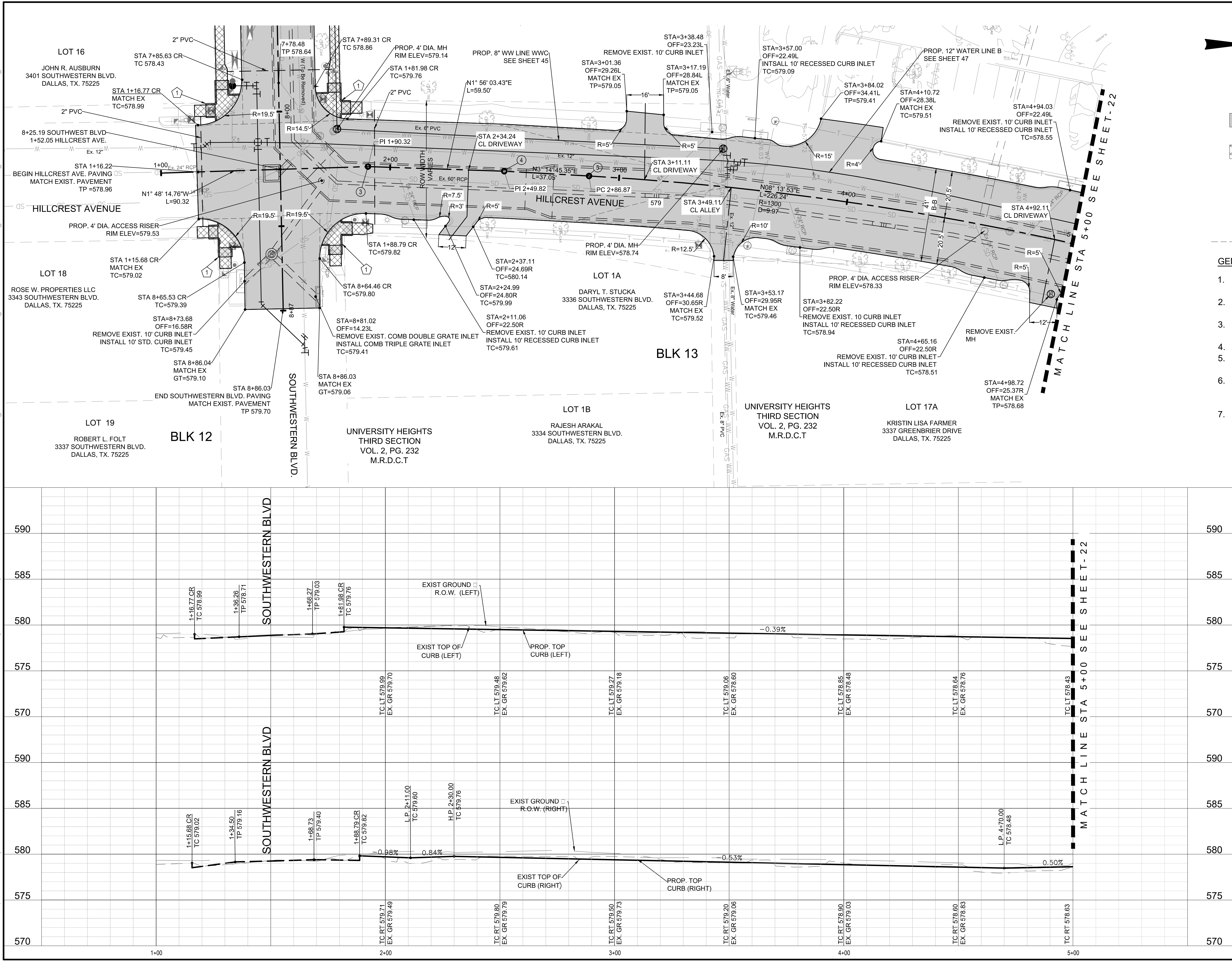
NO.	DATE	REVISIONS	APPROVED

SOUTHWESTERN BLVD
PAVING PLAN AND PROFILE
CITY OF UNIVERSITY PARK

HUITT-ZOLLARS
 Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	20

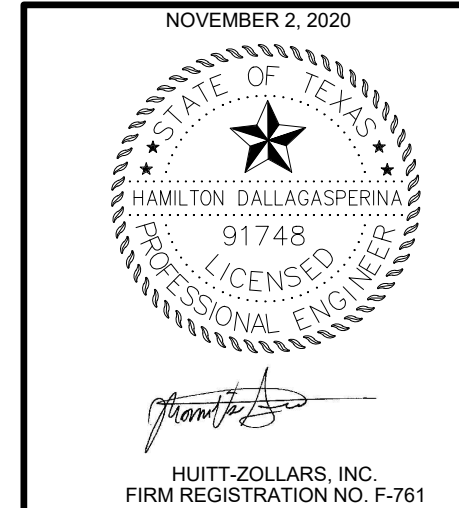
DWG: H:\proj\308306.04 - Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\19 PAVING PLAN AND PROFILE SHEETS.dwg
 DATE: Nov 30, 2020 12:46pm XREFS: Border 22 X 34 Contour Lines Topo Base SD Profile Row Existing Utilities Base Ww Alignments Base Paving Plan Base SD Alignments Base SD Profile



- LEGEND**
- CLASS "C" 4000 PSI CONCRETE PAVEMENT
W 4 BARS 24" O.C
 - 4" 3000 PSI CONCRETE SIDEWALK
W 3 BARS 24" O.C
 - 1 BARRIER FREE RAMP SYMBOL
 - 1 HORIZONTAL CONTROL PT SYMBOL
 - PROP. 1-FT CONTOURS

- GENERAL NOTES:**
- SEE STORMDRAIN PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER/WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE CROSS SECTION PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE DETAIL SHEETS FOR DRIVE WAY INFORMATION.
 - SEE HILLCREST X SOUTHWESTERN INTERSECTION PLAN SHEET FOR ADDITIONAL INFORMATION.
 - EXISTING SIDEWALK TO REMAIN. DAMAGED PANELS WILL BE REPLACED AT CONTRACTORS EXPENSE. 4" OF SOD REPLACEMENT INCLUDED IN PARKWAY ONLY.
 - CONTRACTOR TO INSTALL 2" PVC CONDUIT FOR FUTURE USE AT LOCATIONS INDICATED ON THE PLAN.

HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1-PI	6999955.67	2494149.91
2-PI	6999965.97	2494639.43
3-PI	7000021.72	2494810.77
4-PI	7000081.18	2494812.78
5-PC	7000118.17	2494814.88
6-PT	7000341.80	2494847.23
7-PC	7000406.05	2494862.32
8-PT	7000763.35	2494898.91
9-PI	7000974.98	2494893.28



NO.	DATE	REVISIONS	APPROVED

HILLCREST AVENUE

PAVING PLAN AND PROFILE

CITY OF UNIVERSITY PARK

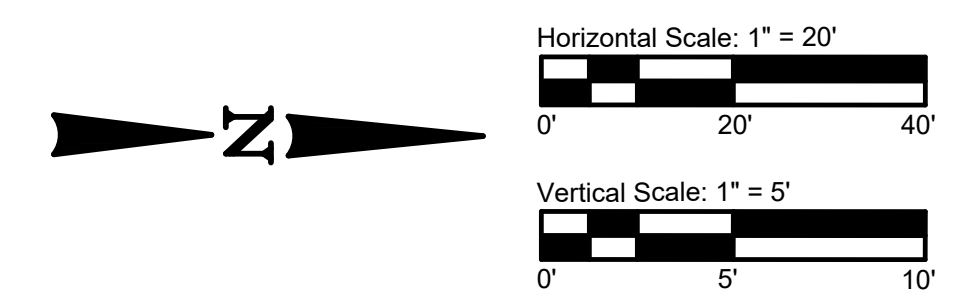
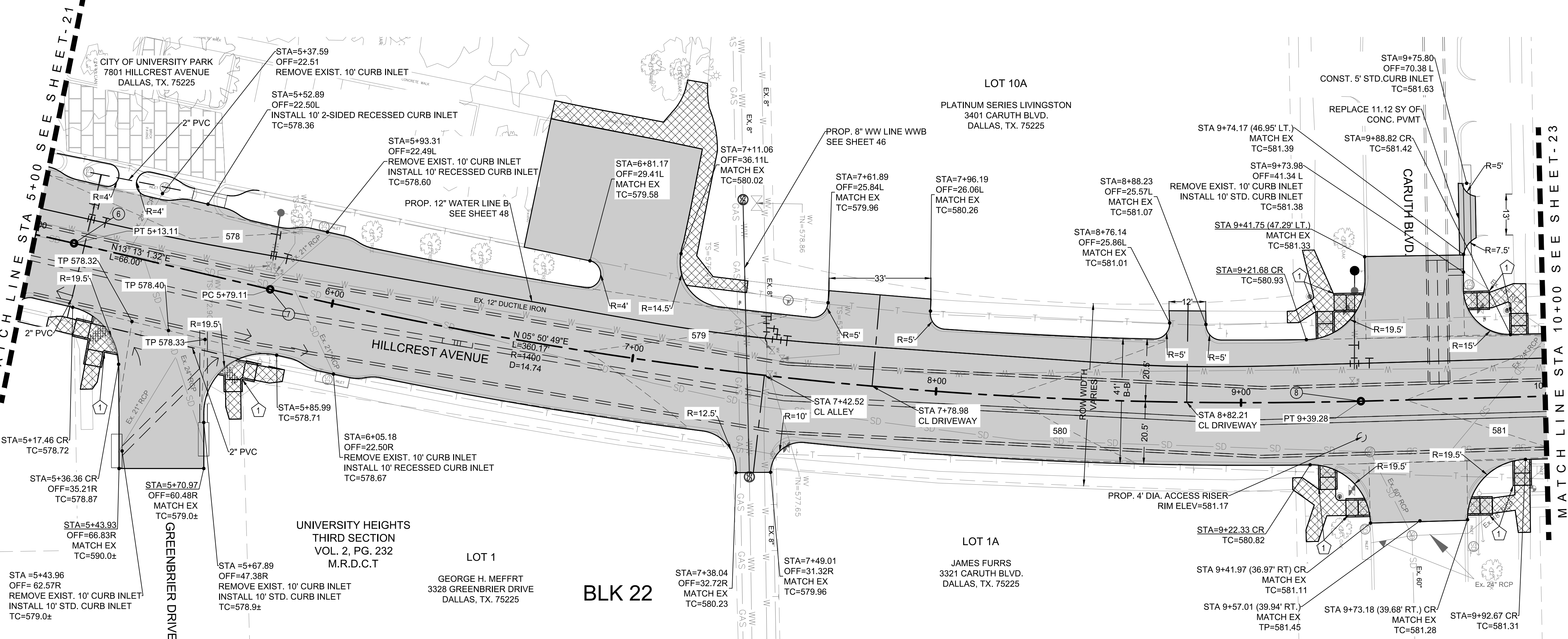
HUITT-ZOLLARS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	21

Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

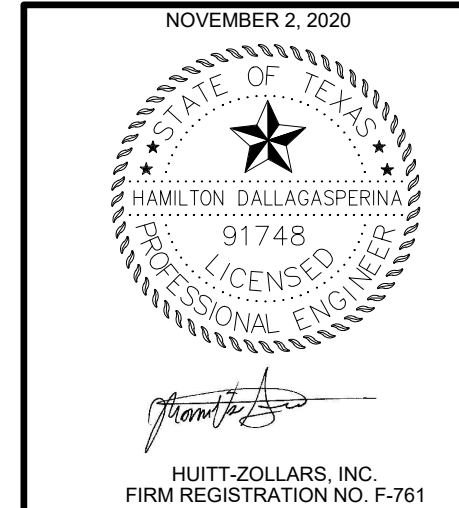
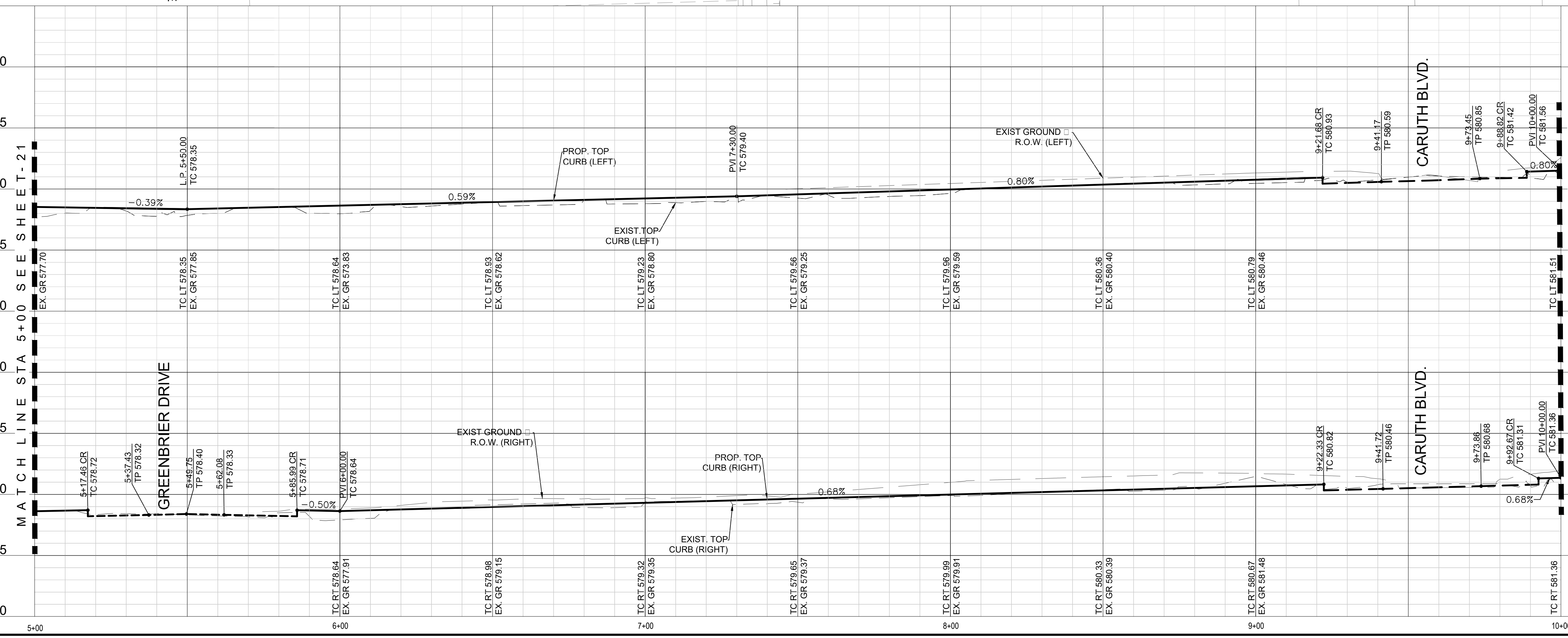
DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Drawings\Phase2_Sheets\19 Paving Plan and Profile Sheets.dwg
 DATE: Dec 04, 2020 2:19pm
 USER: aramirez
 Base SD Alignments
 Base W/W Alignments
 Base Paving Plan
 Base SD Profile
 Row
 Existing Utilities
 Contour Lines
 Park topo-3
 Base SD Profile



- LEGEND**
- CLASS "C" 4000 PSI CONCRETE PAVEMENT
W 4 BARS 24" O.C
 - 4" 3000 PSI CONCRETE SIDEWALK
W 3 BARS 24" O.C
 - BARRIER FREE RAMP SYMBOL
 - HORIZONTAL CONTROL PT SYMBOL
 - PROP. 1-FT CONTOURS

- GENERAL NOTES:**
1. SEE STORMDRAIN PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 2. SEE WATER/WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 3. SEE CROSS SECTION PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 4. SEE DETAIL SHEETS FOR DRIVE WAY INFORMATION.
 5. SEE HILLCREST X CARUTH INTERSECTION PLAN SHEET FOR ADDITIONAL INFORMATION.
 6. EXISTING SIDEWALK TO REMAIN. DAMAGED PANELS WILL BE REPLACED AT CONTRACTORS EXPENSE. 4" OF SOD REPLACEMENT INCLUDED IN PARKWAY ONLY.
 7. CONTRACTOR TO INSTALL 2" PVC CONDUIT FOR FUTURE USE AT LOCATIONS INDICATED ON THE PLAN.

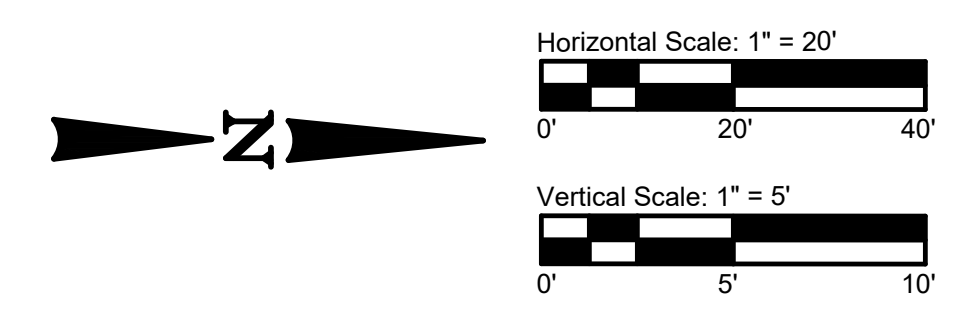
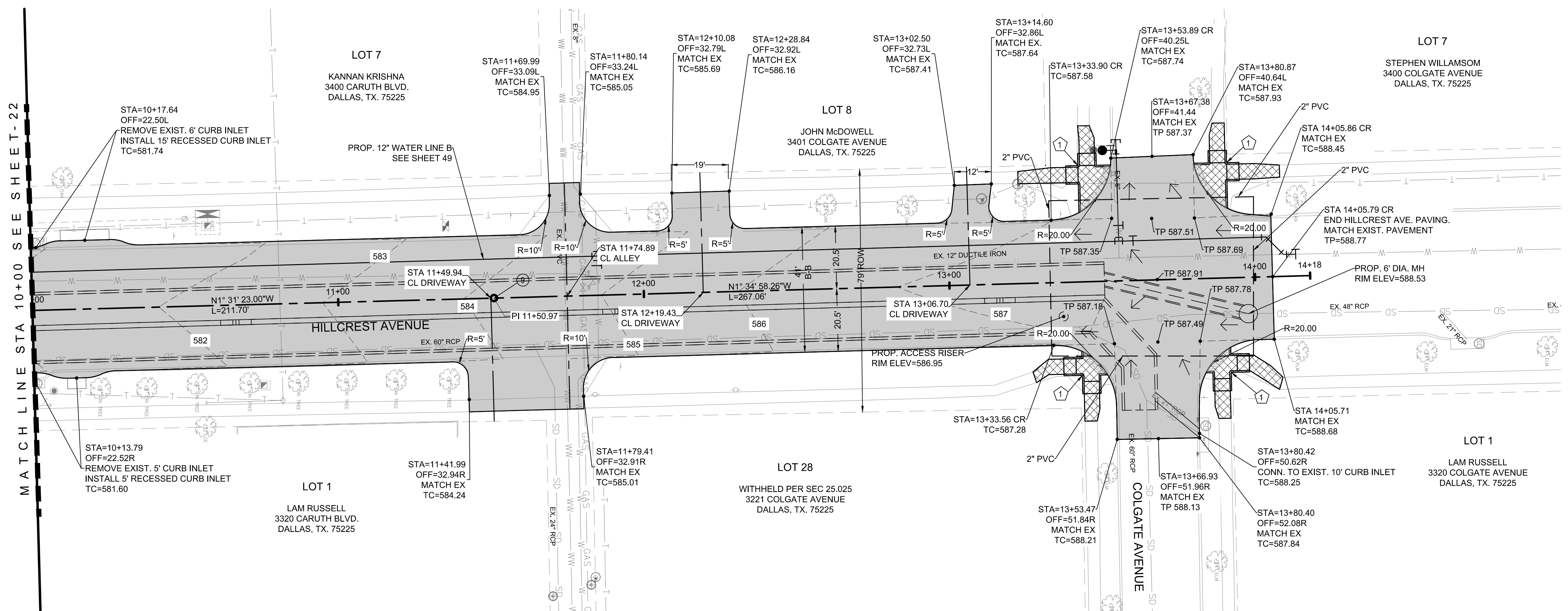
HORIZONTAL CONTROL DATA		
POINT	NORTH (Y)	EAST (X)
1-PI	6999955.67	2494149.91
2-PI	6999965.97	2494639.43
3-PI	7000021.72	2494810.77
4-PI	7000081.18	2494812.78
5-PC	7000118.17	2494814.88
6-PT	7000341.80	2494847.23
7-PC	7000406.05	2494862.32
8-PT	7000763.35	2494898.91
9-PI	7000974.98	2494893.28



NO.	DATE	REVISIONS	APPROVED

HILLCREST AVENUE						
PAVING PLAN AND PROFILE						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	22

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT



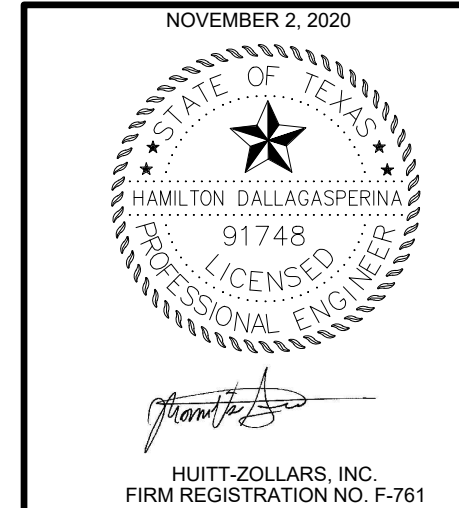
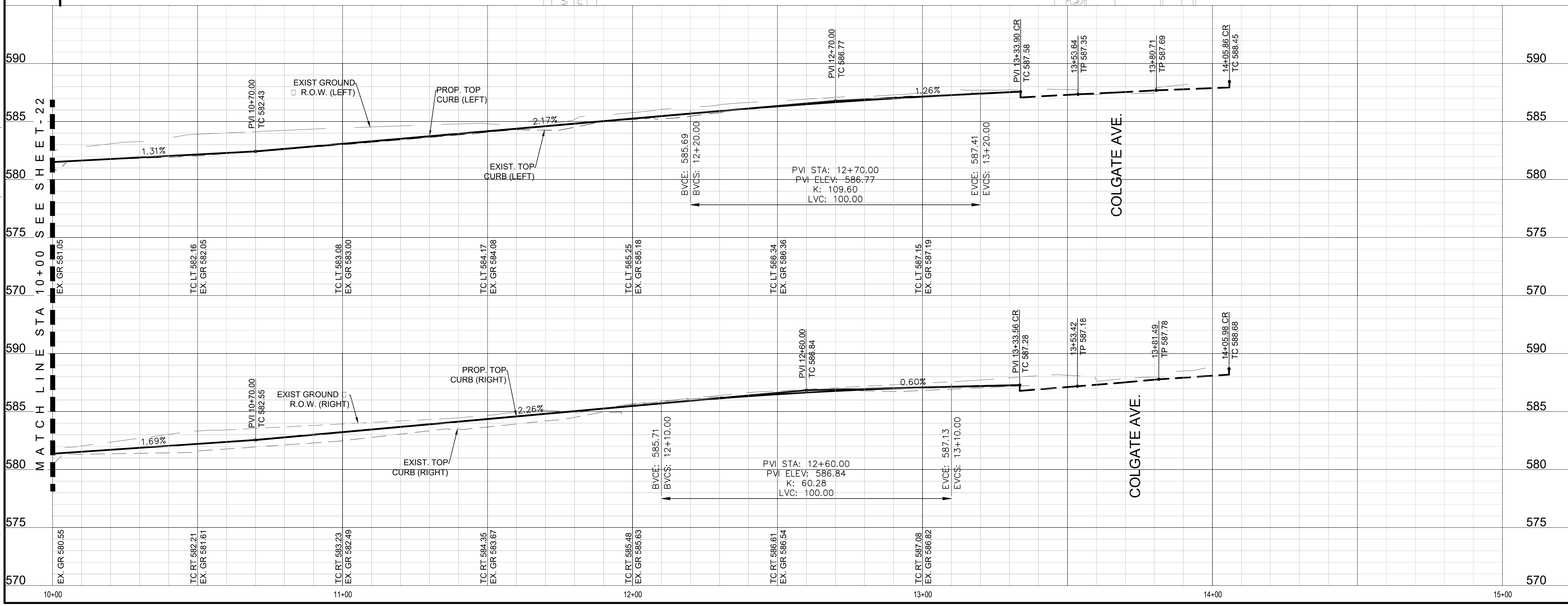
LEGEND

	CLASS "C" 4000 PSI CONCRETE PAVEMENT W 4 BARS @ 24" O.C
	4" 3000 PSI CONCRETE SIDEWALK W 3 BARS @ 24" O.C
	BARRIER FREE RAMP SYMBOL
	HORIZONTAL CONTROL PT SYMBOL
	PROP. 1-FT CONTOURS

- GENERAL NOTES:**
- SEE STORMDRAIN PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE WATER/WASTEWATER PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE CROSS SECTION PROFILE SHEETS FOR ADDITIONAL INFORMATION.
 - SEE DETAIL SHEETS FOR DRIVE WAY INFORMATION.
 - EXISTING SIDEWALK TO REMAIN. DAMAGED PANELS WILL BE REPLACED AT CONTRACTORS EXPENSE. 4" OF SOD REPLACEMENT INCLUDED IN PARKWAY ONLY.
 - CONTRACTOR TO INSTALL 2" PVC CONDUIT FOR FUTURE USE AT LOCATIONS INDICATED ON THE PLAN.

HORIZONTAL CONTROL DATA

POINT	NORTH (Y)	EAST (X)
1-PI	6999955.67	2494149.91
2-PI	6999965.97	2494639.43
3-PI	7000021.72	2494810.77
4-PI	7000081.18	2494812.78
5-PC	7000118.17	2494814.88
6-PT	7000341.80	2494847.23
7-PC	7000406.05	2494862.32
8-PT	7000763.35	2494898.91
9-PI	7000974.98	2494893.28



NO.	DATE	REVISIONS	APPROVED

HILLCREST AVENUE

PAVING PLAN AND PROFILE

CITY OF UNIVERSITY PARK

HUITT-ZOLLARS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	23

Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

USER: aramirez
 Base Paving Plan
 Row
 Topo
 Park topo-3
 Base SD Profile
 Intersection PLAN.dwg
 BIM\101 AutoCAD\SHEETS\Phase2_Sheets\17 INTERSECTION PLAN.dwg
 H:\pro\1308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\SHEETS\Phase2_Sheets\17 INTERSECTION PLAN.dwg
 DATE: Nov 30, 2020 11:51am
 XREFS: Border 22 X 34 Contour Lines

LOT 13 A
 TODD E. TYLER
 3500 SOUTHWESTERN BLVD.
 DALLAS, TX. 75225

BLK 15

LOT 1
 WITHHELD PER SEC 25.025
 3432 SOUTHWESTERN BLVD.
 DALLAS, TX. 75225

STA 1+31.47 (44.51' LT)
 MATCH EX
 TP 571.15

STA 1+46.47 (50.49' LT)
 MATCH EX
 TC 571.30

STA 1+16.54 (38.29' LT) CR
 MATCH EX
 TC 570.90

STA 1+51.83 (57.51' LT) CR
 TC 571.01

STA 0+80.11
 MATCH EX
 TC 570.54

STA 1+00.08 CR
 TC 570.30

STA 1+73.75 CR
 TC 570.50

R=17.5'

R=19.5'

0+70

GT 569.70 (LP)
 1+00

SOUTHWESTERN BLVD.

2+00

STA 0+80.04
 BEGIN SOUTHWESTERN PAVING
 MATCH EX
 TP 570.56

GT 569.60 (LP)

TP 570.00

TP 569.85

STA 80.00
 MATCH EX
 TC 570.63

STA 1+15.01 CR
 TC 570.31

STA 1+88.03 CR
 TC 570.84

LOT 26BAA

COLIN F. RAYMOND
 3501 SOUTHWESTERN BLVD.
 DALLAS, TX. 75225

R=16.5'

R=19.5'

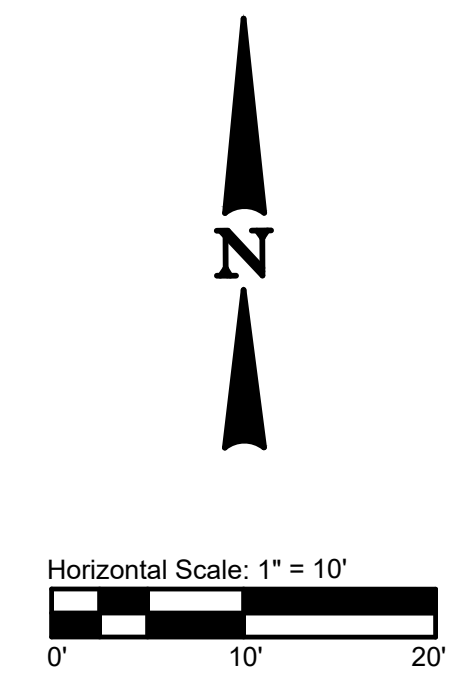
STA 1+38.24 (50.34' RT)
 MATCH EX
 TC 569.80

STA 1+69.38 (47.24' RT)
 MATCH EX
 TC 570.11

LOT 9

HOLLIS JONES
 3433 SOUTHWESTERN BLVD.
 DALLAS, TX. 75225

STA 1+54.10 (48.79' RT)
 MATCH EX
 TP 570.12

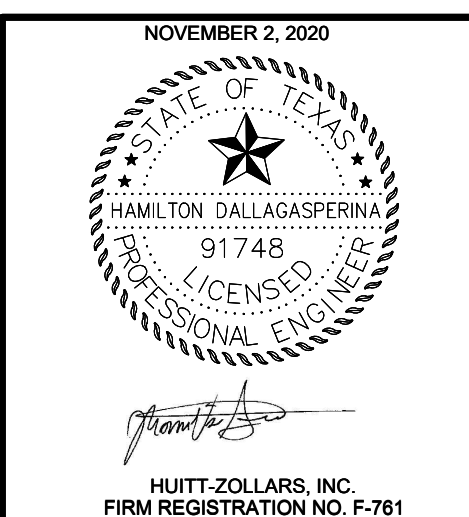


LEGEND

- CLASS "C" 4000 PSI CONCRETE PAVEMENT
 W=4 BARS @ 24" O.C
- 4" 3000 PSI CONCRETE SIDEWALK
 W=3 BARS @ 24" O.C

GENERAL NOTES:

1. SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
2. REFER TO TXDOT DETAIL SHEETS 67-70 FOR BARRIER FREE RAMP INFORMATION.



NO.	DATE	REVISIONS	APPROVED

SOUTHWESTERN X TURTLE CREEK

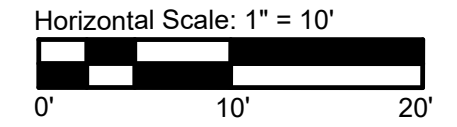
INTERSECTION PLAN

CITY OF UNIVERSITY PARK

HUITT-ZOLLARS						
<small> HUITT-ZOLLARS, INC. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757 </small>						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H	NOV 2020	R308306.04	24

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\17 INTERSECTION PLAN.dwg
 DATE: Nov 30, 2020 11:52am XREFS: Border 22 X 34 Contour Lines Topo Paving Profile Park topo-3 Base SD Profile Row Base Paving Plan
 USER: aramirez

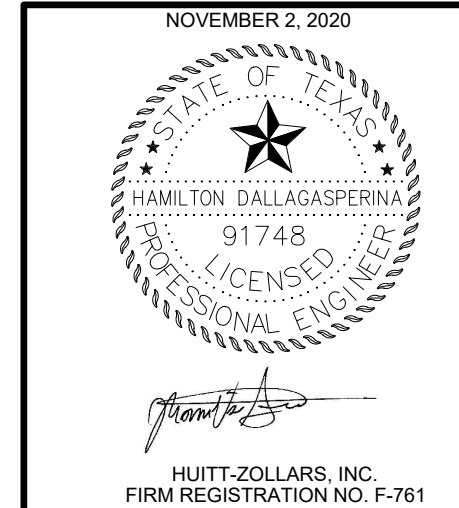
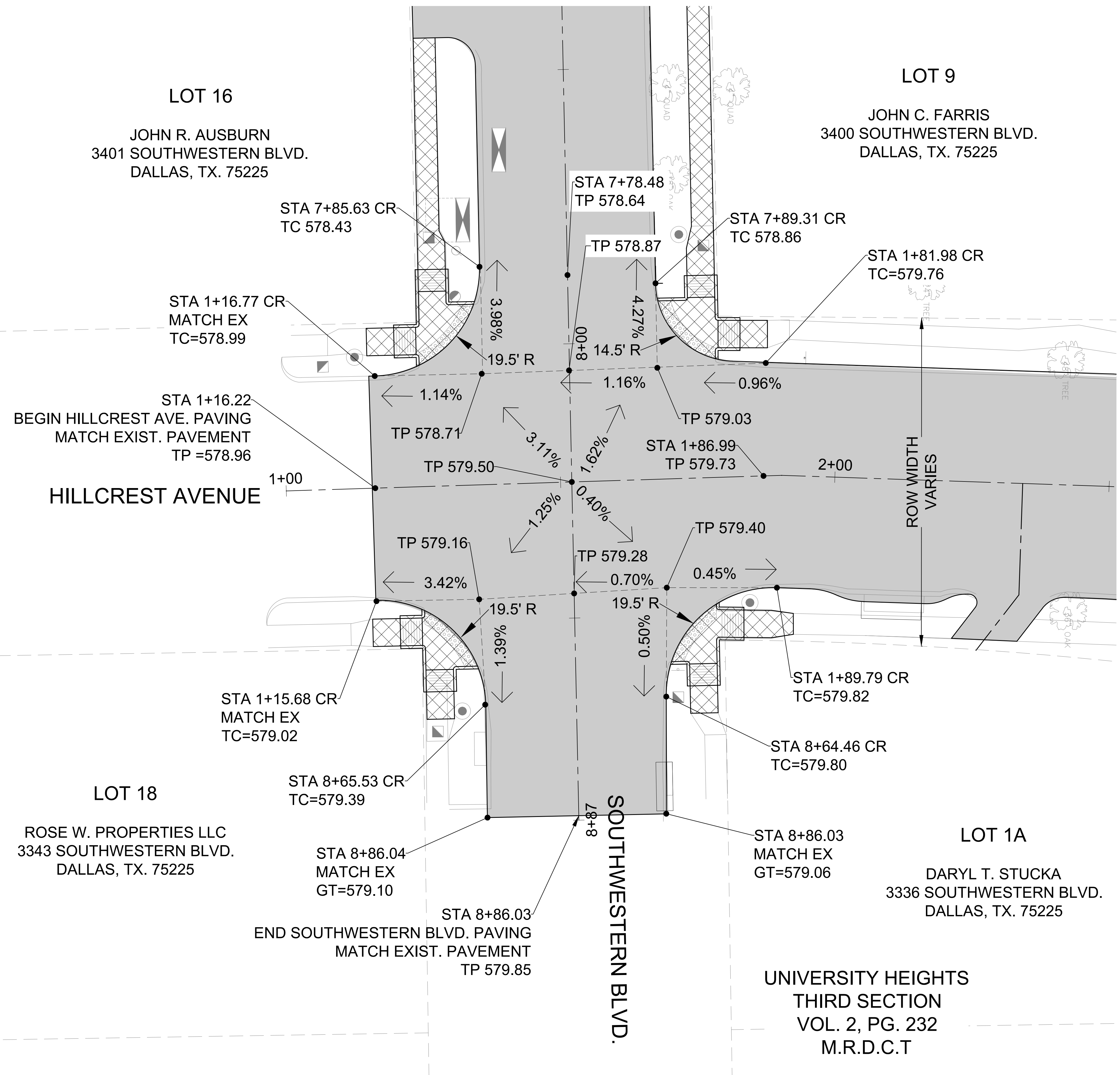


LEGEND

- CLASS "C" 4000 PSI CONCRETE PAVEMENT
 W4 BARS @ 24" O.C.
- 4" 3000 PSI CONCRETE SIDEWALK
 W3 BARS @ 24" O.C.

GENERAL NOTES:

1. SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
2. REFER TO TXDOT DETAIL SHEETS 67-70 FOR BARRIER FREE RAMP INFORMATION.

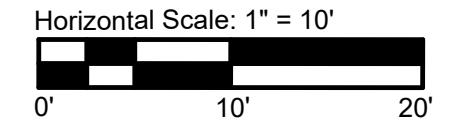
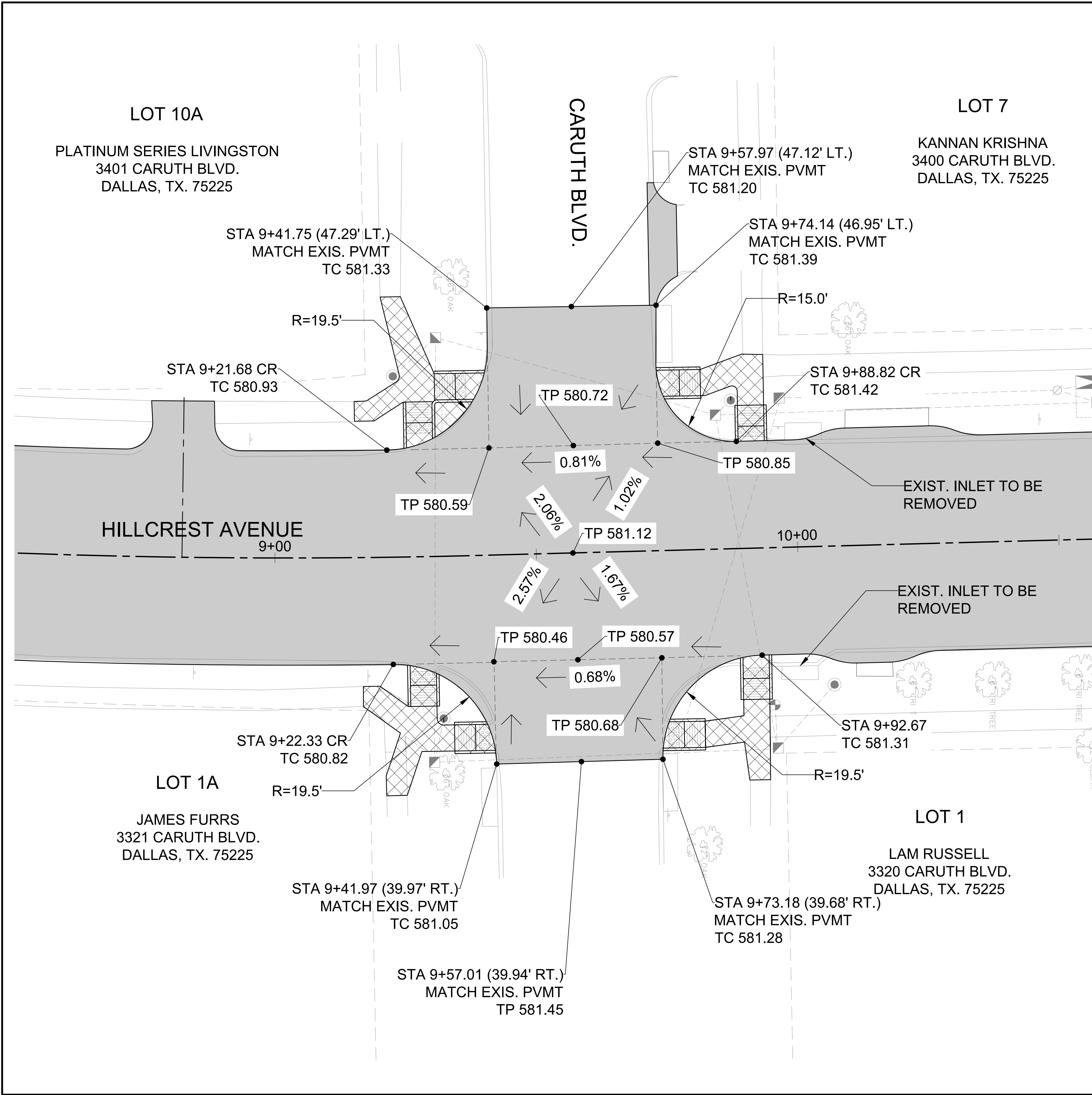


NO.	DATE	REVISIONS	APPROVED

HILLCREST X SOUTHWESTERN						
INTERSECTION PLAN						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H	NOV 2020	R308306.04	25

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

USER: aramirez
 Base Paving Plan
 Row
 Base SD Profile
 Topo
 Contour Lines
 XREFS: Border 22 X 34
 DATE: Nov 30, 2020 11:52am
 H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\17 INTERSECTION PLAN.dwg
 HUITT-ZOLLARS, INC.

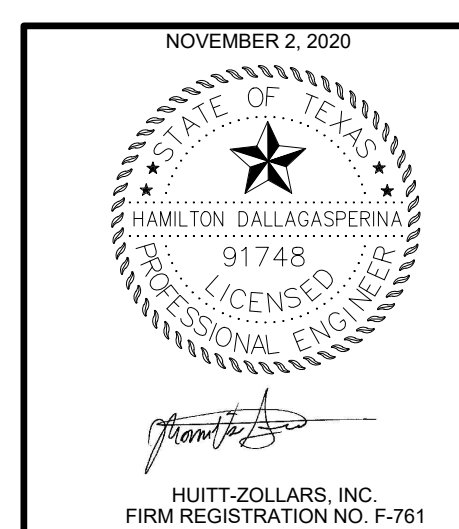


LEGEND

- CLASS "C" 4000 PSI CONCRETE PAVEMENT
 W₄ BARS @ 24" O.C.
- 4" 3000 PSI CONCRETE SIDEWALK
 W₃ BARS @ 24" O.C.

GENERAL NOTES:

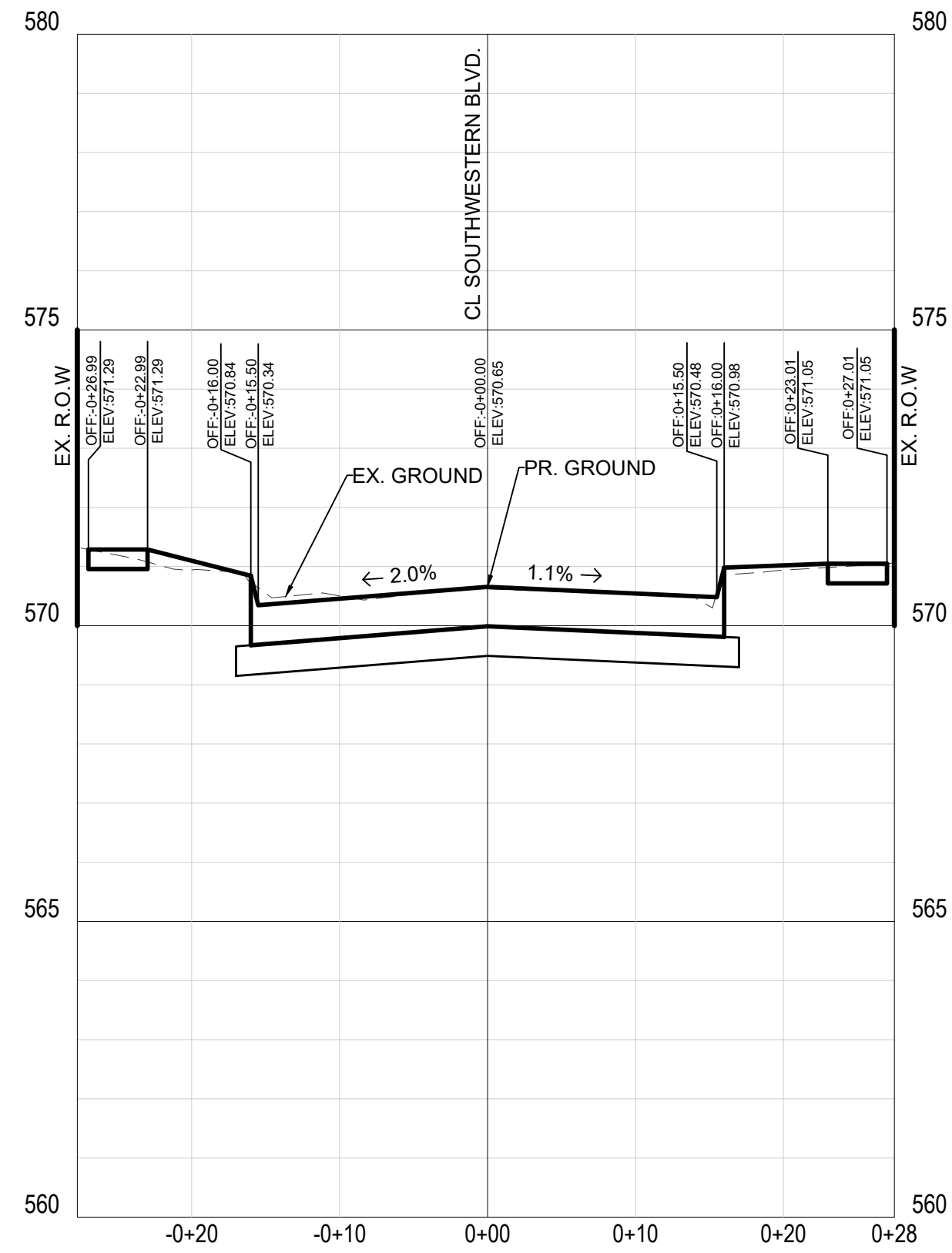
1. SEE PAVING PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION.
2. REFER TO TXDOT DETAIL SHEETS 67-70 FOR BARRIER FREE RAMP INFORMATION.



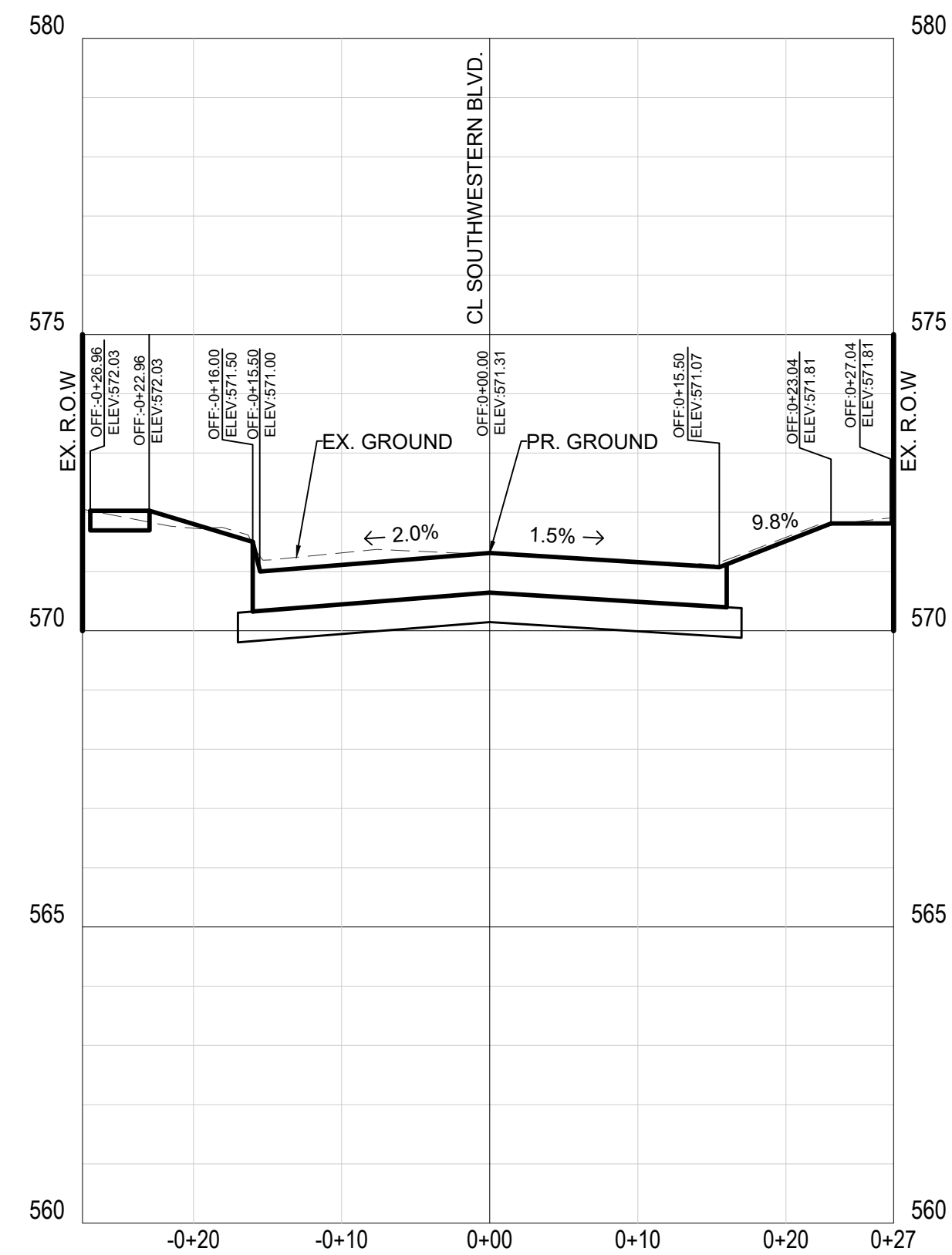
NO.	DATE	REVISIONS	APPROVED
HILLCREST X CARUTH			
INTERSECTION PLAN			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
DATE	PROJ. NO.	SHEET	
HD	AR	HD	1"=10'H
NOV 2020	R308306.04	26	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

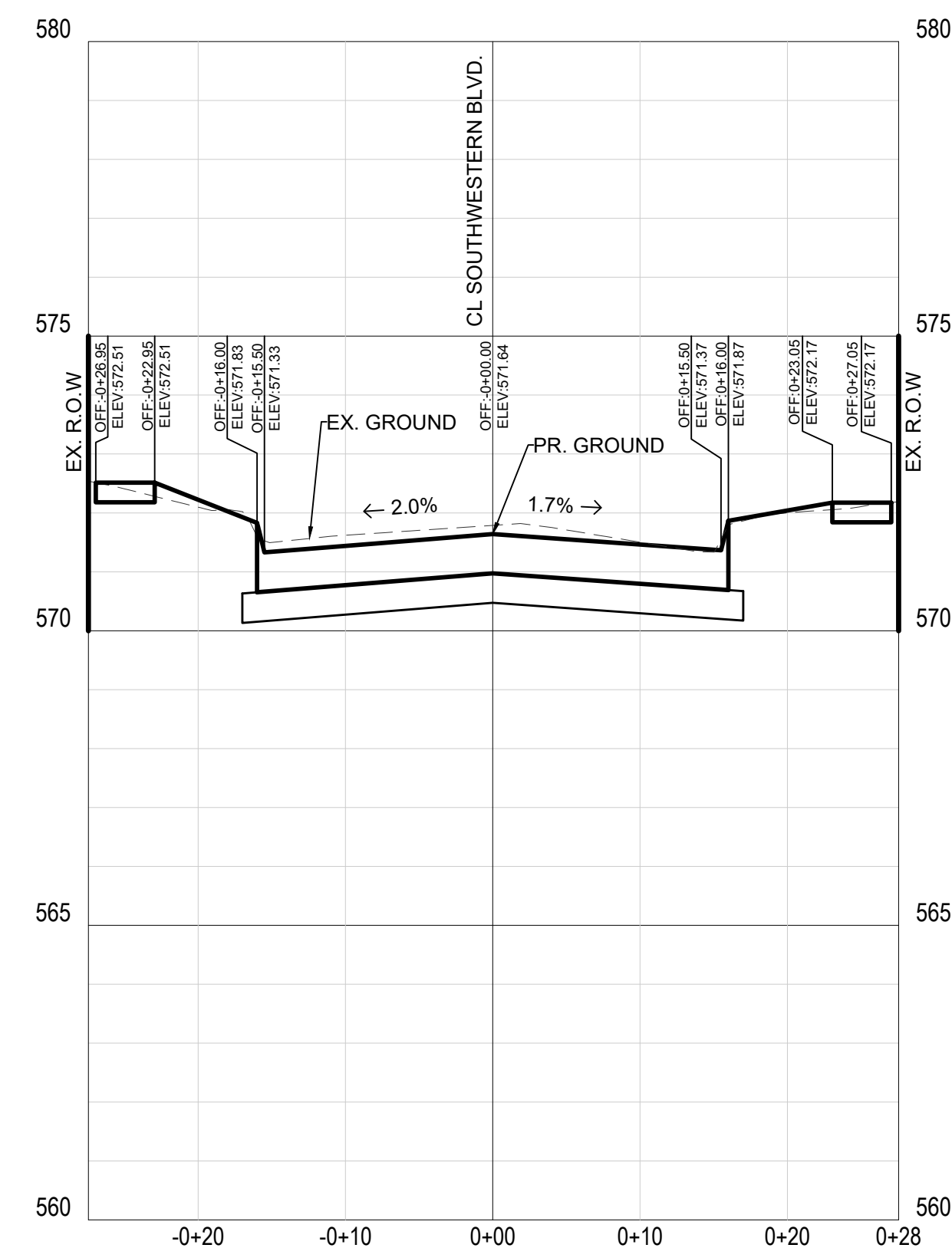
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Drawings\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:28pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



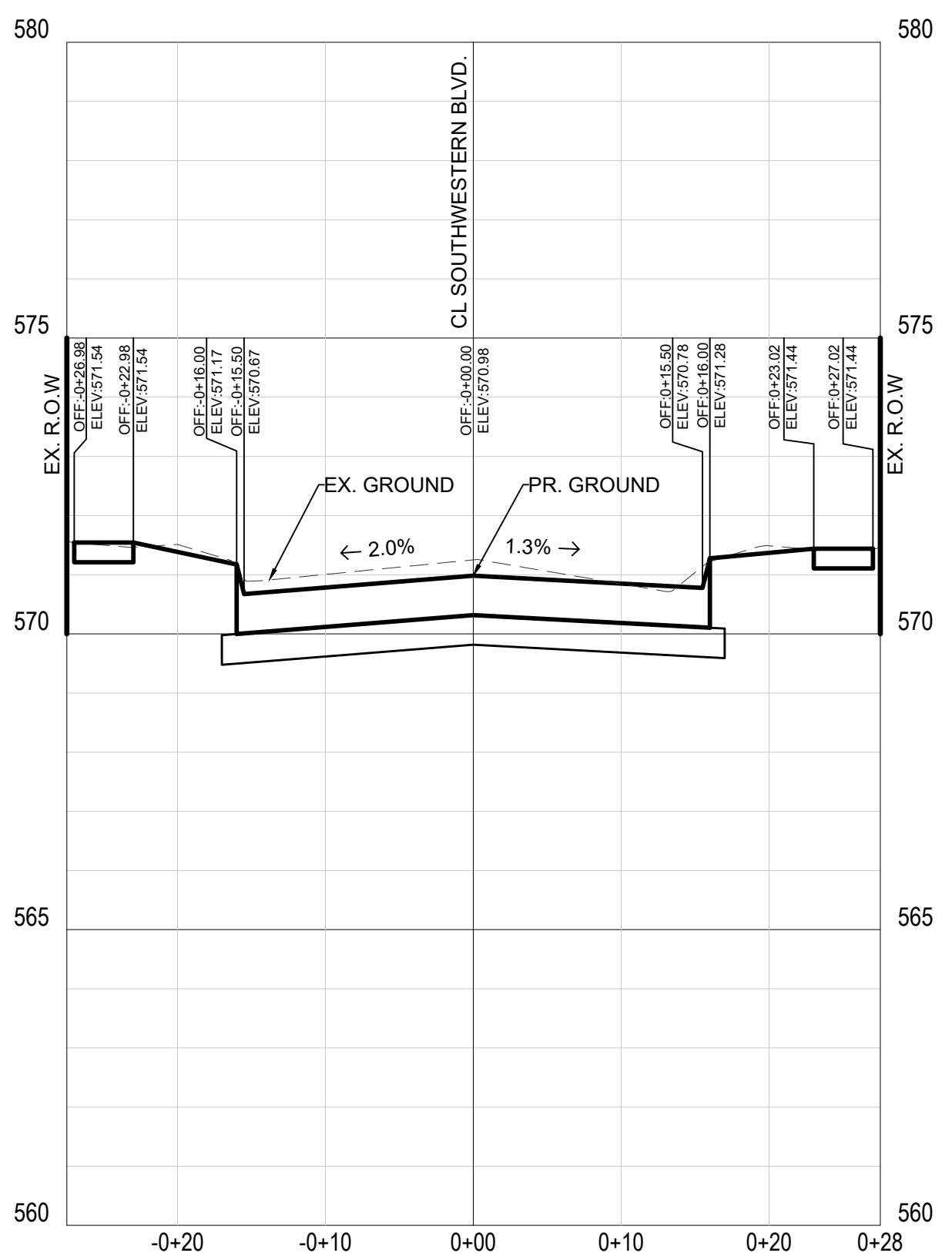
SOUTHWESTERN STA 2+00.00



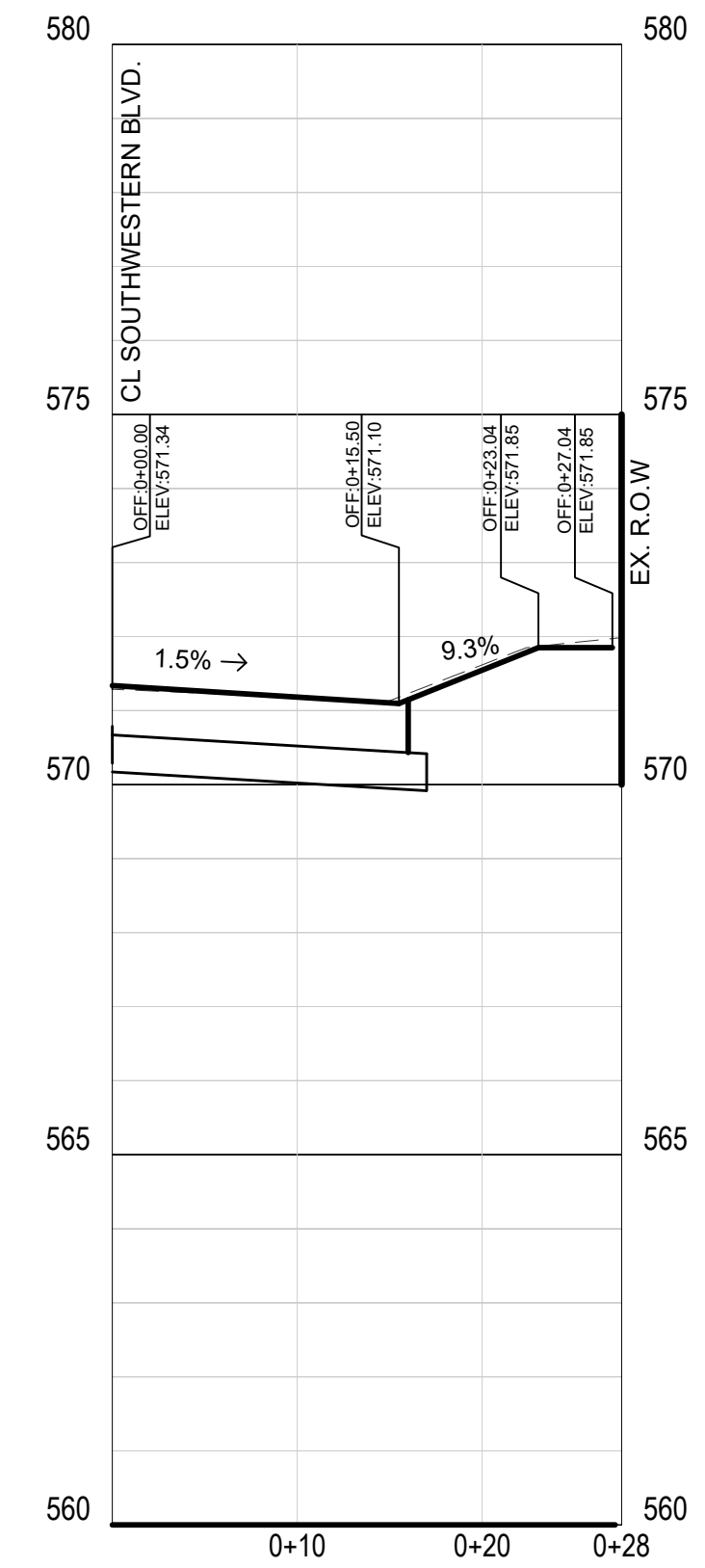
SOUTHWESTERN STA 2+50.00
CL DRIVEWAY RT



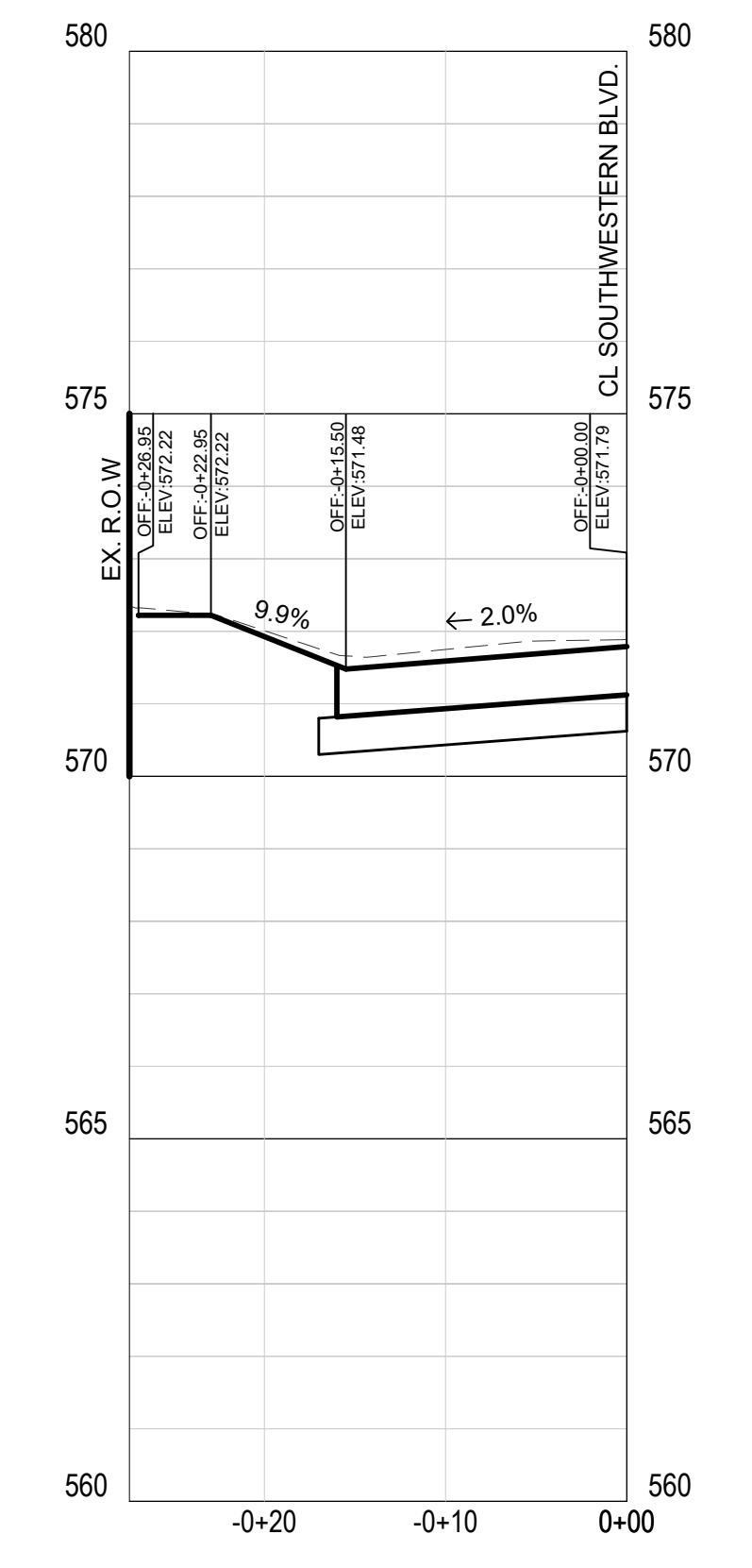
SOUTHWESTERN STA 2+75.00



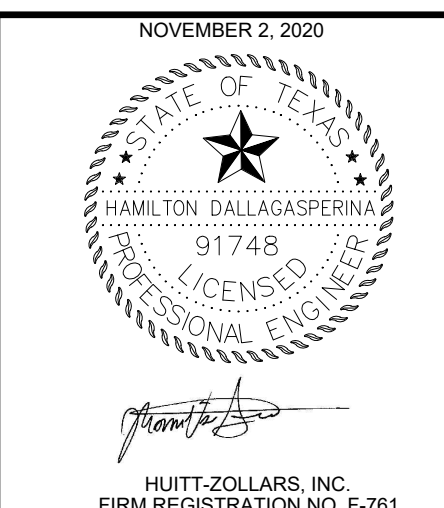
SOUTHWESTERN STA 2+25.00



SOUTHWESTERN STA 2+52.05
CL DRIVEWAY RT



SOUTHWESTERN STA 2+86.39
CL DRIVEWAY LT



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

SOUTHWESTERN BLVD.

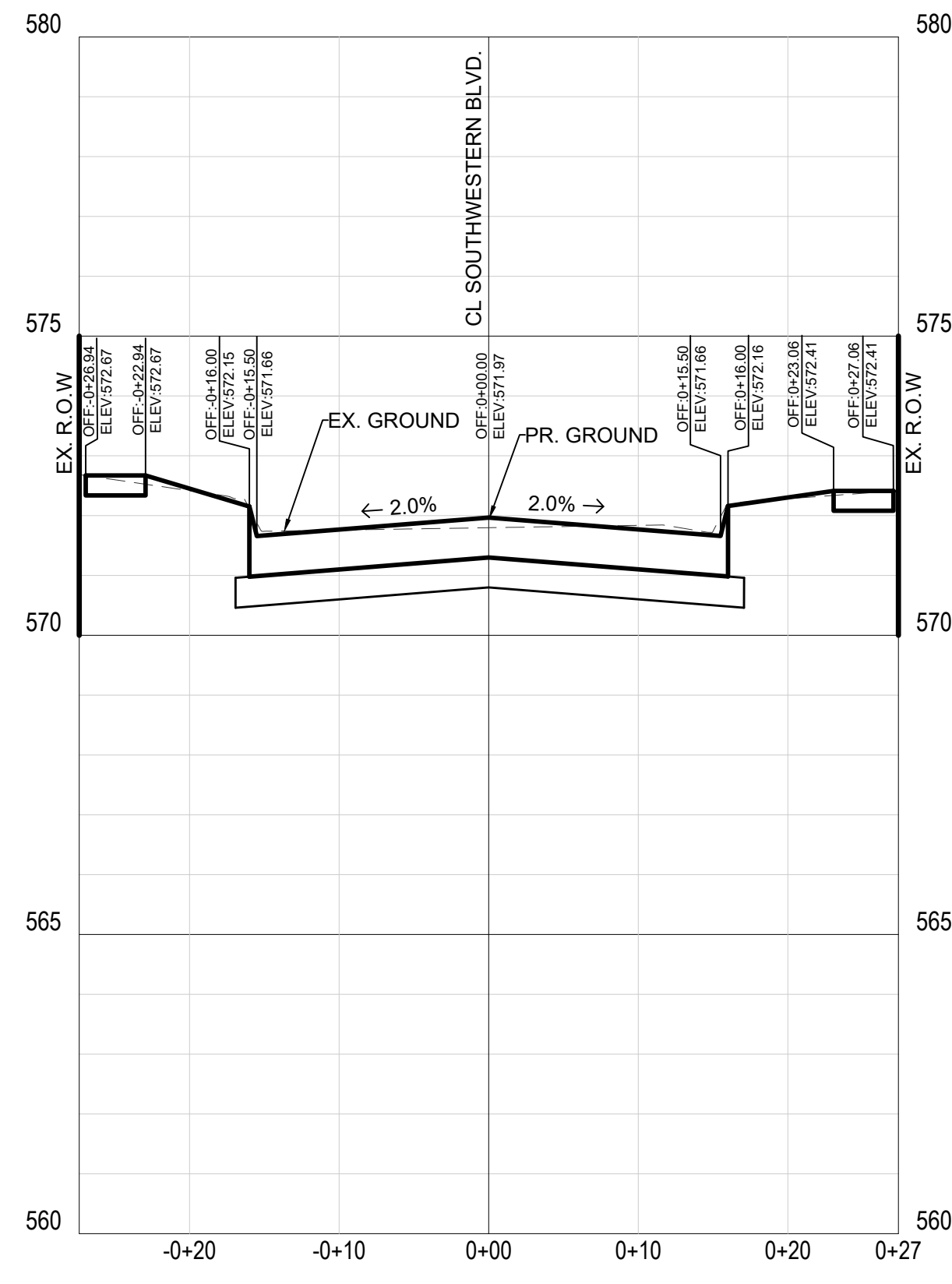
PAVING CROSS-SECTIONS

CITY OF UNIVERSITY PARK

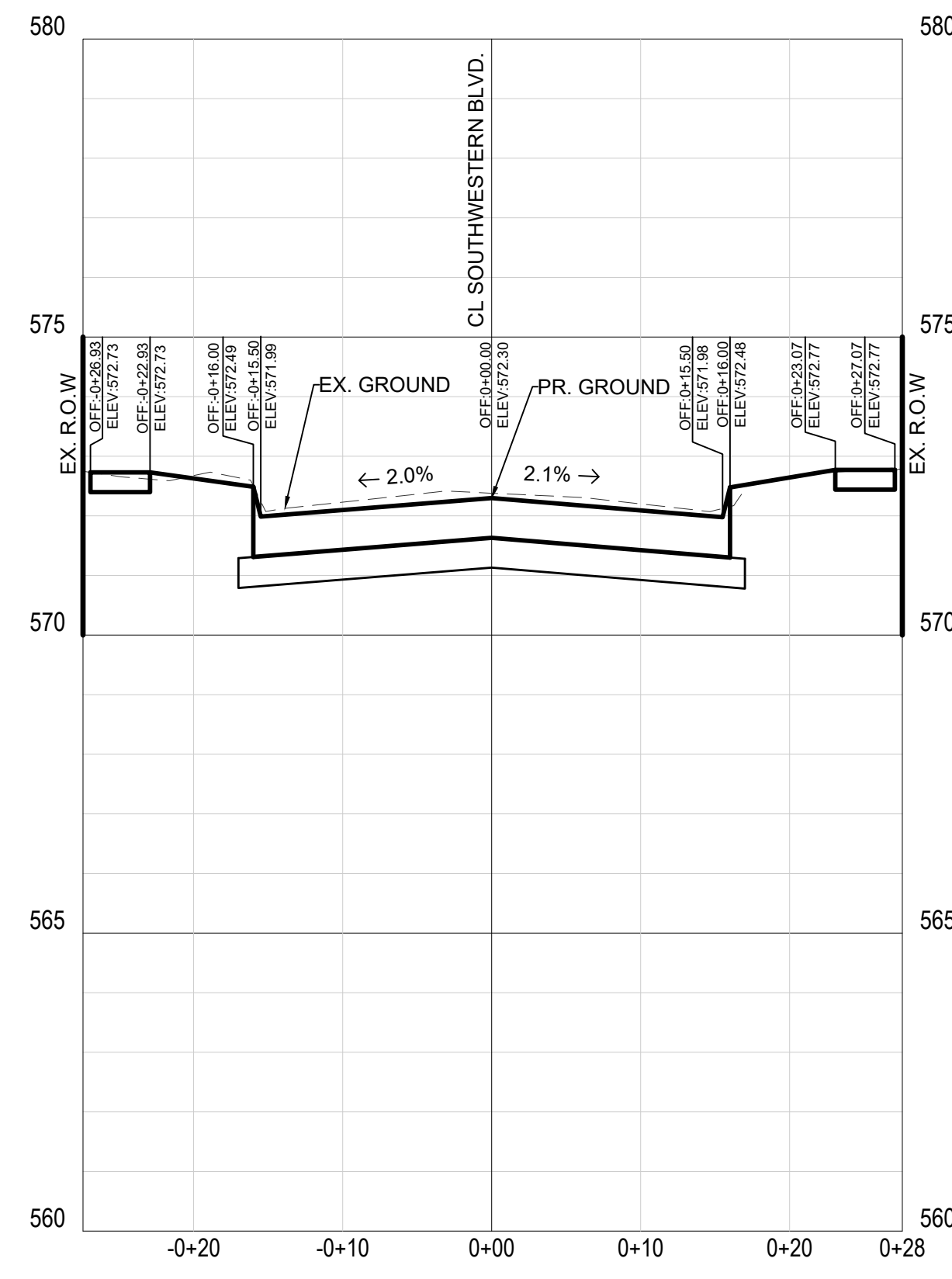
HUITT-ZOLLARS		Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757				
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	27

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

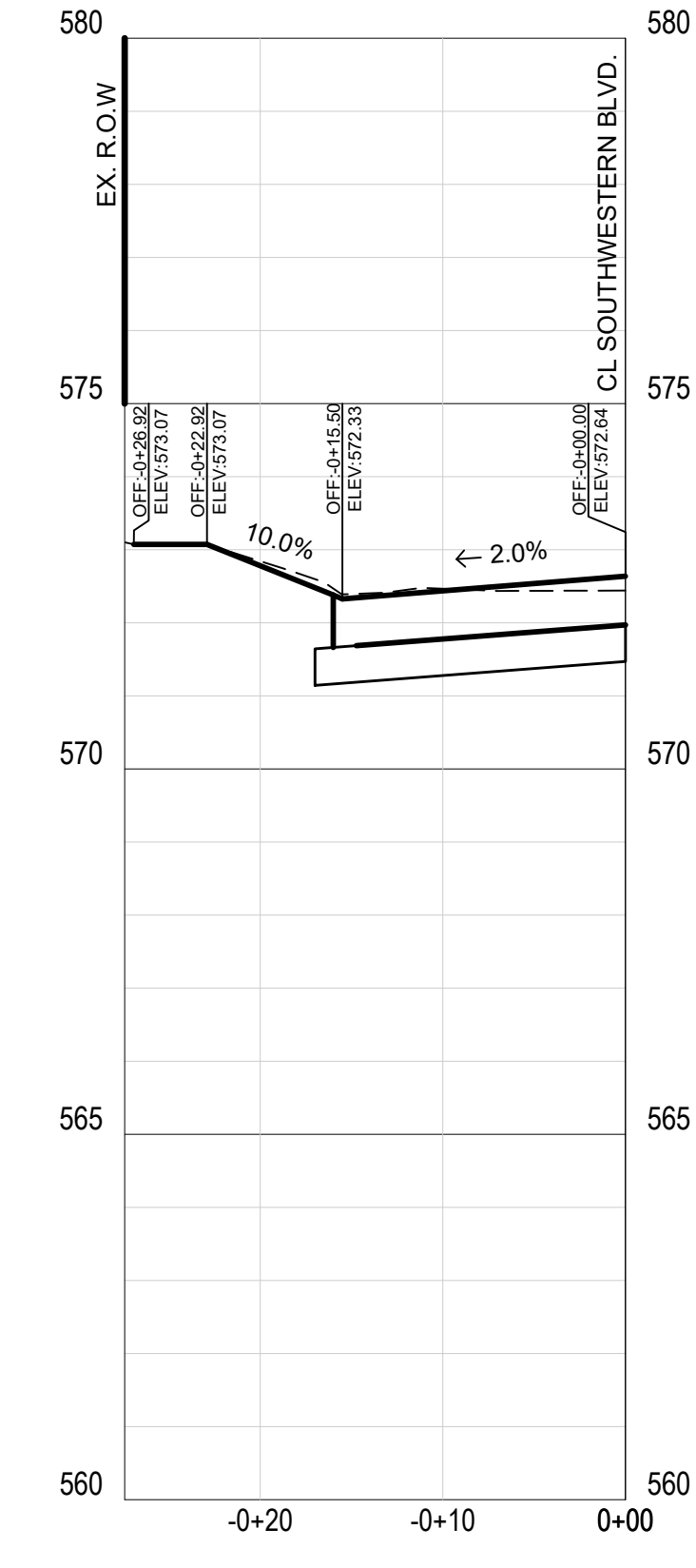
DWG: H:\proj\19308306\04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:28pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



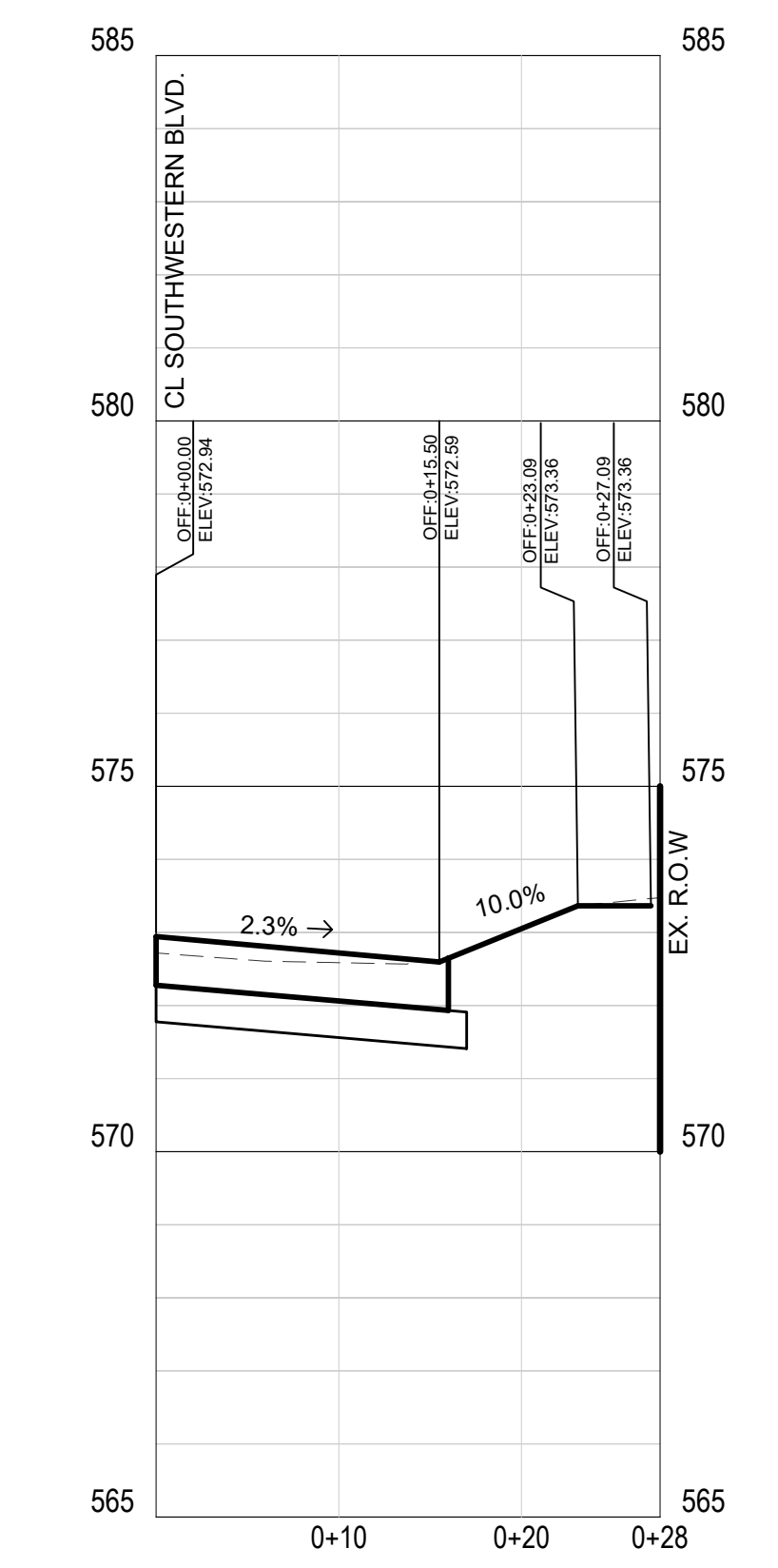
SOUTHWESTERN STA 3+00.00



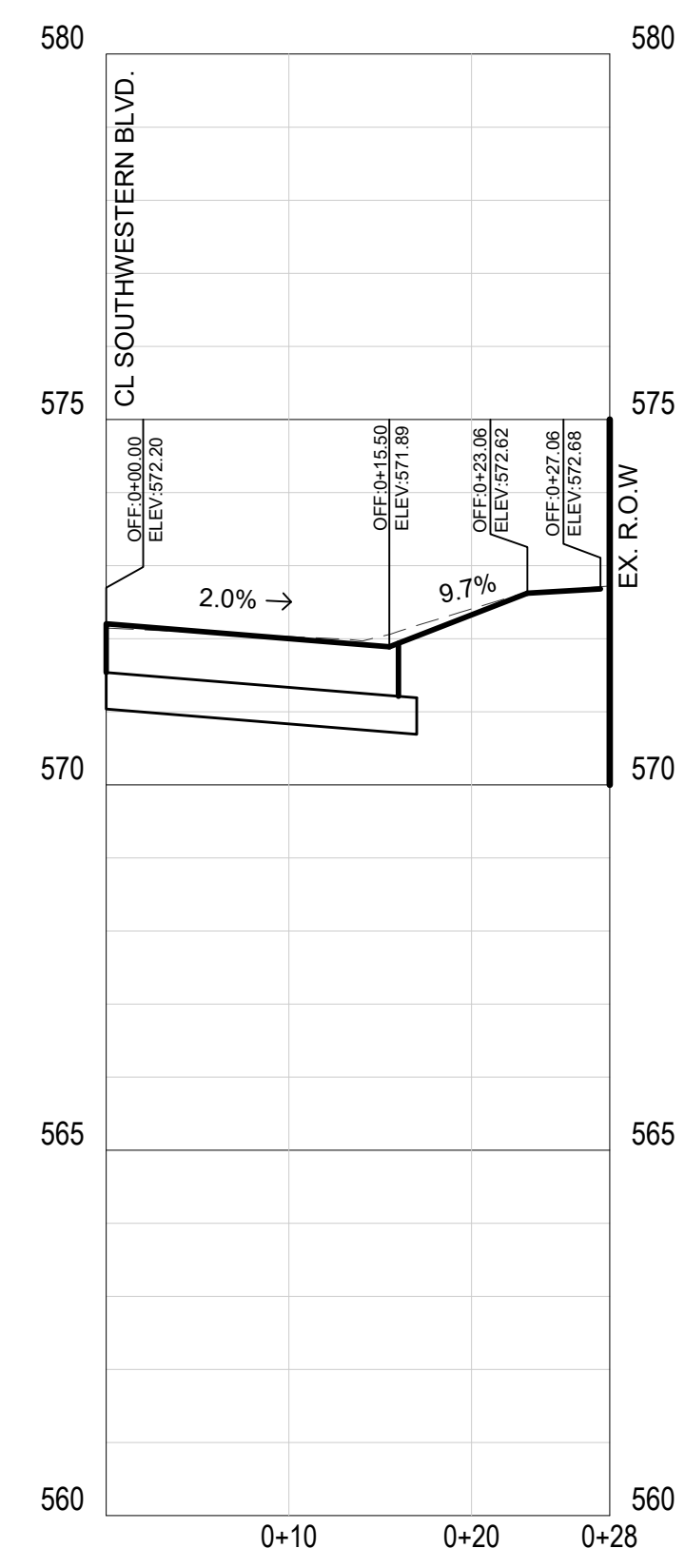
SOUTHWESTERN STA 3+25.00



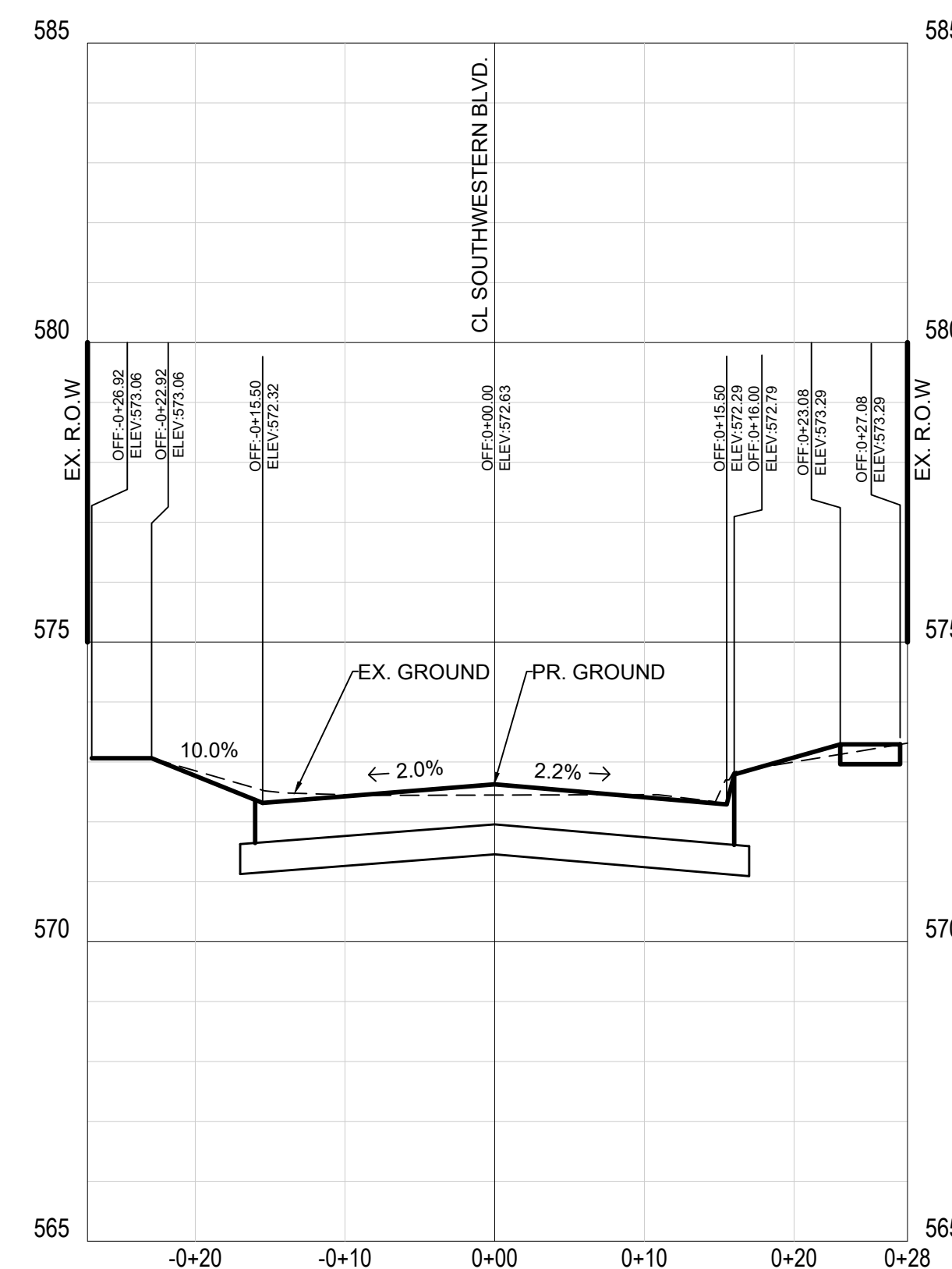
SOUTHWESTERN STA 3+50.88
CL DRIVEWAY LT



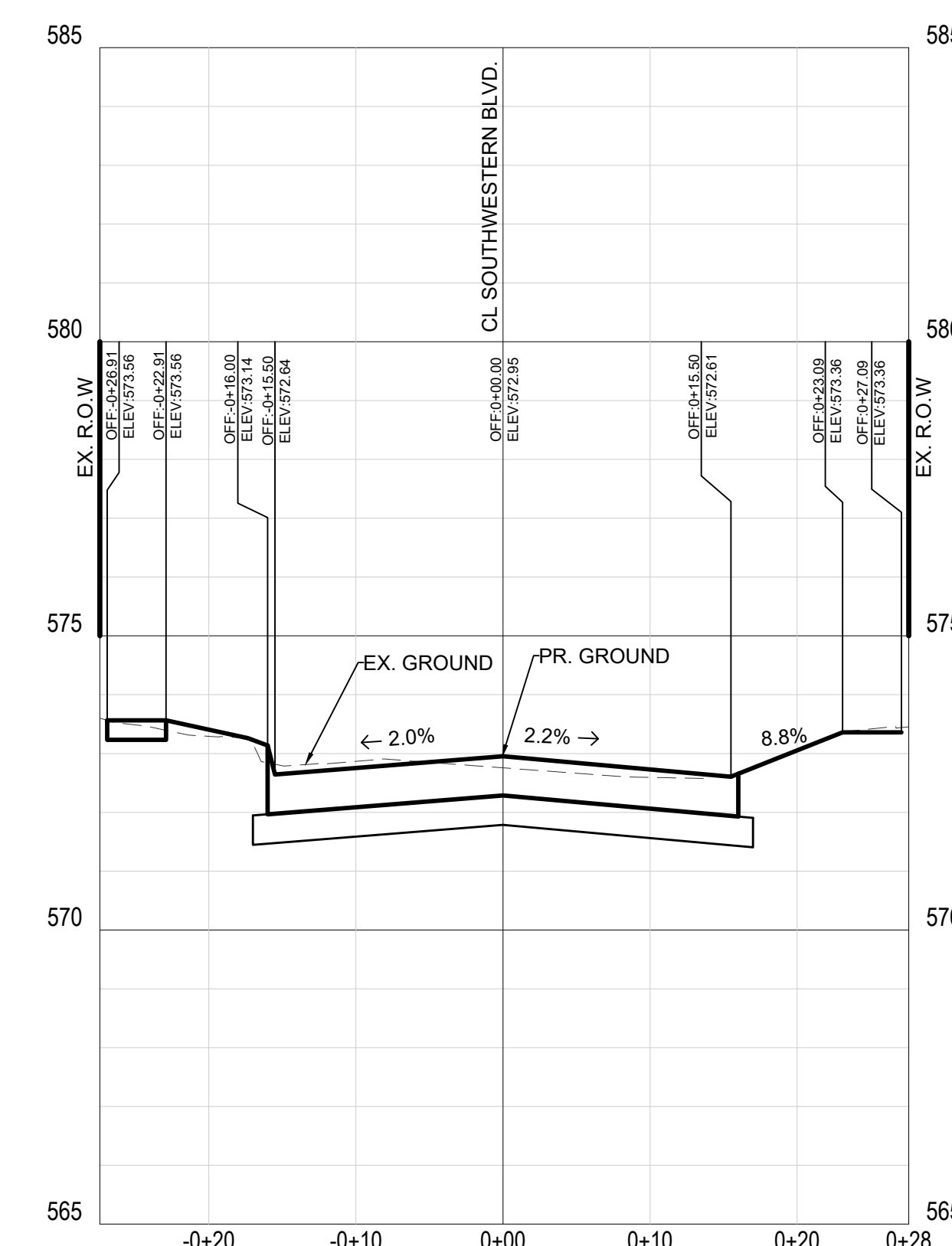
SOUTHWESTERN STA 3+74.15
CL DRIVEWAY RT



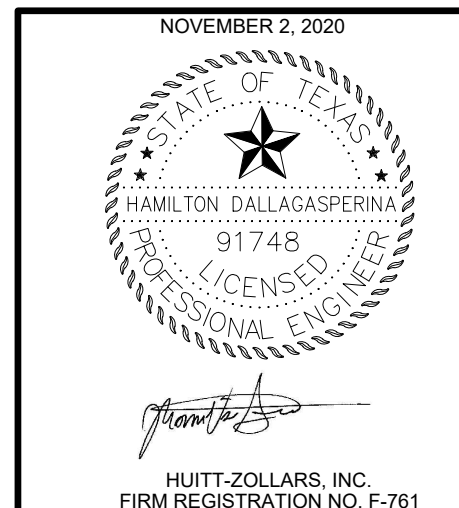
SOUTHWESTERN STA 3+17.98
CL DRIVEWAY RT



SOUTHWESTERN STA 3+50.00
CL DRIVEWAY LT



SOUTHWESTERN STA 3+75.00
CL DRIVEWAY RT

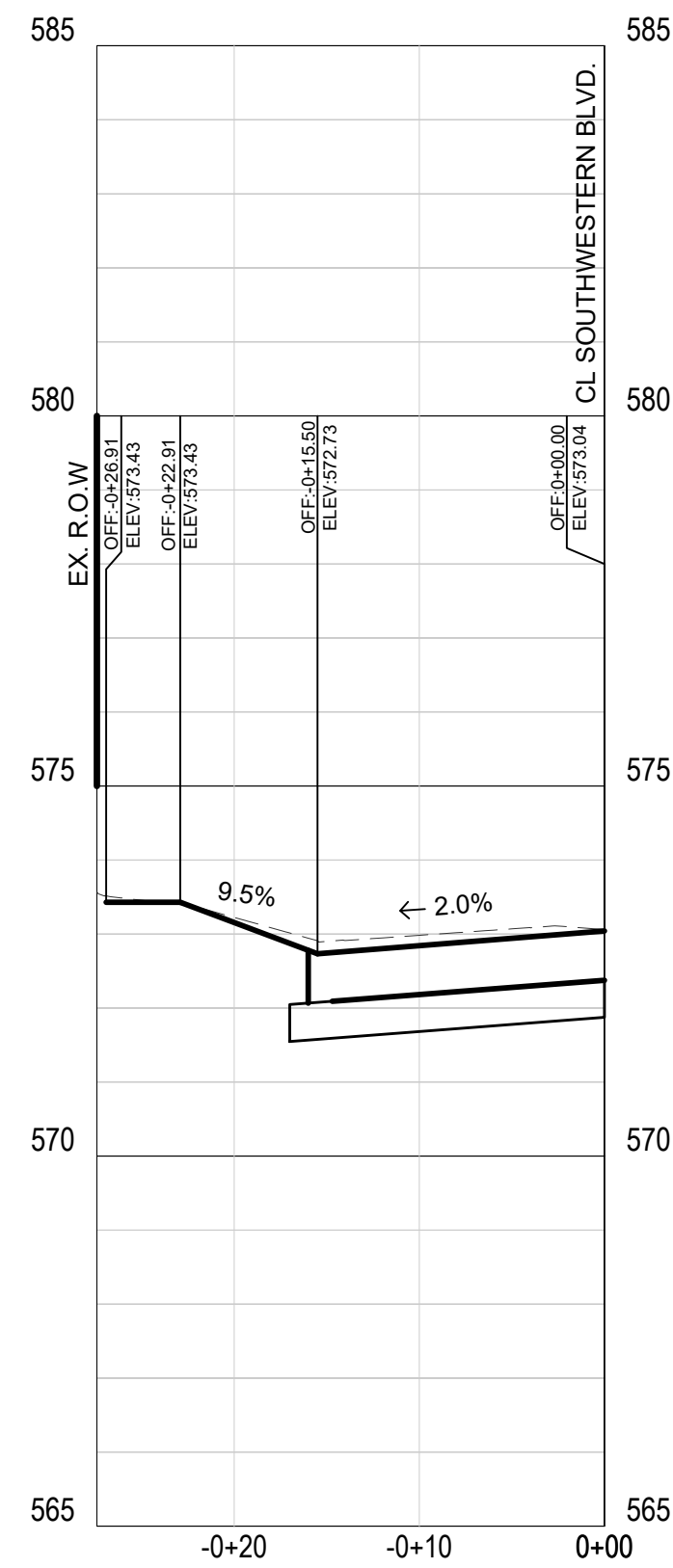


HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

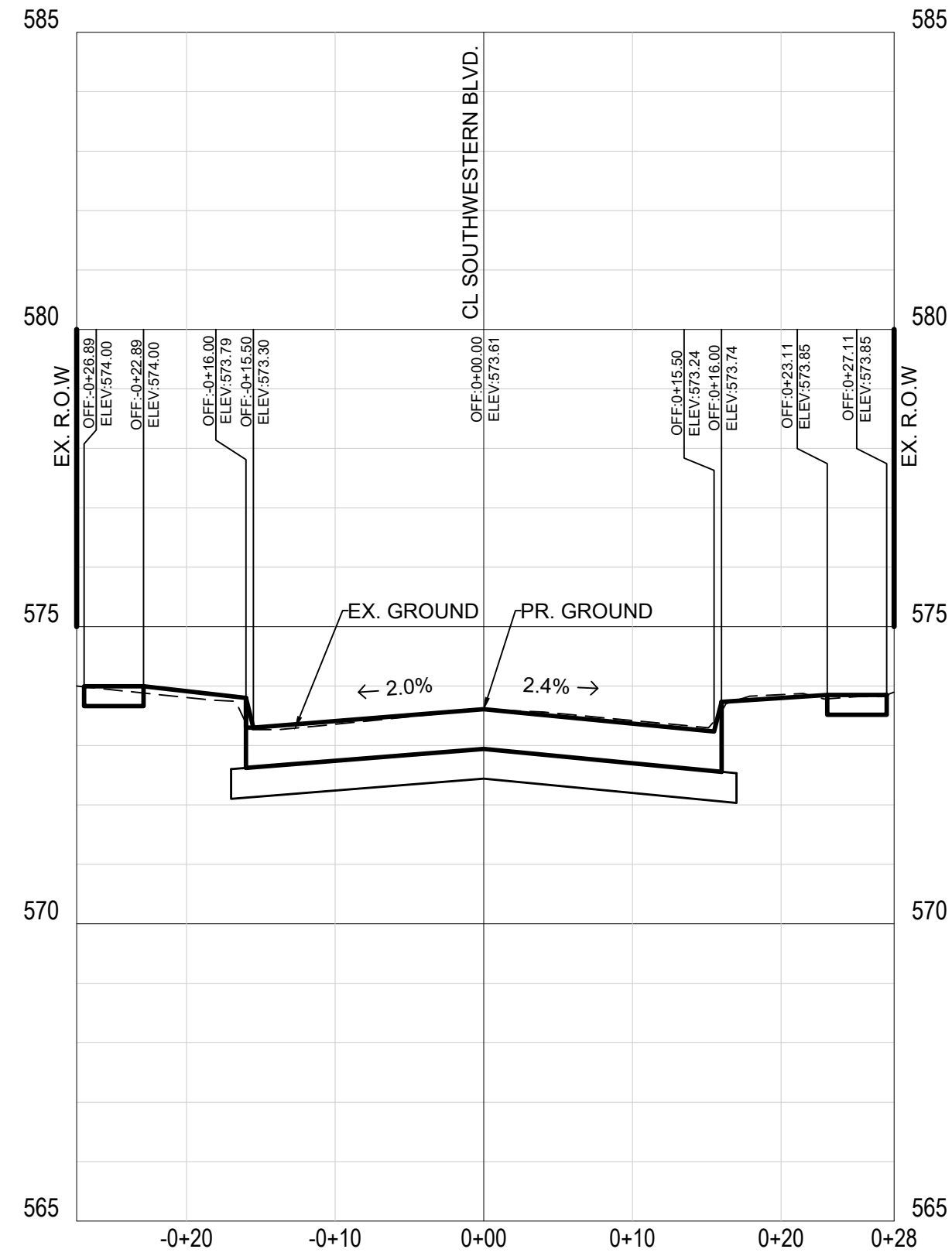
NO.	DATE	REVISIONS	APPROVED

SOUTHWESTERN BLVD.						
PAVING CROSS SECTIONS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	28

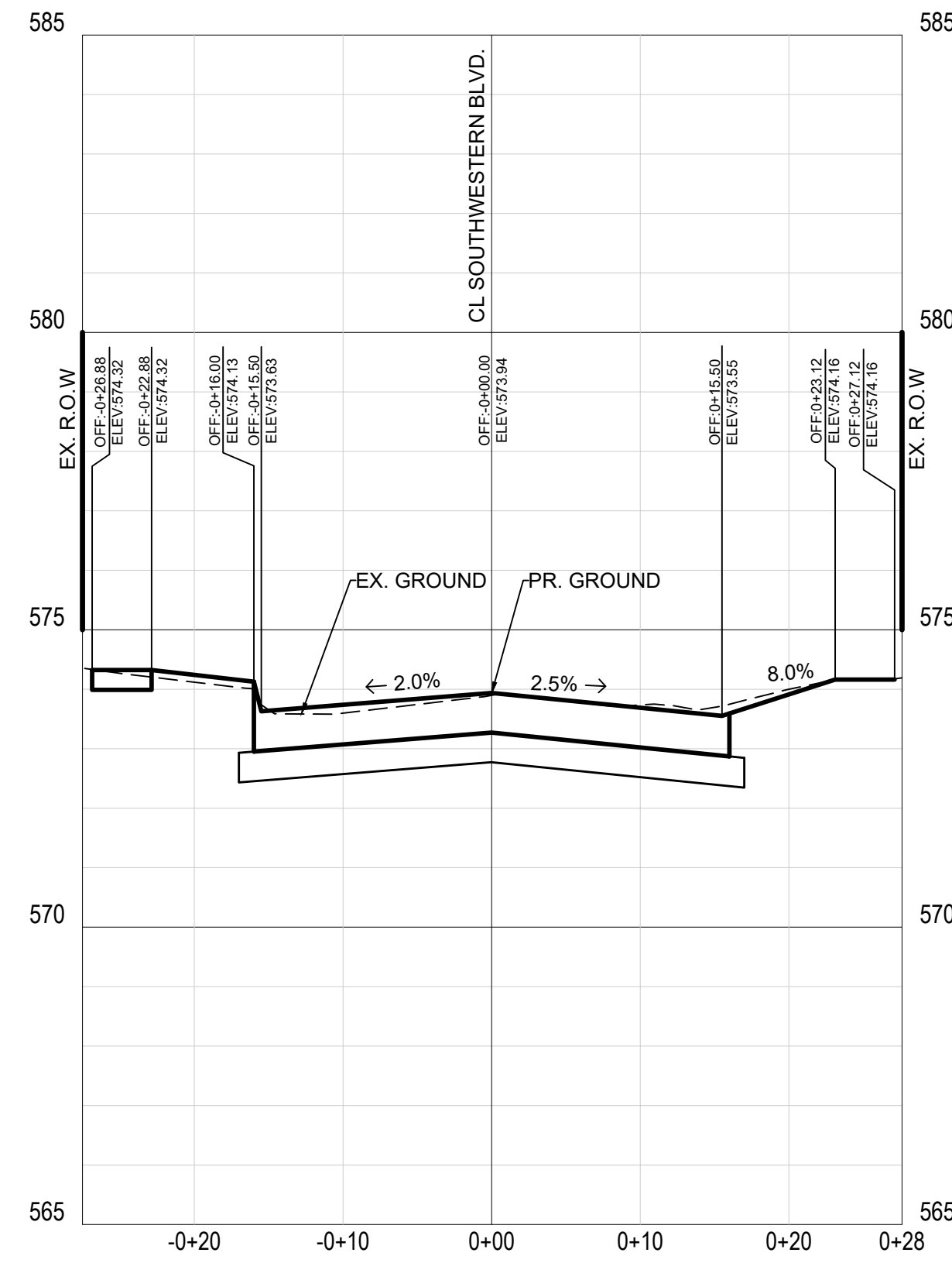
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT



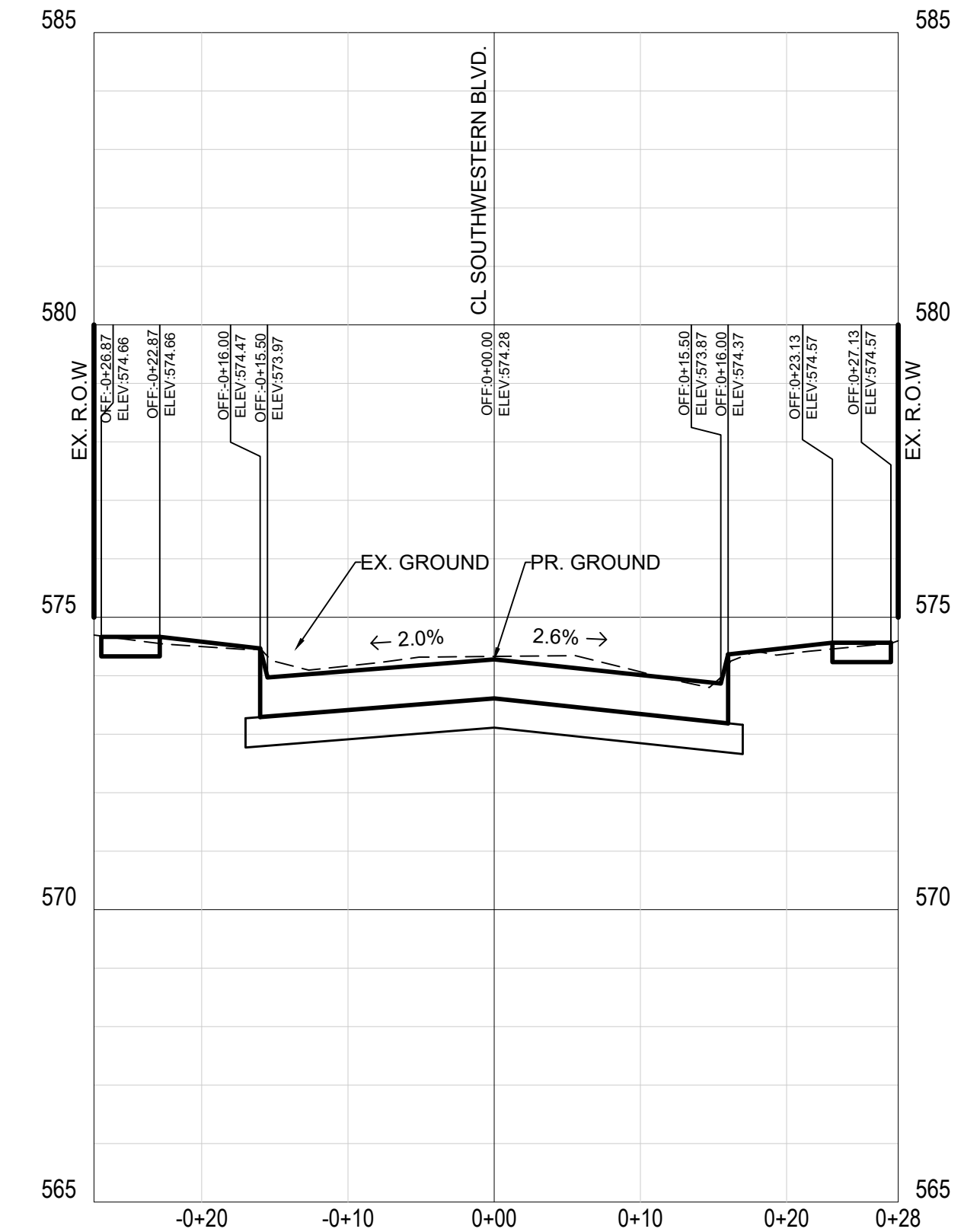
SOUTHWESTERN STA 3+81.70
CL DRIVEWAY LT



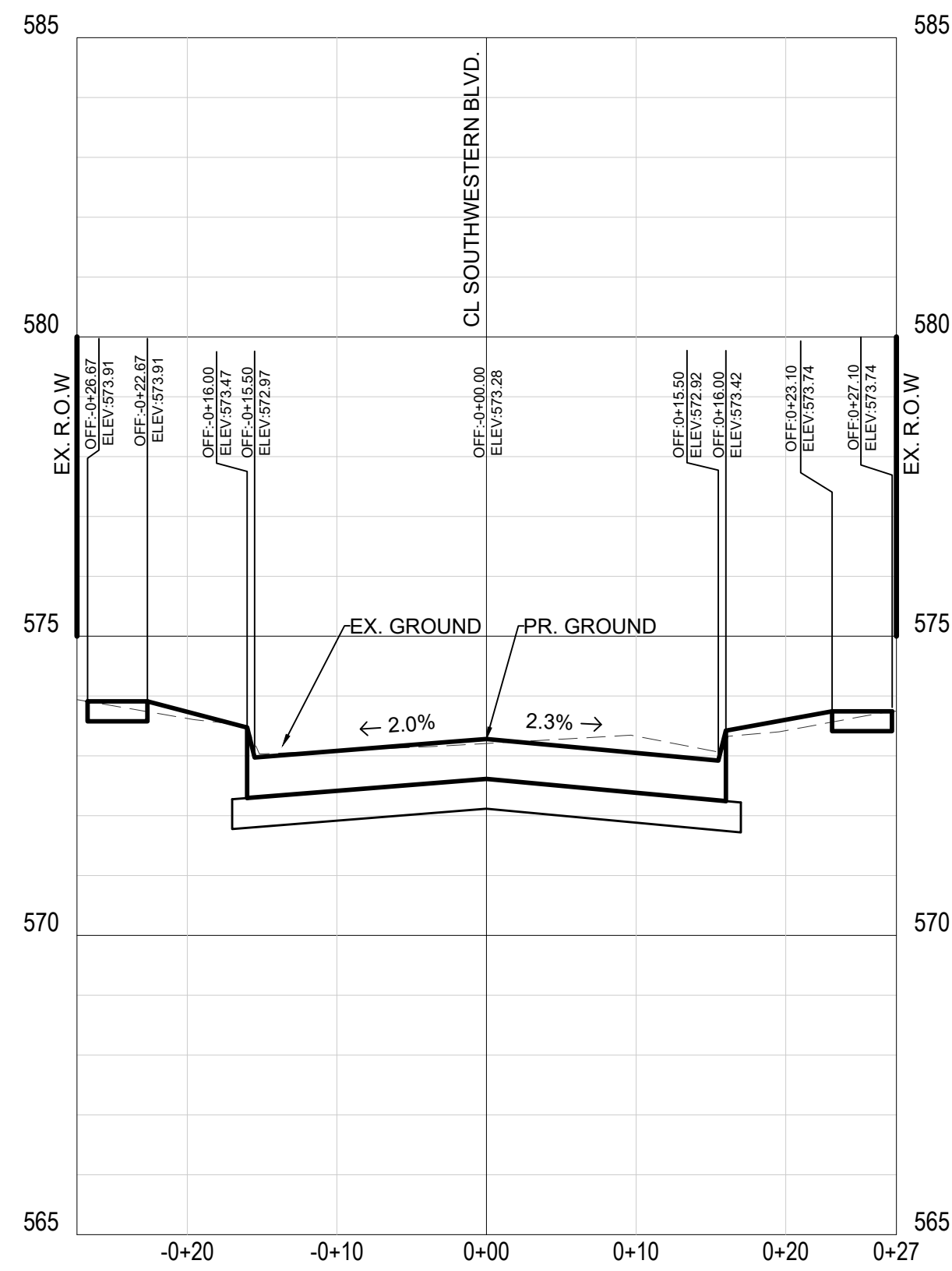
SOUTHWESTERN STA 4+25.00



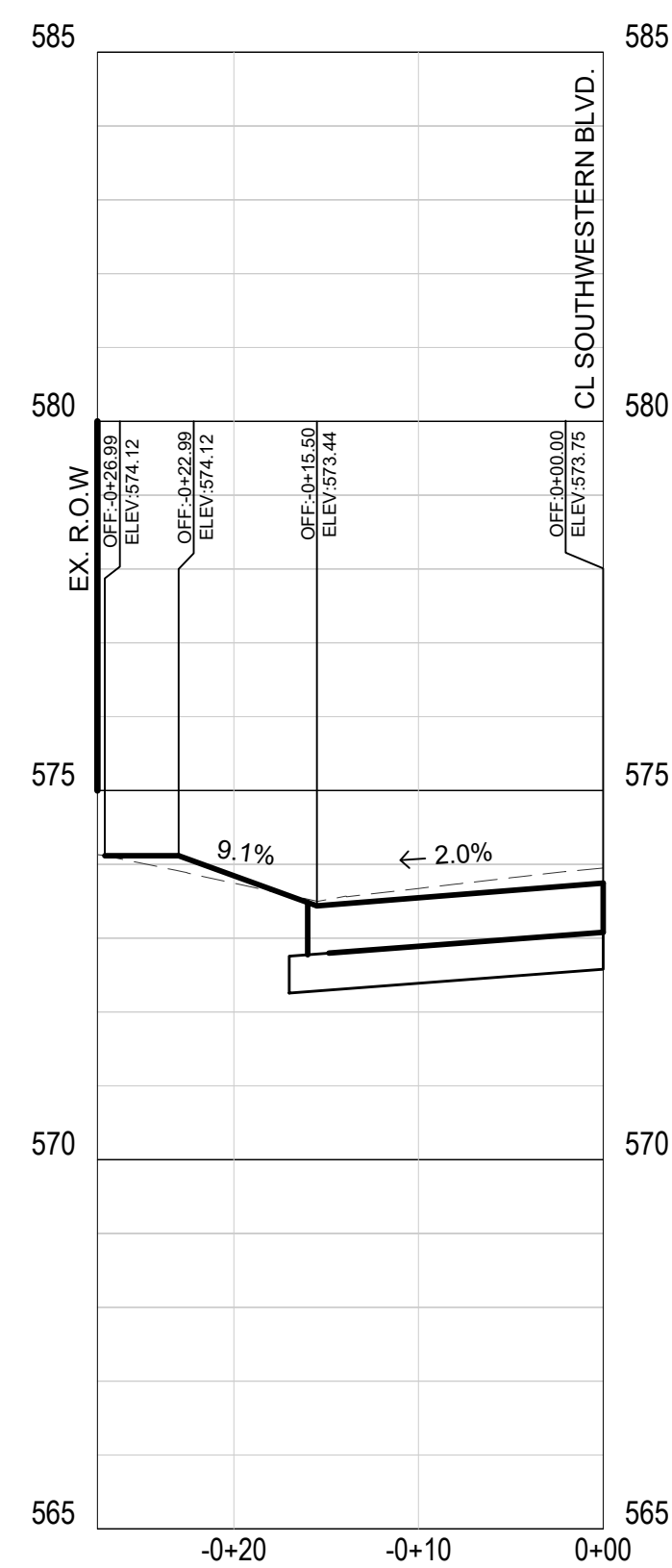
SOUTHWESTERN STA 4+50.00
CL DRIVEWAY RT



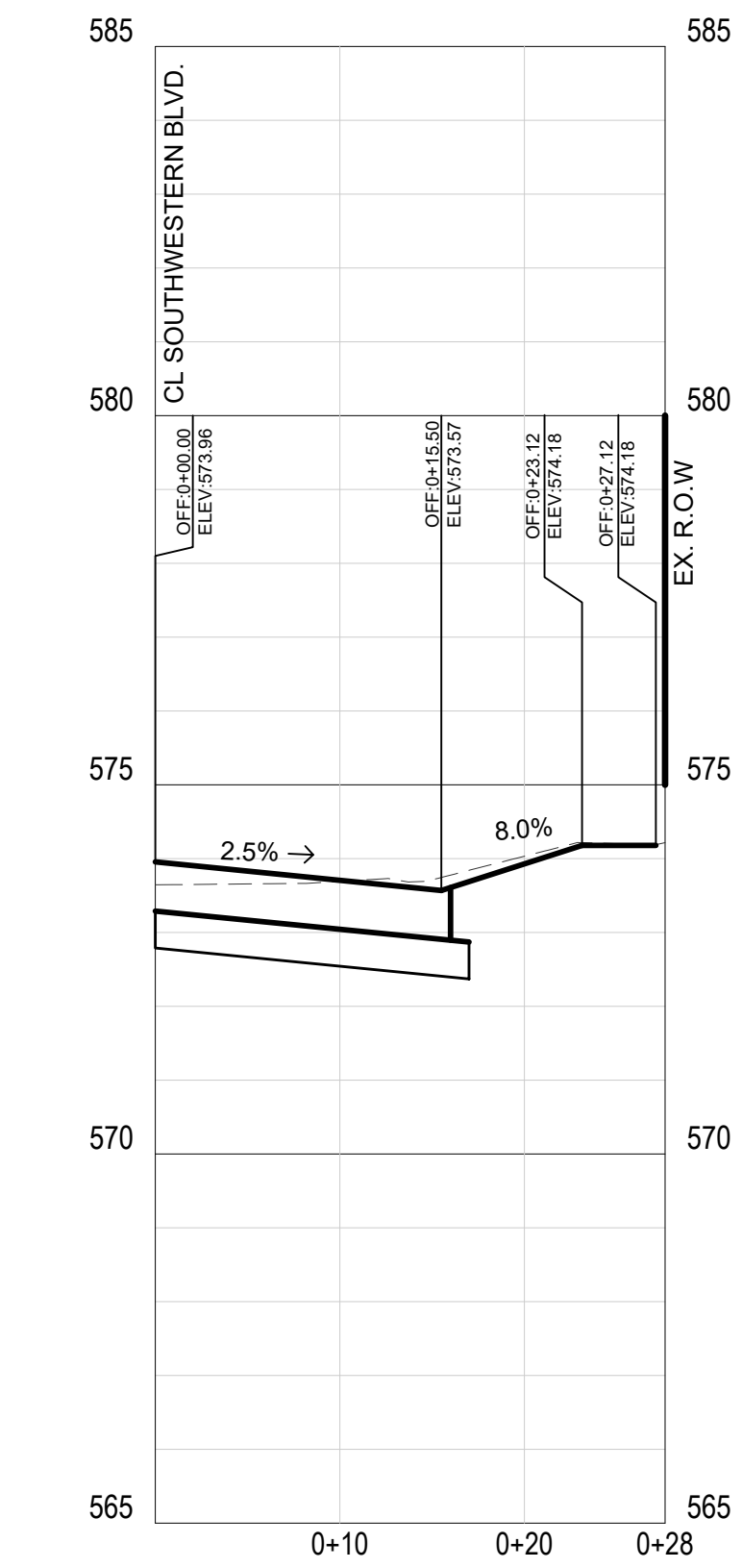
SOUTHWESTERN STA 4+75.00



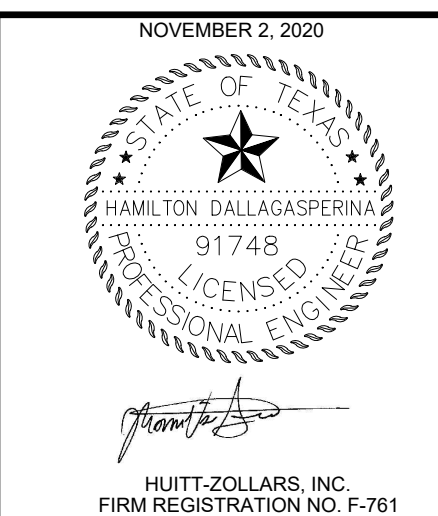
SOUTHWESTERN STA 4+00.00



SOUTHWESTERN STA 4+35.34
CL DRIVEWAY LT



SOUTHWESTERN STA 4+51.31
CL DRIVEWAY RT



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

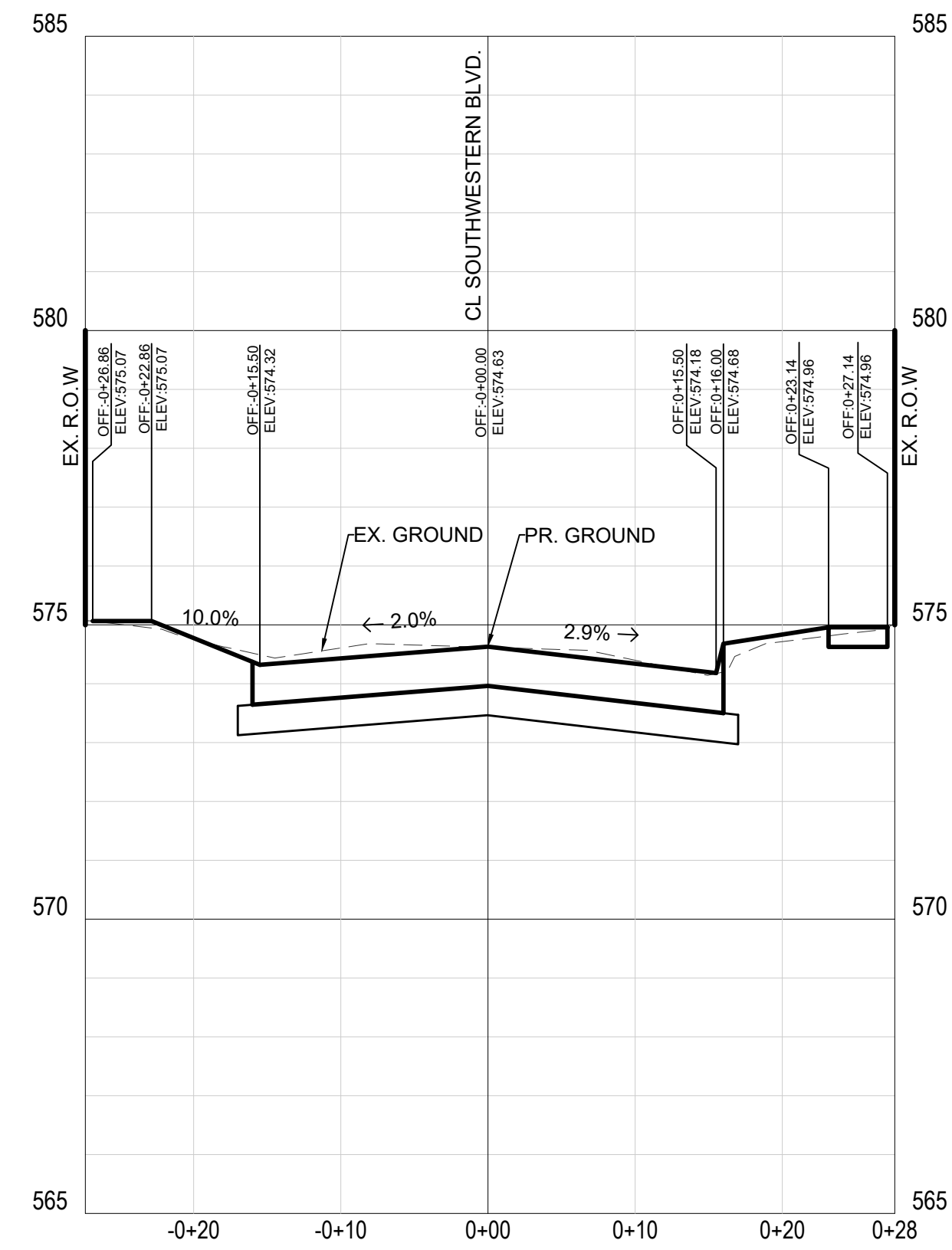
SOUTHWESTERN BLVD.

PAVING CROSS-SECTIONS

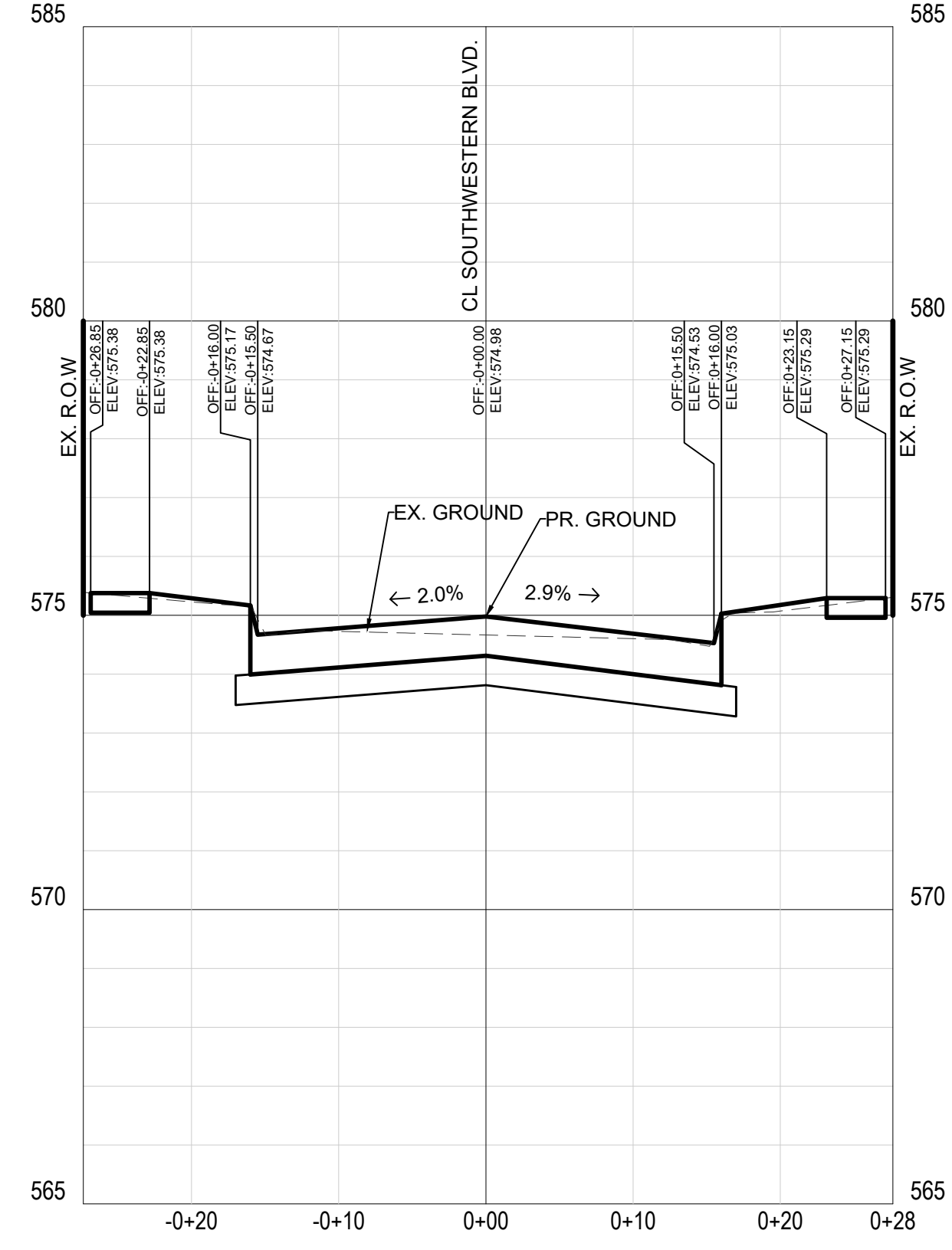
CITY OF UNIVERSITY PARK

HUITT-ZOLLARS		Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757				
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	29

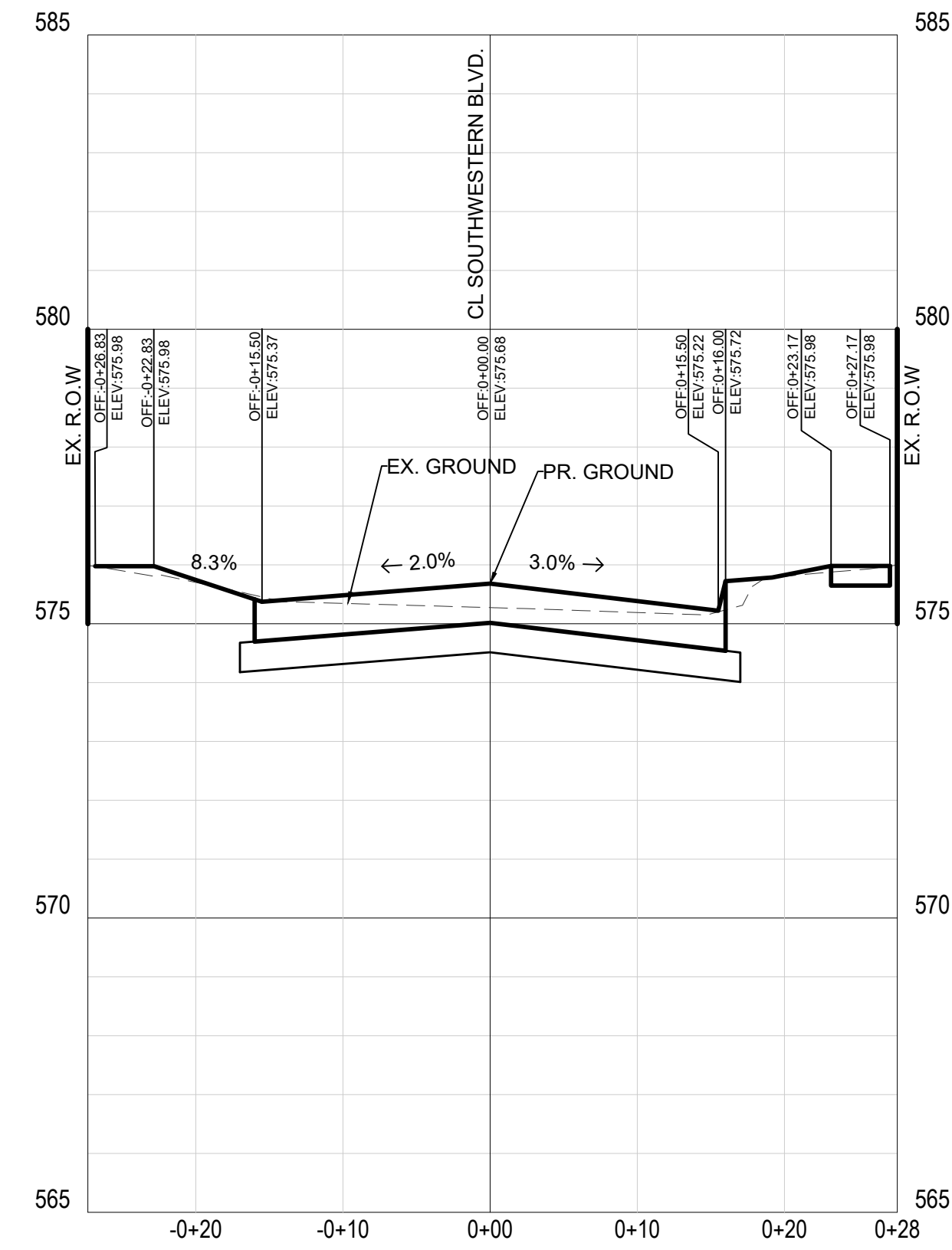
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:29pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



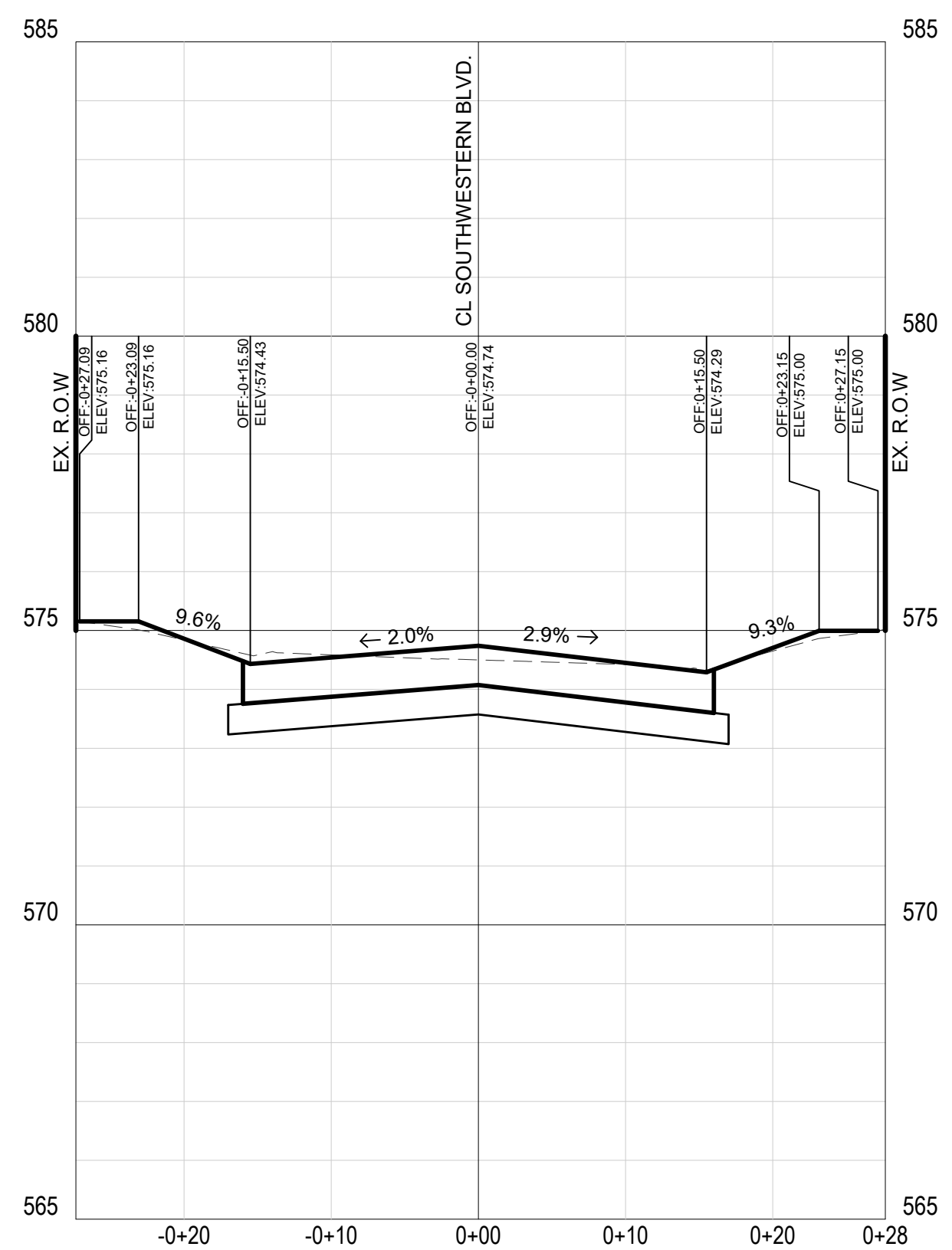
SOUTHWESTERN STA 5+00.00
CL DRIVEWAY LT



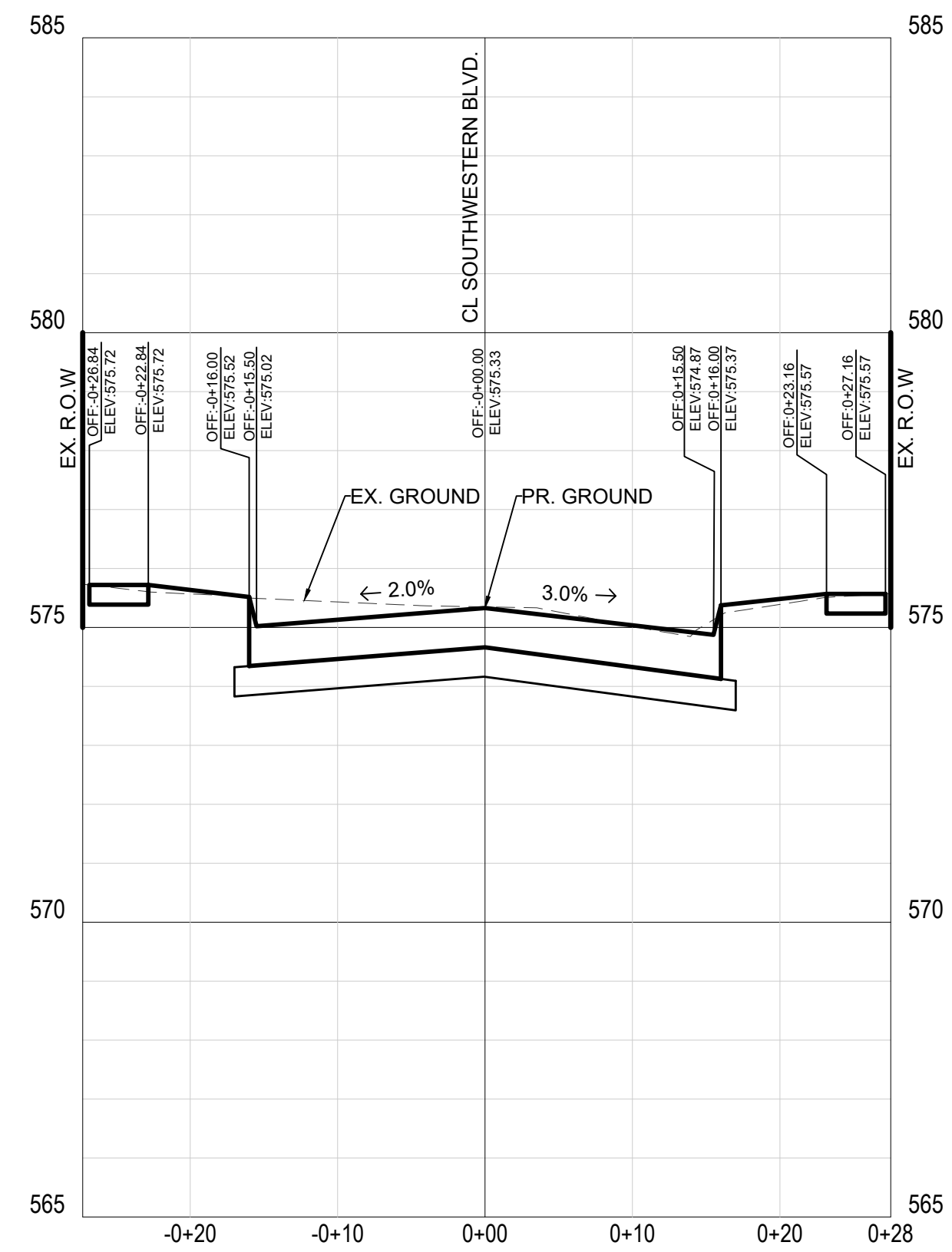
SOUTHWESTERN STA 5+25.00



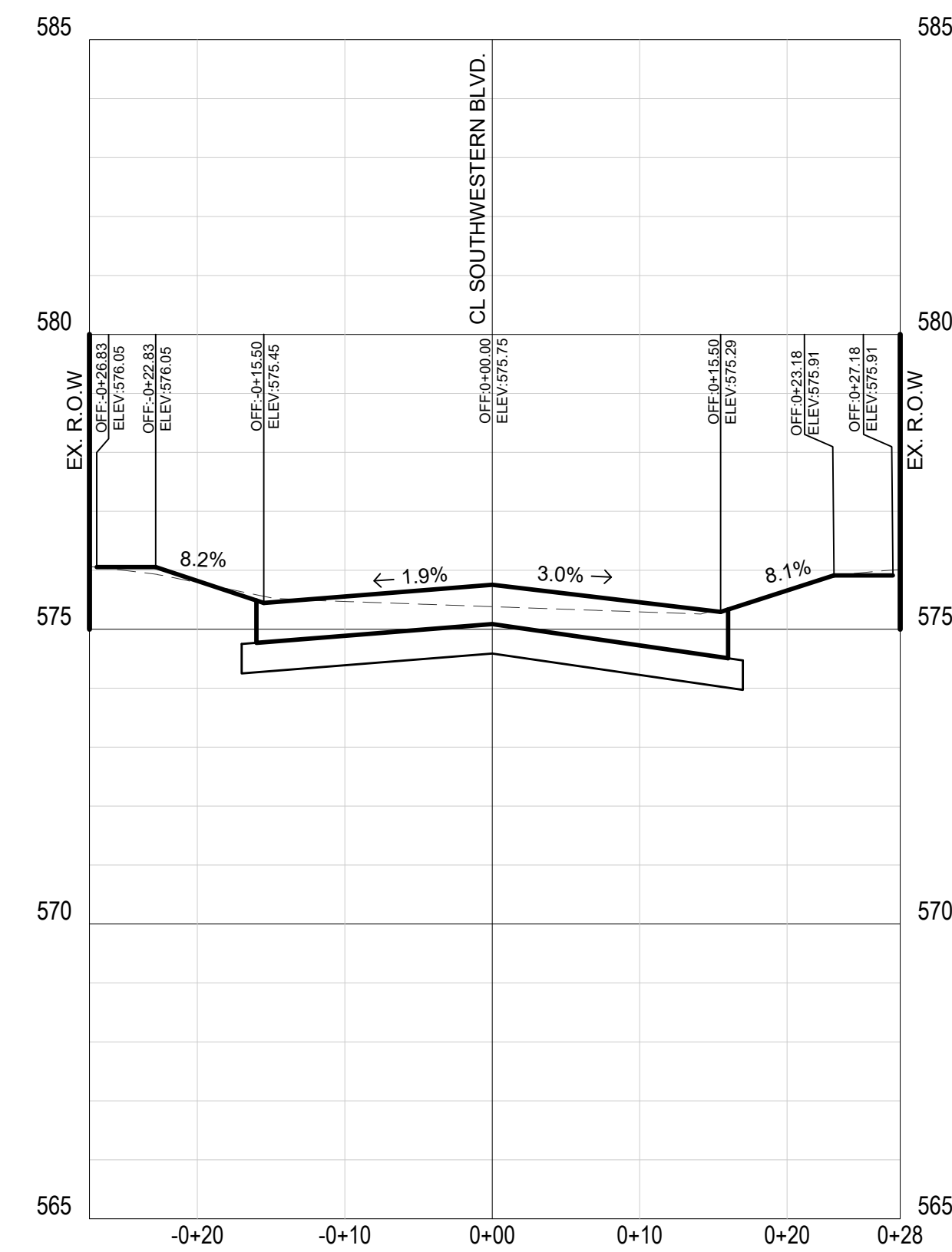
SOUTHWESTERN STA 5+75.00
CL DRIVEWAY LT



SOUTHWESTERN STA 5+07.88
CL DRIVEWAY RT & LT



SOUTHWESTERN STA 5+50.00



SOUTHWESTERN STA 5+80.25
CL DRIVEWAY RT & LT



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

SOUTHWESTERN BLVD.

PAVING CROSS-SECTIONS

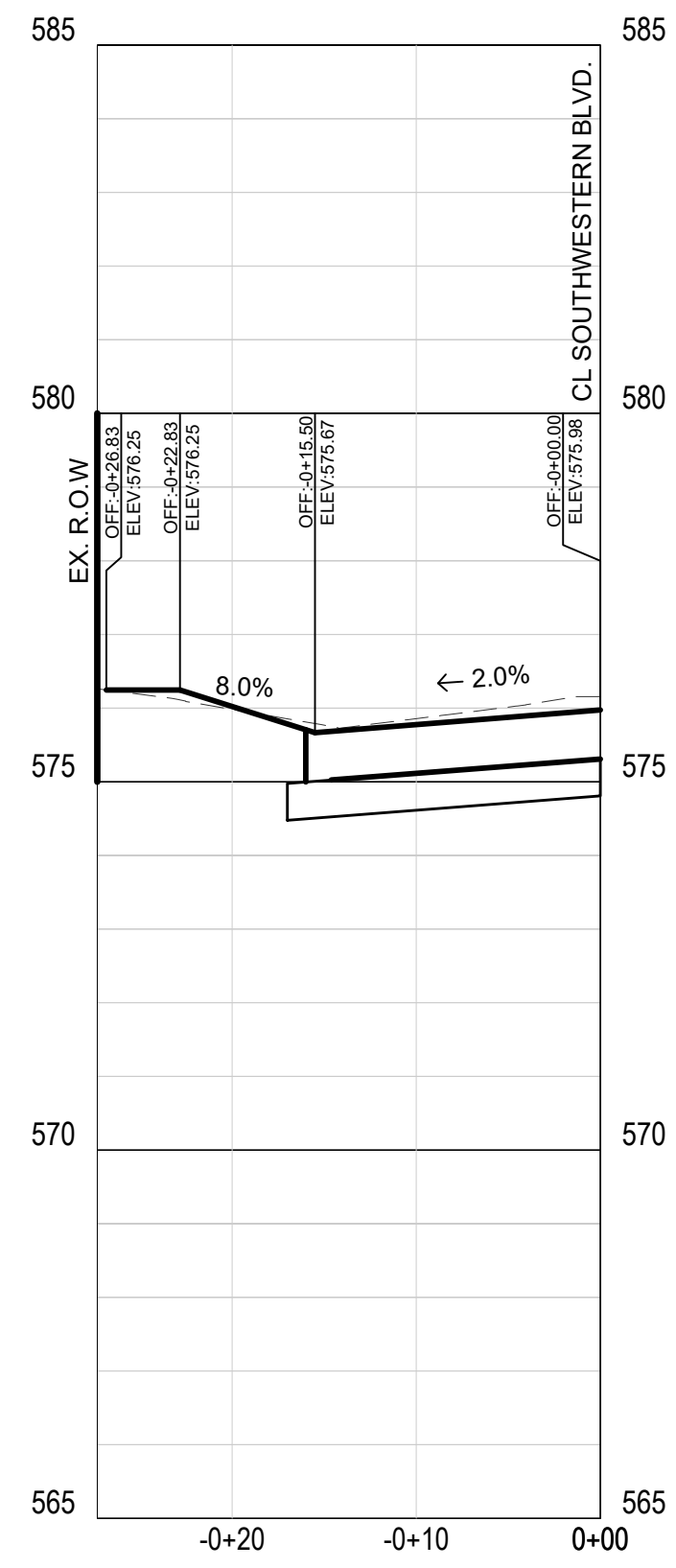
CITY OF UNIVERSITY PARK

HUITT-ZOLLARS
 Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

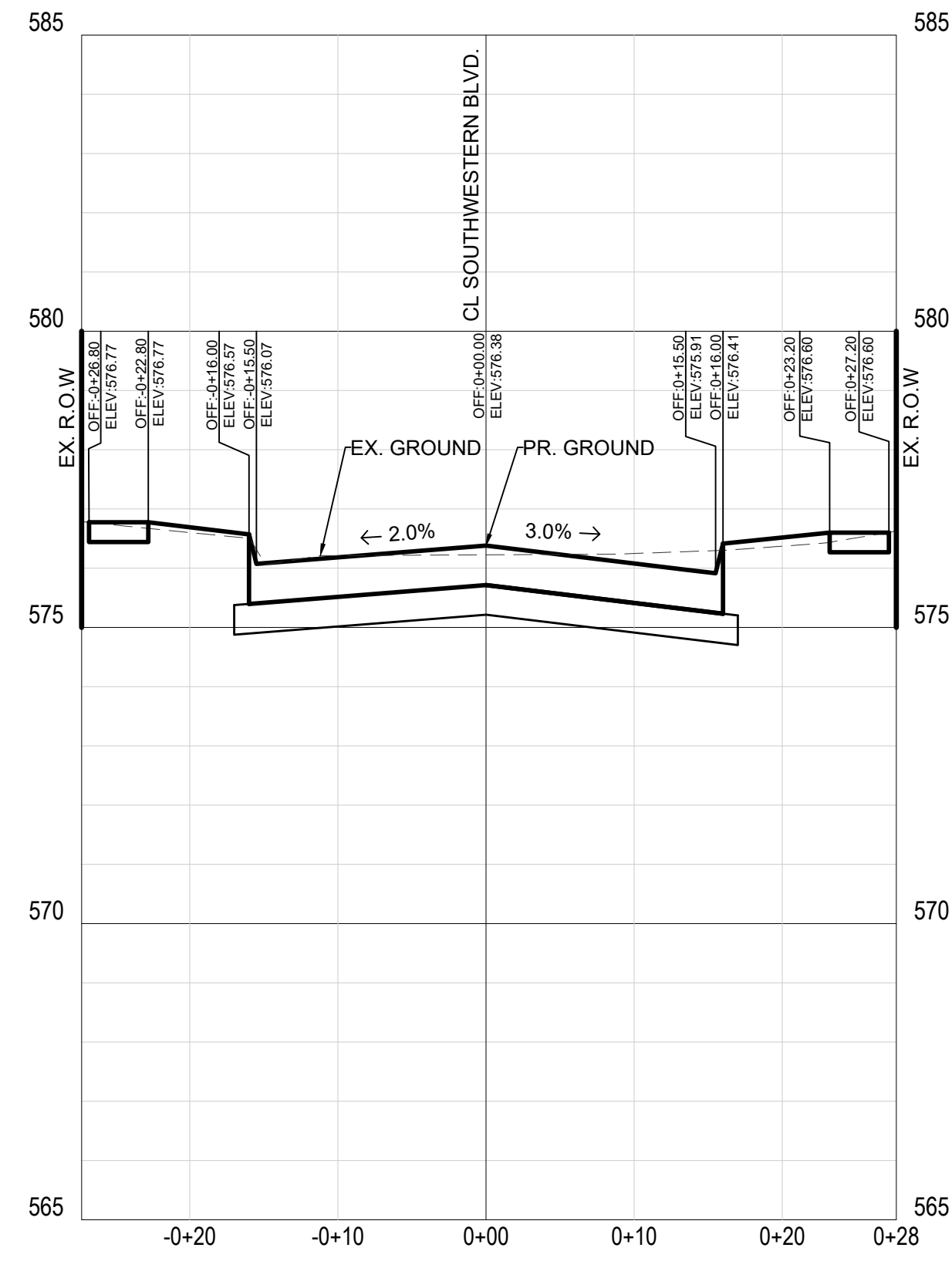
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	30

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

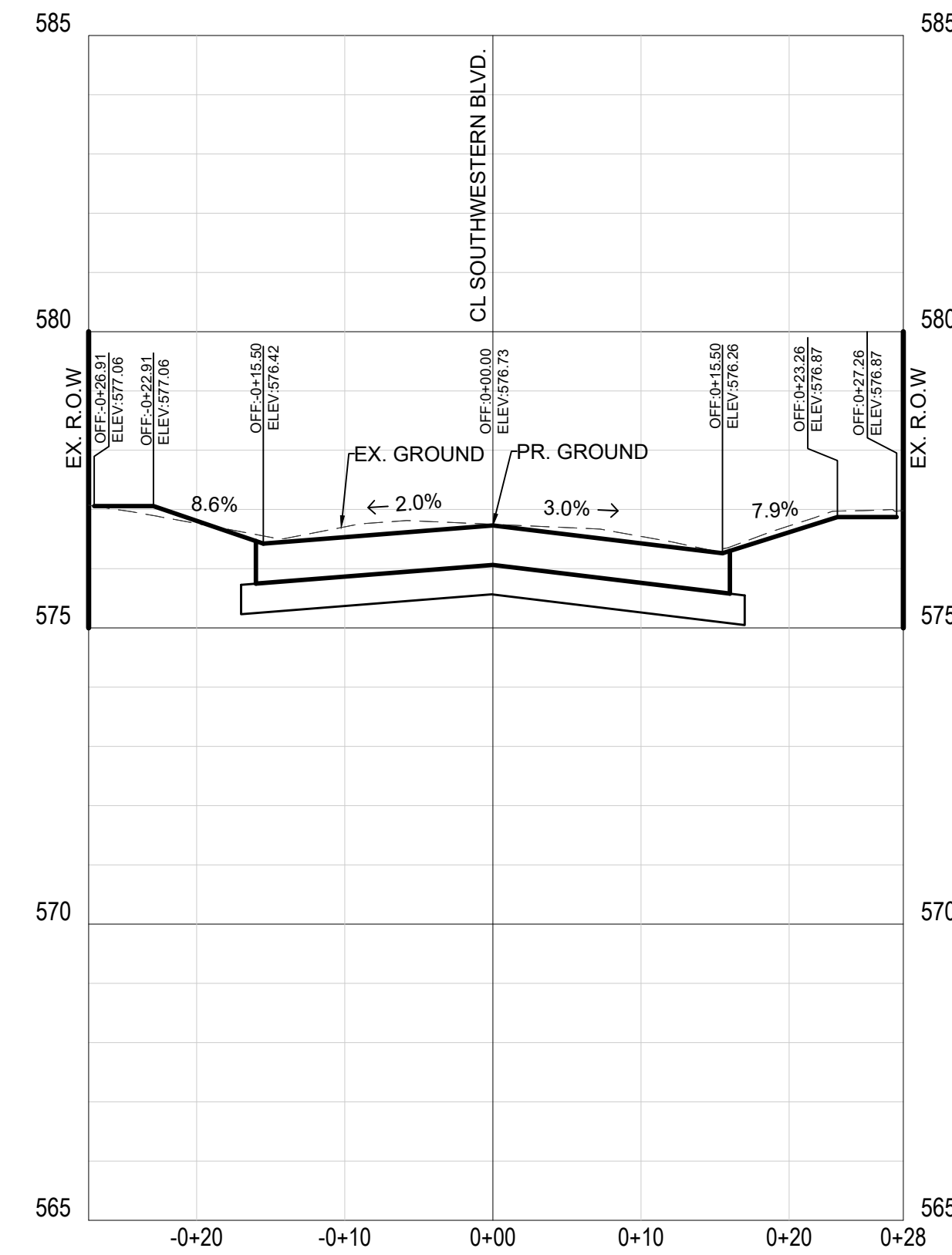
DWG: H:\proj\19308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\10 SHEETS\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:30pm XREFS: Border_22 X 34 Base Cross Section - Copy USER: aramirez



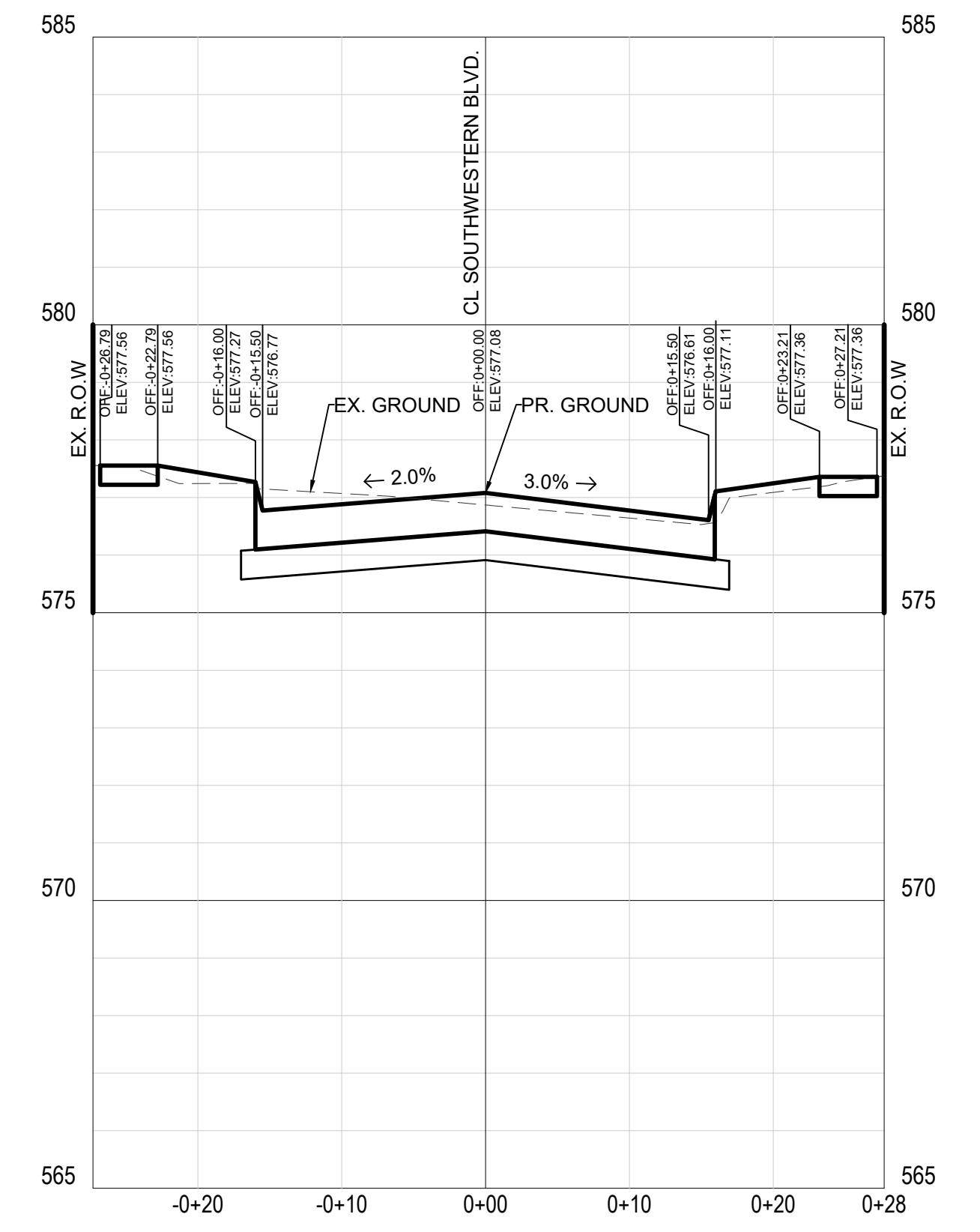
SOUTHWESTERN STA 5+96.03
CL DRIVEWAY LT



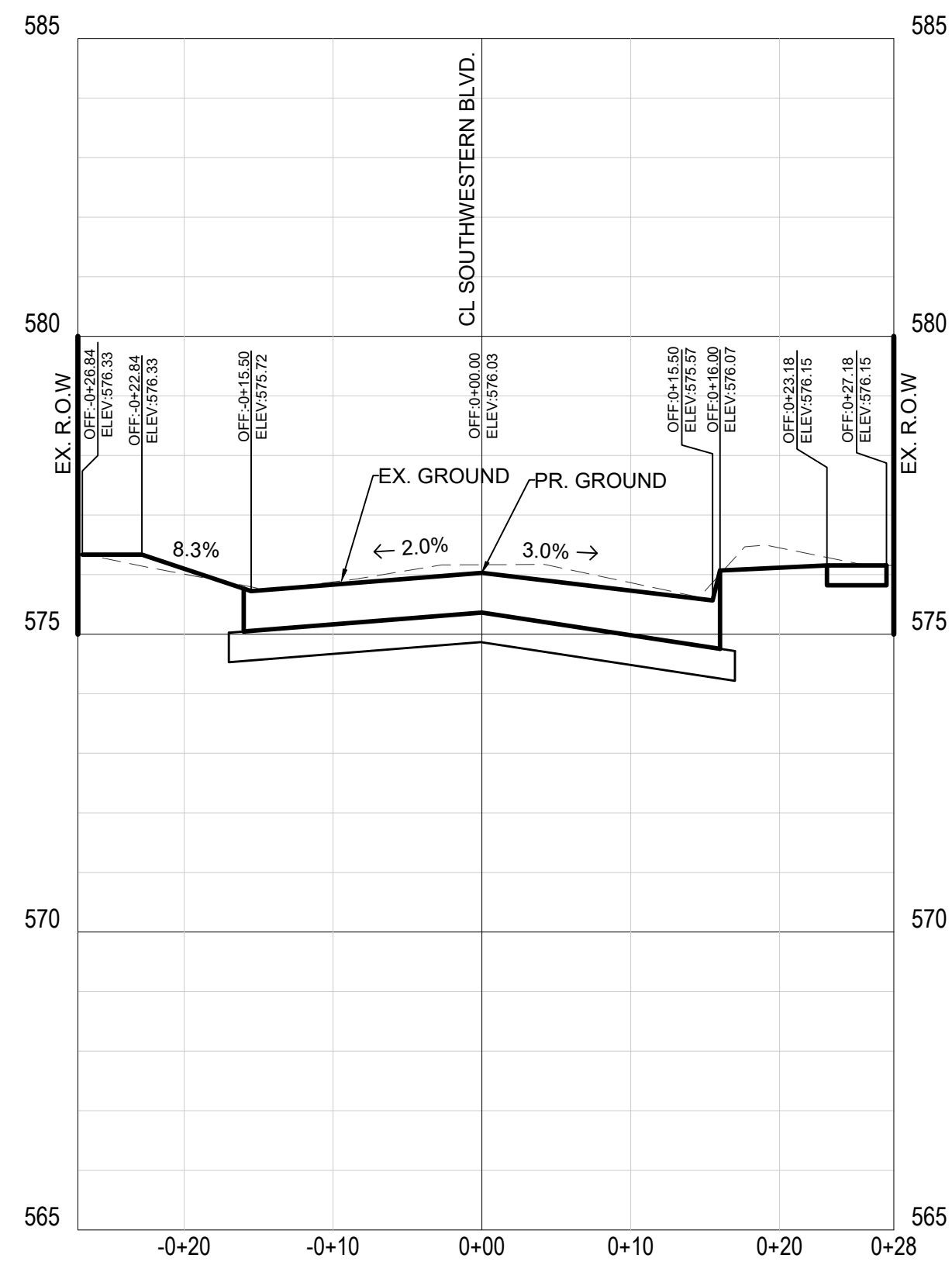
SOUTHWESTERN STA 6+25.00



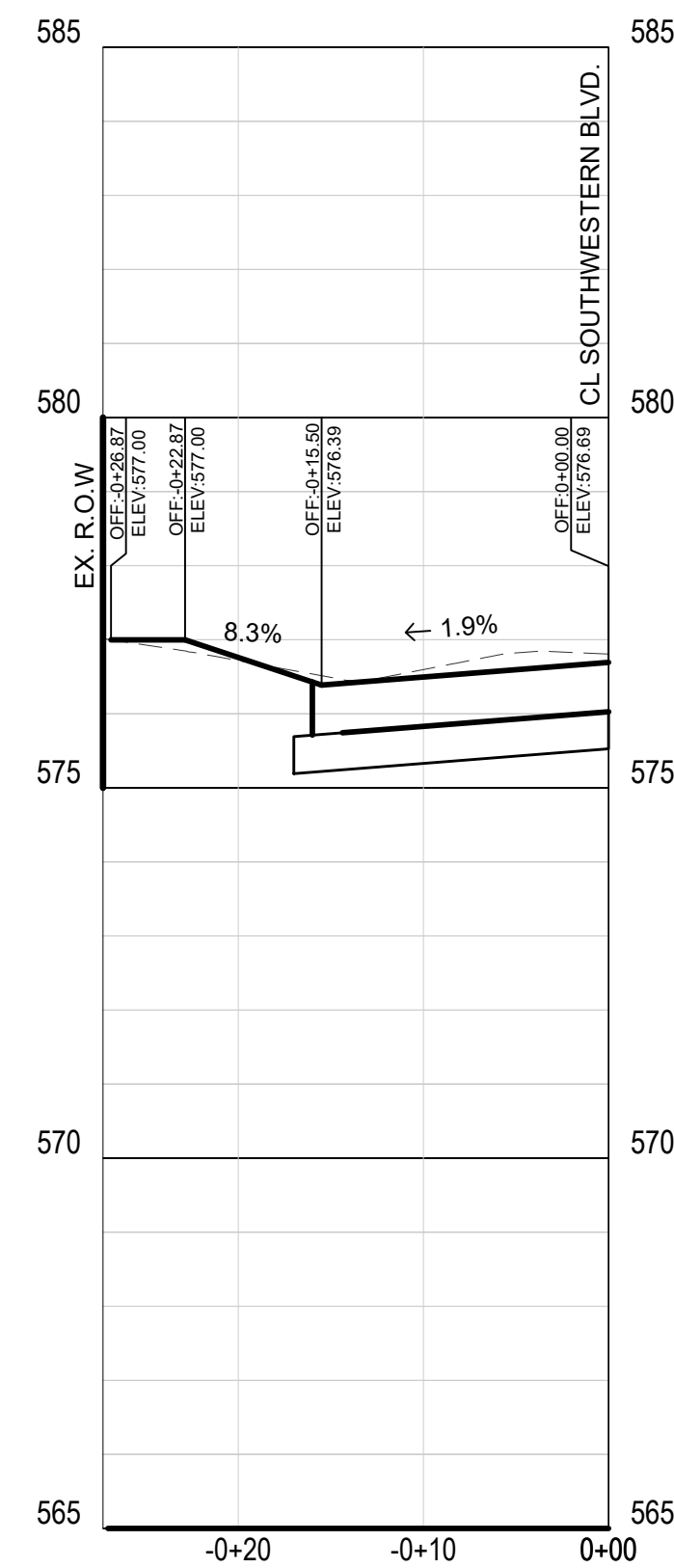
SOUTHWESTERN STA 6+50.00
CL DRIVEWAY LT & RT



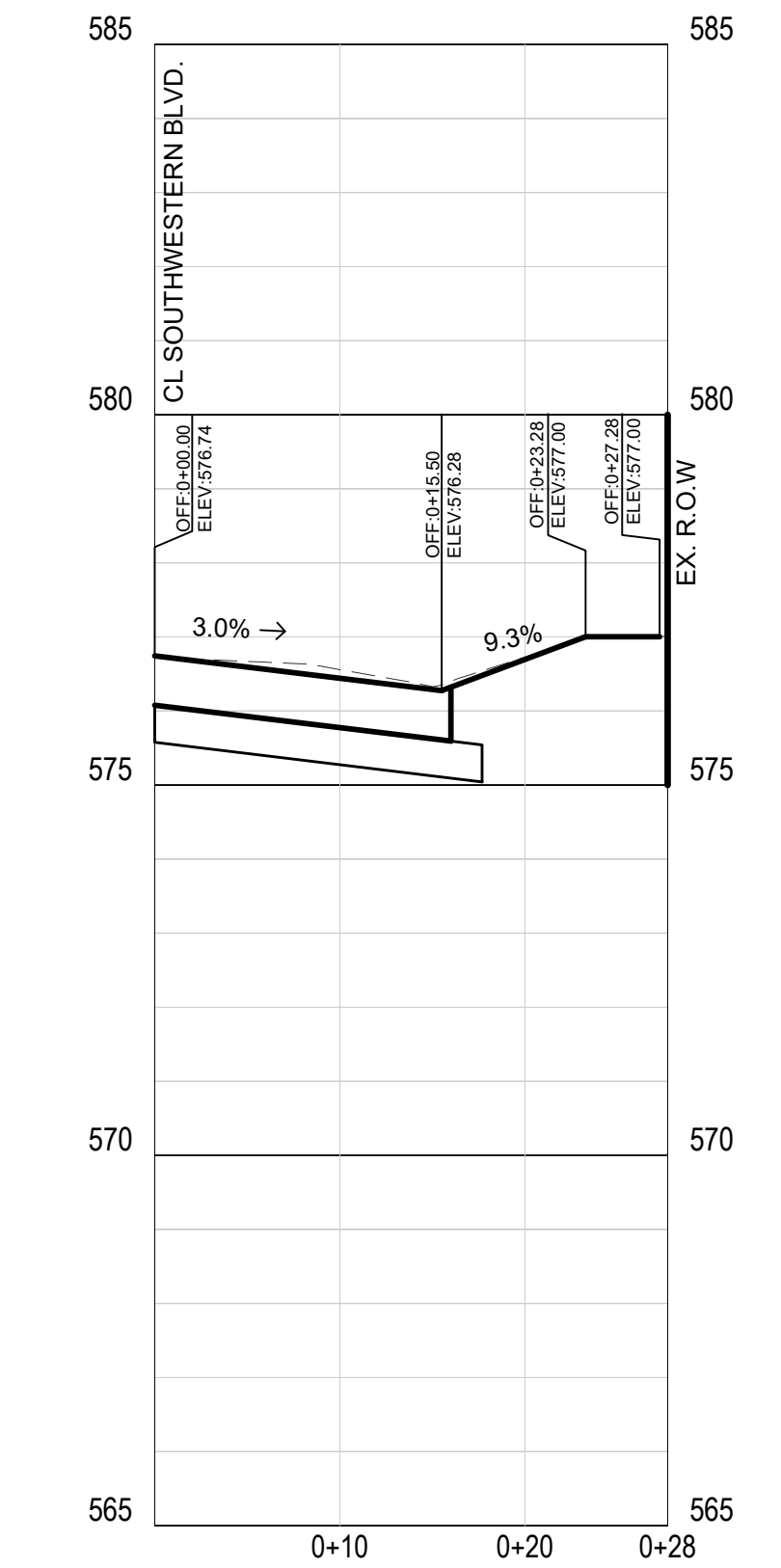
SOUTHWESTERN STA 6+75.00



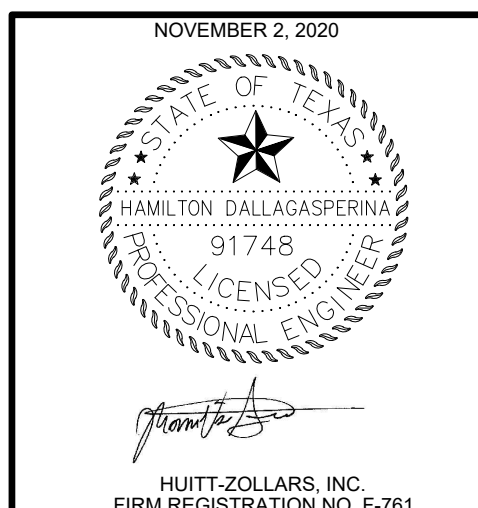
SOUTHWESTERN STA 6+00.00
CL DRIVEWAY LT



SOUTHWESTERN STA 6+47.45
CL DRIVEWAY LT



SOUTHWESTERN STA 6+51.05
CL DRIVEWAY RT



HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

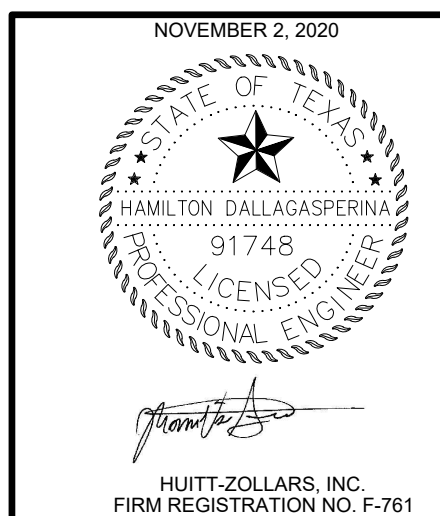
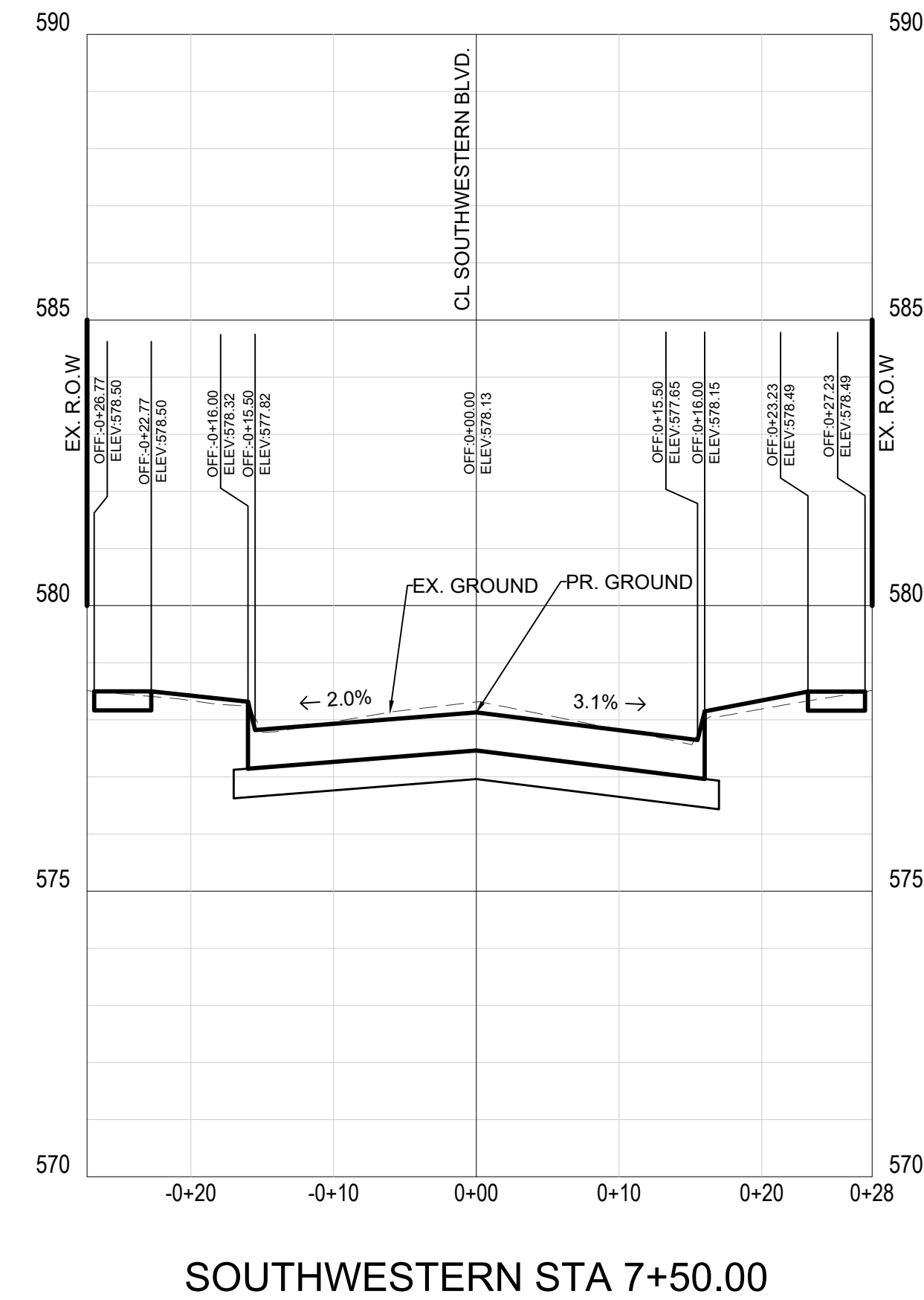
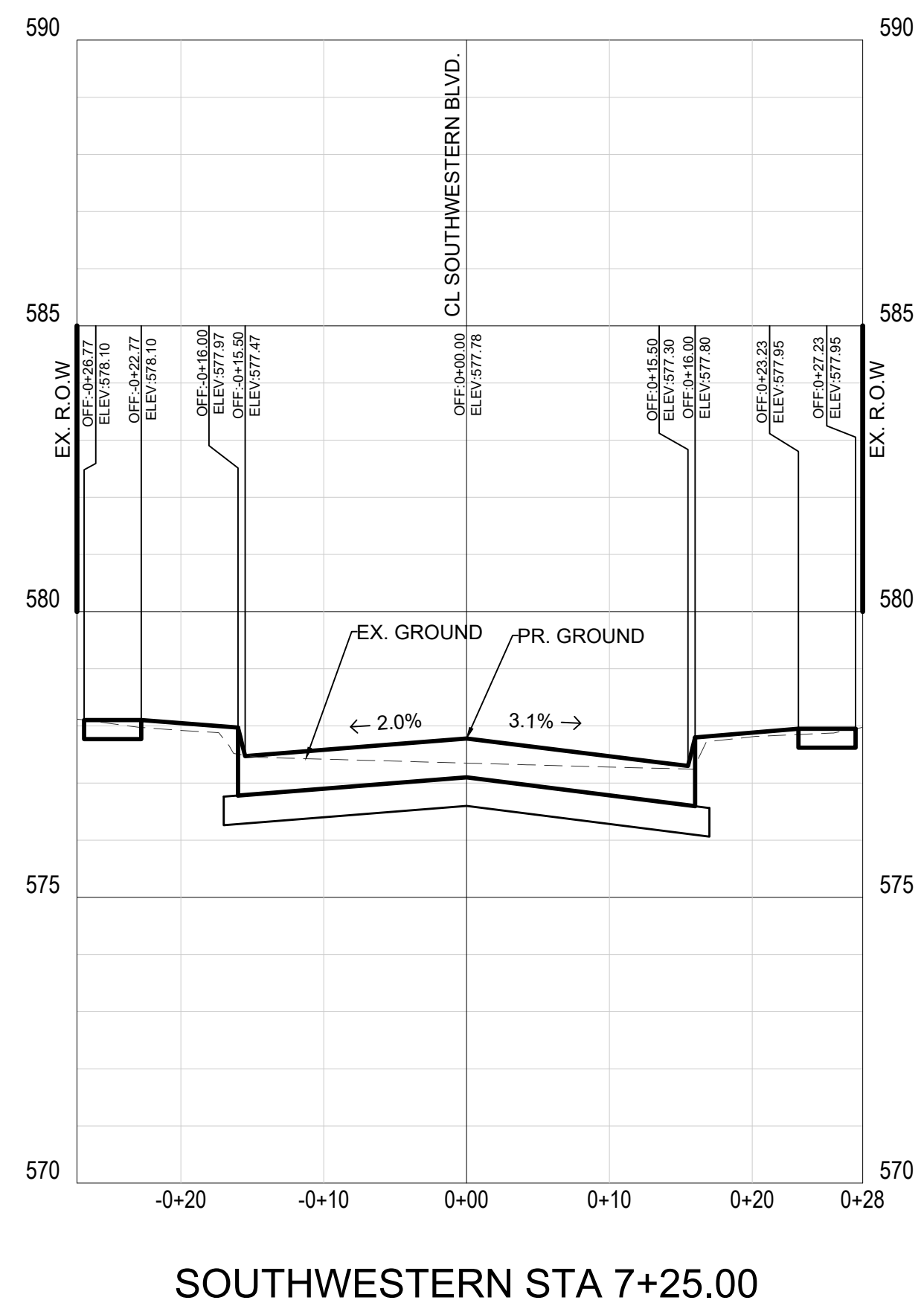
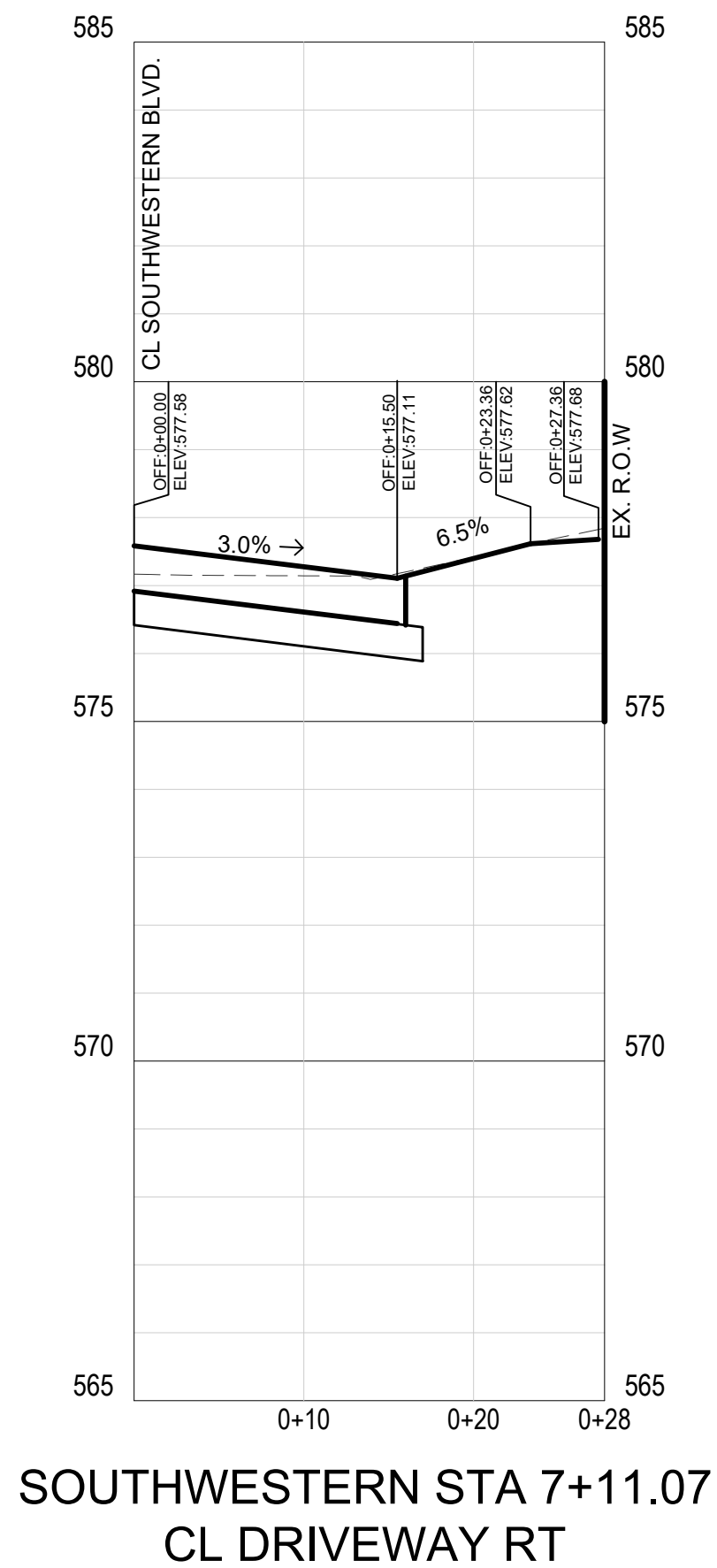
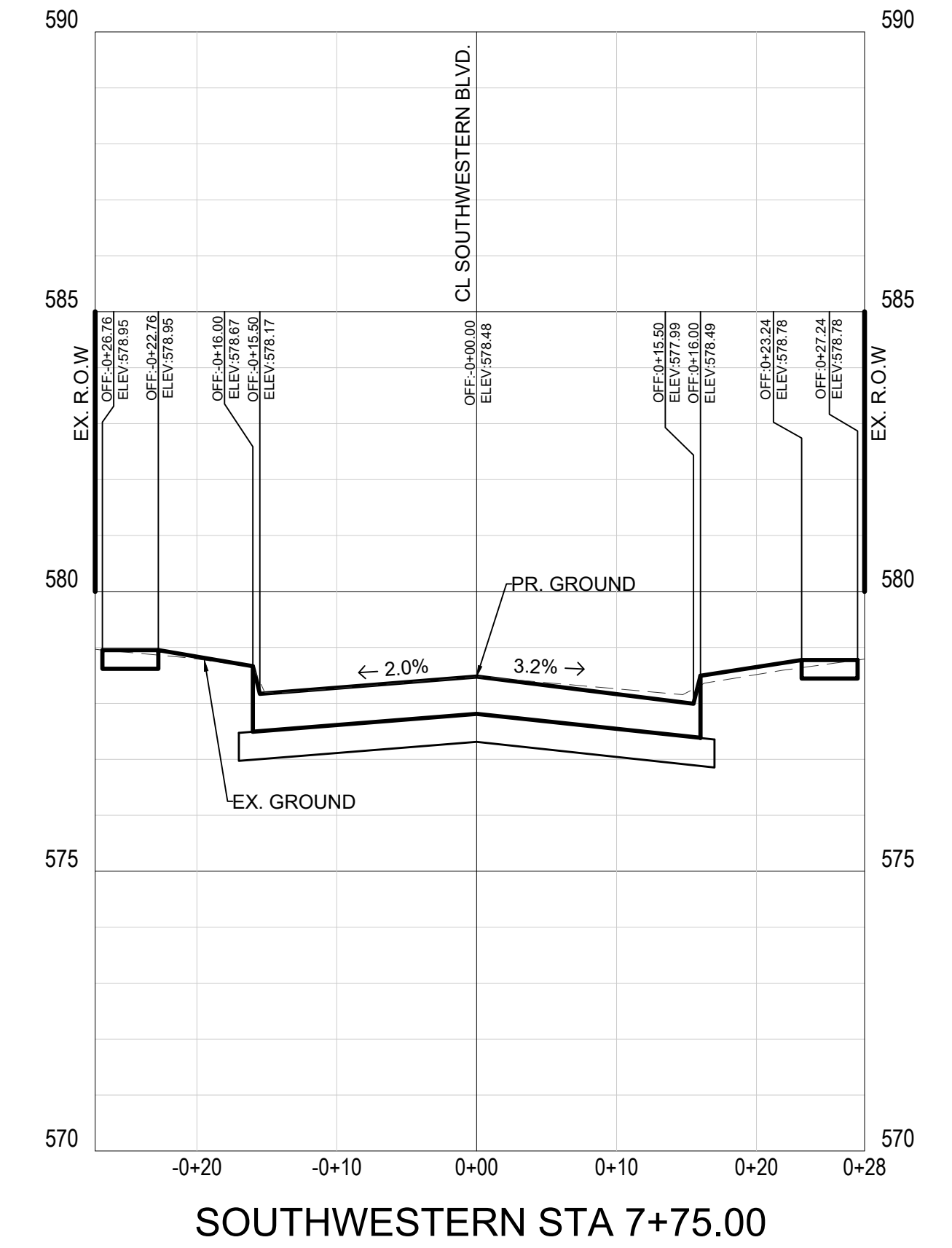
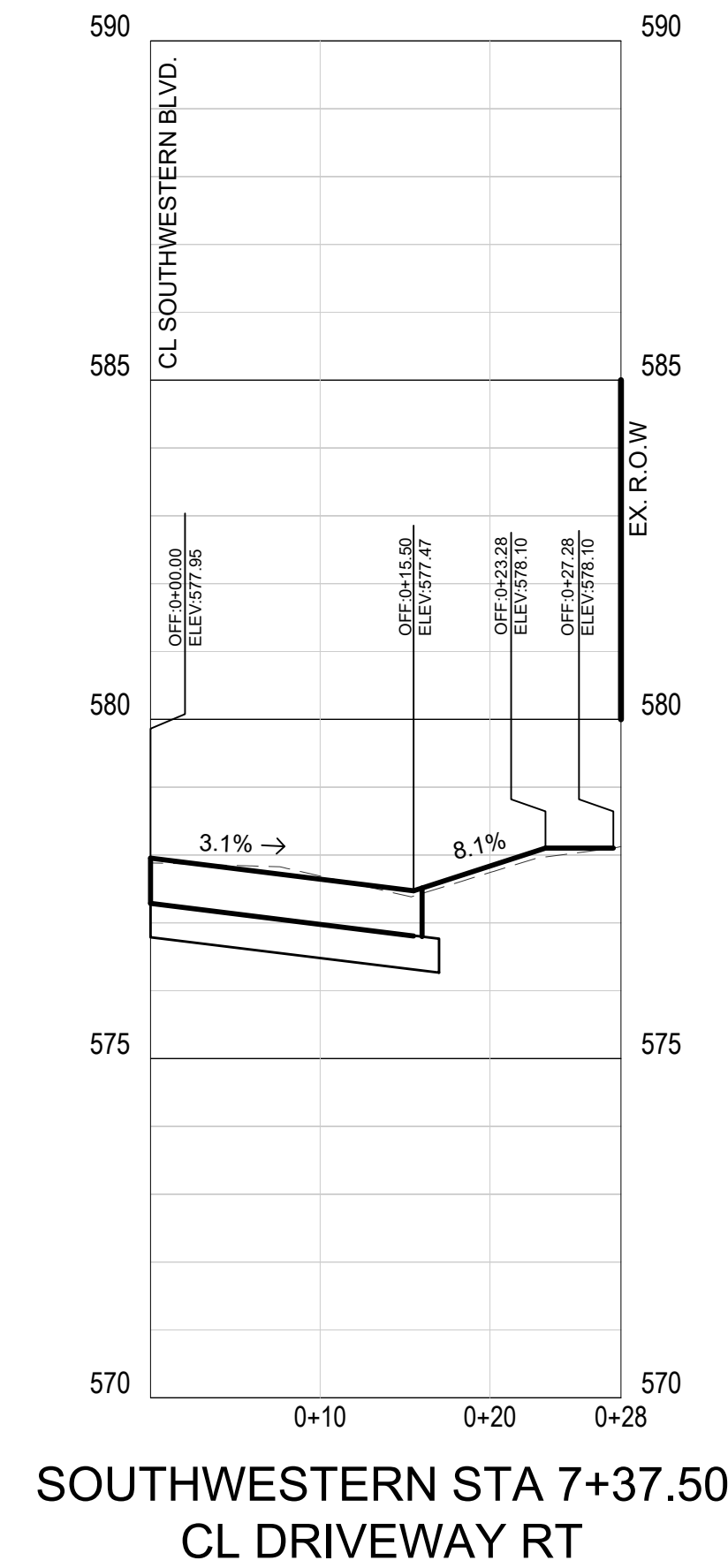
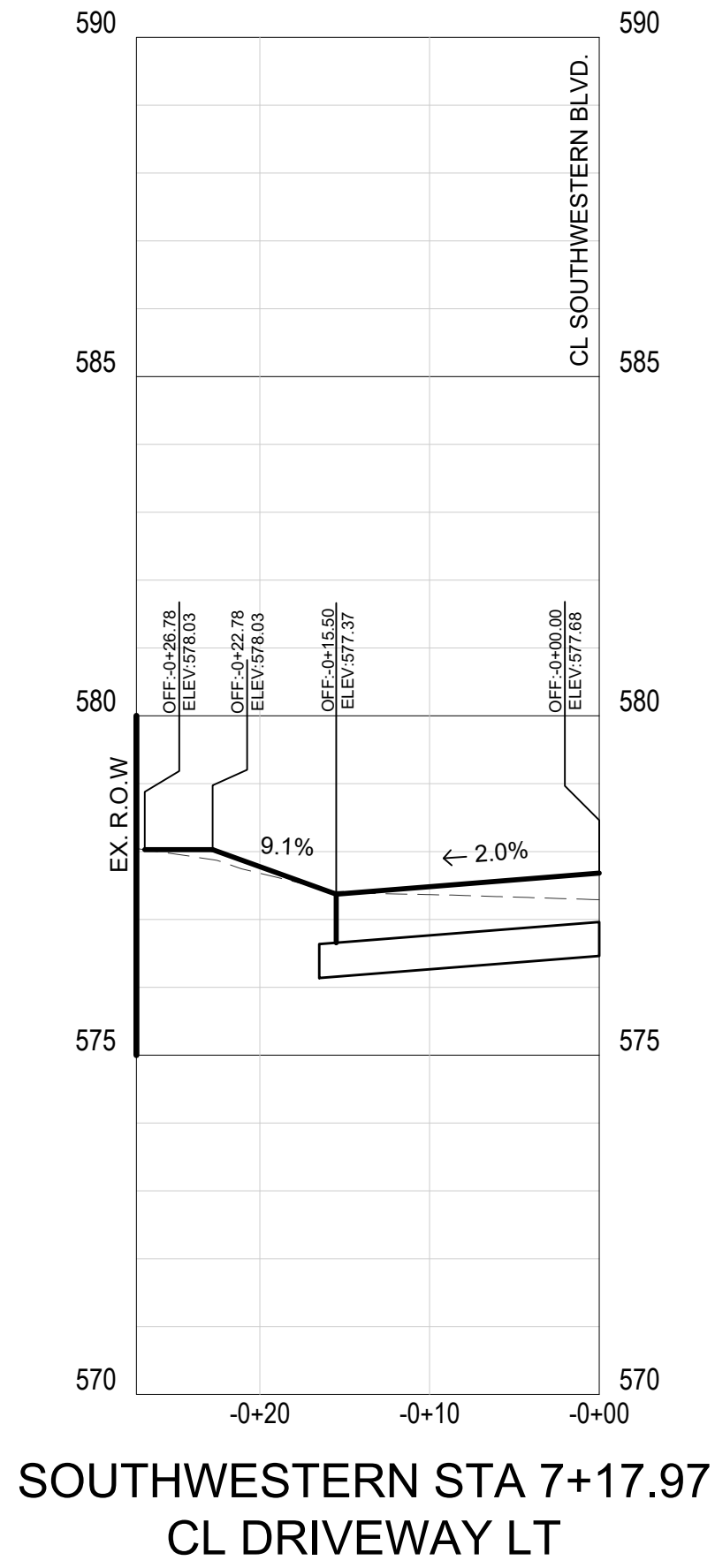
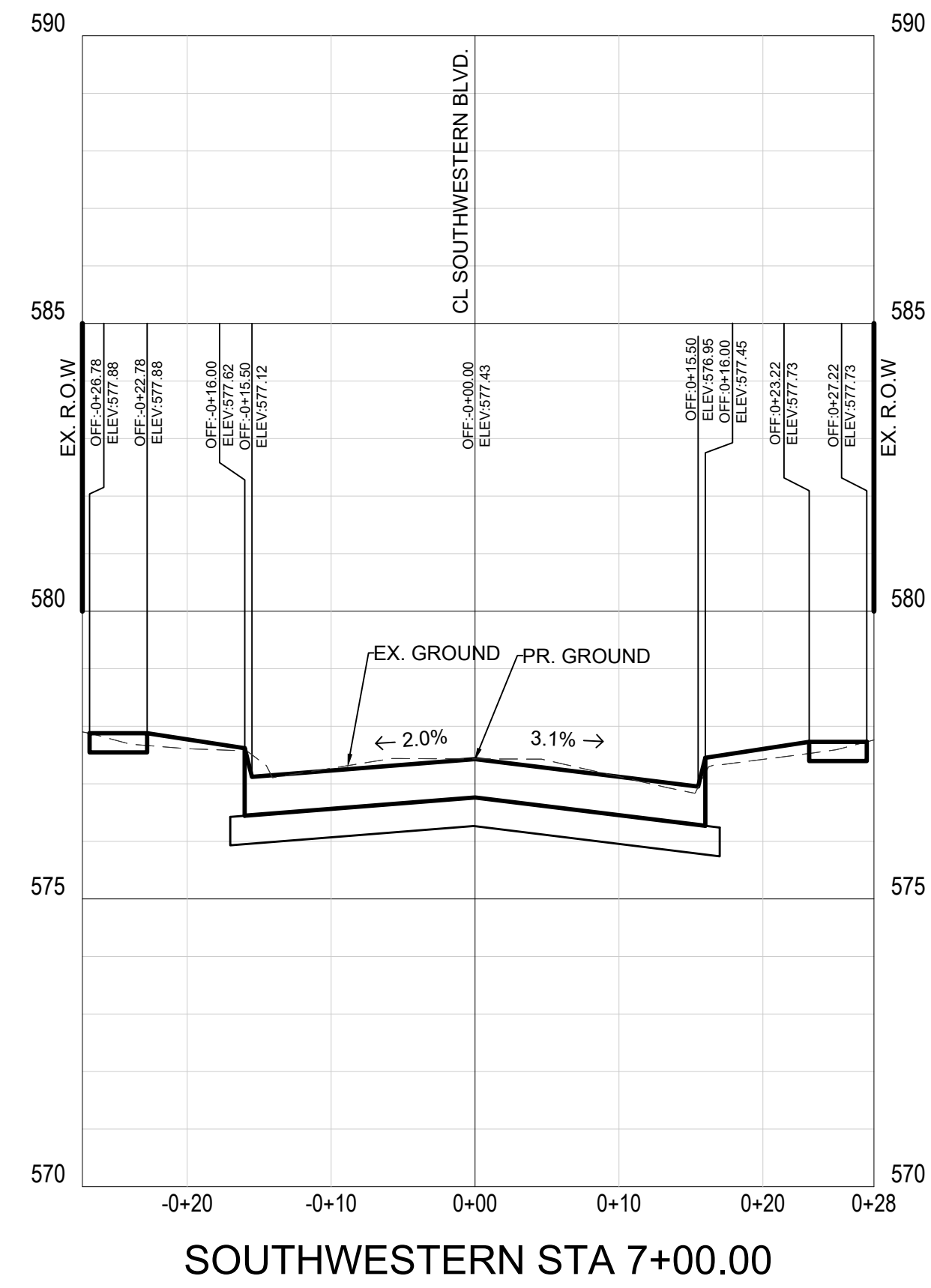
SOUTHWESTERN BLVD.

PAVING CROSS-SECTIONS

CITY OF UNIVERSITY PARK

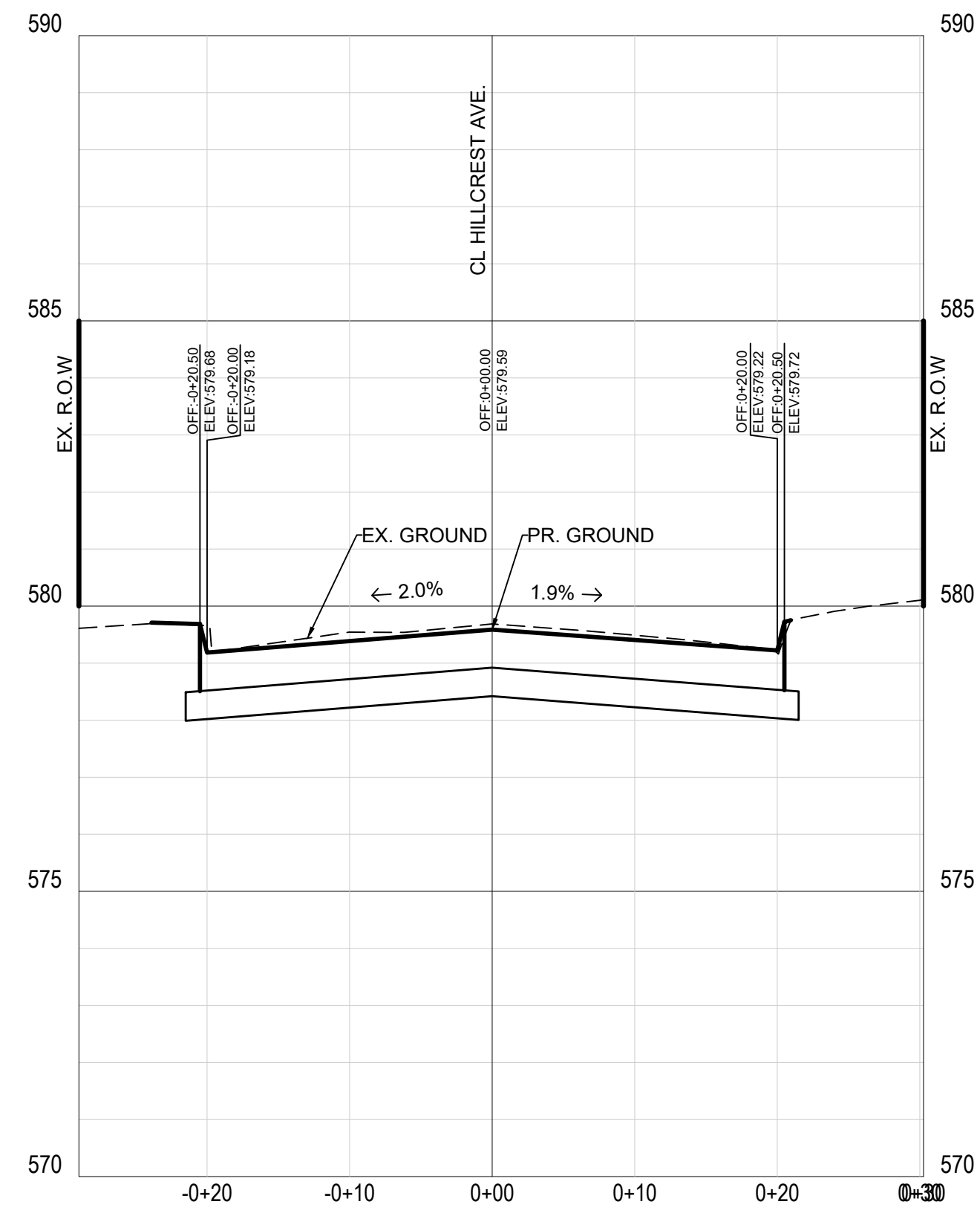
HUITT-ZOLLARS		Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757				
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	31

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

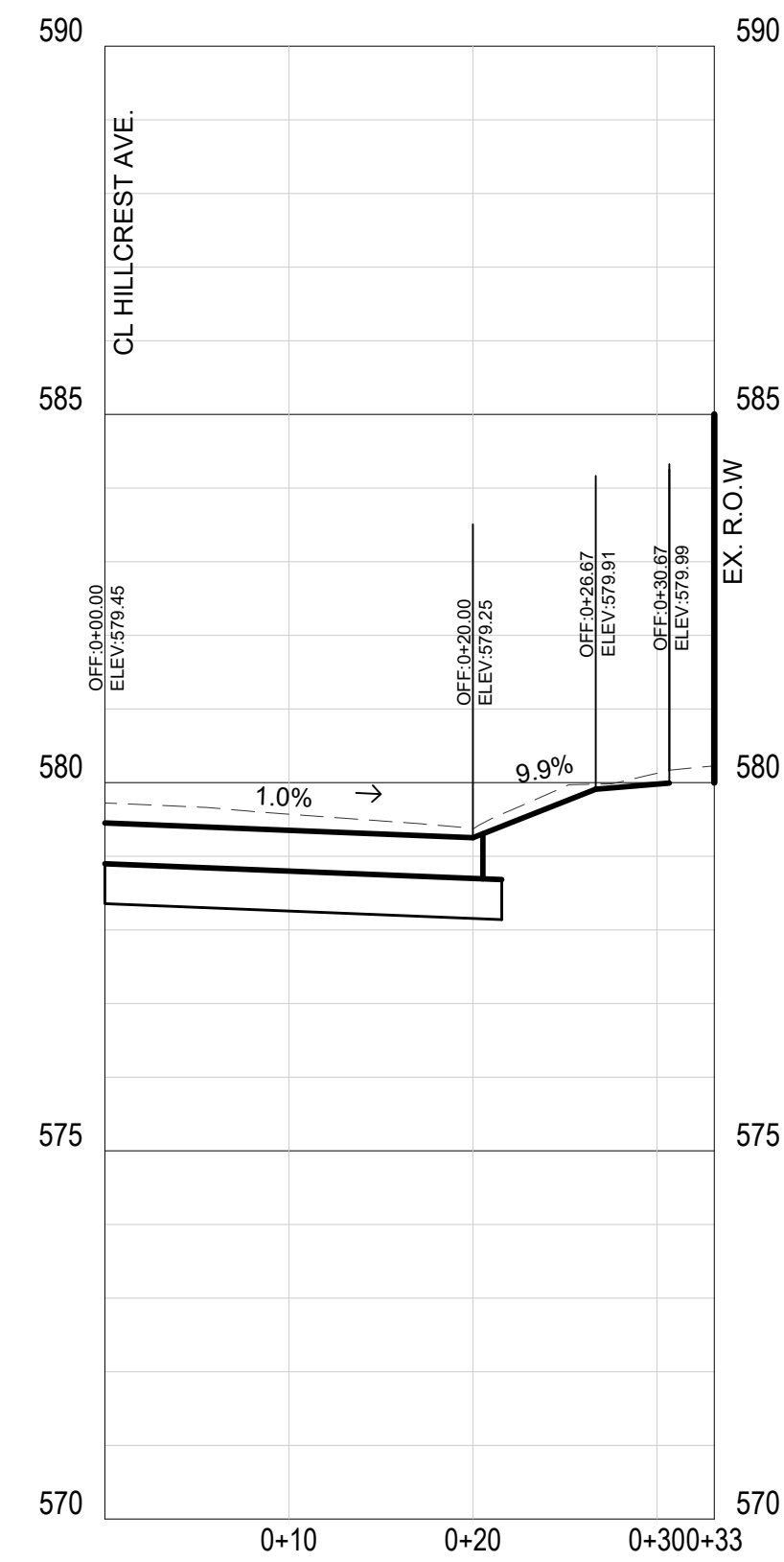


NO.		DATE	REVISIONS	APPROVED		
SOUTHWESTERN BLVD.						
PAVING CROSS-SECTIONS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS		Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757				
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	32

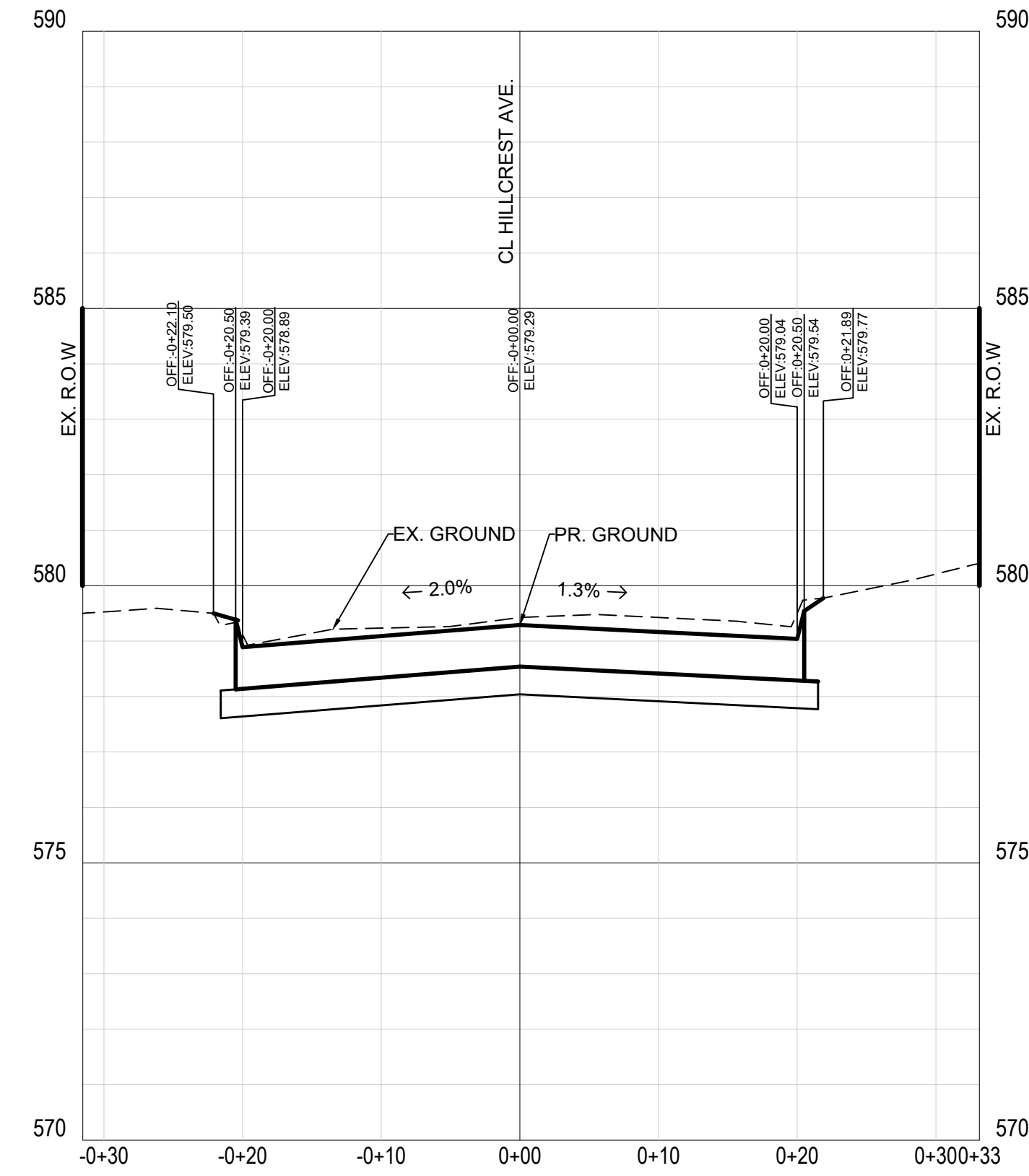
DWG: H:\proj\19308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\10 SHEETS\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:31pm XREFS: Border: 22 X 34 Base Cross Section - Copy USER: aramirez



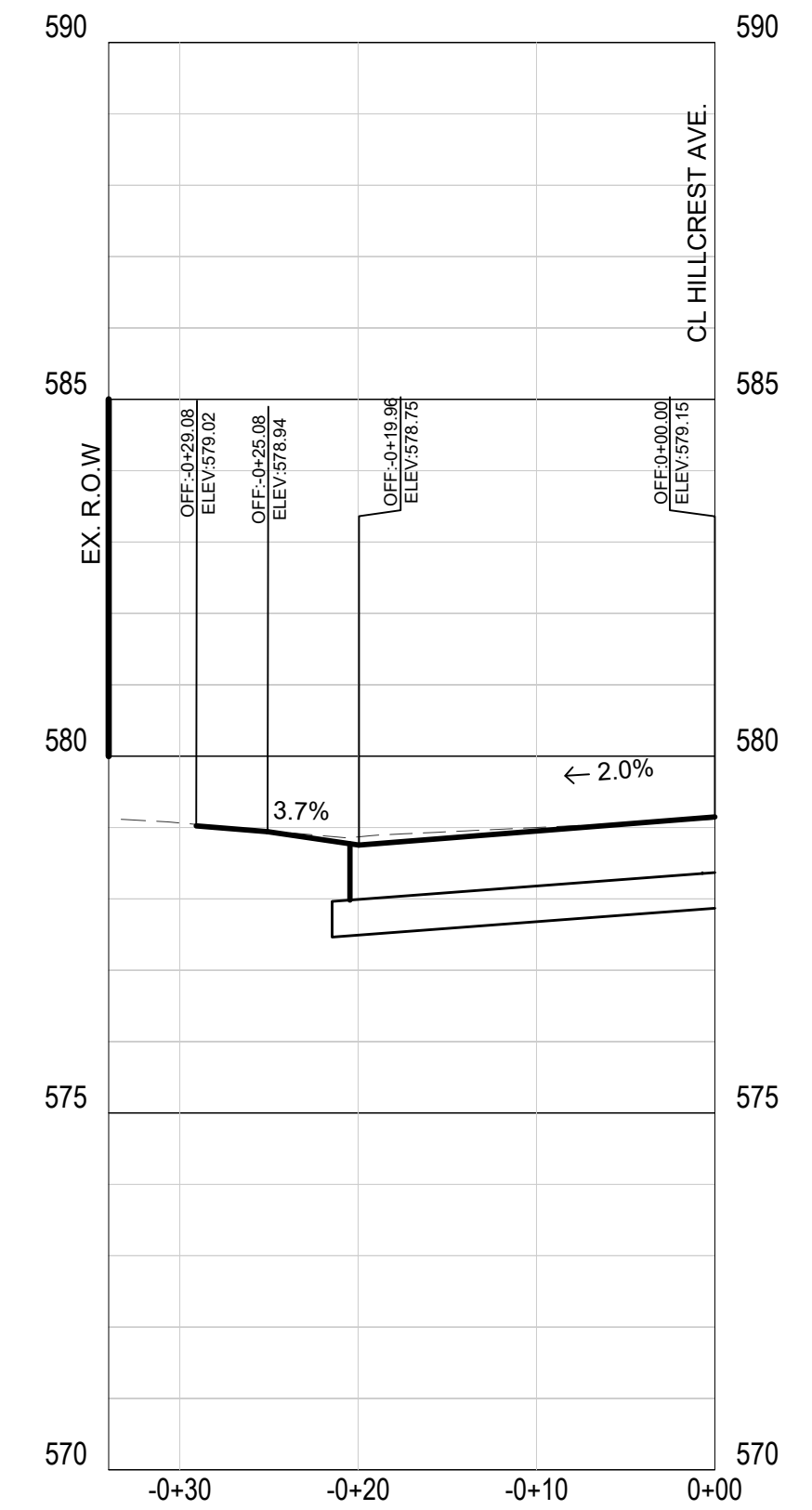
HILLCREST STA 2+00.00



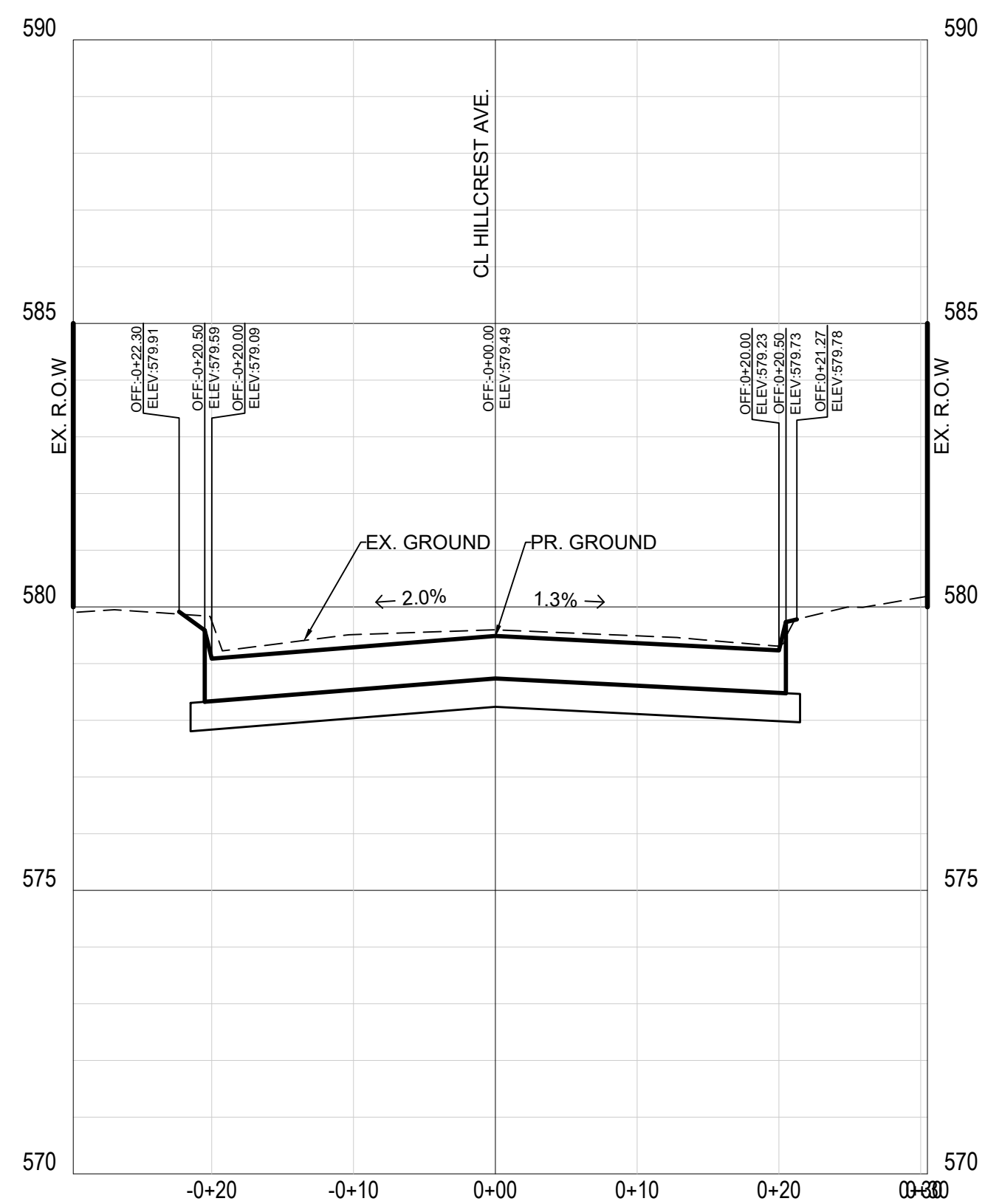
HILLCREST STA 2+34.24
CL DRIVEWAY RT



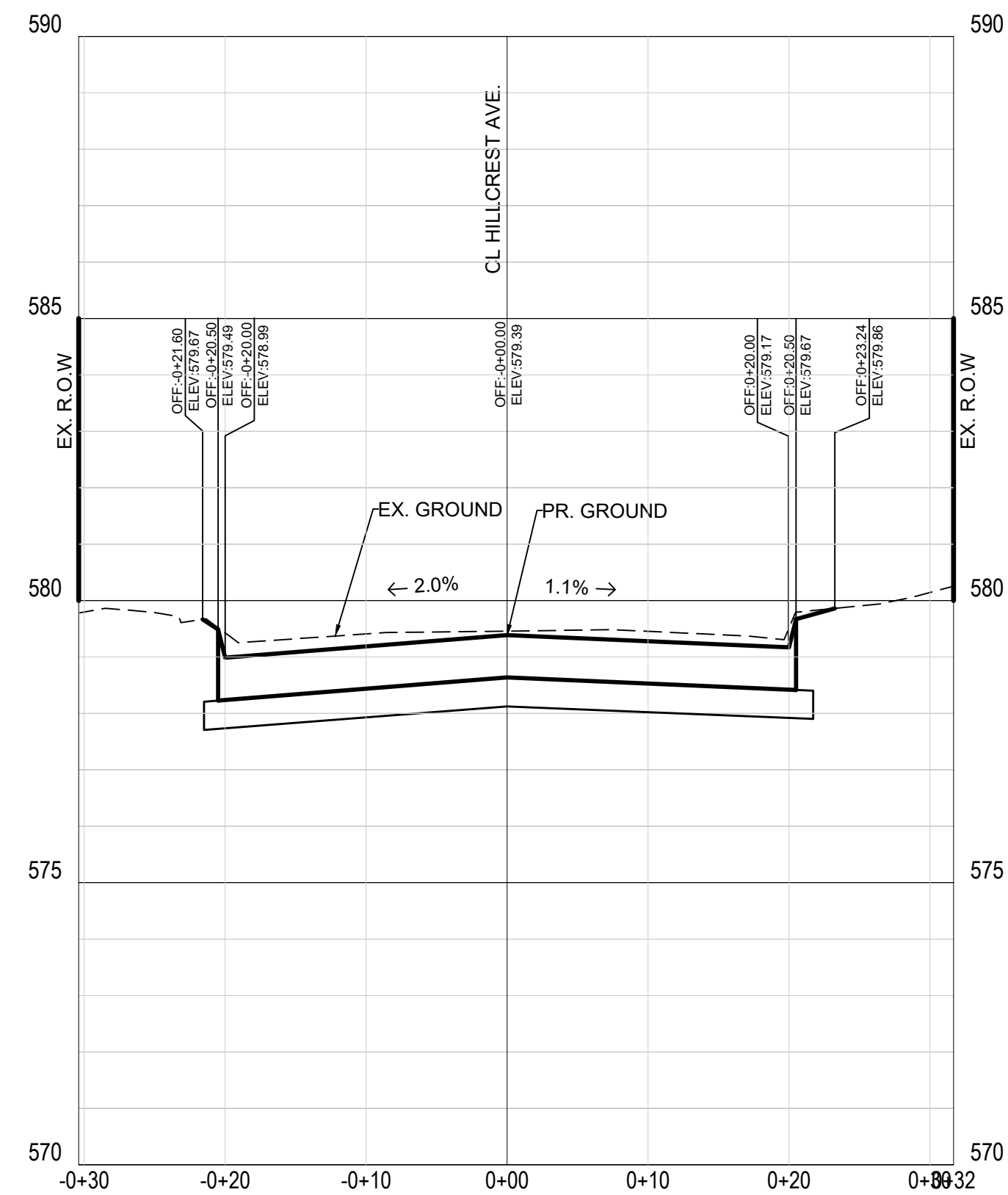
HILLCREST STA 2+75.00



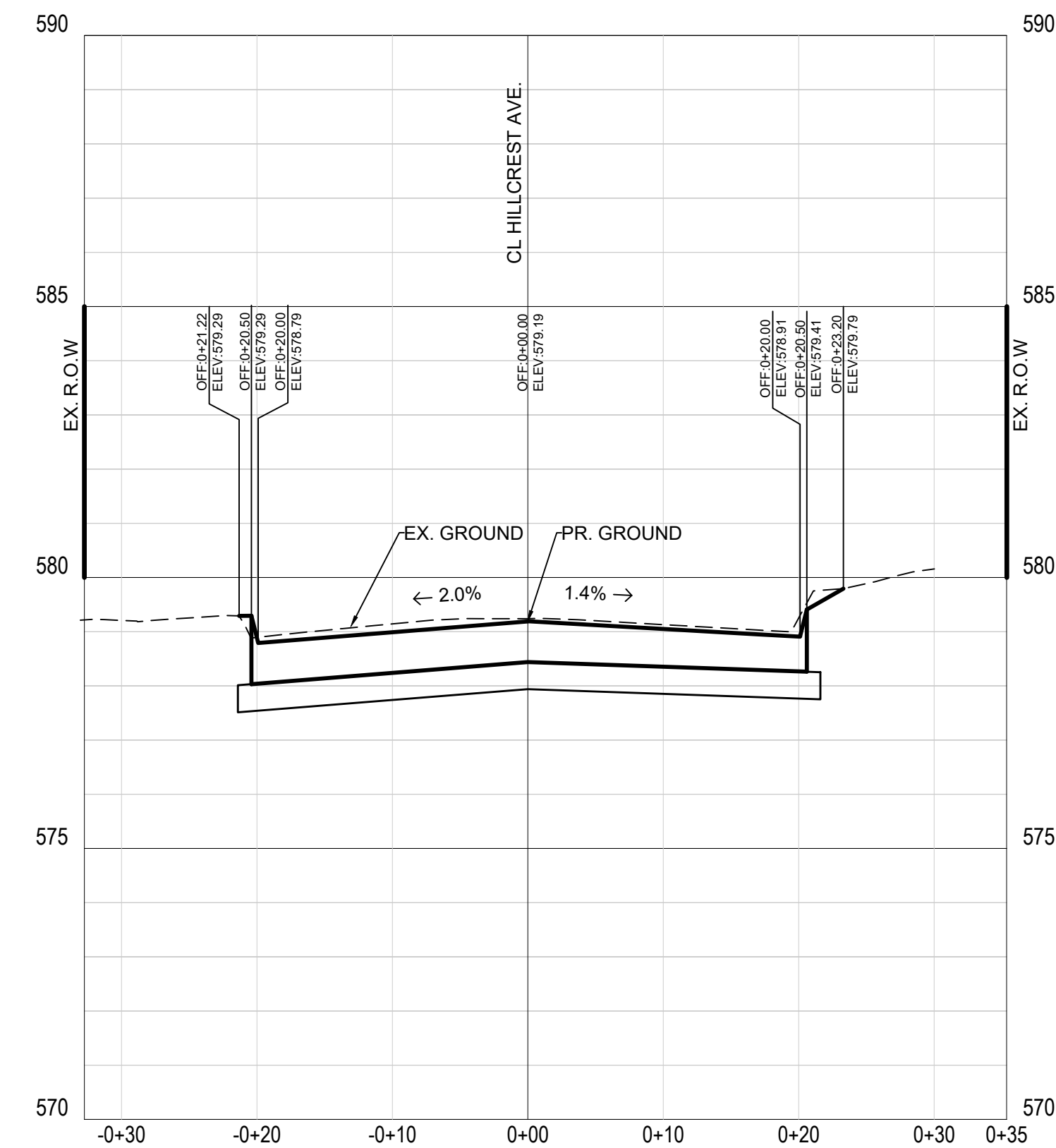
HILLCREST STA 3+11.11
CL DRIVEWAY LT



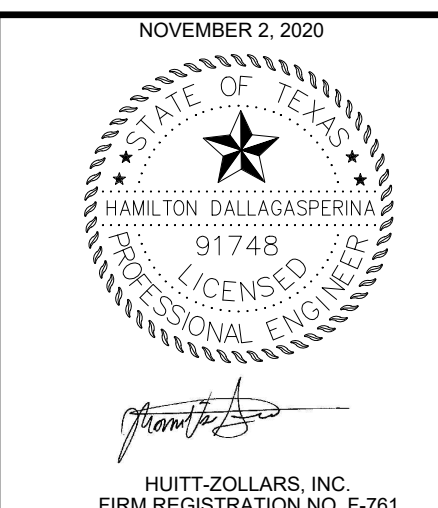
HILLCREST STA 2+25.00



HILLCREST STA 2+50.00



HILLCREST STA 3+00.00

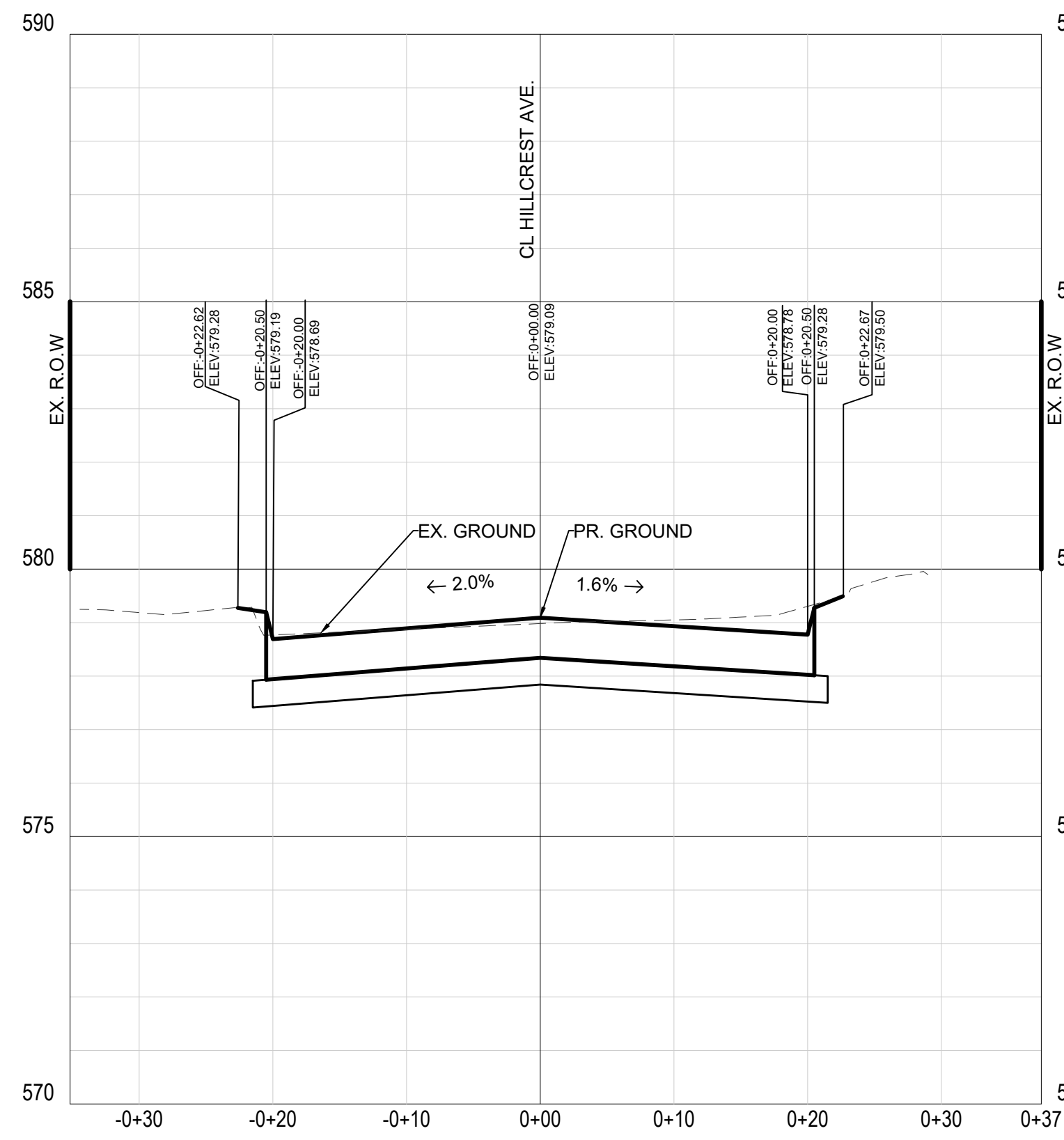


HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

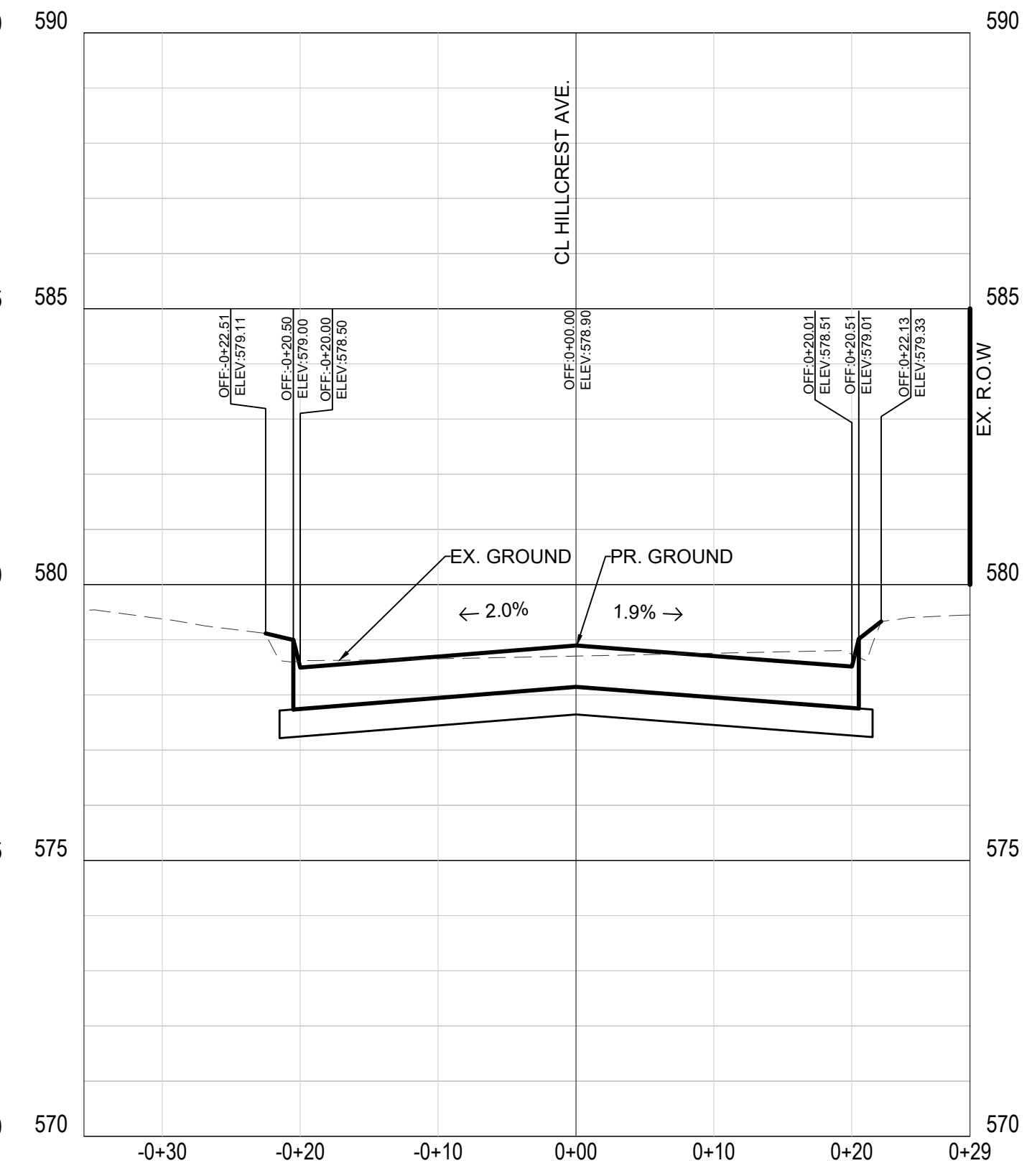
NO.		DATE		REVISIONS		APPROVED	
HILLCREST AVE.							
PAVING CROSS-SECTIONS							
CITY OF UNIVERSITY PARK							
HUITT-ZOLLARS				<small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>			
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET	
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	33	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

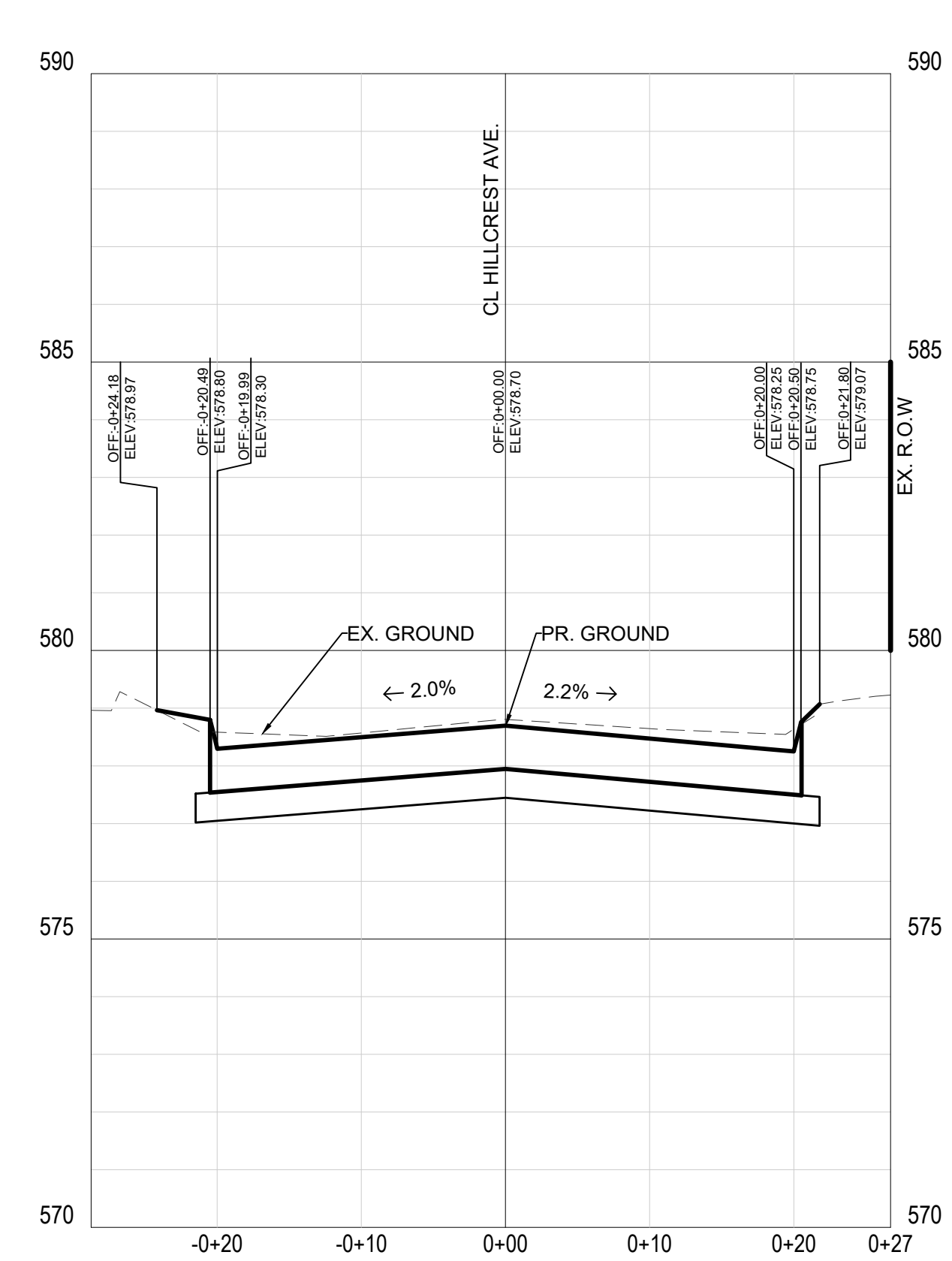
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\10 SHEETS\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:35pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



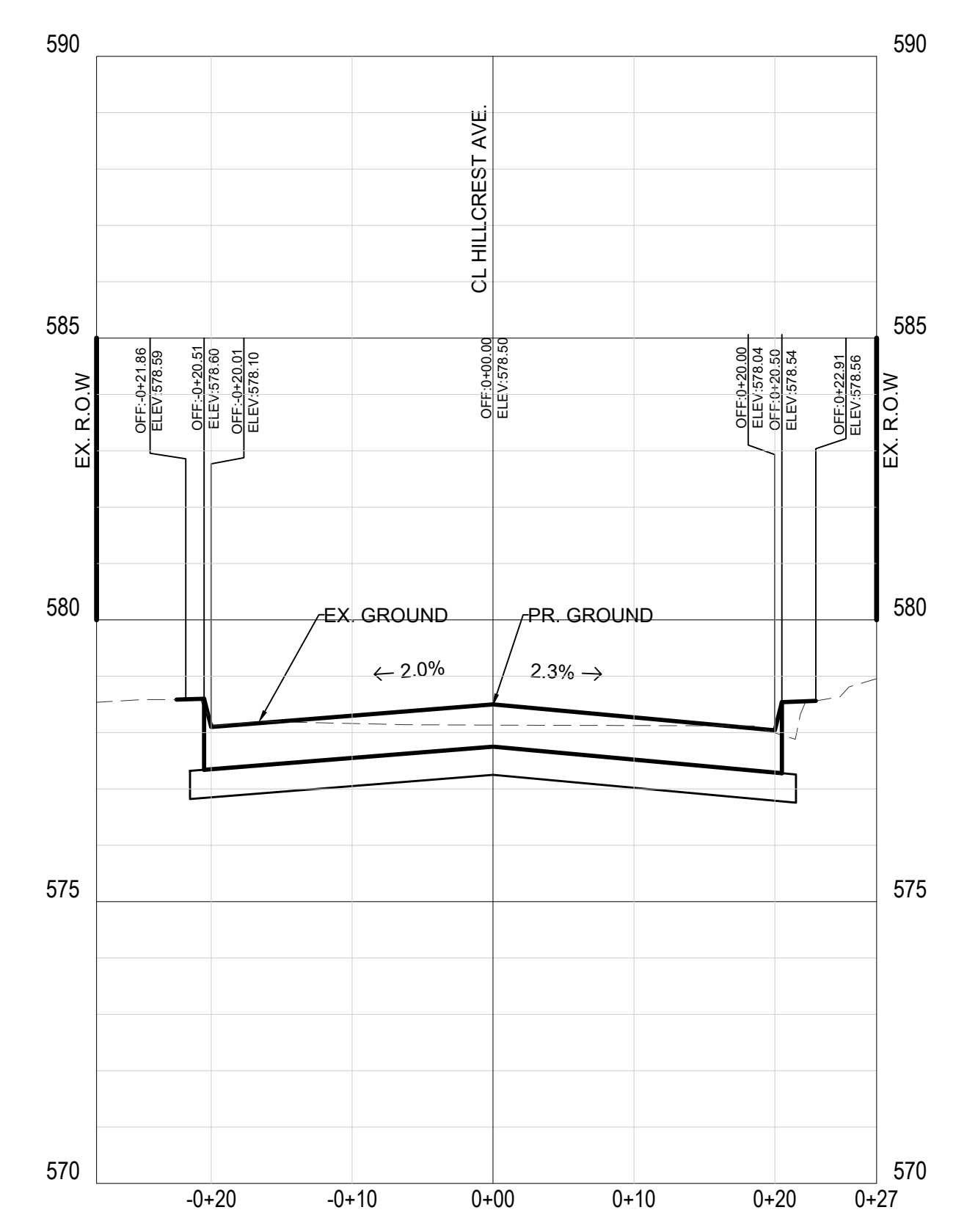
HILLCREST STA 3+25.00



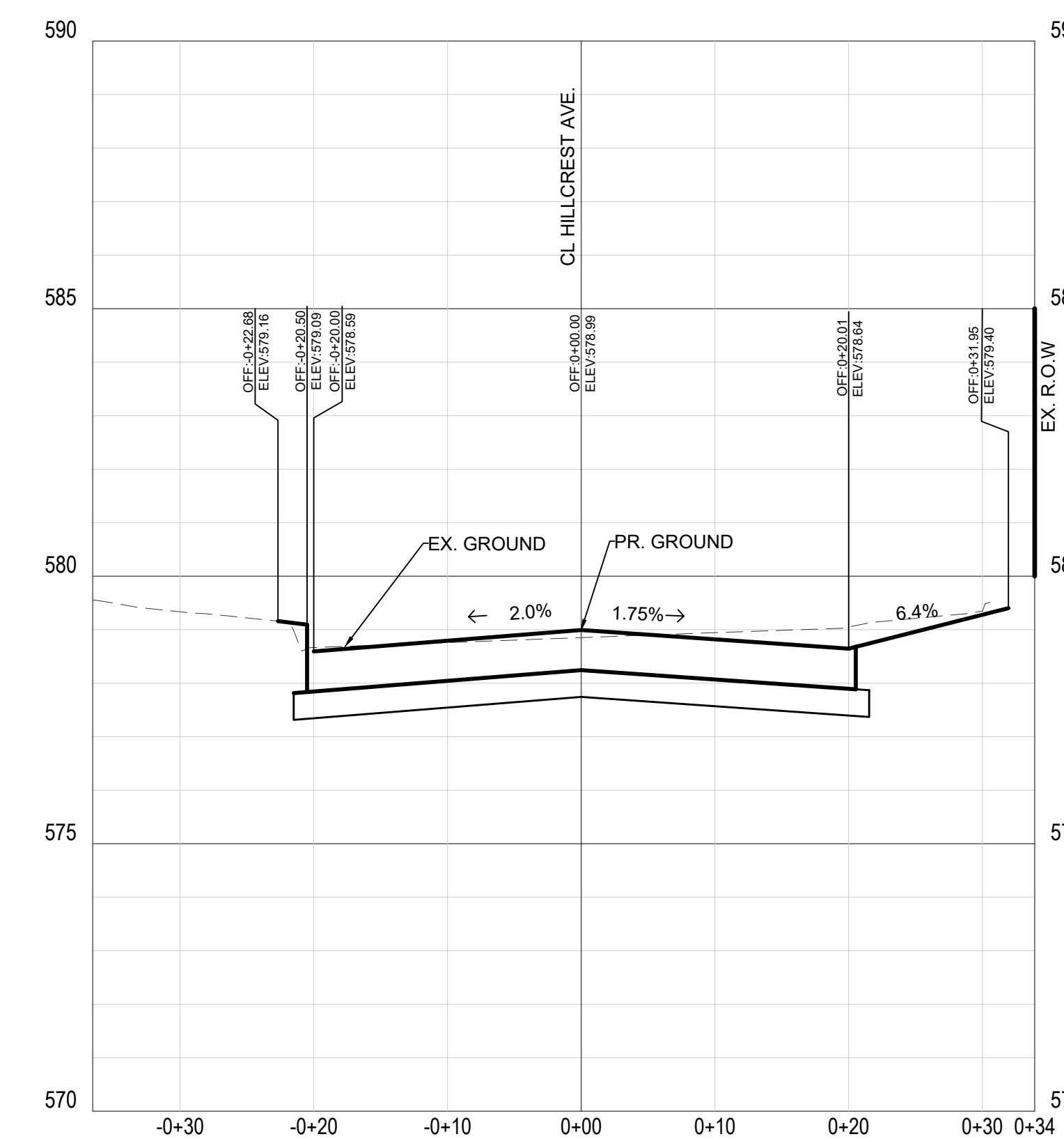
HILLCREST STA 3+75.00



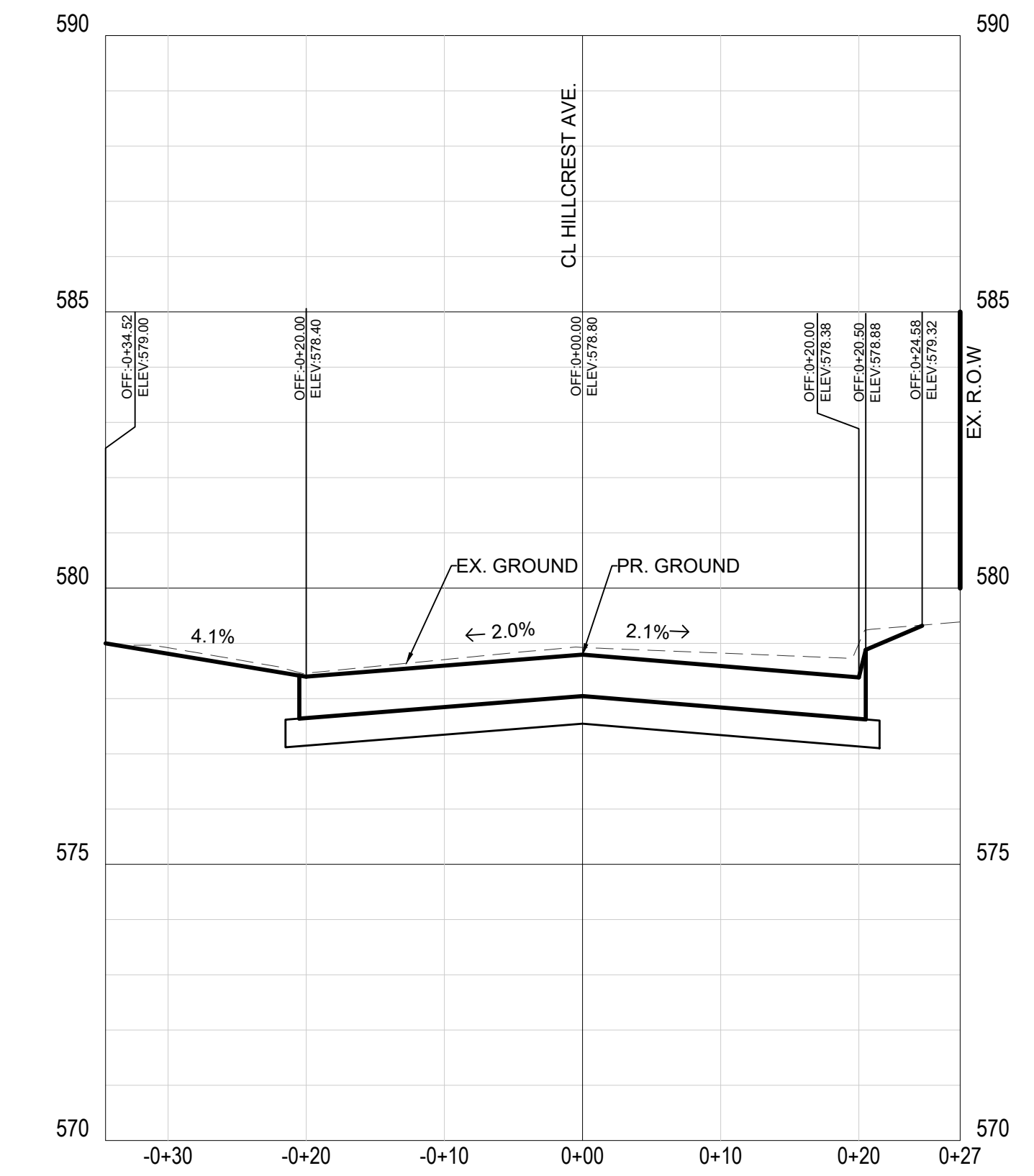
HILLCREST STA 4+25.00



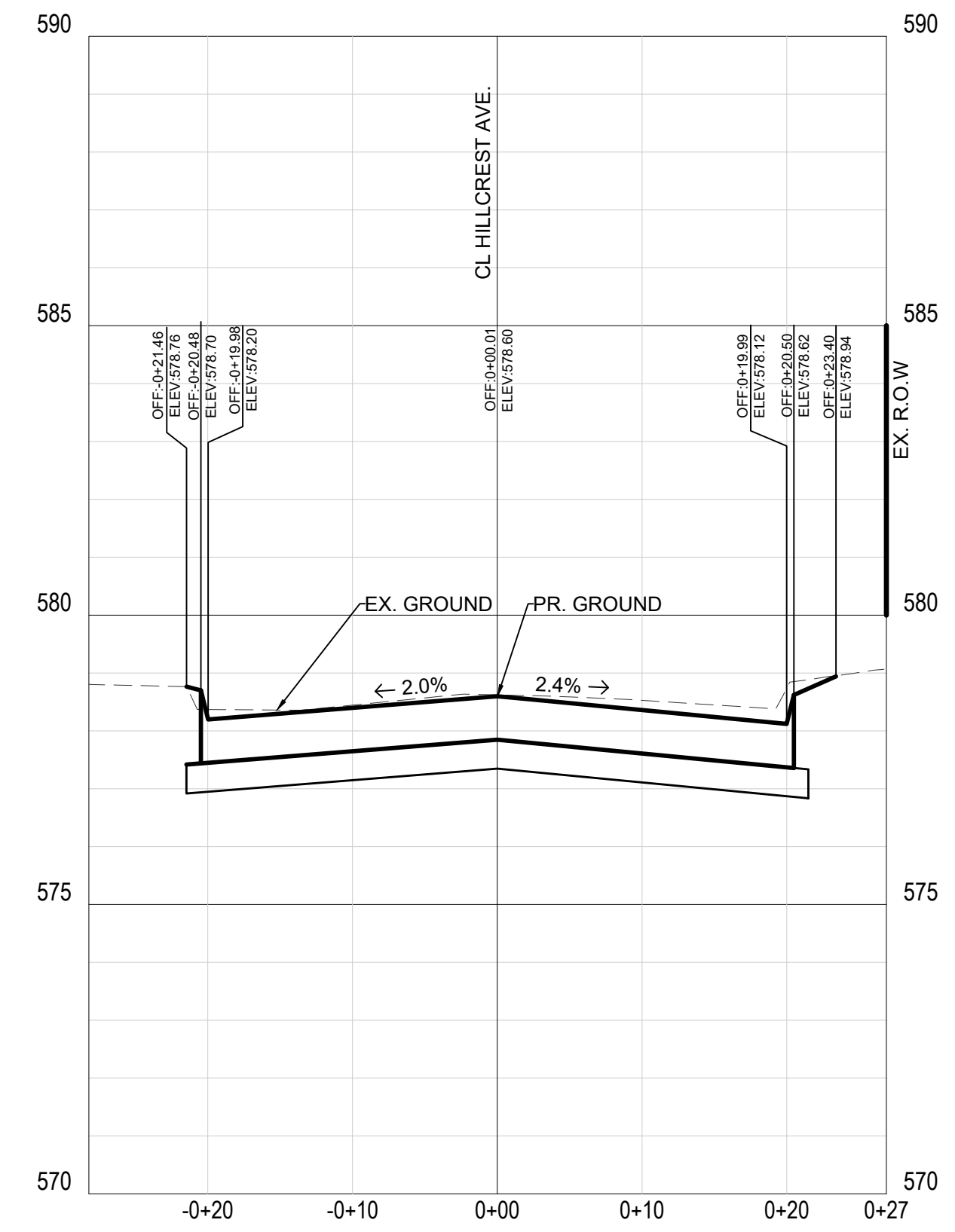
HILLCREST STA 4+75.00



HILLCREST STA 3+50.00
CL ALLEY RT



HILLCREST STA 4+00.00
PARK ENTRANCE LT



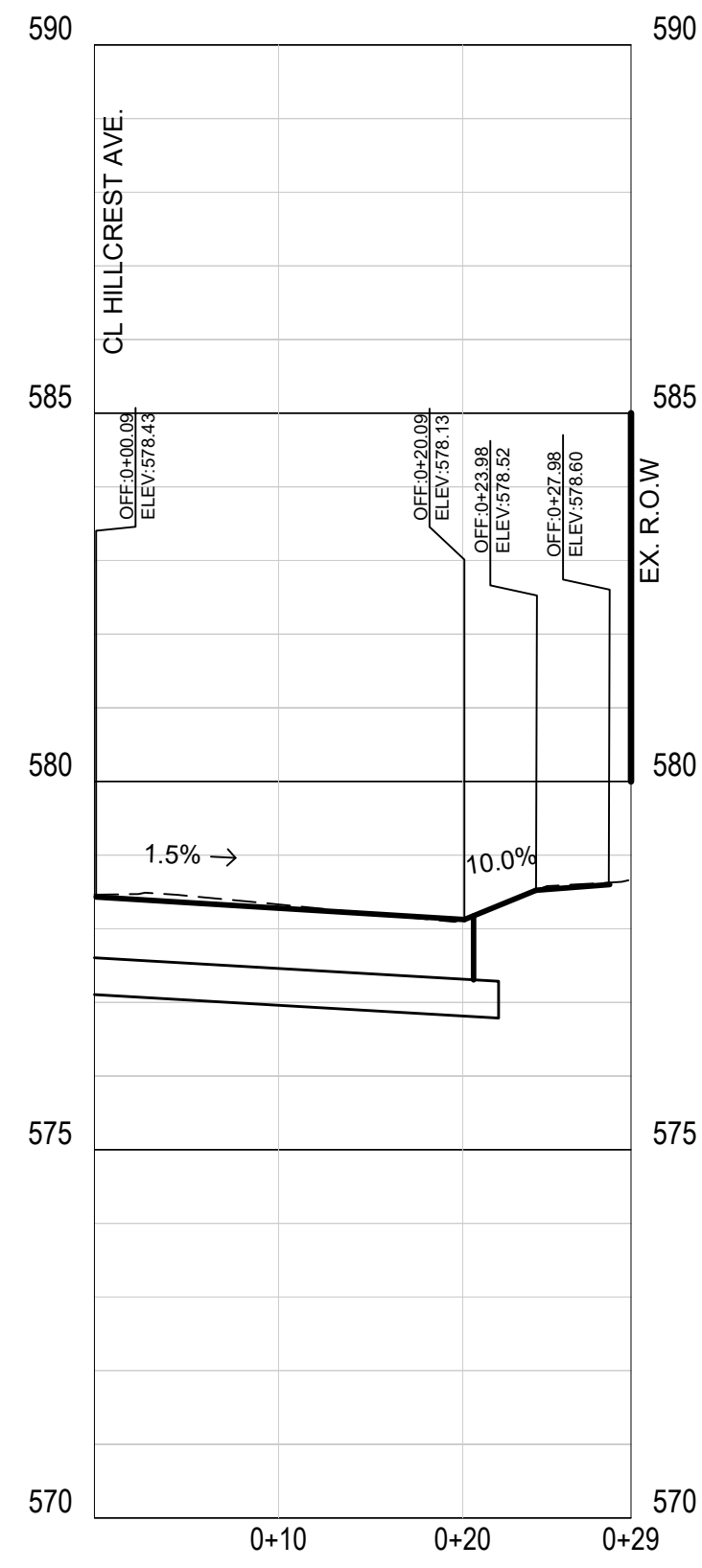
HILLCREST STA 4+50.00



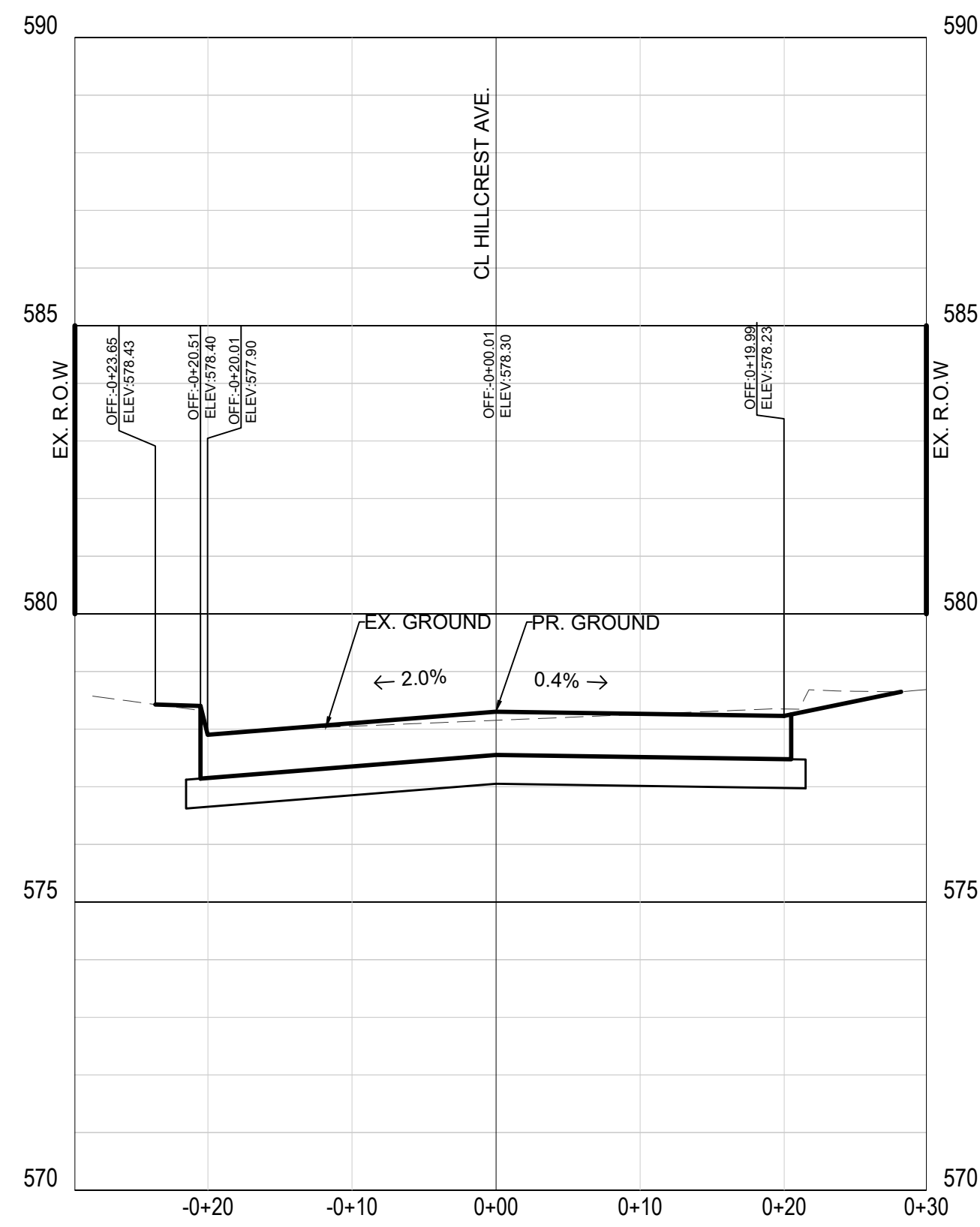
NO.		DATE		REVISIONS		APPROVED	
HILLCREST AVE.							
PAVING CROSS-SECTIONS							
CITY OF UNIVERSITY PARK							
HUITT-ZOLLARS				<small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>			
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET	
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	34	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

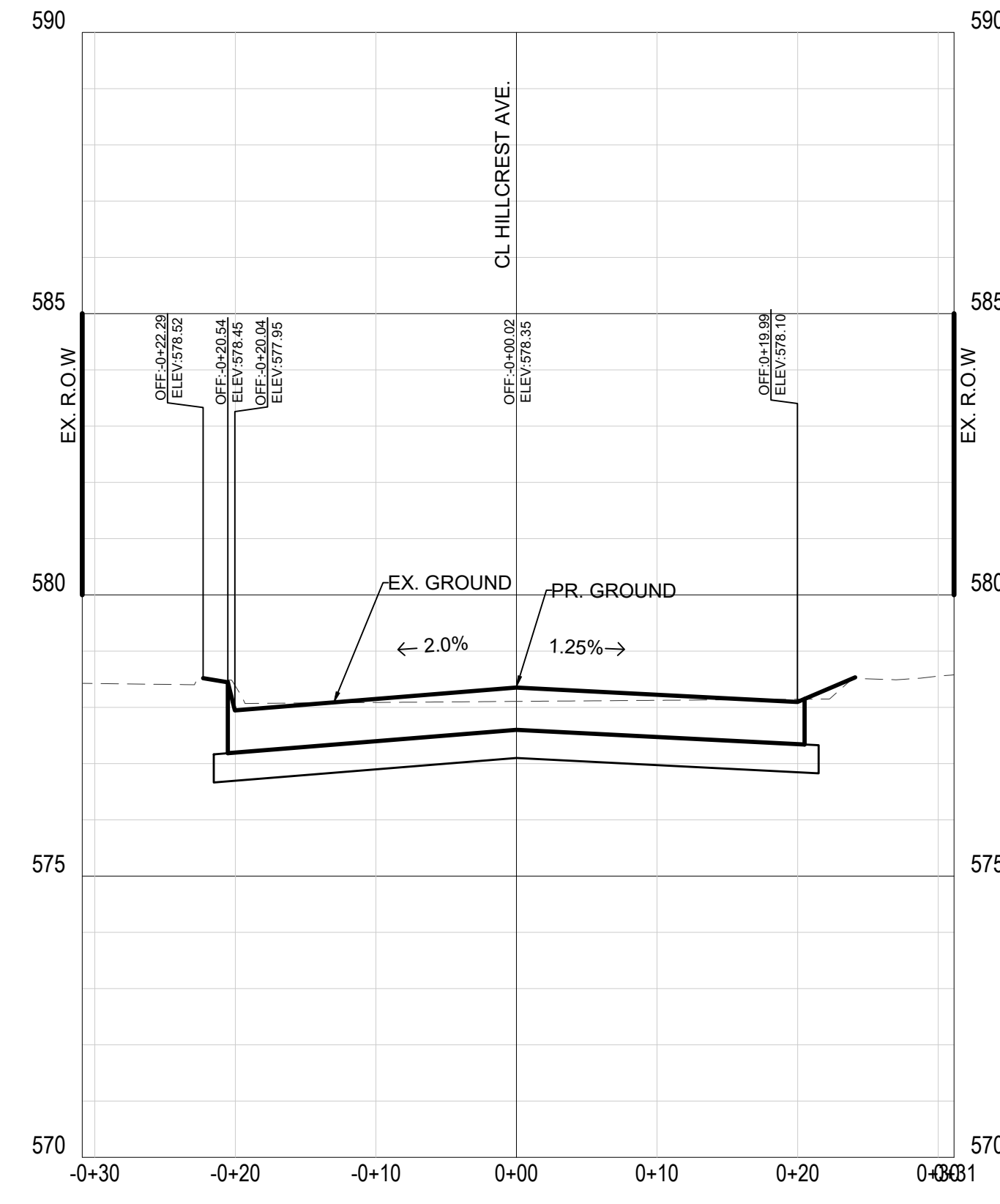
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:35pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



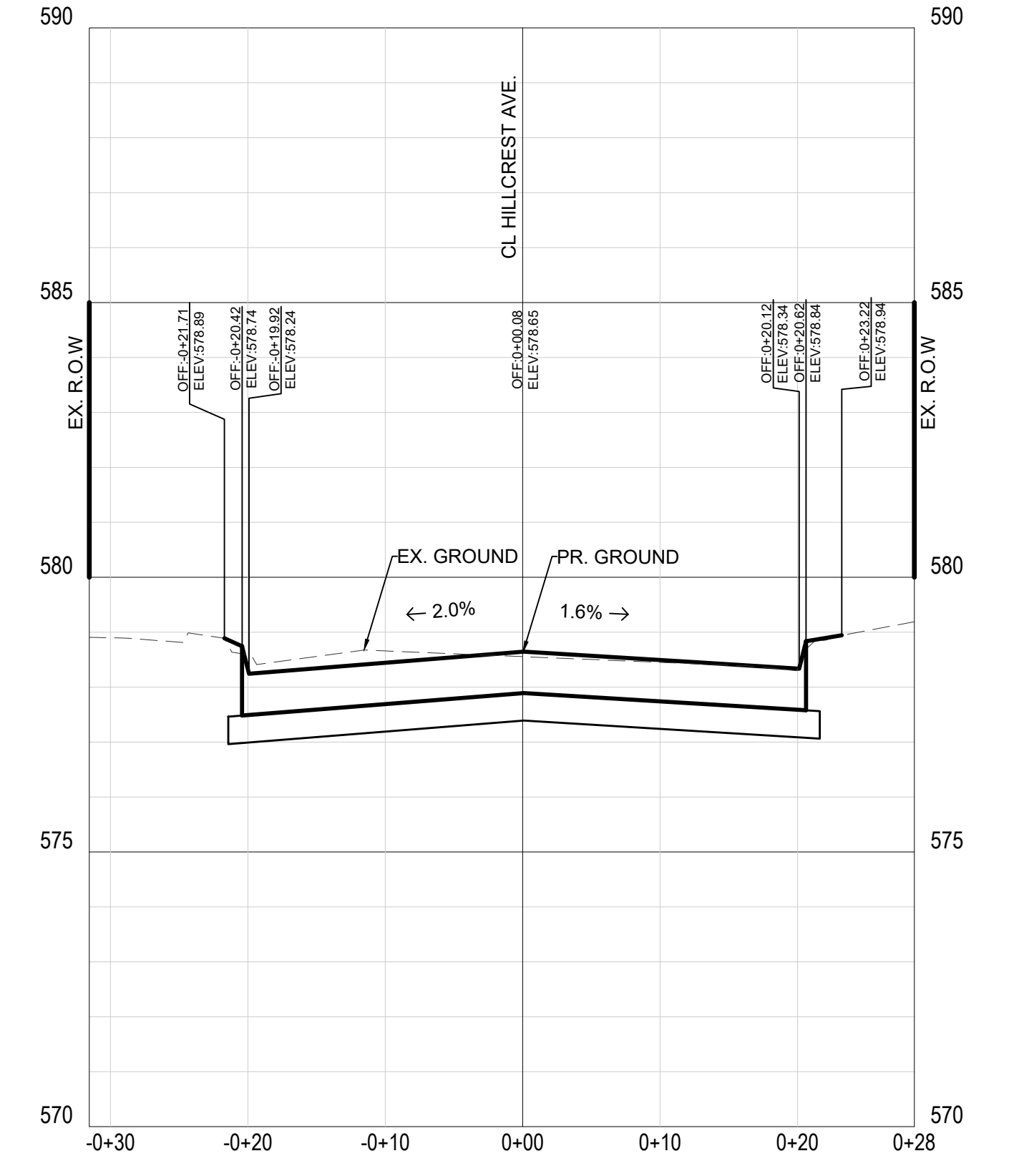
HILLCREST STA 4+92.11
CL DRIVEWAY RT



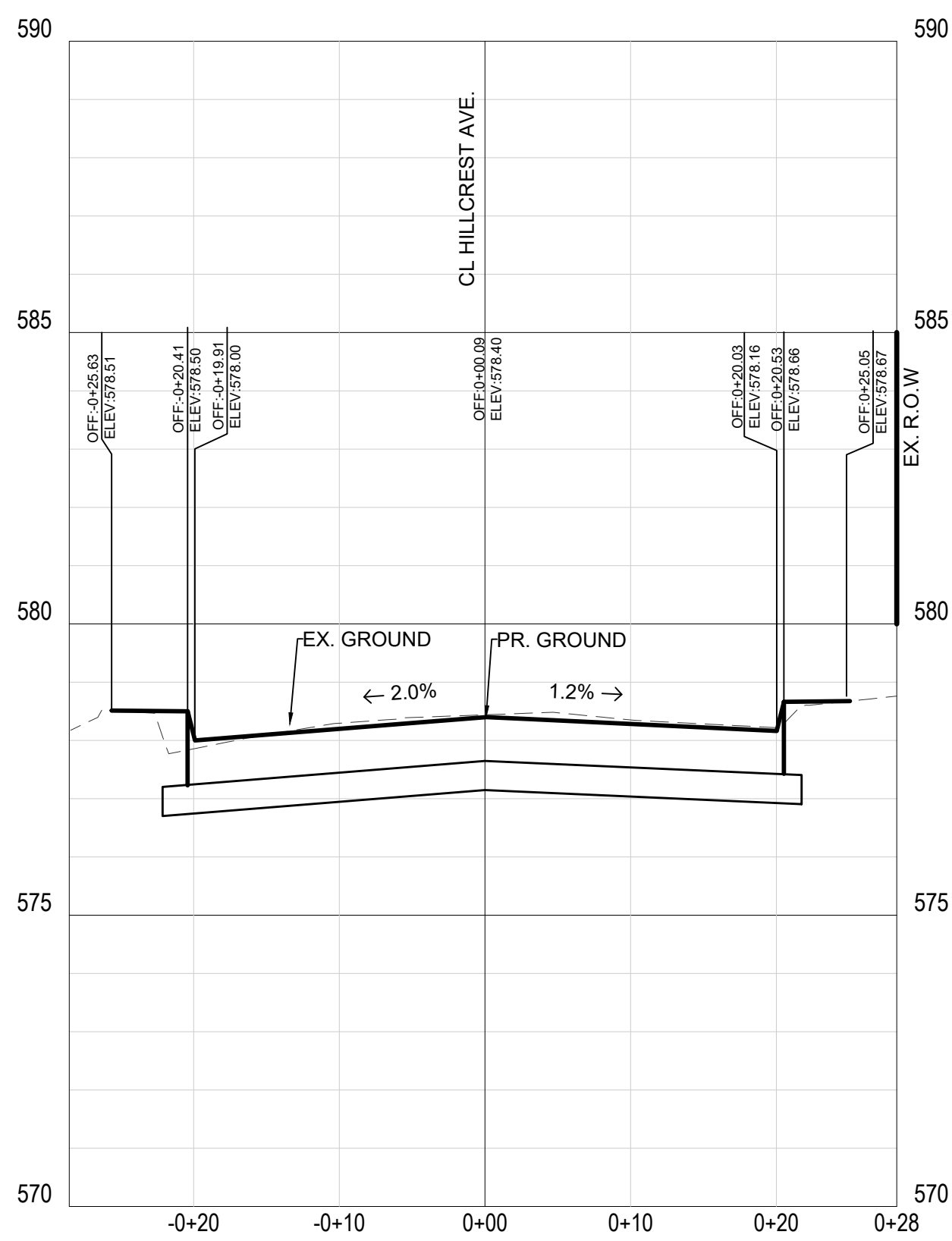
HILLCREST STA 5+25.00



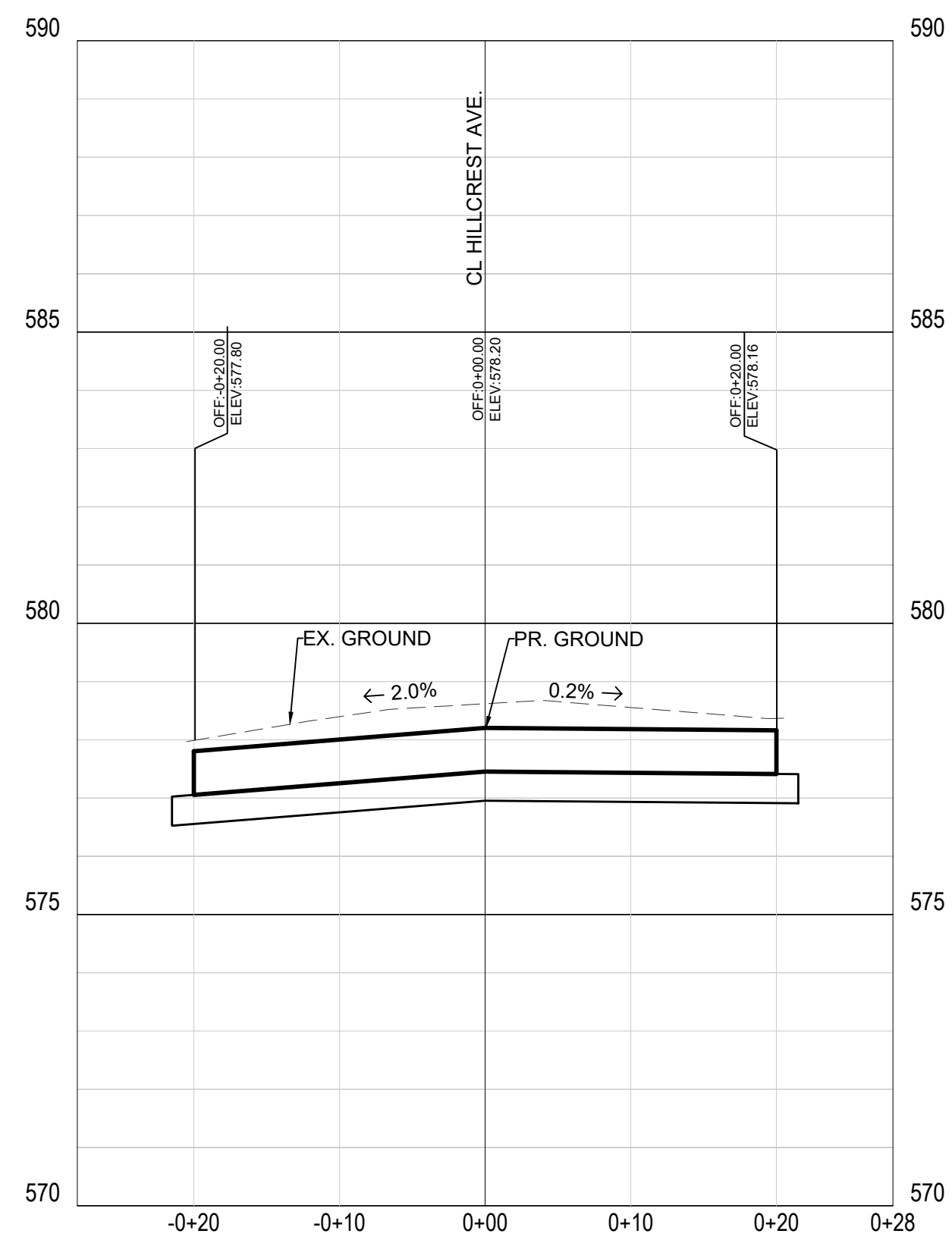
HILLCREST STA 5+75.00



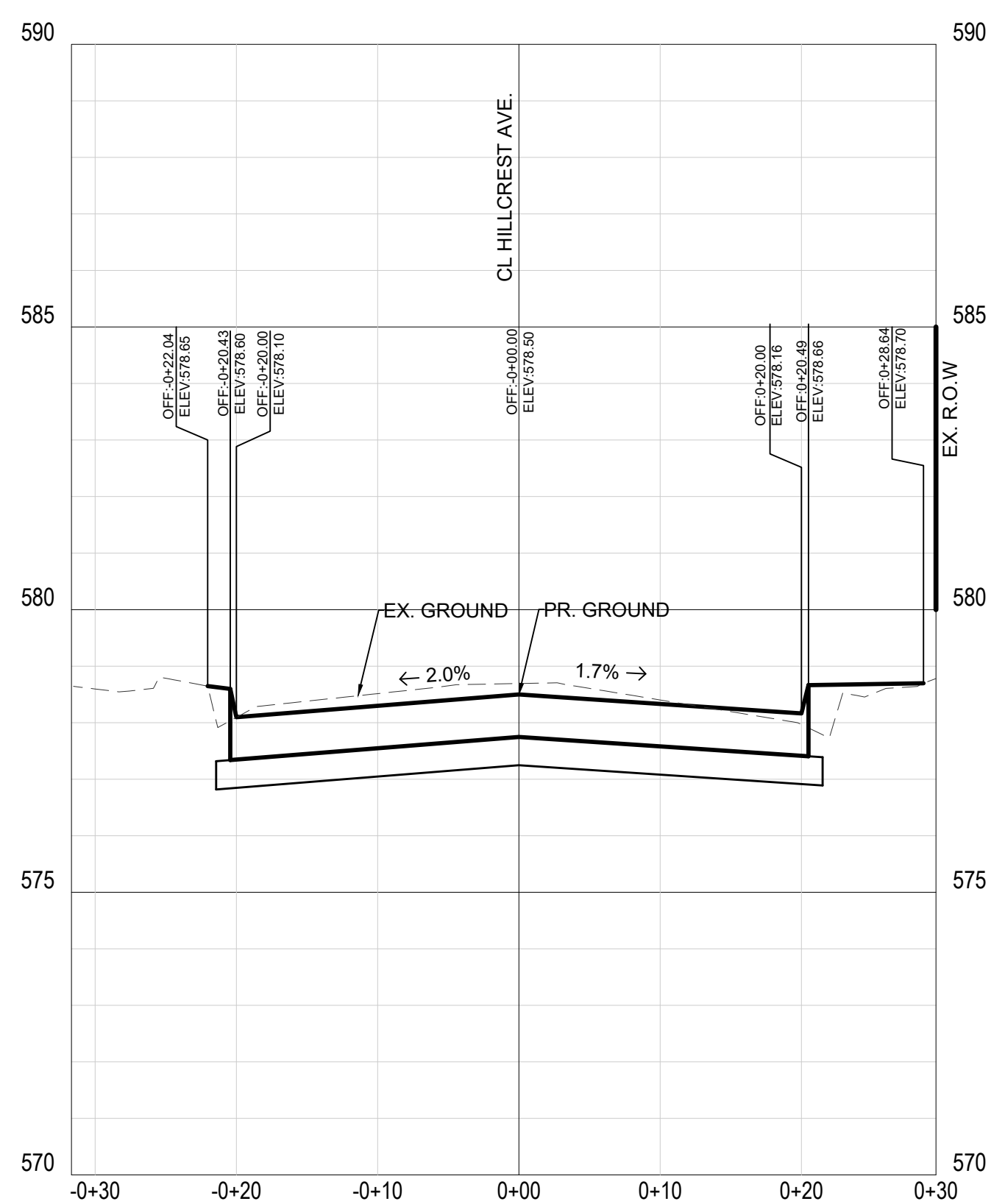
HILLCREST STA 6+25.00



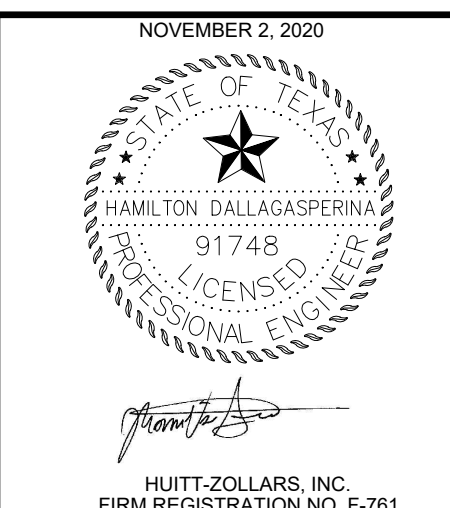
HILLCREST STA 5+00.00



HILLCREST STA 5+50.00



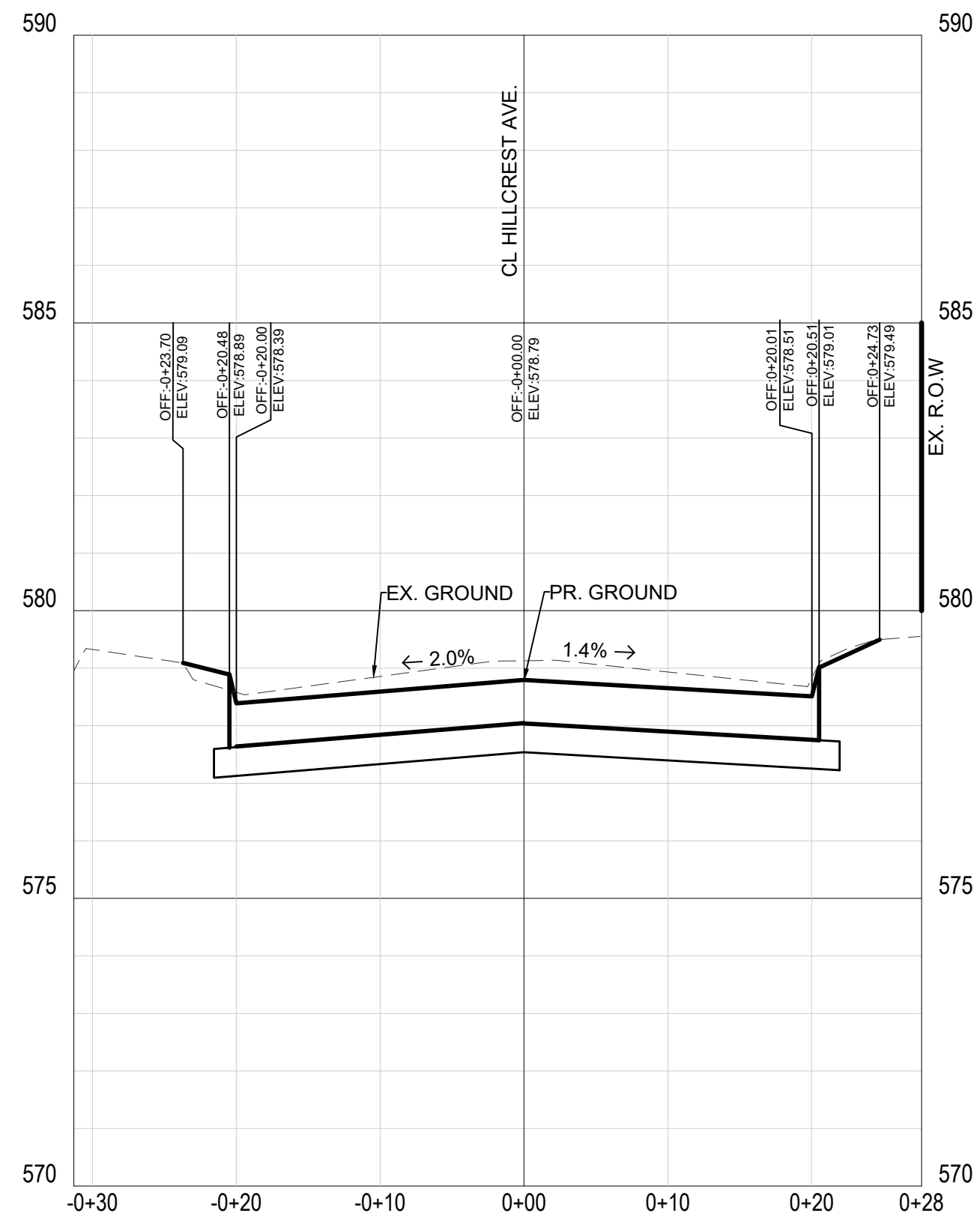
HILLCREST STA 6+00.00



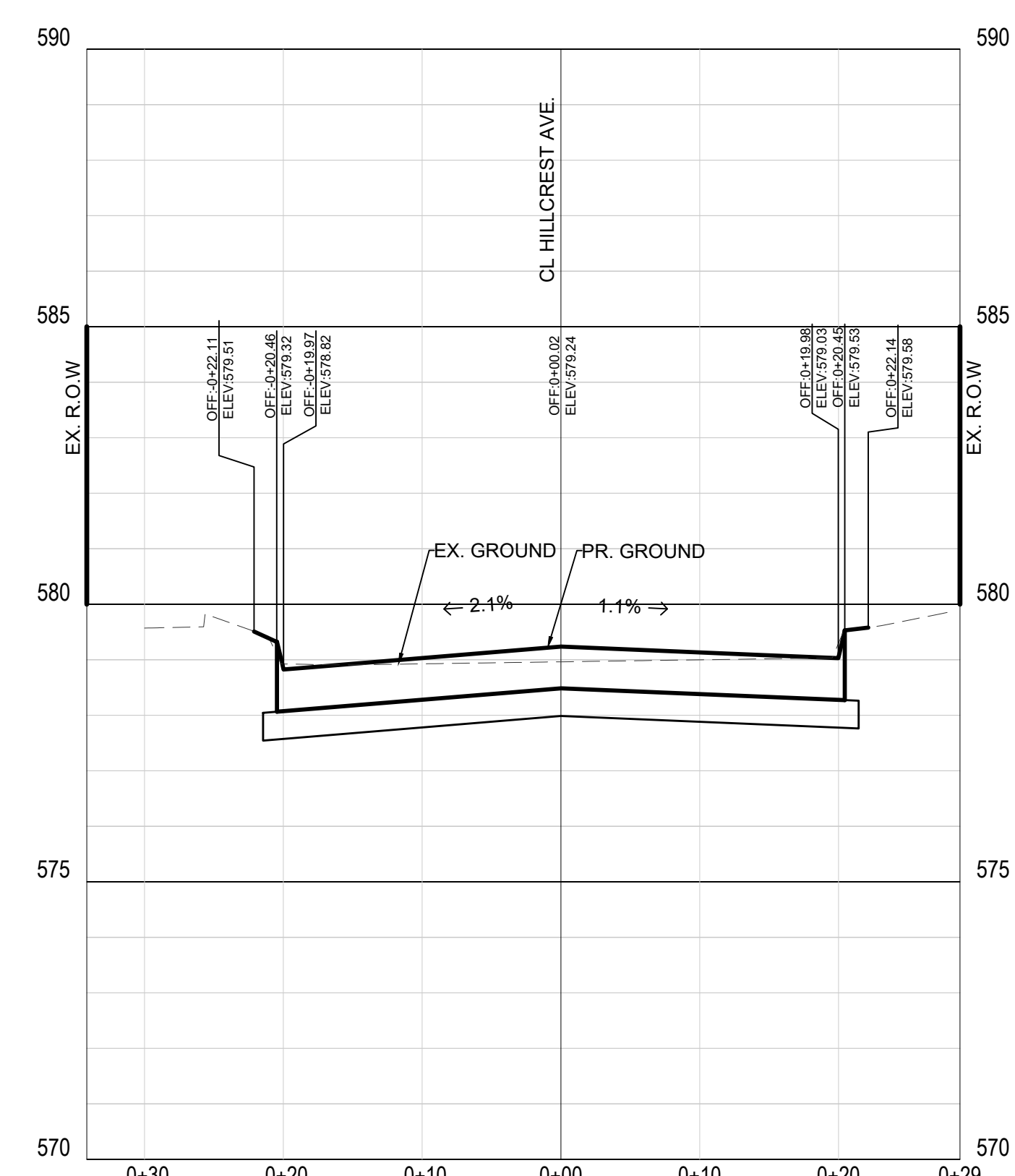
NO.		DATE		REVISIONS		APPROVED	
HILLCREST AVE.							
PAVING CROSS-SECTIONS							
CITY OF UNIVERSITY PARK							
HUITT-ZOLLARS				<small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>			
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET	
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	35	

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

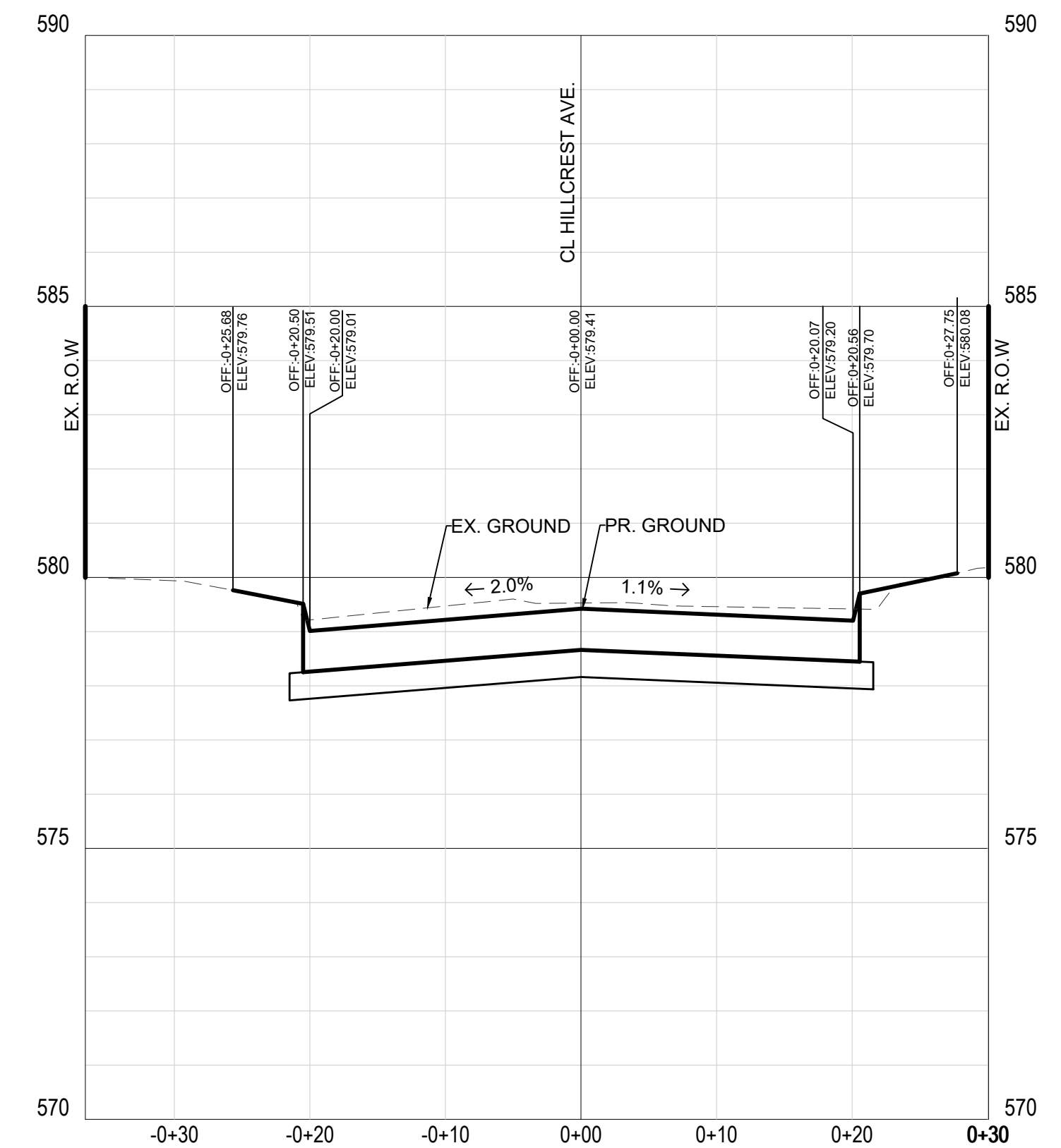
DWG: H:\proj\308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Sheets\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 20, 2020 6:35pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



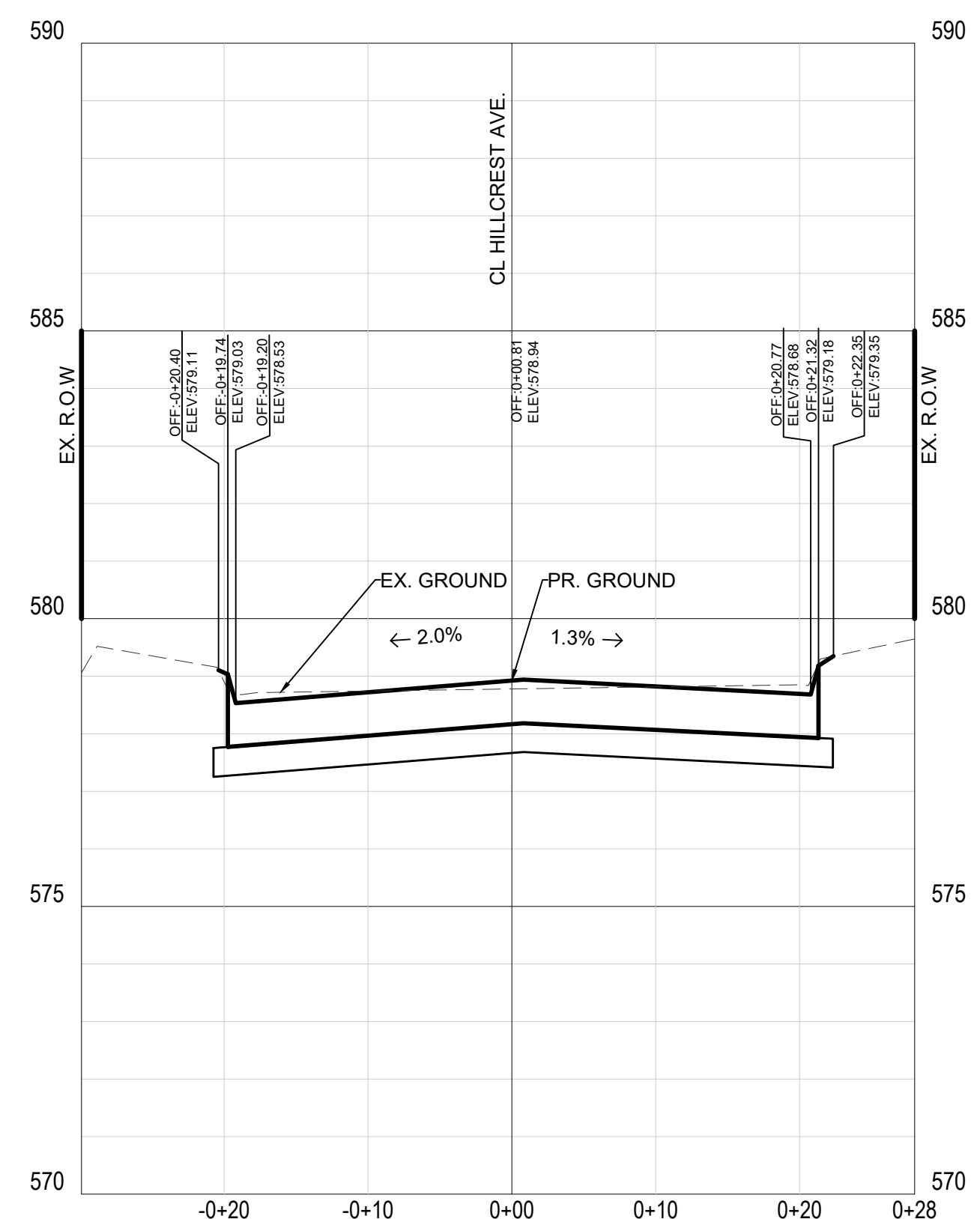
HILLCREST STA 6+50.00



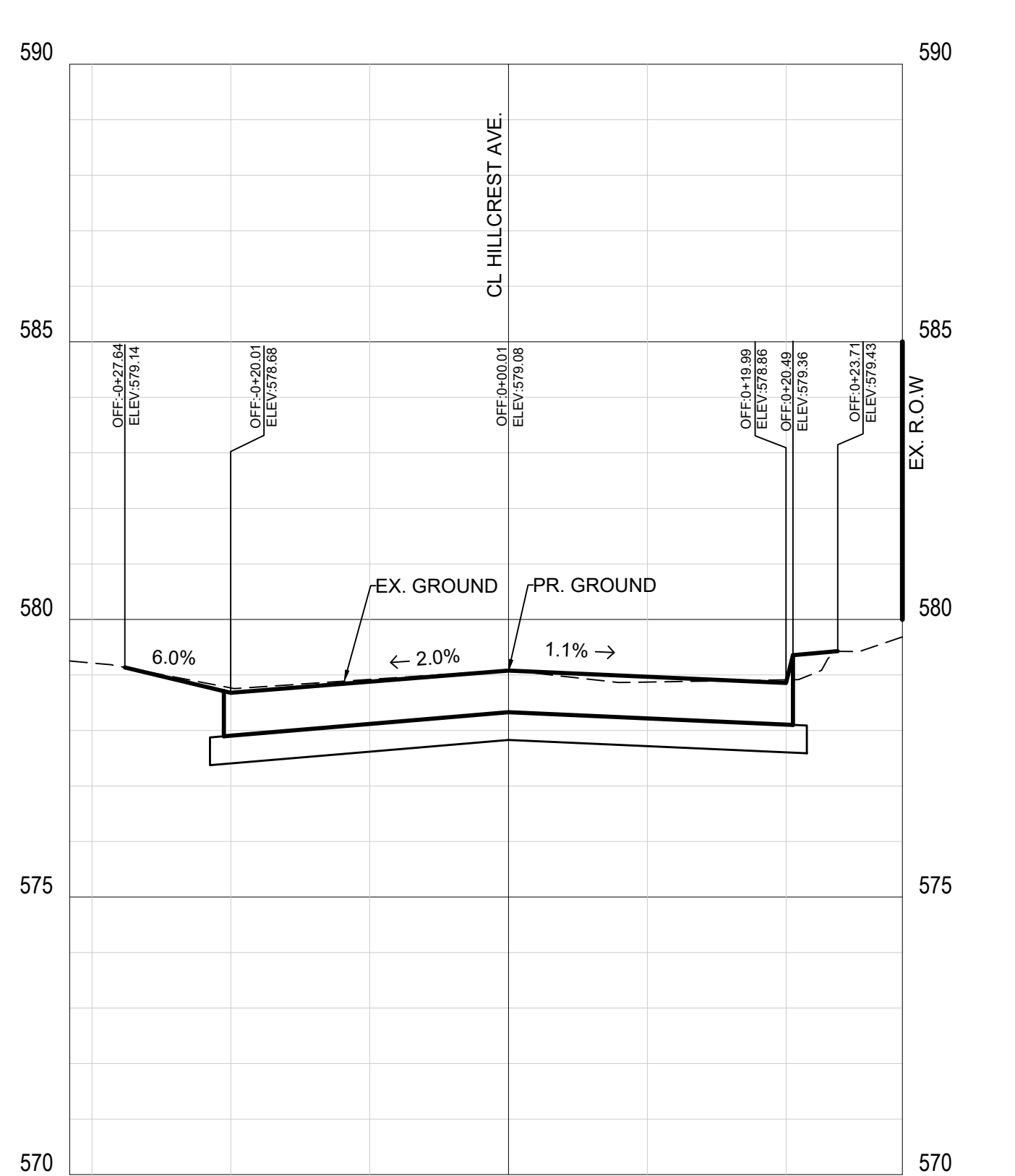
HILLCREST STA 7+25.00



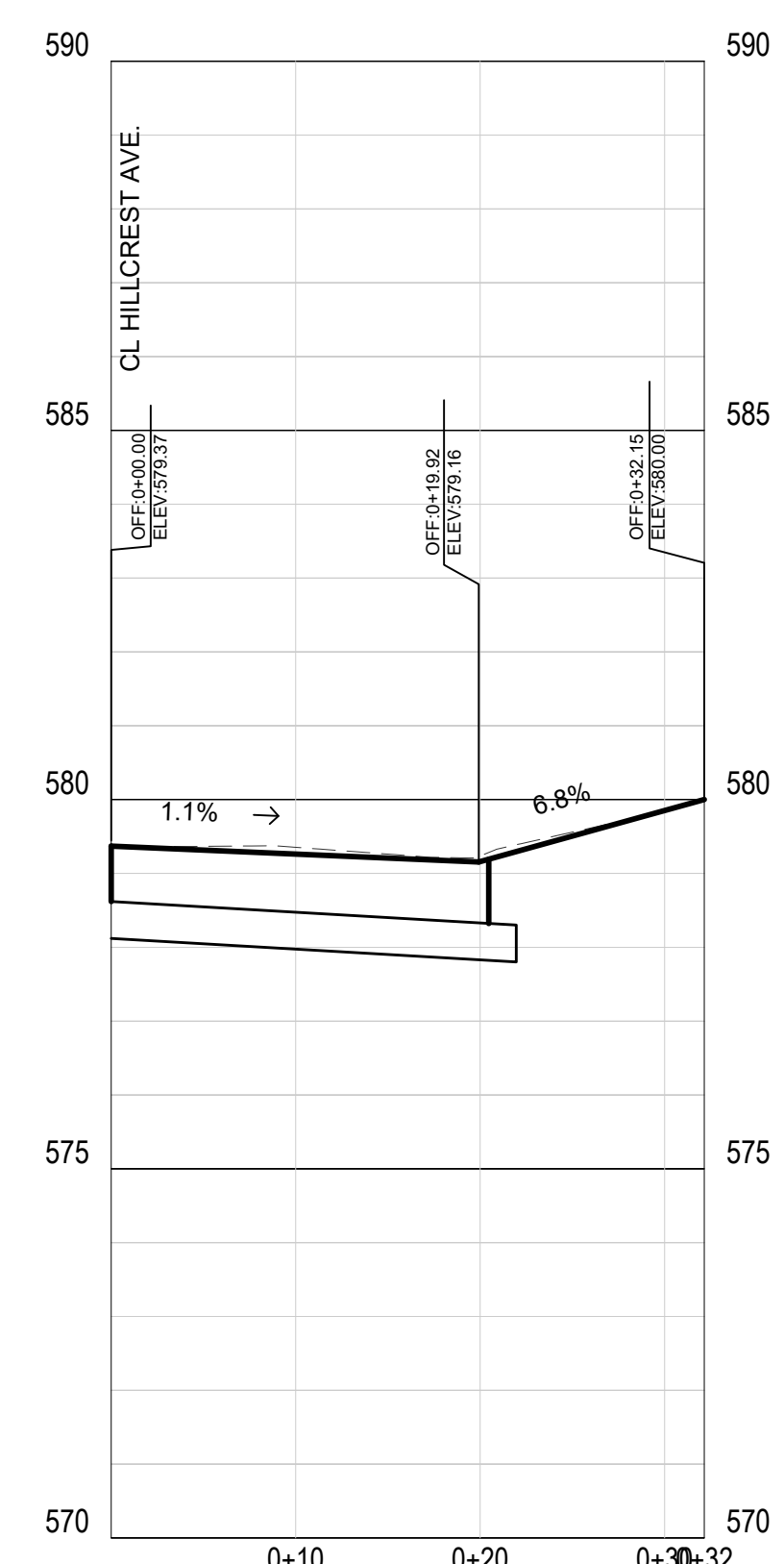
HILLCREST STA 7+50.00



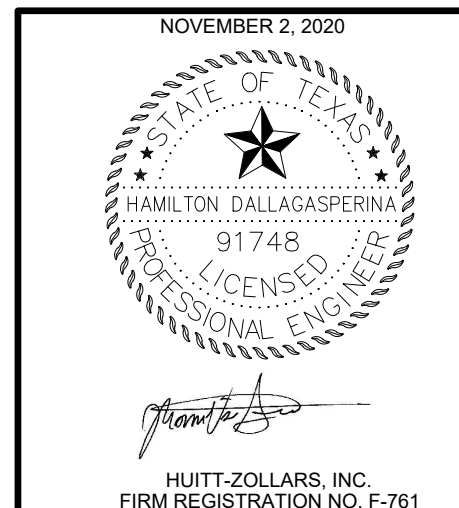
HILLCREST STA 6+75.00



HILLCREST STA 7+00.00
PARK ENTRANCE LT



HILLCREST STA 7+43.37
CL ALLEY RT



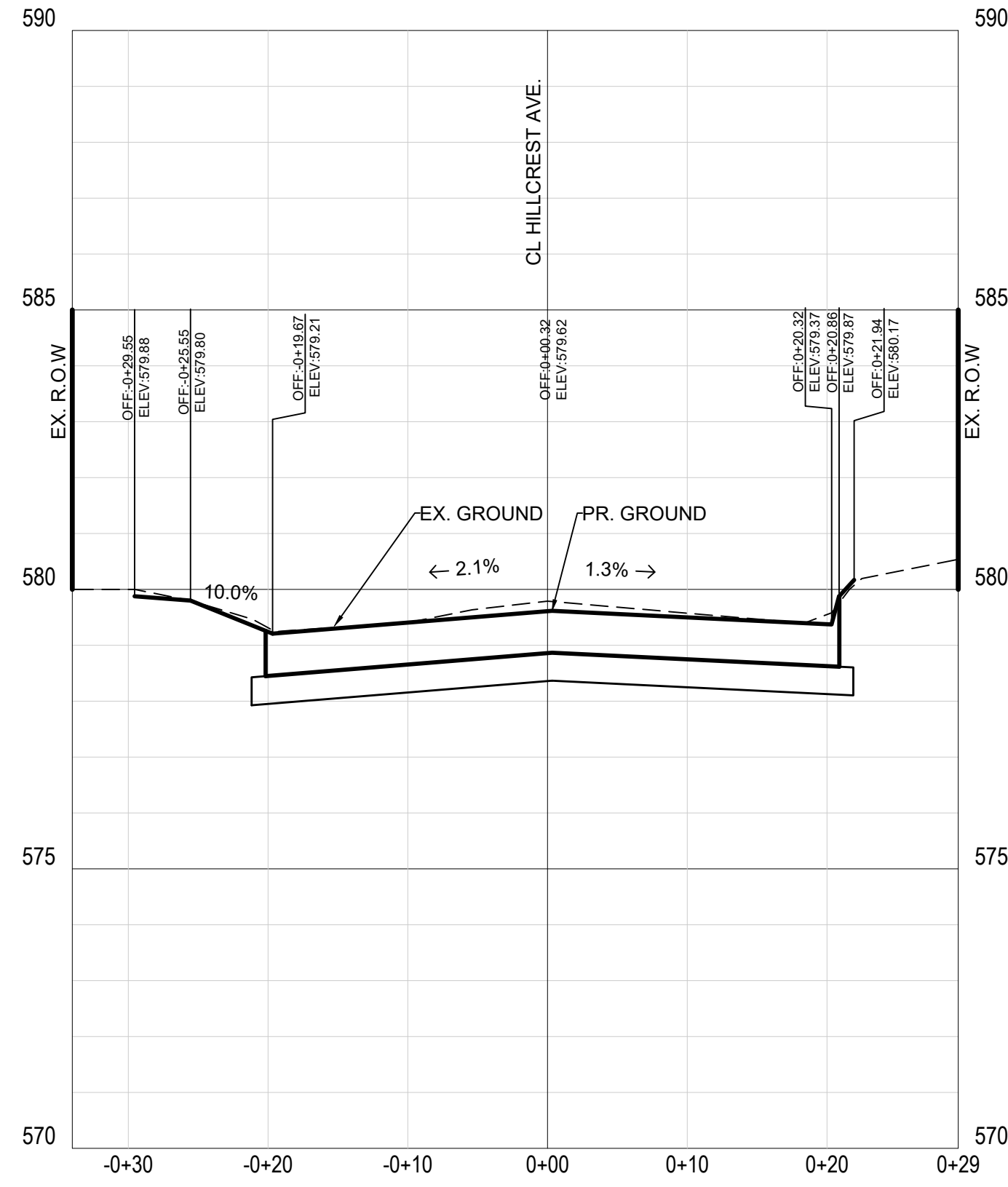
HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

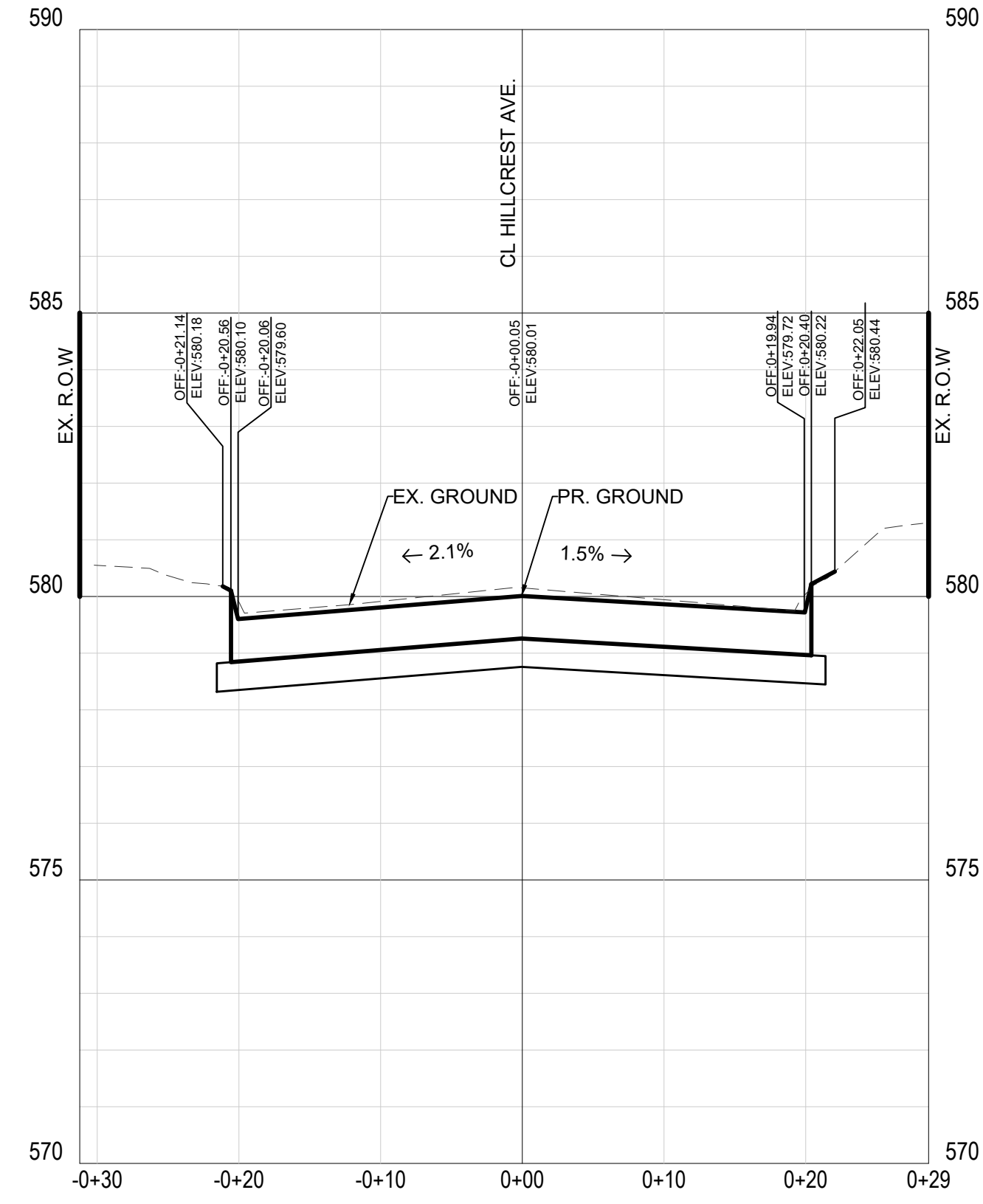
HILLCREST AVE.						
PAVING CROSS-SECTIONS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	36

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

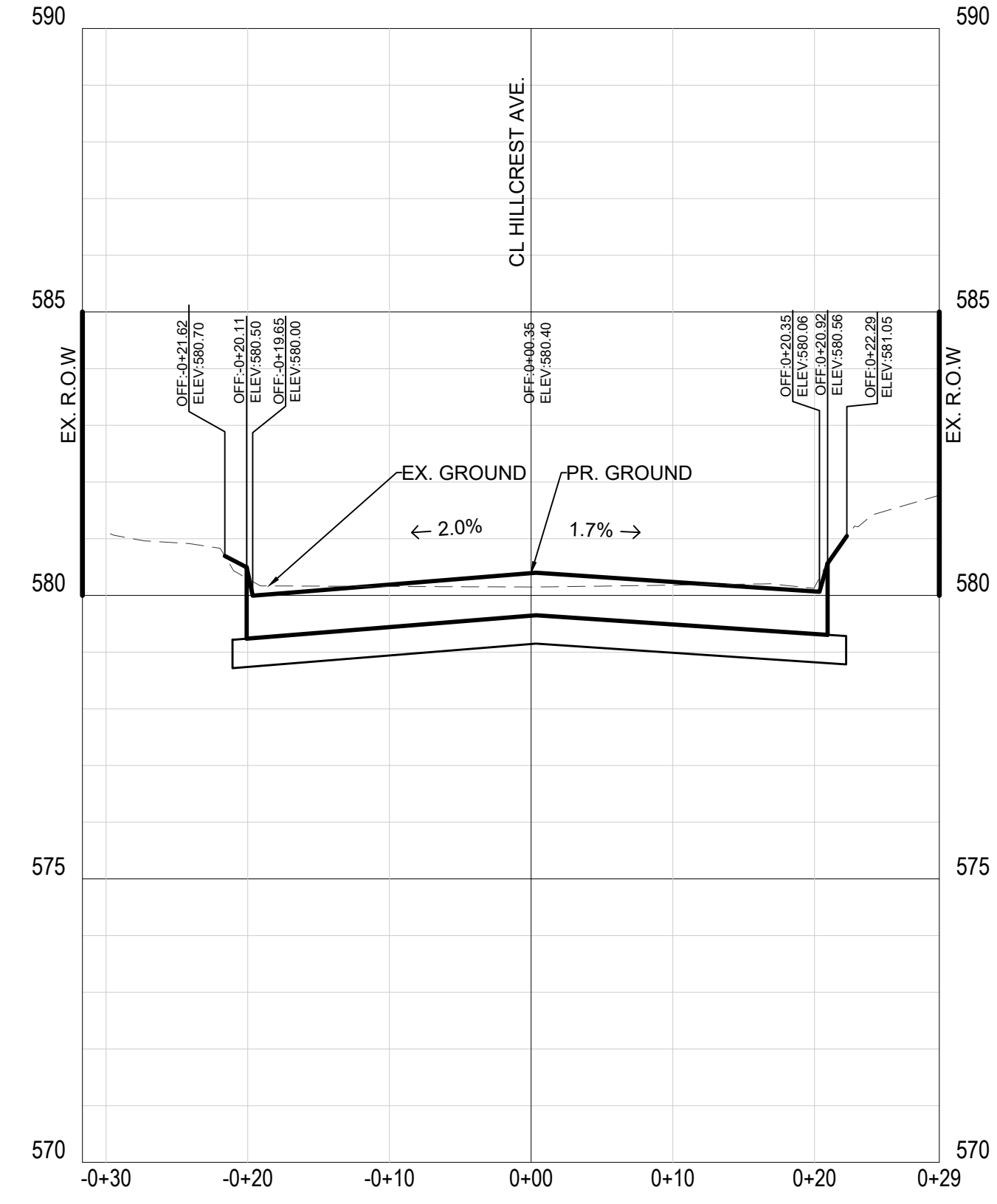
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Sheets\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:33pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



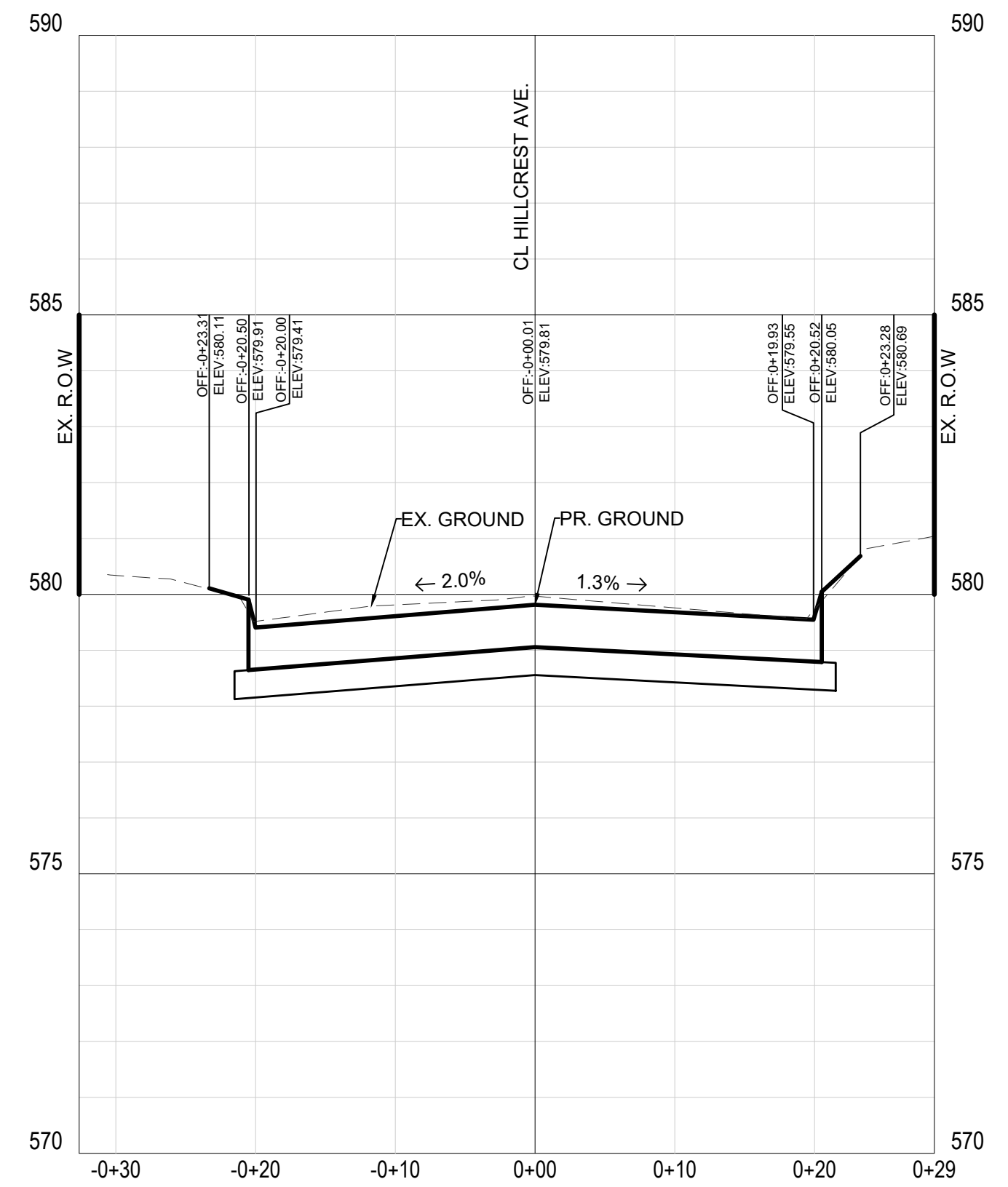
HILLCREST STA 7+75.00
CL DRIVEWAY LT



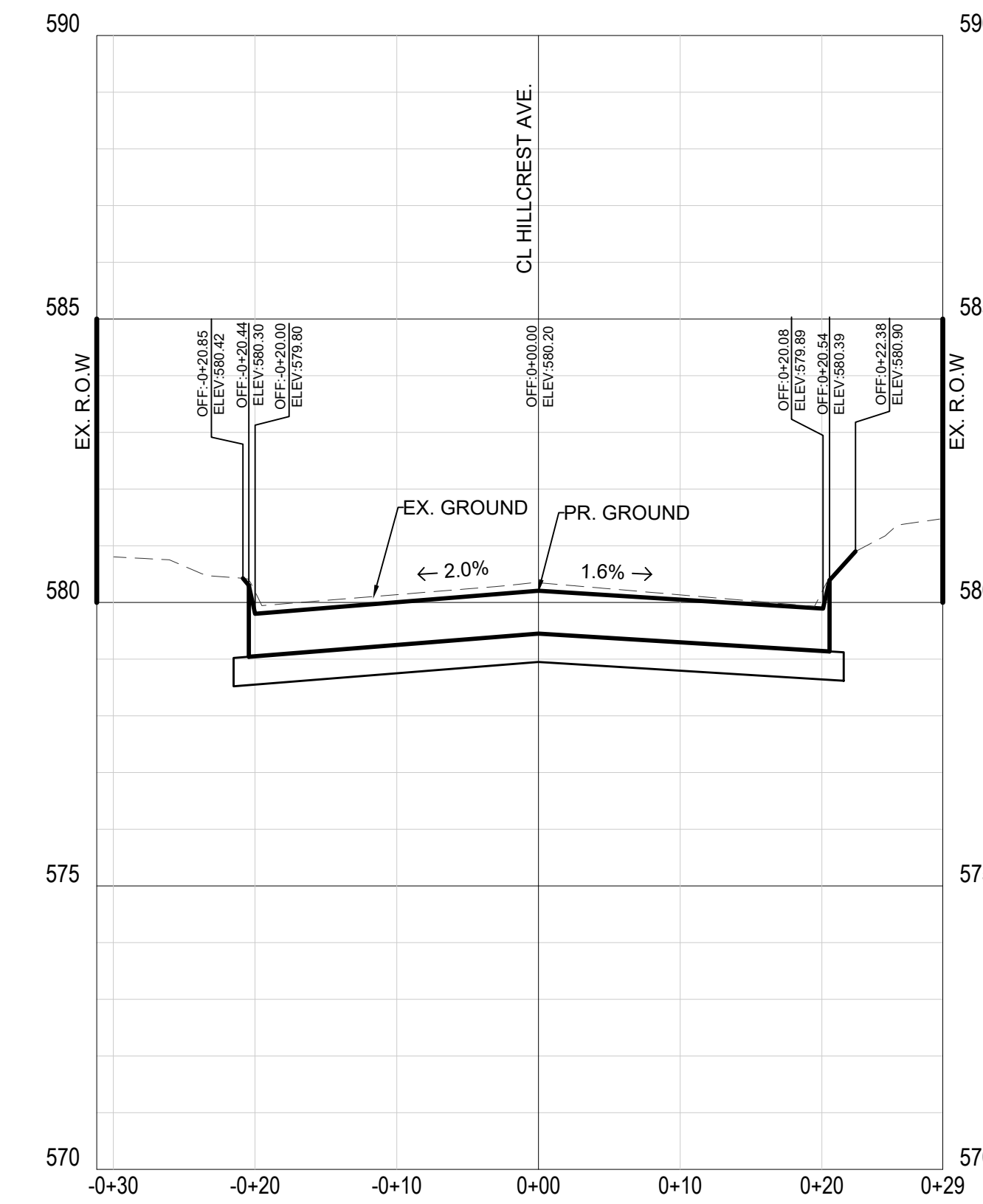
HILLCREST STA 8+25.00



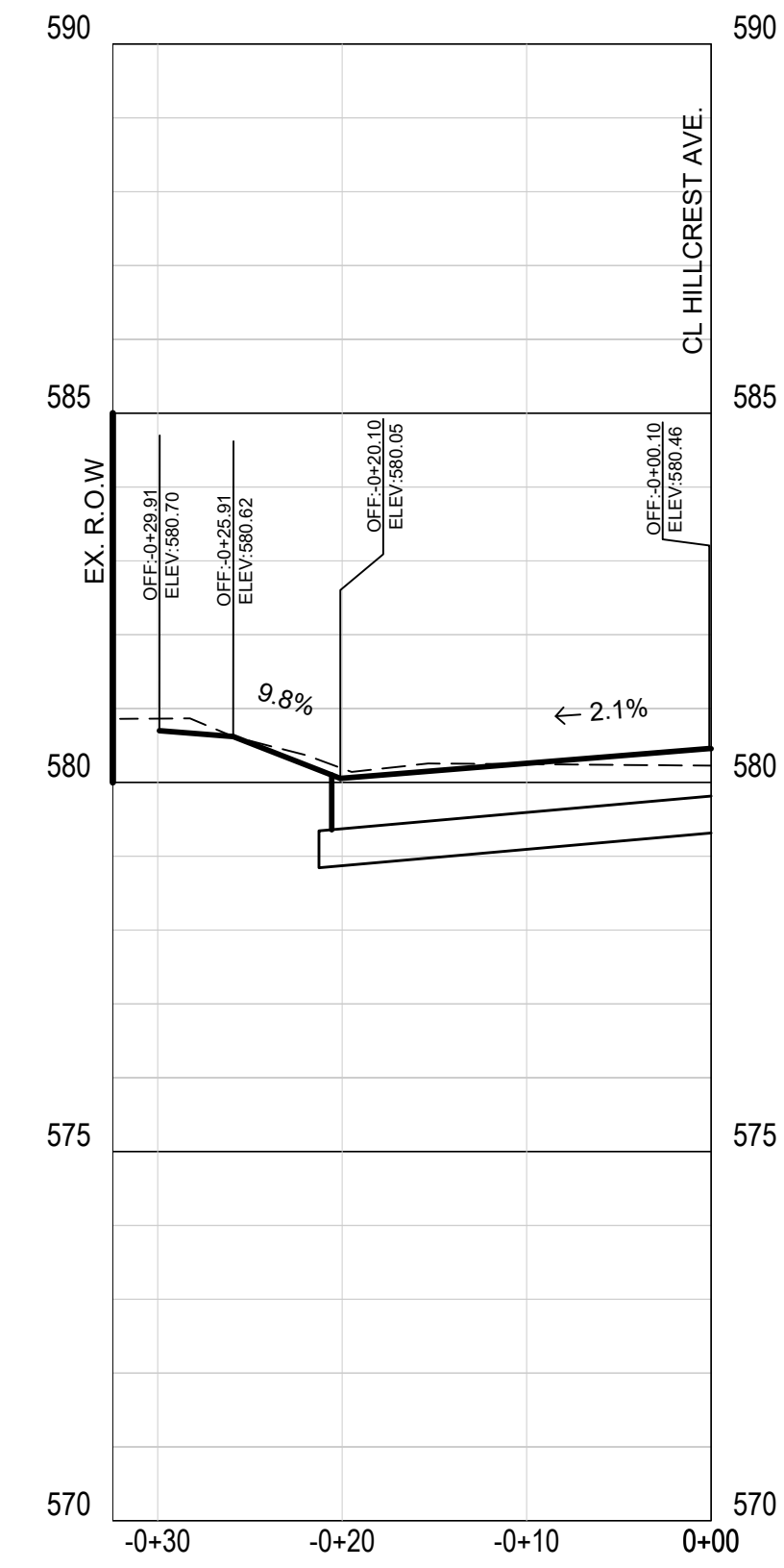
HILLCREST STA 8+75.00



HILLCREST STA 8+00.00



HILLCREST STA 8+50.00



HILLCREST STA 8+82.21
CL DRIVEWAY LT



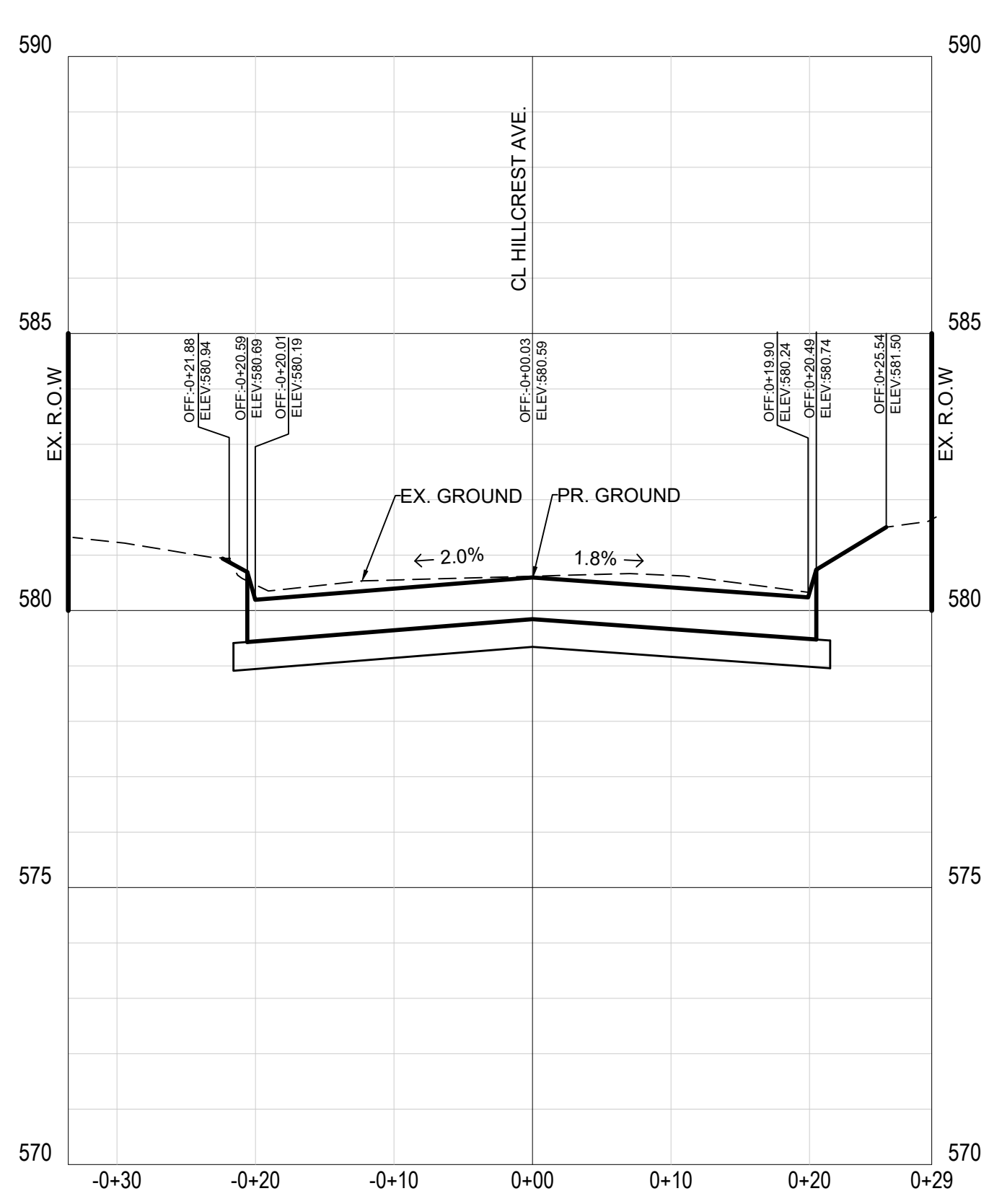
HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

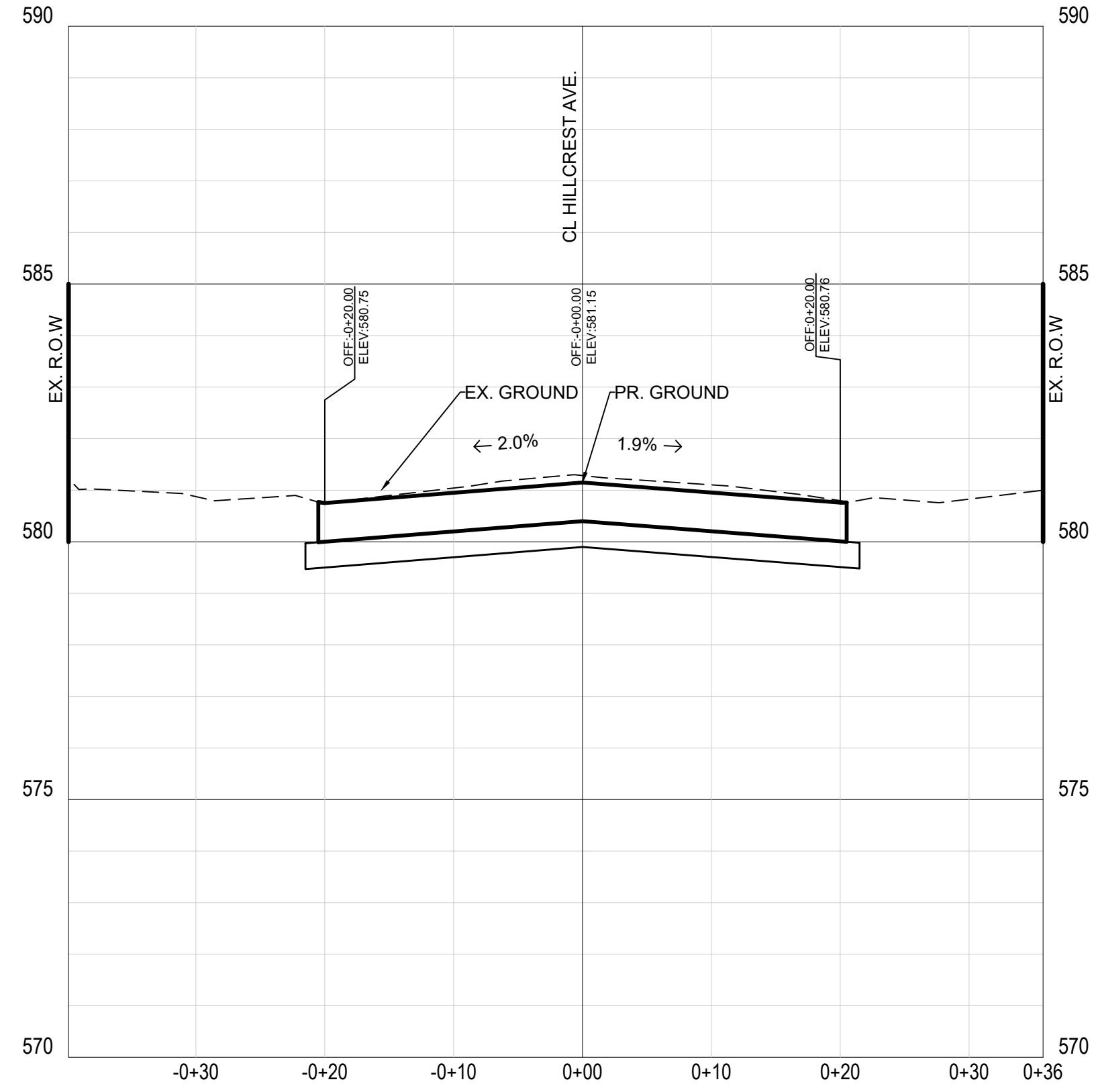
HILLCREST AVE.						
PAVING CROSS-SECTIONS						
CITY OF UNIVERSITY PARK						
 Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757 						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	37

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

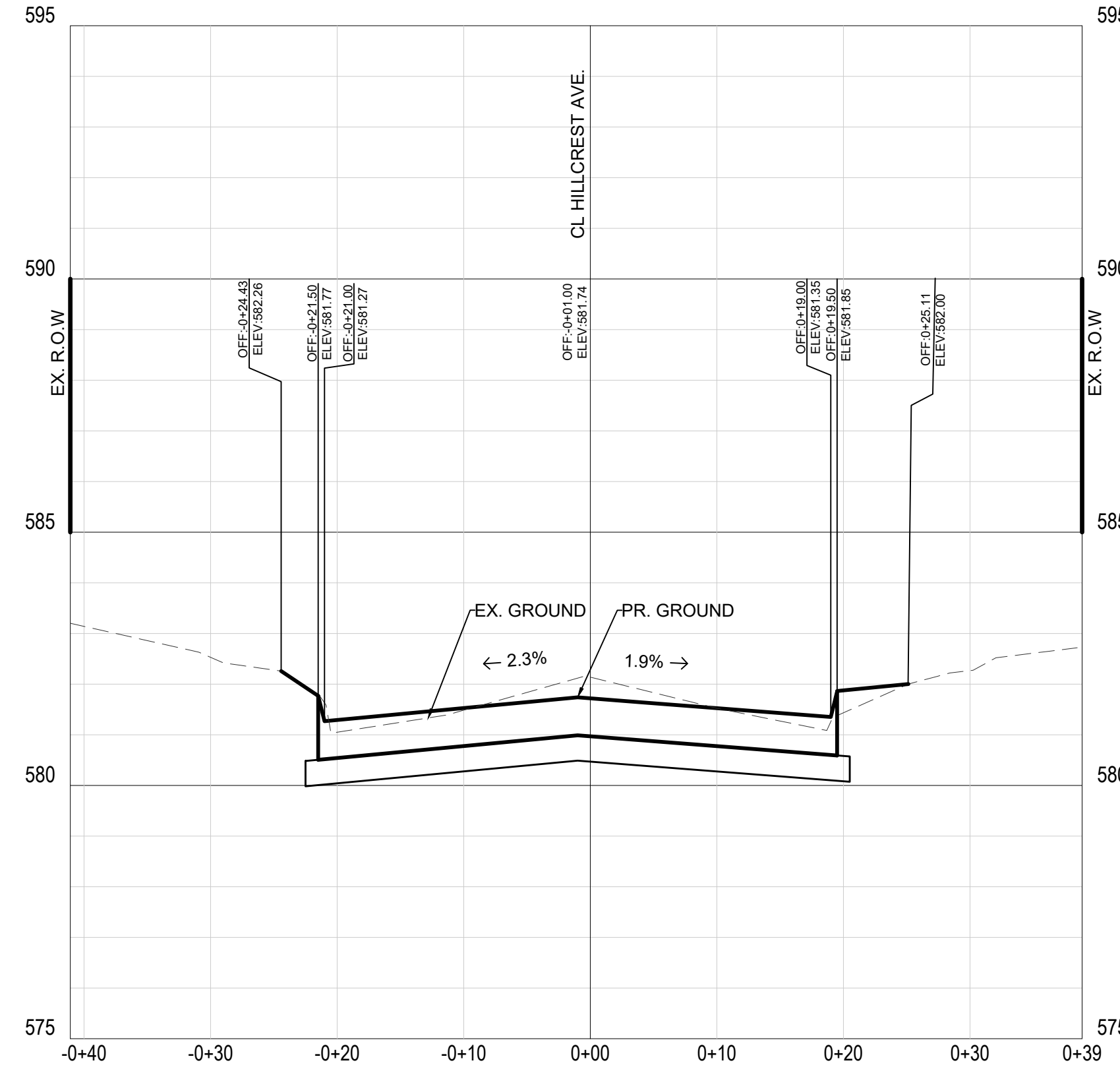
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Sheets\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:33pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



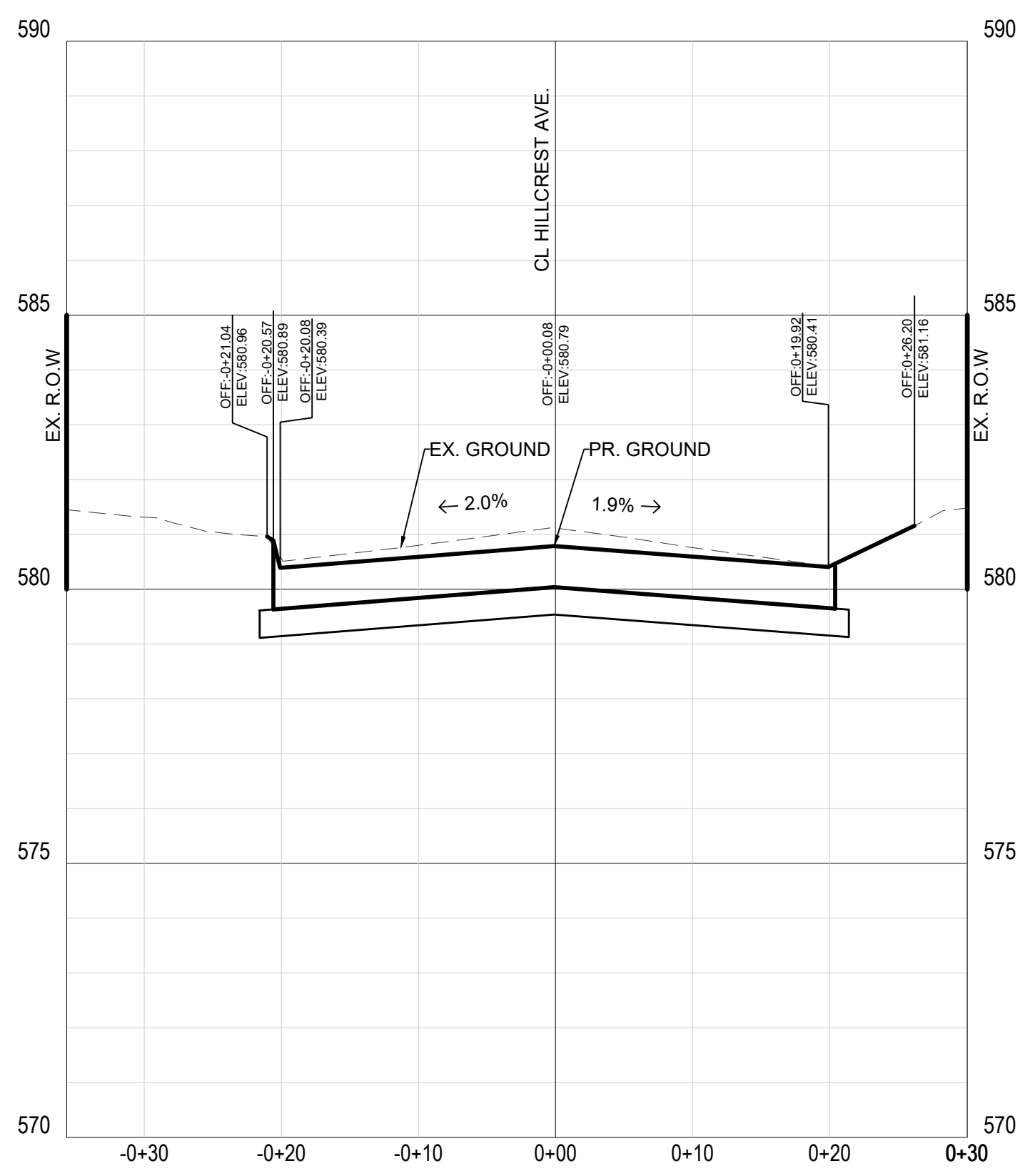
HILLCREST STA 9+00.00



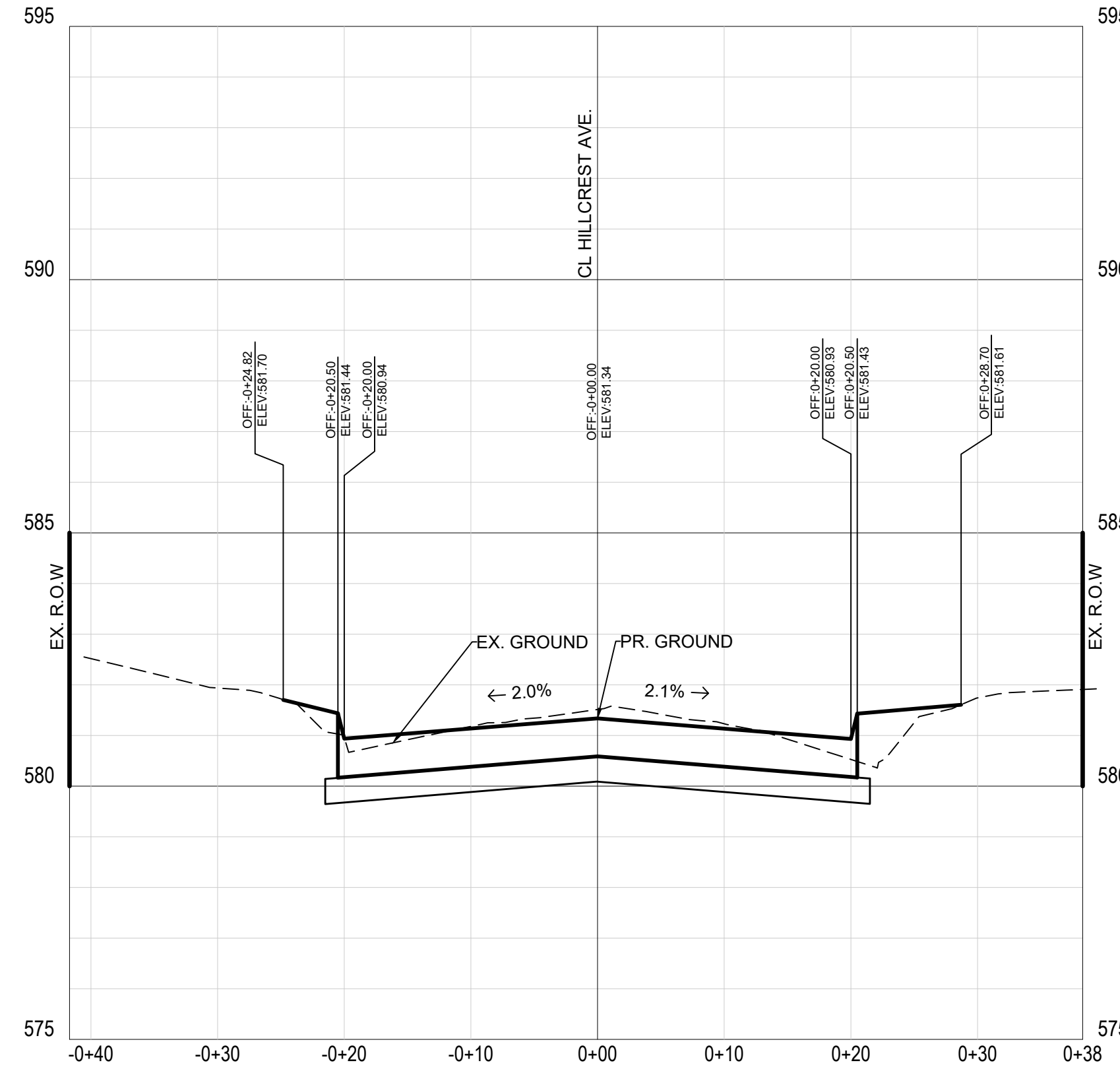
HILLCREST STA 9+75.00



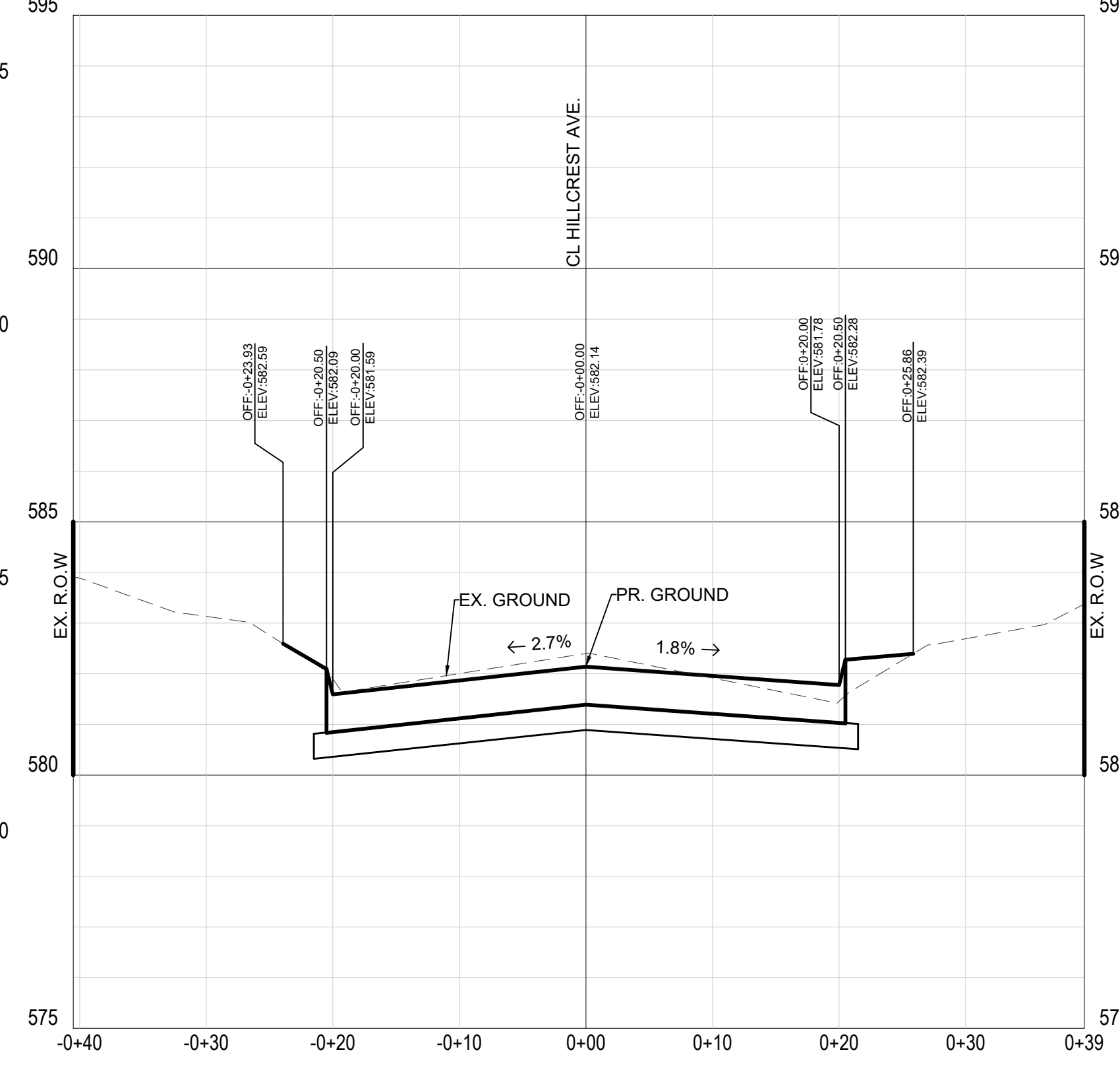
HILLCREST STA 10+25.00



HILLCREST STA 9+25.00



HILLCREST STA 10+00.00



HILLCREST STA 10+50.00

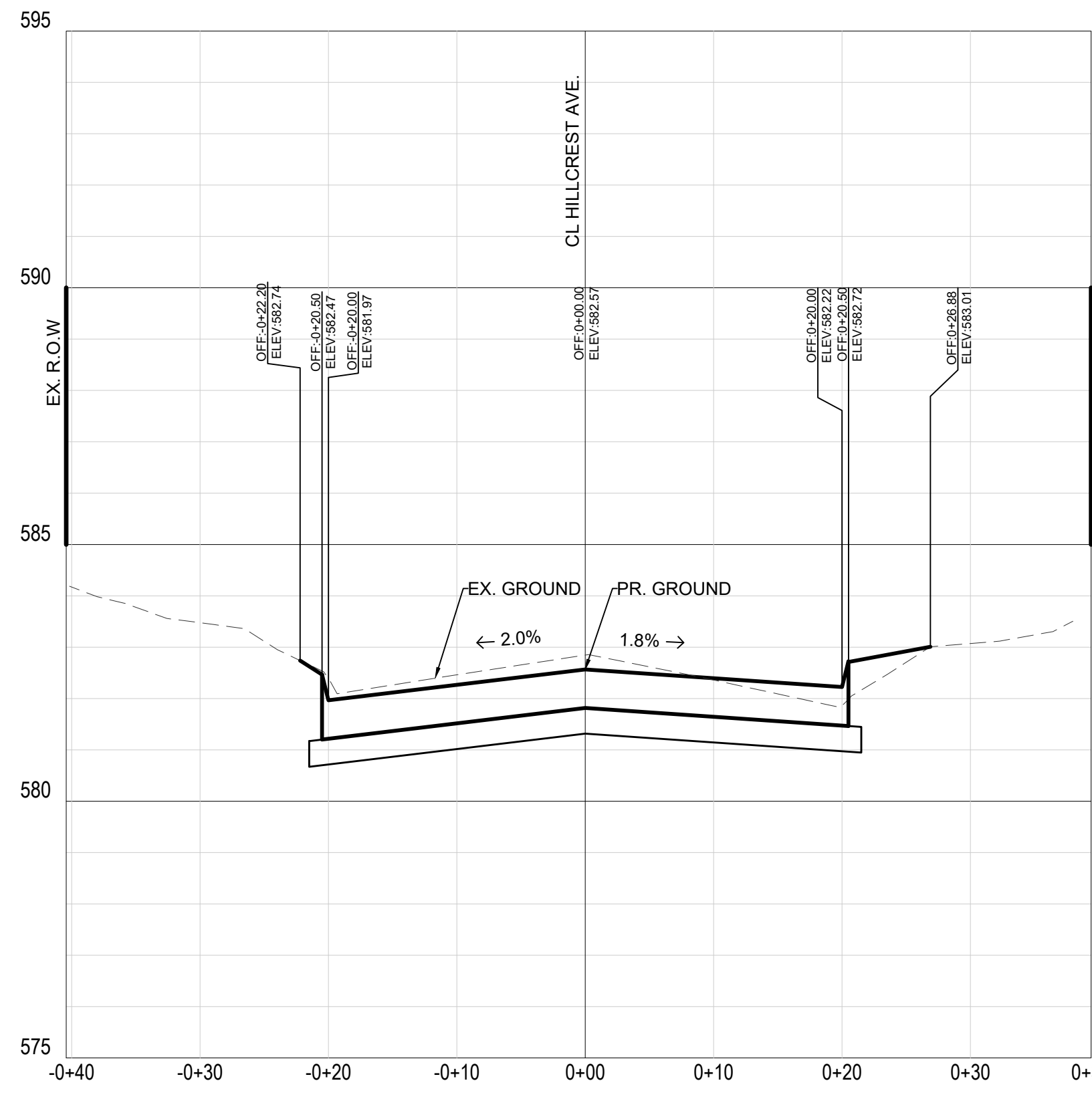


NO.	DATE	REVISIONS	APPROVED

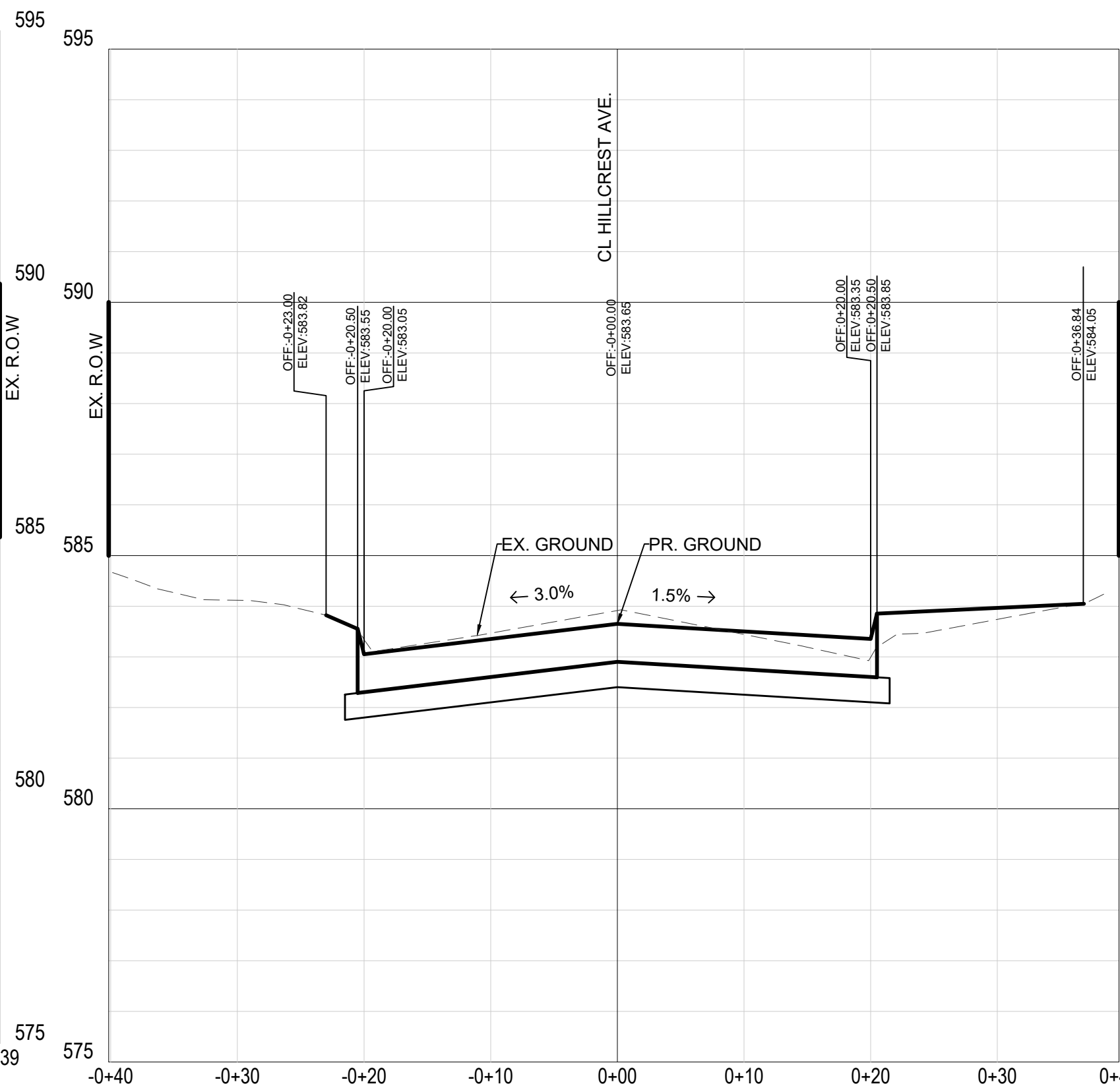
HILLCREST AVE.						
PAVING CROSS-SECTIONS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	38

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

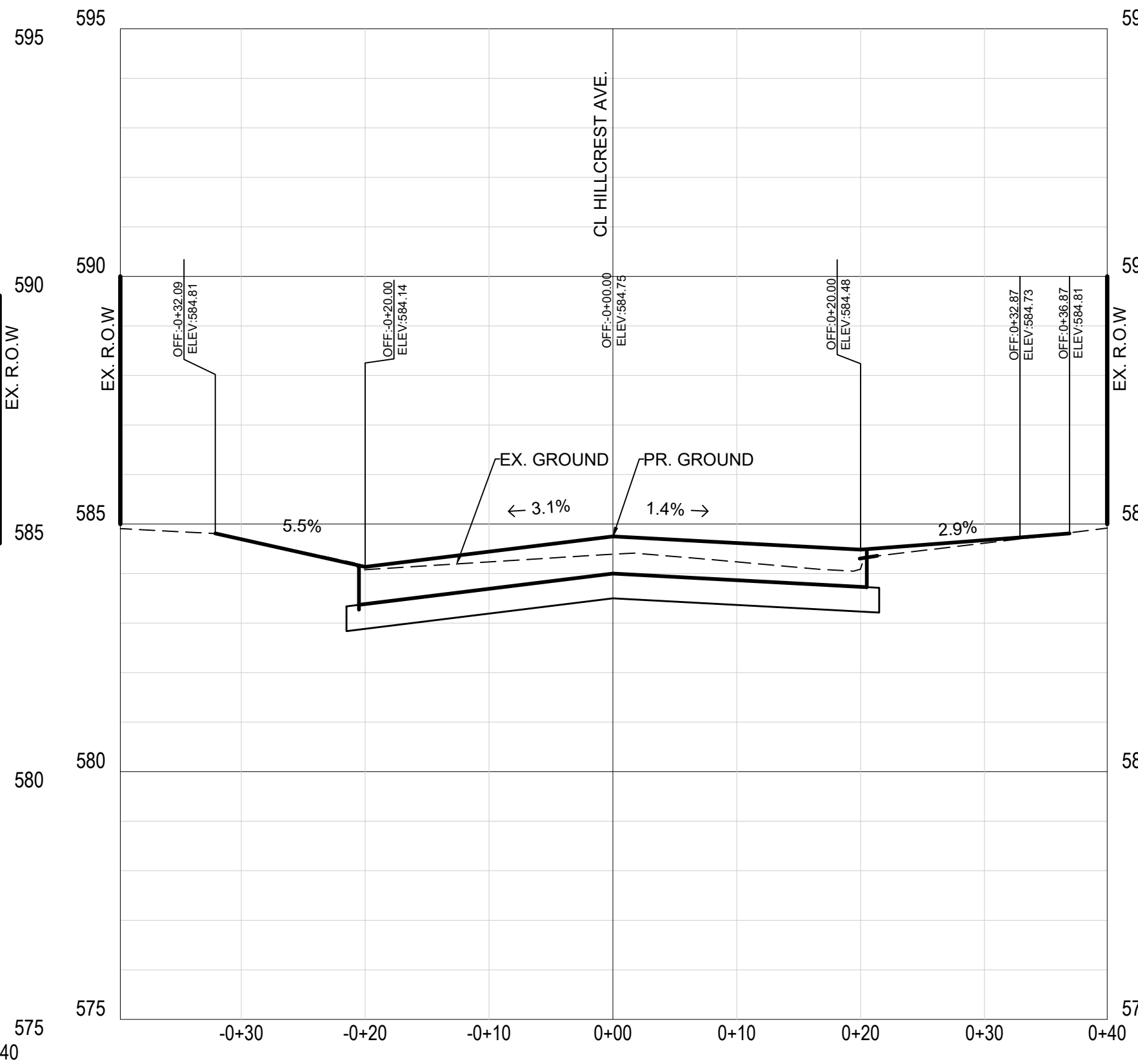
DWG: H:\proj\308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Sheets\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:34pm XREFS: Border 22 X 34 Base Cross Section Base Cross Section - Copy USER: aramirez



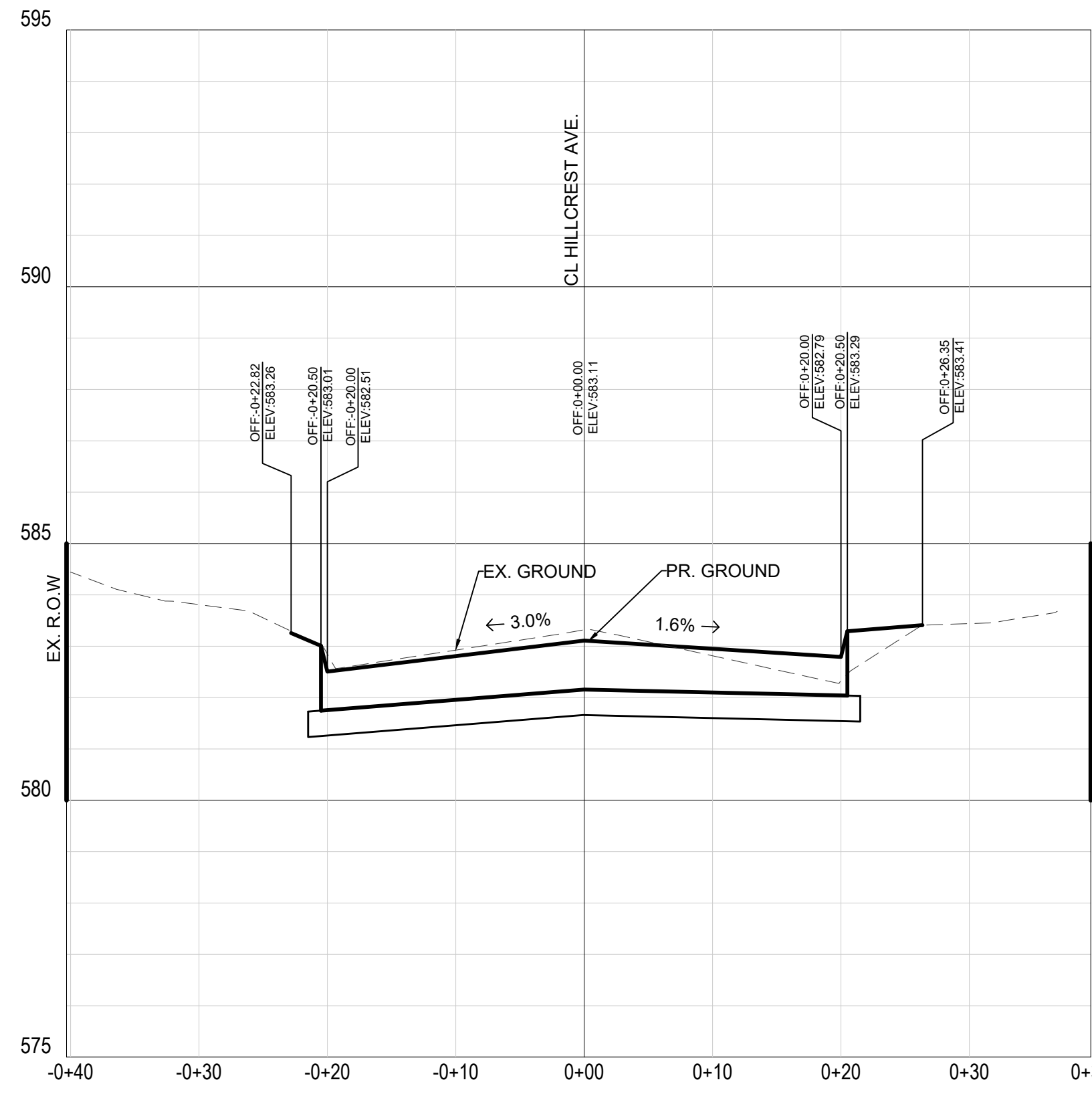
HILLCREST STA 10+75.00



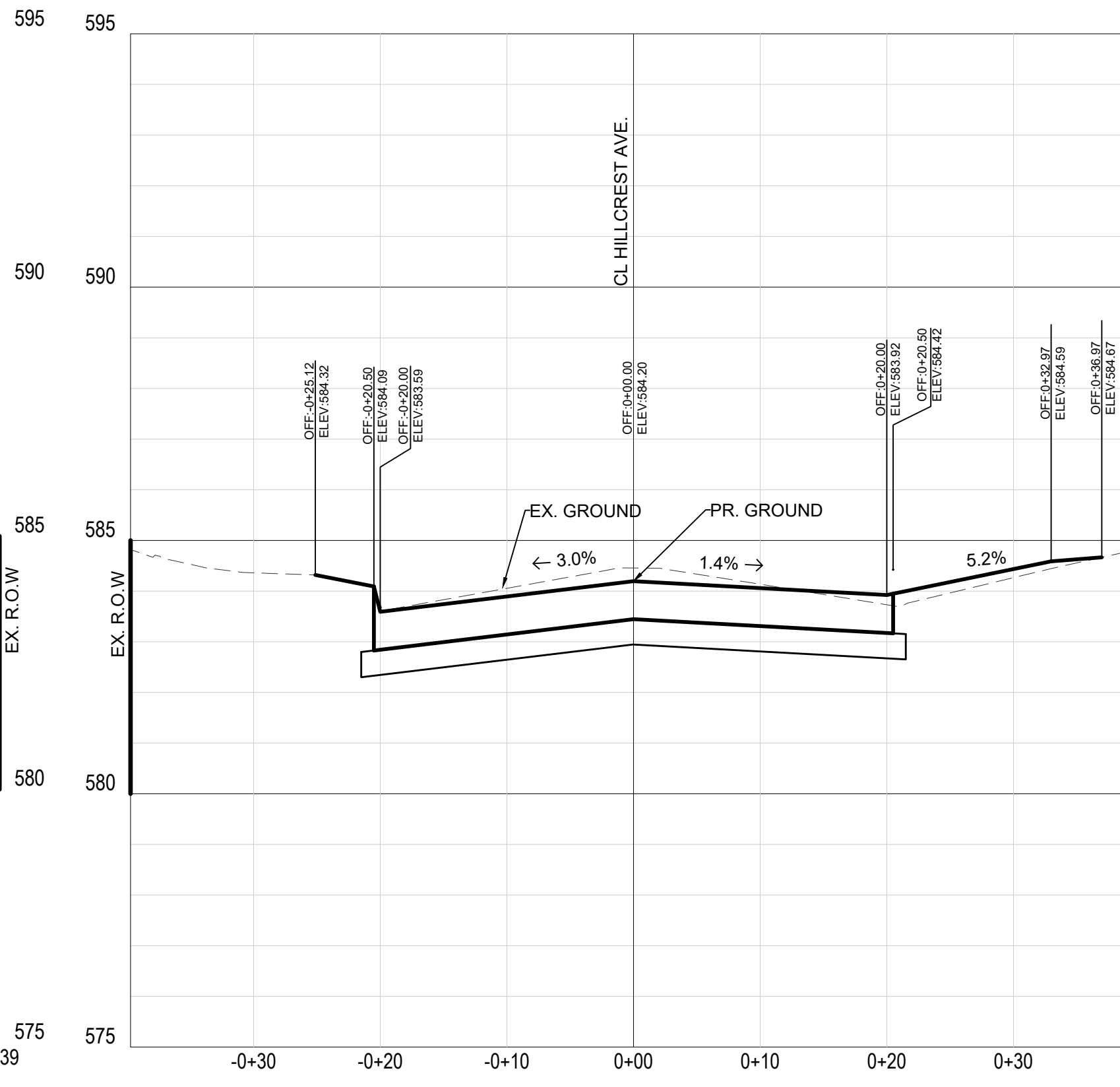
HILLCREST STA 11+25.00



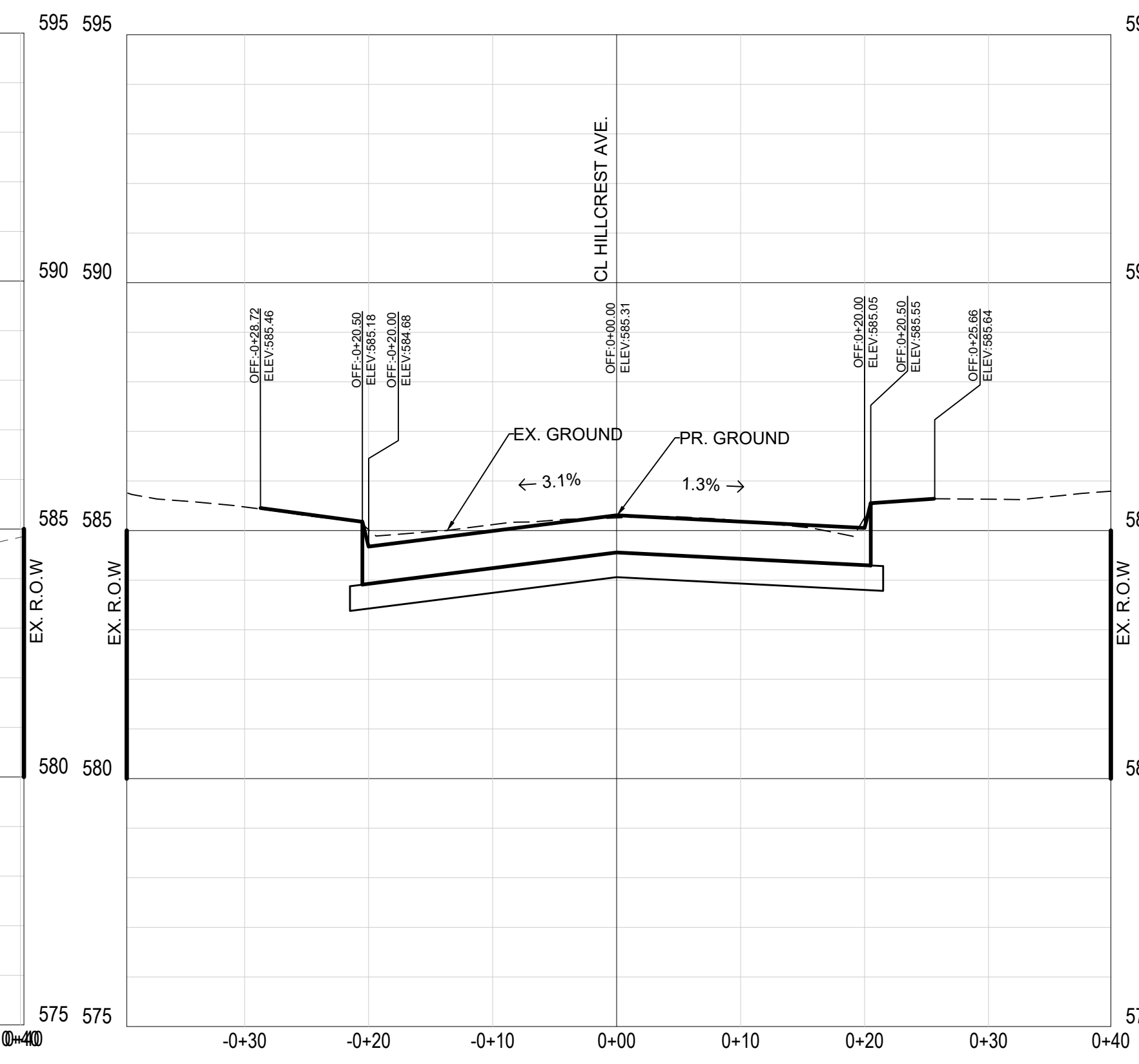
HILLCREST STA 11+75.00
CL ALLEY LT & RT



HILLCREST STA 11+00.00



HILLCREST STA 11+50.00
CL DRIVEWAY RT



HILLCREST STA 12+00.00



NO.	DATE	REVISIONS	APPROVED

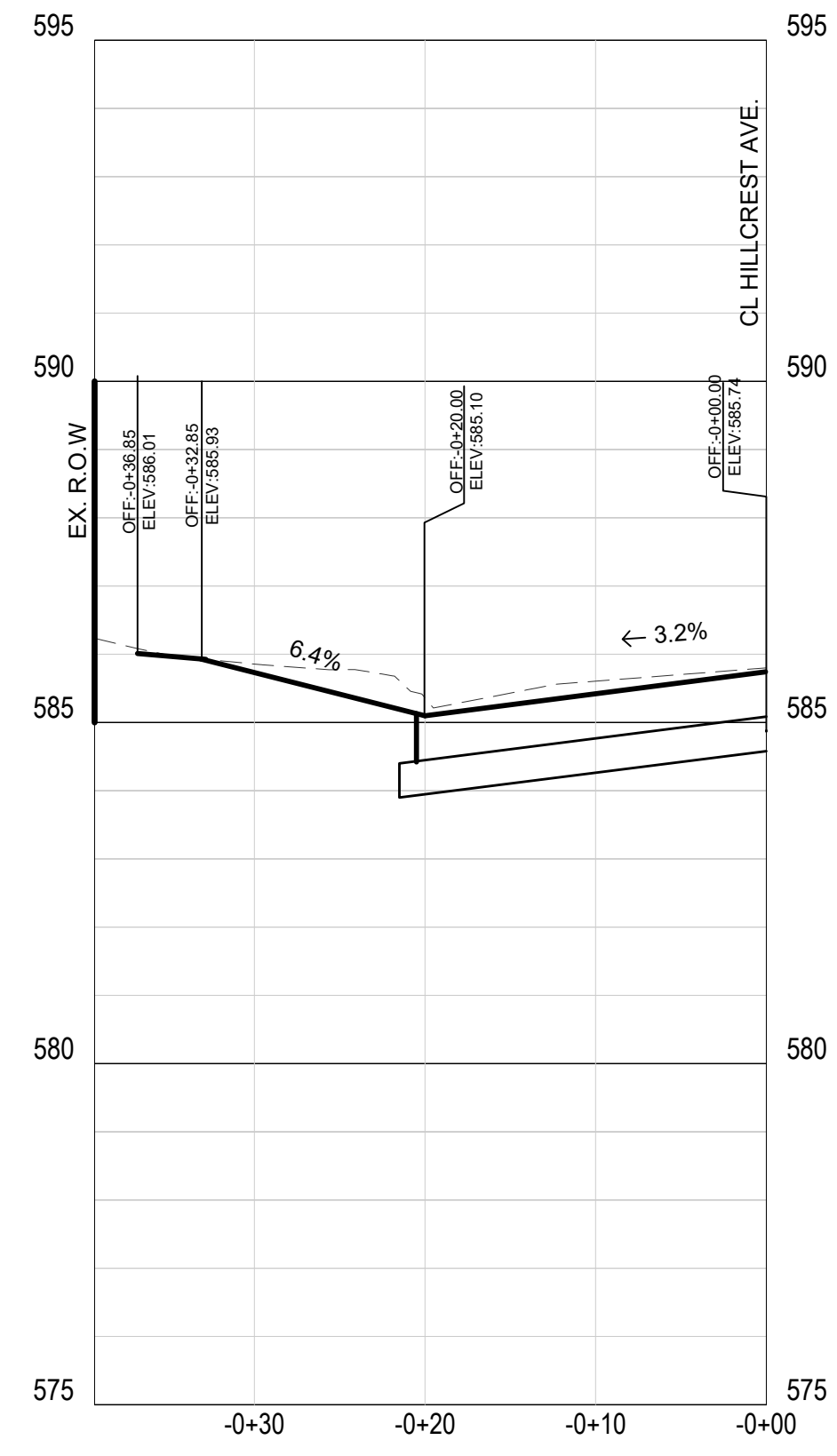
HILLCREST AVE.
PAVING CROSS-SECTIONS
CITY OF UNIVERSITY PARK

HUITT-ZOLLARS
Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

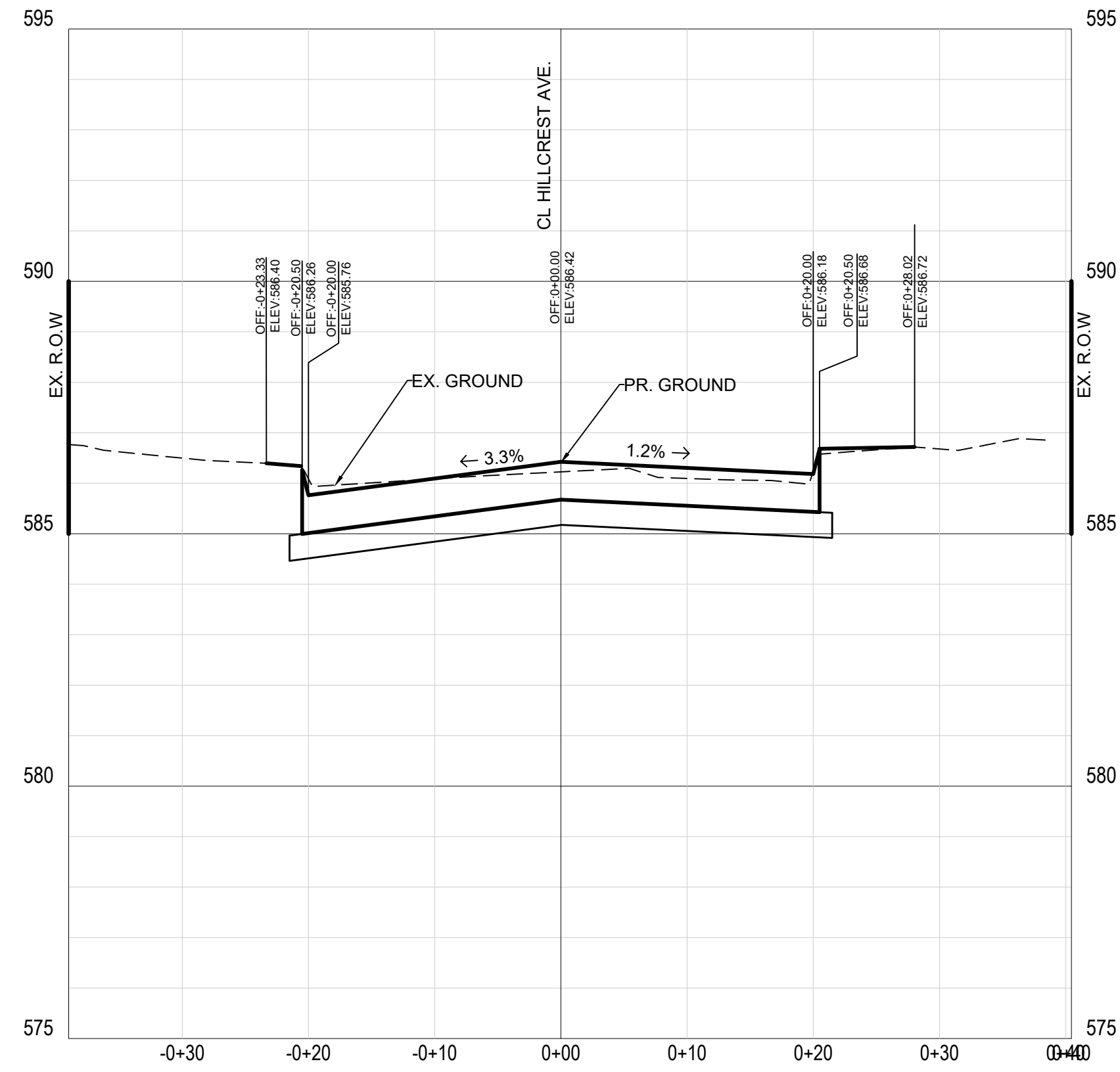
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	39

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

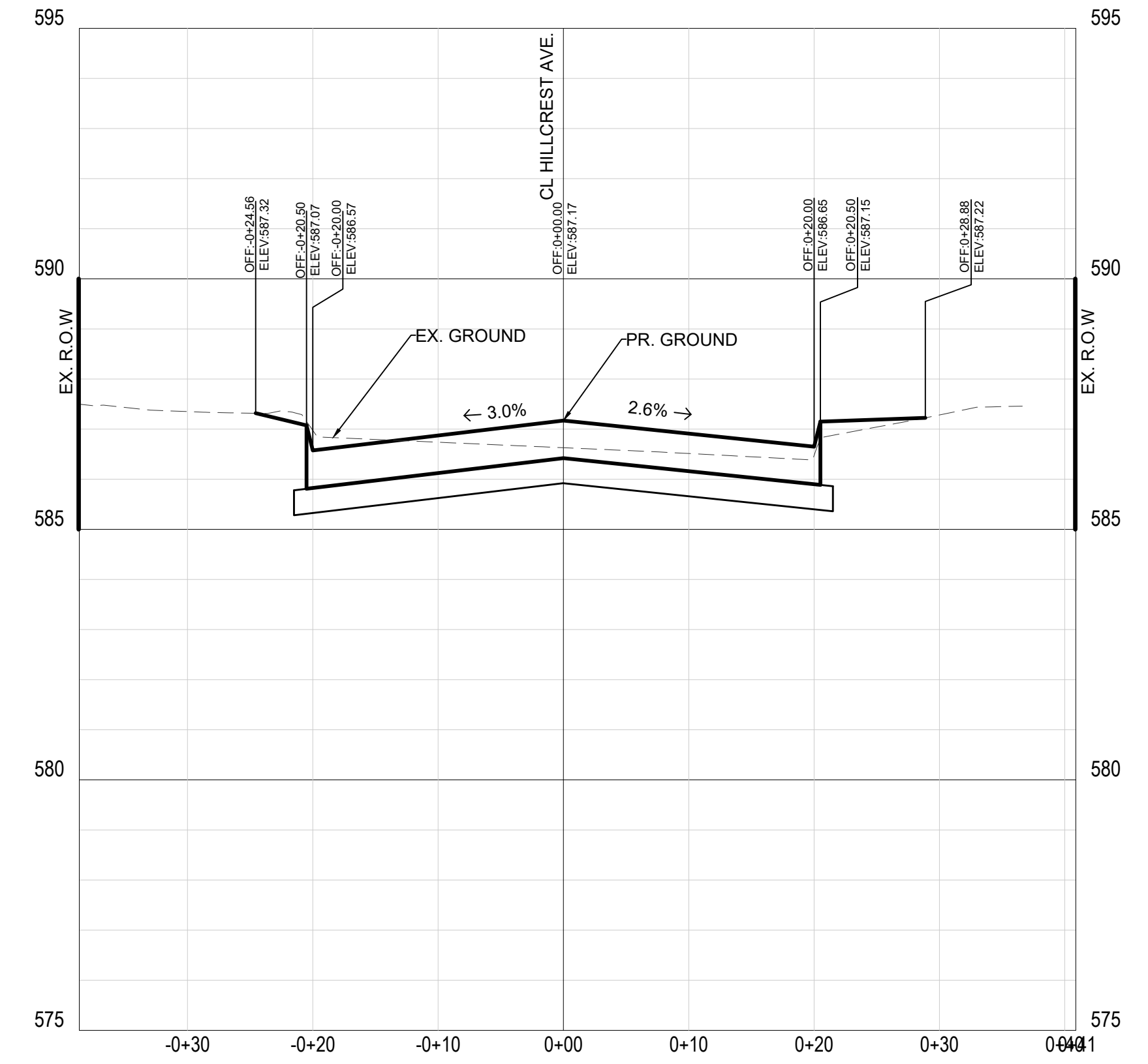
DWG: H:\proj\19308306.04 - UP Phase I Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\19308306\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:34pm XREFS: Border 22 X 34 Base Cross Section - Copy USER: aramirez



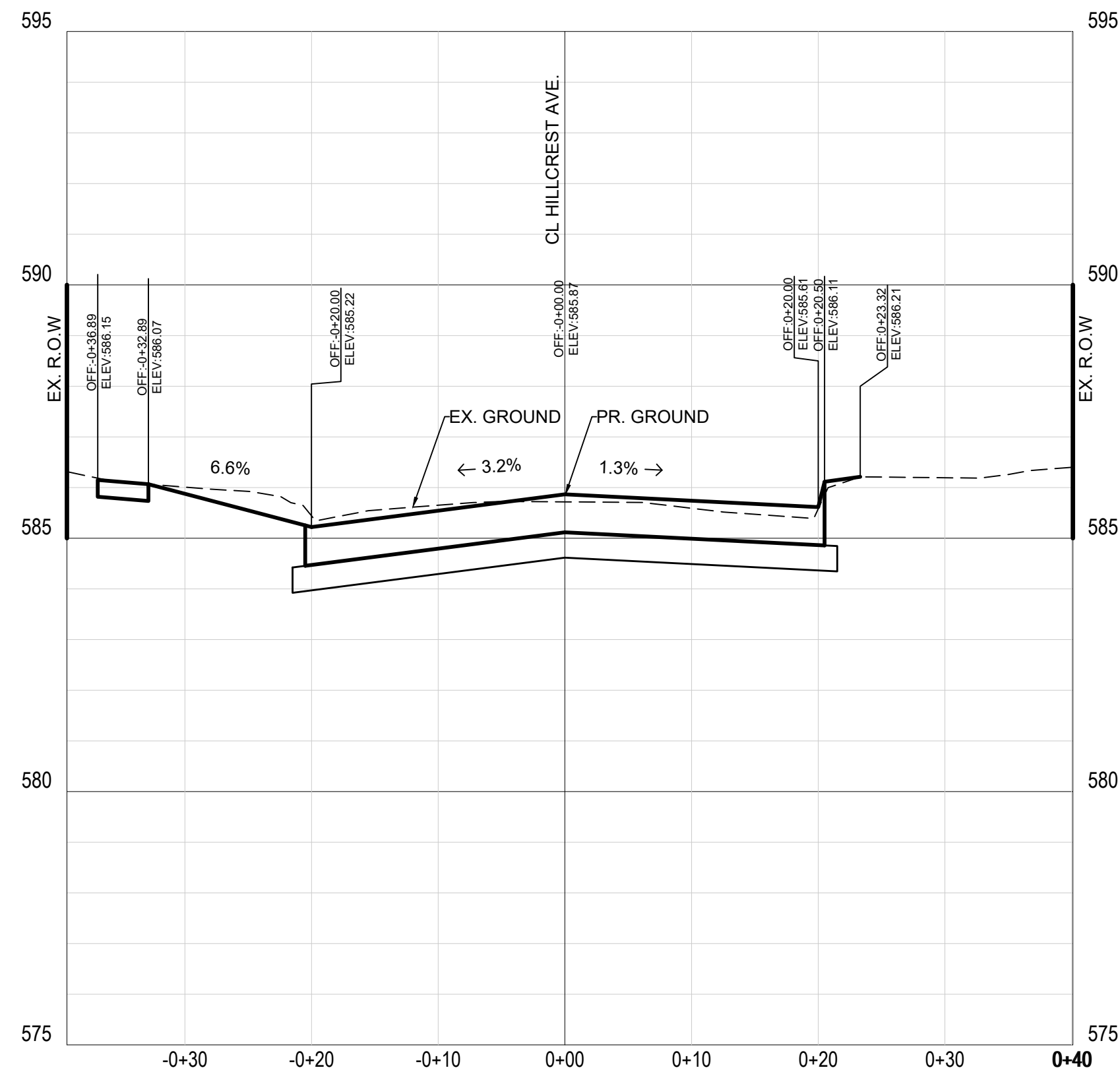
HILLCREST STA 12+19.43
CL DRIVEWAY LT



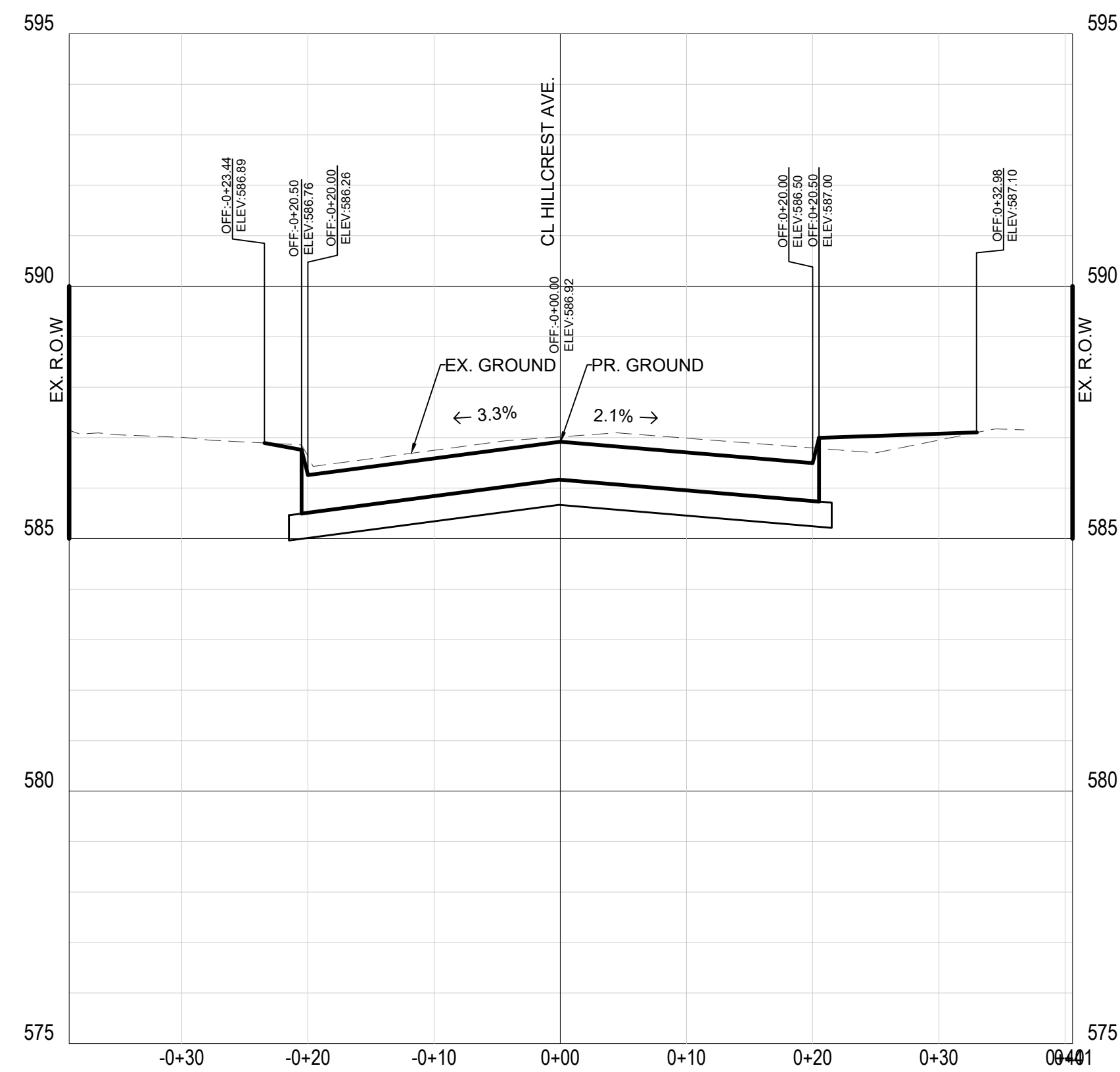
HILLCREST STA 12+50.00



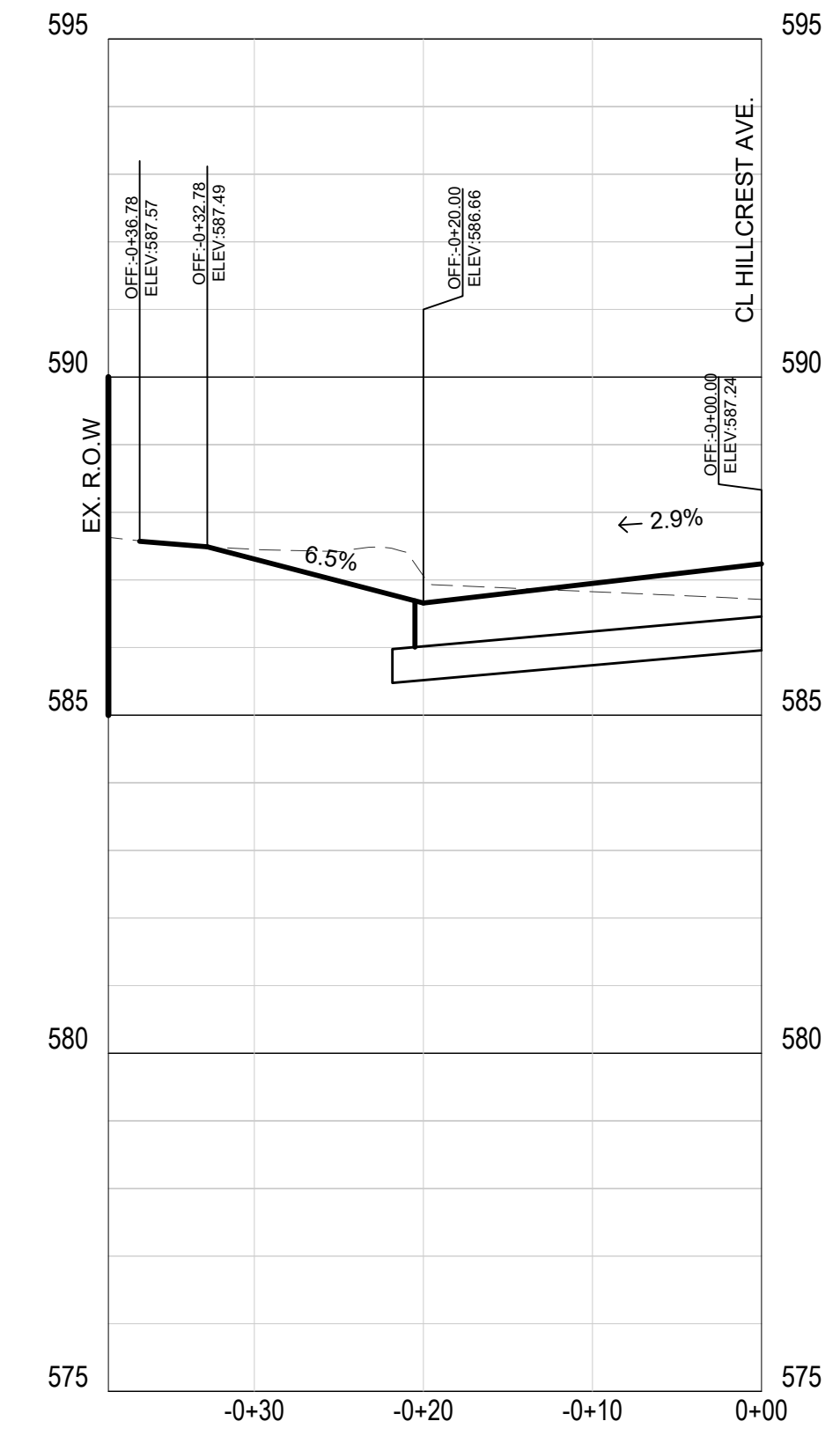
HILLCREST STA 13+00.00



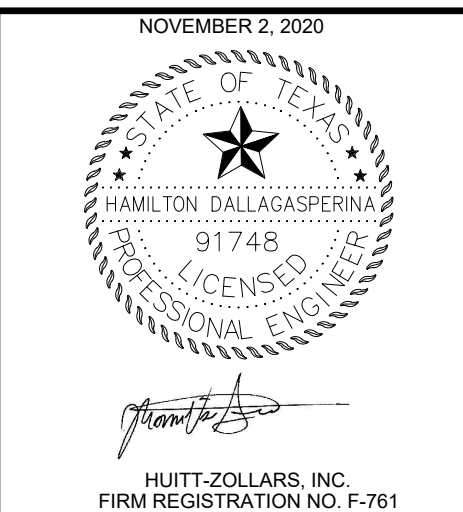
HILLCREST STA 12+25.00
CL DRIVEWAY LT



HILLCREST STA 12+75.00



HILLCREST STA 13+06.70
CL DRIVEWAY LT



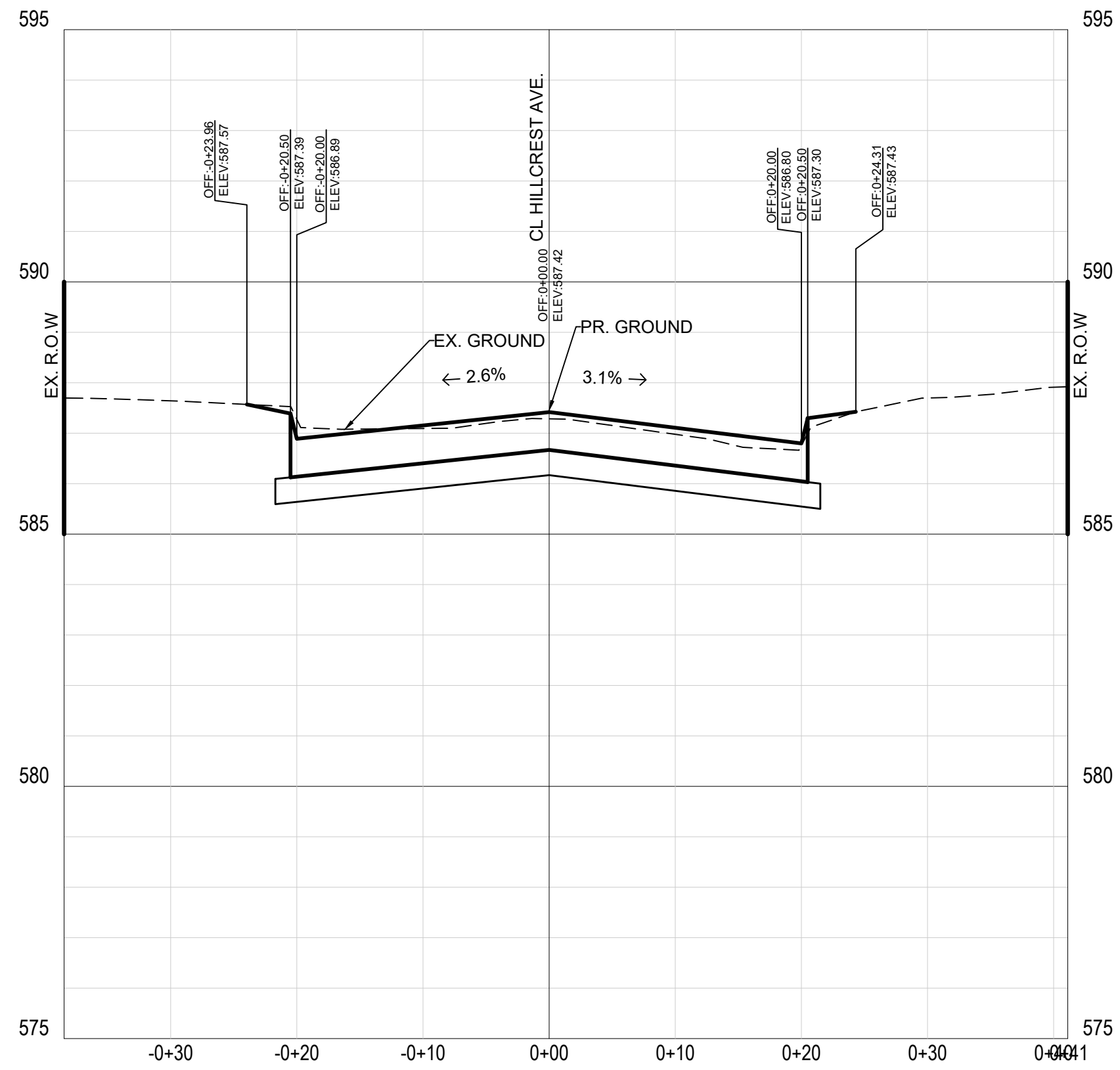
HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED

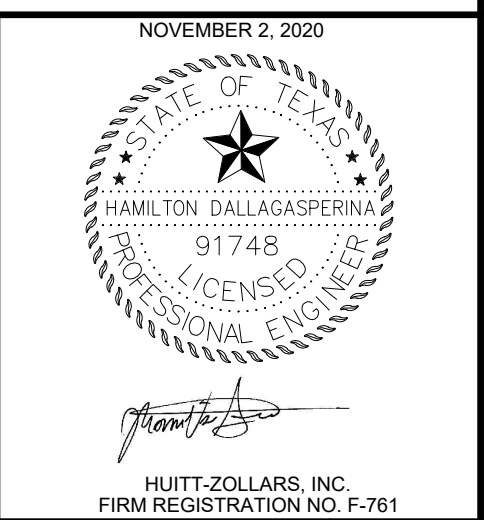
HILLCREST AVE.						
PAVING CROSS-SECTIONS						
CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS						
Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	40

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Sheets\Phase2_Sheets\20 CROSS SECTIONS.dwg
 DATE: Nov 03, 2020 3:34pm XREFS: Border 22 X 34 Base Cross Section Base Cross Section - Copy USER: aramirez



HILLCREST STA 13+25.00



NO.	DATE	REVISIONS	APPROVED

HILLCREST AVE.

PAVING CROSS-SECTIONS

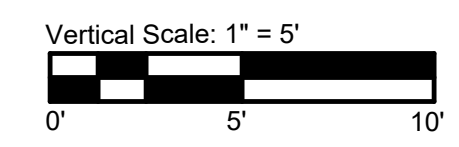
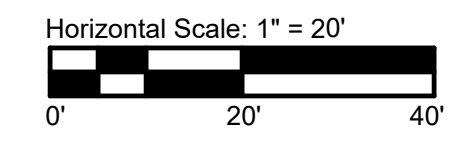
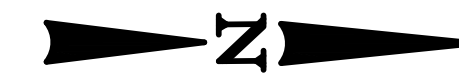
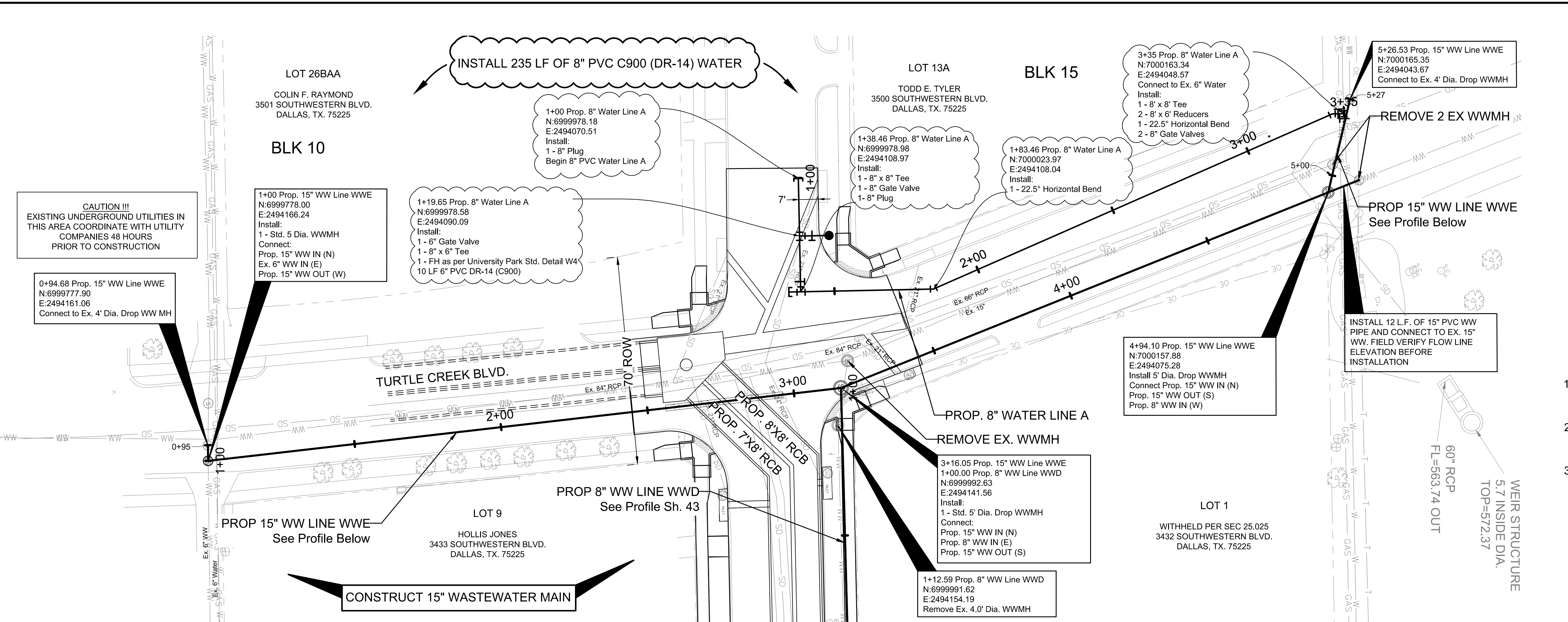
CITY OF UNIVERSITY PARK

HUITT-ZOLLARS
Huitt-Zollars, Inc.
 1717 McKinney Avenue, Suite 1400
 Dallas, Texas 75202
 Phone (214) 871-3311 Fax (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=10'H 1"=5'V	NOV 2020	R308306.04	41

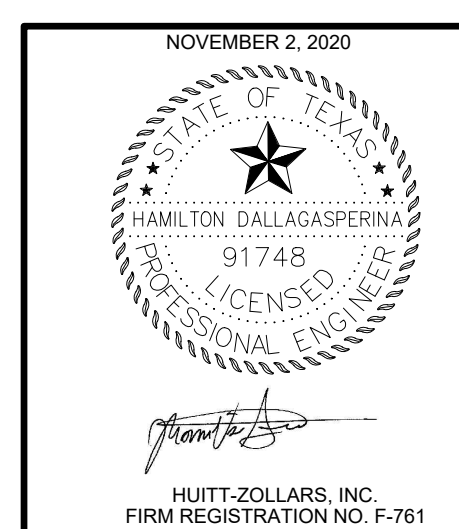
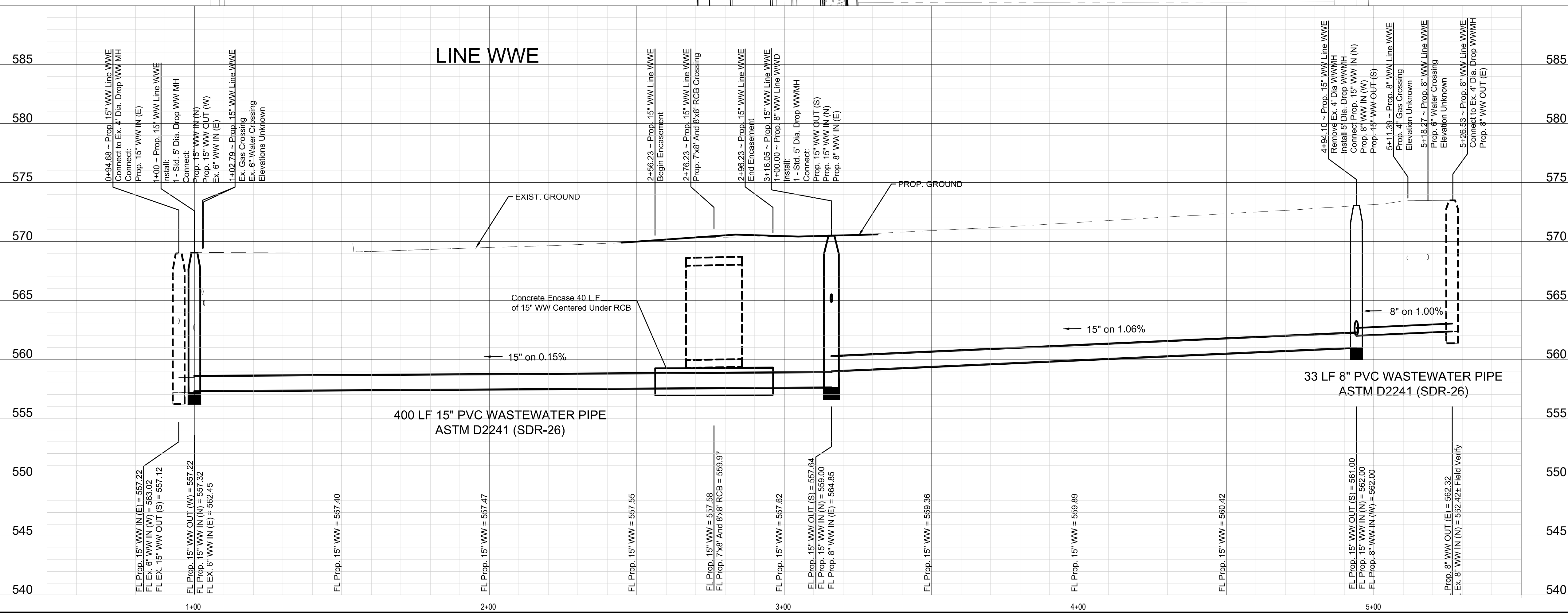
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: \\hzdallas2\disk2\proj\1308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\10 SHEETS\Phase2_Sheets\10 Water & Sanitary Sewer Plan and Profile Sheets.dwg
 USER: aramirez Base W/P Alignments Base Paving Plan Base SD Profile Existing Utilities Row Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34
 DATE: Dec 04, 2020 2:27pm XREFS: Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34



GENERAL NOTES:

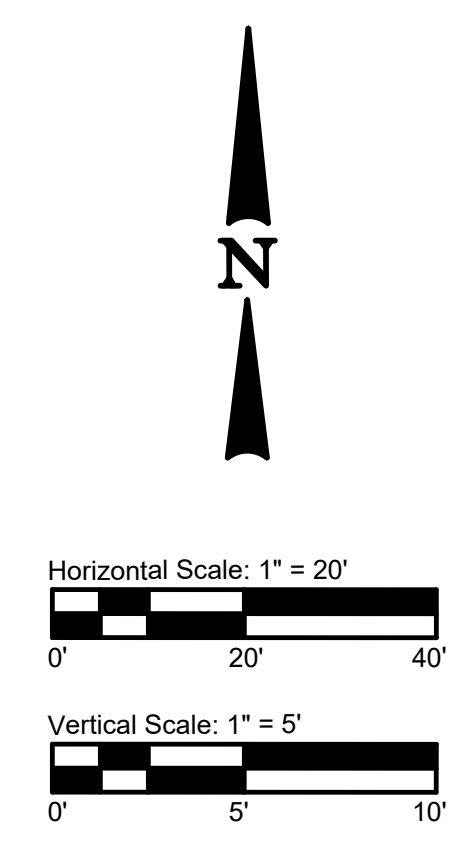
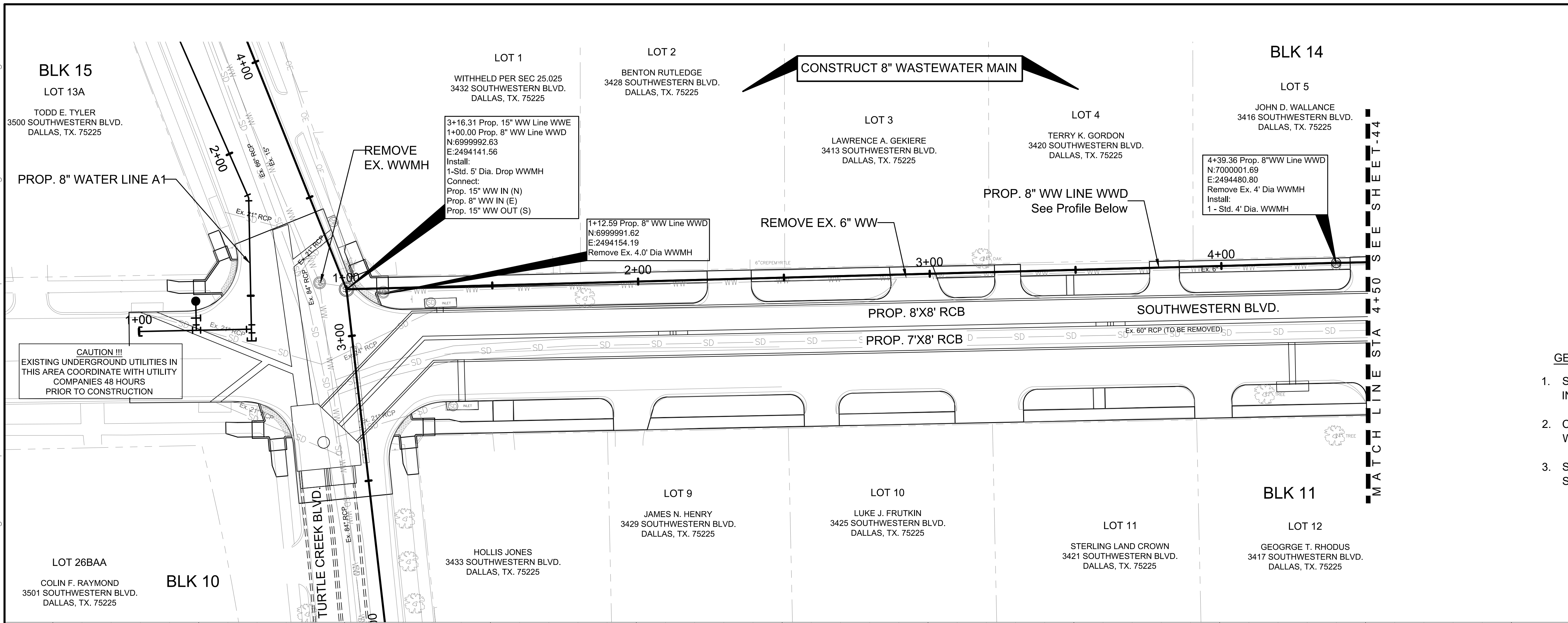
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER & WASTEWATER SERVICES.
- SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.



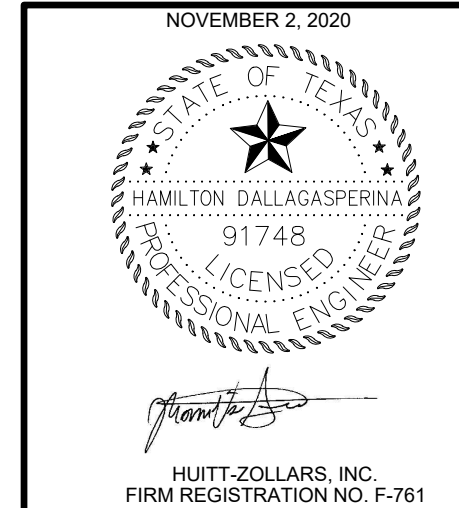
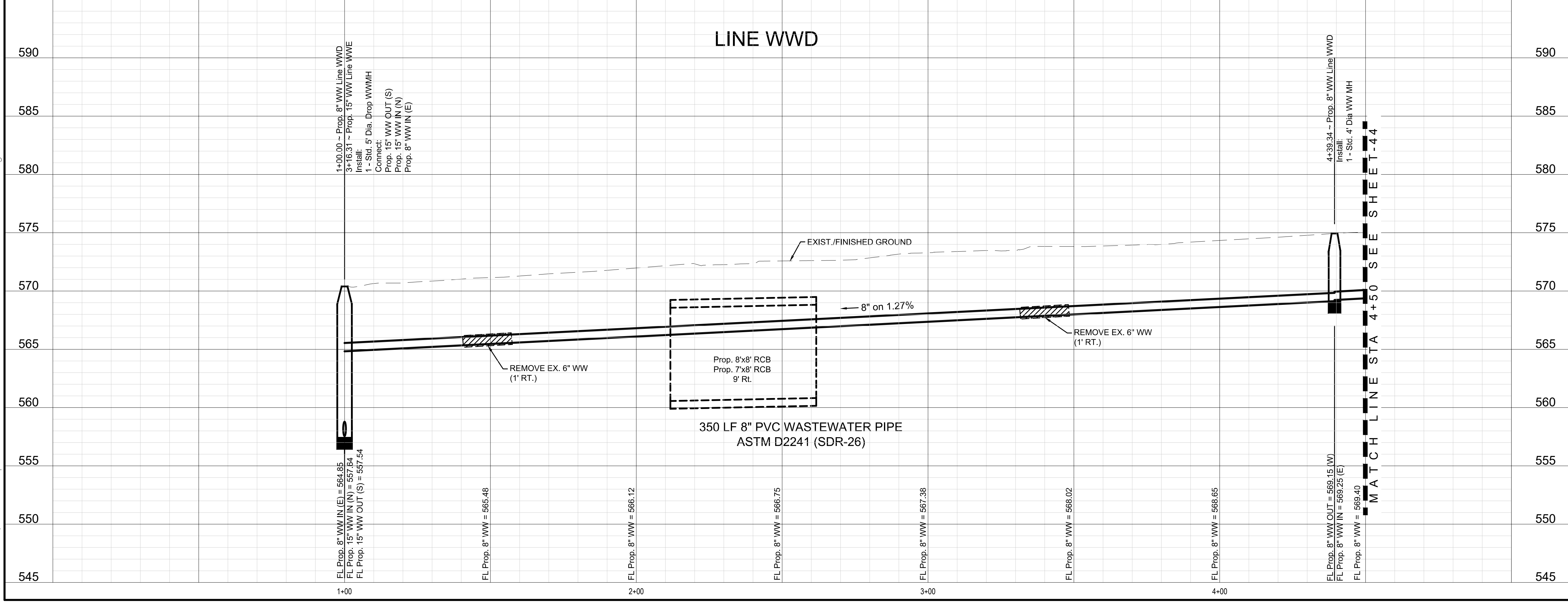
NO.	DATE	REVISIONS	APPROVED			
TURTLE CREEK BLVD. LINE WWE WATER & WASTEWATER PLAN AND PROFILE CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS <small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	42

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\Drawings\Phase2_Sheets\10 Water & Sanitary Sewer Plan and Profile Sheets.dwg
 DATE: Nov 30, 2020 1:53pm
 USER: aramirez
 Base Paving Plan
 Base W/W Alignments
 Base W/W Profile
 Base SD Alignments
 Topo
 Base SD Profile
 Park topo-3



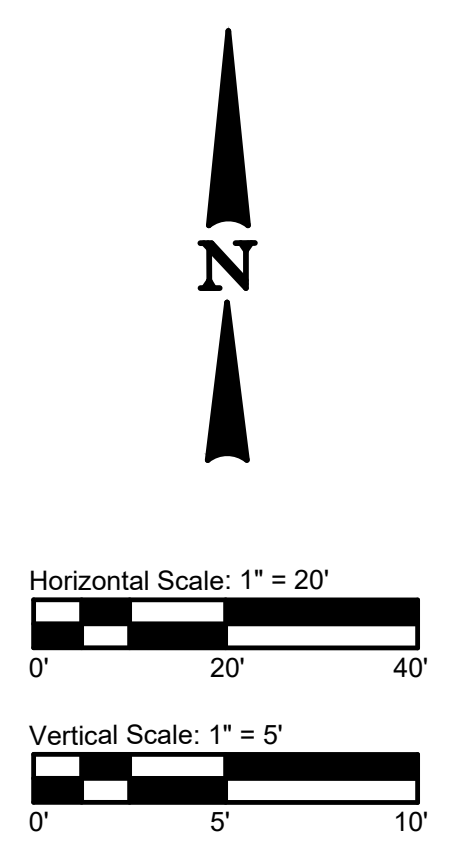
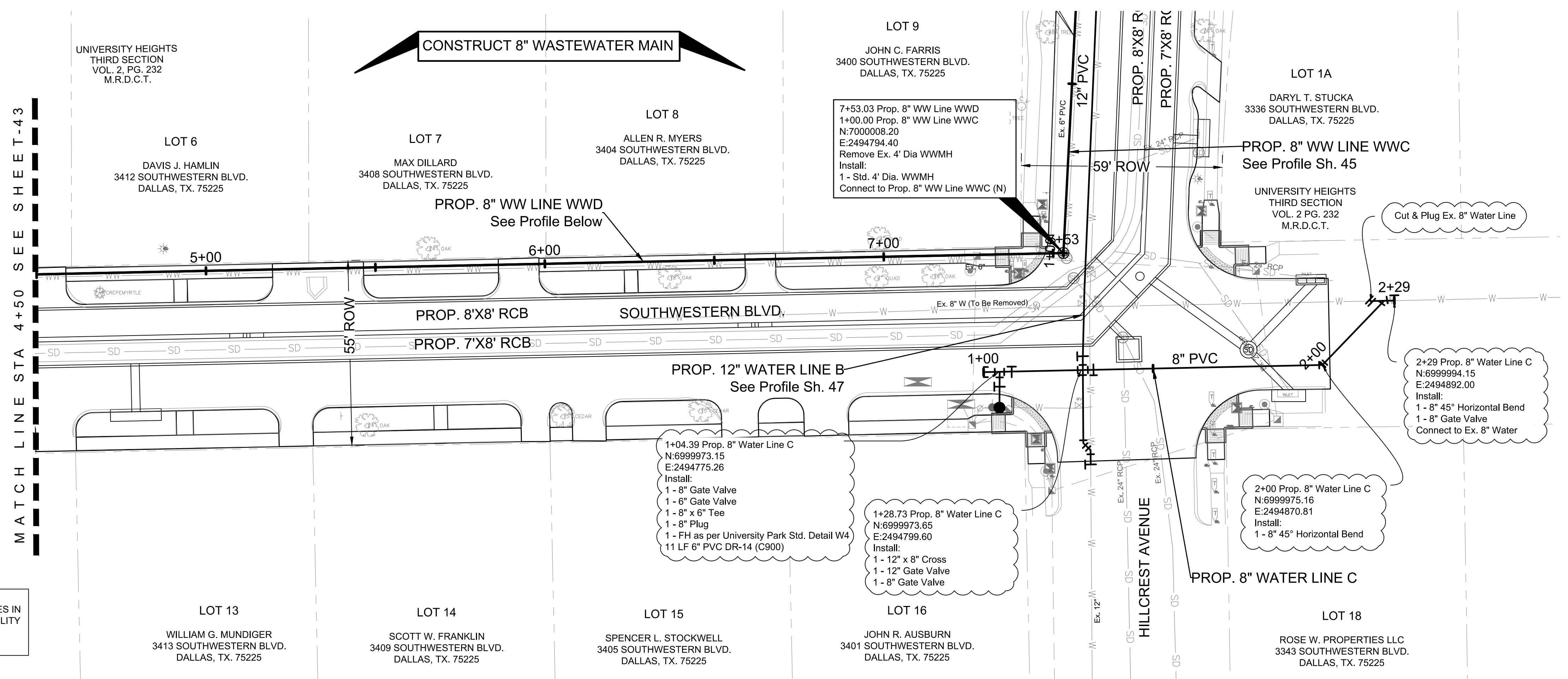
- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER SERVICES.
 - SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.



NO.	DATE	REVISIONS	APPROVED
SOUTHWESTERN BLVD LINE WWD WASTEWATER PLAN AND PROFILE CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS <small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>			
DESIGN	DRAWN	APPR.	SCALE
DATE	PROJ. NO.	SHEET	
HD	AR	HD	1"=20'H 1"=5'V
NOV 2020	R308306.04	43	

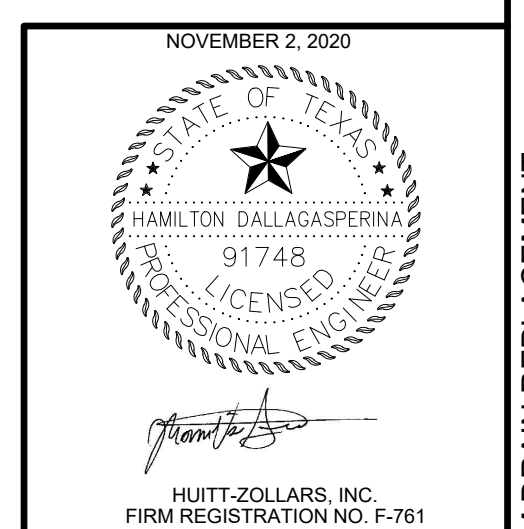
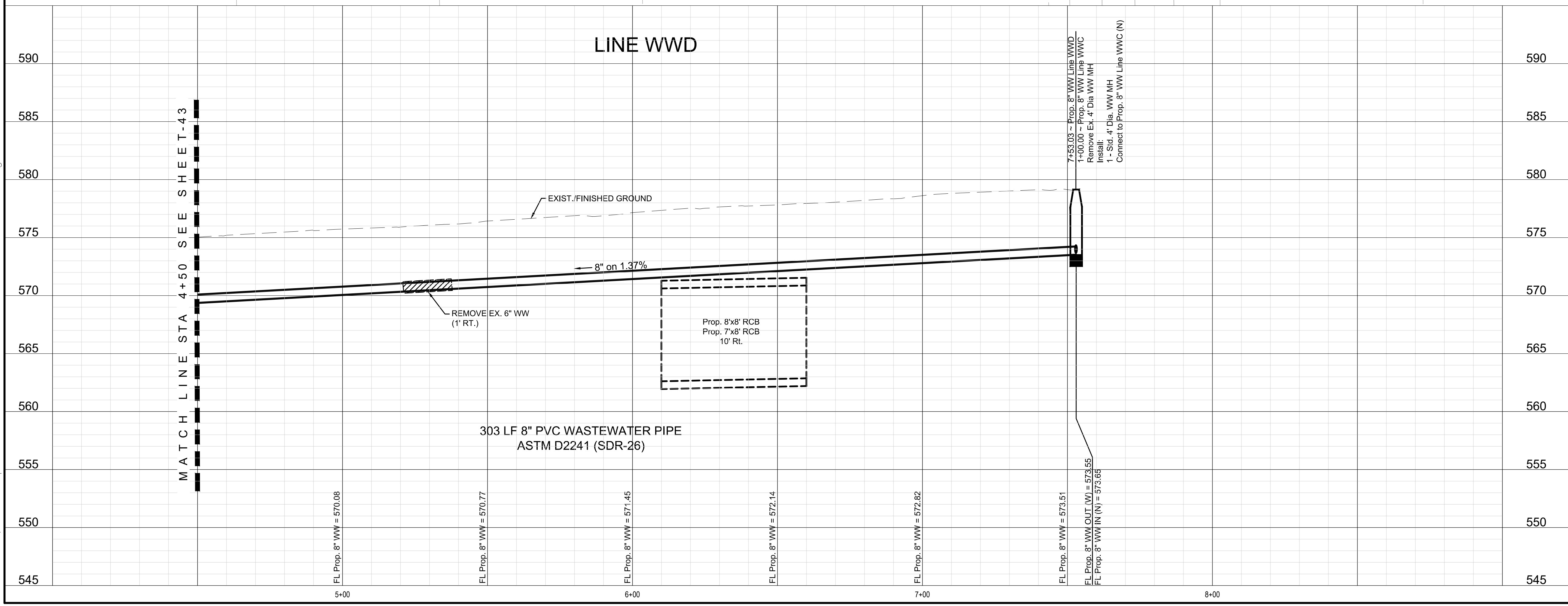
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306\04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\10 SHEETS\Phase2_Sheets\10 Water & Sanitary Sewer Plan and Profile Sheets.dwg
 DATE: Nov 30, 2020 1:53pm XREFS: Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34 Base SD Alignments Topo Base WW Profile Park topo-3 Base WW Alignments Base Paving Plan Base SD



- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER SERVICES.
 - SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.

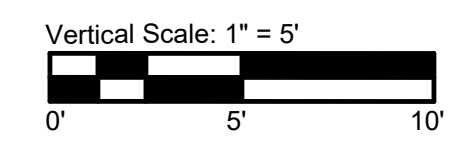
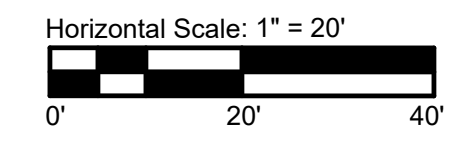
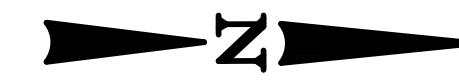
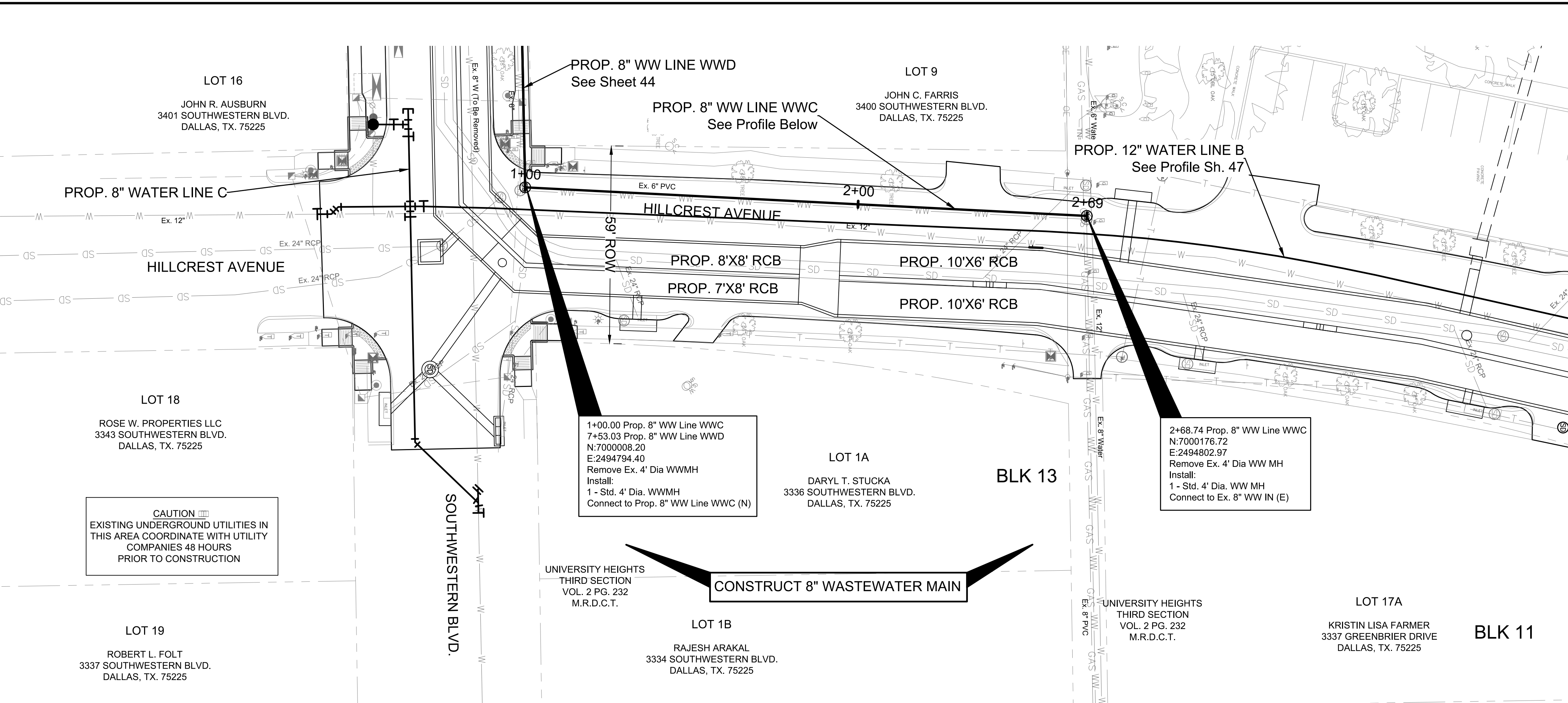
CAUTION
 EXISTING UNDERGROUND UTILITIES IN THIS AREA COORDINATE WITH UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION



NO.	DATE	REVISIONS	APPROVED
SOUTHWESTERN BLVD LINE WWD			
WATER & WASTEWATER PLAN AND PROFILE			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
HD	AR	HD	1"=20'H 1"=5'V
DATE	PROJ. NO.	SHEET	
NOV 2020	R308306.04	44	

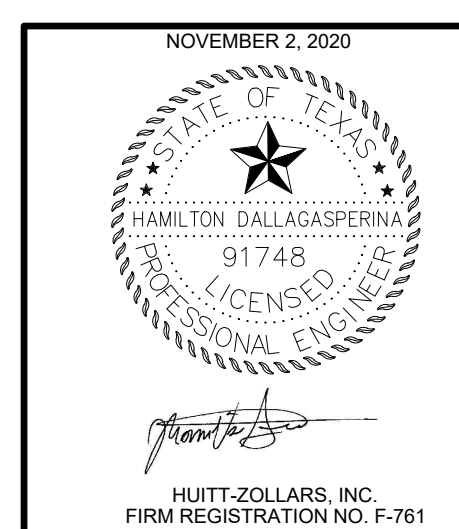
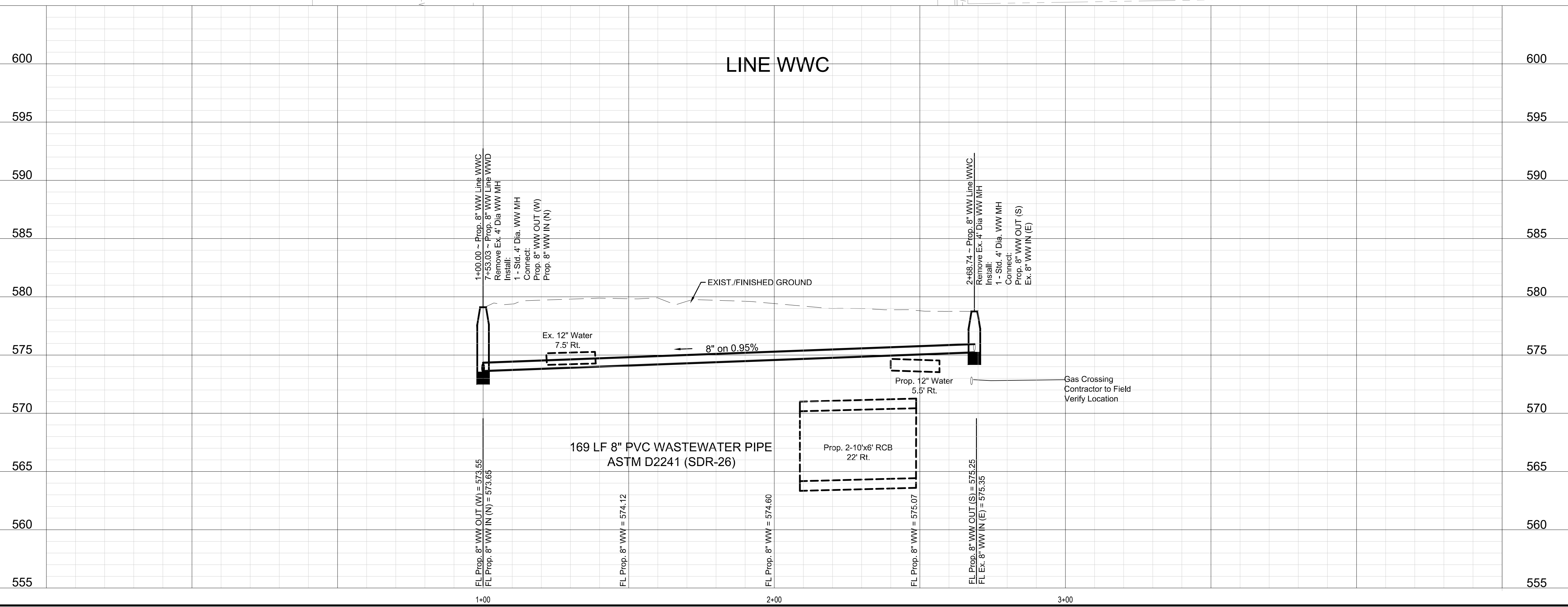
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

USER: aramirez Base Paving Plan Base Ww Alignments Base Ww Profile Park topo-3
 D:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\10 SHEETS\Phase2_Sheets\10 Water & Sanitary Sewer Plan and Profile Sheets.dwg
 DATE: Nov 30, 2020 1:53pm XREFS: Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34



GENERAL NOTES:

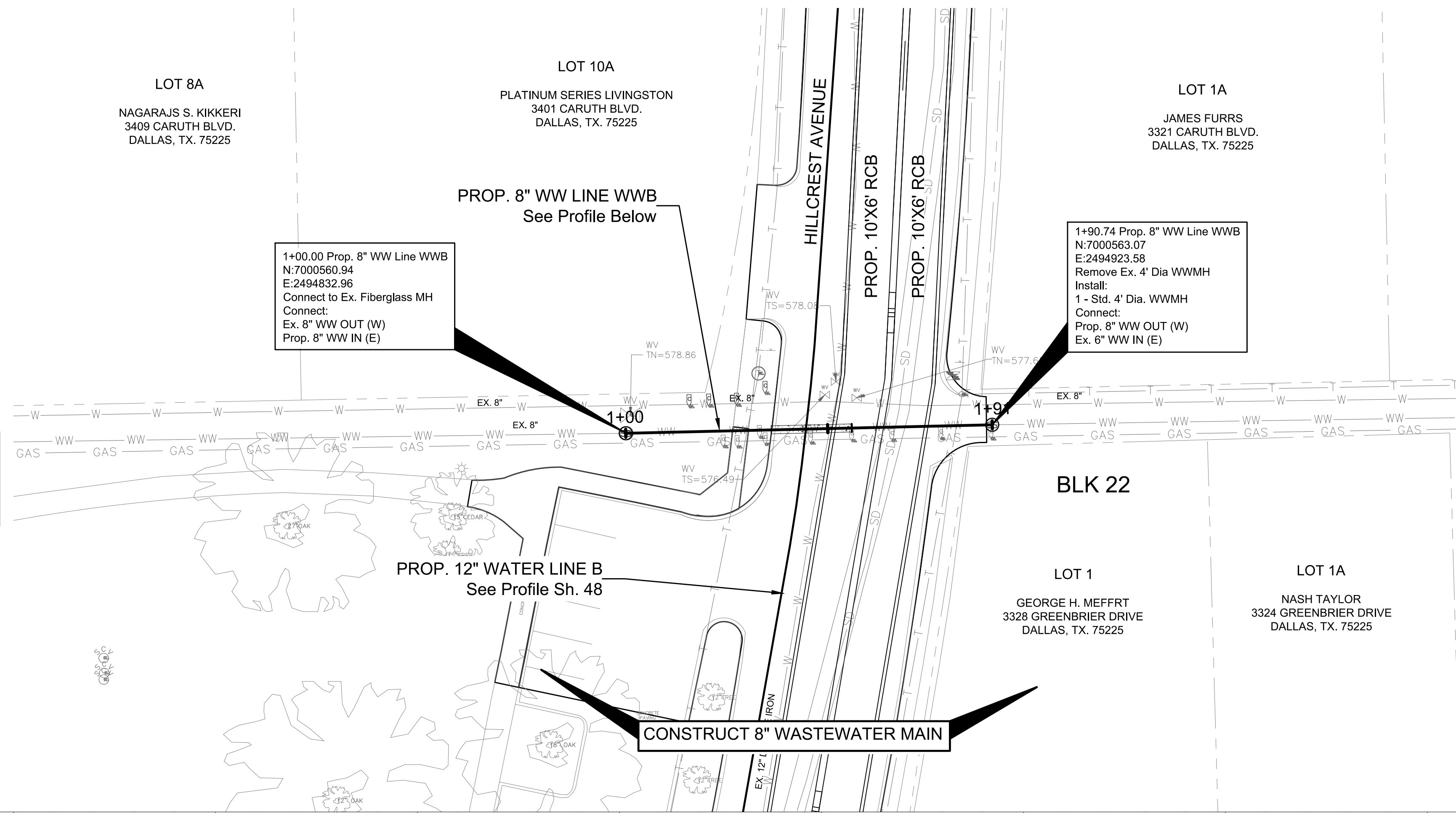
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
- SEE WATER PLAN & PROFILE FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER & WASTEWATER SERVICES.
- SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.



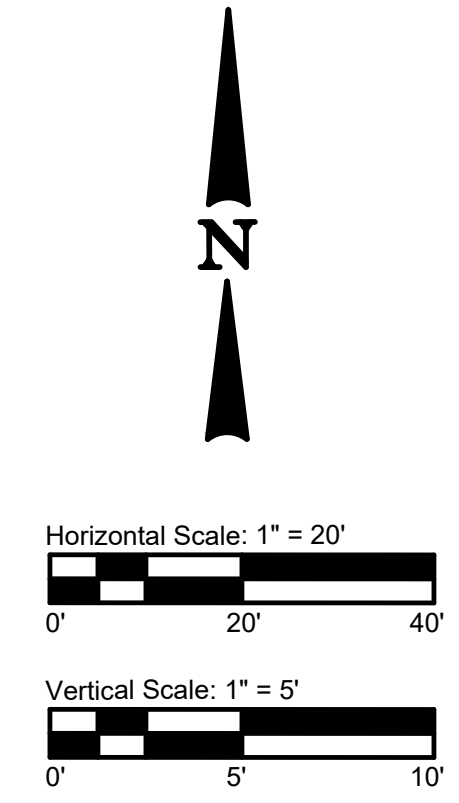
NO.	DATE	REVISIONS	APPROVED			
HILLCREST AVE LINE WWC WATER & WASTEWATER PLAN AND PROFILE CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS <small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	45

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

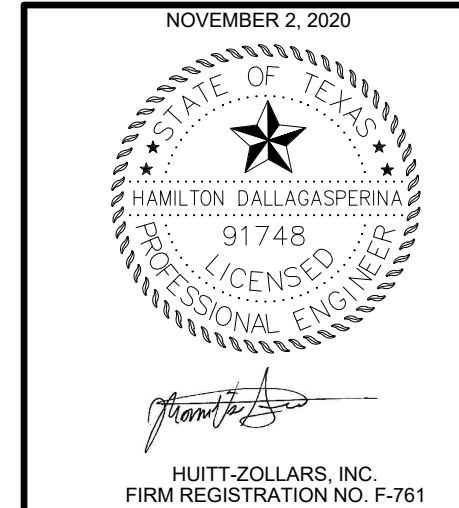
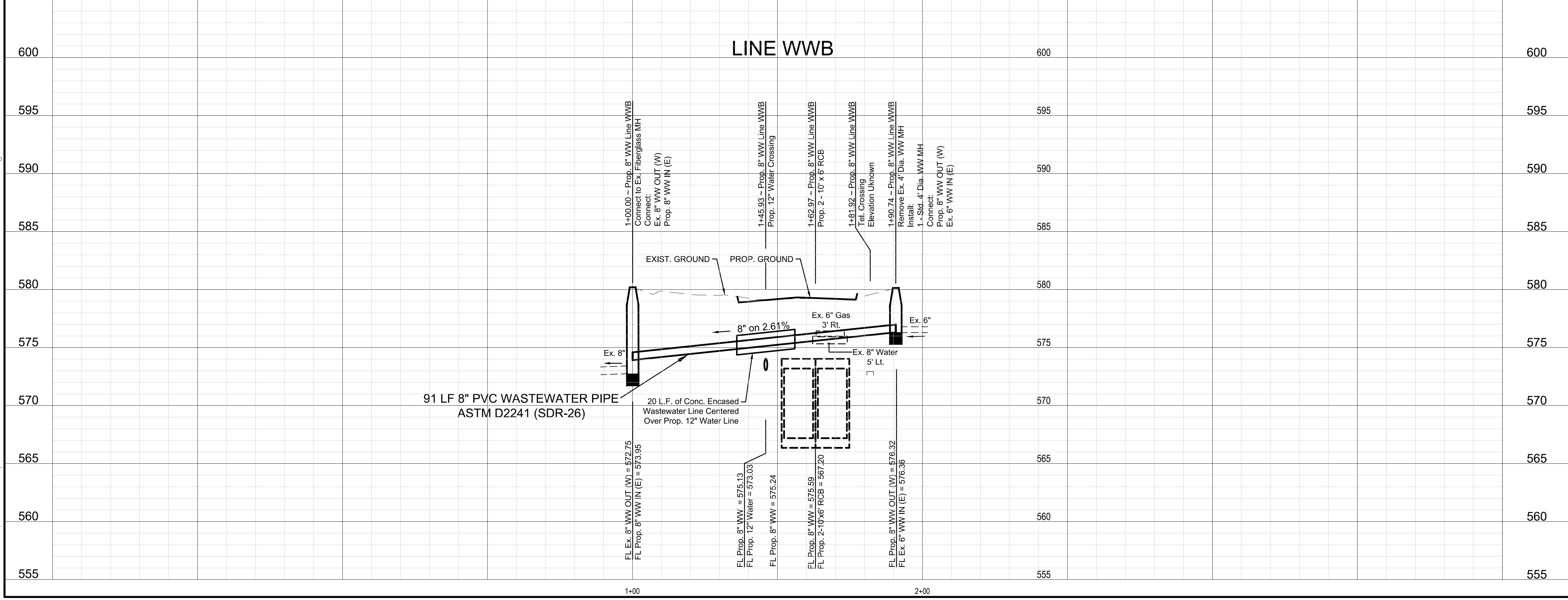
DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\SHEETS\Phase2_Sheets\10 WATER & SANITARY SEWER PLAN AND PROFILE SHEETS.dwg
 DATE: Nov 30, 2020 1:54pm
 USER: aramirez
 Base Paving Plan
 Base Ww Alignments
 Base Ww Profile
 Base SD Alignments
 Topo
 Base SD Alignments
 Base Ww Profile
 Park
 topo-3



CAUTION
 EXISTING UNDERGROUND UTILITIES IN THIS AREA COORDINATE WITH UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION



- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
 - SEE WATER PLAN & PROFILE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER & WASTEWATER SERVICES.
 - SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.

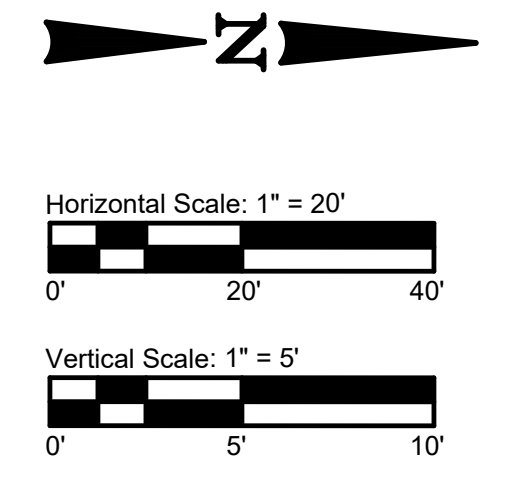
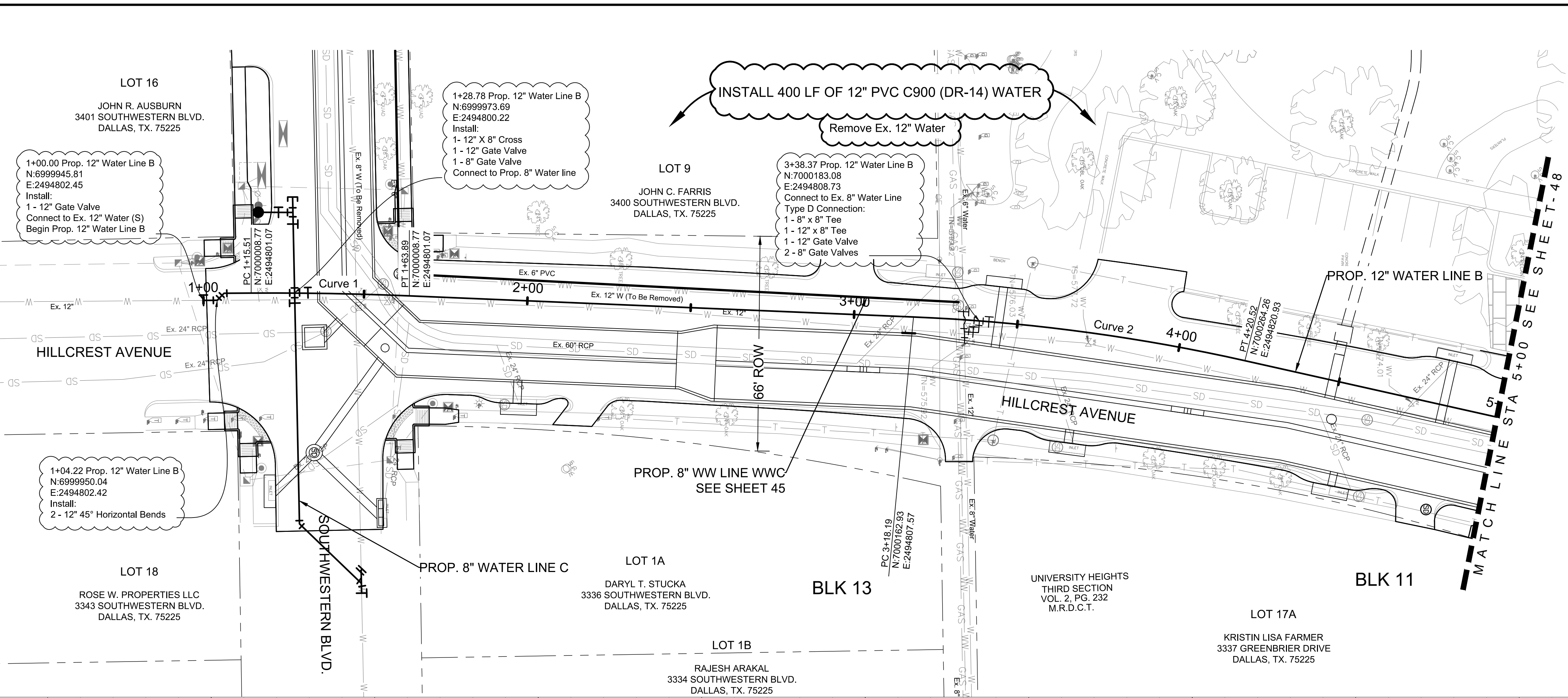


HUITT-ZOLLARS, INC.
 FIRM REGISTRATION NO. F-761

NO.	DATE	REVISIONS	APPROVED
GREENBRIER CARUTH ALLEY WWB			
WATER & WASTEWATER			
PLAN AND PROFILE			
CITY OF UNIVERSITY PARK			
HUITT-ZOLLARS			
DESIGN	DRAWN	APPR.	SCALE
DATE	PROJ. NO.	SHEET	
HD	AR	HD	1"=20'H 1"=5'V
NOV 2020	R308306.04	46	

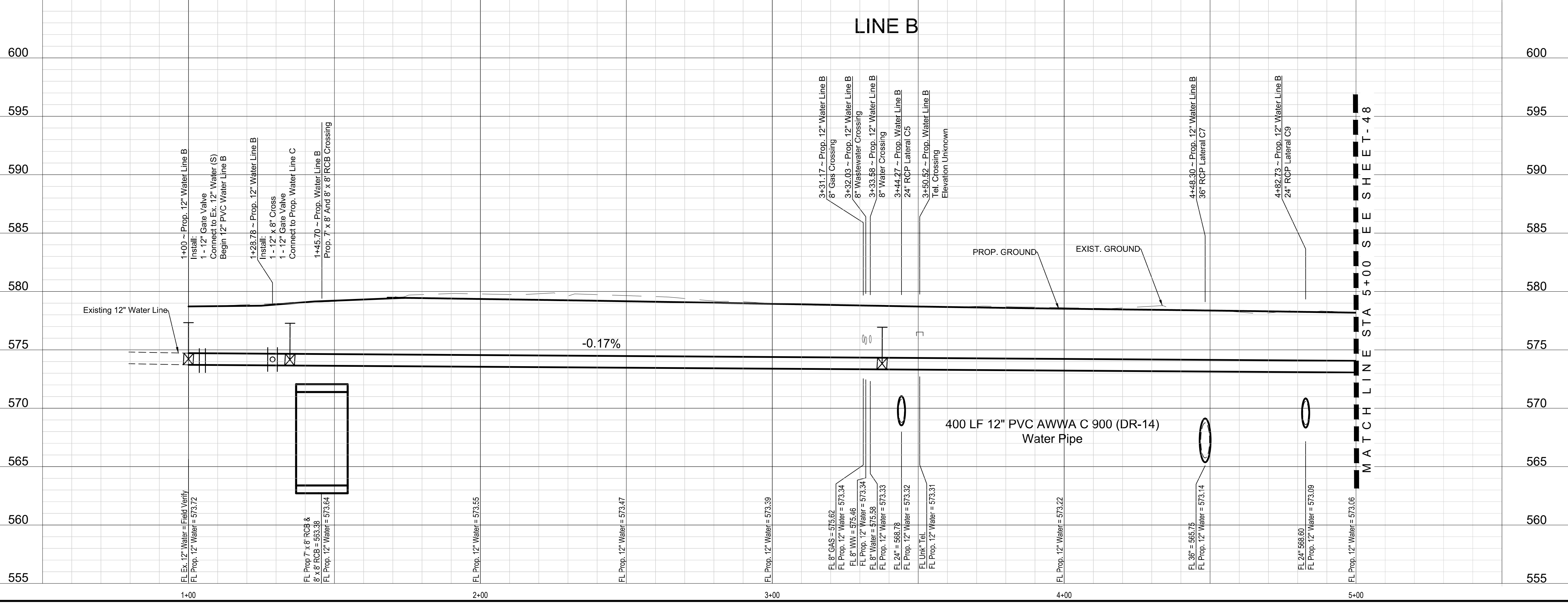
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

USER: aramirez .dwg
 Base W/W Profile Park topo-3
 Base SD Alignments
 Base W/W Profile
 Base SD Alignments
 Topo
 Base SD Alignments
 Row
 Existing Utilities
 Border 22 X 34
 Border 22 X 34
 XREFS: Border 22 X 34
 DATE: Nov 30, 2020 3:06pm
 DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\SHEETS\Phase2_Sheets\12 Water Plan and Profile_Sheets.dwg
 DATE: Nov 30, 2020 3:06pm



- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER SERVICES.
 - SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.

CURVE	LENGTH (FT)	RADIUS	CHORD LENGTH (FT)	DELTA (FT)	CHORD BEARING
1	43.38	1000	48.37	10.23	S0° 57' 23.77" W
2	102.30	573	102.20	2.77	N7° 30' 49.55" E
3	35.17	764	35.16	2.63	N11° 18' 42.24" E
4	60.25	573	36.98	6.00	N8° 00' 23.84" E
5	56.00	573	53.45	5.60	N1° 17' 22.21" E

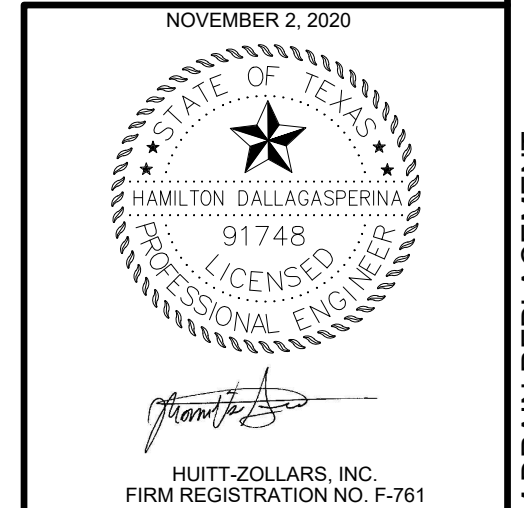


NO.	DATE	REVISIONS	APPROVED

**HILLCREST AVE LINE B
WATER LINE
PLAN AND PROFILE
CITY OF UNIVERSITY PARK**

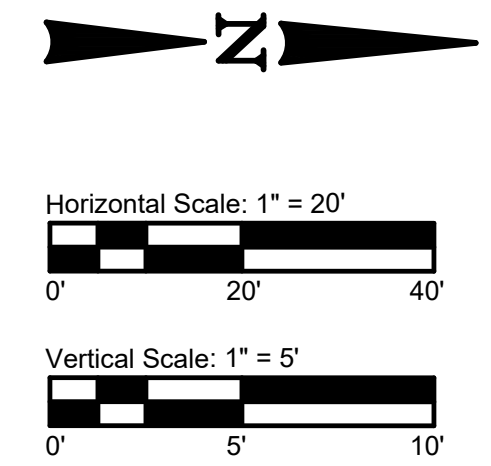
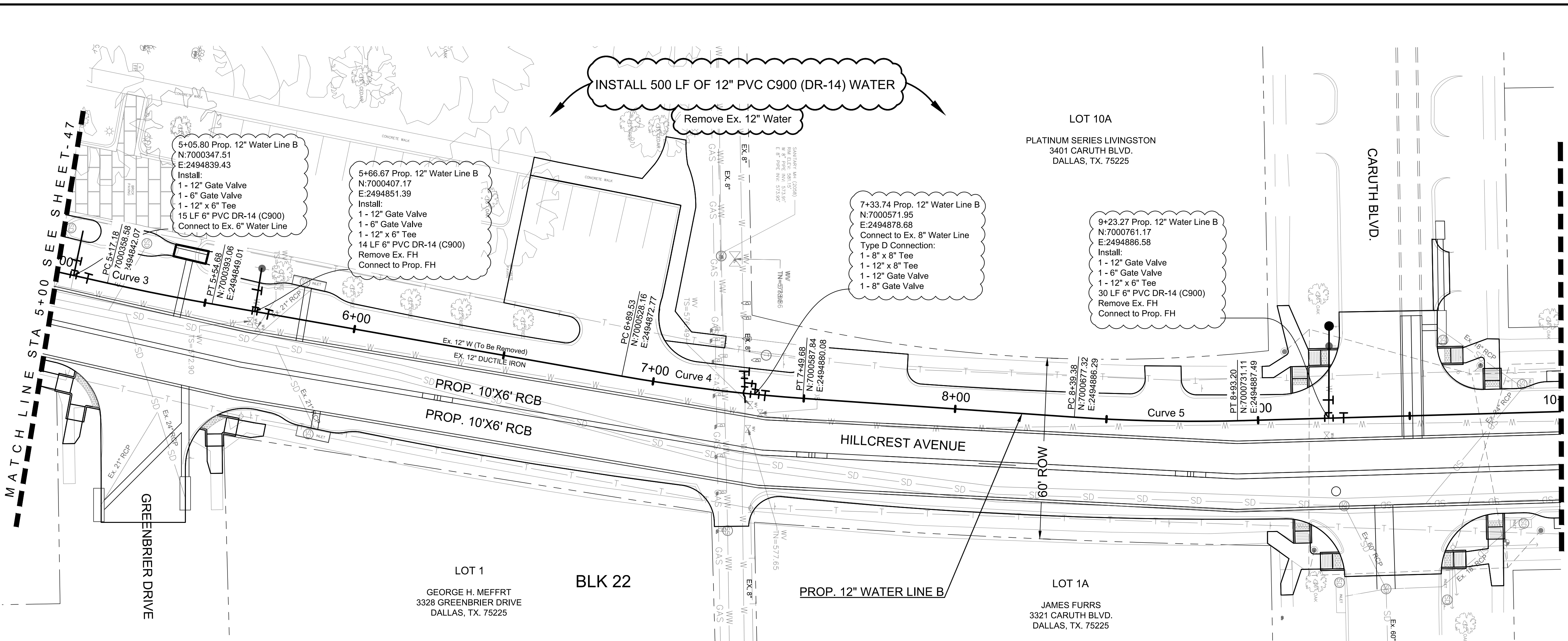
HUITT-ZOLLARS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	47



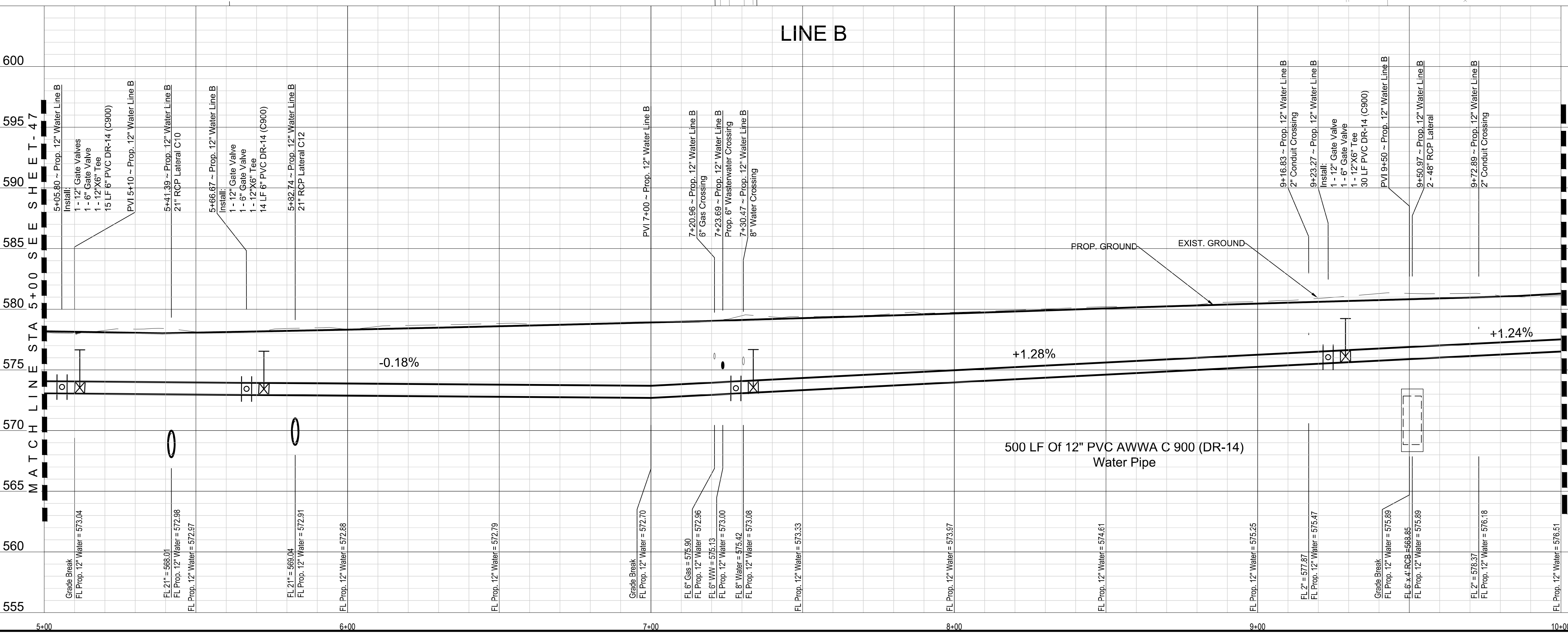
CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\101 AutoCAD\Drawings\Phase2_Sheets\12 Water Plan and Profile_Sheets.dwg
 DATE: Nov 30, 2020 3:06pm
 USER: aramirez
 XREFS: Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34 Base SD Alignments Topo Base W/W Profile Park topo-3 Base W/W Alignments Base Water Alignment and



- GENERAL NOTES:**
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER SERVICES.
 - SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.
 - CONTRACTOR TO PROVIDE TEMPORARY WATER TAP FOR SERVICE DURING WATERLINE LINE INSTALLATION, AS DIRECTED BY CITY INSPECTOR. AFTER WATER LINE INSTALLATION, CONTRACTOR SHALL REMOVE WET TAP AND PROVIDE CONNECTION AS SHOWN ON PLANS.

CURVE	LENGTH (FT)	RADIUS	CHORD LENGTH (FT)	DELTA (FT)	CHORD BEARING
1	43.38	1000	48.37	10.23	S0° 57' 23.77" W
2	102.30	573	102.20	2.77	N7° 30' 49.55" E
3	35.17	764	35.16	2.63	N11° 18' 42.24" E
4	60.25	573	36.98	6.00	N8° 00' 23.84" E
5	56.00	573	53.45	5.60	N1° 17' 22.21" E



NO.	DATE	REVISIONS	APPROVED

**HILLCREST AVE LINE B
WATER LINE
PLAN AND PROFILE**

CITY OF UNIVERSITY PARK

HUITT-ZOLLARS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	48

NOVEMBER 2, 2020

HUITT-ZOLLARS, INC.
FIRM REGISTRATION NO. F-761

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT

DWG: H:\proj\308306.04 - UP Phase 1 Storm Drain Replacement\10 CADD & BIM\10.1 AutoCAD\10 SHEETS\Phase2_Sheets\12 Water Line and Profile SHEETS.dwg
 DATE: Nov 30, 2020 3:06pm
 USER: aramirez
 XREFS: Border 22 X 34 Base SD Profile Existing Utilities Row Border 22 X 34 Base SD Alignments Topo Base W/W Profile Park topo-3 Base W/W Alignments Base Water Alignment and

MATCH LINE STA 10+00 SEE SHEET - 48

MATCH LINE STA 10+00 SEE SHEET - 48

10+00

LOT 7
KANNAN KRISHNA
3400 CARUTH BLVD.
DALLAS, TX. 75225

LOT 7
KANNAN KRISHNA
3400 CARUTH BLVD.
DALLAS, TX. 75225

LOT 1
LAM RUSSELL
3320 CARUTH BLVD.
DALLAS, TX. 75225

LOT 1
LAM RUSSELL
3320 CARUTH BLVD.
DALLAS, TX. 75225

LOT 8
JOHN McDOWELL
3401 COLGATE AVENUE
DALLAS, TX. 75225

LOT 28
WITHHELD PER SEC 25.025
3221 COLGATE AVENUE
DALLAS, TX. 75225

LOT 7
STEPHEN WILLAMSON
3400 COLGATE AVENUE
DALLAS, TX. 75225

LOT 1
LAM RUSSELL
3320 COLGATE AVENUE
DALLAS, TX. 75225

INSTALL 402 LF OF 12" PVC C900 (DR-14) WATER

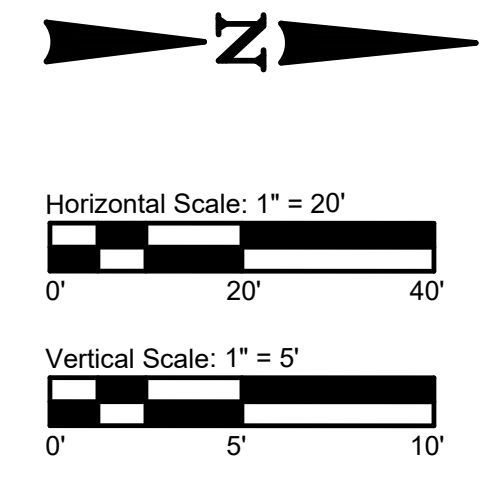
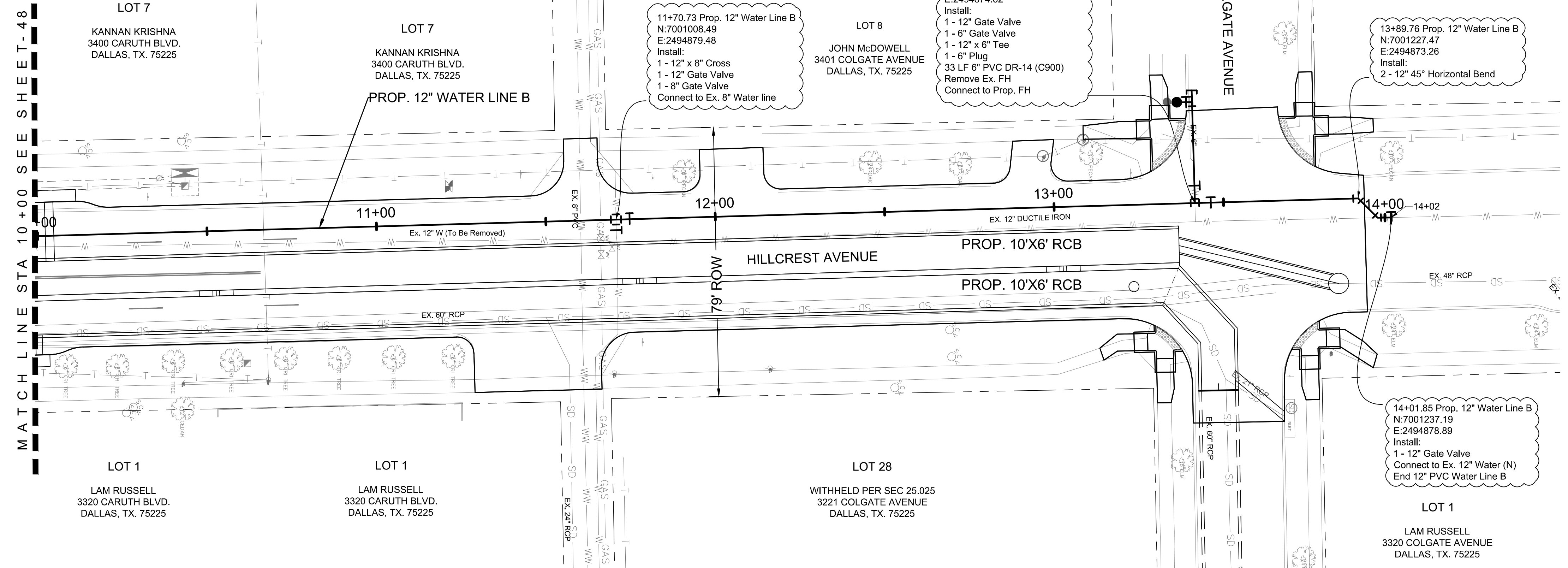
Remove Ex. 12" Water

11+70.73 Prop. 12" Water Line B
N:7001008.49
E:2494879.48
Install:
1 - 12" x 8" Cross
1 - 12" Gate Valve
1 - 8" Gate Valve
Connect to Ex. 8" Water line

13+41.57 Prop. 12" Water Line B
N:7001179.30
E:2494874.62
Install:
1 - 12" Gate Valve
1 - 6" Gate Valve
1 - 12" x 6" Tee
1 - 6" Plug
33 LF 6" PVC DR-14 (C900)
Remove Ex. FH
Connect to Prop. FH

13+89.76 Prop. 12" Water Line B
N:7001227.47
E:2494873.26
Install:
2 - 12" 45° Horizontal Bend

14+01.85 Prop. 12" Water Line B
N:7001237.19
E:2494878.89
Install:
1 - 12" Gate Valve
Connect to Ex. 12" Water (N)
End 12" PVC Water Line B

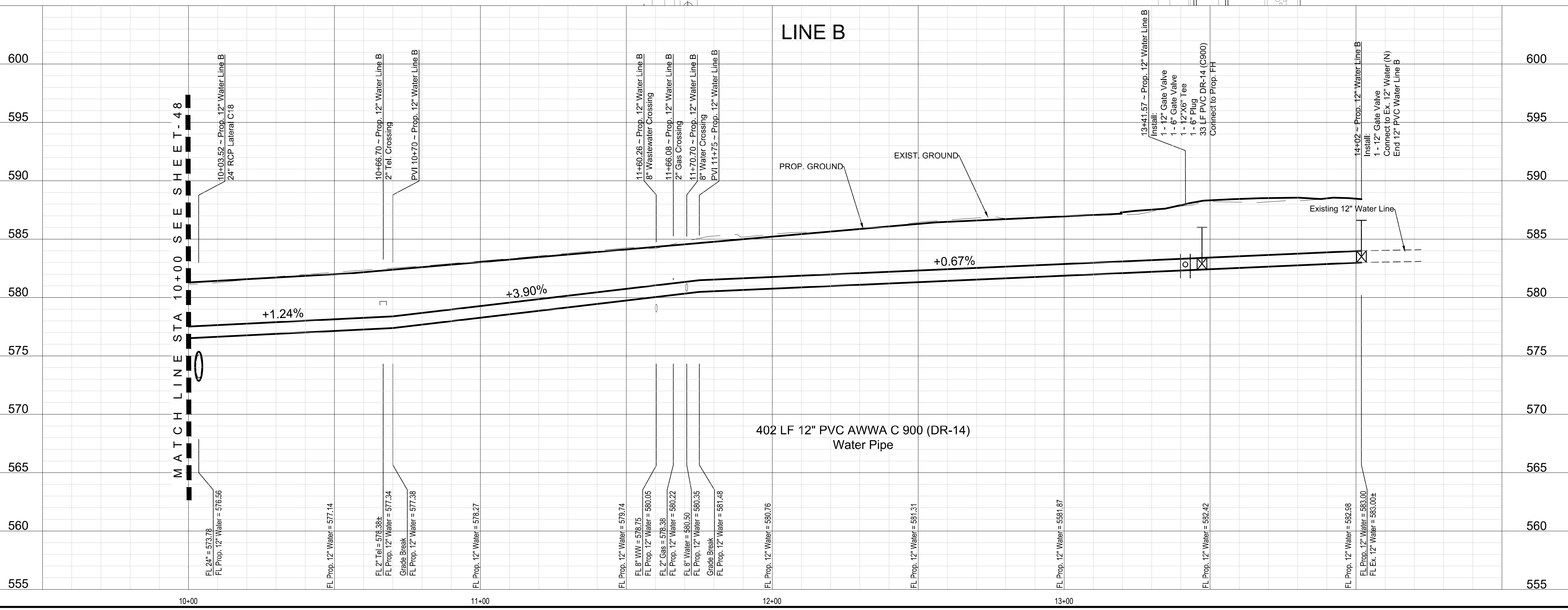


GENERAL NOTES:

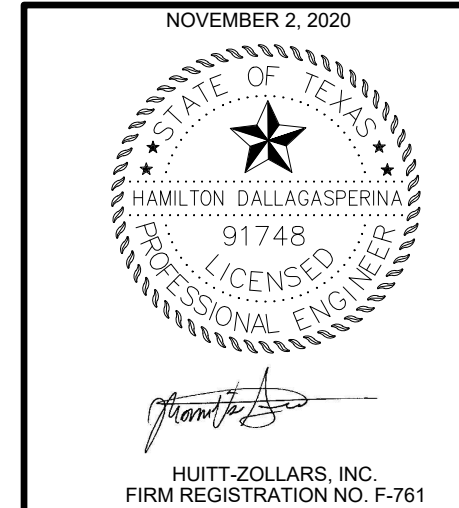
- SEE PAVING PLAN & PROFILE FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO VERIFY & RECONNECT ALL EXISTING WATER SERVICES.
- SEE UTILITY DETAIL SHEETS FOR UNIVERSITY PARK STANDARDS DETAILS.
- CONTRACTOR TO PROVIDE TEMPORARY WATER TAP FOR SERVICE DURING WATERLINE LINE INSTALLATION, AS DIRECTED BY CITY INSPECTOR. AFTER WATER LINE INSTALLATION, CONTRACTOR SHALL REMOVE WET TAP AND PROVIDE CONNECTION AS SHOWN ON PLANS.

CURVE	LENGTH (FT)	RADIUS	CHORD LENGTH (FT)	DELTA (FT)	CHORD BEARING
1	43.38	1000	48.37	10.23	S0° 57' 23.77" W
2	102.30	573	102.20	2.77	N7° 30' 49.55" E
3	35.17	764	35.16	2.63	N11° 18' 42.24" E
4	60.25	573	36.98	6.00	N8° 00' 23.84" E
5	56.00	573	53.45	5.60	N1° 17' 22.21" E

LINE B



402 LF 12" PVC AWWA C 900 (DR-14) Water Pipe



NO.	DATE	REVISIONS	APPROVED			
HILLCREST AVE LINE B WATER LINE PLAN AND PROFILE CITY OF UNIVERSITY PARK						
HUITT-ZOLLARS <small>Huitt-Zollars, Inc. 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202 Phone (214) 871-3311 Fax (214) 871-0757</small>						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJ. NO.	SHEET
HD	AR	HD	1"=20'H 1"=5'V	NOV 2020	R308306.04	49

CITY OF UNIVERSITY PARK STORM DRAIN REPLACEMENT