UTILITIES PROVIDING SERVICE:

WATER AND SEWER

LEE COUNTY UTILITIES 1500 MONROE ST FORT MYERS, FLORIDA 33901 PHONE: (239) 533-8181

WATER AND SEWER:

CITY OF FORT MYERS UTILITIES 2925 DR. MARTIN LUTHER KING, JR. BOULEVARD FORT MYERS, FLORIDA 33916 PHONE: (239) 321—8100

TELEPHONE

CENTURYLINK 1520 LEE STREET FORT MYERS, FLORIDA 33901 PHONE: (239) 336-2030

CABLE:

CENTURYLINK 1520 LEE STREET FORT MYERS, FLORIDA 33901 PHONE: (239) 336-2030

ELECTRIC

FLORIDA POWER & LIGHT COMPANY 15834 WINKLER ROAD FORT MYERS, FLORIDA 33908 PHONE: (239) 415–1326

GARBAGE COLLECTION:

WASTE PRO 13110 RICKENBACKER PARKWAY FORT MYERS, FLORIDA 33913 PHONE: (239) 337-0800 FAX: (239) 225-2758

FIRE CONTROL DISTRICT:

TICE FIRE DISTRICT 93511 WORKMEN WAY FORT MYERS, FLORIDA 33905 PHONE: (239) 694-2380

GAS

TECO PEOPLES GAS 5901 ENTERPRISE PKWY FORT MYERS, FLORIDA 33905 PHONE: (877) 832-6747

Sheet List	t Table
Sheet Title	Sheet Number
Cover	01
Notes & Legends	02
Key Map	03
Plan & Pr	ofile
Sta 0+00 to 5+00	04
Sta 5+00 to 10+00	05
Sta 10+00 to 15+00	06
Sta 14+00 to 19+50	07
Sta 19+50 to 25+00	80
Sta 25+00 to 30+50	09
Sta 30+50 to 36+00	10
Sta 36+00 to 41+50	11
Utility De	tails
1 of 3 (General)	D-01
2 of 3 (Water)	D-02
3 of 3 (Sewer)	D-03

CONSTRUCTION PLANS UTILITY MAIN IMPROVEMENTS ALONG ACCESS DRIVE TO MATERIAL RECOVERY FACILITY

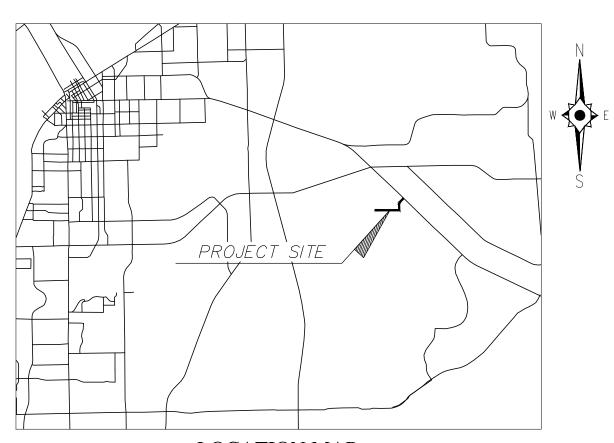
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LEE COUNTY UTILITIES

LOCATED IN
SECTION 36; TOWNSHIP 44 SOUTH; RANGE 25 EAST

LEE COUNTY, FLORIDA

MARCH 31, 2025



LOCATION MAP

For Information Regarding This Project, Contact: DAVID BRICE TROUTEAUD, PE DAVID BRICE TROUTEAUD, PE FL License No. 69783

JOHNSON ENGINEERING

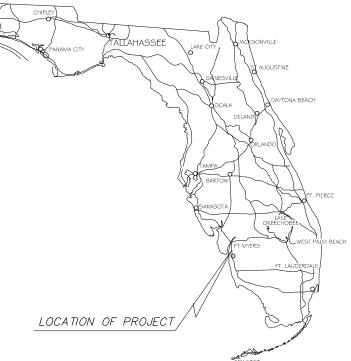
DESIGN CONSULTANT

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E.B. #642 & L.B. #642

ENGINEERING
— An Apex Company —

JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT WEERS, FLORIDA 33902-1550

PHONE: (239) 334-0046 E.R. #642 & L.B. #642





Utility Main Improvements Along Access Drive to Material Recovery Facility Lee County, Florida



PROJECT NO. 20236121-000
FILE NO. 36-44-25
SCALE: AS SHOWN

Construction Plans Cover

SHEET NUMBER

01

	AB	BREVIATIONS
	AC ALT APPROX.	ACRE ALTERNATE APPROXIMATE
	ASB BM	ASBESTOS BENCH MARK
	BLDG BOT	BUILDING BOTTOM
	CB CF CFM	CATCH BASIN CUBIC FEET CUBIC FEET PER MINUTE
	CI CIP	CAST IRON CAST IRON PIPE
	CJ CMP CO	CONSTRUCTION JOINT CORRUGATED METAL PIPE CLEANOUT
	CV CF	CHECK VALVE
	CY £ CLKG	CUBIC YARD CENTER LINE CAULKING
	CLF COL	CHAIN LINK CENCE
	CONC CONST CONT	COLUMN, COLOR CONCRETE CONSTRUCTION CONTINUOUS
	CONTR CTRS	CONTRACTOR CENTERS
	CU CU. IN. DIA., Ø DIAG	COPPER CUBIC INCH DIAMETER
	DIAG DIM DIST.	DIAGONAL
	DIP DE	DISTANCE DUCTILE IRON PIPE DRAINAGE EASEMENT
	DWG E	DRAWING EAST
	EL/ELEV EQUIP ERCP	ELEVATION EQUIPMENT ELLIPTICAL REINFORCED CONCRETE PIPE
	ESMT EX FF	ELLIPTICAL REINFORCED CONCRETE PIPE EASEMENT EXISTING
	FFE FM	FINISHED FLOOR FINISHED FLOOR ELEVATION FORCE MAIN
	FDC FDN FIN	FIRE DEPARTMENT CONNECTION FOUNDATION FINISH
	FRP FT	FIBERGLASS REINFORCED PLASTIC
	G GC GI	NATURAL GAS GENERAL CONTRACTOR GALVANIZED IRON
	GPM GV	GALLONS PER MINUTE GATE VALVE
	GA GAL GALV	GAUGE GALLON GALVANIZED
	GR HDPE HOR	GRADE HIGH DENSITY POLYETHYLENE HORIZONTAL
	HYD ID	HYDRANT INSIDE DIAMETER INVERT
	INV IRR LAE	INVERT IRRIGATION LAKE ACCESS EASEMENT LINEAL FEET
	LF LME LMT	LINEAL FEET LAKE MAINTENANCE EASEMENT LAKE MAINTENANCE TRACT
	MGD MH	MILLION GALLONS PER DAY MANHOLE
	MJ MAX MECH	MECHANICAL JOINT MAXIMUM MECHANICAL
	MECH MES MFR MIN	MITERED END SECTION MANUFACTURER
	MISC N	MINIMUM MISCELLANEOUS NORTH
	NE NW NPW	NORTHEAST NORTHWEST NON POTABLE WATER NOT TO SCALE
	NTS NUM/#	NUMBER
	NOM NG OC	NOMINAL NATURAL GAS ON CENTERS
	OCEW OD PCF	ON CENTERS ON CENTER EACH WAY OUTSIDE DIAMETER POUNDS PER CUBIC FOOT
	PSF PV	PLUG VALVE
ε	PSI PVC POLY, PE.	POUNDS PER SQUARE INCH POLYVINYL CHLORIDE POLYETHYLENE
3:27pm	PAVT PC PGL	PAVEMENT POINT OF CURVATURE PROPOSED GRADE LINE
- 520	₹ PLBG	PROPERTY LINE PLUMBING
31, 20	PLWD PW PT	PLYWOOD POTABLE WATER POINT OF TANGENCY
o Mar	PUE PVI	PUBLIC UTILITY EASEMENT POINT OF VERTICAL INTERSECTION QUANTITY
Jel.Tise	QUAN R RD	RADIUS ROAD
Miche	RCP REQ'D ROW	REINFORCED CONCRETE PIPE REQUIRED RIGHT OF WAY REUSE LINE
spends	RU R/W	RIGHT OF WAY
s & L	S SE SW	SOUTH SOUTHEAST SOUTHWEST
(Note	SS SAN	SANITARY SEWER SANITARY
ver.dwg	SCH SECT SEW	SCHEDULE SECTION SEWER
00 Co	SH SPEC SQ	SHEET SPECIFICATION SQUARE
121-0	ST STA	STREET STATION
\20236	STL STD SUR	STEEL STANDARD SURFACE
awings	SYM TOE TOB	SYMMETRICAL TOE OF SLOPE TOP OF BANK
ties\Dr.	THK TEL	THICK TELEPHONE
O\Utilik	TEMP TRANS TYP	TEMPERATURE TRANSFORMER TYPICAL
21-00	UE VERT W	UTILITY EASEMENT VERTICAL
\text{\interpretation} \text{\lambda} \lambda	WM W/	WATER WATER MAIN WITH
2023\;	w∕o wo wt	WITHOUT WOOD WEIGHT
/sbuw	W1 W∨ WH	WATER VALVE WALL HYDRANT
1\Dra		

UTILITY LINETYPES

	EXISTING	PROPOSED
WATER MAIN		wm
WATER MAIN WITH SIZE	EX 8" WM	PR. 8" WM-
WATER SERVICE	Ex WS	
FORCE MAIN	—— — — ЕХ РМ — — — —	FM
FORCE MAIN WITH SIZE	EX 8" FM	———— PR. 8" FM
IRRIGATION MAIN	—————EX IRR ————	IRR
IRRIGATION MAIN WITH SIZE	EX 8" IRR	
REUSE MAIN	——————————————————————————————————————	
REUSE MAIN WITH SIZE	— —EX 8" RU — —	
IQ MAIN	———— Ех. 10 — — ———	IQ
IQ MAIN WITH SIZE	EX 8" IQ	
RAW WATER MAIN	EX RW	RW
RAW WATER MAIN WITH SIZE	—EX 8" RW —	
SANITARY SEWER	————— ex ss — — ———	ss
SANITARY SEWER WITH SIZE	—— — — EX 8" SS — — ——	
CABLE TELEVISON	— ех ту — —	
CLOSED CIRCUIT TELEVISION	—— — — ех ссту— — ———	
MISC. COMMUNICATION	EX COMM	
ELECTRIC	——————————————————————————————————————	
OVERHEAD ELECTRIC		
UNDERGROUND ELECTRIC	EX OHE	
GAS MAIN	——— —— EX GAS — — ———	
GAS MAIN WITH SIZE	EX 8" GAS	
FIRE MAIN	——————————————————————————————————————	
DRAINAGE	——————————————————————————————————————	
DRAINAGE WITH SIZE	——————————————————————————————————————	
STORM WATER	——————————————————————————————————————	
TELEPHONE	—————EX TEL ————	
UNDERGROUND TELEPHONE	EX UGT	

SYMBOLS



FIRE HYDRANT ASSEMBLY W/ GATE VALVE MITERED END SECTION

MANHOLE W/ NUMBER PLUG VALVE (A) AIR RELEASE VALVE

> 11.25° BEND 22.5* BEND

 $\langle \neg \rangle$ 45° BEND 4 90° BEND

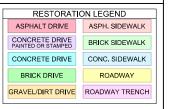
 \mathbb{C} VERTICAL DEFLECTION \rightarrow WYE

WATER SERVICE (DOUBLE) WATER SERVICE (SINGLE)

> IRRIGATION SERVICE (DOUBLE) IRRIGATION SERVICE (SINGLE)

SEWER SERVICE (DOUBLE) SEWER SERVICE (SINGLE)

HEADWALL DRAINAGE INLET (SEE PLAN FOR TYPES) THROAT INLET FLARED END SECTION





NOTICE TO ALL CONTRACTORS IT'S THE LAW IN FLORIDA 2 BUSINESS DAYS BEFORE YOU DIG CALL SUNSHINE 1-800-432-4770

STATE, COUNTIES & CITIES ARE "NOT" PART OF THE ONE CALL SYSTEM. THEY MUST BE CALLED INDIVIDUALLY.

STATE OF FLORIDA DOT ALL INTERSTATE RIGHT-OF-WAY HIGHMAST LIGHTING 7-DAY NOTICE REQUIRED 239-656-7811 239-656-7742 FAX

PRINTING AND PLOTTING NOTE:

PRINTING FULL SIZE OR 22"X34" PLANS:

- 22"X34" PLANS ARE MEANT TO BE PLOTTED AT 20 SCALE.
 (SEE INDIVIDUAL SCALE BARS ON EACH SHEET FOR DEVIATIONS)
 WHEN PRINTING FULL SIZE PLANS (22"X34") MAKE SURE THE PROPER SIZE PAPER IS
- USED, FAILURE TO DO SO WILL RESULT IN PLANS THAT ARE NOT TO SCALE WHEN PRINTING 22"X34" PDF'S FROM ADOBE SELECT "ACTUAL SIZE" & "CHOOSE PAPER" SOURCE BY PDF PAGE SIZE"

PRINTING 1/2 SIZE OR 11"X17" PLANS:

- 11"X17" PLANS ARE MEANT TO BE PLOTTED AT 40 SCALE.
 (SEE INDIVIDUAL SCALE BARS ON EACH SHEET FOR DEVIATIONS)
 WHEN PRINTING 1/2 SIZE PLANS (11"X17") MAKE SURE THE PROPER SIZE PAPER IS
 USED, FAILURE TO DO SO WILL RESULT IN PLANS THAT ARE NOT TO SCALE.
- WHEN PRINTING 11"X17" PDF'S FROM ADOBE SELECT "ACTUAL SIZE" & "CHOOSE PAPER SOURCE BY PDF PAGE SIZE

GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF CITY OF FORT MYERS AND LEE COUNTY UTILITIES, WHICHEVER IS MORE STRINGENT. ANY UTILITY INSTALLED BELOW THE SURFACE OF THE NATURAL GROUND, STREAM BOTTOMS, PAVEMENT, OR DRAINAGE CANALS AND DITCHES MUST BE PLACED SO THAT THE DISTANCE, AS MEASURED FROM THE LOWER OF THE DESIGN GRADE OR THE NATURAL GROUND TO THE UPPERMOST PART OF THE UTILITY, IS NOT LESS THAN THIRTY-SIX
- 2. CONTRACTOR SHALL NOT EXCEED 75% OF THE MANUFACTURERS RECOMMENDED MAXIMUM DEFLECTION WHEN DEFLECTING PIPE. ENGINEER WILL DETERMINE MAXIMUM DEFLECTION AFTER PIPE MANUFACTURER IS SELECTED.
- 3. THE CONTRACTOR SHALL KEEP A RECORD OF ALL CHANGES AND MAINTAIN AN AS-BUILT PLAN. PRIOR TO FINAL ACCEPTANCE, THIS PLAN WILL BE FURNISHED TO THE ENGINEER. THE CONTRACTOR SHALL ALSO FURNISH THE ENGINEER WITH A STATEMENT THAT THE AS-BUILT PLAN REPRESENTS ALL CHANGES MADE AND THAT THE LOCATION OF FORCEMAINS SHOWN ARE WITHIN 2'.
- 4. CONTRACTOR TO MAINTAIN EXISTING TRAFFIC/ACCESS, EXISTING DRAINAGE & EXISTING UTILITIES DURING CONSTRUCTION.
- 5. ALL FINAL FITTING AND VALVE LOCATIONS TO BE APPROVED IN THE FIELD BY THE OWNER/ENGINEER
- 6. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THE INFORMATION IS NOT GUARANTEED. THEREFORE THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES. IN THE FIELD PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
- 7. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA 48 HOURS MINIMUM PRIOR TO START OF CONSTRUCTION, AND SHALL HAVE ALL SERVICE LINES (UTS, FPL, WATER, CABLE AT&T, SANITARY SEWER, IRRIGATION, FORCE MAIN & ANY OTHERS) LOCATED AND FLAGGED PRIOR TO ANY EXCAVATION.
- 8 THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL LITELITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION INCLUDING IRRIGATION LINES AND SERVICES. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGED LINES PRIOR TO REPAIR, ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY UPON DAMAGE OF LINE.
- 9. ALL DRIVEWAYS, LANDSCAPING, SIGNS, GRASS, FENCING, ETC. SHALL BE RESTORED TO A CONDITION EQUIVALENT TO PRECONSTRUCTION CONDITION UNLESS OTHERWISE APPROVED BY THE ENGINEER AND OWNER.
- 10. ALL ELEVATIONS REFER TO NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FROM NAVD88 TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) IS AS FOLLOWS: NAVD88 + 1.14 = NGVD29.
- 11. THE CONTRACTOR IS REQUIRED TO OBTAIN WRITTEN APPROVAL FROM THE ENGINEER FOR ANY DEVIATIONS FROM THE PLANS
- 12. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF THE EXISTING STREETS ADJACENT TO THE PROJECT AREA. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 600 SERIES. CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC PLAN TO OWNER/ENGINEER PRIOR TO CONSTRUCTION.
- 14. ALL UTILITY CONNECTIONS SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE AGENCY HAVING JURISDICTION OF EACH INDIVIDUAL UTILITY LINE.
- 15. THE UNDERGROUND CONTRACTOR SHALL MINIMIZE THE WORK AREA AND WIDTH OF TRENCHES TO AVOID DISTURBANCES OF NATURAL VEGETATION, SPOIL FROM TRENCHES SHALL BE PLACED ONLY ON PREVIOUSLY CLEARED AREAS, EXISTING RIGHT-OF-WAY OR APPROVED EASEMENT. THE CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY TREES OR SHRUBS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- 16. THE 36" MINIMUM COVER REQUIREMENT FOR THE PROPOSED WATER MAIN SHALL BE MEASURED FROM FINISHED GRADES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE MINIMUM COVER REGARDLESS OF EXISTING GRADE PERIODIC CHECKS (MIN EVERY 100 FT.) FOR MINIMUM COVER SHALL BE MADE BY THE CONTRACTOR AND RECORDED ON THE RECORDS DRAWINGS.
- 17. ALL FITTINGS SHALL BE RESTRAINED WITH MEGALUG OR APPROVED EQUAL
- 18. ALL IN LINE VALVES SHALL BE MAIN SIZE MECHANICAL JOINT AND RESTRAINED WITH MOLDED FLANGE ADAPTOR WITH STEEL RETAINING RING AS SUPPLIED BY PIPE MANUFACTURER.
- THE CONTRACTOR SHALL NOTIFY RESIDENCES AND BUSINESS AT LEAST 48 HOURS IN ADVANCE OF ANY DISRUPTION IN SERVICE, INCLUDING DRIVEWAY CUTS.
- 20. WATER MAINS SHALL BE SUBJECT TO FLUSHING AND BACTERIOLOGICAL SAMPLING.
- 21. CONTRACTOR IS ADVISED TO VISIT CONSTRUCTION SITE PRIOR TO BIDDING PROJECT. BID IS FINAL AND ACKNOWLEDGES THAT CONTRACTOR IS FAMILIAR WITH EXISTING SITE CONDITIONS.
- 22. RESTRAINING OF PIPELINE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS. NO THRUST BLOCKS SHALL BE ALLOWED, UNLESS OTHERWISE SPECIFIED.
- 23. WHEN A CONFLICT ARISES BETWEEN INVERT ELEVATIONS SHOWN IN PLAN AND PROFILE VIEWS, PROFILE ELEVATIONS SHALL
- 24. CONTRACTORS SHALL PROVIDE COMPLETE LIST OF 24 HR EMERGENCY PHONE NUMBERS.

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JOHNSON ENGINEERING, LLC 2122 JOHNSON STREET FORT MYERS, FLORIDA 33902-1550 PHONE: (239) 334-0046 E.R. #642 & L.B. #642



Aain Improvements y Access Drive to al Recovery Facility County, Florida Utility Main I Along Acc Material Rec Lee Cour

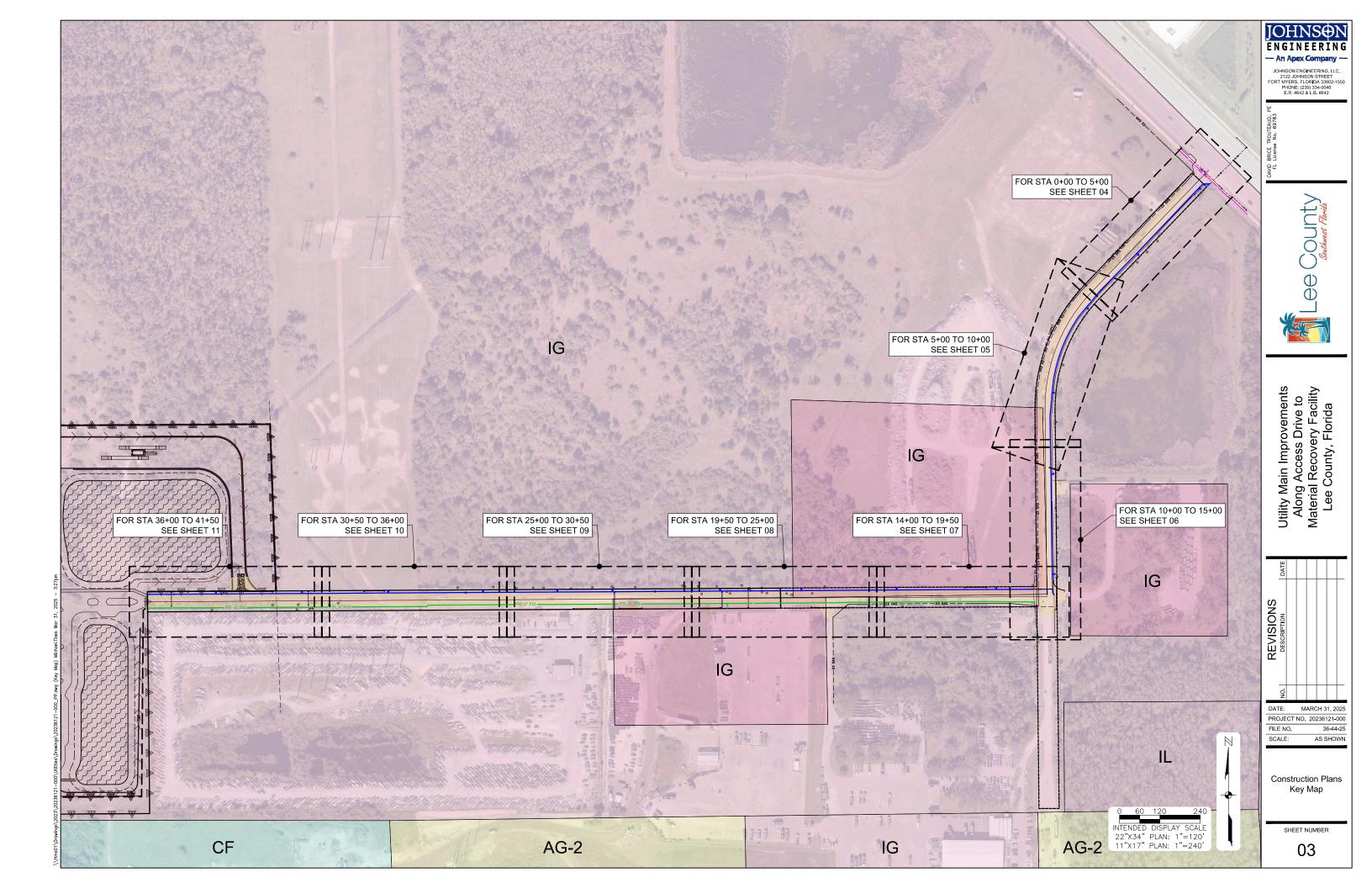


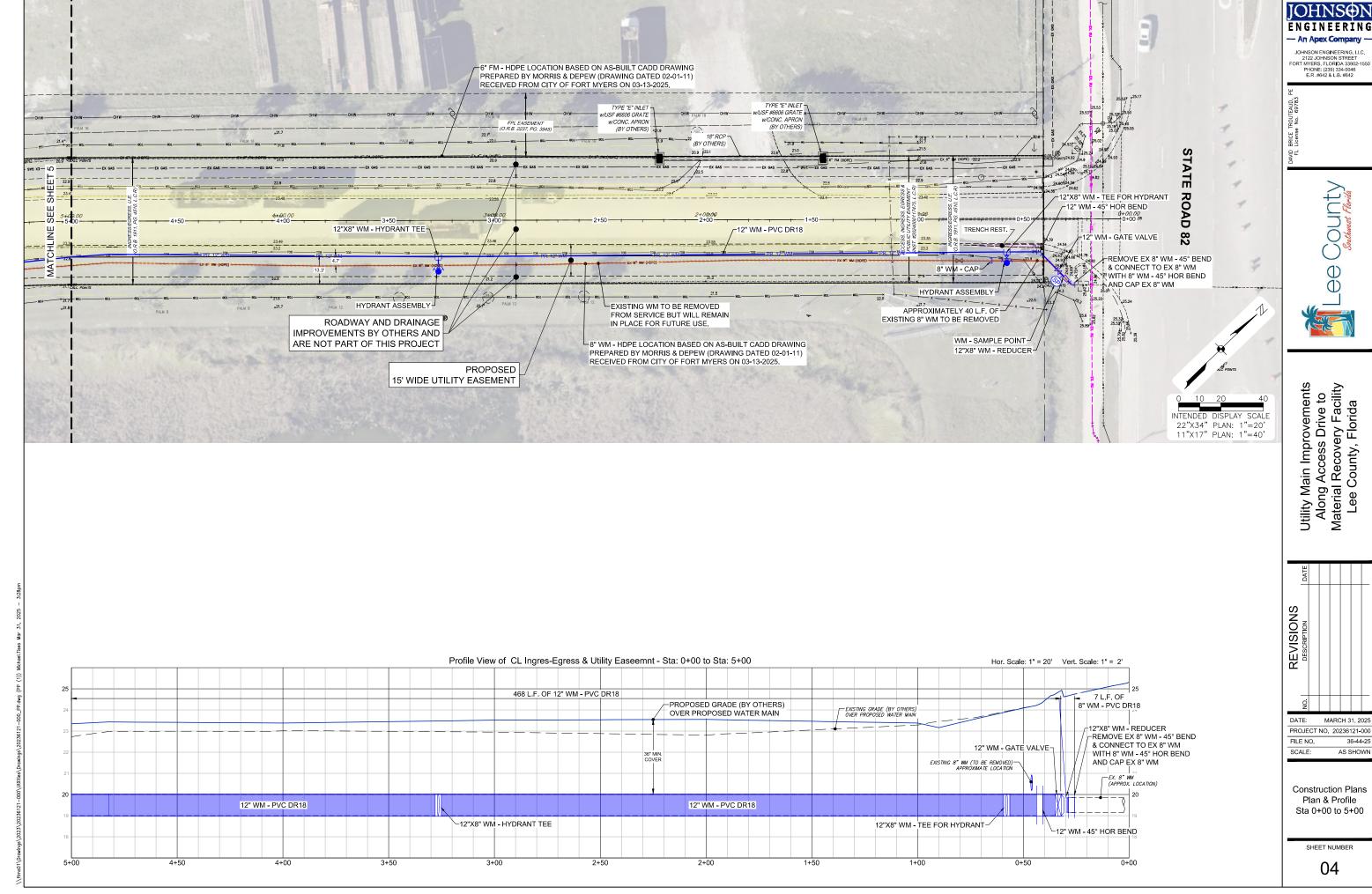
PROJECT NO. 20236121-000 FILE NO. 36-44-25 SCALE: AS SHOWN

Construction Plans Notes & Legends

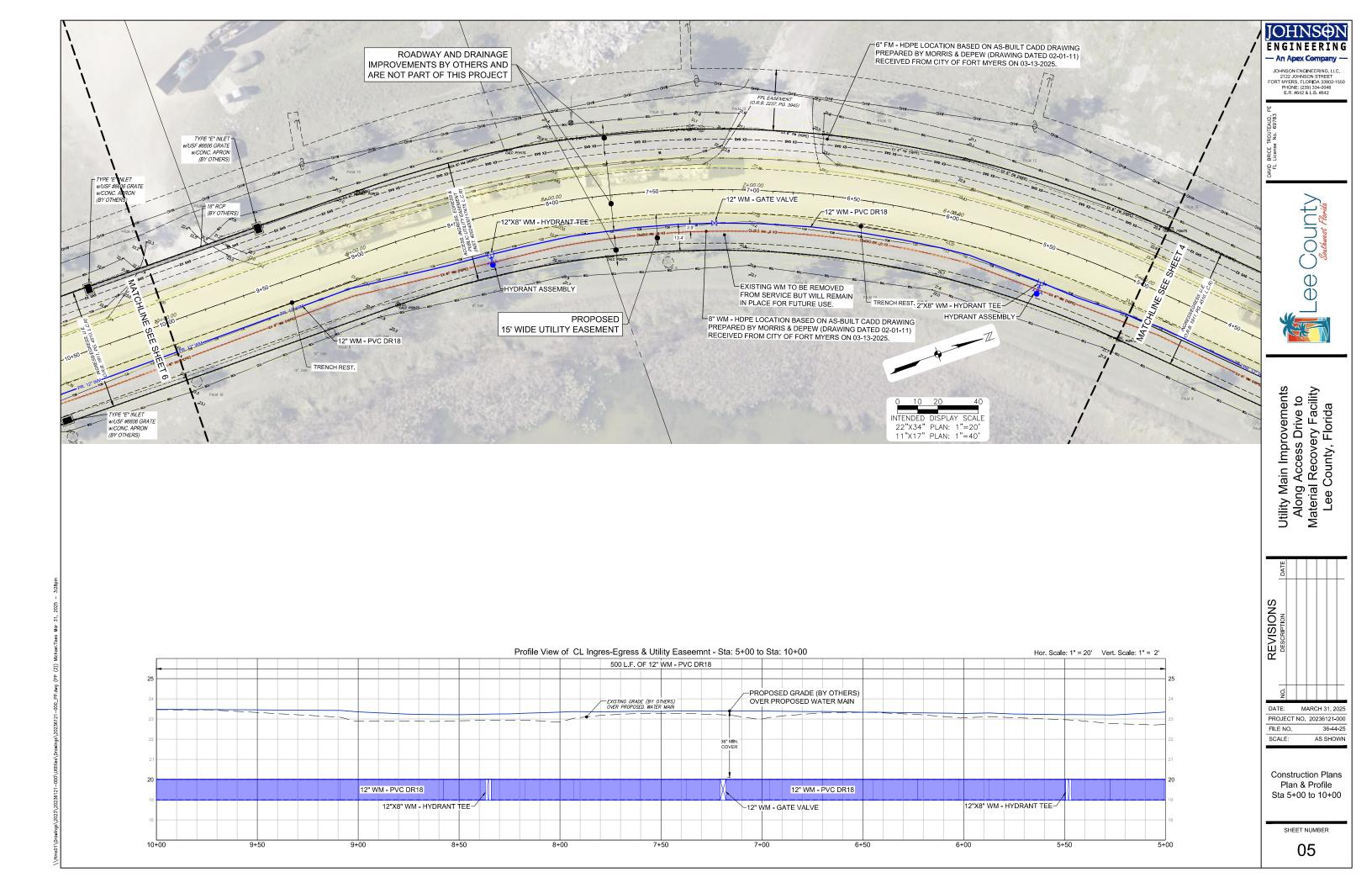
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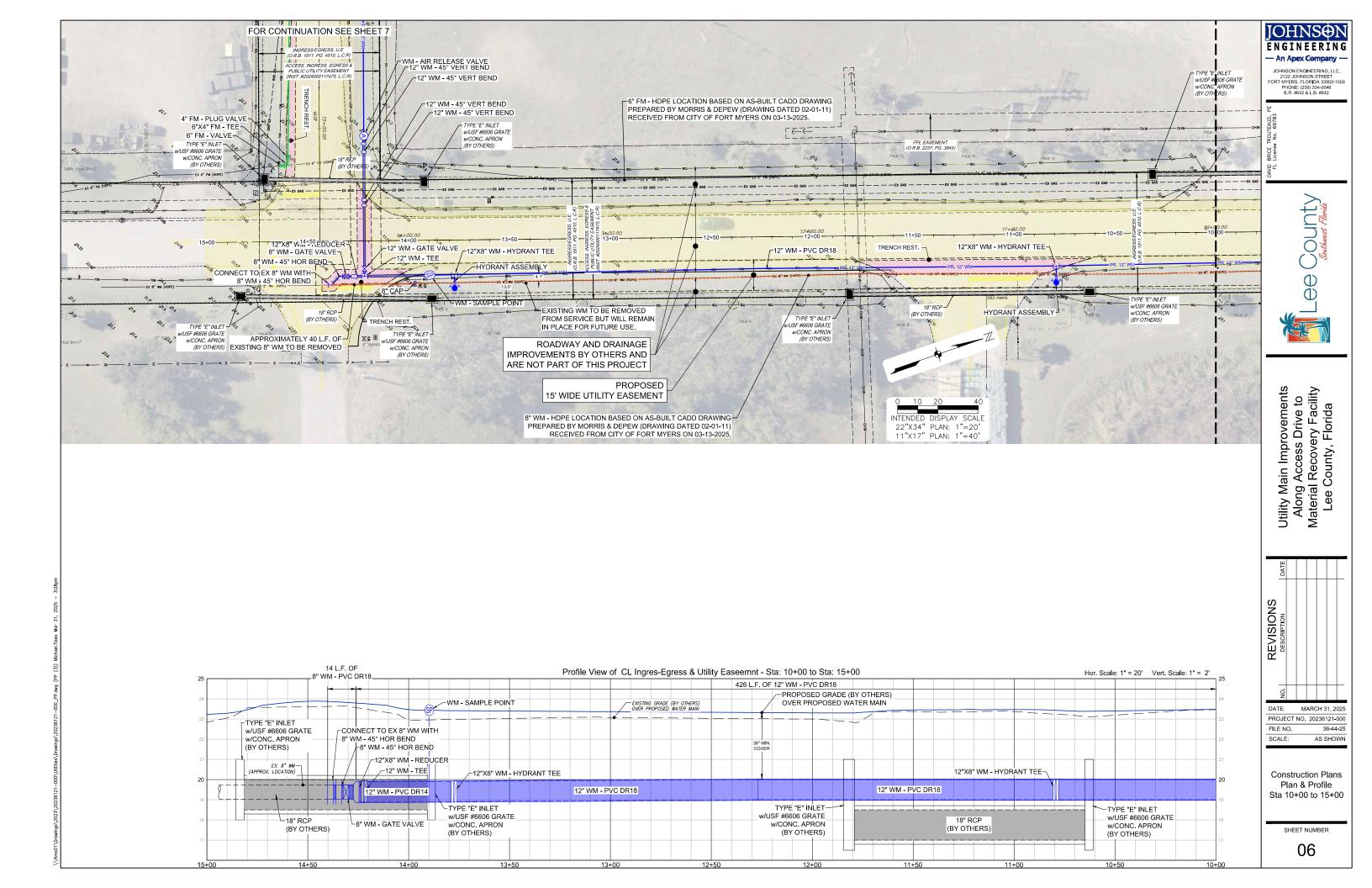
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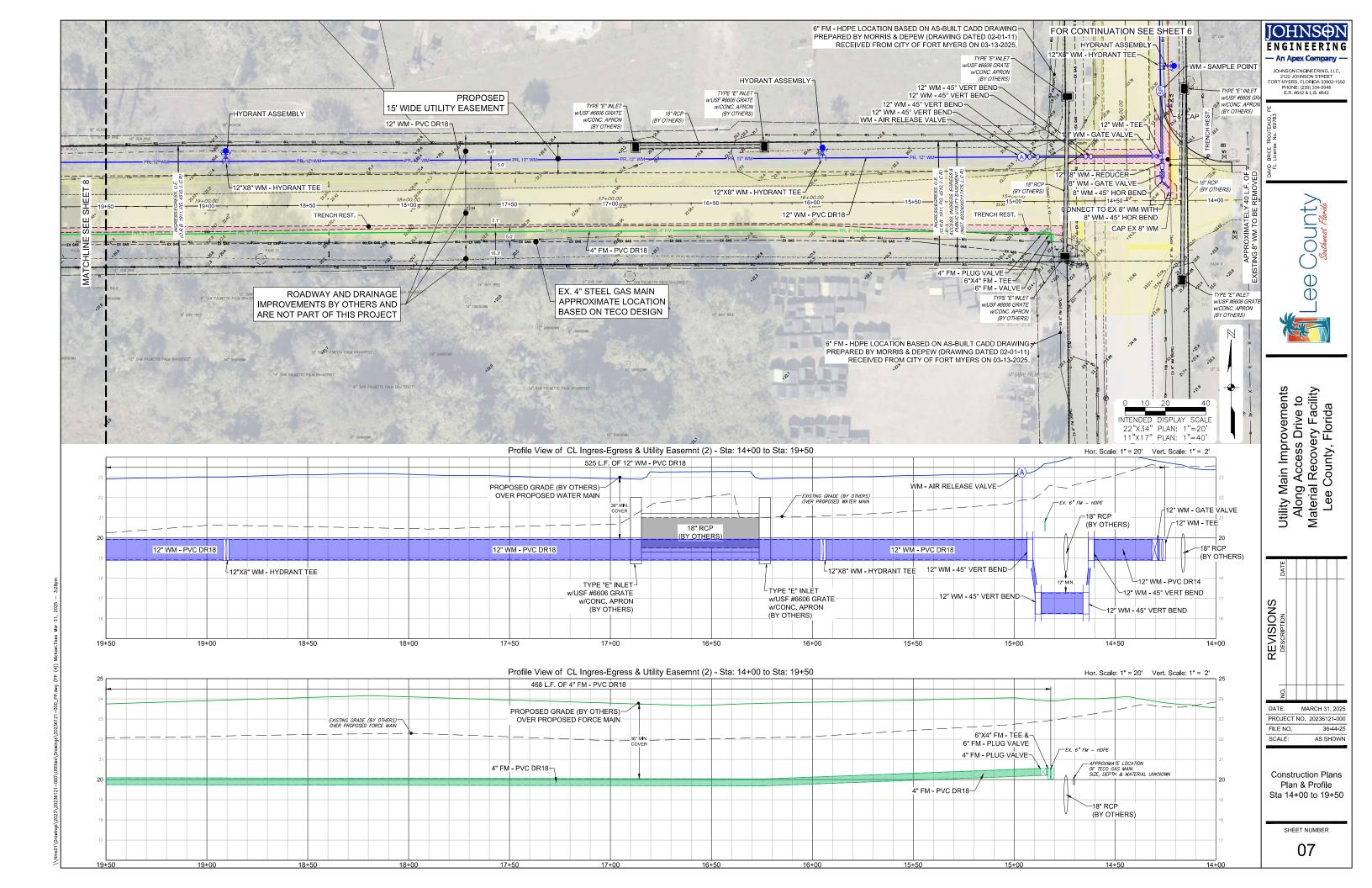


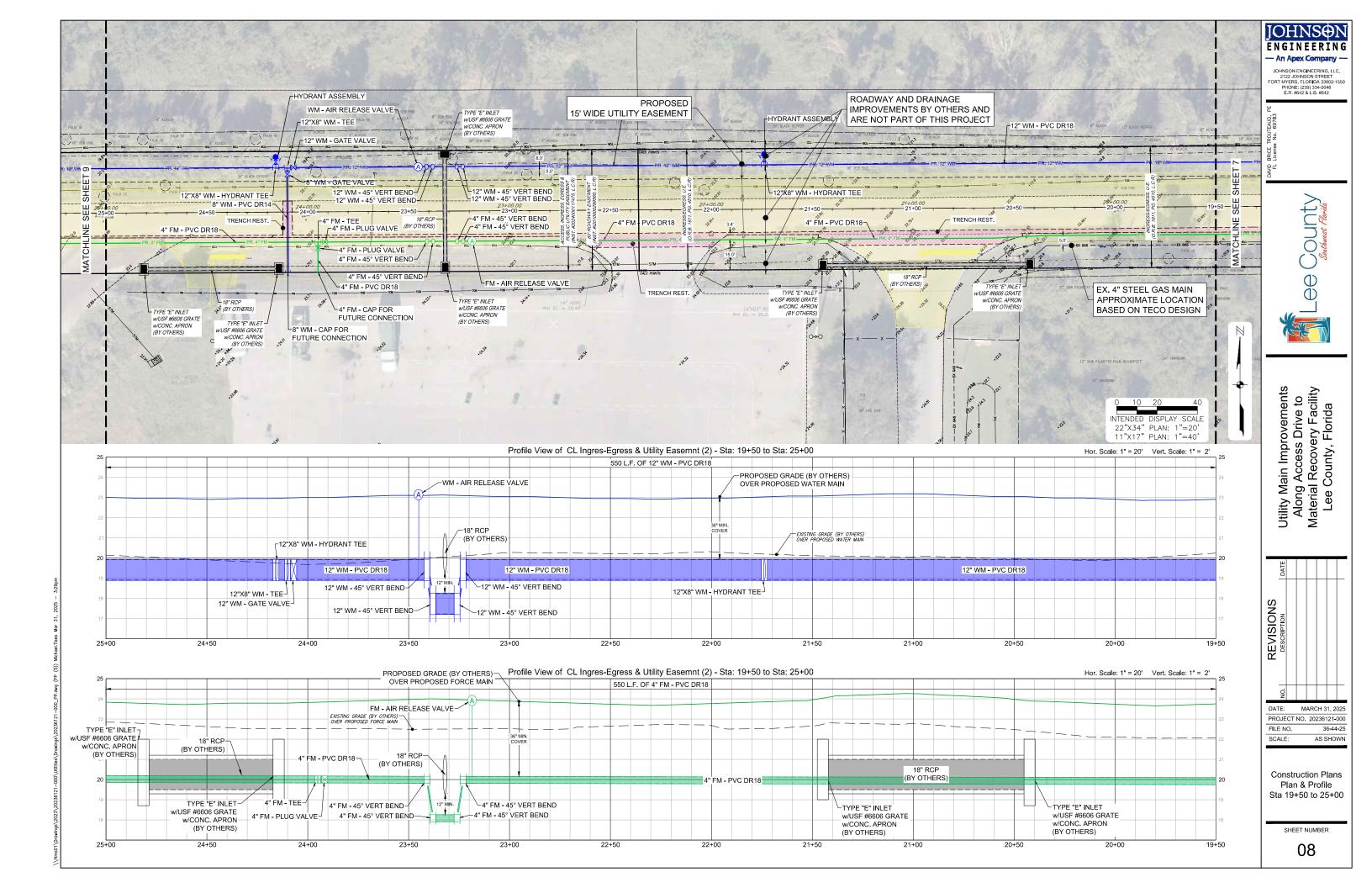


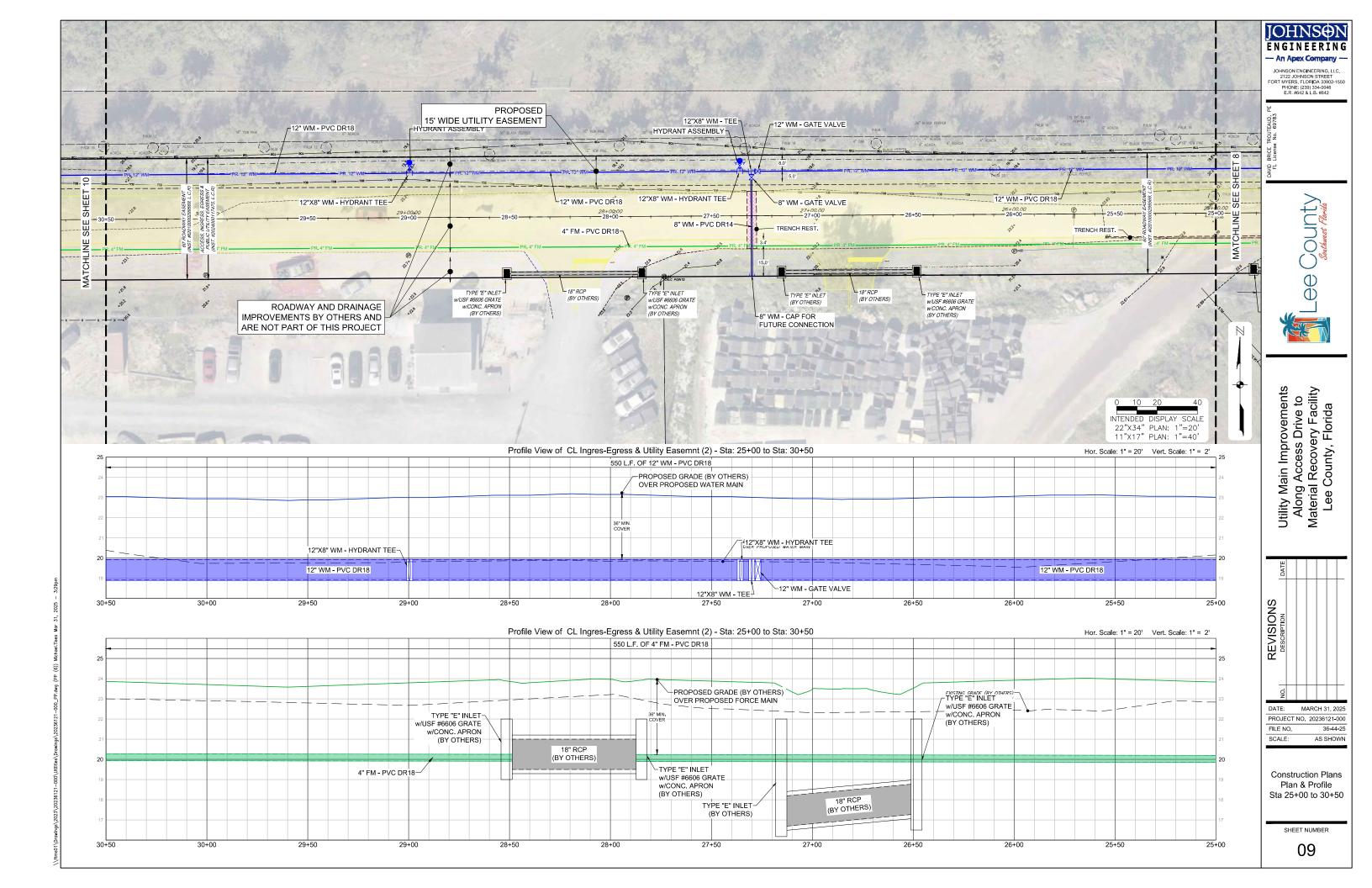
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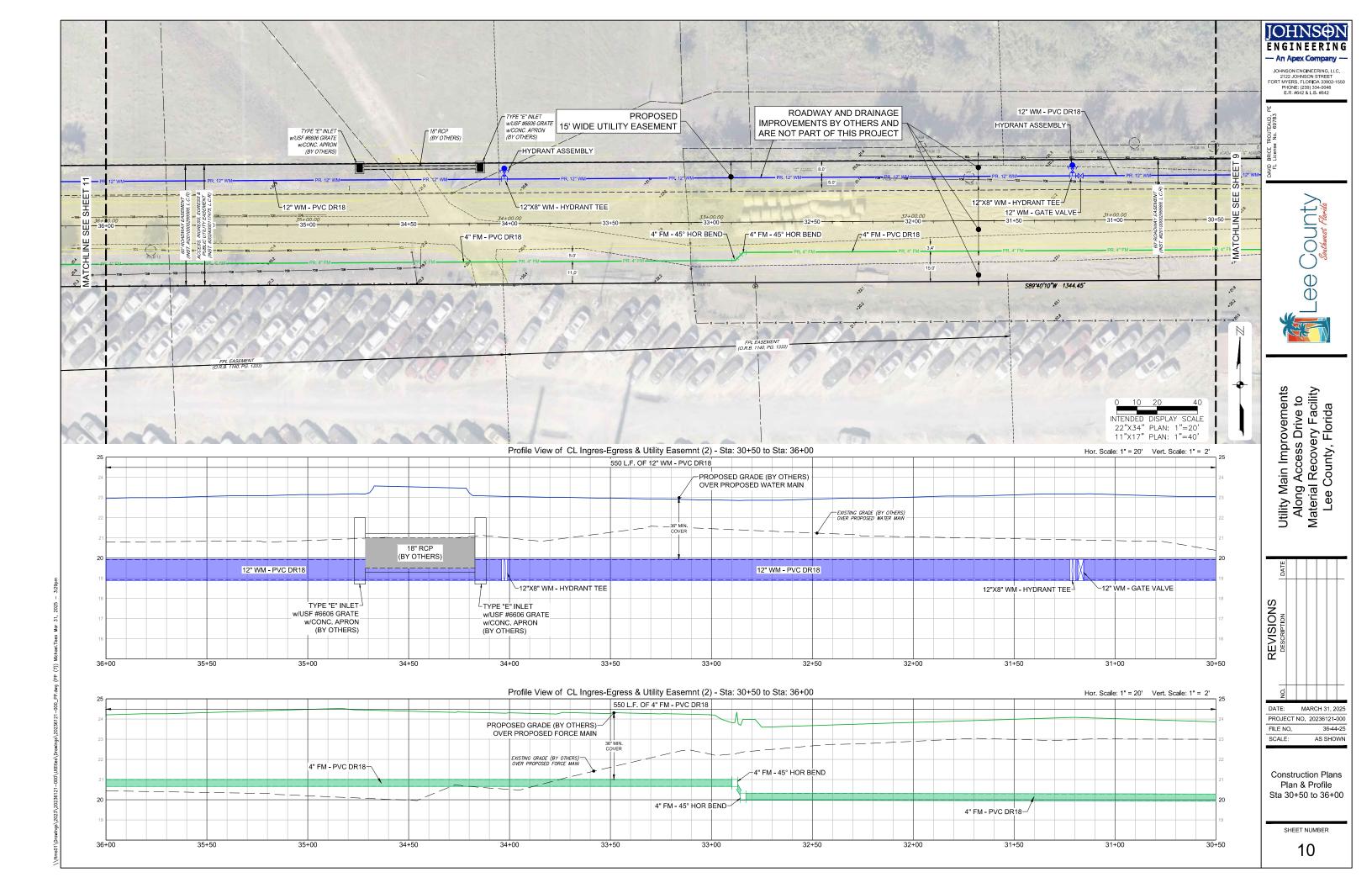


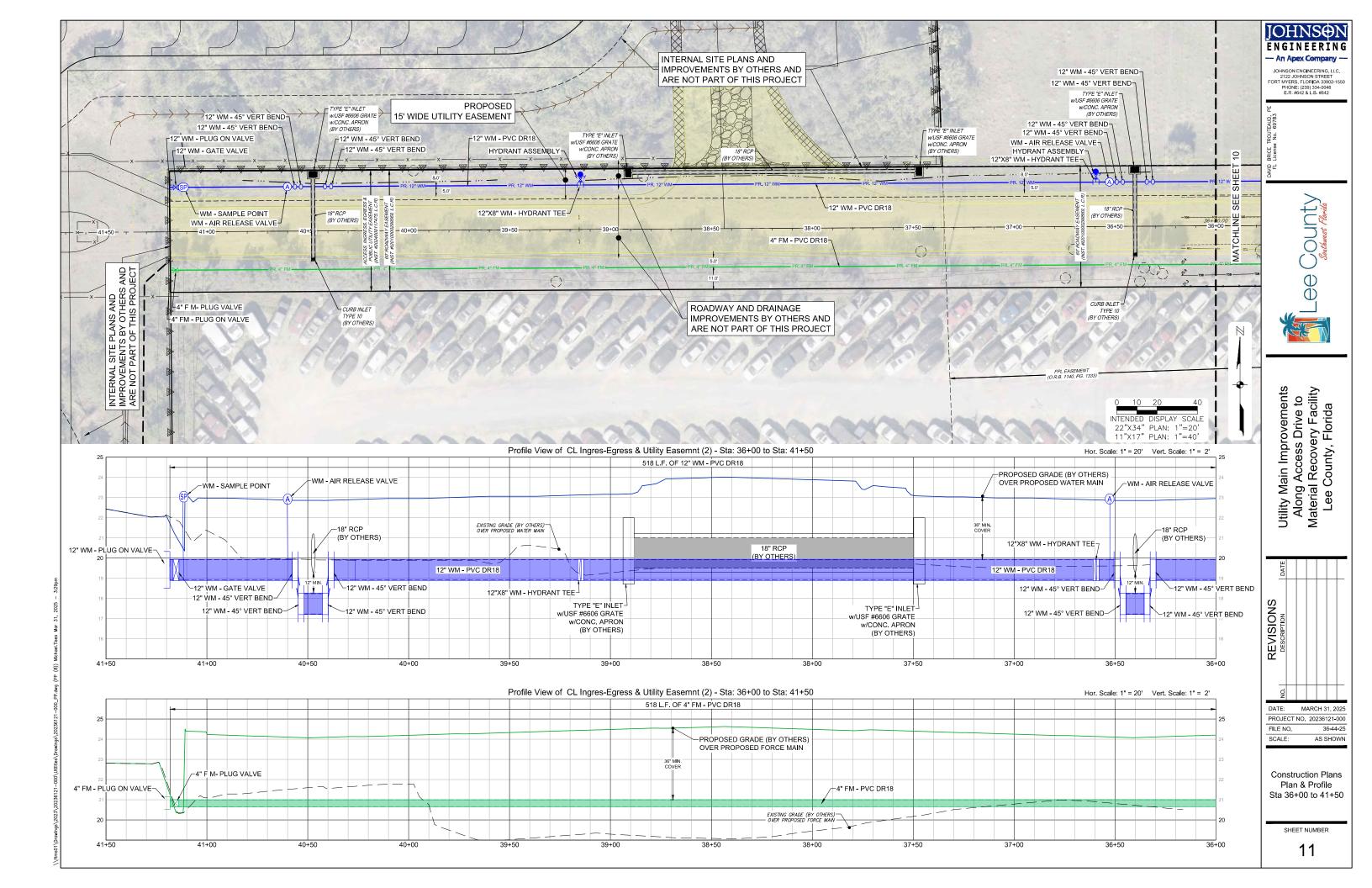


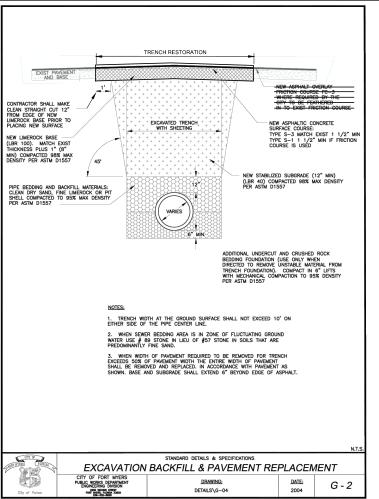


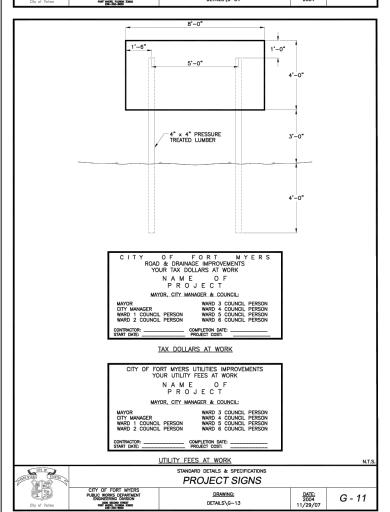












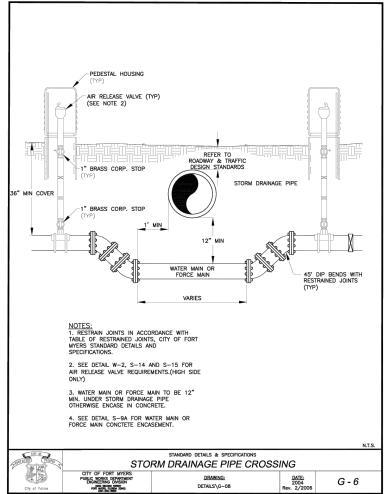
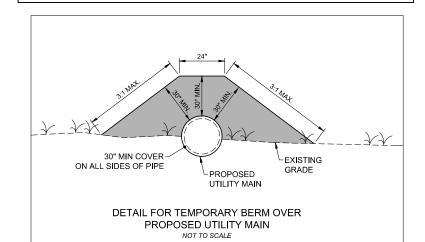


	TABLE OF RESTRAINED J	OINTS FOR MEG-A	A-LUG TYPE JOINT RESTRAINTS AINTS	
	FITTING TYPE	PIPE SIZE INCHES	RESTRAINED LENGH FT.	
	90 DEG. HORIZONTAL BEND	4 6 8 10	12 19 25 27 35	
	45 DEG. HORIZONTAL BEND	16 4 6 8 10 12 16	40 5 8 10 11 14 16	
	22.5 DEG. HORIZONTAL BEND	4 6 8 10 12 16	2 4 5 5 7 8	
S WITH DINTS	11.25 DEG. HORIZONTAL BEND	4 6 8 10 12 16	1 2 2 3 3 4	
	45 DEG. VERTICAL BEND	4 6 8 10 12 16	LHS 16, LLS 3 LHS 22, LLS 5 LHS 29, LLS 6 LHS 34, LLS 7 LHS 41, LLS 9 LHS 52, LLS 11	
	22.5 DEG. VERTICAL BEND	4 6 8 10 12 16	LHS 7, LLS 2 LHS 11, LLS 2 LHS 14, LLS 3 LHS 17, LLS 3 LHS 20, LLS 4 LHS 25, LLS 5	
N.T.S.	11.25 DEG. VERTICAL BEND	4 6 8 10 12 16	LHS 4, LLS 1 LHS 5, LLS 1 LHS 7, LLS 1 LHS 8, LLS 2 LHS 10, LLS 2 LHS 12, LLS 3	
- 6	TEE W/6" BRANCH	6 8 10 12 16	20 RUN E.W., 1' BRANCH*	
	TEE W/8" BRANCH	8 10 12 16	20 RUN E.W., 1' BRANCH* 20 RUN E.W., 1' BRANCH* 20 RUN E.W., 1' BRANCH* 20 RUN E.W., 1' BRANCH*	
	TEE W/12" BRANCH	12 16	20 RUN E.W., 1' BRANCH* 20 RUN E.W., 1' BRANCH*	
	TEE W/ 16" BRANCH	16	20 RUN E.W., 1' BRANCH*	
	DEAD END CAD		20	

NOTES:

FITTING TYPE	PIPE SIZE INCHES	RESTRAINED LENGH FT.
90 deg. Horizontal Bend	4 6 8 10 12 16	12 19 25 27 35 40
45 DEG. HORIZONTAL BEND	4 6 8 10 12 16	5 8 10 11 14 16
22.5 DEG. HORIZONTAL BEND	4 6 8 10 12 16	2 4 5 5 7 8
11.25 DEG. HORIZONTAL BEND	4 6 8 10 12 16	1 2 2 3 3 3
45 DEG. VERTICAL BEND	4 6 8 10 12 16	LHS 16, LLS 3 LHS 22, LLS 5 LHS 29, LLS 6 LHS 34, LLS 7 LHS 41, LLS 9 LHS 52, LLS 11
22.5 DEG. VERTICAL BEND	4 6 8 10 12 16	LHS 7, LLS 2 LHS 11, LLS 2 LHS 14, LLS 3 LHS 17, LLS 3 LHS 20, LLS 4 LHS 25, LLS 5
11.25 DEG. VERTICAL BEND	4 6 8 10 12 16	LHS 4, LLS 1 LHS 5, LLS 1 LHS 7, LLS 1 LHS 8, LLS 2 LHS 10, LLS 2 LHS 12, LLS 3
TEE W/6" BRANCH	6 8 10 12 16	20 RUN E.W., 1' BRANCH*
TEE W/8" BRANCH	8 10 12 16	20 RUN E.W., 1' BRANCH*
TEE W/12" BRANCH	12 16	20 RUN E.W., 1' BRANCH* 20 RUN E.W., 1' BRANCH*
TEE W/ 16" BRANCH	16	20 RUN E.W., 1' BRANCH*
DEAD END CAP	4 6 8 10 12 16	38 53 69 83 98LR** 126LR**
REDUCER 8" TO 6"	8	29' 8" PIPE
REDUCER 10" TO 8"	10	28′ 10″ PIPE



3 FT. PIPE COVER MIN, TEST PRES. 150 PSI, *RESTRAINED FITTING ONLY, **ALTERNATELY RESTRAIN BACK

TO TEE AT BEGINNING OF BRANCH, # UNOBSTRUCTED LENGTH ON THE SMALLER SIDE OF REDUCER, LHS = LENGH OF HIGH SIDE OF FITTING, LLS = LENGH ON LOW SIDE OF FITTING, LR = LENGTH OF RUN, E.W. = EACH WAY FROM FITTING, FACTOR OF SAFETY = 1.5.

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Utility Main Improvements Along Access Drive to Material Recovery Facility Lee County, Florida



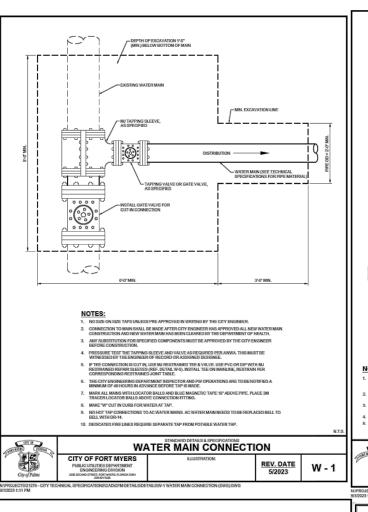
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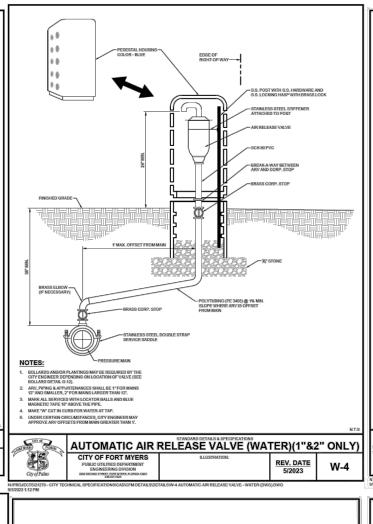
Construction Plans

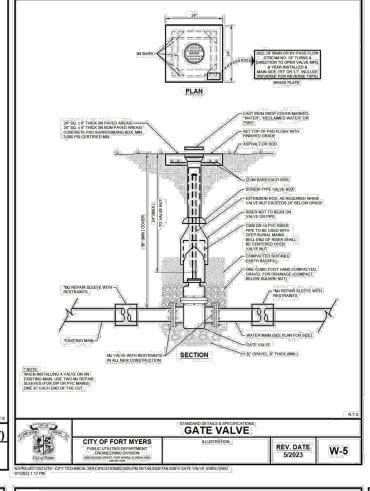
Utility Details 1 of 3 (General)

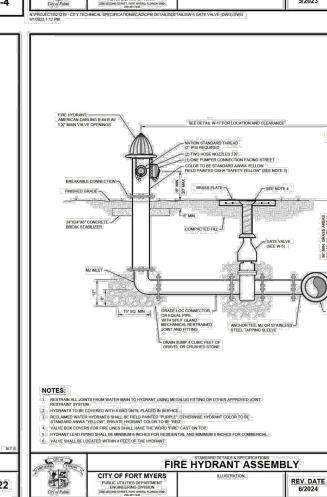
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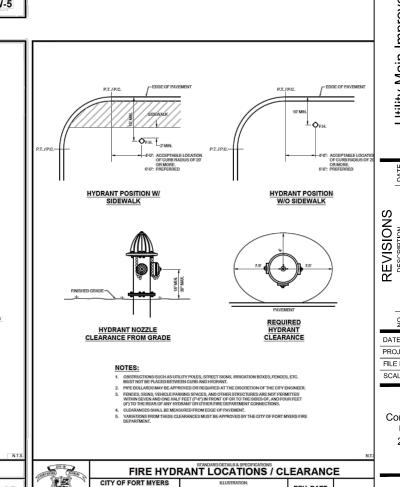
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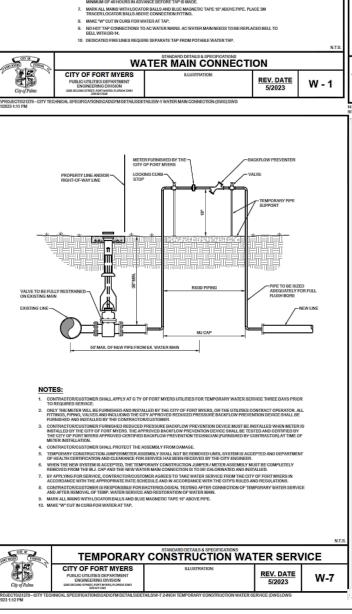


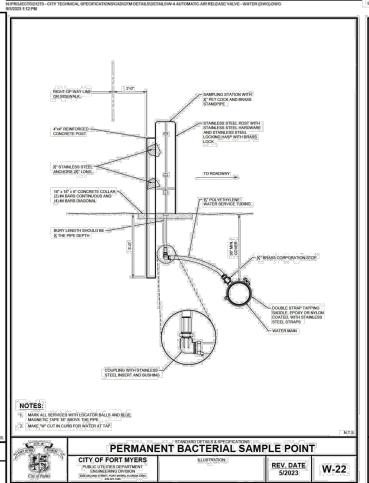


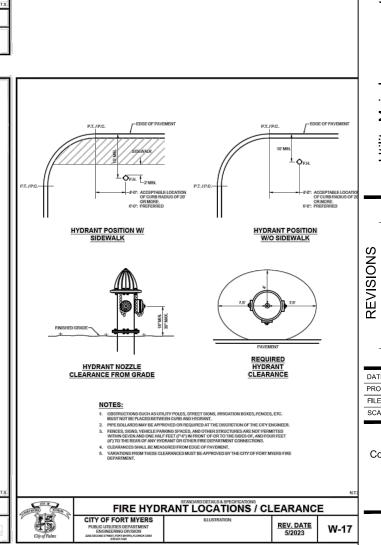










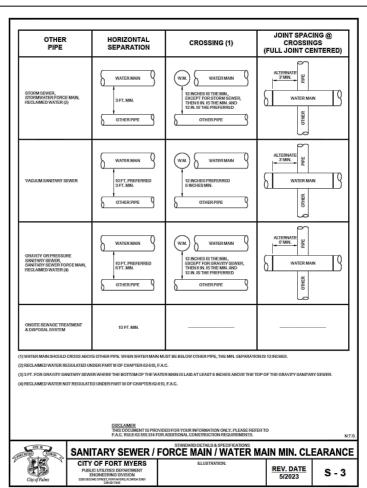


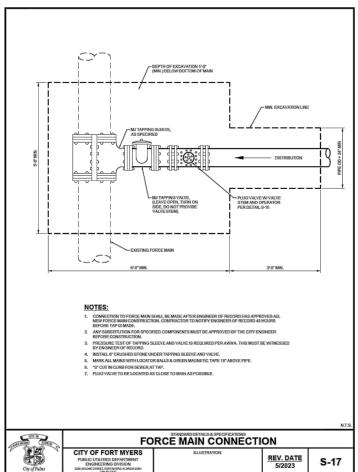
Utility Main Improvements Along Access Drive to Material Recovery Facility Lee County, Florida REVISIONS DESCRIPTION DATE: MARCH 31, 2025 PROJECT NO. 20236121-000 FILE NO. 36-44-25 SCALE: AS SHOWN Construction Plans Utility Details 2 of 3 (Water) SHEET NUMBER

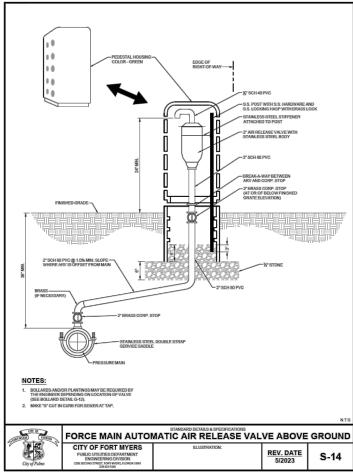
ENGINEERING An Apex Company JOHNSON ENGINEERING, LLC. 2122 JOHNSON STREET FORT MYERS, FLORIDA 33902-1550 PHONE: (239) 334-0046 E.R. #642 & L.B. #642

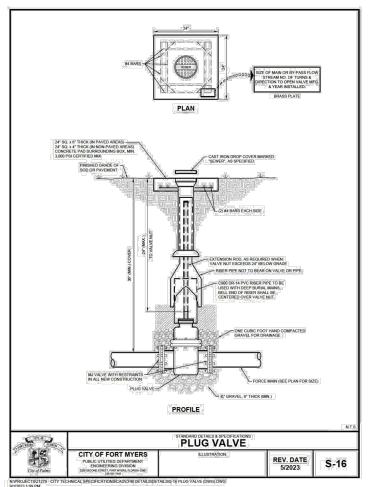
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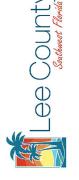




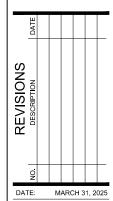
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Utility Main Improvements Along Access Drive to Material Recovery Facility Lee County, Florida



PROJECT NO. 20236121-000 36-44-25

FILE NO. SCALE: AS SHOWN

Construction Plans Utility Details 3 of 3 (Sewer)

SHEET NUMBER

D-03

