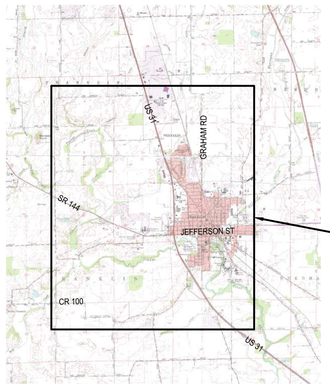
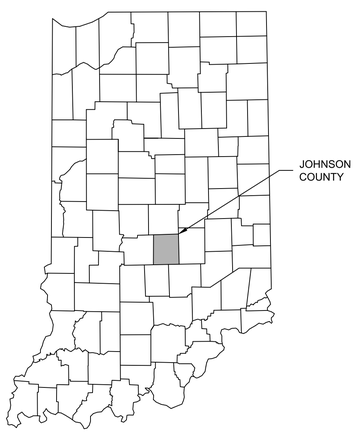
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

FOR THE

CITY OF FRANKLIN, INDIANA



FRANKLIN
VICINITY MAP
SCALE: NONE



STATE LOCATION MAP
SCALE: NONE

DRAWINGS PREPARED FOR:
BOARD OF PUBLIC WORKS AND SAFETY

HONORABLE STEVE BARNETT	MAYOR
KEN AUSTIN	MEMBER
TINA JOBE	MEMBER
JAN JONES	CLERK-TREASURER
LYNNETTE GRAY	ATTORNEY
MATT A. McELROY, P.E.	CITY ENGINEER
SALLY BROWN	WASTEWATER SUPERINTENDENT

FRANKLIN DPW
DEPARTMENT OF PUBLIC WORKS

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PROJECT NO. 231120-04-002

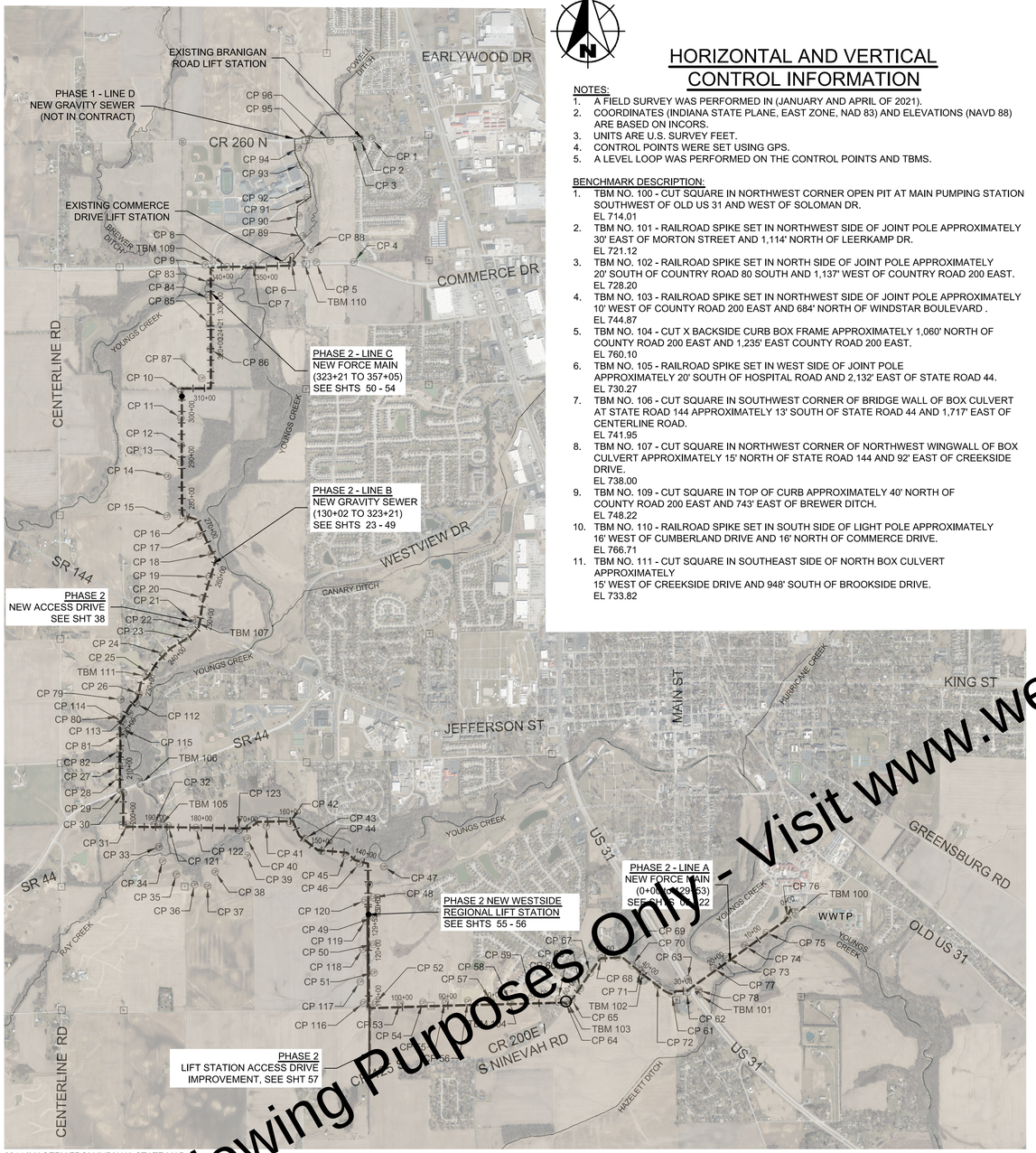
SEPTEMBER 2025

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025
GARY L. RUSTON
REGISTERED ENGINEER STATE OF INDIANA NO. 19500302

BRENT A. SIEBENTHAL REGISTERED No. 19800332 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025
BRENT A. SIEBENTHAL
REGISTERED ENGINEER STATE OF INDIANA NO. 19800332

WAYNE C. MOORE REGISTERED No. 10707476 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025
WAYNE C. MOORE
REGISTERED ENGINEER STATE OF INDIANA NO. 10707476
COVERING ELECTRICAL DESIGN

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-GS.dwg | Layout: 1G1 | Plotted: 08/18/25 @ 12:33:22 | LastSavedBy: MichelleE



2011 IMAGERY FROM INDIANA STATE MAP

LOCATION AND SCOPE OF WORK PLAN

0 750 1500 3000 FT
1"=1500'

HORIZONTAL AND VERTICAL CONTROL INFORMATION

NOTES:
1. A FIELD SURVEY WAS PERFORMED IN (JANUARY AND APRIL OF 2021).
2. COORDINATES (INDIANA STATE PLANE, EAST ZONE, NAD 83) AND ELEVATIONS (NAVD 88) ARE BASED ON INCORS.
3. UNITS ARE U.S. SURVEY FEET.
4. CONTROL POINTS WERE SET USING GPS.
5. A LEVEL LOOP WAS PERFORMED ON THE CONTROL POINTS AND TBMS.

BENCHMARK DESCRIPTION:
1. TBM NO. 100 - CUT SQUARE IN NORTHWEST CORNER OPEN PIT AT MAIN PUMPING STATION SOUTHWEST OF OLD US 31 AND WEST OF SOLOMAN DR. EL 714.01
2. TBM NO. 101 - RAILROAD SPIKE SET IN NORTHWEST SIDE OF JOINT POLE APPROXIMATELY 30' EAST OF MORTON STREET AND 1,114' NORTH OF LEERKAMP DR. EL 721.12
3. TBM NO. 102 - RAILROAD SPIKE SET IN NORTH SIDE OF JOINT POLE APPROXIMATELY 20' SOUTH OF COUNTRY ROAD 80 SOUTH AND 1,137' WEST OF COUNTRY ROAD 200 EAST. EL 728.20
4. TBM NO. 103 - RAILROAD SPIKE SET IN NORTHWEST SIDE OF JOINT POLE APPROXIMATELY 10' WEST OF COUNTY ROAD 200 EAST AND 684' NORTH OF WINDSTAR BOULEVARD . EL 744.87
5. TBM NO. 104 - CUT X BACKSIDE CURB BOX FRAME APPROXIMATELY 1,060' NORTH OF COUNTY ROAD 200 EAST AND 1,235' EAST COUNTY ROAD 200 EAST. EL 760.10
6. TBM NO. 105 - RAILROAD SPIKE SET IN WEST SIDE OF JOINT POLE APPROXIMATELY 20' SOUTH OF HOSPITAL ROAD AND 2,132' EAST OF STATE ROAD 44. EL 730.27
7. TBM NO. 106 - CUT SQUARE IN SOUTHWEST CORNER OF BRIDGE WALL OF BOX CULVERT AT STATE ROAD 144 APPROXIMATELY 13' SOUTH OF STATE ROAD 44 AND 1,717' EAST OF CENTERLINE ROAD. EL 741.95
8. TBM NO. 107 - CUT SQUARE IN NORTHWEST CORNER OF NORTHWEST WINGWALL OF BOX CULVERT APPROXIMATELY 15' NORTH OF STATE ROAD 144 AND 92' EAST OF CREEKSIDE DRIVE. EL 738.00
9. TBM NO. 109 - CUT SQUARE IN TOP OF CURB APPROXIMATELY 40' NORTH OF COUNTY ROAD 200 EAST AND 743' EAST OF BREWER DITCH. EL 748.22
10. TBM NO. 110 - RAILROAD SPIKE SET IN SOUTH SIDE OF LIGHT POLE APPROXIMATELY 16' WEST OF CUMBERLAND DRIVE AND 16' NORTH OF COMMERCE DRIVE. EL 766.71
11. TBM NO. 111 - CUT SQUARE IN SOUTHEAST SIDE OF NORTH BOX CULVERT APPROXIMATELY 15' WEST OF CREEKSIDE DRIVE AND 948' SOUTH OF BROOKSIDE DRIVE. EL 733.82

CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 1	1554368.18	211763.73	769.09	MAGNAIL
CP 2	1554352.80	211511.20	766.24	5/8" REBAR
CP 3	1554353.27	211334.21	765.79	5/8" REBAR
CP 4	1551659.16	211368.53	767.67	5/8" REBAR
CP 5	1551653.82	210546.85	765.77	5/8" REBAR
CP 6	1551633.02	210009.02	763.16	5/8" REBAR
CP 7	1551612.77	209159.28	749.07	5/8" REBAR
CP 8	1551555.85	208594.10	746.96	5/8" REBAR
CP 9	1551592.94	208105.55	749.68	5/8" REBAR
CP 10	1548853.18	207571.30	763.01	5/8" REBAR
CP 11	1548248.20	207576.71	758.20	5/8" REBAR
CP 12	1547655.70	207584.34	759.30	5/8" REBAR
CP 13	1547268.19	207567.37	759.27	5/8" REBAR
CP 14	1546976.24	207285.46	756.31	5/8" REBAR
CP 15	1546094.27	207272.05	758.00	5/8" REBAR
CP 16	1546040.96	207736.99	756.51	5/8" REBAR
CP 17	1545665.60	207977.54	753.58	5/8" REBAR
CP 18	1545260.62	208242.29	757.95	5/8" REBAR
CP 19	1544768.12	208194.65	754.47	5/8" REBAR
CP 20	1544308.42	208050.31	746.66	5/8" REBAR
CP 21	1543810.05	207826.14	738.21	[illegible]
CP 22	1543636.32	207779.76	[illegible]	5/8" REBAR
CP 23	1543416.70	207670.46	[illegible]	5/8" REBAR
CP 24	1543077.19	[illegible]	[illegible]	5/8" REBAR
CP 25	1542655.98	207576.13	732.83	5/8" REBAR
CP 26	[illegible]	206657.52	730.82	5/8" REBAR
CP 27	1540629.65	206217.90	730.96	5/8" REBAR
CP 28	1540377.90	206219.74	729.88	5/8" REBAR
CP 29	1540090.07	206248.82	740.38	5/8" REBAR
CP 30	1540036.12	206319.26	729.28	5/8" REBAR
CP 31	1539332.75	206406.80	731.10	5/8" REBAR
CP 32	1539325.86	206989.08	729.21	5/8" REBAR
CP 33	1538852.68	207095.50	727.03	5/8" REBAR
CP 34	1538540.17	207174.90	727.87	5/8" REBAR
CP 35	1538248.31	207476.65	747.85	5/8" REBAR
CP 36	1538022.83	207872.34	742.69	5/8" REBAR
CP 37	1537998.36	208163.17	739.23	5/8" REBAR
CP 38	1538307.32	208327.76	747.56	5/8" REBAR
CP 39	1538657.08	209027.18	748.85	5/8" REBAR
CP 40	1539032.86	209030.89	745.35	5/8" REBAR
CP 41	1539304.89	209449.60	725.65	5/8" REBAR
CP 42	1539369.07	209962.01	725.09	5/8" REBAR
CP 43	1539031.52	210291.34	723.59	5/8" REBAR
CP 44	1538755.50	210664.67	722.72	5/8" REBAR
CP 45	1538661.80	211183.70	723.60	5/8" REBAR
CP 46	1538488.31	211494.14	722.28	5/8" REBAR
CP 47	1538416.98	212021.86	722.65	5/8" REBAR
CP 48	1537740.55	211798.55	724.12	5/8" REBAR
CP 49	1537303.33	211795.54	735.59	5/8" REBAR
CP 50	1536715.94	211798.41	739.06	5/8" REBAR
CP 51	1536096.12	211807.53	734.19	5/8" REBAR
CP 52	1535432.37	211844.77	736.42	5/8" REBAR
CP 53	1535425.13	212384.42	737.90	5/8" REBAR
CP 54	1535443.06	212883.23	739.45	5/8" REBAR
CP 55	1535465.26	213369.35	738.89	5/8" REBAR

CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 56	1535477.79	213867.51	740.34	5/8" REBAR
CP 57	1535480.40	214372.63	754.87	5/8" REBAR
CP 58	1535449.20	214803.35	759.21	MAGNAIL
CP 59	1535562.07	215262.86	754.17	5/8" REBAR
CP 60	1535514.21	215850.54	760.30	5/8" REBAR
CP 61	1535625.10	218335.95	718.87	5/8" REBAR
CP 62	1535669.96	218670.61	717.06	5/8" REBAR
CP 63	1535954.05	218686.47	716.79	5/8" REBAR
CP 64	1535459.26	216004.89	744.95	5/8" REBAR
CP 65	1535512.96	216145.19	740.30	5/8" REBAR
CP 66	1535747.53	216329.51	737.66	[illegible]
CP 67	1536088.76	216545.51	739.97	5/8" REBAR
CP 68	1536410.27	216788.[illegible]	[illegible].19	5/8" REBAR
CP 69	1536429.05	217151.02	[illegible].82	5/8" REBAR
CP 70	1536253.6[illegible]	[illegible]	721.71	5/8" REBAR
CP 71	1536[illegible]29.7[illegible]	217650.47	727.18	5/8" REBAR
CP 72	1536[illegible]26.81	218027.92	718.36	5/8" REBAR
CP 73	1536439.17	219517.49	709.09	5/8" REBAR
CP 74	1536685.29	219934.75	706.93	5/8" REBAR
CP 75	1536967.63	220411.97	708.79	5/8" REBAR
CP 76	1537287.98	220874.52	709.08	5/8" REBAR
CP 77	1536191.61	219250.80	708.04	5/8" REBAR
CP 78	1535712.84	218920.89	718.62	5/8" REBAR
CP 79	1542080.37	206259.44	756.73	5/8" REBAR
CP 80	1541696.52	206238.60	752.03	5/8" REBAR
CP 81	1541293.91	206241.93	740.40	5/8" REBAR
CP 82	1540969.60	206239.67	733.27	5/8" REBAR
CP 83	1551214.70	208211.25	741.16	5/8" REBAR
CP 84	1550851.70	208204.24	744.85	5/8" REBAR
CP 85	1550311.31	208209.16	760.85	5/8" REBAR
CP 86	1549751.54	208221.29	770.38	5/8" REBAR
CP 87	1549115.40	208034.52	761.45	5/8" REBAR
CP 88	1551937.05	210421.51	759.90	5/8" REBAR
CP 89	1552225.52	210246.58	753.62	5/8" REBAR
CP 90	1552671.51	210163.22	759.53	5/8" REBAR
CP 91	1553067.53	210349.12	760.40	5/8" REBAR
CP 92	1553363.94	210344.61	762.98	5/8" REBAR
CP 93	1553788.18	210172.87	761.87	5/8" REBAR
CP 94	1554167.58	210144.64	771.84	5/8" REBAR
CP 95	1554350.27	210387.28	758.24	5/8" REBAR
CP 96	1554315.98	210850.73	765.09	5/8" REBAR
CP 112	1541993.26	206600.78	730.80	5/8" REBAR
CP 113	1541773.08	206450.72	729.36	5/8" REBAR
CP 114	1541576.78	206316.29	730.54	5/8" REBAR
CP 115	1541434.07	206282.15	730.91	5/8" REBAR
CP 116	1535433.96	211581.76	734.34	5/8" REBAR
CP 117	1535900.11	211510.29	732.33	5/8" REBAR
CP 118	1536613.86	211564.90	732.44	5/8" REBAR
CP 119	1537235.24	211623.55	729.38	5/8" REBAR
CP 120	1537675.30	211610.90	726.84	5/8" REBAR
CP 121	1539312.45	207301.69	730.81	5/8" REBAR
CP 122	1539270.84	207912.08	727.18	5/8" REBAR
CP 123	1539217.36	208848.20	726.36	5/8" REBAR

DRAWING INDEX

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING
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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

LOCATION PLAN AND INDEX

SHEET NO. **02**

TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-GS.dwg | Layout: 1G2 | Plotted: 08/18/25 @ 12:34:13 | LastSavedBy: MichelleE

EXISTING FEATURES LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
BM	BENCH MARK	DB	CISTERN		EASEMENT - CONSTRUCTION/PERMANENT
TBM	TEMPORARY BENCH MARK	E/M	ELECTRIC METER		LOT BOUNDARY
SB 01	SOIL BORING LOCATION	AC	AIR CONDITIONING UNIT	PL	PROPERTY BOUNDARY
	SECTION CORNER	XXX	UTILITY RISER (DEFINED BY UTILITY)		RIGHT-OF-WAY - TEMPORARY/PERMANENT
	DRILL HOLE IN CONCRETE/HARRISON MONUMENT	XXX	UTILITY PEDESTAL (DEFINED BY UTILITY)		SECTION BOUNDARY
CP	CONTROL POINT (SET/FOUND)		UTILITY MARKER (DEFINED BY UTILITY)		WETLANDS
MG	MAGNETIC NAIL (SET/FOUND)	J	JOINT POWER/TELEPHONE POLE	849	CONTOUR - INTERMEDIATE ELEVATION
BS	BOAT SPIKE (SET/FOUND)	L	LIGHT POLE	850	CONTOUR - INDEX ELEVATION
PK	PK NAIL (SET/FOUND)	P	LIGHT ON POWER POLE	OHE OHE	OVERHEAD ELECTRIC
RS	RAILROAD SPIKE (SET/FOUND)	J	LIGHT ON JOINT POLE	OHC OHC	OVERHEAD CABLE TV
R/W	R/W MARKER - CONCRETE/GRANITE/STONE	P	POWER POLE	OHT OHT	OVERHEAD TELEPHONE
	IRON PIPE/IRON PIN/REBAR (WITH DIAMETER)	T	TELEPHONE POLE	UGC UGC	UNDERGROUND CABLE TV
BP	BRASS PLUG		LAMP POST	UGE UGE	UNDERGROUND ELECTRIC
C	CABLE TV MANHOLE		GUY ANCHOR	UGF UGF	UNDERGROUND FIBER OPTIC
E	ELECTRIC MANHOLE		GUY POLE OR STUB	G G G	GAS MAIN
G	GAS MANHOLE		CONTROLLER CABINET	DG DG	DIGESTER GAS
O	OTHER MANHOLE	FP	FLAG POLE	P P P	PETROLEUM MAIN
T	TELEPHONE MANHOLE		POST	UGT UGT	UNDERGROUND TELEPHONE
TEL	TELEPHONE VAULT		GROUND LIGHT	W W W	WATER MAIN
I	TRAFFIC MANHOLE	M	MAILBOX	W W W	WATER SERVICE
H	TRAFFIC HANDHOLE	M M	DOUBLE/MULTIPLE MAILBOX	FM FM	FORCEMAIN
W	WATER MANHOLE		MAST ARM POLE		GRAVITY SEWER PIPE
A	AIR RELEASE VALVE		TRAFFIC SIGNAL STRAIN POLE		PLANT CHLORINE PIPE
S	SANITARY SEWER MANHOLE		SIGNAL LOOP DETECTOR BOX		TOP OF BANK/TOE OF SLOPE
D	DRAINAGE/STORM SEWER MANHOLE		SIGNAL LOOP DETECTOR LOOP		CENTERLINE OF DITCH/SWALE/STREAM
CO	SANITARY SEWER CLEANOUT		SIGN - SINGLE POST	X X X X X X X X	FENCE - FIELD
ST	SEPTIC TANK		SIGN - DOUBLE POST	O O O O O O O O	FENCE - METAL
V	VALVE VAULT		SIGN - RAILROAD SIGNAL	B B B B B B B B	FENCE - WOOD
	BEEHIVE INLET		SIGN - RAILROAD CROSSING		GUARDRAIL
	CURB INLET		BUSH		STREAM
	DROP INLET		STUMP		TREE/BRUSH LINE
	CATCH BASIN		TREE - CONIFEROUS		
DS	DOWNSPOUT		TREE - DECIDUOUS		
GM	GAS METER		ROCK OUTCROP		
GV	GAS VALVE	A	SATELLITE		
GSO	GAS SERVICE VALVE	SPH	SPRINKLER CONTROL VALVE		
PV	PETROLEUM VALVE	WM	WATER METER		
PSO	PETROLEUM SHUTOFF VALVE	WV	WATER VALVE		
MW	GAS STATION MONITORING WELL	WSO	WATER SERVICE VALVE		
FC	GAS STATION FILL CAP	W	WATER WELL		
GW	NATURAL GAS WELL/STORAGE WELL	WW	WET W		
SP	SPRINKLER HEAD		FIRE HYDRANT		
	YARD HYDRANT		PRESS VALVE		

*NOTE: THIS TABLE IS A LISTING OF TYPICAL EXISTING SYMBOLS AND MAY NOT INCLUDE ALL EXISTING SYMBOLS FOUND WITHIN THIS PLAN SET. IF A QUESTION ARISES ON THE MEANING OF ANY SYMBOL NOT LISTED IN THIS TABLE, PLEASE CONTACT THE ENGINEER FOR CLARIFICATION. THE SYMBOLS ARE NOT TO SCALE.

TABLE OF ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	INSTR	INSTRUMENT
ALUM	ALUMINUM	INV	INVERT
APP	APPARENT	IPS	IRON PIPE SIZE
APPROX	APPROXIMATE(LY)	ISPC	INDIANA STATE PLANE COORDINATE
ASPH	ASPHALT	LB	POUND(S)
ASSOC	ASSOCIATES	LF	LINEAR FEET
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	LN	LANE
AVE	AVENUE	LS	LIFT STATION
AVG	AVERAGE	MA EX	MATCH EXISTING
BLDG	BUILDING	MJ	MECHANICAL JOINT
BLVD	BOULEVARD	MATL	MATERIAL
BM	BENCHMARK	MAX	MAXIMUM
CO	CLEANOUT	MH	MANHOLE
CI	CAST IRON	MIN	MINIMUM
CL	CENTER LINE	MISC	MISCELLANEOUS
CMA	COLD MIX ASPHALT	N	NORTHING, NORTH
CMP	CORRUGATED METAL PIPE	NGS	NATIONAL GEODETIC SURVEY
CMU	CONCRETE MASONRY UNIT	NO.	NUMBER
CONC	CONCRETE	OC	ON CENTER
CONT	CONTINUOUS	OD	OUTSIDE DIAMETER
CNR	CORNER	PC	POINT OF CURVE (BEGIN CURVE)
CP	CONTROL POINT	POLY	POLYETHYLENE
CPP	CORRUGATED PLASTIC PIPE	PI	POINT OF INTERSECTION
CR STN	CRUSHED STONE	POT	POINT ON TANGENT
CYD	CUBIC YARD	PT	POINT OF TANGENCY (END CURVE)
D	DEPTH	PSI	POUNDS PER SQUARE INCH
DI	DUCTILE IRON	PT	POINT
DI MJ	DUCTILE IRON MECHANICAL JOINT	PVC	POLYVINYL CHLORIDE
DBL	DOUBLE	R	RADIUS
DIA	DIAMETER	ROW	RIGHT-OF-WAY
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DIPS	DUCTILE IRON PIPE SIZE	RD	ROAD
DR	DRIVE	S	SOUTH
E	EASTING, EAST	SR	STATE ROUTE
EF	EACH FACE	SST	STAINLESS STEEL
EW	EACH WAY	SVA	SERVICE VALVE ASSEMBLY
EA	EACH	SB	SOIL BORING
EJ	EAGLE PICHER IRON WORKS	SCHED	SCHEDULE
EL	ELEVATION	SDR	STANDARD DIMENSION RATIO
EX	EXISTING	SECT	SECTION
EXP	EXPANSION	SF	SQUARE FEET
F&C	FRAME AND COVER	SHT	SHEET
FFE	FINISH FLOOR ELEVATION	SPECS	SPECIFICATION(S)
FG	FINISHED GRADE ELEVATION	SQ	SQUARE
FM	FORCE MAIN	SRF	STATE REVOLVING FUND
FND	FOUND	ST	STREET
FT	FEET	STA	STATION
FTG	FOOTING	SYD	SQUARE YARD
GALV	GALVANIZED	TBM	TEMPORARY BENCHMARK
GPS	GLOBAL POSITIONING SYSTEM	TC	TOP OF CASTING
HMA	HOT MIX ASPHALT	TYP	TYPICAL
HDPE	HIGH DENSITY POLYETHYLENE	USGS	US GEOLOGICAL SURVEY
HORIZ	HORIZONTAL	VERT	VERTICAL
ID	INSIDE DIAMETER	VLV	VALVE
IE	INVERT ELEVATION	W	WIDTH, WEST
INC	INCORPORATED	WSE	WATER SURFACE ELEVATION
INDOT	INDIANA DEPARTMENT OF TRANSPORTATION	YR	YEAR

*NOTE: THIS TABLE IS A LISTING OF TYPICAL ABBREVIATIONS AND MAY NOT INCLUDE ALL ABBREVIATIONS FOUND WITHIN THIS PLAN SET. IF A QUESTION ARISES ON THE MEANING OF AN ABBREVIATION NOT LISTED IN THIS TABLE, PLEASE CONTACT THE ENGINEER FOR CLARIFICATION.

GENERAL NOTES:

1. NOTIFY THE ENGINEER IF ANY CONFLICTING INFORMATION BECOMES APPARENT IN THE CONTRACT DOCUMENTS AS SOON AS POSSIBLE AND PRIOR TO THE COMMENCEMENT OF ANY WORK IN THE VICINITY OF OR RELATIVE TO THE APPARENT CONFLICT SO THAT CLARIFICATION MAY OCCUR PRIOR TO CONSTRUCTION.
2. ANY ALTERATIONS TO THESE DRAWINGS NOT AUTHORIZED BY WESSLER ENGINEERING AND NOT IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS AND RECORDS ON FILE AT WESSLER ENGINEERING SHALL RELIEVE WESSLER ENGINEERING OF ANY RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS.
3. USE CAUTION DURING THE EXECUTION OF WORK TO PREVENT DAMAGE TO STATE, COUNTY, MUNICIPAL, AND PRIVATE PROPERTY. REPAIR ALL DAMAGES AS A RESULT OF OPERATIONS, INCLUDING DAMAGE TO DRAINAGE STRUCTURES, FIELD TILES, PUBLIC/PRIVATE ROADS, AND LANDSCAPING (INCLUDING FENCING). REPAIR AND REPLACE DAMAGED ITEMS AT NO ADDITIONAL COST TO THE OWNER. PERFORM ALL REPAIR AND REPLACEMENT WORK TO THE SATISFACTION OF THE PERMITTING AGENCY, THE OWNER AND THE ENGINEER.
4. TAKE CARE TO AVOID DAMAGE TO PAVED AREAS WHICH ARE NOT SPECIFICALLY CALLED OUT FOR REPAIR OR REPLACEMENT. REPAIR, OR REPLACE ALL SUCH PAVEMENTS WHICH ARE DAMAGED BY CONSTRUCTION ACTIVITIES AND CONSTRUCTION TRAFFIC AT NO ADDITIONAL COST TO THE OWNER.
5. OBTAIN ALL TEMPORARY EASEMENTS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
6. COMPLY WITH ALL APPLICABLE PERMITS AND REGULATIONS. APPLICABLE PERMITS ISSUED TO THE OWNER WILL BE MADE AVAILABLE TO THE CONTRACTOR. CONTACT ALL APPLICABLE PERMITTING AGENCIES WITHIN THE TIME PERIOD SPECIFIED BY THAT AGENCY PRIOR TO BEGINNING CONSTRUCTION.
7. ALL PRIVATE WELL LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. FIELD VERIFY AND DETERMINE EXACT LOCATIONS OF ALL PRIVATE WELLS IN THE PROJECT AREA.
8. ALL EXISTING AND NEW UTILITY INFORMATION, INCLUDING BUT NOT LIMITED TO LOCATION, SIZE AND INVERT ELEVATION, IS SHOWN BASED UPON AVAILABLE INFORMATION. THE ENGINEER DOES NOT GUARANTEE OR ASSUME SUCH INFORMATION TO BE TRUE, ACCURATE, ALL INCLUSIVE OR EVEN APPROXIMATE. CONTACT THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE (IUPPS) AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY. CONTACT NON-MEMBER UTILITIES DIRECTLY.
9. DETERMINE WHICH UTILITIES MAY CONFLICT WITH WORK AND VERIFY THEIR LOCATION, SIZE AND ELEVATION PRIOR TO CONSTRUCTION AND DETERMINE IF THERE ARE ANY DISCREPANCIES OR CONFLICTS. IF ANY DISCREPANCIES OR CONFLICTS ARE DISCOVERED, NOTIFY THE ENGINEER AS SOON AS POSSIBLE.
10. EXISTING UTILITY SERVICE LINES TO INDIVIDUAL CUSTOMERS MAY NOT BE SHOWN ON THE DRAWINGS. ASSUME THAT UNDERGROUND SERVICE LINES FOR ALL UTILITIES EXIST TO EACH PROPERTY ALONG THE ROUTE OF THE PLANNED IMPROVEMENTS.
11. COORDINATE ALL WORK WITH THE RESPECTIVE UTILITIES. SCHEDULE WORK ACCORDINGLY, AND NOTIFY ALL UTILITIES A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY.
12. COORDINATE PLANNED UTILITY SERVICE INTERRUPTIONS WITH THE RESPECTIVE UTILITIES AND THE UTILITIES' AFFECTED CUSTOMERS. SERVICE INTERRUPTIONS SHOULD NOT LAST MORE THAN FOUR (4) HOURS. GIVE WRITTEN NOTICE TO ALL AFFECTED UTILITY CUSTOMERS AND PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS BUT NOT MORE THAN SEVENTY-TWO (72) HOURS PRIOR TO ANY PLANNED INTERRUPTION OF UTILITY SERVICE.
13. USE CAUTION DURING THE EXECUTION OF WORK TO PREVENT DAMAGE TO EXISTING UTILITIES. REPAIR OR REPLACE ALL PUBLIC AND PRIVATE FACILITIES DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS.
14. BRACE AND PROTECT ALL UTILITY POLES AND EXISTING STRUCTURES ADJACENT TO NEW EXCAVATIONS. UTILITY POLE BRACING SHALL BE AS DIRECTED BY THE GOVERNING UTILITY.
15. MAINTAIN EXISTING STORMWATER DRAINAGE FOR THE ENTIRE DURATION OF THE PROJECT.
16. DO NOT DISTURB EXISTING MANHOLES OR INLETS, UNLESS NOTED OTHERWISE.
17. ALL EQUIPMENT, APPURTENANCES AND PIPING REMOVED AS PART OF THE DEMOLITION SHALL FIRST BE OFFERED TO THE OWNER FOR SALVAGE. DELIVER SALVAGED ITEMS SELECTED BY OWNER TO A LOCATION DESIGNATED BY THE OWNER OR ENGINEER. IN THE EVENT THE OWNER DOES NOT ELECT TO KEEP THE REMOVED ITEMS, REMOVE SUCH ITEMS FROM THE SITE AND DISPOSE OF AT A LOCATION APPROVED FOR SUCH DISPOSAL AT THE CONTRACTOR'S EXPENSE.
18. COORDINATE STAGING AREA LOCATIONS WITH THE OWNER.
19. ALL CONSTRUCTION TRAFFIC SHALL USE MAJOR ROADS. NO CONSTRUCTION TRAFFIC SHALL USE LOCAL STREETS FOR INDIRECT ACCESS.
20. TO CONTROL DUST, REMOVE SOIL FROM STREETS USED BY CONSTRUCTION TRAFFIC DAILY, VACUUM AND WATER AS NECESSARY AND/OR AS DIRECTED BY THE OWNER.
21. PLACE NEW ASPHALT PAVEMENT FLUSH WITH ADA RAMPS.
22. LENGTHS OF SEWERS AS SHOWN ON THE DRAWINGS AND INDICATED AS LINEAR FEET (LF) ARE FROM CENTER TO CENTER OF STRUCTURES.
23. NORTHING AND EASTING INFORMATION IS GIVEN AT CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
24. PLACE NO. 8 CRUSHED AGGREGATE BETWEEN PIPES AT ALL PIPE CROSSINGS TO PREVENT PIPE SETTLEMENT UNLESS SHOWN OTHERWISE.
25. VERIFY EXISTING SEWER INVERTS AND LOCATIONS PRIOR TO CONSTRUCTION AND DETERMINE IF THERE ARE ANY DISCREPANCIES OR CONFLICTS.
26. ADJUST SEWER LATERALS AS NECESSARY TO AVOID CONFLICTS. LATERALS THAT REQUIRE FIELD ADJUSTMENT SHALL BE LAID AT THE MINIMUM SLOPE AS SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS.
27. INSTALL SEWER SERVICE LATERALS TO THE RIGHT-OF-WAY OR EDGE OF EASEMENT. ALL SANITARY SEWER PIPE, INCLUDING GRAVITY SEWERS, LATERAL WYES AND SERVICE LATERAL PIPE LOCATED WITHIN 50 FEET OF PRIVATE WELLS SHALL BE SDR 21 PVC WATER GRADE PRESSURE PIPE UNLESS SPECIFICALLY INDICATED OTHERWISE. ALL SANITARY SEWER PIPE, INCLUDING GRAVITY SEWERS, LATERAL WYES AND SERVICE LATERAL PIPE NOT LOCATED WITHIN 50 FEET OF PRIVATE WELLS SHALL BE SDR 35 PVC SEWER GRADE PIPE, UNLESS SPECIFICALLY INDICATED OTHERWISE.
28. RESET ALL MAILBOXES AND SIGNS DISTURBED BY CONSTRUCTION ACTIVITIES.
29. IF REQUIRED, PLACE TEMPORARY OVERNIGHT AGGREGATE WEDGES AT DRIVEWAYS TO ALLOW PROPERTY OWNER ACCESS.
30. BACKFILL OF TRENCHES WITHIN PUBLIC RIGHT OF WAY SHALL BE FLOWABLE FILL. ROAD CUT REPAIRS SHALL BE ACCORDANCE WITH FRANKLIN ORDINANCE 2023-14(OR ANY ORDINANCE ENACTED TO REPLACE 2023-14).
31. A RADIUS OF 200 FEET WAS CHECKED ALONG THE PROPOSED SEWER ROUTE AND LIFT STATION LOCATION AND NO PUBLIC WATER WELLS WERE NOTED, EXCEPT AS NOTED ON SHEET NO. 38
32. STRIP AND STOCKPILE TOPSOIL WITHIN EXCAVATED AREAS. PLACE A MINIMUM OF 12-INCHES OF TOPSOIL IN FARM FIELDS (6-INCHES OUTSIDE OF FARM FIELDS) IN DISTURBED AREAS. ADDITIONAL TOPSOIL, IF REQUIRED, SHALL BE OBTAINED FROM A SOURCE AGREEABLE TO OWNER.
33. REMOVE/REINSTALL OR REPLACE IMPACTED FENCES.
34. MANHOLES LOCATED IN FARMED AREAS SHALL BE BURIED THREE (3) FEET AS MEASURED FROM FINAL GRADE TO TOP OF CASTING AND SHALL BE BOLT-DOWN FRAME AND COVER.
35. ROCKS LARGER THAN 6" SHALL FIRST BE OFFERED TO PROPERTY OWNER OTHERWISE REMOVED FROM SITE.
36. WOOD FROM REMOVED TREES SHALL FIRST BE OFFERED TO PROPERTY OWNER OTHERWISE REMOVED FROM SITE.
37. CONSTRUCTION SHALL NOT RESTRICT ACCESS TO SURROUNDING FARM FIELDS. TRENCH EXCAVATIONS SHALL NOT EXCEED 100 LF AT ANY GIVEN TIME. CONTRACTOR SHALL BE RESPONSIBLE FOR CROP DAMAGES/LOSS OF PRODUCTION IN THE EVENT CONSTRUCTION RESTRICTS ACCESS TO TILLABLE PORTIONS OF GROUND. EASEMENT GRANTORS ARE THIRD-PARTY BENEFICIARIES OF THE ACCESS REQUIREMENTS.
38. IF REQUESTED BY PROPERTY OWNER, ALL TILLABLE PORTIONS OF GROUND DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE DEEP RIPPED OR CHISEL PLOWED (PROPERTY OWNER SHALL DETERMINE) AFTER PLACEMENT OF TOPSOIL.
39. LOCATE ALL FIELD TILE WITHIN CONSTRUCTION LIMITS.
40. NOTIFY ENGINEER, OWNER, AND PROPERTY OWNER IN THE EVENT A DRAINAGE TILE IS DAMAGED BY CONSTRUCTION ACTIVITIES AND REPLACE DAMAGED TILE WITHIN 24 HOURS.
41. REPLACEMENT FIELD TILE SHALL BE THE SAME SIZE AND PERFORATION (PERFORATED OR NON-PERFORATED) AS EXISTING FIELD TILE BEING REPLACED, AND SHALL BE PVC OR HDPE EXCEPT ACROSS PARCEL 11 (HENDERSON PROPERTY, APPROX STA 197+50 TO 204+25) WHERE PROPERTY OWNER SHALL BE RESPONSIBLE FOR REPAIR, REINSTATEMENT, AND/OR REPLACEMENT OF DRAINAGE TILES IMPACTED BY CONSTRUCTION.
42. IF ADDITIONAL ACCESS OUTSIDE OF THE TEMPORARY AND PERMANENT EASEMENTS OBTAINED BY OWNER IS REQUIRED, CONTRACTOR SHALL MAKE AGREEMENTS WITH THE PROPERTY OWNERS AFFECTED FOR SUCH USE OF ADDITIONAL LAND.
43. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES AND SITE RESTORATION WITHIN AND OUTSIDE OF THE EASEMENTS.
44. MOUNDING OF SOIL OVER EXCAVATED AREAS IS ALLOWABLE TO COMPENSATE FOR FUTURE SETTLING AS LONG AS PROPERTY OWNER IS IN AGREEMENT AND MOUNDING DOES NOT IMPACT FARMING OPERATIONS.
45. CONTRACTOR HAS THE OPTION TO INSTALL FORCE MAINS VIA OPEN CUT OR TRENCHLESS UNLESS OTHERWISE NOTED ON DRAWINGS.
46. DEWATERING DISCHARGES MAY NOT OCCUR ONTO TILLABLE PORTIONS OF GROUND.
47. FOR PAVEMENT REPAIR DETAILS AND REQUIREMENTS, SEE ORDINANCE NO. 2023-14, STREET AND UTILITY ORDINANCE, LOCATED IN APPENDIX B OF THE PROJECT MANUAL

Indiana811 Know what's below. Call before you dig.

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING More than a Project™

WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

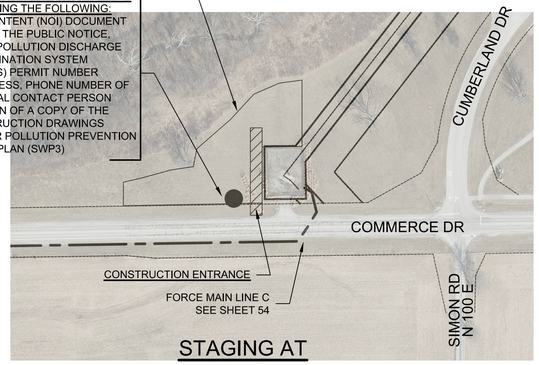
CITY OF FRANKLIN, INDIANA

GENERAL SHEET

SHEET NO. **03**

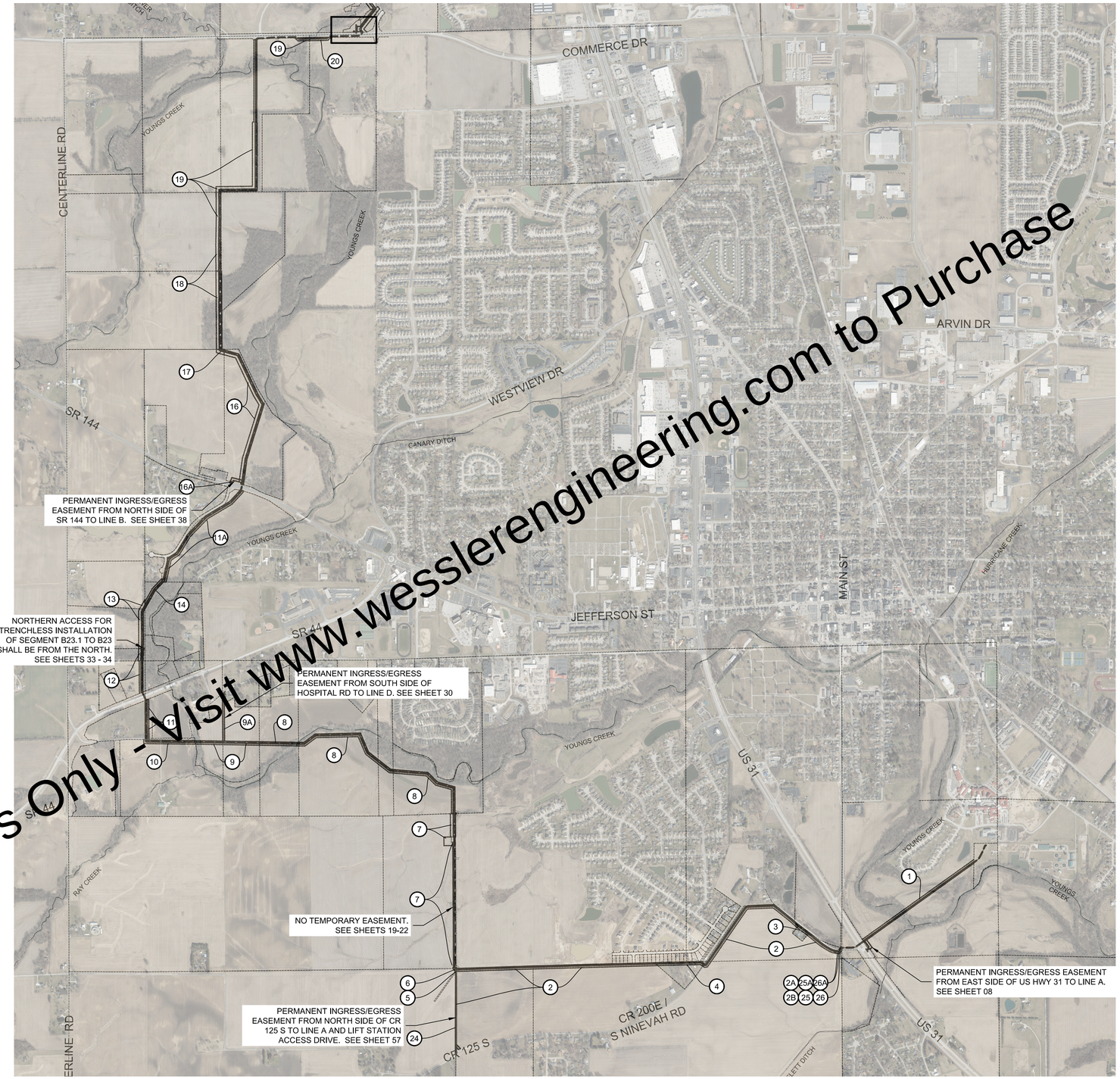
TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-GS.dwg | Layout: 1G3 | Plotted: 08/18/25 @ 12:34:24 | LastSavedBy: MichelleE



STAGING AT COMMERCE DRIVE LIFT STATION

SCALE: NONE



0 500 1000 2000 FT
1"=1000'

GENERAL NOTES

1. ROUTE SURVEY BY NORTHPOINTE ENGINEERING & SURVEYING INC RECORDED AT JOHNSON COUNTY RECORDERS OFFICE, INSTR. #2022-021326, IS REFERENCED BY EASEMENTS SHOWN HEREON AND IS THE BASIS OD NEW SEWER STATIONING.
2. PERMANENT SANITARY SEWER EASEMENTS AND TEMPORARY EASEMENTS OF VARYING WIDTHS COVER ALL NEW SEWERS EXCEPT THOSE IN PUBLIC LANDS SUCH AS RIGHTS-OF-WAY AND CITY-OWNED LANDS, AND AS NOTED.
3. ADDITIONAL ACCESS TO WORK AREAS THROUGH PERMANENT INGRESS/EGRESS EASEMENTS AS SHOWN.

LEGEND

#	PARCEL NUMBER AS REFERENCED ON EASEMENT EXHIBITS RECORDED AT JOHNSON COUNTY RECORDERS OFFICE
----------	PROPERTY LINE OR SECTION LINE
— · · —	CREEK OR DITCH

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	BAS
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

BRENT A. SIEBENTHAL REGISTERED No. 19800332 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

WORK AREA ACCESS OVERVIEW

SHEET NO. **04**

TOTAL SHEETS 70

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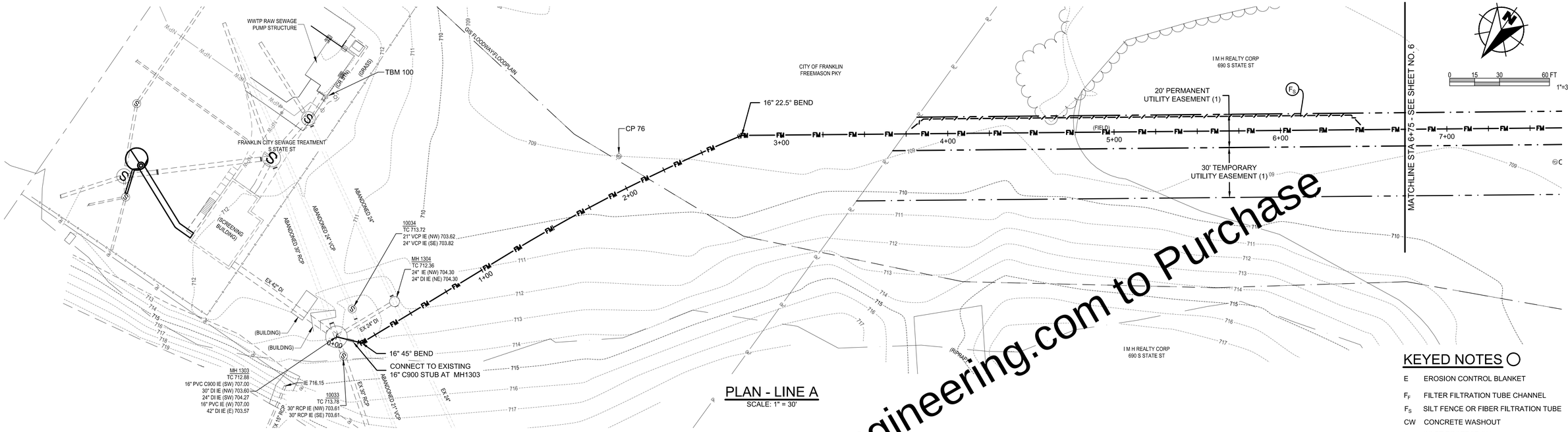
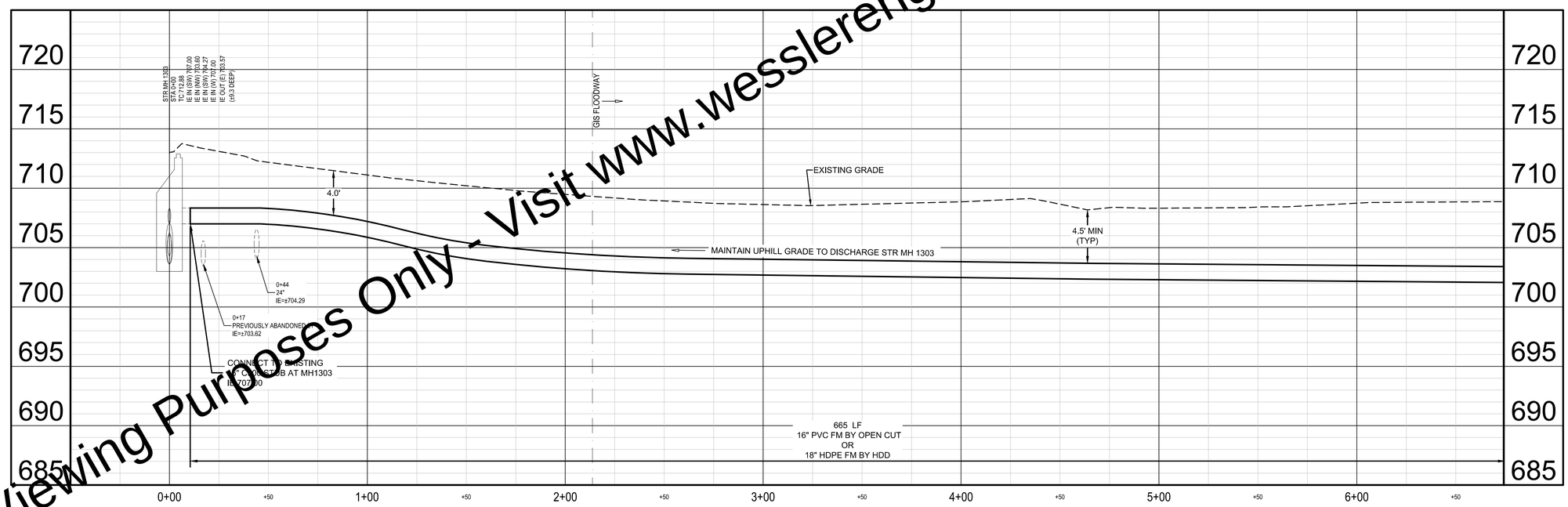


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'

VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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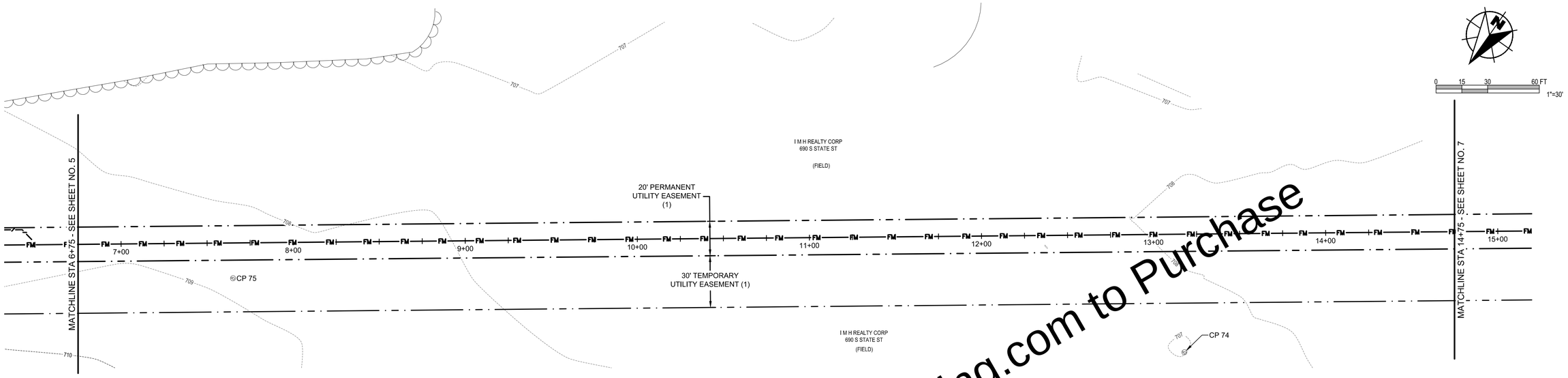
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(0+00 TO 6+75)

SHEET NO. **05**

TOTAL SHEETS 70

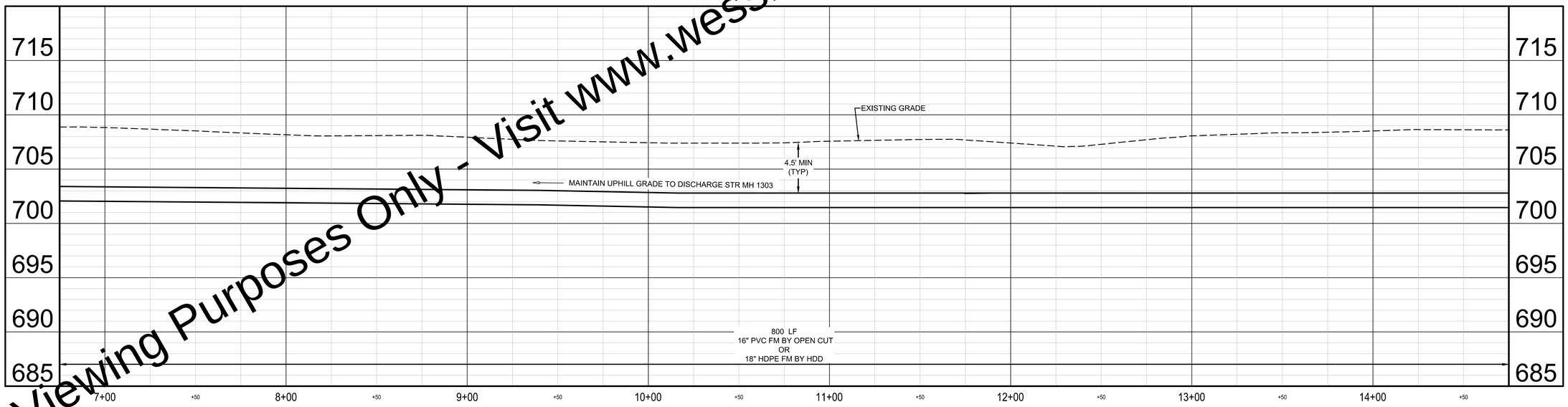


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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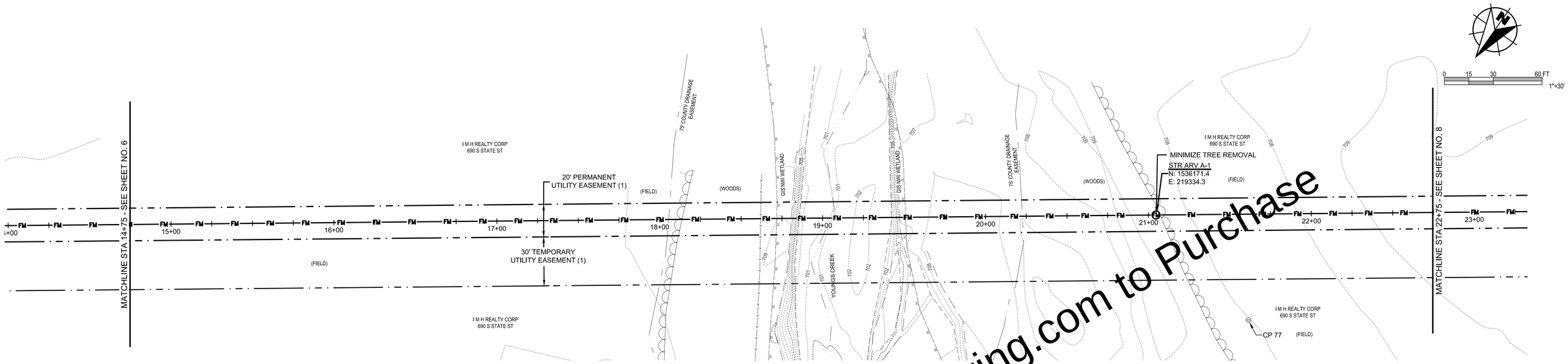
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(6+75 TO 14+75)

SHEET NO. **06**

TOTAL SHEETS 70

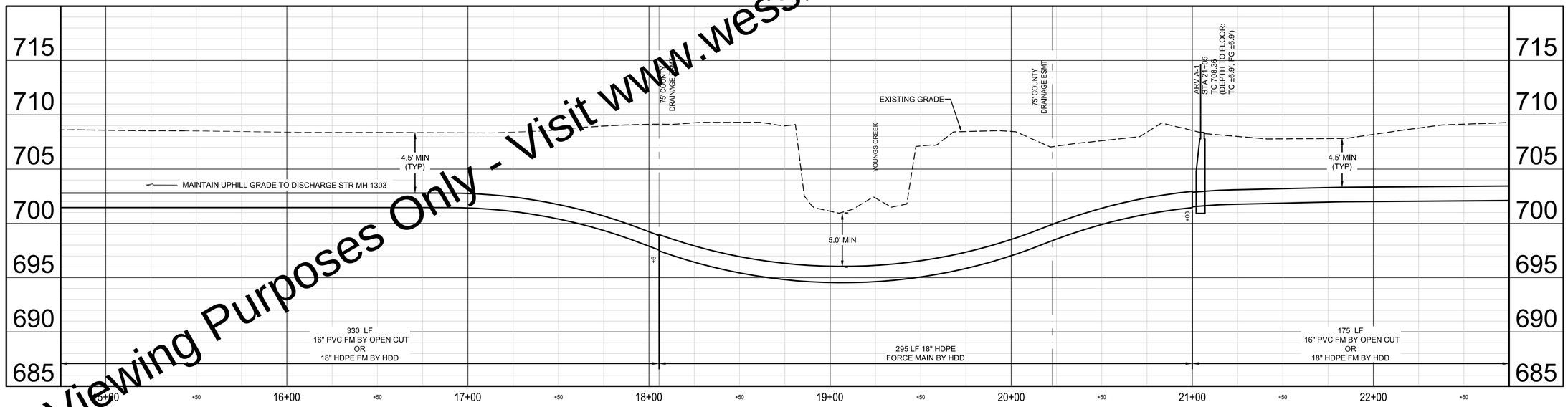


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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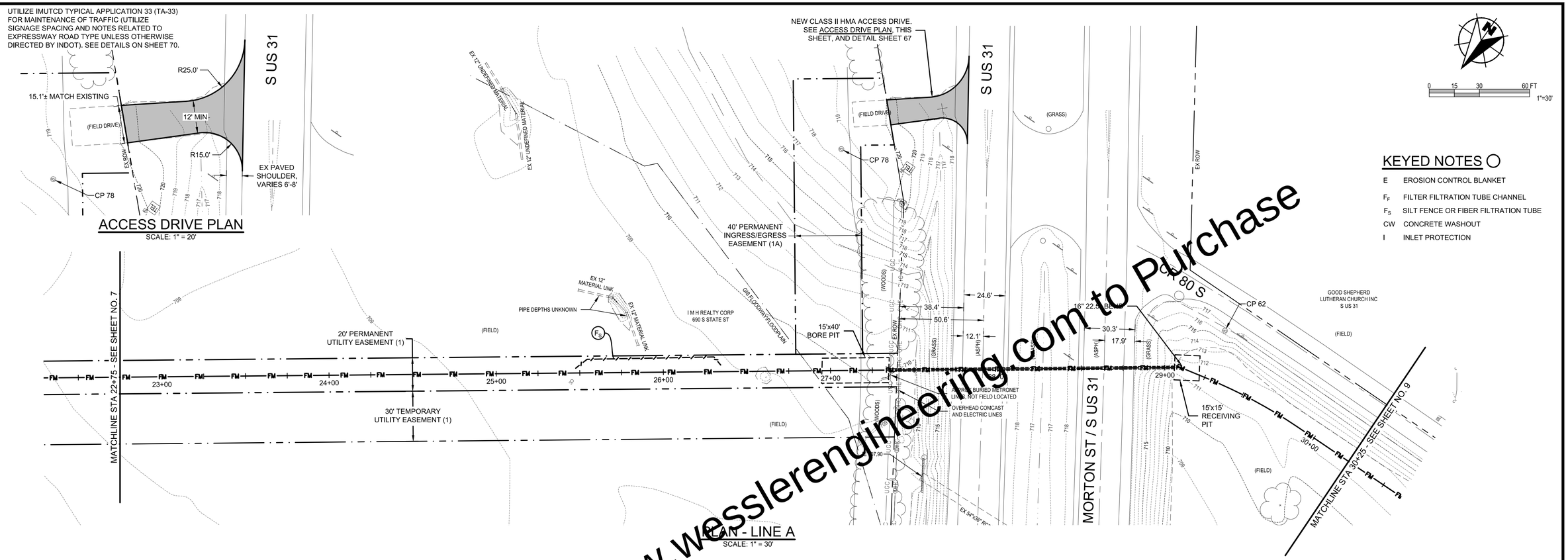
CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(14+75 TO 22+75)

SHEET NO. **07**

TOTAL SHEETS 70

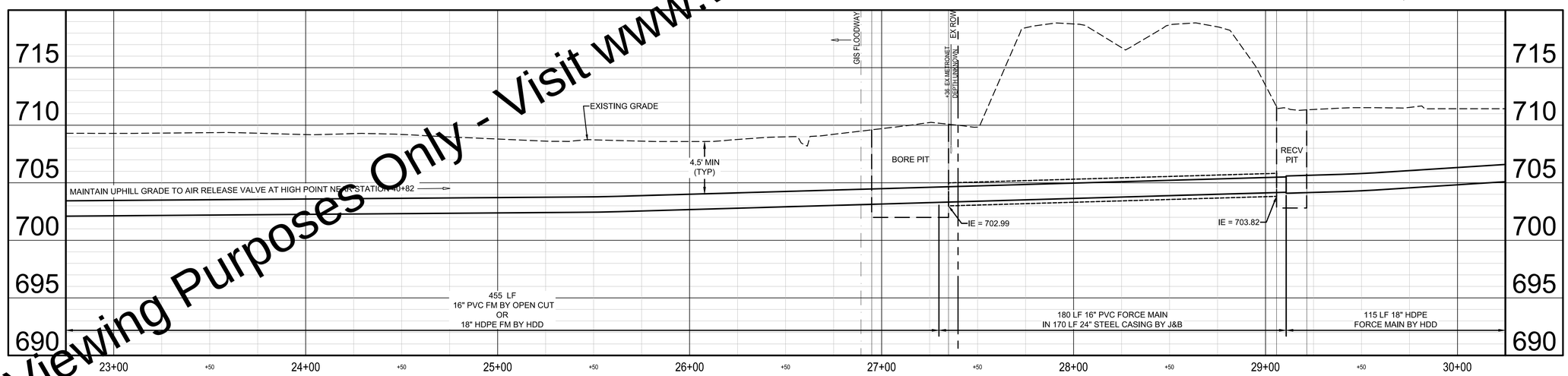
UTILIZE IMUTCD TYPICAL APPLICATION 33 (TA-33) FOR MAINTENANCE OF TRAFFIC (UTILIZE SIGNAGE SPACING AND NOTES RELATED TO EXPRESSWAY ROAD TYPE UNLESS OTHERWISE DIRECTED BY INDOT). SEE DETAILS ON SHEET 70.



PLAN - LINE A
SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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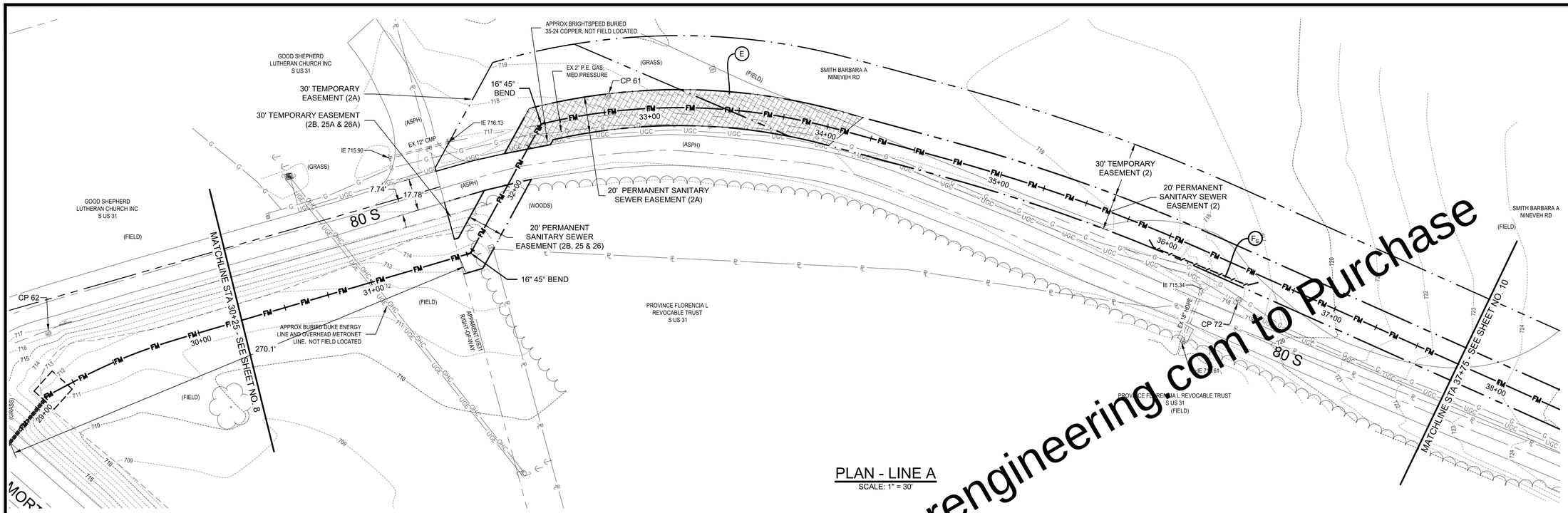
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (22+75 TO 30+25)

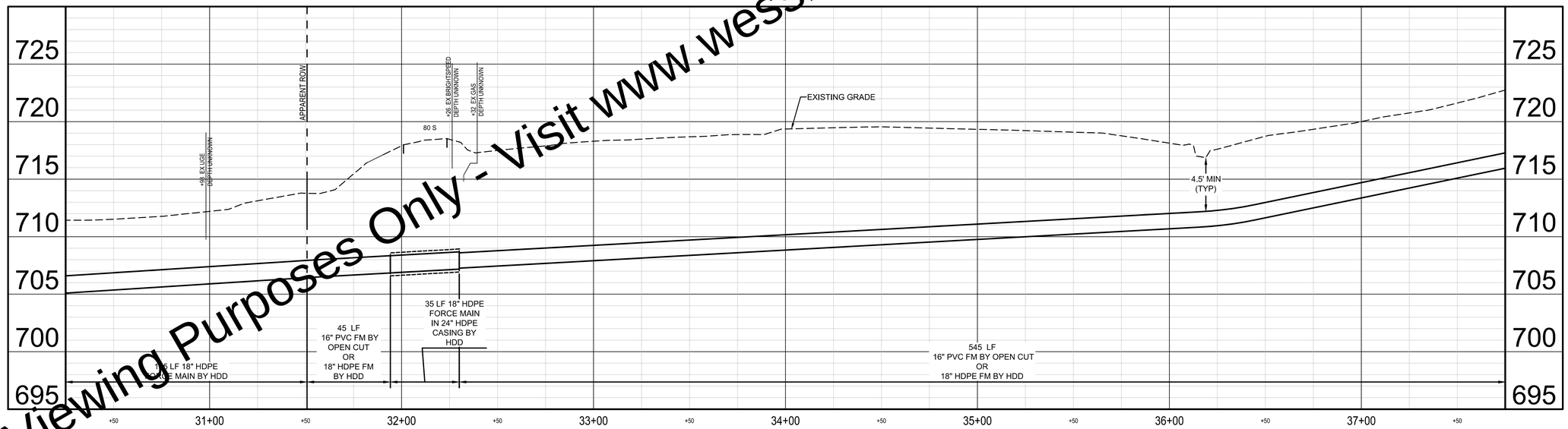
SHEET NO. **08**

TOTAL SHEETS 70



PLAN - LINE A

SCALE: 1" = 30'



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (30+25 TO 37+75)

SHEET NO. **09**

TOTAL SHEETS 70

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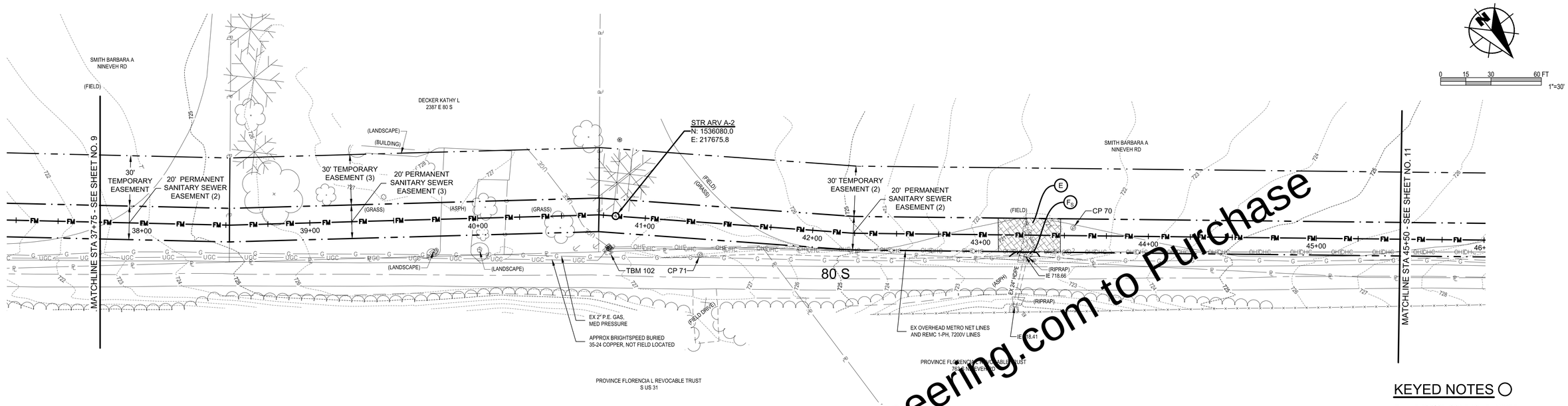
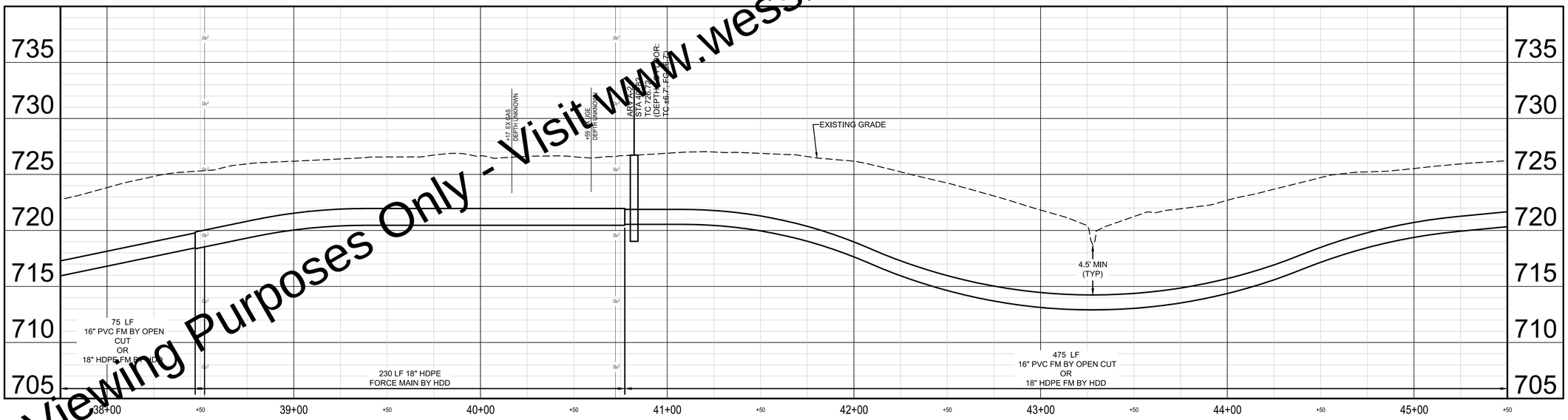


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ				
	APPROVED BY	GLR				
	ISSUE DATE	SEPTEMBER 2025				
	PROJECT NUMBER	231120-04-002				

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING
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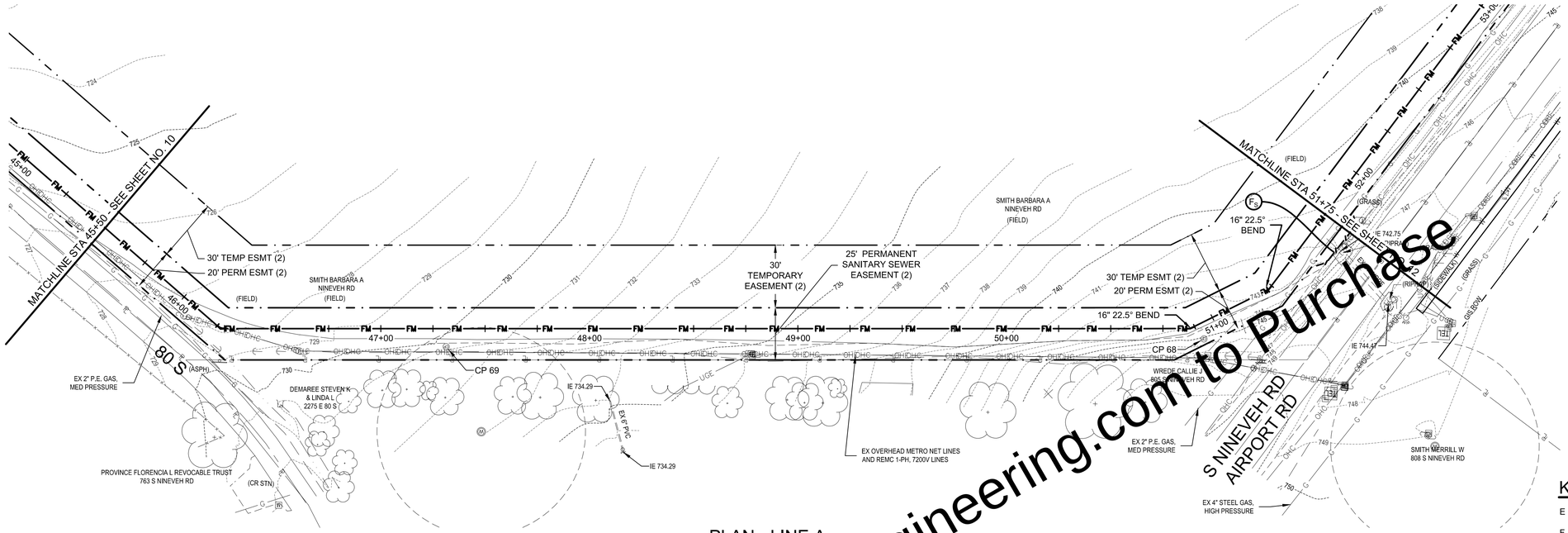
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(37+75 TO 45+50)

SHEET NO. **10**

TOTAL SHEETS 70

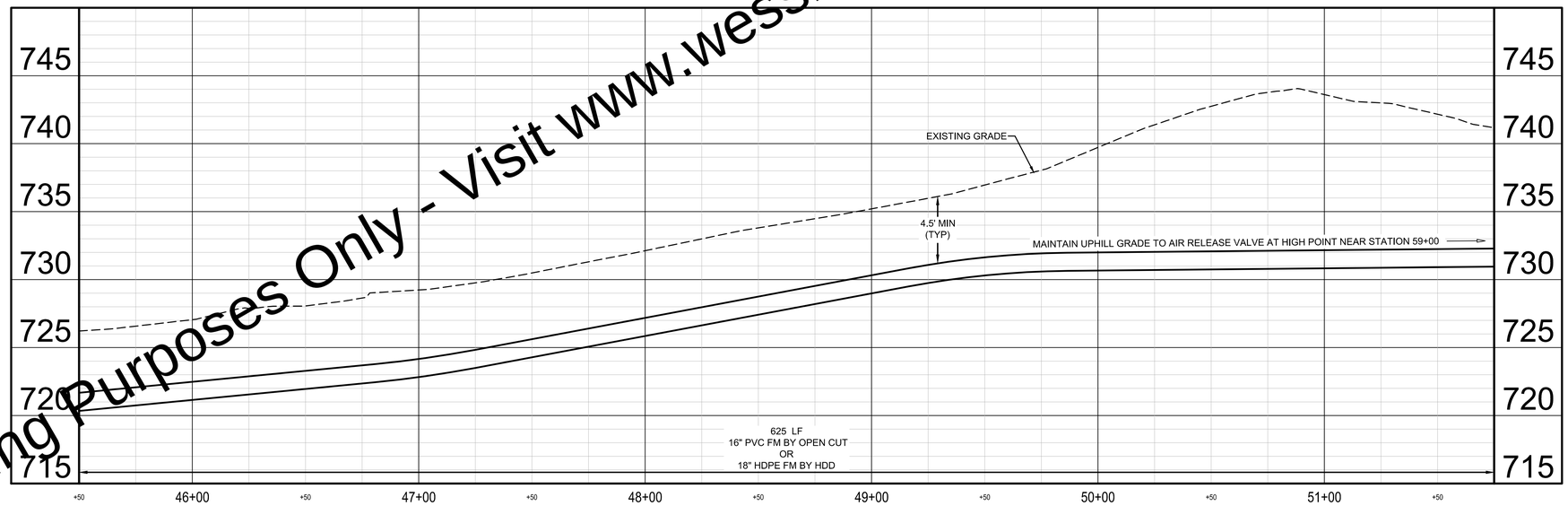


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING
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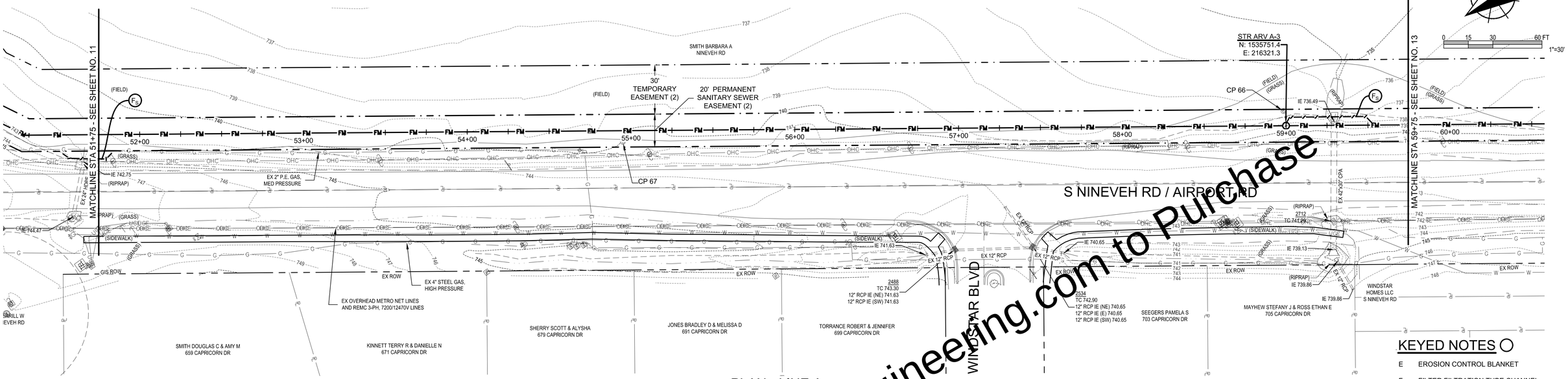
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (45+50 TO 51+75)

SHEET NO. **11**

TOTAL SHEETS 70

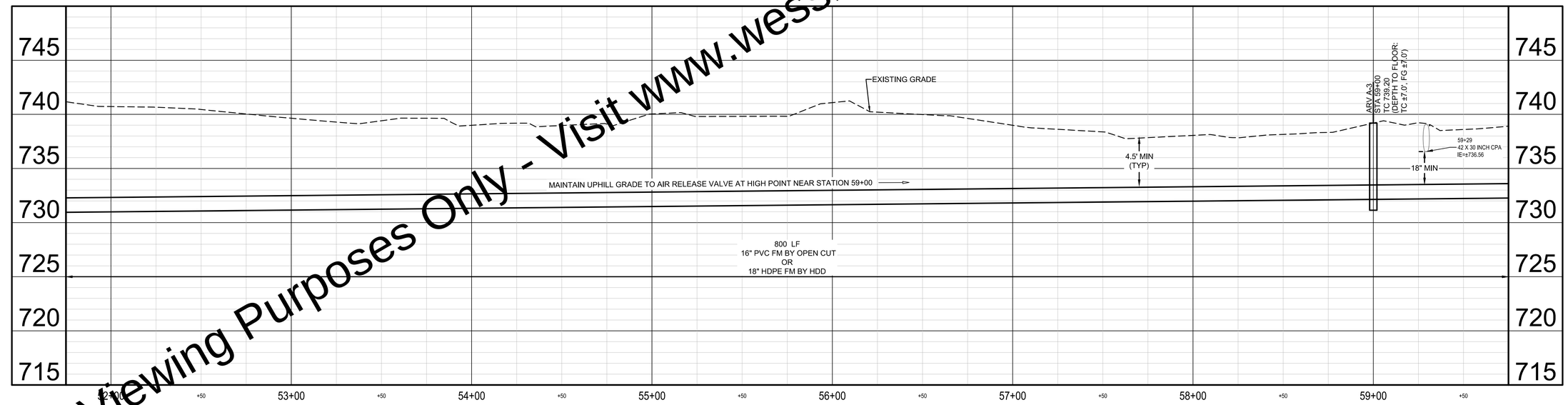


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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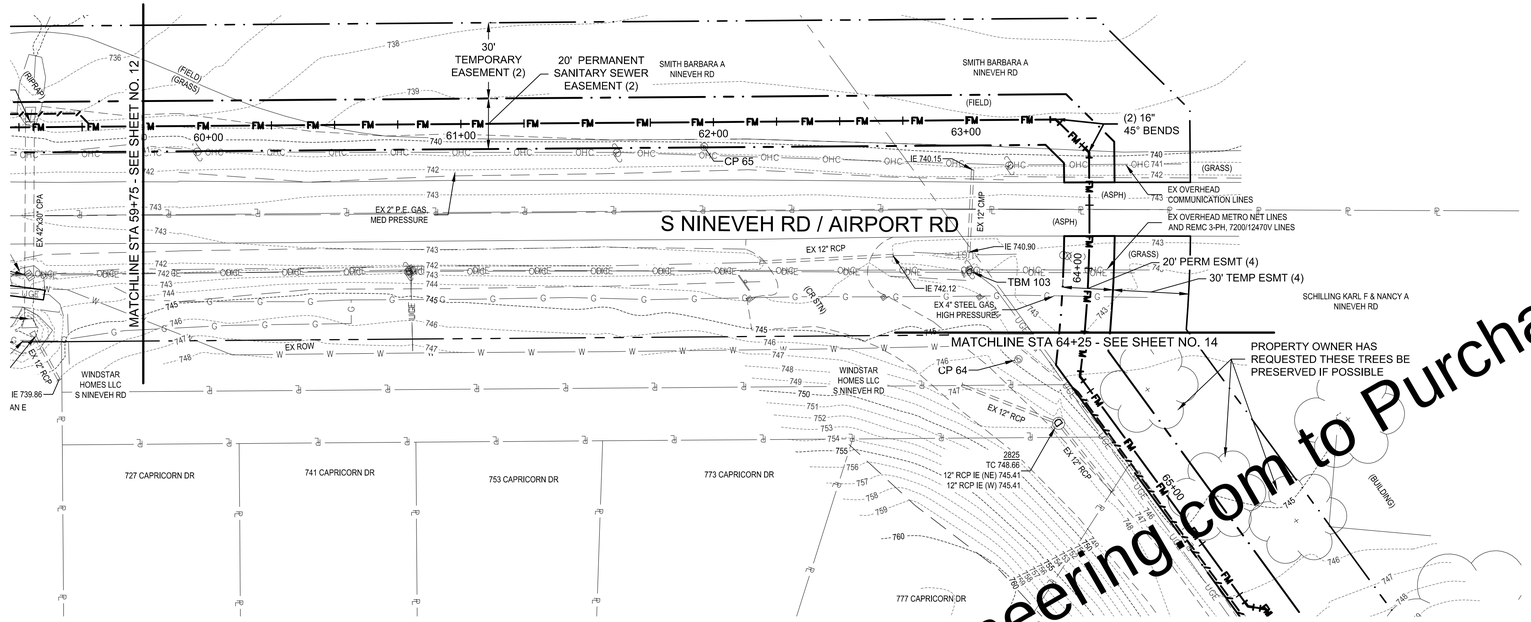
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (51+75 TO 59+75)

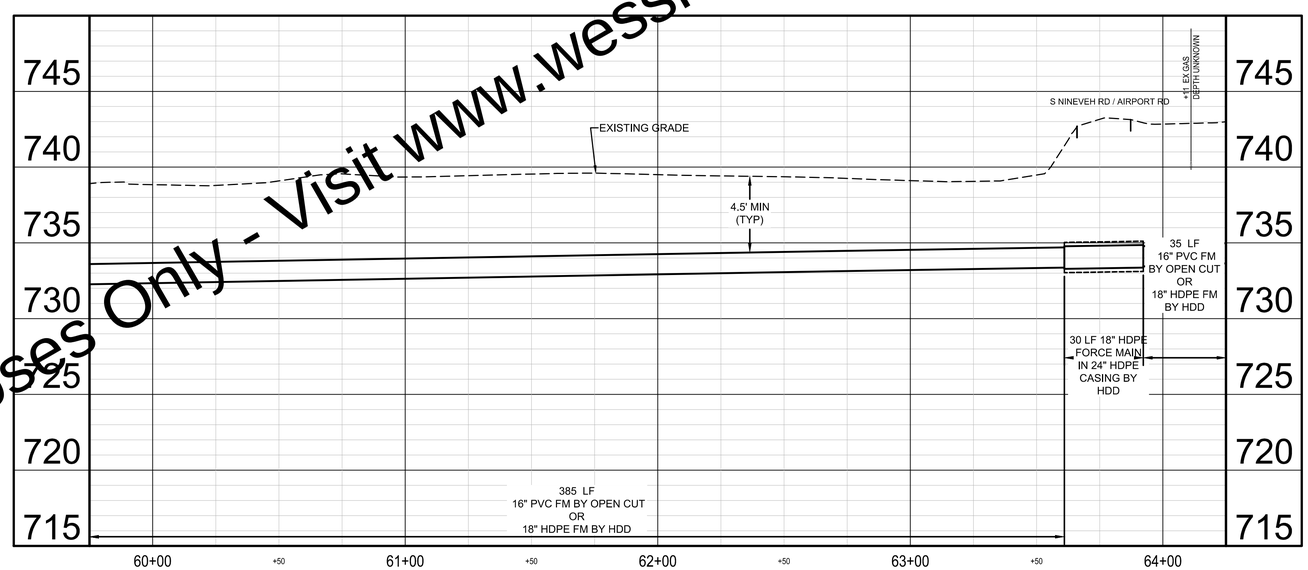
SHEET NO. **12**

TOTAL SHEETS 70



PLAN - LINE A

SCALE: 1" = 30'



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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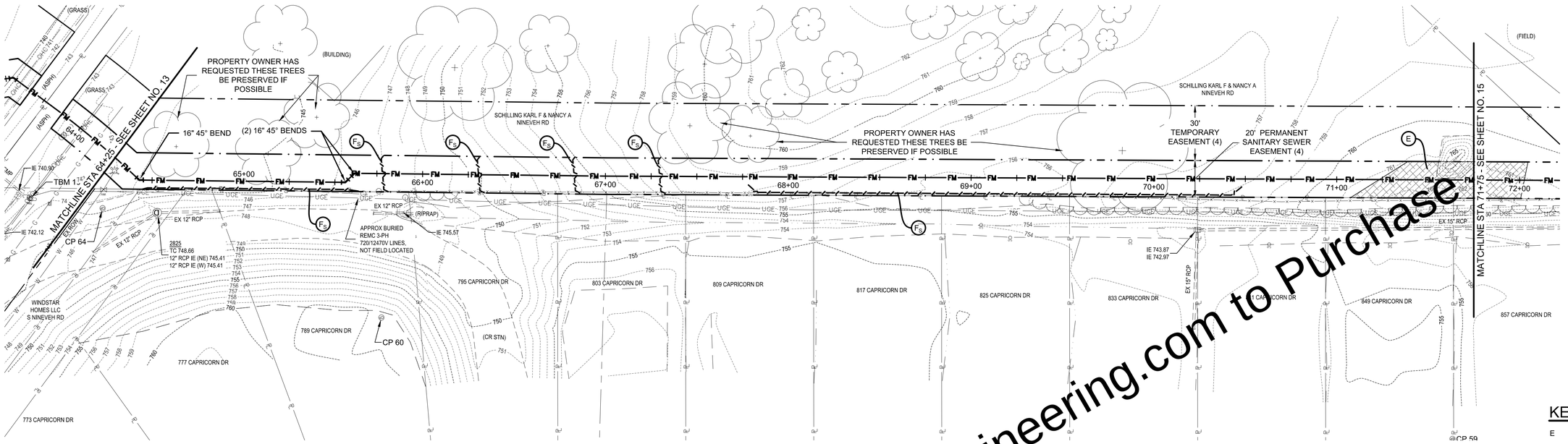
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (59+75 TO 64+25)

SHEET NO. **13**

TOTAL SHEETS 70

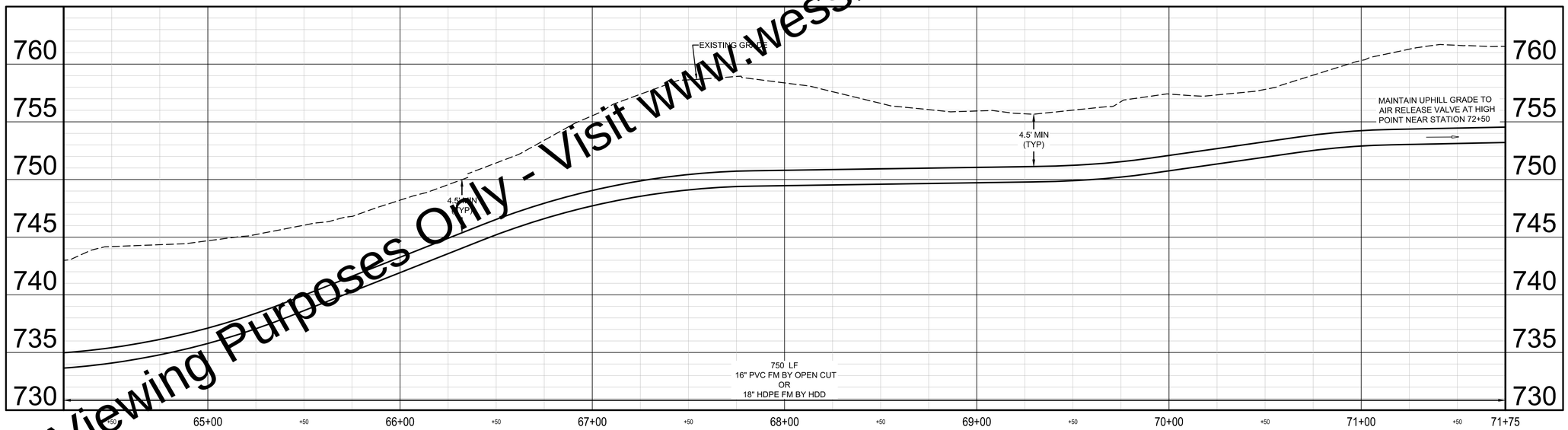


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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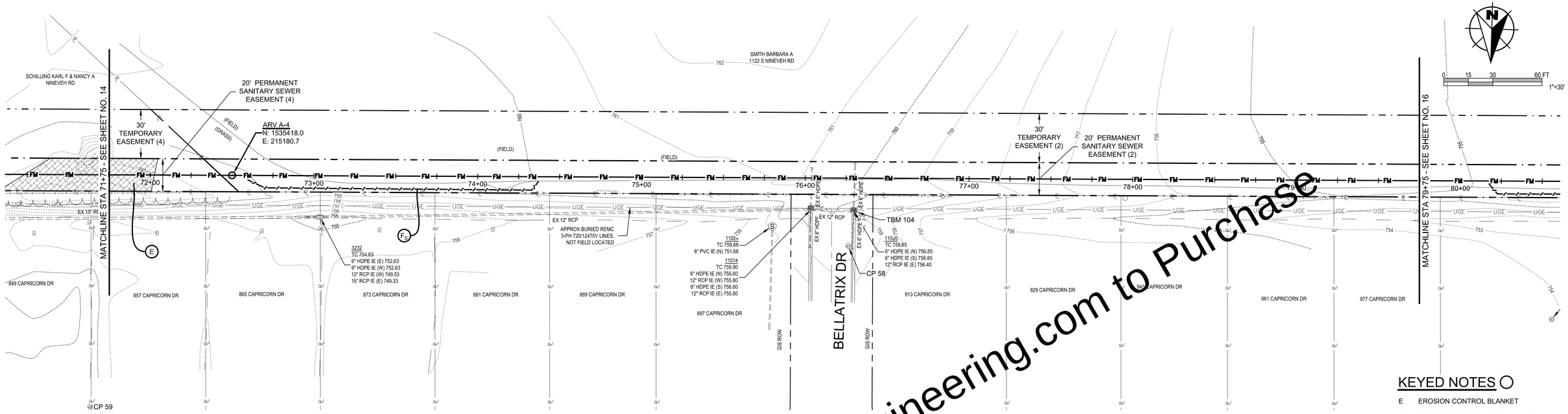
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (64+25 TO 71+75)

SHEET NO. **14**

TOTAL SHEETS 70

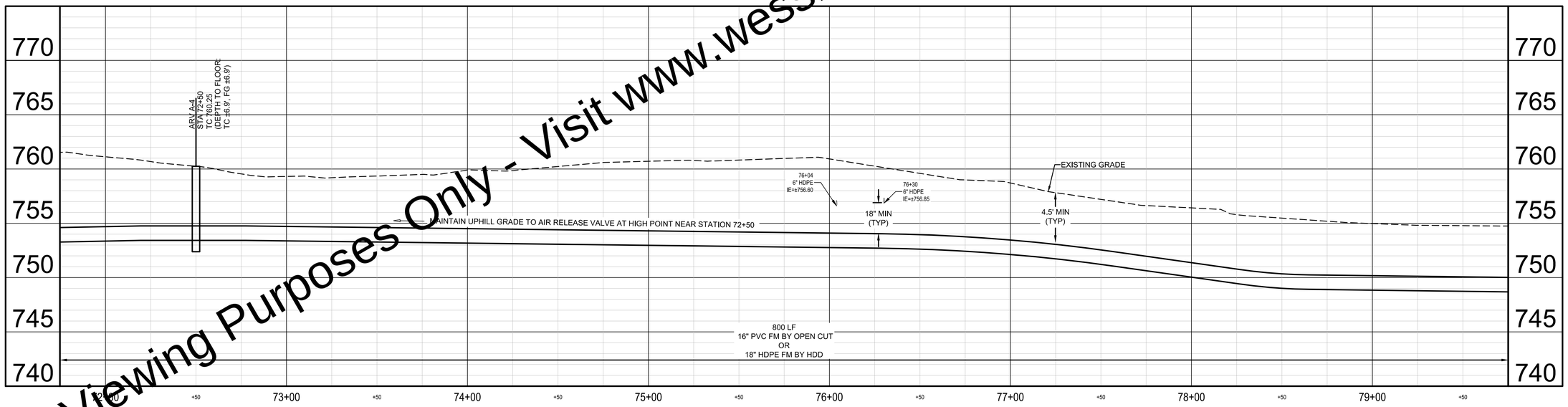


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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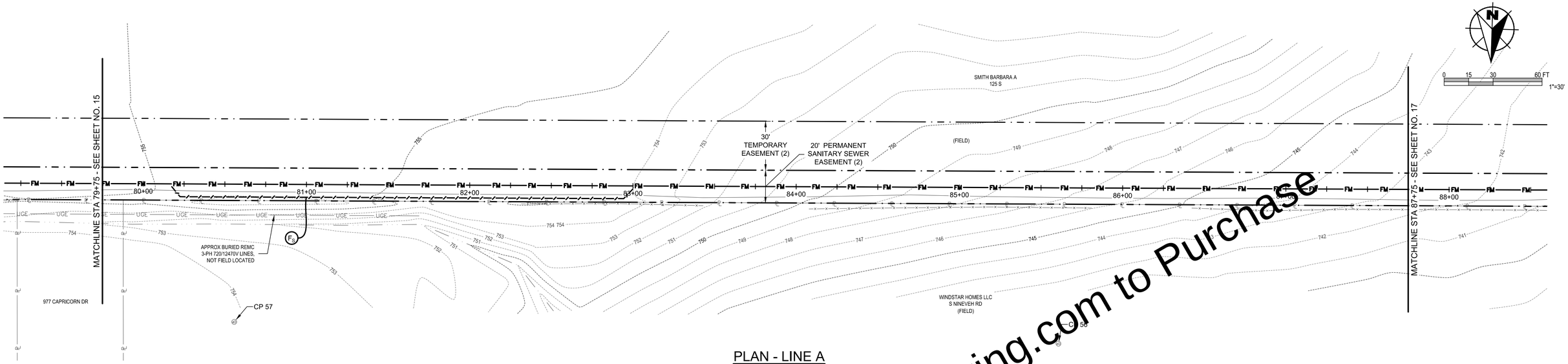
CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(71+75 TO 79+75)

SHEET NO. **15**

TOTAL SHEETS 70

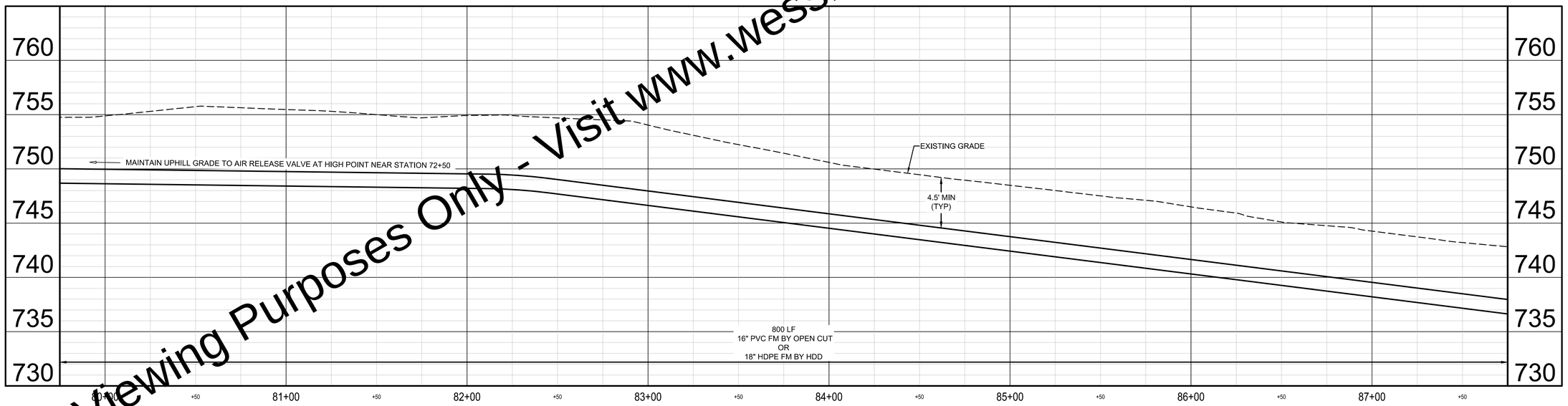


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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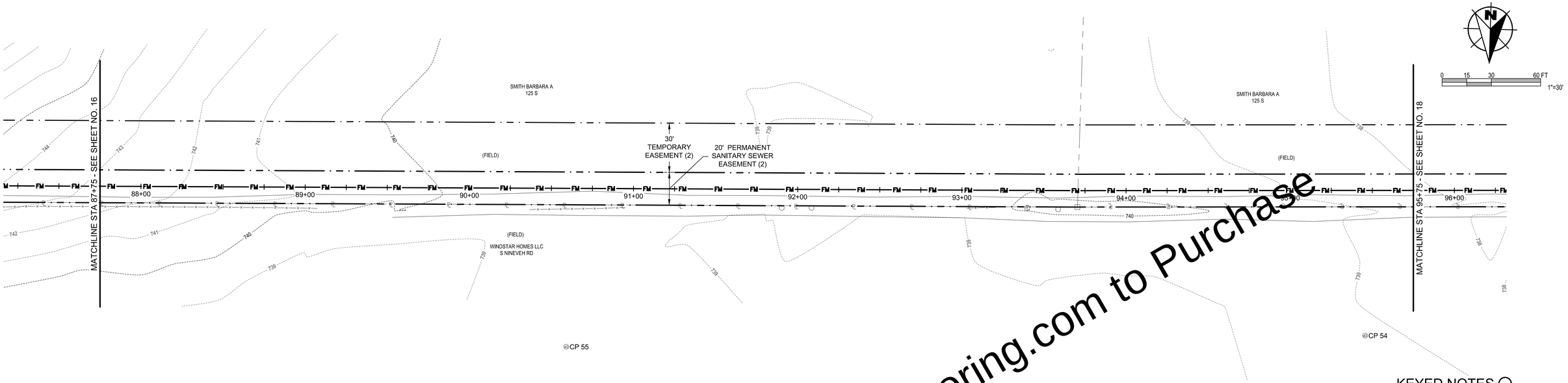
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(79+75 TO 87+75)

SHEET NO. **16**

TOTAL SHEETS 70

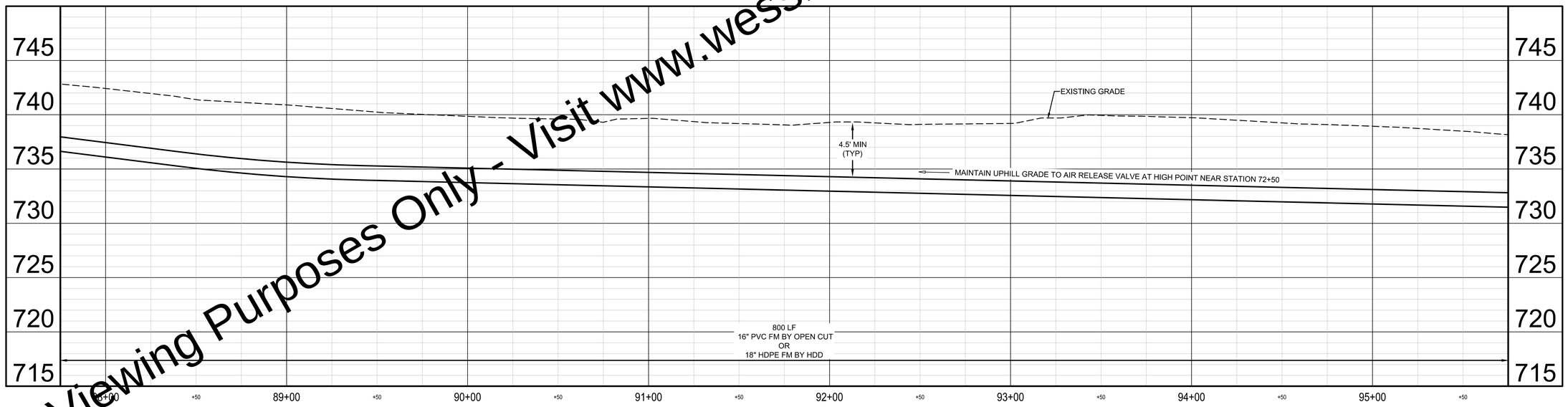


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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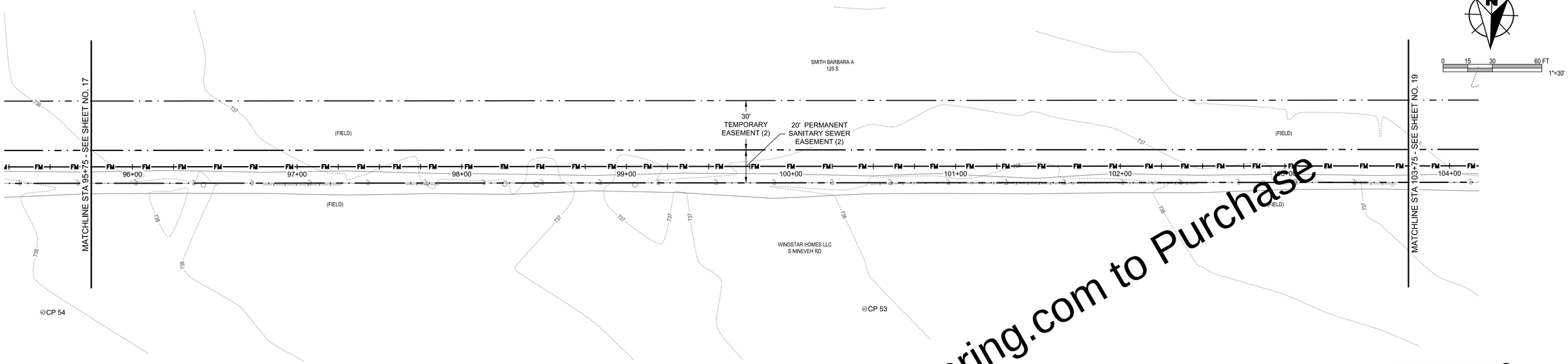
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(87+75 TO 95+75)

SHEET NO. **17**

TOTAL SHEETS 70

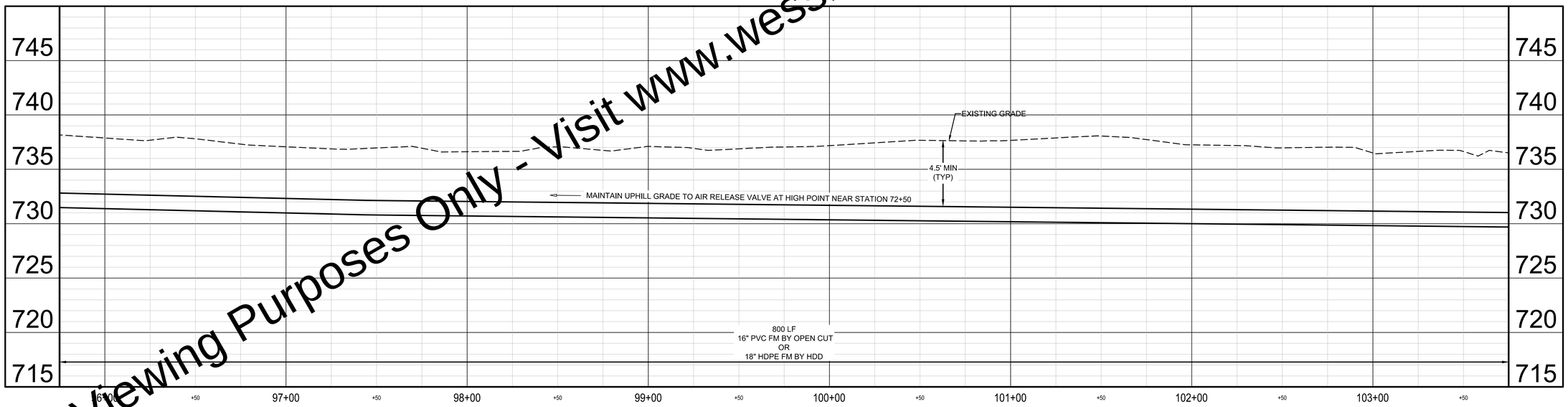


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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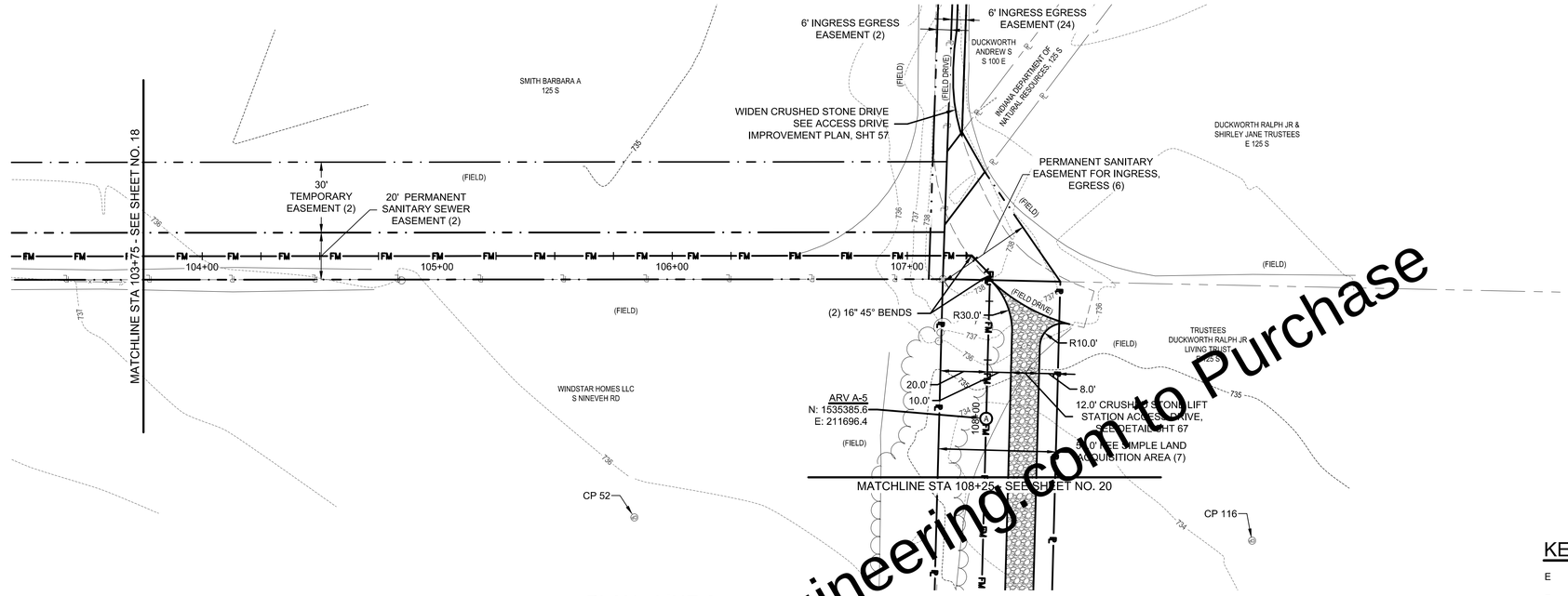
CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(95+75 TO 103+75)

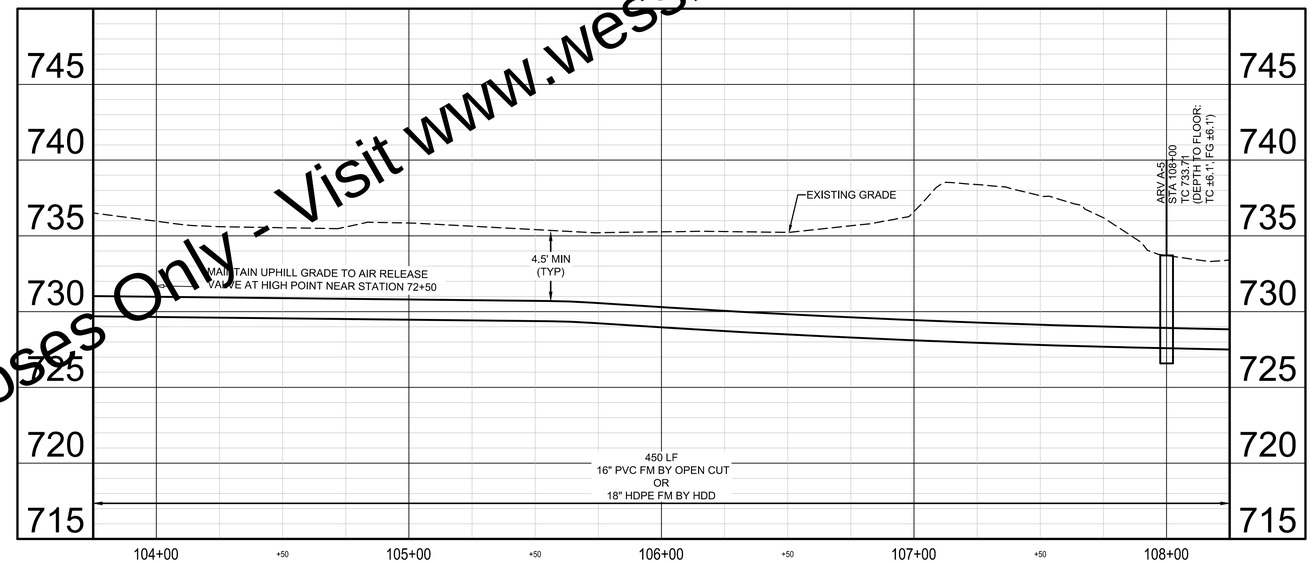
SHEET NO. **18**

TOTAL SHEETS 70



PLAN - LINE A

SCALE: 1" = 30'



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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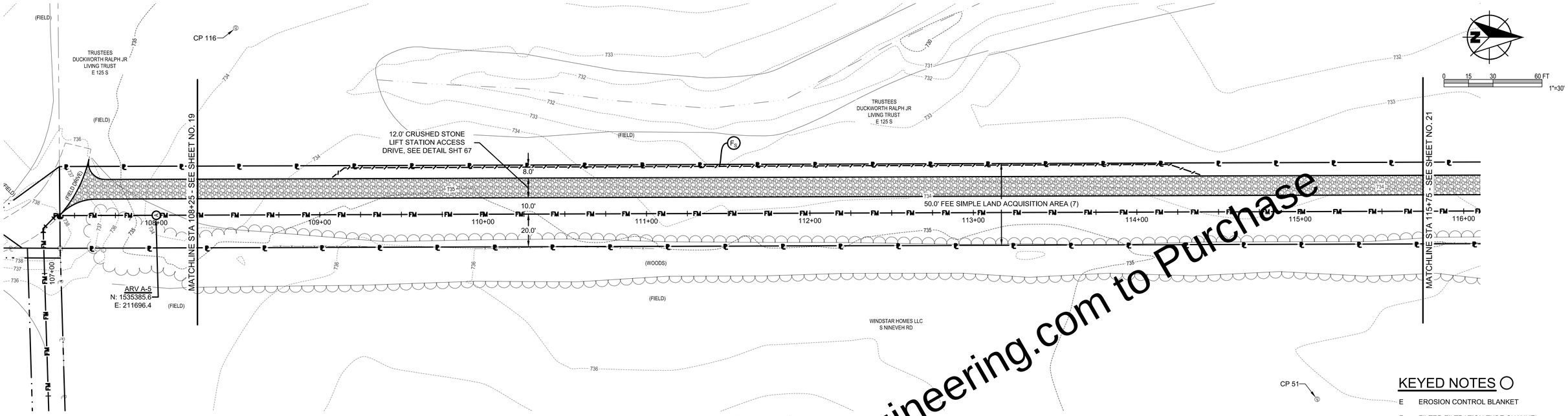
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (103+75 TO 108+25)

SHEET NO. **19**

TOTAL SHEETS 70

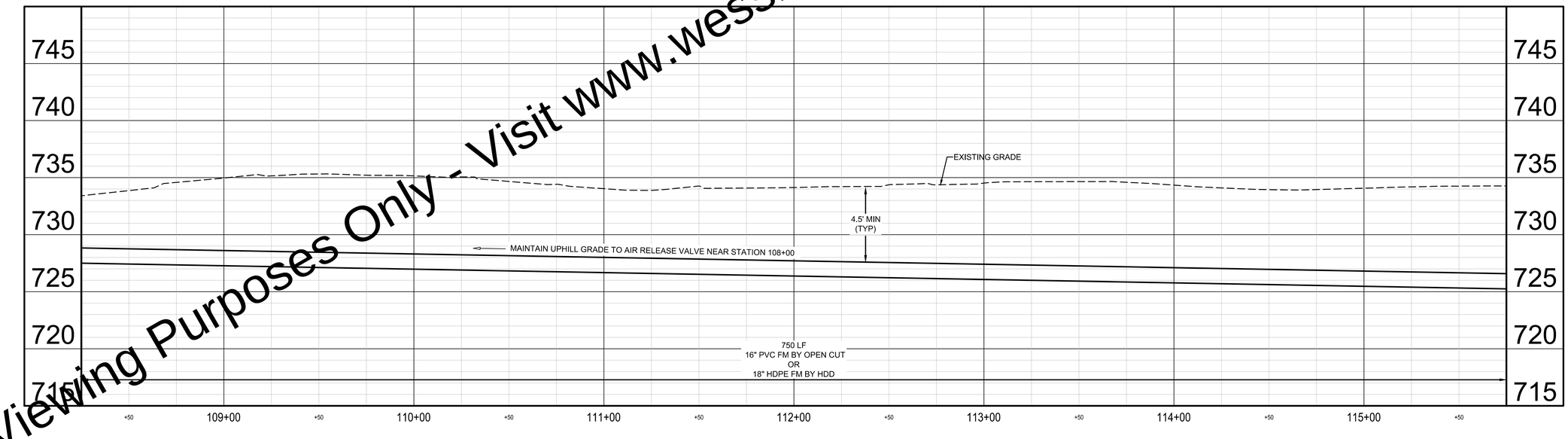


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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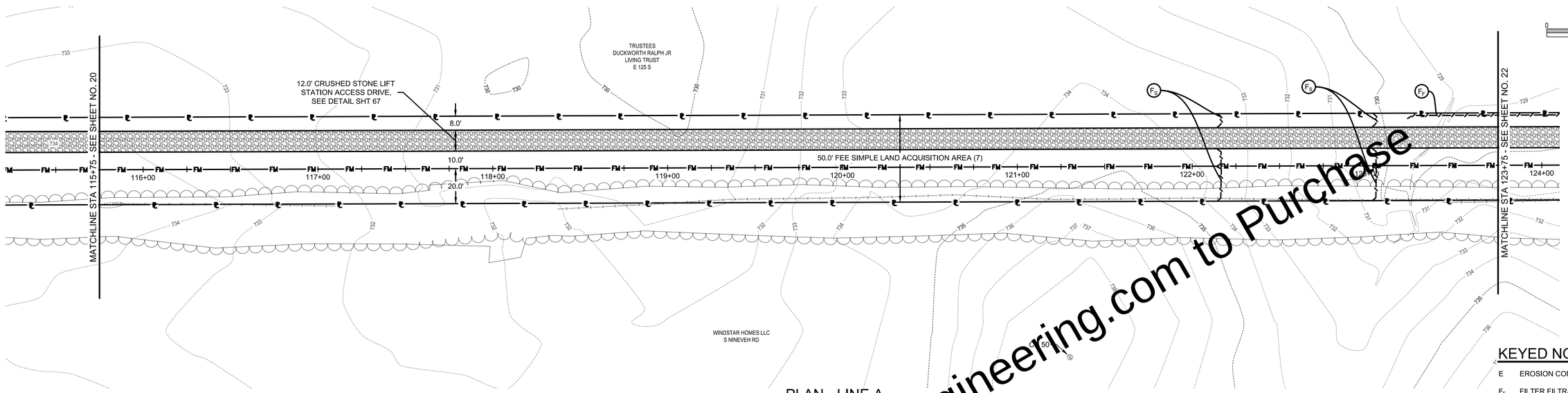
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(108+25 TO 115+75)

SHEET NO. **20**

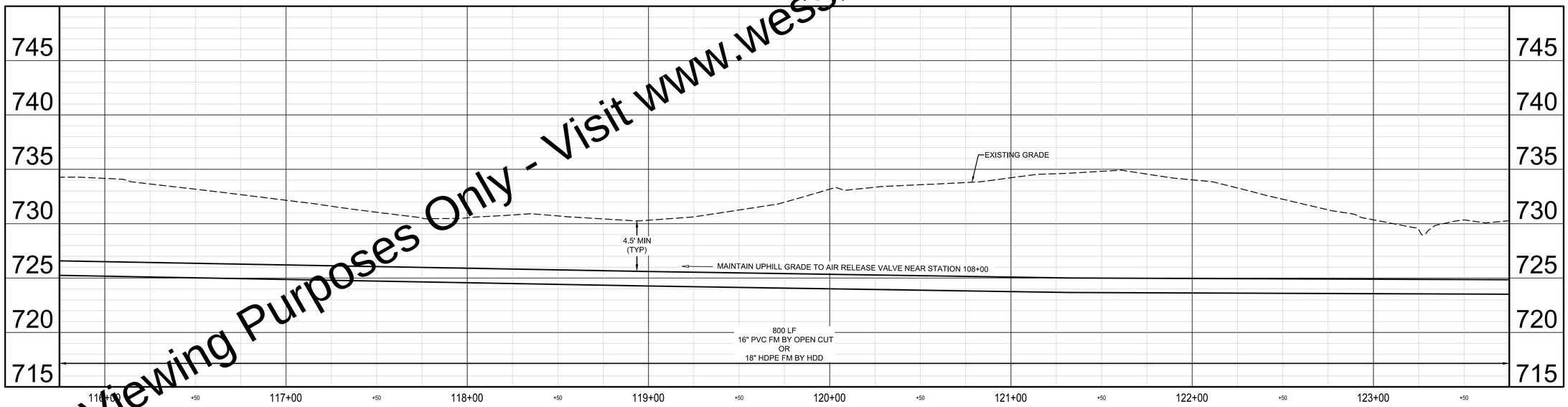
TOTAL SHEETS 70



PLAN - LINE A
SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ				
	APPROVED BY	GLR				
	ISSUE DATE	SEPTEMBER 2025				
	PROJECT NUMBER	231120-04-002				

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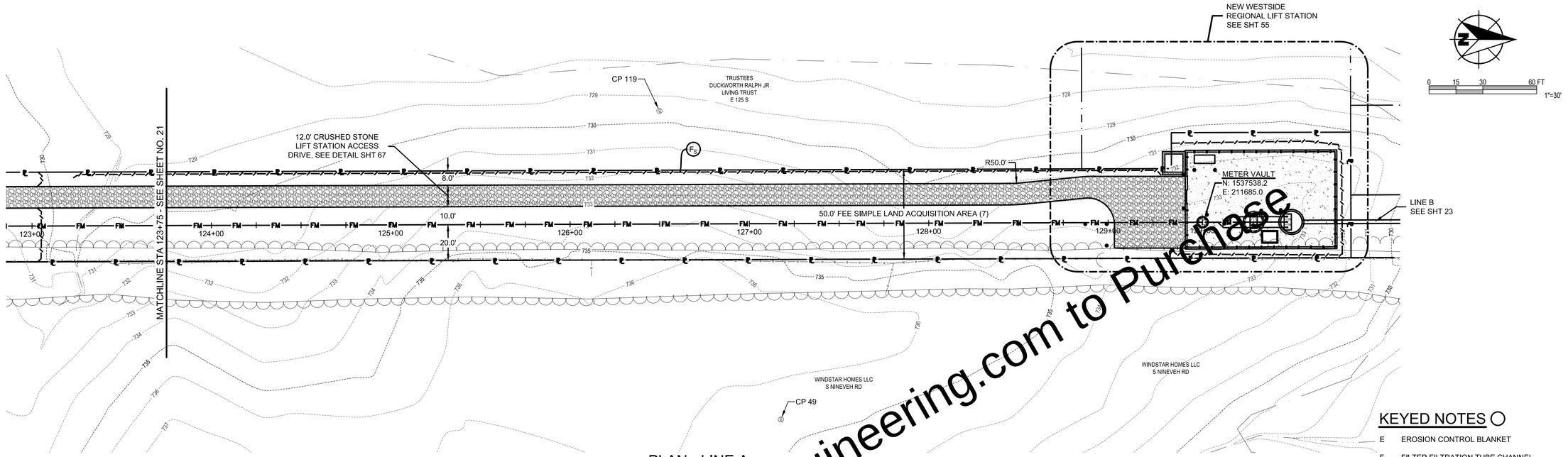
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A (115+75 TO 123+75)

SHEET NO. **21**

TOTAL SHEETS 70

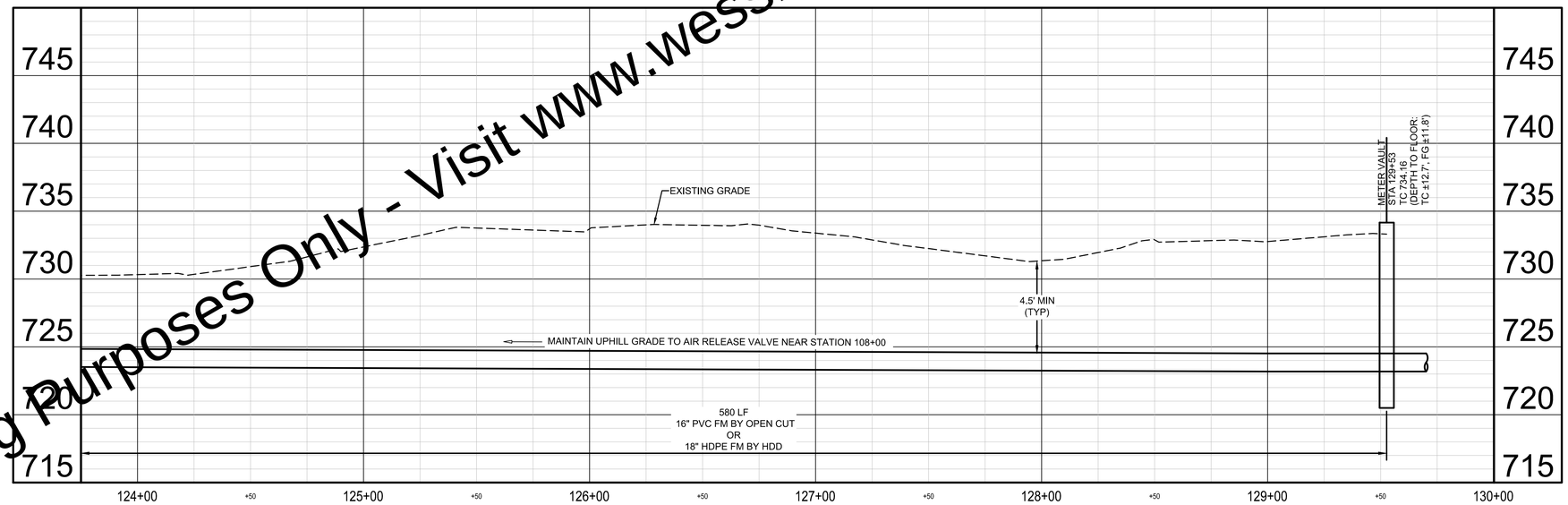


PLAN - LINE A

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE A

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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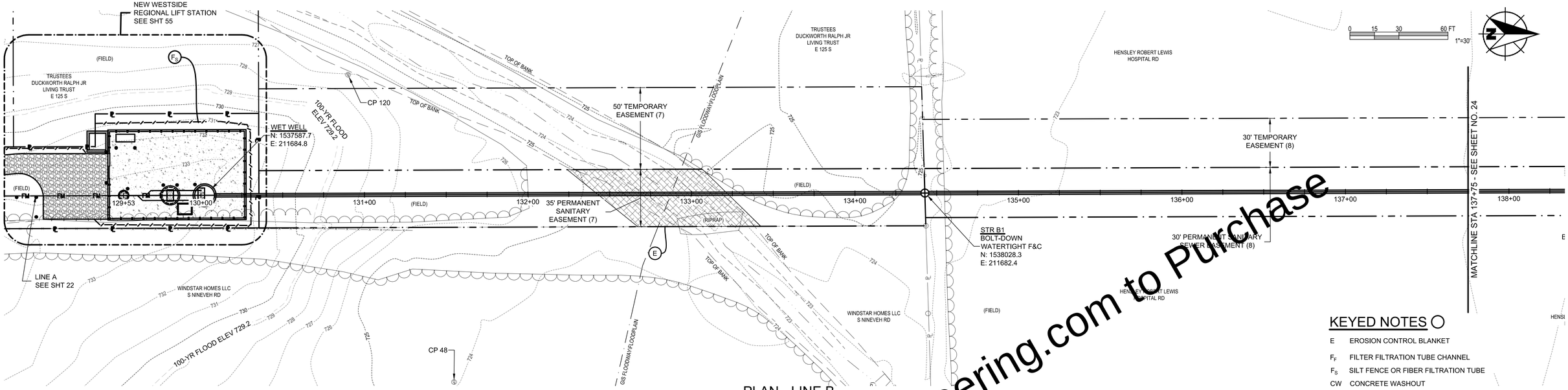
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE A
(123+75 TO END)

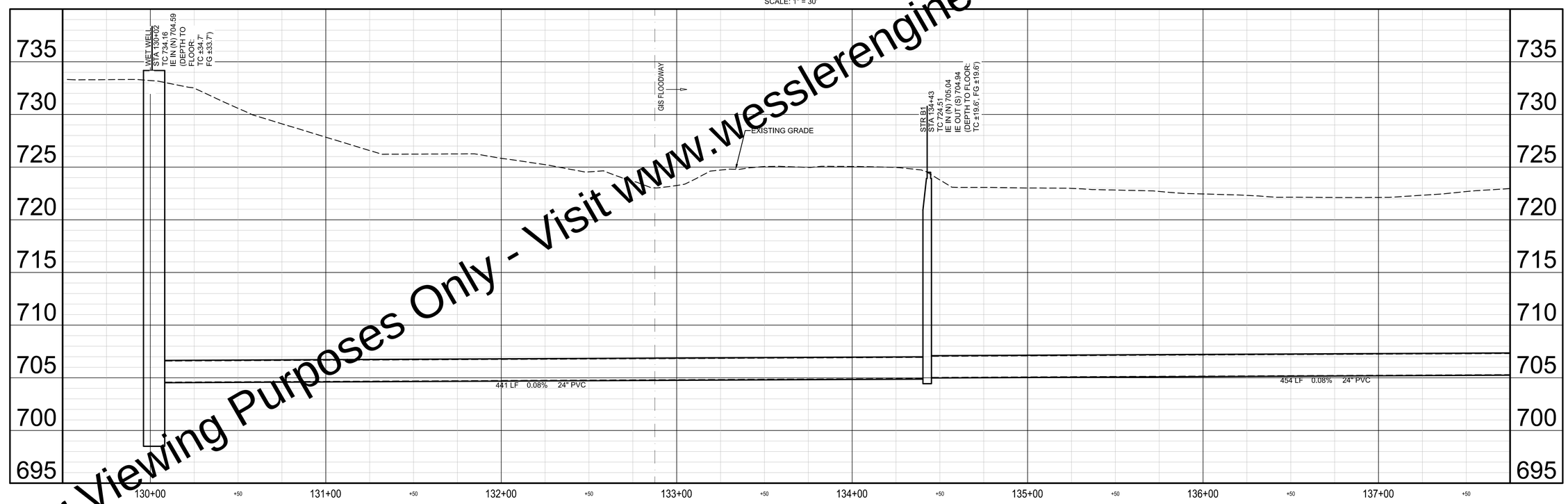
SHEET NO. **22**

TOTAL SHEETS 70



PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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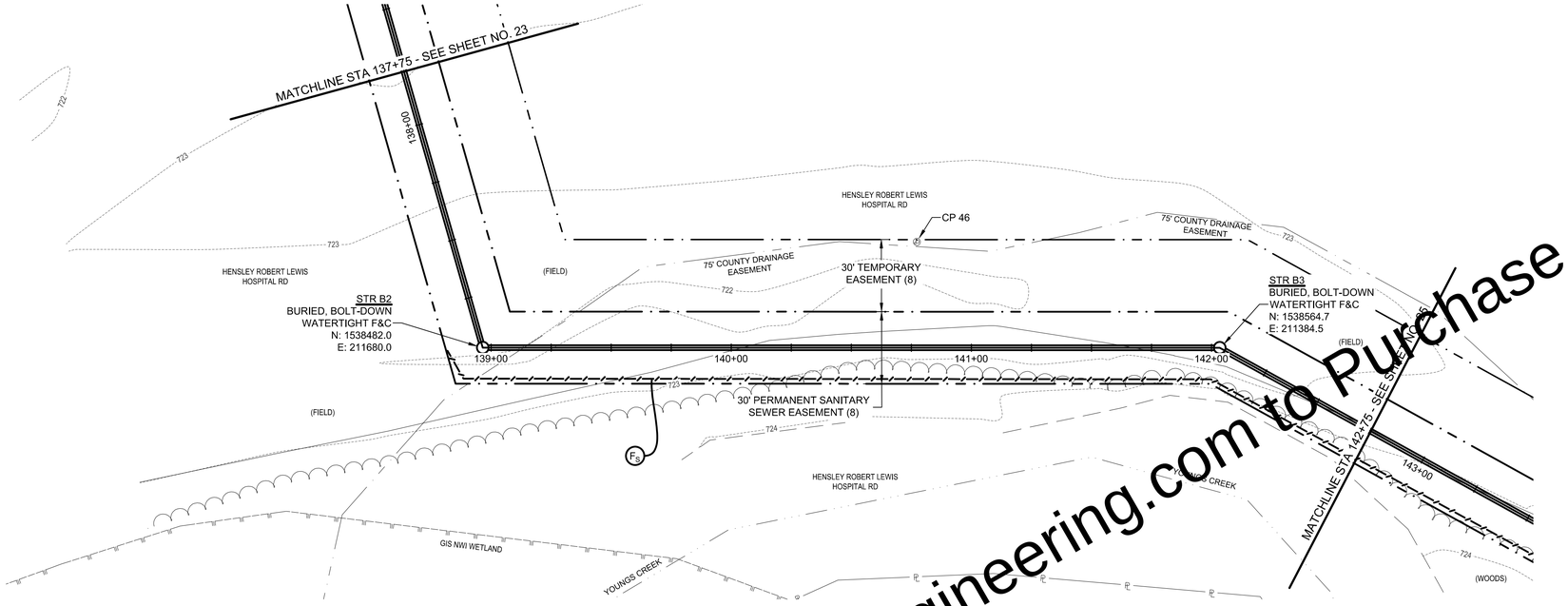
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(130+02 TO 137+75)

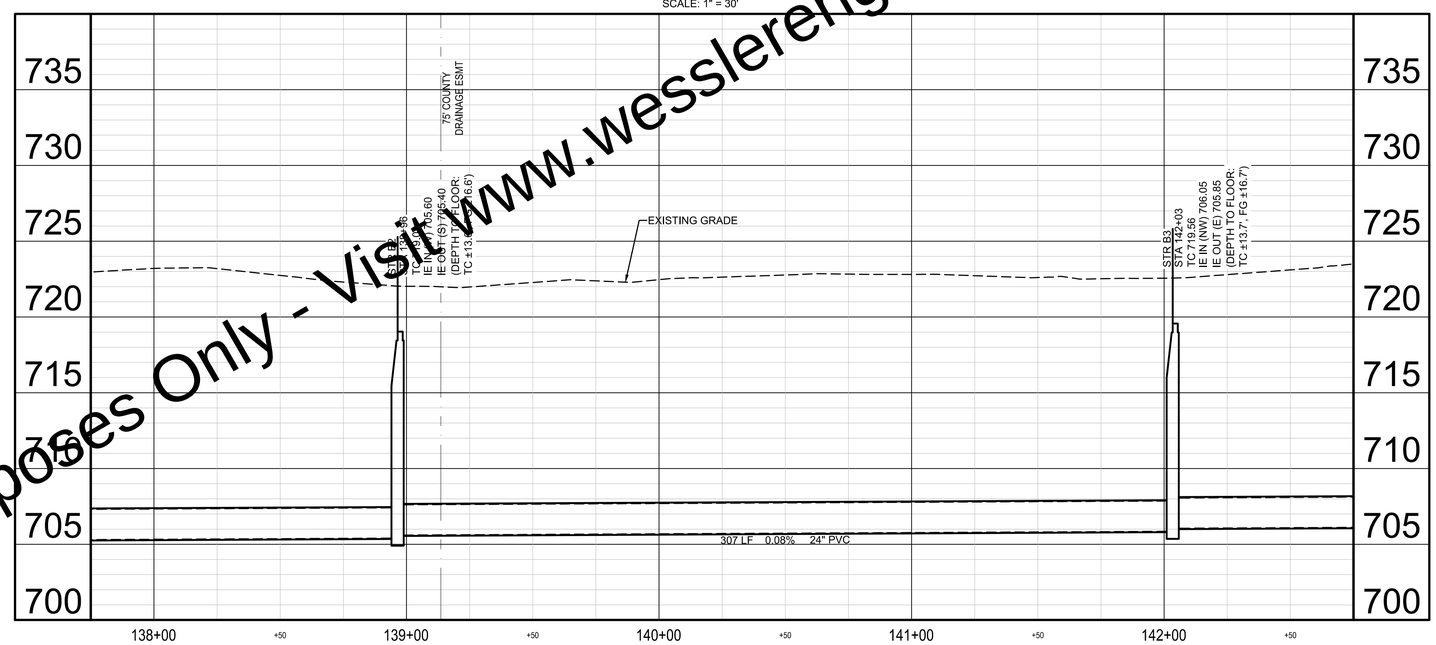
SHEET NO. **23**

TOTAL SHEETS 70



PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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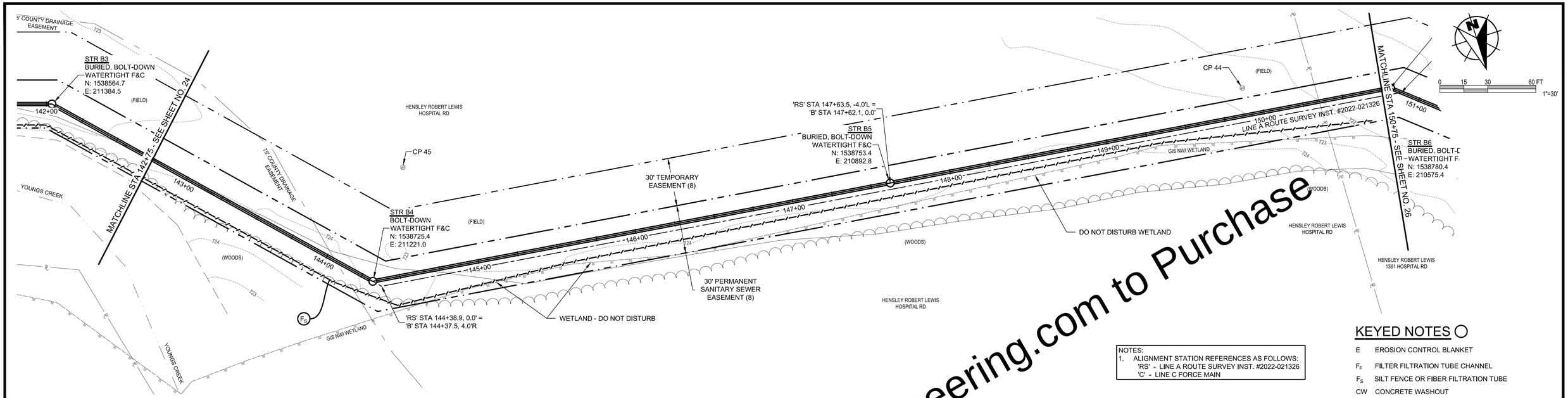
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B (137+75 TO 142+75)

SHEET NO. **24**

TOTAL SHEETS 70



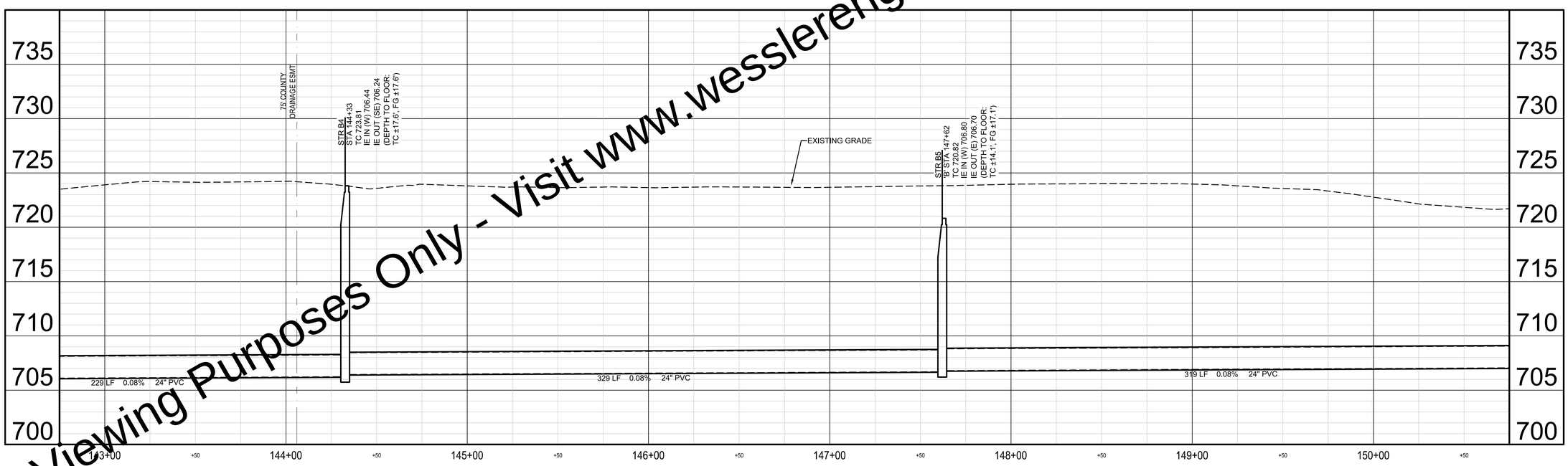
NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
'RS' - LINE A ROUTE SURVEY INST. #2022-021326
'C' - LINE C FORCE MAIN

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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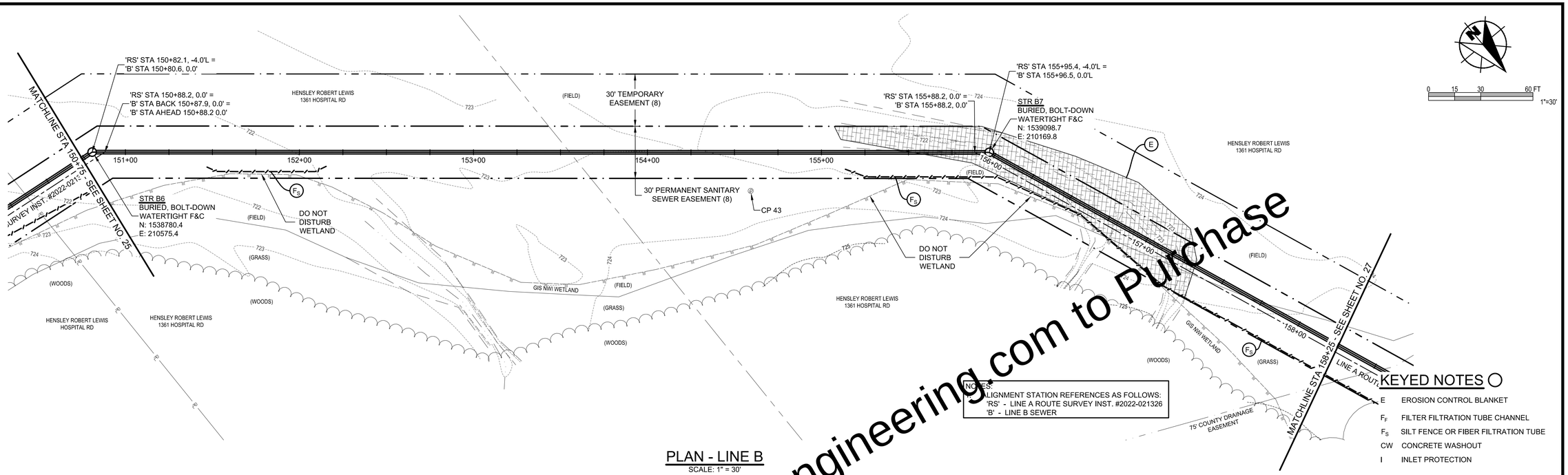
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(142+75 TO 150+75)

SHEET NO. **25**
TOTAL SHEETS 70



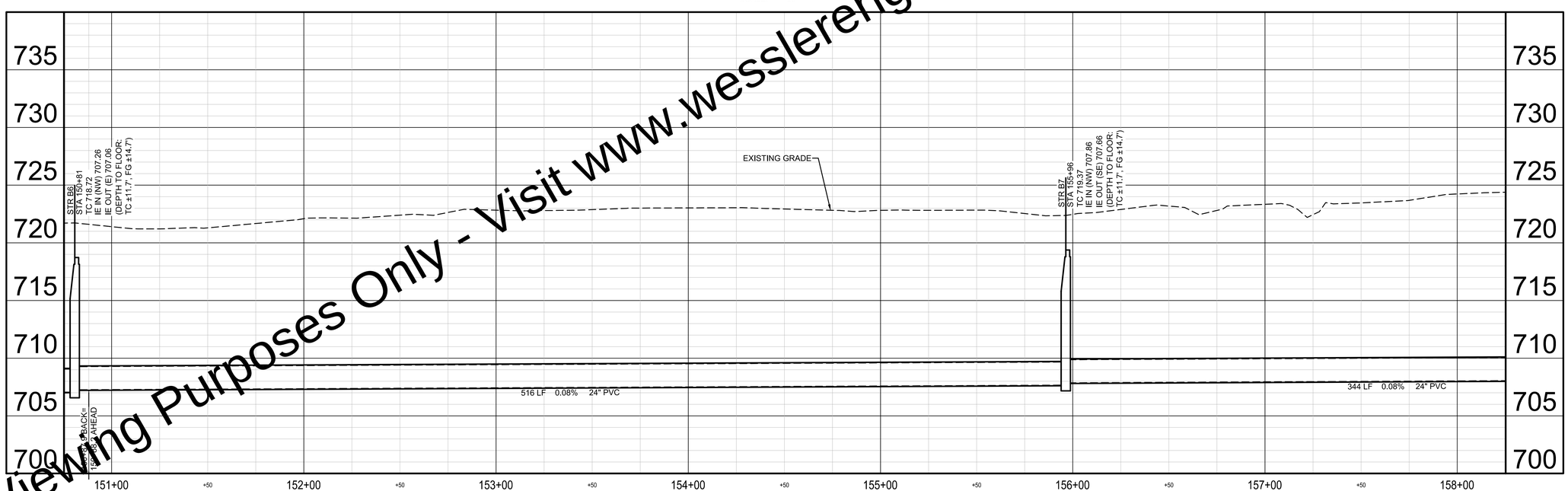
NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
'RS' - LINE A ROUTE SURVEY INST. #2022-021326
'B' - LINE B SEWER

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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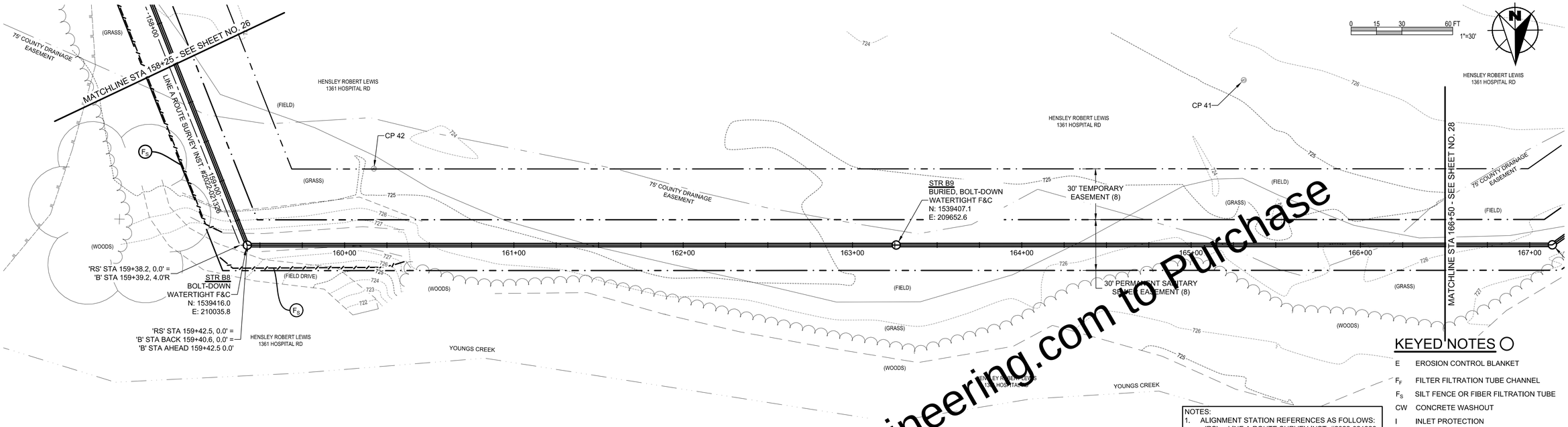
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(150+75 TO 158+25)

SHEET NO. **26**
TOTAL SHEETS 70



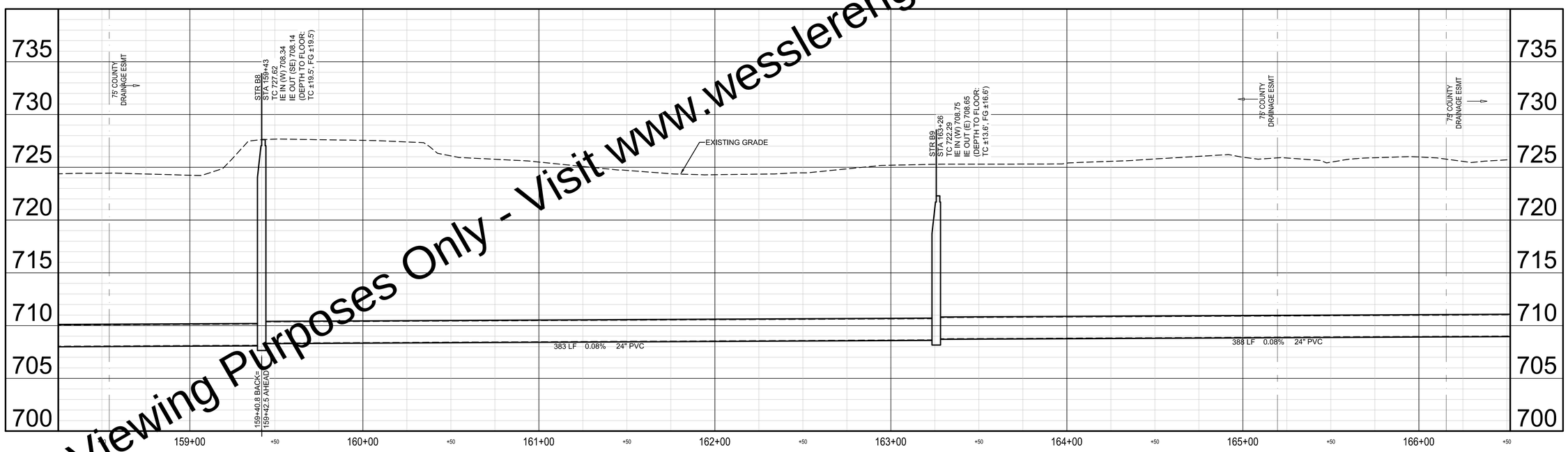
KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022-021326
   'B' - LINE B SEWER

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ				
	APPROVED BY	GLR				
	ISSUE DATE	SEPTEMBER 2025				
	PROJECT NUMBER	231120-04-002				

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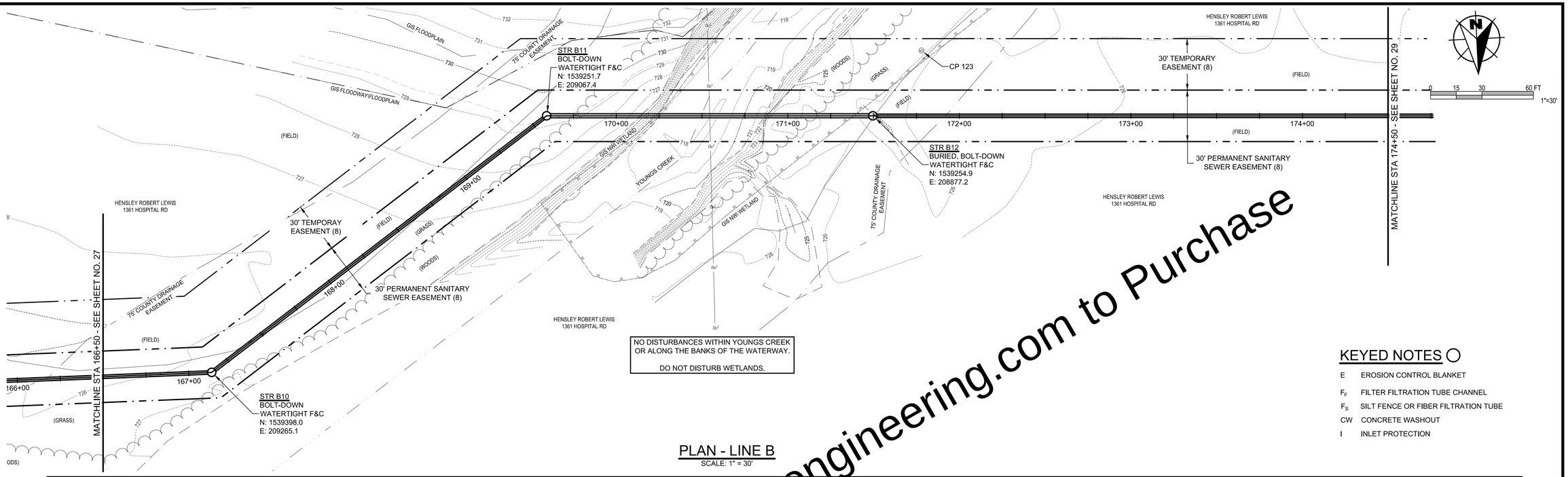
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(158+25 TO 166+50)

SHEET NO. **27**

TOTAL SHEETS 70

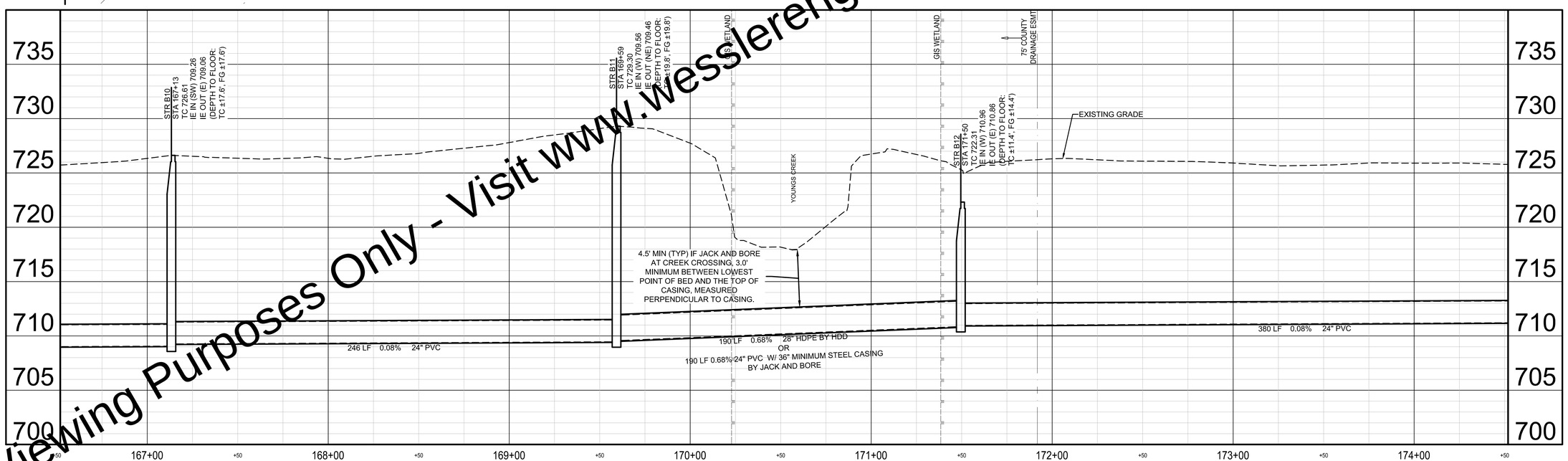


PLAN - LINE B

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

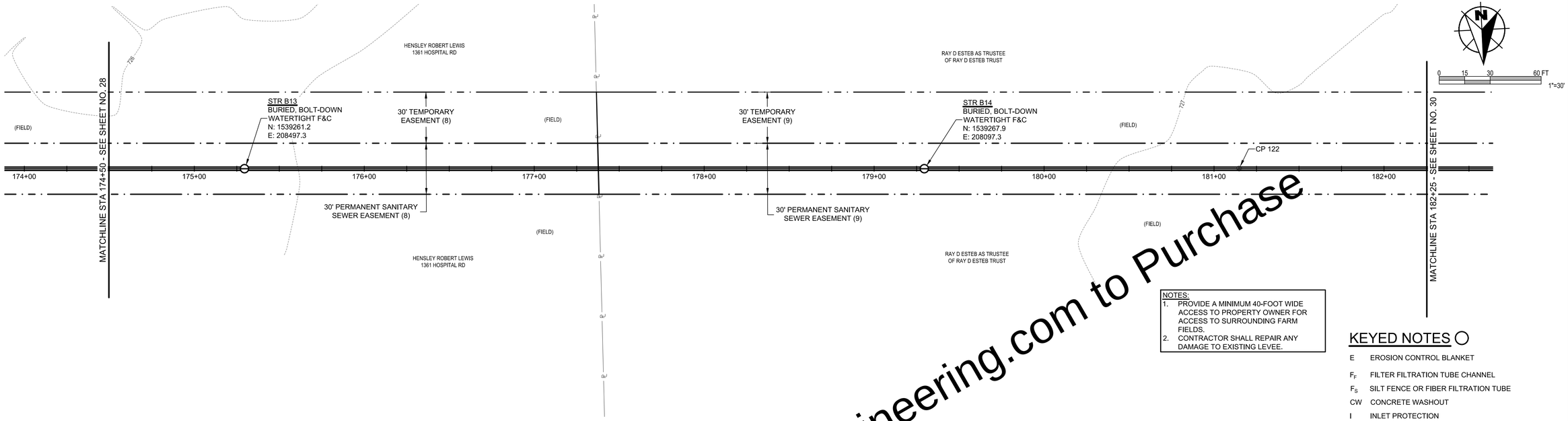
CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(166+50 TO 174+50)

SHEET NO. **28**

TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-PP-B1.dwg | Layout: B6 | Plotted: 08/18/25 @ 01:51:34 | LastSavedBy: MasonF



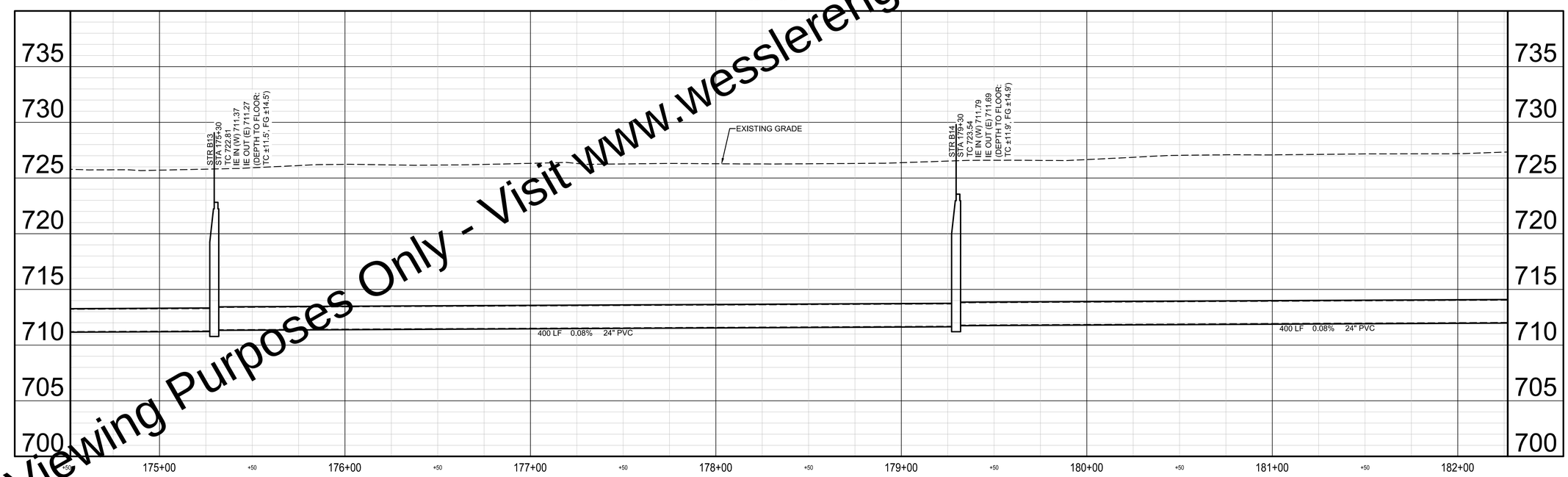
NOTES:
1. PROVIDE A MINIMUM 40-FOOT WIDE ACCESS TO PROPERTY OWNER FOR ACCESS TO SURROUNDING FARM FIELDS.
2. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING LEVEE.

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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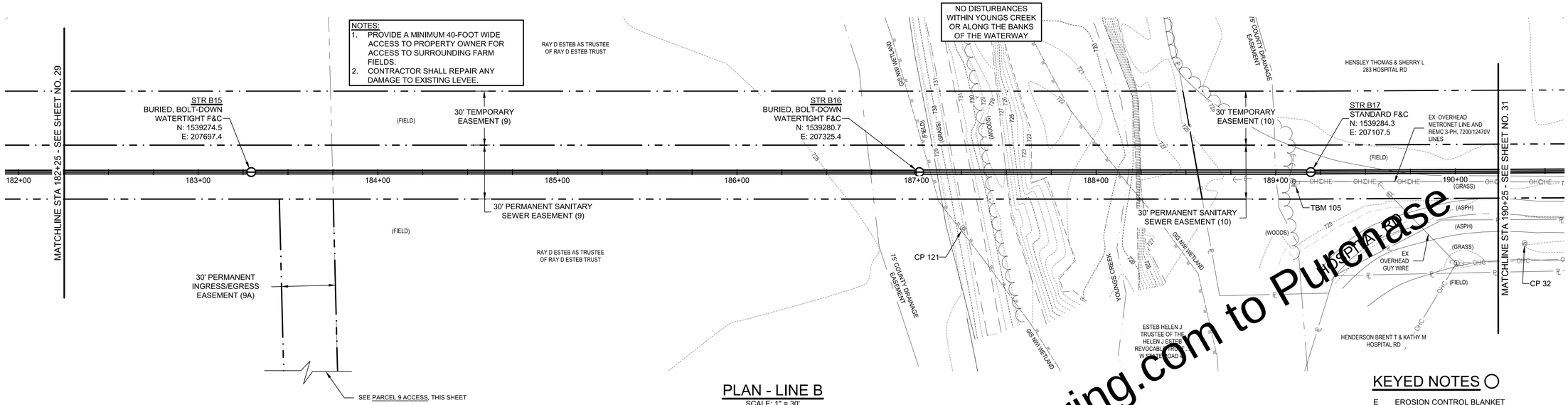
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(174+50 TO 182+25)

SHEET NO. **29**
TOTAL SHEETS 70

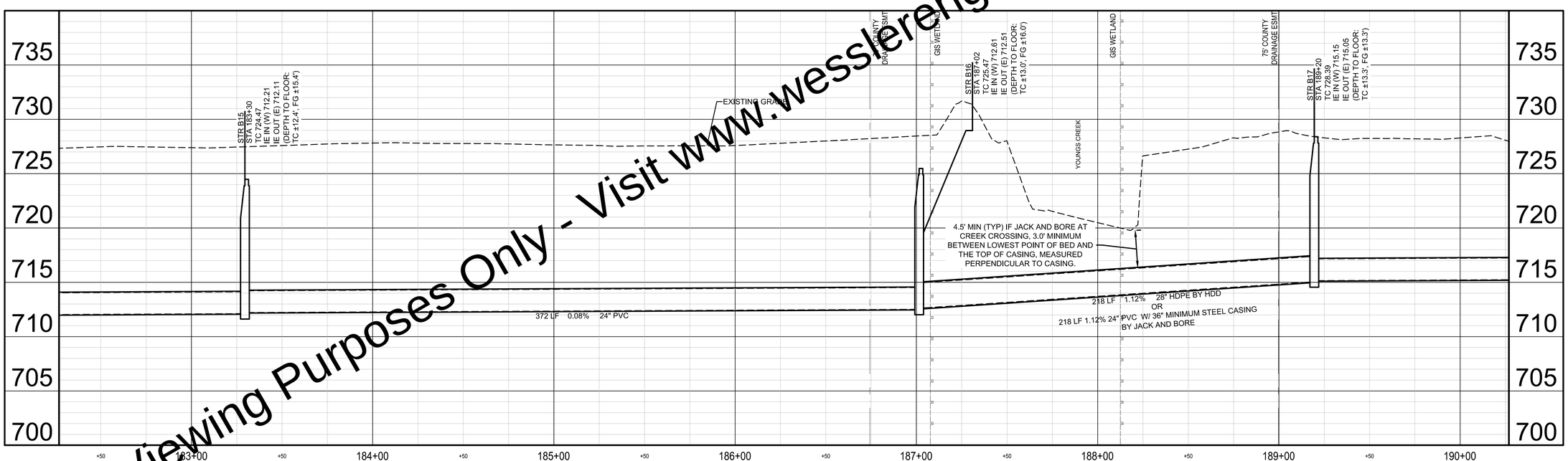


PLAN - LINE B

SCALE: 1" = 30'

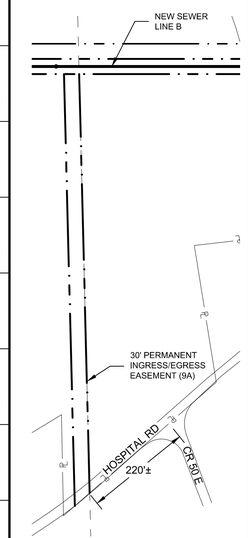
KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'



PARCEL 9 ACCESS

SCALE: 1" = 100'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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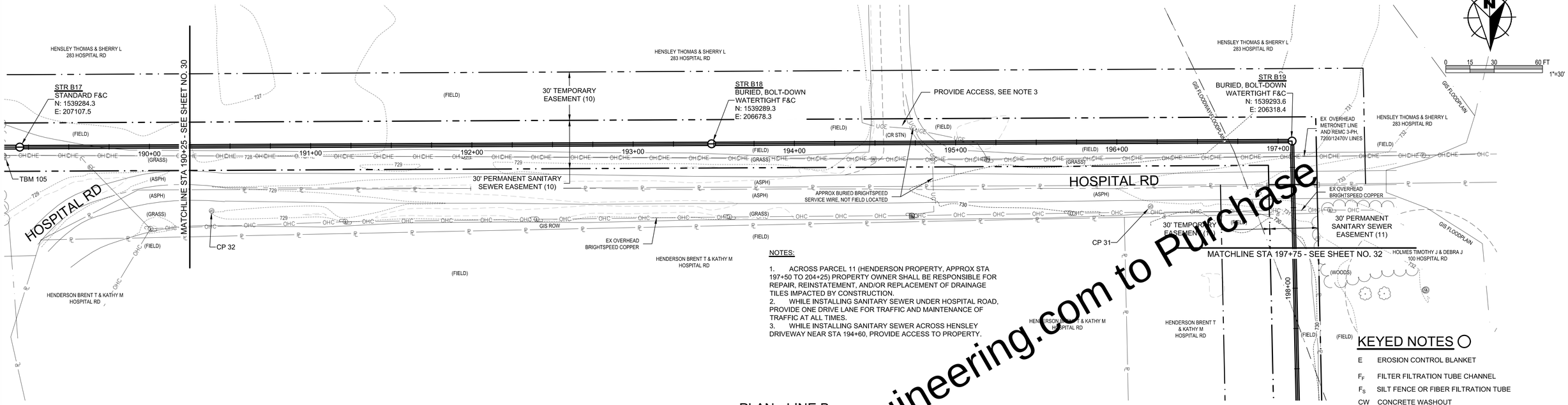
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B (182+25 TO 190+25)

SHEET NO. **30**

TOTAL SHEETS 70



NOTES:

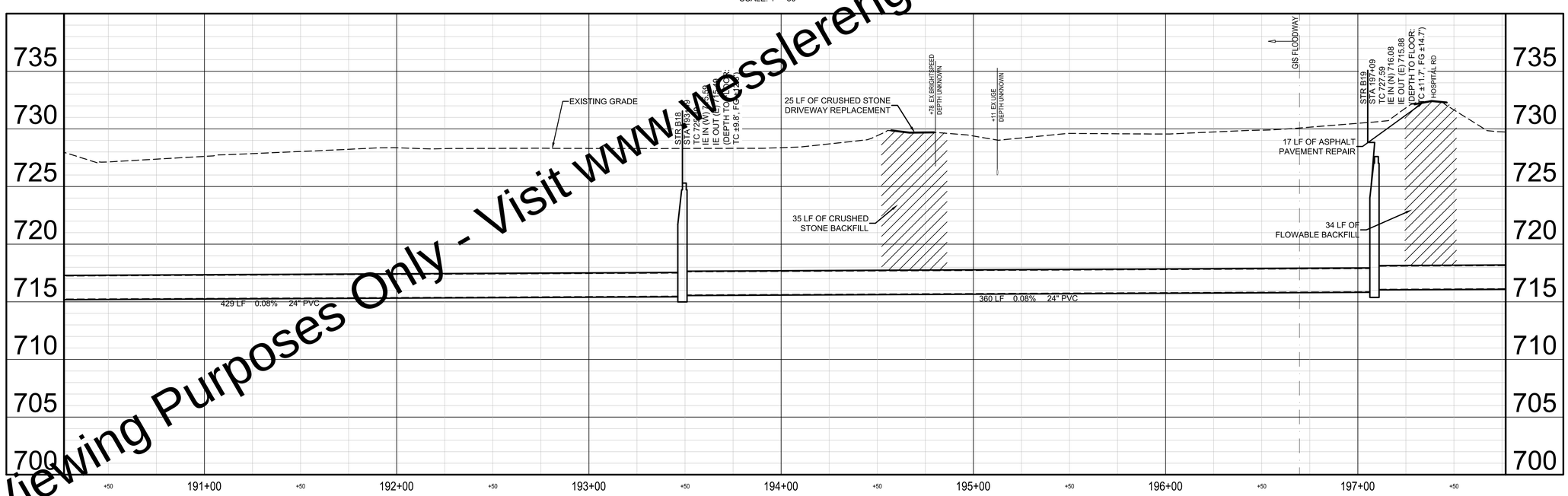
1. ACROSS PARCEL 11 (HENDERSON PROPERTY, APPROX STA 197+50 TO 204+25) PROPERTY OWNER SHALL BE RESPONSIBLE FOR REPAIR, REINSTATEMENT, AND/OR REPLACEMENT OF DRAINAGE TILES IMPACTED BY CONSTRUCTION.
2. WHILE INSTALLING SANITARY SEWER UNDER HOSPITAL ROAD, PROVIDE ONE DRIVE LANE FOR TRAFFIC AND MAINTENANCE OF TRAFFIC AT ALL TIMES.
3. WHILE INSTALLING SANITARY SEWER ACROSS HENSLEY DRIVEWAY NEAR STA 194+60, PROVIDE ACCESS TO PROPERTY.

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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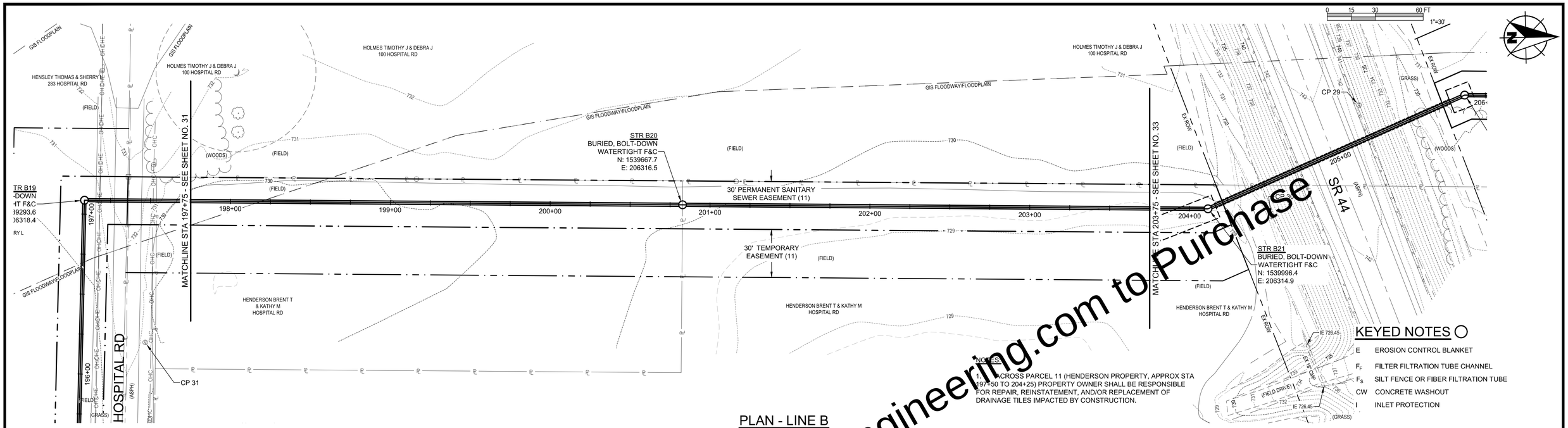
CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(190+25 TO 197+75)

SHEET NO. **31**
TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-PP-B1.dwg | Layout: B9 | Plotted: 08/18/25 @ 01:57:07 | LastSavedBy: MasonF



NOTES:

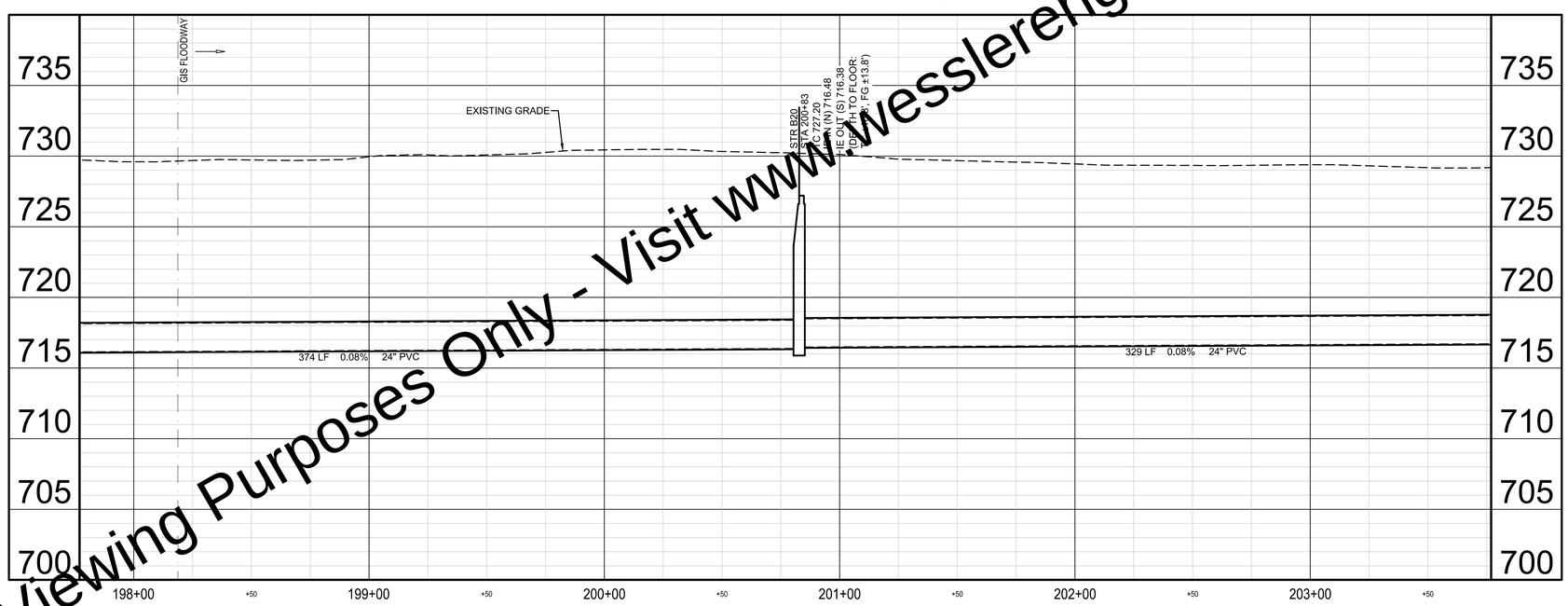
1. ACROSS PARCEL 11 (HENDERSON PROPERTY, APPROX STA 197+50 TO 204+25) PROPERTY OWNER SHALL BE RESPONSIBLE FOR REPAIR, REINSTATEMENT, AND/OR REPLACEMENT OF DRAINAGE TILES IMPACTED BY CONSTRUCTION.

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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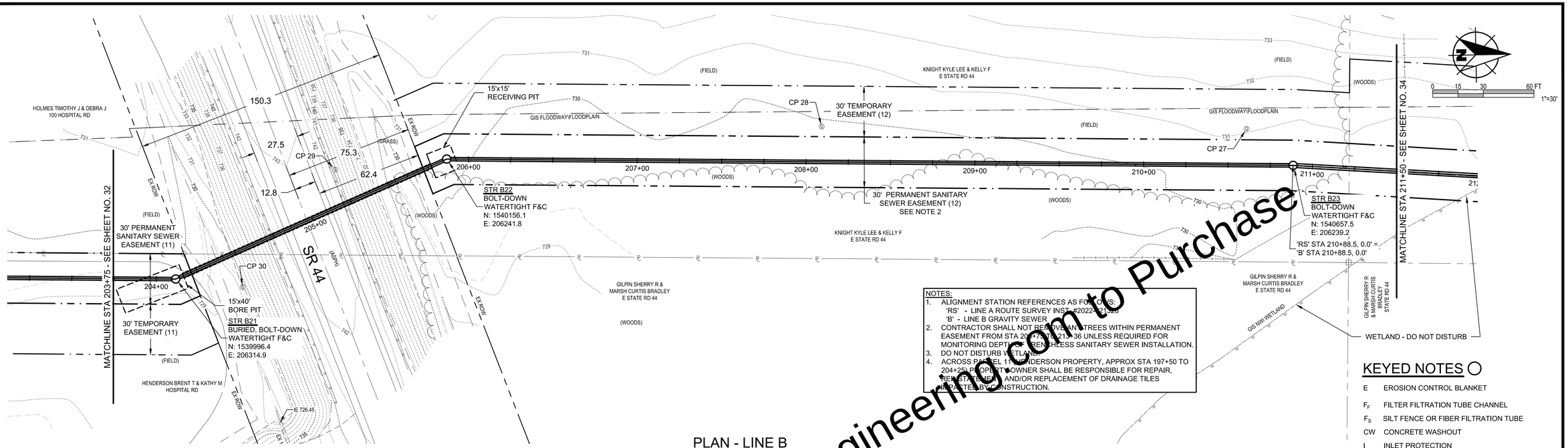
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(197+75 TO 203+75)

SHEET NO. **32**
TOTAL SHEETS 70



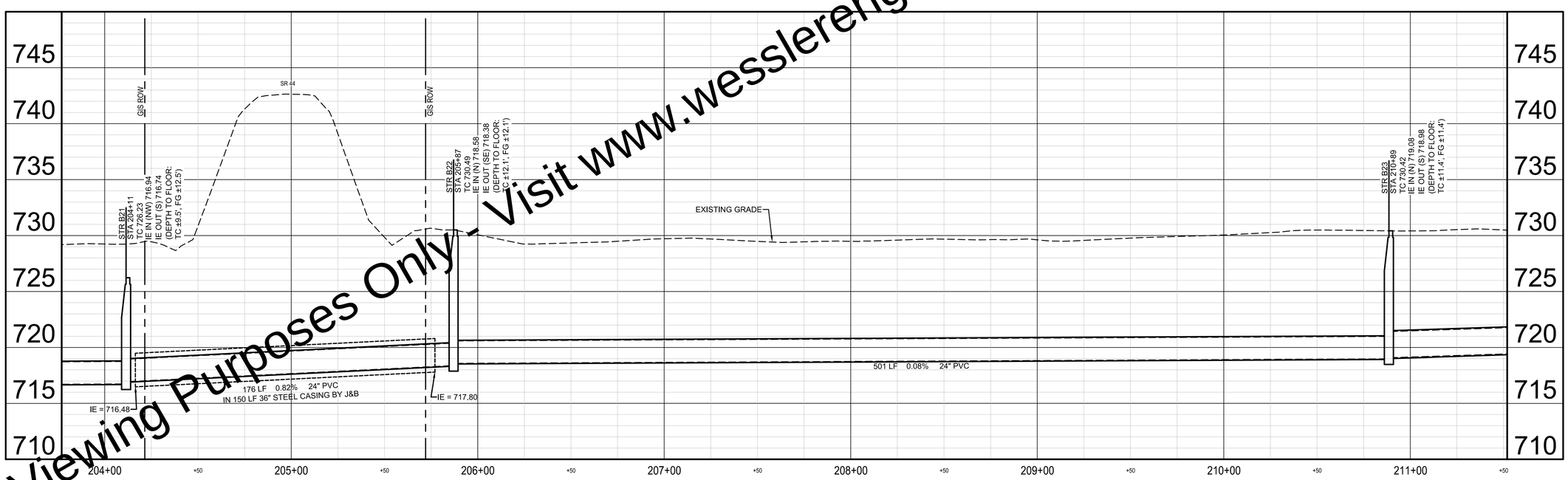
NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022[illegible]
   'B' - LINE B GRAVITY SEWER
2. CONTRACTOR SHALL NOT REMOVE ANY TREES WITHIN PERMANENT EASEMENT FROM STA 20[illegible] TO 21[illegible]+36 UNLESS REQUIRED FOR MONITORING DEPTH OF TRENCHLESS SANITARY SEWER INSTALLATION.
3. DO NOT DISTURB WETLAND.
4. ACROSS PARCEL 11 HENDERSON PROPERTY, APPROX STA 197+50 TO 204+25 PROPERTY OWNER SHALL BE RESPONSIBLE FOR REPAIR, RESTORATION AND/OR REPLACEMENT OF DRAINAGE TILES IMPACTED BY CONSTRUCTION.

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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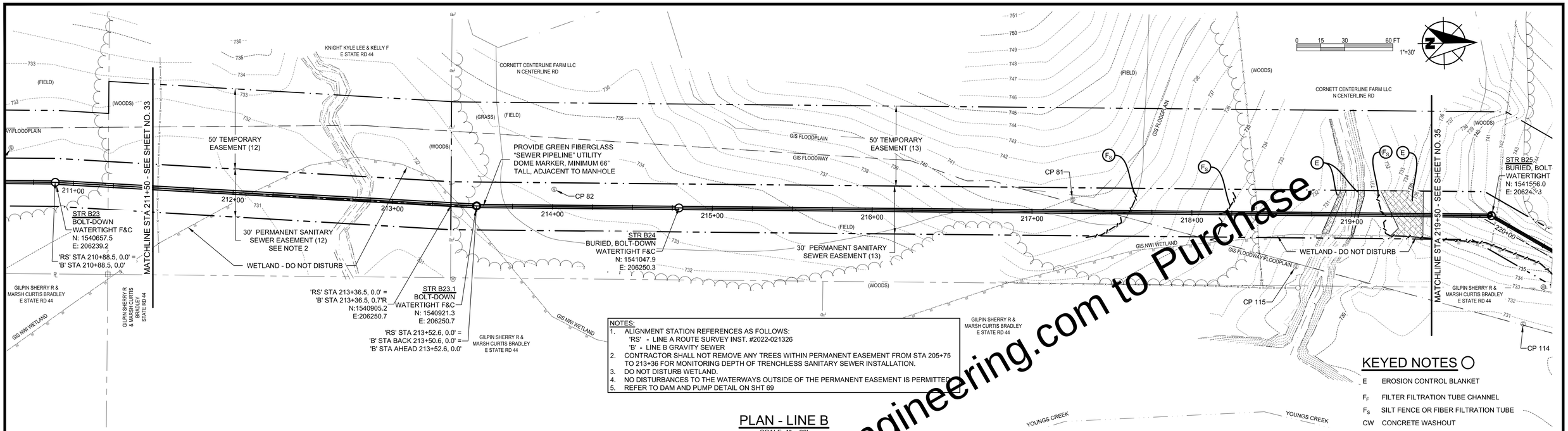
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(203+75 TO 211+50)

SHEET NO. **33**
TOTAL SHEETS 70



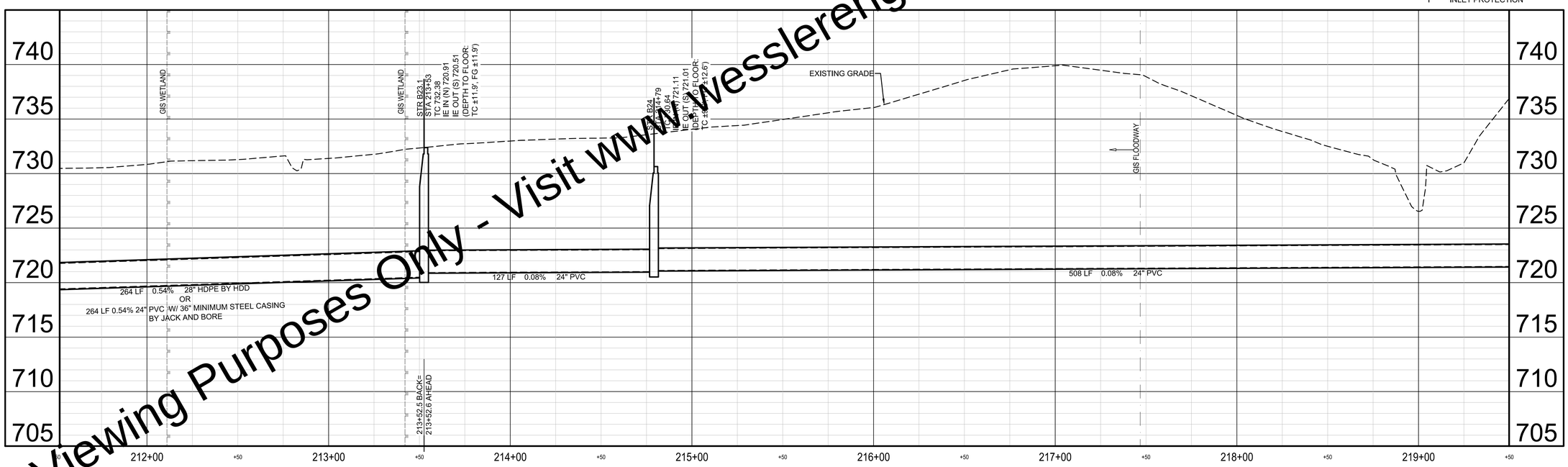
NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022-021326
   'B' - LINE B GRAVITY SEWER
2. CONTRACTOR SHALL NOT REMOVE ANY TREES WITHIN PERMANENT EASEMENT FROM STA 205+75 TO 213+36 FOR MONITORING DEPTH OF TRENCHLESS SANITARY SEWER INSTALLATION.
3. DO NOT DISTURB WETLAND.
4. NO DISTURBANCES TO THE WATERWAYS OUTSIDE OF THE PERMANENT EASEMENT IS PERMITTED.
5. REFER TO DAM AND PUMP DETAIL ON SHT 69

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ				
	APPROVED BY	GLR				
	ISSUE DATE	SEPTEMBER 2025				
	PROJECT NUMBER	231120-04-002				

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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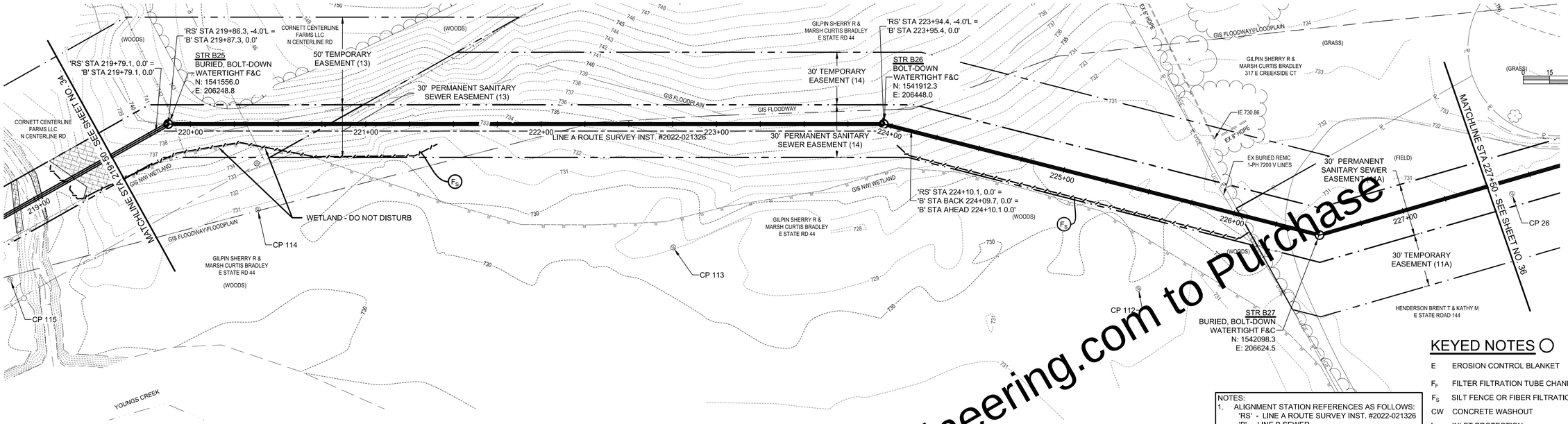
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B (211+50 TO 219+50)

SHEET NO. **34**

TOTAL SHEETS 70



NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
'RS' - LINE A ROUTE SURVEY INST. #2022-021326
'B' - LINE B SEWER

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'

PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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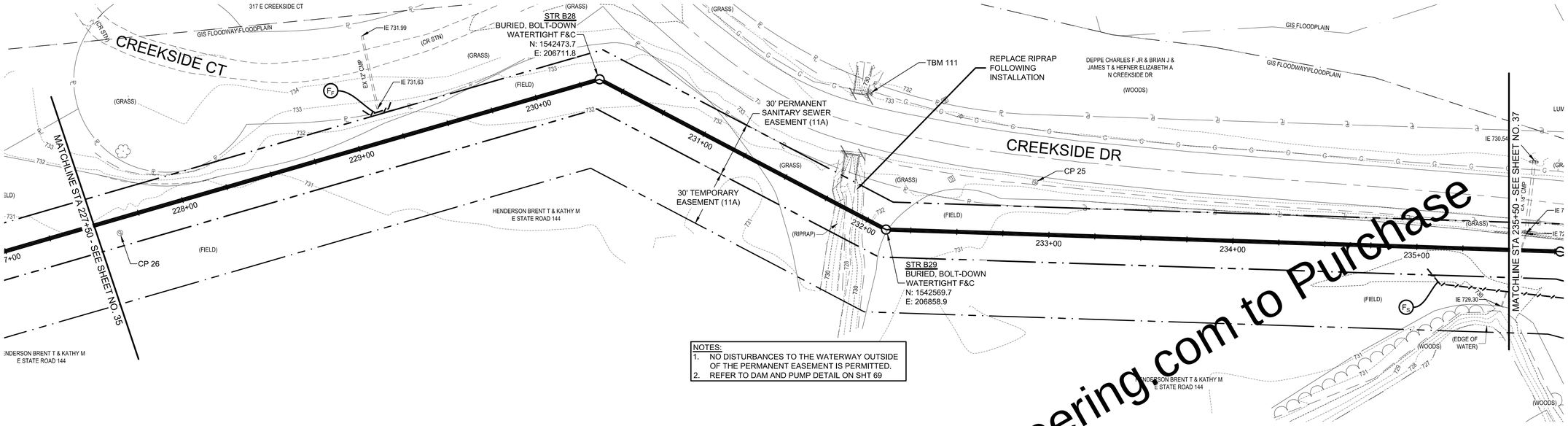
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(219+50 TO 227+50)

SHEET NO. **35**
TOTAL SHEETS 70



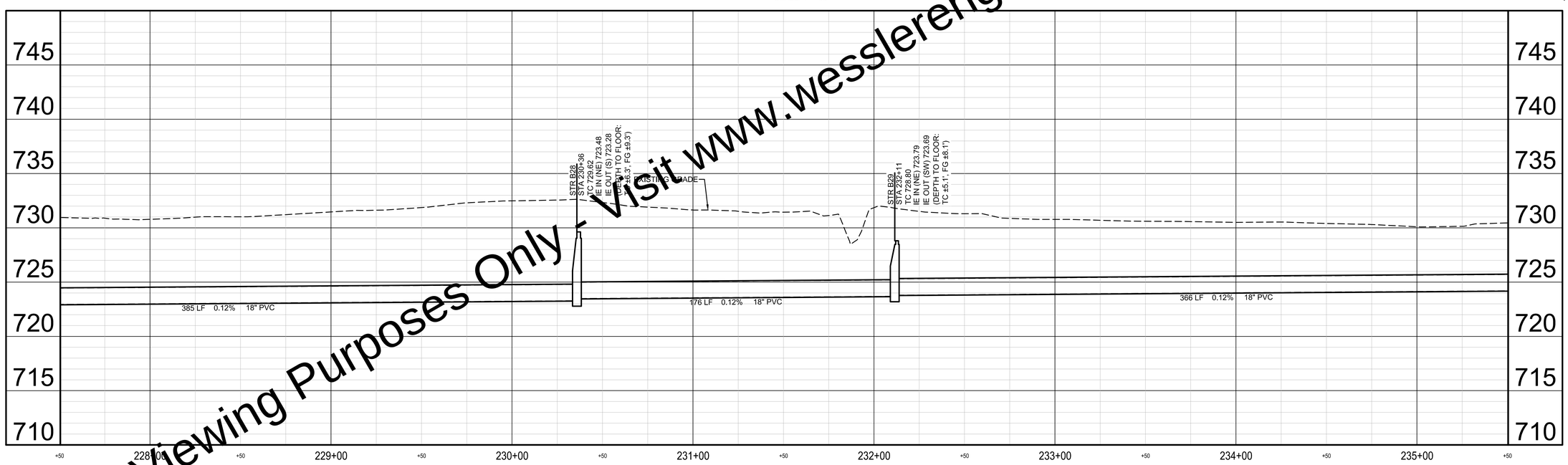
NOTES:
1. NO DISTURBANCES TO THE WATERWAY OUTSIDE OF THE PERMANENT EASEMENT IS PERMITTED.
2. REFER TO DAM AND PUMP DETAIL ON SHT 69

PLAN - LINE B
SCALE: 1" = 30'

NOTES:
1. ACROSS PARCEL 11 (HENDERSON PROPERTY, APPROX STA 197+50 TO 204+25) PROPERTY OWNER SHALL BE RESPONSIBLE FOR REPAIR, REINSTATEMENT, AND/OR REPLACEMENT OF DRAINAGE TILES IMPACTED BY CONSTRUCTION.

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE B
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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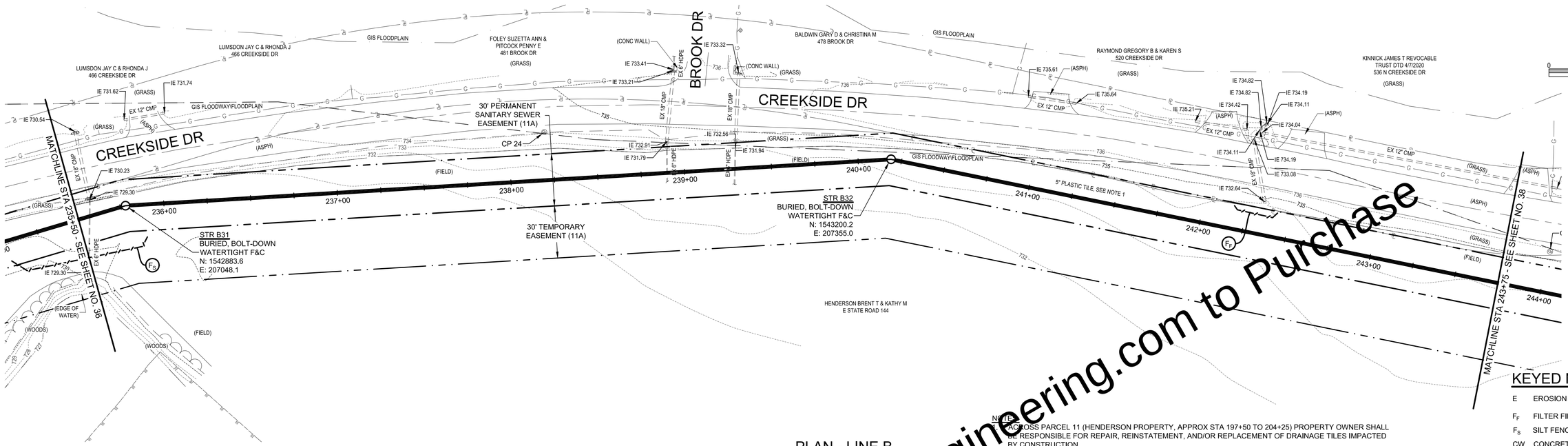
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(227+50 TO 235+50)

SHEET NO. **36**
TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-PP-B2.dwg | Layout: B14 | Plotted: 08/18/25 @ 02:08:17 | LastSavedBy: MichelleE



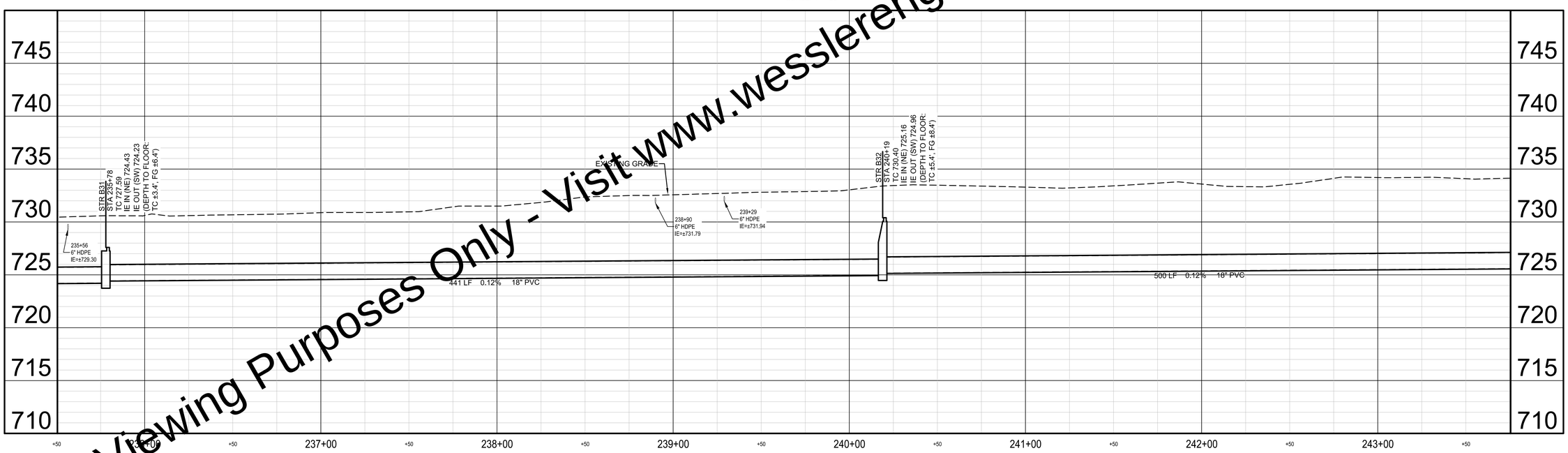
KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

NOTE:
1. ACROSS PARCEL 11 (HENDERSON PROPERTY, APPROX STA 197+50 TO 204+25) PROPERTY OWNER SHALL BE RESPONSIBLE FOR REPAIR, REINSTATEMENT, AND/OR REPLACEMENT OF DRAINAGE TILES IMPACTED BY CONSTRUCTION.

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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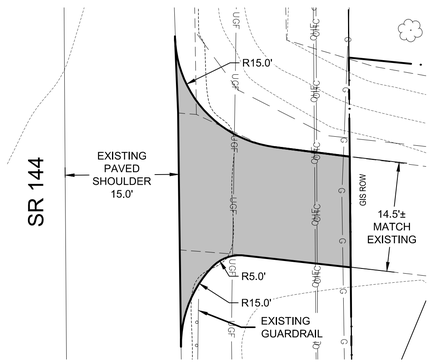
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(235+50 TO 243+75)

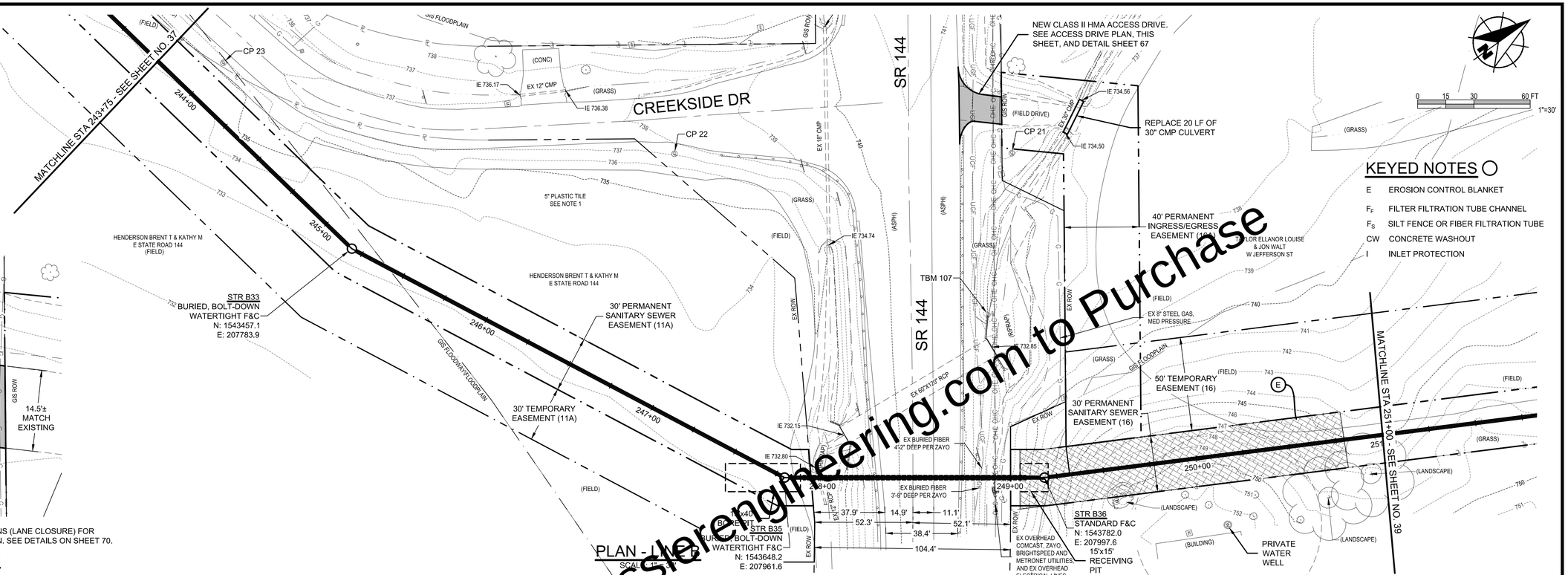
SHEET NO. **37**
TOTAL SHEETS 70



UTILIZE SHOULDER WORK AND TEMPORARY FLAGGER OPERATIONS (LANE CLOSURE) FOR MAINTENANCE OF TRAFFIC AS REQUIRED DURING CONSTRUCTION. SEE DETAILS ON SHEET 70.

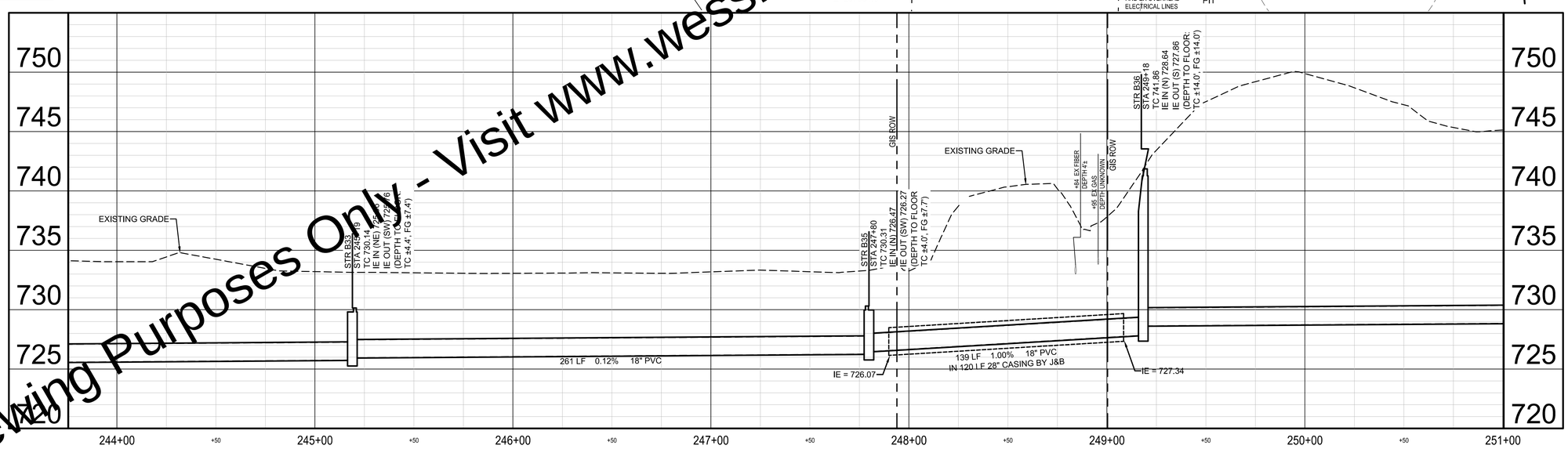
ACCESS DRIVE PLAN

SCALE: 1" = 30'



PLAN - LINE B

SCALE: 1" = 30'



NOTES:
1. APPROXIMATE FIELD TILE LOCATIONS SHOWN PER SKETCH PROVIDED BY PROPERTY OWNER.

PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

CARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

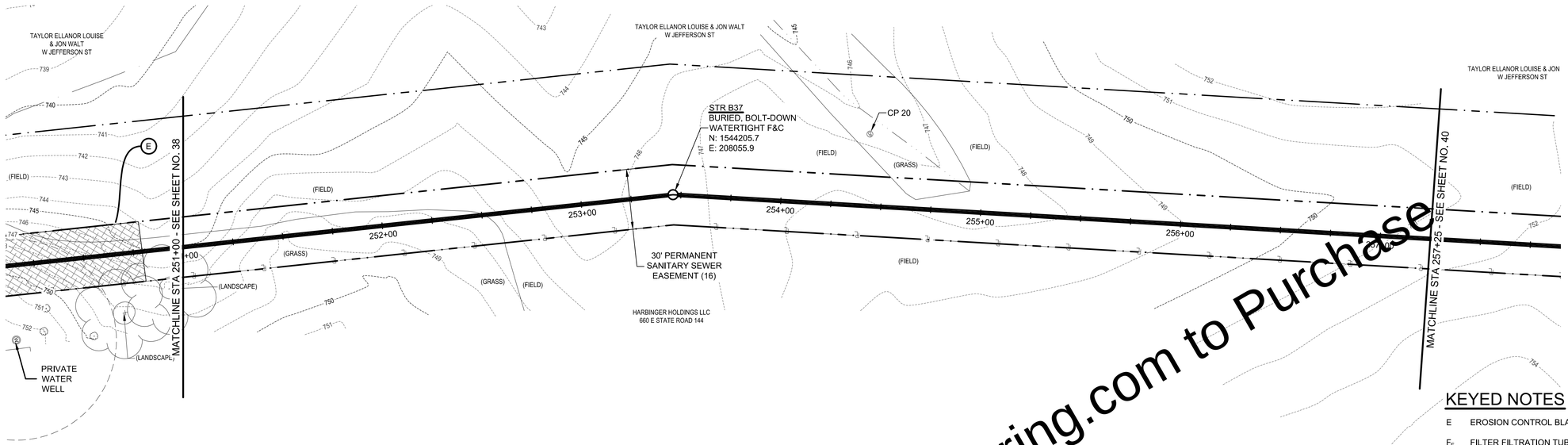
CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B (243+75 TO 251+00)

SHEET NO. **38**

TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-PP-B2.dwg | Layout: B16 | Plotted: 08/18/25 @ 02:13:04 | LastSavedBy: MichelleE



KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'

PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON
REGISTERED
No. 19500302
STATE OF INDIANA
PROFESSIONAL ENGINEER
09/02/2025

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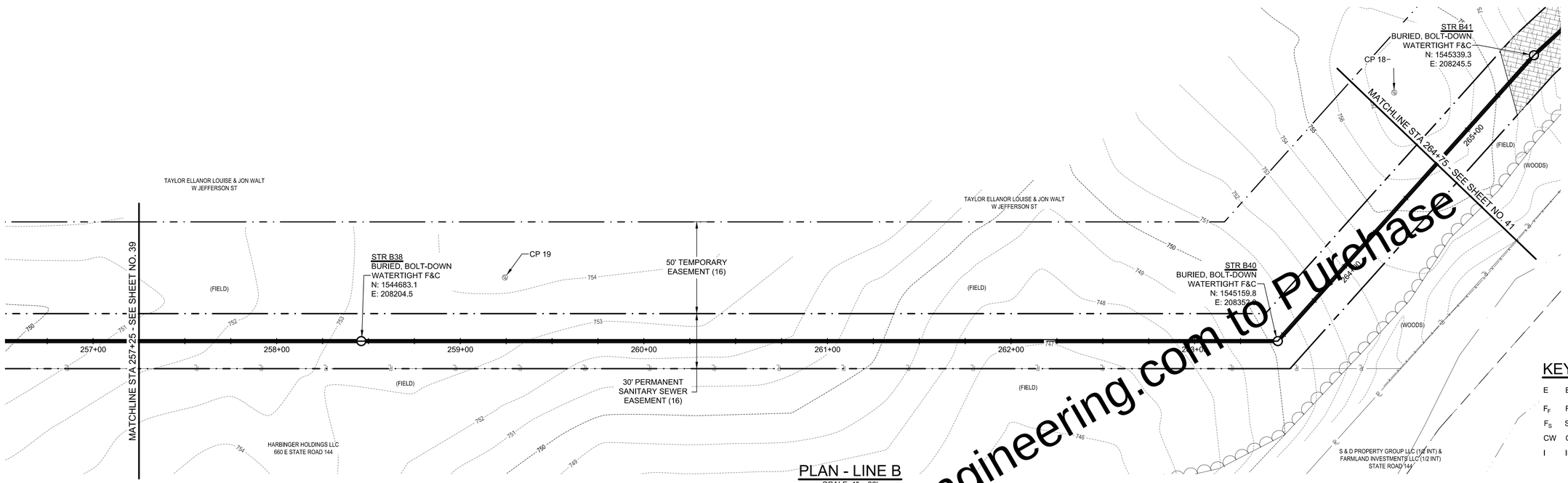
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(251+00 TO 257+25)

SHEET NO. **39**

TOTAL SHEETS 70

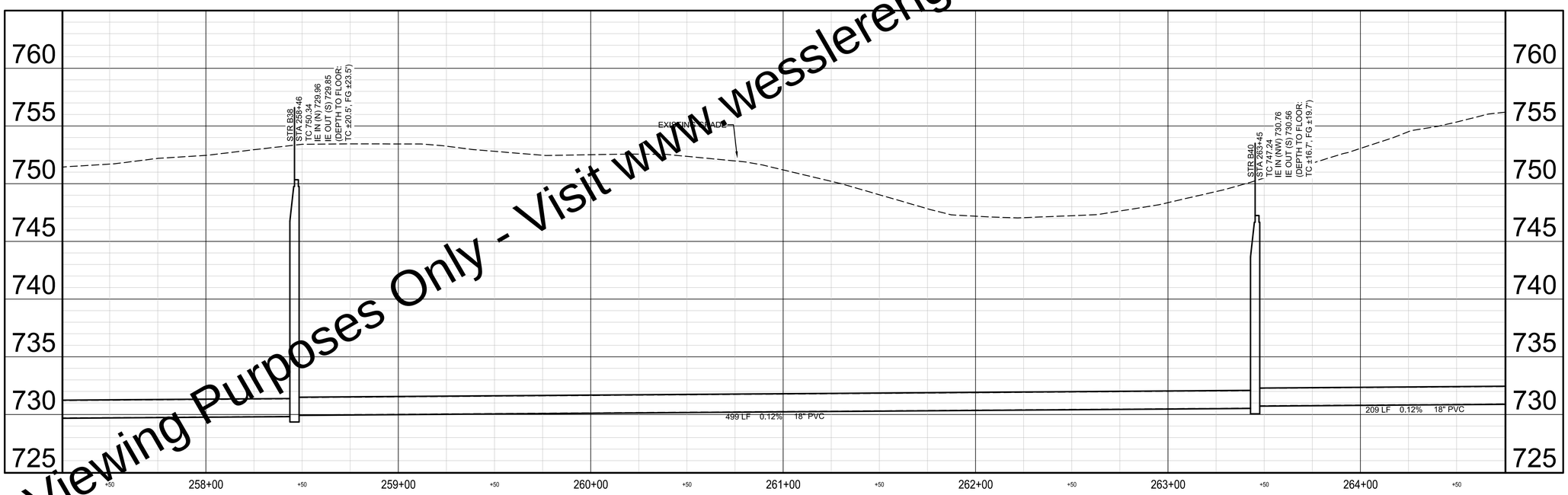


PLAN - LINE B

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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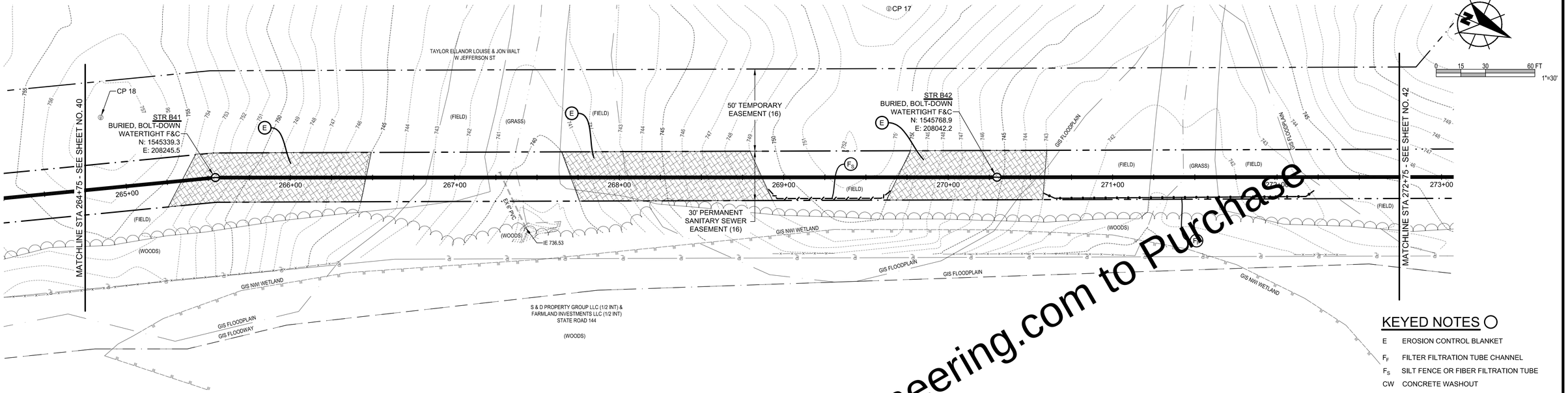
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(257+25 TO 264+75)

SHEET NO. **40**

TOTAL SHEETS 70



KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'

PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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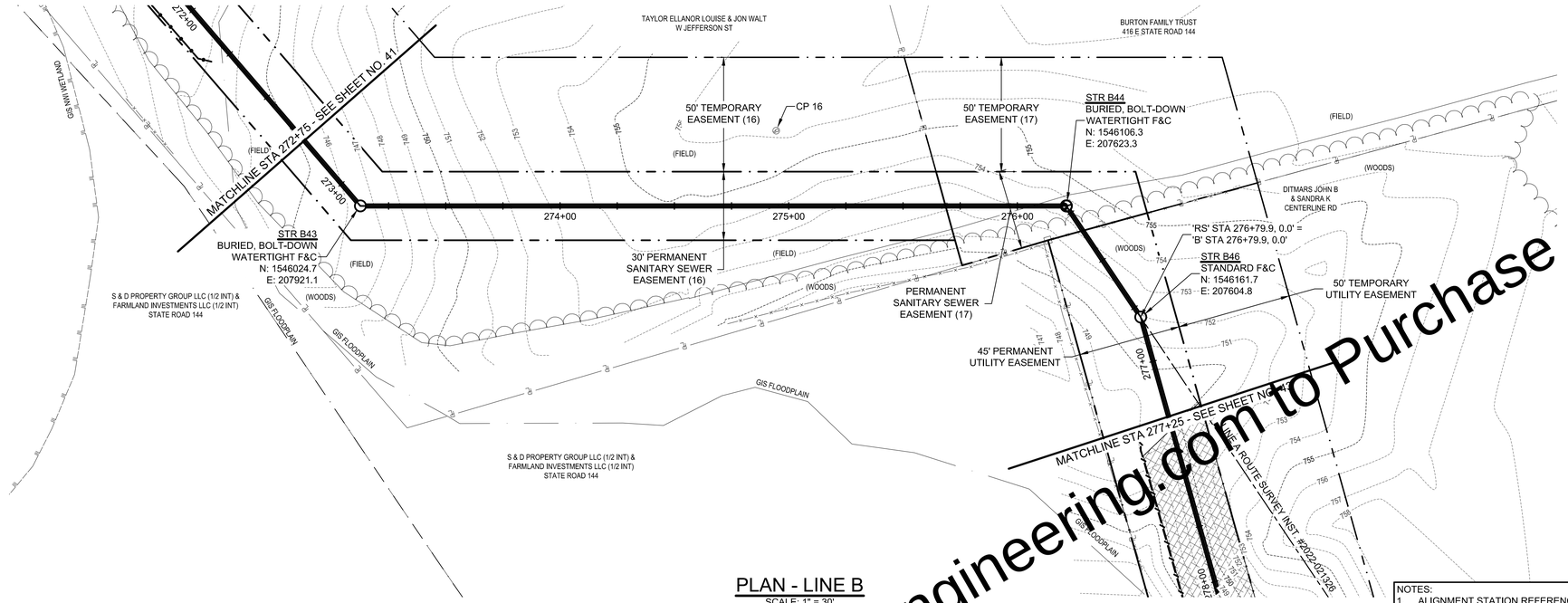
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(264+75 TO 272+75)

SHEET NO. **41**
TOTAL SHEETS 70



PLAN - LINE B

SCALE: 1" = 30'

PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022-021326
   'B' - LINE B SEWER

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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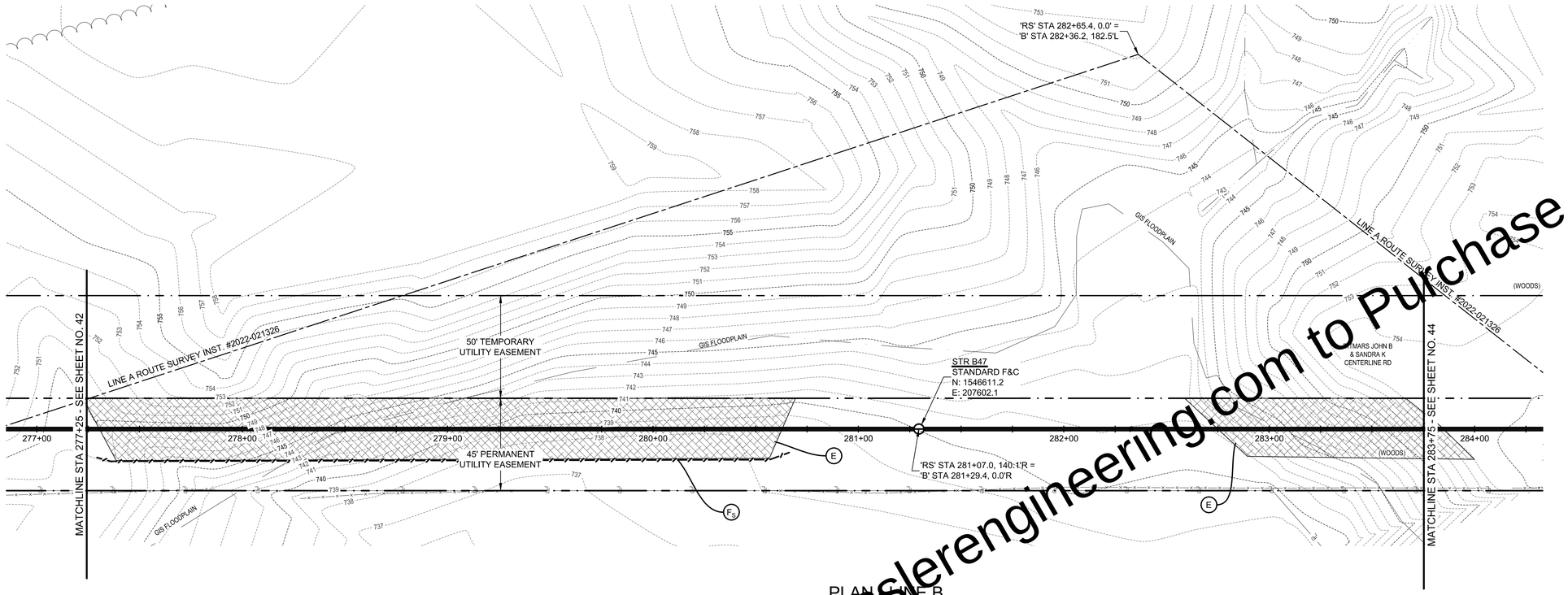
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

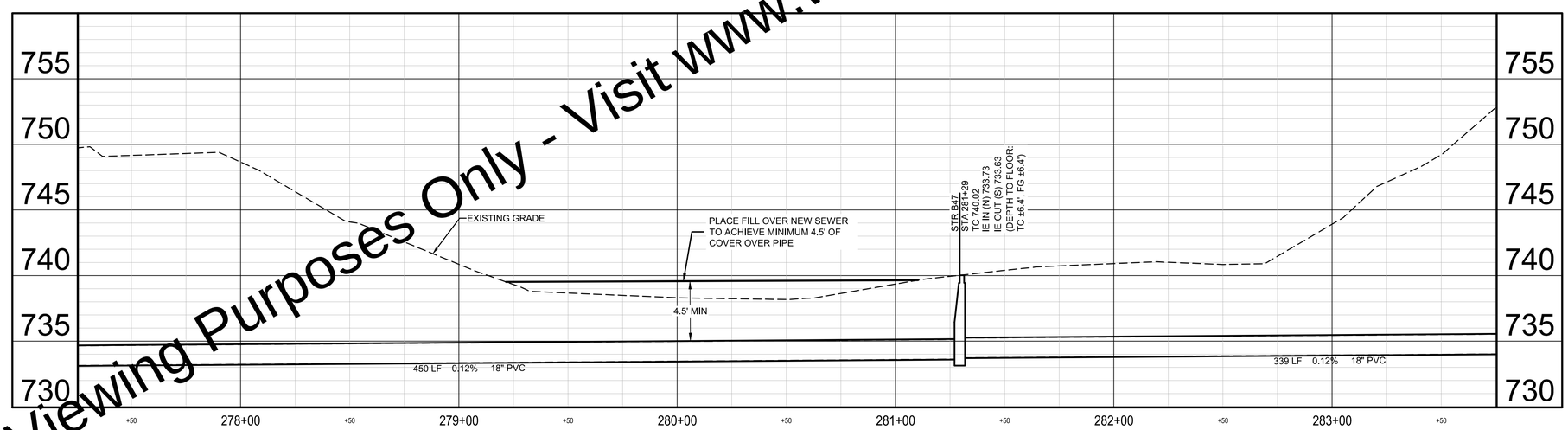
PLAN AND PROFILE - LINE B
(272+75 TO 277+25)

SHEET NO. **42**
TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-PP-B2.dwg | Layout: B20 | Plotted: 08/18/25 @ 02:21:37 | LastSavedBy: MichelleE



PLAN - LINE B
SCALE: 1" = 30'



PROFILE - LINE B
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022-021326
   'B' - LINE B SEWER

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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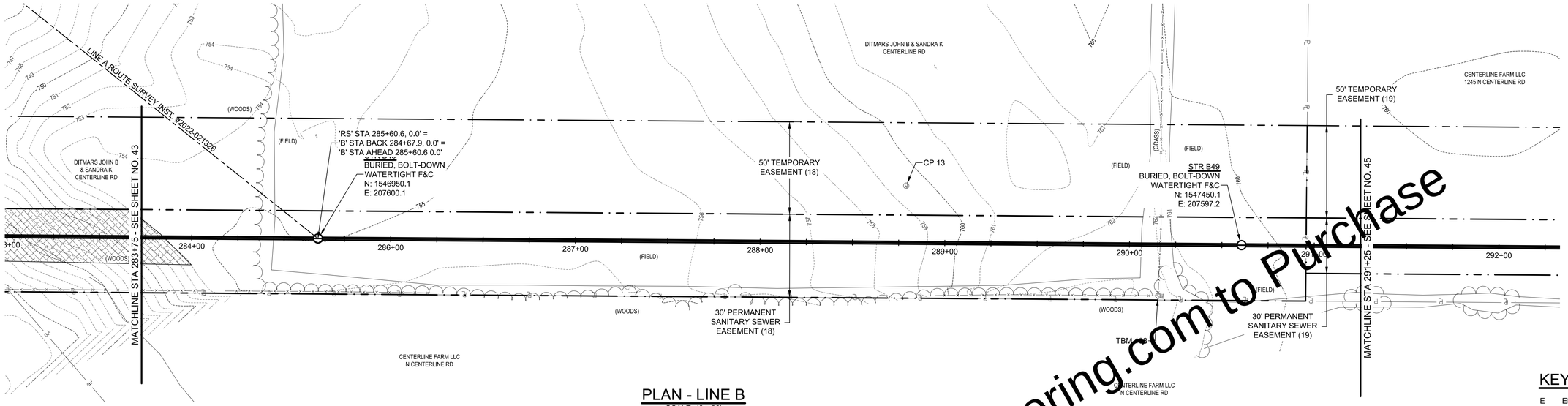
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

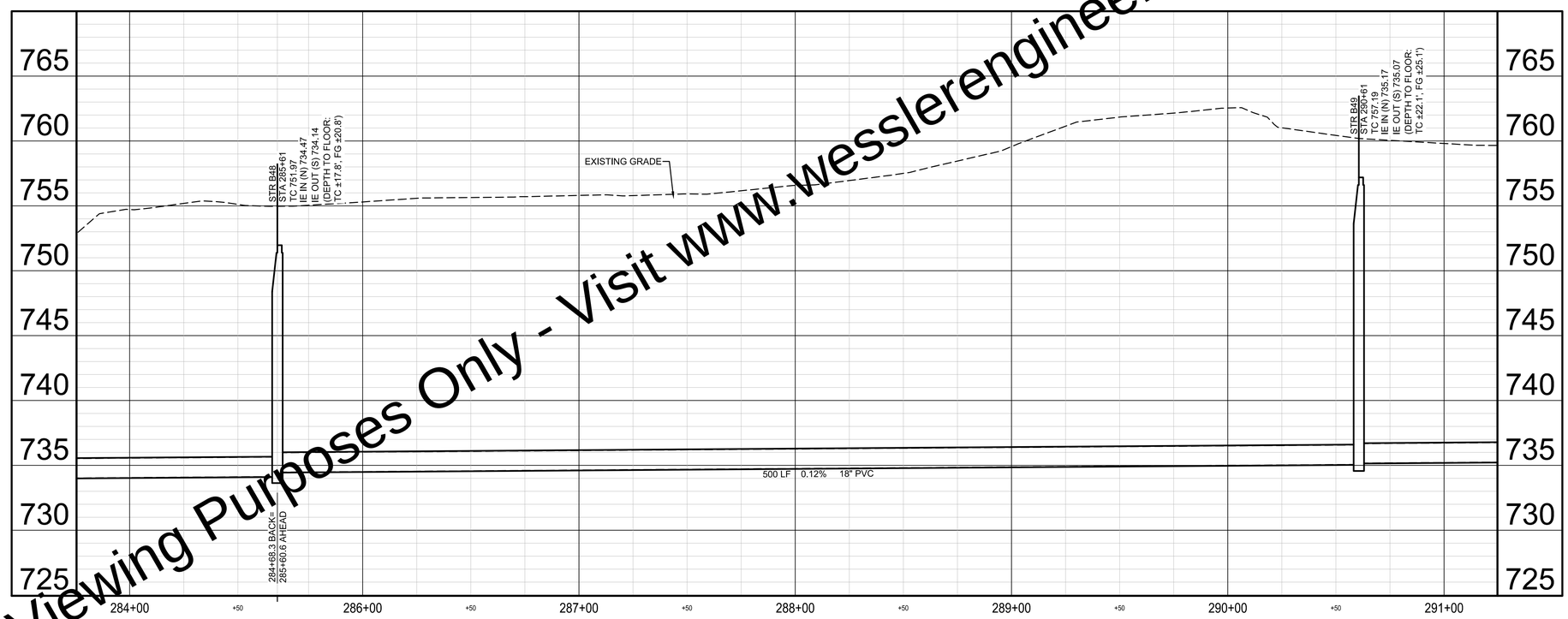
PLAN AND PROFILE - LINE B
(277+25 TO 283+75)

SHEET NO. **43**
TOTAL SHEETS 70



PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

- E — EROSION CONTROL BLANKET
- F_F — FILTER FILTRATION TUBE CHANNEL
- F_S — SILT FENCE OR FIBER FILTRATION TUBE
- CW — CONCRETE WASHOUT

NOTES:
1. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022-021326
   'B' - LINE B SEWER

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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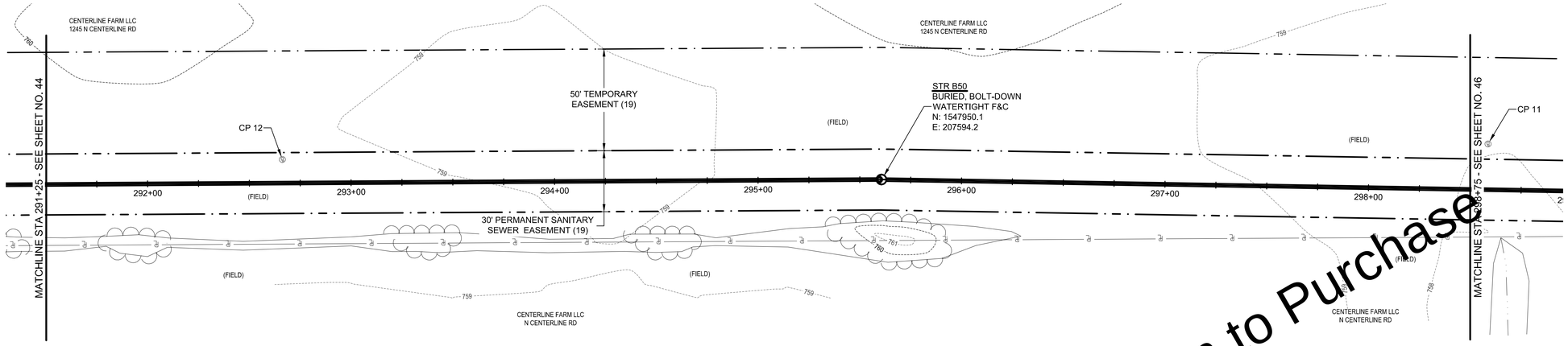
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B (283+75 TO 291+25)

SHEET NO. **44**

TOTAL SHEETS 70



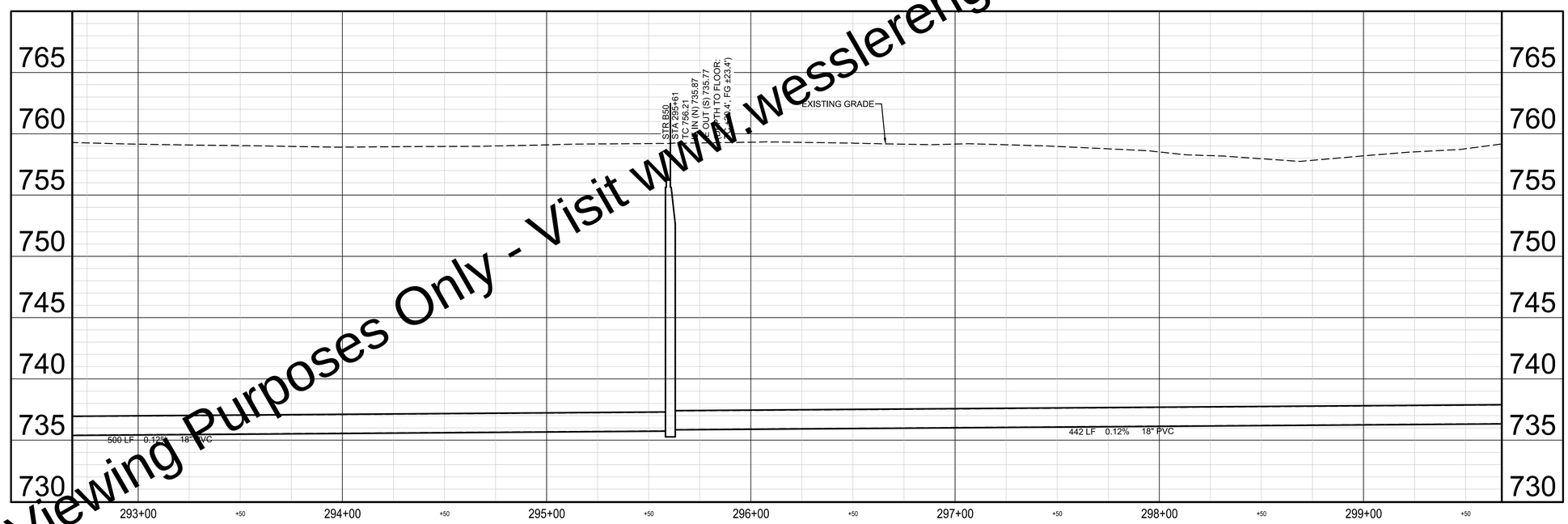
0 15 30 60 FT
1"=30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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No. 19500302
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09/02/2025

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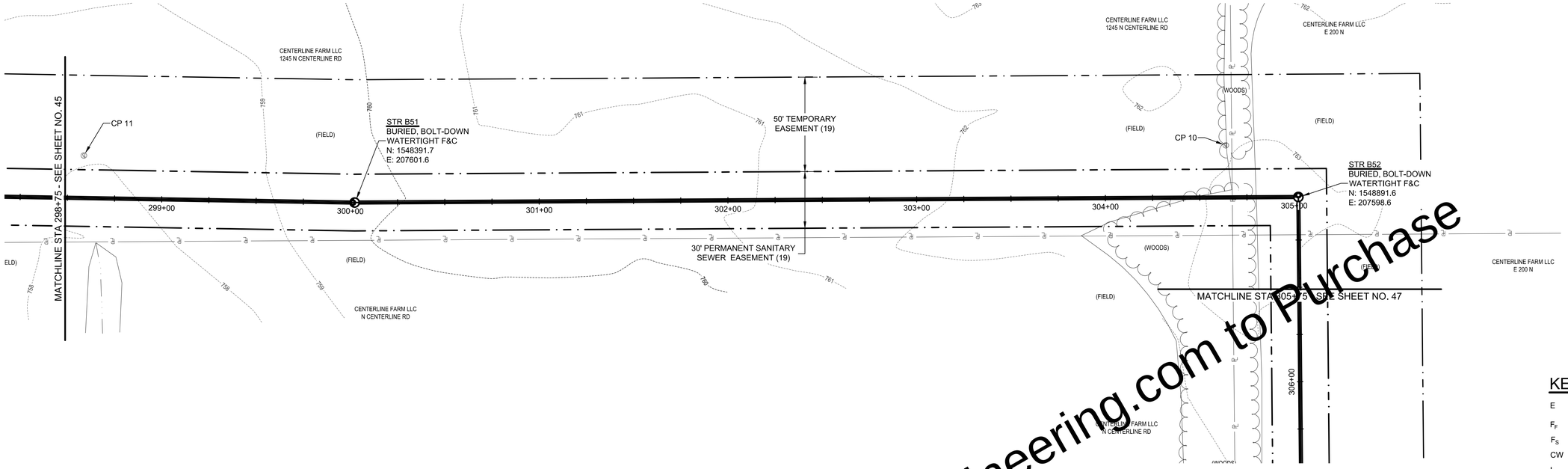
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(291+25 TO 298+75)

SHEET NO. **45**

TOTAL SHEETS 70



KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

PLAN - LINE B

SCALE: 1" = 30'

PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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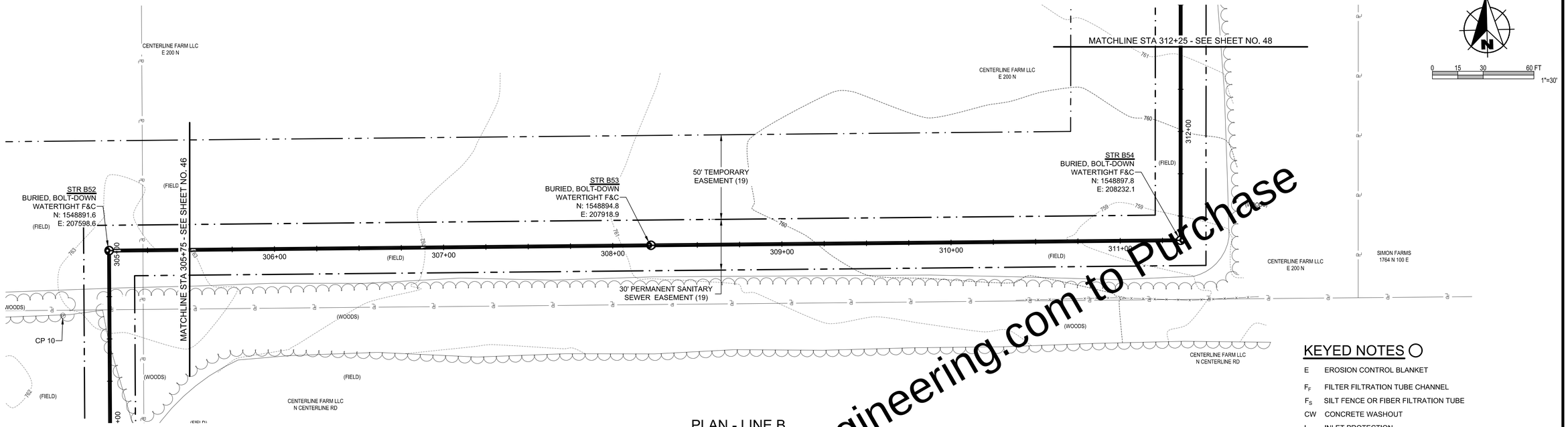
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(298+75 TO 305+75)

SHEET NO. **46**

TOTAL SHEETS 70

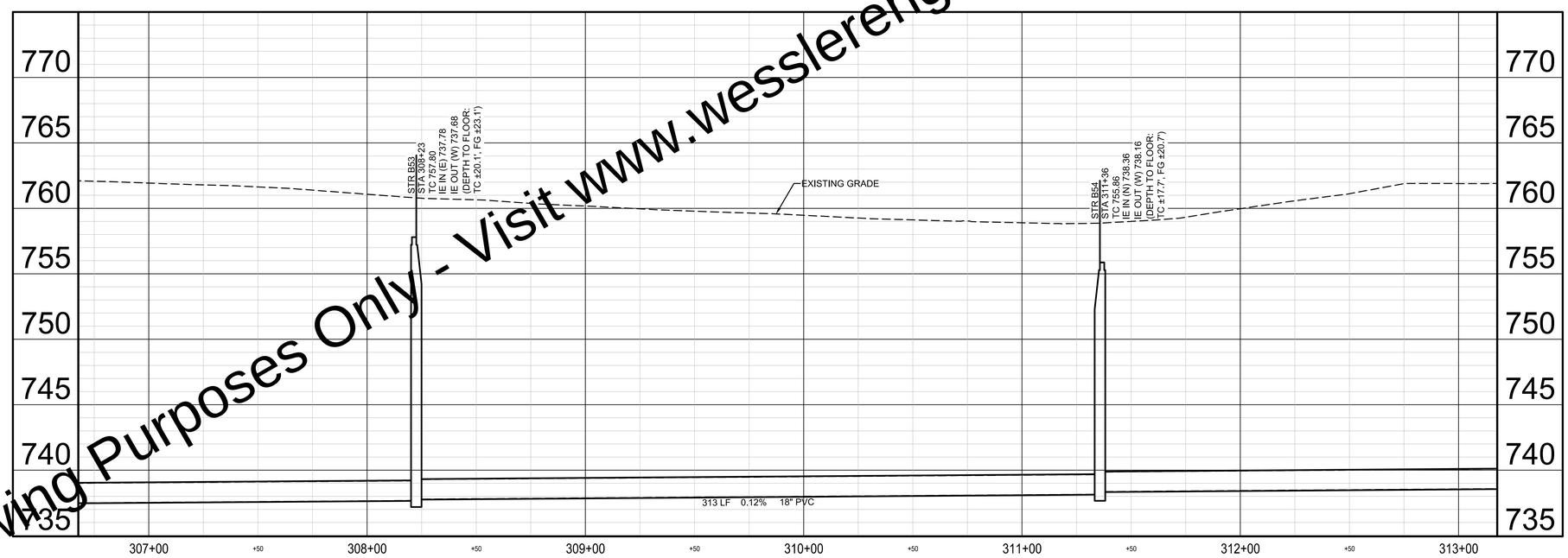


PLAN - LINE B

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE B

HORIZ SCALE: 1" = 30'

VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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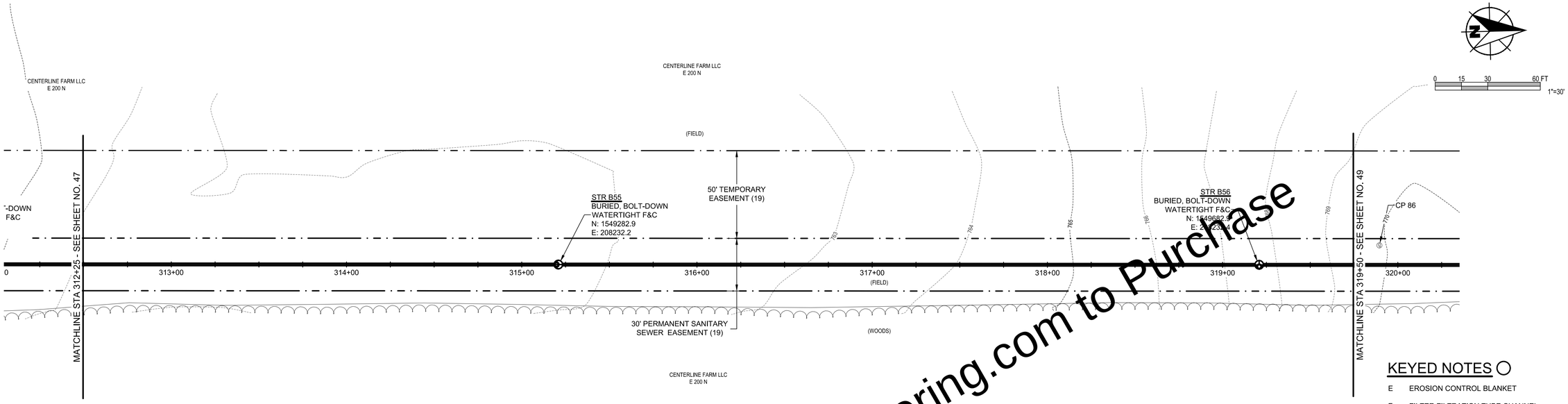
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(305+75 TO 312+25)

SHEET NO. **47**

TOTAL SHEETS 70

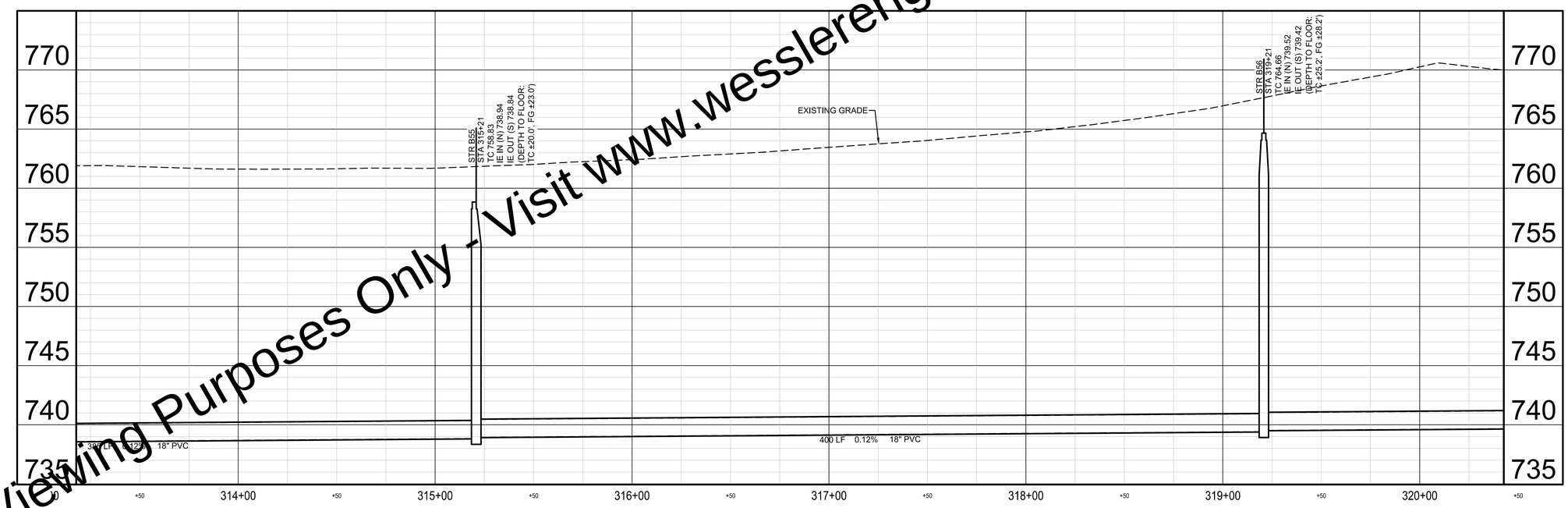


PLAN - LINE B

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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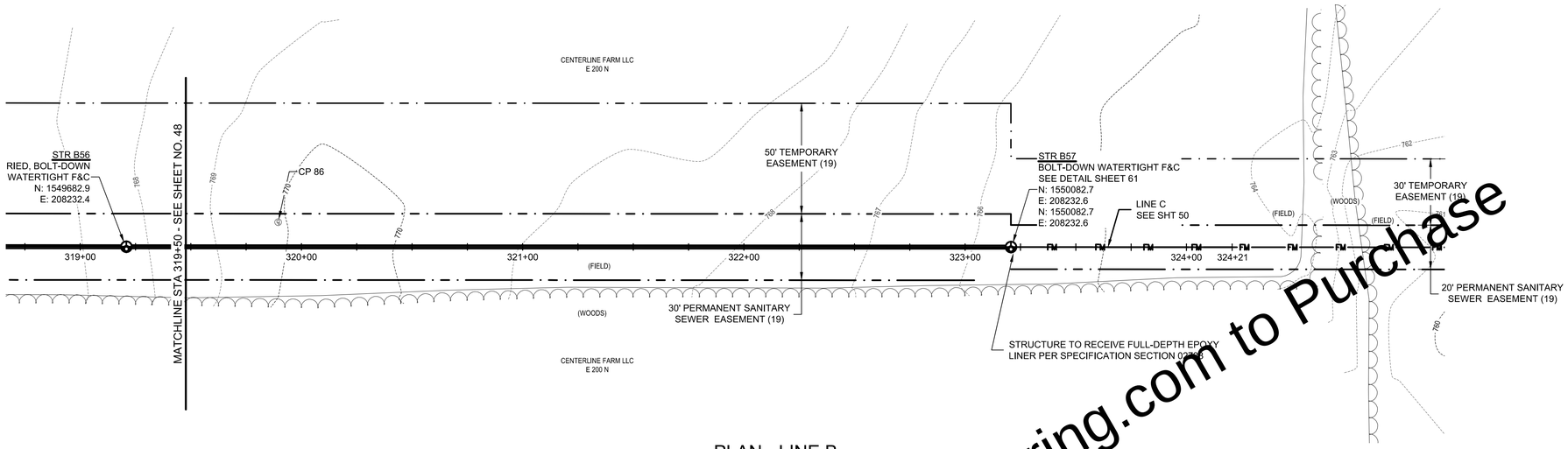
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(312+25 TO 319+50)

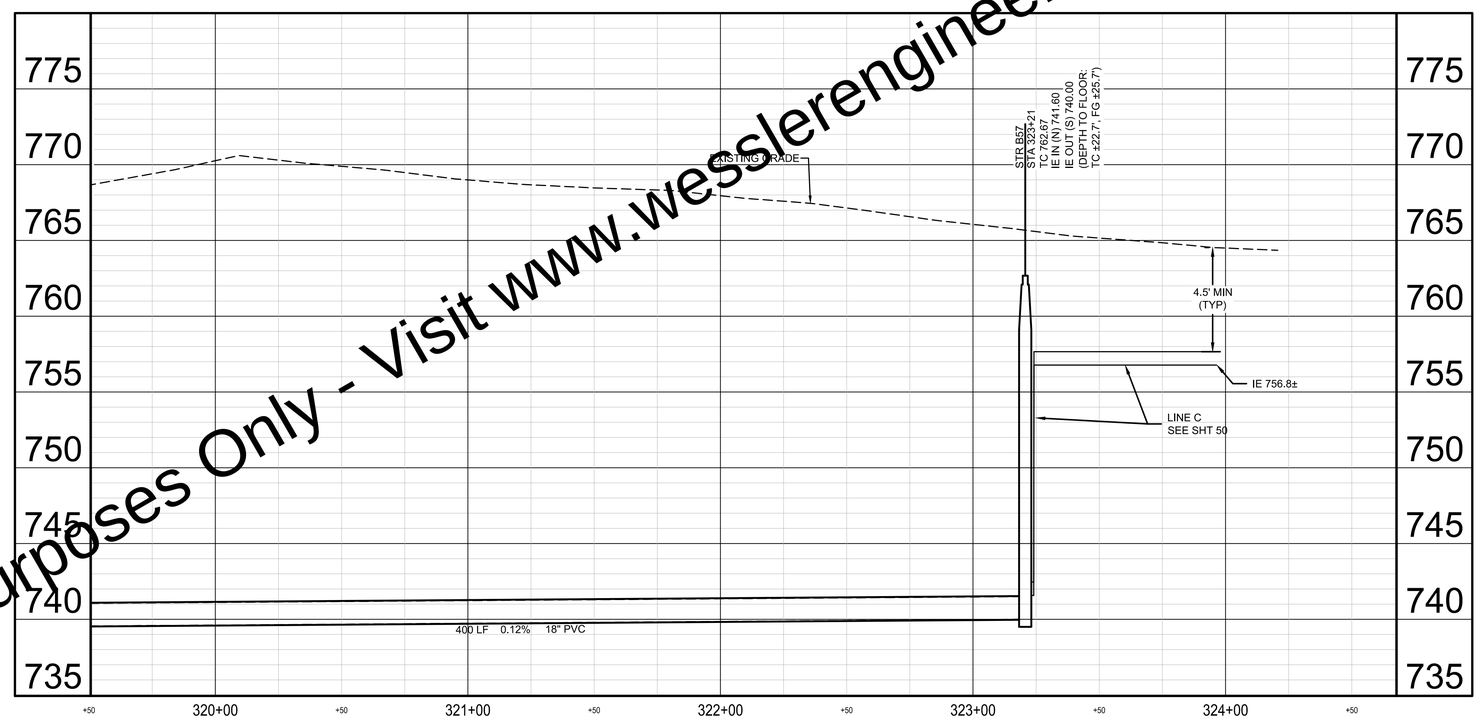
SHEET NO. **48**

TOTAL SHEETS 70



PLAN - LINE B

SCALE: 1" = 30'



PROFILE - LINE B

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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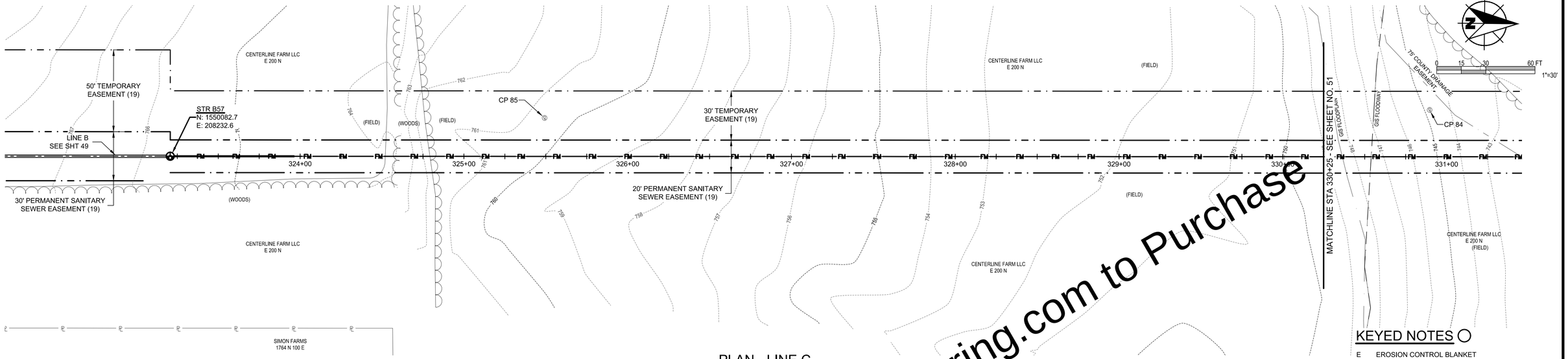
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE B
(319+50 TO END)

SHEET NO. **49**
TOTAL SHEETS 70

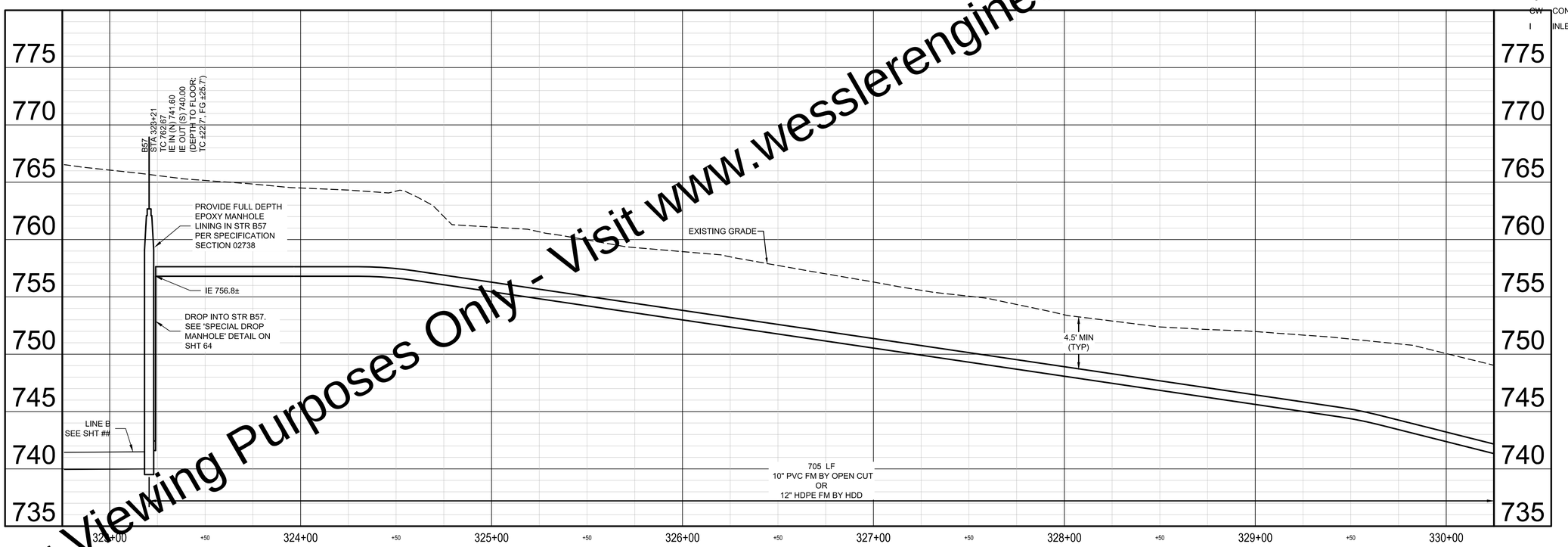


PLAN - LINE C

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE C

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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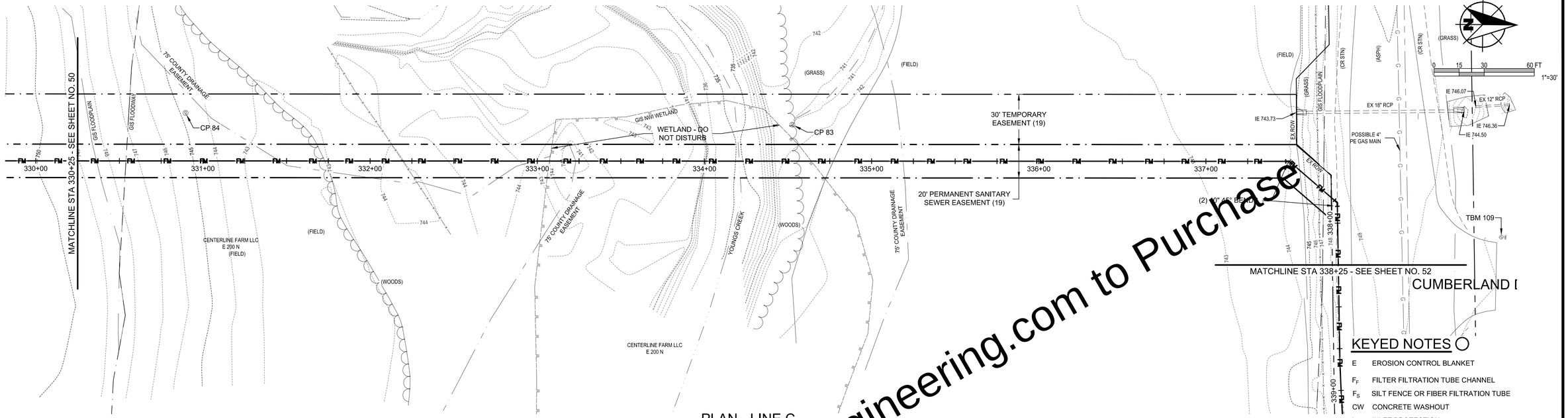
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE C
(323+21 TO 330+25)

SHEET NO. **50**
TOTAL SHEETS 70

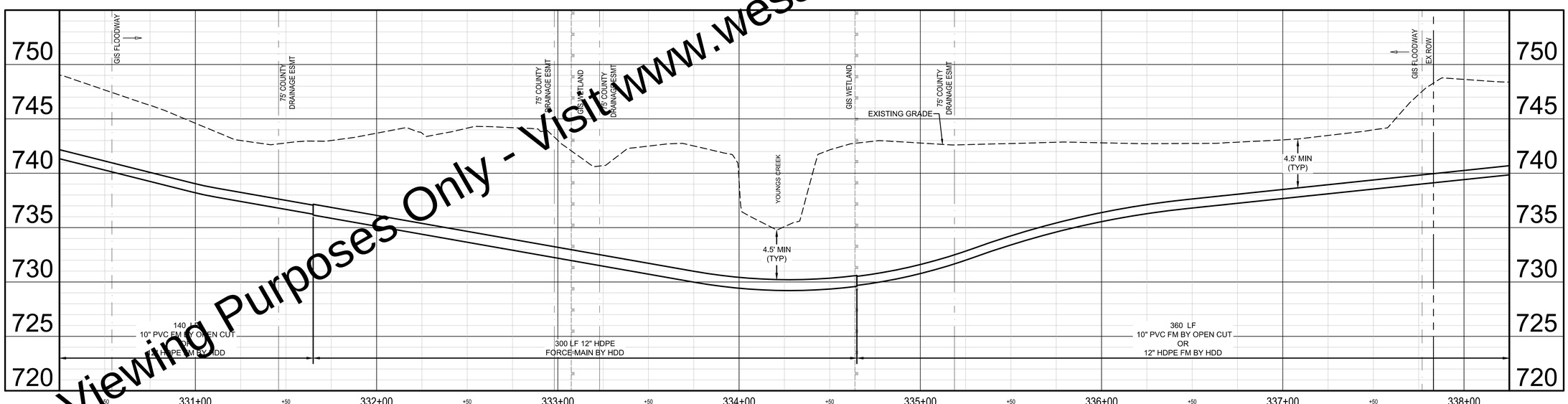


PLAN - LINE C

SCALE: 1" = 30'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE C

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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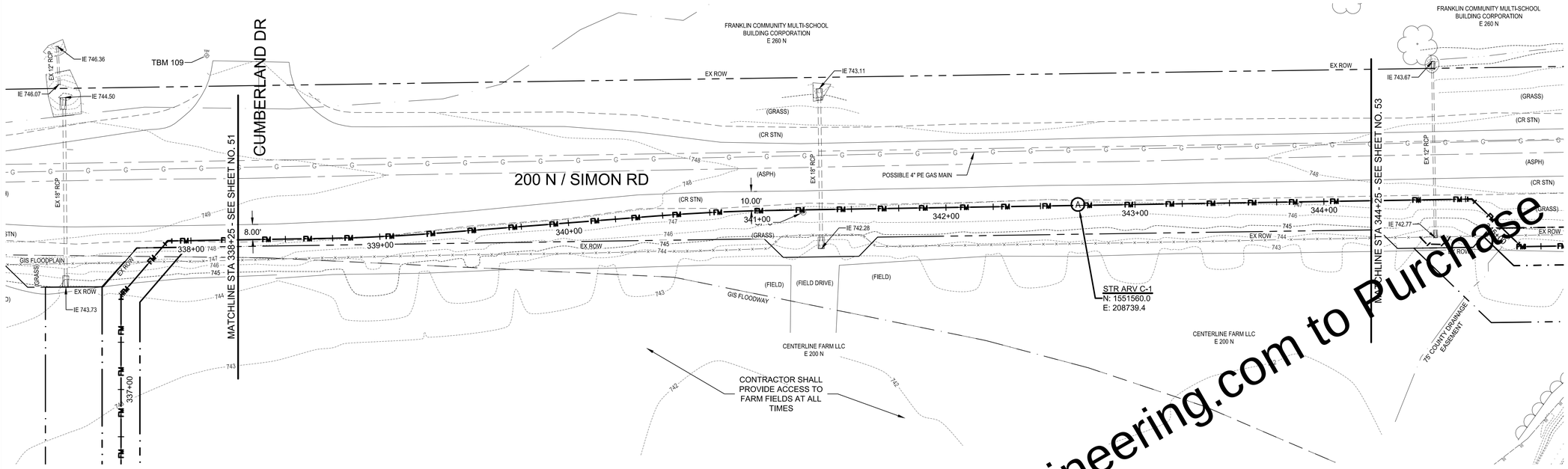
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE C (330+25 TO 338+25)

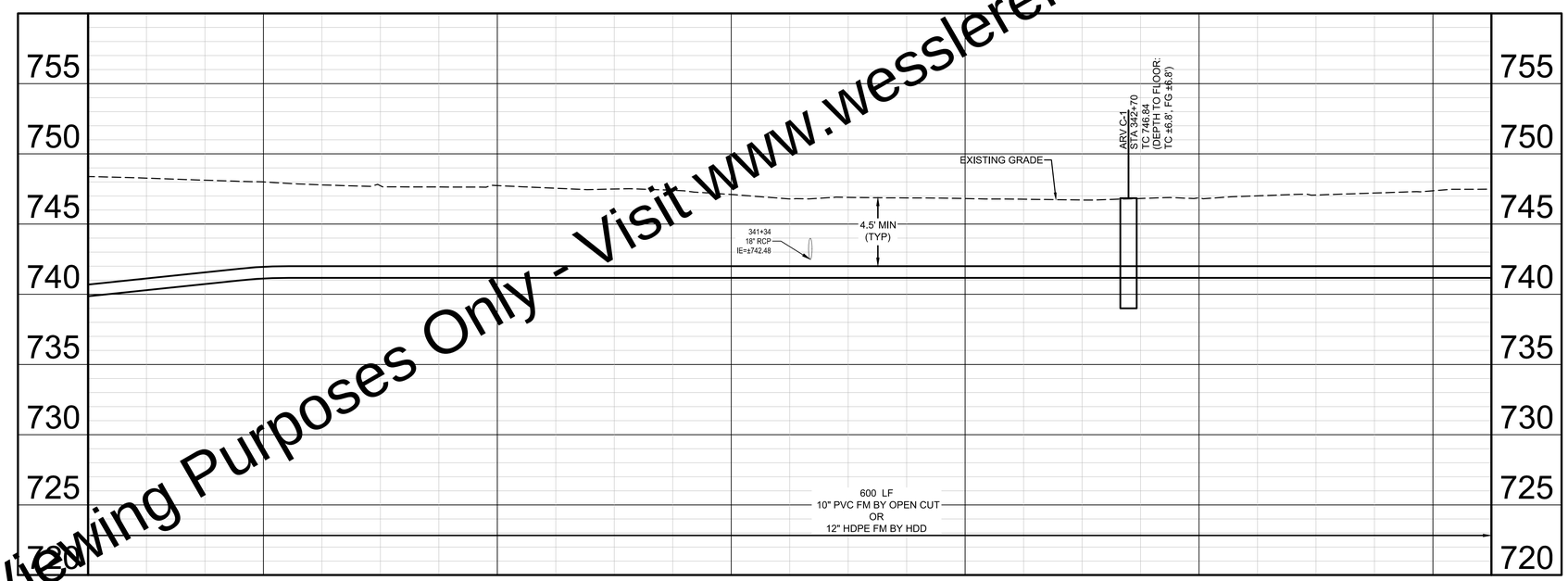
SHEET NO. **51**

TOTAL SHEETS 70



PLAN - LINE C

SCALE: 1" = 30'



PROFILE - LINE C

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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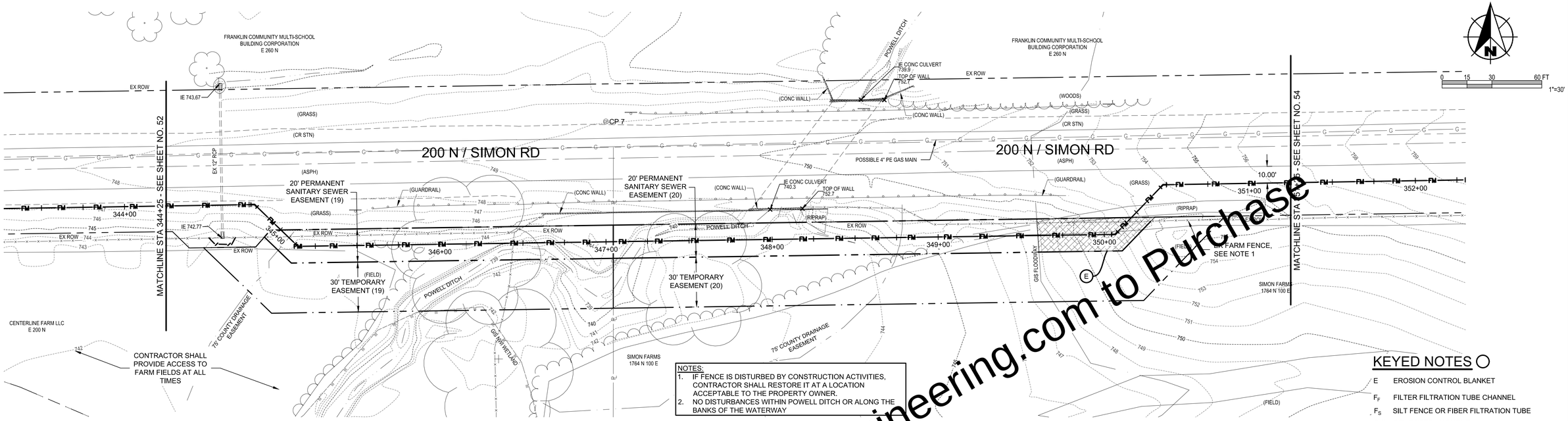
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE C
(338+25 TO 344+25)

SHEET NO. **52**
TOTAL SHEETS 70

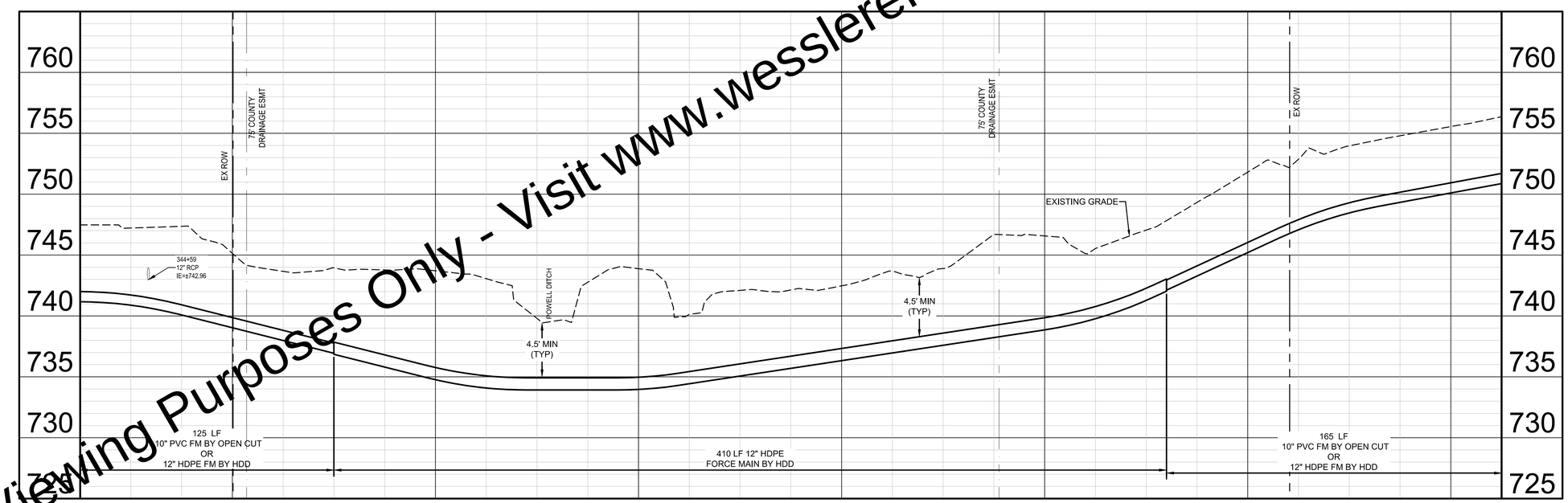
Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-PP-C.dwg | Layout: C3 | Plotted: 08/18/25 @ 02:43:33 | LastSavedBy: MichelleE



NOTES:
1. IF FENCE IS DISTURBED BY CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL RESTORE IT AT A LOCATION ACCEPTABLE TO THE PROPERTY OWNER.
2. NO DISTURBANCES WITHIN POWELL DITCH OR ALONG THE BANKS OF THE WATERWAY

PLAN - LINE C
SCALE: 1" = 30'

KEYED NOTES
- E — EROSION CONTROL BLANKET
- F_F — FILTER FILTRATION TUBE CHANNEL
- F_S — SILT FENCE OR FIBER FILTRATION TUBE
- CW — CONCRETE WASHOUT
- I — INLET PROTECTION



PROFILE - LINE C
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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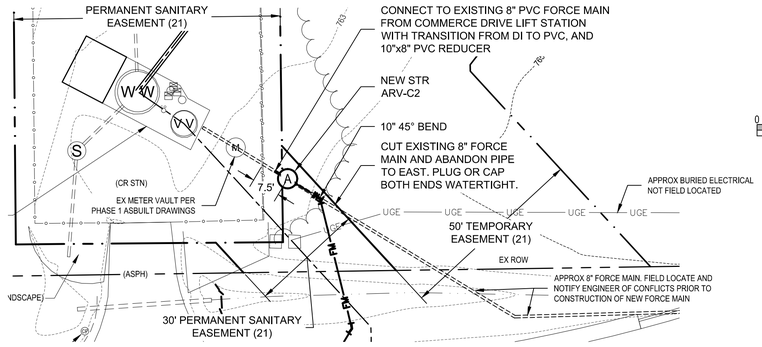
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

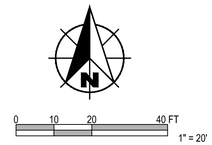
PLAN AND PROFILE - LINE C (344+25 TO 351+25)

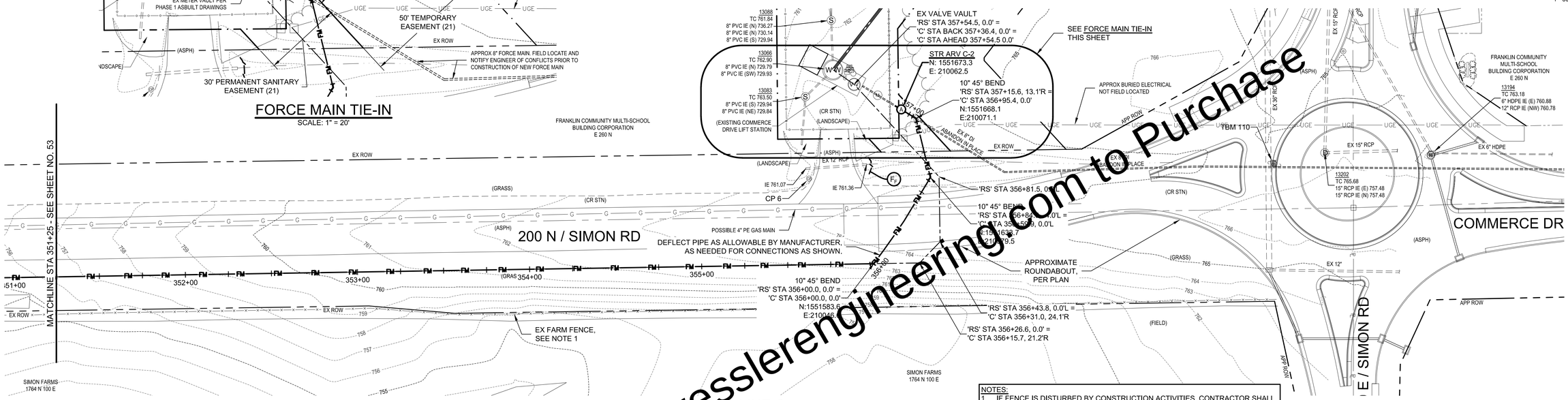
SHEET NO. **53**
TOTAL SHEETS 70



FORCE MAIN TIE-IN

SCALE: 1" = 20'





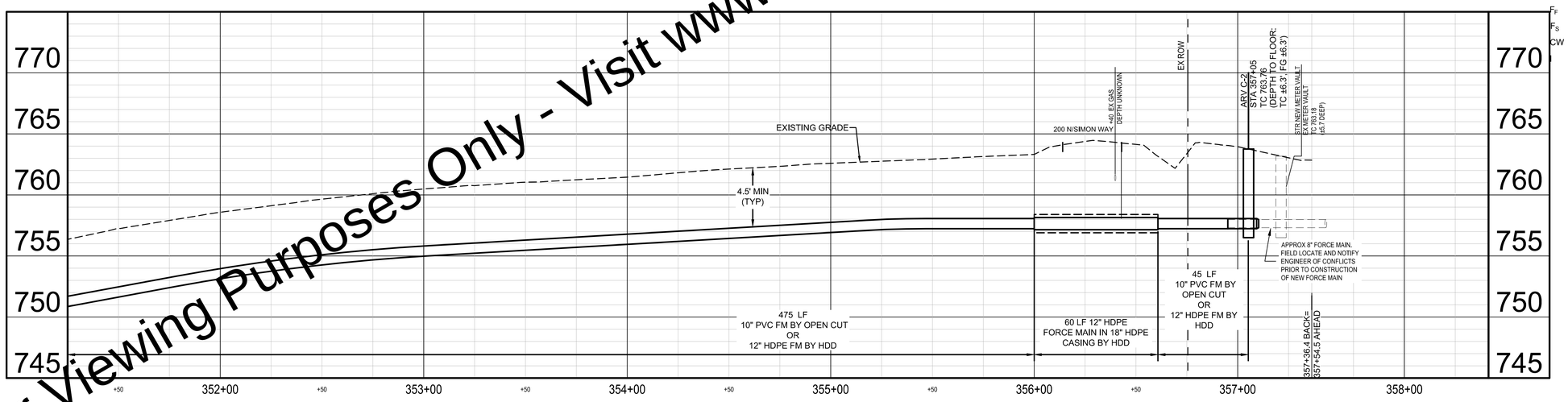
PLAN - LINE C

SCALE: 1" = 30'

NOTES:
1. IF FENCE IS DISTURBED BY CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL RESTORE IT AT A LOCATION ACCEPTABLE TO THE PROPERTY OWNER.
2. ALIGNMENT STATION REFERENCES AS FOLLOWS:
   'RS' - LINE A ROUTE SURVEY INST. #2022-021326
   'C' - LINE C FORCE MAIN

KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION



PROFILE - LINE C

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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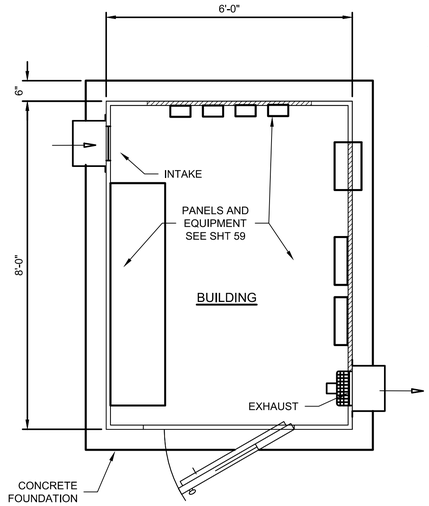
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PLAN AND PROFILE - LINE C (351+25 TO 357+05)

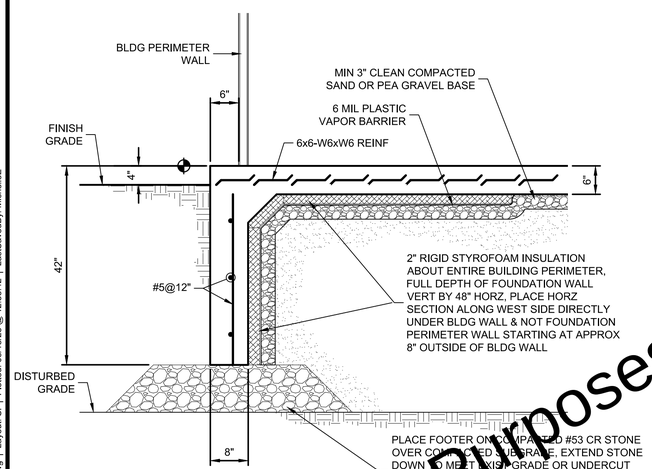
SHEET NO. **54**

TOTAL SHEETS 70



BUILDING FOUNDATION PLAN

SCALE: 2" = 1'-0"

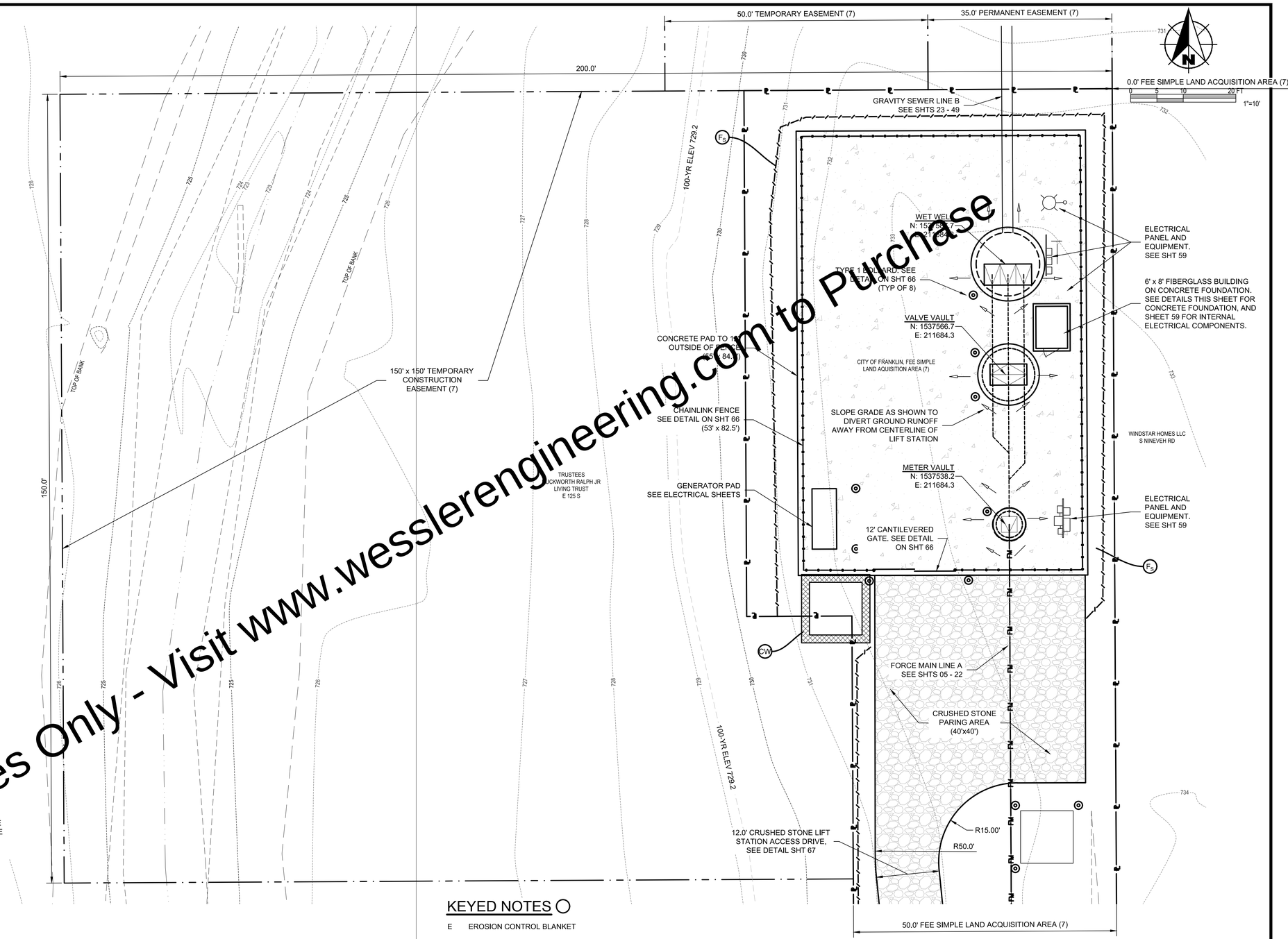


NOTES

1. THE CONCRETE FLOOR AND FOUNDATION WALLS ARE SHOWN AS A SINGLE MONOLITHIC CAST. THE CONTRACTOR MAY CAST THE FLOOR SEPARATE FROM THE FOUNDATION WALLS.
   SHOULD THE FLOOR AND WALLS BE CAST SEPARATELY, PROVIDE A ½" PREFORMED EXPANSION JOINT CONTINUOUS ABOUT THE ENTIRE PERIMETER OF THE FOUNDATION WALL.

BUILDING TYPICAL FOUNDATION SECTION

SCALE: 3/4" = 1'-0"



KEYED NOTES

E	EROSION CONTROL BLANKET
F_F	FILTER FILTRATION TUBE CHANNEL
F_S	SILT FENCE OR FIBER FILTRATION TUBE
CW	CONCRETE WASHOUT
I	INLET PROTECTION

LIFT STATION SITE PLAN

SCALE: 1" = 10'

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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WESSLER ENGINEERING
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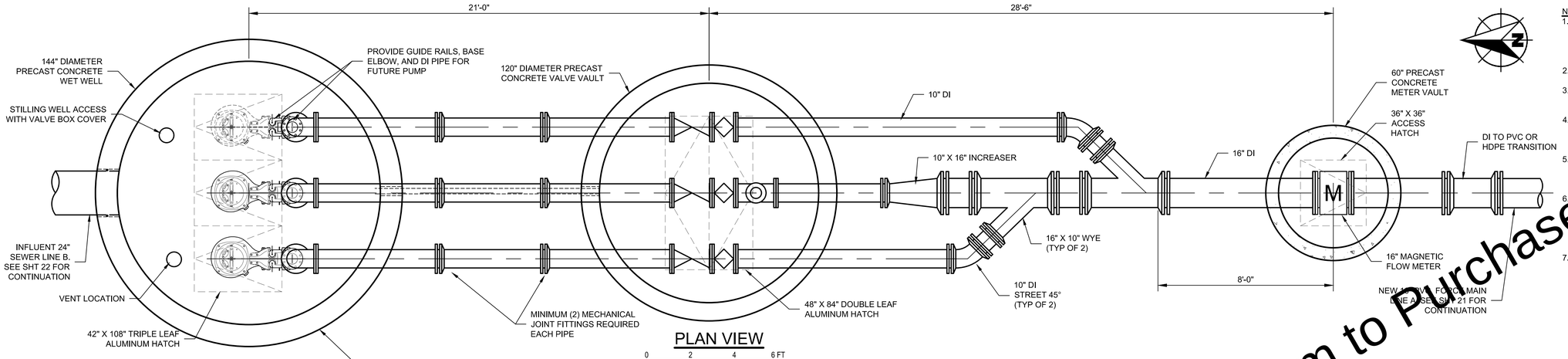
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

NEW WESTSIDE REGIONAL LIFT STATION SITE PLAN

SHEET NO. **55**

TOTAL SHEETS 70

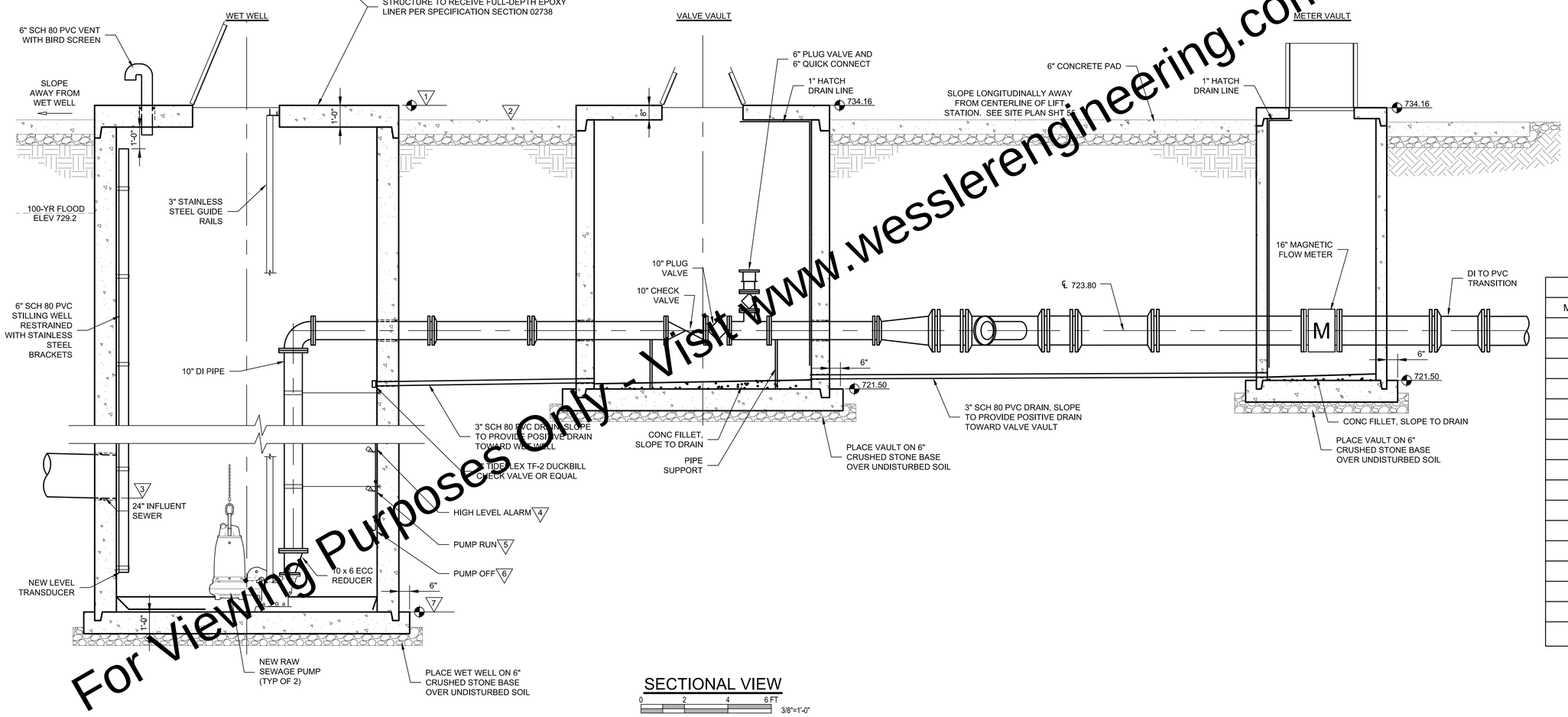


PLAN VIEW

0 2 4 6 FT
3/8"=1'-0"

NOTES:

1. THE PUMP EQUIPMENT FOR THE WET WELL, INCLUDING PUMPS, GUIDE RAILS, AND SUPPORT BRACKETS, SHALL BE FURNISHED BY THE SAME MANUFACTURER. SEE SPECIFICATION SECTION 11200. PUMP CONTROLS AND CONTROL PANELS SHALL BE AS DESCRIBED IN THE ELECTRICAL DRAWINGS AND SPECIFICATION SECTION 11200.
2. INSTALL CONCRETE FILLET INTO THE BOTTOM OF THE WET WELL PER PUMP MANUFACTURER'S RECOMMENDATIONS.
3. NO PIPE PENETRATIONS WITHIN WET WELL OR VALVE VAULT SHALL BE ALLOWED WITHIN 12" OF ANY BARREL SECTION JOINT. BARREL SECTION HEIGHTS SHALL BE COORDINATED ACCORDINGLY.
4. ALL NUTS, BOLTS AND HARDWARE IN ALL LOCATIONS, AND BRACKETS, SUPPORTS AND ALL OTHER APPURTENANCES IN WET WELL SHALL BE 316 STAINLESS STEEL UNLESS SPECIFICATION INDICATES OTHERWISE OR AS DIRECTED BY ENGINEER.
5. TAP EACH PUMP DISCHARGE LINE (3 TOTAL) IN THE VALVE VAULT, IMMEDIATELY PRECEDING CHECK VALVES, WITH A 1/2" STAINLESS STEEL PIPE, 1/2" ISOLATION VALVE, AND CUP. PROVIDE 0-50 PSI PRESSURE GAUGE TO BE FURNISHED LOOSE TO OWNER.
6. WET WELL AND VALVE VAULT TOP SLABS SHALL BE PRECAST REINFORCED CONCRETE, BY SAME MANUFACTURER AS BARREL SECTIONS. ACCESS HATCHES SHALL BE INCLUDED IN CASTING OF TOP SLABS. VERIFY EXACT LOCATION OF WET WELL HATCH WITH PUMP MANUFACTURER. VALVE VAULT HATCH SHALL BE CENTERED OVER STRUCTURE, ALIGNED PERPENDICULAR TO FORCE MAIN PIPING.
7. ALL RIGID PIPE CONNECTIONS THROUGH THE WET WELL AND VALVE VAULT WALLS SHALL BE THROUGH CORE DRILLED OR FACTORY FORMED PENETRATIONS. INSTALL WITH MECHANICAL WALL SEAL, LINK SEAL OR EQUAL SIZE OF WALL PENETRATIONS SHALL BE AS RECOMMENDED BY THE MECHANICAL SEAL MANUFACTURER FOR THE SIZE AND MATERIAL OF PIPE TO BE INSTALLED. FILL VOIDS BETWEEN MECHANICAL SEAL AND OUTER SURFACES OF THE STRUCTURE WITH NON SHRINK GROUT. THE PVC VALVE VAULT DRAIN SHALL BE INSTALLED BY THE SAME MANNER. ALL FLEXIBLE PIPE PENETRATIONS (SEWER) MAY BE INSTALLED BY THE SAME MANNER, OR AS SHOWN IN THE STANDARD SANITARY SEWER MANHOLE DETAIL ON SHEET NO 64.



SECTIONAL VIEW

0 2 4 6 FT
3/8"=1'-0"

LIFT STATION SCHEDULE		
MARK	DESCRIPTION	NEW LIFT STATION
1	TOP ELEVATION	734.16
2	FINISH GRADE	733.50
3	SEWER INVERT ELEVATION	704.59
4	HIGH LEVEL ALARM	704.50
5	PUMP ON	704.00
6	PUMP OFF	701.00
7	BOTTOM ELEVATION	699.50
	FORCE MAIN HIGH POINT	755.00
	FORCE MAIN SIZE	16-INCH
	STATIC LIFT	54 FT
	H/L (C=120)	34 FT
	ESTIMATED TDH	88 FT
	GPM	1,828
	MOTOR HP	60
	MOTOR RPM	1,755
	PHASE/VOLT	3 / 480

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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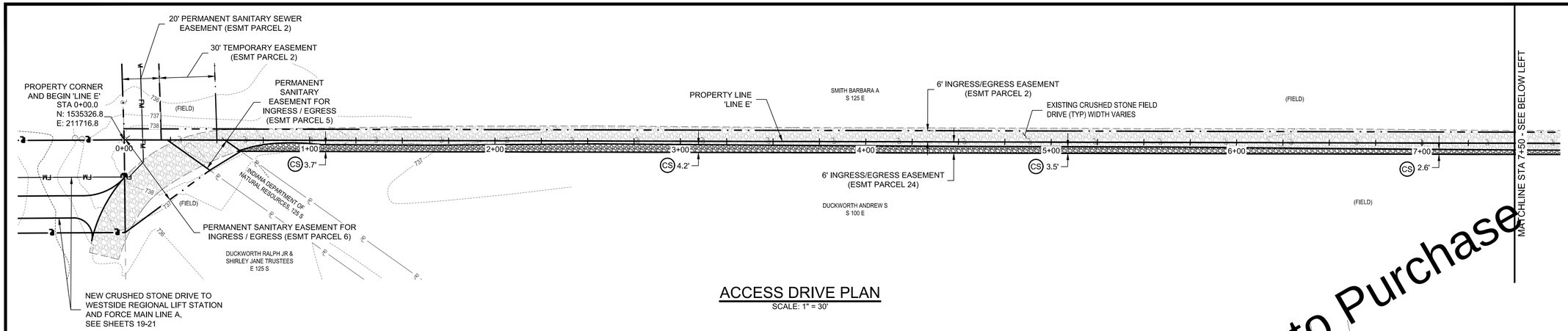
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

NEW WESTSIDE REGIONAL LIFT STATION PLAN AND SECTION

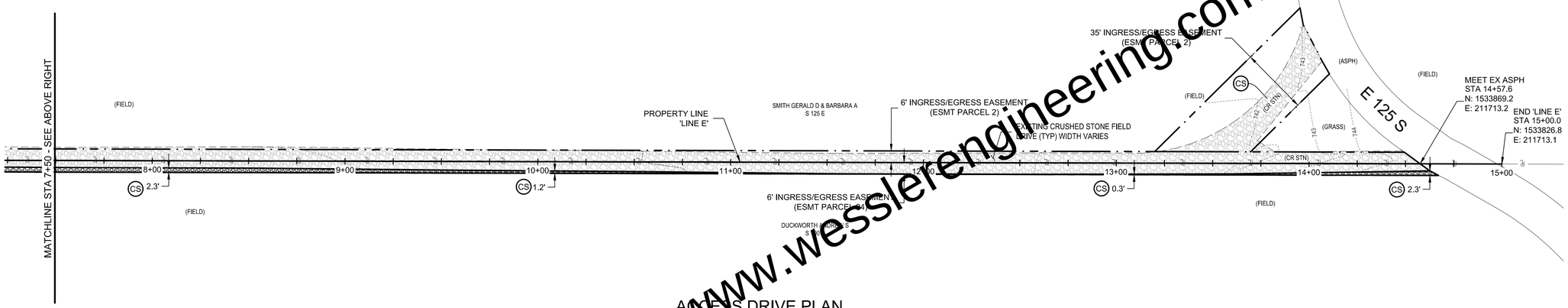
SHEET NO. **56**

TOTAL SHEETS 70



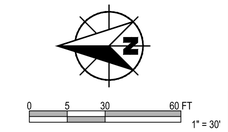
ACCESS DRIVE PLAN

SCALE: 1" = 30'



ACCESS DRIVE PLAN

SCALE: 1" = 30'



GENERAL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN OR AS DETERMINED NECESSARY BY CONTRACTOR TO PROVIDE ADEQUATE CONTROL FOR THE CONSTRUCTION AREA.

KEYED NOTES

CS WIDEN EXISTING CRUSHED STONE DRIVE TO WEST LIMITS OF NEW 12' PERMANENT ACCESS EASEMENT:

- PRIOR TO AND DURING CONSTRUCTION ACTIVITIES, PROVIDE AND MAINTAIN 12' WIDE STABLE CONSTRUCTION ENTRANCE PER DETAIL ON SHT 68 WITHIN PERMANENT ACCESS EASEMENT.
- FOLLOWING CONSTRUCTION ACTIVITIES, RESTORE FULL 12' WIDTH OF CRUSHED STONE LIFT STATION ACCESS DRIVE WITH 2" OF COMPACTED AGGREGATE, NO. 53
- DETAIL SHEET 67

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	BAS
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

NEW WESTSIDE REGIONAL LIFT STATION ACCESS DRIVE IMPROVEMENT PLAN

SHEET NO. **57**

TOTAL SHEETS 70

PANEL SCHEDULE

DESIGNATION:	LP-1	MAINS:	60 AMP MAIN CIRCUIT BREAKER
LOCATION:	RISERS	BUS SIZE	100 AMP
VOLTAGE:	120/208 V AC	PANEL MOUNTING:	MPU
PHASE:	3 PHASE, 4 WIRE	ALL BREAKERS:	10000 A.I.C. (MINIMUM)

CKT. NO.	LOAD DESCRIPTION	#	KVA	CKT. BKR. AMPS	CKT. BKR. POLE	KVA A	KVA B	KVA C	CKT. BKR. AMPS	CKT. BKR. POLE	KVA	#	LOAD DESCRIPTION	CKT. NO.
1	SITE POLE LIGHT	1	0.20	20	1	0.20			20	1			SPARE	2
3	RECEPT.	1	0.24	20	1		0.24		20	1			SPARE	4
5	SPARE			20	1			0.00	20	1			SPARE	6
7	LP-2	5	2.67	60	3	5.17			20	2	2.50	4	GENERATOR LOAD CENTER	8
9			2.67				5.17				2.50		SPARE	10
11			2.67					2.67	20	1			SPARE	12
13	SPARE			20	1	0.00			30	3	0.00	4	SPD	14
15	SPARE			20	1		0.00							16
17	SPARE			20	1			0.00						18
	TOTAL CONNECTED LOAD:					5.37	5.41	2.67	TOTAL =		13.45	KVA		

\# ONE (1) OR TWO (2) DIGIT NUMBERS REFER TO CONDUIT & WIRE SCHEDULE ON THIS SHEET.

10 1-pole 20A breakers, 1 2-pole 20A breaker, 1 3-pole 30A breaker, 1 3-pole 60A breaker

PANEL SCHEDULE

DESIGNATION:	LP-2	MAINS:	60 AMP MAIN CIRCUIT BREAKER
LOCATION:	STATION STRUCTURE	BUS SIZE	100 AMP
VOLTAGE:	120/208 V AC	PANEL MOUNTING:	SURFACE
PHASE:	3 PHASE, 4 WIRE	ALL BREAKERS:	10000 A.I.C. (MINIMUM)

CKT. NO.	LOAD DESCRIPTION	#	KVA	CKT. BKR. AMPS	CKT. BKR. POLE	KVA A	KVA B	KVA C	CKT. BKR. AMPS	CKT. BKR. POLE	KVA	#	LOAD DESCRIPTION	CKT. NO.
1	RECEPT.	1	0.24	15	1	0.94			20	1	0.70	1	INTERIOR LIGHTS	2
3	FLOW METER	1	0.55	15	1		0.55		20	1		1	EXHAUST FAN	4
5	SPARE			20	1			0.00	20	1			SPARE	6
7	EXTERIOR LIGHTS	1	0.22	20	1	0.22			20	1			SPARE	8
9	SPARE			20	1		0.75		20	1	0.75	1	AIR CONDITIONER	10
11	HEATER	1	0.95	20	1			0.95	20	1			SPARE	12
	TOTAL CONNECTED LOAD:					1.16	1.30	0.95	TOTAL =		3.41	KVA		

\# ONE (1) OR TWO (2) DIGIT NUMBERS REFER TO CONDUIT & WIRE SCHEDULE ON THIS SHEET.

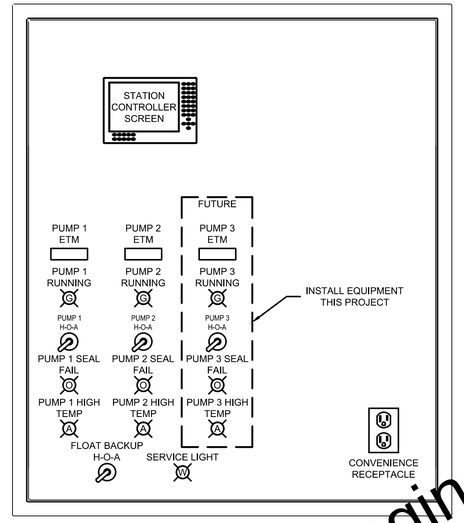
2 1-pole 15A breakers, 10 1-pole 20A breakers

PANELBOARD BRANCH CIRCUIT CONDUIT & CABLE SCHEDULE

#	DESCRIPTION
1	1" CONDUIT WITH 2 #12 CONDUCTORS AND 1 #12 GROUND CONDUCTOR.
2	1" CONDUIT WITH 3 #12 CONDUCTORS AND 1 #12 GROUND CONDUCTOR.
3	1" CONDUIT WITH 2 #10 CONDUCTORS AND 1 #10 GROUND CONDUCTOR.
4	1" CONDUIT WITH 3 #10 CONDUCTORS AND 1 #10 GROUND CONDUCTOR.
5	1" CONDUIT WITH 3 #6 CONDUCTORS, 1 #6 NEUTRAL AND 1 #8 GROUND CONDUCTOR.

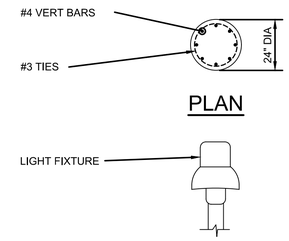
LIGHTING FIXTURE SCHEDULE

TYPE	WATTS	LAMP	TYPE LUMINAIRE	MANUFACTURER	COMMENTS
F	37	LED	AREA LIGHTING FIXTURE, DIE-CAST ALUMINUM HOUSING, IP66 RATED, GREY FINISH, LONG LIFE SOLID STATE PHOTOCONTROL. ROADWAY TYPE V DISTRIBUTION. 1500mA MULTIVOLT DRIVER, 4000K, 70CRI MINIMUM WITH A 5 YEAR WARRANTY. PROVIDE 10', ROUND ANODIZED ALUMINUM POLE WITH STAINLESS STEEL ANCHOR BOLTS.	AEL AUTOBAHN MICRO OR EQUAL	ATBMic-10BLED10-MVOLT-R5-PCLL

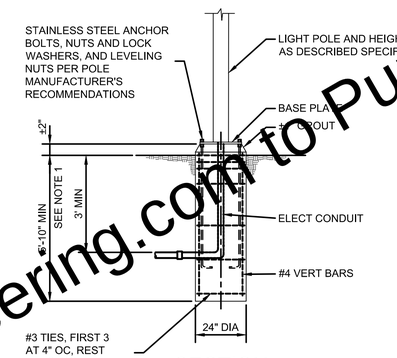


FOR REFERENCE ONLY

LIFT STATION PANEL LAYOUT
SCALE: NONE



PLAN

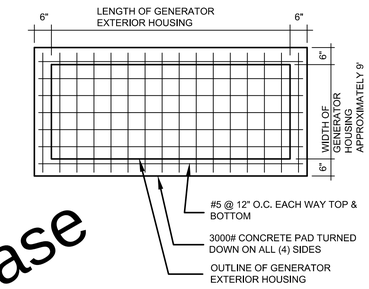


SECTION

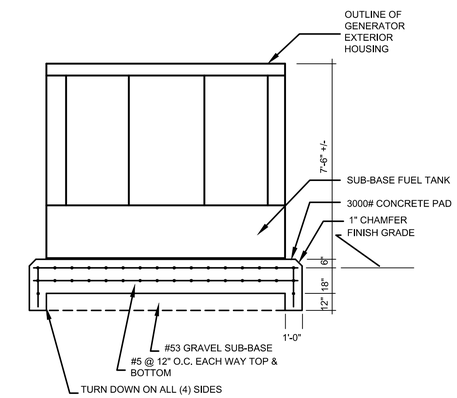
NOTES:

1. IF NOT SPECIFIED OR SHOWN ELSEWHERE, THE DEPTH AND REINFORCEMENT OF THE CONCRETE BASE SHALL BE AS DETERMINED BY THE POLE MANUFACTURER. STRUCTURAL LOADING SHALL BE DESIGNED FOR THE DEAD LOAD PLUS A 100 MPH WIND LOAD, STANDARD EXPOSURE PER STANDARD BUILDING CODE

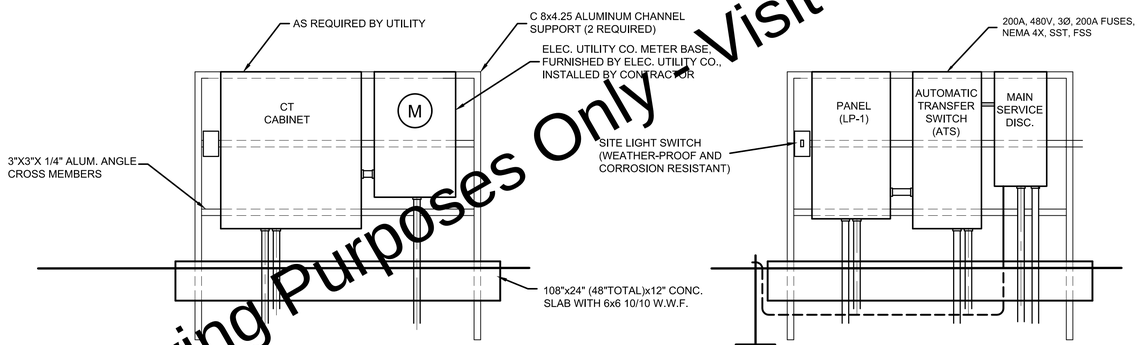
LIGHT AND POLE MOUNTING
SCALE: NONE



GENERATOR PAD PLAN VIEW
SCALE: NONE



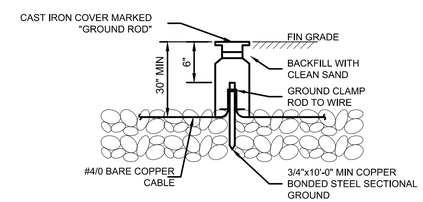
GENERATOR PAD SECTION VIEW
SCALE: NONE



BACK VIEW

FRONT VIEW

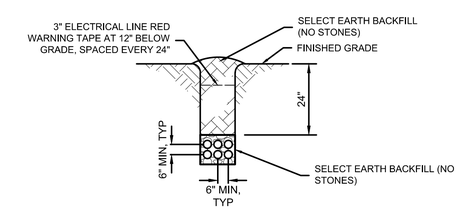
ELECTRICAL EQUIPMENT ELEVATION DETAIL
SCALE: NONE



NOTES:

1. REFER TO JOB SPECIFICATION FOR MINIMUM SYSTEM RESISTANCE TO GROUND. IF THE RESISTANCE CANNOT BE MET WITH SINGLE 10'-0" RODS, ADD ADDITIONAL SECTIONS TO RODS OR ADD NEW RODS AS REQUIRED, SPACED 6'-0" TO 10'-0" FROM EXISTING RODS.

ELECTRICAL INSTALLATION GROUND ROD ASSEMBLY
SCALE: NONE



CONDUIT TRENCH
SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MLW
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	WMS
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

WAYNE C. MOORE REGISTERED No. 10707476 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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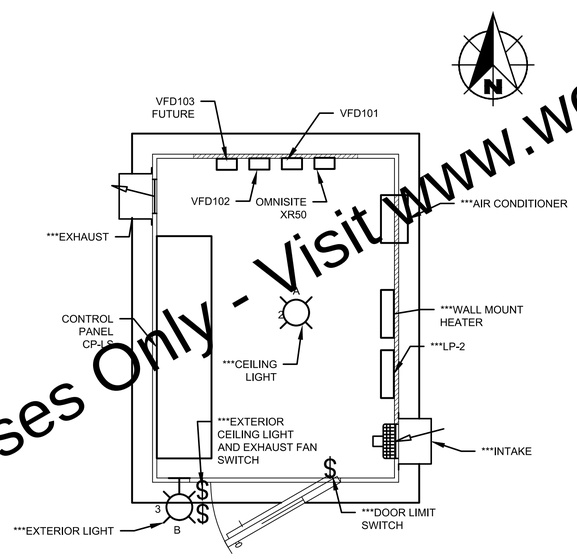
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

ELECTRICAL SCHEDULE AND DETAILS

SHEET NO. **58**

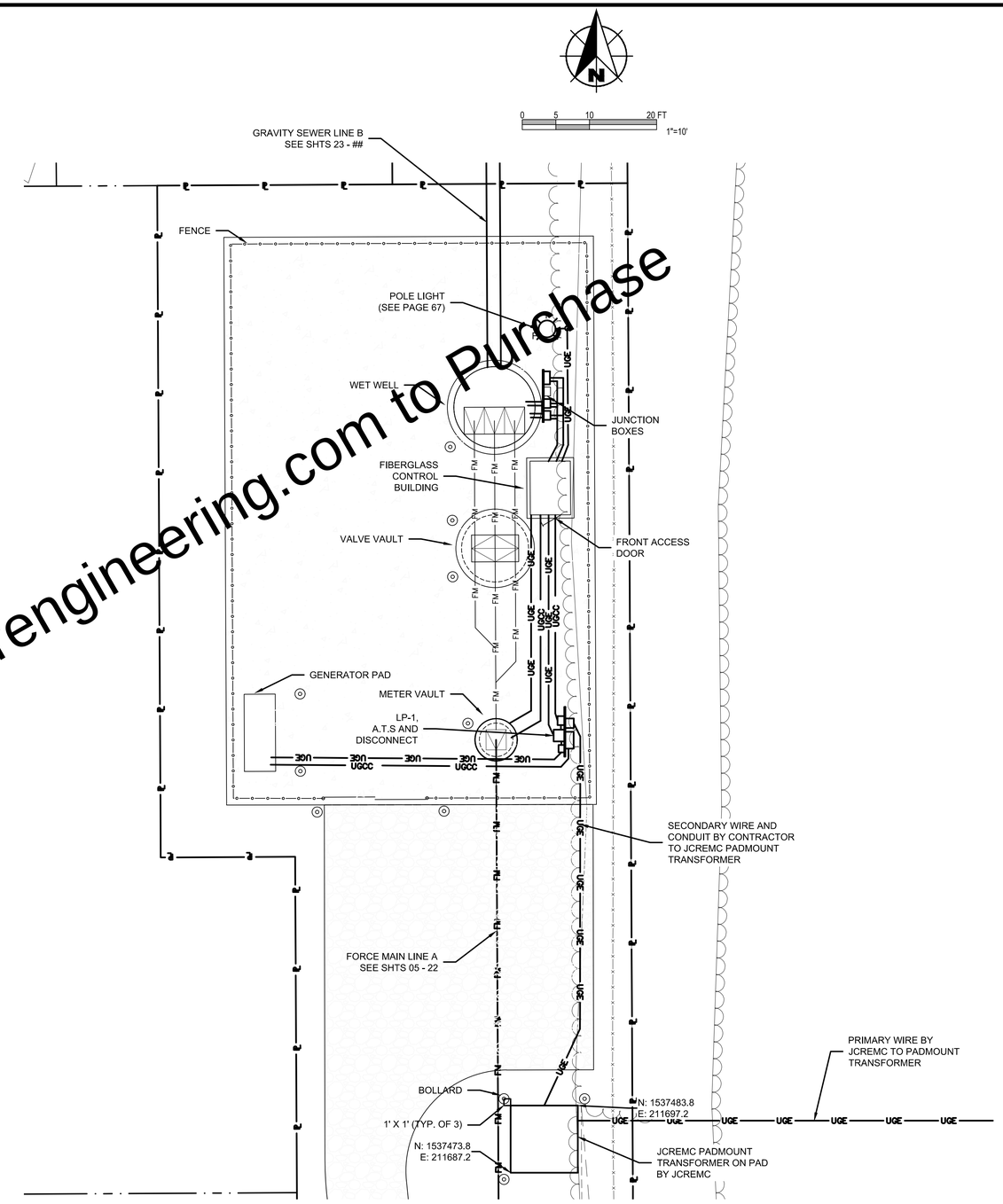
TOTAL SHEETS 70



CONTROL BUILDING PLAN

SCALE: NONE

***PROVIDED BY BUILDING MANUFACTURER



LIFT STATION ELECTRICAL SITE PLAN

SCALE: 1" = 10'

SCALE VERIFICATION	DRAWN BY	MLW
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	WMS
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

NEW WESTSIDE REGIONAL LIFT STATION ELECTRICAL BUILDING AND SITE PLANS

SHEET NO. **59**

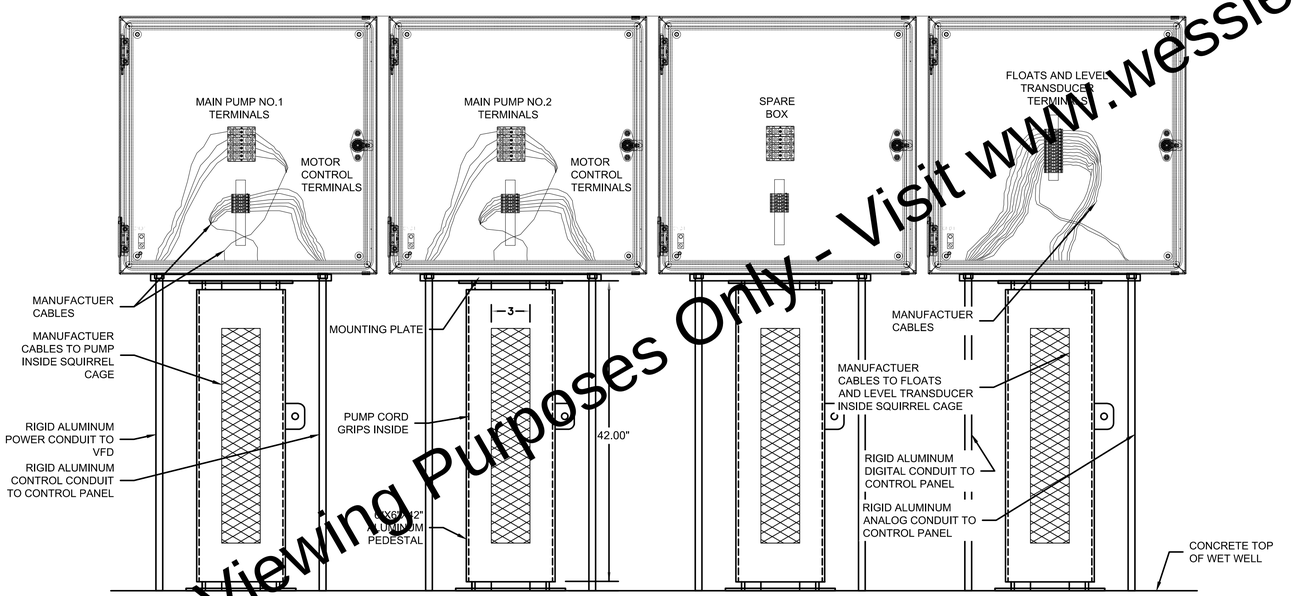
TOTAL SHEETS 70

KEYED NOTES:

1. CONDUITS FOR PUMP CABLES, FLOAT CABLES & SUBMERSIBLE PRESSURE TRANSMITTER. FURNISHED AND INSTALLED BY THE CONTRACTOR
2. LEVEL SENSOR CABLE AND STAINLESS STEEL SUPPORT CABLE. PVC STILLING TUBE MOUNTED TO THE SIDE OF THE WELL AND SUPPORTED EVERY 5' WITH 316 STAINLESS STEEL HARDWARE. POSITION STILLING TUBE SO THAT LEVEL SENSOR MAY BE PULLED UP THROUGH HATCH. SUBMERSIBLE LEVEL TRANSMITTER TO BE LOCATED BELOW THE LOWEST FLOAT SWITCH.
3. WEIGHTED CABLE SET AND THREE FLOAT SWITCHES, FURNISHED BY PUMP MANUFACTURER, INSTALLED BY CONTRACTOR.
4. STAINLESS STEEL STRAIN RELIEF CABLE GRIP AND STAINLESS STEEL HOOK FOR SUPPORT OF ALL POWER AND CONTROL CABLES IN THE WET WELL, ACCESSIBLE FROM WET WELL HATCH.
5. HIGH LEVEL ALARM BEACON
6. MOUNTING INFRASTRUCTURE
7. NEMA 4X SST TERMINAL BOX.
8. EXISTING OMN-SITE TO BE RELOCATED FROM ANOTHER PUMP STATION. PROVIDE UPDATES FOR LOCATION AND PUMP STATION NAMES ON THE OMNI-SITE WEB SYSTEM.
9. PROVIDE ATS WITH ADDITIONAL LUGS TO FEED BOTH THE PUMP CONTROL PANEL AND THE EXTERIOR COMBINATION POWER UNIT. PROVIDE ATS WITH A 100KA PER MODE SURGE PROTECTION DEVICE.
10. PROVIDE SPD AS A CURRENT TECHNOLOGIES CURRENT GUARD CG-40-120/240-2G-S OR ASCO EQUIVALENT. STAINLESS STEEL ENCLOSURE IS REQUIRED.
11. AS AN OPTION TO THE COMBINATION POWER UNIT, THE CONTRACTOR MAY SUPPLY A SEPARATE TRANSFORMER AND LIGHTING PANEL, BOTH SHALL BE SUPPLIED AS NEMA 4X, STAINLESS STEEL.
12. MODEL ABB ACQ580-31-096A-4. VFDS TO BE SUPPLIED BY PUMP SUPPPPLIER.

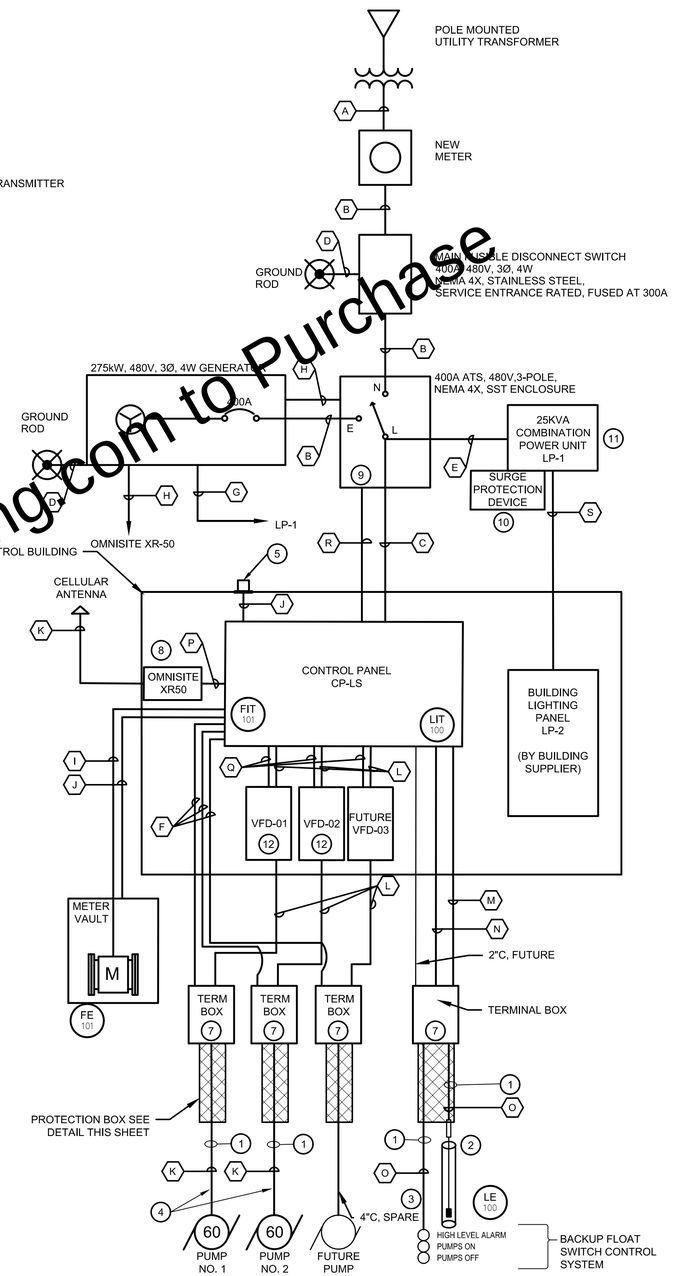
CONDUIT AND WIRE SCHEDULE:

- A: 3"C, 4 #600
- B: 4"C, 3 #600, #600N, #3G
- C: 3"C, 3 #600, #3G
- D: 3/4"C, #2G
- E: 1"C, 2 #6, #8G
- F: 1"C, 4 #14
- G: 1"C, 3 #10, #10G
- H: 1" C, 10 #14
- I: 1"C, MANUFACTURER'S CABLE TO TRANSMITTER
- J: 1"C, SPARE
- K: 4"C, MANUFACTURER CABLE
- L: 2"C, 3 #3, #4G
- M: 1"C, 2/C #16TPS
- N: 1"C, 20 #14
- O: 2"C, MANUFACTURER CABLE
- P: (3/4"C, 4#14) & (1/2"C, 2#12, #12G)
- Q: 1"C, 2-2/C#16TPS
- R: 14#14
- S: 2"C, 3#6, #6N, #8G



MOTOR/SENSOR CONTROL BOXES MOUNTING DETAIL

SCALE: NONE



480V, 3PH. SERVICE, LIFT STATION ONE-LINE DIAGRAM

SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MLW
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	WMS
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

NEW WESTSIDE REGIONAL LIFT STATION ELECTRICAL ONE-LINE AND DETAILS

SHEET NO. **60**

TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-el.dwg | Layout: EL2 | Plotted: 08/18/25 @ 12:47:19 | LastSavedBy: BaileyH

VALVE SYMBOLS

- ECCENTRIC PLUG
- THREE - WAY
- BUTTERFLY
- BALL
- GLOBE
- PRESSURE RELIEF
- AIR RELEASE AND VACUUM RELIEF
- GATE
- KNIFE GATE
- CONSTANT VOLUME FLOW REGULATOR
- MUD
- BALL CHECK
- SWING CHECK
- SPLIT DISC CHECK
- REGULATED SIDE PRESSURE CONTROL
- PINCH
- DIAPHRAGM
- NEEDLE
- CALIBRATED BALANCE
- SOLENOID

GATE SYMBOLS

- SLUICE GATE
- SLIDE GATE
- FLAP GATE
- WEIR GATE
- STOP GATE
- WEIR AND STOP GATE

VALVE AND GATE POWER ACTUATOR SYMBOLS

- ELECTRIC MOTOR
- HYDRAULIC WITH SOLENOID
- ELECTRIC MOTOR WITH POSITIONER
- PNEUMATIC WITH POSITIONER
- HYDRAULIC WITH POSITIONER
- PNEUMATIC WITH SOLENOID

XX: FC = FAIL CLOSED
FIP = FAIL INTERMEDIATE POSITION
FIP = FAIL TO LAST POSITION
FO = FAIL OPEN

NOTE: XX = FAIL POSITION ON LOSS OF PRIMARY POWER (PNEUMATIC OR ELECTRICAL)

FLOW ELEMENTS SYMBOLS

- WEIR PLATE
- PARSHALL FLUME
- ROTAMETER
- PROPELLER OR TURBINE METER
- ORIFICE METER
- CLAMP ON ULTRASONIC FLOWMETER
- MAGNETIC FLOWMETER
- VENTURI OR FLOW TUBE
- AREA VELOCITY FLOWMETER

MISCELLANEOUS SYMBOLS

- HARDWIRED INTERLOCK SEE SPECIFICATION (OR)
- MICROPROCESSOR BASED INTERLOCK SEE SPECIFICATION (OR)
- BLIND FLANGE OR CLEAN OUT
- AIR GAP
- STRAINER
- FLUSHING WATER CONNECTION
- SEAL WATER CONNECTION
- EJECTOR
- AUTOMATIC SAMPLER
- DIFFUSER
- BUBBLER LEVEL ELEMENT
- VENT
- RUPTURE DISK
- ORTHO PHOSPHATE ELEMENT
- PROBE
- ELECTRIC MOTOR
- MANUAL SAMPLE PORT
- AUTOMATIC DRAIN
- MANUAL DRIP TRAP
- DIAPHRAGM SEAL
- ANNULAR SEAL
- FLOW STRAIGHTENING VANE
- CALIBRATION CHAMBER
- DENSITY METER
  X: N - NUCLEAR
  O - OPTICAL
  U - ULTRASONIC
- SELF CONTAINED AIR SUPPLY
- PURGE SET
  X: W = WATER
  A = AIR
- SUBMERSIBLE MIXER
- AIR COMPRESSOR
- FLOATING MIXER
- FLAME TRAP AND THERMAL SHUTOFF ASSEMBLY
- LOATING DECANTER
- TEMPERATURE GAUGE
- PRESSURE GAUGE
- PRESSURE TRANSMITTER
- LEVEL SWITCH

LEVEL ELEMENTS SYMBOLS

- SUBMERSIBLE PRESSURE
- ULTRASONIC
- FLOAT
- NON-CONTACT RADAR
- CAPACITANCE FLOAT STICK

PUMP AND COMPRESSOR SYMBOLS

- SUBMERSIBLE PUMP
- CENTRIFUGAL BLOWER
- CENTRIFUGAL PUMP (DRY PIT)
- VERTICAL TURBINE PUMP
- PROGRESSING CAVITY PUMP
- LOBE PUMP, BLOWER OR COMPRESSOR (POSITIVE DISPLACEMENT)
- COMPRESSOR (PISTON)
- CHEMICAL FEED PUMP
- PLUNGER PUMP
- DIAPHRAGM PUMP
- PERISTALTIC PUMP

FLOW STREAM IDENTIFIERS

SEE PROCESS - MECHANICAL LEGEND

INPUTS AND OUTPUTS TO PLC OR DISTRIBUTED CONTROL

- ANALOG INPUT
- ANALOG OUTPUT
- PULSE INPUT
- PULSE OUTPUT
- DIGITAL INPUT
- DIGITAL OUTPUT

NOTE:
X = TOTAL NUMBER OF SIGNALS WHERE MORE THAN ONE SIGNAL IS REQUIRED. IF QUANTITY IS NOT SHOWN THEN ONE SIGNAL IS REQUIRED.

GENERAL NOTE:

1. THIS IS A STANDARD LEGEND. NOT ALL THE INFORMATION SHOWN ON THIS LEGEND IS USED IN THESE CONTRACT DRAWINGS.

SCALE VERIFICATION	DRAWN BY	BNH
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	BDP
	APPROVED BY	WCM
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

WAYNE C. MOORE REGISTERED No. 10707476 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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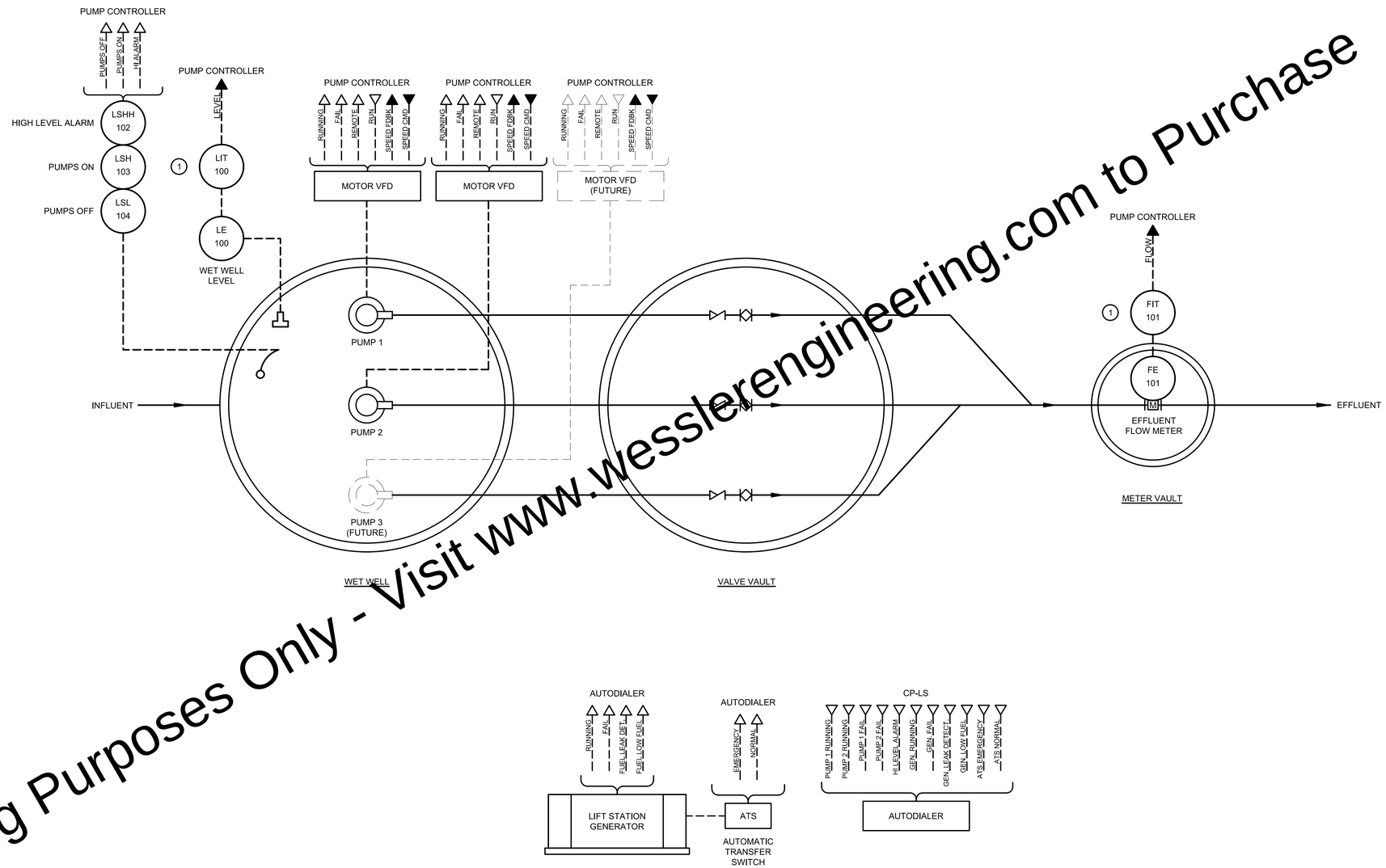
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PROCESS AND INSTRUMENTATION LEGEND

SHEET NO. **61**

TOTAL SHEETS 70



KEYED NOTES:

1 LOCATION IN CP-LS

SCALE VERIFICATION	DRAWN BY	BNH	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	BDP				
	APPROVED BY	WCM				
	ISSUE DATE	SEPTEMBER 2025				
	PROJECT NUMBER	231120-04-002				

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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

PROCESS AND INSTRUMENTATION DIAGRAM

SHEET NO. **62**

TOTAL SHEETS 70

STRUCTURE TABLE

STRUCTURE NAME:	STATION	RIM ELEV	BURY DEPTH	STRUCTURE DETAIL	PIPES IN:	PIPES OUT
ARV A-1	21+05	708.36	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
ARV A-2	40+82	726.72	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
ARV A-3	59+00	739.20	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
ARV A-4	72+50	760.25	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
ARV A-5	108+00	733.71	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
ARV C-1	342+70	746.84	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
ARV C-2	357+05	763.76	0'	AIR/VACUUM RELEASE VALVE AND VAULT		
B1	134+43	724.51	0'	BOLT-DOWN WATERTIGHT F&C	FROM B2, 24" PVC INV IN: 705.04, 454 LF @ 0.08%	TO WET WELL, 24" PVC INV OUT: 704.94, 441 LF @ 0.08%
B2	138+96	719.03	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B3, 24" PVC INV IN: 705.60, 307 LF @ 0.08%	TO B1, 24" PVC INV OUT: 705.40, 454 LF @ 0.08%
B3	142+03	719.56	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B4, 24" PVC INV IN: 706.05, 229 LF @ 0.08%	TO B2, 24" PVC INV OUT: 705.85, 307 LF @ 0.08%
B4	144+33	723.81	0'	BOLT-DOWN WATERTIGHT F&C	FROM B5, 24" PVC INV IN: 706.44, 329 LF @ 0.08%	TO B3, 24" PVC INV OUT: 706.24, 229 LF @ 0.08%
B5	147+62	720.82	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B6, 24" PVC INV IN: 706.80, 319 LF @ 0.08%	TO B4, 24" PVC INV OUT: 706.70, 329 LF @ 0.08%
B6	150+81	718.72	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B7, 24" PVC INV IN: 707.26, 516 LF @ 0.08%	TO B5, 24" PVC INV OUT: 707.06, 319 LF @ 0.08%
B7	155+96	719.37	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B8, 24" PVC INV IN: 707.86, 344 LF @ 0.08%	TO B6, 24" PVC INV OUT: 707.66, 516 LF @ 0.08%
B8	159+43	727.62	0'	BOLT-DOWN WATERTIGHT F&C	FROM B9, 24" PVC INV IN: 708.34, 383 LF @ 0.08%	TO B7, 24" PVC INV OUT: 708.14, 344 LF @ 0.08%
B9	163+26	722.29	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B10, 24" PVC INV IN: 708.75, 388 LF @ 0.08%	TO B8, 24" PVC INV OUT: 708.65, 383 LF @ 0.08%
B10	167+13	726.61	0'	BOLT-DOWN WATERTIGHT F&C	FROM B11, 24" PVC INV IN: 709.26, 246 LF @ 0.08%	TO B9, 24" PVC INV OUT: 709.06, 388 LF @ 0.08%
B11	169+59	729.30	0'	BOLT-DOWN WATERTIGHT F&C	FROM B12, 28" HDPE INV IN: 709.56, 190 LF @ 0.68%	TO B10, 24" PVC INV OUT: 709.46, 246 LF @ 0.08%
B12	171+50	722.31	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B13, 24" PVC INV IN: 710.96, 380 LF @ 0.08%	TO B11, 28" HDPE INV OUT: 710.86, 190 LF @ 0.68%
B13	175+30	722.81	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B14, 24" PVC INV IN: 711.37, 400 LF @ 0.08%	TO B12, 24" PVC INV OUT: 711.27, 380 LF @ 0.08%
B14	179+30	723.54	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B15, 24" PVC INV IN: 711.79, 400 LF @ 0.08%	TO B13, 24" PVC INV OUT: 711.69, 400 LF @ 0.08%
B15	183+30	724.47	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B16, 24" PVC INV IN: 712.21, 372 LF @ 0.08%	TO B14, 24" PVC INV OUT: 712.11, 400 LF @ 0.08%
B16	187+02	725.47	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B17, 28" HDPE INV IN: 712.61, 218 LF @ 1.12%	TO B15, 24" PVC INV OUT: 712.51, 372 LF @ 0.08%
B17	189+20	728.39	0'	STANDARD F&C	FROM B18, 24" PVC INV IN: 715.15, 429 LF @ 0.08%	TO B16, 28" HDPE INV OUT: 715.05, 218 LF @ 1.12%
B18	193+49	725.30	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B19, 24" PVC INV IN: 715.59, 360 LF @ 0.08%	TO B17, 24" PVC INV OUT: 715.49, 429 LF @ 0.08%
B19	197+09	727.59	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B20, 24" PVC INV IN: 716.08, 374 LF @ 0.08%	TO B18, 24" PVC INV OUT: 715.88, 360 LF @ 0.08%
B20	200+83	727.20	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B21, 24" PVC INV IN: 716.48, 329 LF @ 0.08%	TO B19, 24" PVC INV OUT: 716.38, 374 LF @ 0.08%
B21	204+11	726.23	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B22, 24" PVC INV IN: 716.94, 176 LF @ 0.82%	TO B20, 24" PVC INV OUT: 716.74, 329 LF @ 0.08%
B22	205+87	730.49	0'	BOLT-DOWN WATERTIGHT F&C	FROM B23, 24" PVC INV IN: 718.58, 501 LF @ 0.08%	TO B21, 24" PVC INV OUT: 718.38, 176 LF @ 0.82%
B23	210+89	730.42	0'	BOLT-DOWN WATERTIGHT F&C	FROM B23.1, 28" HDPE INV IN: 719.08, 264 LF @ 0.54%	TO B22, 24" PVC INV OUT: 718.98, 501 LF @ 0.08%
B23.1	213+53	732.38	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B24, 24" PVC INV IN: 720.91, 127 LF @ 0.08%	TO B23, 28" HDPE INV OUT: 720.51, 264 LF @ 0.54%

STRUCTURE TABLE

STRUCTURE NAME:	STATION	RIM ELEV	BURY DEPTH	STRUCTURE DETAIL	PIPES IN:	PIPES OUT
B24	214+79	730.64	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B25, 24" PVC INV IN: 721.11, 508 LF @ 0.08%	TO B23.1, 24" PVC INV OUT: 721.01, 127 LF @ 0.08%
B25	219+87	736.88	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B26, 18" PVC INV IN: 721.71, 408 LF @ 0.13%	TO B24, 24" PVC INV OUT: 721.51, 508 LF @ 0.08%
B26	223+95	736.16	0'	BOLT-DOWN WATERTIGHT F&C	FROM B27, 18" PVC INV IN: 722.33, 257 LF @ 0.11%	TO B25, 18" PVC INV OUT: 722.23, 408 LF @ 0.13%
B27	226+50	727.65	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B28, 18" PVC INV IN: 722.82, 385 LF @ 0.12%	TO B26, 18" PVC INV OUT: 722.62, 257 LF @ 0.11%
B28	230+36	729.62	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B29, 18" PVC INV IN: 723.48, 176 LF @ 0.12%	TO B27, 18" PVC INV OUT: 723.28, 385 LF @ 0.12%
B29	232+11	728.80	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B31, 18" PVC INV IN: 723.78, 366 LF @ 0.12%	TO B28, 18" PVC INV OUT: 723.69, 176 LF @ 0.12%
B31	235+78	727.59	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B32, 18" PVC INV IN: 724.43, 441 LF @ 0.12%	TO B29, 18" PVC INV OUT: 724.23, 366 LF @ 0.12%
B32	240+19	730.40	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B33, 18" PVC INV IN: 725.16, 500 LF @ 0.12%	TO B31, 18" PVC INV OUT: 724.96, 441 LF @ 0.12%
B33	245+19	730.14	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B35, 18" PVC INV IN: 725.96, 261 LF @ 0.12%	TO B32, 18" PVC INV OUT: 725.76, 500 LF @ 0.12%
B35	247+80	730.31	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B36, 18" PVC INV IN: 726.47, 139 LF @ 1.00%	TO B33, 18" PVC INV OUT: 726.27, 261 LF @ 0.12%
B36	249+18	741.86	0'	STANDARD F&C	FROM B37, 18" PVC INV IN: 728.64, 428 LF @ 0.12%	TO B35, 18" PVC INV OUT: 727.86, 139 LF @ 1.00%
B37	253+46	743.47	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B38, 18" PVC INV IN: 729.25, 500 LF @ 0.12%	TO B36, 18" PVC INV OUT: 729.15, 428 LF @ 0.12%
B38	258+46	750.31	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B40, 18" PVC INV IN: 729.96, 499 LF @ 0.12%	TO B37, 18" PVC INV OUT: 729.85, 500 LF @ 0.12%
B40	263+[illegible]	747.24	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B41, 18" PVC INV IN: 730.76, 209 LF @ 0.12%	TO B38, 18" PVC INV OUT: 730.56, 499 LF @ 0.12%
B41	26[illegible]+54	749.13	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B42, 18" PVC INV IN: 731.11, 475 LF @ 0.12%	TO B40, 18" PVC INV OUT: 731.01, 209 LF @ 0.12%
B42	270+30	742.25	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B43, 18" PVC INV IN: 731.78, 283 LF @ 0.12%	TO B41, 18" PVC INV OUT: 731.68, 475 LF @ 0.12%
B43	273+13	743.49	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B44, 18" PVC INV IN: 732.25, 309 LF @ 0.12%	TO B42, 18" PVC INV OUT: 732.12, 283 LF @ 0.12%
B44	276+21	750.61	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B46, 18" PVC INV IN: 732.82, 58 LF @ 0.12%	TO B43, 18" PVC INV OUT: 732.62, 309 LF @ 0.12%
B46	276+80	751.82	0'	STANDARD F&C	FROM B47, 18" PVC INV IN: 733.09, 450 LF @ 0.12%	TO B44, 18" PVC INV OUT: 732.89, 58 LF @ 0.12%
B47	281+29	740.02	0'	STANDARD F&C	FROM B48, 18" PVC INV IN: 733.73, 339 LF @ 0.12%	TO B46, 18" PVC INV OUT: 733.63, 450 LF @ 0.12%
B48	285+61	751.97	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B49, 18" PVC INV IN: 734.47, 500 LF @ 0.12%	TO B47, 18" PVC INV OUT: 734.14, 339 LF @ 0.12%
B49	290+61	757.19	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B50, 18" PVC INV IN: 735.17, 500 LF @ 0.12%	TO B48, 18" PVC INV OUT: 735.07, 500 LF @ 0.12%
B50	295+61	756.21	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B51, 18" PVC INV IN: 735.87, 442 LF @ 0.12%	TO B49, 18" PVC INV OUT: 735.77, 500 LF @ 0.12%
B51	300+02	756.68	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B52, 18" PVC INV IN: 736.50, 500 LF @ 0.12%	TO B50, 18" PVC INV OUT: 736.40, 442 LF @ 0.12%
B52	305+02	760.16	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B53, 18" PVC INV IN: 737.30, 320 LF @ 0.12%	TO B51, 18" PVC INV OUT: 737.10, 500 LF @ 0.12%
B53	308+23	757.80	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B54, 18" PVC INV IN: 737.78, 313 LF @ 0.12%	TO B52, 18" PVC INV OUT: 737.68, 320 LF @ 0.12%
B54	311+36	755.86	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B55, 18" PVC INV IN: 738.36, 385 LF @ 0.12%	TO B53, 18" PVC INV OUT: 738.16, 313 LF @ 0.12%
B55	315+21	758.83	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B56, 18" PVC INV IN: 738.94, 400 LF @ 0.12%	TO B54, 18" PVC INV OUT: 738.84, 385 LF @ 0.12%
B56	319+21	764.66	3'	BURIED, BOLT-DOWN WATERTIGHT F&C	FROM B57, 18" PVC INV IN: 739.52, 400 LF @ 0.12%	TO B55, 18" PVC INV OUT: 739.42, 400 LF @ 0.12%
B57	323+21	762.67	3'	SPECIAL DROP MH, BURIED, BOLT-DOWN WATERTIGHT F&C SEE DETAIL SHEET 61	FROM OUTSIDE DROP, 10" PVC INV IN: 741.60, 3 LF @ 0.00%	TO B56, 18" PVC INV OUT: 740.00, 400 LF @ 0.12%

SCALE VERIFICATION

BAR IS ONE INCH LONG ON ORIGINAL DRAWING

DRAWN BY	MRE
CHECKED BY	KMZ
APPROVED BY	GLR
ISSUE DATE	SEPTEMBER 2025
PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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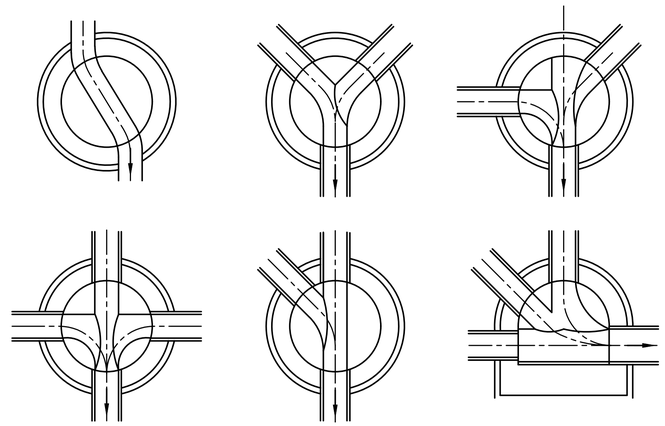
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

STRUCTURE DATA TABLE

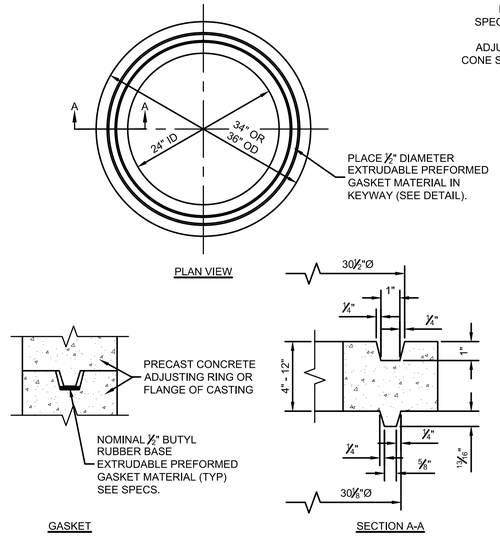
SHEET NO. **63**

TOTAL SHEETS 70

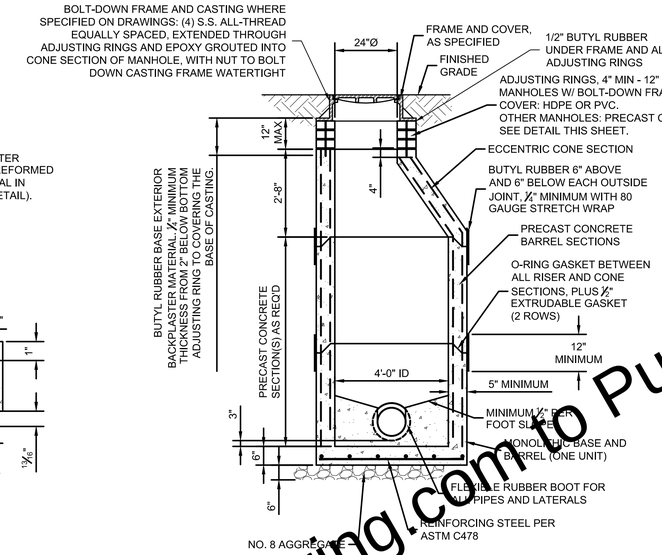


NOTES:
1. SANITARY SEWER BENCH SLOPE = ½" PER FOOT

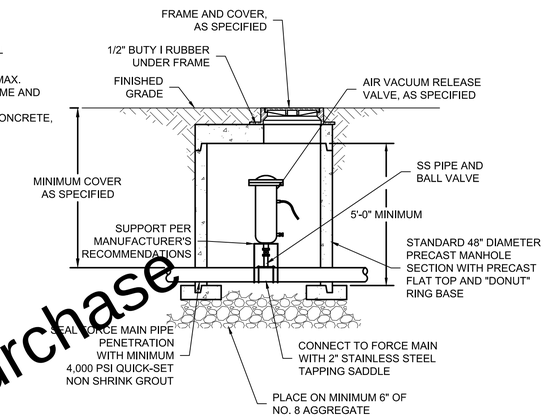
STANDARD MANHOLE BENCHES
SCALE: NONE



CONCRETE ADJUSTING RING
SCALE: NONE



STANDARD SANITARY SEWER MANHOLE
SCALE: NONE



NOTES:
1. THE CONTRACTOR SHALL DETERMINE THE REQUIRED FORCE MAIN DEPTH AT THE STRUCTURE TO ENSURE THAT THE VALVE VAULT STRUCTURE DOES NOT EXTEND ABOVE FINISHED GRADE.
2. LOCATION OF AIR/VACUUM RELEASE STRUCTURES ARE APPROXIMATE. THE FINAL LOCATION TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT THE HIGH ELEVATION POINT OF THE FORCE MAIN.

AIR/VACUUM RELEASE VALVE AND VAULT
SCALE: NONE

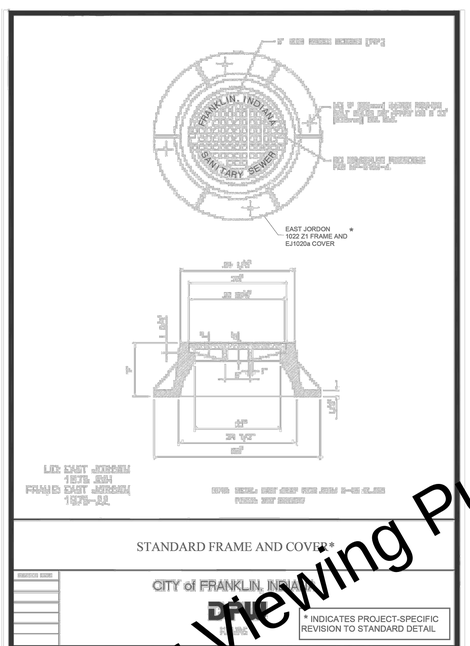


Illustration 5-8

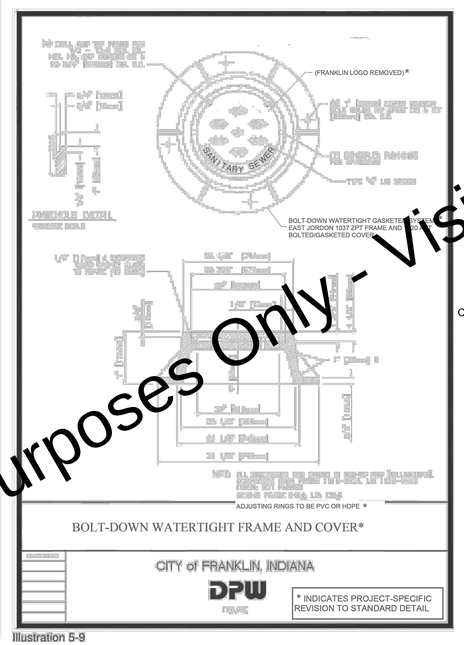
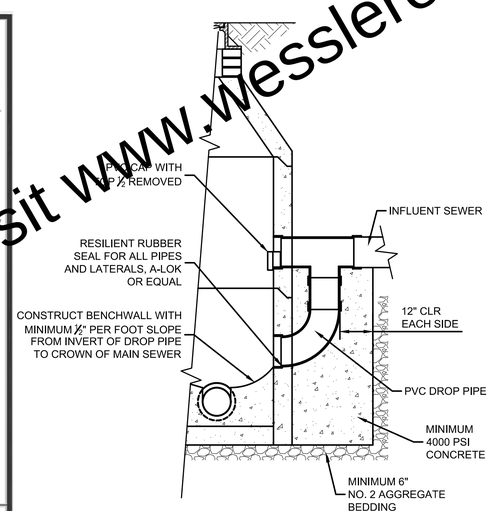
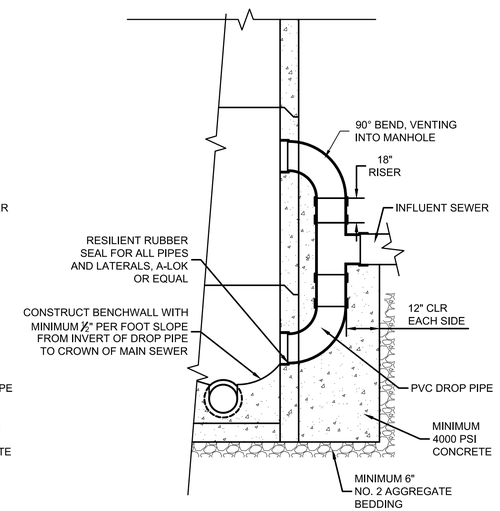


Illustration 5-9



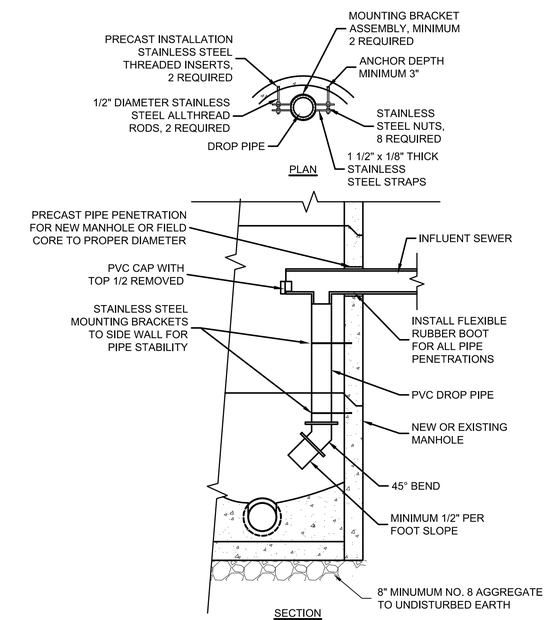
NOTES:
1. MANHOLE CONSTRUCTION AND ACCESSORIES SAME AS SHOWN FOR STANDARD SANITARY SEWER MANHOLE.

OUTSIDE DROP MANHOLE
SCALE: NONE



NOTES:
1. MANHOLE CONSTRUCTION AND ACCESSORIES SAME AS SHOWN FOR STANDARD SANITARY SEWER MANHOLE.

SPECIAL DROP MANHOLE
SCALE: NONE



NOTES:
1. NEW MANHOLE CONSTRUCTION AND ACCESSORIES SAME AS SHOWN FOR STANDARD SANITARY SEWER MANHOLE.

INSIDE DROP MANHOLE
SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MRE	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ				
	APPROVED BY	GLR				
	ISSUE DATE	SEPTEMBER 2025				
	PROJECT NUMBER	231120-04-002				

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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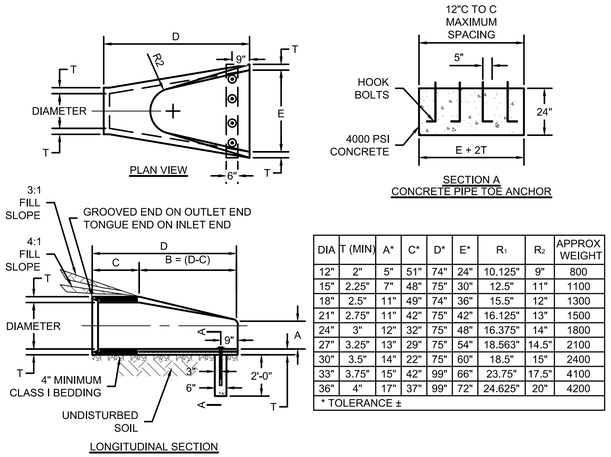
CITY OF FRANKLIN, INDIANA

MISCELLANEOUS DETAILS

SHEET NO. **64**

TOTAL SHEETS 70

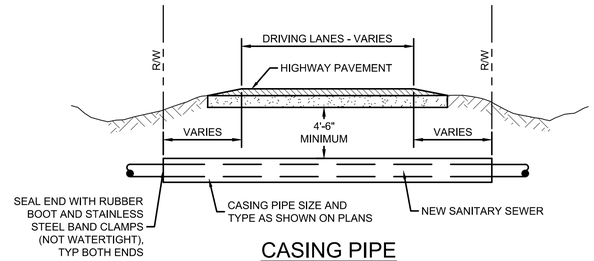
Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-MS.dwg | Layout: 01 | Plotted: 08/18/25 @ 12:49:22 | LastSavedBy: MichelleE



DIA	T (MIN)	A*	C*	D*	E*	R_1	R_2	APPROX WEIGHT
12"	2"	5"	51"	74"	24"	10.125"	9"	800
15"	2.25"	7"	48"	75"	30"	12.5"	11"	1100
18"	2.5"	11"	49"	74"	36"	15.5"	12"	1300
21"	2.75"	11"	42"	75"	42"	16.125"	13"	1500
24"	3"	12"	32"	75"	48"	16.375"	14"	1800
27"	3.25"	13"	29"	75"	54"	18.563"	14.5"	2100
30"	3.5"	14"	22"	75"	60"	18.5"	15"	2400
33"	3.75"	15"	42"	99"	66"	23.75"	17.5"	4100
36"	4"	17"	37"	99"	72"	24.625"	20"	4200
* TOLERANCE ±								

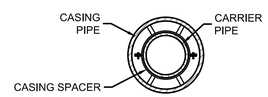
PRECAST CONCRETE END SECTION

SCALE: NONE



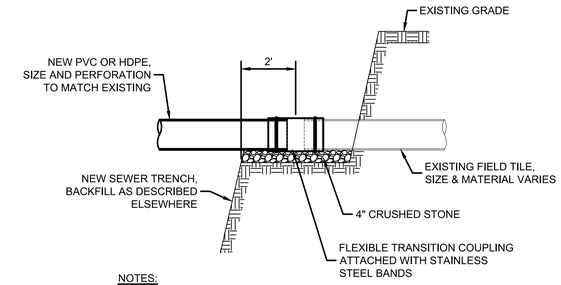
CASING PIPE

SCALE: NONE



CASING SPACER

SCALE: NONE

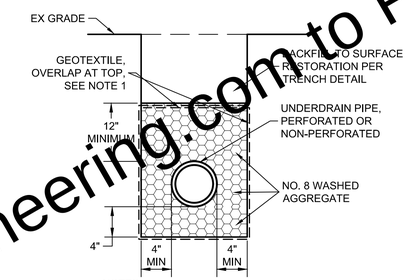


NOTES:

1. REPAIR SHOWN IS TYPICAL FOR EACH SIDE OF SEWER TRENCH CROSSED BY EXISTING FIELD TILES.
2. SEE UNDERDRAIN DETAIL, THIS SHEET

FIELD TILE REPAIR DETAIL

SCALE: NONE

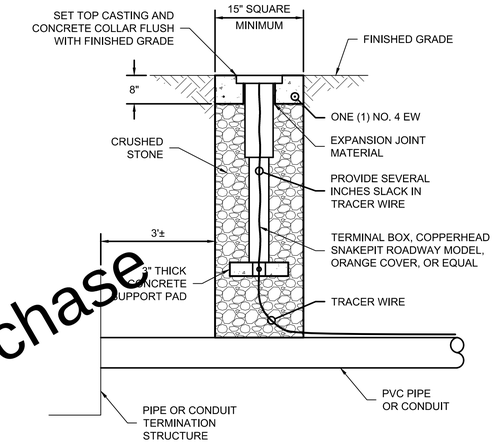


NOTES:

1. GEOTEXTILE NOT REQUIRED IF PIPE IS NON-PERFORATED.

UNDERDRAIN

SCALE: NONE

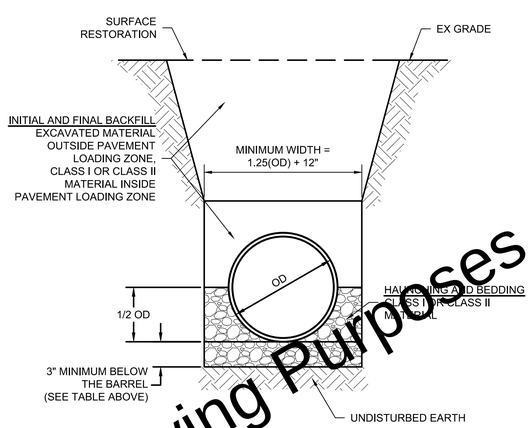


NOTES:

1. CONCRETE COLLAR NOT REQUIRED IF LOCATED IN CONCRETE PAVEMENT.

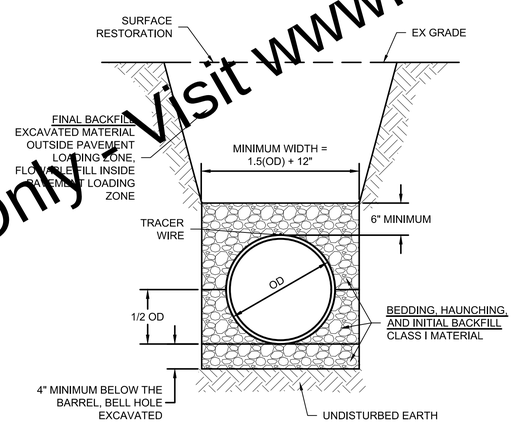
TRACER WIRE TERMINAL BOX

SCALE: NONE



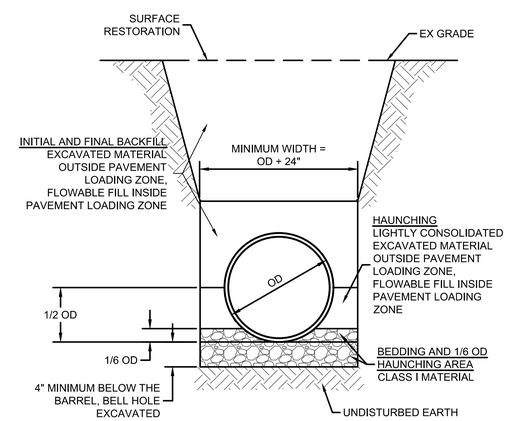
CORRUGATED METAL PIPE (CMP) TRENCH

SCALE: NONE



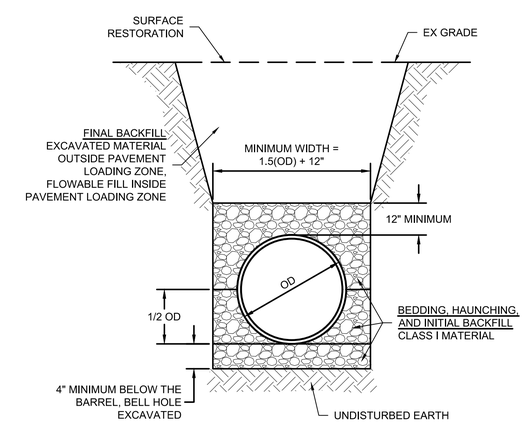
PLASTIC PIPE TRENCH (FORCE MAIN)

SCALE: NONE



DUCTILE IRON (DI) PIPE TRENCH

SCALE: NONE



FLEXIBLE (HDPE, PP, PVC) PIPE TRENCH

SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

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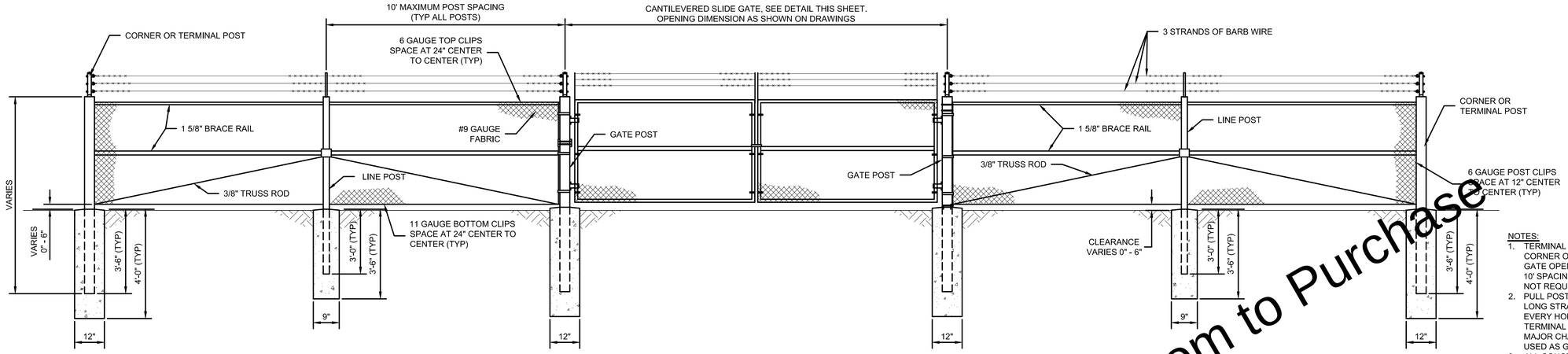
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

MISCELLANEOUS DETAILS

SHEET NO. **65**

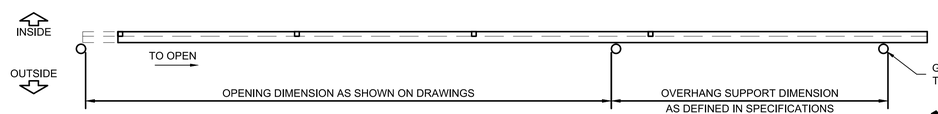
TOTAL SHEETS 70



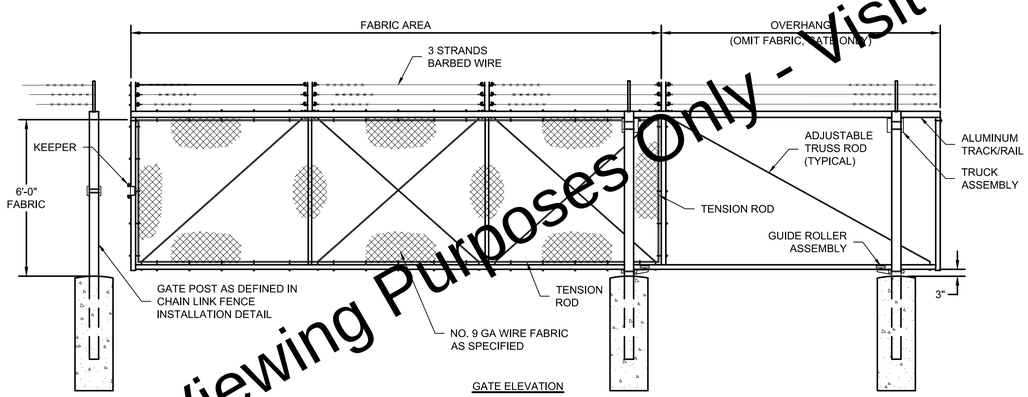
NOTES:
1. TERMINAL POSTS SHALL BE USED AT EACH FENCE CORNER OR END. GATE POSTS SHALL BE USED AT EACH GATE OPENING. LINE POSTS SHALL BE USED AT MAXIMUM 10' SPACING WHERE TERMINAL, GATE OR PULL POSTS ARE NOT REQUIRED.
2. PULL POSTS SHALL BE SPACED AT A MAXIMUM OF 500' ON LONG STRAIGHT RUNS ALONG CONSISTENT GRADES, AT EVERY HORIZONTAL BEND GREATER THAN 10° WHERE TERMINAL POSTS ARE NOT REQUIRED, AND AT EVERY MAJOR CHANGE OF GRADE. PULL POSTS SHALL NOT BE USED AS GATE OR TERMINAL POSTS.
3. ALL CONCRETE IN POST ANCHORS SHALL CONFORM TO THE SPECIFICATIONS.

CHAIN LINK FENCE INSTALLATION

SCALE: NONE



GATE PLAN

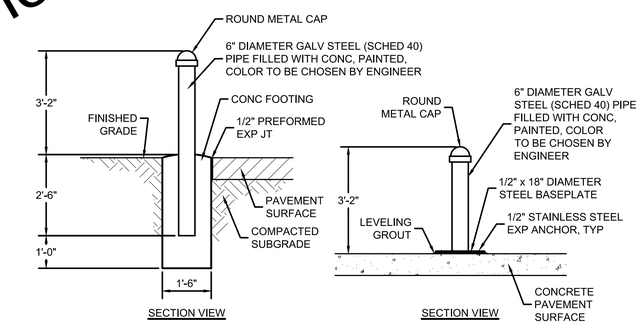


GATE ELEVATION

NOTES:
1. DETAIL REPRESENTS ONE OF TWO SLIDE GATES SHOWN. THE OTHER GATE IS A MIRROR IMAGE OF THE DETAIL.

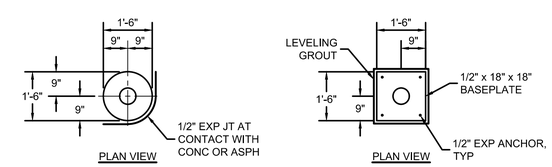
CANTILEVERED SLIDE GATE

SCALE: NONE



SECTION VIEW

SECTION VIEW



PLAN VIEW

PLAN VIEW

TYPES 1 AND 2 BOLLARDS

TYPE 3 BOLLARD

NOTES:
1. TYPE 1 BOLLARD SHALL BE AS SHOWN.
2. TYPE 2 BOLLARD SHALL SIMILAR TO TYPE 1, WITH 8" DIAMETER 6' TALL PIPE, WITH 42" BURY, AND WITH 24" CONCRETE FOOTING.
3. TYPE OF BOLLARD INSTALLED SHALL BE AS IDENTIFIED ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER.

BOLLARDS

SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
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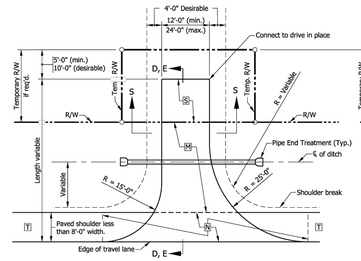
CITY OF FRANKLIN, INDIANA

MISCELLANEOUS DETAILS

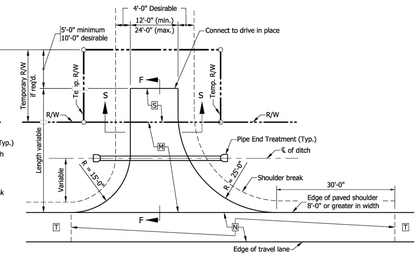
SHEET NO. **66**

TOTAL SHEETS 70



PLAN VIEW

(PAVED SHOULDER LESS THAN 8'-0" IN WIDTH OR UNPAVED SHOULDER)



PLAN VIEW

(PAVED SHOULDER 8'-0" OR GREATER IN WIDTH)

NOTES:

1. See Standard Drawing E 610-DRIV-10 for Section S-S.
2. See Standard Drawing E 610-DRIV-11 for Sections D-D, E-E and F-F for approach grades.
3. The radii for PCCP Class II drives shall be constructed using corner reinforcement as detailed in Standard Drawing E 610-DRIV-14.
4. For PCCP Drives see Standard Drawing E 610-DRIV-14 for joint placement details.

LEGEND

M HMA for Approaches, Type B
165#/syd HMA Surface Type B on
275#/syd HMA Intermediate Type B on
6" Compacted Aggregate No. 53, on
Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
or
PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)

N The greater thickness of either the drive M or the paved shoulder T section.

S For type and thickness equivalent to surface in place, see plans.

T Plan shoulder section.

INDIANA DEPARTMENT OF TRANSPORTATION

CLASS II DRIVE (RESIDENTIAL)

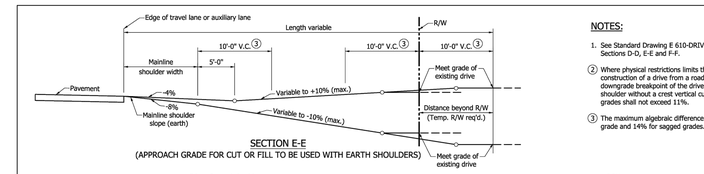
SEPTEMBER 2019

STANDARD DRAWING NO. E 610-DRIV-03

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER 5/1/2019 DATE

CHIEF ENGINEER 6/5/2019 DATE

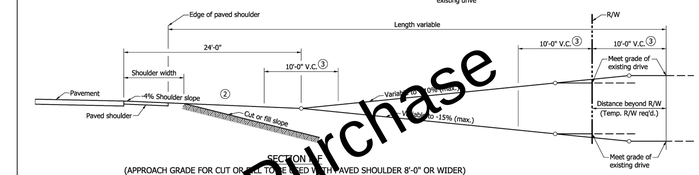


SECTION E-E

(APPROACH GRADE FOR CUT OR FILL TO BE USED WITH EARTH SHOULDERS)

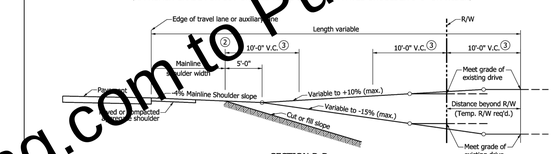
NOTES:

1. See Standard Drawing E 610-DRIV-03, -05 and -06 for location of Sections D-D, E-E and F-F.
2. Where physical restrictions limits the space available for the construction of a drive from a roadway in an embankment section, the downgrade breakpoint of the drive may begin at the edge of the shoulder without a crest vertical curve. The algebraic difference in grades shall not exceed 11%.
3. The maximum algebraic difference shall not exceed 11% for crested grade and 14% for sagged grades.



SECTION F-F

(APPROACH GRADE FOR CUT OR FILL TO BE USED WITH PAVED SHOULDER 8'-0" OR WIDER)



SECTION D-D

(APPROACH GRADE FOR CUT OR FILL TO BE USED WITH LESS THAN 8'-0" WIDTH PAVED OR COMPACTED AGGREGATE SHOULDERS)

INDIANA DEPARTMENT OF TRANSPORTATION

CLASS II, IV & V DRIVES APPROACH GRADES

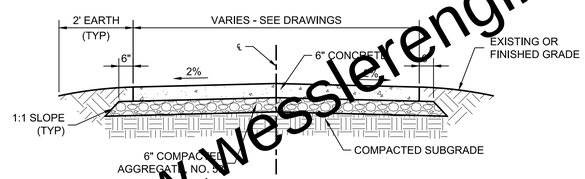
SEPTEMBER 2019

STANDARD DRAWING NO. E 610-DRIV-11

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

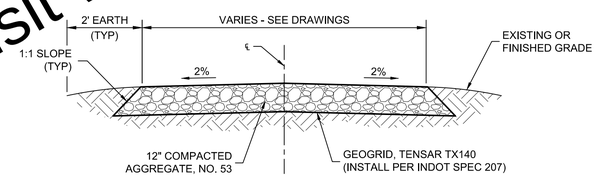
DESIGN STANDARDS ENGINEER 5/1/2019 DATE

CHIEF ENGINEER 6/5/2019 DATE



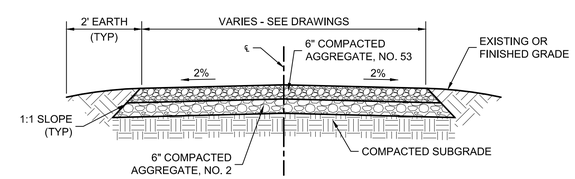
CONCRETE DRIVE

SCALE: NONE



CRUSHED STONE DRIVE

SCALE: NONE

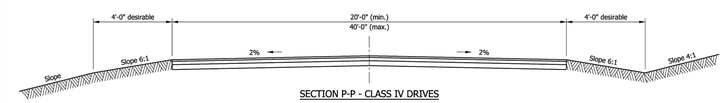


CRUSHED STONE LIFT STATION ACCESS DRIVE

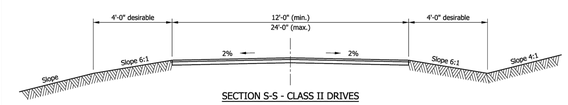
SCALE: NONE

NOTES:

1. See Standard Drawing E 610-DRIV-03 for Class II Drive details.
2. See Standard Drawing E 610-DRIV-05 for Class IV Drive details.



SECTION P-P - CLASS IV DRIVES



SECTION S-S - CLASS II DRIVES

INDIANA DEPARTMENT OF TRANSPORTATION

CLASS II AND CLASS IV DRIVE SECTIONS

SEPTEMBER 2019

STANDARD DRAWING NO. E 610-DRIV-10

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER 5/1/2019 DATE

CHIEF ENGINEER 6/5/2019 DATE

NOTES:

1. FOR PAVEMENT REPAIR DETAILS AND REQUIREMENTS, SEE ORDINANCE NO. 2023-14, STREET AND UTILITY ORDINANCE, LOCATED IN APPENDIX B OF THE PROJECT MANUAL

SCALE VERIFICATION	DRAWN BY	MRE	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ				
	APPROVED BY	GLR				
	ISSUE DATE					
	SEPTEMBER 2025					
	PROJECT NUMBER					
	231120-04-002					

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING

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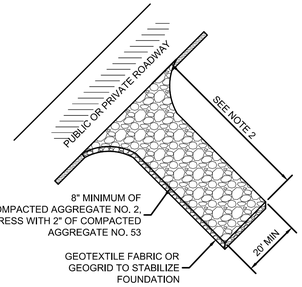
WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

MISCELLANEOUS DETAILS

SHEET NO. 67

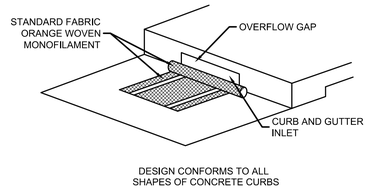
TOTAL SHEETS 70



NOTES:
1. PLACE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS AND AT ALL TEMPORARY CONSTRUCTION DRIVES THAT ARE INSTALLED.
2. FOR LARGE SITES (2 ACRES OR LARGER) THE MINIMUM LENGTH IS 150'. FOR SMALLER SITES (LESS THAN 2 ACRES) THE MINIMUM LENGTH IS 50'.
3. PROVIDE CULVERT OR OTHER METHODS AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE.

MAINTENANCE:
1. INSPECT DAILY AND REPLACE DISPLACED STONE.
2. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED ONTO ADJACENT ROADWAY.
3. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
4. AT COMPLETION OF PROJECT COMPLETELY REMOVE AND RESTORE SITE TO ORIGINAL CONDITIONS, OR AS APPLICABLE USE FOR BASE OF NEW PERMANENT DRIVE, MAINTAINING DESIGN ELEVATIONS AND SECTION.

CONSTRUCTION ENTRANCE
SCALE: NONE

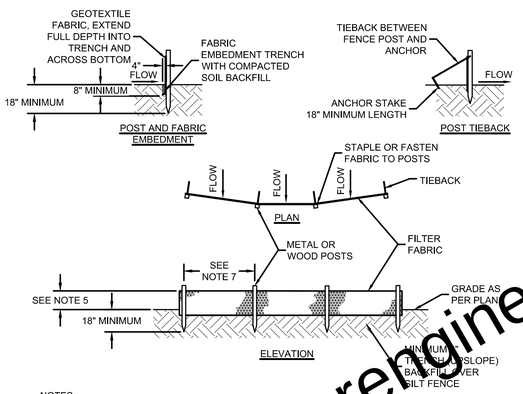


PRODUCT:
1. DANDY CURB SACK, OR APPROVED EQUAL.

INSTALLATION:
1. REMOVE THE GRATE FROM THE CATCH BASIN AND STAND ON END.
2. CRADLE THE GRATE BETWEEN THE UPPER AND LOWER STRAPS.
3. INSERT THE GRATE INTO THE INLET WITH THE LIFTING DEVICES. LOWER BACK EDGE WITH TUBE INTO PLACE. TUBE SHOULD PARTIALLY BLOCK THE CURB HOOD OPENING.

MAINTENANCE:
1. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT.
2. REMOVE THE SEDIMENT THAT HAS ACCUMULATED WITHIN THE FABRIC AS NEEDED.
3. INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY 7 CALENDAR DAYS.

CURB AND GUTTER INLET PROTECTION
SCALE: NONE



NOTES:
1. SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF WOVEN OR NON-WOVEN GEOTEXTILE FABRIC AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING REQUIREMENTS:
   a. TEXTILE STRENGTH AT 20% (MAXIMUM ELONGATION, PER ASTM D4632.
   b. WOVEN EXTRA STRENGTH - 50 LB/LINEAR INCH (MINIMUM), NON-WOVEN EXTRA STRENGTH - 70 LB/INCH (MINIMUM).
   c. WOVEN STANDARD STRENGTH - 30 LB/LINEAR INCH (MINIMUM), NON-WOVEN STANDARD STRENGTH - 50 LB/INCH (MINIMUM).
   d. APPARENT OPENING SIZE (AOS) (U.S. SIEVE) - NO. 30 PARTICLE SIZE OF 0.6 mm (MAXIMUM), ASTM D4751.
   e. PERMITTIVITY - 0.05 s⁻¹ (MAXIMUM), ASTM D4491.
2. POSTS FOR SILT FENCES SHALL BE EITHER 2" DIAMETER WOOD OR EQUIVALENT METAL POSTS WITH A MINIMUM LENGTH OF 5'. METAL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.
3. ANCHOR STAKES FOR SILT FENCES SHALL BE 1"x2" WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 18".
4. WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42" IN HEIGHT, A MINIMUM OF 14 GAUGE, AND SHALL HAVE A MAXIMUM MESH SPACING OF 6".
5. THE HEIGHT OF THE BARRIER SHALL BE A MINIMUM OF 18" AND A MAXIMUM OF 30".
6. THE FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6" OVERLAP, AND SECURELY SEALED.
7. POSTS SHALL BE SPACED A MAXIMUM OF 6' APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 18"). WHEN STANDARD STRENGTH FABRIC IS USED WITH THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 8'.
8. THE SPACING OF TIEBACKS SHALL EQUAL THE SPACING OF THE POSTS. ADDITIONAL POST DEPTH OR TIEBACKS MAY BE REQUIRED IN UNSTABLE SOILS.
9. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4" WIDE AND A MINIMUM OF 8" DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
10. WHEN STANDARD STRENGTH FILTER FABRIC IS USED WITH A WIRE MESH SUPPORT FENCE IT SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY 1" WIRE STAPLES, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2" AND SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
11. THE STANDARD STRENGTH FILTER FABRIC, WITHOUT A WIRE MESH SUPPORT FENCE, SHALL BE STAPLED OR WIRED TO THE FENCE, AND A MINIMUM 8" OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE. DO NOT STAPLE FILTER FABRIC TO EXISTING TREES.
12. WHEN EXTRA STRENGTH FILTER FABRIC OR BURLAP AND POST SPACING IS LESS THAN THE MAXIMUM SPECIFIED SPACING OF 6', THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED.
13. BACKFILL THE TRENCH AND COMPACT THE SOIL OVER THE FILTER FABRIC.
14. REMOVE SILT FENCES WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
15. SILT FENCE SHALL NOT BE USED AS A DIVERSION AND SHALL NOT BE INSTALLED ACROSS A STREAM, CHANNEL, DITCH, SWALE, ETC.

MAINTENANCE:
1. INSPECT AFTER EACH RAINFALL AND DAILY DURING PROLONGED RAINFALL. INSPECT AT LEAST ONCE EVERY 7 CALENDAR DAYS.
2. REPLACE OR REPAIR FABRIC IMMEDIATELY IF IT DECOMPOSES OR IS INEFFECTIVE.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. SPREAD ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED AND DRESS TO CONFORM WITH THE FINISHED GRADING.

SILT FENCE
SCALE: NONE

TREE DIAMETER (DBH)	TREE PROTECTION ZONE (RADIUS FROM TRUNK)
1"	2'
2"	2'
3"	3'
4"	3'
5"	4'
6"	5'
7"	6'
8"	7'
9"	8'
10"	8'
11"	9'
12"	10'
13"	11'
14"	12'
15"	13'
16"	13'
17"	14'
18"	15'
19"	16'
20"	17'
21"	18'
22"	18'
23"	19'
24"	20'
25"	21'
TREE DIAMETER (DBH)	TREE PROTECTION ZONE (RADIUS FROM TRUNK)
26"	22'
27"	23'
28"	23'
29"	24'
30"	25'
31"	26'
32"	27'
33"	28'
34"	28'
35"	29'
36"	30'
37"	31'
38"	32'
39"	33'
40"	33'
45"	38'
50"	42'
55"	46'
60"	50'
65"	54'
70"	58'
75"	63'
80"	67'
85"	71'
90"	75'

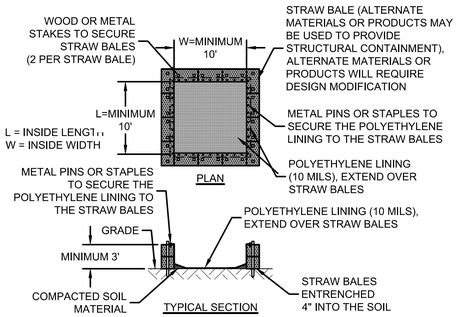
MINIMUM PROTECTION ZONE SIZES SHOWN BELOW ARE BASED ON MEASUREMENT OF TREE STEM DIAMETER AT 4.5 FEET ABOVE THE GROUND (DIAMETER AT BREAST HEIGHT - DBH). FOR TREES WITH MULTIPLE STEMS (TRUNKS) AT THE MEASURING HEIGHT, THE DBH MEASUREMENTS ARE ADDED TOGETHER TO CREATE AN OVERALL SUM DBH FOR THAT TREE.

TREE PROTECTION ZONE
SCALE: NONE

EROSION CONTROL SCHEDULE

CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
NOTIFY IDEM RULE 5 COORDINATOR (317-233-1864) AND THE STORMWATER AUTHORITY WITHIN 48 HOURS PRIOR TO STARTING CONSTRUCTION. POST THE CONTACT INFORMATION AT THE CONSTRUCTION ENTRANCE. INCLUDE A COPY OF THE NOTICE OF INTENT (NOI) AND THE ONSITE PERSON WHO IS RESPONSIBLE FOR IMPLEMENTING THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHOULD BE ONSITE AND WEEKLY SITE INSPECTION REPORTS MUST BE AVAILABLE WITHIN 48 HOURS OF REQUEST.	WITHIN 48 HOURS PRIOR TO STARTING CONSTRUCTION.
CONSTRUCTION ACCESS - ENTRANCE TO SITE, CONSTRUCTION ROUTES, AREAS DESIGNATED FOR EQUIPMENT PARKING OR MATERIAL STAGING.	THIS IS THE FIRST LAND-DISTURBING ACTIVITY, AS SOON AS CONSTRUCTION BEGINS, STABILIZE ANY BARE AREAS WITH AGGREGATE AND TEMPORARY VEGETATION.
SEDIMENT TRAPS AND BARRIERS - STRAW BALES, SILT FENCE.	AFTER CONSTRUCTION IS ACCESSED, BASINS SHALL BE INSTALLED, WITH THE ADDITION OF MORE TRAPS AND BARRIERS AS NEEDED DURING GRADING.
RUNOFF CONTROL - DIVERSIONS, PERIMETER PROTECTION, CHECKDAMS, OUTLET PROTECTION.	RUNOFF CONTROL PRACTICES SHALL BE INSTALLED AFTER THE INSTALLATION OF SEDIMENT TRAPS AND BEFORE LAND GRADING. ADDITIONAL RUNOFF CONTROL MEASURES MAY BE INSTALLED DURING GRADING.
RUNOFF CONVEYANCE SYSTEM - STABILIZE STREAM BANKS, STORM DRAINS, CHANNELS, INLET AND OUTLET PROTECTION, SLOPE DRAINS.	AS NECESSARY, STABILIZE STREAM BANKS AND SIDE SLOPES OF RUNOFF SYSTEMS AS SOON AS POSSIBLE. USE EROSION CONTROL BLANKETS OR SLOPE DRAINS TO PREVENT EROSION. INSTALL INLET PROTECTION TO PREVENT SEDIMENTS FROM ENTERING STORM DRAINAGE SYSTEMS. PROTECT STORM OUTLETS TO PREVENT EROSION.
LAND CLEARING AND GRADING - SITE PREPARATION (CUTTING, FILLING, AND GRADING, SEDIMENT TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING).	IMPLEMENT CLEARING AND GRADING AFTER INSTALLATION OF SEDIMENT TRAPS AND RUNOFF CONTROL MEASURES, AND INSTALL ADDITIONAL CONTROL MEASURES AS GRADING CONTINUES. CLEAR BORROW AND DISPOSAL AREAS AS NEEDED, AND MARK TREES AND BUFFER AREAS FOR PRESERVATION.
SURFACE STABILIZATION - TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIPRAP, EROSION CONTROL BLANKET.	APPLY TEMPORARY OR PERMANENT STABILIZING MEASURES IMMEDIATELY TO ANY DISTURBED AREAS WHERE WORK HAS BEEN EITHER COMPLETED OR DELAYED.
CONSTRUCTION - STRUCTURES, UTILITIES, PAVING.	DURING CONSTRUCTION, INSTALL ANY EROSION AND SEDIMENTATION CONTROL MEASURES THAT ARE NEEDED.
LANDSCAPING AND FINAL STABILIZATION - TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING, RIPRAP.	THIS IS THE LAST CONSTRUCTION PHASE. STABILIZE ALL DISTURBED AREAS, INCLUDING BORROW AND SPOIL AREAS, AND REMOVE ALL TEMPORARY CONTROL MEASURES. A UNIFORM DENSITY OF 70% VEGETATED COVER IS REQUIRED.

EROSION CONTROL SCHEDULE
SCALE: NONE

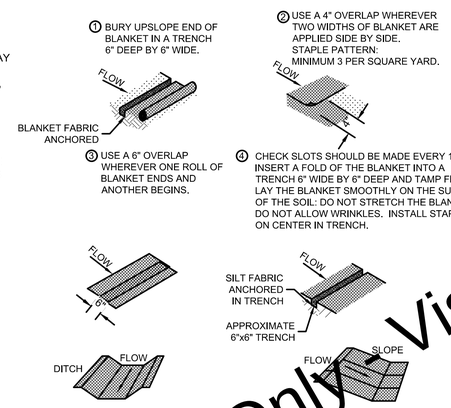


NOTES:
1. LOCATE WASHOUTS AT LEAST 50' FROM ANY CREEKS, WETLANDS, DITCHES, KARST FEATURES, OR STORM DRAIN/CONVEYANCES.

WASHOUT PROCEDURES:
1. DO NOT LEAVE EXCESS MUD IN THE CHUTES OR HOPPER AFTER POURING CONCRETE. MAKE EVERY EFFORT TO EMPTY THE CHUTE AND HOPPER AT THE POUR. THE LESS MATERIAL LEFT IN THE CHUTES AND HOPPER, THE QUICKER AND EASIER THE CLEANOUT. SMALL AMOUNTS OF EXCESS CONCRETE (NOT WASHOUT WATER) MAY BE DISPOSED OF IN AREAS THAT WILL NOT FLOW TO AN AREA THAT IS TO BE PROTECTED.
2. SCRAPE AS MUCH MATERIAL FROM THE CHUTES AS POSSIBLE BEFORE WASHING THEM. USE NON-WATER CLEANING METHODS TO MINIMIZE THE CHANCE FOR WASTE TO FLOW OFF SITE.
3. STOP WASHING OUT IN AN AREA IF YOU OBSERVE WATER RUNNING OFF THE DESIGNATED AREA OR IF THE WATER IS NOT BEING CONTAINED WITHIN THE WASHOUT AREA.
4. DO NOT BACK FLUSH EQUIPMENT AT THE PROJECT SITE.
5. DO NOT USE ADDITIVES WITH WASH WATER.
6. DO NOT WASH OUT OR DRAIN WASTE WATER TO STORM DRAINS, WETLANDS, STREAMS, RIVERS, CREEKS, DITCHES OR STREETS.

MAINTENANCE:
1. MAINTENANCE REQUIREMENTS PROVIDED IN SPECIFICATIONS.

CONCRETE WASHOUT
SCALE: NONE



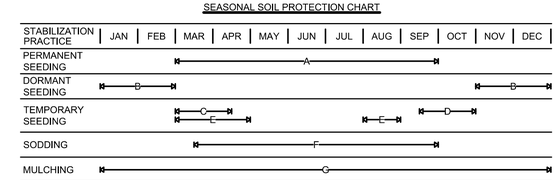
PRODUCT:
1. NORTH AMERICAN GREEN SC150, OR EQUAL.

NOTES:
1. PROTECT THE SLOPES WITH AN EROSION CONTROL BLANKET WHERE CONSTRUCTION DISTURBS SLOPES EQUAL OR STEEPER THAN 3:1.

MAINTENANCE:
1. INSPECT FOR EROSION AFTER EACH STORM EVENT DURING VEGETATION ESTABLISHMENT, AND AT LEAST ONCE EVERY 7 CALENDAR DAYS.
2. IF ANY AREAS SHOW EROSION, PULL BACK THAT PORTION OF THE BLANKET, ADD SOIL, RESEED, RELAY AND STAPLE THE BLANKET.
3. CHECK AREAS PERIODICALLY AFTER VEGETATION ESTABLISHMENT.

EROSION CONTROL BLANKET
SCALE: NONE

SEASONAL SOIL PROTECTION CHART



A. = KENTUCKY BLUEGRASS 40 LB/ACRE
B. = KENTUCKY BLUEGRASS 210 LB/ACRE
C. = SPRING OATS 100 LB/ACRE (1" PLANTING DEPTH)
D. = WHEAT OR RYE 150 LB/ACRE (1" - 1.5" PLANTING DEPTH)
E. = ANNUAL RYEGRASS 40 LB/ACRE (1/4" PLANTING DEPTH)
F. = SOD
G. = ANCHORED STRAW/HAY (2 TONS/ACRE) OR WOOD FIBER/CELLULOSE (1 TON/ACRE)

NOTES:
1. IRRIGATION NEEDED DURING MAY THROUGH SEPTEMBER.
2. IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD.
3. ANCHORED MULCH IS REQUIRED FOR PERMANENT, DORMANT AND TEMPORARY SEEDING.
4. OPTIMUM SEEDING DATES PROVIDED. DATES MAY BE EXTENDED OR SHORTENED BASED ON PROJECT LOCATION.
5. SEED MIXTURES PROVIDED FOR LAWNS AND HIGH MAINTENANCE AREAS.

MAINTENANCE:
1. INSPECT WITHIN 24 HOURS OF EACH RAIN EVENT AND AT LEAST ONCE EVERY 7 CALENDAR DAYS.
2. CHECK FOR EROSION AND MOVEMENT OF MULCH AND REPAIR IMMEDIATELY.
3. MONITOR FOR EROSION DAMAGE AND ADEQUATE COVER (70% DENSITY).
4. RESEED, FERTILIZE OR APPLY MULCH WHERE NECESSARY.

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING
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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

EROSION CONTROL DETAILS

SHEET NO. **68**

TOTAL SHEETS 70

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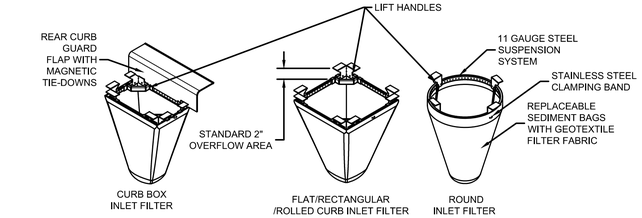


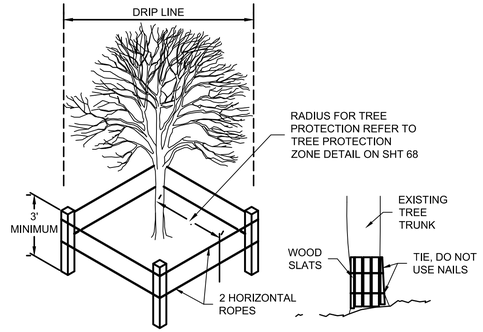
INLET FILTER SPECIFICATIONS		
WOVEN GEOTEXTILE SEDIMENT BAG SPECS (2 FT VOL)		
MATERIAL PROPERTY	TEST METHOD	VALUE (AVG)
GRAB TENSILE	ASTM D4632	255 X 275
PUNCTURE STRENGTH	ASTM D4833	135 LB
TRAPEZOIDAL TEAR	ASTM D4533	75 LB
UV RESISTANCE	ASTM D4355	90%
APP OPEN SIZE (AOS)	ASTM D4751	NO. 20 SIEVE
PERMITTIVITY	ASTM D4491	1.5 S^{-1}
WATER FLOW RATE	ASTM D4491	200 GPM/SQFT
SEDIMENT REMOVAL EFFICIENCY (8% MIX)	ASTM D7351	82%

SOURCE: FLEX STORM INLET FILTER

INSTALLATION:
1. REMOVE THE GRATE FROM THE DRAINAGE STRUCTURE.
2. CLEAN THE LEDGE DRAINAGE STRUCTURE TO ENSURE IT IS FREE OF STONE AND DIRT.
3. DROP IN THE INLET FILTER THROUGH THE CLEAR OPENING AND BE SURE THE SUSPENSION HANGERS REST FIRMLY ON THE INSIDE LEDGE.
4. REPLACE THE GRATE.
5. FOR CURB BOX INLET FILTERS: INSERT INLET FILTER AS DESCRIBED ABOVE IN COMBINATION WITH THE CURB BOX FLAP IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

MAINTENANCE:
1. INSPECT THE INLET FILTER DAILY AND AFTER EACH STORM EVENT AND EMPTY IF THE SEDIMENT BAG IS MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS, OR AS DIRECTED BY THE ENGINEER.
2. REMOVE THE GRATE AND LIFT THE INLET FILTER FROM THE DRAINAGE STRUCTURE. DISPOSE OF ACCUMULATED SEDIMENTS AND DEBRIS PROPERLY. MATERIAL SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM.
3. REMOVE ANY CAKED ON SILT FROM THE SEDIMENT BAG AND REVERSE FLUSH THE BAG FOR OPTIMAL FILTRATION.
4. REPLACE THE BAG IF THE INNER FILTER MEMBRANE IS TORN.

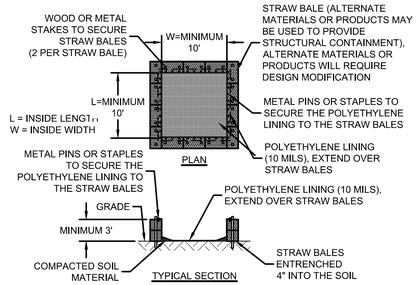
INLET PROTECTION
SCALE: NONE



NOTES:
1. PROTECT TREES WHERE NOTED ON THE DRAWINGS DURING EXCAVATION TO PROTECT TREE ROOTS.
2. OPTION 1 SHALL BE THE STANDARD TREE PROTECTION METHOD. MULTIPLE TREES MAY BE PROTECTED BY A SINGLE SET OF PERIMETER ROPES PROVIDED THE APPROPRIATE TREE PROTECTION ZONE IS MAINTAINED FOR EACH TREE.
3. OPTION 2 TREE PROTECTION METHOD MAY BE USED TO PREVENT BARK REMOVAL OR DAMAGE TO THE TRUNK OF THE TREE.

MAINTENANCE:
1. INSPECT AT LEAST ONCE EVERY 7 CALENDAR DAYS.
2. REPAIR PERIMETER BARRIERS IF DAMAGED.
3. INSPECT FOR DAMAGE FROM CONSTRUCTION ACTIVITIES. REPAIR WOUNDS SIMPLY BY REMOVING DAMAGED BARK AND WOOD TISSUE. DO NOT USE TREE PAINT.
4. CABLE AND BRACE ANY TRUNK SPLITS, WEAK FORKS, AND LARGE LIMBS.

TREE PROTECTION METHODS
SCALE: NONE

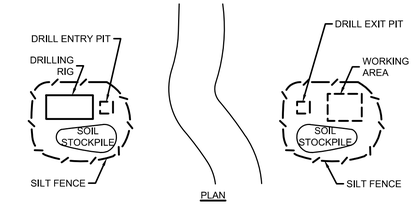


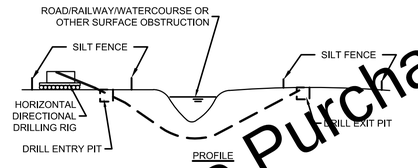
NOTES:
1. LOCATE WASHOUTS AT LEAST 50' FROM ANY CREEKS, WETLANDS, DITCHES, KARST FEATURES, OR STORM DRAIN/CONVEYANCES.

WASHOUT PROCEDURES:
1. DO NOT LEAVE EXCESS MUD IN THE CHUTES OR HOPPER AFTER POURING CONCRETE. MAKE EVERY EFFORT TO EMPTY THE CHUTE AND HOPPER AT THE POUR. THE LESS MATERIAL LEFT IN THE CHUTES AND HOPPER, THE QUICKER AND EASIER THE CLEANOUT. SMALL AMOUNTS OF EXCESS CONCRETE (NOT WASHOUT WATER) MAY BE DISPOSED OF IN AREAS THAT WILL NOT FLOW TO AN AREA THAT IS TO BE PROTECTED.
2. SCRAPE AS MUCH MATERIAL FROM THE CHUTES AS POSSIBLE BEFORE WASHING THEM. USE NON-WATER CLEANING METHODS TO MINIMIZE THE CHANCE FOR WASTE TO FLOW OFF SITE.
3. STOP WASHING OUT IN AN AREA IF YOU OBSERVE WATER RUNNING OFF THE DESIGNATED AREA OR IF THE WATER IS NOT BEING CONTAINED WITHIN THE WASHOUT AREA.
4. DO NOT BACK FLUSH EQUIPMENT AT THE PROJECT SITE.
5. DO NOT USE ADDITIVES WITH WASH WATER.
6. DO NOT WASH OUT OR DRAIN WASTE WATERS TO STORM DRAINS, WETLANDS, STREAMS, RIVERS, CREEKS, DITCHES OR STREETS.

MAINTENANCE:
1. MAINTENANCE REQUIREMENTS PROVIDED IN SPECIFICATIONS.

CONCRETE WASHOUT
SCALE: NONE

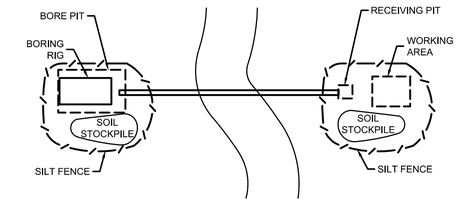


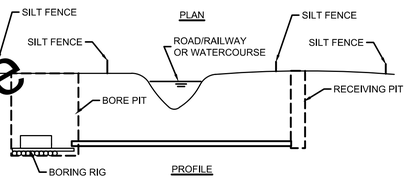


NOTES:
1. INSTALL SILT FENCE PRIOR TO ANY EXCAVATION.
2. FILTER WATER FROM BORE PIT DEWATERING, AND DO NOT DIRECTLY DISCHARGE TO ANY DITCH, STREAM, WETLAND OR STORM WATER CONVEYANCE. REFER TO PUMPING BAG DETAIL.
3. PLACE SOIL STOCKPILES WITHIN THE SILT FENCE BOUNDARY.
4. SOIL FROM STOCKPILES SHALL BE USED FOR BACKFILL OR DISPOSED OF PROPERLY.
5. RESEED AND MULCH ALL DISTURBED SOIL SURFACES.
6. PROVIDE ENVIRONMENTAL PROTECTION AS NECESSARY TO CONTAIN ANY DRILLING FLUID SPILLS.

MAINTENANCE:
1. INSPECT SILT FENCE BARRIERS AFTER EACH RAINFALL, AND REPAIR OR REPLACE IMMEDIATELY.
2. REMOVE SEDIMENT DEPOSITS FROM THE SILT FENCE AFTER STORM EVENTS.

HORIZONTAL DIRECTIONAL DRILLING
SCALE: NONE

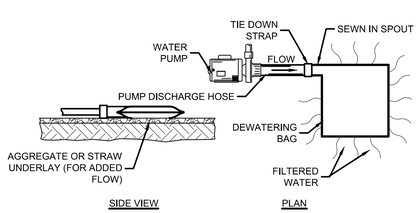




NOTES:
1. INSTALL SILT FENCE PRIOR TO ANY EXCAVATION.
2. FILTER WATER FROM BORE PIT DEWATERING, AND DO NOT DIRECTLY DISCHARGE TO ANY DITCH, STREAM, WETLAND OR STORM WATER CONVEYANCE. REFER TO PUMPING BAG DETAIL.
3. PLACE SOIL STOCKPILES WITHIN THE SILT FENCE BOUNDARY.
4. SOIL FROM STOCKPILES SHALL BE USED FOR BACKFILL OR DISPOSED OF PROPERLY.
5. RESEED AND MULCH ALL DISTURBED SOIL SURFACES.
6. PROVIDE ENVIRONMENTAL PROTECTION AS NECESSARY TO CONTAIN ANY DRILLING FLUID SPILLS.

MAINTENANCE:
1. INSPECT SILT FENCE BARRIERS AFTER EACH RAINFALL. REPAIR OR REPLACE IMMEDIATELY.
2. REMOVE SEDIMENT DEPOSITS FROM THE SILT FENCE AFTER STORM EVENTS.

HORIZONTAL BORED CROSSING
SCALE: NONE

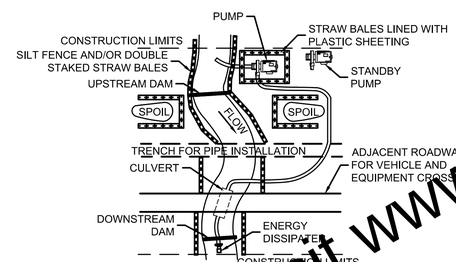


MECHANICAL PROPERTIES	TEST METHOD	UNITS	INDUSTRY STANDARD
GRAB TENSILE STRENGTH	ASTM D4632	kN (LB)	0.9 (205) X 0.9 (205)
GRAB TENSILE ELONGATION	ASTM D4632	%	50 X 50
PUNCTURE STRENGTH	ASTM D4833	kN (LB)	0.58 (130)
MULLEN BURST STRENGTH	ASTM D3786	kPa (PSI)	2618 (380)
TRAPEZOID TEAR STRENGTH	ASTM D4533	kN (LB)	0.36 (80) X 0.36 (80)
UV RESISTANCE	ASTM D4355	%	70
APPARENT OPENING SIZE	ASTM D4751	Mm (US STD SIEVE)	0.180 (80)
FLOW RATE	ASTM D4491	1/MIN/M² (GAL/MIN/FT²)	3866 (95)
PERMITTIVITY	ASTM D4491	S^{-1}	1.2

MAINTENANCE:
1. DURING THE ACTIVE DEWATERING PROCESS, INSPECTION OF THE PUMPING BAG SHOULD BE REVIEWED FREQUENTLY. SPECIAL ATTENTION SHOULD BE PAID TO THE BUFFER AREA FOR ANY SIGN OF EROSION AND CONCENTRATION OF FLOW. OBSERVE WHERE POSSIBLE THE FINAL QUALITY OF THE EFFLUENT AND DETERMINE IF ADDITIONAL TREATMENT CAN BE PROVIDED.
2. DISPOSE OF ACCUMULATED SEDIMENT REMOVED DURING PUMPING OPERATIONS IN CONFORMANCE WITH THE SPECIFICATIONS.
3. REPLACE THE BAG OR DISPOSE OF SILT WHEN HALF FULL OF SEDIMENT OR WHEN SEDIMENT HAS REDUCED THE FLOW RATE TO AN IMPRACTICAL RATE.

SOURCE:
KRISTAR
DANDY DEWATERING BAG
SEDCATCH

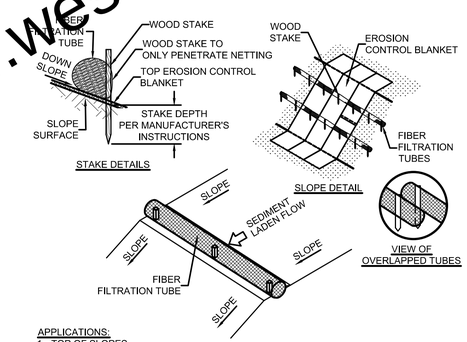
PUMPING BAG
SCALE: NONE



INSTALLATION:
1. USE THE DAM AND PUMP METHOD ON NARROW WATER COURSES WITH LOW STREAM FLOW. THE DAM AND PUMP METHOD IS NOT RECOMMENDED WHEN NO STREAM FLOW IS PRESENT.
2. IF FISH PASSAGE IS A CONCERN, DO NOT USE THE DAM AND PUMP METHOD.
3. INSTALL SILT FENCE OR DOUBLE STAKED STRAW BALES PARALLEL TO BOTH SIDES OF THE STREAM PRIOR TO EXCAVATION.
4. THE DAM AND PUMP METHOD INVOLVES DAMMING THE STREAM BEFORE EXCAVATING IN ORDER TO PREVENT INTERRUPTING DOWNSTREAM FLOW BY PUMPING THE WATER SIMULTANEOUSLY WITH DAM CONSTRUCTION.
5. CONSTRUCT UPSTREAM AND DOWNSTREAM DAMS OF SANDBAGS, STEEL PLATES, AQUADAMS OR CLEAN AGGREGATE WITH PLASTIC LINER.
6. HAVE TWO PUMPS ON HAND, EACH SIZED WITH THE PUMPING CAPACITY OF THE ANTICIPATED STREAM FLOW, TO ENSURE STANDBY FUNCTION. ONE OF THE PUMPS MUST BE ONSITE AS A BACKUP PUMP OF EQUAL OR GREATER CAPACITY AT ALL TIMES IN CASE THE PRIMARY PUMP FAILS.
7. PUMP WATER ACROSS THE CONSTRUCTION AREA THROUGH A HOSE AND ONTO AN ENERGY DISSIPATION DEVICE BACK INTO THE DRY STREAM BED DOWNSTREAM.
8. PLACE THE PUMP IN AN IMPERMEABLE, BERMED AREA ON THE UPSTREAM SIDE OF THE CONSTRUCTION SITE TO PREVENT ANY SPILLED FUEL FROM ENTERING THE WATERCOURSE.
9. MONITOR THE PUMPING OPERATION AT ALL TIMES, AND ADJUST THE PUMP AS NECESSARY TO MAINTAIN AN EVEN FLOW OF WATER ACROSS THE WORK AREA. MAINTAIN NEAR-NORMAL WATER LEVELS UPSTREAM AND DOWNSTREAM OF THE CROSSING.
10. PUMP AND FILTER STANDING WATER THAT IS ISOLATED IN THE CONSTRUCTION AREA BY THE DAMS, OR ANY STREAM WATER THAT LEAKS AROUND THE DAMS OR SEEPS FROM THE GROUND.
11. UTILIZE AN ADJACENT ROADWAY FOR VEHICLE AND EQUIPMENT CROSSINGS.

MAINTENANCE:
1. FOLLOW GENERAL MAINTENANCE PRACTICES FOR SILT FENCE, STRAW BALES, AND PUMPING BAG (IF NEEDED).
2. CONTINUOUSLY MONITOR DAMS FOR PROPER SEAL.
3. ADJUST THE DAMS AS NECESSARY TO PREVENT LARGE VOLUMES OF WATER FROM SEEPING AROUND THE DAMS AND INTO THE CONSTRUCTION WORK AREA.
4. INSPECT AT LEAST ONCE EVERY 7 CALENDAR DAYS.

DAM AND PUMP METHOD
SCALE: NONE

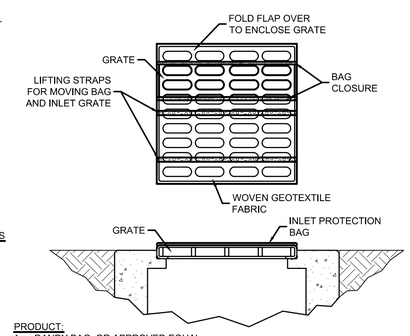


APPLICATIONS:
1. TOP OF SLOPES.
2. AT PROJECT PERIMETER.

INSTALLATION:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. USE THE APPROPRIATE SIZE, LENGTH AND DISTANCE BETWEEN TUBES AS SPECIFIED BY THE MANUFACTURER.
3. ENTRENCH PER MANUFACTURER'S INSTRUCTIONS.

MAINTENANCE:
1. REMOVE ALL ACCUMULATED SEDIMENT WHEN IT REACHES 1/4 THE HEIGHT OF THE TUBE.
2. REPAIR ERODED AND DAMAGED AREAS.
3. IF PONDING BECOMES EXCESSIVE DUE TO REDUCED FILTERING CAPACITY, REMOVE THE TUBE AND EITHER RECONSTRUCT OR REPLACE WITH NEW PRODUCT.
4. INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY 7 CALENDAR DAYS.

FIBER FILTRATION TUBES - SLOPE
SCALE: NONE

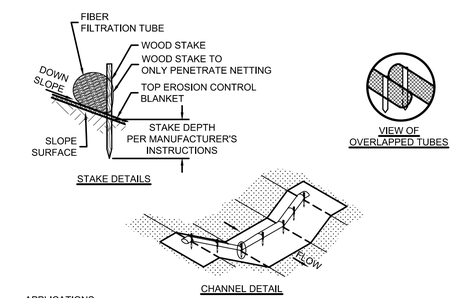


PRODUCT:
1. DANDY BAG, OR APPROVED EQUAL.

INSTALLATION:
1. THE EMPTY INLET PROTECTION BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END.
2. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE.
3. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE:
1. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT.
2. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE INLET PROTECTION BAG AS NEEDED.
3. INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND ONCE EVERY 7 CALENDAR DAYS.

INLET PROTECTION BAG
SCALE: NONE



APPLICATIONS:
1. DOWN-GRADIENT OF A PROJECT LIMITS.
2. ACROSS DITCHES OR SWALES.
3. TO SLOW FLOWS AND FILTER SEDIMENTS.

INSTALLATION:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. USE THE APPROPRIATE SIZE, LENGTH AND DISTANCE BETWEEN TUBES AS SPECIFIED BY THE MANUFACTURER.
3. ENTRENCH PER MANUFACTURER'S INSTRUCTIONS.

MAINTENANCE:
1. REMOVE ALL ACCUMULATED SEDIMENT WHEN IT REACHES 1/4 THE HEIGHT OF THE TUBE.
2. REPAIR ERODED AND DAMAGED AREAS.
3. IF PONDING BECOMES EXCESSIVE DUE TO REDUCED FILTERING CAPACITY, REMOVE THE TUBE AND EITHER RECONSTRUCT OR REPLACE WITH NEW PRODUCT.
4. INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY 7 CALENDAR DAYS.

FIBER FILTRATION TUBES - CHANNEL
SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING
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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

EROSION CONTROL DETAILS

SHEET NO. **69**

TOTAL SHEETS 70

Drawing: J:\Franklin\Projects\231120 Franklin Westside Interceptor\CAD\DWG\Sheets\231120-CD.dwg | Layout: 02 | Plotted: 08/18/25 @ 12:50:46 | LastSavedBy: MichelleE

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

- Arrow board
- Arrow board support or trailer (shown facing down)
- Changeable message sign or support trailer
- Channelizing device
- Crash cushion
- Direction of temporary traffic detour
- Direction of traffic
- Flagger
- High-level warning device (Flag tree)
- Longitudinal channelizing device
- Luminaire
- Pavement markings that should be removed for a long-term project
- Shadow vehicle
- Sign (shown facing left)
- Surveyor
- Temporary barrier
- Temporary barrier with warning light
- Traffic or pedestrian signal
- Truck-mounted attenuator
- Type 3 barricade
- Warning light
- Work space
- Work vehicle

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

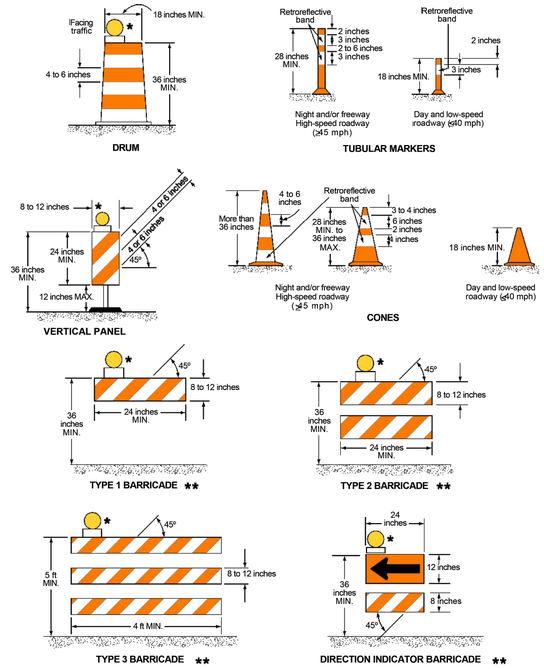
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	L = WS

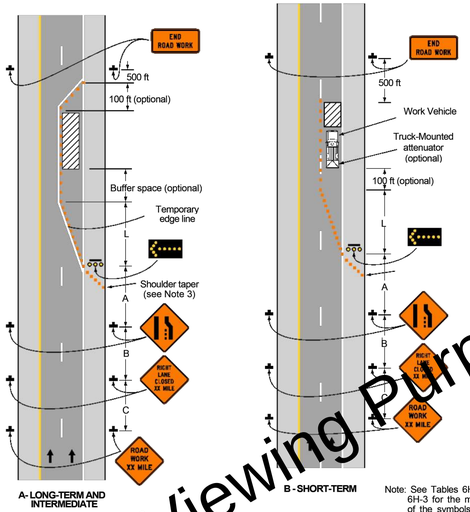
Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Figure 6F-7. Channelizing Devices



* Warning lights (optional)
** Rail stripe widths shall be 6 inches, except that 4-inch wide stripes may be used if rail lengths are less than 36 inches. The sides of barricades facing traffic shall have retroreflective rail faces.

Figure 6H-33. Stationary Lane Closure on a Divided Highway (TA-33)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 33

Notes for Figure 6H-33—Typical Application 33
Stationary Lane Closure on a Divided Highway

Standard:

1. **This information also shall be used when work is being performed in the lane adjacent to the median on a divided highway. In this case, the LEFT LANE CLOSED signs and the corresponding Lane Ends signs shall be substituted.**
2. **When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed as needed.**

Guidance:

3. *When paved shoulders having a width of 8 feet or more are closed, channelizing devices should be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the traveled way.*

Option:

4. A truck-mounted attenuator may be used on the work vehicle and/or shadow vehicle.

Support:

5. Where conditions permit, restricting all vehicles, equipment, workers, and their activities to one side of the roadway might be advantageous.

Standard:

6. **An arrow board shall be used when a freeway lane is closed. When more than one freeway lane is closed, a separate arrow board shall be used for each closed lane.**

FOR US 31 ACCESS ROAD CONSTRUCTION
SCALE: NONE

TRAFFIC CONTROL NOTES:

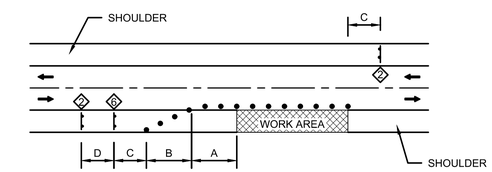
1. PROVIDE SIGNS AND PLACEMENT OF SIGNS IN COMPLIANCE WITH THE IMUTCD (LATEST EDITION) AND THE CURRENT INDOT STANDARDS.
2. WHEN ADDITIONAL WORKING SPACE IS NEEDED, UTILIZE THE FLAGGER OPERATION TO MAINTAIN ONE TRAVEL LANE.
3. COVER SIGNS 3 AND 4 WHEN WORK IS NOT IN PROGRESS.
4. WHEN WORKING NEAR STATE AND US HIGHWAYS, UTILIZE THE SHOULDER WORK SIGNAGE DETAIL.
5. BACKFILL EXCAVATIONS IN THE PAVEMENT AREAS DAILY UNTIL PAVEMENT IS REPLACED.
6. DURING CONSTRUCTION MINIMIZE DAMAGE TO THE EXISTING PAVEMENT, DRIVES, AND CURBS.
7. IF A LOCAL ROAD CLOSURE IS NEEDED, SUBMIT A DETAILED DETOUR ROUTE PLAN AND TIMELINE FOR APPROVAL 2 WEEKS PRIOR TO AN CLOSURES.
8. PROTECTION OF AND ACCESS FOR PEDESTRIANS MUST BE MAINTAINED DURING CONSTRUCTION.
9. COORDINATE CLOSURES WITH ALL EMERGENCY AGENCIES AND SCHOOL DISTRICTS.

SPEED (MPH)	DISTANCE (FEET)				
	A	B	C	D	E
20 OR LESS	120	100	100	100	100
25	160	100	100	100	100
30	200	100	100	100	100
35	280	100	350	350	350
40	320	100	350	350	350
45	360	100	500	500	500
50	440	100	500	500	500
55	520	100	500	500	500
60	600	100	1,000	1,600	2,640
65	680	100	1,000	1,600	2,640
70	760	100	1,000	1,600	2,640

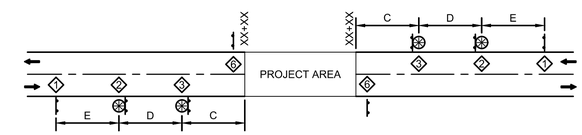
NOTES:

1. DISTANCES SHOWN ARE APPROXIMATE. ADJUST SIGN FOR CURVES, HILLS, INTERSECTIONS, DRIVEWAYS, ETC TO IMPROVE SIGN VISIBILITY.
2. THE SPACING OF CHANNELIZING DEVICES SHOULD BE A DISTANCE IN FEET EQUAL TO THE SPEED LIMIT IN MPH WHEN USED FOR TAPER CHANNELIZATION, AND A DISTANCE IN FEET EQUAL TO 2.0 TIMES THE SPEED LIMIT IN MPH USED FOR TANGENT CHANNELIZATION.

ADVANCE WARNING SIGN AND FLAGGER OPERATION SPACING
SCALE: NONE



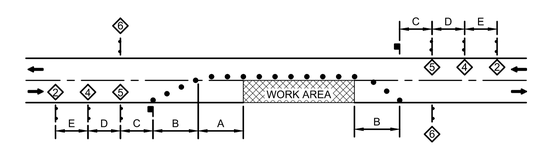
SHOULDER WORK SIGNAGE
SCALE: NONE



CONSTRUCTION SIGN PLACEMENT
SCALE: NONE

- WORK AREA(S)
- TYPE A CONSTRUCTION WARNING LIGHT
- WORKSITE ADDED PENALTY (G20-7) ONLY FOR INDOT ROADS
- "ROAD WORK AHEAD" (W20-1) OR "UTILITY WORK AHEAD" (W21-7)
- "ROAD WORK - XXX FT" (W20-1)
- "ONE LANE ROAD AHEAD" (W20-4)
- FLAGGER SIGN (W20-7)
- "END ROAD WORK" (G20-2)
- TRAFFIC CONTROL DRUM
- TRAFFIC FLOW DIRECTION
- FLAGGER
- SIGN, FACING LEFT
- SIGN, FACING RIGHT

TRAFFIC CONTROL LEGEND
SCALE: NONE



TEMPORARY FLAGGER OPERATION
SCALE: NONE

SCALE VERIFICATION	DRAWN BY	MRE
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	CHECKED BY	KMZ
	APPROVED BY	GLR
	ISSUE DATE	SEPTEMBER 2025
	PROJECT NUMBER	231120-04-002

NO.	DATE	INITIALS	REVISION DESCRIPTIONS

GARY L. RUSTON REGISTERED No. 19500302 STATE OF INDIANA PROFESSIONAL ENGINEER 09/02/2025

WESSLER ENGINEERING
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WESTSIDE REGIONAL INTERCEPTOR & LIFT STATION - PHASE 2

CITY OF FRANKLIN, INDIANA

MAINTENANCE OF TRAFFIC NOTES AND DETAILS

SHEET NO. **70**
TOTAL SHEETS 70