

AURA AT CROSSROADS

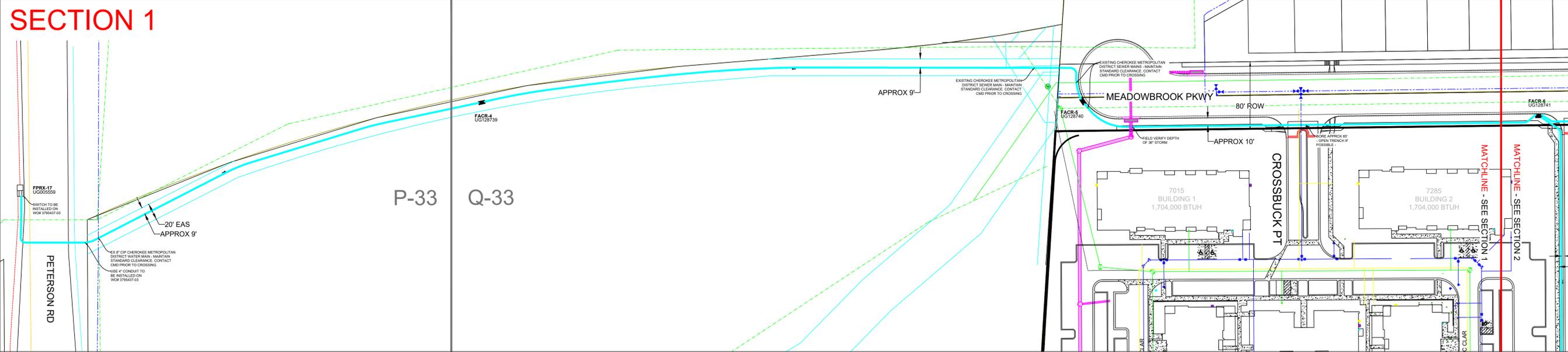
200A MAINLINE EXT

ACCEPTED FOR FILE
Engineering Review
09/27/2022 7:48:39 AM
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Development Department

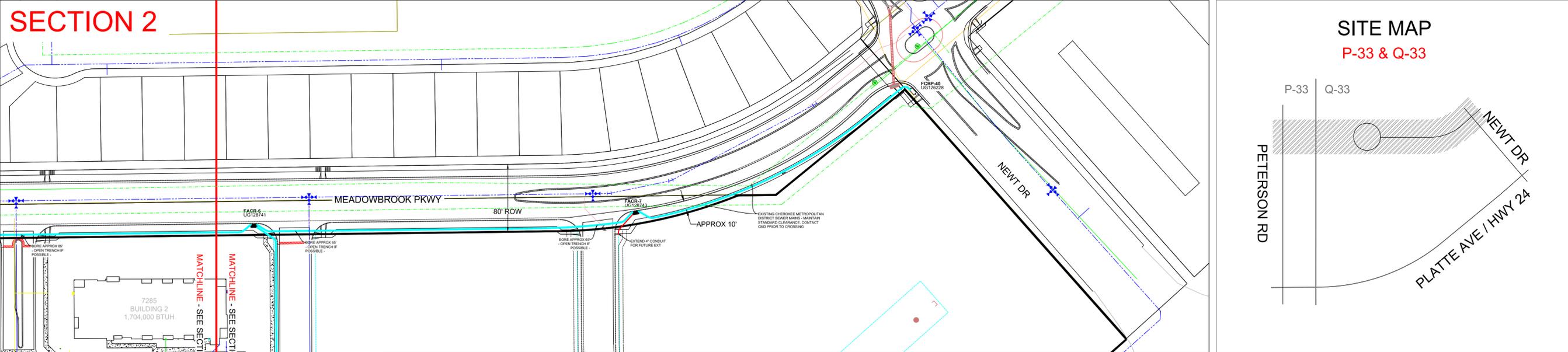
SPECIFICATIONS

- ORDER:**
FPRX-17: (1)E.T-OP-15KV-3PH-#4/0
FACR-4: (1)E.VLT4X7, (3)E.JUNCTION-15KV-4WAY, (6)E.ELBOW-15KV-#4/0
FACR-5: (1)E.VLT4X7, (3)E.JUNCTION-15KV-4WAY, (6)E.ELBOW-15KV-#4/0, (3)E.FCI-1PH-UG
FACR-6: (1)E.VLT4X7, (3)E.JUNCTION-15KV-4WAY, (9)E.ELBOW-15KV-#4/0, (3)E.FCI-1PH-UG
FACR-7: (1)E.VLT4X7, (3)E.JUNCTION-15KV-4WAY, (6)E.ELBOW-15KV-#4/0, (3)E.ARR-10KV-PARKING-STAND
FACR-8: (1)E.VLT4X7, (3)E.JUNCTION-15KV-4WAY, (3)E.ELBOW-15KV-#4/0
FCBP-40: (3)E.ELBOW-15KV-#4/0
CONDUIT: (2742)E.CONDUIT-4"PEVC, (260)E.CONDUIT-4"PE
WIRE: (3364)E.UG-3PH-#4/0AL-15KV

SECTION 1

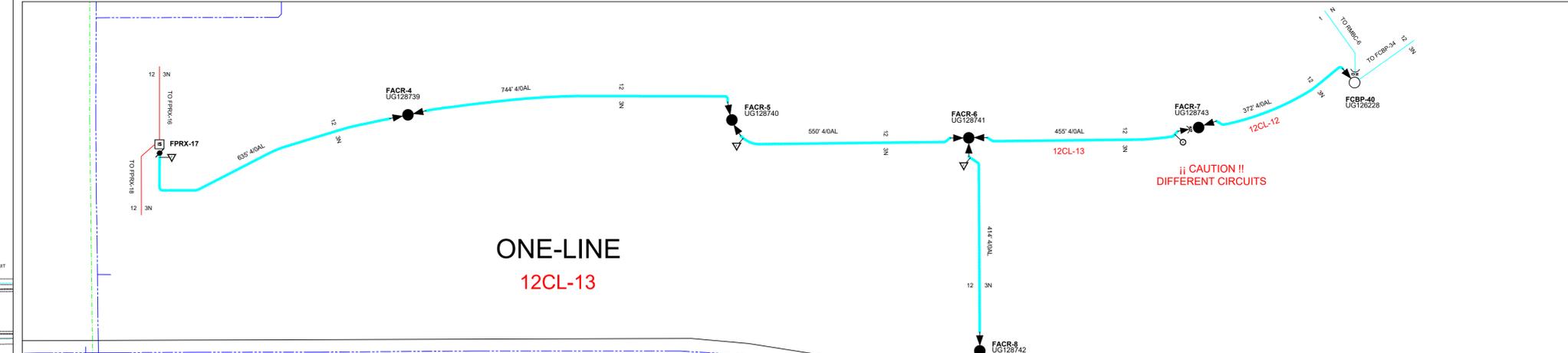
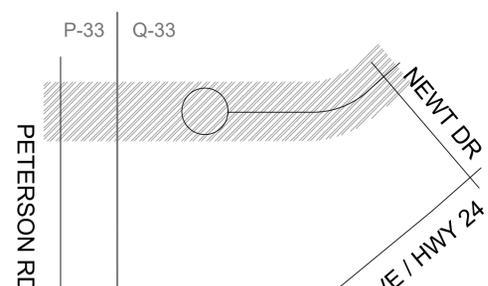


SECTION 2



SITE MAP

P-33 & Q-33



- NOTES**
- INSTALL (5) 4' X 7' VAULTS, FACR-4 THROUGH & FACR-8, AS SHOWN
 - INSTALL APPROX 3,170 TOTAL LINEAR FEET OF 3PH 4/0 AL
 - SWITCH FPRX-17 AND BORE UNDER PETERSON RD TO BE INSTALLED ON WOF 3795437-03
 - 80' EASEMENT THROUGHOUT MEADOWBROOK PKWY. 50' EASEMENT THROUGH TRACT C. 20' EASEMENT ACROSS PROPERTY AS SHOWN
 - DEVELOPER TO PROVIDE ALL NECESSARY STAKING
 - VAULT LOCATIONS TO BE VERIFIED AND STAKED BY DEVELOPER PRIOR TO INSTALL
 - OFFSET JOINT TRENCH WITH GAS MAINLINE WOF 3838872-01. JOINT TRENCH TO BE INSTALLED 10' AND 12' BEHIND CURB ALONG MEADOWBROOK PKWY. JOINT TRENCH TO BE INSTALLED 1' AND 3' BEHIND CURB ALONG TRACT C, AS SHOWN
 - CONTACT CHEROKEE METRO DISTRICT PRIOR TO CROSSING WATER AND SANITARY SEWER. CONTACT IS KEVIN BROWN - 719-322-4339
 - ADDITIONAL PERMITS REQUIRED - COORDINATE PRE-CON MEETING WITH MICHELLE HOLLISTER (719-668-4476 OR MHOLLISTER@CSU.ORG) TO DETERMINE PERMIT NEEDS
 - PROJECT CONTACTS:
- APPLICANT:
ALLISON JONES
TRINISIC ACQUISITION COMPANY
970-819-9968
- AGENT:
NICK DUNHAM
HKS ENGINEERING
303-623-6300

NO.	TYPE	DESCRIPTION	REVISIONS	DATE
1	1	ADDED PERMIT NOTE		5-16-2022
2	1	ADDED CMD WATER & SEWER		8-22-2022
3				
4				
5				

CIRCUIT #: 12CL-13
 MAP GRID #: Q-33
 PRIMARY VOLTAGE: 12.5 KV

SCALE
 1" = 60'

W.O.#: 3838871-01 PARENT W.O.#: 3838871 SHEET NO. 1 OF 1

JOB SITE: AURA AT CROSSROADS (JOINT G & E)

DESCRIPTION OF WORK: EXTEND 200A ELECTRIC MAINLINE APPROX. 2,000'

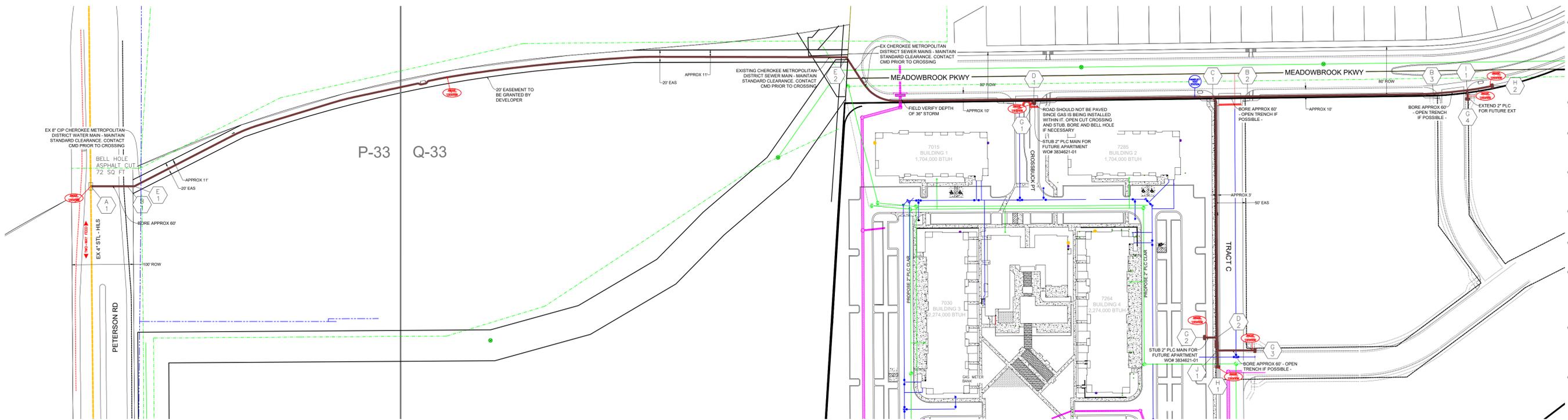
FIELD ENGINEER: QUINTANA, DYLAN PH.#: 1 719 668-8330 CELL#: 719 675-0099

WORK TYPE: CAPITAL ACTIVITY CODE: 192298 SUPV. APPROVAL DATE: 02-17-2022

PLAN ENG. APPROVAL: TORRES, STEVE 02-23-2022 SUPV. APPROVAL: BENEDICT, TIM

AURA AT CROSSROADS

GAS MAINLINE EXT

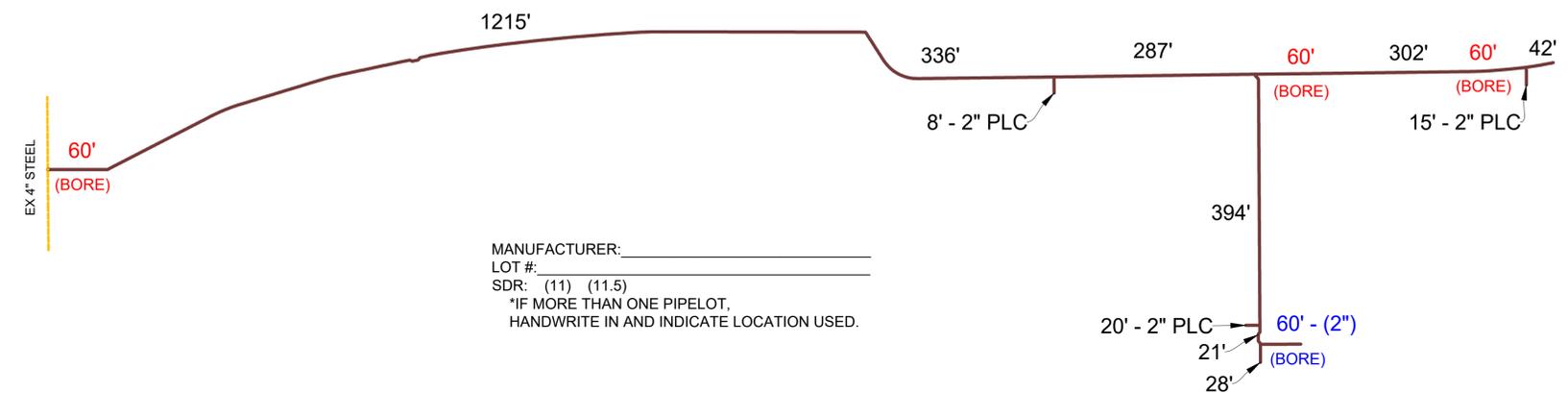


- MAIN MATERIAL**
- A TIE-IN: 19 P.S.I.G.; MAOP 20 P.S.I.G. 4" 3-WAY TEE (FLAT BOTTOM), 4" STEEL PIPE, 4" TRANSITION FITTING, 4" ELECTRO-FUSION COUPLING, ELECTRONIC MARKER
 - B 4" ELECTRO-FUSION COUPLING - TYPICAL 3 LOCATIONS
 - C 4" PLC TEE 4" ELECTRO-FUSION COUPLING, ELECTRONIC MARKER
 - D 4" X 2" ELECTRO-FUSION HVPT, ELECTRONIC MARKER - TYPICAL 2 LOCATIONS
 - E 4" 45° PLC ELBOW, ELECTRONIC MARKER - TYPICAL 2 LOCATIONS
 - G 2" PLC CAP, ELECTRONIC MARKER - TYPICAL 4 LOCATIONS
 - H 4" PLC BULLHEAD ASSEMBLY, 4" X 2" PLC REDUCER, 2" PLC COUPLING, 2" PLC CAP, ELECTRONIC MARKER - TYPICAL 2 LOCATIONS
 - I 4" X 2" ELECTRO-FUSION HVPT, 4" ELECTRO-FUSION COUPLING, ELECTRONIC MARKER
 - J 4" X 2" ELECTRO-FUSION HVPT, 2" ELECTRO-FUSION COUPLING, ELECTRONIC MARKER

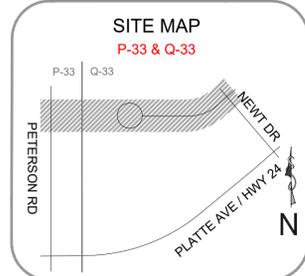
FITTING CHART

FITTING #	LOCATION
A1	
A1	
A1	
B1	
B2	
B3	
C1	
C1	
D1	
D2	
E1	
E2	
G1	
G2	
G3	
G4	
H1	
H1	
H1	
H2	
H2	
H2	
I1	
I1	
J1	
J1	

ONE-LINE
 PROPOSED 2805' OF 4" PLC & 103' OF 2" PLC
 INCLUDING 180' OF 4" BORE AND 60' OF 2" BORE



- NOTES**
- * TIE-OVER TRACER WIRES UNLESS OTHERWISE NOTED
 - * DEVELOPER TO PROVIDE NECESSARY STAKING PRIOR TO CONSTRUCTION
 - * ALL PROPOSED GAS MAINS ARE 4" PLC WITH 2" PLC STUBS AS SHOWN
 - * 80' EASEMENT THROUGHOUT MEADOWBROOK PKWY. 50' EASEMENT THROUGH TRACT C. 20' EASEMENT ACROSS PROPERTY AS SHOWN
 - * PROPOSED 4" PLC MAIN TO BE LOCATED APPROX 12' BEHIND MEADOWBROOK PKWY CURB. 4" PLC TO BE LOCATED APPROX 3' OFF CURB ALONG TRACT C
 - * MAINTAIN 10' MIN SEPARATION FROM CHEROKEE WATER
 - * ADDITIONAL 20' EASEMENT TO BE GRANTED BY DEVELOPER. GAS TO BE INSTALLED APPROX 10-11 FEET FROM NORTH SIDE OF EASEMENT
 - * OFFSET JOINT TRENCH WITH ELECTRIC MAINLINE W/ 3838872-01 GAS AND ELECTRIC TRENCH LOCATION VARIES AS NOTED ABOVE
 - * CONTACT CHEROKEE METRO DISTRICT PRIOR TO CROSSING WATER & SANITARY SEWER. CONTACT IS KEVIN BROWN - 719-322-4339
 - * PROJECT CONTACTS:
 APPLICANT:
 ALLISON JONES
 TRINIC ACQUISITION COMPANY
 970-819-9968
 AGENT:
 NICK DUNHAM
 HKS ENGINEERING
 303-623-6300



DATE COMPLETED:	(MAIN)	(SERVICE)	WORKMAP
COMPANY & SUPERVISOR:			
INSPECTOR:			
(FUSIONS BY) / (WELDED BY):			
TESTED WITH AIR TO P.S.I. FOR HR. MIN.			
150P TESTED WITH AIR TO P.S.I. FOR HR. MIN.			
TIE-IN(S) SOAP TESTED: (Y) (N) GAS CONCENTRATION AFTER PURGE: %			
STEEL GRADE: (X42) (X46) (X52)			
STEEL - EXISTING WALL THICKNESS: COATING:			
STEEL - NEW WALL THICKNESS: COATING: (FBE) (ARO)			

Colorado Springs Utilities
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LEGEND

- ROW/PROPERTY LINE
- CURB LINE
- EXISTING GAS MAIN
- PROPOSED GAS MAIN & SERVICES
- PROP JOINT TRENCH GAS & ELECTRIC
- EXISTING WATER
- EXISTING STORM BRAIN
- EXISTING SEWER
- EXISTING ELECTRIC / CABLE
- MANHOLES
- FIRE HYDRANT

APPLICANT		AGENT	
ALLISON JONES TRINIC ACQUISITION COMPANY 1801 WEWATTA ST FLOOR 11 DENVER, CO 80202 (970) 819-9968		NICK DUNHAM HKS ENGINEERING 1120 LINCOLN ST DENVER, CO 80203 (303) 623-6300	
REVISIONS			
NO.	TYPE	DESCRIPTION	DATE
1	T	ADDED CMD WATER & SEWER	8-22-2022

AURA AT CROSSROADS
GAS MAINLINE EXT

CONST. NO: 3838872-01 PARENT NO: 3838872
 DESCRIPTION OF WORK: EXTEND GAS MAINLINE APPROX. 2,000'

JOINT TRENCH WITH ELECTRIC: YES
 PRES. DIST.: HILLS MAP GRID #: P-33 / Q-33
 FIELD CONTACT: PH#: CELL#: DESIGN BY: QUINTANA, DYLAN PH#: 719-668-8330 CELL#: 719-675-0099
 PLAN ENG. APPROVAL: QUAYLE, SETH 03-09-2022
 CORROSION APPROVAL: SUPV. APPROVAL: BENEDICT, TIM SUPV. APPROVAL DATE: 02-17-2022
 WORK TYPE: CAPITAL ACTIVITY CODE: 293041
 RECEPTION NO: RECEPTION DATE:
 SHEET NO: 1 OF 1

