

GENERAL CONSTRUCTION NOTES

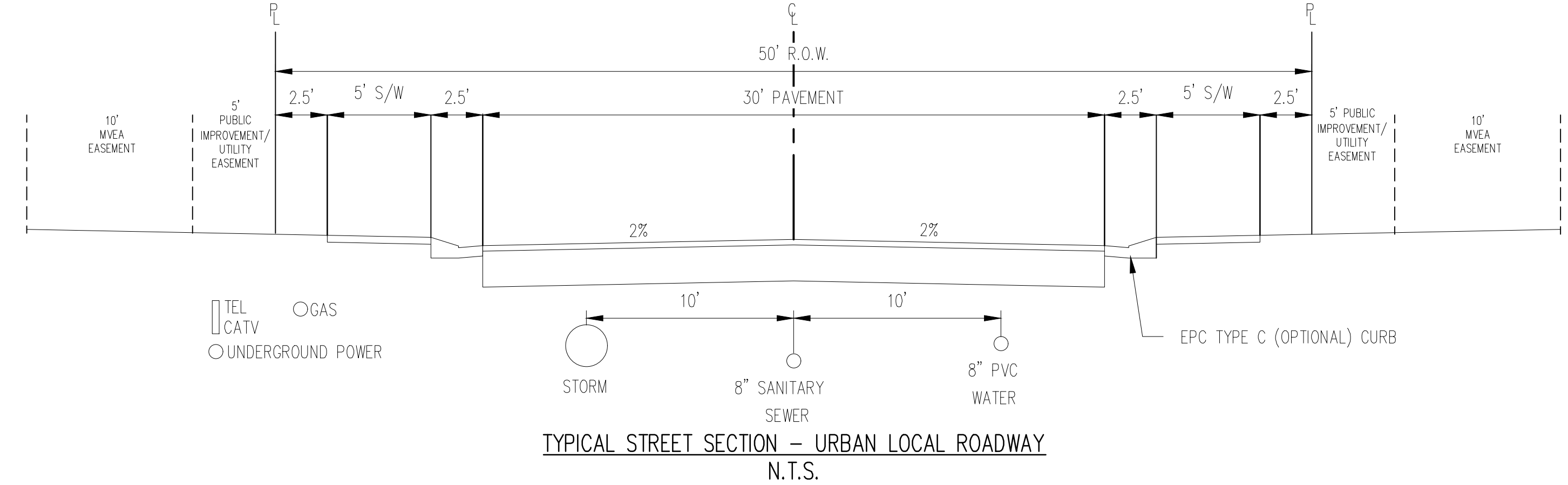
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPLACED AT THE CONTRACTORS EXPENSE AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- ALL BACKFILL, SUB-BASE AND / OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEERS RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION.
- ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED.
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC EDM APPENDIX K - 1.2C.
- ALL INTERSECTION ACCESSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" IN THIS AREA.
- ALL CULVERT AND STORM PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HOPE), OR REINFORCED CONCRETE PIPE (RCP). ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. ADEQUACY OF MATERIAL THICKNESS FOR ANY CSP INSTALLED SHALL BE VERIFIED BY OWNERS GEOTECHNICAL ENGINEER TO SUPPORT MINIMUM 50 YEAR DESIGN LIFE. CULVERTS MUST CONFORM TO EPC EDM SECTION 3.32 - CULVERTS.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED FOR ROADS SHALL BE PER DESIGN REPORT BY OWNERS GEOTECHNICAL ENGINEER. OWNERS GEOTECHNICAL ENGINEER TO BE ON SITE AT TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION PRIOR TO CONSTRUCTION.
- TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFI 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFI FW 700 OR EQUAL IS SPECIFIED.
- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS AND WITH WOODMAN HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.
- ALL POTABLE WATER MAINS SHALL BE ANWIA C900-SDR18 PVC WITH PUSH-ON SINGLE GASKET TYPE JOINTS AND SHALL MEET THE REQUIREMENTS OF ANS / NSF 61.
- ALL WATER MAIN FITTINGS SHALL BE MADE FROM GRAY-IRON OR DUCTILE IRON AND FURNISHED WITH MECHANICAL JOINT ENDS. ALL FITTINGS SHALL HAVE A PRESSURE RATING OF 250 PSI AND SHALL MEET THE REQUIREMENTS OF ANS / NSF 61.
- ALL WATER LINE BENDS, TEES, BLOW-OFFS AND PLUGS AT DEAD-END MAINS SHALL BE PROTECTED FROM THRUST BY USING CONCRETE THRUST BLOCKS AND / OR RODDING AND RESTRAINED PIPE PER THE PAINT BRUSH HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.
- MAXIMUM DEFLECTION OF 8" OR 12" PVC WATER MAIN JOINTS IS 4 DEGREES. CORRESPONDING MINIMUM CURVE RADIUS IS 286'. ADDITIONAL 11.25' OR 22.5' BENDS MAY BE REQUIRED FOR PROPER ALIGNMENT.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING DETAILED AS-BUILTS OF ALL WATER MAIN, STORM SEWER AND SANITARY. SEWER MAIN INSTALLATIONS, INCLUDING ACCURATE DISTANCES OF MAIN LINES, VALVES, FITTINGS, MANHOLES AND LOCATIONS OF WATER AND SEWER SERVICES.
- SANITARY SEWER PIPE AND FITTINGS: PVC 4" - 8" ASTM D3034, TYPE PSM, SDR 35; PUSH-ON JOINTS AND MOLDED RUBBER GASKETS MAXIMUM HORIZONTAL DEFLECTIONS, AFTER INSTALLATION AND BACK FILLING SHALL NOT EXCEED 3% OF THE PIPE DIAMETER. (MINIMUM CURVE RADIUS IS 100' FOR 8" PVC SANITARY SEWER MAIN)

STANDARD NOTES FOR EPC CONSTRUCTION PLAN

- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
- CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
 - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - CDOT M & S STANDARDS
- NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ON-SITE AND OFF-SITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER EDM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND OUTER AND PAVEMENT.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DPW AND MUTCD CRITERIA. (IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.)
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

SIGNING AND STRIPING NOTES

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
- ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
- STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
- ALL STREET NAME SIGNS SHALL HAVE 'D' SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING; UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 35 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 12" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD STANDARD HIGHWAY SIGNS. SIGNAL POLE MOUNTED AND OVERHEAD STREET NAME SIGNS SHALL BE PER MUTCD SIZE STANDARDS.
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75' X 1.75' SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-622-1. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALK LINES SHALL BE 24" WIDE AND A MINIMUM OF 9' LONG.
- WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE.
- ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
- THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
- THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.



STREET NAMES

- HENZLEE PL
- SOPHIA LN
- DAELYN DR
- KITTRICK PL
- ISABEL PL



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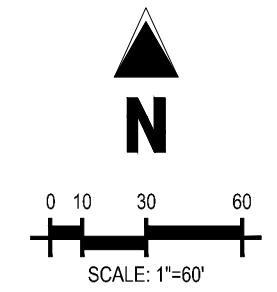
CONSTRUCTION DOCUMENTS
FALCON MEADOWS AT BENT GRASS FILING NO. 3
FOR
CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: CLH000020
Drawn By: CMWJ
Checked By: RGD
Date: 08/25/2022

NOTES



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OVERALL HORIZONTAL CONTROL

C1.0
Sheet 3 of 14

LEGEND

	EXISTING PROPERTY LINE
	EXISTING PROPERTY LINE TO BE REMOVED
	PROPOSED RIGHT OF WAY LINE
	PROPOSED CENTER LINE
	EXISTING LOT LINE
	PROPOSED LOT LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
	100-YEAR FEMA FLOODPLAIN
	113 PROPOSED LOT #
	101 EXISTING LOT #

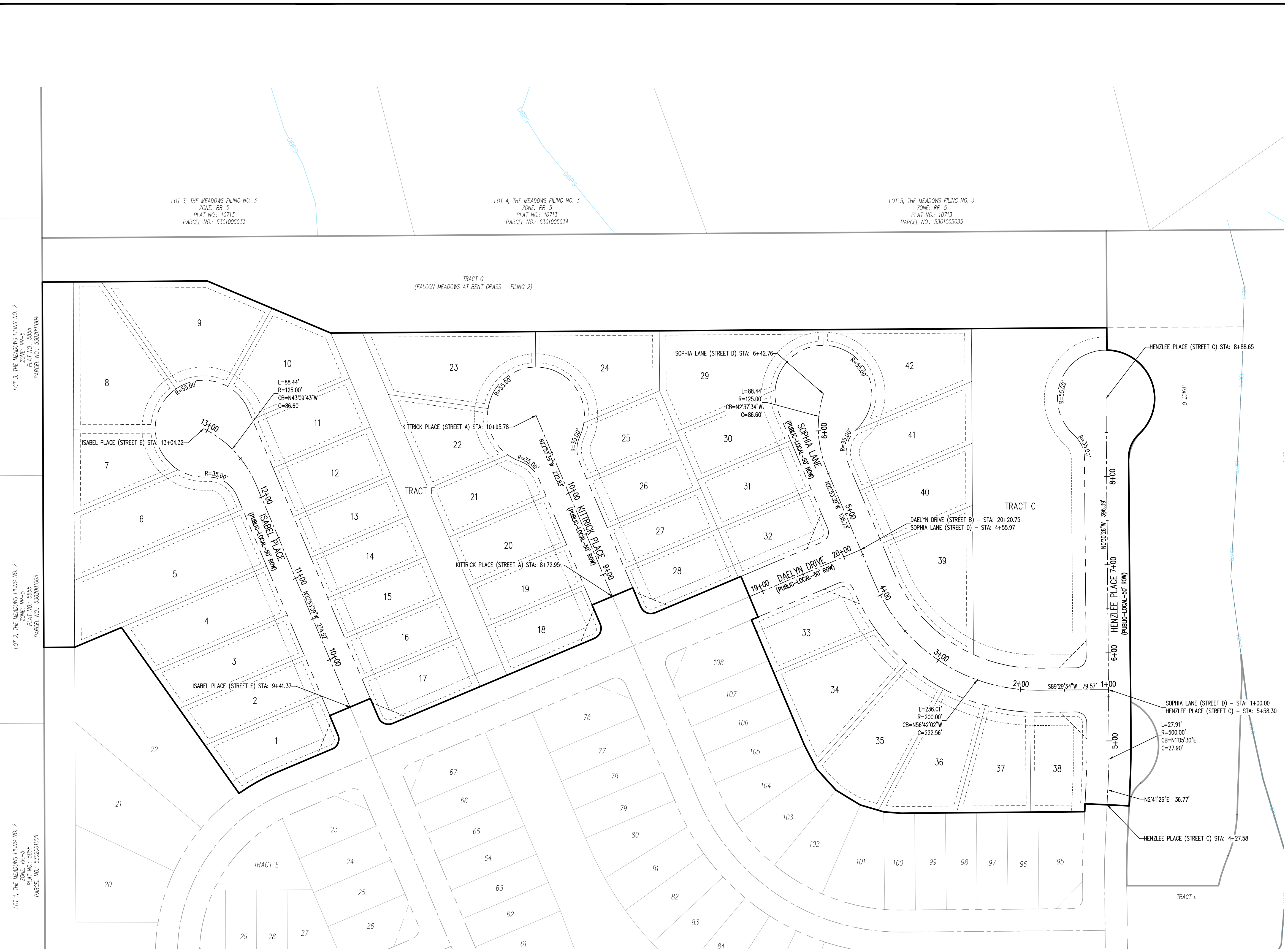
BASIS OF BEARINGS
ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, 113S, R65W AND THE WEST QUARTER CORNER SECTION 1, 113S, R65W IS N001°14'48"W AND MONUMENTED AS SHOWN.

BENCHMARK
THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L5# 24954 ELEVATION = 6947.67

CAUTION - NOTICE TO CONTRACTOR
1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



LOT 3, THE MEADOWS FILING NO. 3
ZONE: RR-5
PLAT NO.: 10713
PARCEL NO.: S301005033

LOT 4, THE MEADOWS FILING NO. 3
ZONE: RR-5
PLAT NO.: 10713
PARCEL NO.: S301005034

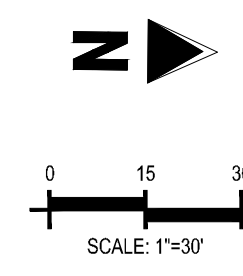
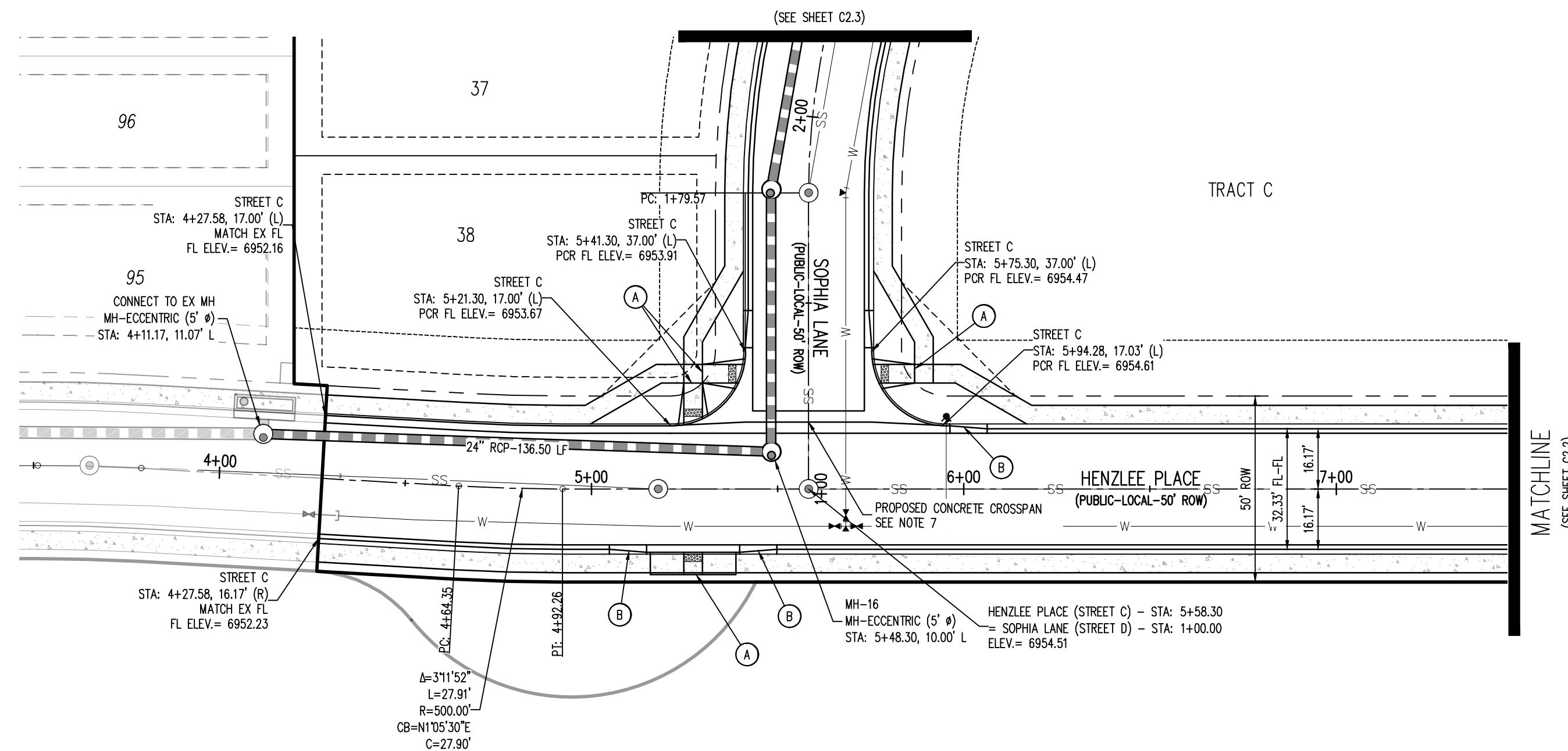
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ZONE: RR-5
PLAT NO.: 10713
PARCEL NO.: S301005035

LOT 1, THE MEADOWS FILING NO. 2
ZONE: RR-5
PLAT NO.: 5855
PARCEL NO.: S02200108

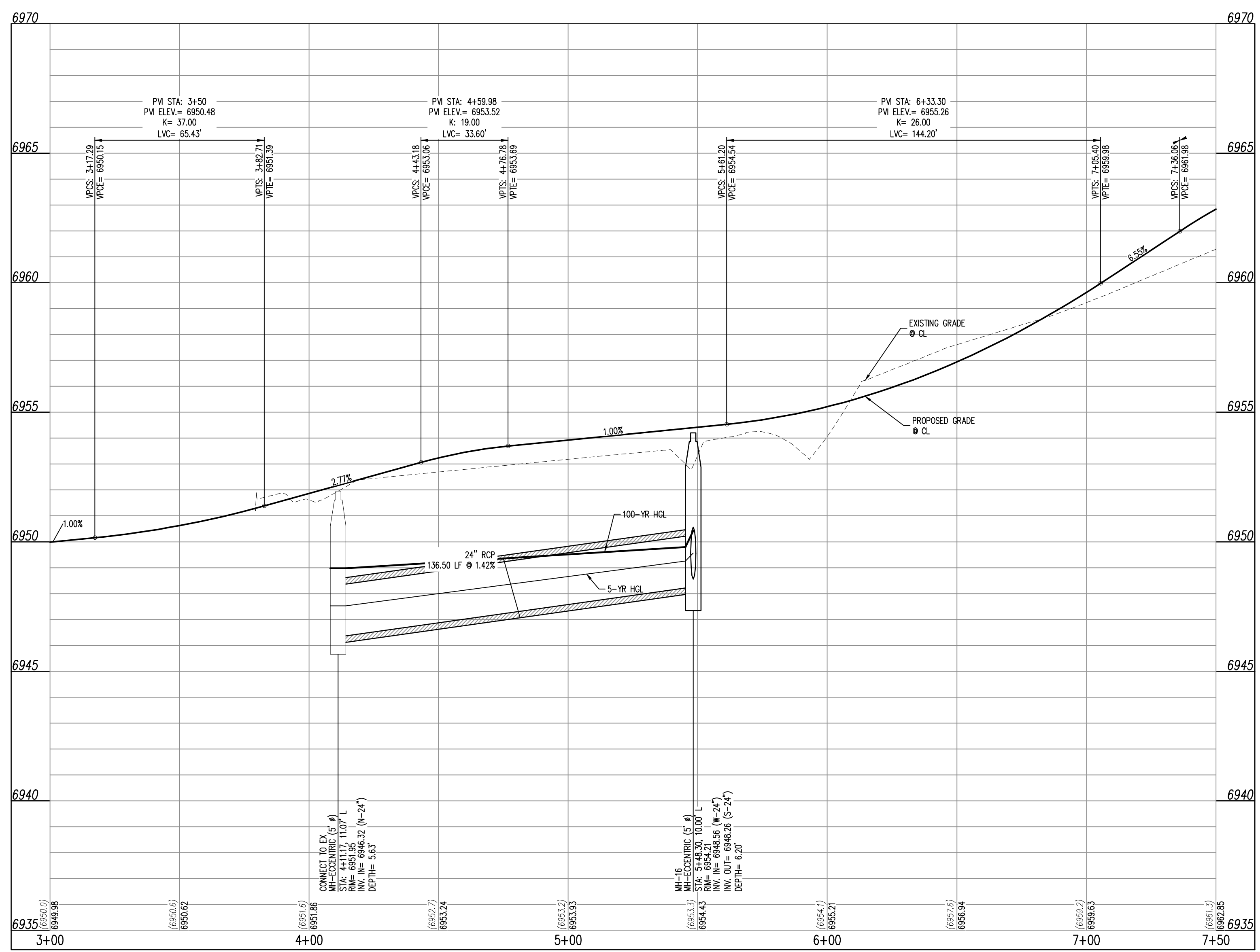
LOT 2, THE MEADOWS FILING NO. 2
ZONE: RR-5
PLAT NO.: 5855
PARCEL NO.: S02200109

LOT 3, THE MEADOWS FILING NO. 2
ZONE: RR-5
PLAT NO.: 5855
PARCEL NO.: S02200104

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HENZLEE PLACE (STREET C) - PUBLIC 50' R.O.W.
25 MPH DESIGN SPEED (LOCAL)



HENZLEE PLACE (STREET C)
STA: 3+00 - 7+50 SCALE: H: 1"=30' V: 1"=3'

NOTES

1. ALL STATION CALLOUTS ARE IN RELATION TO THE CENTERLINE OF ROADWAY, THEREFORE STORM SEWER MANHOLE RIMS AND INLETS MAY APPEAR TO NOT MEET FINISH GRADE.
2. STORM SEWER INLET FLOW LINE ELEVATION CALLOUTS TO NOT ACCOUNT FOR FLOW LINE DEPRESSION AT STORM SEWER INLET.
3. ALL SPOT ELEVATIONS ARE TO FLOW LINE UNLESS OTHERWISE NOTED.
4. SEE GRADING PLAN FOR ALL GRADING INFORMATION.
5. ALL STORM SEWER SHALL BE CLASS III RCP.
6. ALL STORM SEWER MANHOLES SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
7. ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL SD2-26.

- (C/D) CURVE TABLE ID
- (A) PEDESTRIAN RAMP, SEE DETAILS (EP CD.2-40 & SD.2-41)
- (B) PROPOSED 10' CURB TRANSITION
- (C) PROPOSED 5' CURB TRANSITION

LEGEND

(---)	EXISTING PROPERTY LINE
(---	EXISTING PROPERTY LINE TO BE REMOVED
(- - - -)	PROPOSED RIGHT OF WAY LINE
(---)	EXISTING LOT LINE
(- - - -)	PROPOSED LOT LINE
(---	EXISTING EASEMENT
(---	PROPOSED EASEMENT
(---	EXISTING SUBDIVISION BUFFER
(---	EXISTING STORM DRAIN PIPE
(---)	PROPOSED STORM DRAIN PIPE
(---	EXISTING WATER LINE
(---	PROPOSED WATER LINE
(---	EXISTING SANITARY SEWER LINE
(---	PROPOSED SANITARY SEWER LINE
(---	EXISTING DRAINAGE FEATURE OUTLINE
(---	PROPOSED DRAINAGE FEATURE OUTLINE
(---)	EXISTING SWALE WITH FLOW DIRECTION
(---)	PROPOSED SWALE WITH FLOW DIRECTION
(---)	100-YR FEMA FLOODPLAIN
(---)	PROPOSED CDOT CLASS 6 GRAVEL
(---)	PROPOSED RIP RAP
(---)	EXISTING CONCRETE PAVING
(---)	EXISTING CDOT CLASS 6 GRAVEL
(---)	EXISTING 1" TO 2" CRUSHED ROCK
(---)	EXISTING RIP RAP
(---)	EXISTING GROUTED BOULDERS
(---)	PROPOSED LOT #
(---)	EXISTING LOT # (BENT GRASS FILING NO. 2)
(---)	PROPOSED ADA RAMP
(---)	PROPOSED FIRE HYDRANT
(---)	PROPOSED GATE VALVE
(---)	PROPOSED REDUCER
(---)	PROPOSED WATER BEND/TIE
(---)	PROPOSED SANITARY MANHOLE
(---)	PROPOSED FES
(---)	PROPOSED STORM MANHOLE
(---)	PROPOSED CDOT TYPE R STORM INLET

CONTRACTOR MUST COORDINATE WORK WITH WOODMEN HILLS METROPOLITAN DISTRICT PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

LENGTHS OF STORM SEWER ARE THE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED. THEREFORE LENGTHS SHOWN ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND STRUCTURE WIDTHS.

MAINTAIN MINIMUM 18" VERTICAL AND 10' HORIZONTAL SEPARATION BETWEEN STORM SEWER AND POTABLE WATER OR WASTEWATER. A 12" VERTICAL CLEARANCE MUST BE MAINTAINED BETWEEN IRRIGATION LINES.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

BASIS OF BEARINGS

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, 113S, R65W AND THE WEST QUARTER CORNER SECTION 1, 113S, R65W IS N007°14'6"W AND MONUMENTED AS SHOWN.

BENCHMARK

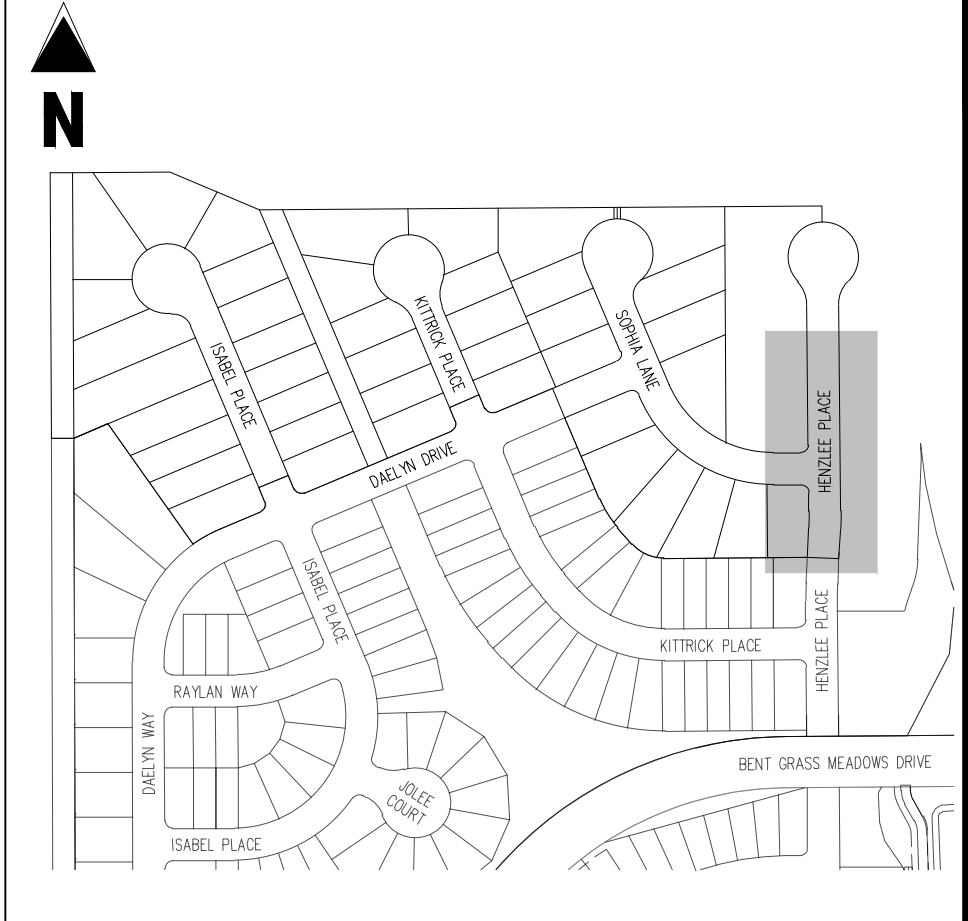
THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L5# 24554 ELEVATION = 6947.67

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KEY MAP
SCALE: 1"=300'



Galloway

1155 Kelly Johnson Blvd., Suite 305
Colorado Springs, CO 80920
719.900.7220
GallowayUS.com

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CHALLENGER HOMES

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Project No:	CLH000020
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HENZLEE PLACE STREET IMPROVEMENT PLAN

C2.1
Sheet 5 of 14



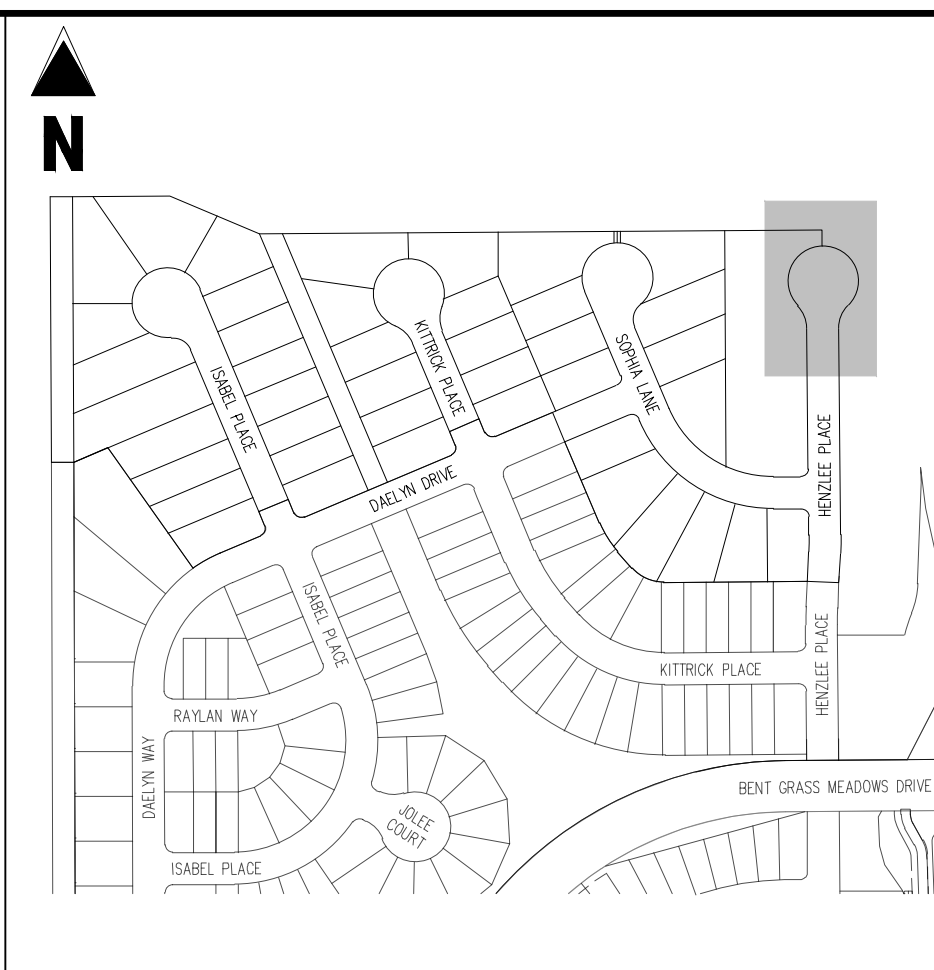
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HENZLEE PLACE STREET IMPROVEMENT PLAN



KEY MAP
SCALE: 1"=300'

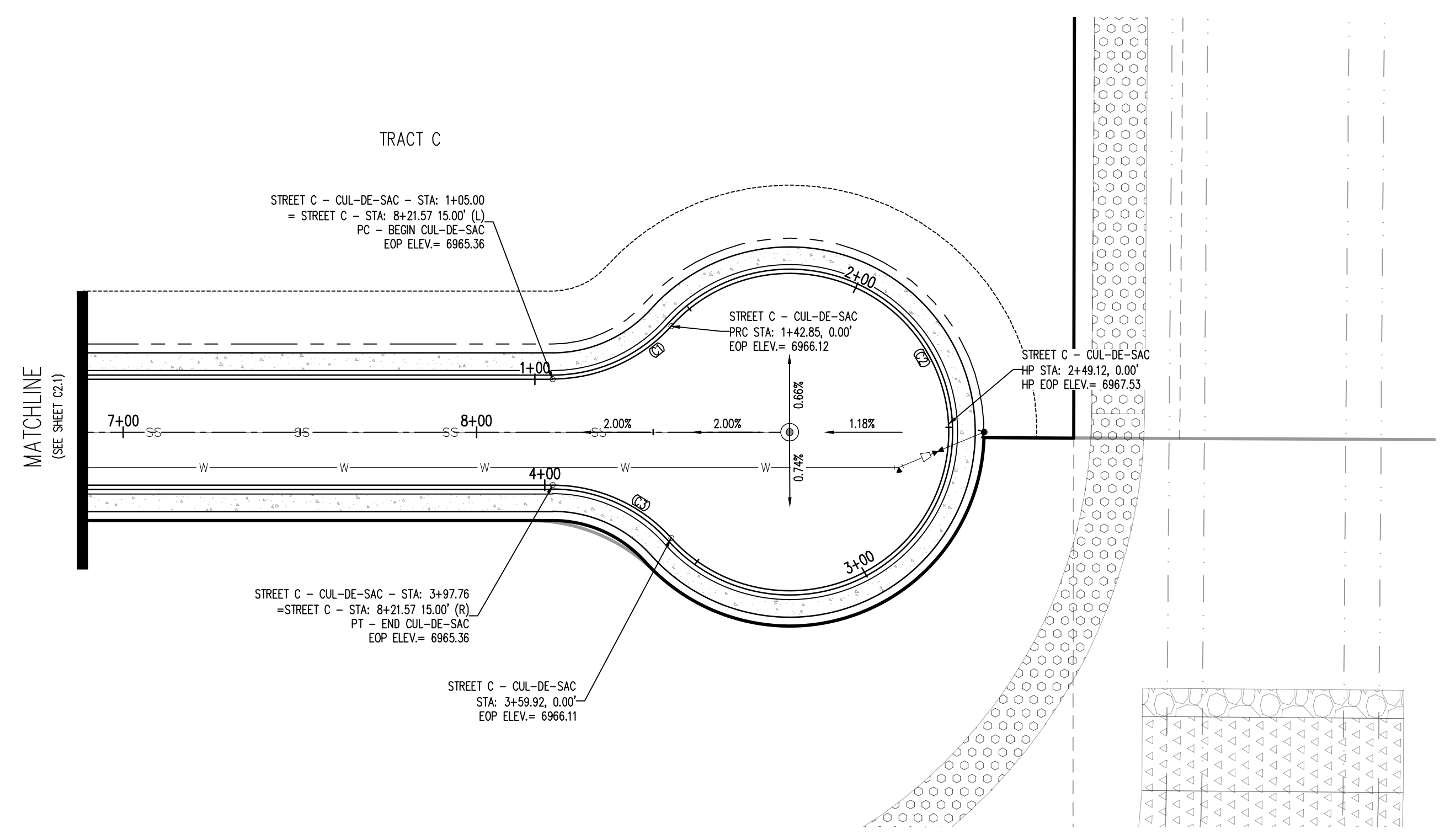
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- EXISTING PROPERTY LINE TO BE REMOVED
- PROPOSED RIGHT OF WAY LINE
- EXISTING LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING SUBDIVISION BUFFER
- EXISTING STORM DRAIN PIPE
- PROPOSED STORM DRAIN PIPE
- EXISTING WATER LINE
- PROPOSED WATER LINE
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- PROPOSED DRAINAGE FEATURE OUTLINE
- EXISTING SWALE WITH FLOW DIRECTION
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- EXISTING 1" TO 2" CRUSHED ROCK
- EXISTING RIP RAP
- EXISTING GROUTED BOULDERS
- PROPOSED LOT #
- EXISTING LOT # (BENT GRASS FILING NO. 2)
- PROPOSED ADA RAMP
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED WATER BEND/TIE
- PROPOSED SANITARY MANHOLE
- PROPOSED FES
- PROPOSED STORM MANHOLE
- PROPOSED CDOT TYPE R STORM INLET

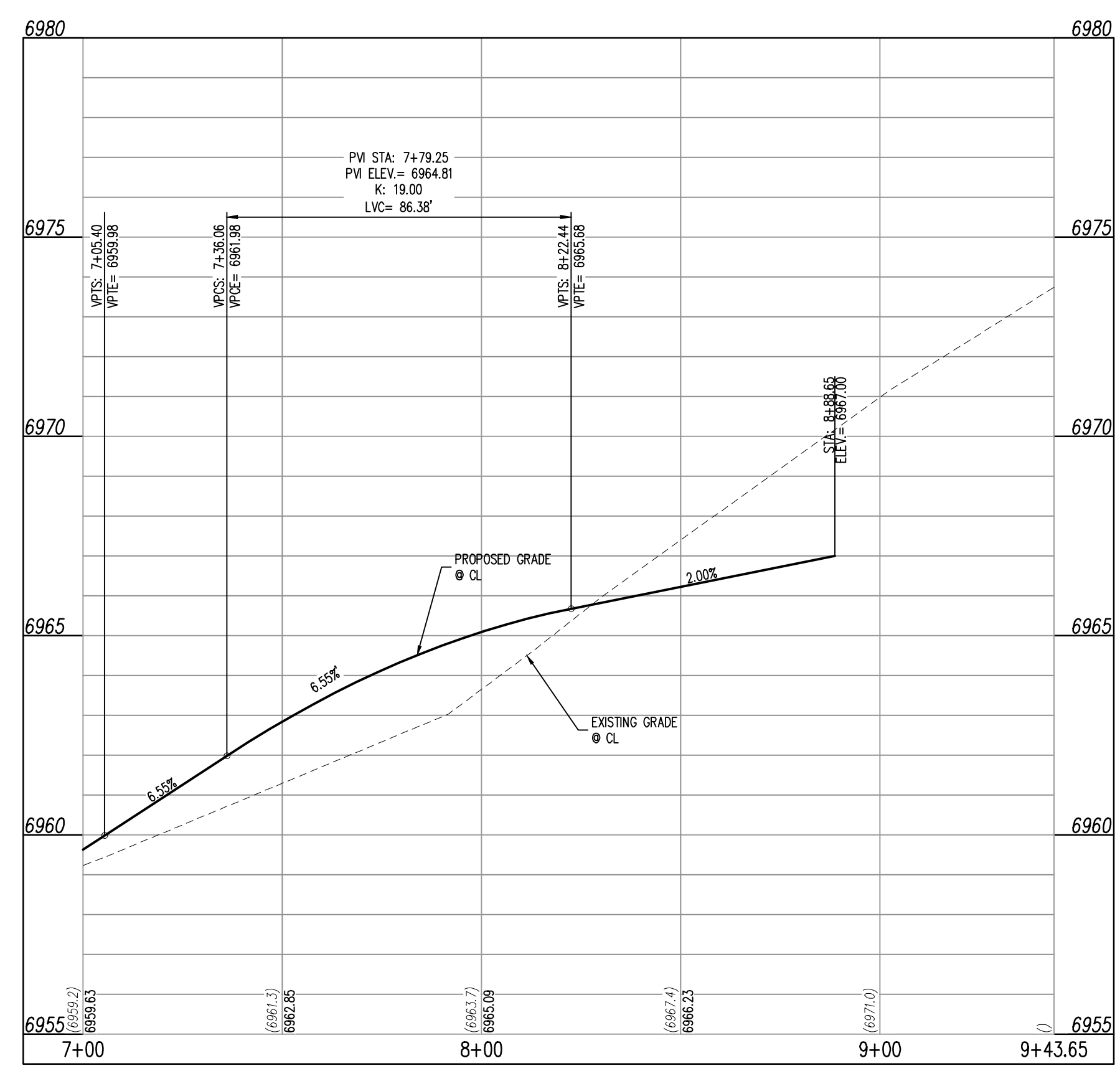
- ### NOTES
- ALL STATION CALLOUTS ARE IN RELATION TO THE CENTERLINE OF ROADWAY, THEREFORE STORM SEWER MANHOLE RIMS AND INLETS MAY APPEAR TO NOT MEET FINISH GRADE DEPRESSION AT STORM SEWER INLET
 - STORM SEWER INLET FLOW LINE ELEVATION CALLOUTS TO NOT ACCOUNT FOR FLOW LINE DEPRESSION AT STORM SEWER INLET
 - ALL SPOT ELEVATIONS ARE TO FLOW LINE UNLESS OTHERWISE NOTED
 - SEE GRADING PLAN FOR ALL GRADING INFORMATION
 - ALL STORM SEWER SHALL BE CLASS II RIP
 - ALL STORM SEWER MANHOLES SHALL BE TYPE 1 UNLESS OTHERWISE NOTED
 - ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL SD2-26
- (C) CURVE TABLE ID
- (A) PEDESTRIAN RAMP, SEE DETAILS (EPC SD_2-40 & SD_2-41)
 - (B) PROPOSED 10' CURB TRANSITION
 - (C) PROPOSED 5' CURB TRANSITION

CURVE SEGMENT TABLE - EDGE OF PAVEMENT

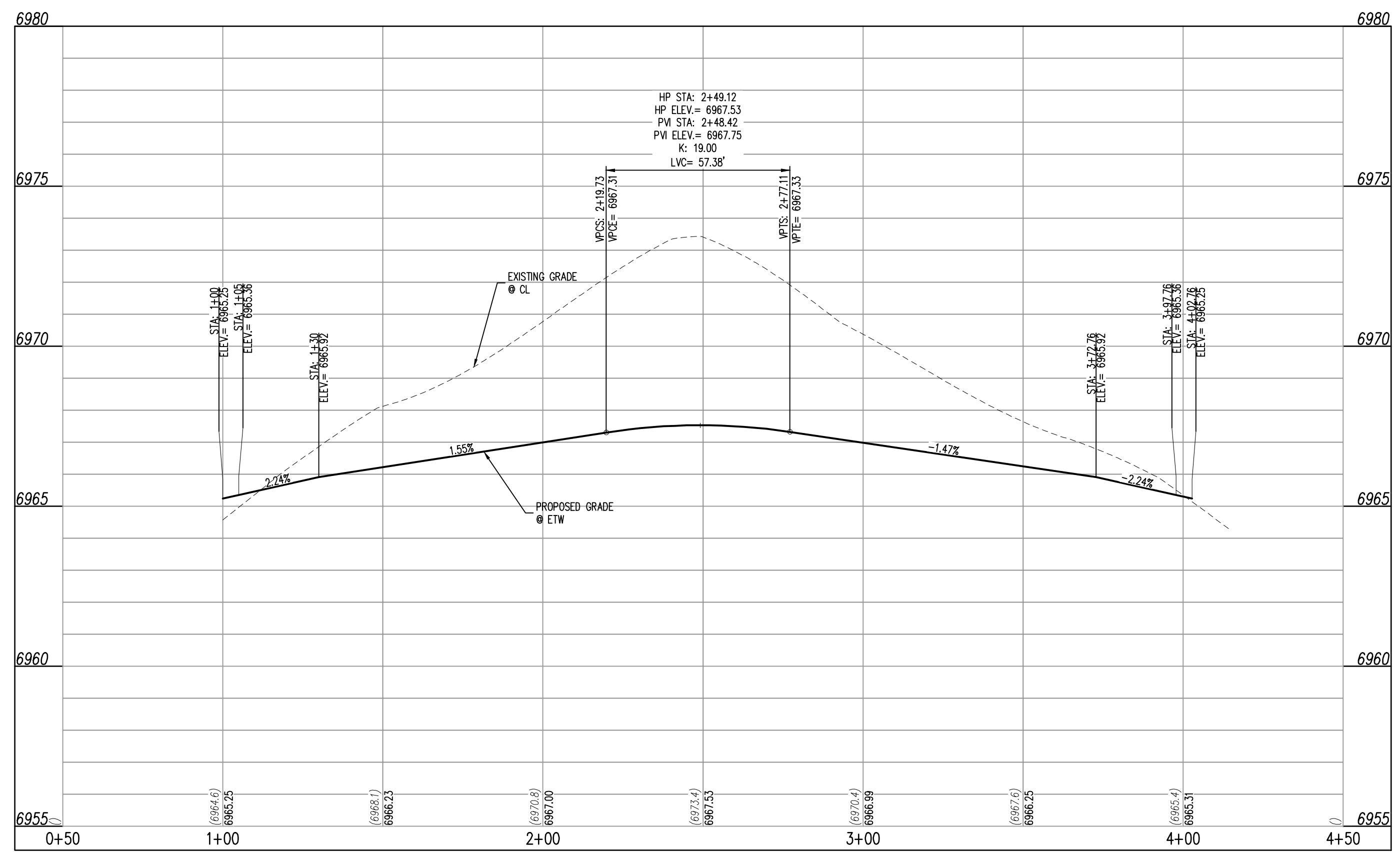
CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C1	48°11'23"	37.85	45.00	S24°36'07"E	36.74
C2	27°22'46"	217.07	45.00	S89°23'34"W	60.00
C3	48°11'23"	37.85	45.00	N23°35'16"E	36.74



HENZLEE PLACE (STREET C) - PUBLIC 50' R.O.W.
25 MPH DESIGN SPEED (LOCAL)



HENZLEE PLACE (STREET C)
STA: 7+00 - 9+43.65 SCALE: H: 1"=30' V: 1"=3'



HENZLEE PLACE (STREET C - CUL-DE-SAC)
STA: 0+50 - 4+50 SCALE: H: 1"=30' V: 1"=3'

CONTRACTOR MUST COORDINATE WORK WITH WOODMEN HILLS METROPOLITAN DISTRICT PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

LENGTHS OF STORM SEWER ARE THE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED. THEREFORE LENGTHS SHOWN ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND STRUCTURE WIDTHS.

MAINTAIN MINIMUM 18" VERTICAL AND 10' HORIZONTAL SEPARATION BETWEEN STORM SEWER AND POTABLE WATER OR WASTEWATER. A 12" VERTICAL CLEARANCE MUST BE MAINTAINED BETWEEN IRRIGATION LINES.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

BASIS OF BEARINGS
ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, 113S, R65W AND THE WEST QUARTER CORNER SECTION 1, 113S, R65W IS N00°13'46"W AND MONUMENTED AS SHOWN.

BENCHMARK
THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L5# 245#4 ELEVATION = 6947.67

CAUTION - NOTICE TO CONTRACTOR

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- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



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Call before you dig.



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CHALLENGER
HOMES

CONSTRUCTION DOCUMENTS
FALCON MEADOWS AT BENT GRASS FILING NO. 3
FOR
CHALLENGER COMMUNITIES, LLC
BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

Date Issue / Description Init.

#	Date	Issue / Description	Init.

Project No: CLH000020

Drawn By: CMMWJ

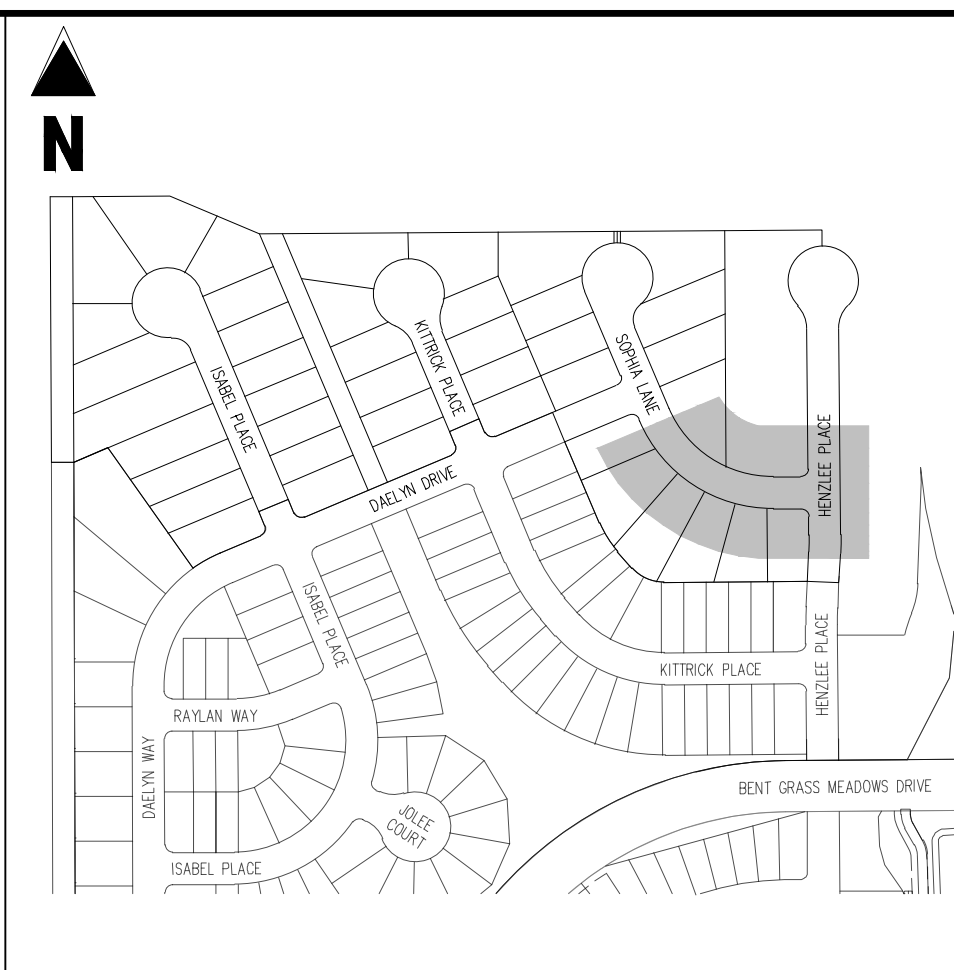
Checked By: RGD

Date: 08/25/2022

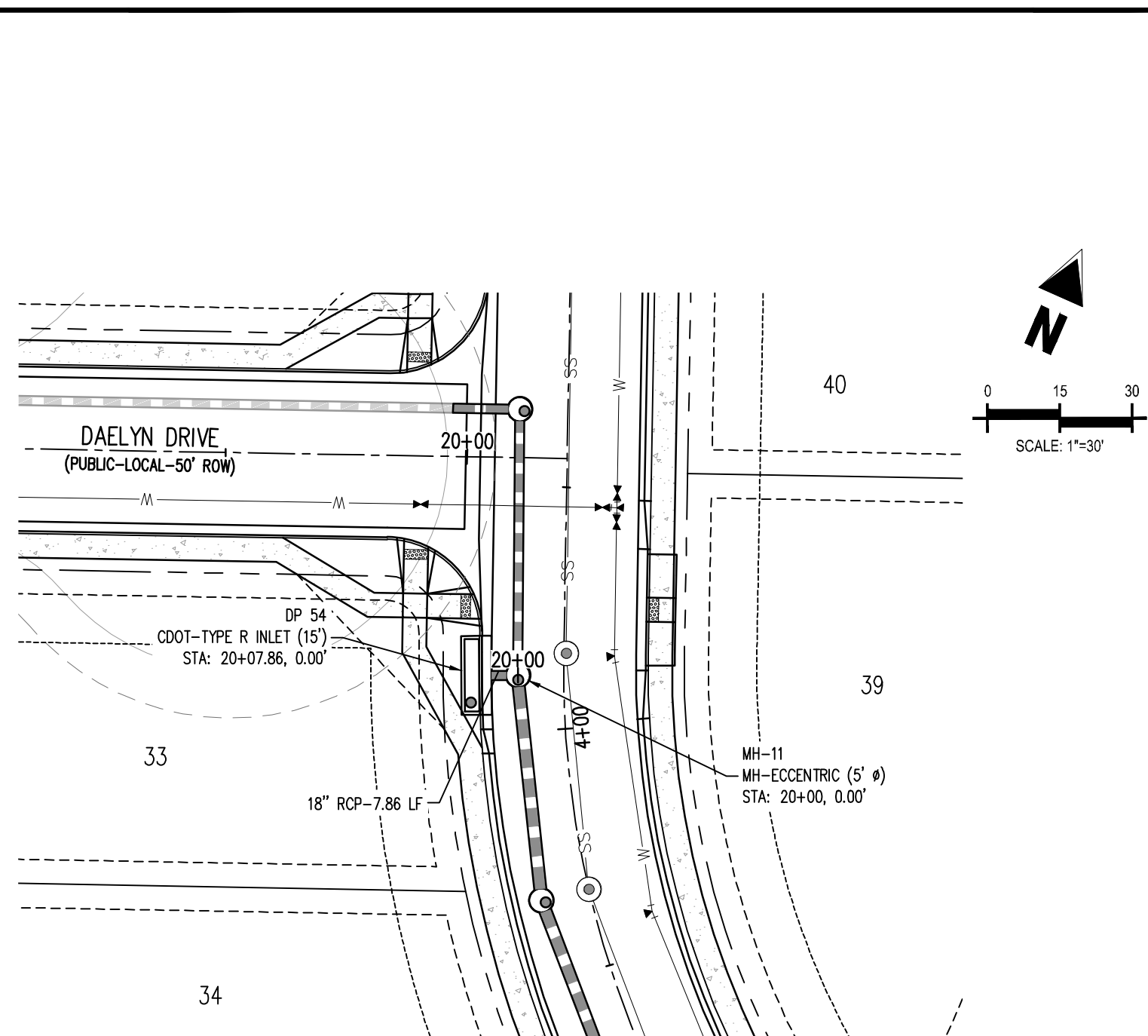
SOPHIA LANE STREET IMPROVEMENT PLAN

C2.3

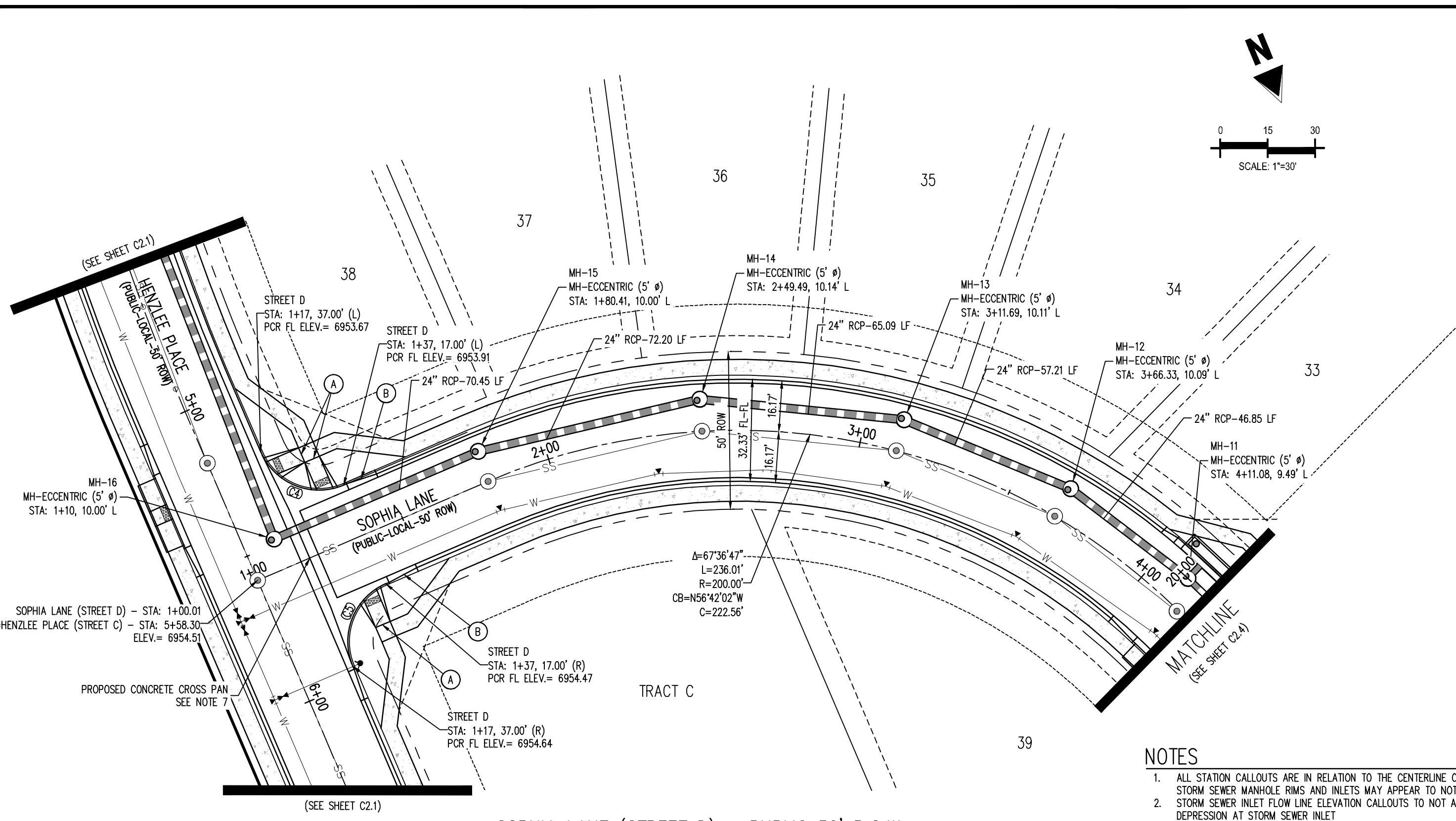
Sheet 7 of 14



KEY MAP
SCALE: 1"=300'



STORM B - LATERAL 1
STA: 20+00.00 - 20+07.86



SOPHIA LANE (STREET D) - PUBLIC 50' R.O.W.
25 MPH DESIGN SPEED (LOCAL)

CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C4	90°00'00"	31.42	20.00	N45°30'26"W	28.28
C5	90°00'00"	31.42	20.00	S44°29'34"W	28.28

NOTES

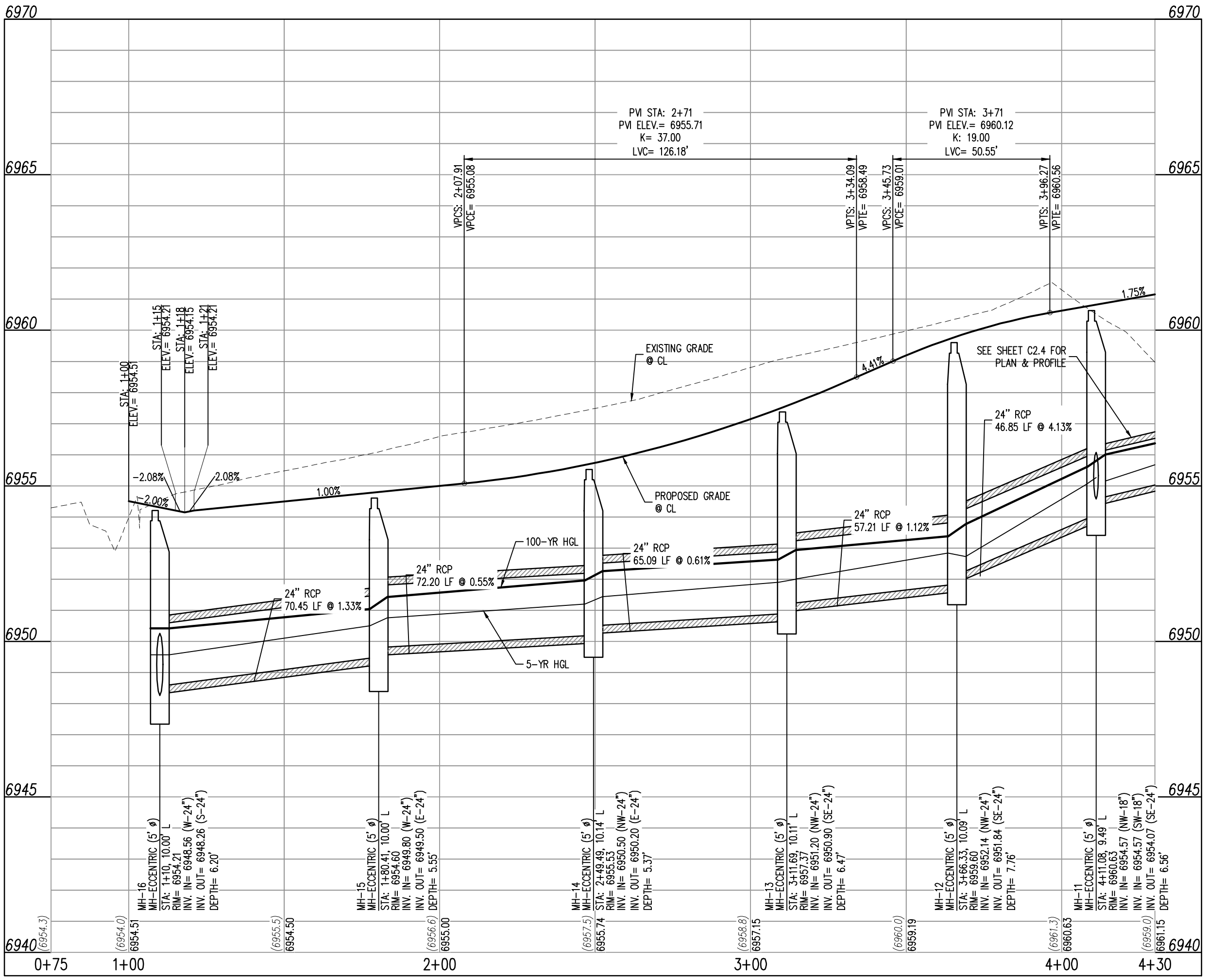
- 1. ALL STATION CALLOUTS ARE IN RELATION TO THE CENTERLINE OF ROADWAY; THEREFORE STORM SEWER MANHOLE RIMS AND INLETS MAY APPEAR TO NOT MEET FINISH GRADE DEPRESSION AT STORM SEWER INLET.
- 2. STORM SEWER INLET FLOW LINE ELEVATION CALLOUTS TO NOT ACCOUNT FOR FLOW LINE DEPRESSION AT STORM SEWER INLET.
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- 4. SEE GRADING PLAN FOR ALL GRADING INFORMATION.
- 5. ALL STORM SEWER SHALL BE CLASS III RCP.
- 6. ALL STORM SEWER MANHOLES SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
- 7. ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL SD2-26.

(C4) CURVE TABLE ID

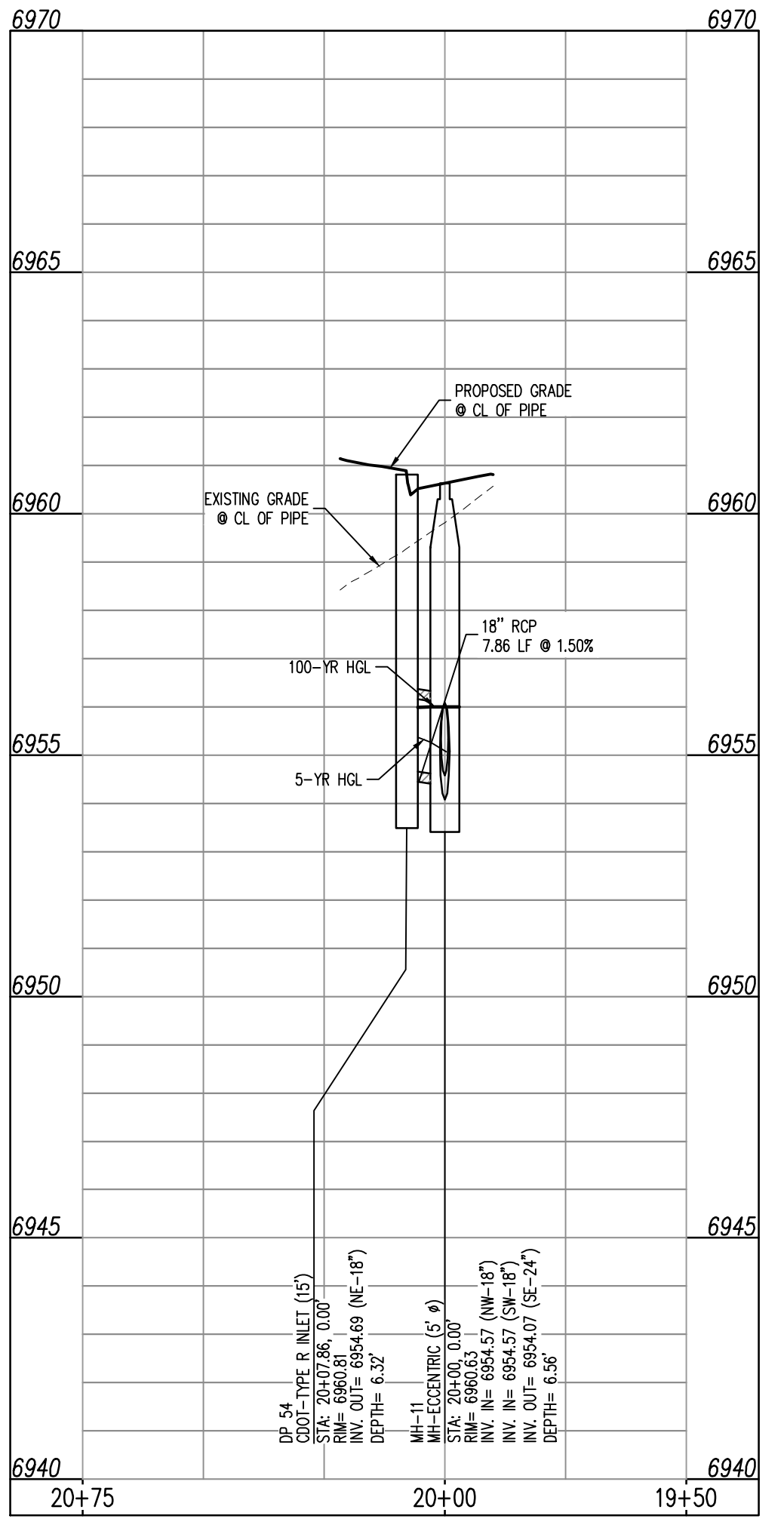
(A) PEDESTRIAN RAMP, SEE DETAILS (EPC SD_2-40 & SD_2-41)

(B) PROPOSED 10' CURB TRANSITION

(C) PROPOSED 5' CURB TRANSITION



SOPHIA LANE (STREET D)
STA: 0+75 - 4+30 SCALE: H: 1"=30' V: 1"=3'



STORM B - LATERAL 1
STA: 20+00.00 - 20+07.86 SCALE: H: 1"=30' V: 1"=3'

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PROPERTY LINE TO BE REMOVED
- PROPOSED RIGHT OF WAY LINE
- EXISTING LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING SUBDIVISION BUFFER
- EXISTING STORM DRAIN PIPE
- PROPOSED STORM DRAIN PIPE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED SANITARY SEWER LINE
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- PROPOSED DRAINAGE FEATURE OUTLINE
- EXISTING SWALE WITH FLOW DIRECTION
- PROPOSED SWALE WITH FLOW DIRECTION
- 100-YEAR FEMA FLOODPLAIN
- PROPOSED CDOT CLASS 6 GRAVEL
- PROPOSED RIP RAP
- EXISTING CONCRETE PAVING
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- EXISTING 1" TO 2" CRUSHED ROCK
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BENCHMARK
THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYOR'S CAP ON A NO. 4 REBAR L5# 24554 ELEVATION = 6947.67

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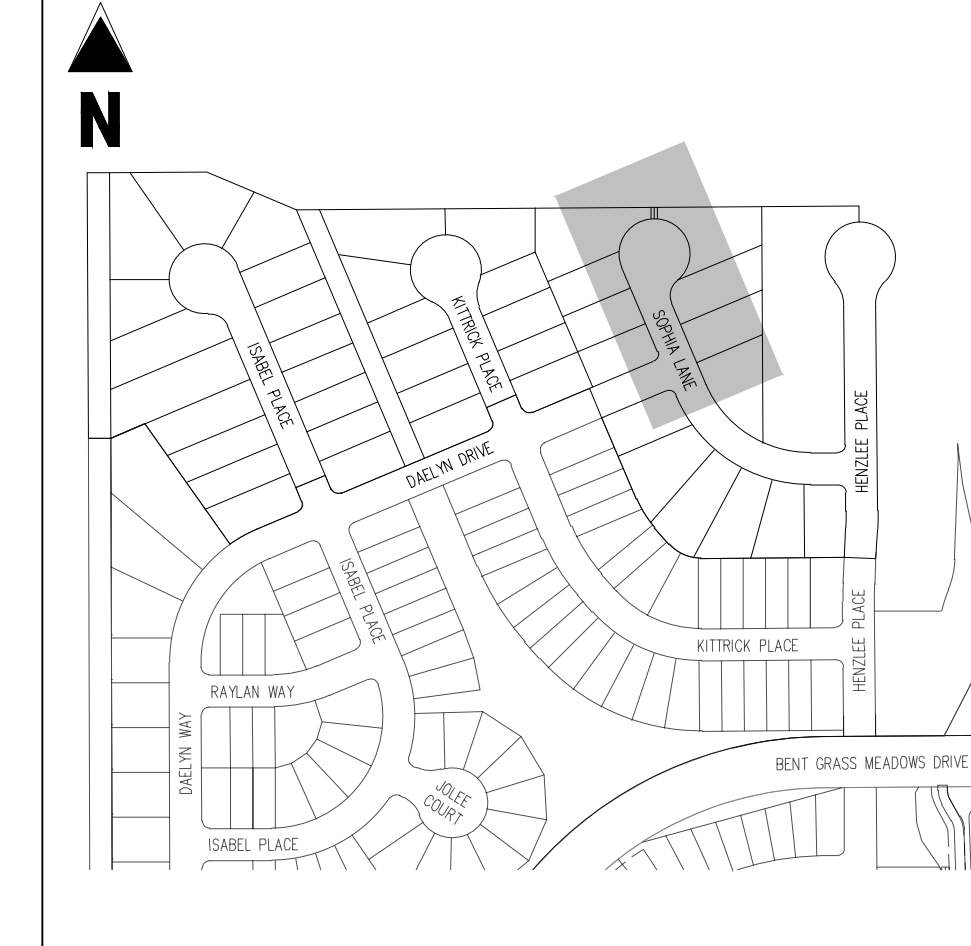


CONSTRUCTION DOCUMENTS
FALCON MEADOWS AT BENT GRASS FILING NO. 3
FOR
CHALLENGER COMMUNITIES, LLC
BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

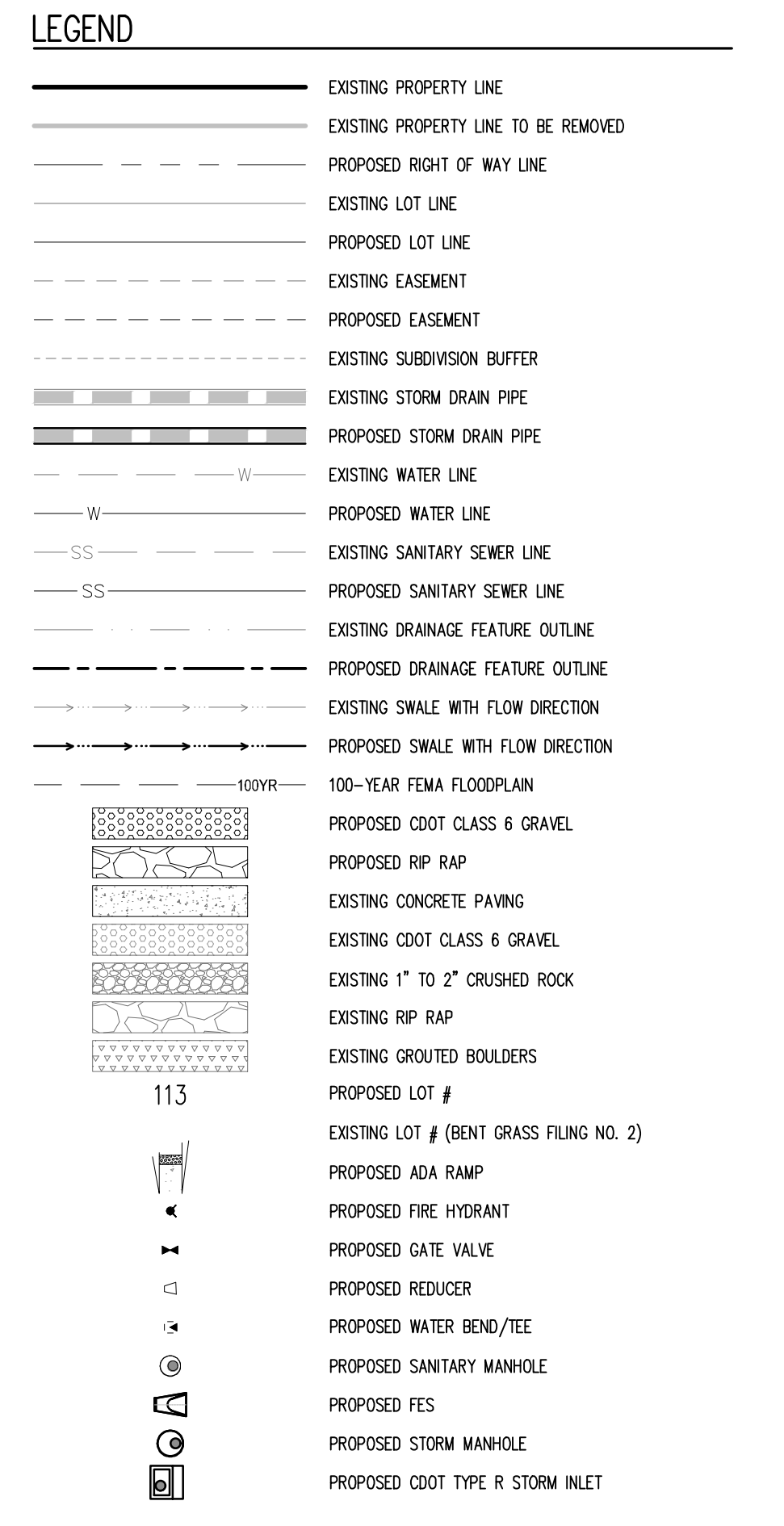
#	Date	Issue / Description	Init.

Project No: CLH000020
Drawn By: CMWJ
Checked By: RGD
Date: 08/25/2022

SOPHIA LANE STREET IMPROVEMENT PLAN



KEY MAP
SCALE: 1"=300'



CONTRACTOR MUST COORDINATE WORK WITH WOODMEN HILLS METROPOLITAN DISTRICT PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

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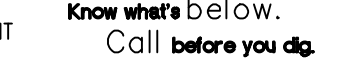
SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

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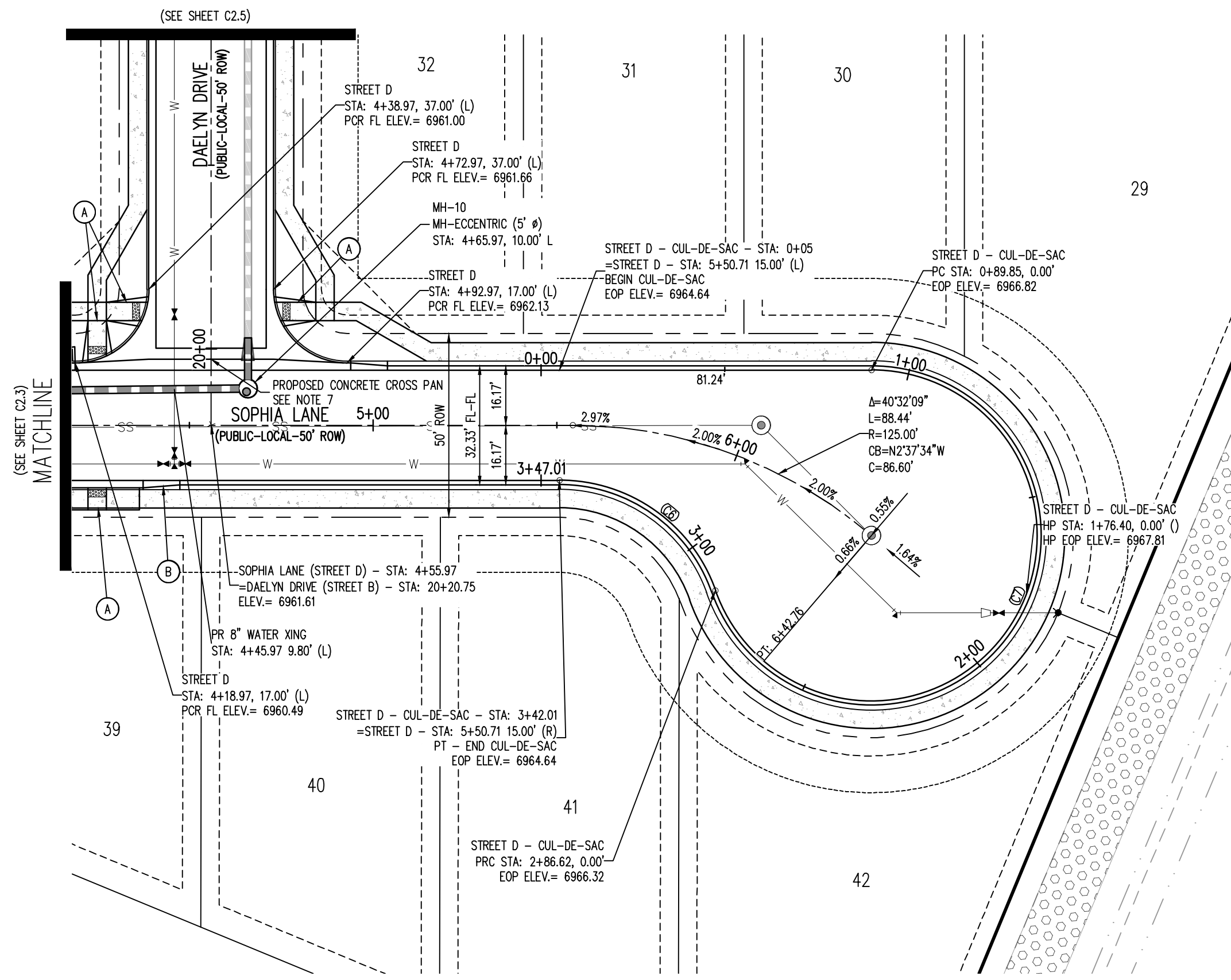
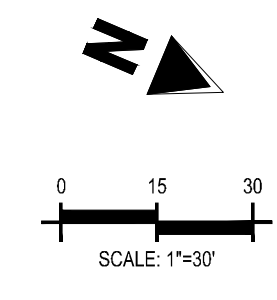
BENCHMARK
THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L5# 24554 ELEVATION = 6947.67

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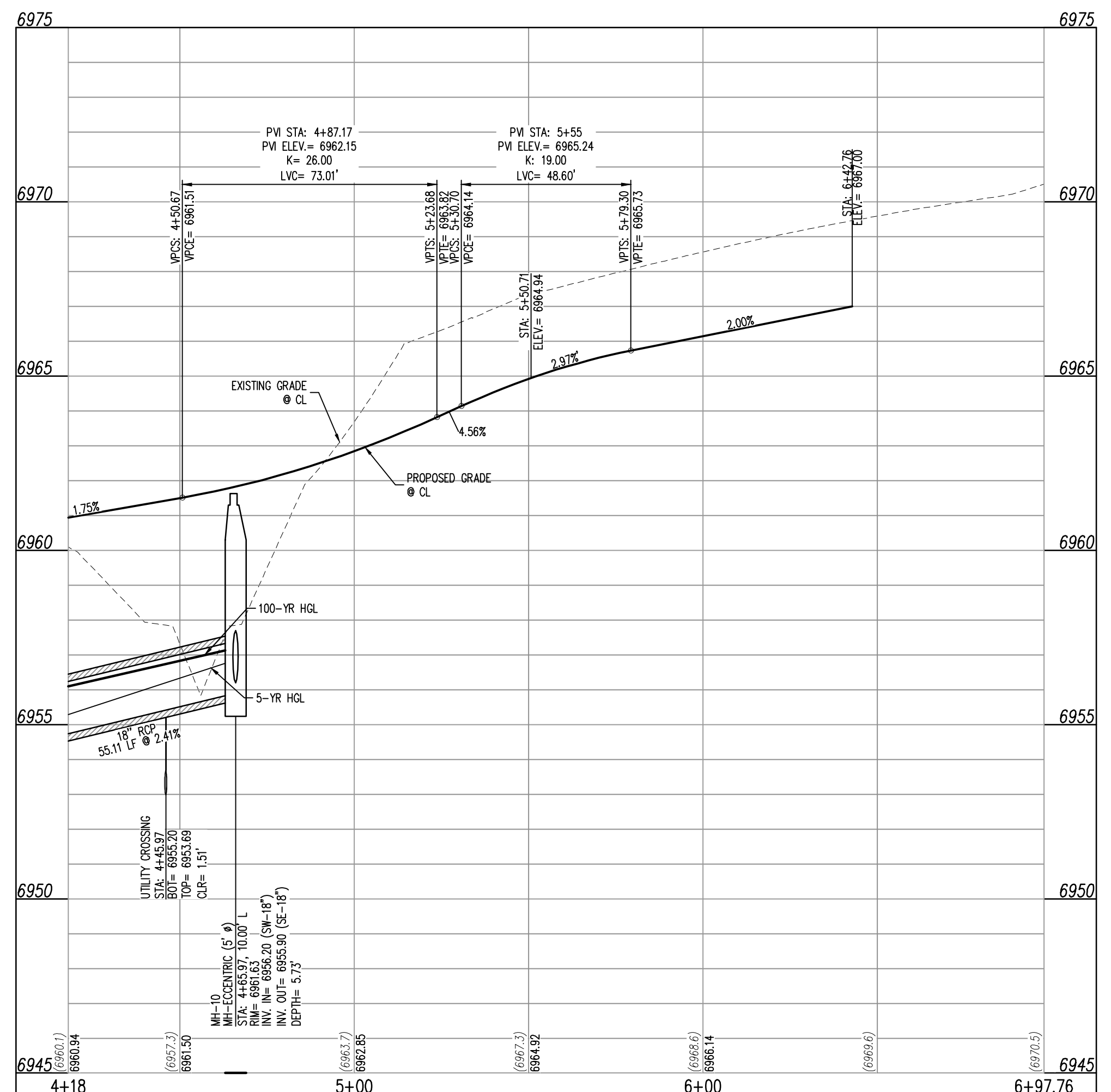


- NOTES**
1. ALL STATION CALLOUTS ARE IN RELATION TO THE CENTERLINE OF ROADWAY, THEREFORE STORM SEWER MANHOLE RISKS AND INLETS MAY APPEAR TO NOT MEET FINISH GRADE.
 2. STORM SEWER INLET FLOW LINE ELEVATION CALLOUTS TO NOT ACCOUNT FOR FLOW LINE DEPRESSION AT STORM SEWER INLET.
 3. ALL SPOT ELEVATIONS ARE TO FLOW LINE UNLESS OTHERWISE NOTED.
 4. SEE GRADING PLAN FOR ALL GRADING INFORMATION.
 5. ALL STORM SEWER SHALL BE CLASS III RCP.
 6. ALL STORM SEWER MANHOLES SHALL BE TYPE I UNLESS OTHERWISE NOTED.
 7. ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL SD2-26.

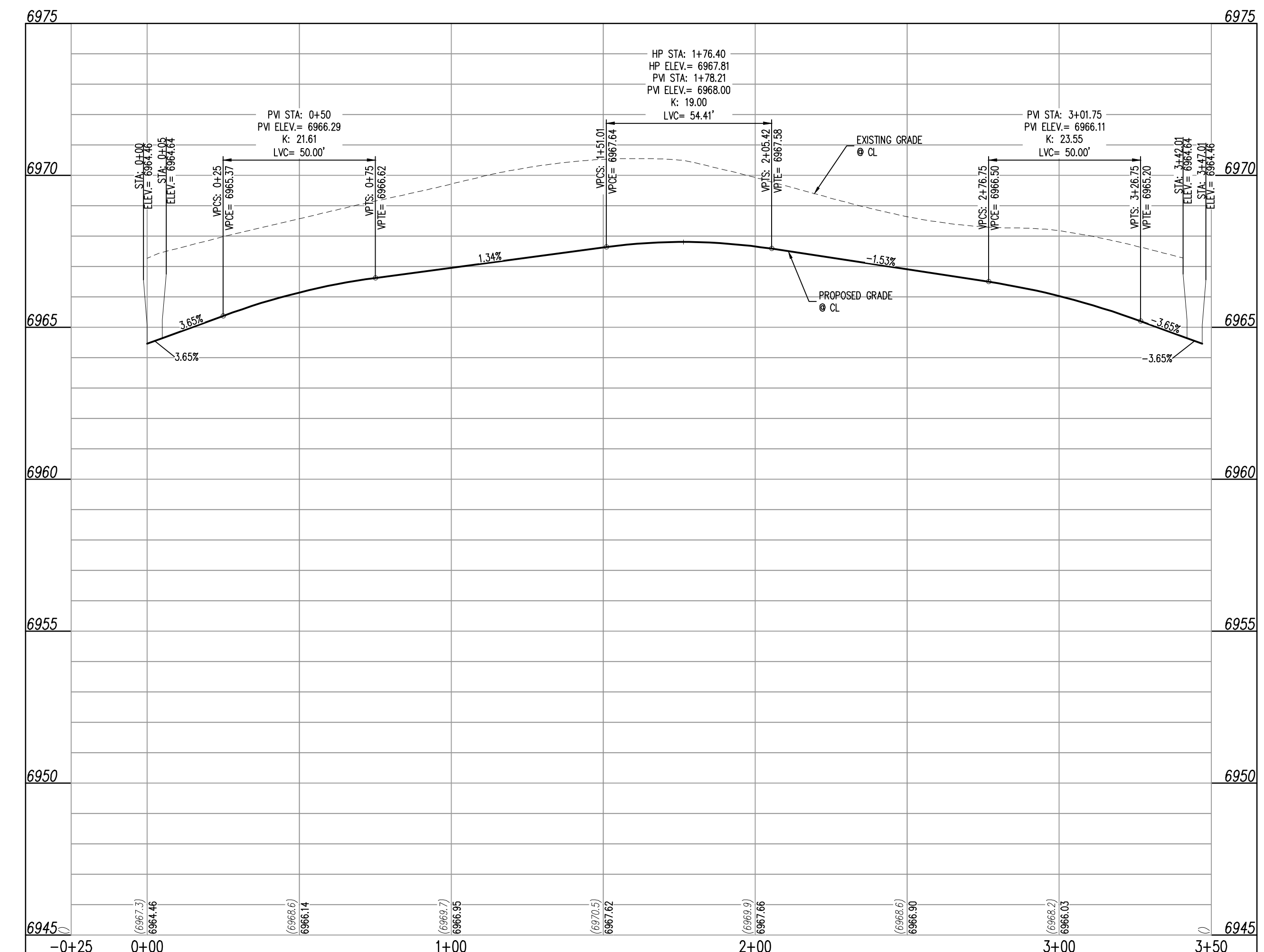
CURVE SEGMENT TABLE - EDGE OF PAVEMENT

CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C6	70°31'44"	55.39	45.00	N12°22'13"E	51.96
C7	250°31'44"	196.76	45.00	N77°37'47"W	73.48

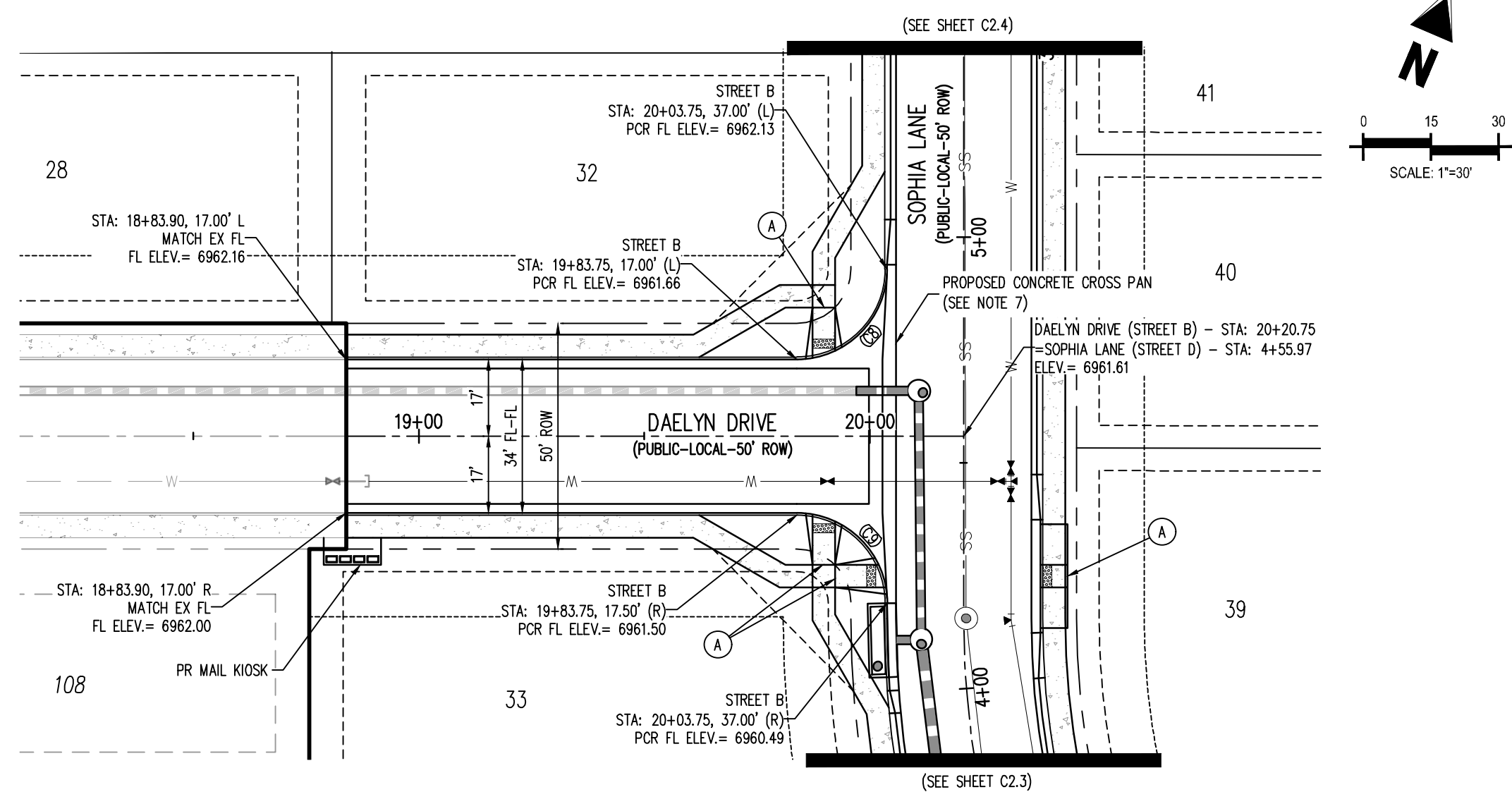
SOPHIA LANE (STREET D) - PUBLIC 50' R.O.W.
25 MPH DESIGN SPEED (LOCAL)



SOPHIA LANE (STREET D)
STA: 4+18 - 6+97.76 SCALE: H: 1"=30' V: 1"=3'



SOPHIA LANE (STREET D - CUL-DE-SAC)
STA: -0+25 - 3+50 SCALE: H: 1"=30' V: 1"=3'



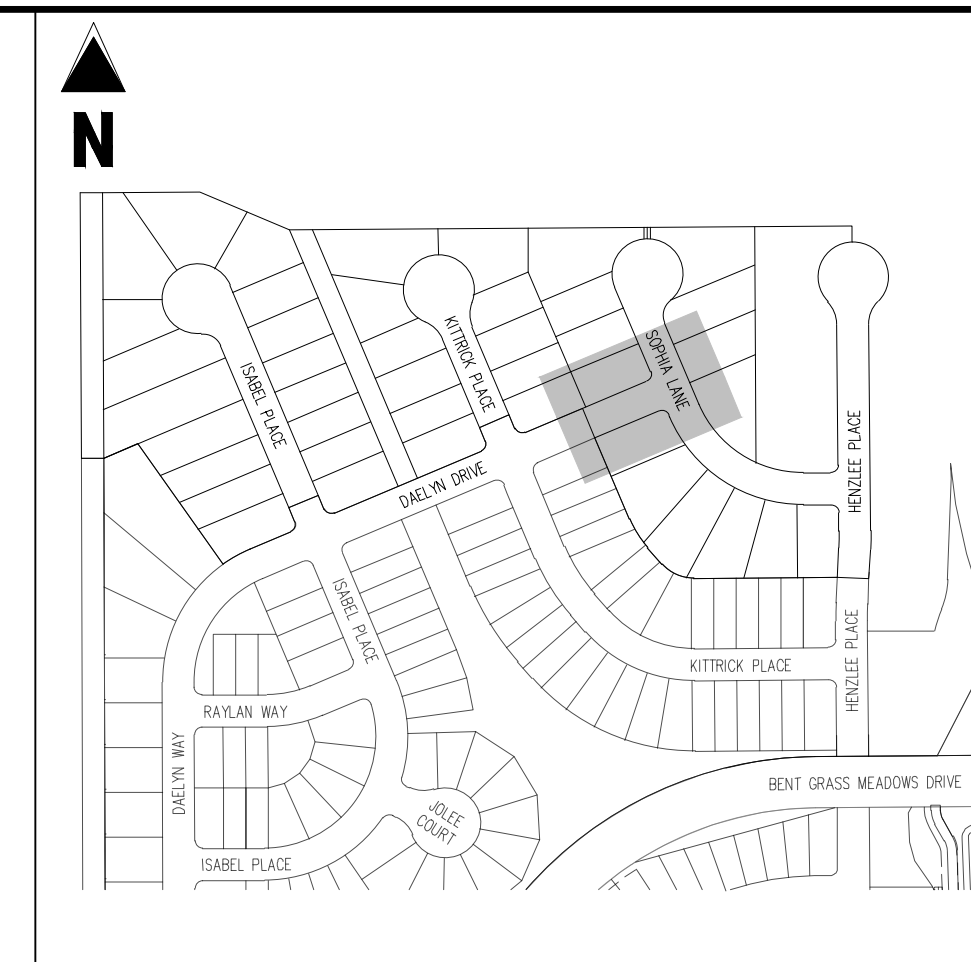
DAELYN DRIVE (STREET B) - PUBLIC 50' R.O.W.
25 MPH DESIGN SPEED (LOCAL)

CURVE SEGMENT TABLE					
CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C8	90°00'00"	31.42	20.00	S22°06'21"W	28.28
C9	90°00'00"	31.42	20.00	N67°53'39"W	28.28

- NOTES**
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 7. ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL 502-26.

CD CURVE TABLE ID

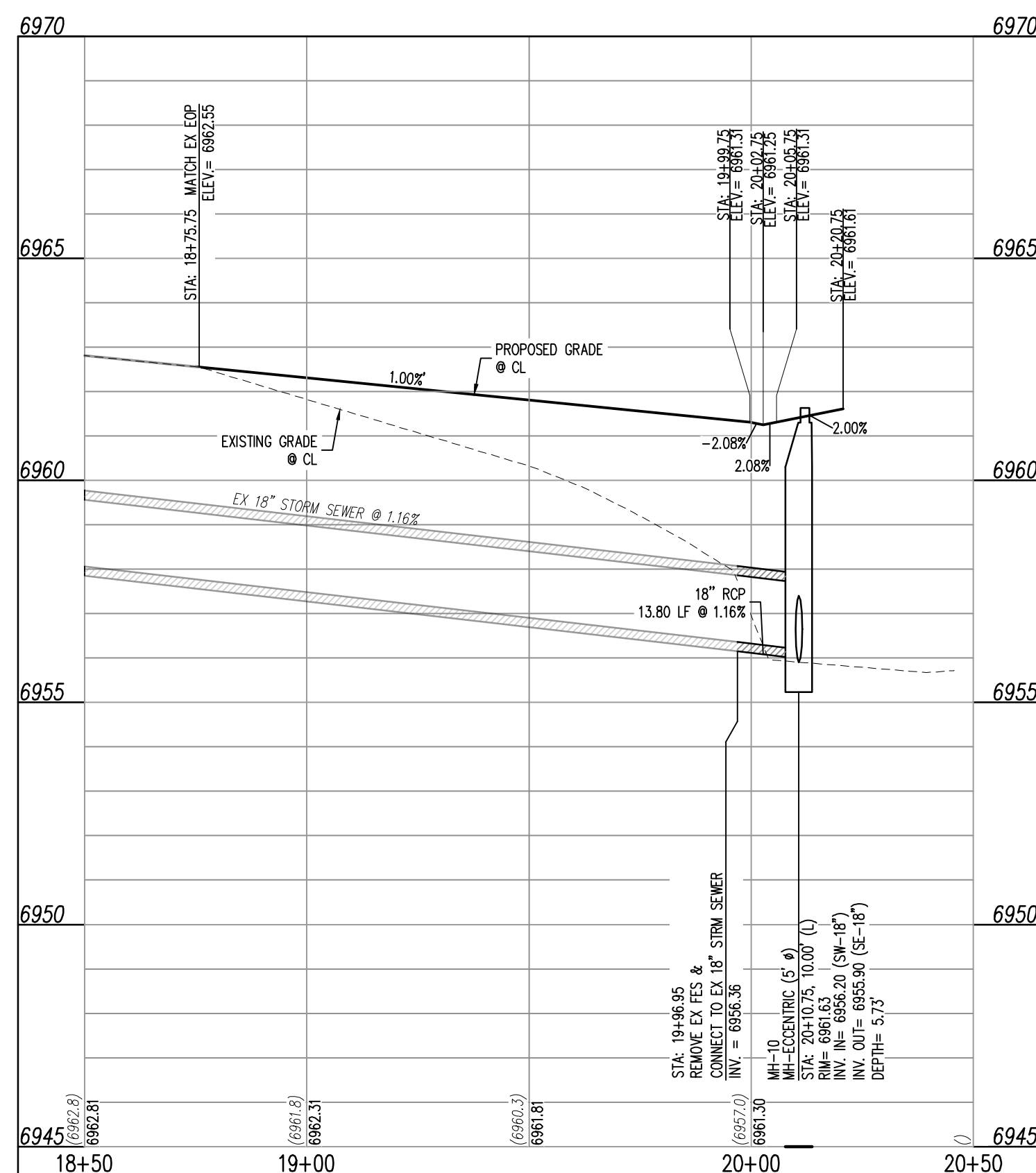
- (A) PEDESTRIAN RAMP, SEE DETAILS (EPC SD_2-40 & SD_2-41)
- (B) PROPOSED 10' CURB TRANSITION
- (C) PROPOSED 5' CURB TRANSITION



KEY MAP
SCALE: 1"=300'

LEGEND

- EXISTING PROPERTY LINE
- - - - EXISTING PROPERTY LINE TO BE REMOVED
- - - - PROPOSED RIGHT OF WAY LINE
- - - - EXISTING LOT LINE
- - - - PROPOSED LOT LINE
- - - - EXISTING EASEMENT
- - - - PROPOSED EASEMENT
- - - - EXISTING SUBDIVISION BUFFER
- - - - EXISTING STORM DRAIN PIPE
- - - - PROPOSED STORM DRAIN PIPE
- - - - EXISTING WATER LINE
- - - - PROPOSED WATER LINE
- - - - EXISTING SANITARY SEWER LINE
- - - - PROPOSED SANITARY SEWER LINE
- - - - EXISTING DRAINAGE FEATURE OUTLINE
- - - - PROPOSED DRAINAGE FEATURE OUTLINE
- - - - EXISTING SWALE WITH FLOW DIRECTION
- - - - PROPOSED SWALE WITH FLOW DIRECTION
- - - - 100-YEAR FEMA FLOODPLAIN
- - - - PROPOSED CDOT CLASS 6 GRAVEL
- - - - EXISTING CONCRETE PAVING
- - - - EXISTING CDOT CLASS 6 GRAVEL
- - - - EXISTING 1" TO 2" CRUSHED ROCK
- - - - EXISTING RIP RAP
- - - - EXISTING GROUTED BOULDERS
- - - - PROPOSED LOT #
- - - - EXISTING LOT # (BENT GRASS FILING NO. 2)
- - - - PROPOSED ADA RAMP
- - - - PROPOSED FIRE HYDRANT
- - - - PROPOSED GATE VALVE
- - - - PROPOSED REDUCER
- - - - PROPOSED WATER BEND/TEE
- - - - PROPOSED SANITARY MANHOLE
- - - - PROPOSED FES
- - - - PROPOSED STORM MANHOLE
- - - - PROPOSED CDOT TYPE R STORM INLET



DAELYN DRIVE (STREET B)
STA: 18+50 - 20+50 SCALE: H: 1"=30' V: 1"=3'

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BENCHMARK
THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYOR'S CAP ON A NO. 4 REBAR L#9 24584 ELEVATION = 6947.67

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



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#	Date	Issue / Description	Init.

Project No: CLH000020
Drawn By: CMWJ
Checked By: RGD
Date: 08/25/2022

DAELYN DRIVE STREET
IMPROVEMENT PLAN



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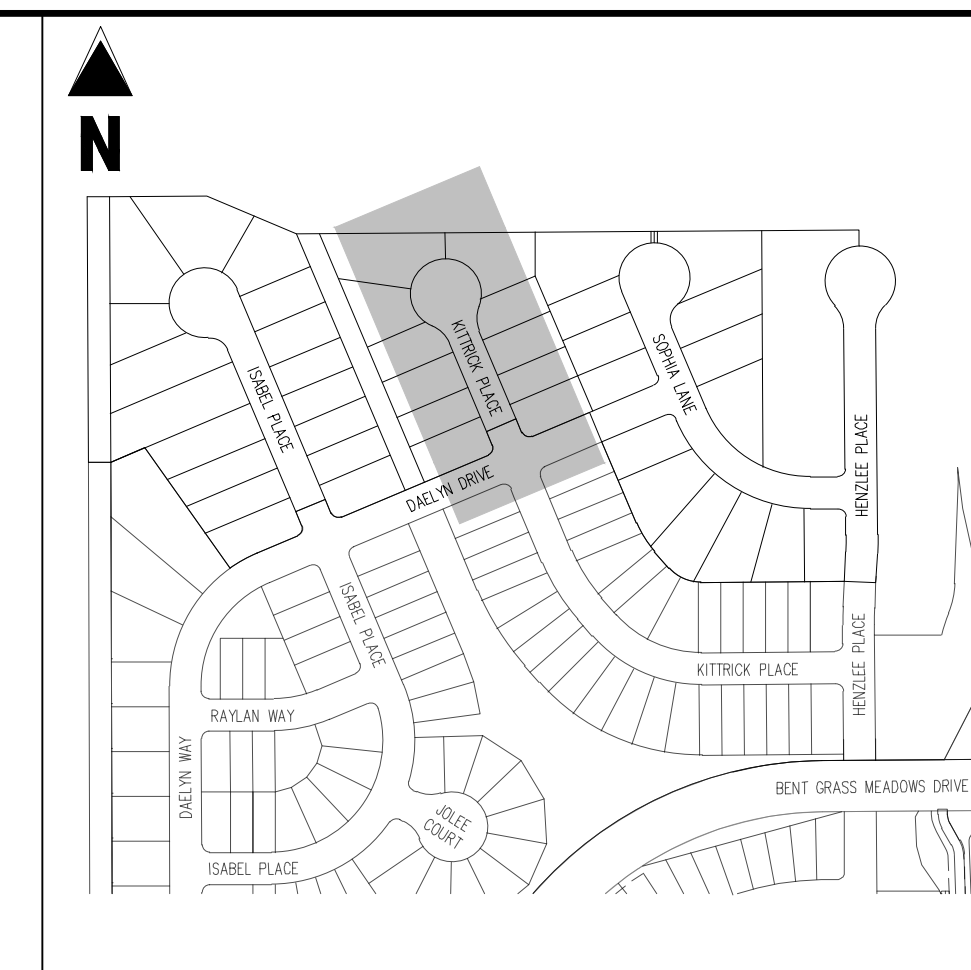


CONSTRUCTION DOCUMENTS
 FALCON MEADOWS AT BENT GRASS FILING NO. 3
 FOR
 CHALLENGER COMMUNITIES, LLC
 BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
 FALCON, CO 80831 - EL PASO COUNTY

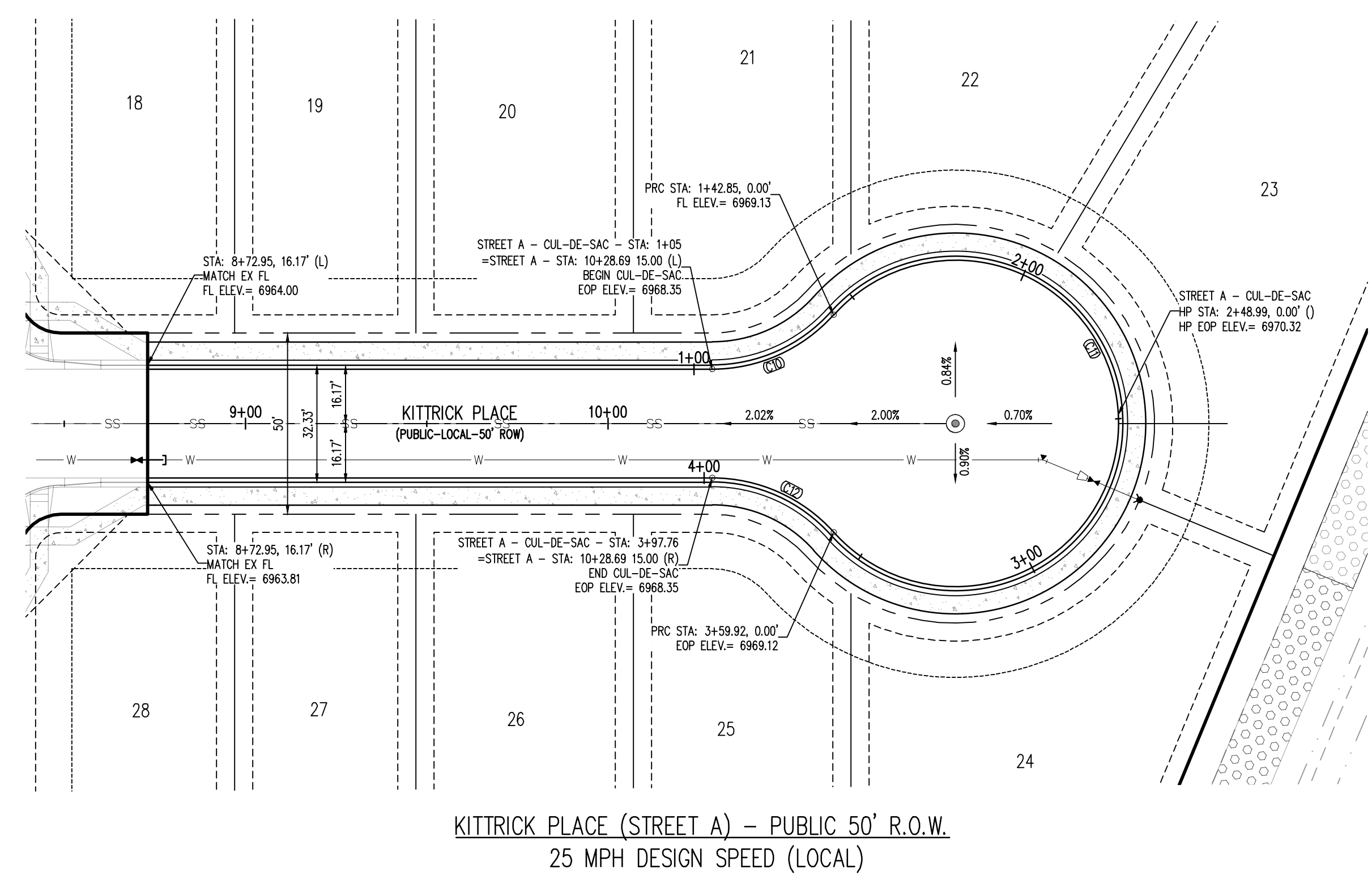
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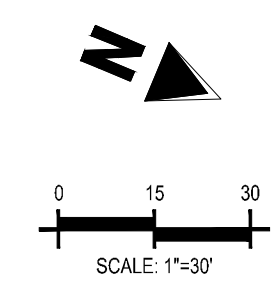
KITTRICK PLACE STREET IMPROVEMENT PLAN



KEY MAP
 SCALE: 1"=300'



KITTRICK PLACE (STREET A) - PUBLIC 50' R.O.W.
 25 MPH DESIGN SPEED (LOCAL)

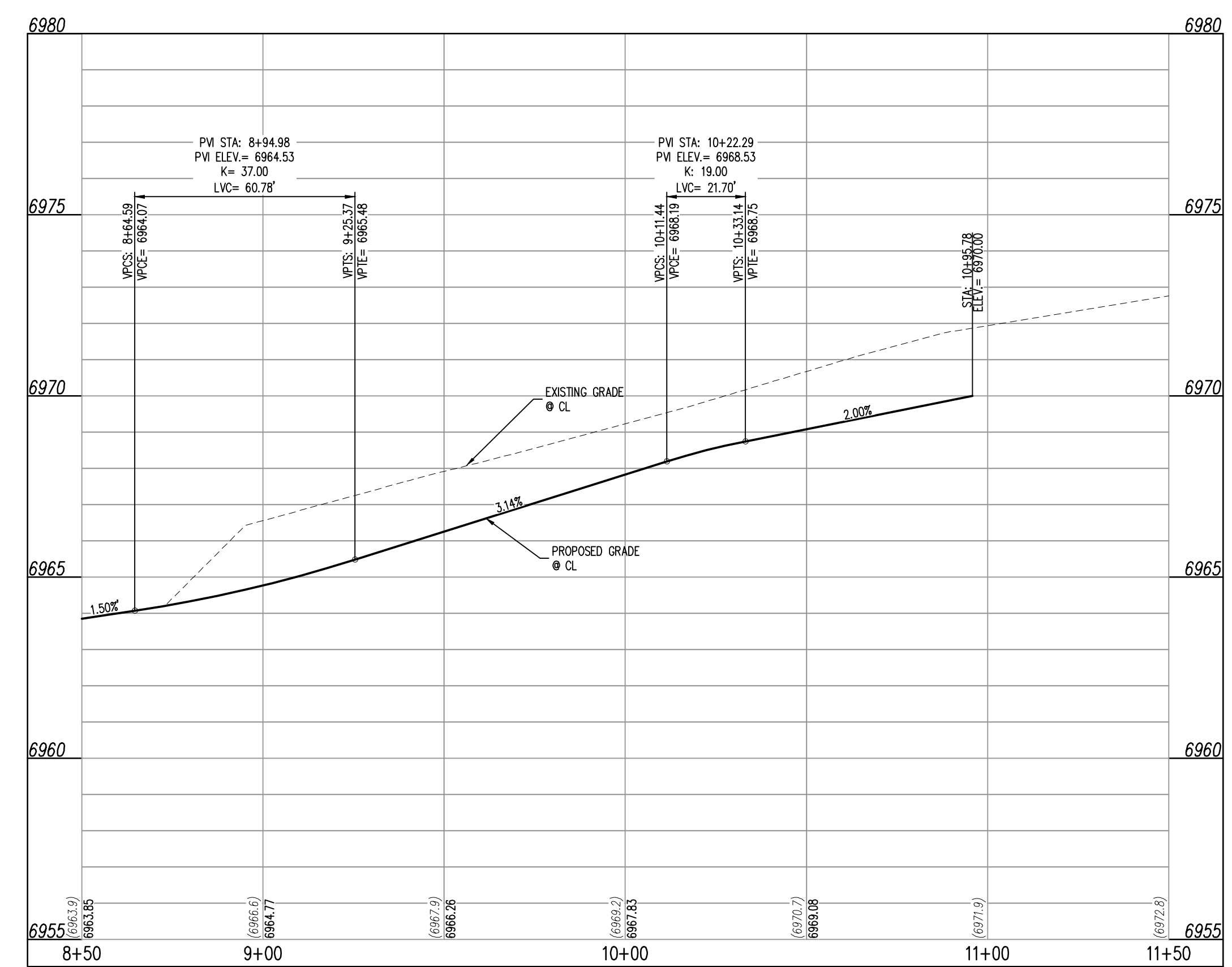


- NOTES**
1. ALL STATION CALLOUTS ARE IN RELATION TO THE CENTERLINE OF ROADWAY, THEREFORE STORM SEWER MANHOLE RIMS AND INLETS MAY APPEAR TO NOT MEET FINISH GRADE DEPRESSION AT STORM SEWER INLET
 2. STORM SEWER INLET FLOW LINE ELEVATION CALLOUTS TO NOT ACCOUNT FOR FLOW LINE DEPRESSION AT STORM SEWER INLET
 3. ALL SPOT ELEVATIONS ARE TO FLOW LINE UNLESS OTHERWISE NOTED
 4. SEE GRADING PLAN FOR ALL GRADING INFORMATION
 5. ALL STORM SEWER SHALL BE CLASS III RSP
 6. ALL STORM SEWER MANHOLES SHALL BE TYPE 1 UNLESS OTHERWISE NOTED
 7. ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL 502-26

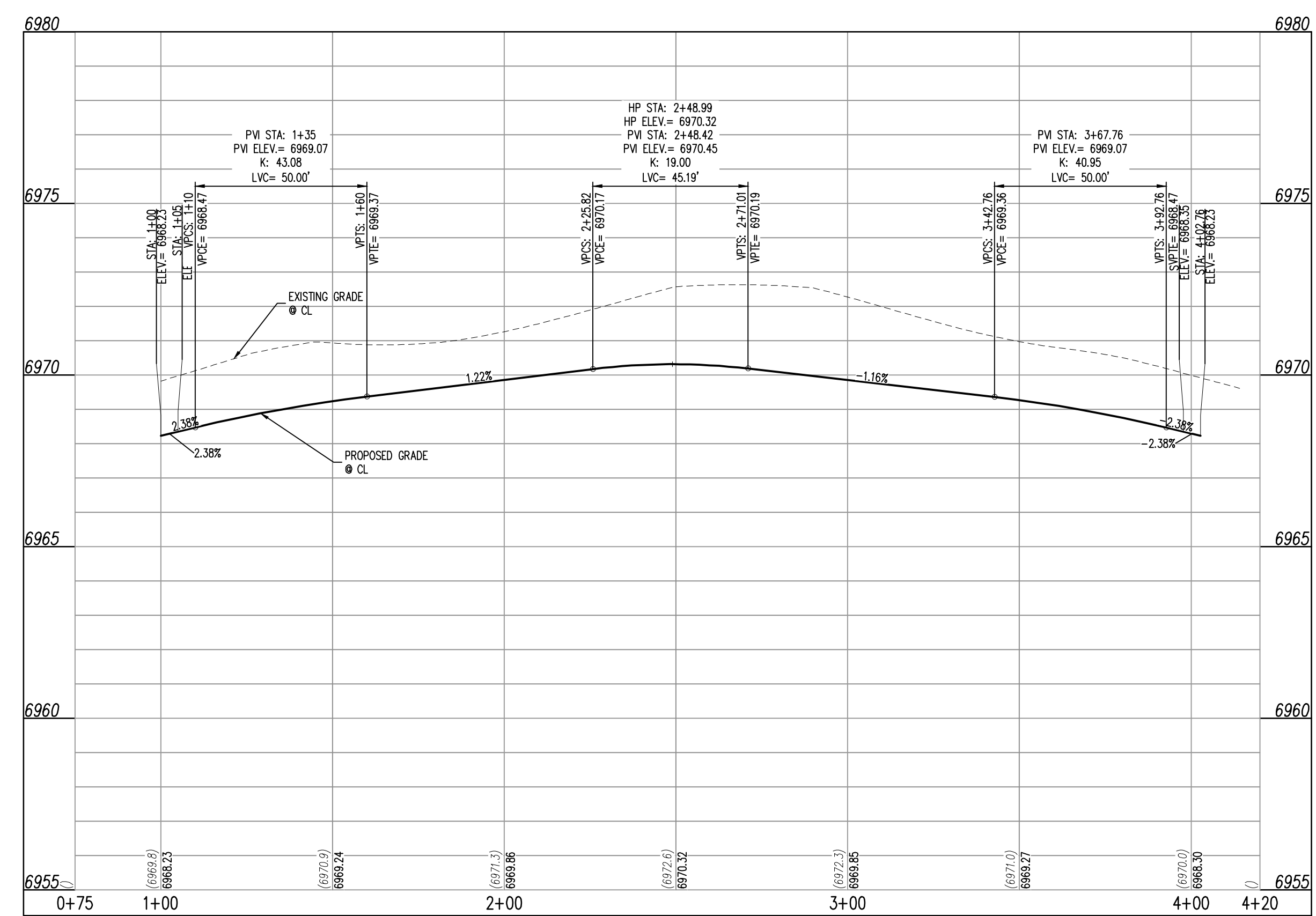
- LEGEND**
- (CT) CURVE TABLE ID
 - (A) PEDESTRIAN RAMP, SEE DETAILS (EPC SD_2-40 & SD_2-41)
 - (B) PROPOSED 10' CURB TRANSITION
 - (C) PROPOSED 5' CURB TRANSITION

CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C10	48°11'23"	37.85	45.00	S46°59'20"E	36.74
C11	276°22'46"	217.07	45.00	S67°06'21"W	60.00
C12	48°11'23"	37.85	45.00	N11°23'03"E	36.74

- EXISTING PROPERTY LINE
- EXISTING PROPERTY LINE TO BE REMOVED
- PROPOSED RIGHT OF WAY LINE
- EXISTING LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING SUBDIVISION BUFFER
- EXISTING STORM DRAIN PIPE
- PROPOSED STORM DRAIN PIPE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED SANITARY SEWER LINE
- EXISTING DRAINAGE FEATURE OUTLINE
- PROPOSED DRAINAGE FEATURE OUTLINE
- EXISTING SWALE WITH FLOW DIRECTION
- PROPOSED SWALE WITH FLOW DIRECTION
- 100-YEAR FEMA FLOODPLAIN
- PROPOSED CDOT CLASS 6 GRAVEL
- PROPOSED RIP RAP
- EXISTING CONCRETE PAVING
- EXISTING CDOT CLASS 6 GRAVEL
- EXISTING 1" TO 2" CRUSHED ROCK
- EXISTING RIP RAP
- EXISTING GROUTED BOULDERS
- PROPOSED LOT #
- EXISTING LOT # (BENT GRASS FILING NO. 2)
- PROPOSED ADA RAMP
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED WATER BEND/TEE
- PROPOSED SANITARY MANHOLE
- PROPOSED FES
- PROPOSED STORM MANHOLE
- PROPOSED CDOT TYPE R STORM INLET



KITTRICK PLACE (STREET A)
 STA: 8+50 - 11+50 SCALE: H: 1"=30' V: 1"=3'



KITTRICK PLACE (STREET A - CUL-DE-SAC)
 STA: 0+75 - 4+20 SCALE: H: 1"=30' V: 1"=3'

CONTRACTOR MUST COORDINATE WORK WITH WOODMEN HILLS METROPOLITAN DISTRICT PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

LENGTHS OF STORM SEWER ARE THE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED. THEREFORE LENGTHS SHOWN ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND STRUCTURE WIDTHS.

MAINTAIN MINIMUM 18" VERTICAL AND 10" HORIZONTAL SEPARATION BETWEEN STORM SEWER AND POTABLE WATER OR WASTEWATER. A 12" VERTICAL CLEARANCE MUST BE MAINTAINED BETWEEN IRRIGATION LINES.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

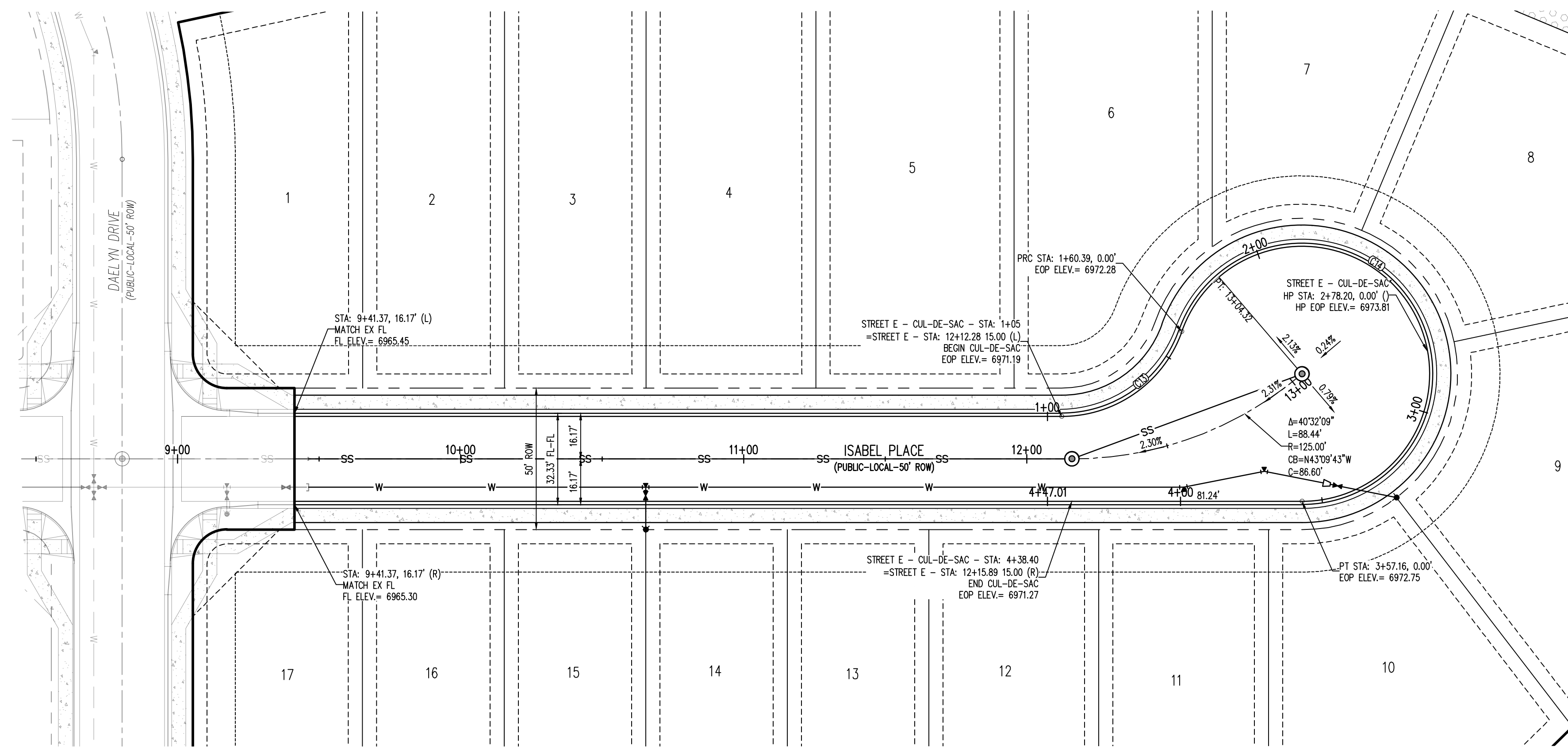
BASIS OF BEARINGS
 ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, 113S, R65W AND THE WEST QUARTER CORNER SECTION 1, 113S, R65W IS N00°13'46"W AND MONUMENTED AS SHOWN.

BENCHMARK
 THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L5# 24554 ELEVATION = 6947.67

CAUTION - NOTICE TO CONTRACTOR

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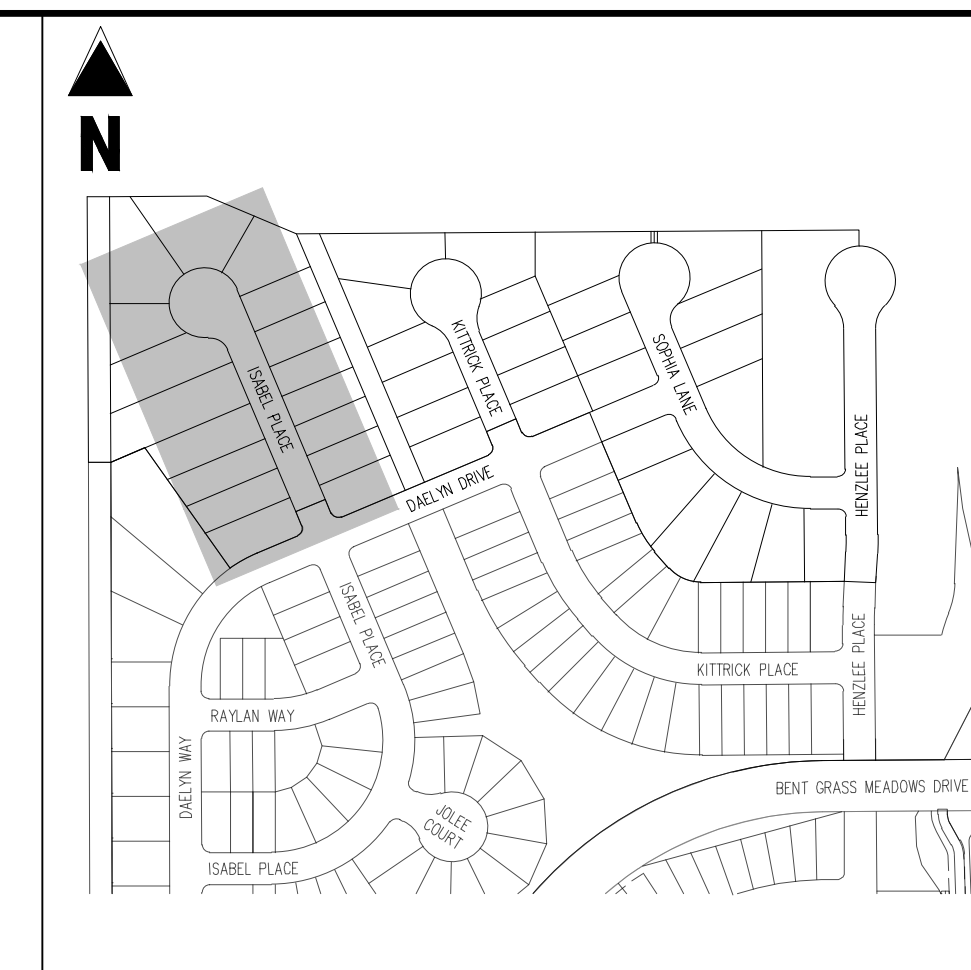




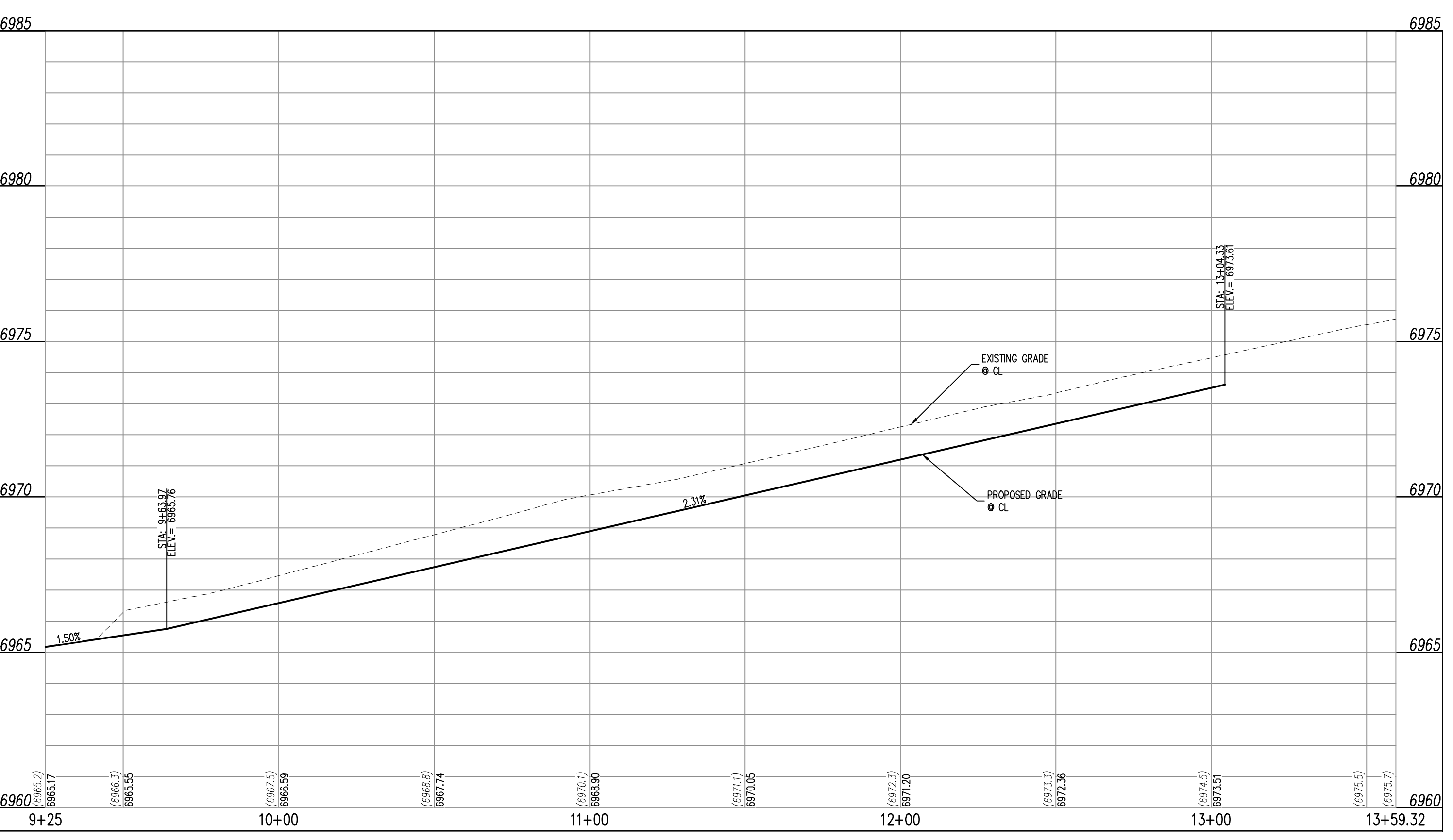
ISABEL PLACE (STREET E) – PUBLIC 50' R.O.W.
25 MPH DESIGN SPEED (LOCAL)

PARCEL CURVE SEGMENT TABLE					
CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C13	70°31'44"	55.39	45.00	S58°09'31"E	51.96
C14	250°31'44"	196.76	45.00	S31°50'29"W	73.48

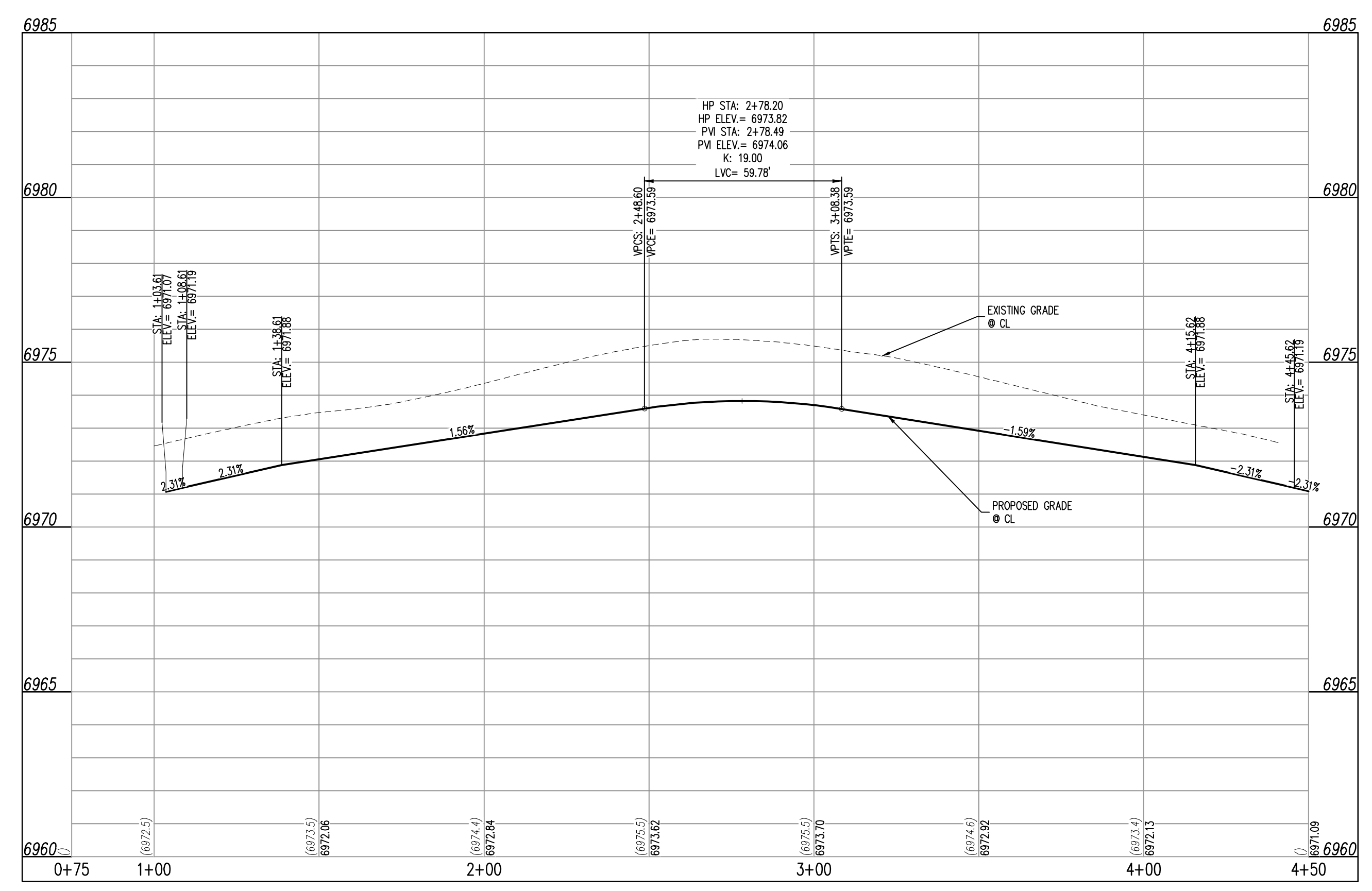
- NOTES**
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 2. STORM SEWER INLET FLOW LINE ELEVATION CALLOUTS TO NOT ACCOUNT FOR FLOW LINE DEPRESSION AT STORM SEWER INLET
 3. ALL SPOT ELEVATIONS ARE TO FLOW LINE UNLESS OTHERWISE NOTED
 4. SEE GRADING PLAN FOR ALL GRADING INFORMATION
 5. ALL STORM SEWER SHALL BE CLASS III RCP
 6. ALL STORM SEWER MANHOLES SHALL BE TYPE 1 UNLESS OTHERWISE NOTED
 7. ALL CROSS PANS SHALL CONFORM TO EL PASO COUNTY DETAIL SDZ-26
- LEGEND**
- EXISTING PROPERTY LINE
 - EXISTING PROPERTY LINE TO BE REMOVED
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING LOT LINE
 - PROPOSED LOT LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING SUBDIVISION BUFFER
 - EXISTING STORM DRAIN PIPE
 - PROPOSED STORM DRAIN PIPE
 - PROPOSED LOT LINE
 - EXISTING WATER LINE
 - PROPOSED WATER LINE
 - EXISTING SANITARY SEWER LINE
 - PROPOSED SANITARY SEWER LINE
 - EXISTING DRAINAGE FEATURE OUTLINE
 - PROPOSED DRAINAGE FEATURE OUTLINE
 - EXISTING SWALE WITH FLOW DIRECTION
 - PROPOSED SWALE WITH FLOW DIRECTION
 - 100YR 100-YEAR FEMA FLOODPLAIN



KEY MAP
SCALE: 1"=30'



ISABEL PLACE (STREET E)
STA: 9+25 – 13+59.32 SCALE: H: 1"=30' V: 1"=3'



ISABEL PLACE (STREET E - CUL-DE-SAC)
STA: 0+75 – 4+50 SCALE: H: 1"=30' V: 1"=3'



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CONSTRUCTION DOCUMENTS
FALCON MEADOWS AT BENT GRASS FILING NO. 3
FOR
CHALLENGER COMMUNITIES, LLC
BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: CLH000020
Drawn By: CMWJ
Checked By: RGD
Date: 08/25/2022

ISABEL PLACE STREET
IMPROVEMENT PLAN



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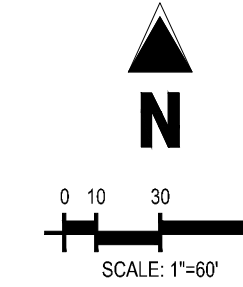
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FOR
CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No:	CLH000020
Drawn By:	CMWJ
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SIGNAGE PLAN

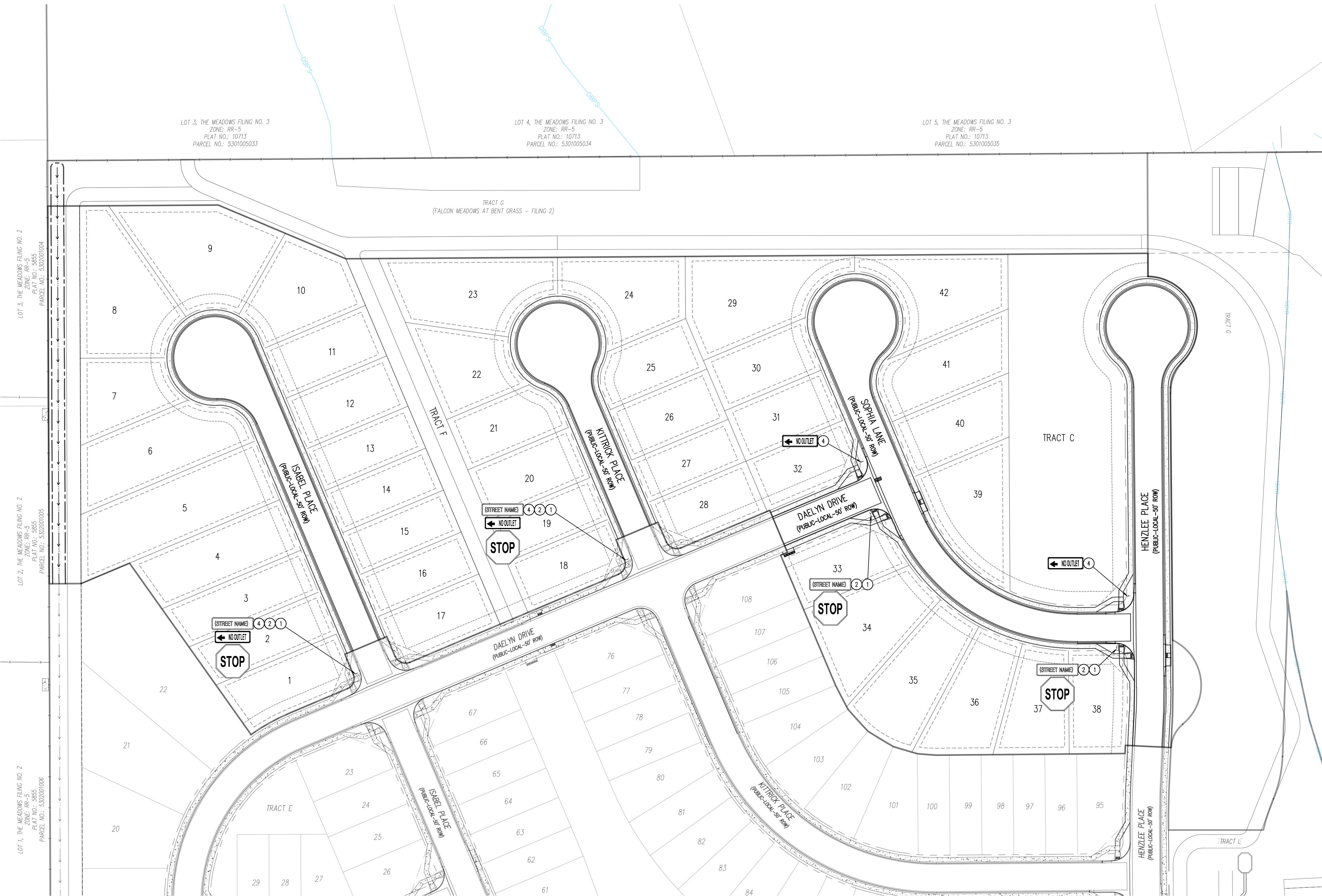


LEGEND

- EXISTING PROPERTY LINE (PROJECT BOUNDARY)
- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED PROPERTY LINE (PROJECT BOUNDARY)
- PROPOSED RIGHT OF WAY LINE
- EXISTING LOT LINE
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- 100-YR FEMA FLOODPLAIN
- 51 PROPOSED LOT NUMBER
- 101 EXISTING LOT #

SCHEDULE

- ① PROPOSED STOP SIGN, MUTCD SIGN R1-1
- ② PROPOSED STREET NAME SIGN, MUTCD SIGN D3-1
- ③ PROPOSED TYPE III BARRICADE W/ MUTCD R11-2
- ④ PROPOSED NO OUTLET SIGN, MUTCD W14-2A



BASIS OF BEARINGS

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, T13S, R65W AND THE WEST QUARTER CORNER SECTION 1, T13S, R65W IS N00°13'48" W AND MONUMENTED AS SHOWN.

BENCHMARK

THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L5# 24954 ELEVATION = 6947.67

CAUTION - NOTICE TO CONTRACTOR

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Know what's below.
Call before you dig.

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11/23/2022 10:00 AM (UTC) 1:00 PM (UTC) 11/23/2022 10:00 AM (UTC) 1:00 PM (UTC) 11/23/2022 10:00 AM (UTC) 1:00 PM (UTC) 11/23/2022 10:00 AM (UTC) 1:00 PM (UTC)

LEGEND

	EXISTING PROPERTY LINE		PROPOSED CDOT CLASS 6 GRAVEL		PROPOSED SPOT ELEVATION
	EXISTING PROPERTY LINE TO BE REMOVED		PROPOSED RIP RAP		FLOWLINE
	PROPOSED RIGHT OF WAY LINE		EXISTING CONCRETE PAVING		LIP OF GUTTER
	EXISTING LOT LINE		EXISTING CDOT CLASS 6 GRAVEL		EDGE OF SIDEWALK
	PROPOSED LOT LINE		EXISTING 1" TO 2" CRUSHED ROCK		TOP OF PED RAMP
	EXISTING EASEMENT		EXISTING RIP RAP		BOTTOM OF PED RAMP
	PROPOSED EASEMENT		EXISTING GROUTED BOULDERS		ROADWAY CENTER LINE
	EXISTING SUBDIVISION BUFFER		PROPOSED LOT #		TOP BACK OF CURB
	EXISTING STORM DRAIN PIPE		EXISTING LOT # (BENT GRASS FILING NO. 2)		PROPOSED SLOPE ARROW
	PROPOSED STORM DRAIN PIPE		PROPOSED ADA RAMP		
	EXISTING WATER LINE		PROPOSED FIRE HYDRANT		
	PROPOSED WATER LINE		PROPOSED GATE VALVE		
	EXISTING SANITARY SEWER LINE		PROPOSED REDUCER		
	PROPOSED SANITARY SEWER LINE		PROPOSED WATER BEND/TEE		
	EXISTING DRAINAGE FEATURE OUTLINE		PROPOSED SANITARY MANHOLE		
	PROPOSED DRAINAGE FEATURE OUTLINE		PROPOSED PES		
	EXISTING SWALE WITH FLOW DIRECTION		PROPOSED STORM MANHOLE		
	PROPOSED SWALE WITH FLOW DIRECTION		PROPOSED CDOT TYPE R STORM INLET		
	100-YEAR FEMA FLOODPLAIN				

113

CONTRACTOR MUST COORDINATE WORK WITH WOODMEN HILLS METROPOLITAN DISTRICT PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

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BENCHMARK

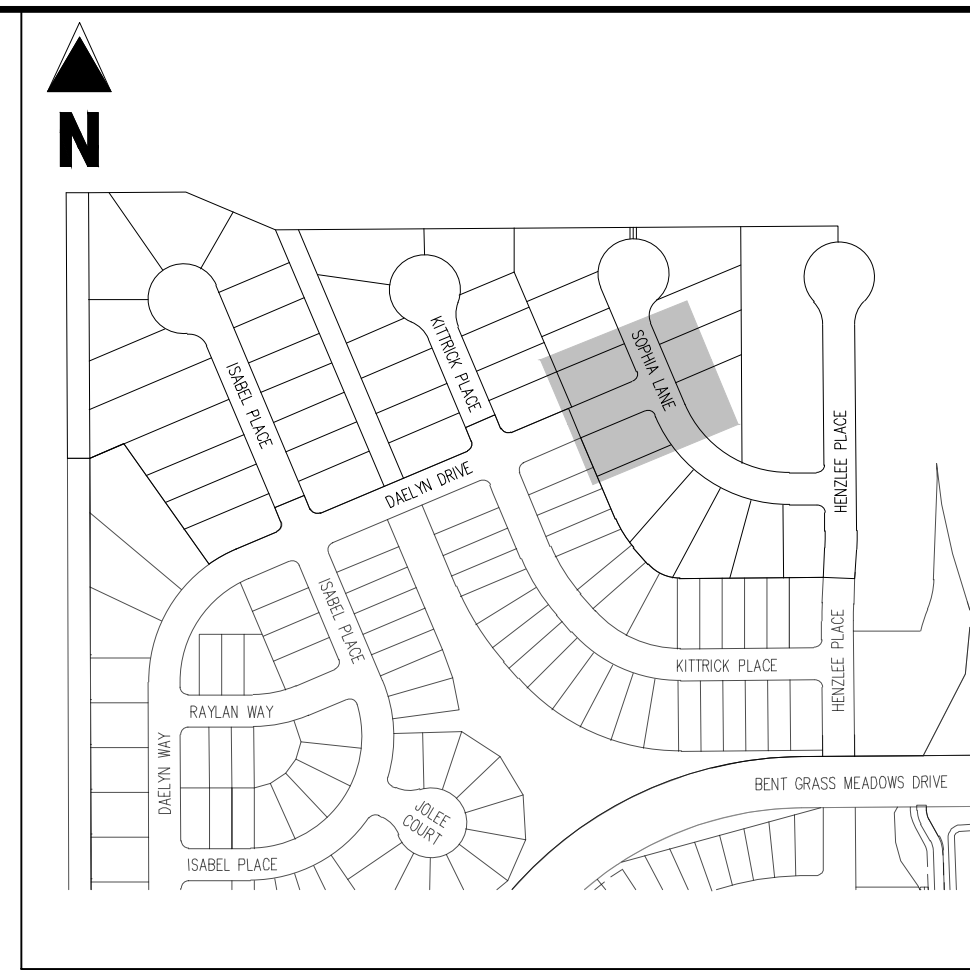
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CAUTION - NOTICE TO CONTRACTOR

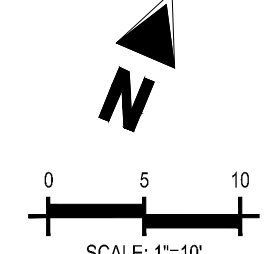
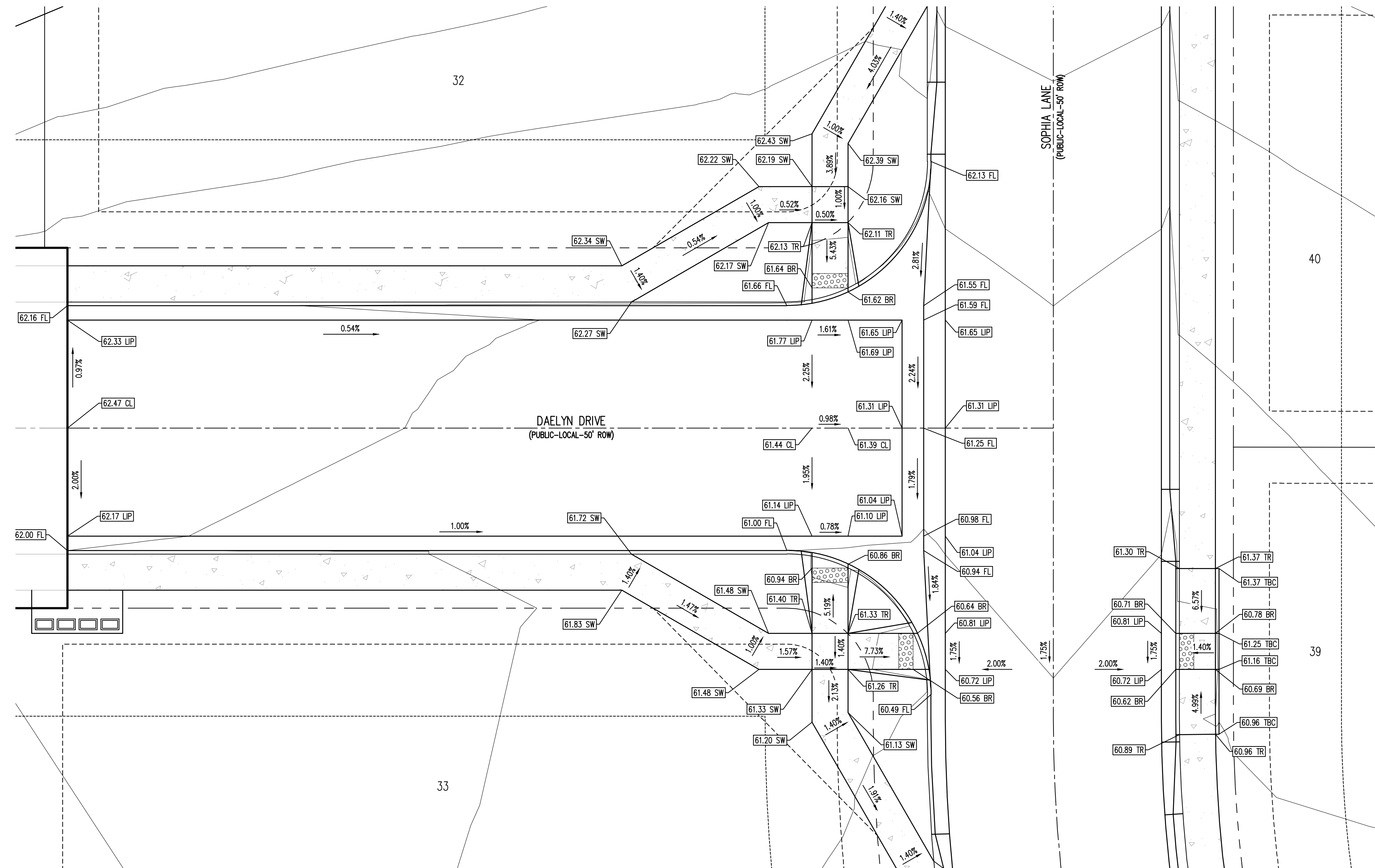
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KEY MAP
SCALE: 1"=30'



DAELYN DRIVE & SOPHIA LANE DETAIL GRADING



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FOR
CHALLENGER COMMUNITIES, LLC
BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: CLH000020
Drawn By: CMWJ
Checked By: RGD
Date: 08/25/2022

INTERSECTION DETAIL

LEGEND

Legend table with symbols and descriptions for property lines, easements, utilities, and proposed features.

CONTRACTOR MUST COORDINATE WORK WITH WOODMEN HILLS METROPOLITAN DISTRICT PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

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BENCHMARK

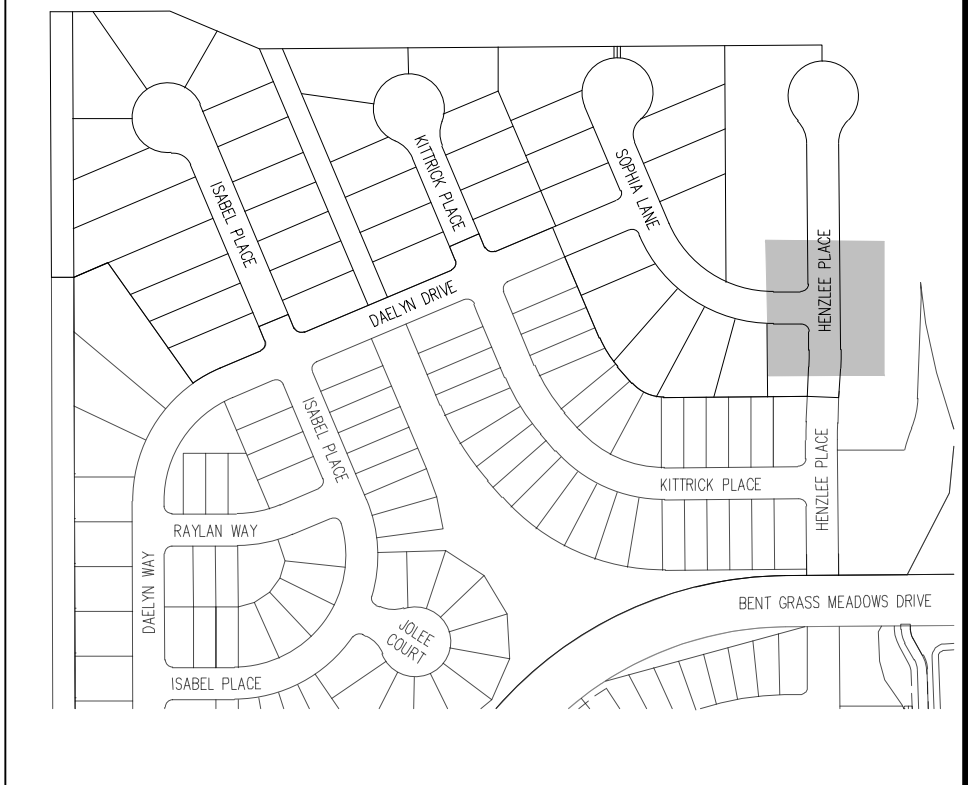
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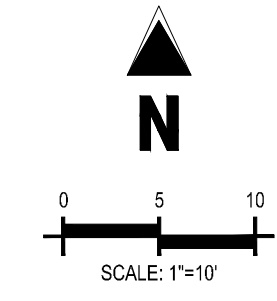
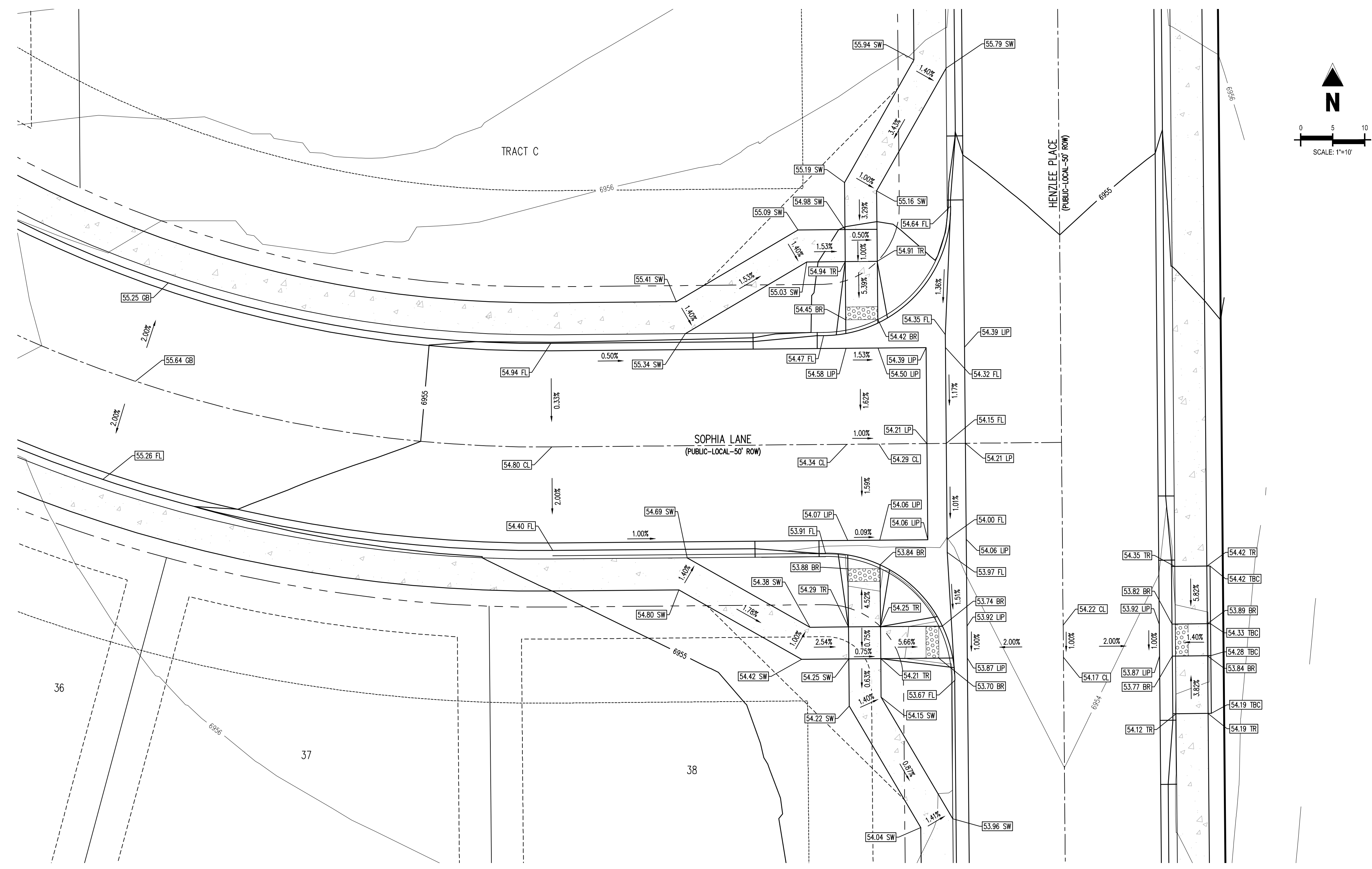


KEY MAP SCALE: 1"=300'



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CONSTRUCTION DOCUMENTS FALCON MEADOWS AT BENT GRASS FILING NO. 3 FOR CHALLENGER COMMUNITIES, LLC BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD FALCON, CO 80831 - EL PASO COUNTY



SOPHIA LANE & HENZLEE PLACE DETAIL GRADING

Table with columns: #, Date, Issue / Description, Init.

Project No: CLH000020 Drawn By: CMWJ Checked By: RGD Date: 08/25/2022

INTERSECTION DETAIL