

November 18, 2022

Mr. Mathew Thomas
James R. Childers, Architect, Inc.

Re: Cherokee Nation WW Hastings Replacement Hospital - Addendum 02 Narrative

Dear Mr. Thomas,

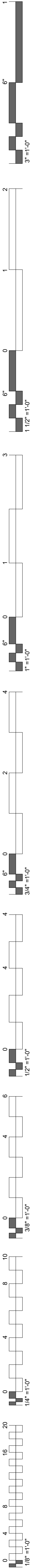
Following is a list of revisions included in Addendum 02.

- C0-101 - Updated sheet list with new sheet C4-901.
- C4-101 - Updated utility plan with grease trap location, new storm sewer inlet, and sanitary sewer manhole.
- C4-103 - Updated utility plan with grease trap location, new storm sewer inlet, and sanitary sewer manhole.
- C4-901 - New Sheet – Phase 1 Utility Plan.
- C6-101 - Corrected grate elevation on STR9.
Corrected STR22 to connect the existing storm sewer pipe to the manhole.
- C6-102 - Added STR38 inlet north of the hospital.
The flow lines of the pipes from STR28 to STR31 were lowered so that drainpipes on the upstream end can pass under the 16-in water line.
- C6-103 - Revised pipe connections to storm sewer for the lower storm sewer.
- C6-203 - Added label to STR18.
Corrected STR22 to connect the existing storm sewer pipe to the manhole.
Existing water line shown in profile ST5.
- C6-204 - Added label to STR17 in ST6 profile.
Added label to 45 deg bend in ST8 profile.
Added profile for ST2 to provide a profile of the existing storm sewer to remove from under the Central Energy Plant.
The storm sewer in ST7 profile was lowered so that drainpipes on the upstream end can pass under the 16-in water line.
Added STR38 to ST7 profile.
The pipe from STR33 to STR30 was lowered to pass under the 16-in water line.
- C7-206 - Added storm sewer crossing pipes to the profile.
- C7-207 - Revised the presentation of the water line in the profile.
- C7-210 - Added label to the plan view.
Revised profile on the east end to match the plan view.
- C7-212 - Added the graphical presentation of the gate valve and fire hydrant to the profile view.
- C7-213 - Added call-outs to the materials in the plan view of Water 8.
Revised the profile view of Water 8 to match the plan.
Added labels to the plan view of Water 13.
- C7-214 - Added call-outs to the material in the plan view of Water 12.

Sincerely,
PARKHILL

By 

Corey Lipps, PE
Senior Practice Leader



INDEX OF DRAWINGS - VOLUME 01 - CIVIL			
SHEET NUMBER	SHEET NAME	BID PACKAGE 01 - 07-29-2022	ADDENDUM 01 - 08-17-2022
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G0.01	DRAWING INDEX		
CIVIL			
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C1-101	EXISTING CONDITIONS		
C1-102	EXISTING CONDITIONS		
C1-103	EXISTING CONDITIONS		
C1-104	EXISTING CONDITIONS		
C1-105	EXISTING CONDITIONS		
C1-106	EXISTING CONDITIONS		
C1-107	EXISTING CONDITIONS		
C2-101	OVERALL DEMOLITION VIEW		
C2-102	A1 DEMOLITION PLAN		
C2-103	A2 DEMOLITION PLAN		
C2-104	B1 DEMOLITION PLAN		
C2-105	B2 DEMOLITION PLAN		
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C2-110	NP2 DEMOLITION PLAN		
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G4-101	OVERALL UTILITY VIEW		
G4-102	A1 UTILITIES		
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G4-104	B1 UTILITIES		
G4-105	B2 UTILITIES		
G4-106	C1 UTILITIES		
G4-107	C2 UTILITIES		
G4-201	LINE RELOCATION PLAN AND PROFILE		
G4-203	PHASE 1 UTILITY PLAN		
G4-801	SITE ELECTRIC AND COMMUNICATION CONDUITS		
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C6-102	STORM DRAIN PLAN		
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C6-104	FOUNDATION DRAIN PLAN		
C6-201	NP STORM PLAN & PROFILE		
C6-202	NP STORM PLAN & PROFILE		
C6-203	STORM DRAIN PROFILES		
C6-204	STORM DRAIN PROFILES		
C6-501	STORM DRAIN DETAILS		
C6-502	STORM DRAIN DETAILS		
C6-503	STORM DRAIN DETAILS		
C6-504	STORM DRAIN DETAILS		
C6-505	STORM DRAIN DETAILS		
C6-506	CICI BOX		
C6-507	CICI FRAME		
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C6-802	NP EXISTING HYDROLOGY		
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G7-203	WATER 1 PLAN AND PROFILE		
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G7-205	WATER 2 PLAN AND PROFILE		
G7-206	WATER 2 PLAN AND PROFILE		
G7-207	WATER 2 PLAN AND PROFILE		
G7-208	WATER 3 PLAN AND PROFILE		
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G7-211	WATER 5 AND 14 PLAN AND PROFILE		
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G7-214	WATER 11 AND 12 PLAN AND PROFILE		
G7-501	TPWA WATER DETAILS		
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C8-201	FORCE MAIN PLAN & PROFILE		
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Grand total: 96			

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SHEET NUMBER	SHEET NAME	BID PACKAGE 01 - 07-29-2022	ADDENDUM 01 - 08-17-2022
GENERAL			
VOL 07	COVER SHEET		
G0.01	DRAWING INDEX		
ELECTRICAL			
ENL 00	ELECTRICAL LEGEND		
ENL 01	ELECTRICAL SITE PLAN - NORTH LOT		
Grand total: 4			
INDEX OF DRAWINGS - VOLUME 09 - TECHNOLOGY			
SHEET NUMBER	SHEET NAME	BID PACKAGE 01 - 07-29-2022	ADDENDUM 01 - 08-17-2022
GENERAL			
VOL 09	COVER SHEET		
G0.01	DRAWING INDEX		
TECHNOLOGY			
TNS1.02	NETWORK SITE PLAN - NORTH PARKING & ACCESS		
Grand total: 3			

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PROFESSIONAL SEAL:

CONSULTANT LOGO:

CLIENT:

CHEROKEE NATION
REPLACEMENT HOSPITAL
TAHLEQUAH, OKLAHOMA

KEY PLAN:

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

#	DATE	REVISIONS
1	08-17-22	ADDENDUM 01
2	10-21-22	BID PACKAGE 03
3	10-21-22	BID PACKAGE 02
4	10-24-22	ASR 01
5	11-18-22	ADDENDUM 02

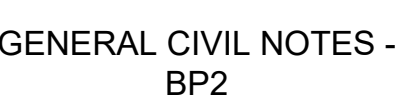
JOB NUMBER: 21-08.21
DATE: 07-29-2022
SHEET NUMBER:
G0.01
SHEET TITLE:
DRAWING INDEX

1. REFER TO SHEET CO-102 BID PACKAGE 1 "GENERAL CIVIL NOTES" FOR THE GENERAL CIVIL SITE WORK NOTES THAT APPLY TO ALL CIVIL SITE WORK CONSTRUCTION.
2. REFER TO BID PACKAGE 1 FOR UTILITIES LOCATED IN THE NORTH PARKING LOT, AND FOR GAS SUPPLY FROM NOPFA AND FIBER FROM COX.
3. SANITARY SEWER UTILITIES WILL BE ISSUED IN A FUTURE BID PACKAGE.
4. TRANSFORMERS, LIGHT POLES, AND ELECTRIC VEHICLE CHARGING STATIONS ARE NOT INCLUDED IN BID PACKAGE 2. THESE WILL BE ISSUED IN A FUTURE BID PACKAGE.
5. OVERHEAD POWER FROM THE SUBSTATION TO THE MECHANICAL YARD IS NOT INCLUDED IN BID PACKAGE 2. THE DESIGN AND COORDINATION WITH OG&E IS NOT COMPLETE.
6. REDUNDANT UNDERGROUND AND OVERHEAD FIBER OPTIC COMMUNICATIONS BETWEEN THE CLINIC AND THE HOSPITAL ARE REQUESTED BY OWNER. BID PACKAGE 2 PROVIDES THE UNDERGROUND. THE OVERHEAD FIBER OPTIC WILL BE WITHIN THE PEDESTRIAN BRIDGE AND WILL BE PART OF A FUTURE BID PACKAGE.
7. HYDRONIC PIPES, FIRE SPRINKLER SUPPLY, MEDICAL GAS, OXYGEN, VACUUM, AND COMMUNICATIONS BETWEEN THE HOSPITAL AND CENTRAL ENERGY PLANT WILL BE WITHIN A UTILITY BRIDGE BETWEEN THE TWO BUILDINGS. THESE UTILITIES AND UTILITY BRIDGE WILL BE PART OF FUTURE BID PACKAGE(S).
8. POWER, DATA, AND WATER ARE PROVIDED AT THE AMBULANCE CHARGING STATIONS.

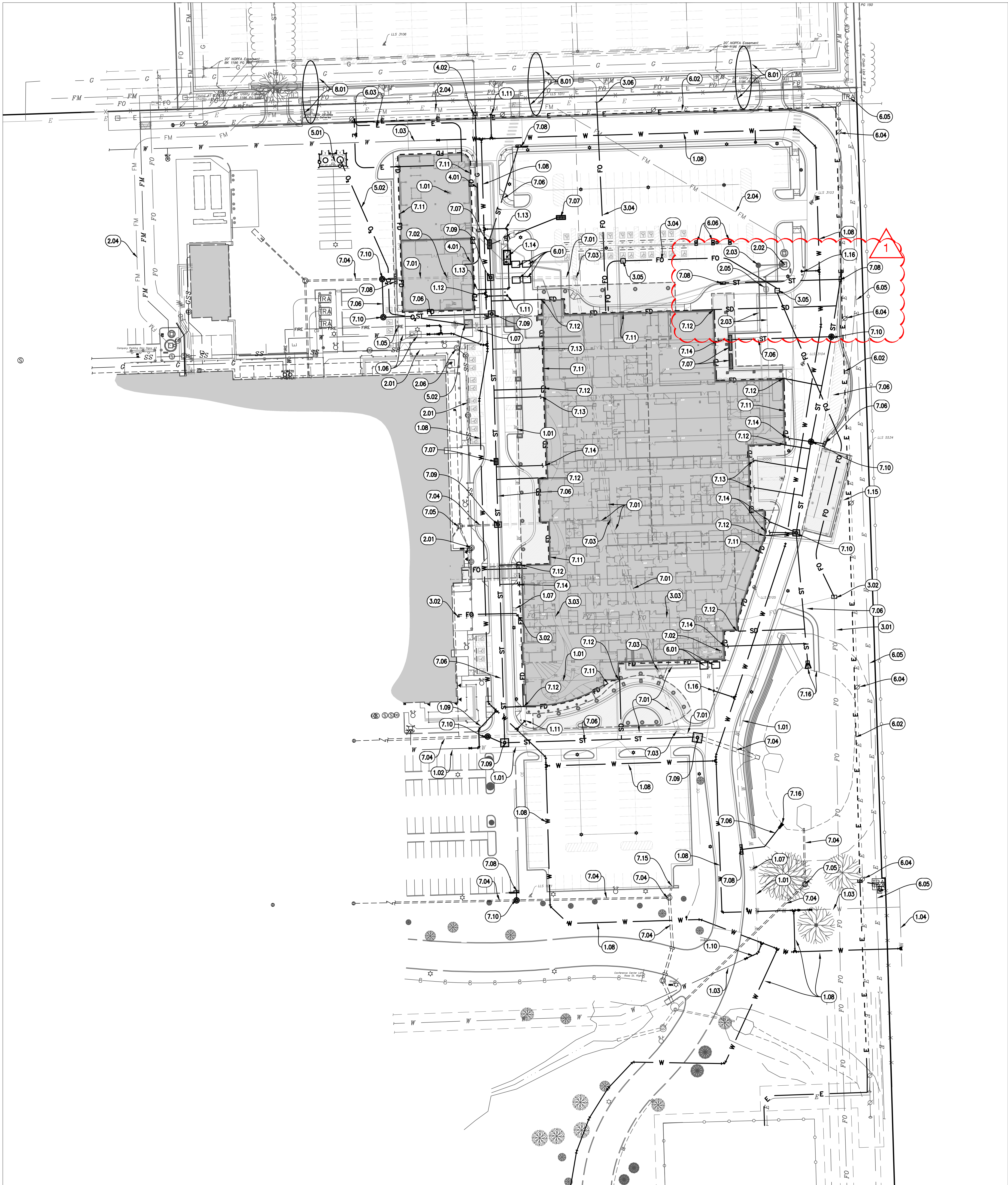
9	AT	ABOVE FINISHED FLOOR	N/A	NOT APPLICABLE
AGRD		ADJACENT GRADE		
AU		AUTHORITY HAVING JURISDICTION		
APPROX		APPROXIMATE	00	OUTSIDE DIAMETER
ARCH		ARCHITECTURAL		
ASSY		ASSEMBLY	MEP	WATCH MECHANICAL / ELECTRICAL / PLUMBING
BFF		BELOW FINISHED FLOOR		
BLDG		BUILDING		
OP		CAST IN PLACE	N	NORTH
CL		CENTLINE	NO.	NORTHING NUMBER
CM		CENTER		
CONC		CONCRETE	00C	ON CENTER
CONST		CONSTRUCT	ODE	OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
CONT		CONTINUOUS	00OT	OKLAHOMA DEPARTMENT OF TRANSPORTATION
COORD		COORDINATE	OWRB	OKLAHOMA WATER RESOURCES BOARD
DA		DIAMETER	OZ	OUNCE
DS		DOWN SPOUT		
DTL		DETAIL	PC	PORTLAND CEMENT
DWG(S)		DRAWINGS	PC	PRE-CAST
E		EAST	PC	POINT OF CURVATURE
EG		EASTING	PLBG	PLUMBING
EGL		EXISTING GRADE	POC	POINT OF CONNECTION
EGLCL		EXISTING GRADE CENTER LINE	PRC	POINT OF REVERSE CURVATURE
ELC		ELECTRICAL	PTI	POINT OF TANGENCY
ELEV		ELEVATION	PVI	POINT OF VERTICAL INTERSECTION
EJ		EXPANSION JOINT		
EQ		EQUAL	QTY	QUANTITY
ETR		EXISTING TO REMAIN	R	RADIUS
EX		EXISTING	RE:	REFERENCE
EXHD		EXTRA HEAVY DUTY	REINF	REINFORCED
			REV	REVISION
FD		FLOOR DRAIN		
FG		FINISHED FLOOR	S	SLOPE
FG		FINISHED GRADE	SD	SCHEDULE
FGCL		FINISHED GRADE CENTER LINE	SAN	SANITARY
FL		FLOWLINE	SCHED	SECTION
FOC		FACE OF CONCRETE	SFT	SQUARE FEET
FT		FOOT/FEET	SHT	SHEET
FTNG		FOOTING	SPEC	SPECIFICATION
FV		FIELD VERIFY	SQ	SQUARE
GA		GAUGE	STRUC	STRUCTURAL
GALV		GALVANIZED	STD	STANDARD
GC		GENERAL CARVING	SW	SIDEWALK
GU		GUTTER	SY	SQUARE YARD
HD		HEAVY DUTY	TC	TOP OF CURB
HORIZ		HORIZONTAL	TEMP	TEMPORARY
		HEIGHT	TOC	TOP OF CONCRETE
IN		INCH	TOE	TOE OF SLOPE
INFO		INFORMATION	TOP	TOP OF SLOPE
IFC		INSIDE DIAMETER	TOW	TOP OF WALL
INT		INTERNATIONAL FUEL GAS CODE	TPW	TOP OF WALL
IPC		INTERNATIONAL PLUMBING CODE	TYP	TYPICAL
JT		JOINT	UNO	UNLESS NOTED OTHERWISE
LD		LIGHT DUTY		
LF		LINEAL FEET	VERT	VERTICAL
			W	WEST
MH		MANHOLE	W/	WITH
MAX		MAXIMUM	WT	WEIGHT
MED		MECHANICAL		
MIN		MINIMUM		
MISC		MISCELLANEOUS		

Sheet Number	Sheet Title
C0-101	General Civil Notes – BP2
C1-101	Existing Conditions
C1-102	Existing Conditions
C1-106	Existing Conditions
C1-107	Existing Conditions
C2-101	Overall Demolition View
C2-102	A1 Demolition Plan
C2-103	A2 Demolition Plan
C2-104	B1 Demolition Plan
C2-105	B2 Demolition Plan
C2-106	C1 Demolition Plan
C2-107	C2 Demolition Plan
C2-701	Erosion Control Plan – Hospital
C2-751	Erosion Control Details
C4-101	Overall Utility View
C4-102	A1 Utilities
C4-103	A2 Utilities
C4-104	B1 Utilities
C4-105	B2 Utilities
C4-106	C1 Utilities
C4-107	C2 Utilities
C4-801	Site Electric and Communication Conduits
C4-901	Phase 1 Utility Plan
C6-101	Storm Drain Plan
C6-102	Storm Drain Plan
C6-103	Roof Drain Plan
C6-104	Foundation Drain Plan
C6-203	Storm Drain Profiles
C6-204	Storm Drain Profiles
C6-506	CICI Box
C6-507	CICI Frame
C6-508	CICI Gate
C6-509	Design 6 and 7 Area Inlet
C6-510	Grate and Frame for Area Inlet
C6-511	Storm Drain Details
C7-101	Overall Water Plan
C7-201	Water 1 Plan and Profile
C7-202	Water 1 Plan and Profile
C7-203	Water 1 Plan and Profile
C7-204	Water 2 Plan and Profile
C7-205	Water 2 Plan and Profile
C7-206	Water 2 Plan and Profile
C7-207	Water 2 Plan and Profile
C7-208	Water 3 Plan and Profile
C7-209	Water 3 Plan and Profile
C7-210	Water 4 Plan and Profile
C7-211	Water 5 and 14 Plan and Profile
C7-212	Water 6, 9, and 10 Plan and Profile
C7-213	Water 7, 8, and 13 Plan and Profile
C7-214	Water 11 and 12 Plan and Profile
C7-501	TPWA Water Details
C7-502	Water Details

	AIR CONDITIONER UNIT
	FIRE HYDRANT
	GAS METER
	GAS VALVE
	GAS VENT
	GROUND TRANSFORMER
•	GUARD POST
○	LIGHT POLE
	STORM DRAIN MANHOLE
	SANITARY SEWER MANHOLE
●	PROPERTY CORNER FOUND
○	PROPERTY CORNER SET
	SANITARY SEWER CLEANOUT
	COMMERCIAL SIGN
	SIGN
	SPRINKLER HEAD
	SPRINKLER VALVE
	TELEPHONE RISER
	TRAFFIC/ELECTRIC PULL BOX
	WATER METER
	WATER VALVE BOX
TC=1121.63	TOP OF CURB
G=1121.33	CUTTER SPOT
X 1121.5	SPOT ELEVATION



11/18/2022 A:\2021\512321\03_DSGN\01_DWG\050_CIVIL\04-UTIL-5123.DWG



KEYNOTES	
1.01	EXISTING WATER DISTRIBUTION LINE TO REMOVE.
1.02	EXISTING 6-IN WATER DISTRIBUTION LINE TO PRESERVE.
1.03	EXISTING 12-IN PVC WATER DISTRIBUTION LINE TO PRESERVE.
1.04	EXISTING 16-IN DI WATER DISTRIBUTION LINE TO PRESERVE.
1.05	EXISTING 8-IN FIRE LINE TO CLINIC TO PRESERVE.
1.06	EXISTING 6-IN WATER SERVICE AND METER VAULT TO CLINIC TO PRESERVE.
1.07	EXISTING FIRE HYDRANT TO REMOVE.
1.08	INSTALL 16-IN PLASTIC WRAPPED DUCTILE IRON WATER DISTRIBUTION LINE.
1.09	INSTALL 6-IN SDR21 CLASS 200 PVC WATER DISTRIBUTION LINE.
1.10	INSTALL 12-IN SDR21 CLASS 200 PVC WATER DISTRIBUTION LINE.
1.11	INSTALL FIRE HYDRANT WITH 6-IN SDR21 CLASS 200 PVC WATER PIPE.
1.12	INSTALL 8-IN FIRE LINE TO CENTRAL ENERGY PLANT. REFER TO FIRE PLANS IN FUTURE BID PACKAGE FOR CONTINUATION.
1.13	INSTALL 6-IN WATER SERVICE LINE TO CENTRAL ENERGY PLANT. REFER TO PLUMBING PLANS IN FUTURE BID PACKAGE FOR CONTINUATION.
1.14	INSTALL CONCRETE VAULT FOR 6-IN WATER METER. TOP ELEVATION OF VAULT LID SHALL BE EVEN WITH SIDEWALK TO MEET A.D.A. REQUIREMENTS.
1.15	INSTALL 1-IN WATER LINE FROM HOSPITAL TO FROST PROOF HYDRANT. REFER TO PLUMBING PLANS IN FUTURE BID PACKAGE.
1.16	INSTALL FIRE HYDRANT SALVAGED FROM DEMOLITION. USE NEW PIPE, VALVES, FITTINGS, BENDS, BOLTS, AND RESTRAINTS.
2.01	EXISTING SANITARY SEWER TO PRESERVE.
2.02	PROPOSED SEWER LIFT STATION. NOT INCLUDED IN BID PACKAGE 2.
2.03	PROPOSED GRAVITY SEWER. NOT INCLUDED IN BID PACKAGE 2.
2.04	PROPOSED SEWER FORCE MAIN TO CLINIC LIFT STATION. NOT INCLUDED IN BID PACKAGE 1.
2.05	PROPOSED GREASE TRAP. NOT INCLUDED IN BID PACKAGE 2.
2.06	EXISTING SEWER MANHOLE TO PRESERVE.
3.01	EXISTING FIBER OPTIC CONDUITS TO PRESERVE.
3.02	EXISTING FIBER OPTIC PULLBOX TO PRESERVE.
3.03	EXISTING FIBER OPTIC CONDUITS TO REMOVE.
3.04	INSTALL (3) 4-IN FIBER OPTIC CONDUITS. BURY CONDUITS WITH A MINIMUM 3-FT COVER BELOW FINAL GRADE. EMBED CONDUIT WITH SAND OR ROCK SCREENINGS A MINIMUM 6-IN ON ALL SIDES.
3.05	INSTALL FIBER OPTIC PULL BOX WITH LID RATED FOR HEAVY DUTY TRAFFIC.
3.06	CONNECT CONDUITS WITH FIBER OPTIC CONDUITS IN BID PACKAGE 1.

GENERAL NOTES

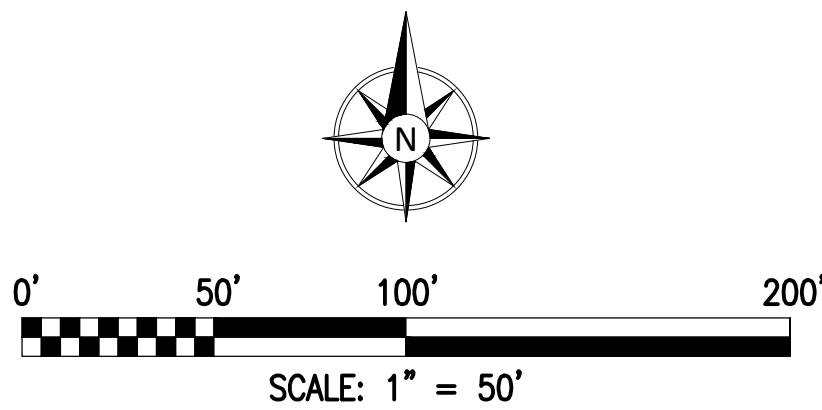
- SEE ALSO DEMOLITION PLAN SHEETS C2-101 THROUGH C2-107 FOR UTILITY DEMOLITION COORDINATION.
- SEE THE C6 SERIES OF SHEETS FOR STORM DRAIN PLANS, PROFILES, AND DETAILS.
- SEE THE C7 SERIES OF SHEETS FOR WATER PLANS, PROFILES, AND DETAILS.
- COORDINATE GAS SERVICE WITH NOPFA. VERIFY GAS DEMAND WITH MECHANICAL PLANS.
- COORDINATE INSTALLATION OF WATER DISTRIBUTION WITH THE TAHEQUAH PUBLIC WORKS AUTHORITY. COORDINATE OXYGEN SUPPLY SERVICE LINE WITH THE FACILITY'S OXYGEN GAS SUPPLIER.
- HYDRONIC PIPES, FIRE SPRINKLER SUPPLY, MEDICAL GAS, VACUUM, OXYGEN AND LOW VOLTAGE CONDUITS FROM THE CENTRAL ENERGY PLANT WILL BE LOCATED IN THE UTILITY BRIDGE BETWEEN THE ENERGY PLANT AND THE HOSPITAL. THIS WILL BE ISSUED IN A FUTURE BID PACKAGE.

EXISTING UTILITY LEGEND

COMMUNICATIONS FIBER	FO	FO	FO
ELECTRIC OVERHEAD	E	E	E
ELECTRIC UNDERGROUND	E	E	E
NATURAL GAS	G	G	G
OXYGEN GAS	O ₂	O ₂	O ₂
SEWER	SS	SS	SS
STORM	ST	ST	ST
WATER	W	W	W
FOUNDATION DRAIN	FD	FD	FD

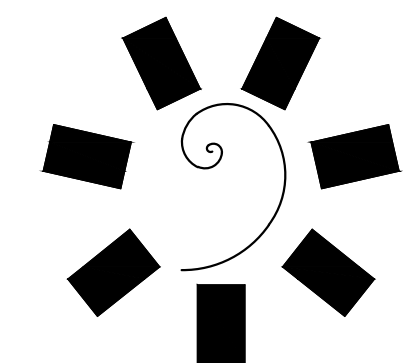
UTILITY LEGEND

COMMUNICATIONS FIBER	FO	FO	FO
ELECTRIC OVERHEAD	E	E	E
ELECTRIC UNDERGROUND	E	E	E
NATURAL GAS	G	G	G
OXYGEN GAS	O ₂	O ₂	O ₂
SEWER	SS	SS	SS
STORM	ST	ST	ST
WATER	W	W	W
FOUNDATION DRAIN	FD	FD	FD

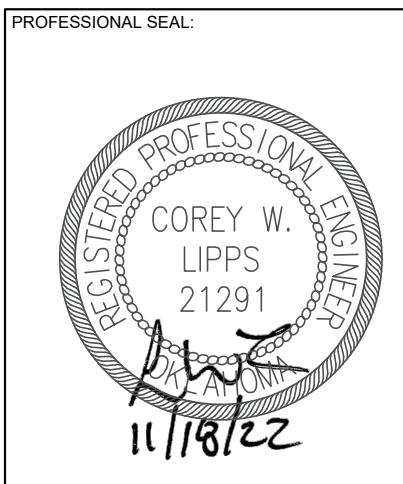


UTILITY WARNING:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

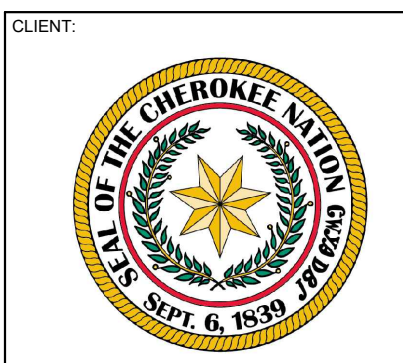
UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



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Oklahoma CA #4635, Expires 6/30/2023



CHEROKEE NATION
W.W. HASTINGS REPLACEMENT HOSPITAL
TAHEQUAH, OKLAHOMA

A1	A2
B1	B2
C1	C2

PROJECT PHASE
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

NO.	REVISIONS
1	11/18/22
	ADDENDUM 02

JOB NUMBER: 21-08.21
DATE: 10-21-2022
SHEET NUMBER:
C4-101
SHEET TITLE:
OVERALL UTILITY VIEW

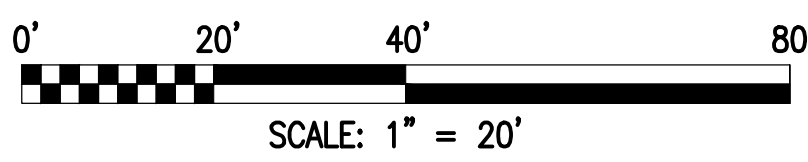
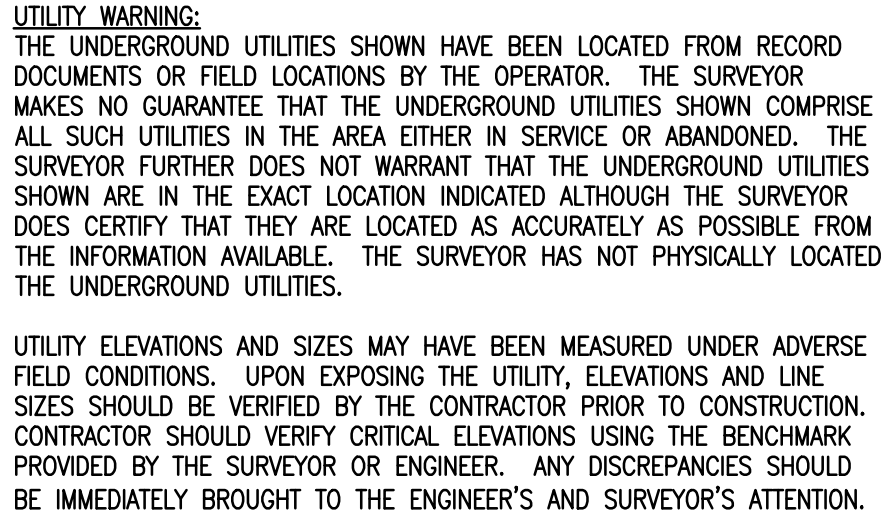


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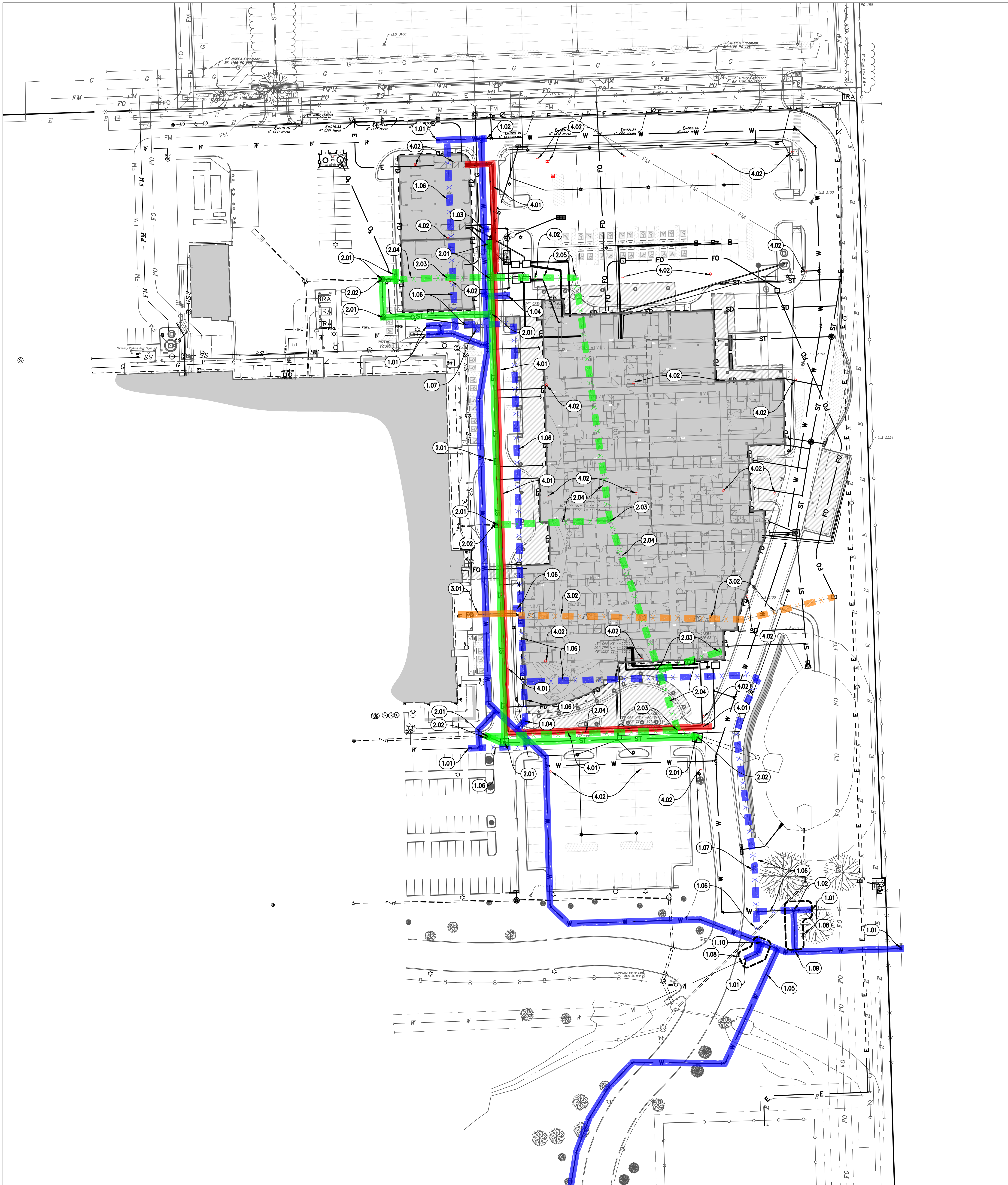
C4-103

MEET TITLE:

A2 UTILITIES



11/18/2022 A:\2021\512321\03_DSGN01_DWG\050_CIVIL\04-UTIL-PHASE1-5123.DWG



KEYNOTES	
1.01	CONNECT TO EXISTING WATER.
1.02	INSTALL TEE, (3) VALVES, AND REDUCER. INSTALL 16-IN PLUG FOR FUTURE CONNECTION.
1.03	INSTALL TEE AND (3) VALVES. INSTALL 6-IN PLUG FOR FUTURE CONNECTION.
1.04	INSTALL FIRE HYDRANT.
1.05	INSTALL WATER TO ROSS STREET. THIS WATER MAIN IS NOT NECESSARILY REQUIRED FOR DEVELOPMENT OF THE BUILDING PAD, BUT THERE IS NO APPARENT REASON TO DELAY THIS CONSTRUCTION INTO THE FUTURE.
1.06	REMOVE WATER LINE.
1.07	REMOVE FIRE HYDRANT.
1.08	INSTALL CONNECTION TO EXISTING 12-IN WATER AFTER THE NEW 16-IN WATER BETWEEN THE HOSPITAL AND CLINIC ARE PLACED IN SERVICE.
1.09	INSTALL TEE AND (3) VALVES. INSTALL 16-IN PLUG FOR FUTURE CONNECTION.
1.10	INSTALL TEE AND (2) VALVES. INSTALL 12-IN PLUG FOR FUTURE CONNECTION.
2.01	INSTALL STORM SEWER STRUCTURE. STORM SEWER STRUCTURES MAY NEED TO BE FABRICATED AT LESSER HEIGHTS TO ACCEPT STORM WATER FOR THE INTERIM CONDITION BETWEEN HOSPITAL CONSTRUCTION AND FINAL SITE WORK CONSTRUCTION. THE WALLS OF THESE STRUCTURES WILL NEED TO BE EXTENDED FOR FINAL ELEVATION.
2.02	CONNECT EXISTING STORM SEWER TO NEW STRUCTURE.
2.03	REMOVE STORM SEWER STRUCTURE.
2.04	REMOVE STORM SEWER PIPE.
2.05	EXISTING GRATED INLET IS LOCATED IN A SUMP CONDITION (24" FL IN=907.63). CM MAY CONSIDER TEMPORARILY LEAVING THIS STRUCTURE IN PLACE. THE EXISTING UPSTREAM PIPE WILL NEED TO BE REMOVED AND A NEW PIPE LAID TO DRAIN WEST TO PROPOSED STR17 (FL OUT=906.77).
3.01	INSTALL COMMUNICATIONS CONDUITS.
3.02	REMOVE COMMUNICATIONS CONDUITS.
4.01	INSTALL ELECTRIC CONDUITS.
4.02	REMOVE LIGHT POLES AND CONDUITS FROM WORK ZONE.

GENERAL NOTES

- A. THE PHASE 1 UTILITY PLAN IS INTENDED TO IDENTIFY THE NEW UTILITIES THAT ARE TO BE CONSTRUCTED AND THE EXISTING UTILITIES THAT ARE TO BE DEMOLISHED PRIOR TO THE DEVELOPMENT OF THE BUILDING PAD.
- B. SEE ALSO DEMOLITION PLAN SHEETS C2-101 THROUGH C2-107 FOR UTILITY DEMOLITION COORDINATION.
- C. SEE THE C6 SERIES OF SHEETS FOR STORM DRAIN PLANS, PROFILES, AND DETAILS.
- D. SEE THE C7 SERIES OF SHEETS FOR WATER PLANS, PROFILES, AND DETAILS.
- E. COORDINATE GAS SERVICE WITH NOPFA. VERIFY GAS DEMAND WITH MECHANICAL PLANS.
- F. COORDINATE INSTALLATION OF WATER DISTRIBUTION WITH THE TAHEQUAH PUBLIC WORKS AUTHORITY.
- G. COORDINATE OXYGEN SUPPLY SERVICE LINE WITH THE FACILITY'S OXYGEN GAS SUPPLIER.
- H. HYDROCARBON PIPES, FIRE SPRINKLER SUPPLY, MEDICAL GAS, VACUUM, OXYGEN AND LOW VOLTAGE CONDUITS FROM THE CENTRAL ENERGY PLANT WILL BE LOCATED IN THE UTILITY BRIDGE BETWEEN THE ENERGY PLANT AND THE HOSPITAL. THIS WILL BE ISSUED IN A FUTURE BID PACKAGE.

EXISTING UTILITY LEGEND

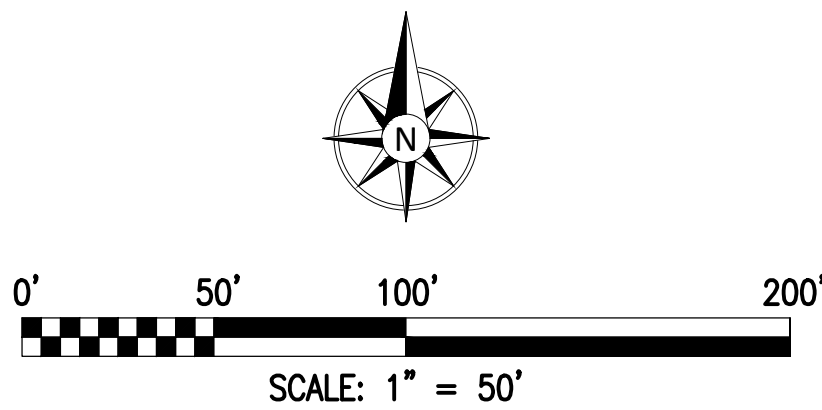
COMMUNICATIONS FIBER	FO	FO	FO
ELECTRIC OVERHEAD	E	E	E
ELECTRIC UNDERGROUND	E	E	E
NATURAL GAS	G	G	G
OXYGEN GAS	O ₂	O ₂	O ₂
SEWER	SS	SS	SS
STORM SEWER	ST	ST	ST
WATER	W	W	W
FOUNDATION DRAIN	FD	FD	FD

UTILITY LEGEND

COMMUNICATIONS FIBER	FO	FO	FO
ELECTRIC OVERHEAD	E	E	E
ELECTRIC UNDERGROUND	E	E	E
NATURAL GAS	G	G	G
OXYGEN GAS	O ₂	O ₂	O ₂
SEWER	SS	SS	SS
STORM SEWER	ST	ST	ST
WATER	W	W	W
FOUNDATION DRAIN	FD	FD	FD

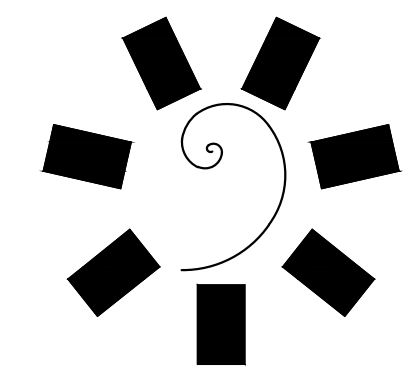
PHASE 1 LEGEND

WATER INSTALL	W
WATER DEMOLISH	W
STORM SEWER INSTALL	ST
STORM SEWER DEMOLISH	ST
COMMUNICATIONS INSTALL	FO
COMMUNICATIONS DEMOLISH	FO
ELECTRIC INSTALL	E

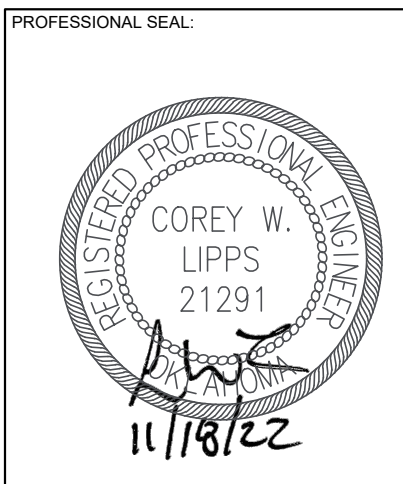


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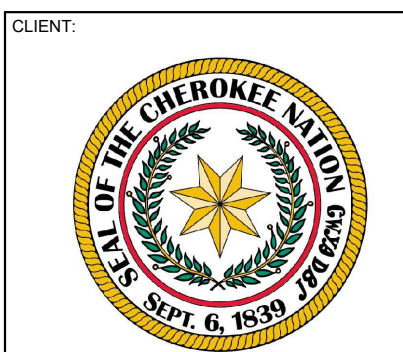
UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



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TAHEQUAH, OKLAHOMA

KEY PLAN:	A1	A2
	B1	B2
	C1	C2

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

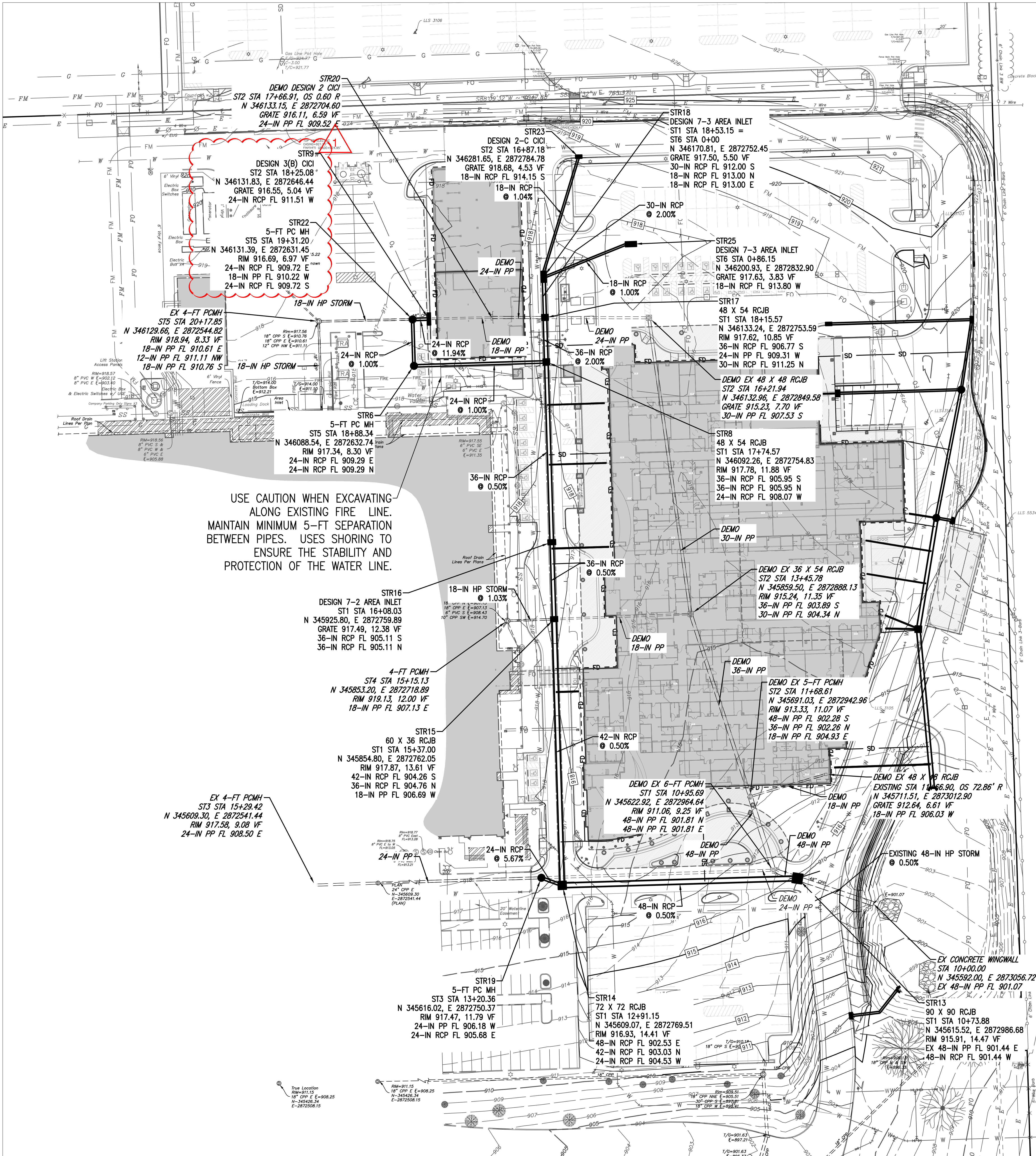
NO.	REVISIONS
1	11/18/22
	ADDENDUM 02

JOB NUMBER: 21-08.21
DATE: 11-18-2022

SHEET NUMBER:
C4-901

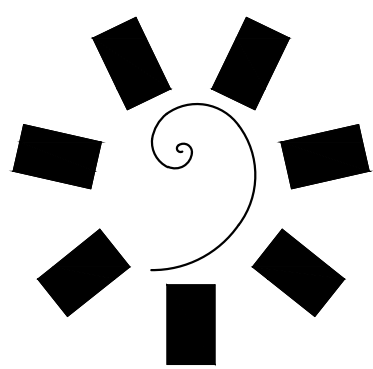
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PHASE 1 UTILITY PLAN

11/18/2022 A:\2021\512321\03_DSGN\01_DWG\050_CIVIL\06-STRM-5123.DWG

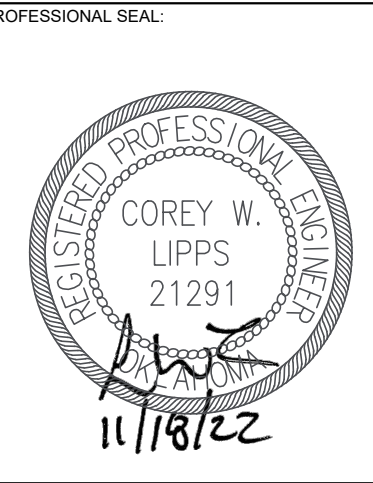


STORM DRAIN CONSTRUCTION NOTES

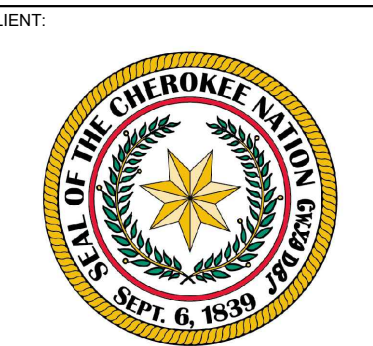
1. ADS HP STORM PIPE MAY BE SUBSTITUTED FOR REINFORCED CONCRETE PIPE. PIPE SHALL BE INSTALLED, EMBEDDED, AND BACKFILLED ACCORDING TO MANUFACTURER SPECIFICATIONS AND ASTM STANDARDS FOR EMBEDDING AND BACKFILLING POLYPROPYLENE PIPE.
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TAHLEQUAH, OKLAHOMA

KEY PLAN
A1 A2
B1 B2
C1 C2

PROJECT PHASE
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

1	11/18/22	REVISIONS
		ADDENDUM 02

JOB NUMBER: 21-08.21

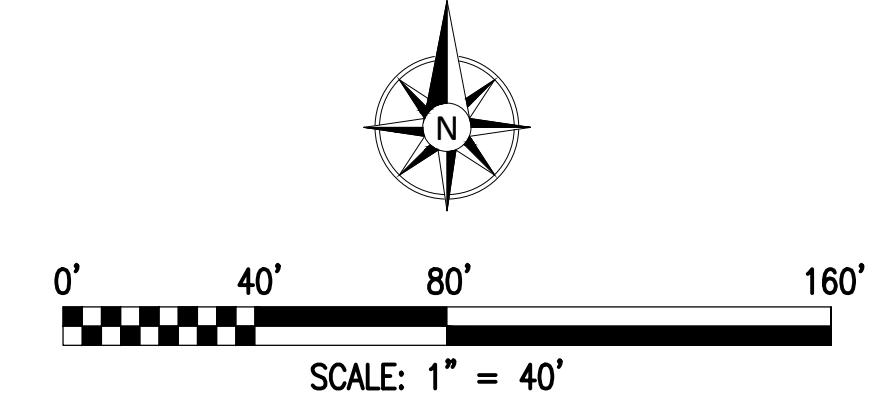
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SHEET NUMBER:

C6-101

SHEET TITLE:

STORM DRAIN PLAN

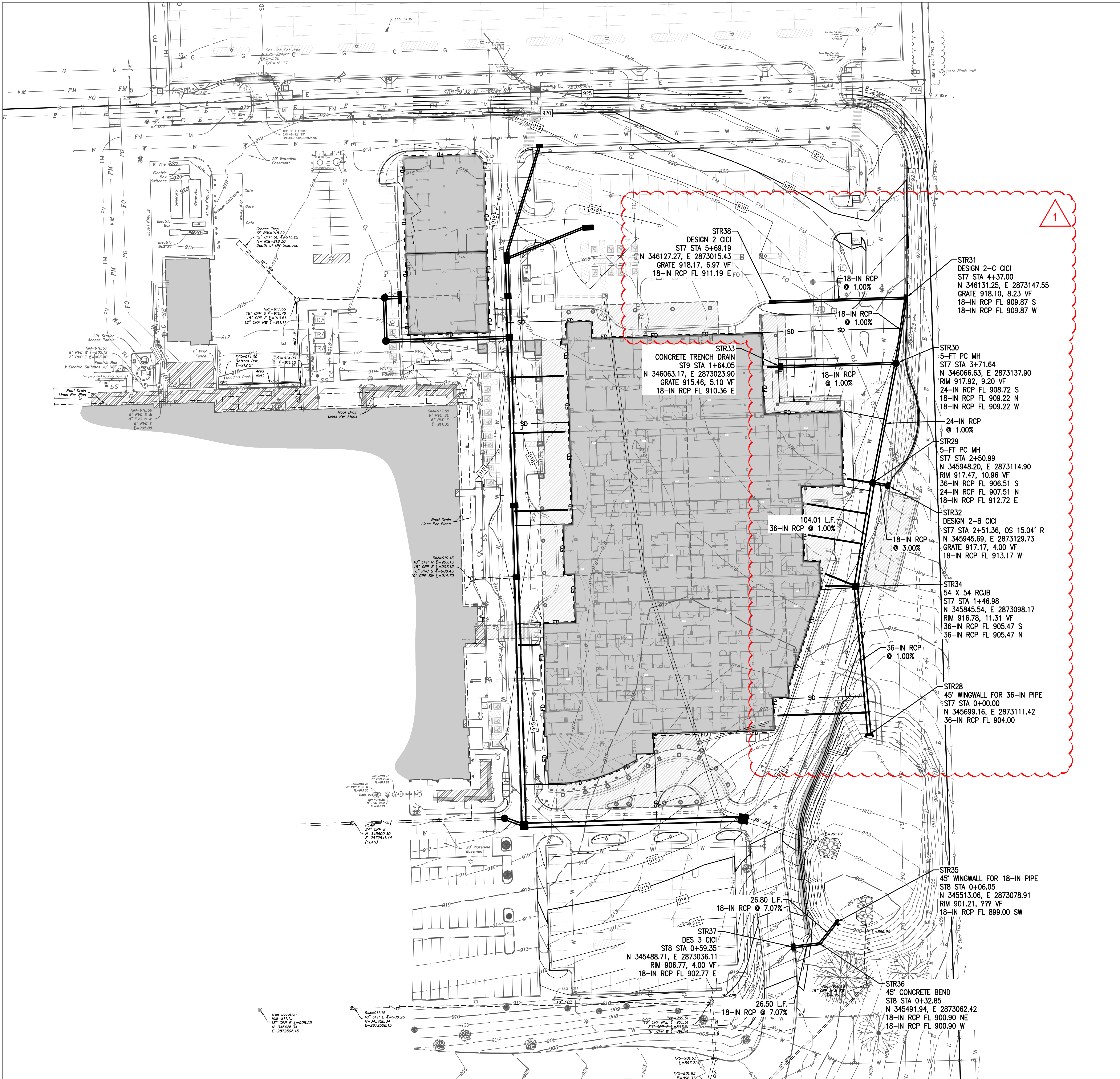


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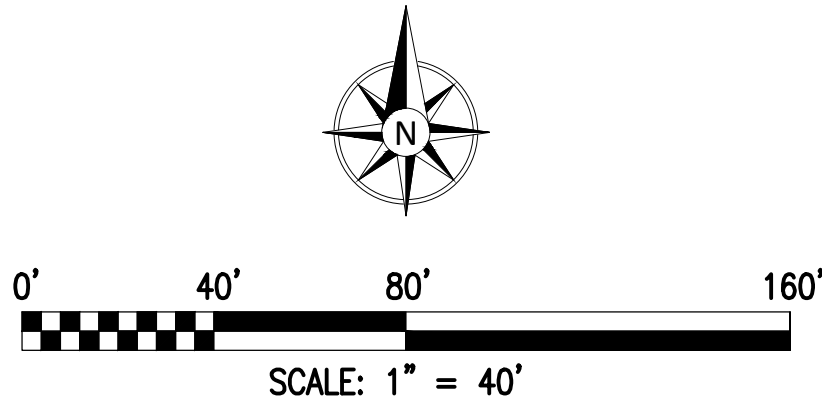


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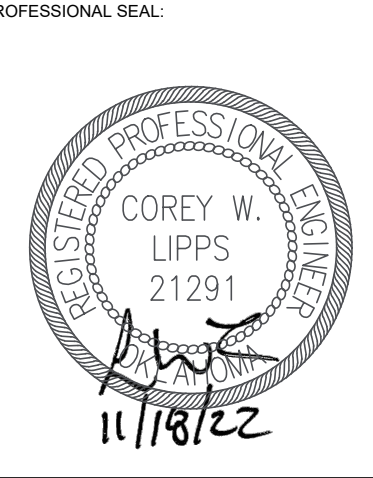
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TAHLEQUAH, OKLAHOMA

KEY PLAN:	A1	A2
	B1	B2
	C1	C2

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

1	11/18/22	REVISIONS
		ADDENDUM 02

JOB NUMBER: 21-08.21

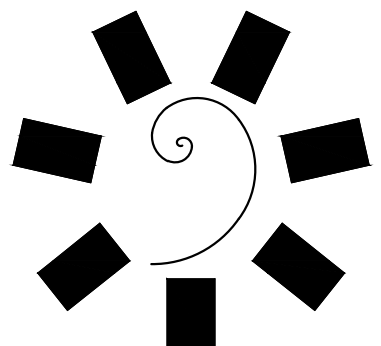
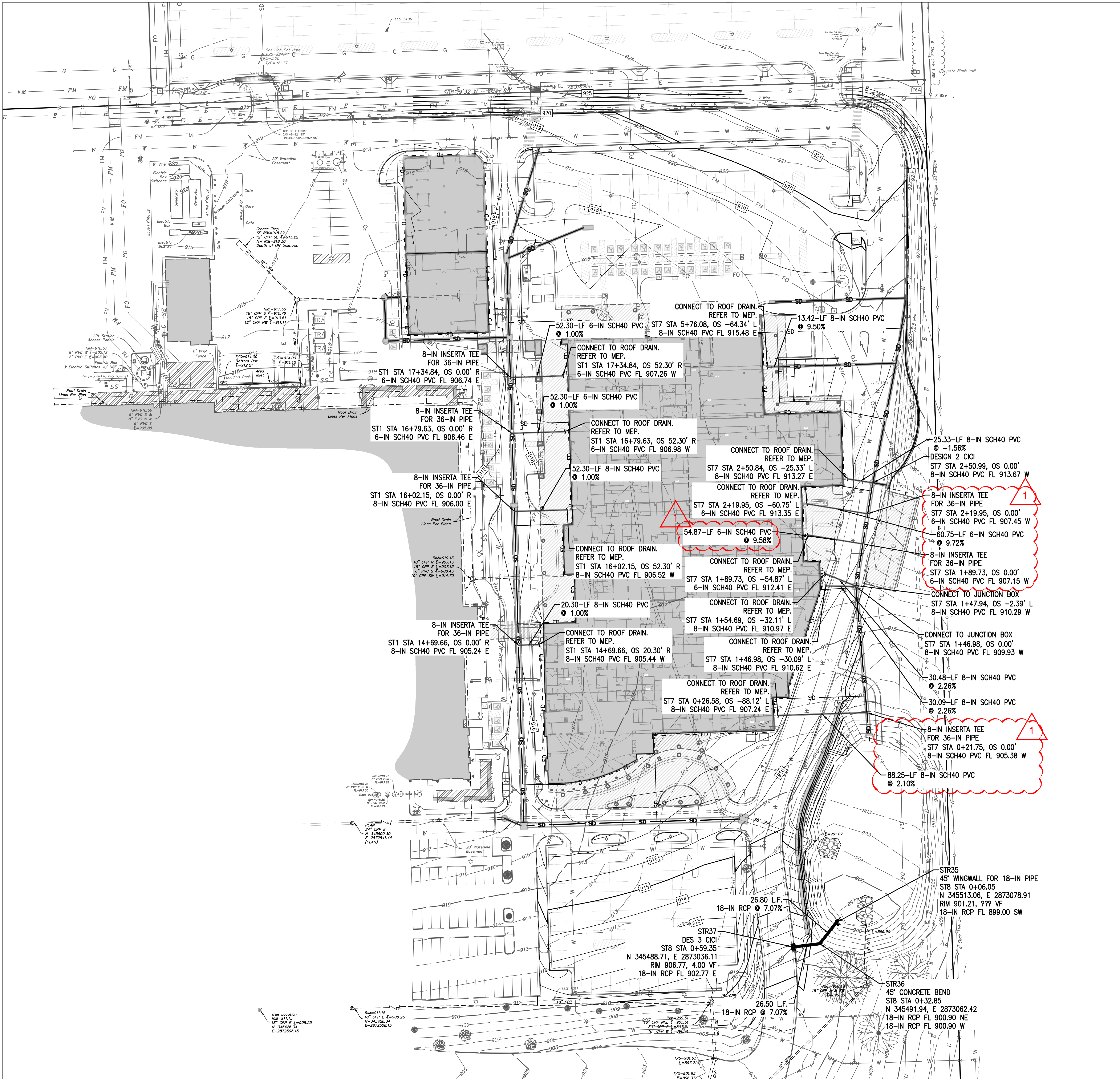
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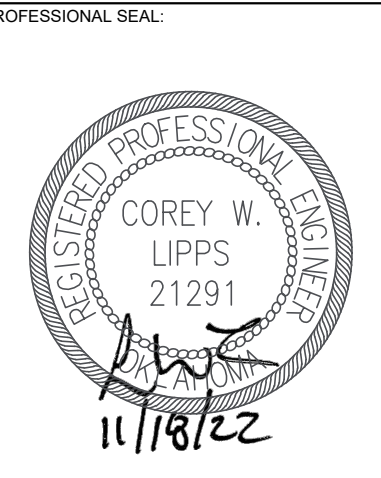
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SHEET TITLE:
STORM DRAIN PLAN

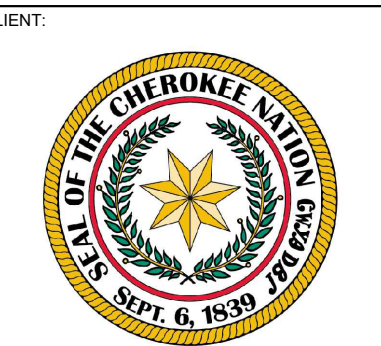
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KEY PLAN
A1 A2
B1 B2
C1 C2

PROJECT PHASE
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

1	11/18/22	REVISIONS	ADDENDUM 02

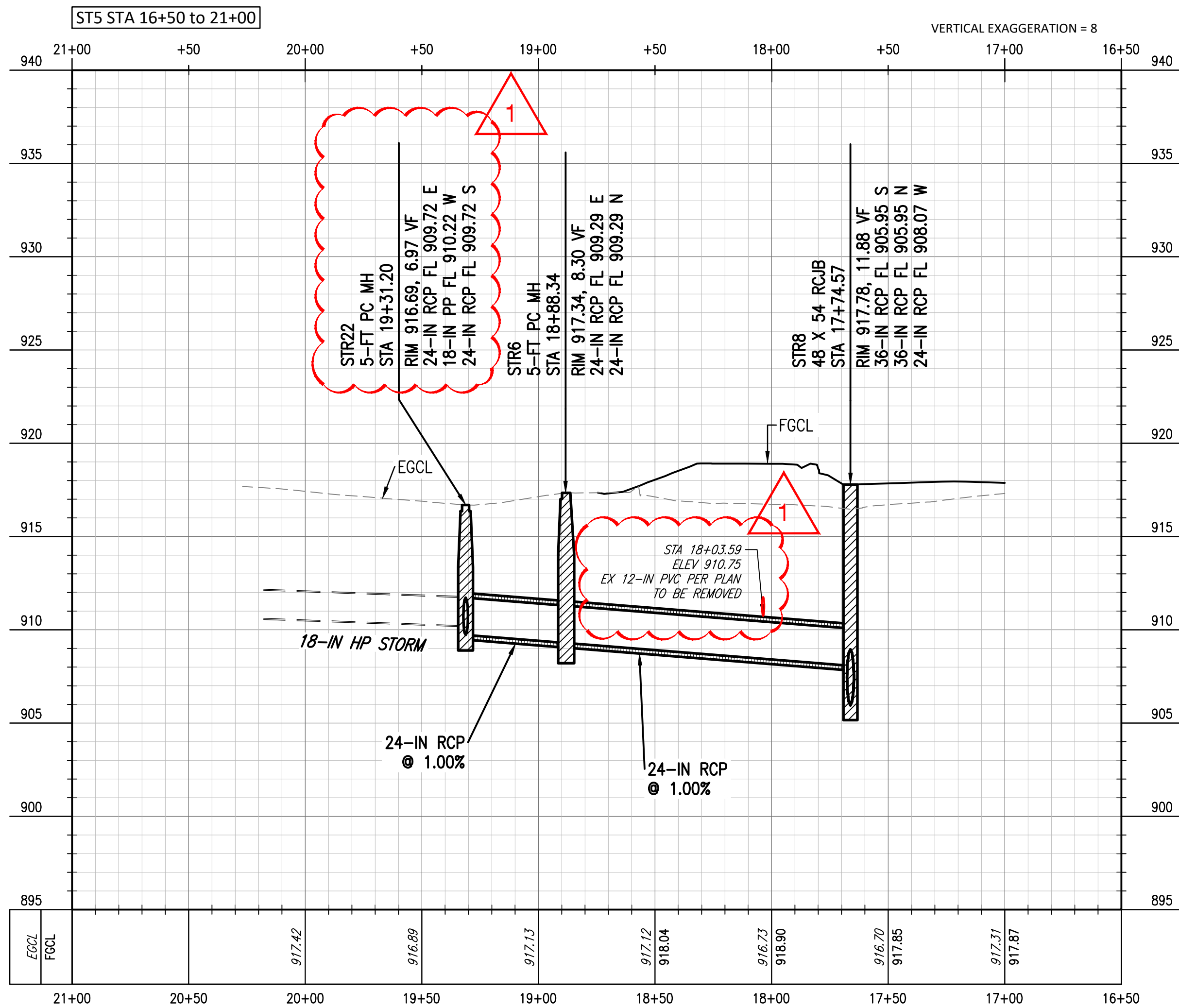
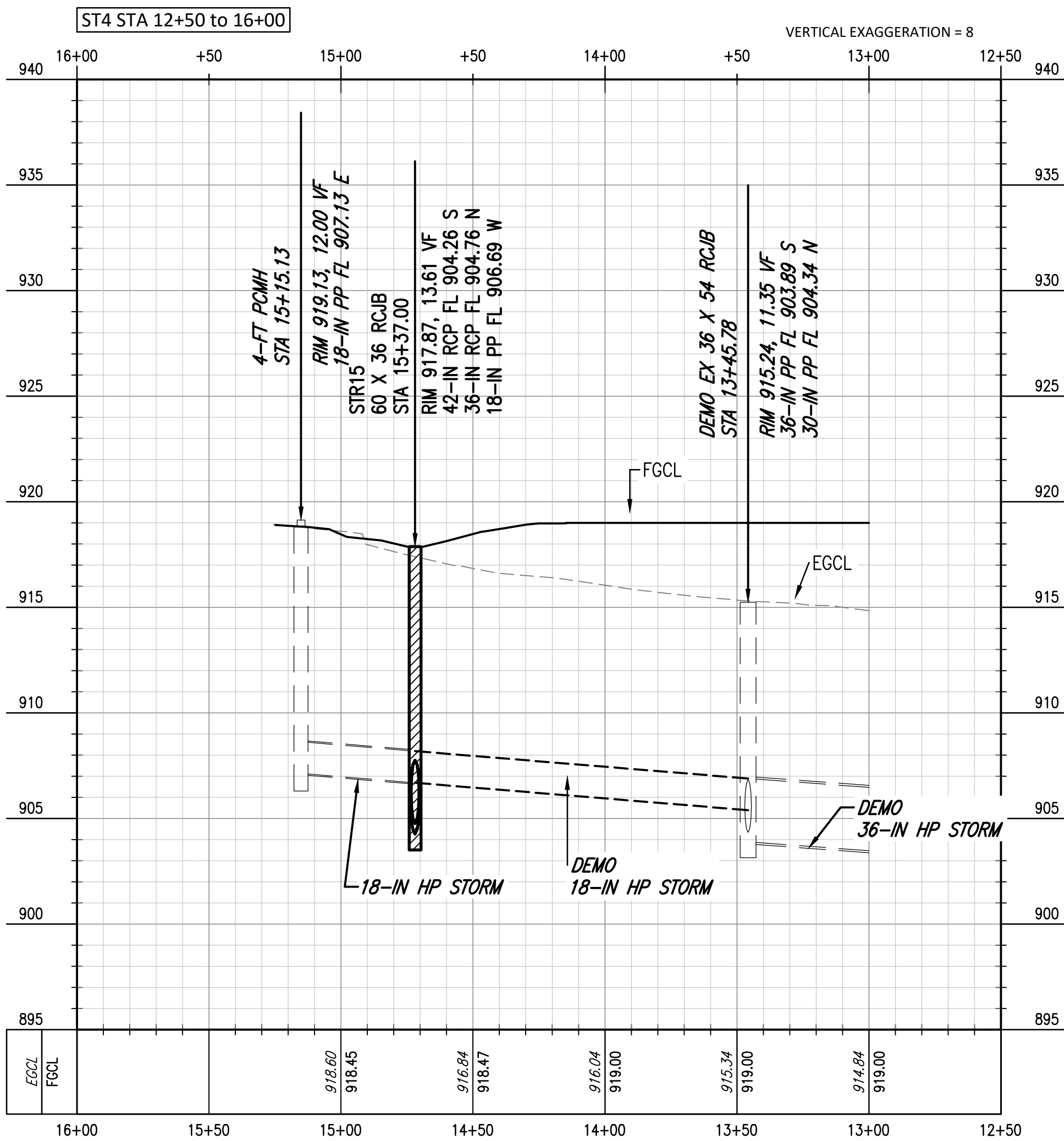
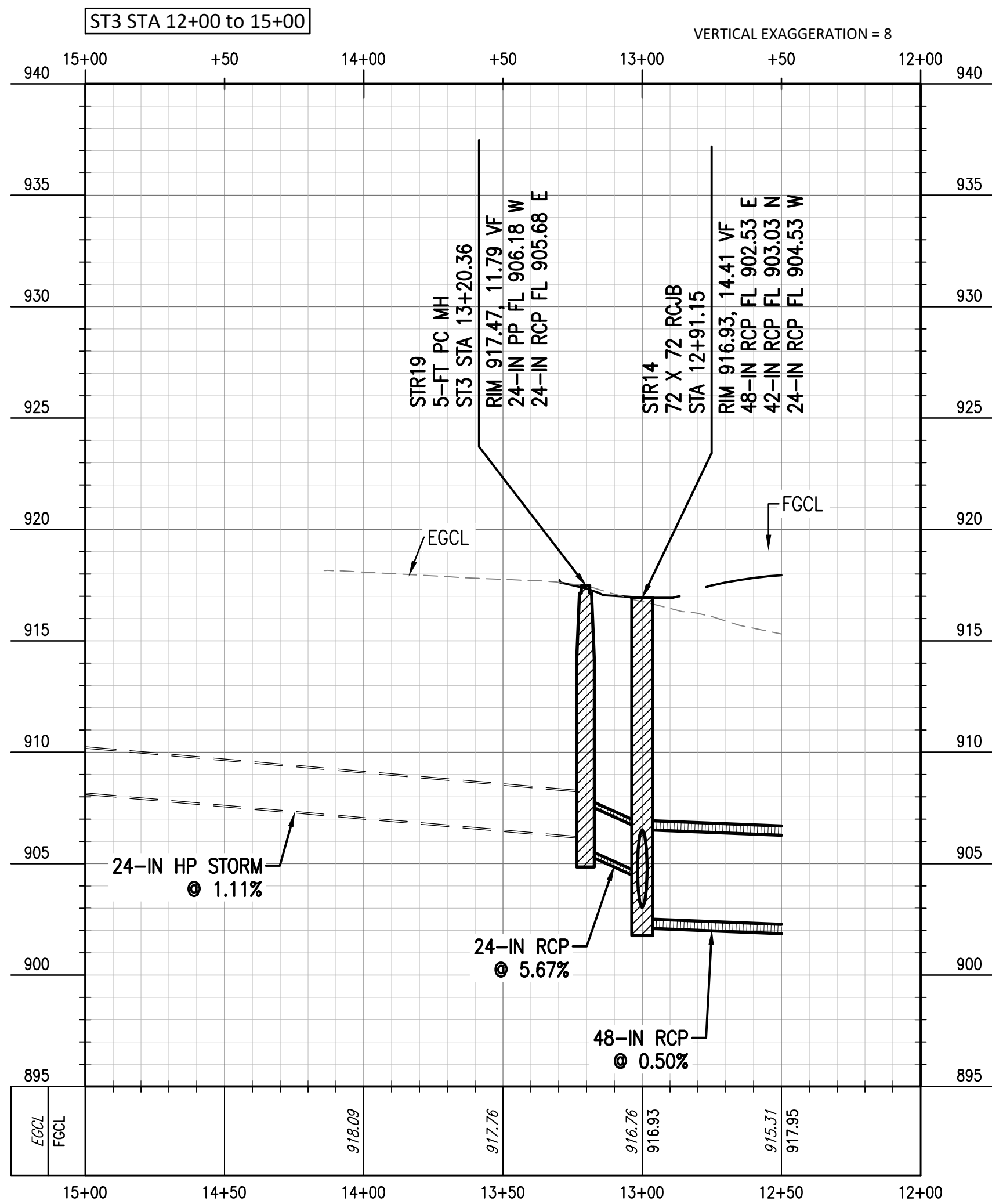
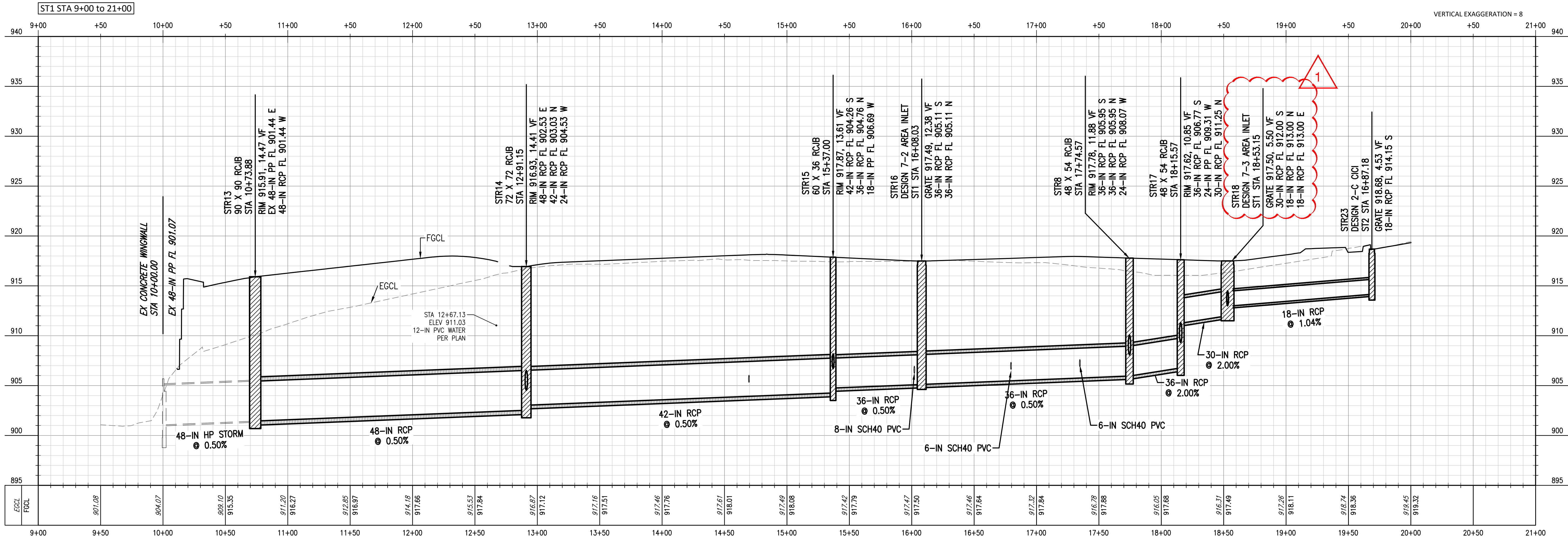
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DATE: 10-21-2022
SHEET NUMBER:

C6-103

SHEET TITLE:
ROOF DRAIN PLAN

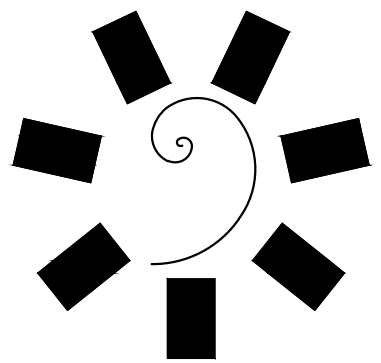
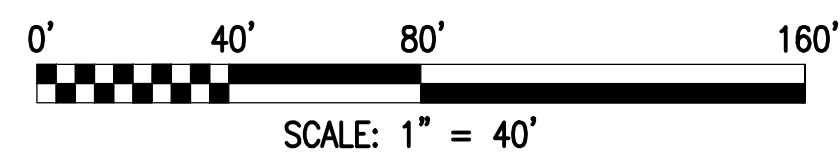


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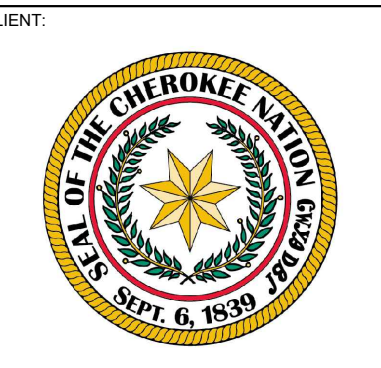
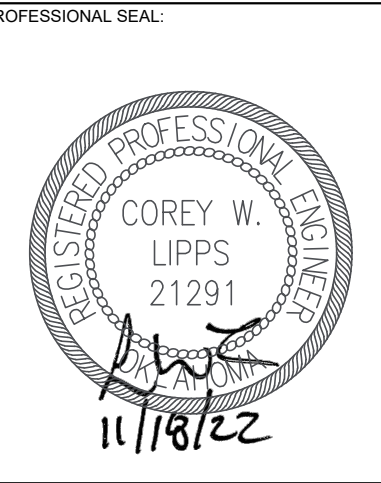


STORM DRAIN CONSTRUCTION NOTES

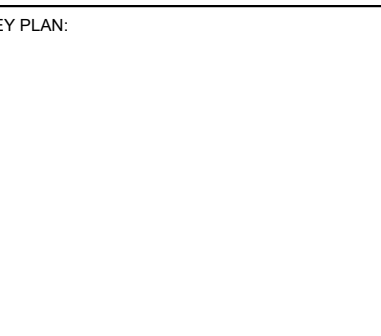
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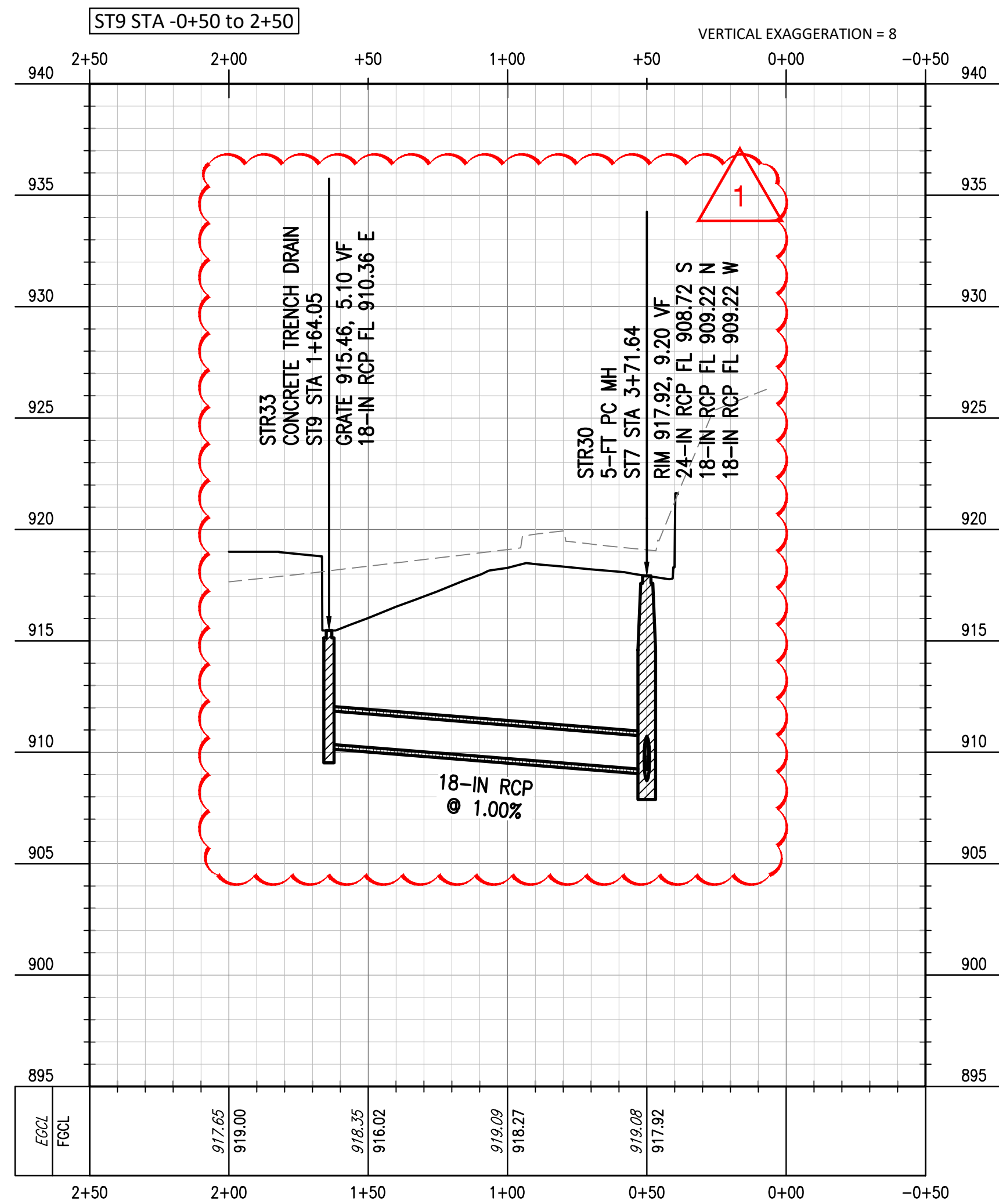
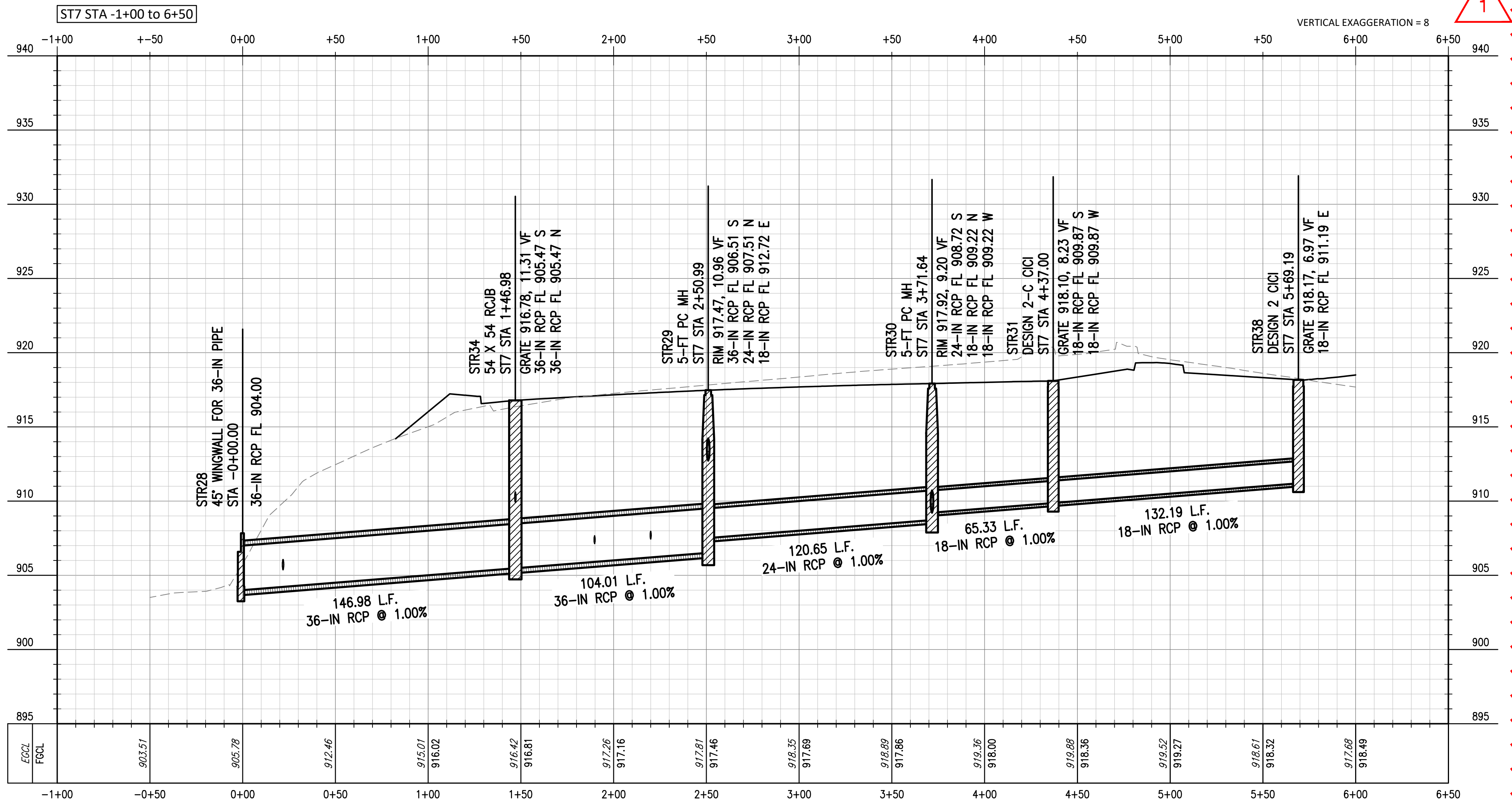
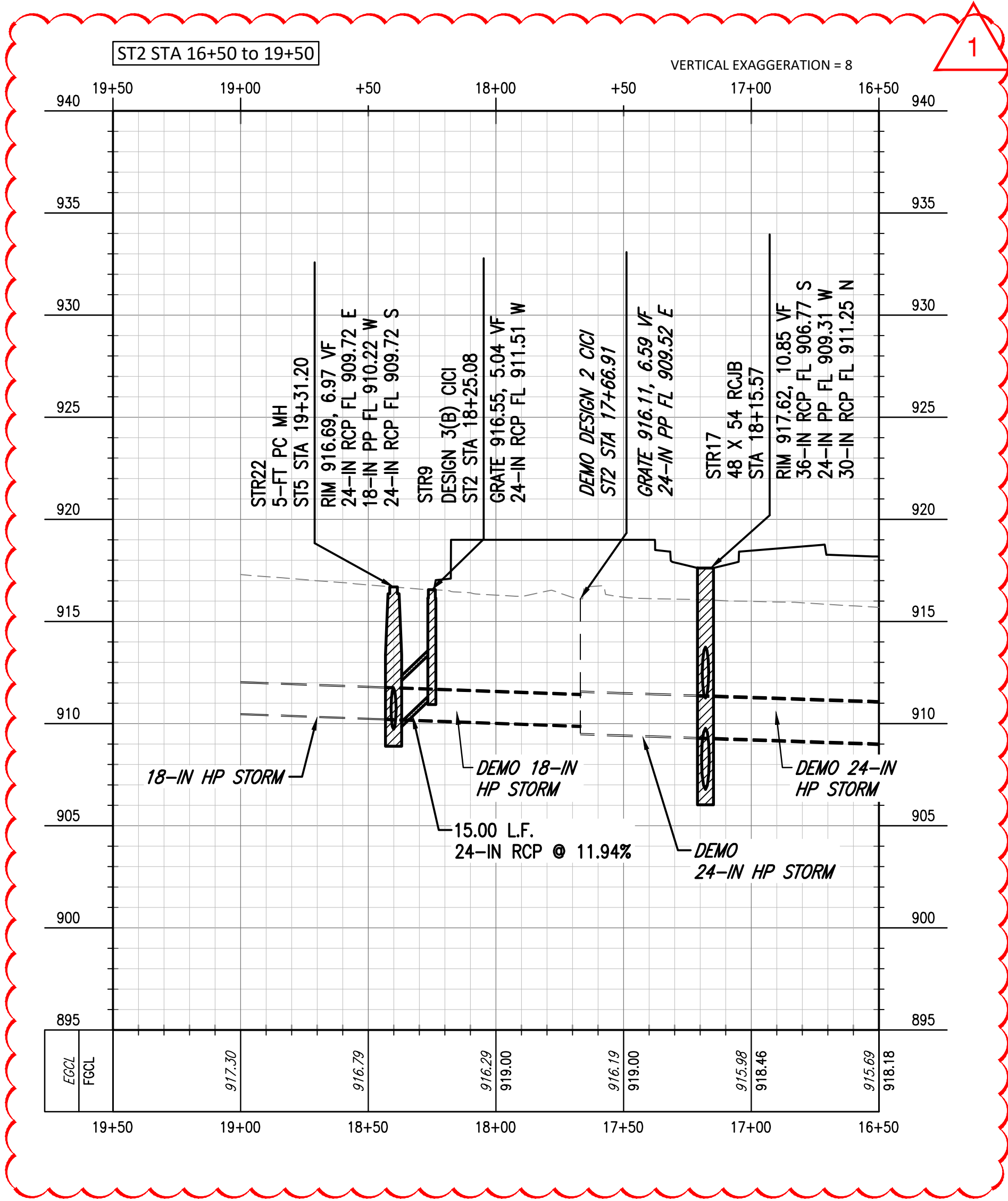
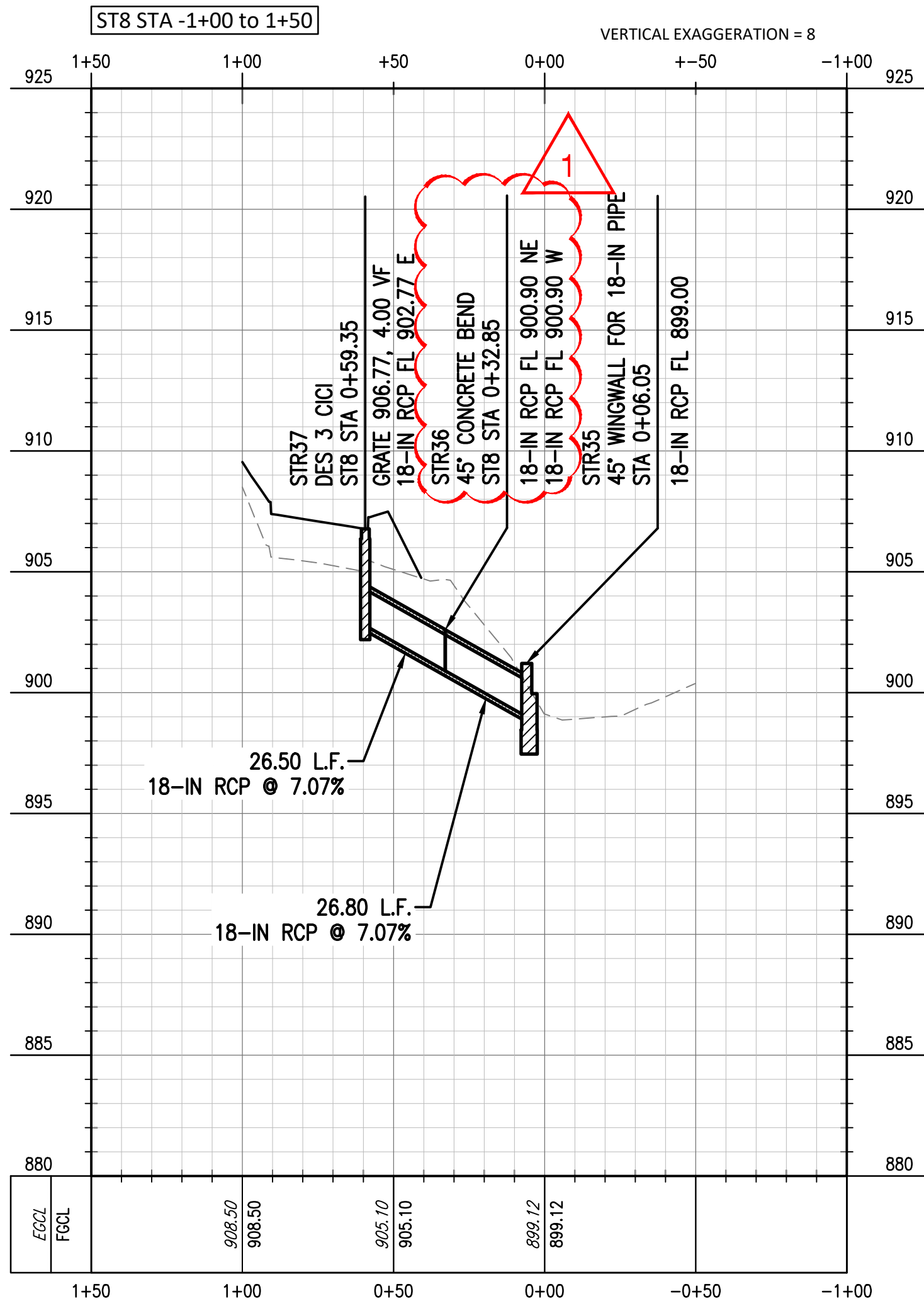
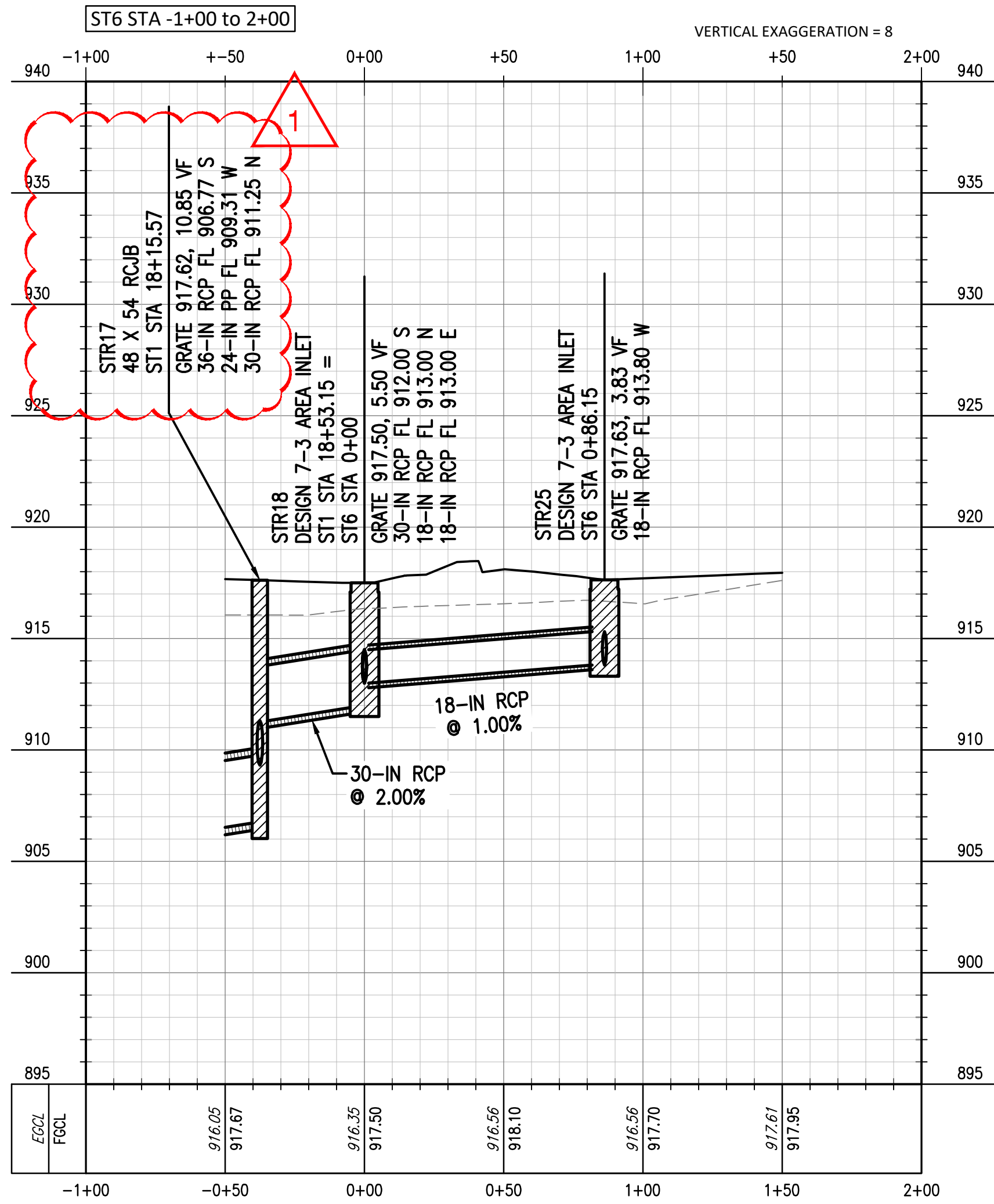
CHEROKEE NATION W.W. HASTINGS REPLACEMENT HOSPITAL TAHLEQUAH, OKLAHOMA



PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

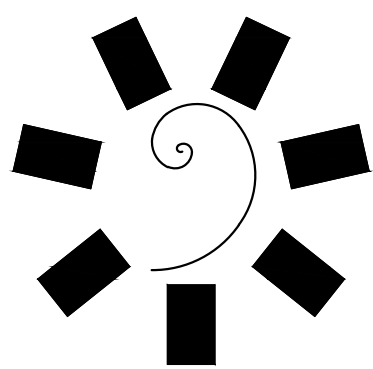
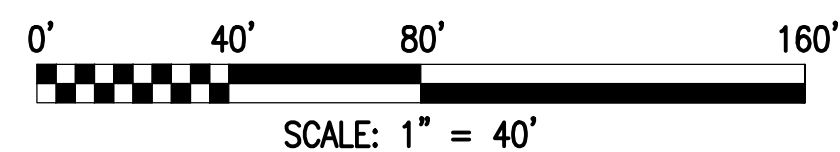
NO.	DATE	REVISIONS	
		BY	APP'D
1	11/18/22		

JOB NUMBER:	21-08.21
DATE:	10-21-2022
SHEET NUMBER:	C6-203
SHEET TITLE:	STORM DRAIN PROFILES

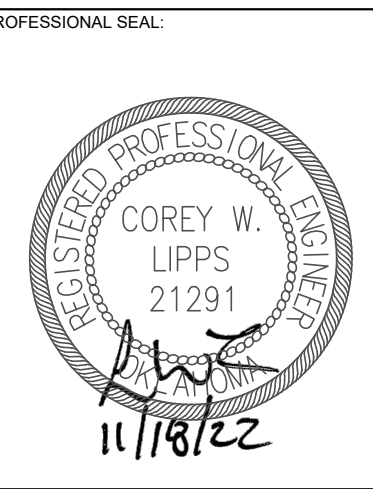


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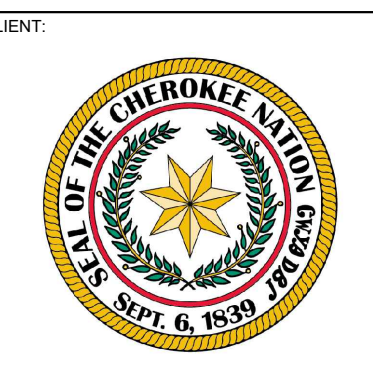


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TAHLEQUAH, OKLAHOMA

KEY PLAN

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

1	11/18/22	REVISIONS	ADDENDUM 02

JOB NUMBER: 21-08.21

DATE: 10-21-2022

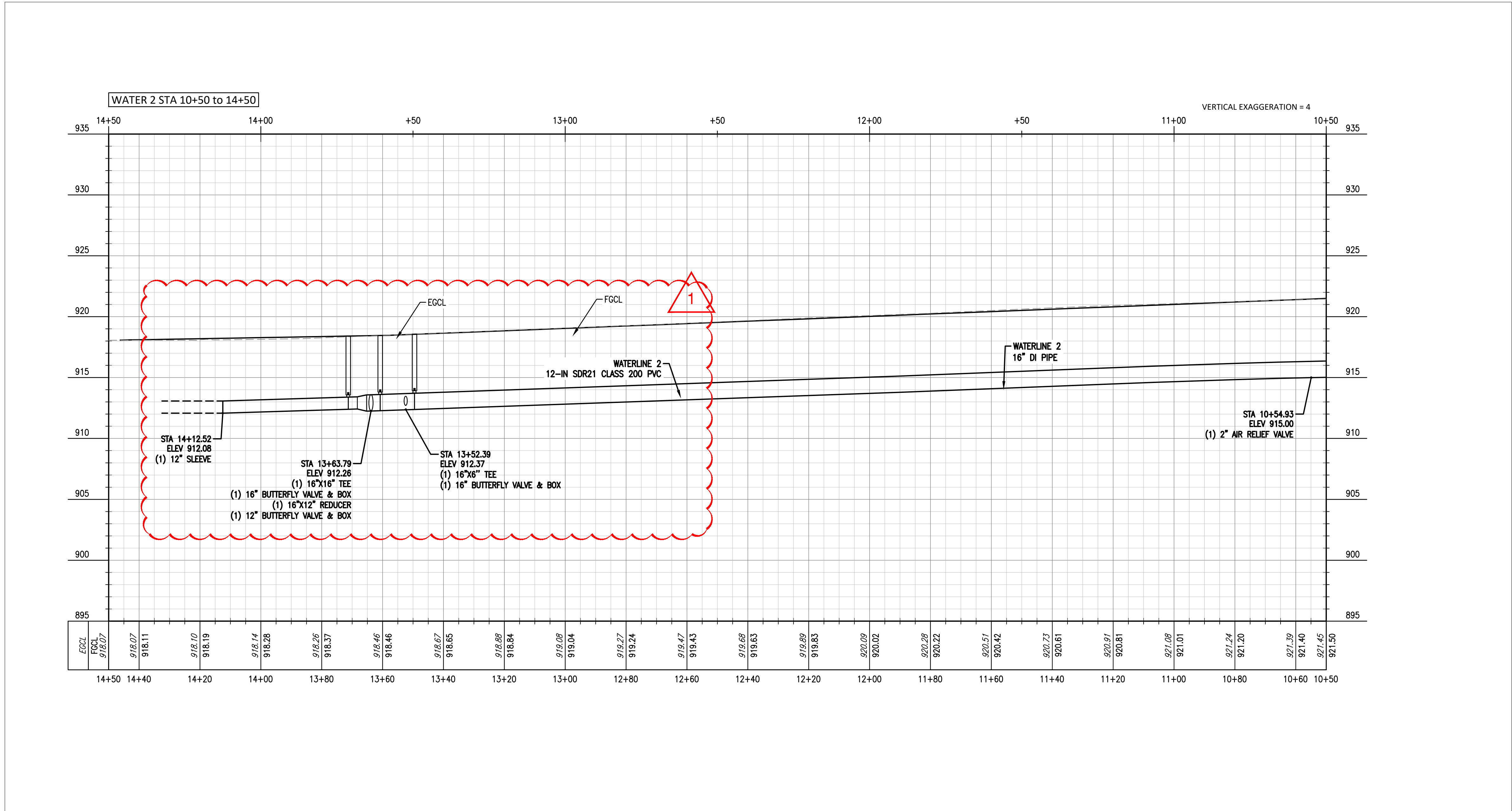
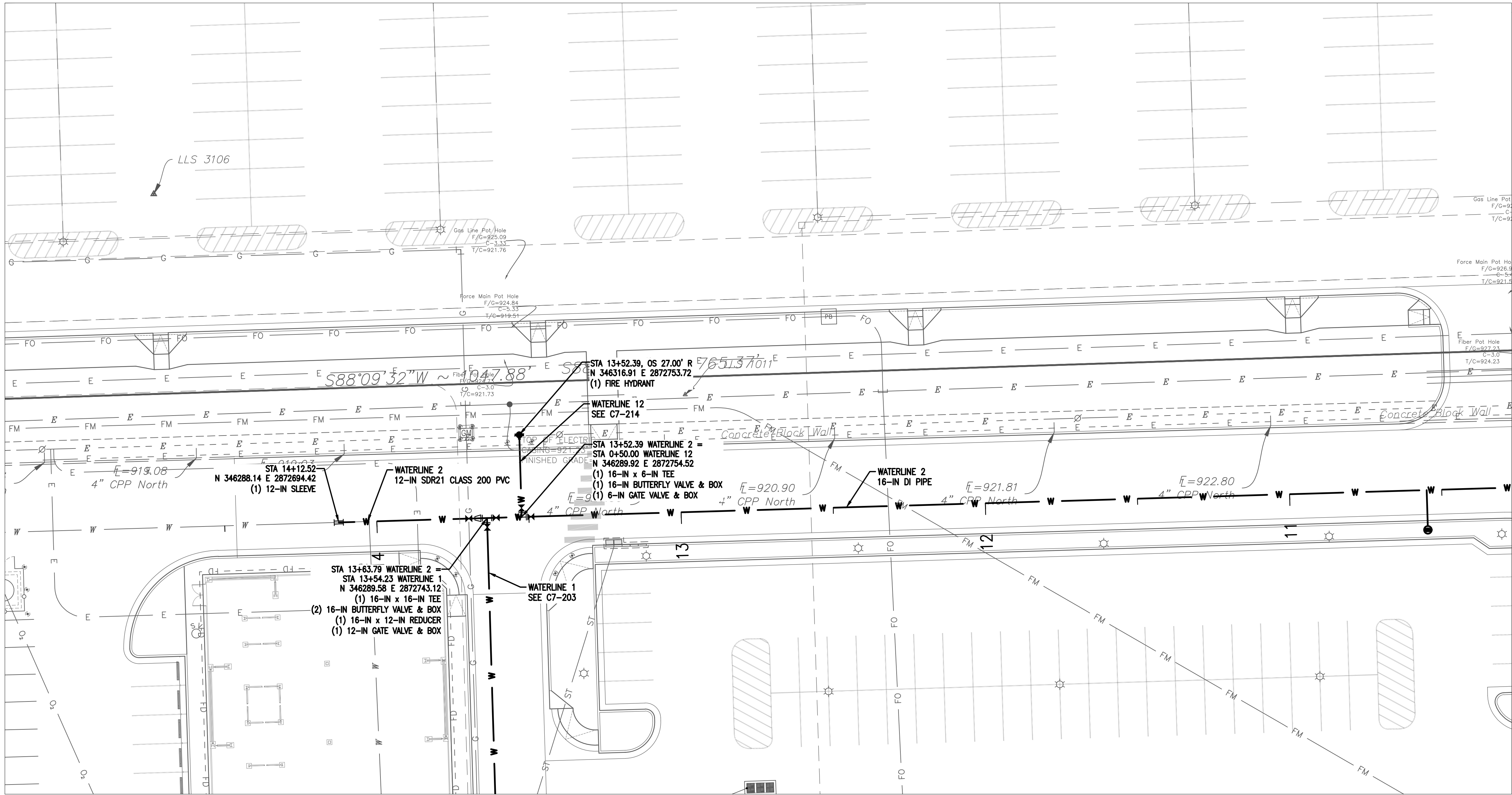
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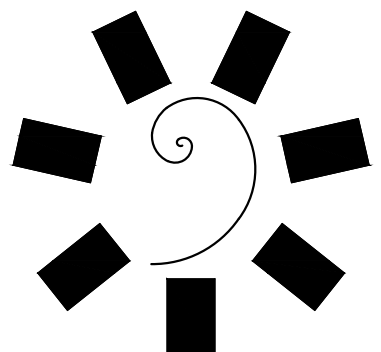
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STORM DRAIN PROFILES

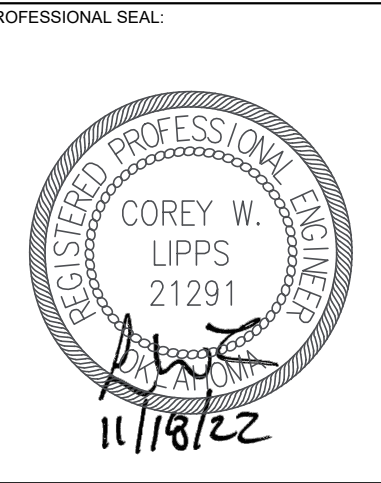
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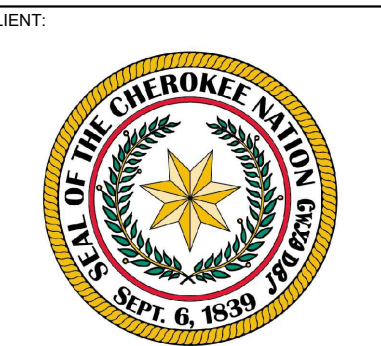
NOTES:
1. BELL RESTRAINTS SHALL BE USED WITHIN 40' IN ALL DIRECTIONS OF MECHANICAL JOINTS.



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CLIENT:
CHEROKEE NATION
W.W. HASTINGS REPLACEMENT HOSPITAL
TAHLEQUAH, OKLAHOMA

KEY PLAN:

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

1	11/18/22	REVISIONS	ADDENDUM 02

JOB NUMBER:
21-08.21
DATE:
10-21-2022

SHEET NUMBER:
C7-207

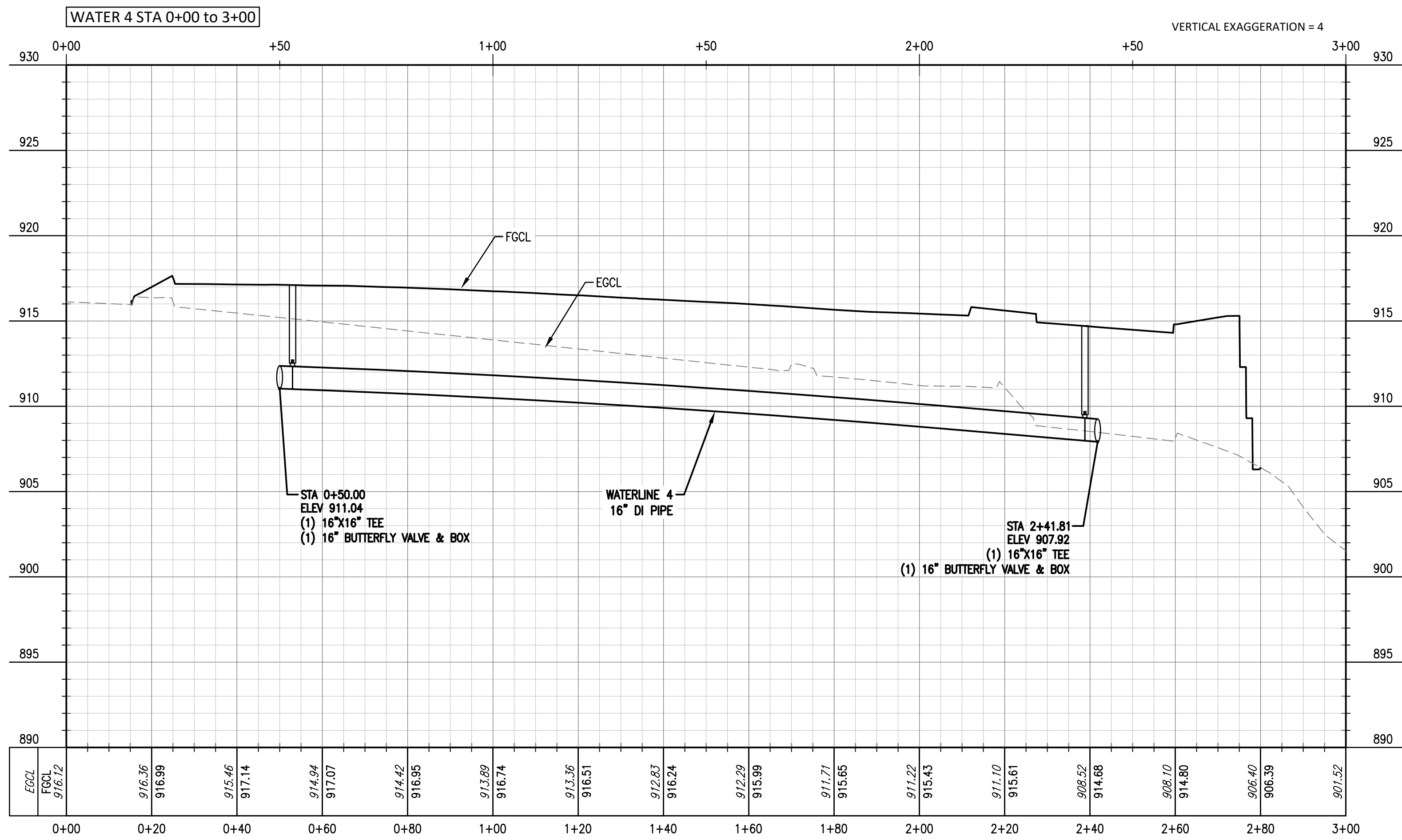
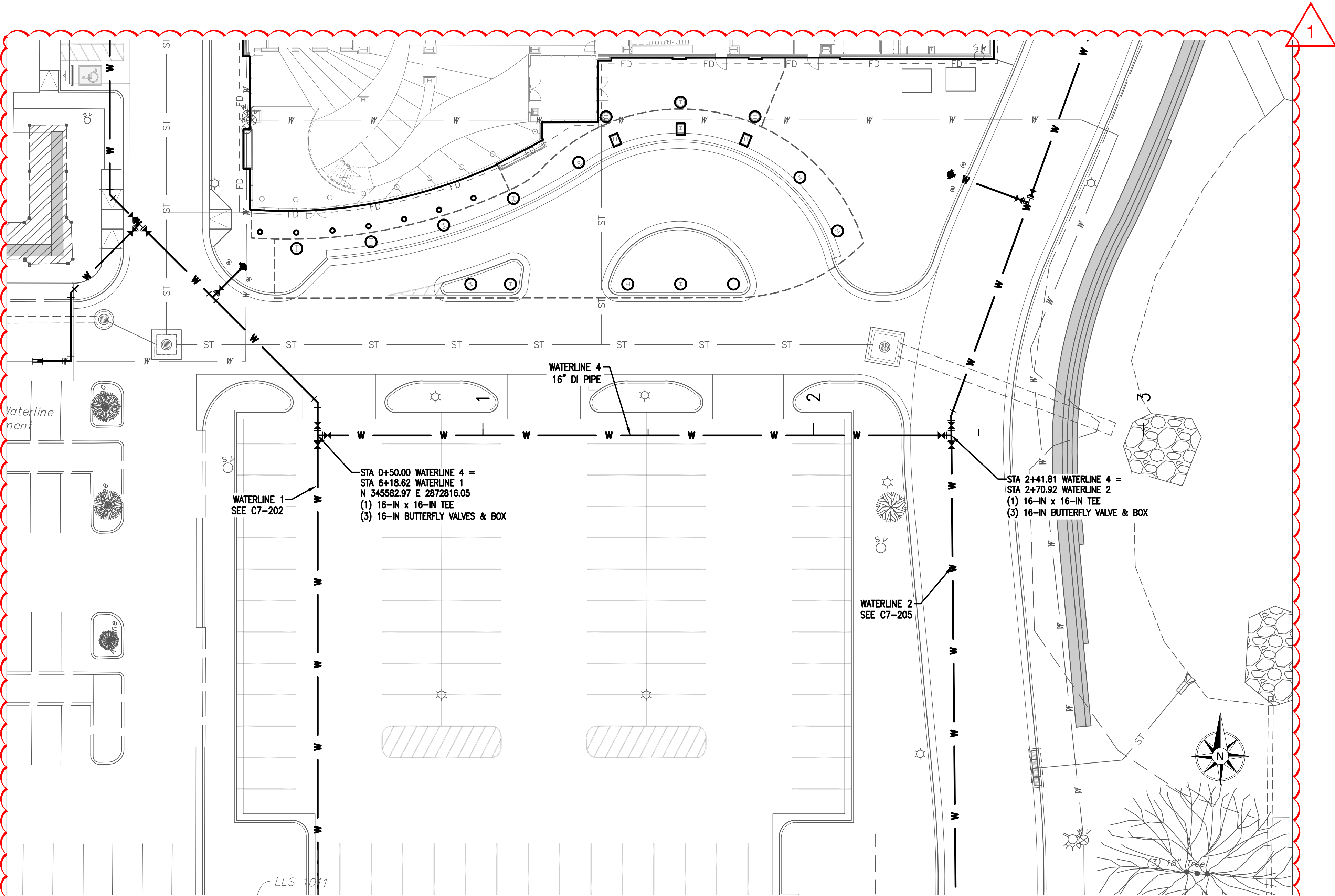
SHEET TITLE:
WATER 2 PLAN AND
PROFILE



UTILITY WARNING:
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11/18/2022 A:\2021\5123.21\03_DSGN01_DWG\050_CIVIL\07-WATR-5123.DWG

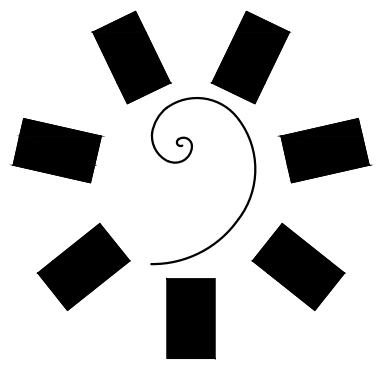


NOTES:
1. BELL RESTRAINTS SHALL BE USED WITHIN 40' IN ALL DIRECTIONS OF MECHANICAL JOINTS.

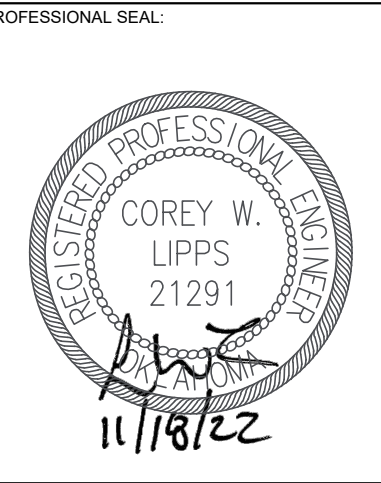


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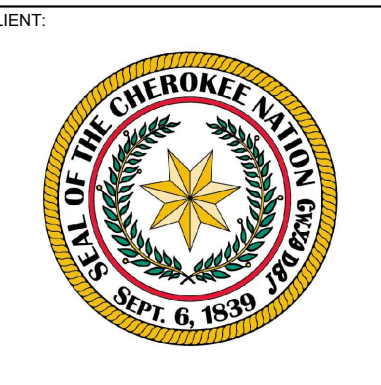


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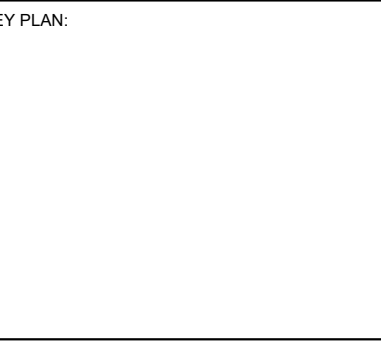


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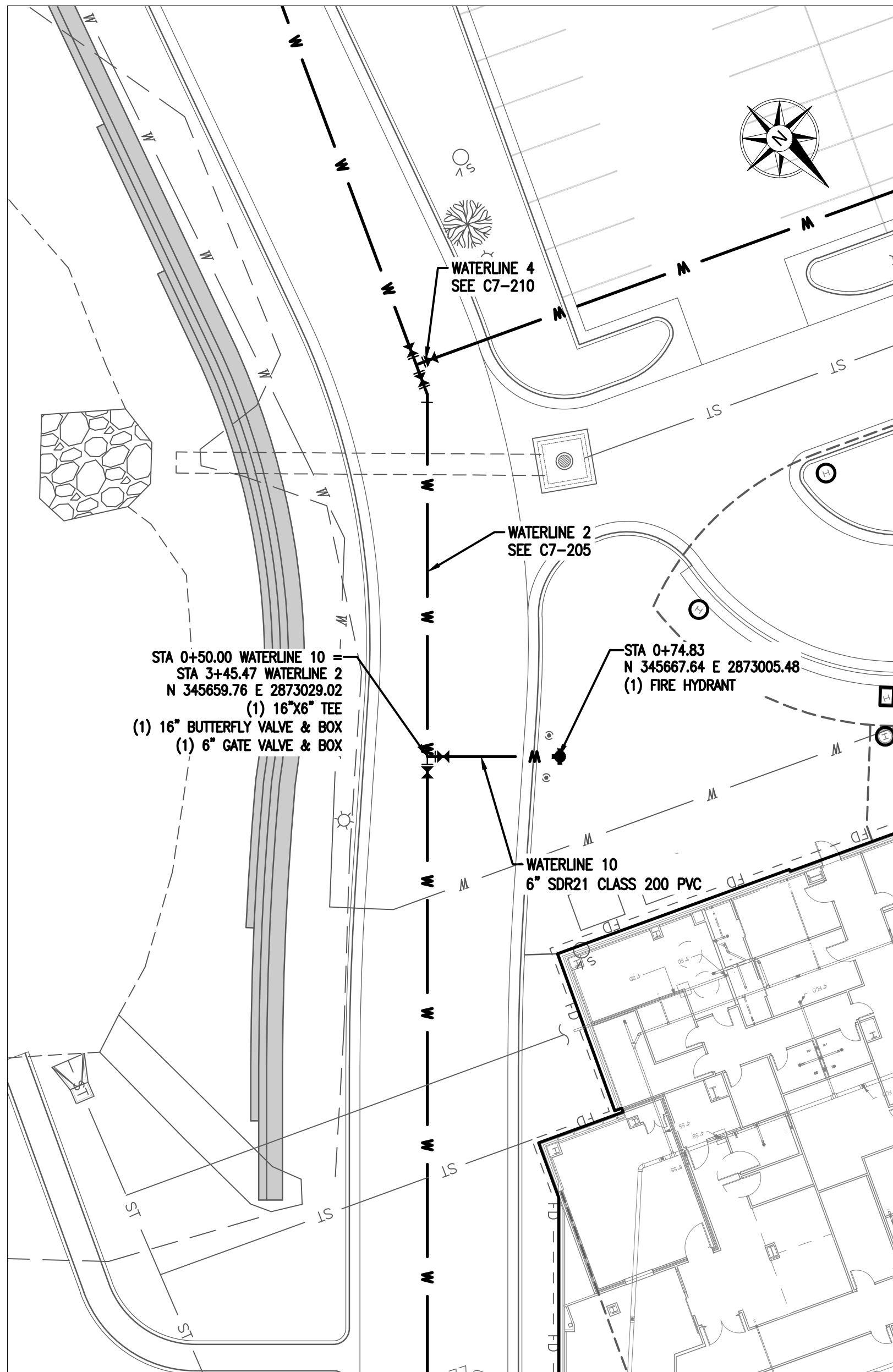
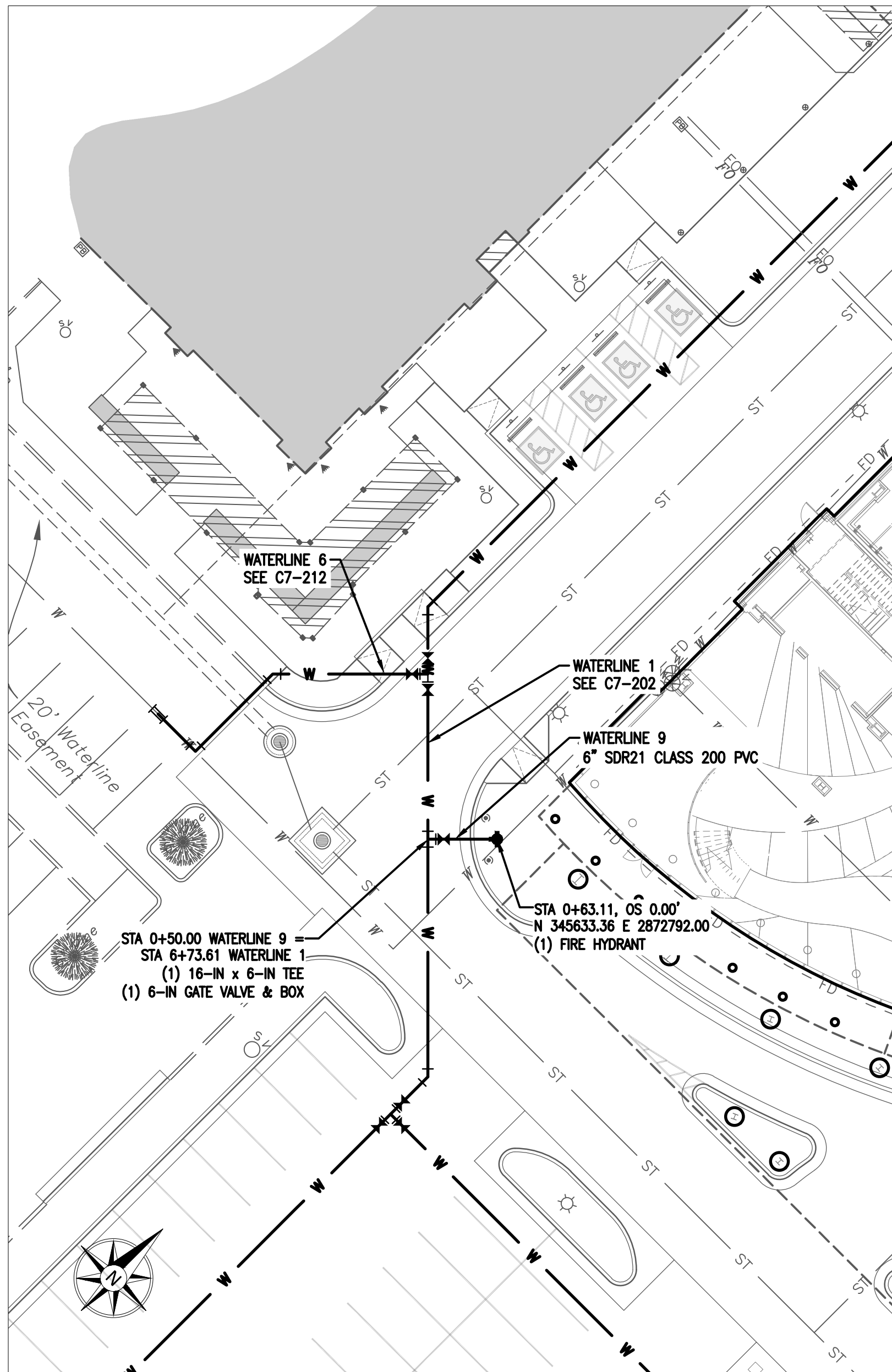
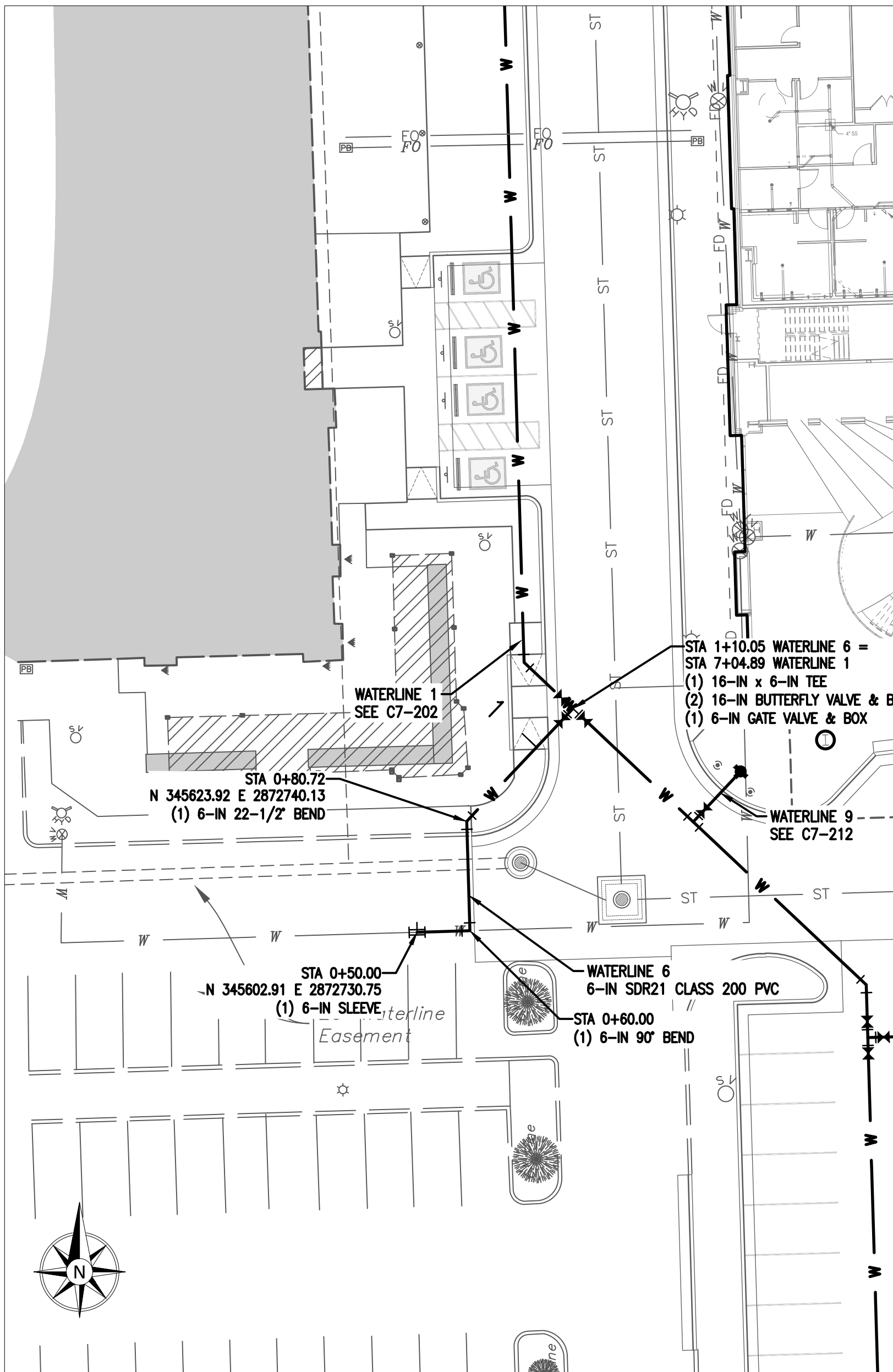


PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

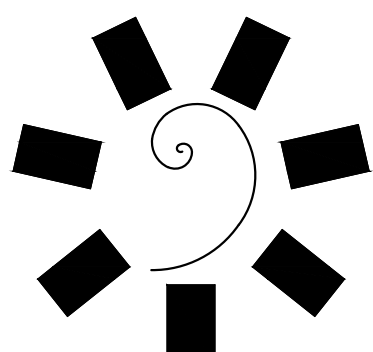
1	11/18/22	REVISIONS	
		DESCRIPTION	DATE

JOB NUMBER: 21-08.21
DATE: 10-21-2022
SHEET NUMBER: **C7-210**
SHEET TITLE: **WATER 4 PLAN AND PROFILE**

11/18/2022 A:\2021\512321\03_DSGN01_DWG\050_CIVIL\07-WATR-5123.DWG



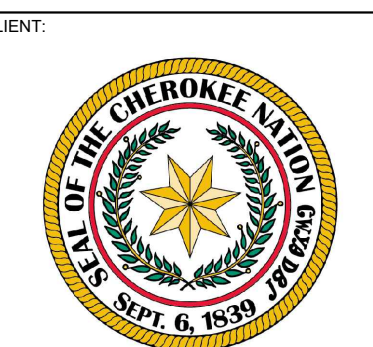
NOTES:
1. BELL RESTRAINTS SHALL BE USED WITHIN 40' IN ALL DIRECTIONS OF MECHANICAL JOINTS.



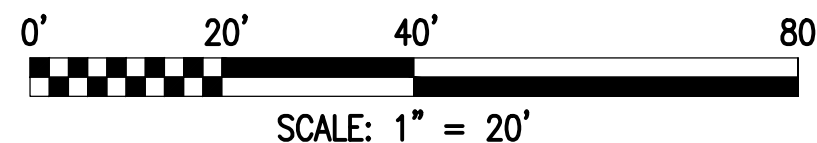
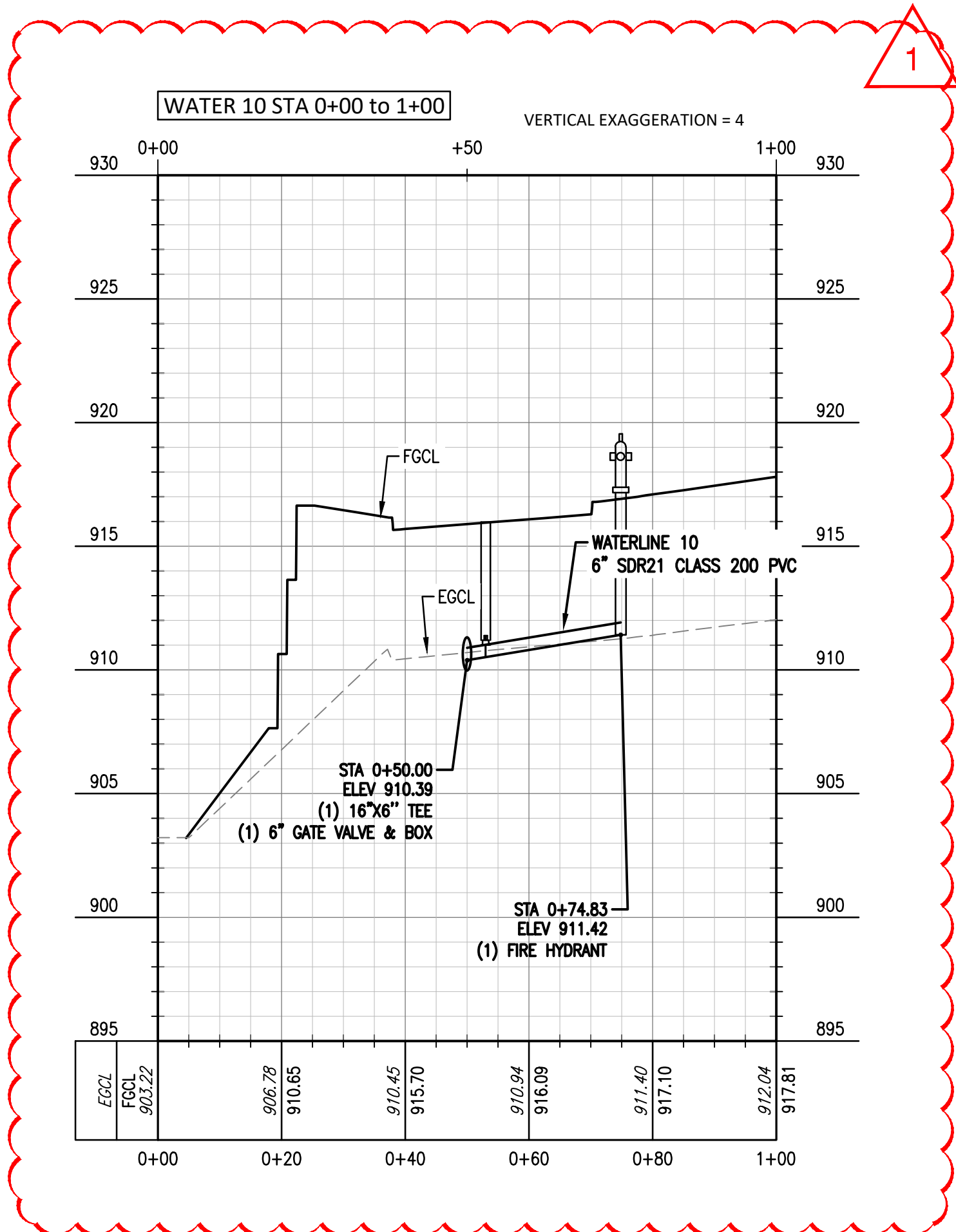
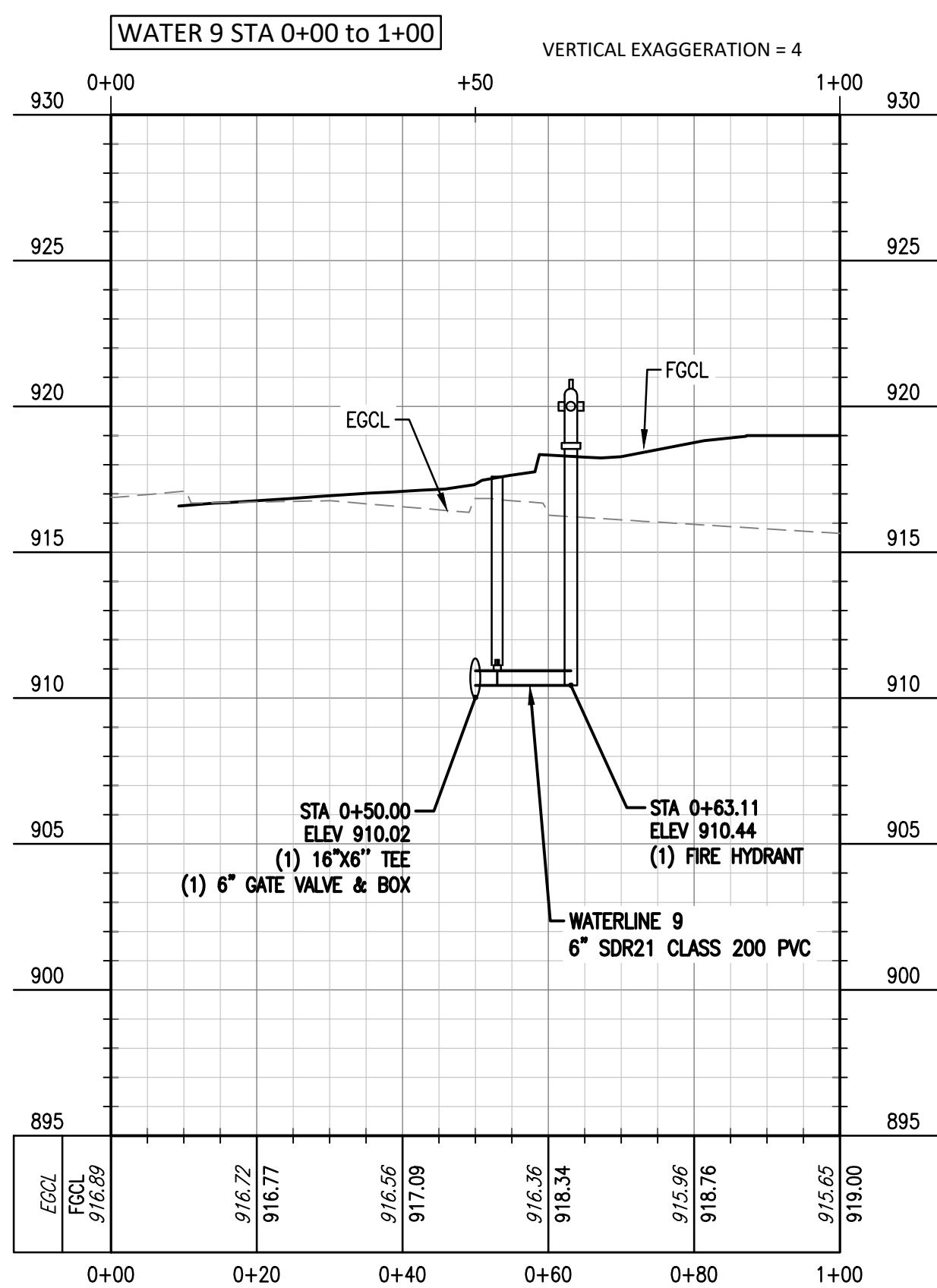
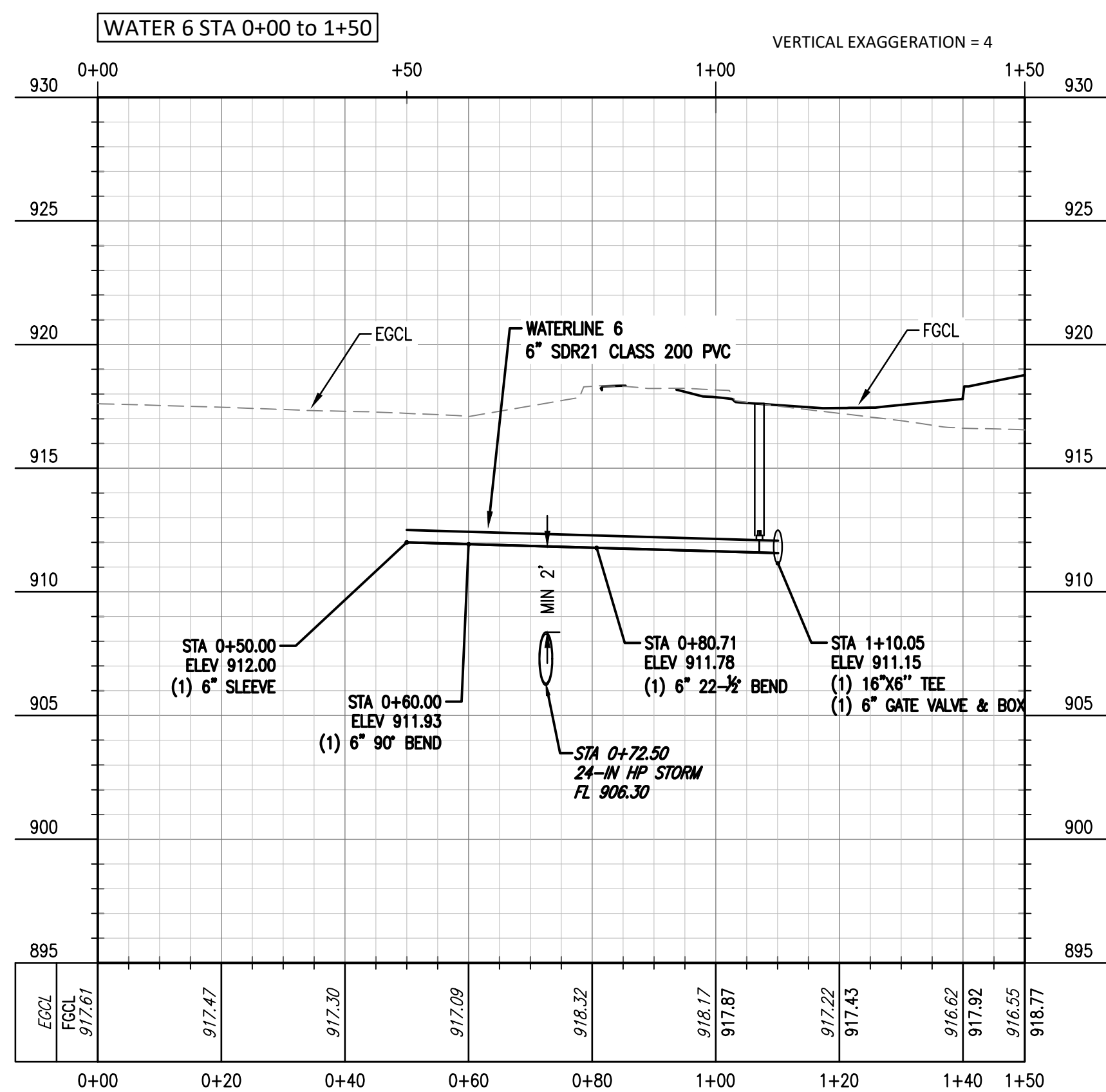
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KEY PLAN

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

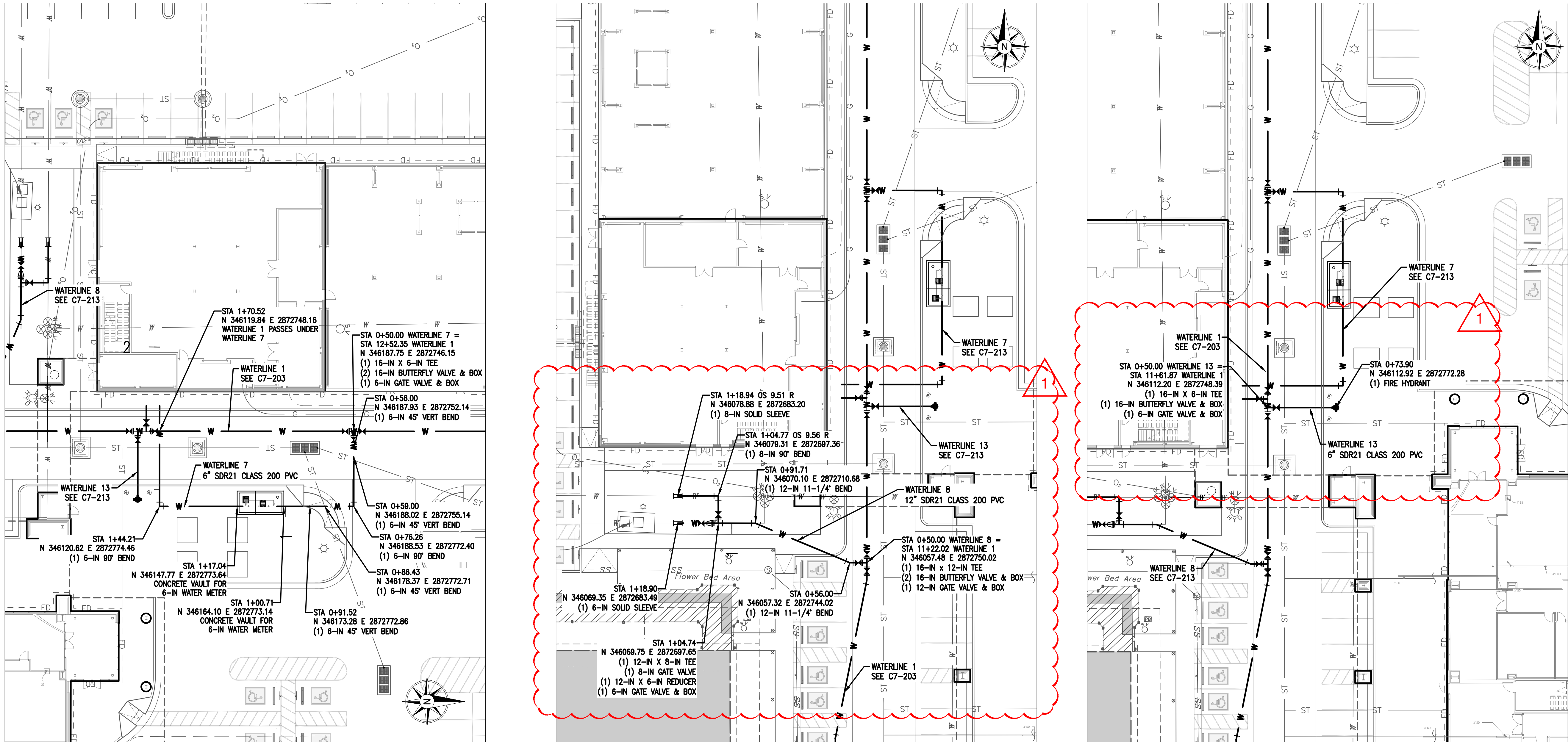
1	11/18/22	REVISIONS
		ADDENDUM 02

JOB NUMBER: 21-08.21
DATE: 10-21-2022

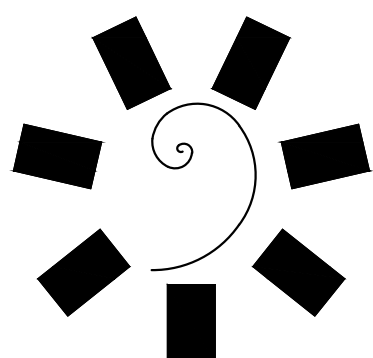
SHEET NUMBER:
C7-212

SHEET TITLE:
WATER 6, 9, AND 10 PLAN AND PROFILE

11/18/2022 A:\2021\512321\03_DSGN01_DWG\050_CIVIL\07-WATR-5123.DWG



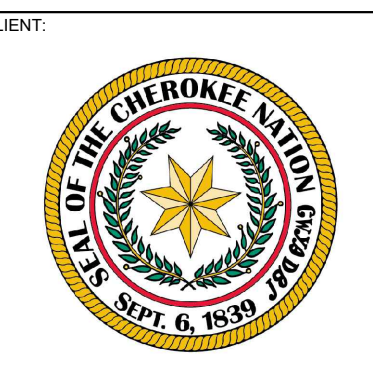
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KEY PLAN

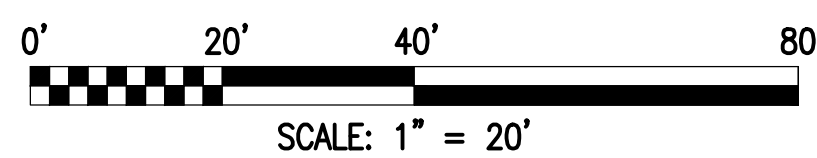
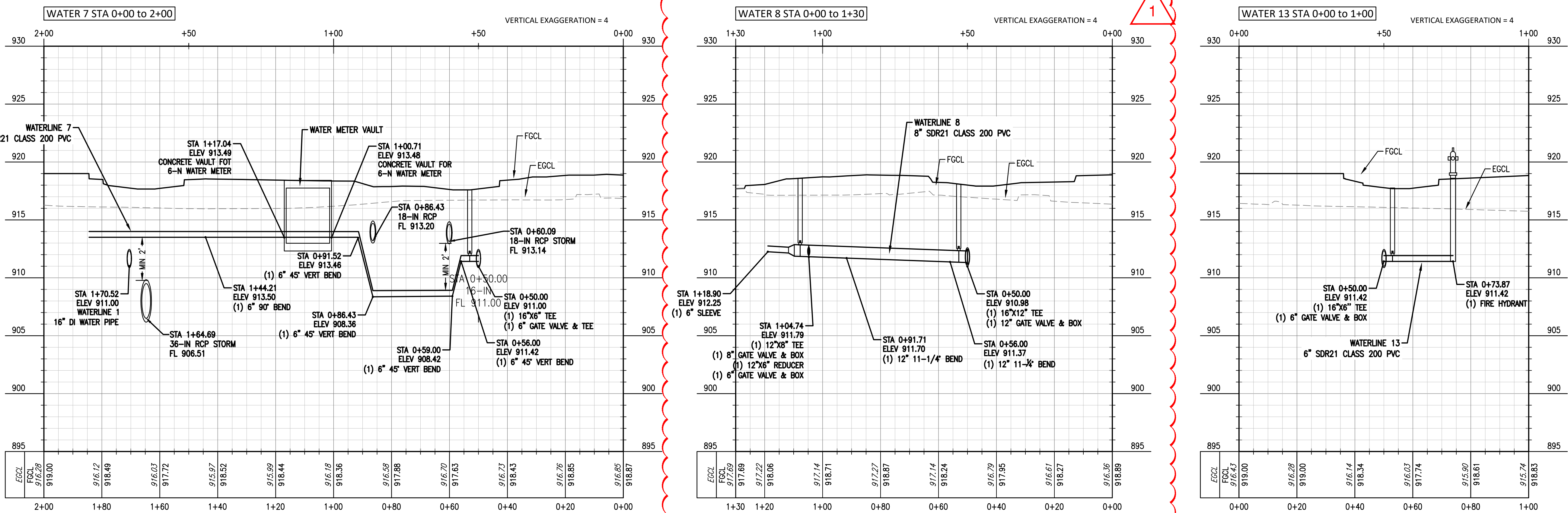
PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

NO.	DATE	REVISIONS	
		DESCRIPTION	BY
1	11/18/22	ADDENDUM 02	

JOB NUMBER: 21-08.21
DATE: 10-21-2022

SHEET TITLE:
C7-213

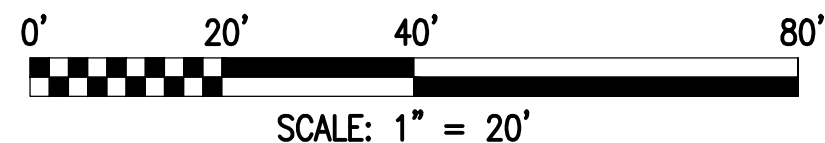
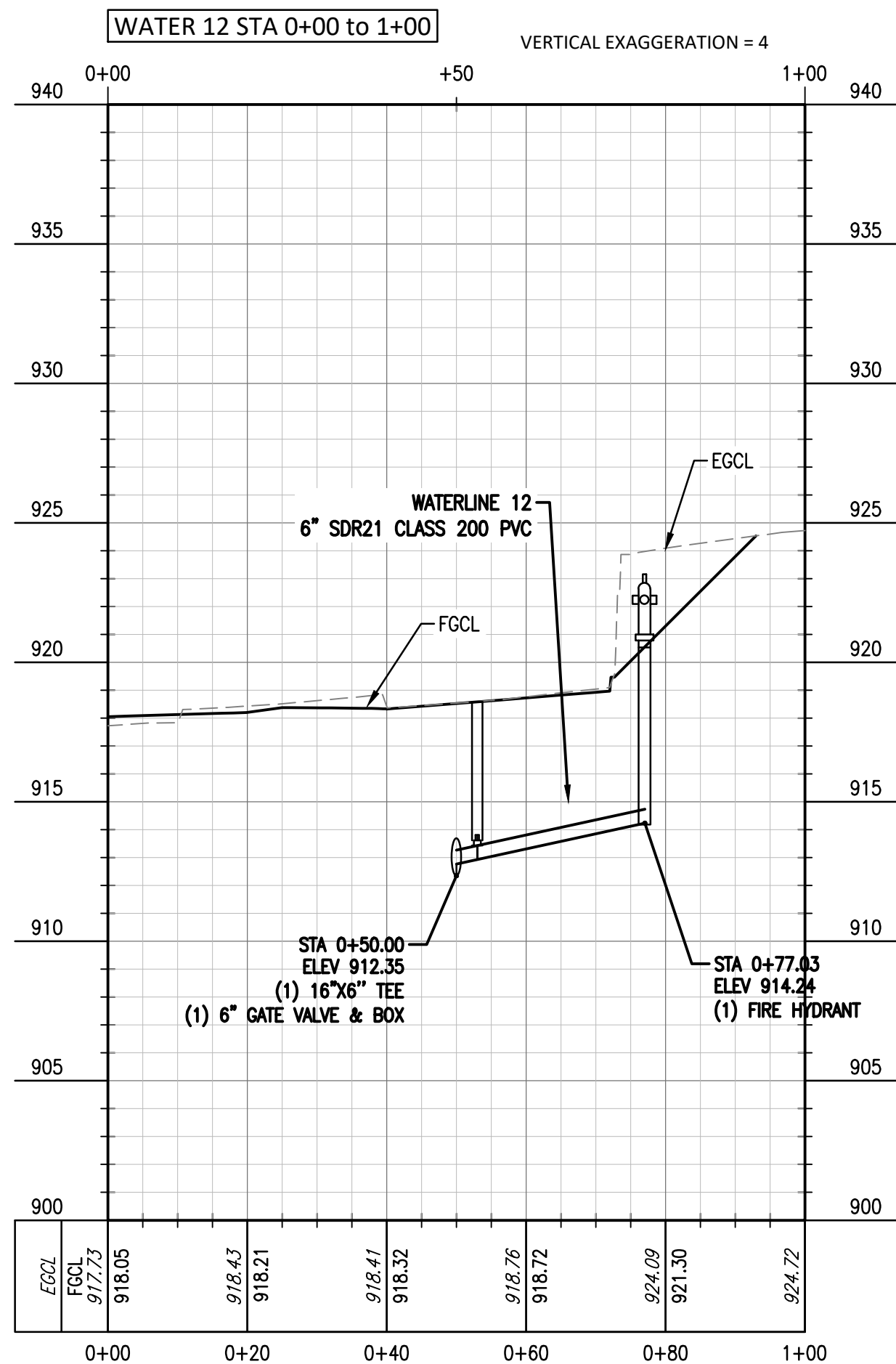
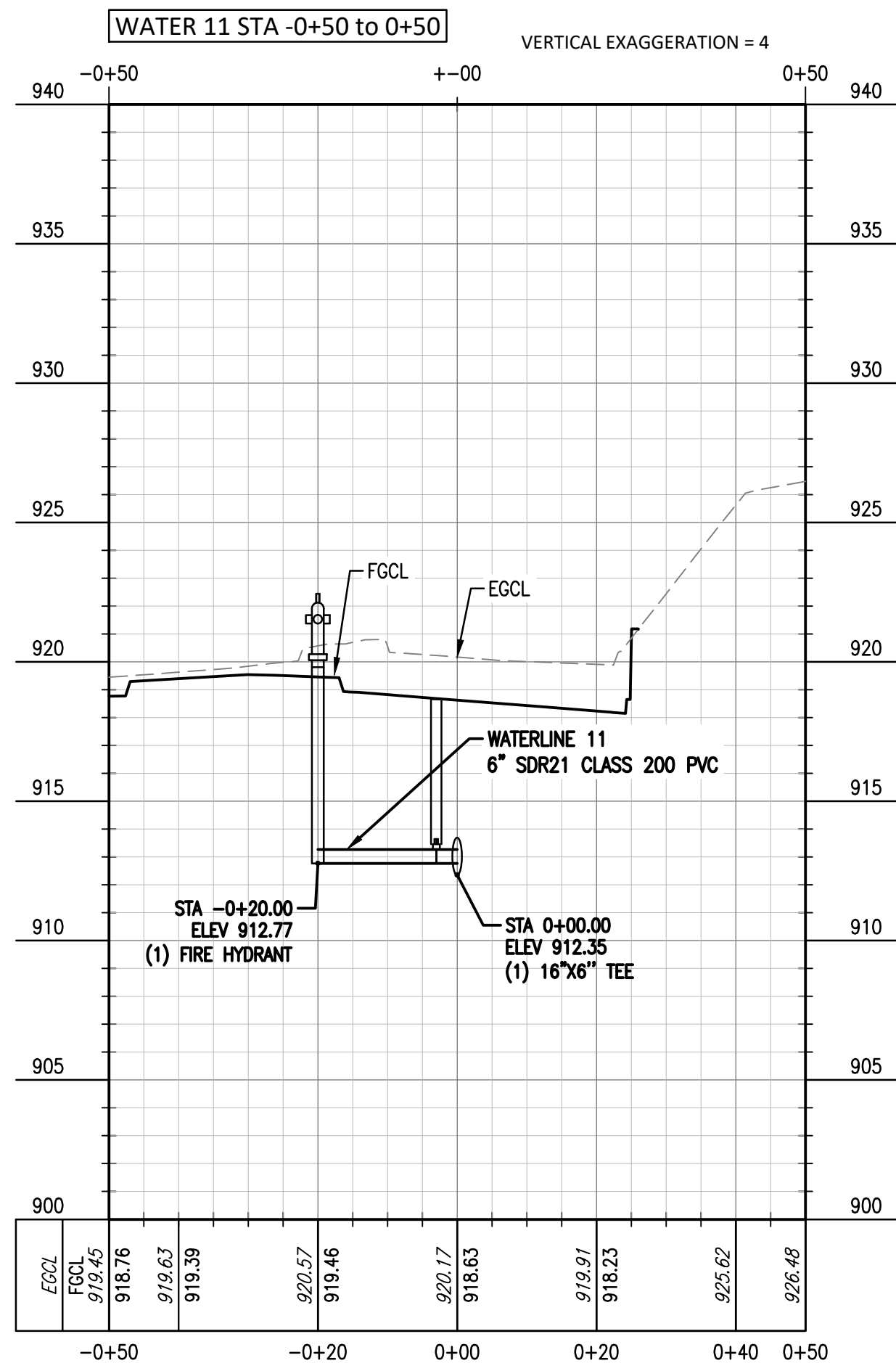
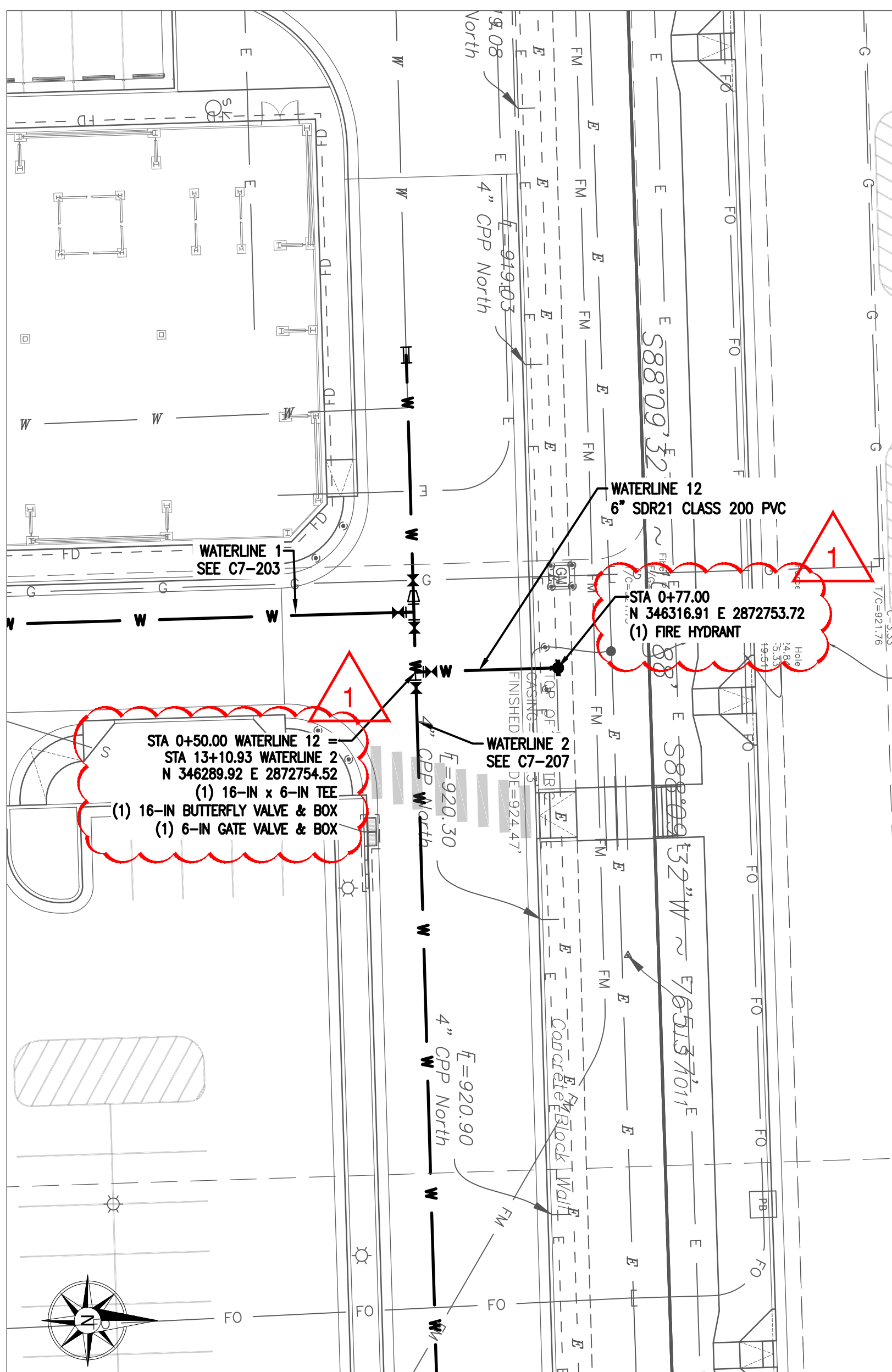
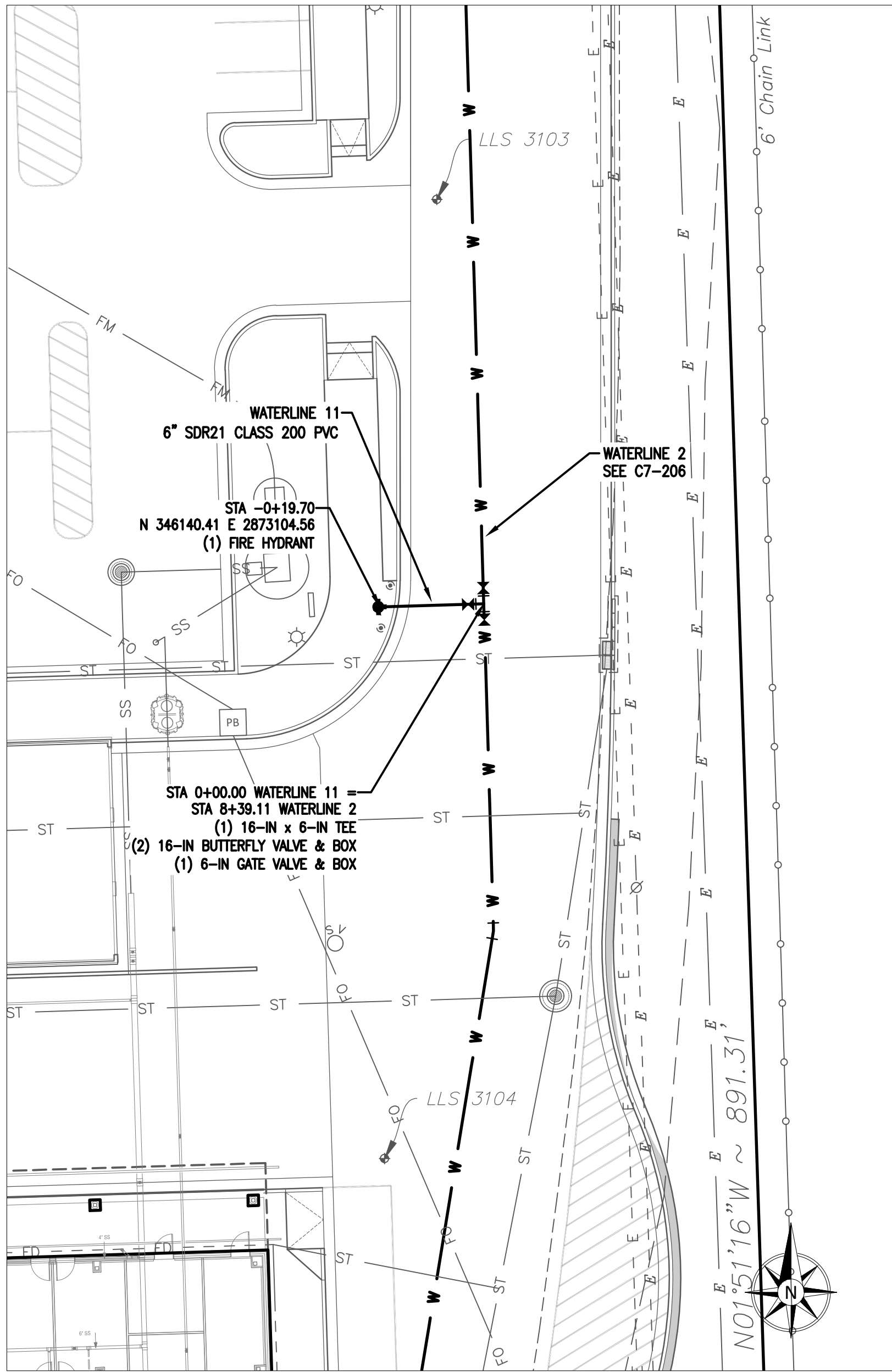
WATER 7, 8, AND 13 PLAN
AND PROFILE



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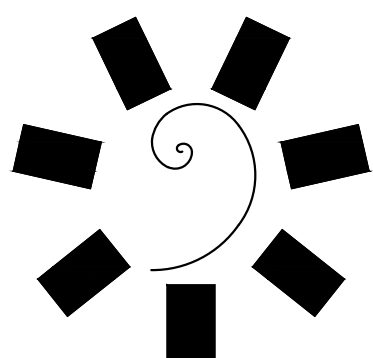
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TAHLEQUAH, OKLAHOMA

KEY PLAN

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

NO.	DATE	REVISIONS	
		DESCRIPTION	BY
1	11/18/22	ADDENDUM 02	

JOB NUMBER: 21-08.21
DATE: 10-21-2022
SHEET NUMBER:

C7-214

SHEET TITLE:
**WATER 11 AND 12 PLAN
AND PROFILE**