SET NO.

ADAMS COUNTY REGIONAL SEWER DISTRICT

ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS - PROJECT 6

CONTRACT B - CR W 1200 N - CR N 200 W

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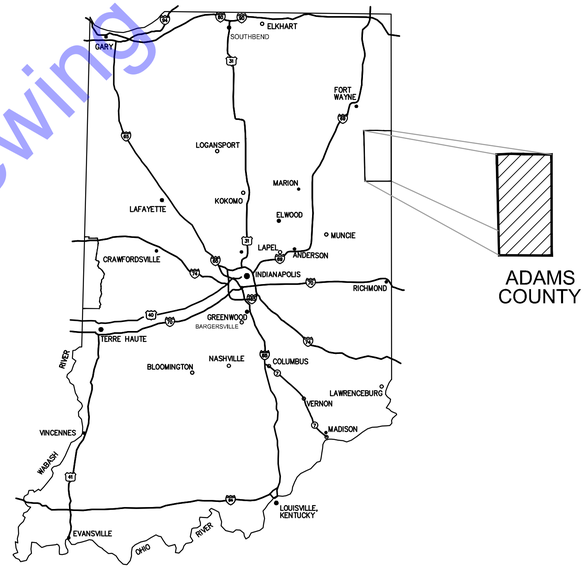

GENERAL LOCATION MAP

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QA/QC BY : **NATALIE M. SCHELLING, PE** 7/25/2025
DATE :

CERTIFIED BY : 7/25/2025
DATE :

BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

CONTRACT NO. : S24207

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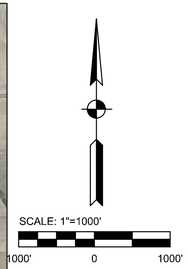
File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\1 DRAWINGS\CONTRACT B\01 - TITLE SHEET - B.DWG
Saved: 9/4/2025 2:05:10 PM Plotted: 9/8/2025 4:30:40 PM Current User: Brian Waterman LastSavedBy: chigbie

VICINITY MAP
SCALE: 1"=1000'-0"



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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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No.	Submittal / Revision	By	Date

Designed By:	Drawn By:	Checked By:
BW	BW/CH	BA
Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

VICINITY MAP AND INDEX TO SHEETS

Drawing No: G2

Sheet: 2 OF 95

File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\1 DRAWINGS\CONTRACT B\02 - VICINITY MAP - B.DWG
Saved: 9/8/2025 4:39:07 PM Plotted: 9/8/2025 4:31:03 PM Current User: Brian Waterman LastSavedBy: bwaterman

LEGEND

NEW AIR RELEASE VALVE MANHOLE	EXISTING ELECTRIC DROP	EXISTING AIR CONDITIONING UNIT
NEW FORCE MAIN	EXISTING GAS REGULATOR/METER	EXISTING WATER METER
EXFM — EXISTING FORCE MAIN	EXFO — EXISTING FIBER OPTICS	EXG — EXISTING GAS LINE
NEW FORCE MAIN CLEANOUT	EXISTING FIBER OPTICS BOX	EXISTING GAS VALVE
EXISTING SANITARY MANHOLE	EXISTING ELECTRIC BOX/PANEL/METER/PEDESTAL	EXISTING LIGHT POLE
EXSN — EXISTING SANITARY SEWER	EXISTING MAILBOX	EXISTING POWER POLE W/ GUY WIRE
EXISTING SANITARY SEWER TO BE PLUGGED	EXISTING SIGN	EXISTING YARD LIGHT
EXSN — EXISTING SANITARY/STORM SEWER TO BE ABANDONED/FILLED	EXISTING POST	EXOHE — EXISTING OVERHEAD ELECTRIC
EXISTING SANITARY/STORM SEWER TO BE REMOVED	X — X — EXISTING FENCE	EXBT — EXBT — EXISTING BURIED TELEPHONE
EXLAT — EXISTING SANITARY LATERAL	EXISTING GUARDRAIL	EXISTING TELEPHONE CONTROL BOX
EXISTING STORM STRUCTURE	EXISTING DECIDUOUS TREE	EDGE OF DRIVE
EXST — EXISTING STORM SEWER	EXISTING EVERGREEN TREE	X 866.8 EXISTING SPOT ELEVATION
EXW — EXISTING WATERLINE	EXISTING SHRUB/BUSH	CONTROL POINT
EXISTING FIRE HYDRANT	EXISTING TREE LINE	TEMPORARY BENCH MARK
EXISTING WATER VALVE	890 EXISTING MAJOR CONTOUR LINE	WATER EDGE
EXISTING WATER SPIGOT	EXISTING MINOR CONTOUR LINE	EXISTING BIG ROCK
EXISTING WATER CURB SERVICE VALVE	R/W APPROX. RIGHT-OF-WAY	ESMT — EXISTING EASEMENT
EXISTING DOWNSPOUT	APPROX. PROPERTY LINE	EXISTING T BAR FENCE POST
EXISTING SANITARY CLEANOUT	EXISTING WATER BLOW OFF	EXISTING TELEPHONE POLE
EXISTING MISC PIPE	EXISTING BOLLARD	FLPL — FLOODPLAIN
EXISTING VAULT	EXISTING COMMUNICATION MANHOLE	FLWY — FLOODWAY
EXISTING WARNING RISER		

- NEW TEMPORARY EASEMENT (PLAN ONLY)
- NEW PERMANENT EASEMENT (PLAN ONLY)
- GRANULAR BACKFILL (PROFILES AND SECTIONS ONLY)
- ASPHALT (PROFILES AND SECTIONS ONLY)
- ABANDONED IN PLACE (PLAN ONLY)
- STONE DRIVE (PLAN) GROUT (PROFILES AND SECTIONS)
- CONCRETE

UTILITY CONTACT INFORMATION

UTILITY PROVIDER	CONTACT	PHONE	ADDRESS
ADAMS COUNTY HIGHWAY DEPARTMENT	BRAD YODER	260.692.6222	201 N. POLK ST. MONROE, IN 46772 byoder@co.adams.in.us
CITY OF DECATUR SANITARY SEWER	KAREY FUELLING SUPERINTENDENT	260.724.4218	172 NORTH 2ND STREET DECATUR, IN 46733 kfuelling@cityofdecatur.in.gov
CITY OF DECATUR WATER	BILL CARPENTER ASST. SUPERINTENDENT	260.724.7171	172 NORTH 2ND STREET DECATUR, IN 46733 bcarpenter@cityofdecatur.in.gov
AMERICAN ELECTRIC POWER	J. JAY MARLOW	260.408.3447	110 E. WAYNE ST. FORT WAYNE, IN 46802 jjmarlow@aep.com
BUCKEYE PIPELINE	COLE BROOKS	260.227.1335	4527 N. MERIDIAN RD. HUNTINGTON, IN 46750 czbrooks@buckeye.com
PANHANDLE EASTERN PIPELINE (FIELD REPRESENTATIVE)	JACOB E. MOORE	260.760.8732	jacob.moore@energytransfer.com
PANHANDLE EASTERN PIPELINE	JOEL NORTON NATHAN CLOUD	317.879.3039	810 PURDUE RD. INDIANAPOLIS, IN 46268 joel.norton@energytransfer.com
CENTURY LINK (CTLCL)	STEVE LEDERLE	574.306.5586	248 MONROE ST. DECATUR, IN 46733 steven.m2.lederle@centurylink.com
MEDIACOM, LLC (DECATUR)	SCOTT ROBERTS	217.345.5533 309.797.4659	3900 26TH AVE. MOLINE, IL 61265 sroberts@mediacomcc.com
CENTERPOINT ENERGY (NORTH)	JON EASTHAM	765.287.2119	1800 W. 26TH ST. MUNCIE, IN 47302 publicproject@centerpointenergy.com
NIPSCO GAS (FORT WAYNE)	VANESSA RIVERA	260.222.3103	vrivera@nisource.com
ADAMS COUNTY RSD	NATHAN SCHERER	260.701.2019	313 W. JEFFERSON ST., ROOM 337 DECATUR, IN 46733

EXISTING UTILITY NOTES

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION. IN THE EVENT OF UTILITY CONFLICTS,CONTRACTOR SHALL NOTIFY UTILITY AND ENGINEER TO RELOCATE TO AVOID CONFLICTS.
2. THE EXISTING UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. LOCATION, SIZE AND MATERIAL SHOWN ON UTILITIES ARE FROM AVAILABLE RECORDS AND AVAILABLE FIELD MARKINGS, SUPPLIED BY THE RESPECTIVE UTILITY COMPANY. THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE (IUPPS) MUST BE NOTIFIED 48 HOURS PRIOR TO ANY EXCAVATION FOR VERIFICATION OF LOCATION, SIZE AND MATERIAL FOR EXISTING UNDERGROUND UTILITIES (1-800-382-5544).
2. SIZE, MATERIAL, DEPTH AND LOCATION OF KNOWN EXISTING SEWER FACILITIES ARE FROM AVAILABLE HISTORIC INFORMATION AND ABOVE-GROUND INSPECTION AND MEASUREMENT. THE CONTRACTOR SHALL VERIFY ALL SEWER INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS PRIOR TO ANY CONSTRUCTION WHICH WOULD BE IMPACTED BY FACILITIES NOT LOCATED AS SHOWN IN THE CONTRACT DOCUMENTS. THE COST TO CORRECT ANY FACILITIES INSTALLED PRIOR TO VERIFICATION OF EXISTING CONDITIONS BY THE CONTRACTOR SHALL BE AT NO COST TO THE OWNER OR ENGINEER. DIFFERING CONDITIONS DISCOVERED DURING VERIFICATION WILL BE HANDLED PER THE CONTRACT DOCUMENTS.
3. THE LOCATIONS OF UTILITIES AND STRUCTURES, BOTH SURFACE AND SUBSURFACE, ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF SURVEY AND ARE NOT NECESSARILY COMPLETE OR CORRECT. DETERMINING THE EXACT LOCATION AND PROTECTING UTILITIES AND STRUCTURES ARE THE RESPONSIBILITY OF THE CONTRACTOR. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF SAME IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY OWNER AND FOR ANY RESULTING CONTINGENT DAMAGE AND COST.
4. IF UTILITY FACILITIES OTHER THAN THOSE SHOWN ARE LOCATED, OR IF UTILITIES ARE LOCATED WHICH ARE NOT IN ACCORDANCE WITH THE LOCATIONS SHOWN ON THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED TO DETERMINE IF PLAN REVISIONS ARE NEEDED.
5. ALL EXISTING UTILITIES SHOWN IN PROFILE ARE INDICATED AT THEIR ASSUMED ELEVATION. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
6. IN GENERAL, UTILITY SERVICE LINES TO INDIVIDUAL CUSTOMERS ARE NOT SHOWN ON THE PLANS. CONTRACTOR SHALL ASSUME THAT UNDERGROUND SERVICE LINES EXIST TO EACH PROPERTY ALONG THE NEW SEWER ROUTE FOR WATER, SANITARY SEWER, GAS, ELECTRIC, TELEPHONE, AND FIBER OPTIC. THE CONTRACTOR SHALL LOCATE, PROTECT, AND IF DAMAGED BY CONTRACTOR, REPAIR ALL UTILITY SERVICE LINES ENCOUNTERED.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY UTILITY WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE OWNER AND THE APPLICABLE UTILITY OWNER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR/REPLACEMENT TO ALL DAMAGED WATER SERVICES. CONTRACTOR MUST NOTIFY WATER MAINTENANCE AND SERVICE DISPATCHER OF ANY DAMAGES TO THE WATER FACILITIES. DAMAGED WATER FACILITIES MUST BE REPAIRED BY THE CONTRACTOR WITHIN TWO (2) HOURS AT NO ADDITIONAL COST TO THE OWNER. IF WATER MAINTENANCE IS REQUIRED TO MAKE REPAIRS, THE CONTRACTOR WILL BE BILLED. WATER MAIN REPLACEMENT SHALL BE COORDINATED WITH THE WATER UTILITY. IF AN EMERGENCY REPAIR TO A WATER MAIN IS NEEDED, THE CONTRATOR SHALL COORDINATE WITH WATER UTILITY., AND REPAIRS SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REQUIREMENTS.
9. THE CONTRACTOR SHALL PROTECT ALL POWER POLES FROM DAMAGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES. WHERE REQUIRED, ALL UTILITY POLES ARE TO BE SUPPORTED IN A MANNER APPROVED BY THE APPROPRIATE UTILITY DURING INSTALLATION OF SEWER PIPE. ALL COSTS ASSOCIATED WITH MAINTAINING SAID FLOWS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL COSTS ASSOCIATED WITH THE PROTECTION AND/OR TEMPORARY SUPPORT OF UTILITY POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE CONTRACTOR SHALL MAKE PROVISIONS TO MAINTAIN FLOWS IN SEWERS AT ALL TIMES. BYPASS PUMPING OR ALTERNATE PROVISIONS MAY BE REQUIRED AND SHALL BE SUFFICIENT TO CONVEY FLOWS UNDER ALL CONDITIONS. ALL COSTS ASSOCIATED WITH MAINTAINING SAID FLOWS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. ALL PROPERTY AND RIGHT-OF-WAY LINES INFORMATION SHOWN IN DRAWING SET ARE APPARENT AND SHALL NOT BE DEEMED EXACT LOCATIONS. UNLESS OTHERWISE NOTED.
12. EXISTING UTILITY INFORMATION SHOWN IN DRAWINGS, MEETS "ASCE 36-02" QUALITY LEVEL B, UNLESS OTHERWISE NOTED.

    UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. ACCURACY OF LOCATION MATCHES PROJECT SURVEY TOLERANCE.

    UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION SUBSURFACE UTILITIES. THE RELIABILITY OF THIS INFORMATION IS SURVEYED TO PROJECT CONTROL AND SUBJECT TO ACCURACY LEVELS OF THE GEOPHYSICAL TOLERANCE DEFINED BY THE PROJECT.

    UTILITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND CORRELATING QUALITY LEVEL D INFORMATION.

    UTILITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OF VERBAL RECOLLECTIONS.
13. NORTHING AND EASTING COORDINATES SHOWN ON ALL EXISTING MANHOLES, INLETS, ETC. ARE SHOWN FROM CENTER OF STRUCTURE, NOT CASTING, UNLESS OTHERWISE NOTED.
14. CONTRACTOR TO PROTECT ANY EXISTING STORM SEWER AND STRUCTURES AND/OR FIELD TILE ENCOUNTERED DURING CONSTRUCTION. IF ENCOUNTERED AND DISTURBED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER. REPLACEMENT PIPES SHALL BRIDGE THE LIMITS OF THE TRENCH IN ITS ENTIRETY.

GENERAL NOTES

1. IF ANY ERRORS OR DISCREPANCIES BECOME APPARENT, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
2. LIMITS OF CONSTRUCTION SHALL BE WITHIN EXISTING RIGHT-OF-WAYS UNLESS OTHERWISE NOTED.
3. FOR AREAS OUTSIDE OF EXISTING RIGHT-OF-WAYS, THE CONTRACTOR SHALL CONFINE ALL WORK TO THE LIMITS OF PERMANENT AND TEMPORARY EASEMENTS OR CONSTRUCTION LIMIT BOUNDARIES AS SHOWN ON THE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING, AT NO ADDITIONAL COST TO THE OWNER, TEMPORARY EASEMENTS NEEDED FOR STORAGE, STOCKPILING, ACCESS, OR ANY OTHER REASON, OUTSIDE OF ANY EASEMENTS OR RIGHT-OF-WAY PROVIDED.
5. THE CONTRACTOR SHALL COORDINATE THE ACTIVITIES OF THEIR PERSONNEL, SUBCONTRACTORS, AND UTILITIES PERFORMING WORK ON THIS PROJECT. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE OWNER'S OPERATIONS AND MAINTENANCE PERSONNEL WHO MAY BE WORKING IN OR NEAR THE PROJECT AREA.
6. THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING EROSION CONTROL AND THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR WORK ON THE PROJECT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, GRADES AND ELEVATIONS. ALL PIPES SHALL SLOPE UNIFORMLY BETWEEN INVERT ELEVATIONS SHOWN.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS, PARKING LOTS, OR WALKS. THIS MATERIAL REMOVAL OR SWEEPING OF THE STREETS SHALL BE DONE AS FREQUENTLY AS NECESSARY TO MAINTAIN REASONABLY CLEAN AREAS. THE CONTRACTOR SHALL ALSO CONTROL DUST THROUGH THE USE OF WATERING, APPLICATION OF DUST PALLIATIVE, OR OTHER APPROVED METHODS. NO DIRECT PAYMENT WILL BE MADE FOR ANY SUCH CLEANING WORK OR DUST CONTROL.
9. EXISTING SIGNS TO BE REMOVED AND RESET AFTER CONSTRUCTION SHALL BE COORDINATED WITH THE ADAMS COUNTY HIGHWAY DEPARTMENT.
10. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ALL PERMITS OBTAINED FOR THE PROJECT.
11. THE COST OF ABIDING BY THE PROVISIONS OR PERMITS ISSUED BY VARIOUS AGENCIES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ALL ASSOCIATED BONDING REQUIREMENTS AND COSTS SHALL ALSO BE CONSIDERED INCIDENTAL TO THE CONTRACT.
12. THE CONTRACTOR SHALL PRESERVE AND PROTECT PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS AND BENCHMARKS, SUCH AS STONES, PIPES, OR OTHER MONUMENTS ENCOUNTERED. IF THE CONTRACTOR MUST DISTURB THE PROPERTY MARKERS OR MONUMENTS, THEIR HORIZONTAL AND VERTICAL LOCATION SHALL BE DETERMINED AND RECORDED BY A REGISTERED LAND SURVEYOR AND THE OWNER NOTIFIED BEFORE DISTURBING. ALL PROPERTY MARKERS AND MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY A REGISTERED LAND SURVEYOR TO FINAL COMPLETION.
13. ROADWAY SURFACING AND BASE MATERIALS OR OTHER PROPERTY REMOVED OR DAMAGED, SHALL BE REPLACED OR REPAIRED AS PROVIDED FOR IN THE CONTRACT DOCUMENTS.
14. REGRADE AREAS AS NECESSARY WITHIN THE CONSTRUCTION LIMITS TO ALLOW PROPER DRAINAGE TO EXISTING STORM SEWER STRUCTURES. ANY EXCESS SOIL AND SPOIL MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE.
15. WORK NOT SPECIFIED FOR PAYMENT AS OR PART OF A SPECIFIC PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT BY THE CONTRACTOR.
16. COORDINATION AND PROPER FIT AND SURVEY OF ALL PROJECT ELEMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION STAKEOUT OF THE PROJECT ELEMENTS TO VERIFY THE COORDINATES PROVIDED.
17. THE CONTRACTOR SHALL VERIFY ALL RIM ELEVATIONS OF PROPOSED STRUCTURES PRIOR TO ORDERING ANY MATERIALS. CONTRACTOR TO FURNISH AS-BUILT RIM AND INVERT ELEVATIONS TO THE OWNER IN CONJUCTION WITH THEIR RECORD DRAWINGS.
18. CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT IN CONTRACT DOCUMENTS FOR BORING LOCATIONS AND LOGS.
19. ALL NORTHINGS AND EASTINGS PROVIDED FOR NEW STRUCTURES ARE DESIGNATED TO THE CENTER OF THE STRUCTURE.
20. ADDITIONAL ACCESS ROAD OUTSIDE OF WHAT IS SHOWN ON DRAWINGS SHALL BE INCIDENTAL TO OTHER PAY ITEMS.
21. CONTRACTOR TO MAINTAIN 10'-0" HORIZONTAL AND 1'-6" VERTICAL SEPARATION BETWEEN SANITARY SEWERS/SANITARY LATERALS AND WATER MAINS/SERVICE LATERALS IN ACCORDANCE WITH IDEM REQUIREMENTS AND INDIANA ADMINISTRATIVE CODE. MANHOLES AND WATER MAINS/SERVICE LATERALS SHALL HAVE MINIMUM 8'-0" SEPARATION. WHERE SEPARATION DISTANCES CAN NOT BE MAINTAINED, PRESSURE RATED SEWER PIPE AND APPROPRIATELY LINED MANHOLES SHALL BE UTILIZED IN ACCORDANCE WITH THE SEPARATIONS. SEWER SHALL HAVE PIPE JOINTS LOCATED AS FAR AS POSSIBLE FROM THE WATER MAIN (ONE FULL SEWER PIPE LENGTH CENTERED AT WATER MAIN).
22. CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL WELLS AND SEPTICS PRIOR TO CONSTRUCTION OF MAIN LINES AND LATERALS. MAINTAIN SEPARATION FROM ALL WELLS AS NEEDED. IF PROBLEM OCCURS, NOTIFY ENGINEER PRIOR TO CONSTRUCTION.
23. CONTRACTOR TO USE ONLY CLEAN FILL IN TRENCHES WHENEVER LARGE DEBRIS IS REMOVED.
24. CONTRACTOR TO REFER TO EROSION CONTROL DRAWINGS FOR ALL EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT THE ENTIRETY OF THE PROJECT.
25. DAMAGE TO SIGNS TO BE THE CONTRACTOR'S RESPONSIBILITY. REMOVAL AND REPLACEMENT OF SIGNS TO BE CONSIDERED INCIDENTAL TO PROJECT.
26. CONTRACTOR TO RE-SET MAILBOXES DISTURBED BY CONSTRUCTION. TEMPORARY MAIL DELIVERY ACCOMMODATIONS TO BE THE CONTRACTOR'S RESPONSIBILITY UNTIL POSTS/STRUCTURES CAN BE PERMANENTLY RE-SET TO IT'S ORIGINAL CONDITION OR BETTER.

EROSION CONTROL LEGEND

- SF — SILT FENCE
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SODDING

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER
Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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No.	Submittal Revision	By	Date

Designed By:	Drawn By:	Checked By:
BW	BW/CH	BA
Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

GENERAL NOTES, UTILITY NOTES, LEGEND AND UTILITY CONTACTS

Drawing No: G3

Sheet: 3 OF 95

File: Z:\SHAREDIN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CADA CURRENT FILES\1 DRAWINGS\CONTRACT B\02 - VICINITY MAP - B.DWG
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GENERAL LOCATION PLAN
SCALE: 1"=200'-0"

File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\1 DRAWINGS\CONTRACT B\03 - GENERAL LOCATION - B.DWG
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ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
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9/2025	S24207	AS SHOWN

GENERAL LOCATION PLAN AND SHEET LAYOUT

Drawing No:
G4
Sheet: 4 OF 95

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SCALE: 1"=200'

200' 0 200'

GENERAL LOCATION PLAN

SCALE: 1"=200'-0"

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ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
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GENERAL LOCATION PLAN AND SHEET LAYOUT

Drawing No: G5

Sheet: 5 OF 95

File: Z:\SHAREDIN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\1 DRAWINGS\CONTRACT B\03 - GENERAL LOCATION - B.DWG
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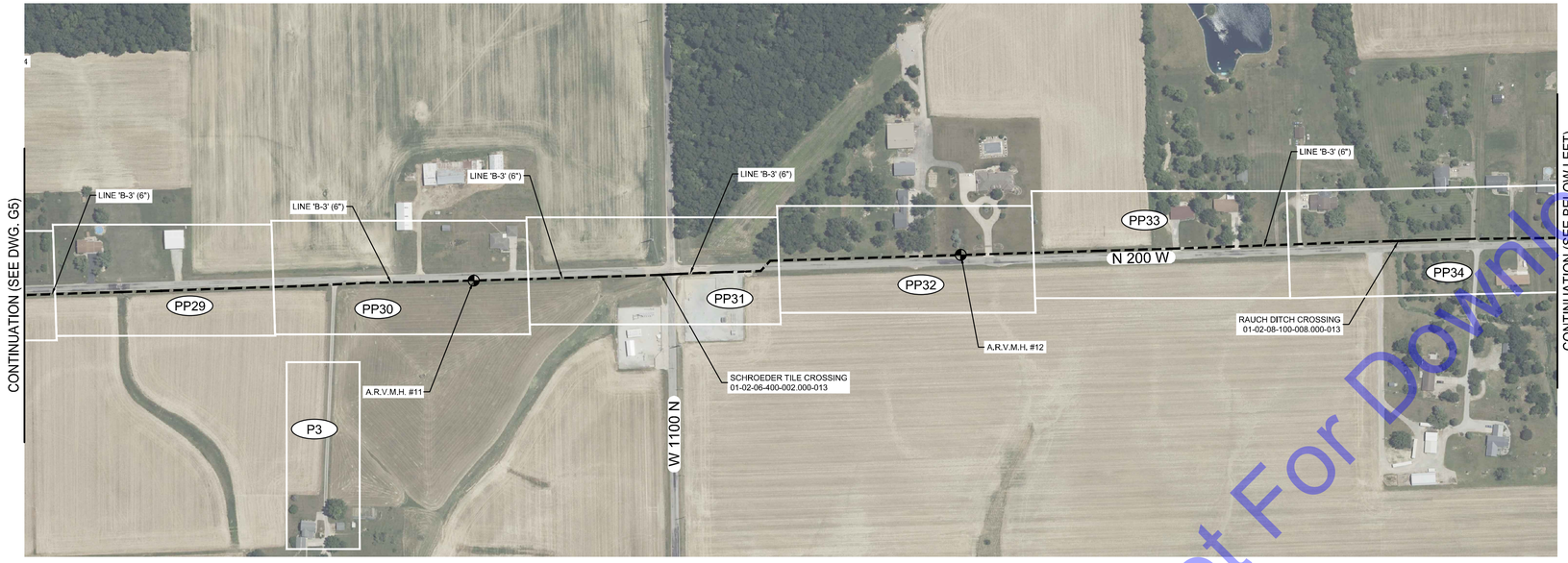

SCALE: 1"=200'

200' 0 200'

GENERAL LOCATION PLAN

SCALE: 1"=100'-0"

SCALE: 1"=200'

200' 0 200'

GENERAL LOCATION PLAN

SCALE: 1"=100'-0"

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ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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Issue Date:	Project No:	Scale:
9/2025	S24207	AS SHOWN

GENERAL LOCATION PLAN AND SHEET LAYOUT

Drawing No: G6

Sheet: 6 OF 95

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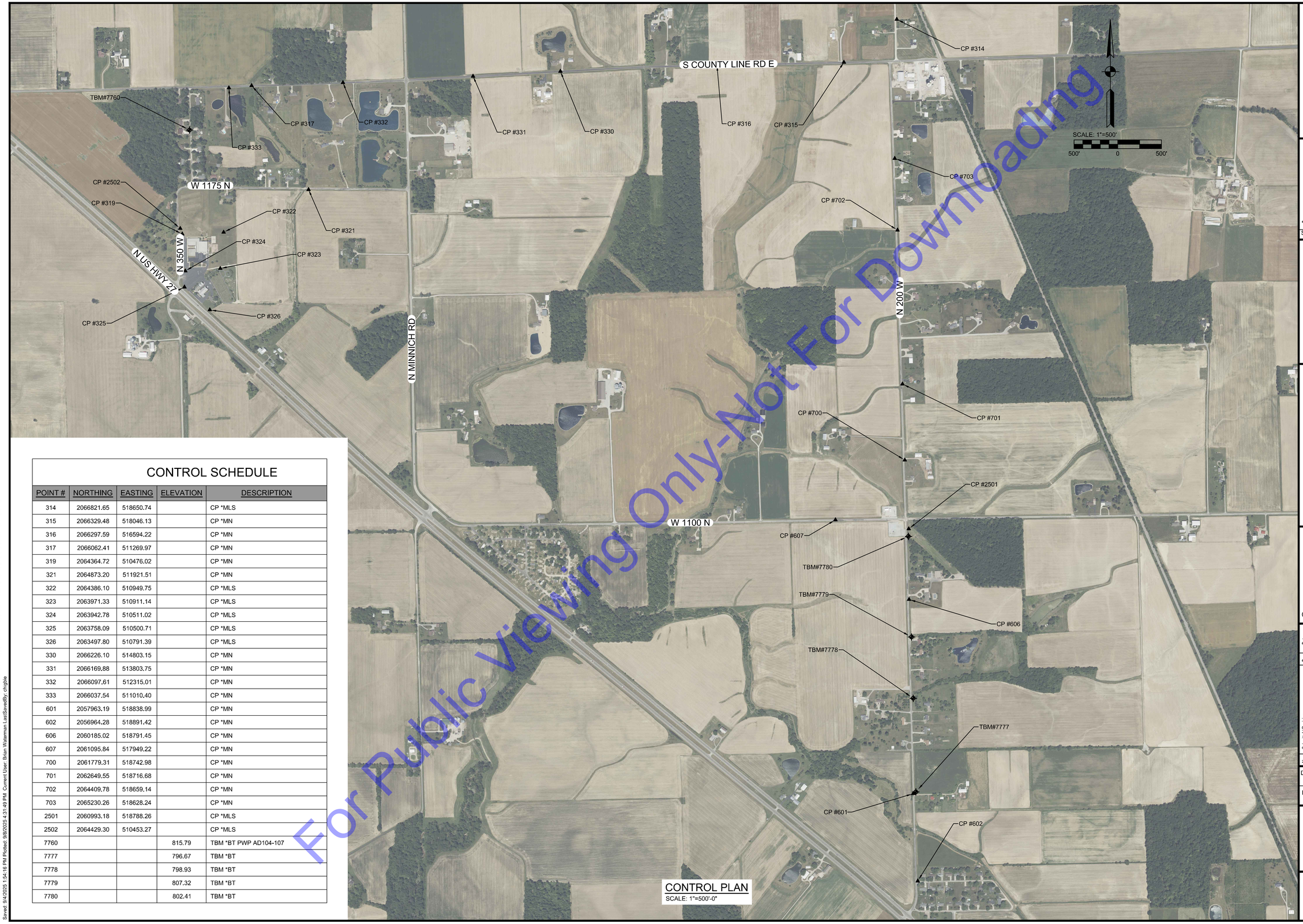

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CONTROL SCHEDULE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
314	2066821.65	518650.74		CP *MLS
315	2066329.48	518046.13		CP *MN
316	2066297.59	516594.22		CP *MN
317	2066062.41	511269.97		CP *MN
319	2064364.72	510476.02		CP *MN
321	2064873.20	511921.51		CP *MN
322	2064386.10	510949.75		CP *MLS
323	2063971.33	510911.14		CP *MLS
324	2063942.78	510511.02		CP *MLS
325	2063758.09	510500.71		CP *MLS
326	2063497.80	510791.39		CP *MLS
330	2066226.10	514803.15		CP *MN
331	2066169.88	513803.75		CP *MN
332	2066097.61	512315.01		CP *MN
333	2066037.54	511010.40		CP *MN
601	2057963.19	518838.99		CP *MN
602	2056964.28	518891.42		CP *MN
606	2060185.02	518791.45		CP *MN
607	2061095.84	517949.22		CP *MN
700	2061779.31	518742.98		CP *MN
701	2062649.55	518716.68		CP *MN
702	2064409.78	518659.14		CP *MN
703	2065230.26	518628.24		CP *MN
2501	2060993.18	518788.26		CP *MLS
2502	2064429.30	510453.27		CP *MLS
7760			815.79	TBM *BT PWP AD104-107
7777			796.67	TBM *BT
7778			798.93	TBM *BT
7779			807.32	TBM *BT
7780			802.41	TBM *BT

CONTROL PLAN
SCALE: 1"=500'-0"

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ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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CONTROL PLAN

Drawing No:
G7
Sheet: 7 OF 95

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PROPOSED GRINDER PUMP STATION DATA

STATION NUMBER	LINE	DRAWING NUMBER	ADDRESS SERVED	GRINDER STATION DEPTH (FT)	TOP OF GPS ELEVATION
GPS #1	'B'	P1	3480 W 1200 N	10	813.8
GPS #2	'B'	PP5	10301 E SOUTH COUNTY LINE RD	10	810.4
GPS #3	'B'	PP5	3380 W 1200 N	10	810.4
GPS #4	'B'	PP5	3286 W 1200 N	10	811.4
GPS #5	'B'	P1	3196 W 1200 N	10	812.2
GPS #6	'B-2'	PP8	3311 W 1175 N	10	810.0
GPS #7	'B-2'	PP8	3303 W 1175 N	10	807.4
GPS #8	'B-2'	PP8	3265 W 1175 N	10	801.1
GPS #9	'B-3'	PP13	N MINNICH RD	10	813.4
GPS #10	'B-3'	PP13	11885 N MINNICH RD	10	813.3
GPS #11	'B-3'	P1	11878 N MINNICH RD	10	812.0
GPS #12	'B-3'	P1	11873 N MINNICH RD	10	815.4
GPS #13	'B-3'	P1	11970 N MINNICH RD	10	815.9
GPS #14	'B-3'	PP15	11971 N MINNICH RD	10	818.5
GPS #15	'B-3'	PP17	2724 W 1200 N	10	823.3
GPS #16	'B-3'	PP18	11223 E SOUTH COUNTY LINE RD	10	822.3
GPS #17	'B-3'	PP19	2512 W 1200 N	10	807.3
GPS #18	'B-3'	PP19	2484 W 1200 N	10	809.4
GPS #19	'B-3'	P2	11527 E SOUTH COUNTY LINE RD	10	817.1
GPS #20	'B-3'	PP21	11927 E SOUTH COUNTY LINE RD	10	817.6
GPS #21	'B-3'	P2	12109 E SOUTH COUNTY LINE RD	10	832.1
GPS #22	'B-3'	PP24	11843 N 200 W	10	824.0
GPS #23	'B-3'	PP25	11767 N 200 W	10	821.7
GPS #24	'B-3'	PP26	11693 N 200 W	10	813.2
GPS #25	'B-3'	PP27	11500 N 200 W	10	806.1
GPS #26	'B-3'	P2	11495 N 200 W	10	806.8
GPS #27	'B-3'	P2	11475 N 200 W	10	804.4
GPS #28	'B-3'	PP28	11385 N 200 W	10	808.1
GPS #29	'B-3'	PP29	11295 N 200 W	10	802.7
GPS #30	'B-3'	P3	11170 N 200 W	10	801.4
GPS #31	'B-3'	PP30	11077 N 200 W	10	808.8
GPS #32	'B-4'	PP39	11555 N. US HWY 27	10	801.8
GPS #33	'B-4 ALT'	P3	11363 N US HWY 27	10	801.9
GPS #34	'B-5'	PP40	17810 EMENHISER RD	10	834.7
GPS #35	'B-5'	PP40	17727 EMENHISER RD	10	831.2
GPS #36	'B-5'	PP40	17825 EMENHISER RD	10	831.2
GPS #37	'B-6'	PP41	11997 NE ADAMS ST	10	827.8
GPS #38	'B-6'	PP41	1986 W MAIN ST	10	827.6
GPS #39	'B-6'	PP41	1964 W MAIN ST	10	820.9
GPS #40	'B-7'	PP42	11411 N 200 W	10	807.2
GPS #41	'B-7'	PP42	11391 N 200 W	10	807.8
GPS #42	'B-7'	PP43	11393 N 200 W	10	814.7
GPS #43	'B-7'	PP43	11395 N 200 W	10	812.8
GPS #44	'B-8'	PP44	1988 W 1200 N	10	828.8

PROPOSED GRAVITY TAP DATA

TAP NUMBER	LINE	DRAWING NUMBER	ADDRESS SERVED
GRAVITY TAP #1	'B'	PP1	11730 N 350 W
GRAVITY TAP #2	'B'	PP2	11761 N 350 W
GRAVITY TAP #3	'B'	PP2	3475 W 1175 N
GRAVITY TAP #4	'B'	PP2	11800 N 350 W
GRAVITY TAP #5	'B'	PP2	11801 N 350 W
GRAVITY TAP #6	'B'	PP3	11831 N 350 W
GRAVITY TAP #7	'B'	PP3	11822 N 350 W
GRAVITY TAP #8	'B'	PP3	11873 N 350 W
GRAVITY TAP #9	'B'	PP3	11920 N 350 W
GRAVITY TAP #10	'B'	PP3	11979 N 350 W
GRAVITY TAP #11	'B'	PP4	3488 W 1200 N
GRAVITY TAP #12	'B-2'	PP7	3390 W 1175 N
GRAVITY TAP #13	'B-2'	PP7	3395 W 1175 N
GRAVITY TAP #14	'B-2'	PP7	3489 W 1175 N
GRAVITY TAP #15	'B-1'	PP1	11555 N HIGHWAY 27

STRUCTURE TABLE

STRUCTURE NAME:	DRAWING NUMBER:	DETAILS:	PIPES IN:	PIPES OUT
2"-45 BEND #1 'B'	PP4	INV IN = 807.69 INV OUT = 807.70	2" INV IN =807.69 NE	2" INV OUT =807.70 S
2"-45 BEND #2 'B'	PP4	INV IN = 807.69 INV OUT = 807.69	2" INV IN =807.69 E	2" INV OUT =807.69 SW
2"-45 BEND #3 'B-4'	PP38	INV IN = 793.96 INV OUT = 793.96	2" INV IN =793.96 SE	2" INV OUT =793.96 N
2"-45 BEND #4 'B-4'	PP38	INV IN = 793.92 INV OUT = 793.92	2" INV IN =793.92 S	2" INV OUT =793.92 NW
2"-45 BEND #5 'B-4'	PP38	INV IN = 793.85 INV OUT = 793.85	2" INV IN =793.85 SE	2" INV OUT =793.85 N
2"-45 BEND #6 'B-5'	PP40	INV IN = 817.24 INV OUT = 817.24	2" INV IN =817.24 E	2" INV OUT =817.24 SW
2"-45 BEND #7 'B-5'	PP40	INV IN = 818.38 INV OUT = 818.38	2" INV IN =818.38 N	2" INV OUT =818.38 SW
6"-45 BEND #1 'B-3'	PP9	INV IN = 801.78 INV OUT = 801.83	6" INV IN =801.78 S	6" INV OUT =801.83 NE
6"-45 BEND #2 'B-3'	PP9	INV IN = 801.87 INV OUT = 801.87	6" INV IN =801.87 SW	6" INV OUT =801.87 E
6"-45 BEND #3 'B-3'	PP9	INV IN = 802.09 INV OUT = 802.09	6" INV IN =802.09 W	6" INV OUT =802.09 NE
6"-45 BEND #4 'B-3'	PP9	INV IN = 802.18 INV OUT = 802.18	6" INV IN =802.18 SW	6" INV OUT =802.18 N
6"-45 BEND #5 'B-3'	PP9	INV IN = 808.83 INV OUT = 808.83	6" INV IN =808.83 S	6" INV OUT =808.83 NE
6"-45 BEND #6 'B-3'	PP9	INV IN = 808.91 INV OUT = 808.91	6" INV IN =808.91 SW	6" INV OUT =808.91 E
6"-45 BEND #7 'B-3'	PP12	INV IN = 791.47 INV OUT = 791.47	6" INV IN =791.47 W	6" INV OUT =791.47 NE
6"-45 BEND #8 'B-3'	PP12	INV IN = 792.73 INV OUT = 792.73	6" INV IN =792.73 SW	6" INV OUT =792.73 E
6"-45 BEND #9 'B-3'	PP13	INV IN = 805.50 INV OUT = 805.50	6" INV IN =805.50 W	6" INV OUT =805.50 NE
6"-45 BEND #10 'B-3'	PP13	INV IN = 805.85 INV OUT = 805.85	6" INV IN =805.85 SW	6" INV OUT =805.85 N
6"-45 BEND #11 'B-3'	PP15	INV IN = 810.34 INV OUT = 810.34	6" INV IN =810.34 S	6" INV OUT =810.34 NE
6"-45 BEND #12 'B-3'	PP15	INV IN = 810.21 INV OUT = 810.21	6" INV IN =810.21 SW	6" INV OUT =810.21 E
6"-45 BEND #13 'B-3'	PP23	INV IN = 817.22 INV OUT = 817.22	6" INV IN =817.22 W	6" INV OUT =817.22 SE
6"-45 BEND #14 'B-3'	PP23	INV IN = 817.25 INV OUT = 817.25	6" INV IN =817.25 NW	6" INV OUT =817.25 S
6"-45 BEND #15 'B-3'	PP31	INV IN = 795.07 INV OUT = 795.07	6" INV IN =795.07 N	6" INV OUT =795.07 SE
6"-45 BEND #16 'B-3'	PP31	INV IN = 795.86 INV OUT = 795.86	6" INV IN =795.86 NW	6" INV OUT =795.86 S
6"-45 BEND #17 'B-3'	PP37	INV IN = 795.81 INV OUT = 795.81	6" INV IN =795.81 N	6" INV OUT =795.81 SE
6"-45 BEND #18 'B-3'	PP37	INV IN = 796.02 INV OUT = 796.02	6" INV IN =796.02 NW	6" INV OUT =796.02 E

STRUCTURE TABLE

STRUCTURE NAME:	DRAWING NUMBER:	DETAILS:	PIPES IN:	PIPES OUT
100 'B'	PP1	48" RIM = 806.85 INV IN = 794.00 INV IN = 799.10 INV IN = 794.00 INV OUT = 793.90	8" INV IN =794.00 S 8" INV IN =799.10 N 8" INV IN =794.00 N	8" INV OUT =793.90 W
101 'B-1'	PP1	48" RIM = 803.49 INV IN = 797.46 INV OUT = 796.00	2" INV IN =797.46 S	8" INV OUT =796.00 N
102 'B'	PP1	48" RIM = 810.65 INV IN = 800.13 INV OUT = 800.03	8" INV IN =800.13 N	8" INV OUT =800.03 S
103 'B'	PP2	48" RIM = 814.29 INV IN = 801.55 INV OUT = 801.45	8" INV IN =801.55 E	8" INV OUT =801.45 S
104 'B'	PP2	48" RIM = 814.80 INV IN = 802.48 INV IN = 803.50 INV OUT = 802.38	8" INV IN =802.48 N 8" INV IN =803.50 E	8" INV OUT =802.38 W
105 'B'	PP2	48" RIM = 813.77 INV IN = 803.57 INV OUT = 803.47	8" INV IN =803.57 N	8" INV OUT =803.47 S
106 'B'	PP3	48" RIM = 813.69 INV IN = 804.87 INV OUT = 804.77	8" INV IN =804.87 N	8" INV OUT =804.77 S
107 'B'	PP3	48" RIM = 812.81 INV IN = 806.37 INV OUT = 806.27	8" INV IN =806.37 N	8" INV OUT =806.27 S
108 'B'	PP4	48" RIM = 813.37 INV IN = 807.83 INV OUT = 806.96	2" INV IN =807.83 N	8" INV OUT =806.96 S
109 'B-2'	PP7	48" RIM = 812.81 INV IN = 806.00 INV OUT = 805.10	2" INV IN =806.00 E	8" INV OUT =805.10 W
A.R.V. - CO #1 'B-5'	PP40	48" RIM = 831.92 INV OUT = 826.68	N/A	2" INV OUT =826.68 S
A.R.V. - CO #2 'B-8'	PP44	48" RIM = 826.91 INV OUT = 820.40	N/A	2" INV OUT =820.40 W
A.R.V.M.H. #1 'B'	PP6	48" RIM = 814.76 INV IN = 808.83 INV OUT = 808.83	2" INV IN =808.83 E	2" INV OUT =808.83 W
A.R.V.M.H. #2 'B-3'	PP9	48" RIM = 815.23 INV IN = 808.95 INV OUT = 808.95	6" INV IN =808.95 SW	6" INV OUT =808.95 NE
A.R.V.M.H. #3 'B-3'	PP14	48" RIM = 813.42 INV IN = 807.25 INV OUT = 807.25	6" INV IN =807.25 S	6" INV OUT =807.25 N
A.R.V.M.H. #4 'B-3'	PP15	48" RIM = 816.54 INV IN = 810.34 INV OUT = 810.34	6" INV IN =810.34 S	6" INV OUT =810.34 N
A.R.V.M.H. #5 'B-3'	PP17	48" RIM = 824.63 INV IN = 818.78 INV OUT = 818.78	6" INV IN =818.78 W	6" INV OUT =818.78 E
A.R.V.M.H. #6 'B-3'	PP21	48" RIM = 818.90 INV IN = 813.27 INV OUT = 813.27	6" INV IN =813.27 W	6" INV OUT =813.27 E
A.R.V.M.H. #7 'B-3'	PP22	48" RIM = 820.08 INV IN = 812.96 INV OUT = 812.96	6" INV IN =812.96 W	6" INV OUT =812.96 E
A.R.V.M.H. #8 'B-3'	PP24	48" RIM = 832.39 INV IN = 825.89 INV OUT = 825.89	6" INV IN =825.89 N	6" INV OUT =825.89 S
A.R.V.M.H. #9 'B-3'	PP27	48" RIM = 806.76 INV IN = 800.50 INV OUT = 800.50	6" INV IN =800.50 N	6" INV OUT =800.50 S
A.R.V.M.H. #10 'B-3'	PP28	48" RIM = 808.15 INV IN = 801.40 INV OUT = 801.40	6" INV IN =801.40 N	6" INV OUT =801.40 S
A.R.V.M.H. #11 'B-3'	PP30	48" RIM = 807.12 INV IN = 801.03 INV OUT = 801.03	6" INV IN =801.03 N	6" INV OUT =801.03 S

STRUCTURE TABLE

STRUCTURE NAME:	DRAWING NUMBER:	DETAILS:	PIPES IN:	PIPES OUT
A.R.V.M.H. #12 'B-3'	PP32	48" RIM = 811.41 INV IN = 805.58 INV OUT = 805.58	6" INV IN =805.58 N	6" INV OUT =805.58 S
A.R.V.M.H. #13 'B-3'	PP35	48" RIM = 798.31 INV IN = 792.37 INV OUT = 792.37	6" INV IN =792.37 N	6" INV OUT =792.37 S
A.R.V.M.H. #14 'B-7'	PP42	48" RIM = 813.34 INV IN = 807.57 INV OUT = 807.57	2" INV IN =807.57 E	2" INV OUT =807.57 W
EX. LS STR. 'B-1'	CONTRACTOR TO REMOVE ALL EQUIPMENT AND CONTROLS AND DISPOSE OF LAWFULLY		RIM = 808.90 INV IN = 793.27	8" INV IN =793.27 S N/A
EX. MH 'B-3'	PP37	48" RIM = 803.38 INV IN = 796.19 INV OUT = 794.40	6" INV IN =796.19 W	8" INV OUT =794.40 E
F.C. #1 'B'	PP5	12" RIM = 810.39 INV IN = 804.72 INV OUT = 804.72	2" INV IN =804.72 E	2" INV OUT =804.72 W
F.C. #2 'B'	PP6	12" RIM = 812.74 INV OUT = 806.40	N/A	2" INV OUT =806.40 W
F.C. #3 'B-2'	PP8	12" RIM = 801.28 INV OUT = 796.14	N/A	2" INV OUT =796.14 W
F.C. #4 'B-4'	PP38	12" RIM = 801.81 INV IN = 793.71 INV OUT = 793.71	2" INV IN =793.71 SE	2" INV OUT =793.71 NW
F.C. #5 'B-4'	PP39	12" RIM = 794.54 INV IN = 787.83 INV OUT = 787.83	2" INV IN =787.83 SE	2" INV OUT =787.83 NW
F.C. #5A 'B-4 ALT'	PP39	12" RIM = 789.27 INV OUT = 783.41	N/A	2" INV OUT =783.41 NW
F.C. #6 'B-6'	PP41	12" RIM = 824.42 INV OUT = 818.02	N/A	2" INV OUT =818.02 W
F.C. #7 'B-7'	PP42	12" RIM = 813.04 INV IN = 807.40 INV OUT = 807.40	2" INV IN =807.40 E	2" INV OUT =807.40 W
F.C. #8 'B-7'	PP43	12" RIM = 809.19 INV OUT = 803.66	N/A	2" INV OUT =803.66 W
TEE #5 'B-3'	PP23 & PP40 = 0+00 'B-5' 6"x2" TEE AND A 2" ISOLATION VALVE		INV IN = 817.25 INV IN = 817.25 INV OUT = 817.25	6" INV IN =817.25 NW 2" INV IN =817.25 NE 6" INV OUT =817.25 SE
TEE #6 'B-3'	PP24 & PP41 = 0+00 'B-6' 6"x2" TEE AND A 2" ISOLATION VALVE		INV IN = 821.61 INV IN = 821.61 INV OUT = 821.61	6" INV IN =821.61 N 2" INV IN =821.61 E 6" INV OUT =821.61 S
TEE #7 'B-3'	PP28 & PP42 = 0+00 'B-7' 6"x2" TEE AND A 2" ISOLATION VALVE		INV IN = 798.68 INV IN = 798.68 INV OUT = 798.68	6" INV IN =798.68 N 2" INV IN =798.68 E 6" INV OUT =798.68 S
VALVE #1 'B-8'	PP44		INV IN = 818.06 INV OUT = 818.06	2" INV IN =818.06 E 2" INV OUT =818.06 W
VALVE #2 'B-5'	PP40		INV IN = 817.24 INV OUT = 817.24	2" INV IN =817.24 NE 2" INV OUT =817.24 SW
VALVE #3 'B-6'	PP41		INV IN = 821.61 INV OUT = 821.61	2" INV IN =821.61 E 2" INV OUT =821.61 W
VALVE #4 'B-7'	PP42		INV IN = 798.77 INV OUT = 798.77	2" INV IN =798.77 E 2" INV OUT =798.77 W
VALVE VAULT 'B-3'	PP9	72" RIM = 808.50 INV IN = 801.50 INV OUT = 801.78	6" INV IN =801.50 S	6" INV OUT =801.78 N
WET WELL 'B-3'	PP9	72" RIM = 808.50 INV IN = 793.75 INV OUT = 801.50	8" INV IN =793.75 E	6" INV OUT =801.50 N
WYE #1 'B-5'	PP40 = 0+00 'B-8' 2" WYE		INV IN = 818.05 INV IN = 817.83 INV OUT = 817.83	2" INV IN =818.05 E 2" INV IN =817.83 NE 2" INV OUT =817.83 W

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ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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STRUCTURE DATA TABLES

Drawing No: G8

Sheet: 8 OF 95

File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\1 DRAWINGS\CONTRACT B\03 - GENERAL LOCATION - B.DWG
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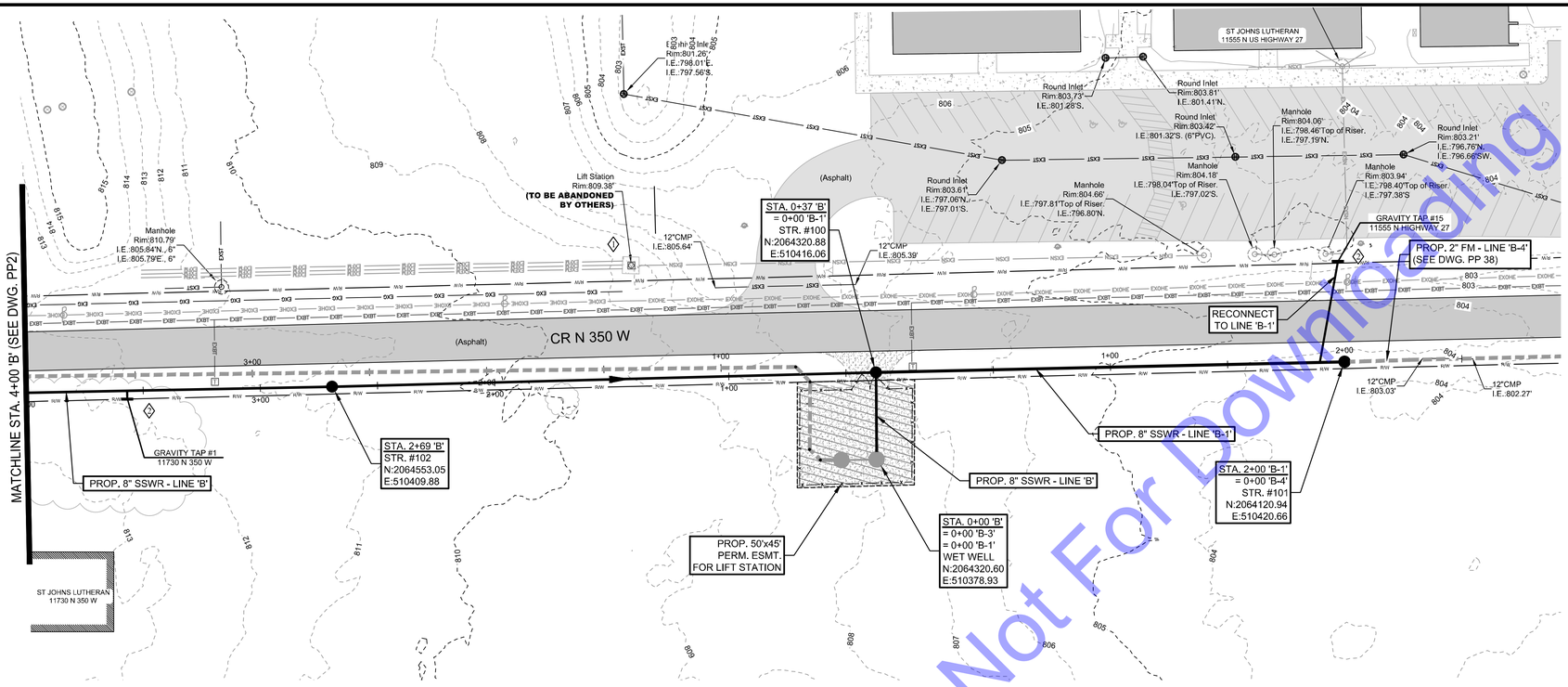

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO REMOVE ALL PIPING AND EQUIPMENT AND DISPOSE OF LAWFULLY. CONTRACTOR TO CORE HOLE INTO EXISTING LIFT STATION/DOSING TANK AND CONNECT NEW 8" SANITARY SEWER WITH A WATERTIGHT CONNECTION.
2. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER THE LOCATION OF THE NEW SANITARY SEWER LATERAL PRIOR TO CONSTRUCTION ON LINE 'B'.

NOTE:
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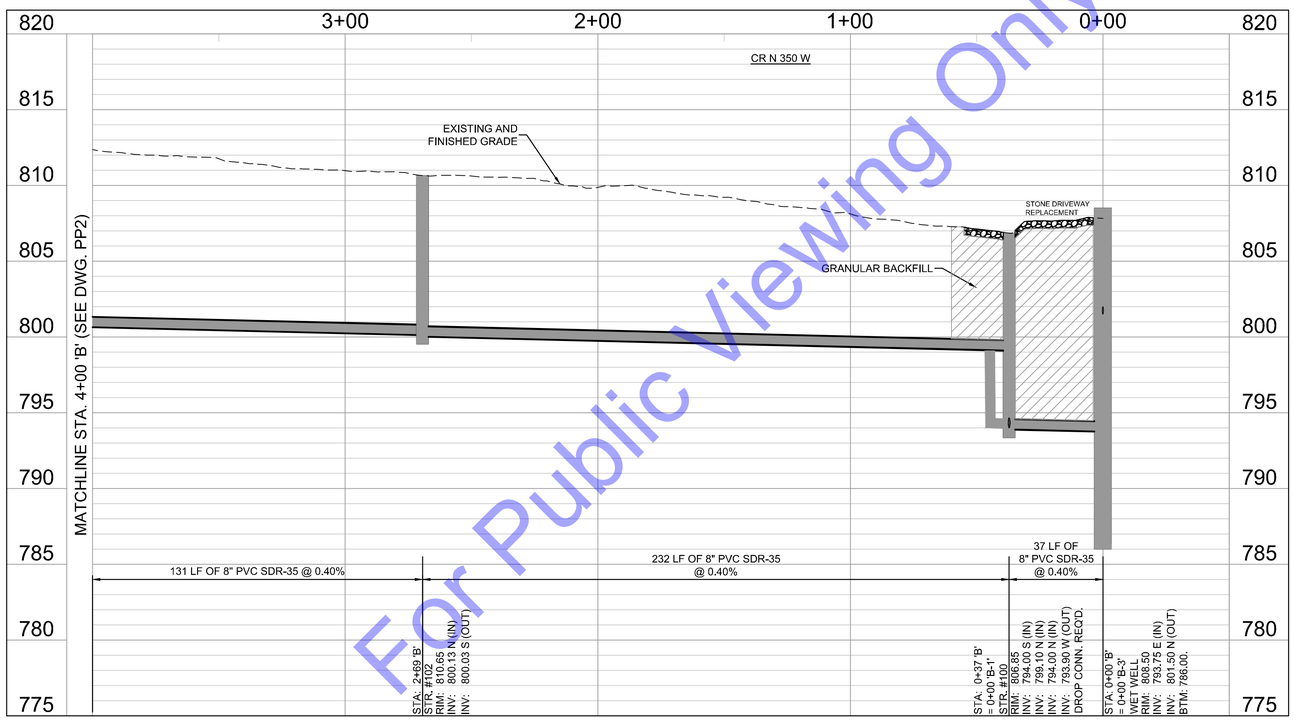
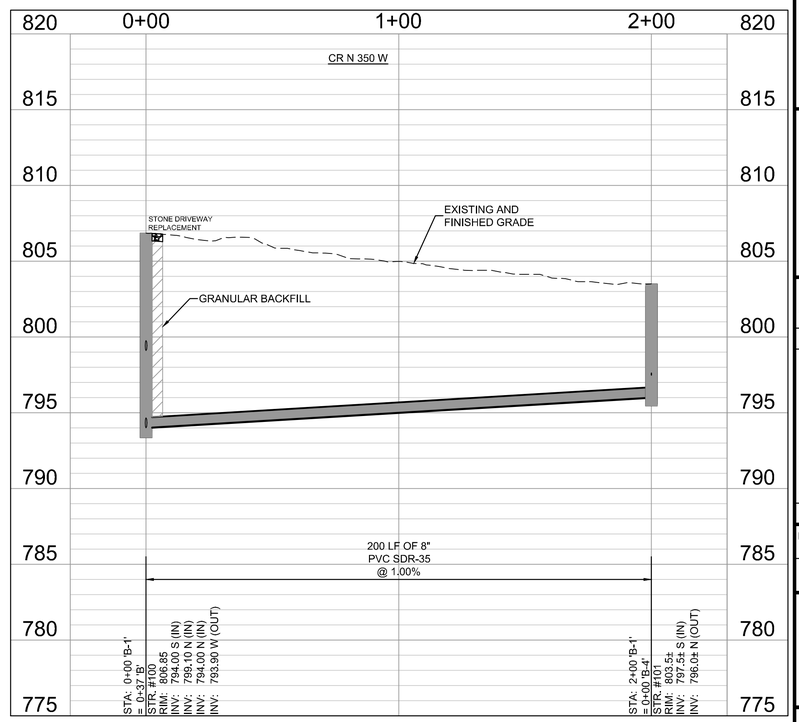


PROFILE - LINE 'B'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"



PROFILE - LINE 'B-1'
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VERTICAL SCALE: 1"=5'-0"

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2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
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Sheet: 9 OF 95

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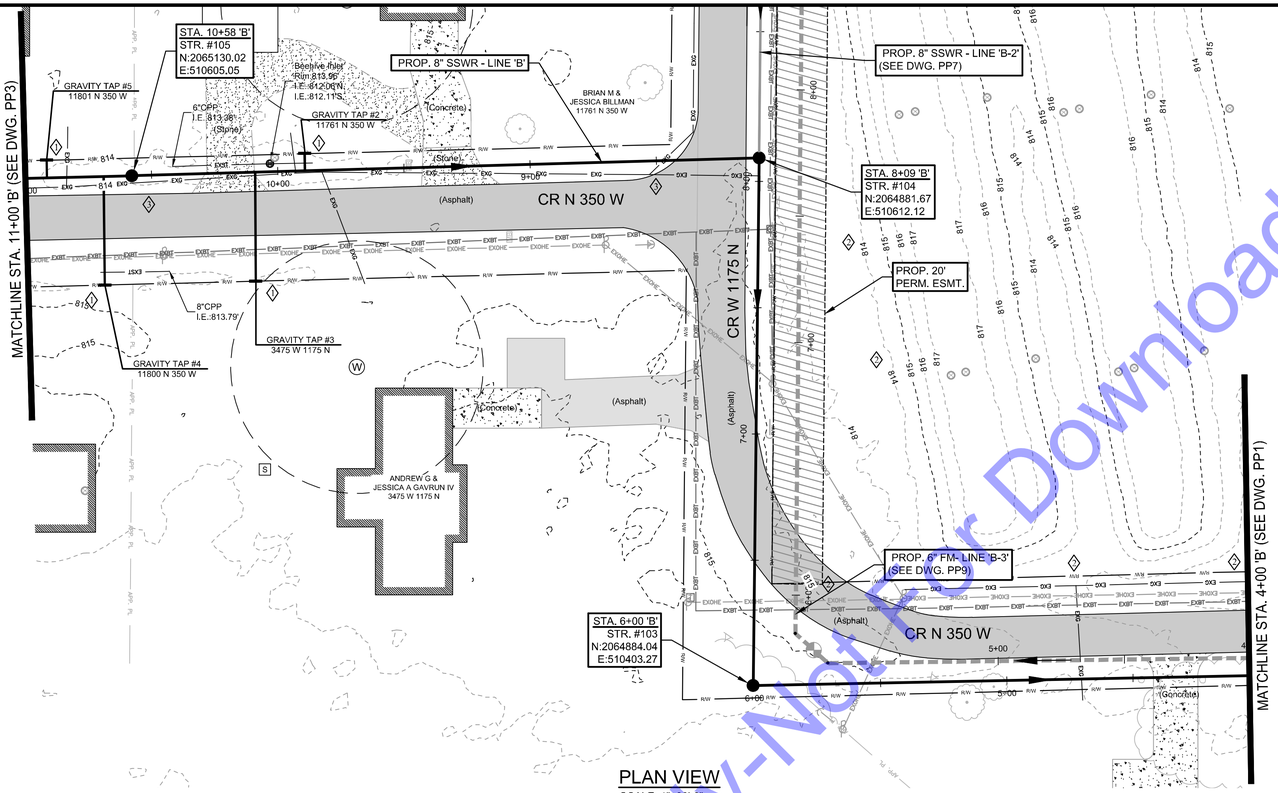


PLAN VIEW
SCALE: 1"=30'-0"

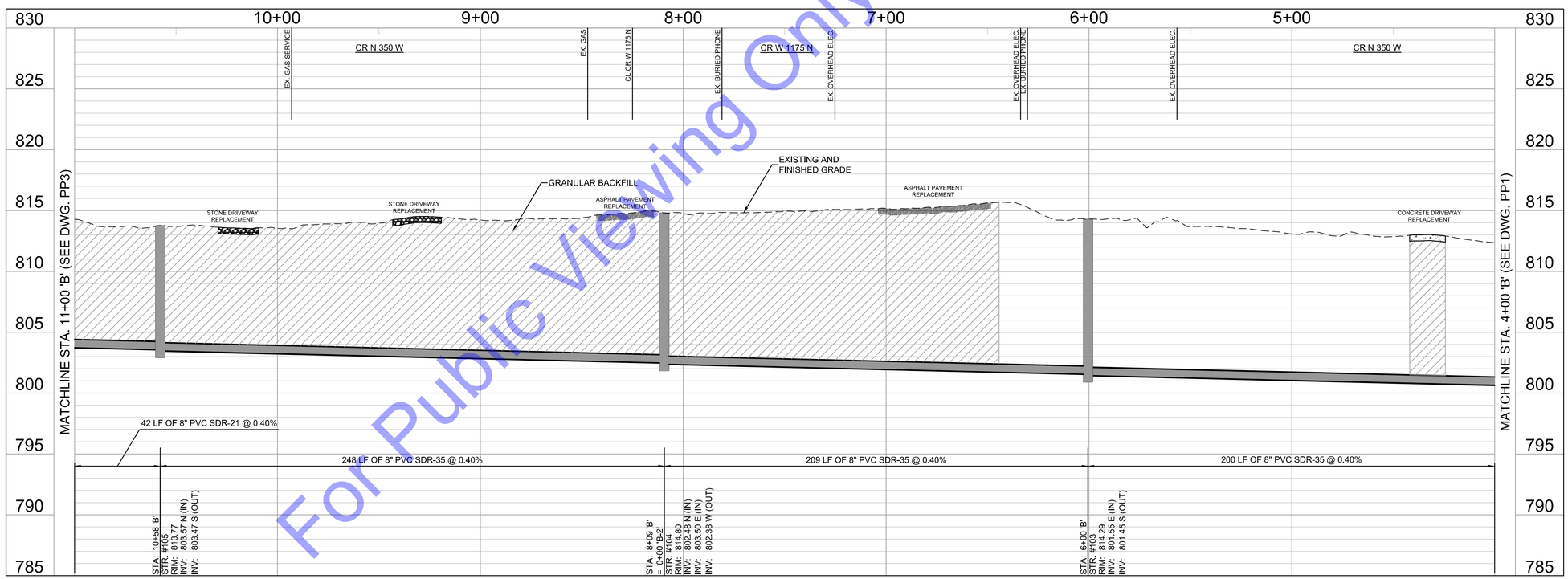
SCALE: 1"=30'

30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER THE LOCATION OF THE NEW SANITARY SEWER LATERAL PRIOR TO CONSTRUCTION ON LINE 'B'.
2. CONTRACTOR TO PROTECT EXISTING MOUND SYSTEM DURING CONSTRUCTION. ALL CONSTRUCTION ACTIVITY SHOULD BE A MINIMUM OF 10'-0" FROM TOE OF SLOPE OF MOUND SYSTEM.
3. CONTRACTOR FIELD VERIFY LOCATION AND DEPTH OF EXISTING GAS MAIN PRIOR TO CONSTRUCTION. PROTECT AND SUPPORT EXISTING GAS MAIN DURING CONSTRUCTION AS NEEDED.

NOTE:
THE EXISTING AND PROPOSED PROFILE GRADES ARE BASED ON THE ELEVATIONS AT THE CENTERLINE OF THE PROPOSED SEWER.



PROFILE - LINE 'B'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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Drawing No:
PP2
Sheet: 10 OF 95

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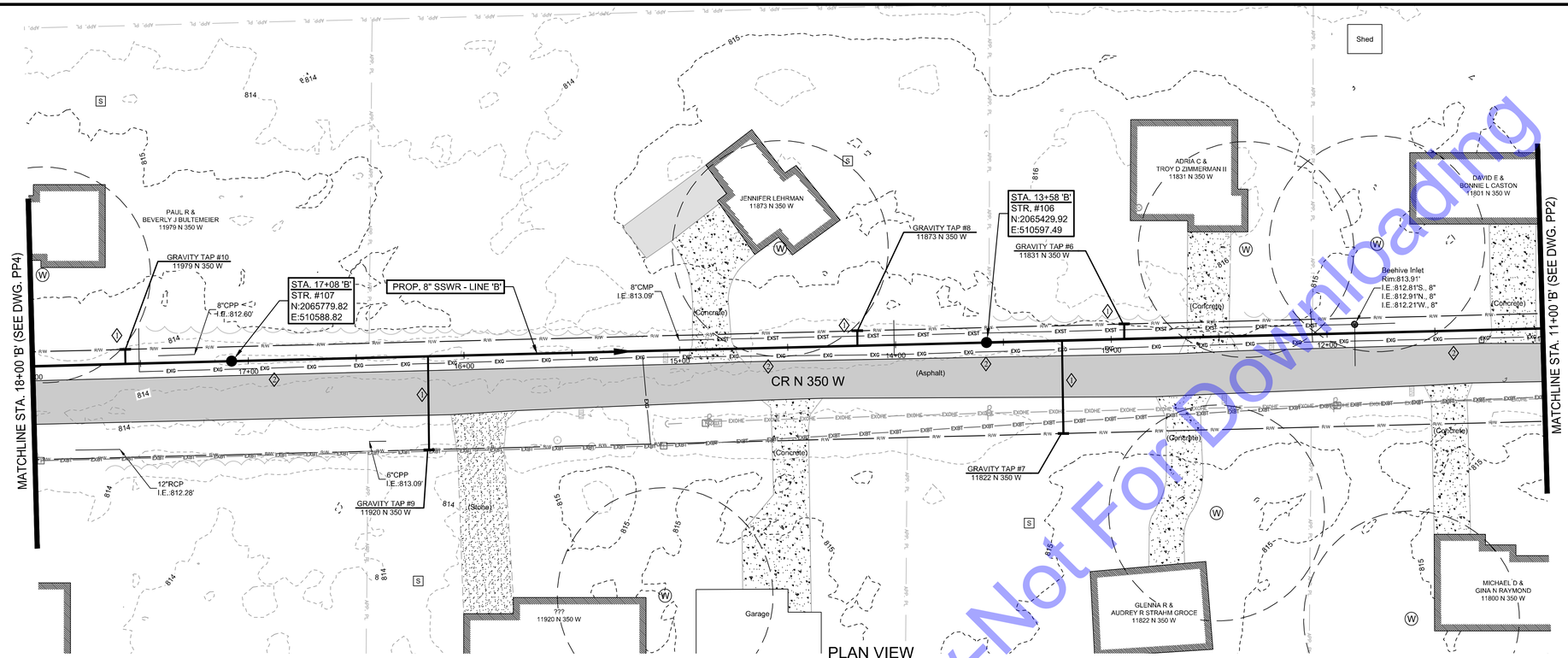

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER THE LOCATION OF THE NEW SANITARY SEWER LATERAL PRIOR TO CONSTRUCTION ON LINE 'B'.
2. CONTRACTOR FIELD VERIFY LOCATION AND DEPTH OF EXISTING GAS MAIN PRIOR TO CONSTRUCTION. PROTECT AND SUPPORT EXISTING GAS MAIN DURING CONSTRUCTION AS NEEDED.

NOTE:
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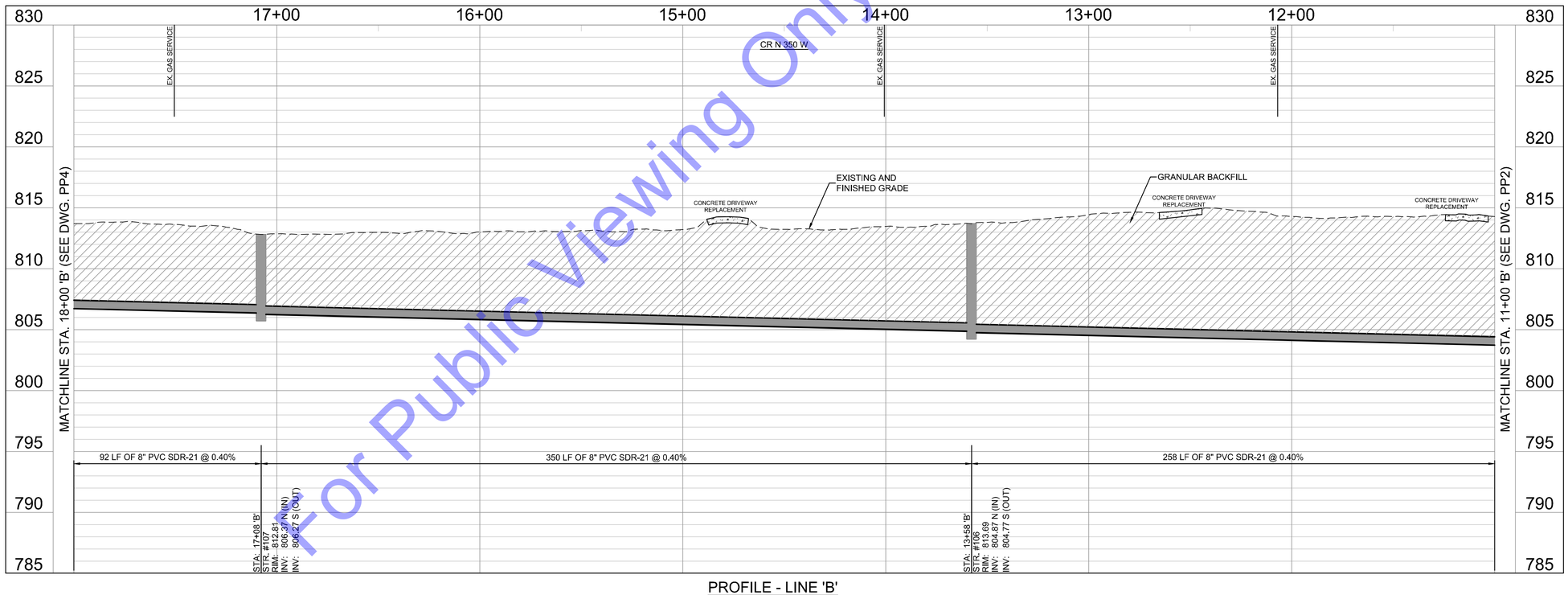

PROFILE - LINE 'B'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B' - STATION11+00-18+00

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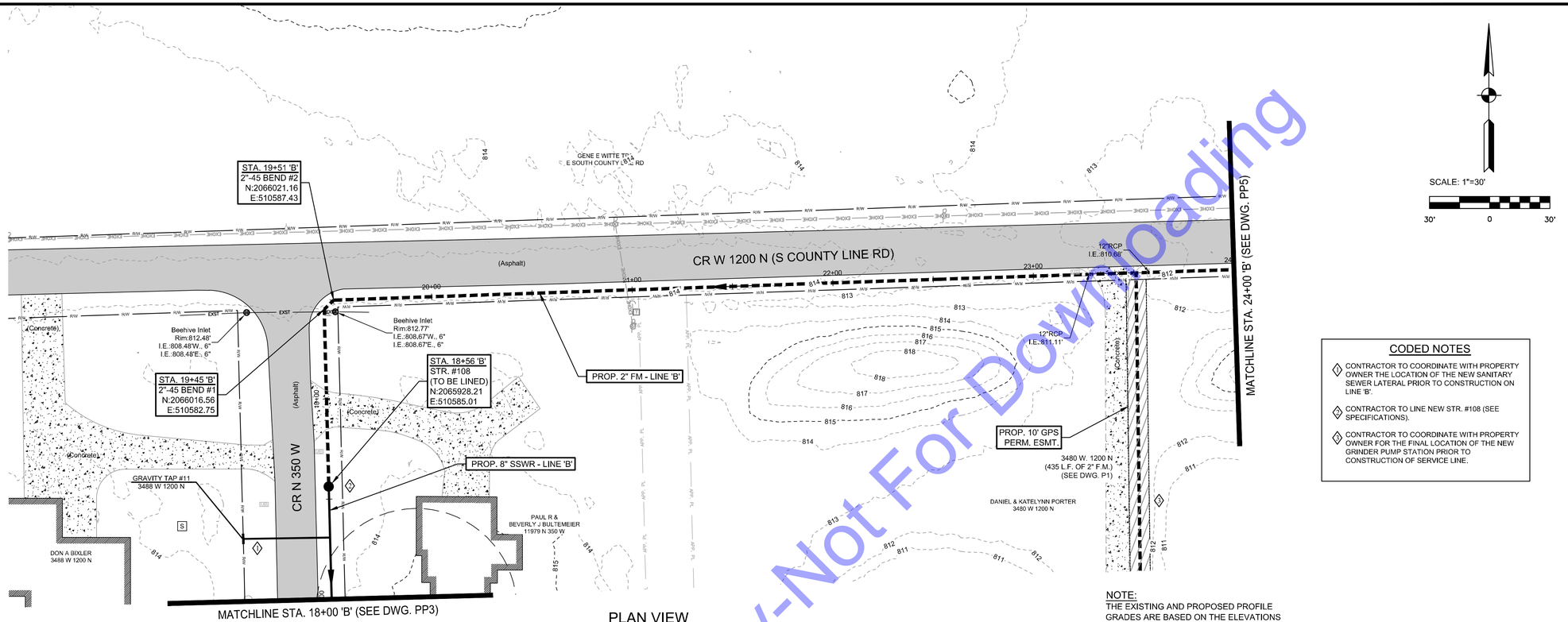

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER THE LOCATION OF THE NEW SANITARY SEWER LATERAL PRIOR TO CONSTRUCTION ON LINE 'B'.
2. CONTRACTOR TO LINE NEW STR. #108 (SEE SPECIFICATIONS).
3. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

NOTE:
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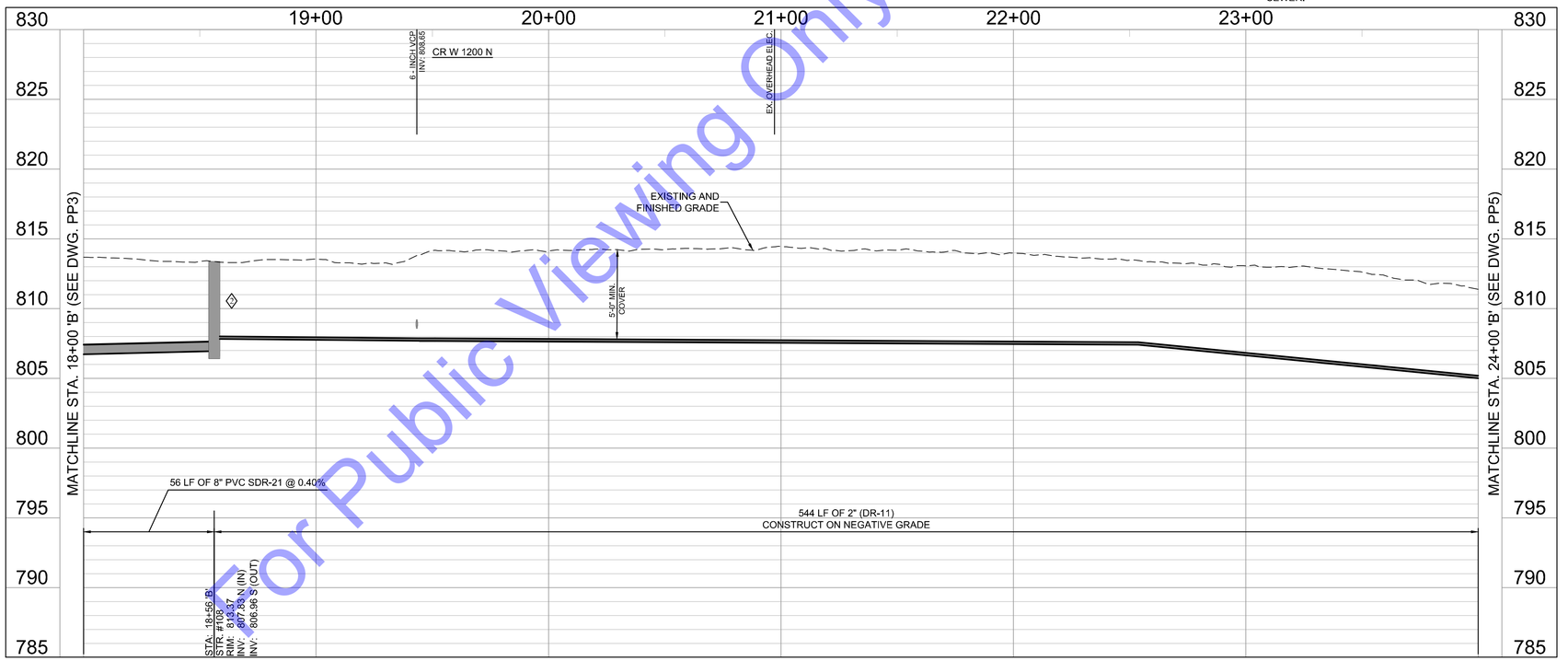

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VERTICAL SCALE: 1"=5'-0"

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2024 SANITARY SEWER EXTENSIONS
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Drawing No:
PP4
Sheet: 12 OF 95

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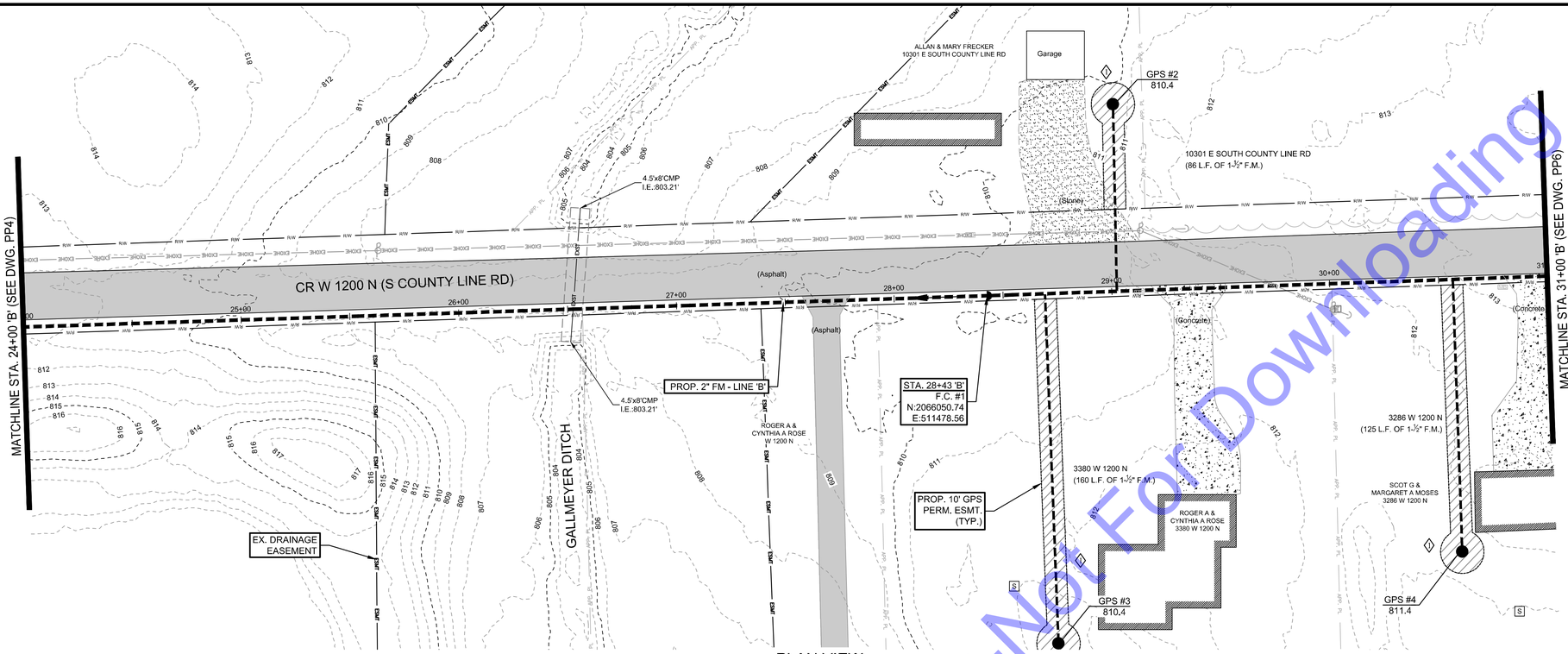

PLAN VIEW
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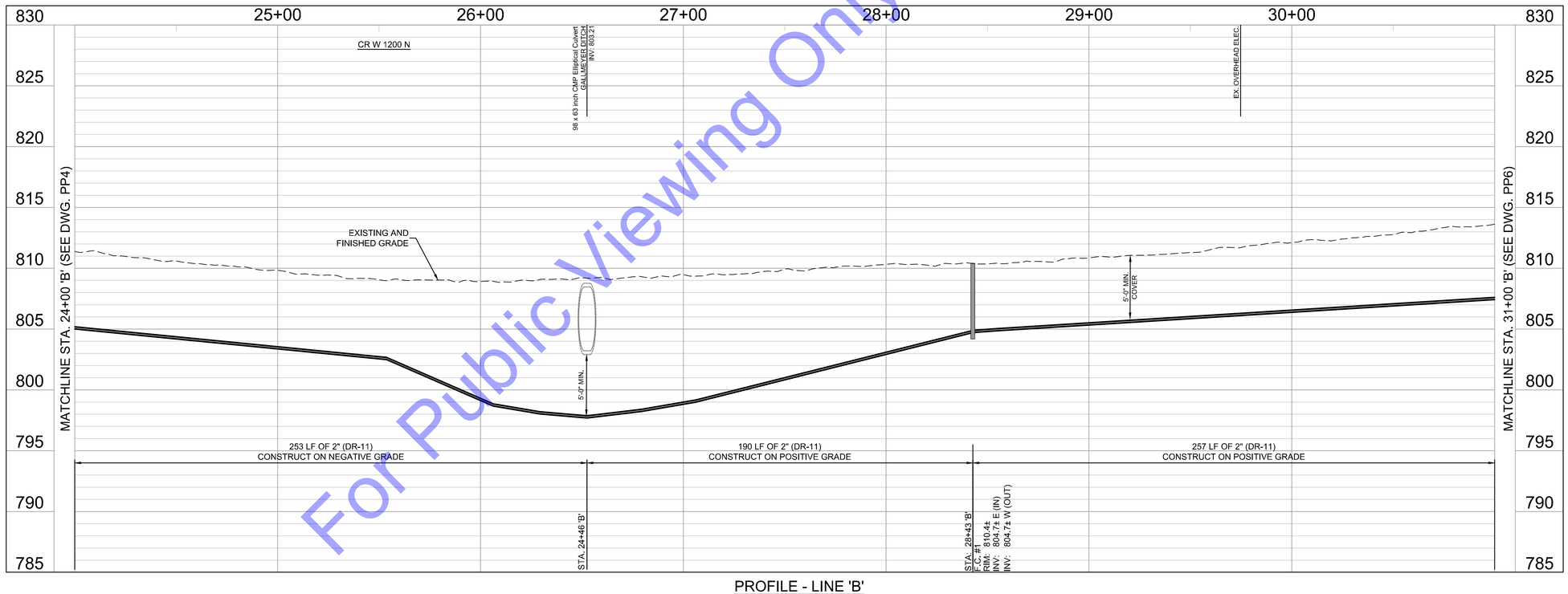

PROFILE - LINE 'B'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

NOTE:
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PLAN & PROFILE - LINE 'B' - STATION 24+00-31+00

Drawing No:
PP5
Sheet: 13 OF 95

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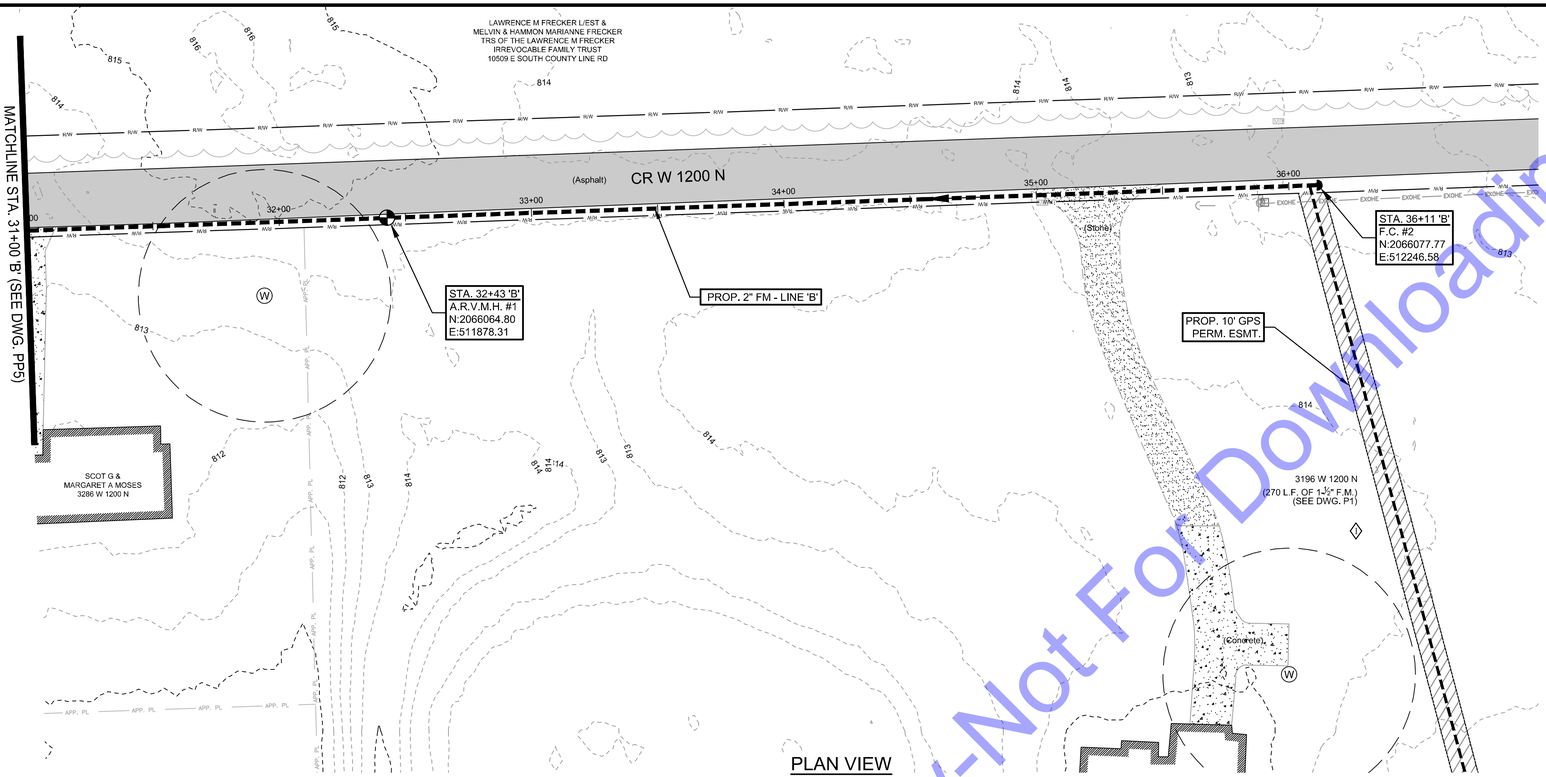
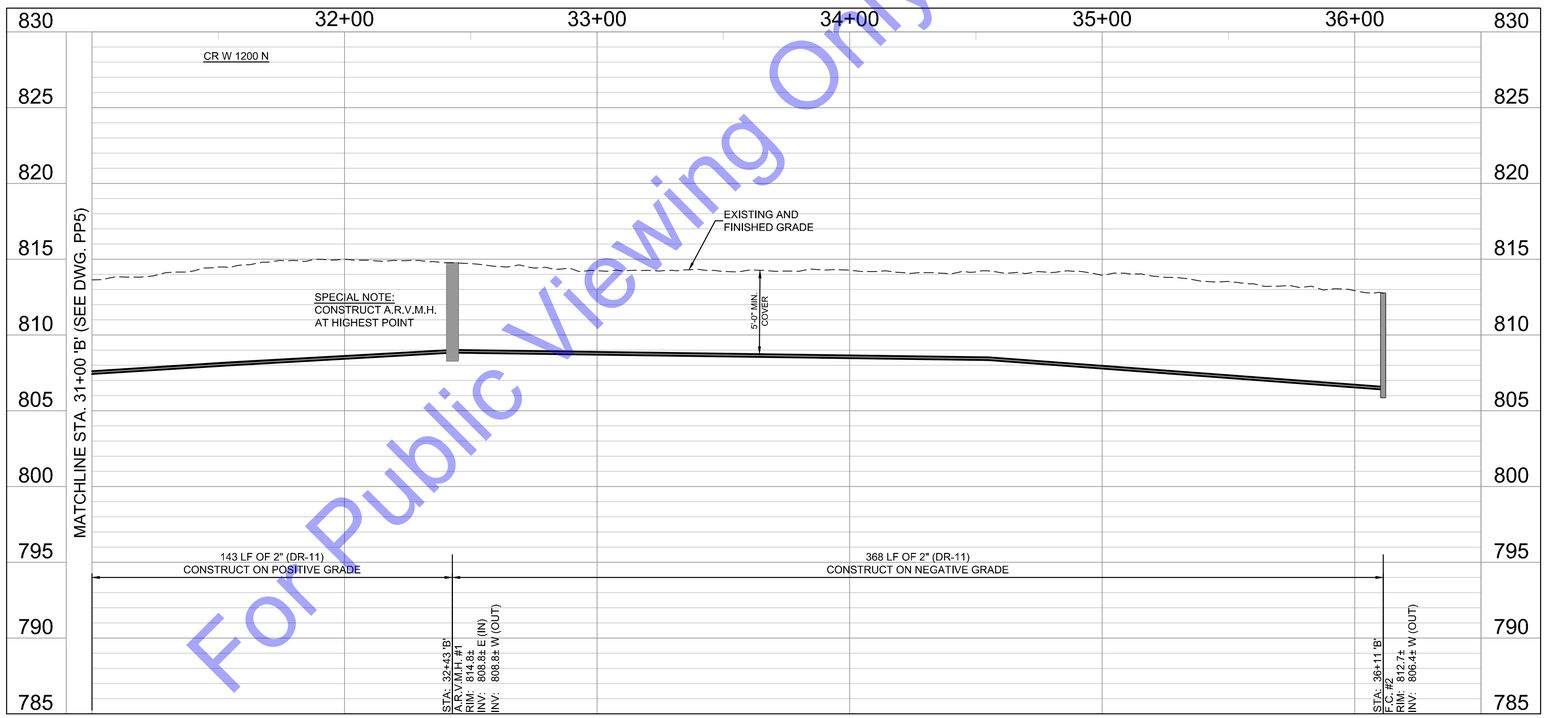


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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Sheet: 14 OF 95

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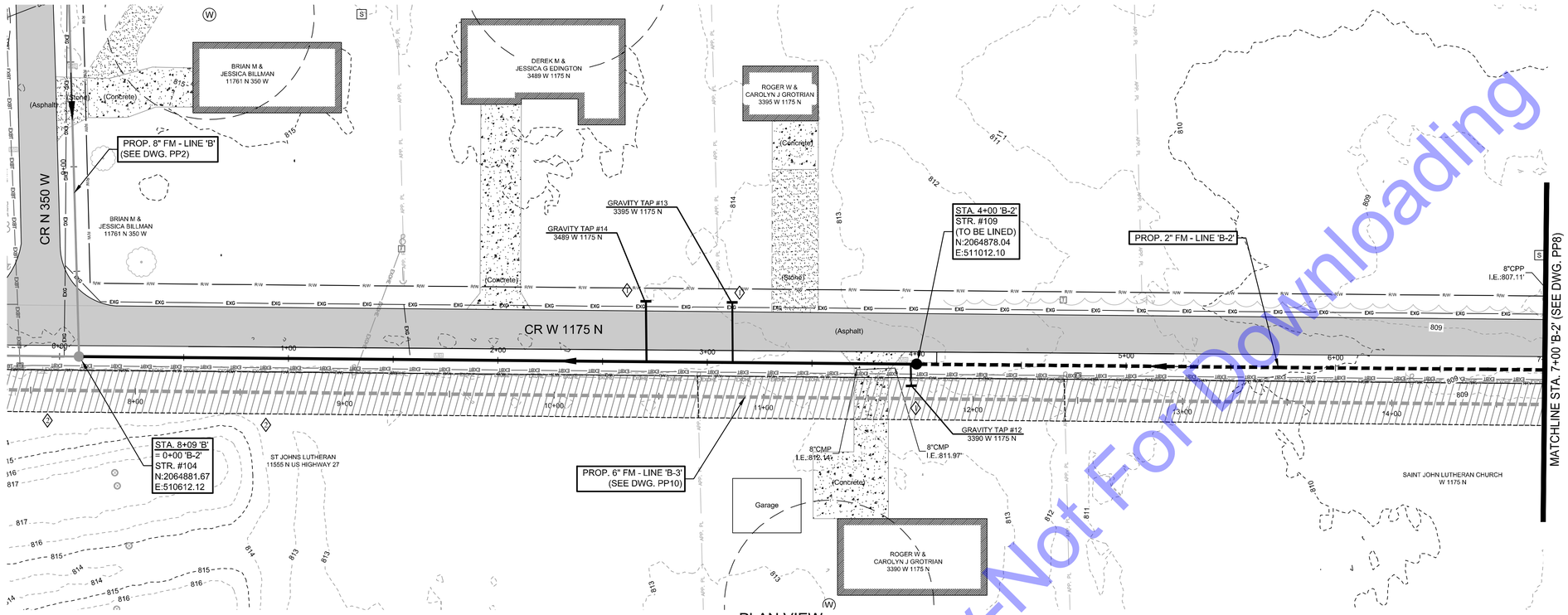

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER THE LOCATION OF THE NEW SANITARY SEWER LATERAL PRIOR TO CONSTRUCTION ON LINE 'B'.
2. CONTRACTOR TO PROTECT EXISTING MOUND SYSTEM DURING CONSTRUCTION. ALL CONSTRUCTION ACTIVITY SHOULD BE A MINIMUM OF 10'-0" FROM TOE OF SLOPE OF MOUND SYSTEM.

NOTE:
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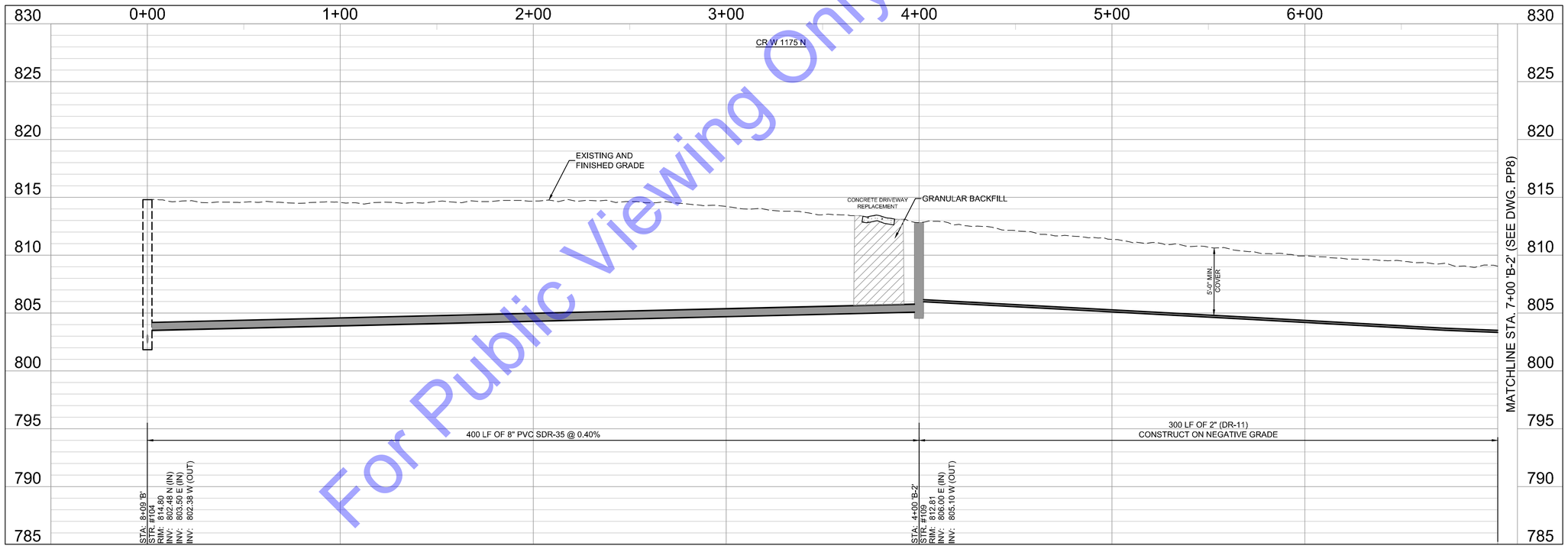

PROFILE - LINE 'B-2'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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BENJAMIN H. ADAMS
REGISTERED No. 19700508 STATE OF INDIANA
PROFESSIONAL ENGINEER
Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B-2' - STATION 0+00-7+00

Drawing No: PP7
Sheet: 15 OF 95

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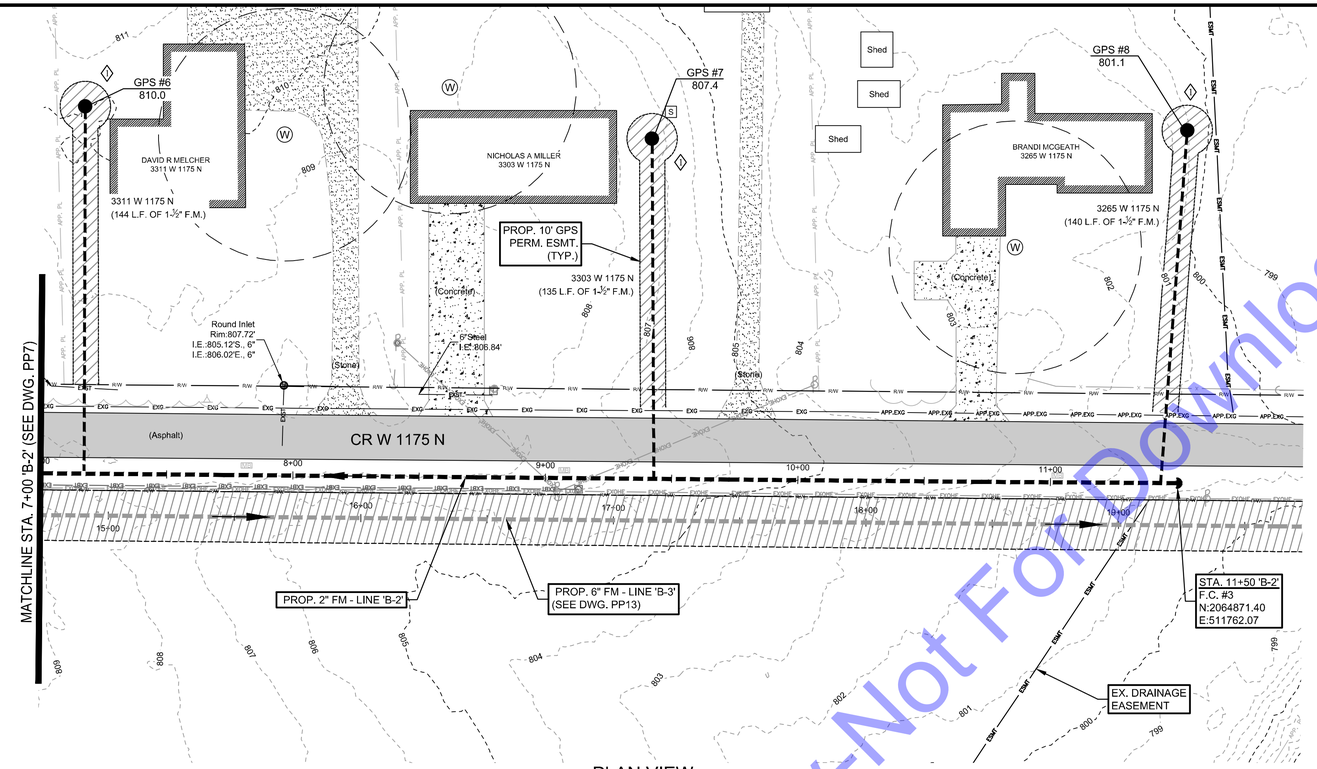
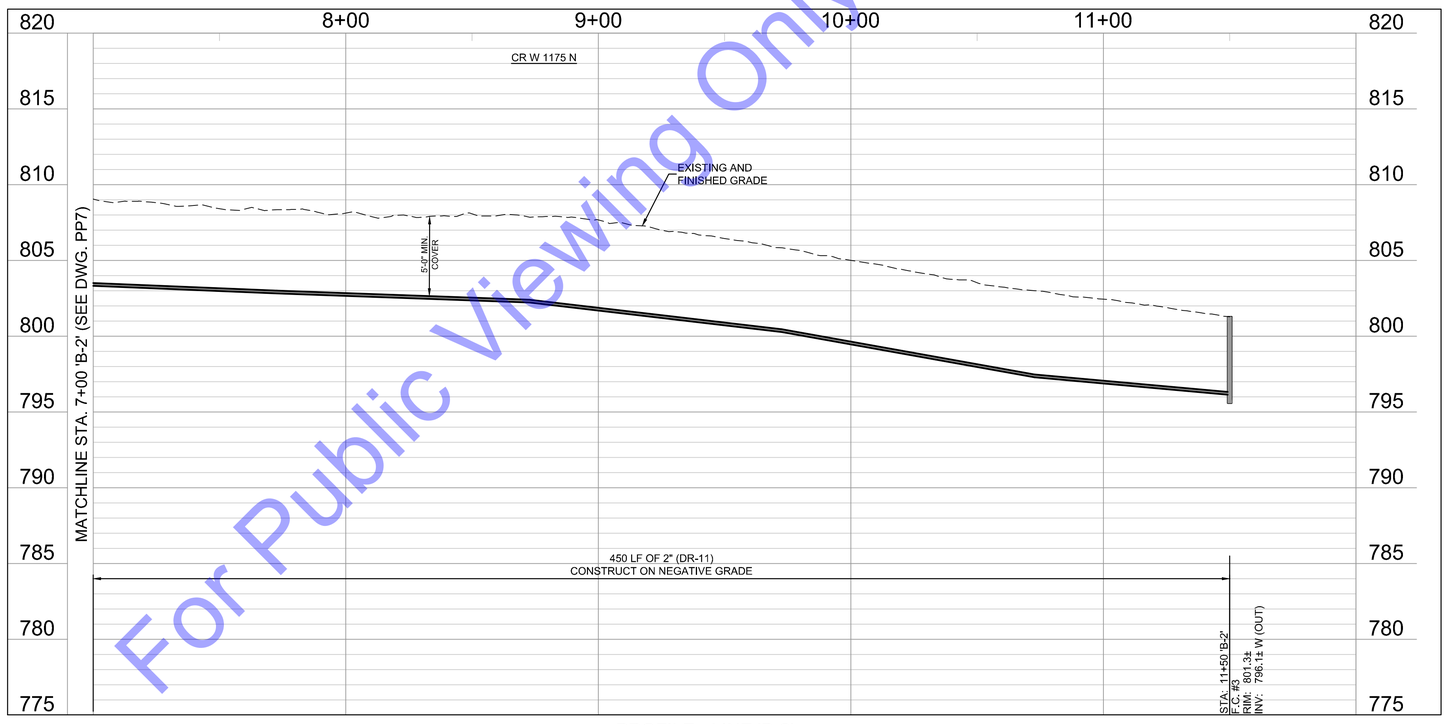


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-2'
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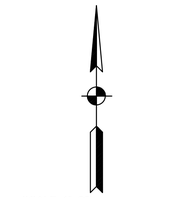
VERTICAL SCALE: 1"=5'-0"



CODED NOTES

◊ CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
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PLAN & PROFILE - LINE 'B-2' - STATION 7+00-11+50

Drawing No:
PP8
Sheet: 16 OF 95

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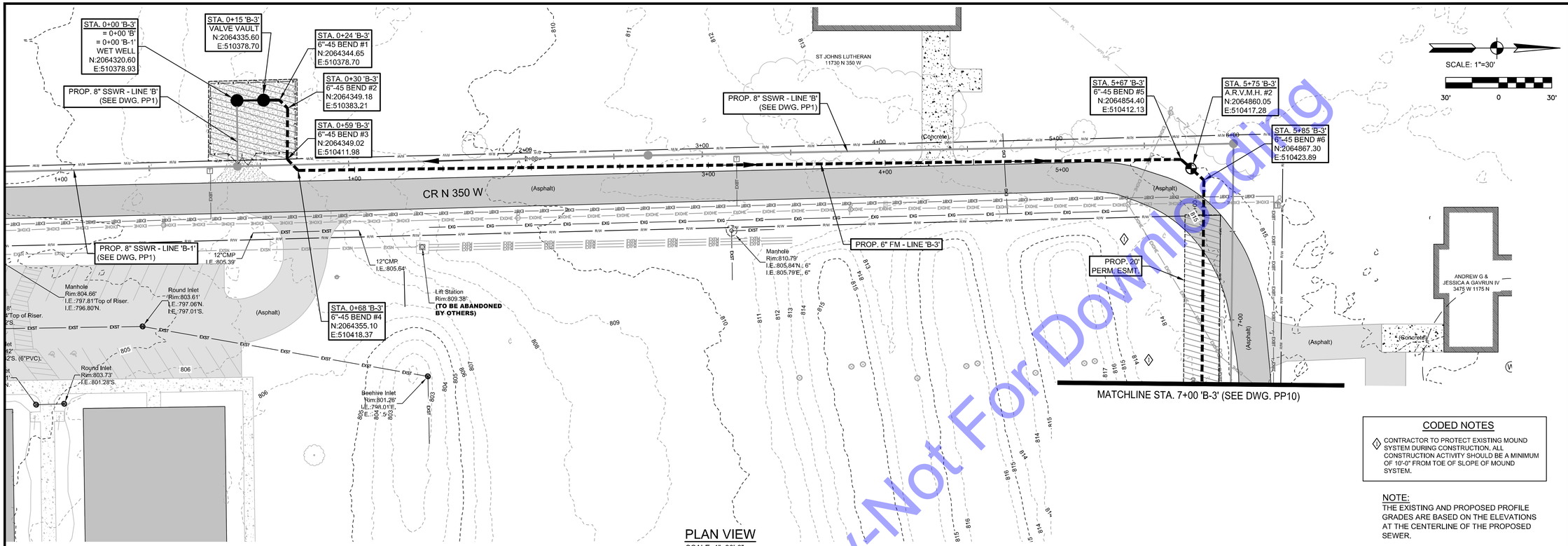
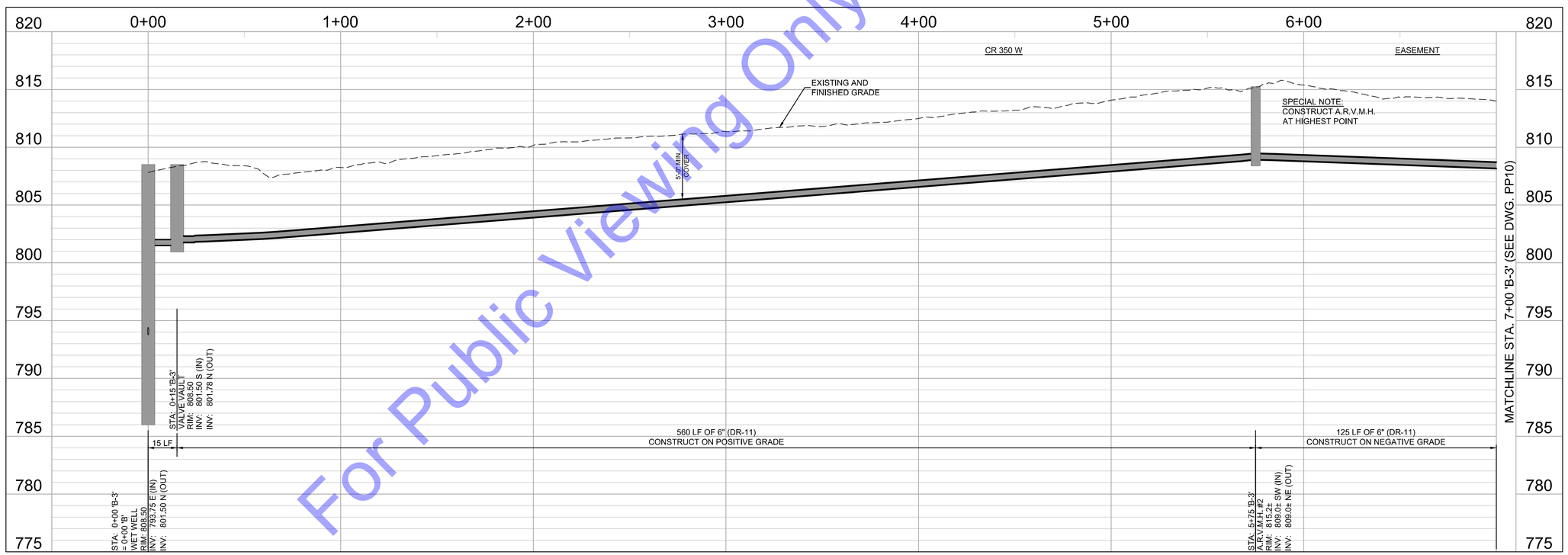


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

CODED NOTES

1. CONTRACTOR TO PROTECT EXISTING MOUND SYSTEM DURING CONSTRUCTION. ALL CONSTRUCTION ACTIVITY SHOULD BE A MINIMUM OF 10'-0" FROM TOE OF SLOPE OF MOUND SYSTEM.

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Sheet: 17 OF 95

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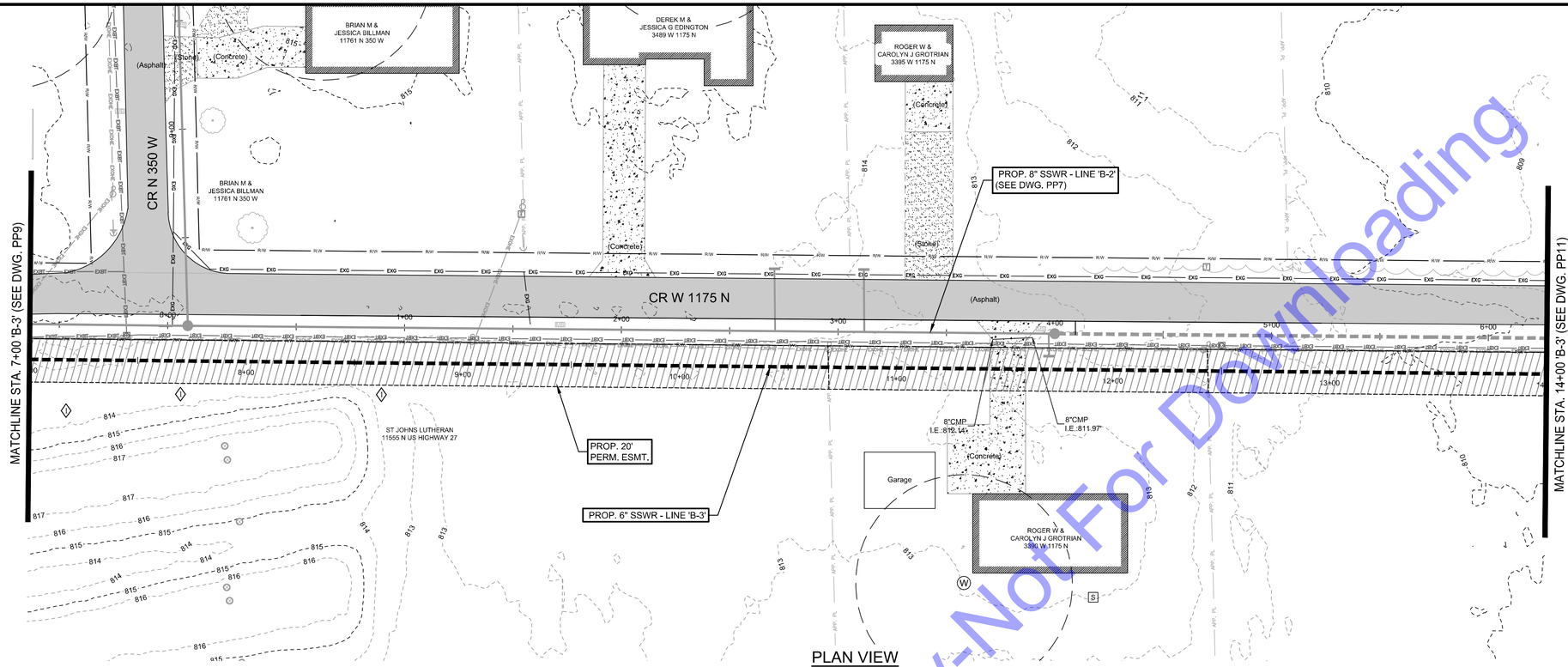

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO PROTECT EXISTING MOUND SYSTEM DURING CONSTRUCTION. ALL CONSTRUCTION ACTIVITY SHOULD BE A MINIMUM OF 10'-0" FROM TOE OF SLOPE OF MOUND SYSTEM.

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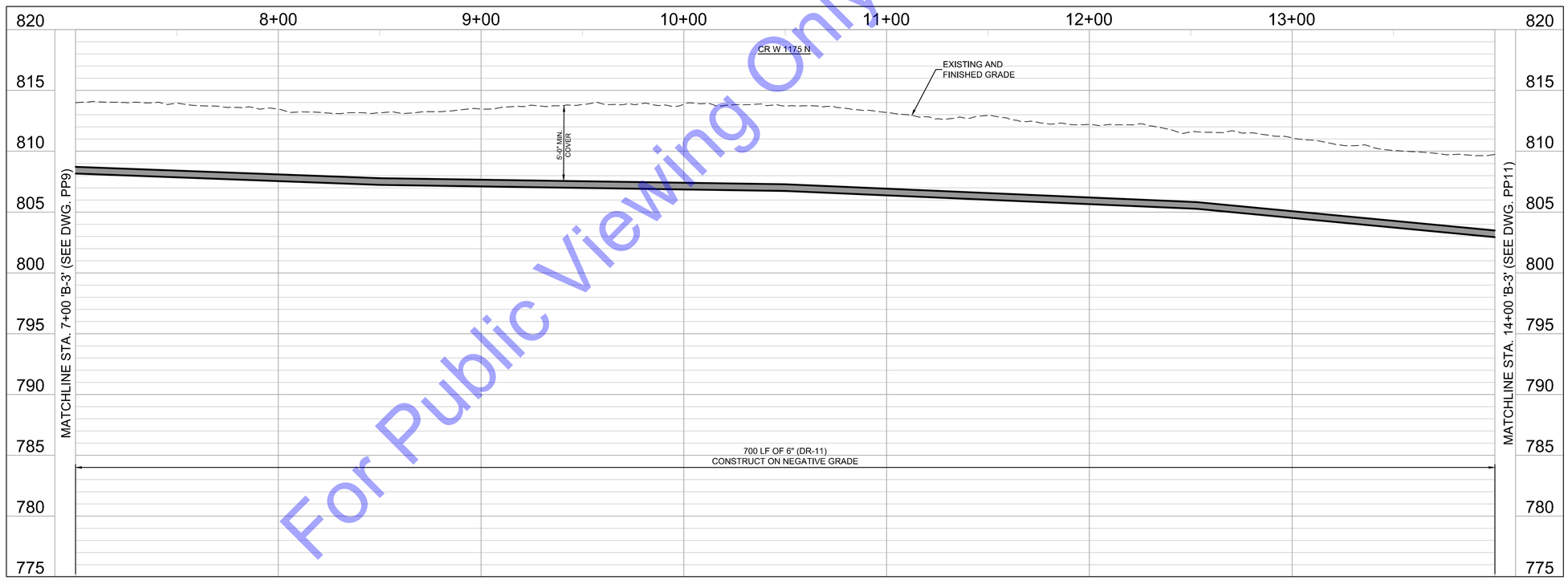

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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Sheet: 18 OF 95

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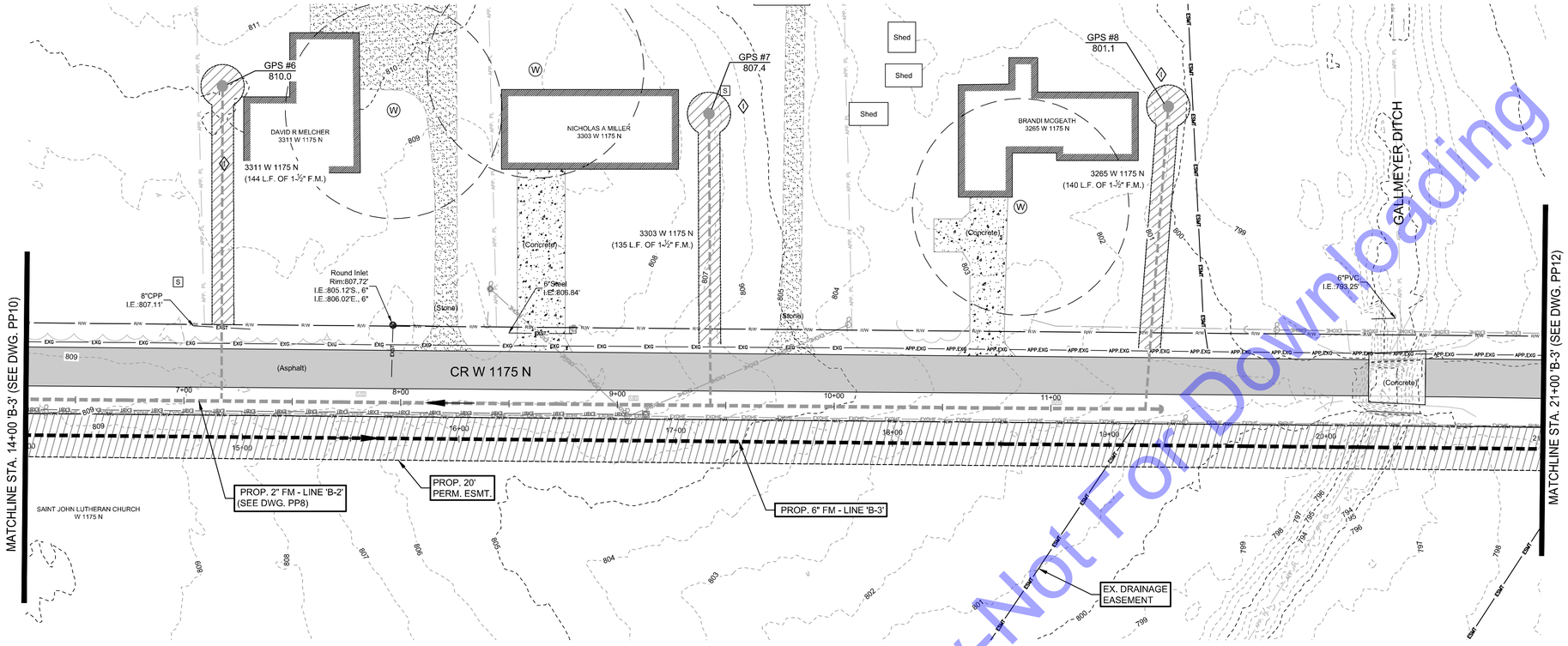

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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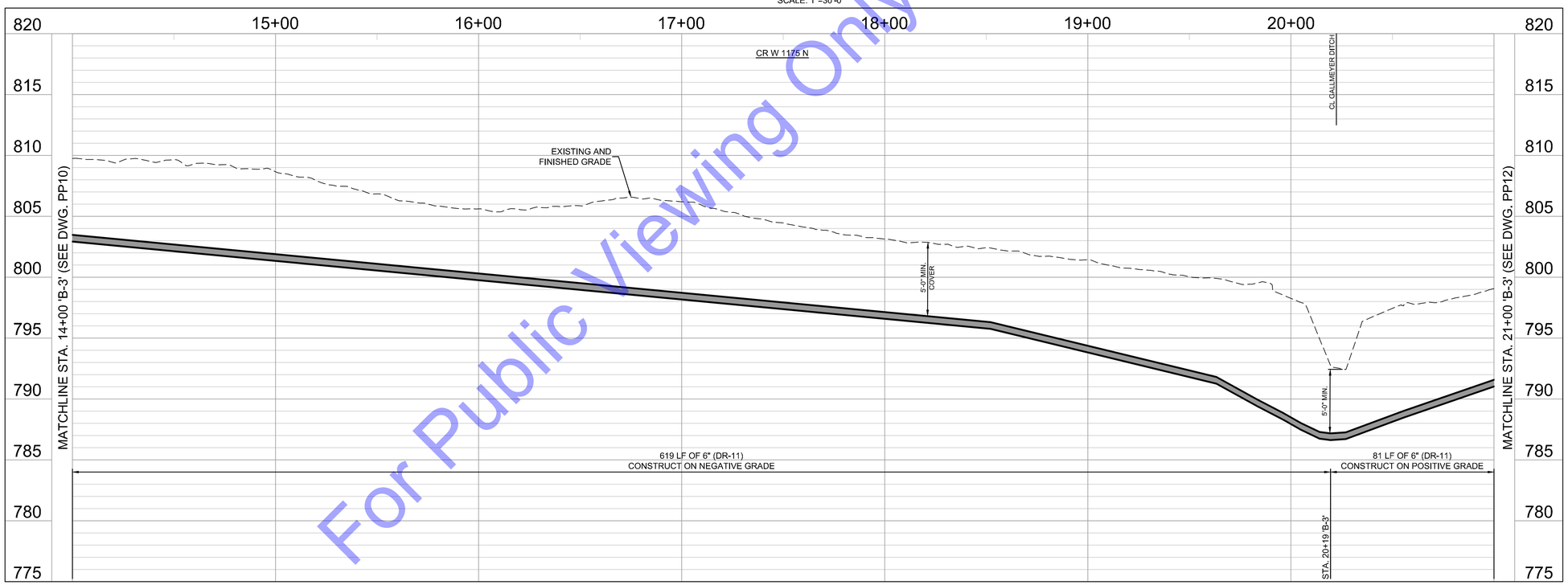

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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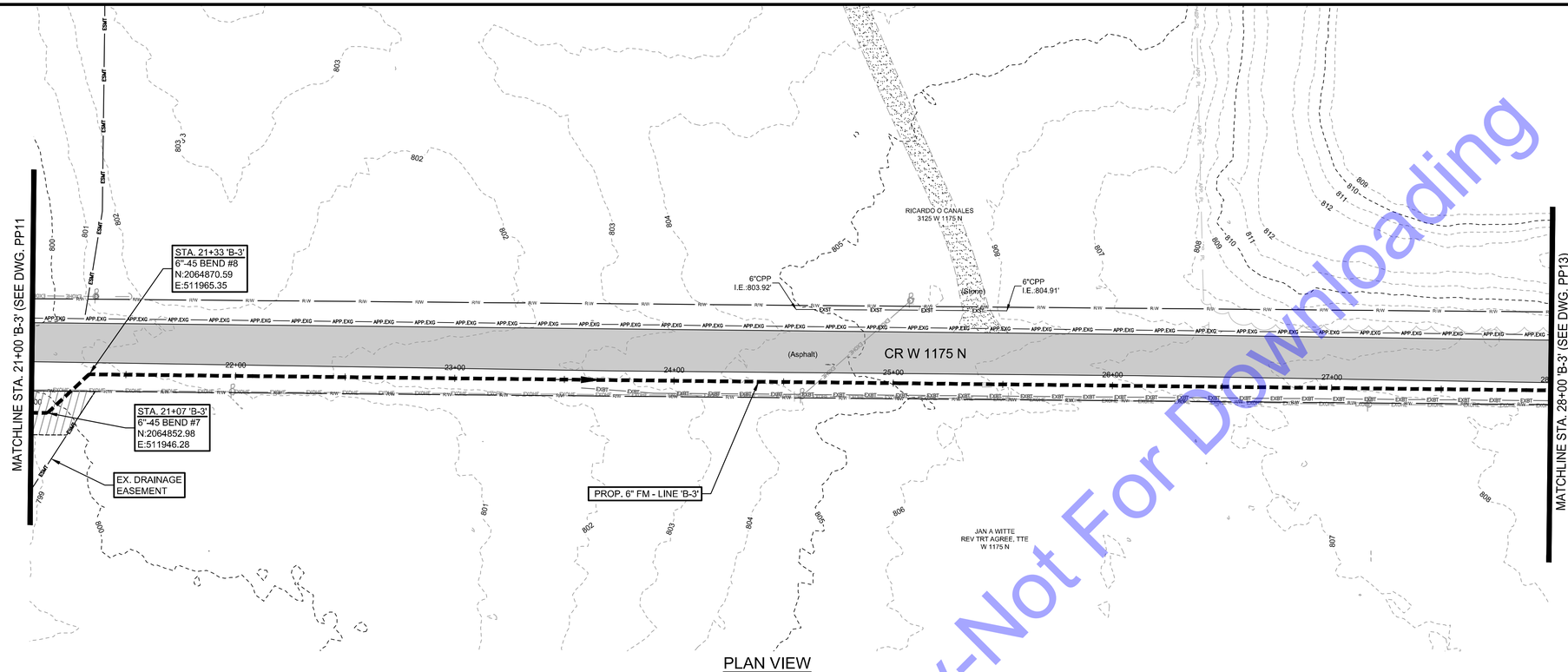
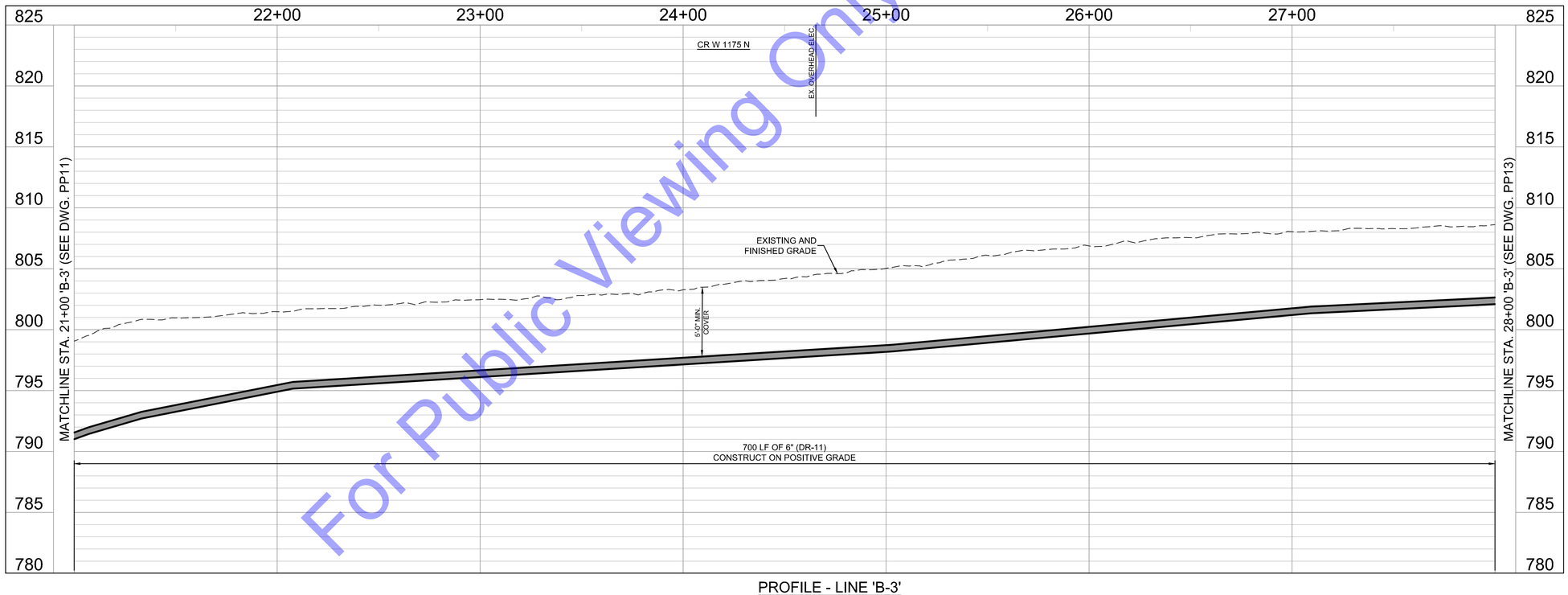


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

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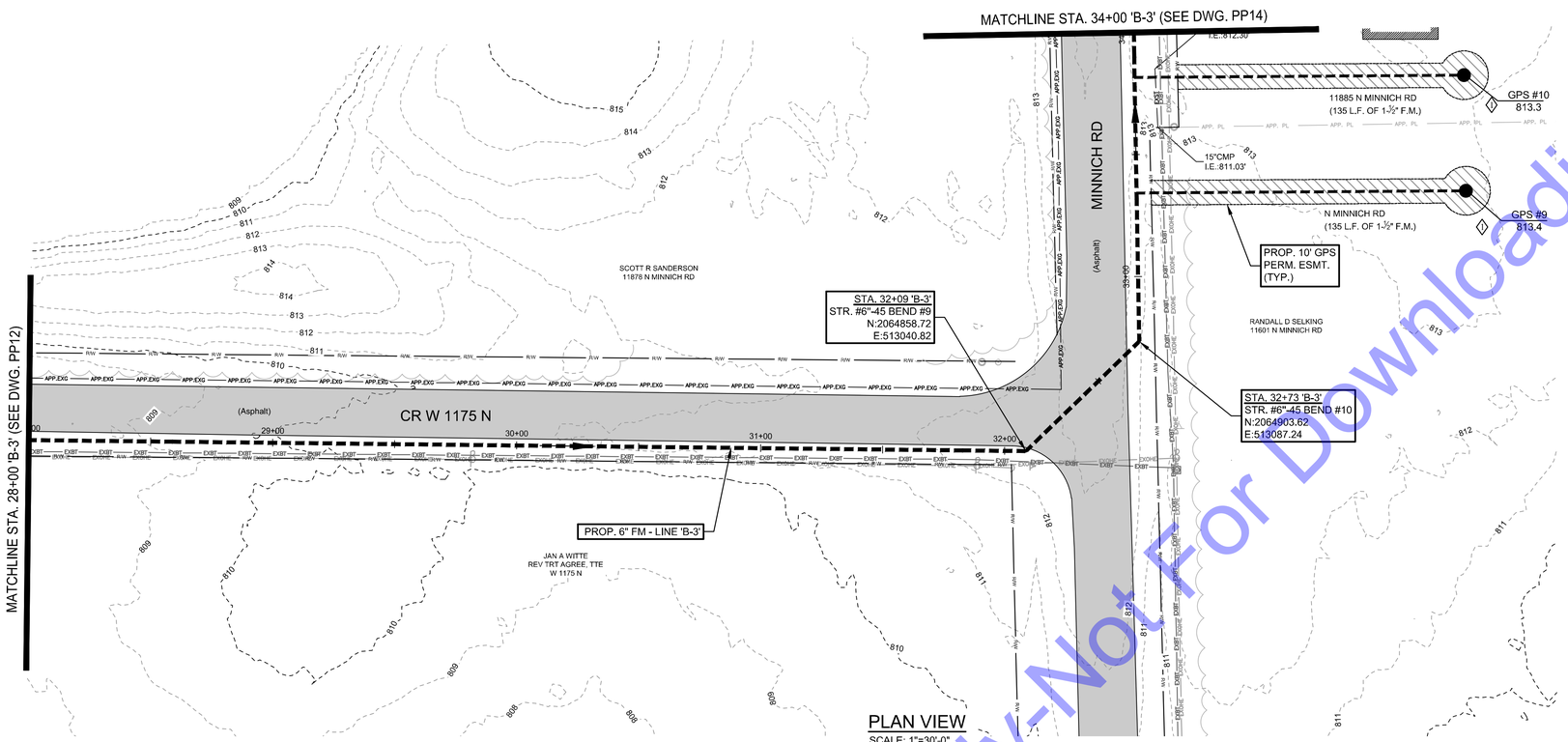

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊ CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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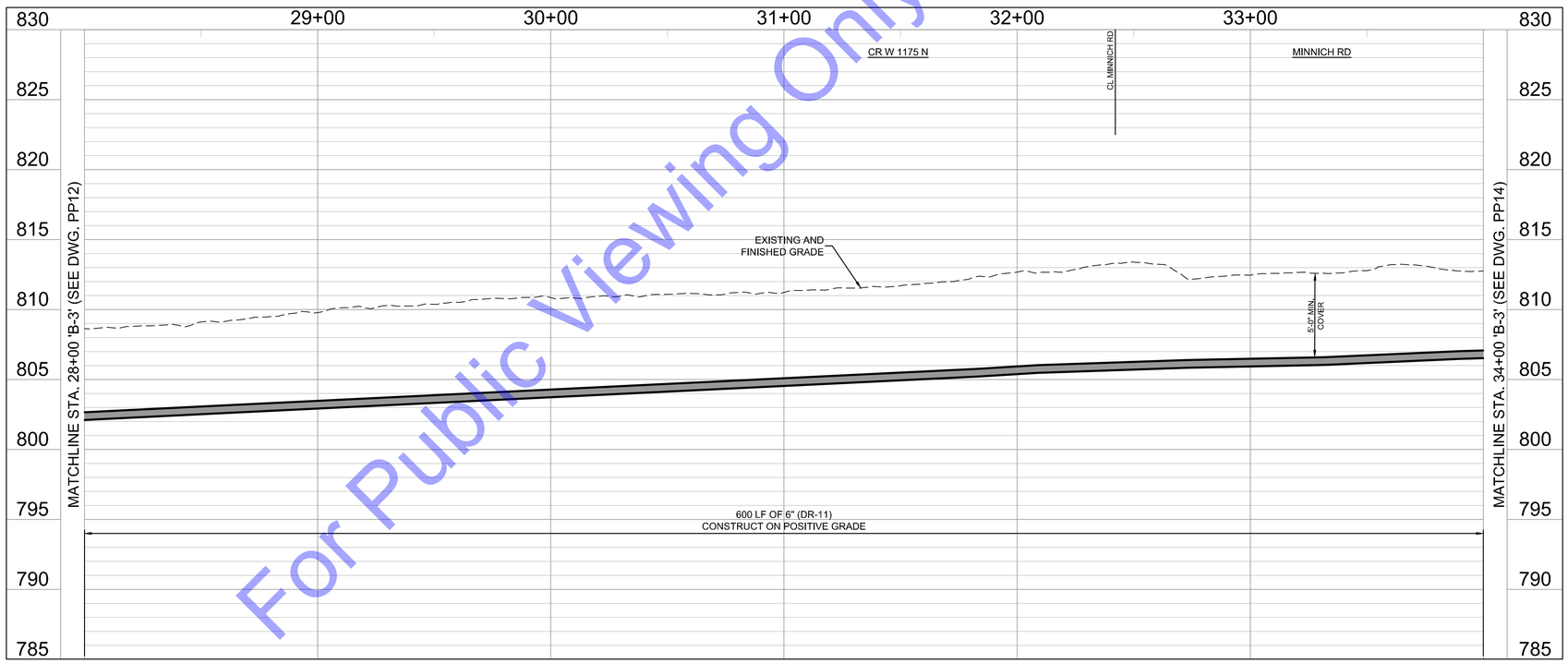

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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Signature 9/5/2025 Date

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PP13
Sheet: 21 OF 95

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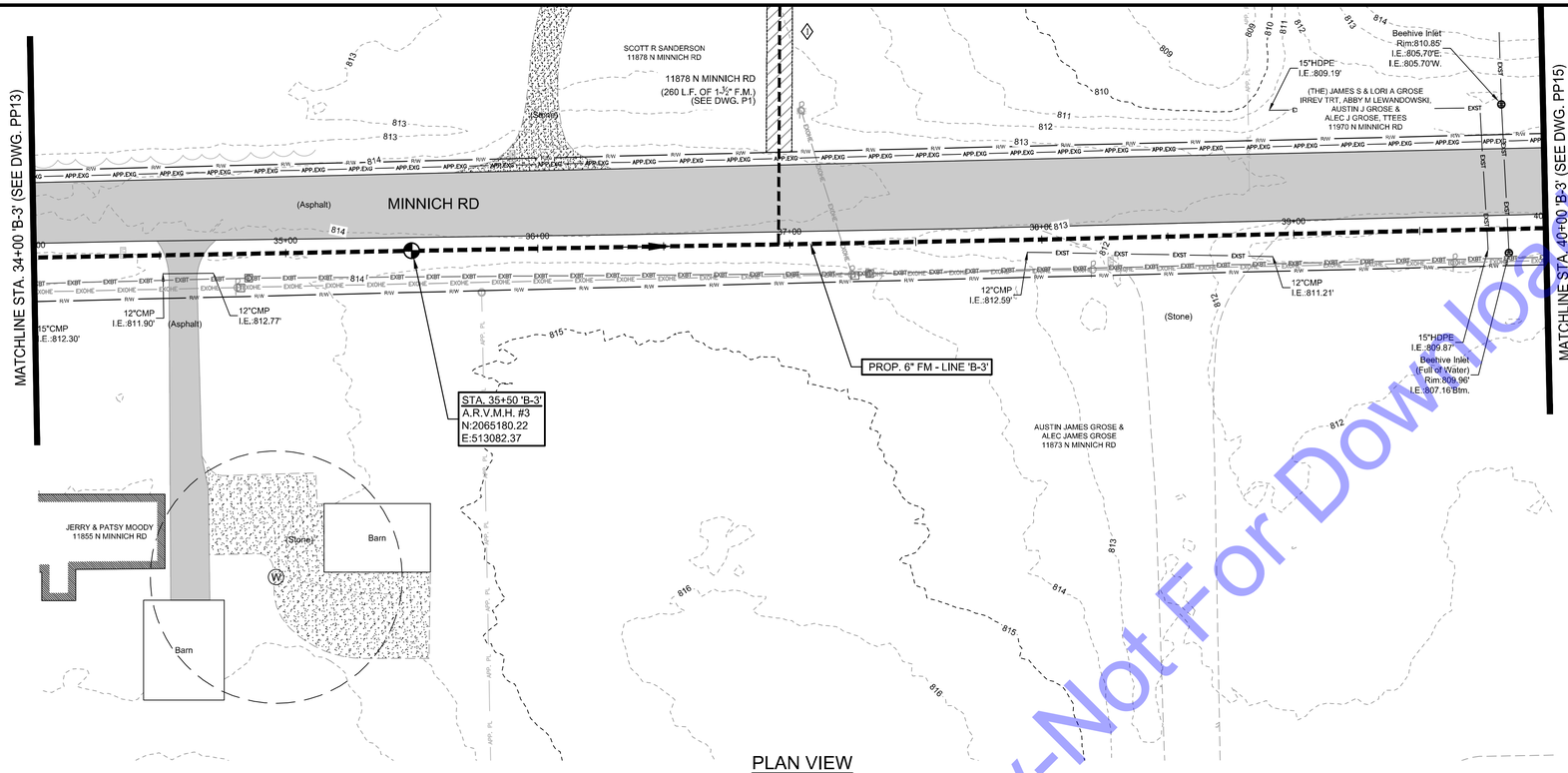
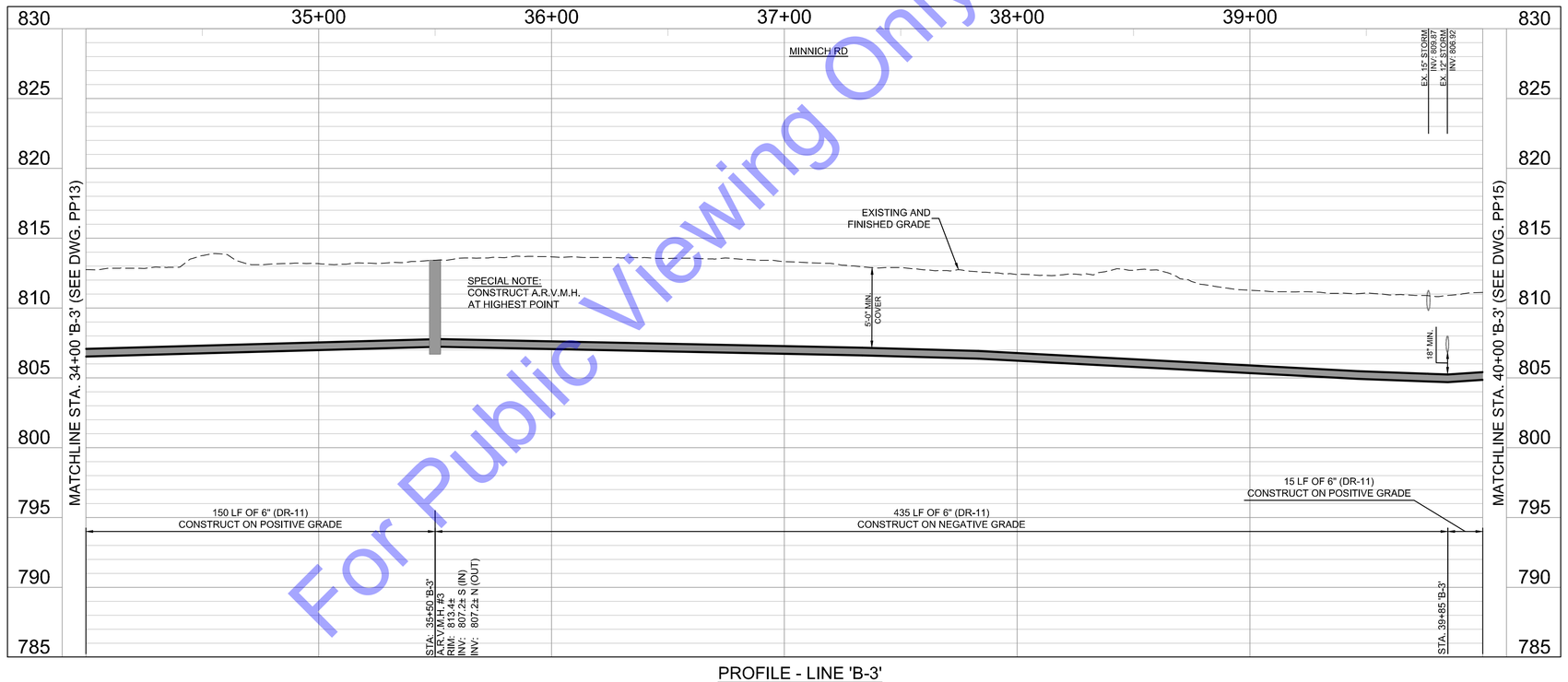


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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PP14
Sheet: 22 OF 95

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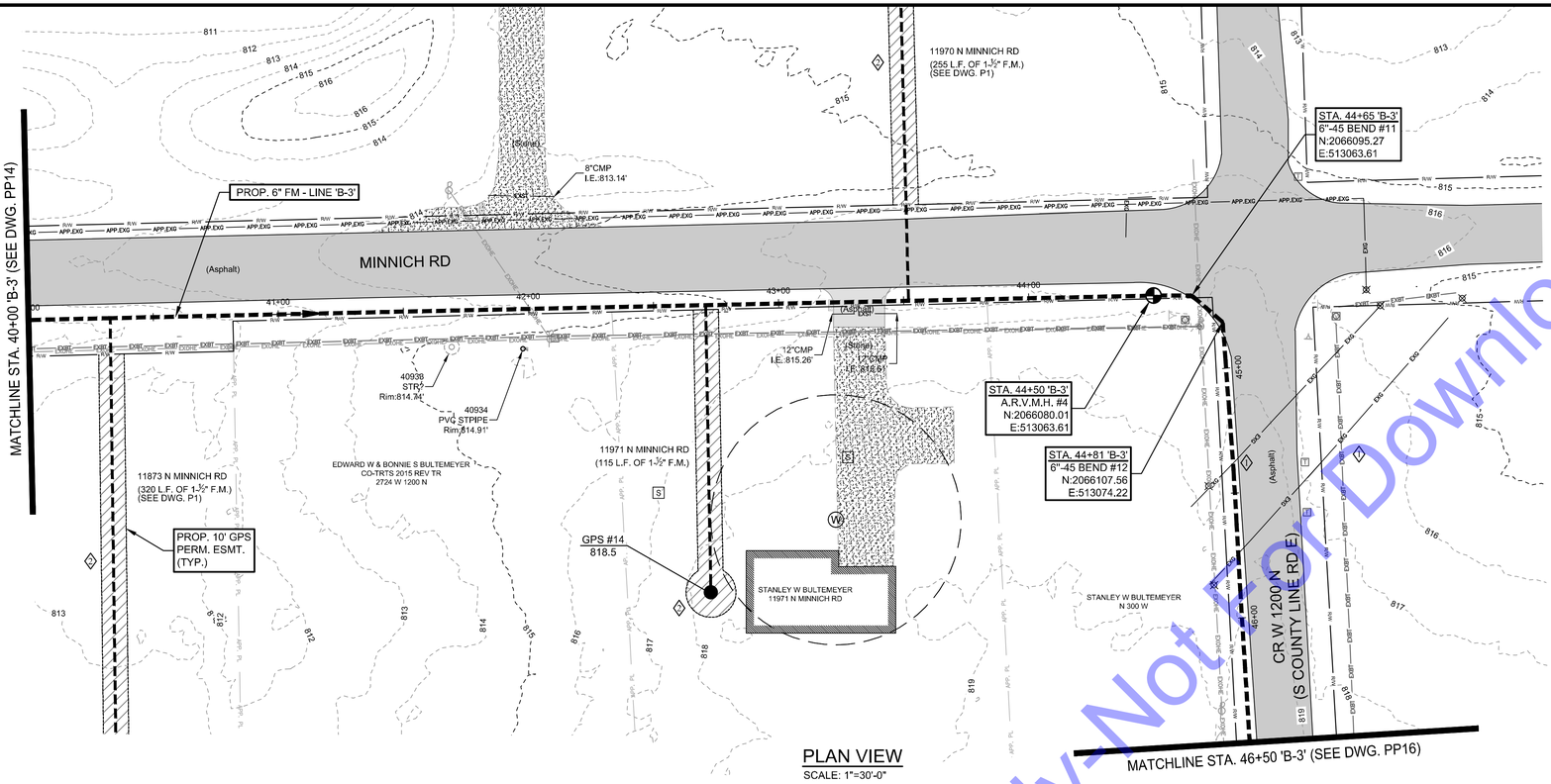
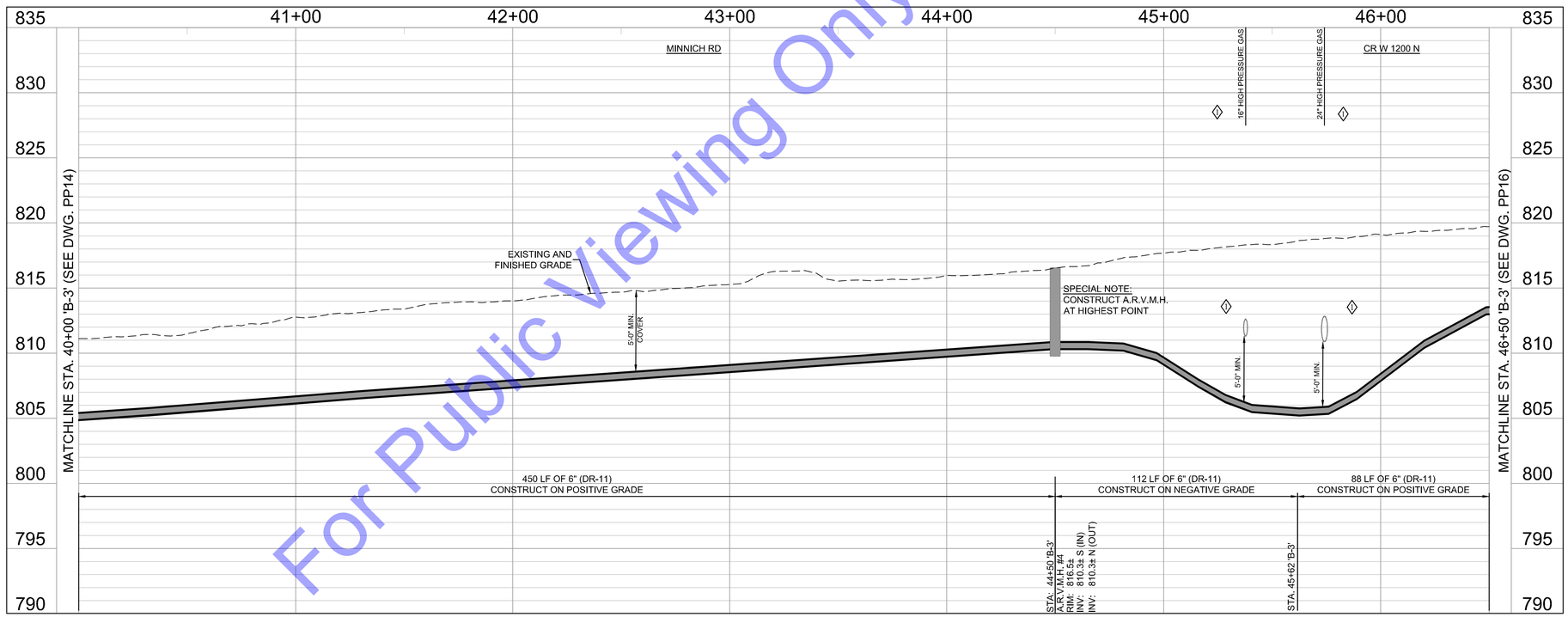


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF NIPSCO HIGH PRESSURE GAS MAINS (16" AND 24") PRIOR TO CONSTRUCTION. CONTRACTOR TO CONTACT **JACOB MOORE (260-760-8732)** OF NIPSCO AND GIVE 48 HOUR NOTICE OF WHEN CONSTRUCTION WILL TAKE PLACE AROUND HP GAS MAINS. NIPSCO REPRESENTATIVE MUST BE ON SITE FOR CONSTRUCTION AROUND HP GAS MAINS.
2. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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PLAN & PROFILE - LINE 'B-3' - STATION 40+00-47+00

Drawing No:
PP15
Sheet: 23 OF 95

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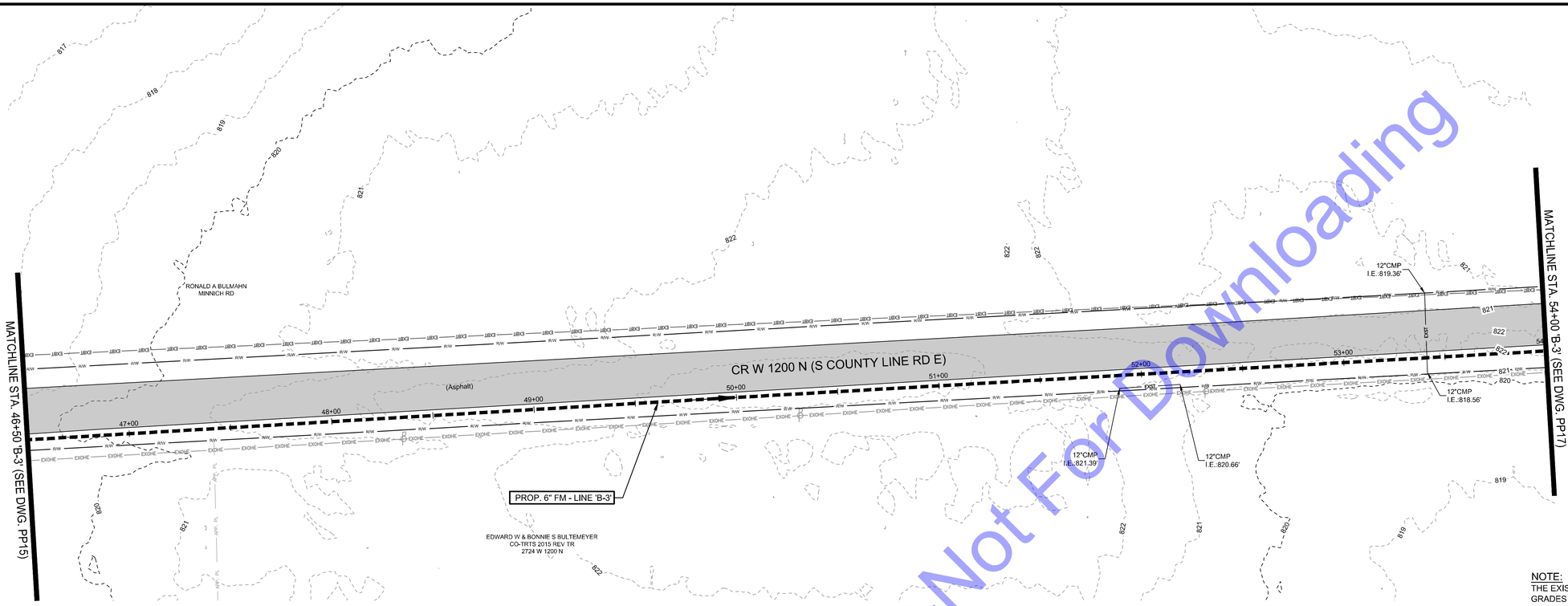

PLAN VIEW
SCALE: 1"=30'-0"

NOTE:
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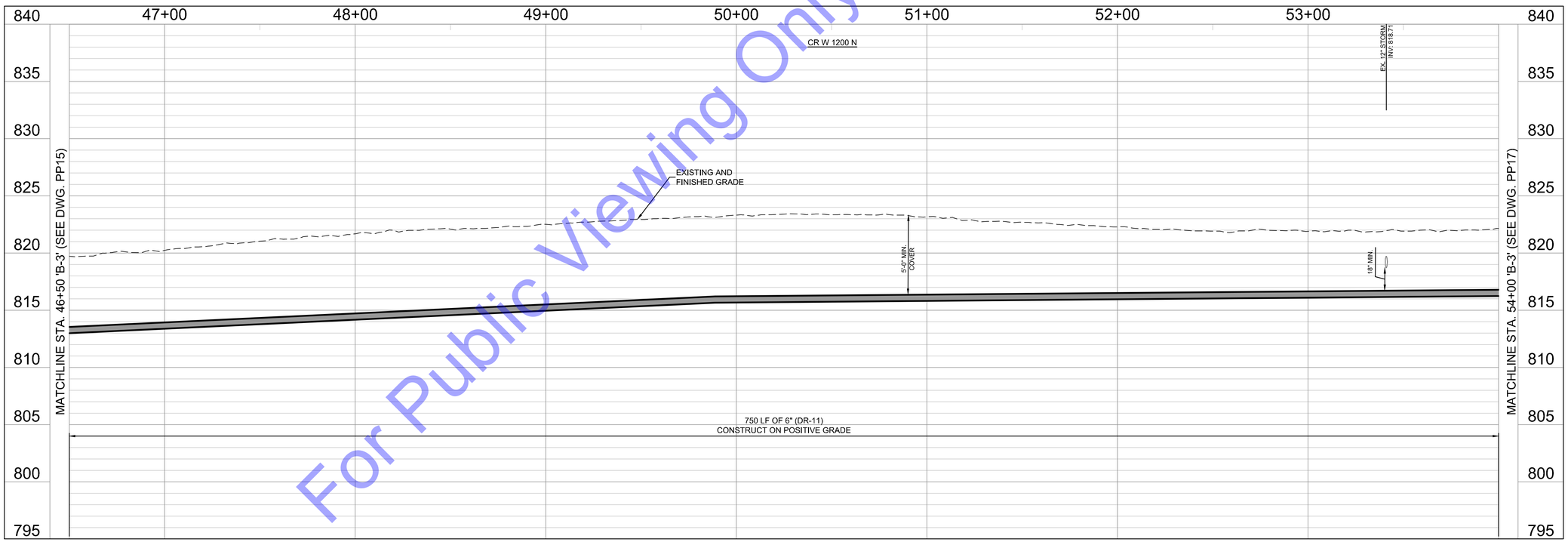

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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BENJAMIN H. ADAMS
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Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B-3' - STATION 47+00-54+00

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PP16
Sheet: 24 OF 95

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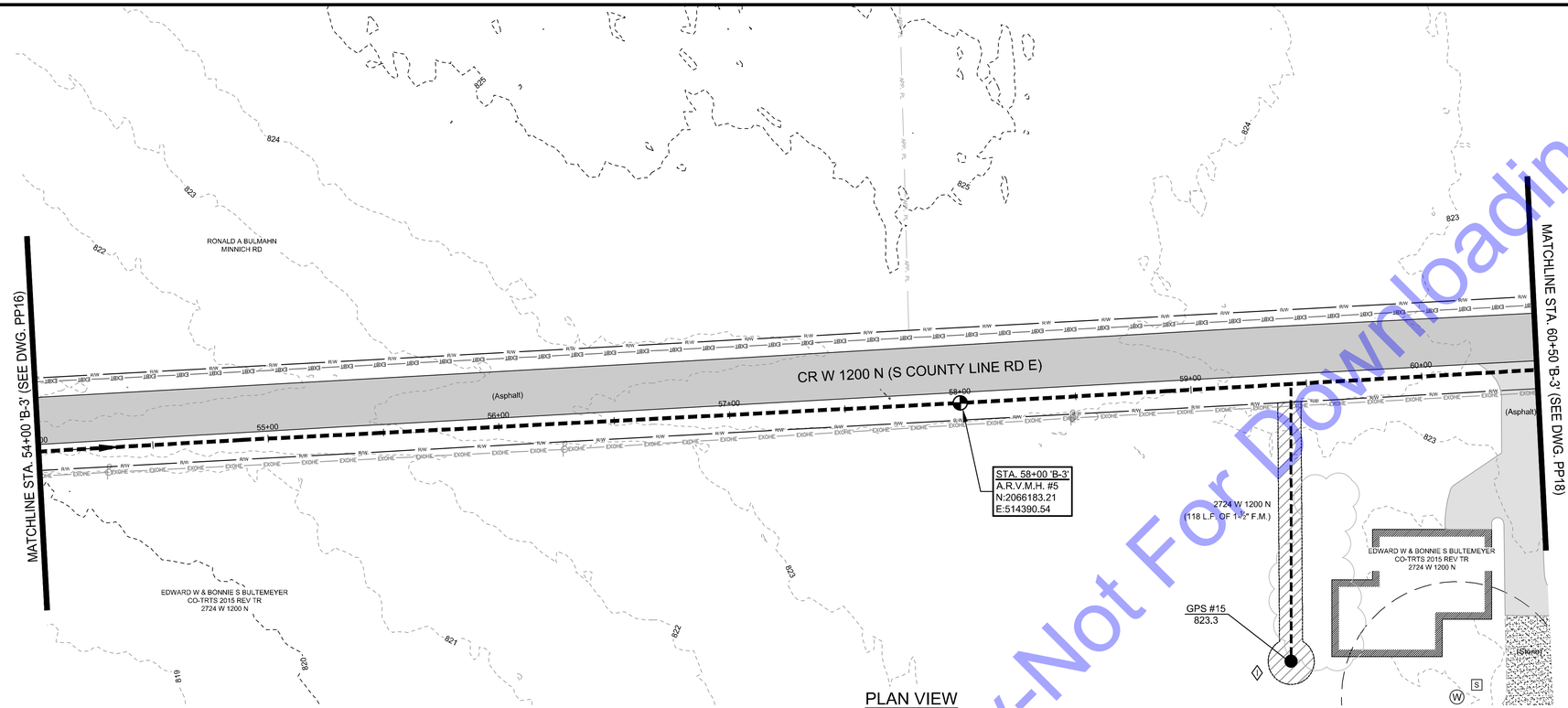
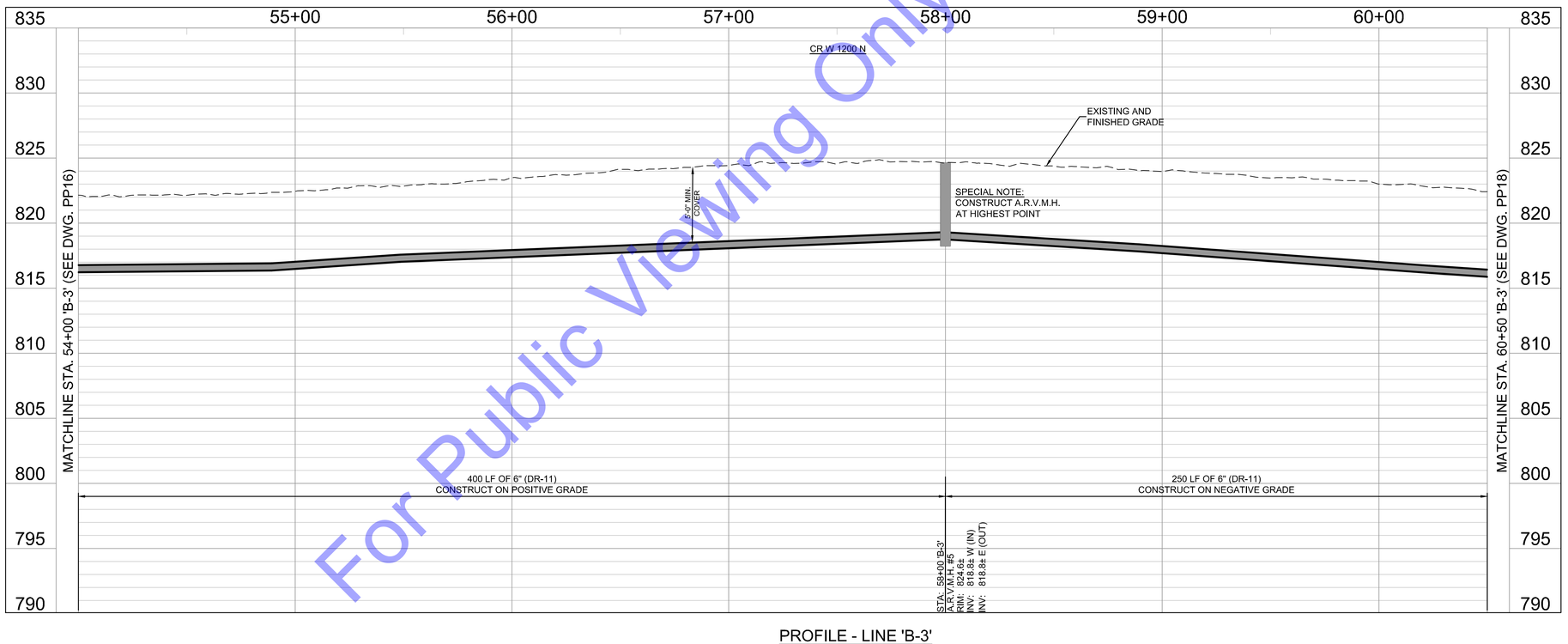


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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PLAN & PROFILE - LINE 'B-3' - STATION 54+00-61+00

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PP17
Sheet: 25 OF 95

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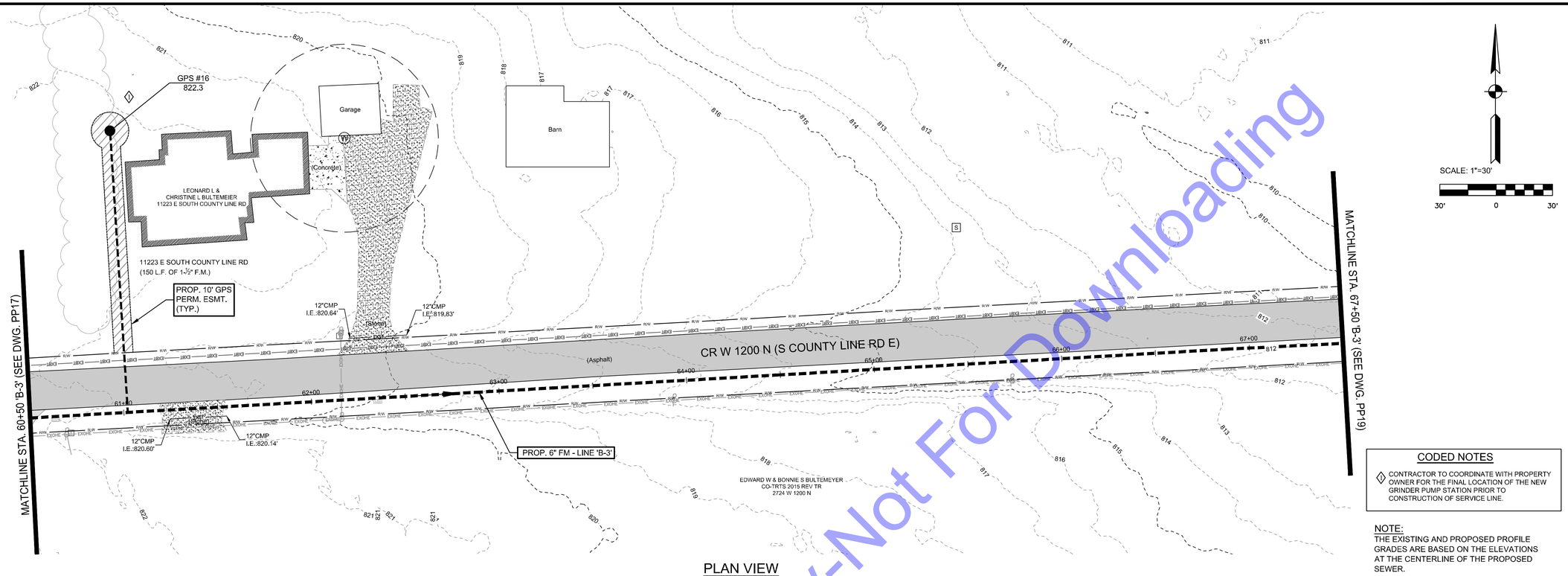
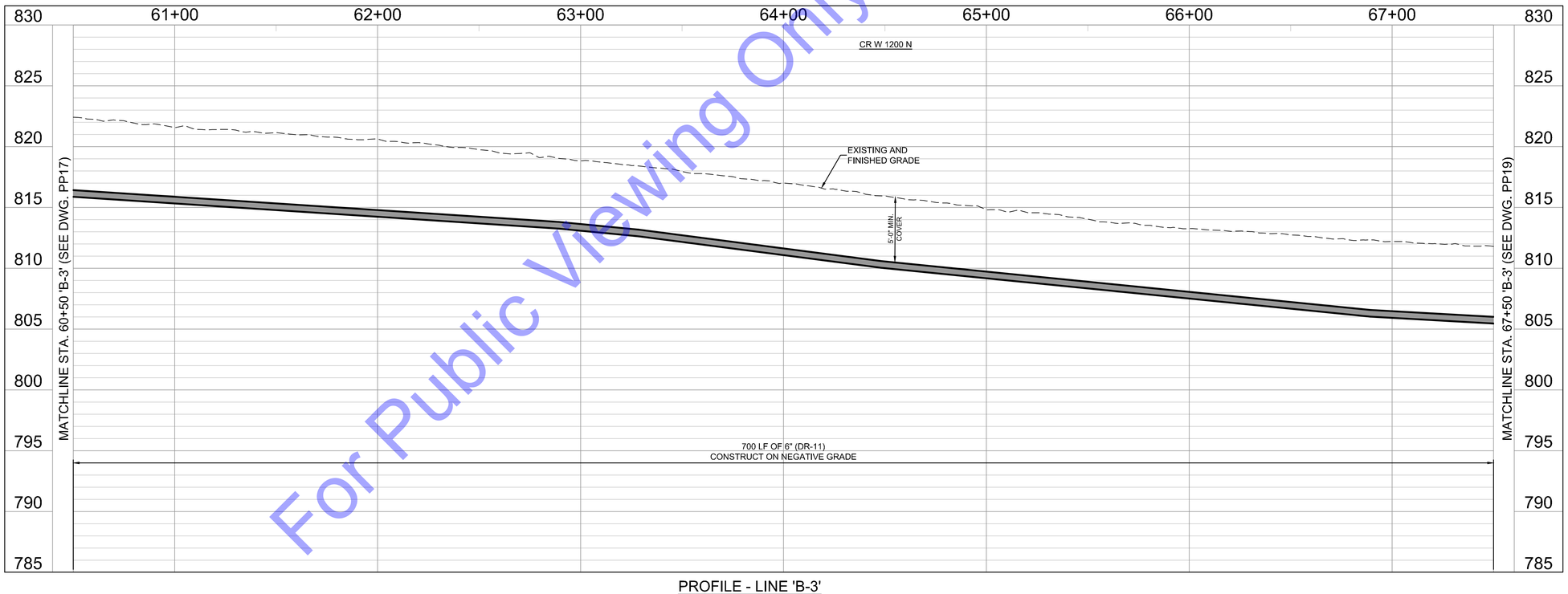


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

CODED NOTES

◇1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-3' - STATION 61+00-67+50

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Sheet: 26 OF 95

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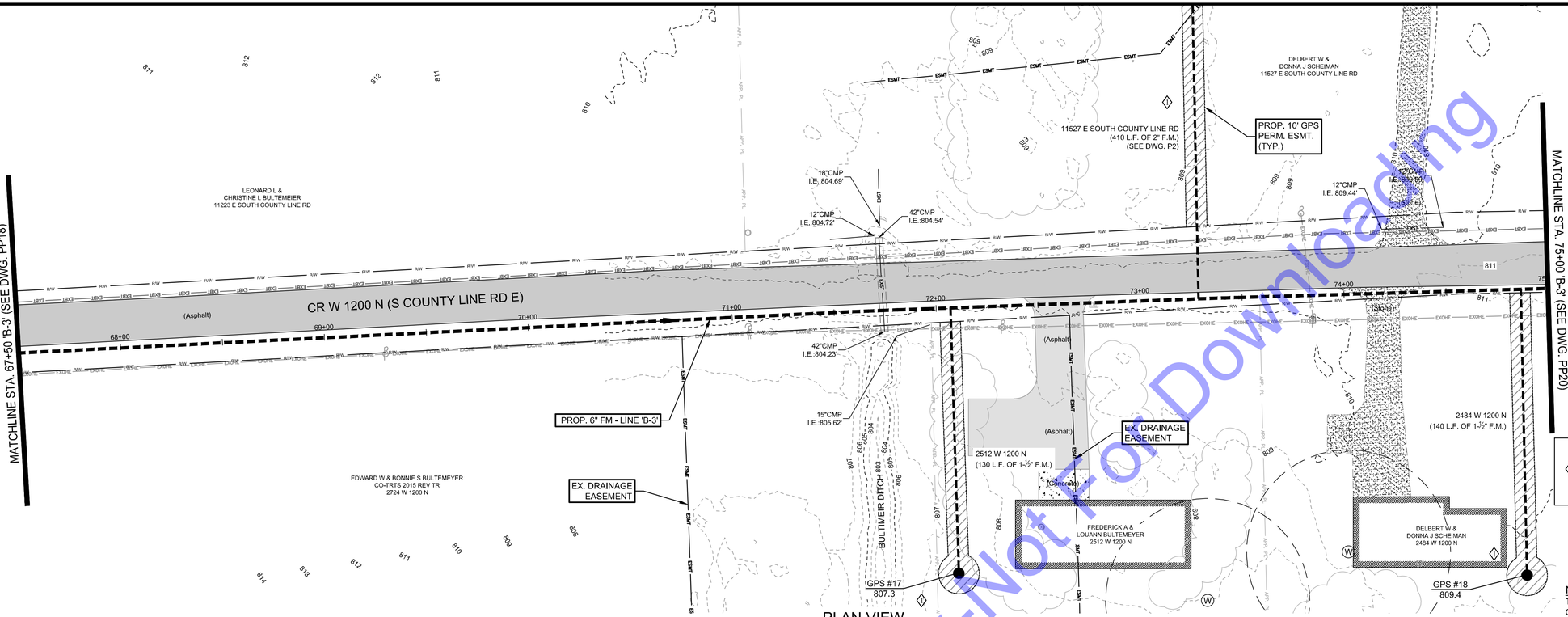

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

◇1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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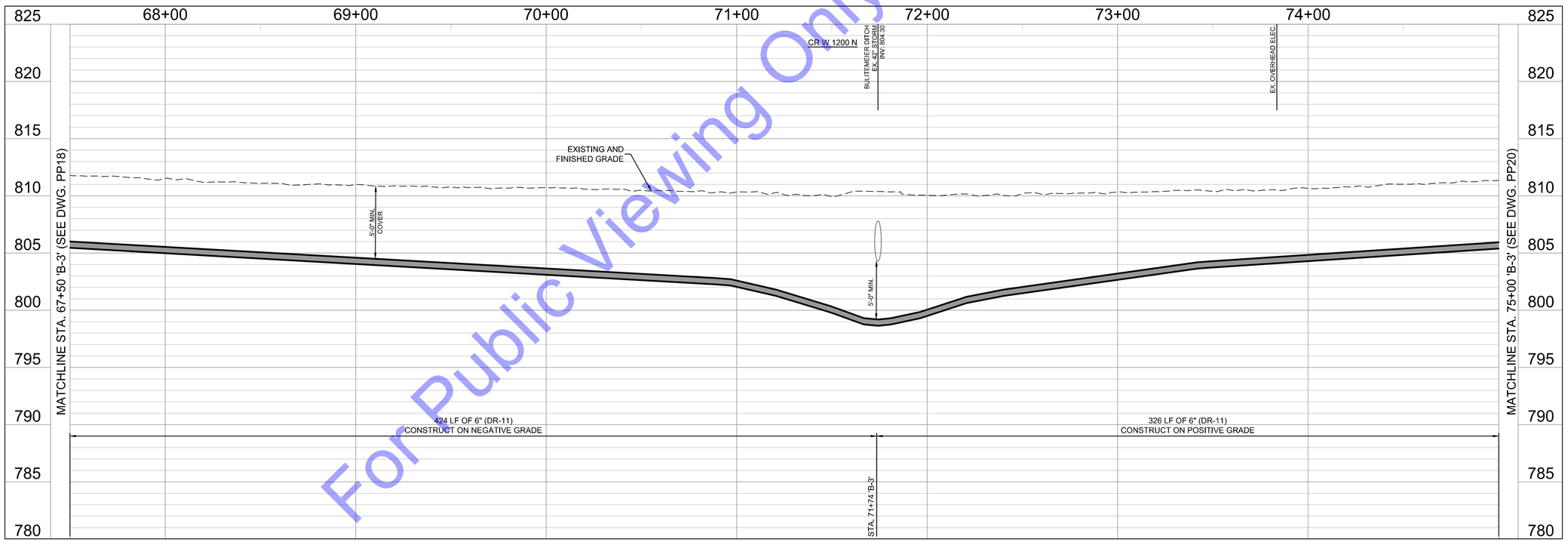

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-3' - STATION 67+50-75+00

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PP19
Sheet: 27 OF 95

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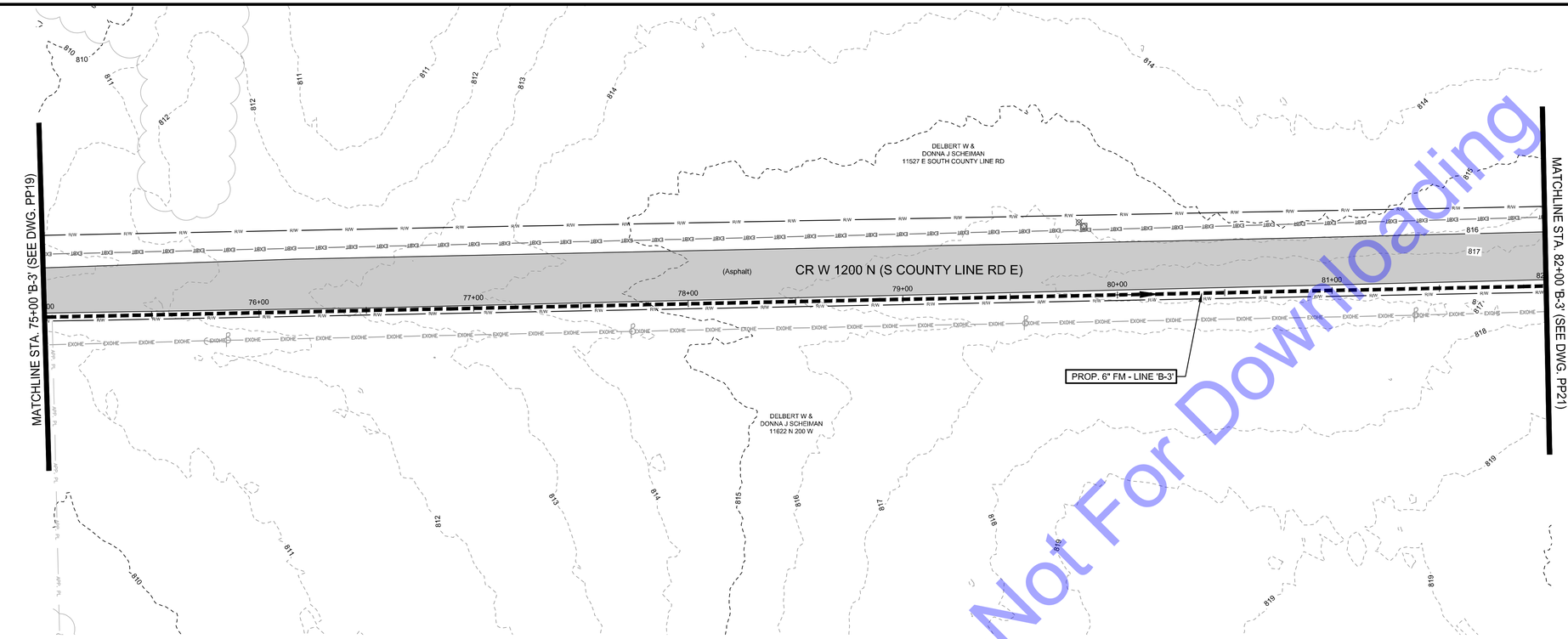
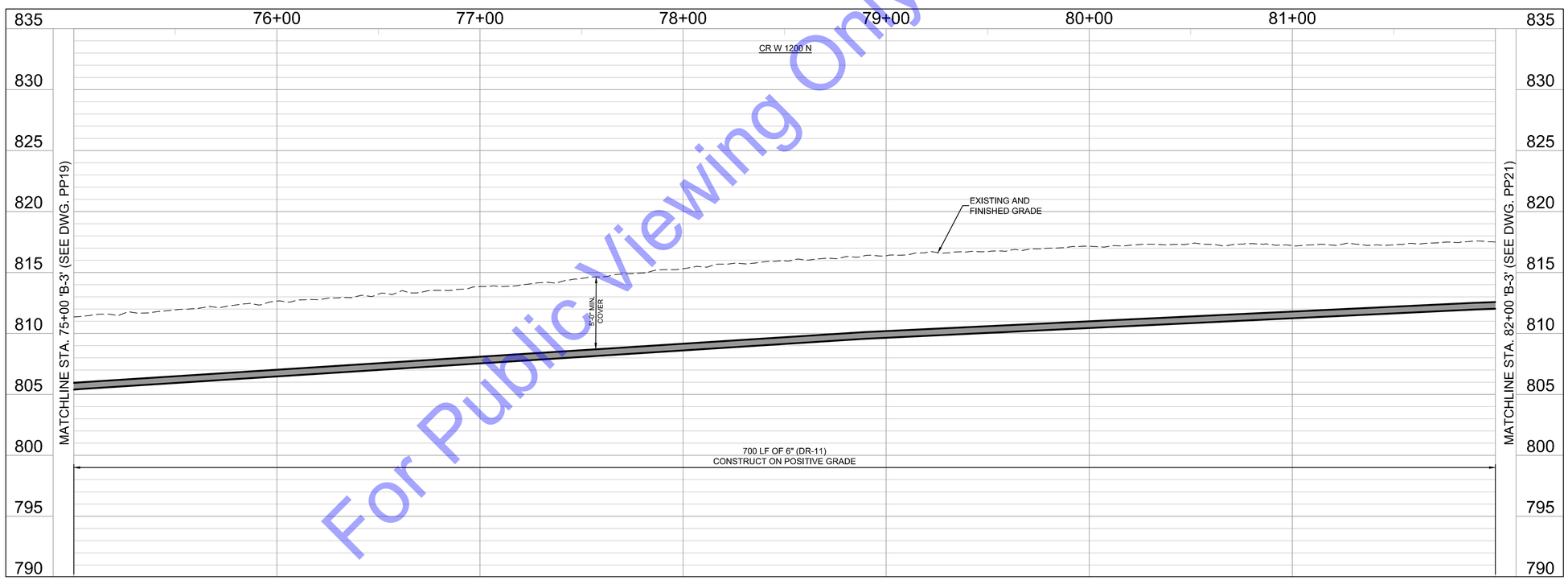


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

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PLAN & PROFILE - LINE 'B-3' - STATION 75+00-82+00

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PP20
Sheet: 28 OF 95

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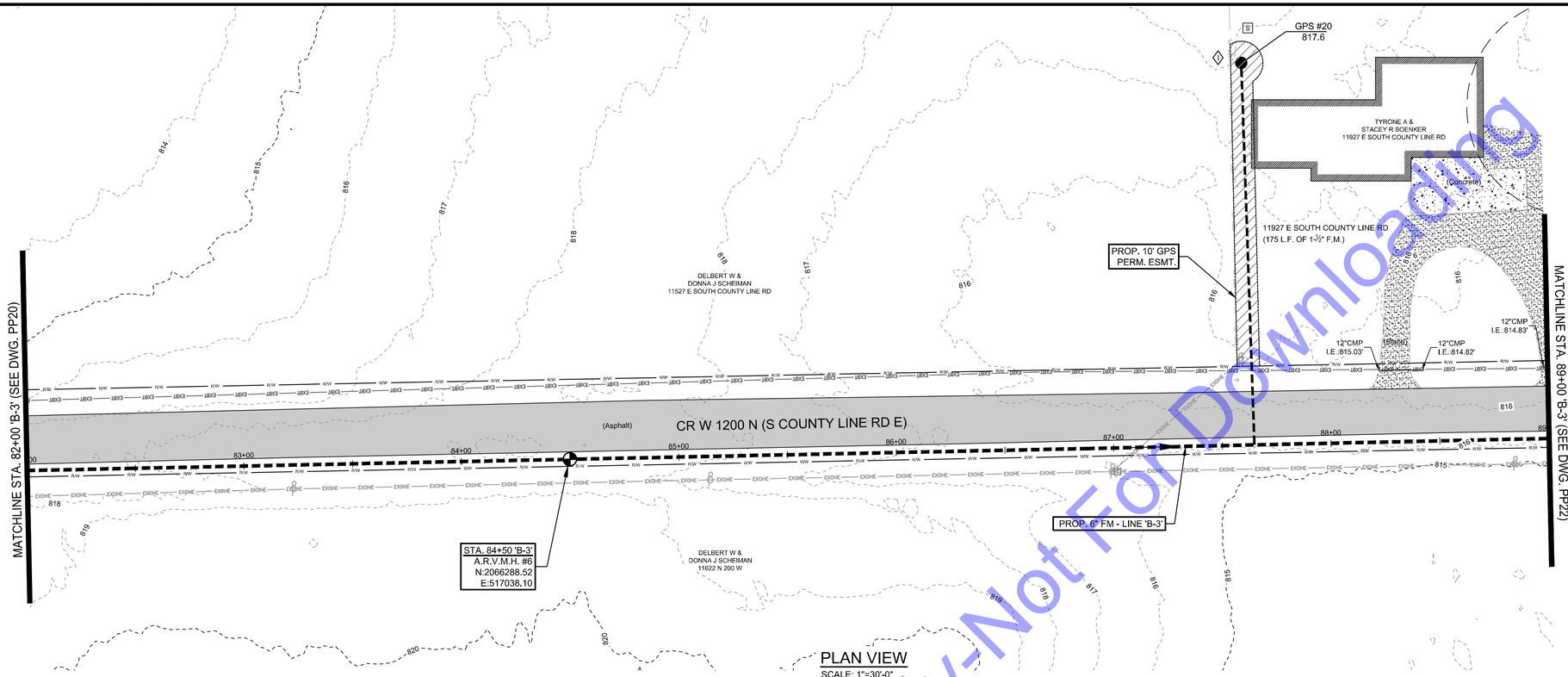

PLAN VIEW

SCALE: 1"=30'-0"

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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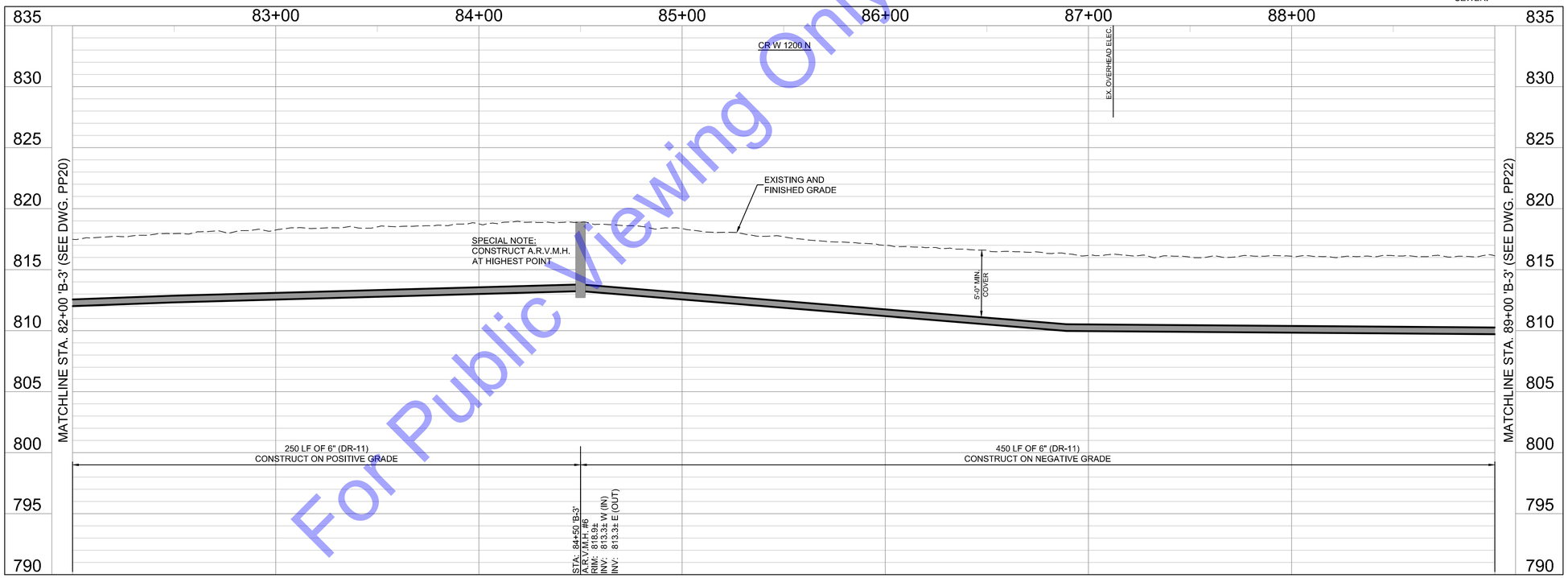

PROFILE - LINE 'B-3'

HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-3' - STATION 82+00-89+00

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PP21
Sheet: 29 OF 95

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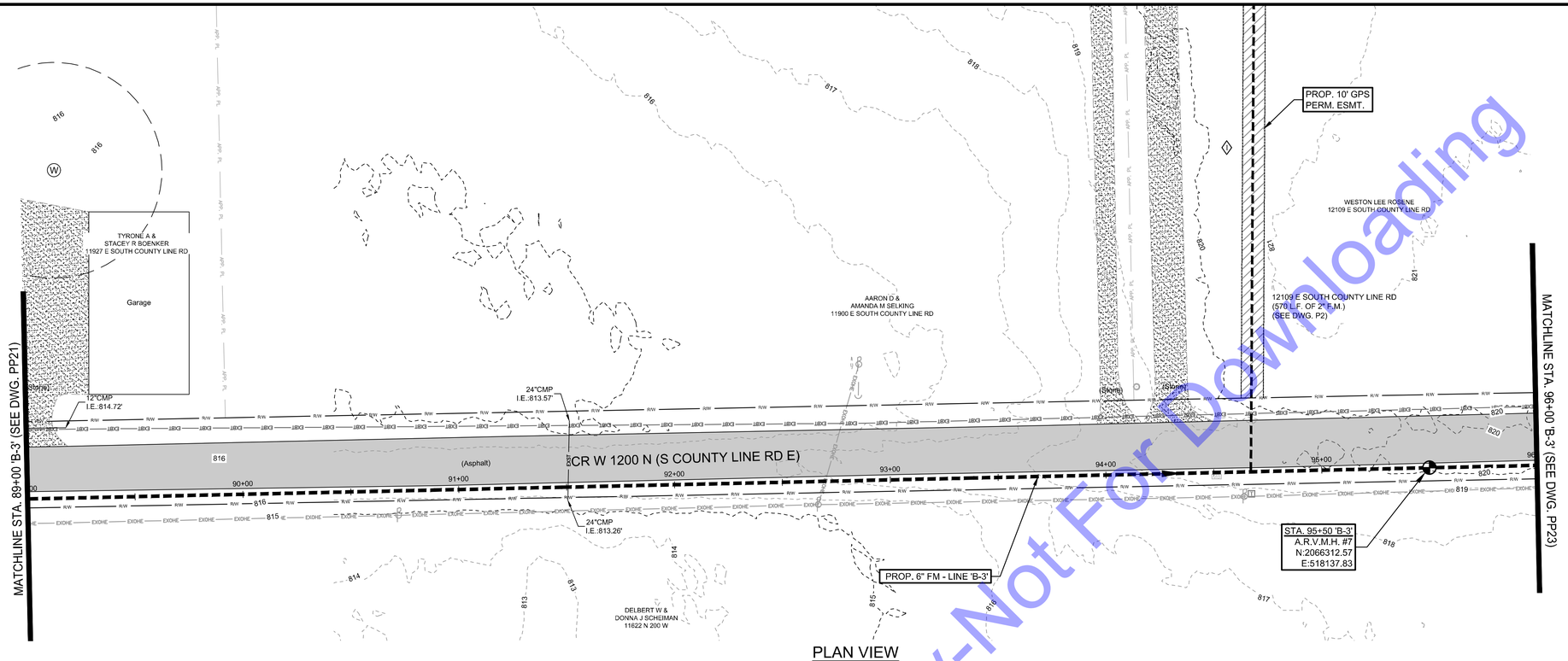
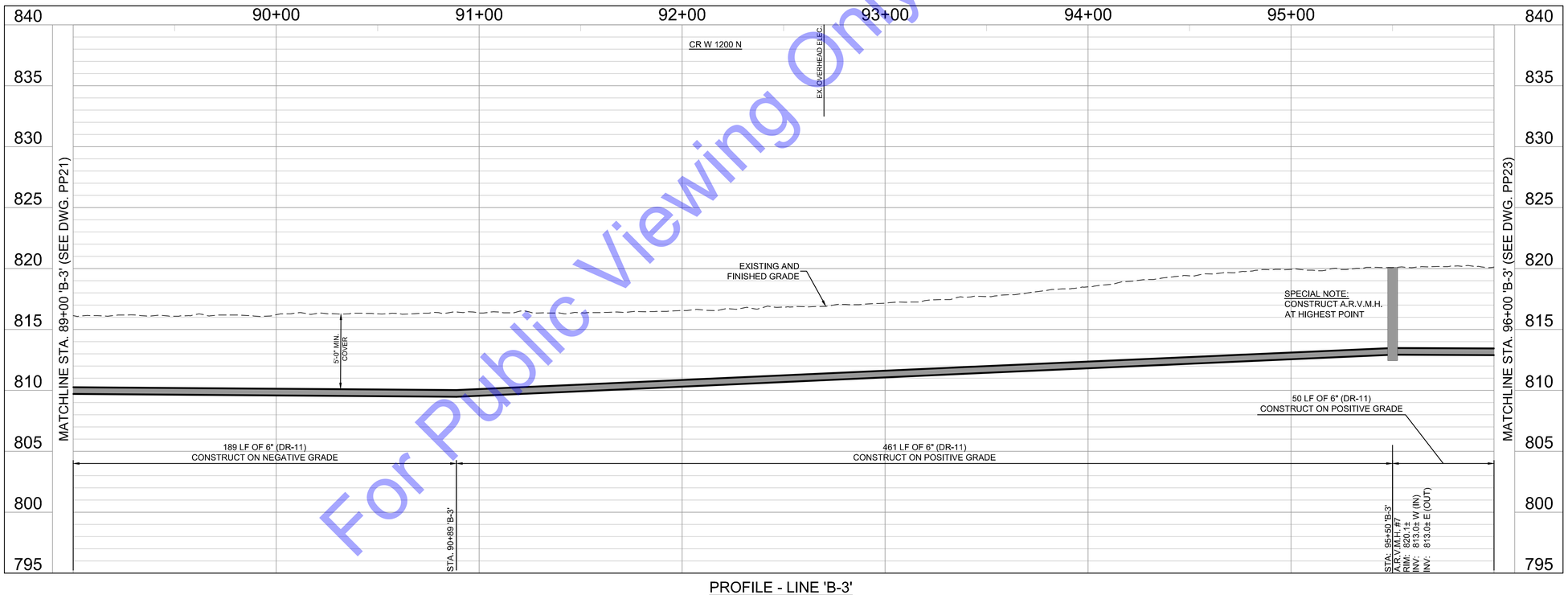


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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PLAN & PROFILE - LINE 'B-3' - STATION 89+00-96+00

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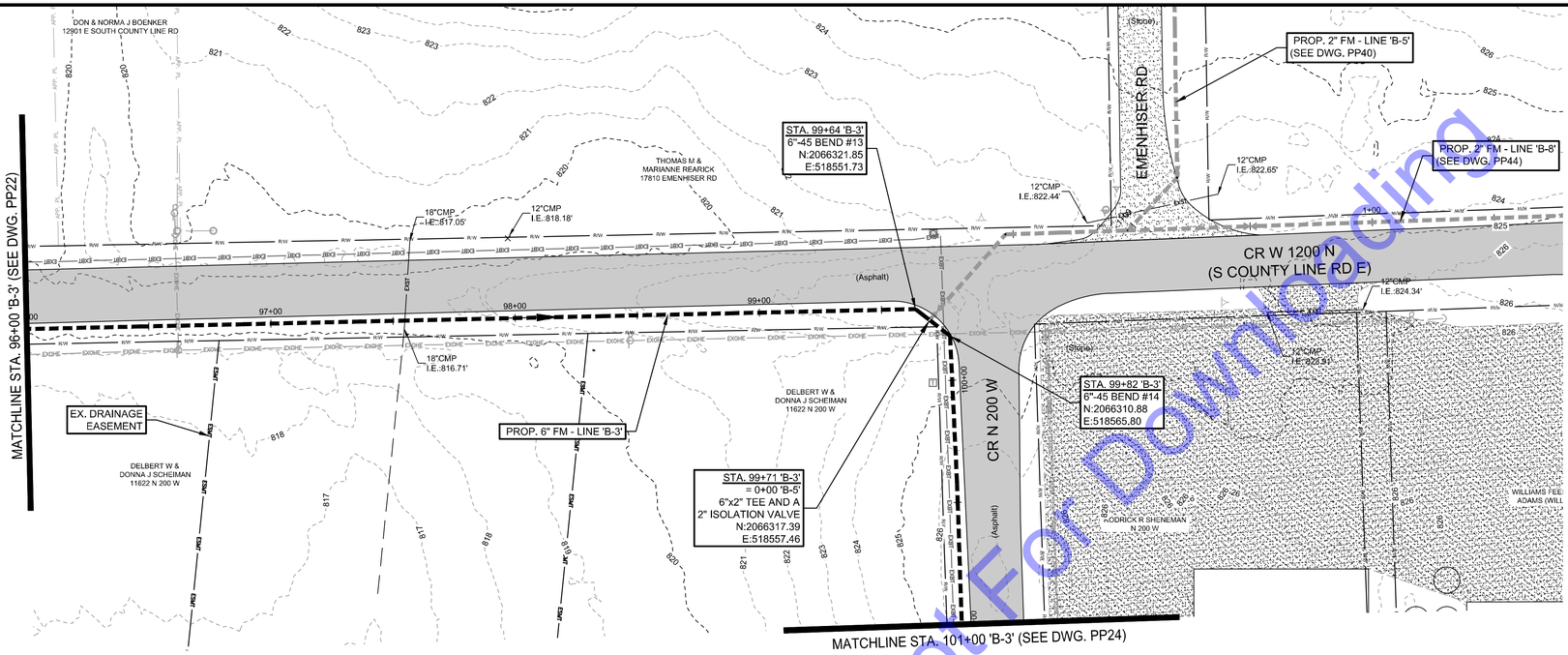
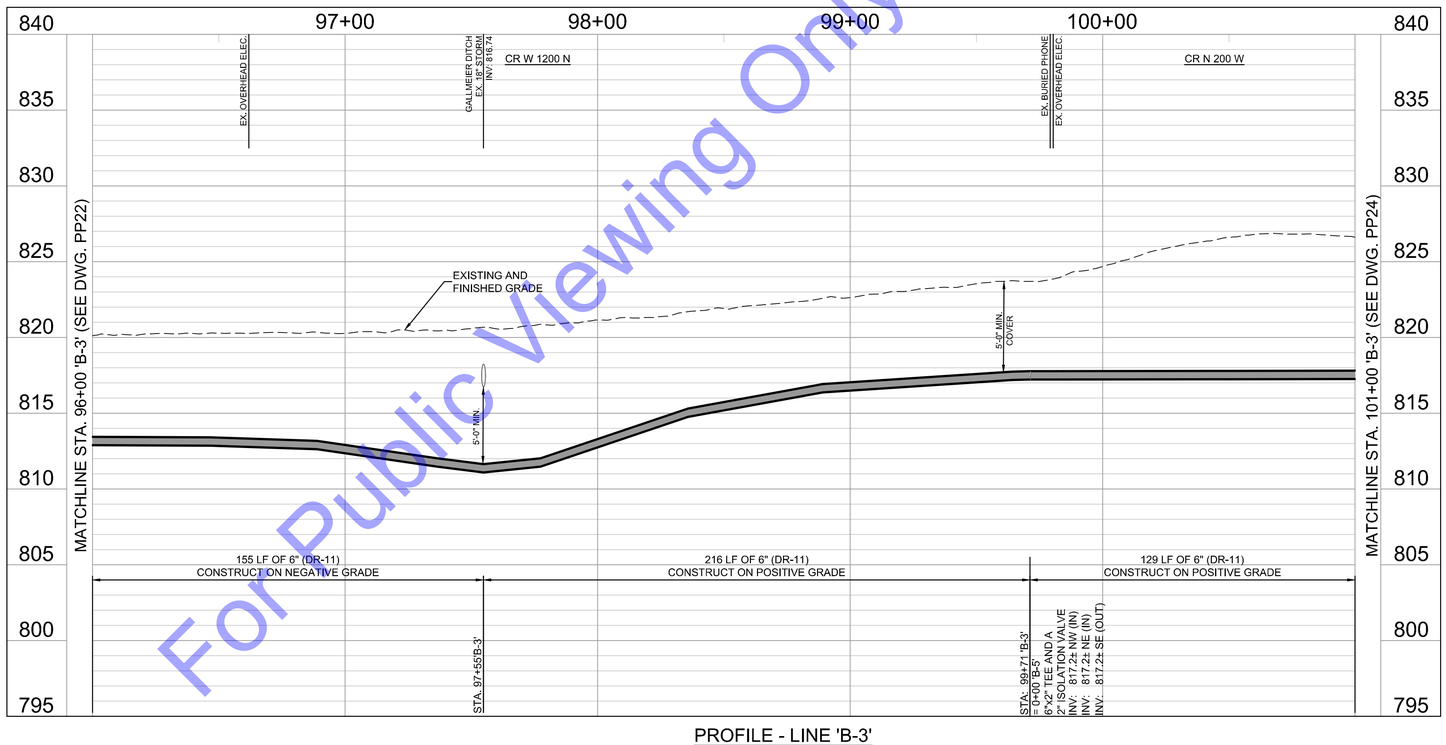


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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Issue Date:	Project No:	Scale:
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PLAN & PROFILE - LINE 'B-3' - STATION 96+00-101+00

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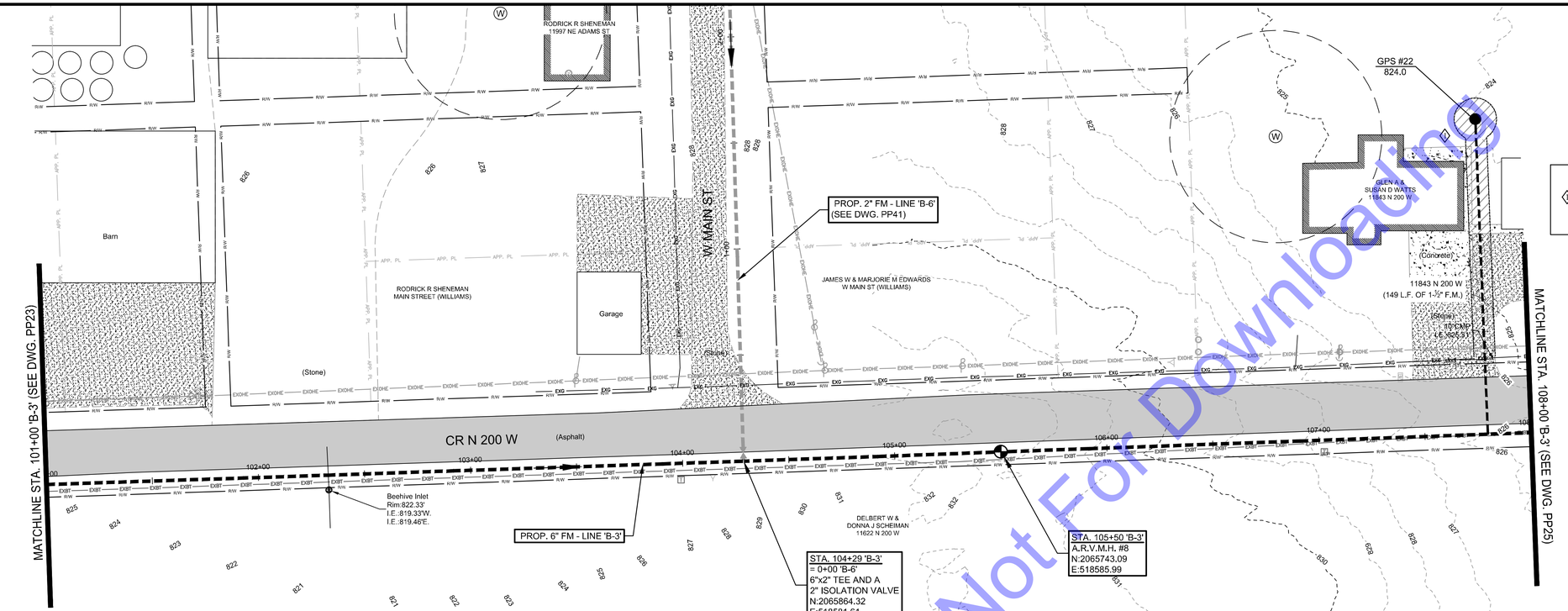

PLAN VIEW

SCALE: 1"=30'-0"

SCALE: 1"=30'

30' 0 30'

CODED NOTES

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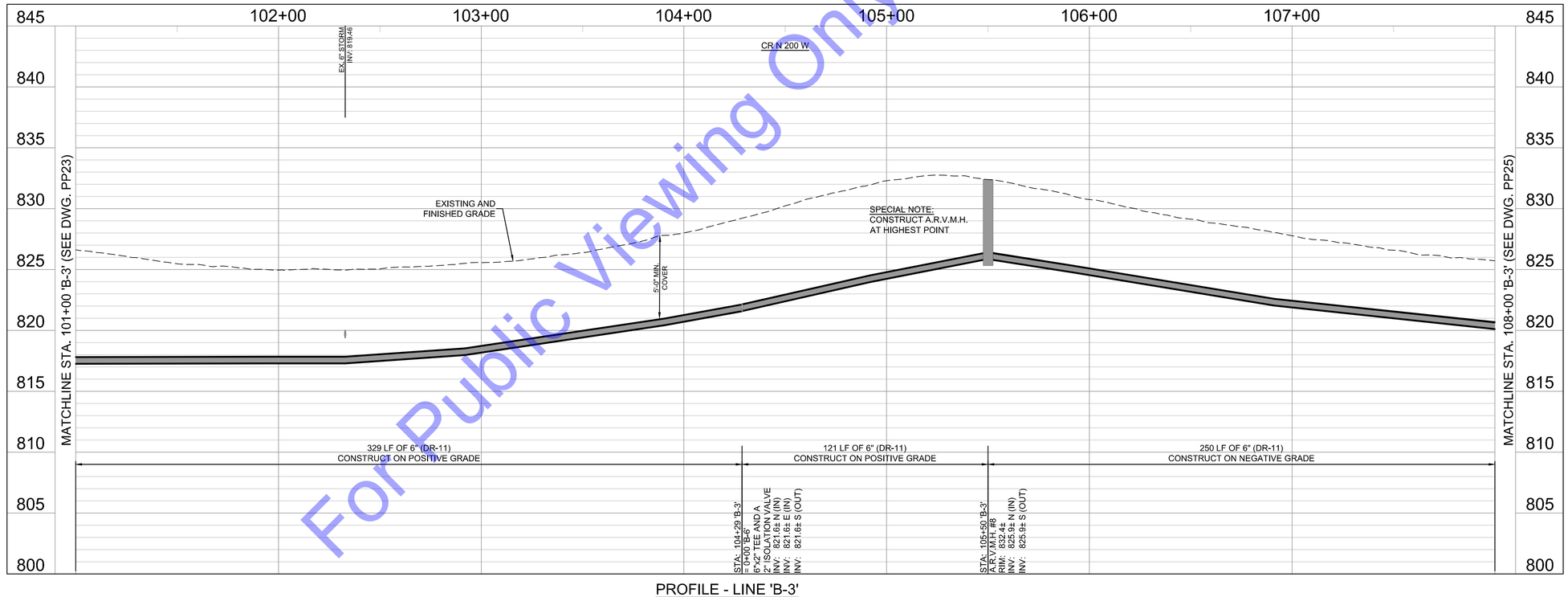

PROFILE - LINE 'B-3'

HORIZONTAL SCALE: 1"=30'-0"

VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-3' - STATION 101+00-108+00

Drawing No:
PP24
Sheet: 32 OF 95

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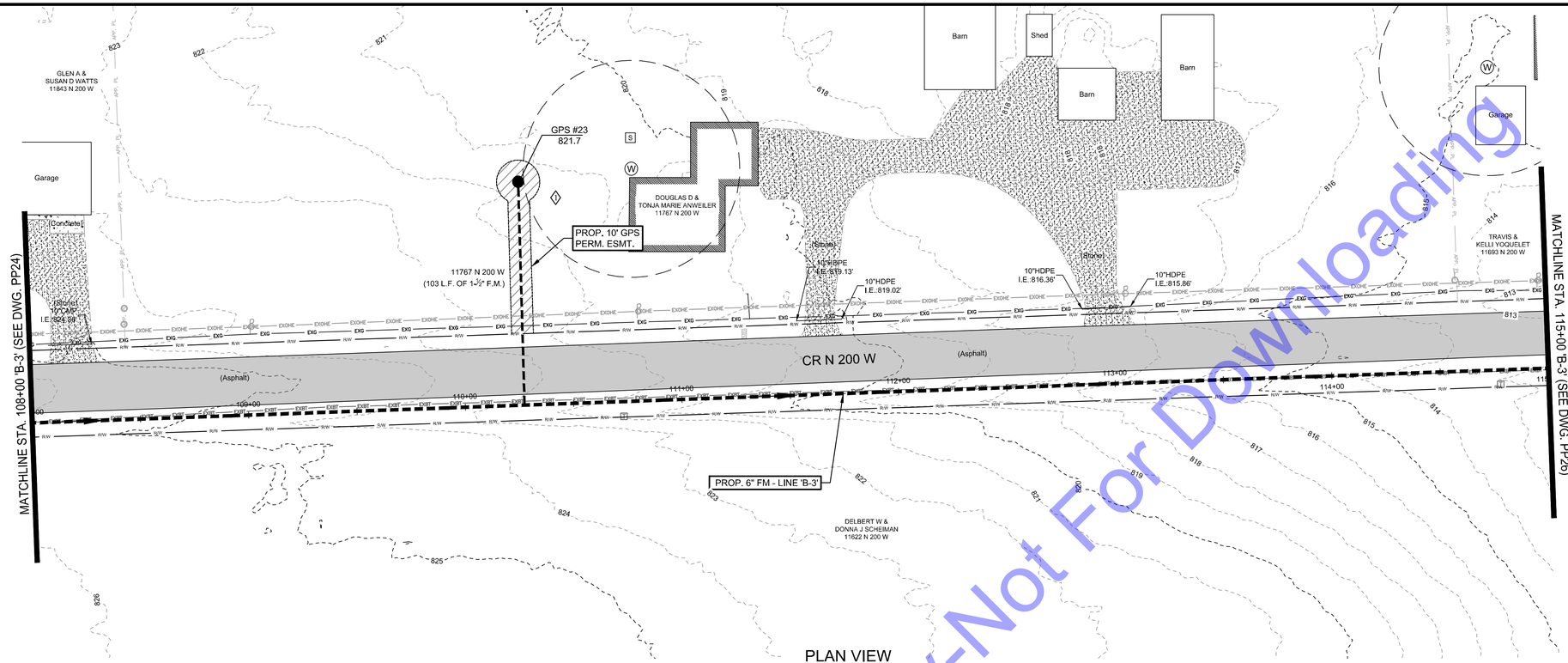


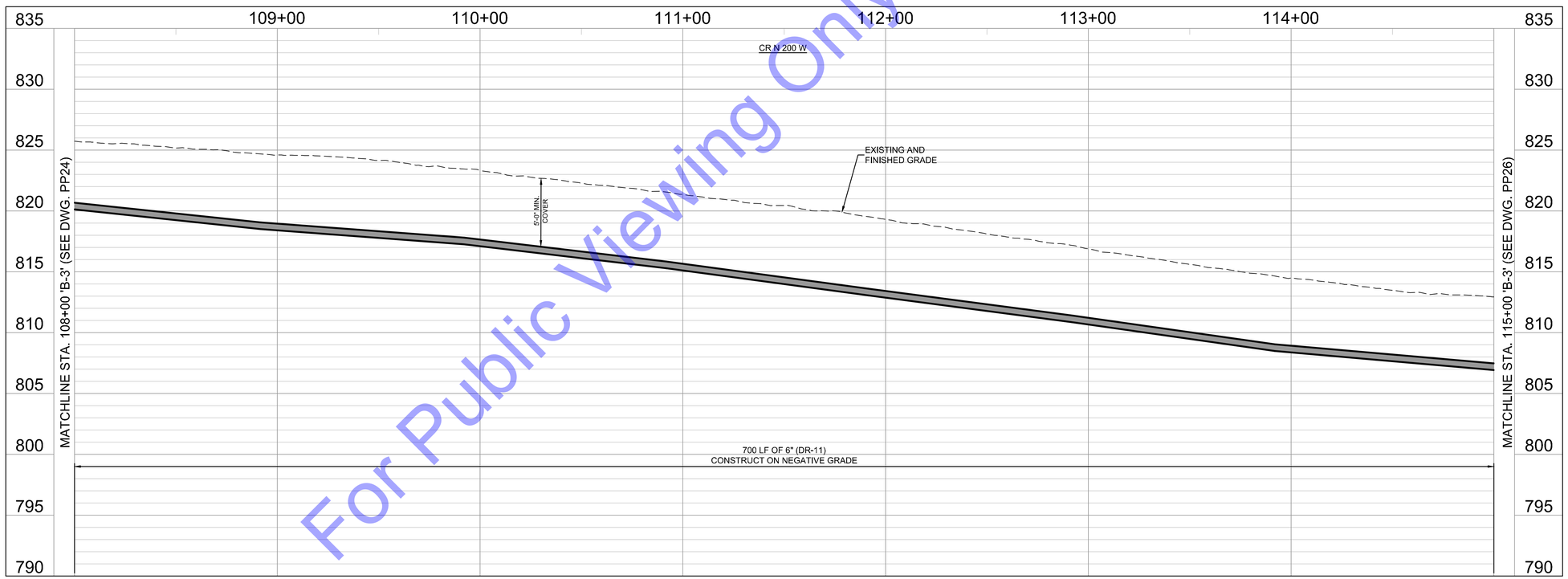
PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

NOTE:
THE EXISTING AND PROPOSED PROFILE GRADES ARE BASED ON THE ELEVATIONS AT THE CENTERLINE OF THE PROPOSED SEWER.



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B-3' - STATION 108+00-115+00

Drawing No:
PP25
Sheet: 33 OF 95

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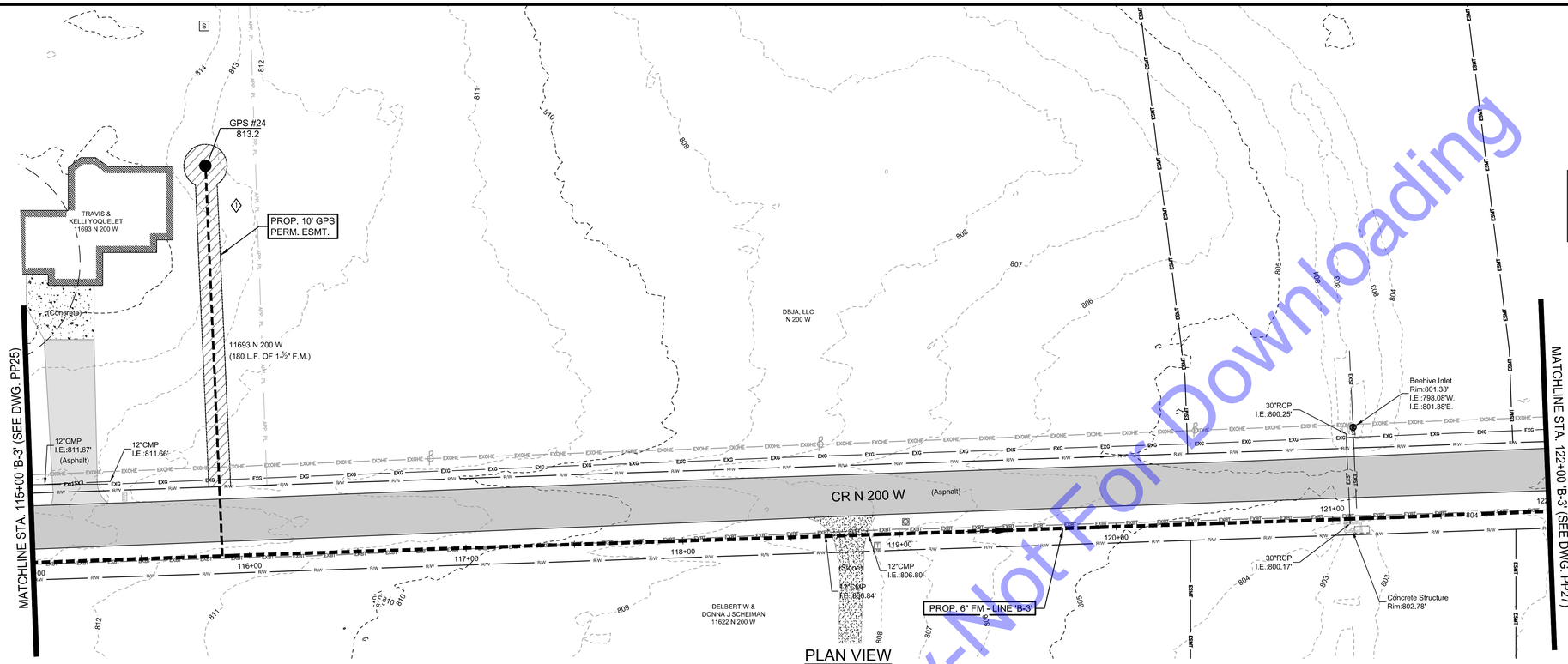

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

7 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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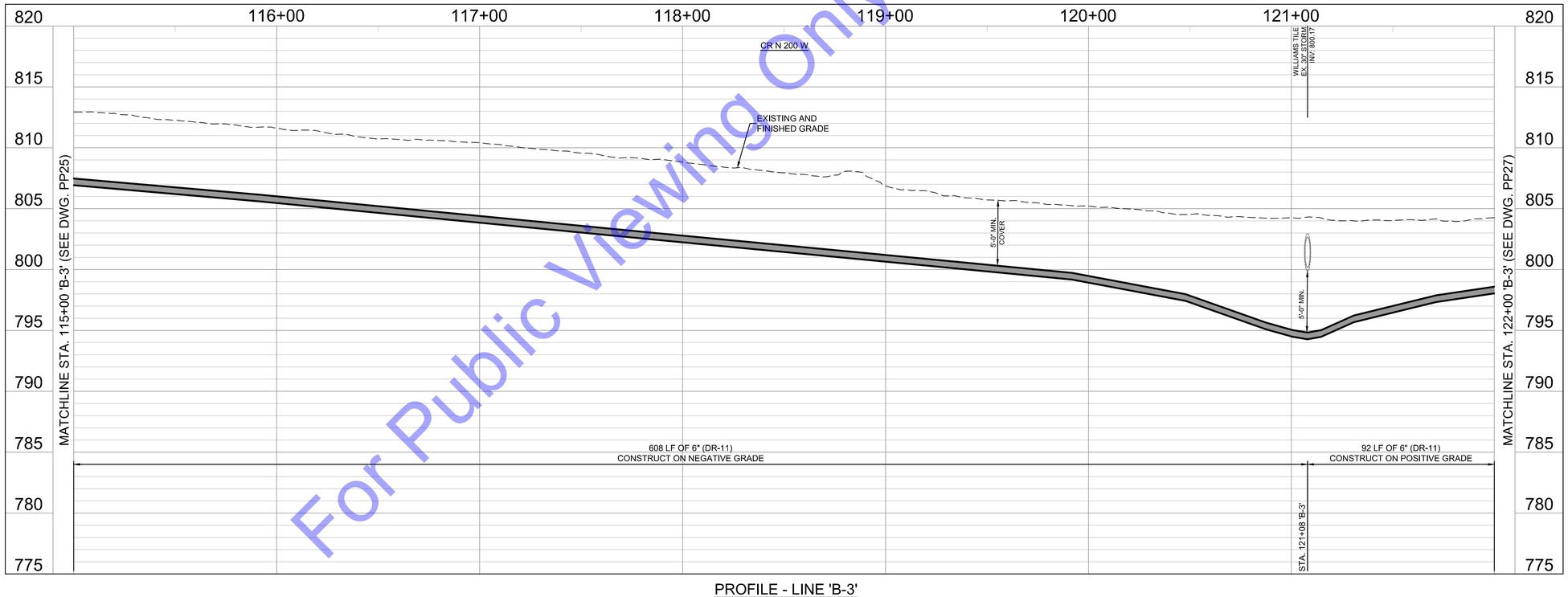

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-3' - STATION 115+00-122+00

Drawing No:
PP26
Sheet: 34 OF 95

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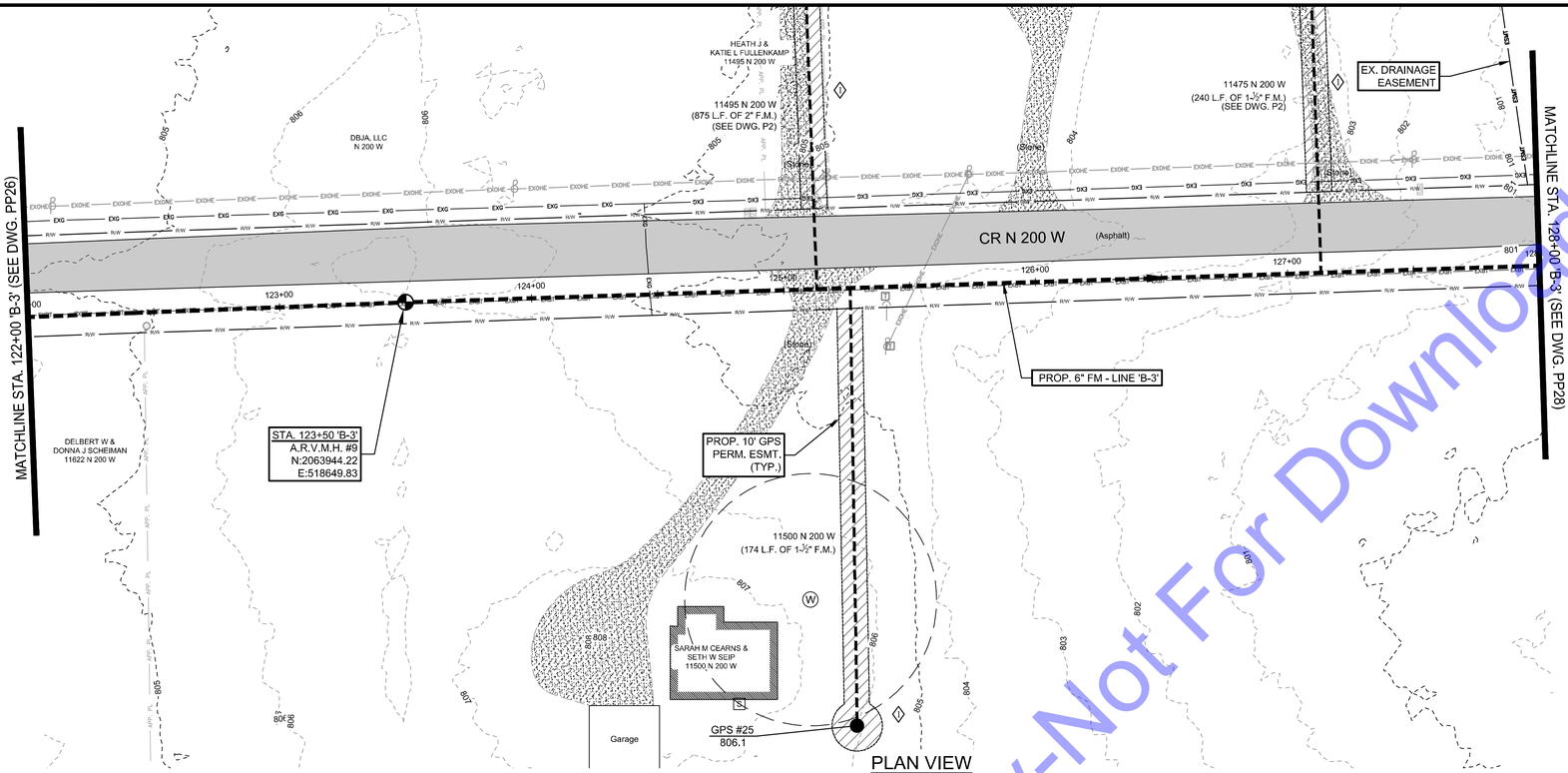
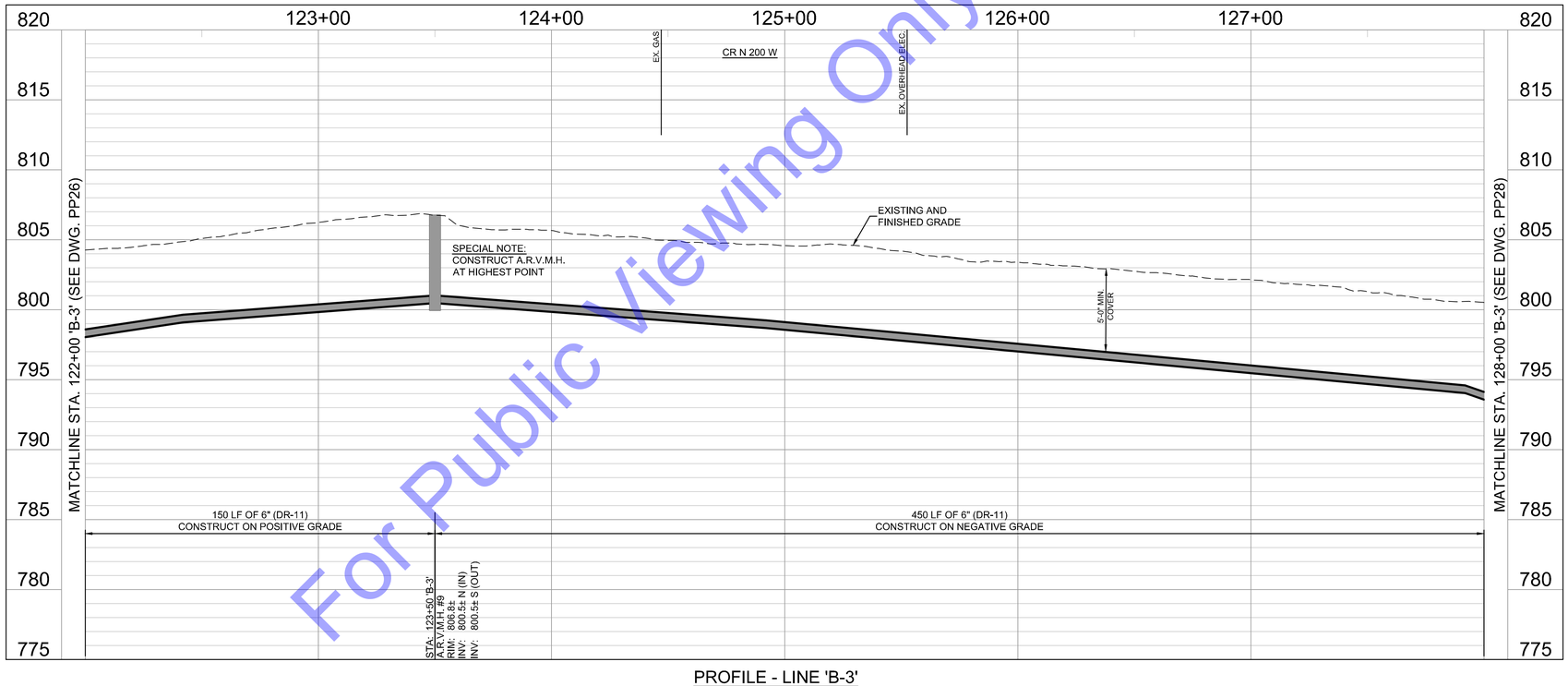


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-3' - STATION 122+00-128+00

Drawing No:
PP27
Sheet: 35 OF 95

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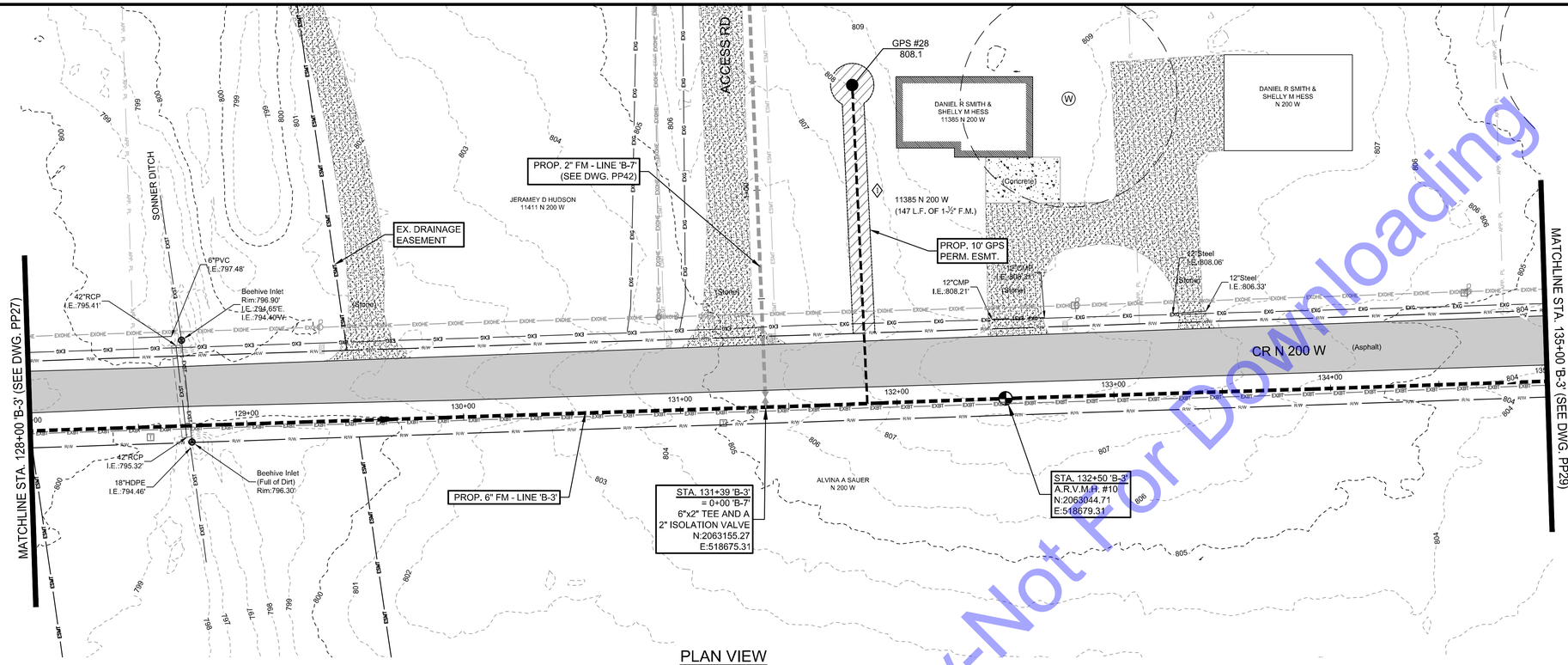
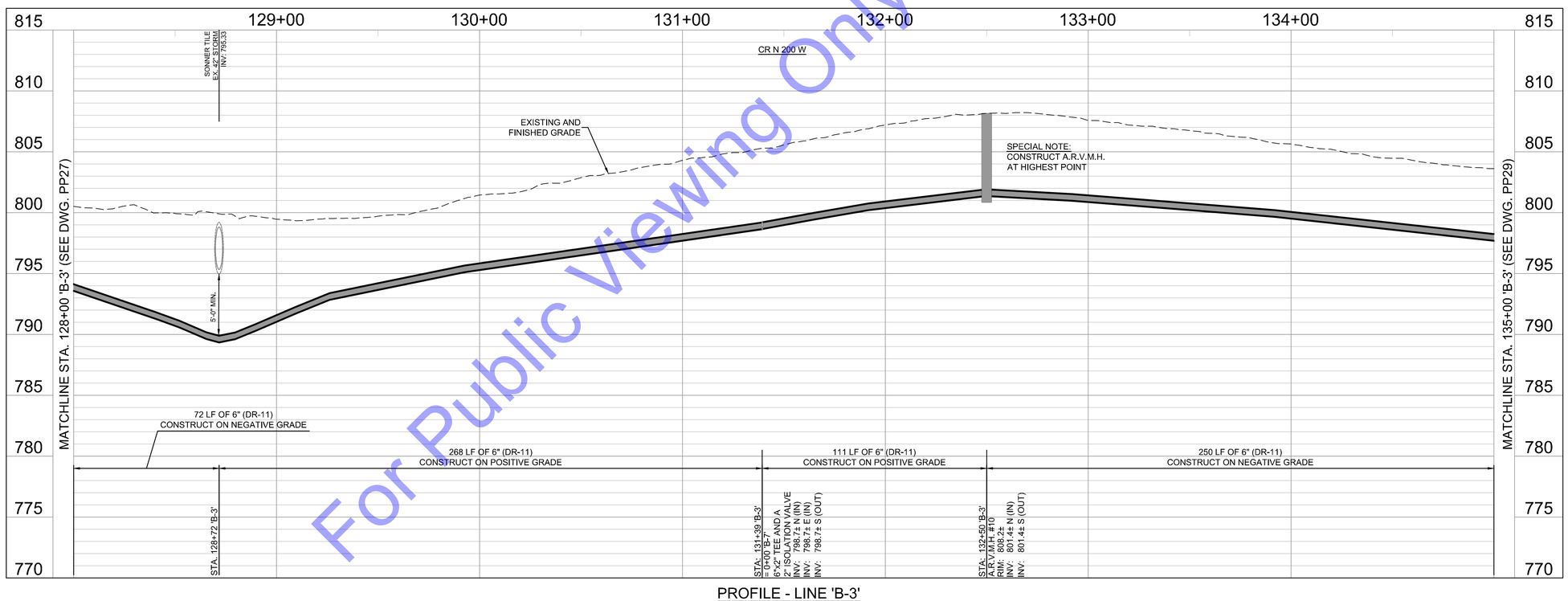


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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PLAN & PROFILE - LINE 'B-3' - STATION 128+00-135+00

Drawing No:
PP28
Sheet: 36 OF 95

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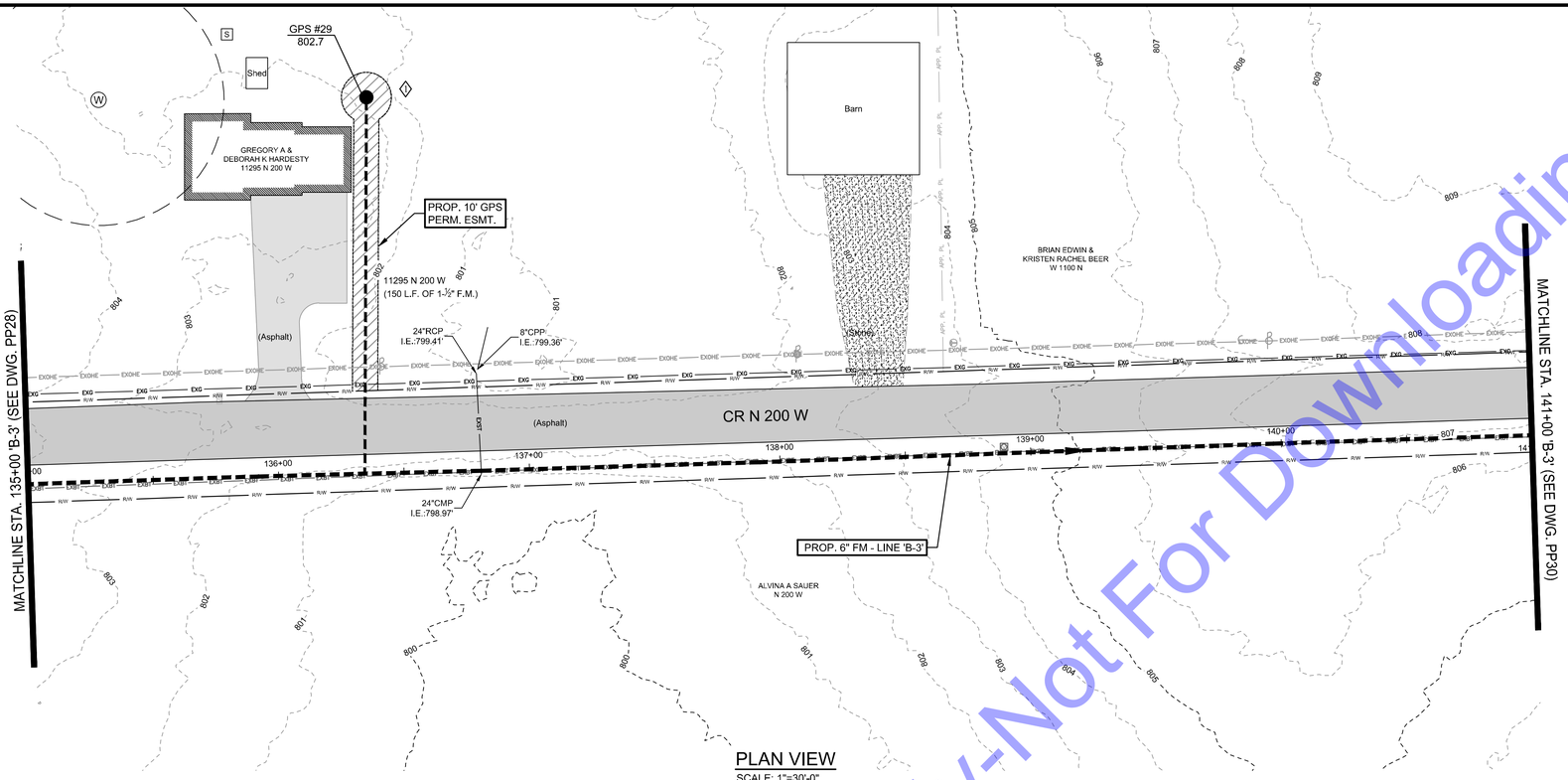
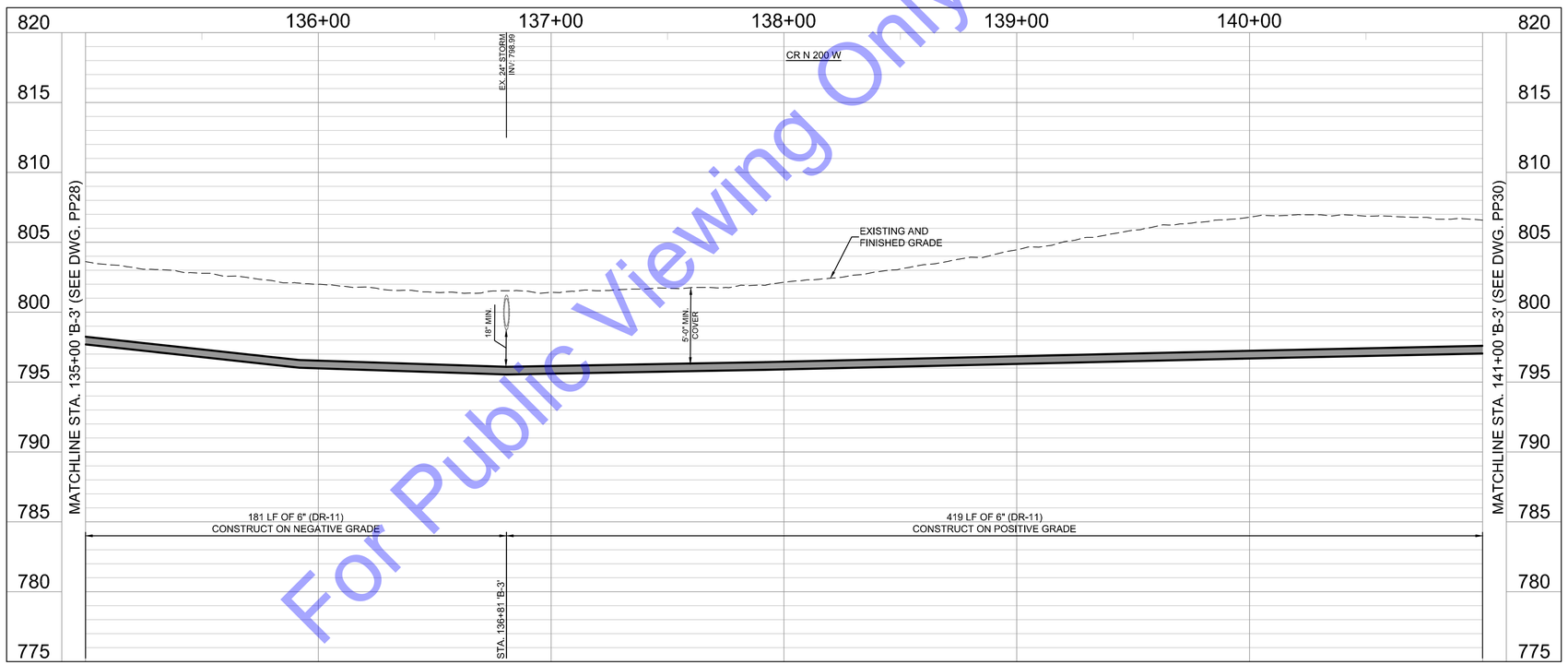


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊ CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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PLAN & PROFILE - LINE 'B-3' - STATION 135+00-141+00

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PP29
Sheet: 37 OF 95

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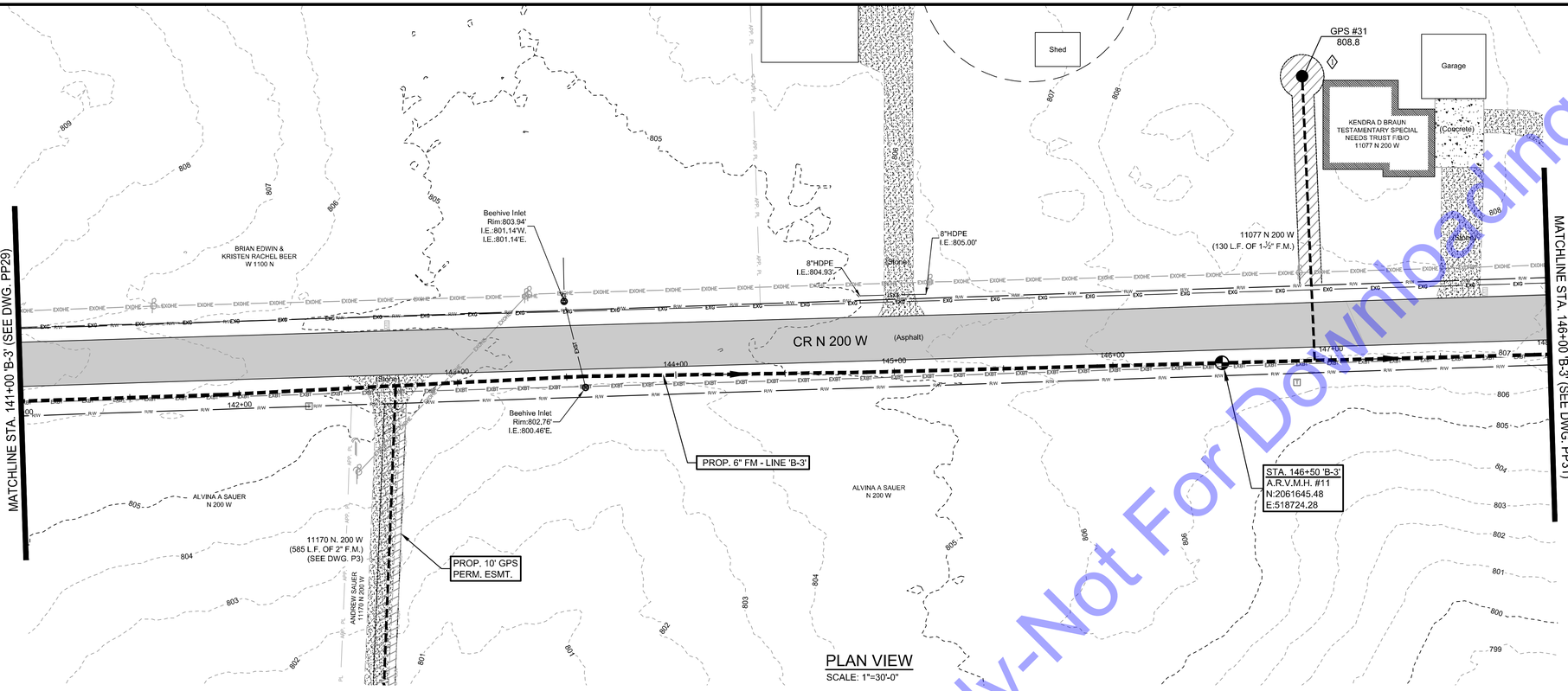
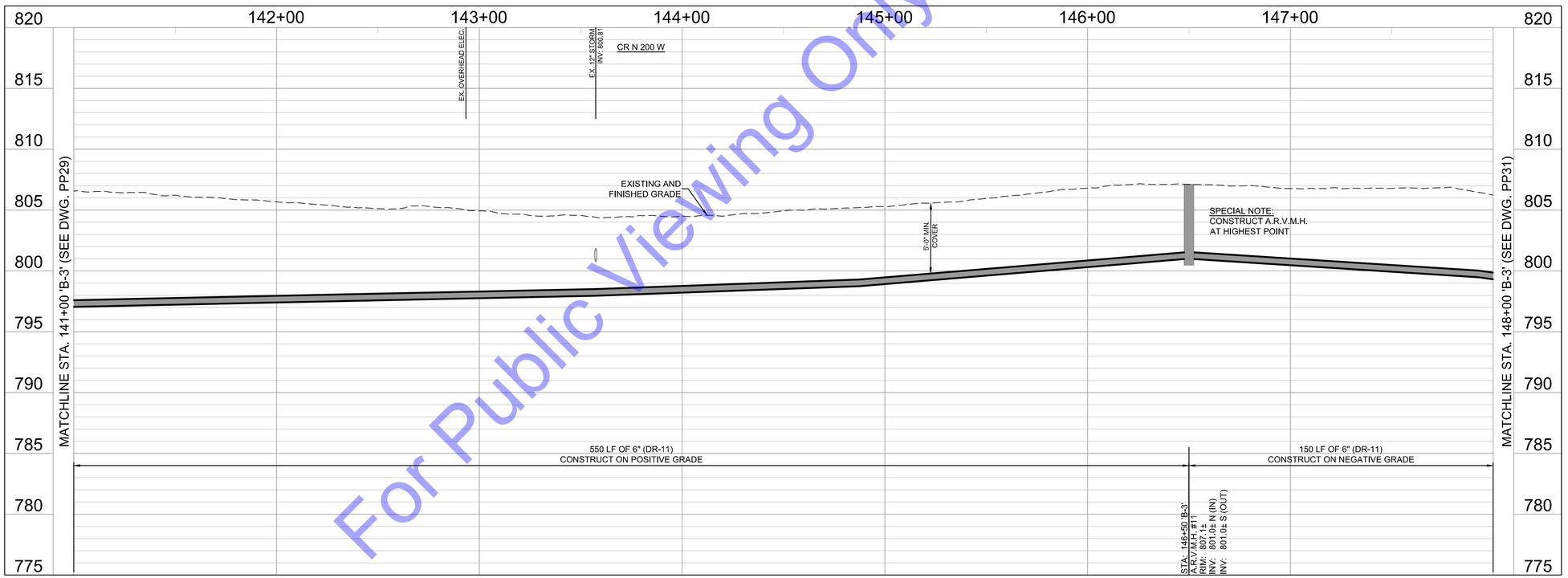


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-3' - STATION 141+00-148+00

Drawing No:
PP30
Sheet: 38 OF 95

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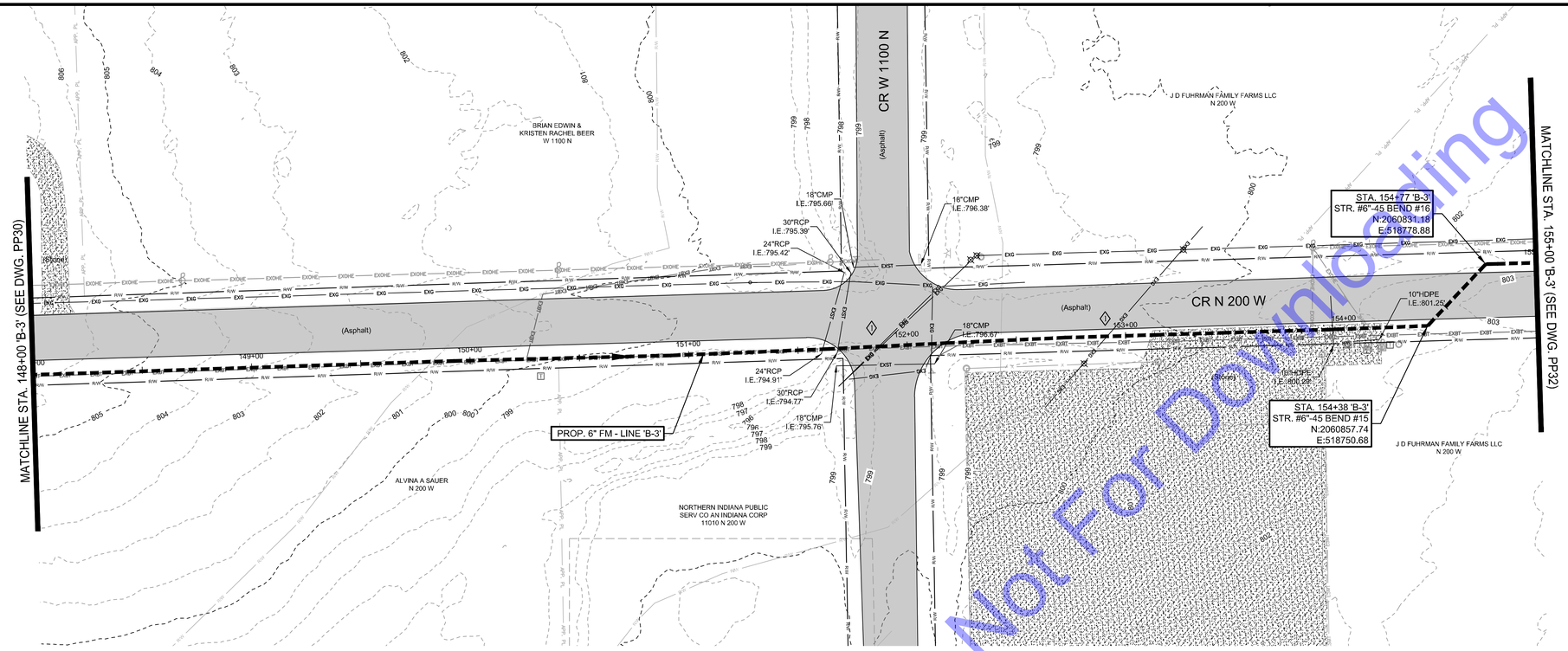

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

1. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF NIPSCO HIGH PRESSURE GAS MAINS (16" AND 24") PRIOR TO CONSTRUCTION. CONTRACTOR TO CONTACT **JACOB MOORE (260-760-8732)** OF NIPSCO AND GIVE 48 HOUR NOTICE OF WHEN CONSTRUCTION WILL TAKE PLACE AROUND HP GAS MAINS. NIPSCO REPRESENTATIVE MUST BE ON SITE FOR CONSTRUCTION AROUND HP GAS MAINS.

NOTE:
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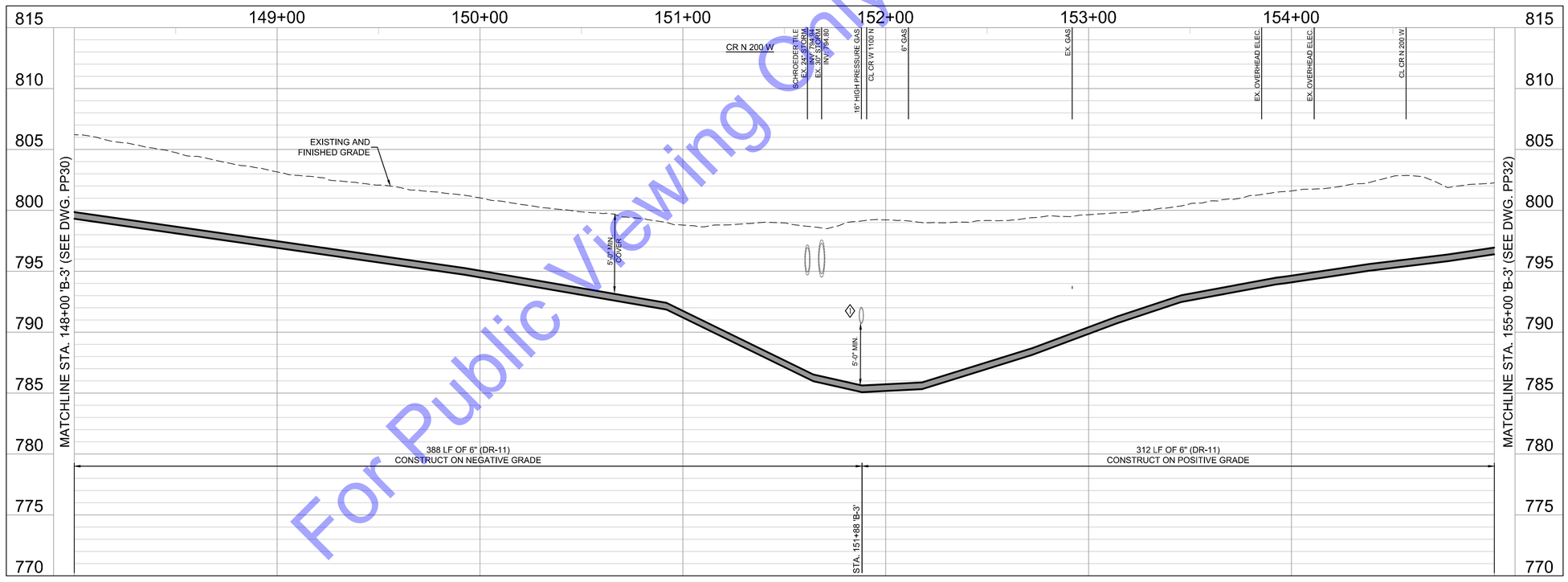

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-3' - STATION 148+00-155+00

Drawing No:
PP31
Sheet: 39 OF 95

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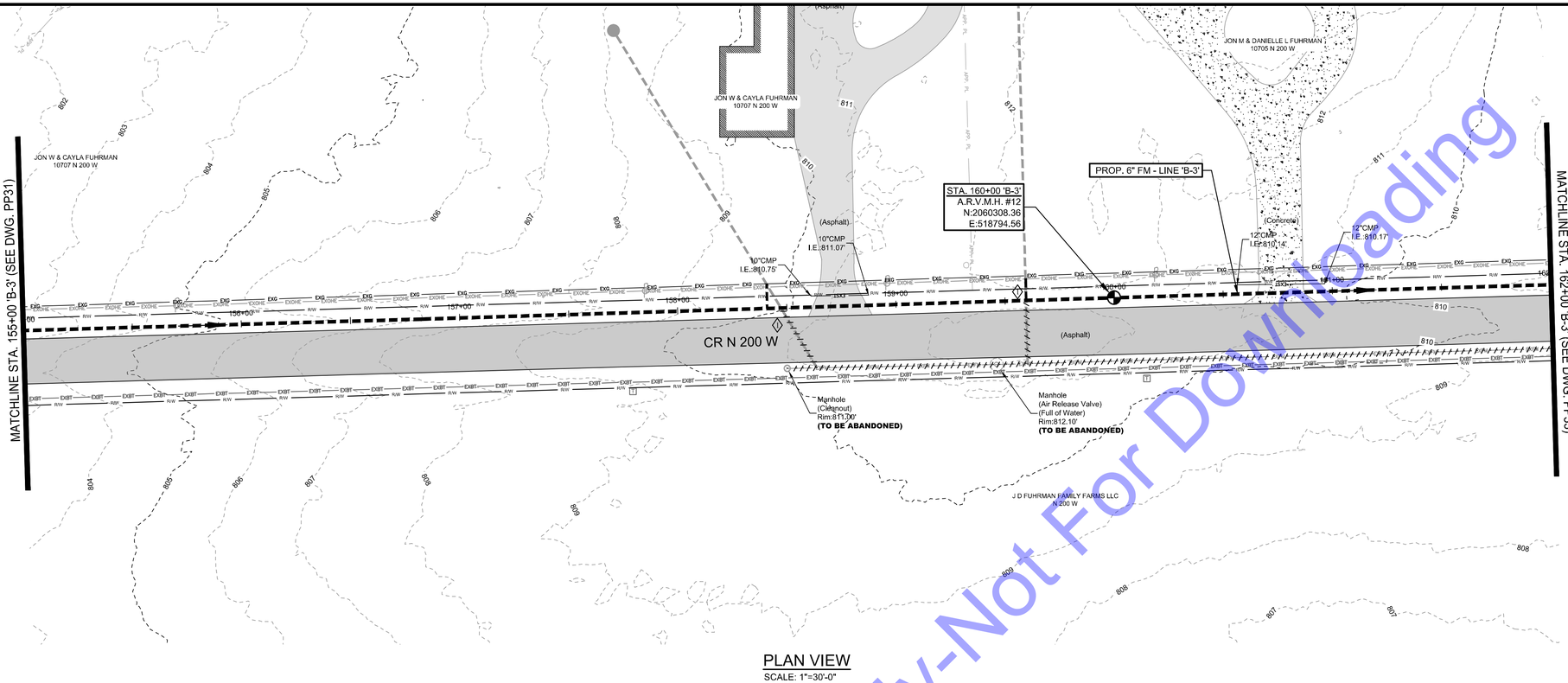


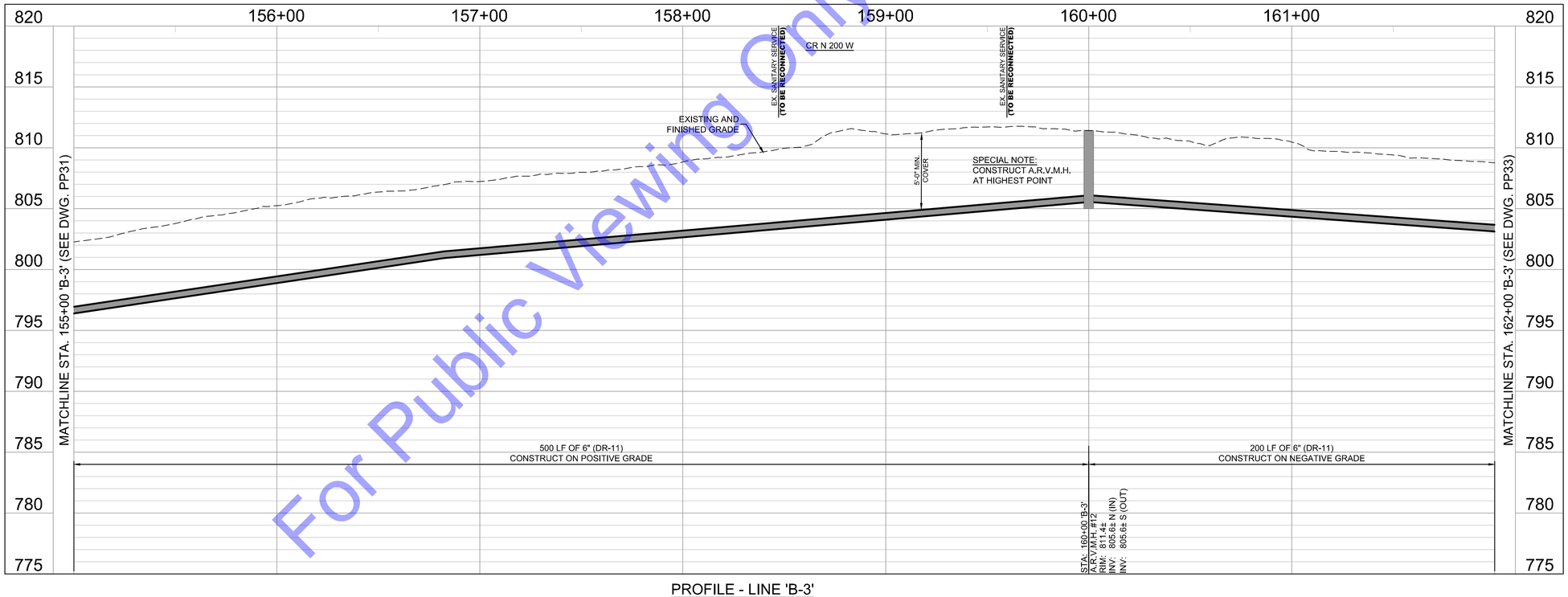
CODED NOTES

1. CONTRACTOR TO RECONNECT EXISTING LOW PRESSURE SANITARY SEWER LINES TO PROPOSED 6" FORCE MAIN.

NOTE:
THE EXISTING AND PROPOSED PROFILE GRADES ARE BASED ON THE ELEVATIONS AT THE CENTERLINE OF THE PROPOSED SEWER.

PLAN VIEW

SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'

HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-3' - STATION 155+00-162+00

Drawing No: **PP32**

Sheet: 40 OF 95

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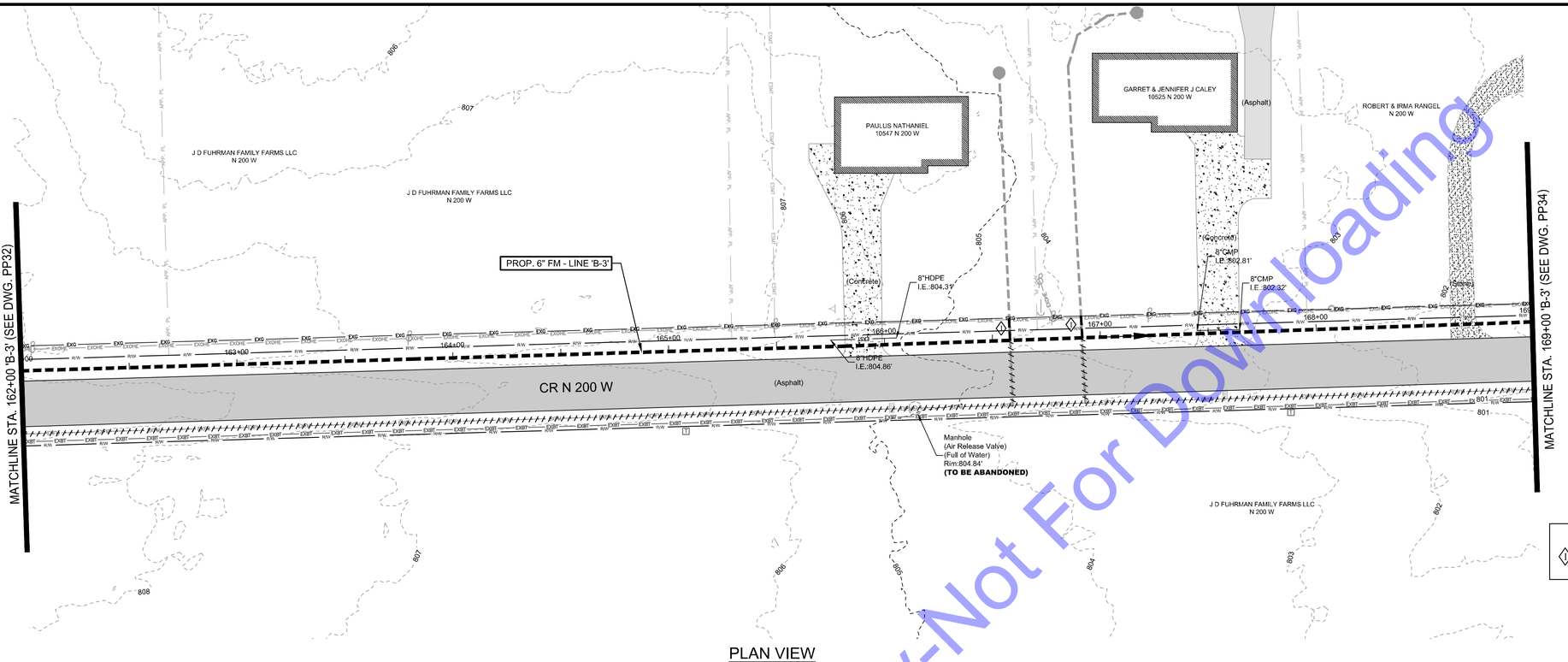

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

1. CONTRACTOR TO RECONNECT EXISTING LOW PRESSURE SANITARY SEWER LINES TO PROPOSED 6" FORCE MAIN.

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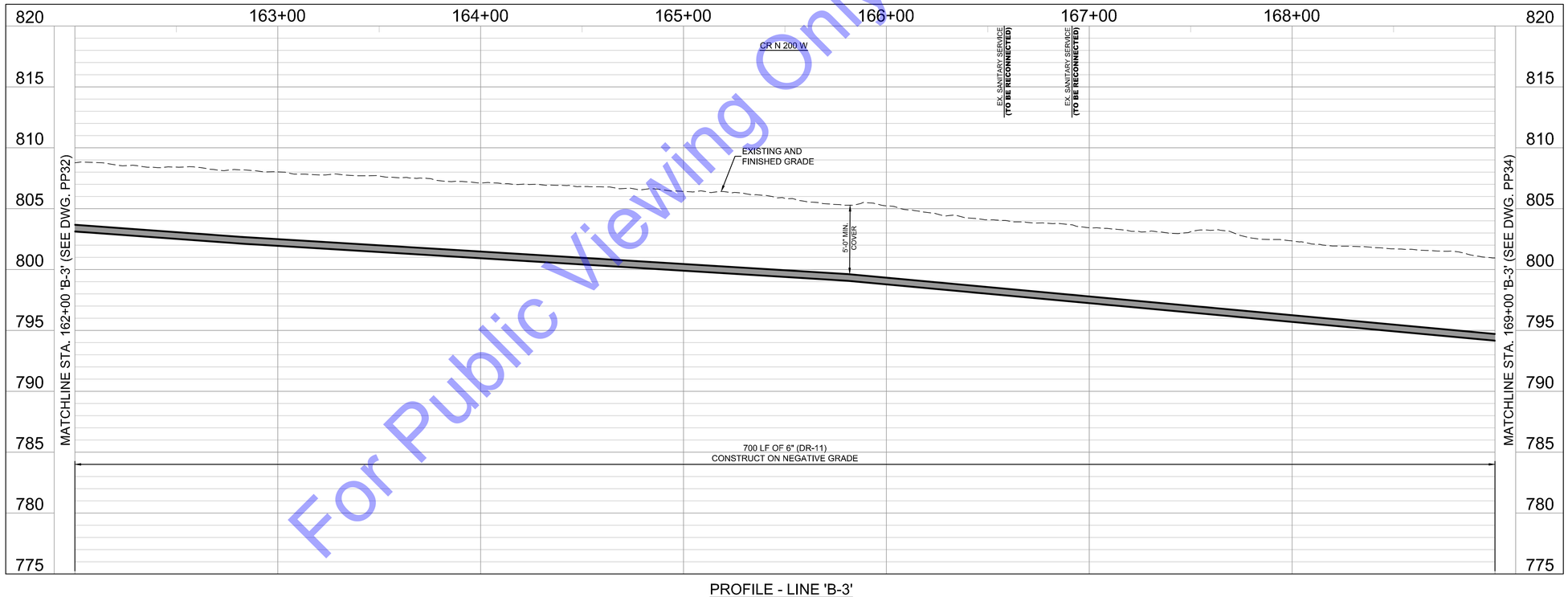

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

PLAN & PROFILE - LINE 'B-3' - STATION 162+00-169+00

Drawing No:
PP33
Sheet: 41 OF 95

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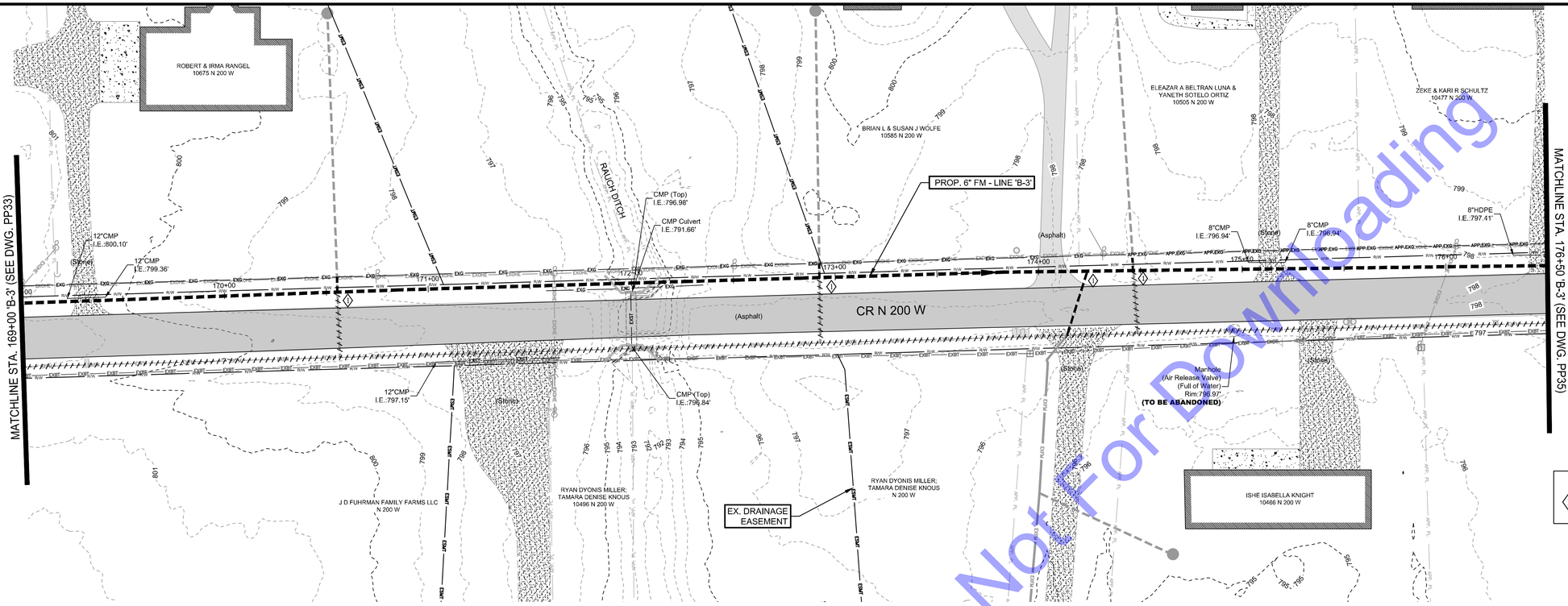


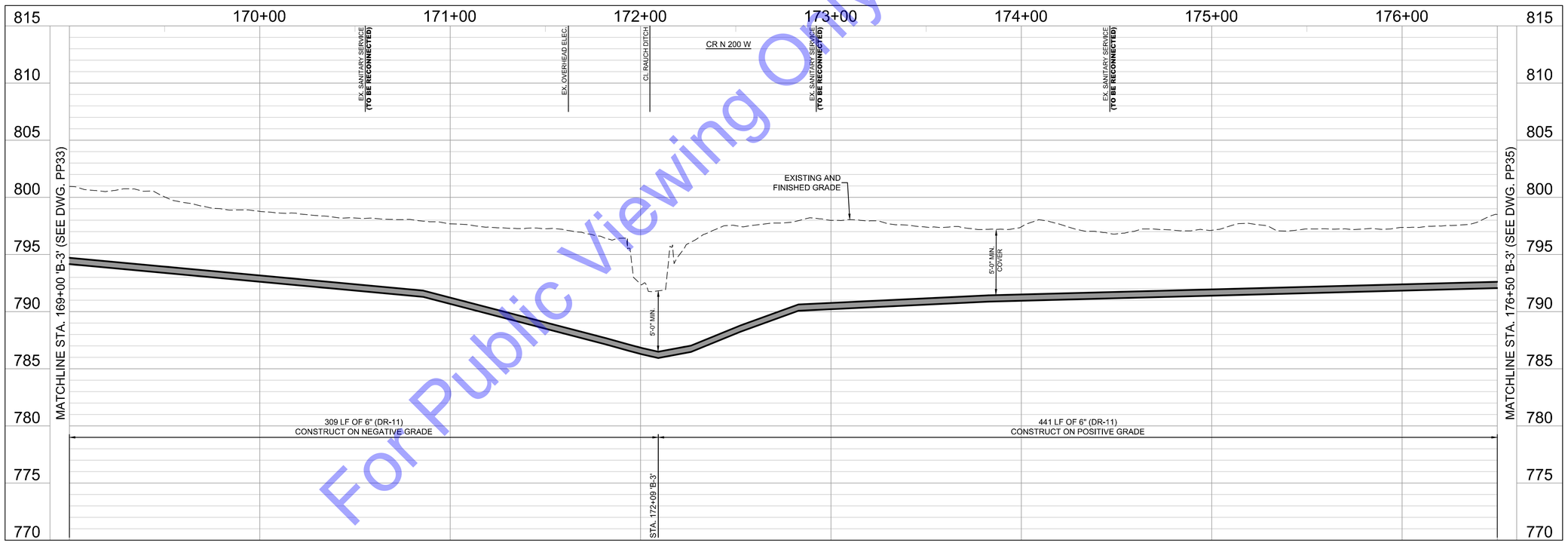
PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO RECONNECT EXISTING LOW PRESSURE SANITARY SEWER LINES TO PROPOSED 6" FORCE MAIN.

NOTE:
THE EXISTING AND PROPOSED PROFILE GRADES ARE BASED ON THE ELEVATIONS AT THE CENTERLINE OF THE PROPOSED SEWER.



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B-3' - STATION 169+00-176+50

Drawing No:
PP34
Sheet: 42 OF 95

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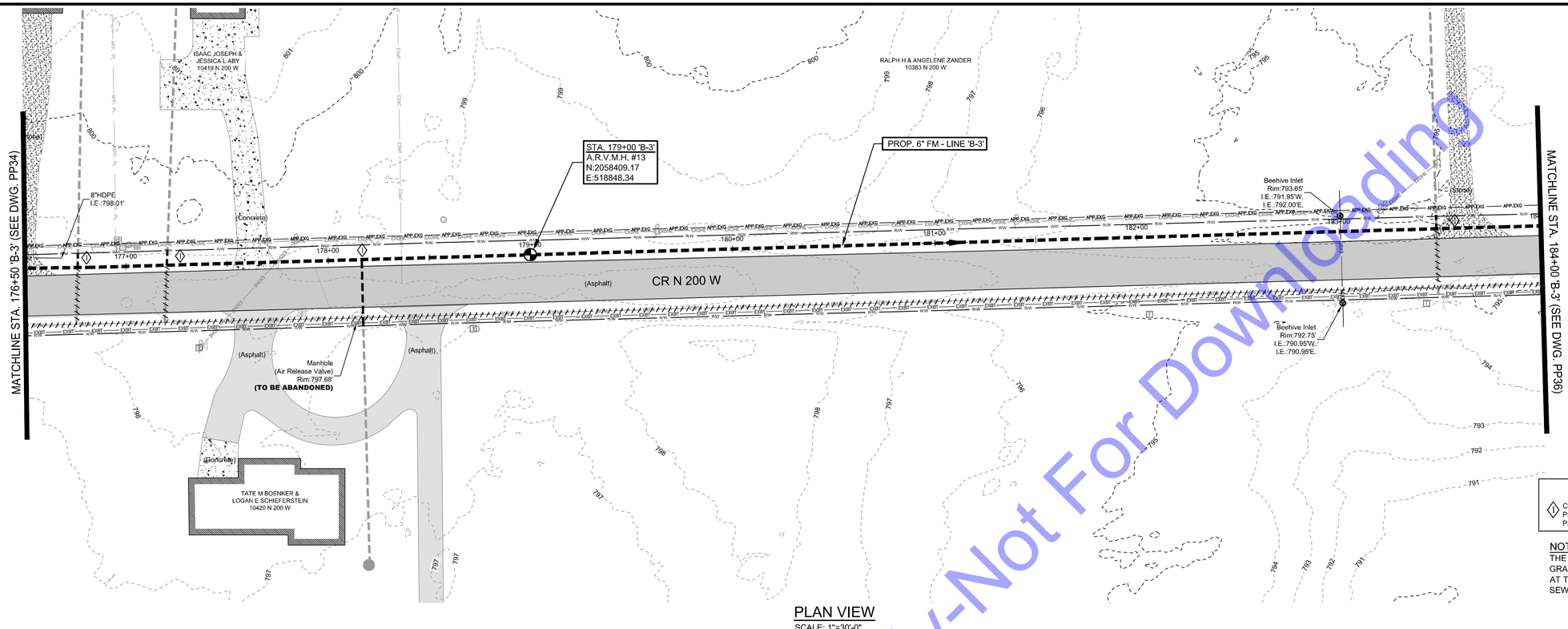
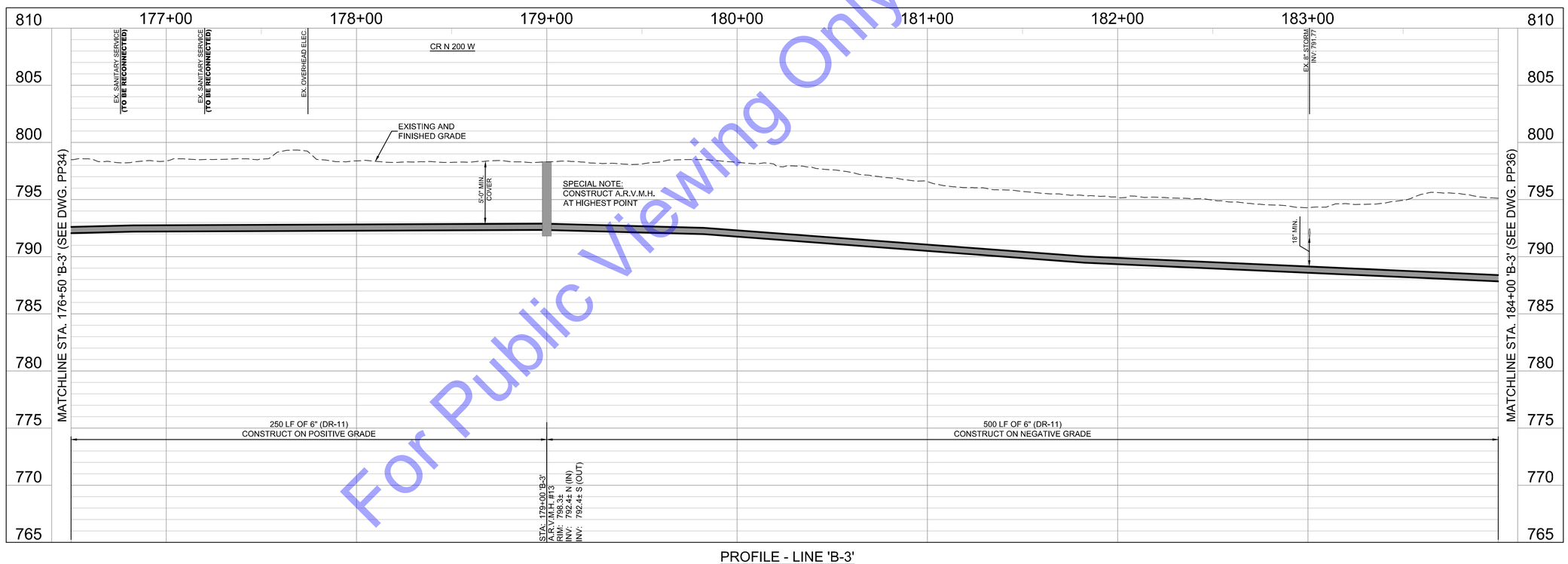


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

CODED NOTES

◇1 CONTRACTOR TO RECONNECT EXISTING LOW PRESSURE SANITARY SEWER LINES TO PROPOSED 6" FORCE MAIN.

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PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B-3' - STATION 176+50-184+00

Drawing No:
PP35
Sheet: 43 OF 95

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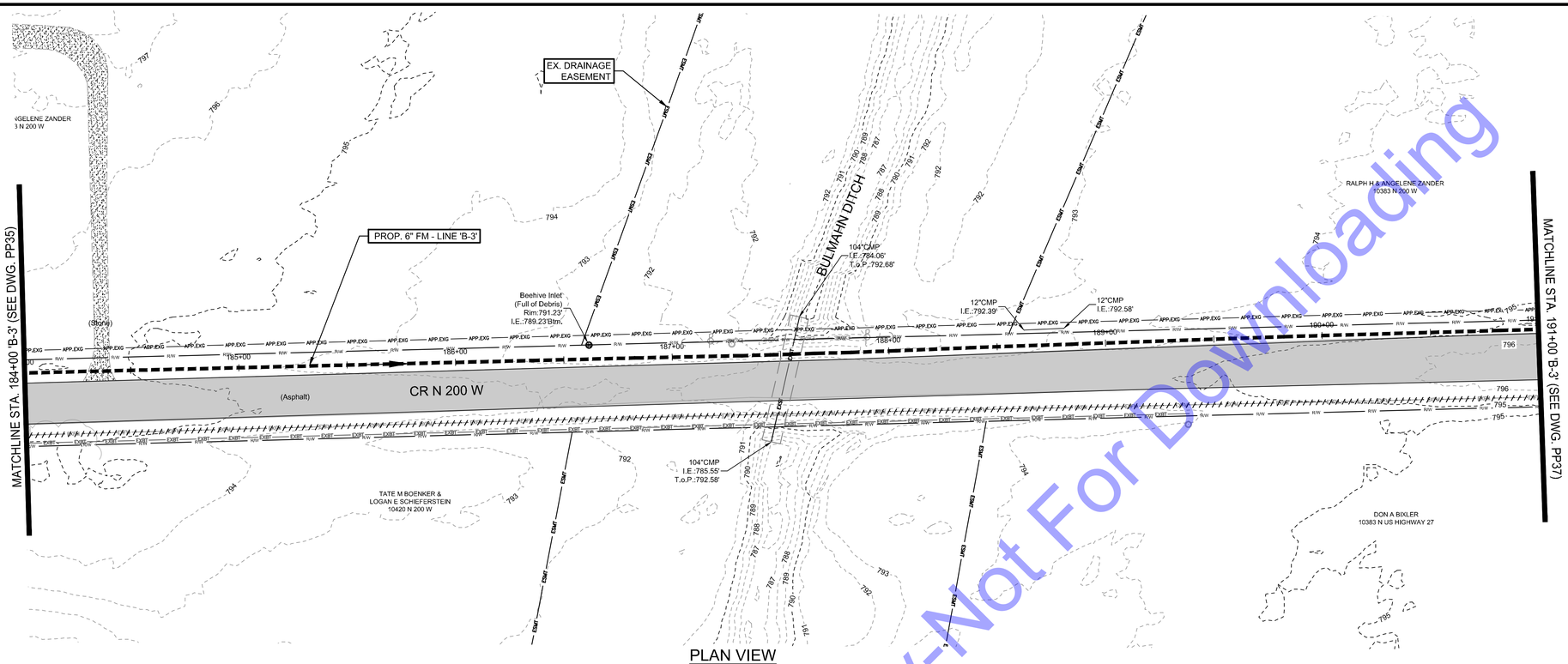

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'

30' 0 30'

NOTE:
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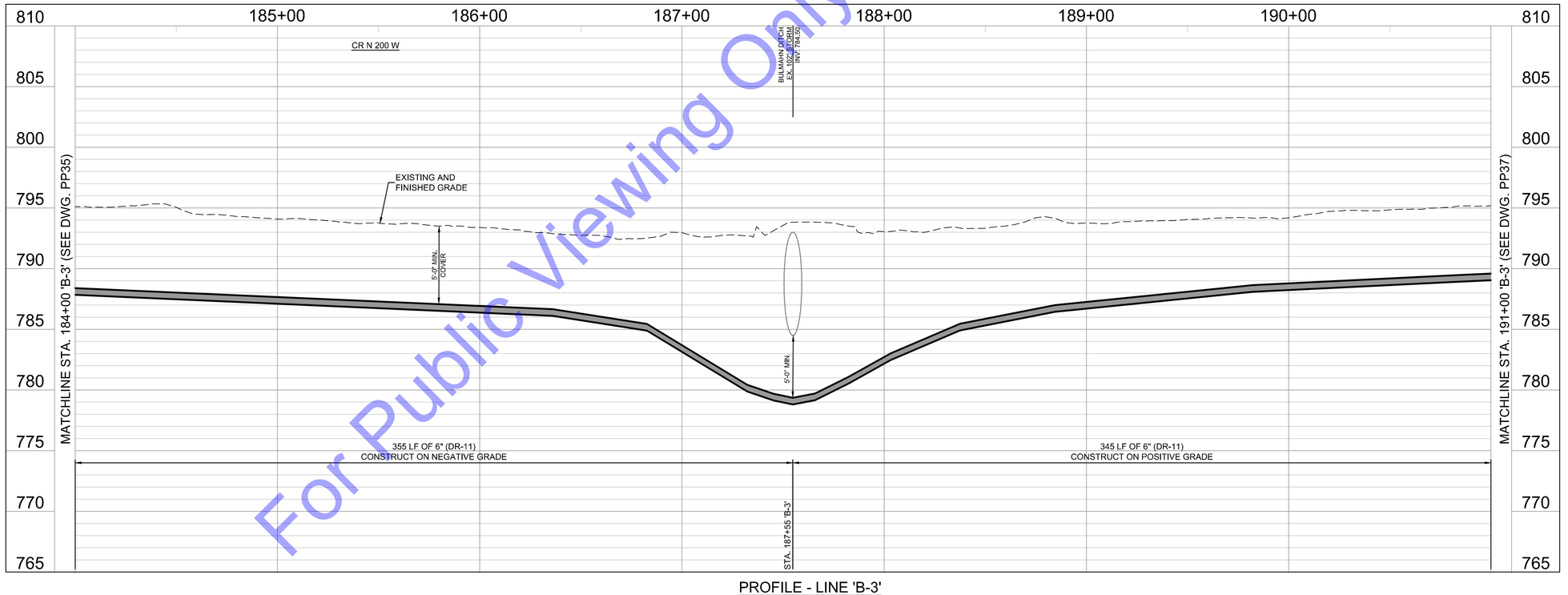

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-3' - STATION 184+00-191+00

Drawing No:
PP36
Sheet: 44 OF 95

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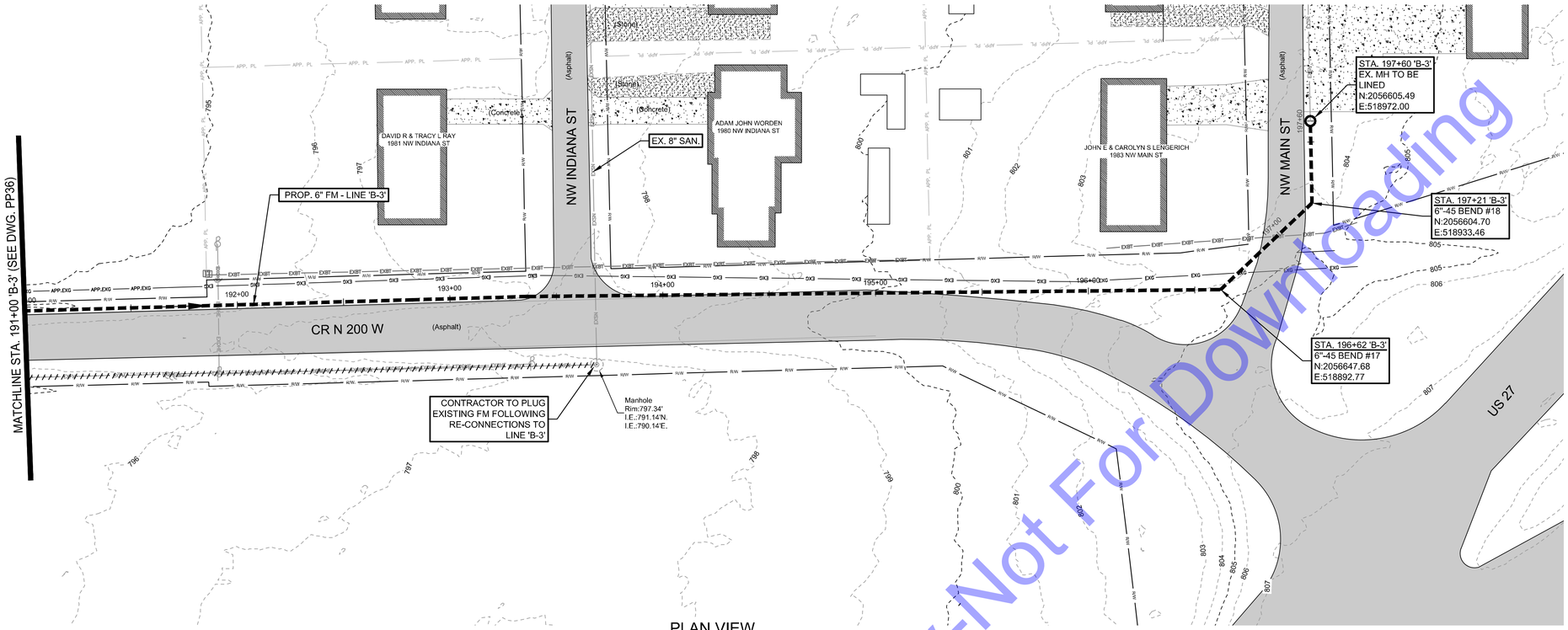

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

NOTE:
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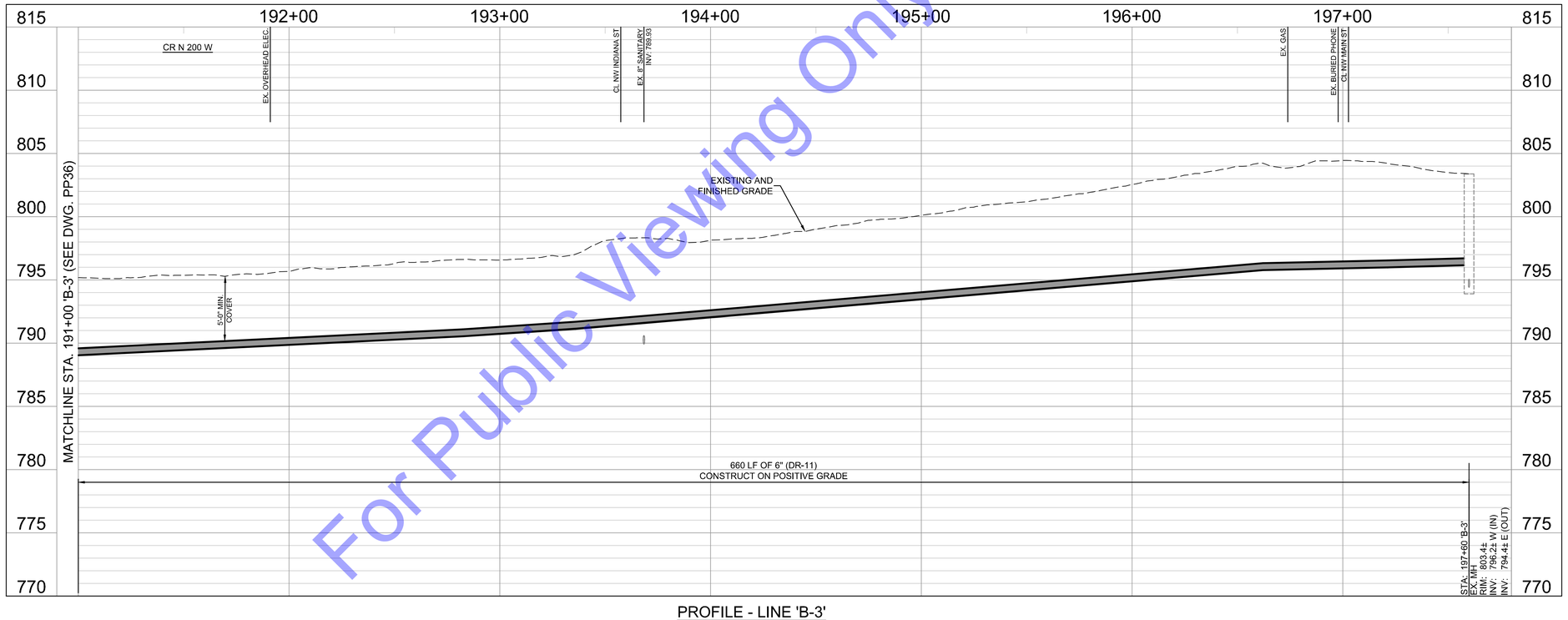

PROFILE - LINE 'B-3'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-3' - STATION 191+00-197+60

Drawing No:
PP37
Sheet: 45 OF 95

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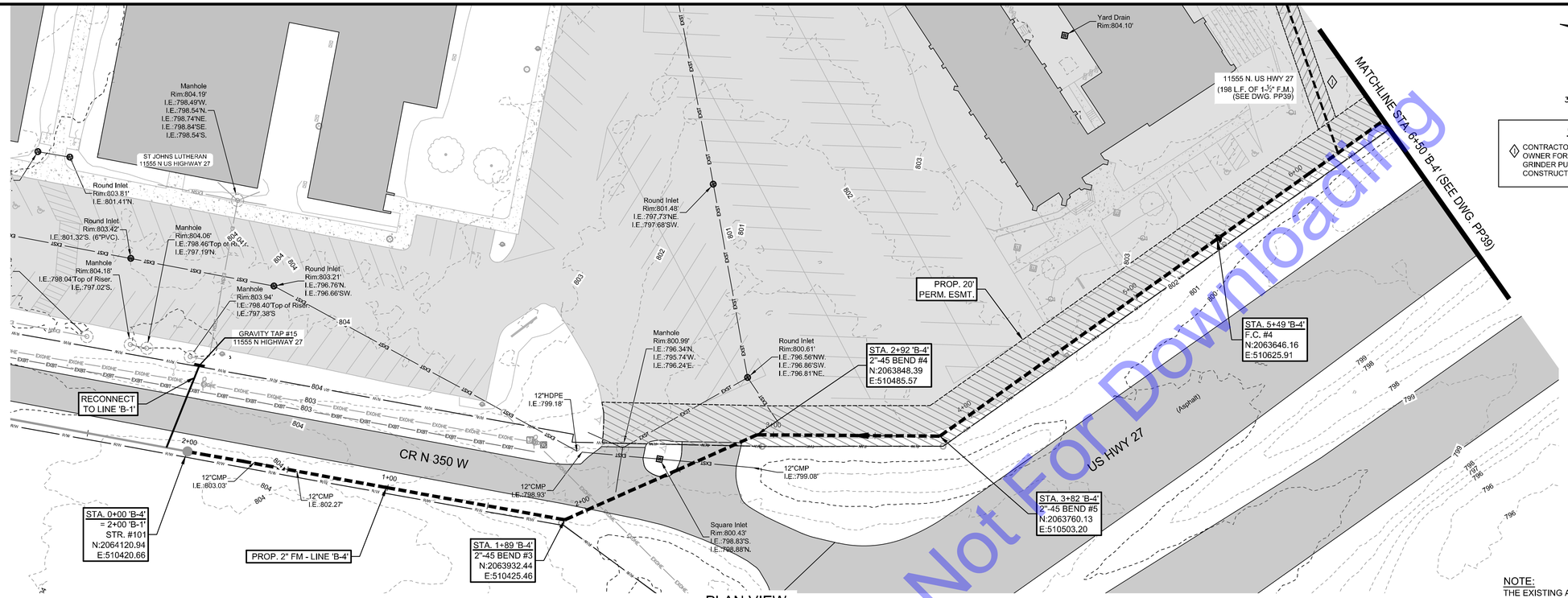

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'

30' 0 30'

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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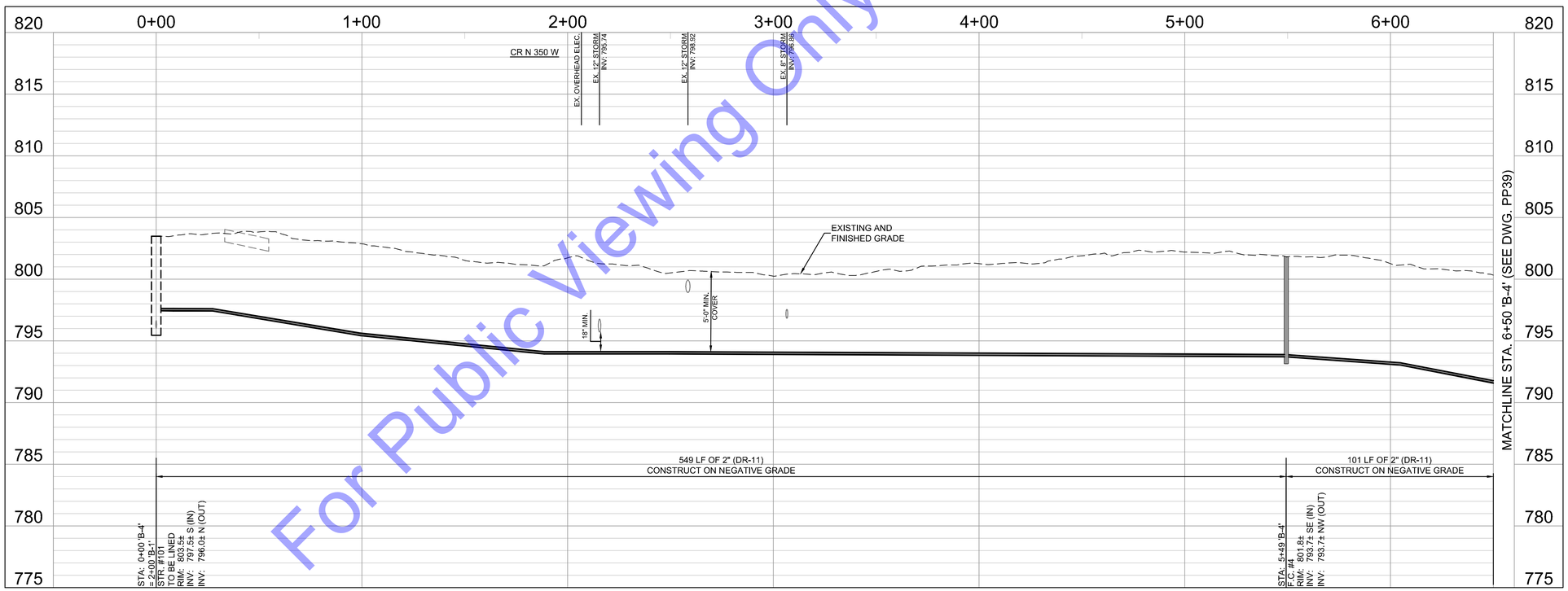

PROFILE - LINE 'B-4'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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PLAN & PROFILE - LINE 'B-4' - STATION 0+00-6+50

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PP38
Sheet: 46 OF 95

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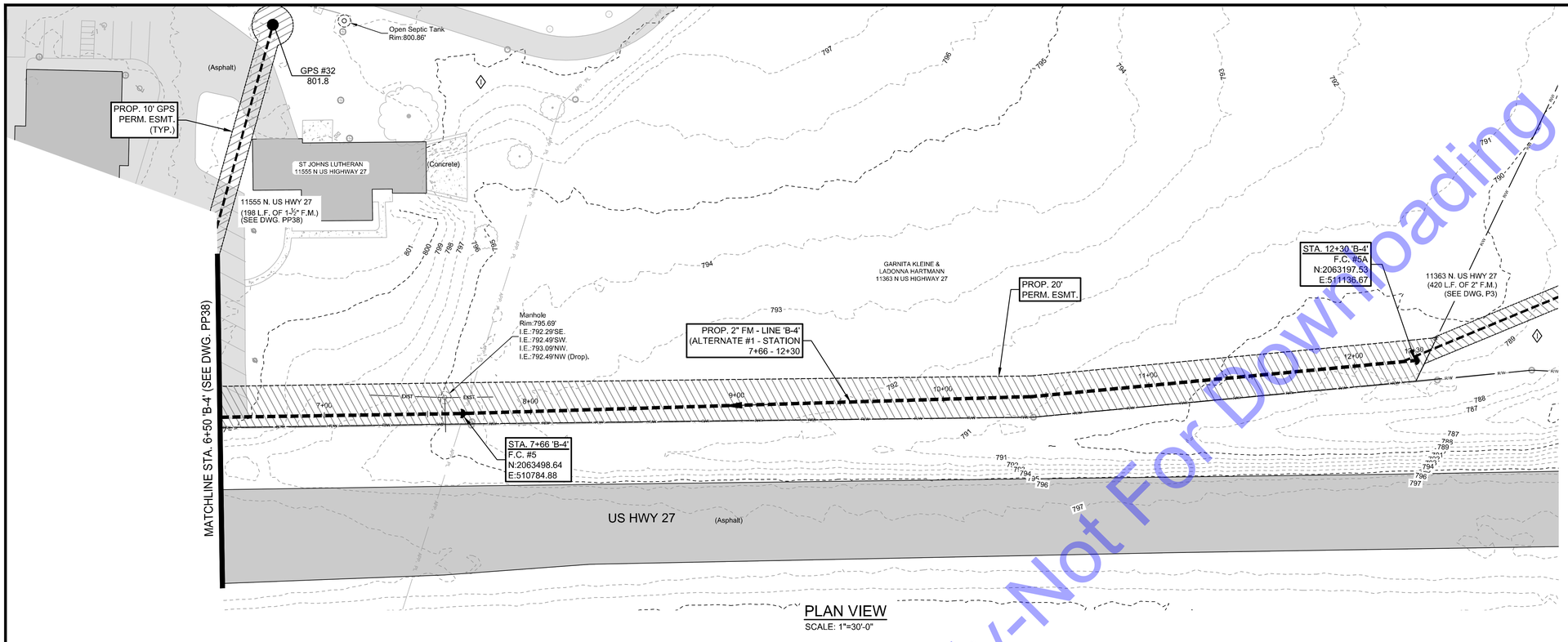
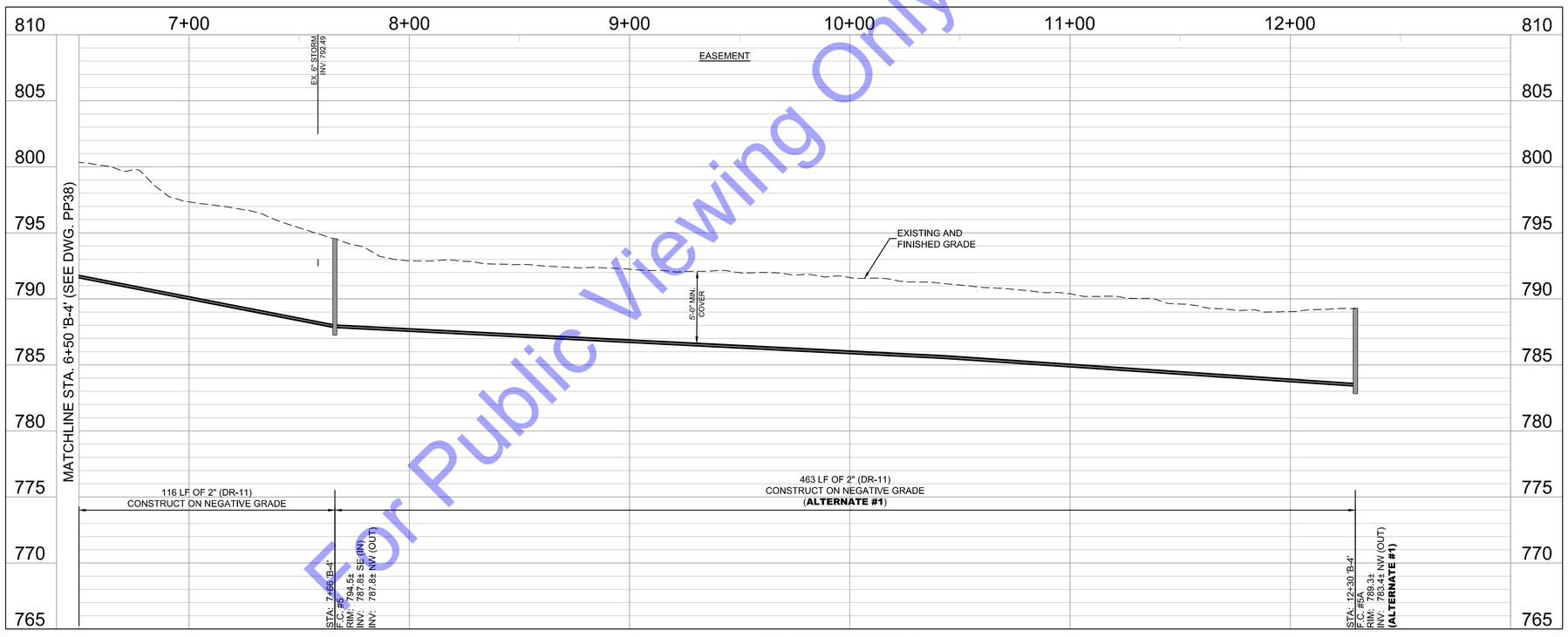


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-4'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-4' - STATION 6+50-12+30

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PP39
Sheet: 47 OF 95

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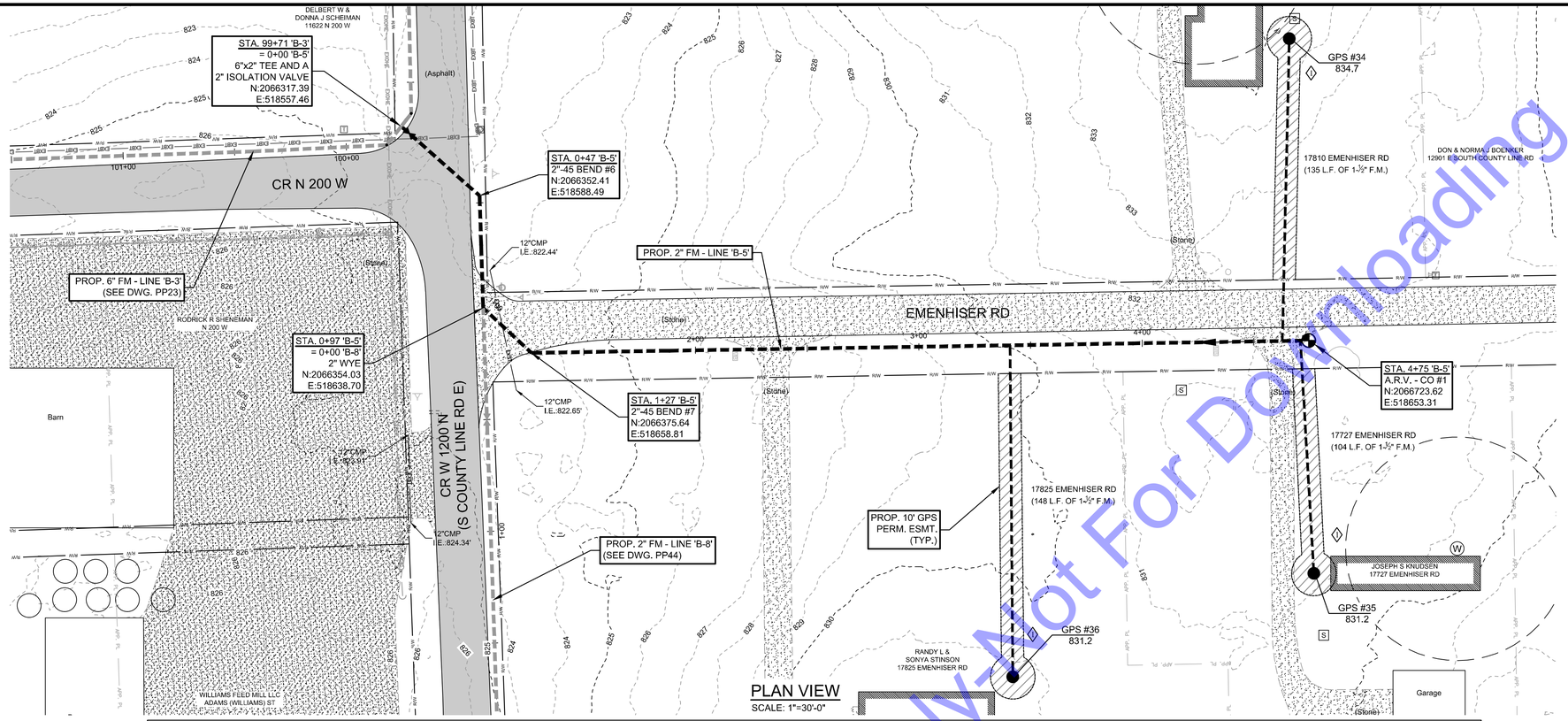

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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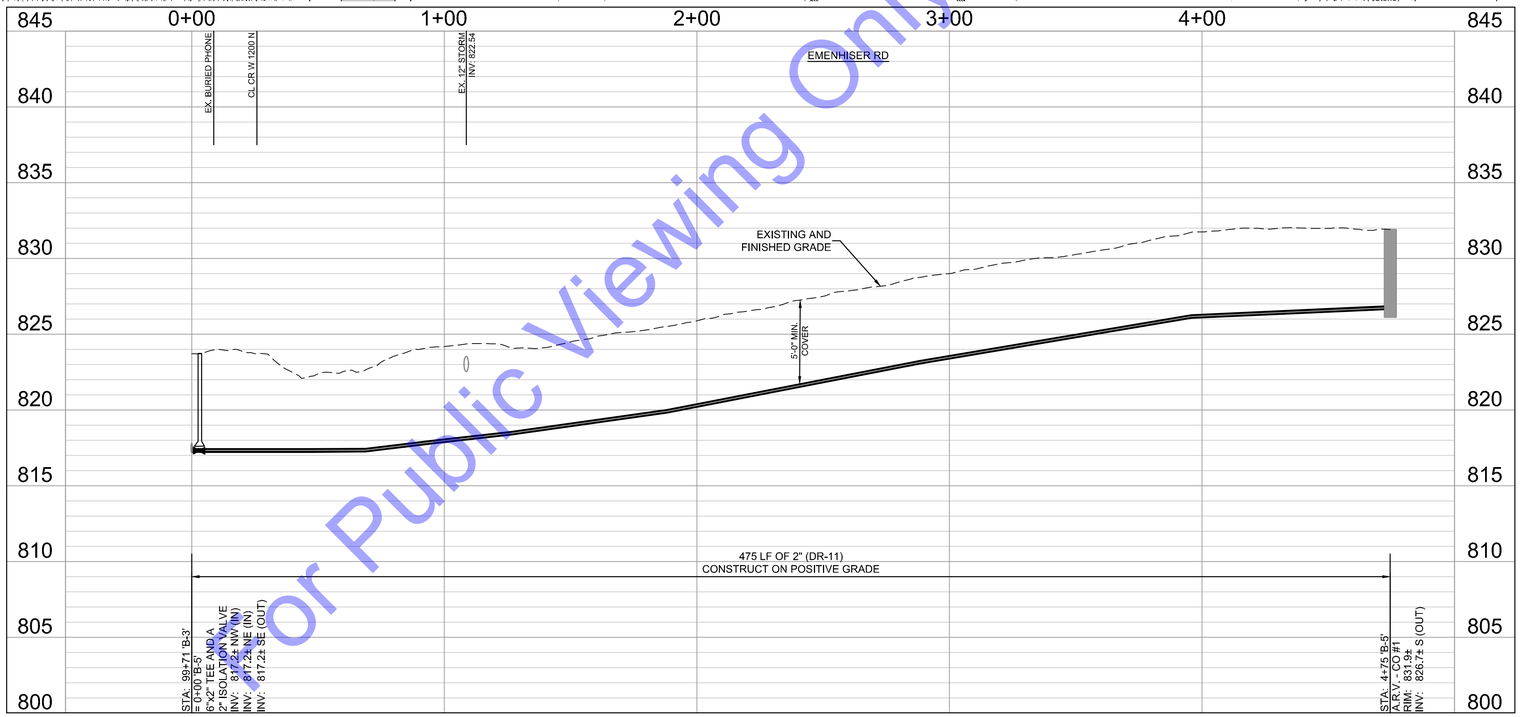

PROFILE - LINE 'B-5'
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VERTICAL SCALE: 1"=5'-0"

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2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-5' - STATION 0+00-4+75

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PP40
Sheet: 48 OF 95

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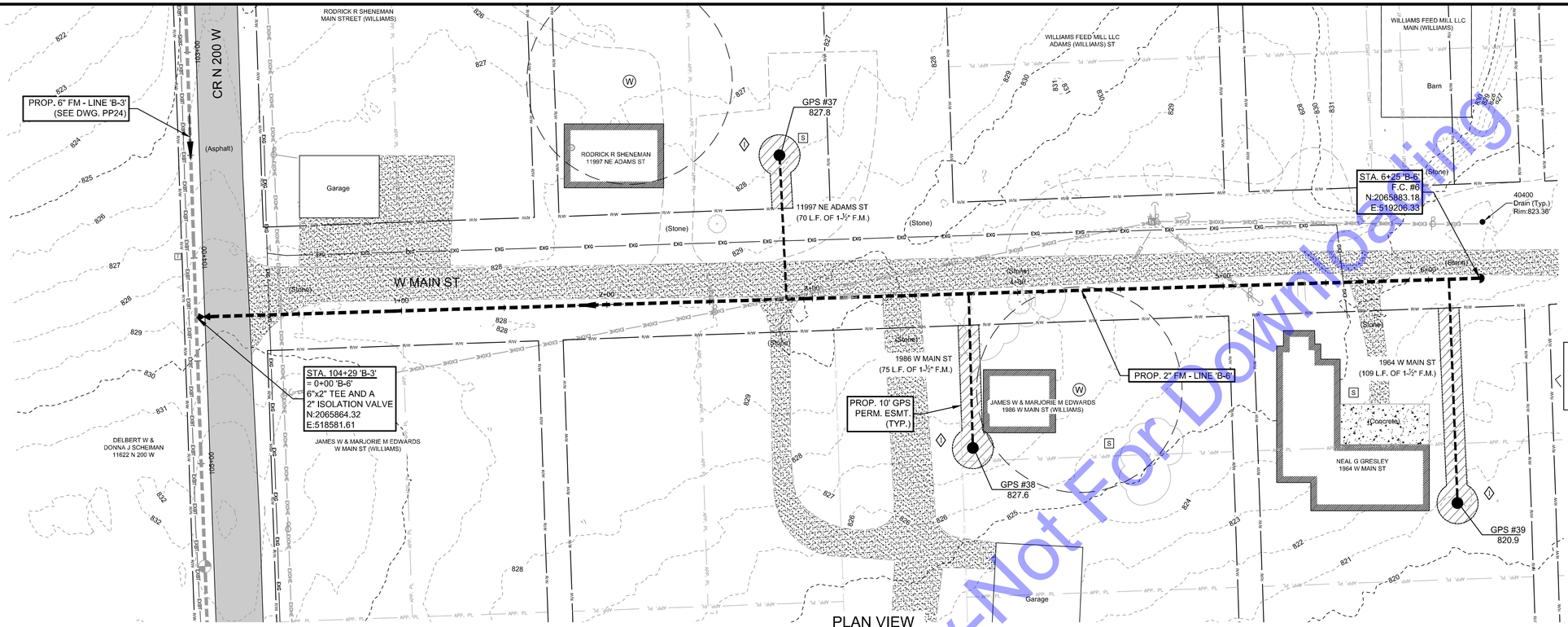

PLAN VIEW
SCALE: 1"=30'-0"

CODED NOTES

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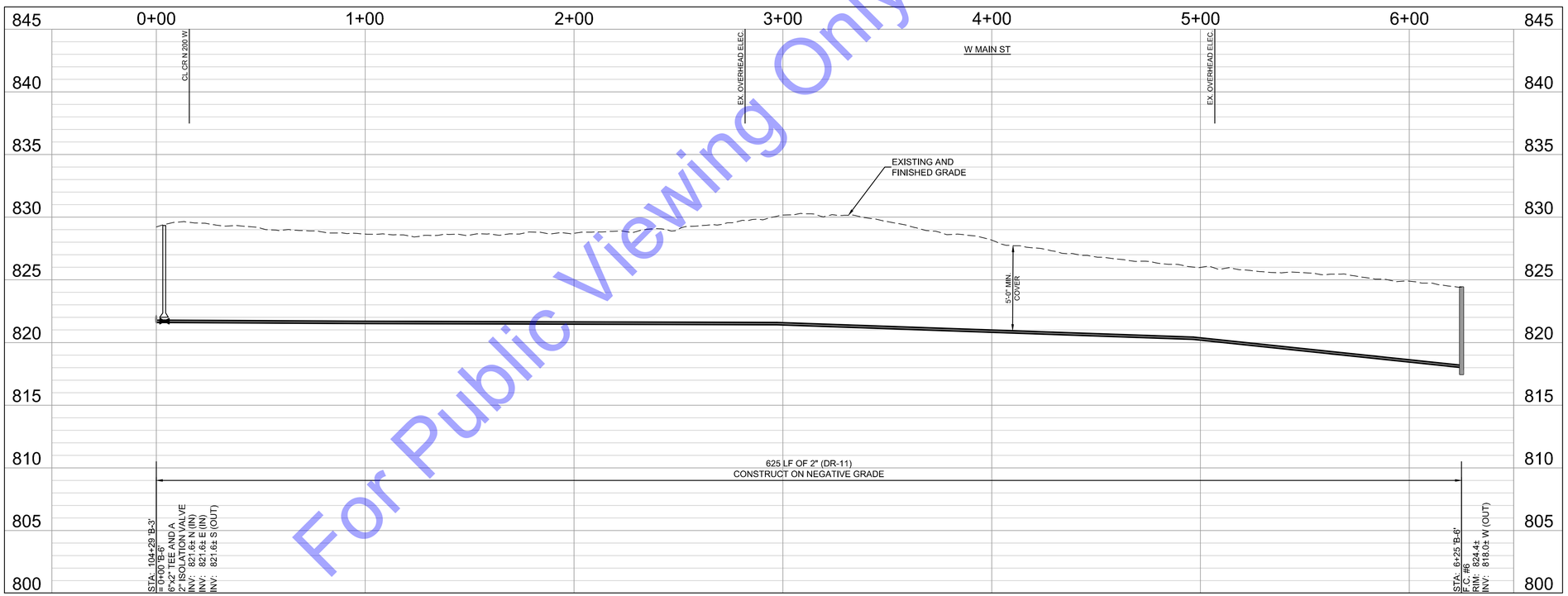

PROFILE - LINE 'B-6'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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Drawing No:
PP41
Sheet: 49 OF 95

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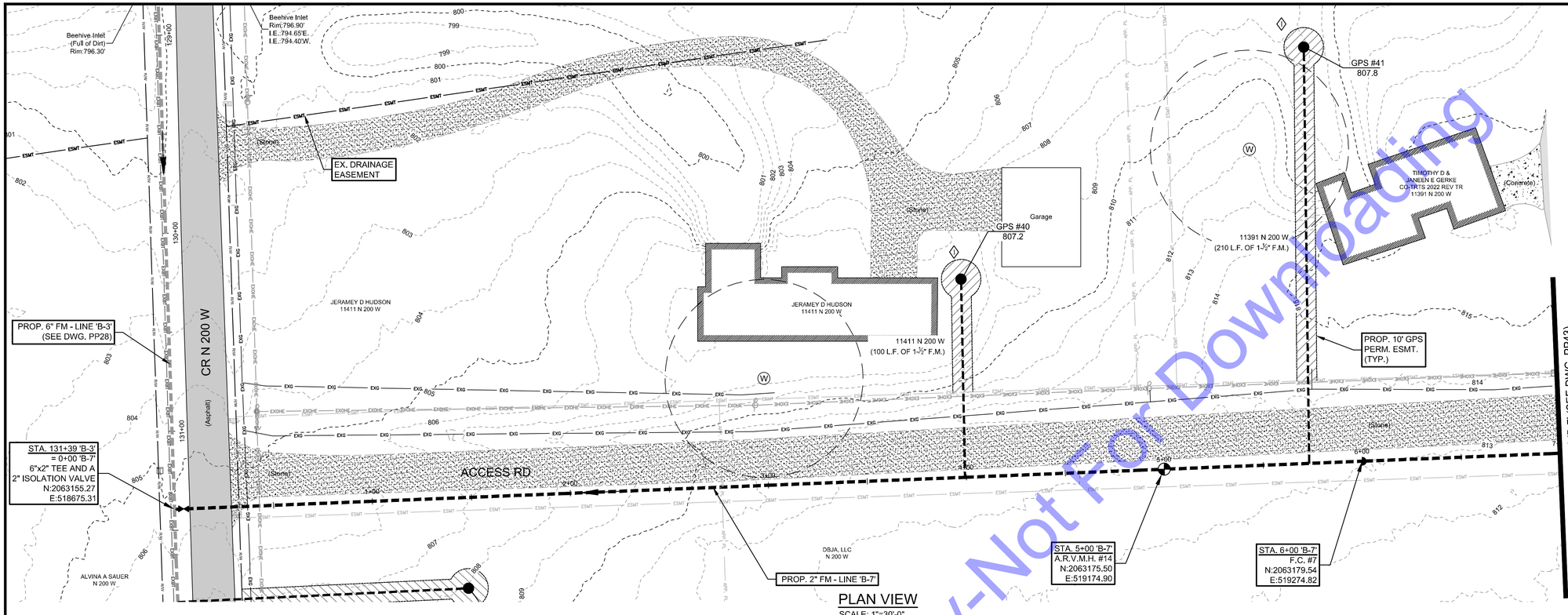

PLAN VIEW
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES
1. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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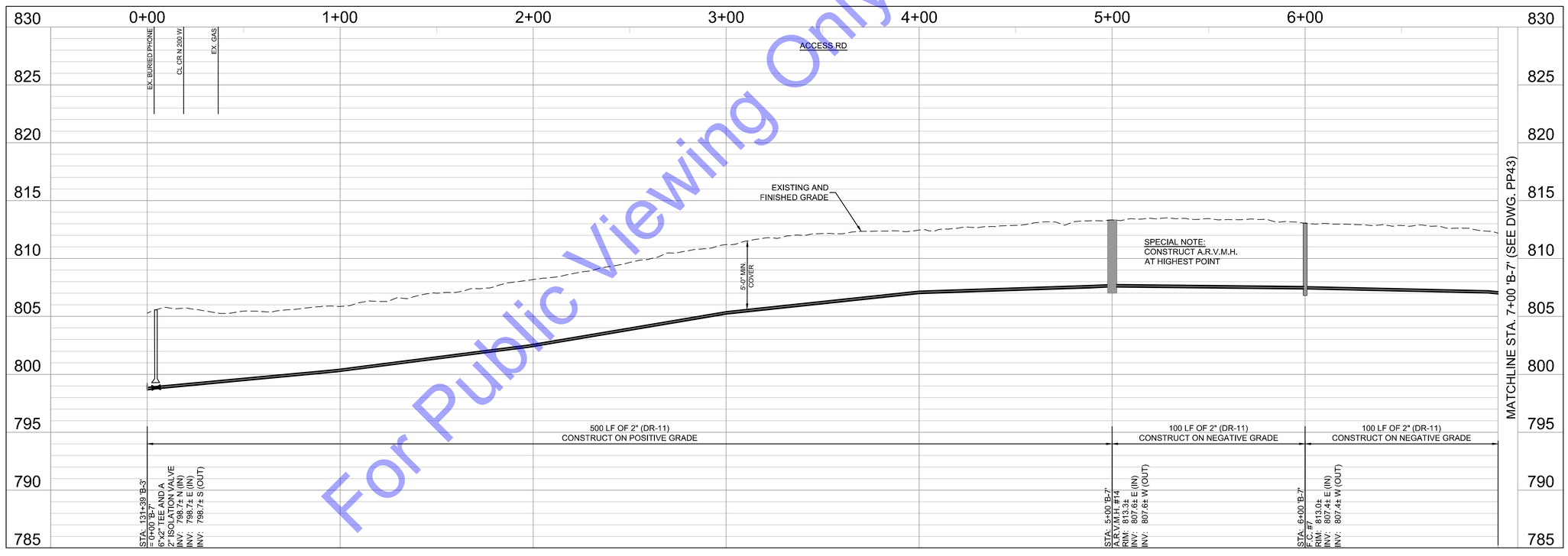

PROFILE - LINE 'B-7'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
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PLAN & PROFILE - LINE 'B-7' - STATION 0+00-7+00

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PP42
Sheet: 50 OF 95

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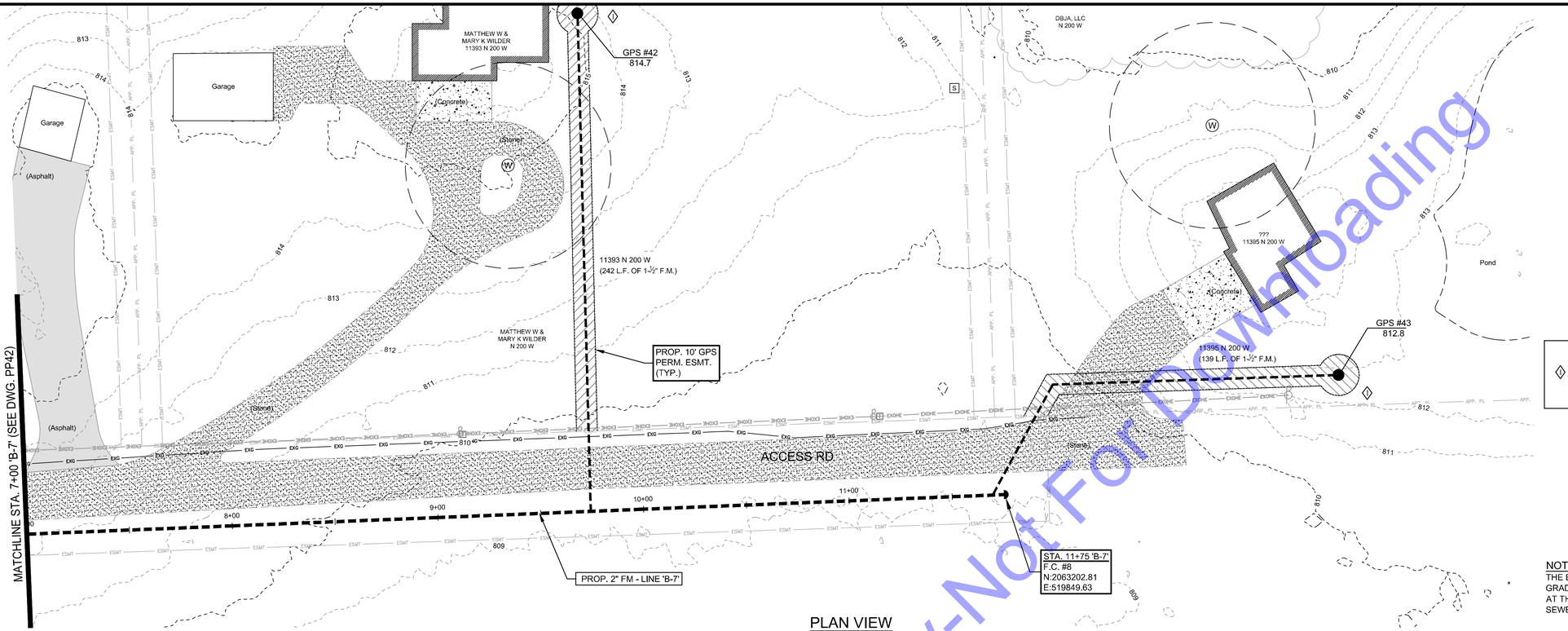
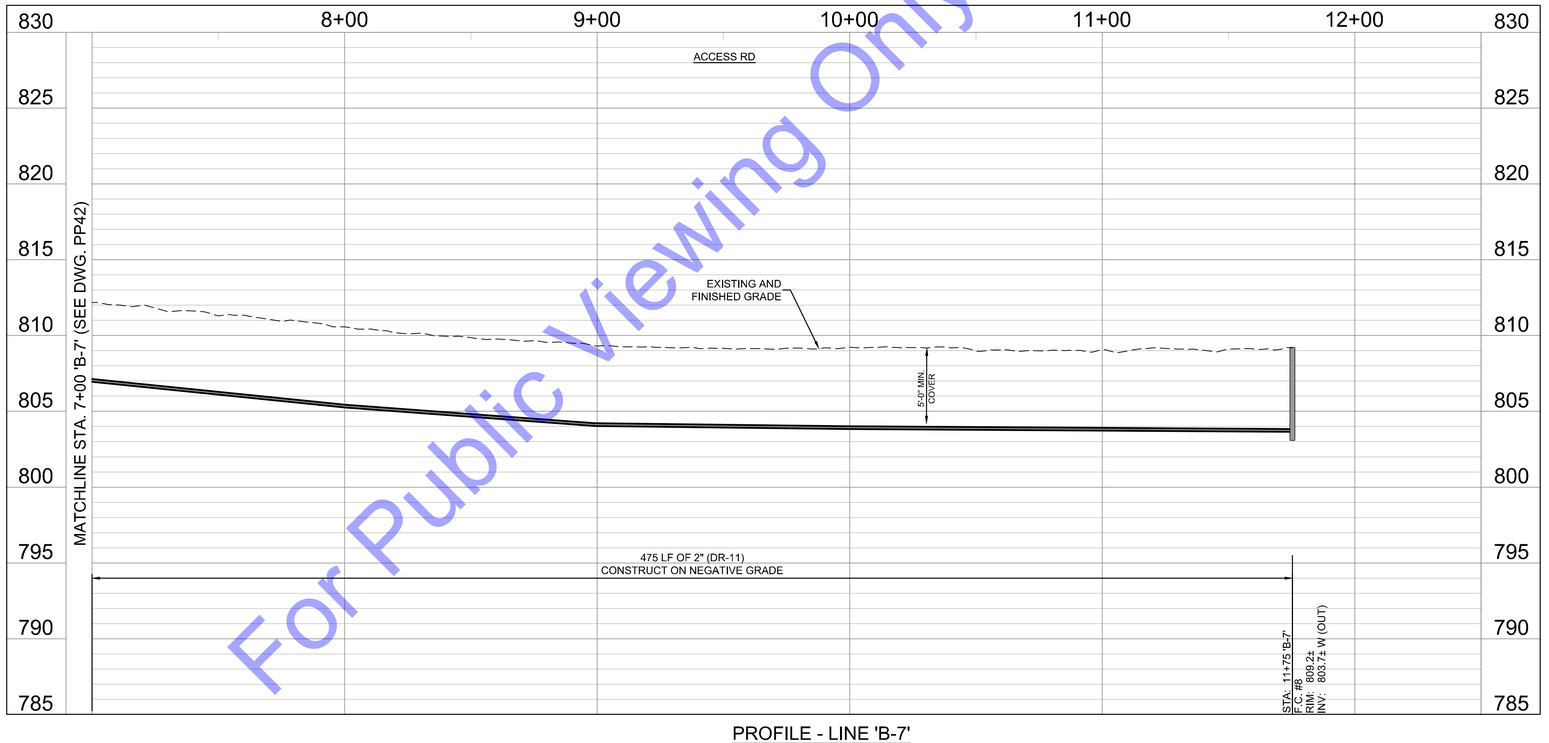


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-7'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

SCALE: 1"=30'
30' 0 30'

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

NOTE:
THE EXISTING AND PROPOSED PROFILE GRADES ARE BASED ON THE ELEVATIONS AT THE CENTERLINE OF THE PROPOSED SEWER.

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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PLAN & PROFILE - LINE 'B-7' - STATION 7+00-11+75

Drawing No:
PP43
Sheet: 51 OF 95

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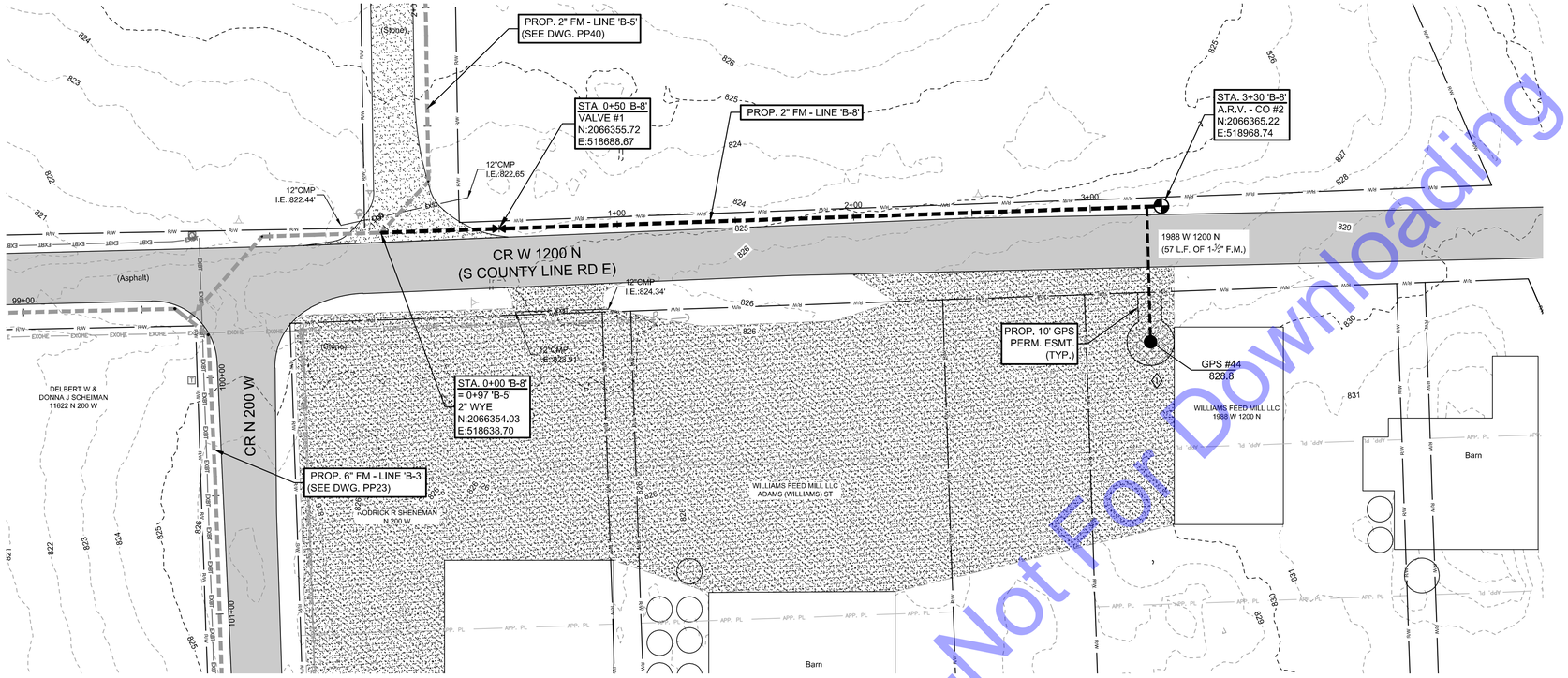
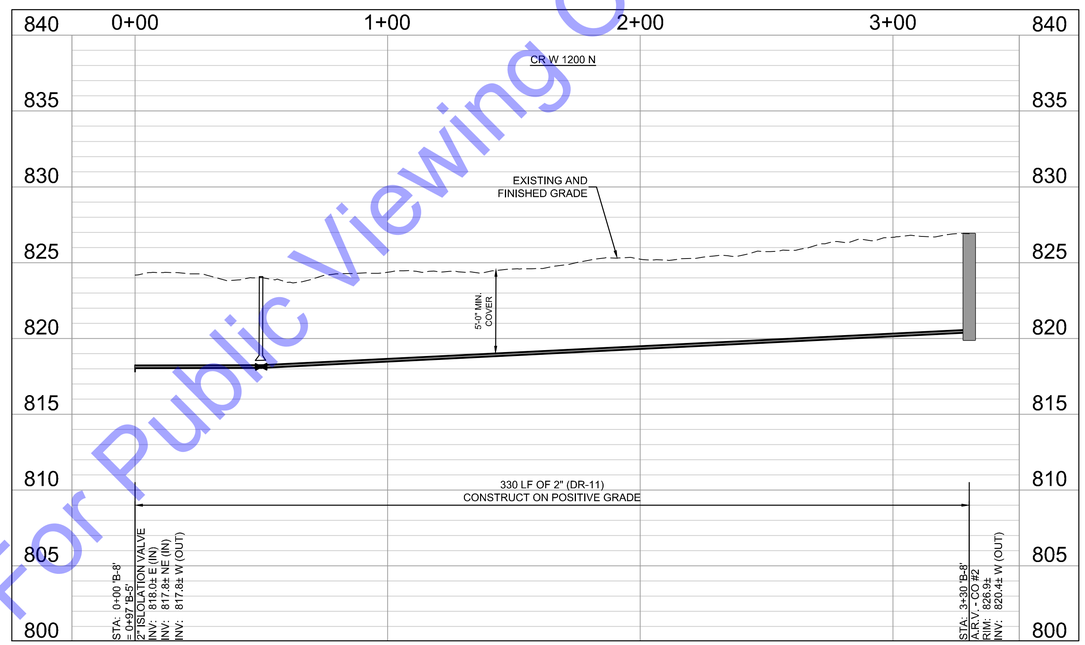


PLAN VIEW
SCALE: 1"=30'-0"



PROFILE - LINE 'B-8'
HORIZONTAL SCALE: 1"=30'-0"
VERTICAL SCALE: 1"=5'-0"

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CODED NOTES

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Signature 9/5/2025 Date

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ADAMS COUNTY, INDIANA

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PLAN & PROFILE - LINE 'B-8' - STATION 0+00-3+30

Drawing No:
PP44
Sheet: 52 OF 95

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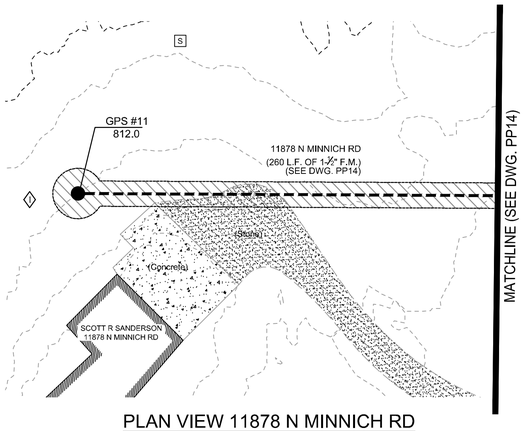
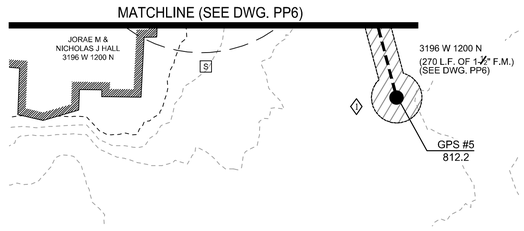


PLAN VIEW 11878 N MINNICH RD

SCALE: 1"=30'-0"



PLAN VIEW 3196 W 1200 N

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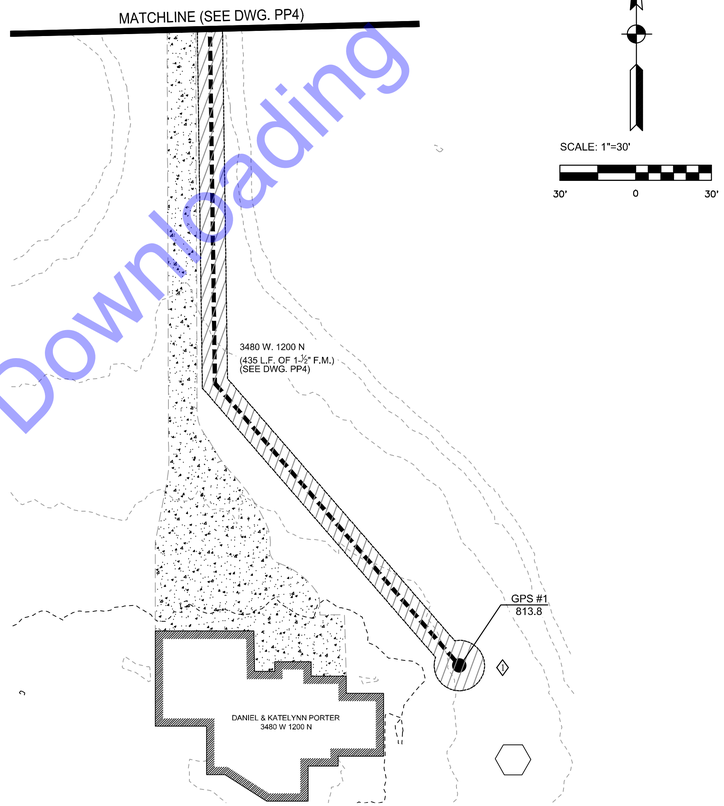
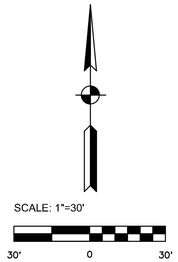
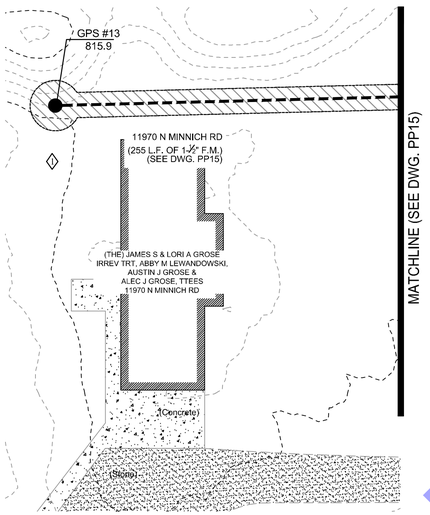


PLAN VIEW 3480 W 1200 N

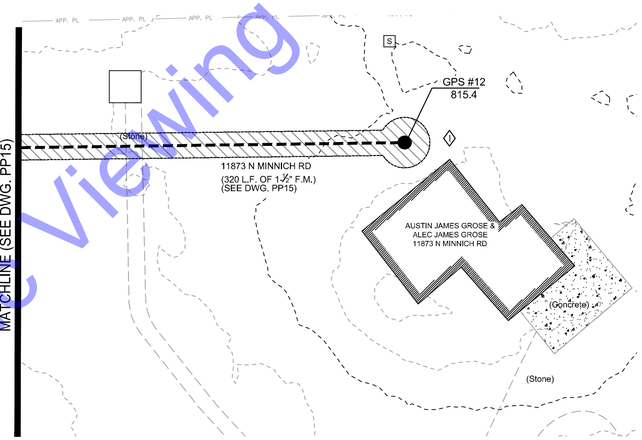
SCALE: 1"=30'-0"





PLAN VIEW 11970 N MINNICH RD

SCALE: 1"=30'-0"



PLAN VIEW 11873 N MINNICH RD

SCALE: 1"=30'-0"

CODED NOTES

◊1 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE FINAL LOCATION OF THE NEW GRINDER PUMP STATION PRIOR TO CONSTRUCTION OF SERVICE LINE.

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Signature 9/5/2025 Date

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ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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GRINDER PUMP STATION LOCATIONS

Drawing No: P1

Sheet: 53 OF 95

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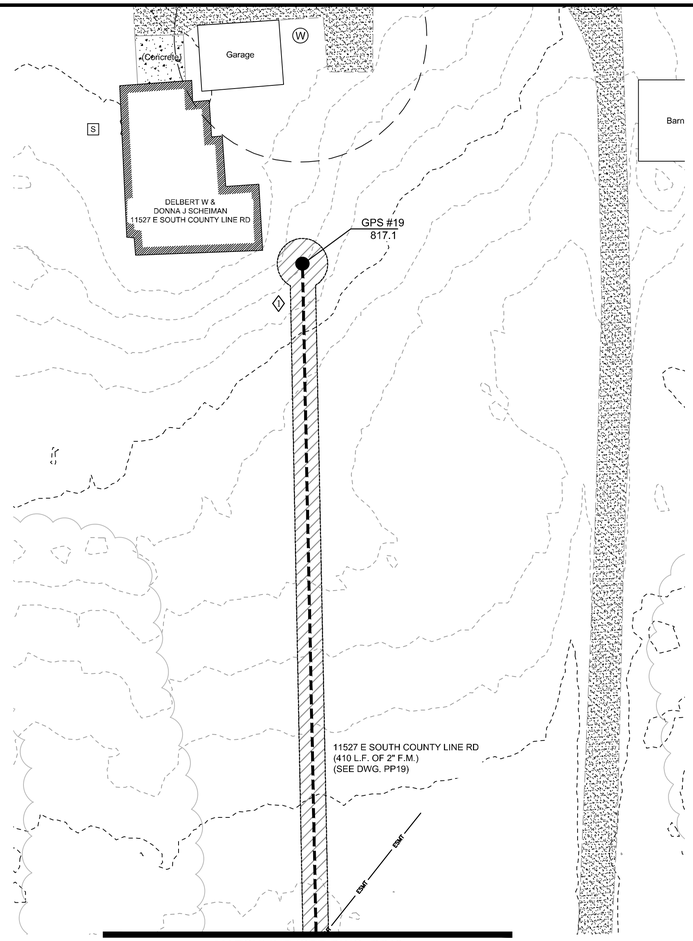
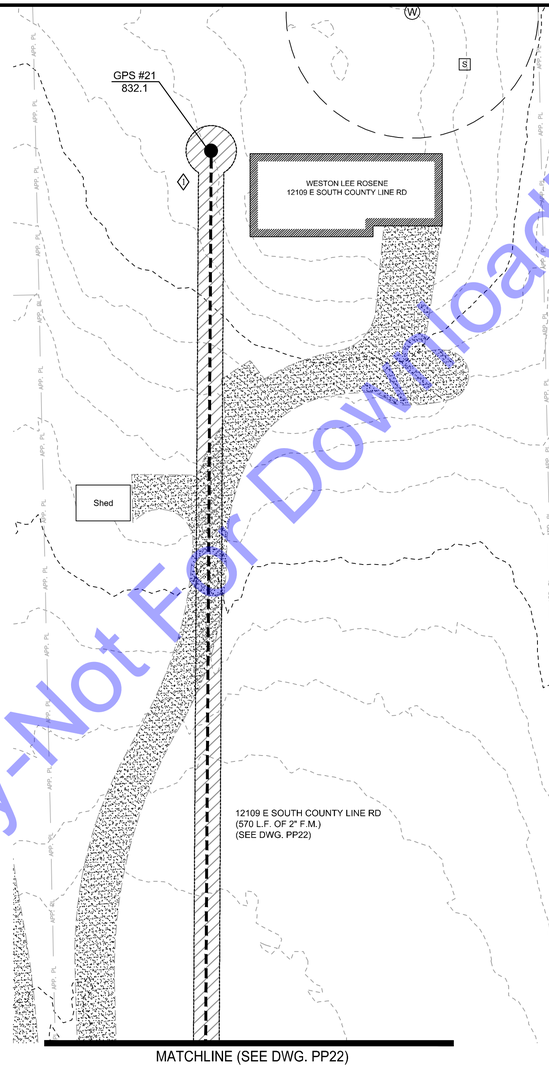


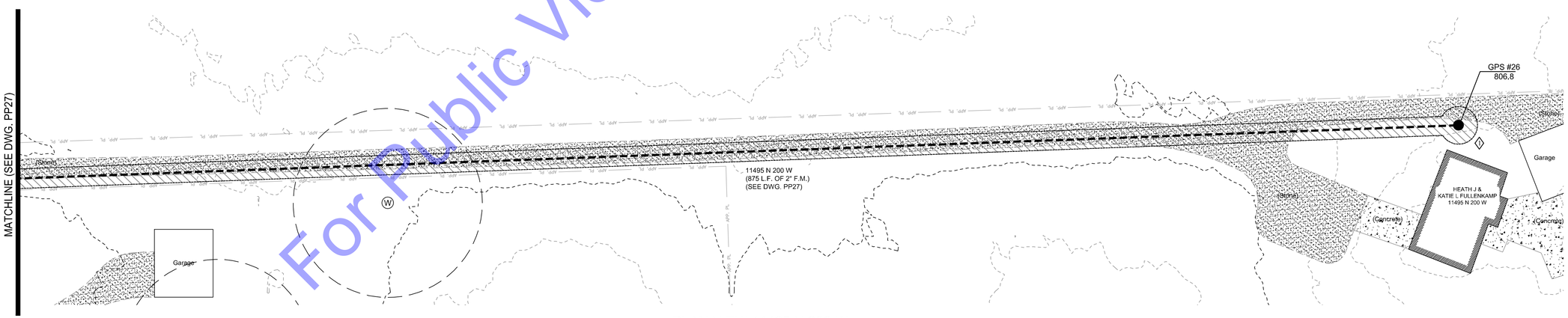
PLAN VIEW 11527 E SOUTH COUNTY LINE RD

SCALE: 1"=30'-0"



PLAN VIEW 12109 E SOUTH COUNTY LINE RD

SCALE: 1"=30'-0"



PLAN VIEW 11495 N 200 W

SCALE: 1"=30'-0"

SCALE: 1"=30'

30' 0 30'

CODED NOTES

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Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
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GRINDER PUMP STATION LOCATIONS

Drawing No: P2

Sheet: 54 OF 95

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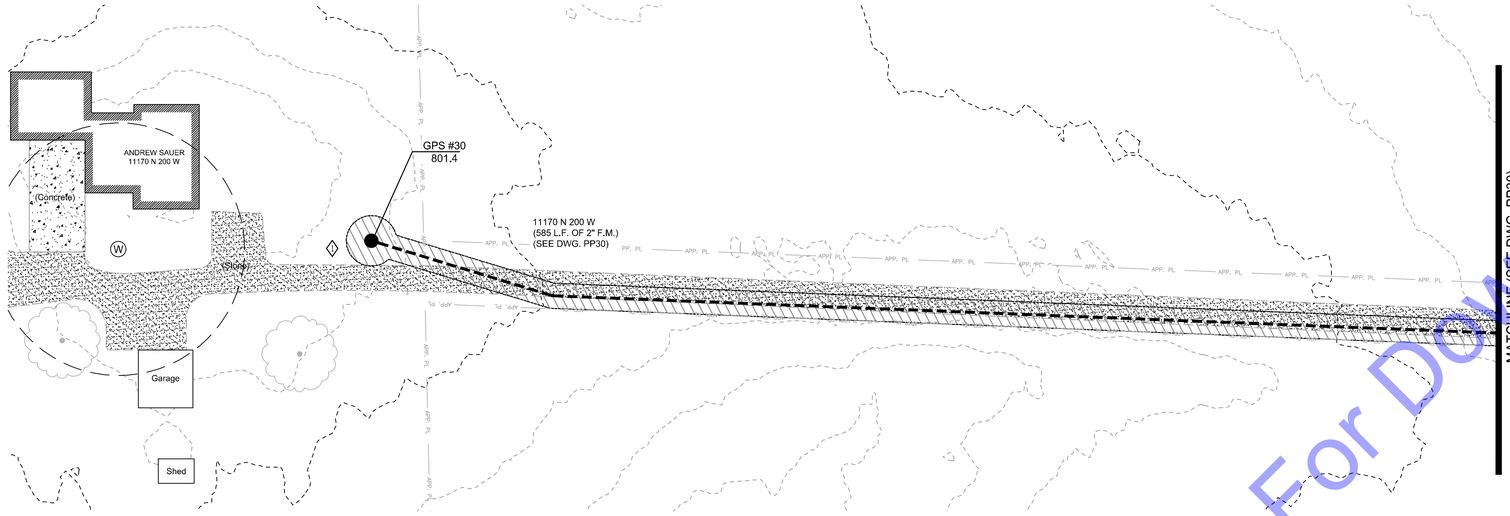
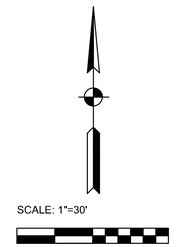


PLAN VIEW 11170 N 200 W

SCALE: 1"=30'-0"



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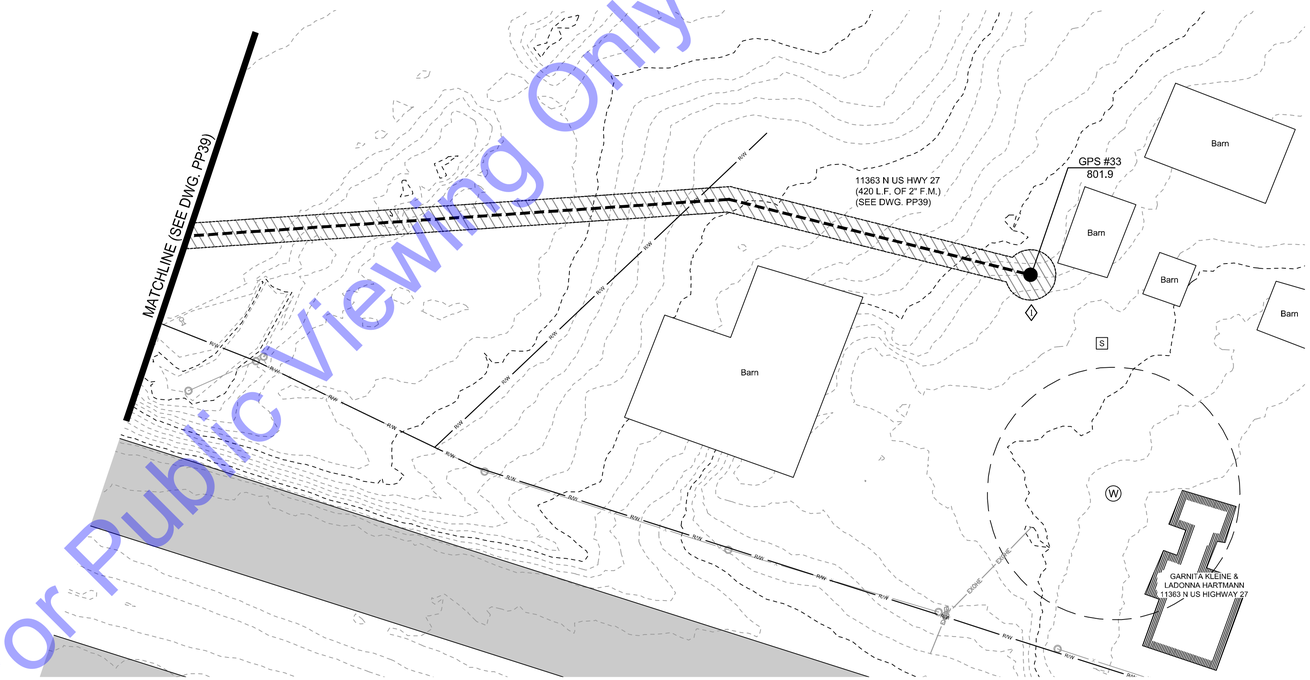

PLAN VIEW 11363 N US HWY 27 **(ALTERNATE #1)**

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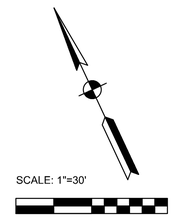

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BENJAMIN H. ADAMS
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ADAMS COUNTY, INDIANA

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GRINDER PUMP STATION LOCATIONS

Drawing No: P3

Sheet: 55 OF 95

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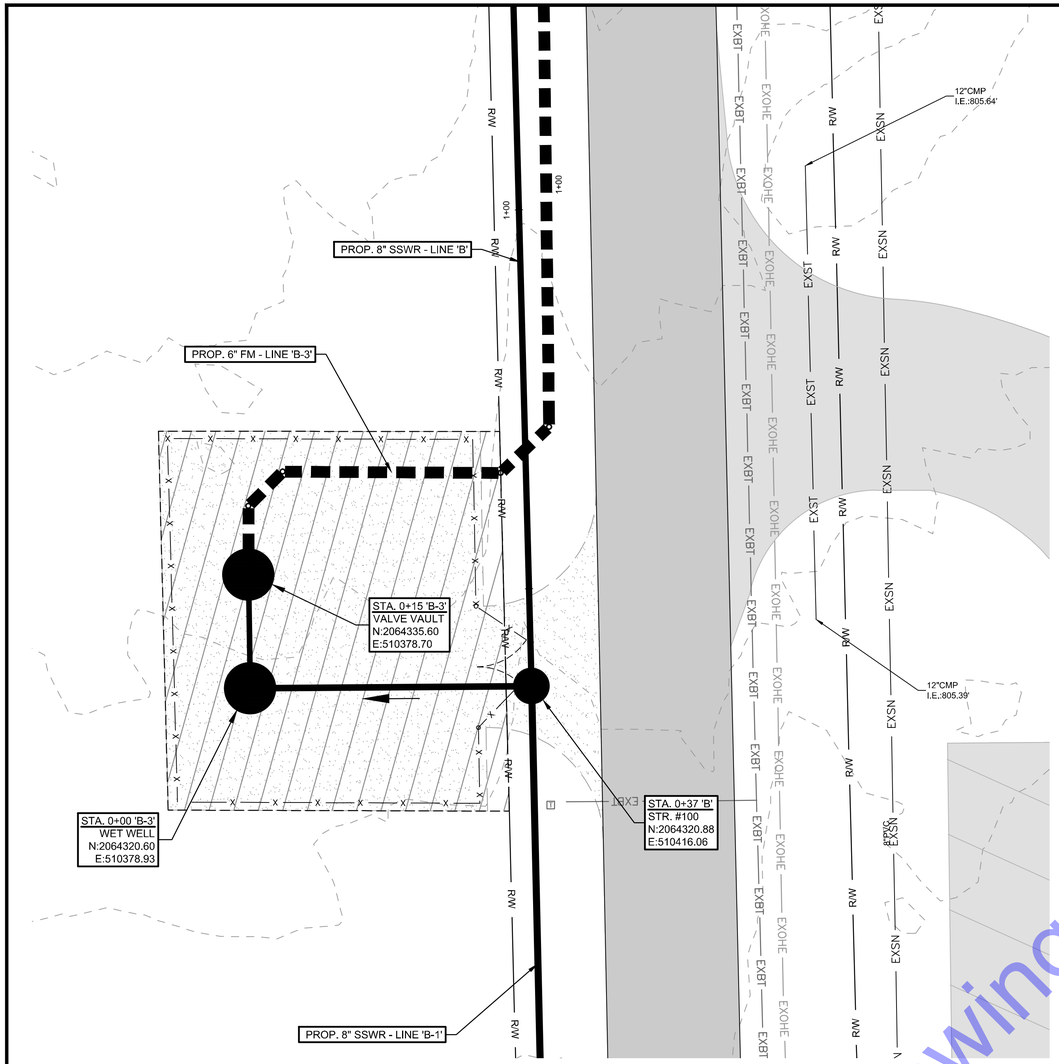
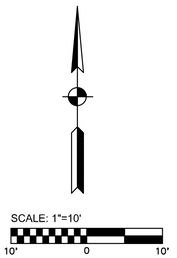
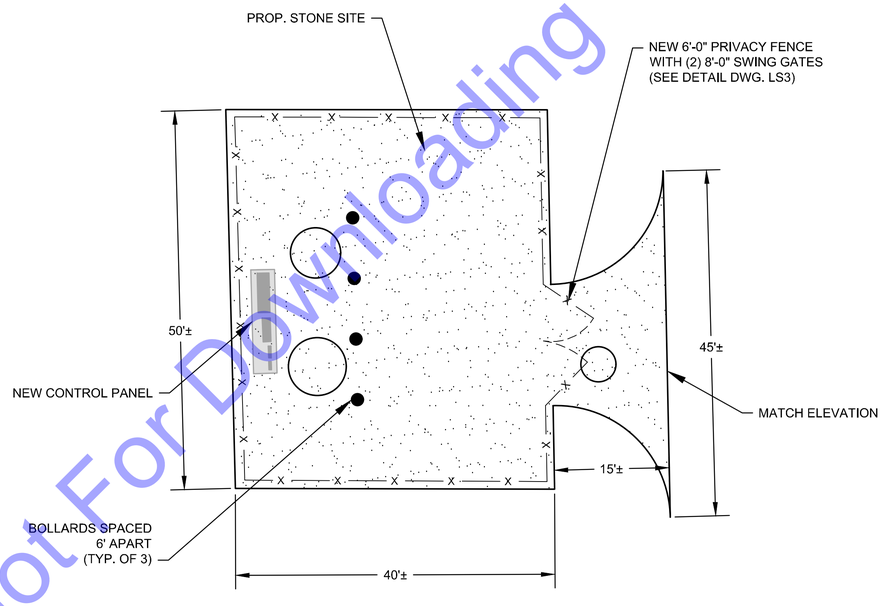


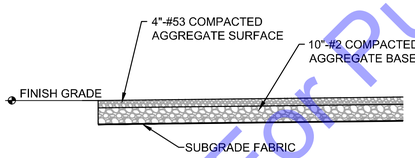
SITE PLAN
SCALE: 1"=10'-0"



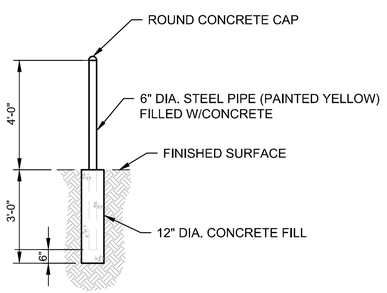
NOTE:
FLOODWAY ELEVATION AT LIFT STATION SITE IS 780.00±



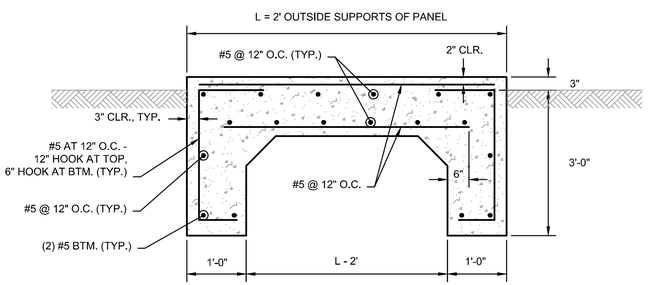
STONE SITE PLAN
AND BOLLARD LAYOUT
SCALE: NONE



STONE SITE
NO SCALE



BOLLARD DETAIL
SCALE: NONE



CONTROL PANEL PAD

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LIFT STATION

Drawing No:
LS1
Sheet: 56 OF 95

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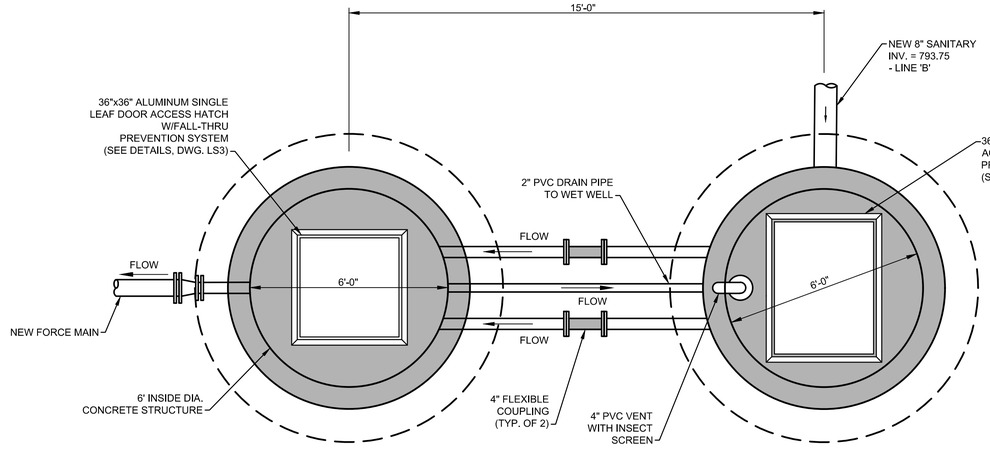
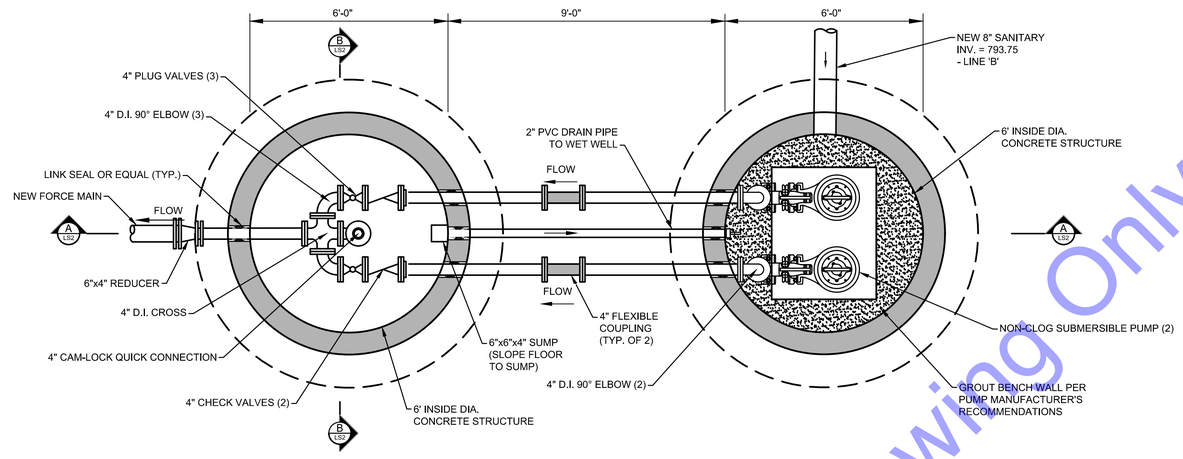


VALVE VAULT PROPOSED TOP PLAN WET WELL

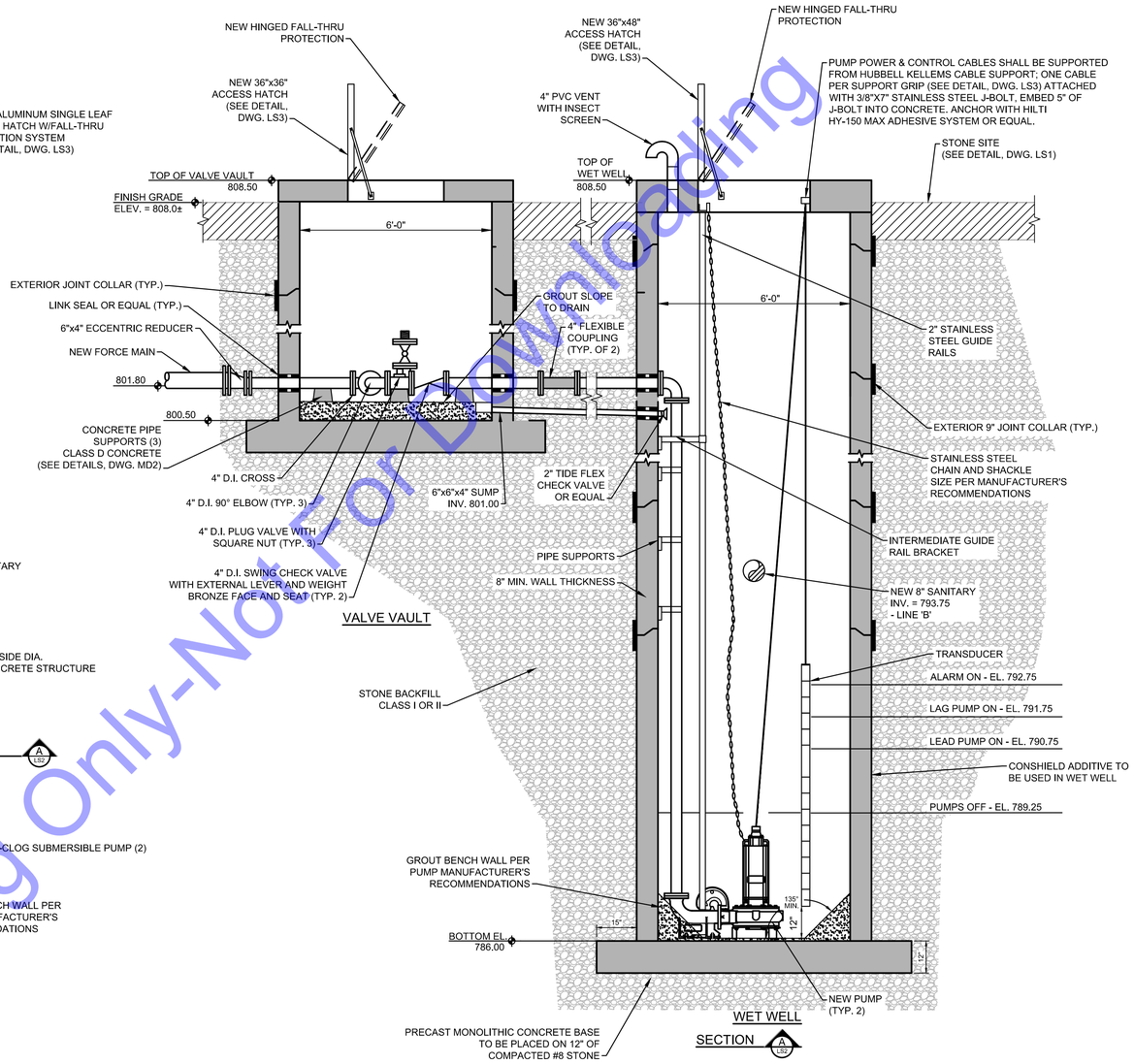


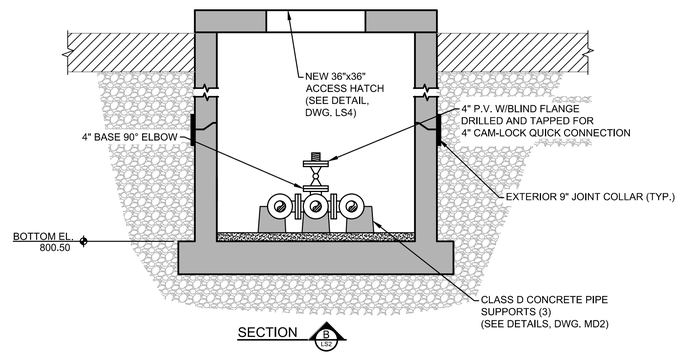
VALVE VAULT PROPOSED BOTTOM PLAN WET WELL

PUMP SCHEDULE

LOCATION	GPM	TDH(ft.)	RPM	HP	MODEL
WYNEKEN LIFT STATION	160	160'	3550	35	FLYGT MODEL NP 3171 SH 3 ADAPTIVE 278

NOTES:
1. LIFT STATION PUMPS TO BE SUBMERSIBLE CENTRIFUGAL NON-CLOG PUMPS CAPABLE OF 160 GPM @ 160' TDH @ 3550 RPM TO BE FURNISHED WITH 35 HP, 480 V, 3Ø, 60 Hz, SUBMERSIBLE MOTORS CAPABLE OF PASSING 3" SOLIDS.
2. THE NEMA 4X, STAINLESS STEEL CONTROL PANEL SUPPLIED BY THE CONTRACTOR SHALL BE AS SHOWN IN THE DRAWINGS AND AS SPECIFIED WITH IN THE LIFT STATION DETAILED SPECIFICATIONS.
3. ALL ELECTRICAL EQUIPMENT AND WIRING TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE. SEE THE CONTROL PANEL MANUFACTURER'S DRAWING AND DETAILS FOR POWER AND CONTROL WIRING CONNECTIONS TO THE PUMPS.
4. PUMP AND DISCHARGE PIPE INSIDE LIFT STATION AND VALVE VAULT TO BE FLANGED, DUCTILE IRON PIPE. OUTSIDE PIPING TO BE MECHANICAL JOINT, DUCTILE IRON PIPE.
5. CHECK VALVES SHALL BE IRON BODY, FULL BRONZE MOUNTED, NON-SLAMMING TYPE, OPERATE WITHOUT EXCESS LOSS OF HEAD, BE DESIGNED FOR NOT LESS THAN 175 PSI COLD WATER WORKING PRESSURE, AND HAVE BRONZE HINGES, STAINLESS STEEL HINGE PINS, FULL BRONZE MOUNTED, RUBBER FACE DISCS, WITH RAISED BEAD SEAT RINGS, BE SWING-CHECK TYPE, FLANGED, FACED AND DRILLED 125# ASA WITH OUTSIDE WEIGHT AND LEVER. CHECK VALVES SHALL BE MANUFACTURED BY CLOW, KENNEDY OR M&H VALVE COMPANY.
6. PLUG VALVES SHALL BE AWWA C 509 WITH SEMI-STEEL CONSTRUCTION WITH CLASS B RESILIENT BUNA-N FACED PLUGS, FUSION BOND EPOXY COATED INSIDE AND OUT, BE DESIGNED FOR 150 PSI WORKING PRESSURE AND FLANGED, FACED AND DRILLED 125# ASA WITH 2" OPERATING NUT. ALL PLUG VALVES SHALL BE MANUFACTURED BY DEZURIK, PEC TYPE.
7. ALL NUTS AND BOLTS INSIDE LIFT STATION AND VALVE VAULT SHALL BE STAINLESS STEEL.
8. STAINLESS STEEL PIPE GUIDES, LIFTING CABLES & FLOAT CHAIN TO BE 316 S.S.





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LIFT STATION

Drawing No: LS2

Sheet: 57 OF 95

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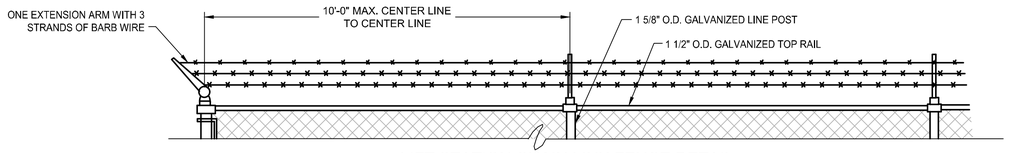
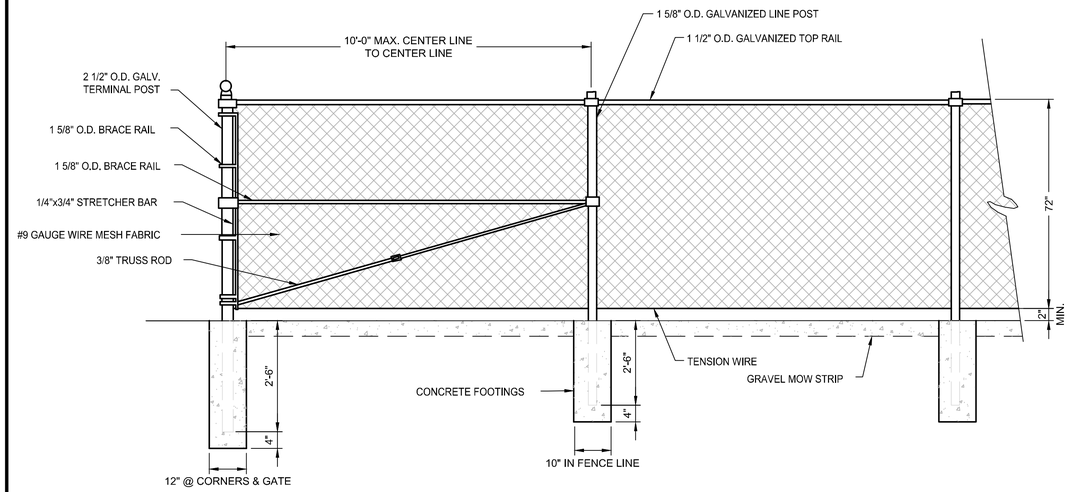


LIFT STATION CHAIN LINK FENCE DETAIL

NO SCALE



PROPERTY CHAIN LINK FENCE DETAIL

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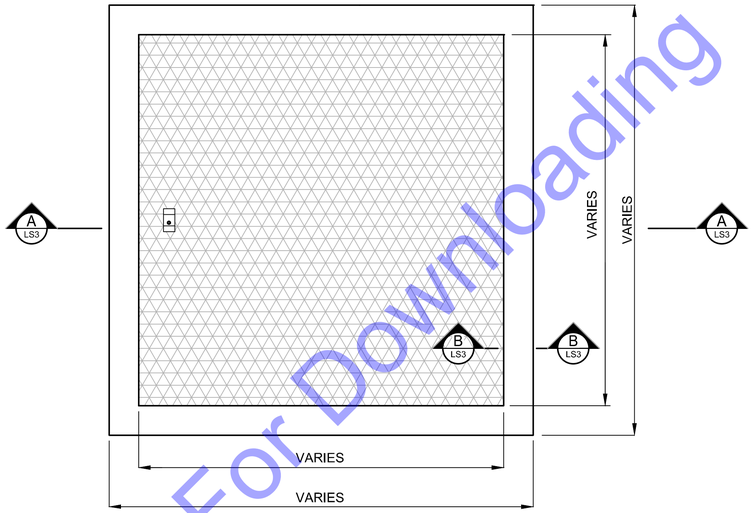
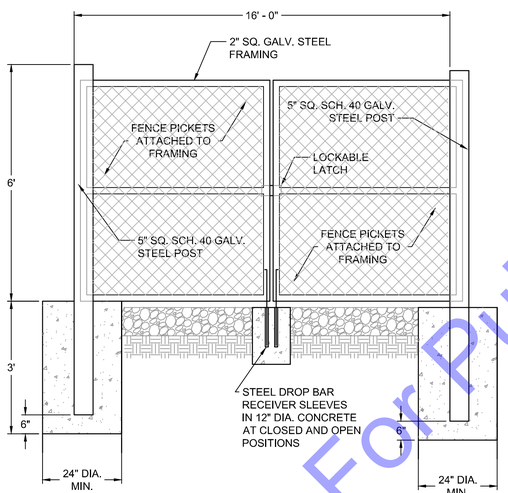
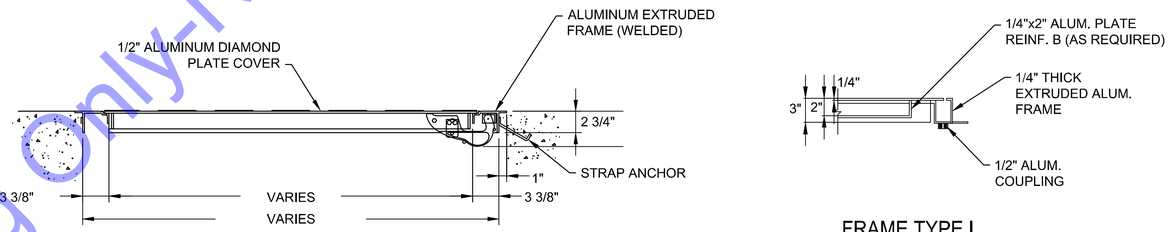


PLAN - SINGLE LEAF ACCESS HATCH



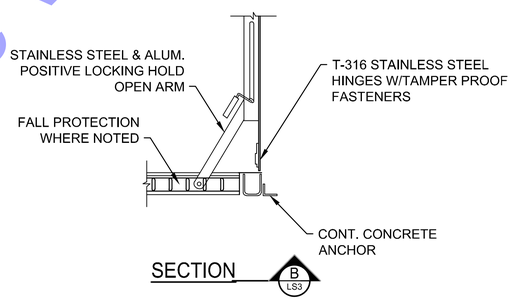
PROPERTY 16' DOUBLE SWING GATE DETAIL

NO SCALE



SECTION A LS3

FRAME TYPE I



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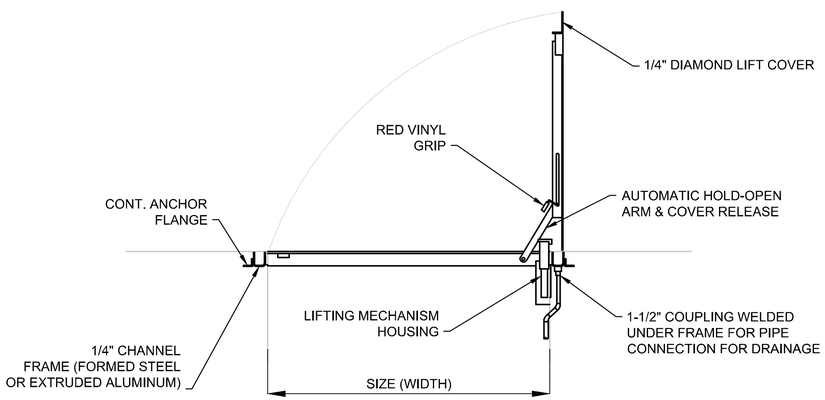

SINGLE LEAF ACCESS DOOR

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REGISTERED BENJAMIN H. ADAMS No. 19700508 STATE OF INDIANA PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

LIFT STATION

Drawing No: LS3

Sheet: 58 OF 95

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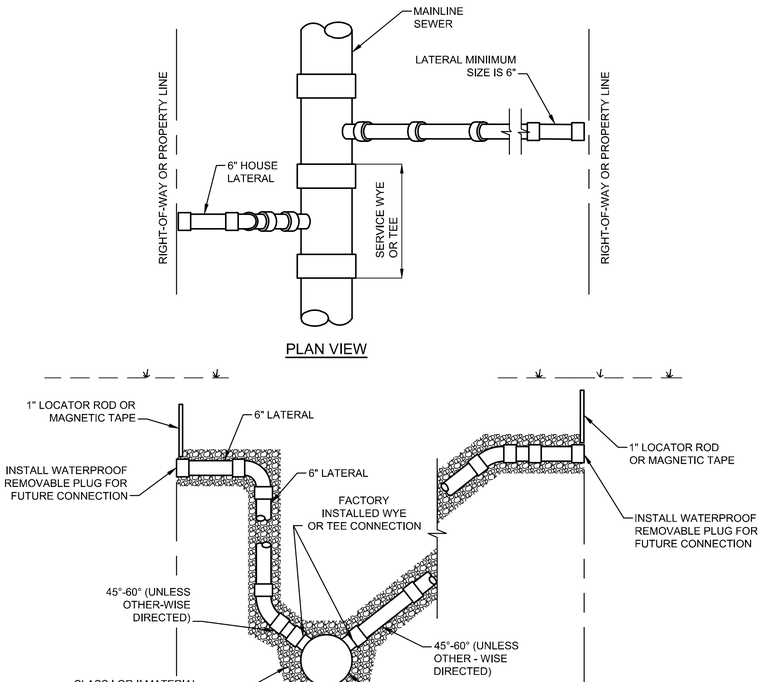
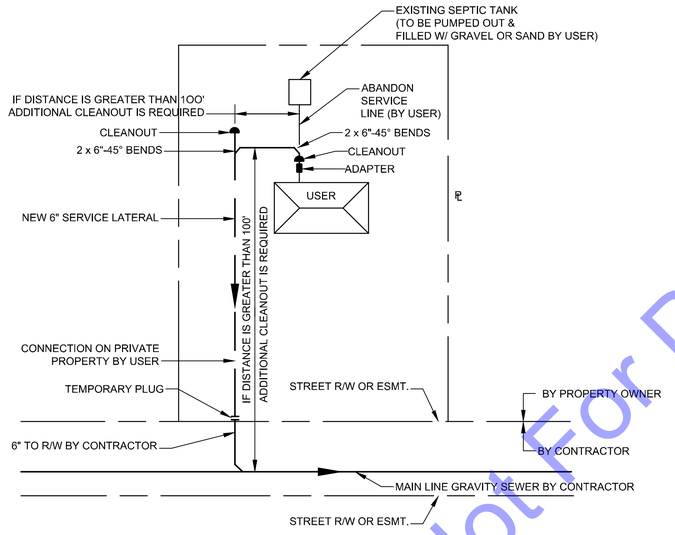


SERVICE CONNECTION

NO SCALE

NOTES:

1) NORMAL LATERAL SLOPE IS 1/4" PER FOOT. MINIMUM LATERAL SLOPE IS 1/8" PER FOOT.
2) MINIMUM COVER IS 5 FEET OVER PIPE.
3) CONTRACTOR SHALL PROVIDE "AS-BUILT" SERVICE CONNECTION TIES TO THE OWNER, ENGINEER, AND PROPERTY OWNER

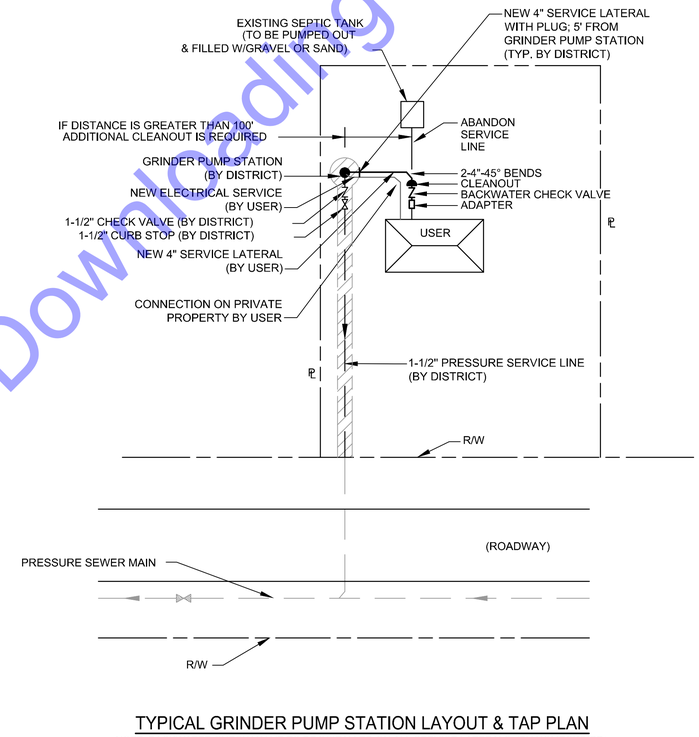


TYPICAL GRAVITY SEWER TAP PLAN

NO SCALE

NOTES

1) NORMAL SLOPE OF SERVICE LATERAL SHALL BE 2% (1/4" PER FOOT).
2) MINIMUM SIZE SERVICE LATERAL SHALL BE 6".
3) TURNS IN SERVICE LATERAL SHALL BE MADE W/ 45° BENDS. NO 90° BENDS ALLOWED.
4) SERVICE LATERAL SHALL BE INSPECTED AND APPROVED BEFORE EXCAVATION IS BACKFILLED.

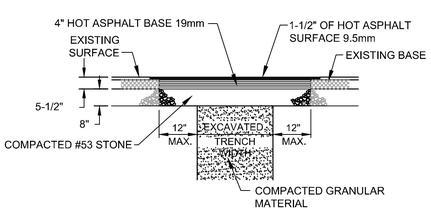


TYPICAL GRINDER PUMP STATION LAYOUT & TAP PLAN

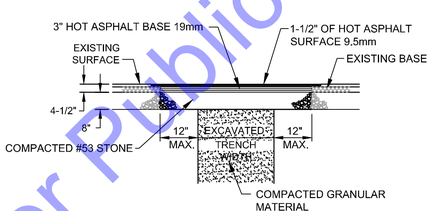
NOTE: BACKWATER CHECK VALVE TO BE INSTALLED ON ALL SERVICE LATERALS. (BY HOMEOWNER)

NOTES:

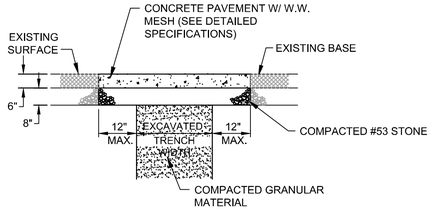
1) NORMAL SLOPE OF SERVICE LATERAL SHALL BE 2% (1/4" PER FOOT).
2) MINIMUM SIZE SERVICE LATERAL SHALL BE 4".
3) TURNS IN SERVICE LATERAL SHALL BE MADE W/ 45° BENDS. NO 90° BENDS ALLOWED.
4) SERVICE LATERAL SHALL BE INSPECTED AND APPROVED BEFORE EXCAVATION IS BACKFILLED.
5) CONNECTION ON PRIVATE PROPERTY BY USER.



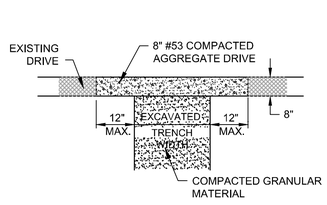
ASPHALT PAVEMENT - ROADS/ALLEYS



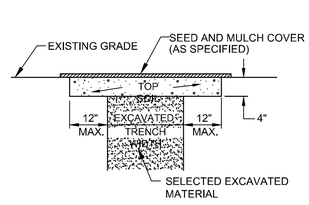
ASPHALT PAVEMENT - (DRIVES)



CONCRETE PAVEMENT (DRIVES)



GRAVEL ROAD-DRIVE REPLACEMENT



GRASSED AREA

SURFACE REPLACEMENT DETAILS

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
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Drawing No: MD1

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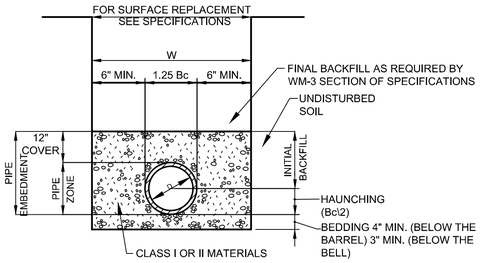
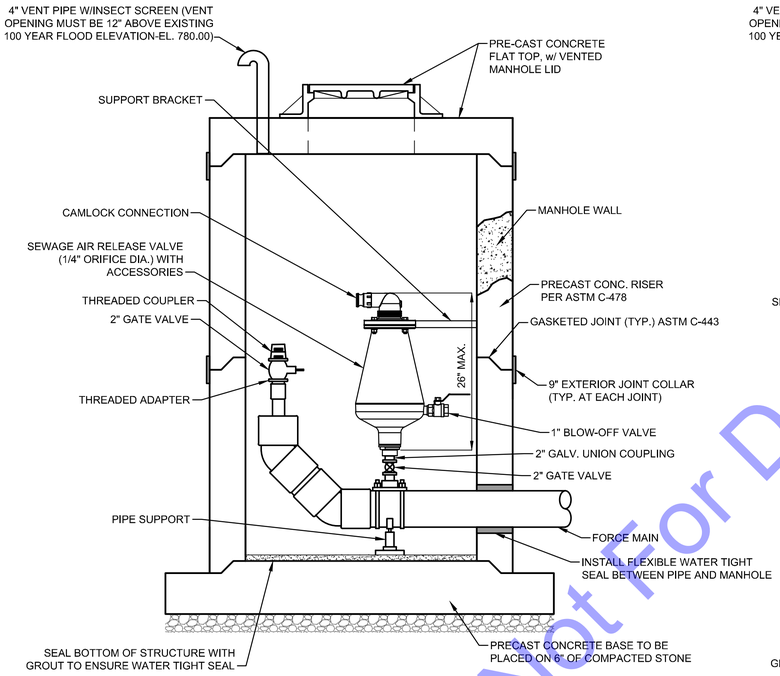


W = MAXIMUM ALLOWABLE TRENCH WIDTH FOR PIPE AS PER ASTM NOT TO EXCEED FOUR (4) FEET FOR 6" THROUGH 24" PIPE NOR SIX (6) FEET FOR 27" THROUGH 48" PIPE
D = PIPE DIAMETER (INTERNAL)
Bc = PIPE DIAMETER (EXTERNAL)

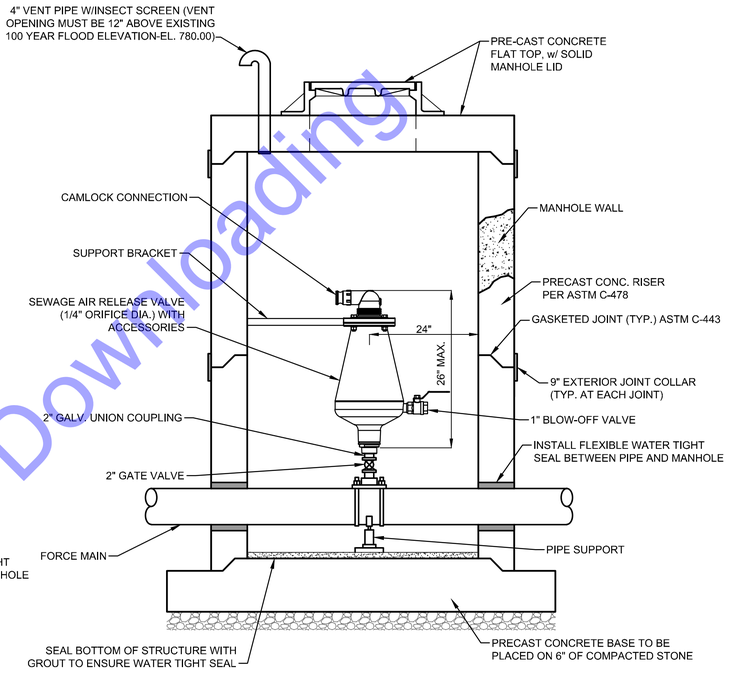
NOTES:

1) COMPACTED INITIAL BACKFILL SHALL EXTEND A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE. FINAL BACKFILL ABOVE THIS POINT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND AS REQUIRED HEREIN.
2) WHEN CLASS I MATERIAL IS USED FOR BEDDING, HAUNCHING, AND INITIAL BACKFILL COMPACTION MAY BE ACCOMPLISHED BY HAND OR MECHANICAL TAMPING, OR BY WALKING TO A MINIMUM OF 85% STANDARD PROCTOR DENSITY.
3) WHEN CLASS II MATERIAL IS USED FOR BEDDING, HAUNCHING, AND INITIAL BACKFILL COMPACTION MAY BE ACCOMPLISHED BY HAND OR MECHANICAL TAMPING TO A MINIMUM OF 85% STANDARD PROCTOR DENSITY.
4) WORK FALLING UNDER THE JURISDICTION OF THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) SHALL UTILIZE COMPACTED GRANULAR BACKFILL MATERIAL FOR INITIAL AND FINAL BACKFILL ANYWHERE WITHIN 12 FEET OF THE EDGE OF PAVEMENT. FOR ALL OTHER NON-INDOT PAVEMENT AREAS (INCLUDING BOTH HARD SURFACED AND COMPACTED AGGREGATE), COMPACTED GRANULAR BACKFILL MATERIAL SHALL BE USED WITHIN 5 FEET OF THE EDGE OF THE PAVEMENT.

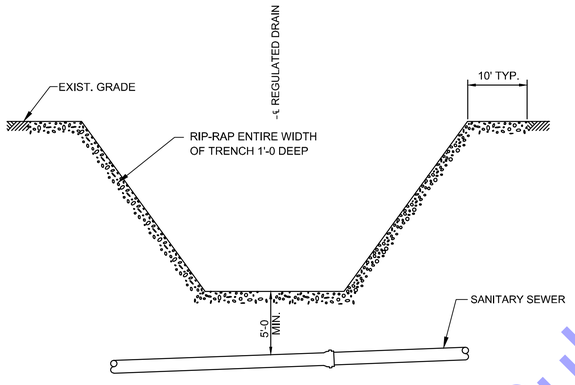
TRENCH DETAIL FOR FLEXIBLE CONDUITS
NO SCALE



COMBINATION AIR RELEASE VALVE - CLEANOUT MANHOLE
NO SCALE

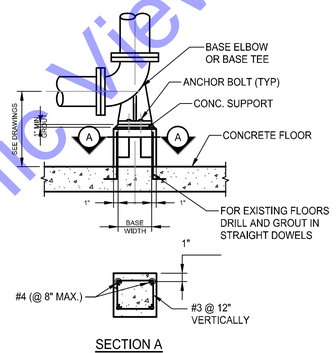


AIR RELEASE VALVE
NO SCALE



TYPICAL DITCH & CULVERT CROSSING DETAIL

NOTES:
1) PROVIDE EROSION CONTROL MEASURES FOR ALL AREAS DISTURBED BY CONSTRUCTION.
2) ALL PIPE, FITTINGS, & RIP-RAP TO BE INCLUDED IN THE COST OF THE MAIN IN PLACE.
3) RIP-RAP ALL GRAVITY SEWER CROSSINGS.



SECTION A

TYPICAL CONCRETE PIPE SUPPORT DETAIL
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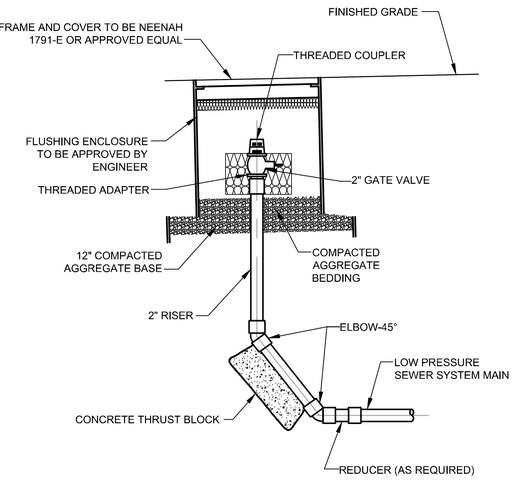

TERMINAL FLUSHING CLEANOUT DETAIL
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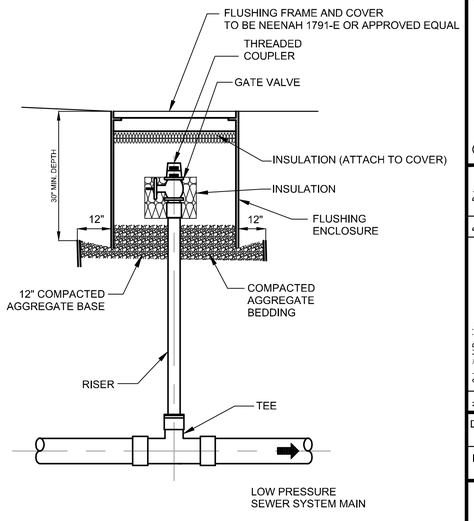

FLUSHING CLEANOUT
NO SCALE

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STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

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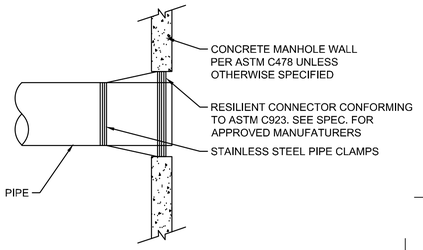

BOOT TYPE
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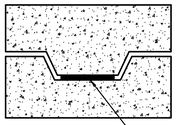
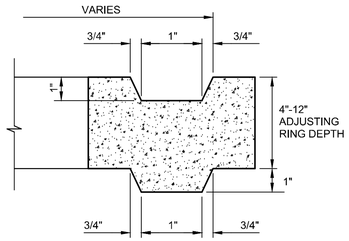
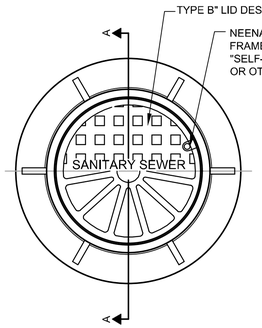


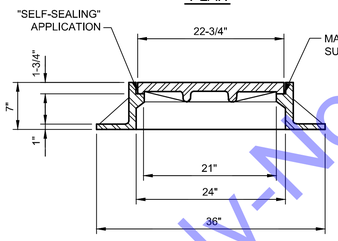
GASKET DETAIL



SECTION A

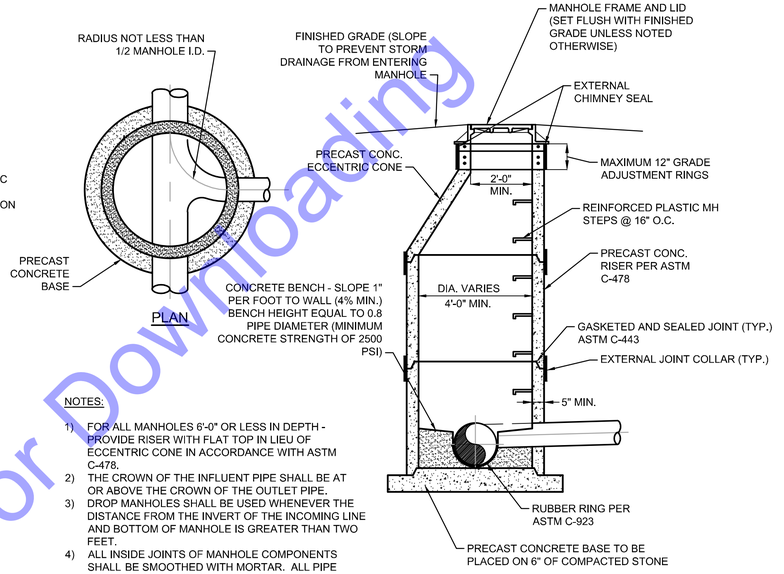


PLAN



SECTION "A-A"

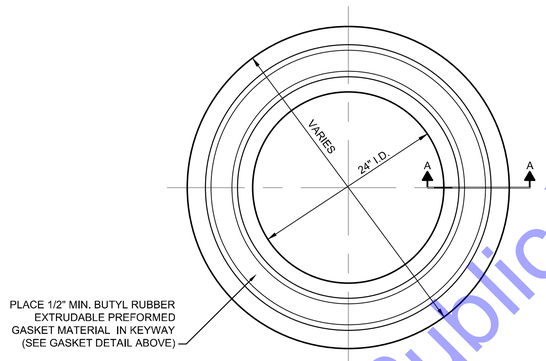
SANITARY SEWER MANHOLE FRAME AND COVER - STANDARD MANHOLE
NO SCALE



PLAN

NOTES:
1) FOR ALL MANHOLES 6'-0" OR LESS IN DEPTH - PROVIDE RISER WITH FLAT TOP IN LIEU OF ECCENTRIC CONE IN ACCORDANCE WITH ASTM C-478.
2) THE CROWN OF THE INFLUENT PIPE SHALL BE AT OR ABOVE THE CROWN OF THE OUTLET PIPE.
3) DROP MANHOLES SHALL BE USED WHENEVER THE DISTANCE FROM THE INVERT OF THE INCOMING LINE AND BOTTOM OF MANHOLE IS GREATER THAN TWO FEET.
4) ALL INSIDE JOINTS OF MANHOLE COMPONENTS SHALL BE SMOOTHED WITH MORTAR. ALL PIPE PENETRATIONS WITHIN MANHOLE SHALL BE SMOOTHED WITH MORTAR (MORTAR COLLAR).

STANDARD MANHOLE DETAIL
NO SCALE



PLAN VIEW

ADJUSTING RING DETAIL
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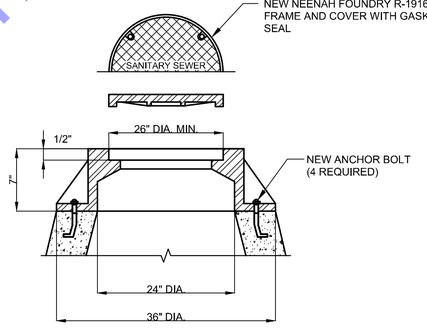
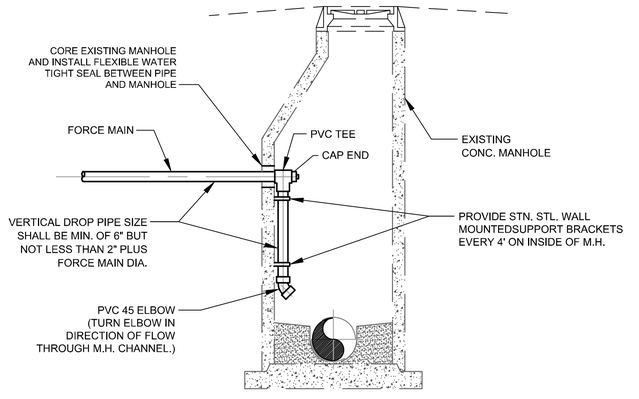


WATERPROOF MANHOLE FRAME & BOLTED LID
NO SCALE



NOTE: MANHOLES WHICH HAVE FORCE MAIN DISCHARGE LINES SHALL BE COATED WITH SHERWIN WILLIAMS COR-COTE SC OR EQUAL

FORCE MAIN DROP INTO EXISTING MANHOLE
NO SCALE

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REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER
Signature
9/5/2025
Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
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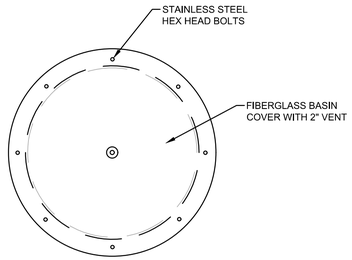
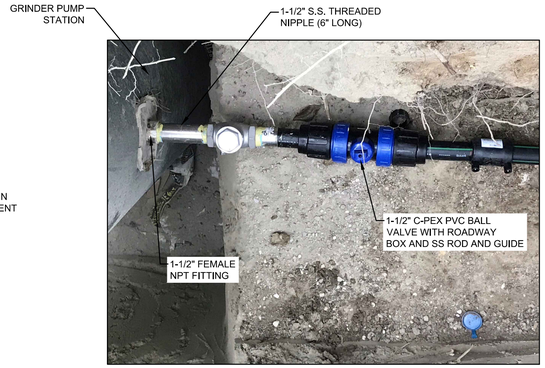
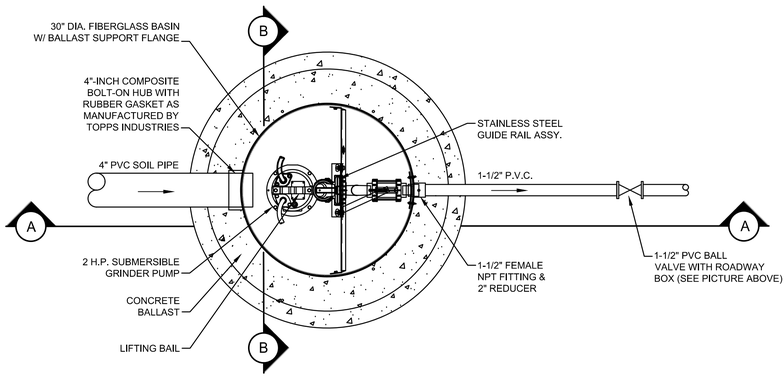


GRINDER PUMP STA. TOP PLAN





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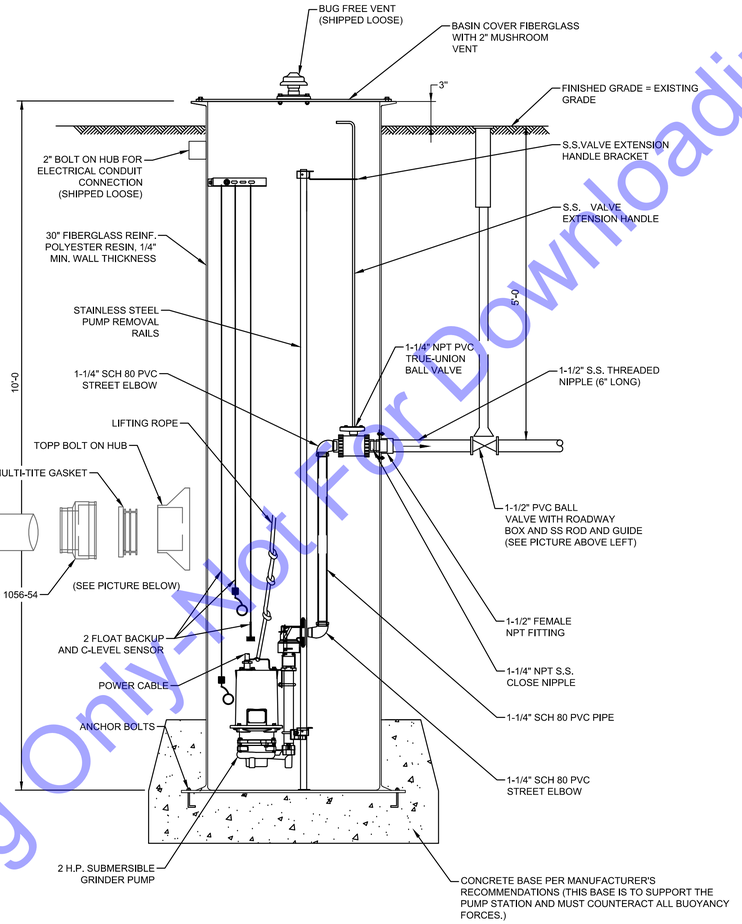

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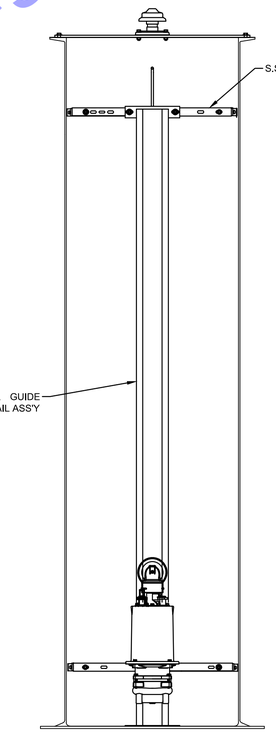

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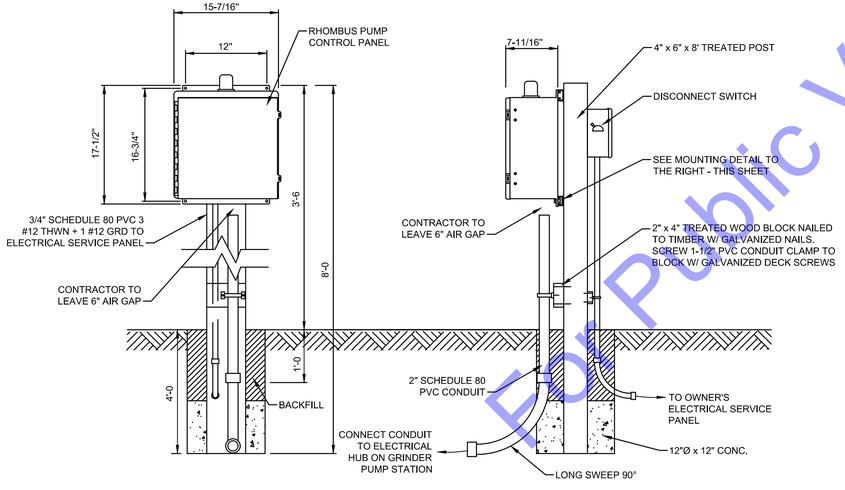
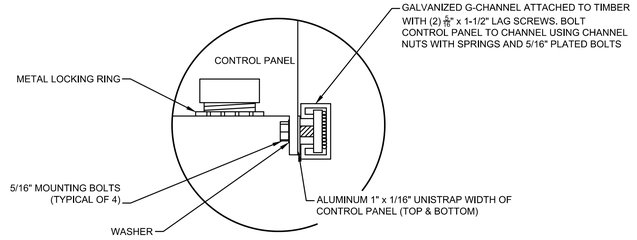


CONTROL PANEL MOUNTING STAND



SECTION CONTROL PANEL MOUNTING DETAILS

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PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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MISCELLANEOUS DETAILS

Drawing No: MD4

Sheet: 62 OF 95

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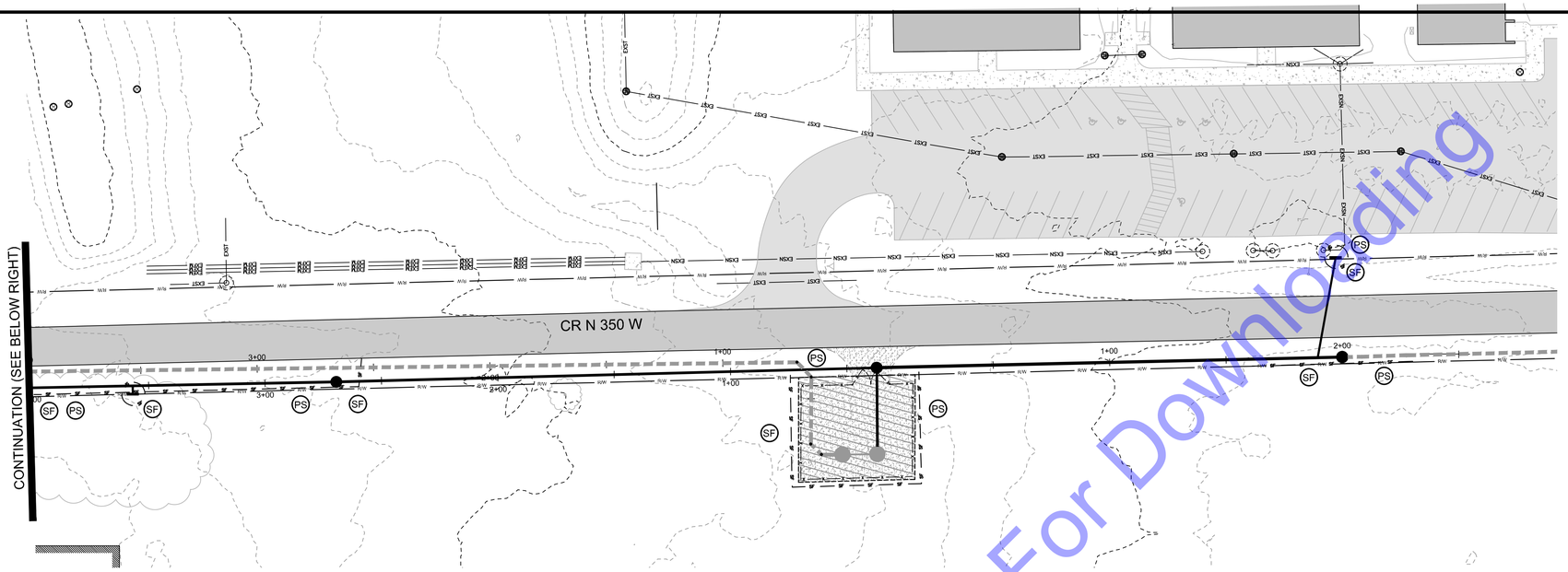
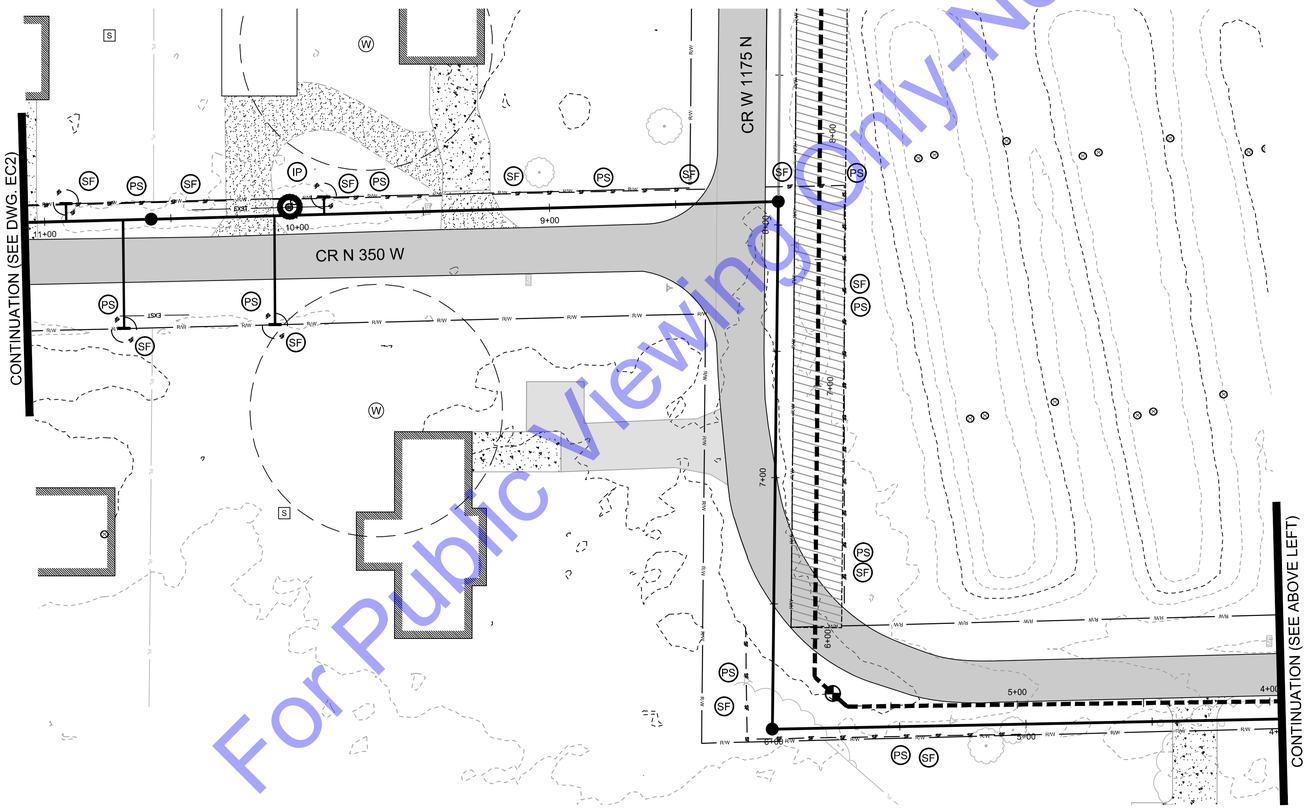


EROSION CONTROL PLAN
SCALE: 1"=30'-0"



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SEEDING/MULCHING

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EROSION CONTROL PLAN

Drawing No: EC1

Sheet: 63 OF 95

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EROSION CONTROL PLAN
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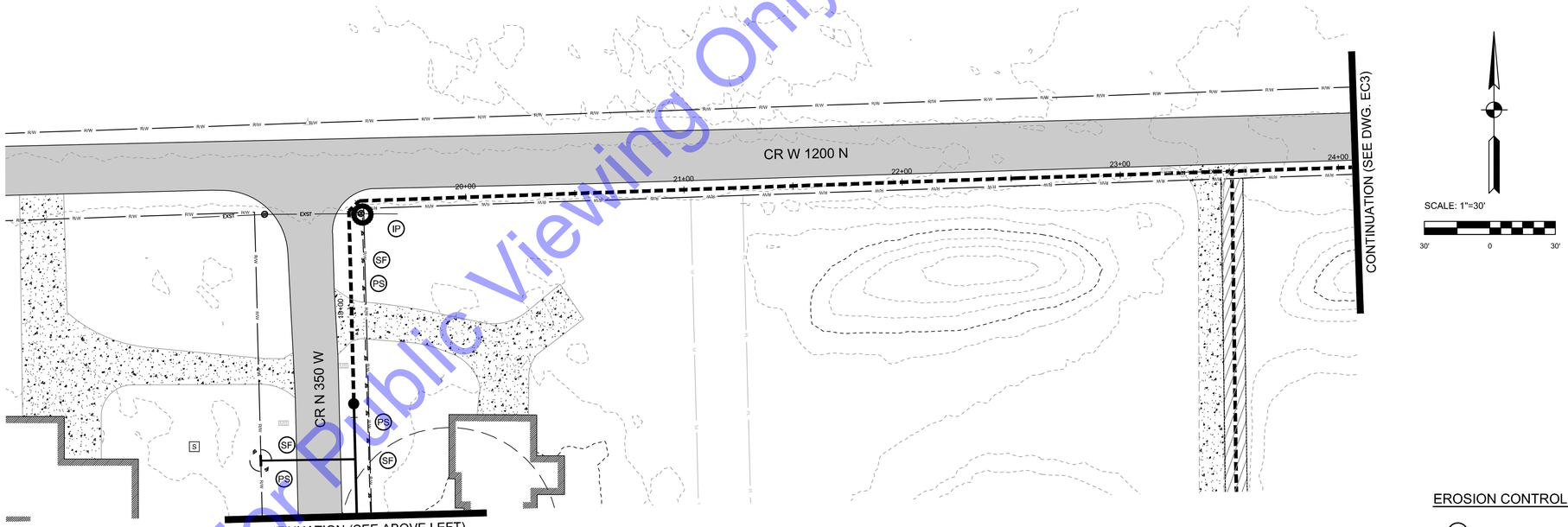

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

Drawing No: EC2
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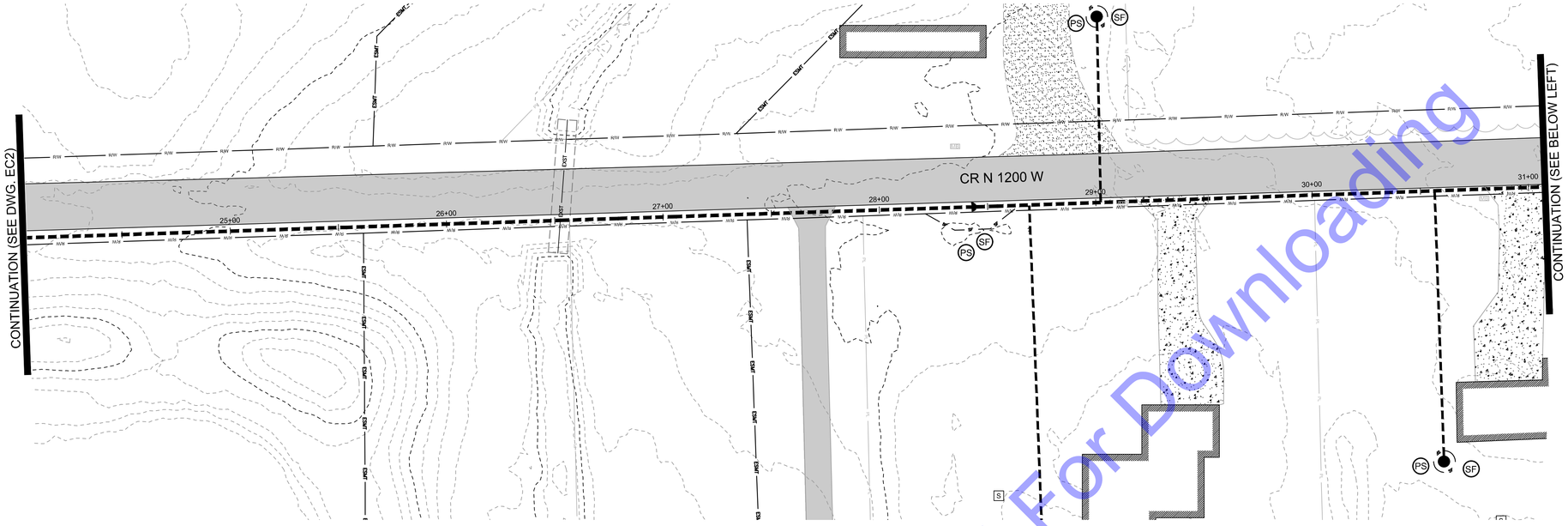
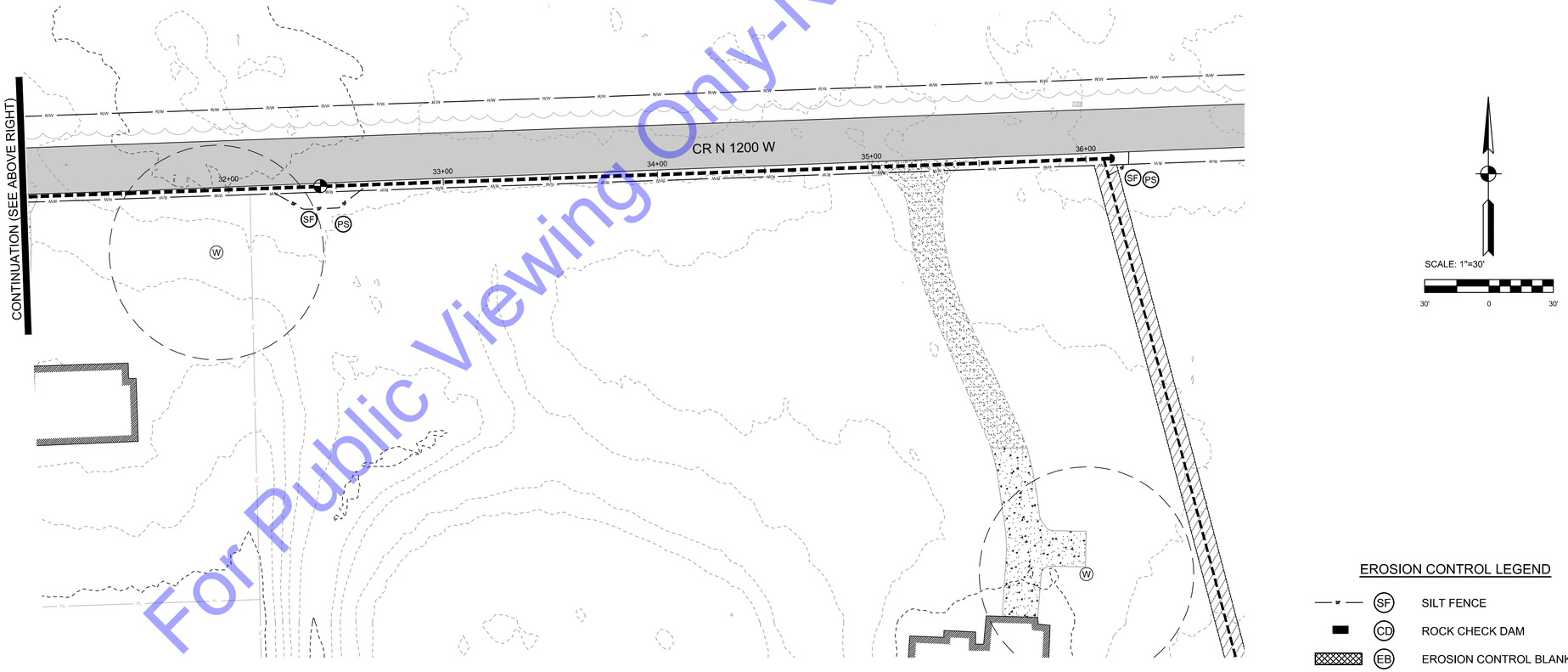


EROSION CONTROL PLAN
SCALE: 1"=30'-0"



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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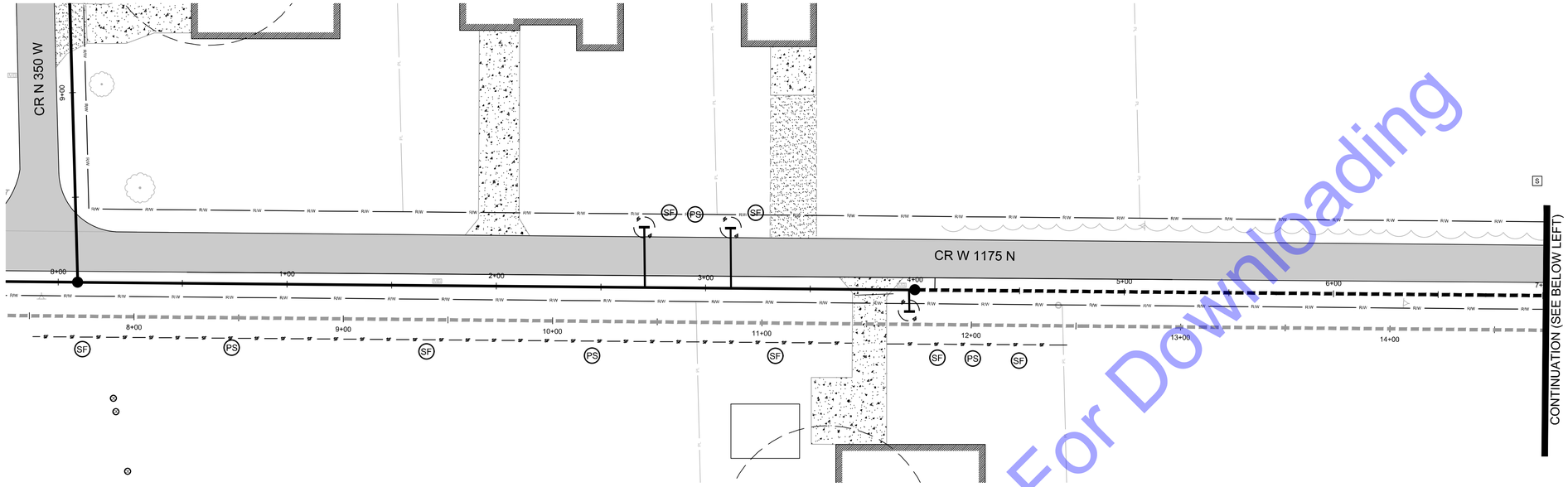

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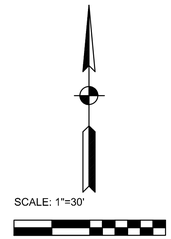

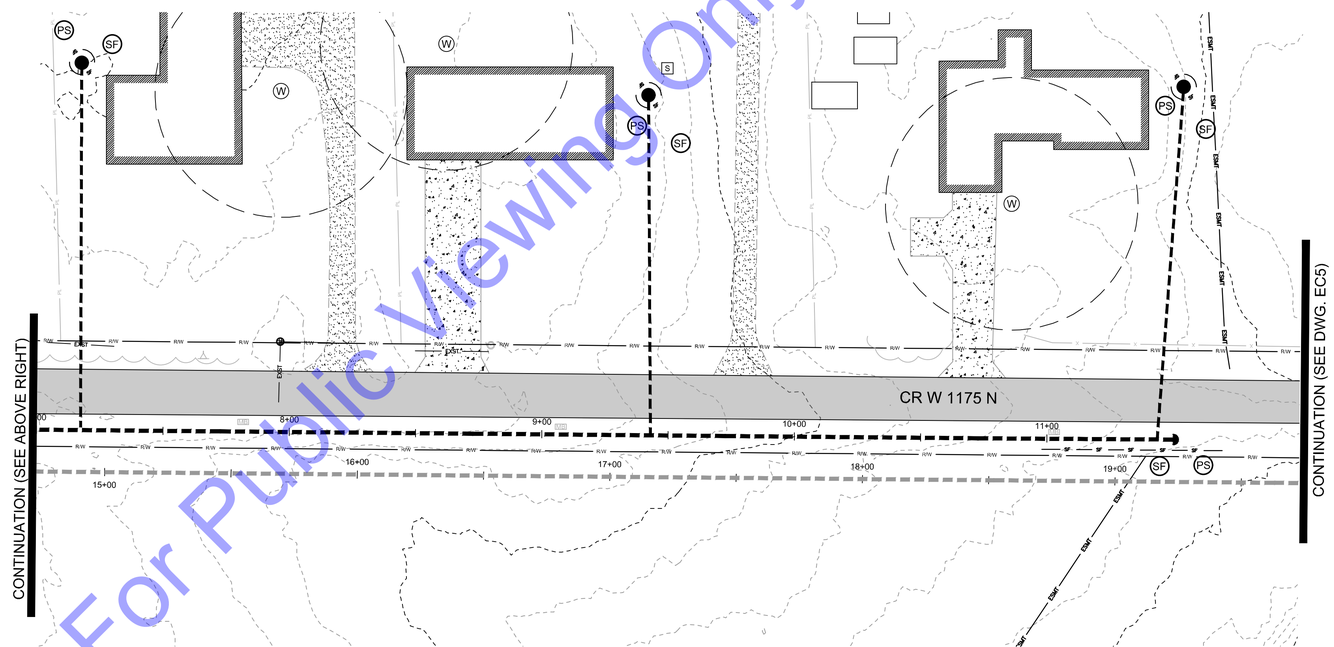

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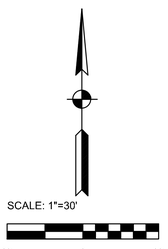

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
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EROSION CONTROL PLAN

Drawing No: EC4

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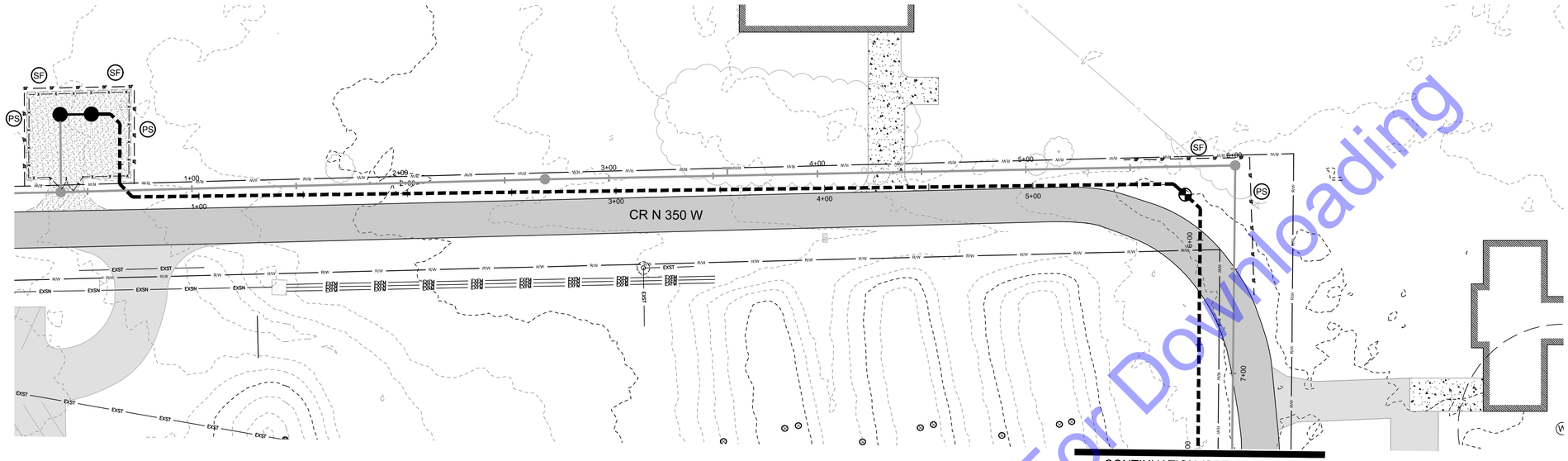
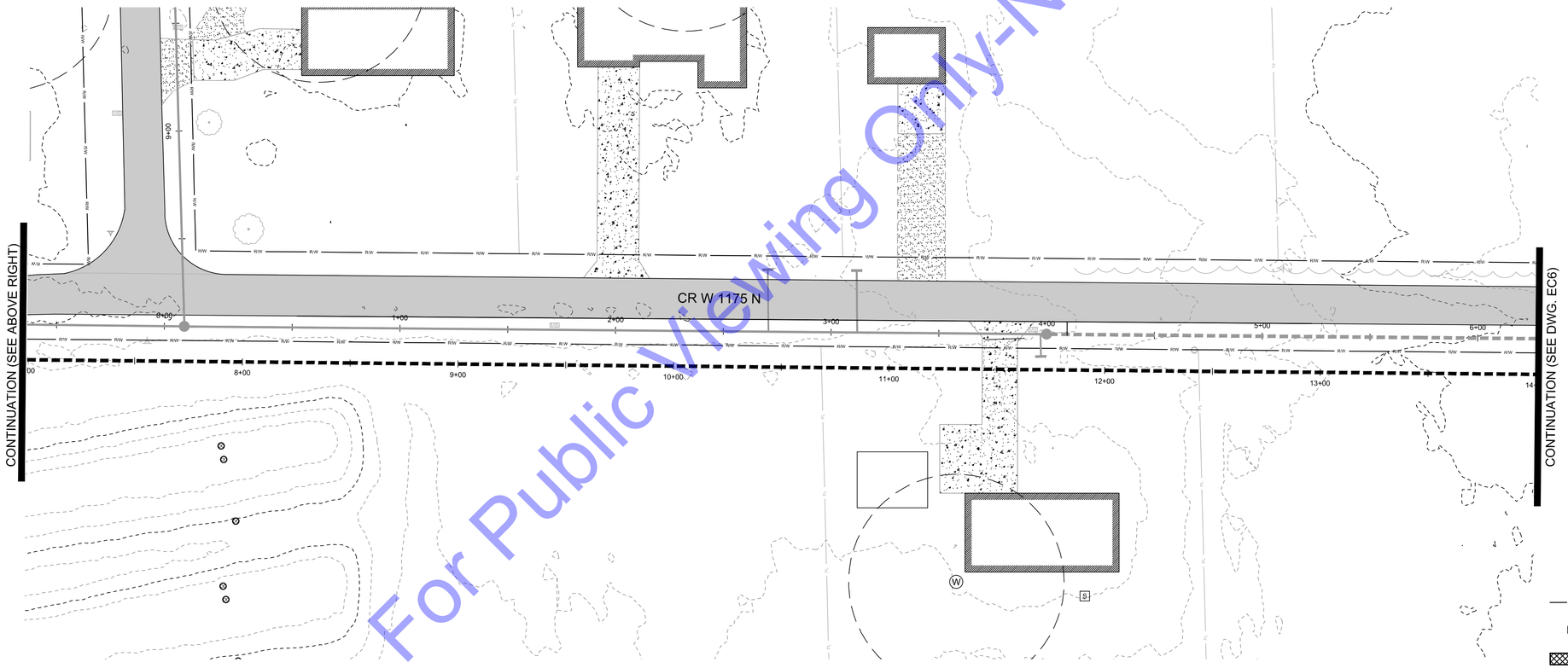


EROSION CONTROL PLAN
SCALE: 1"=30'-0"



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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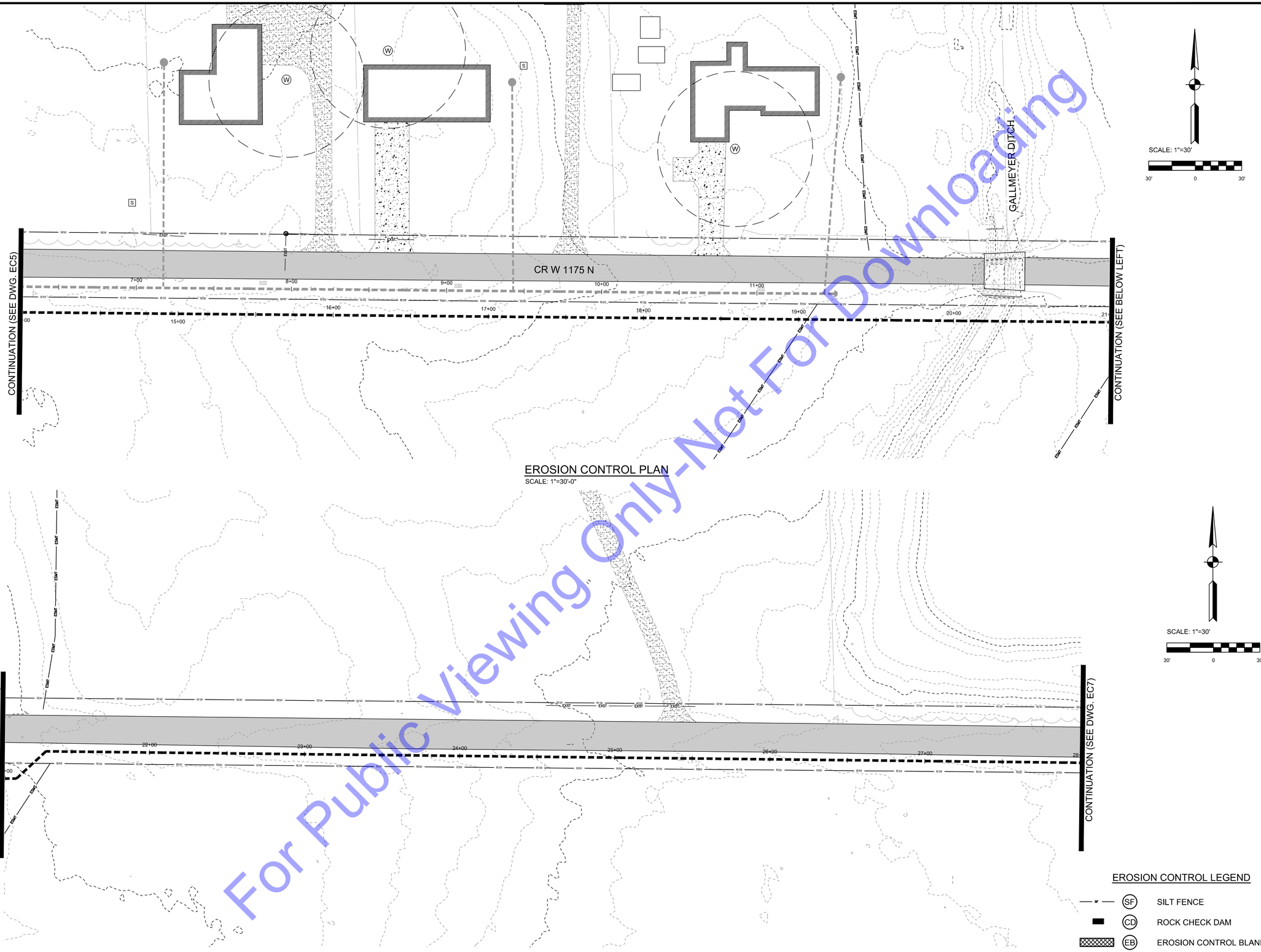

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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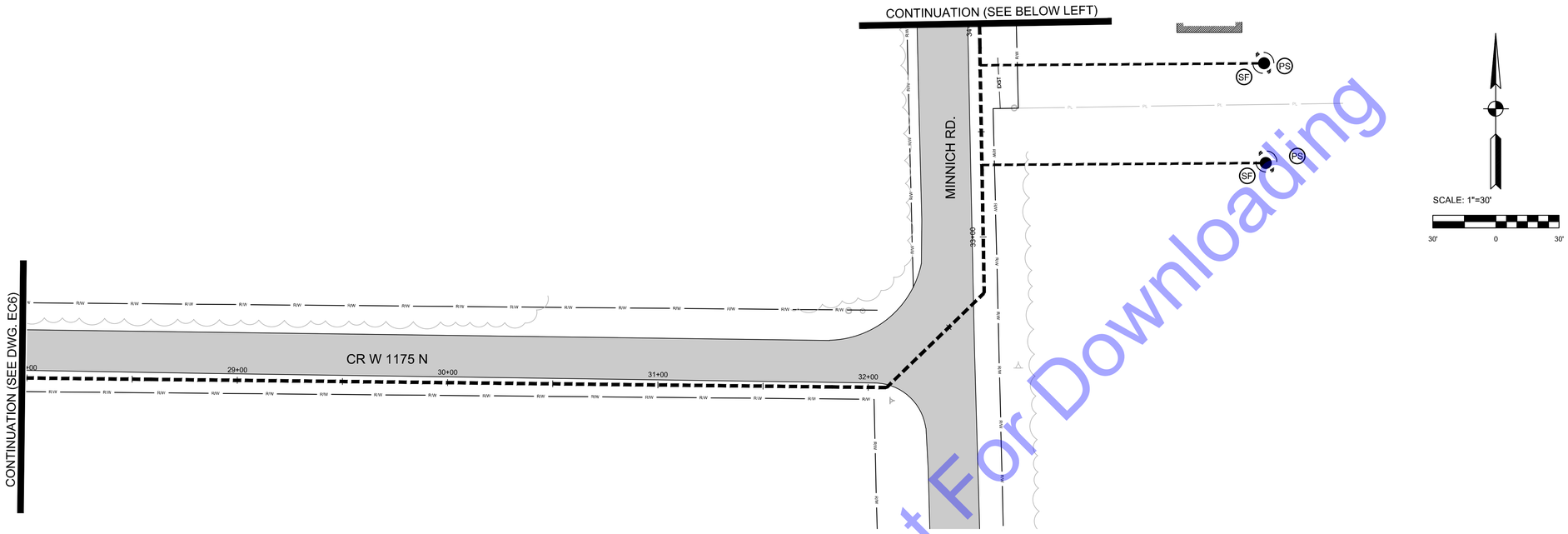

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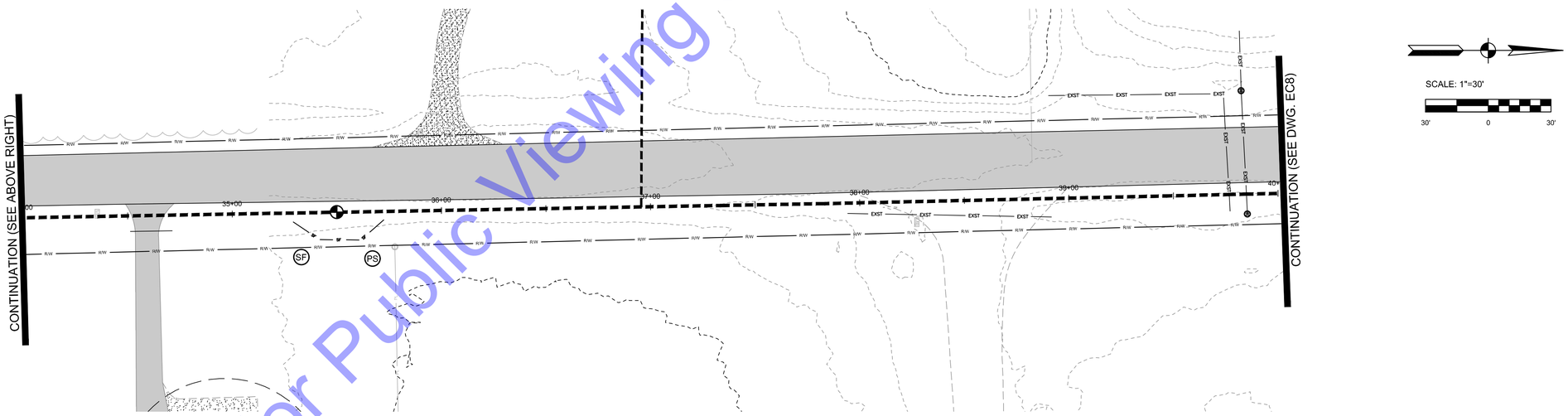

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

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EROSION CONTROL PLAN

Drawing No: EC7

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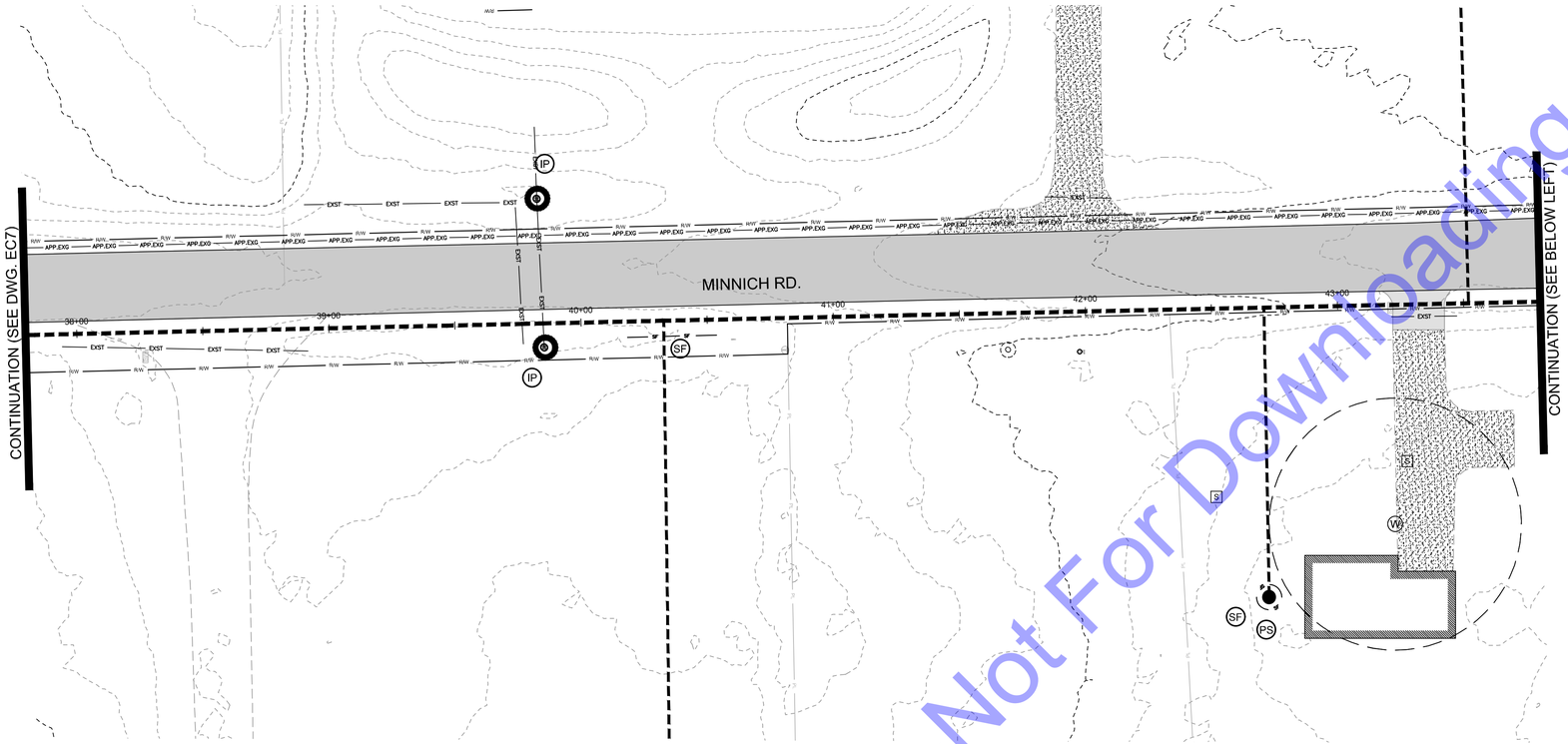
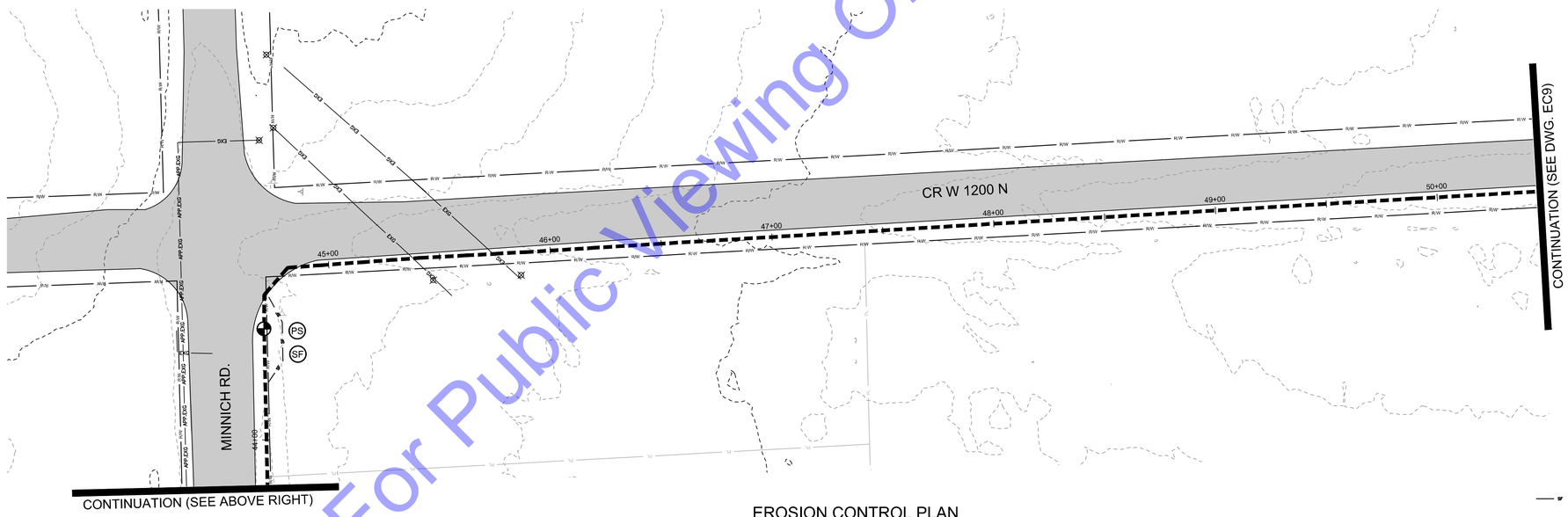


EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

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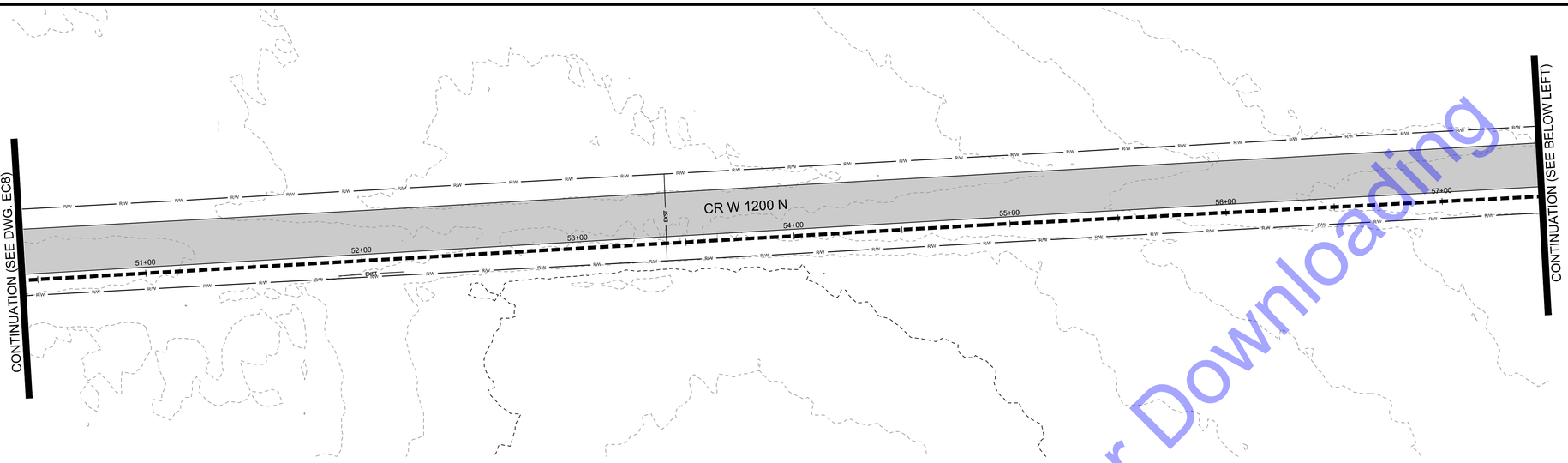

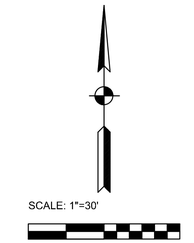

EROSION CONTROL PLAN
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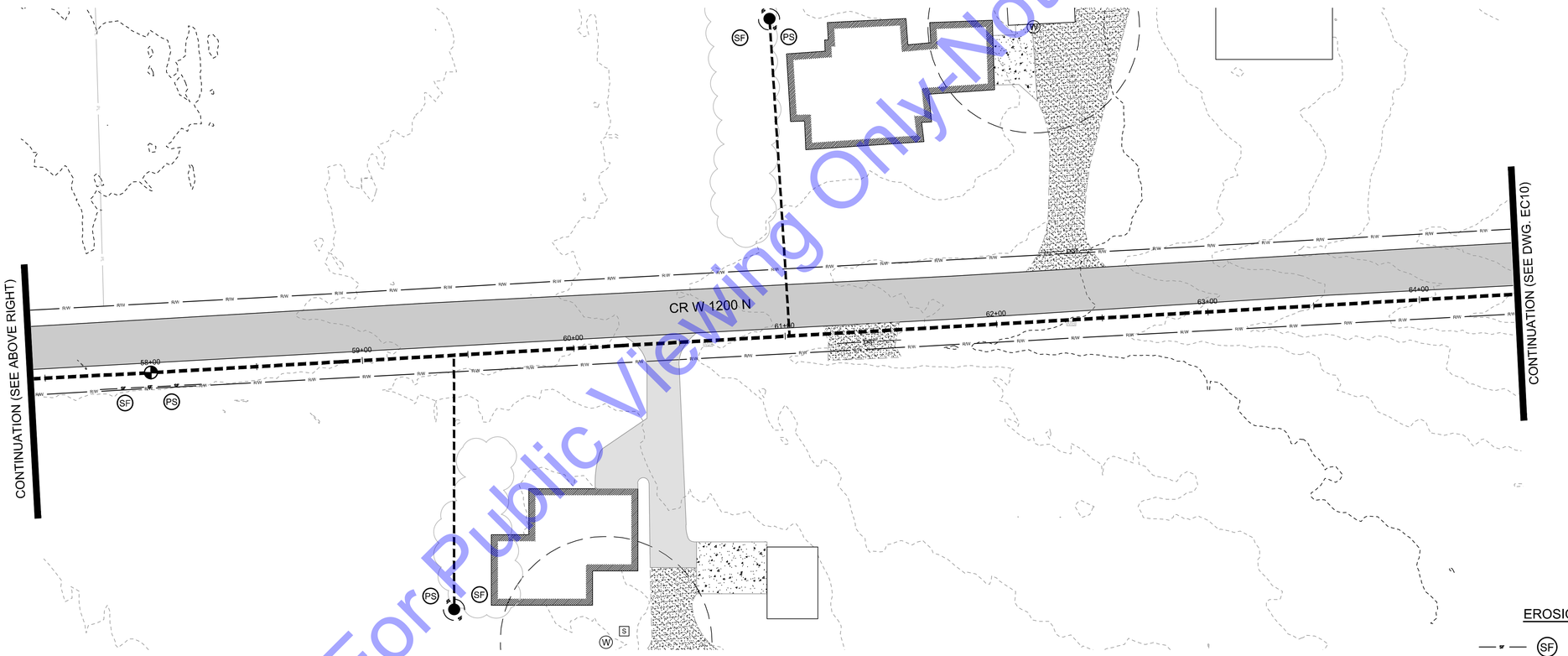

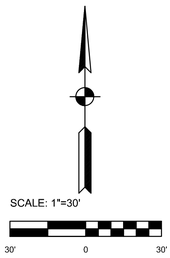

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SEEDING/MULCHING

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Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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EROSION CONTROL PLAN

Drawing No: EC9
Sheet: 71 OF 95

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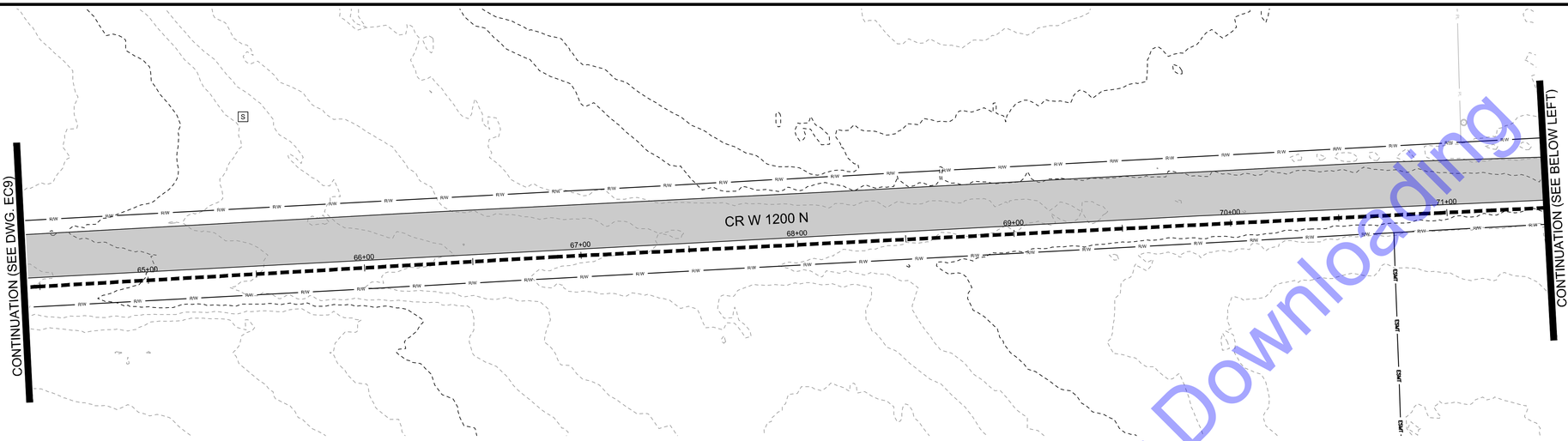

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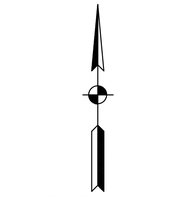

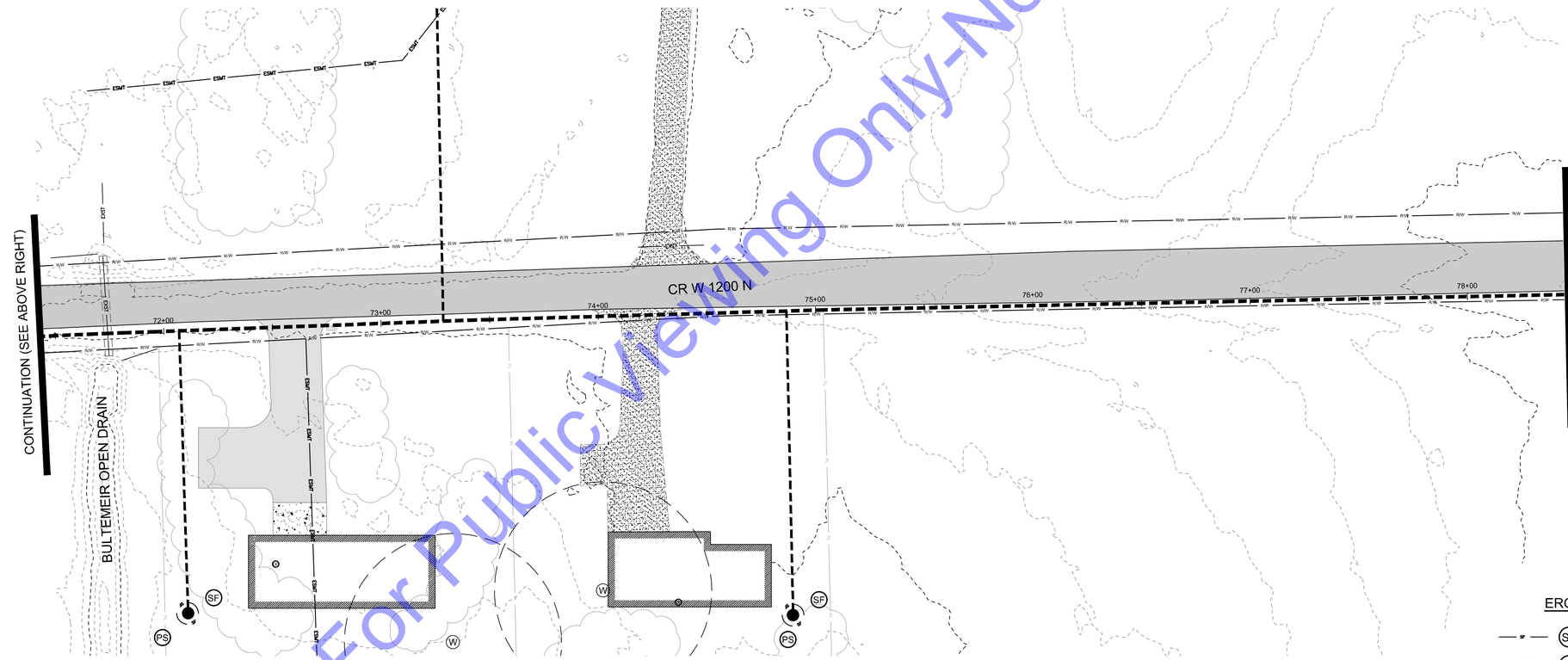

EROSION CONTROL PLAN
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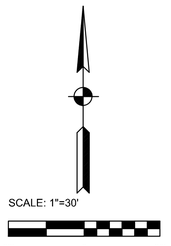

EROSION CONTROL LEGEND

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- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
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9/5/2025
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EROSION CONTROL PLAN

Drawing No:
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Sheet: 72 OF 95

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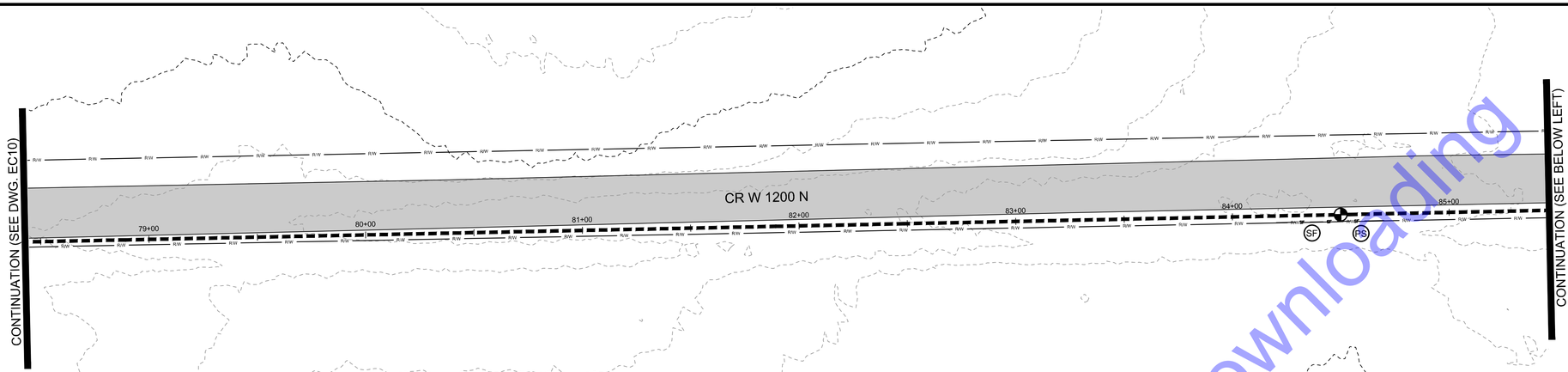

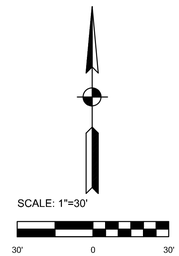

EROSION CONTROL PLAN
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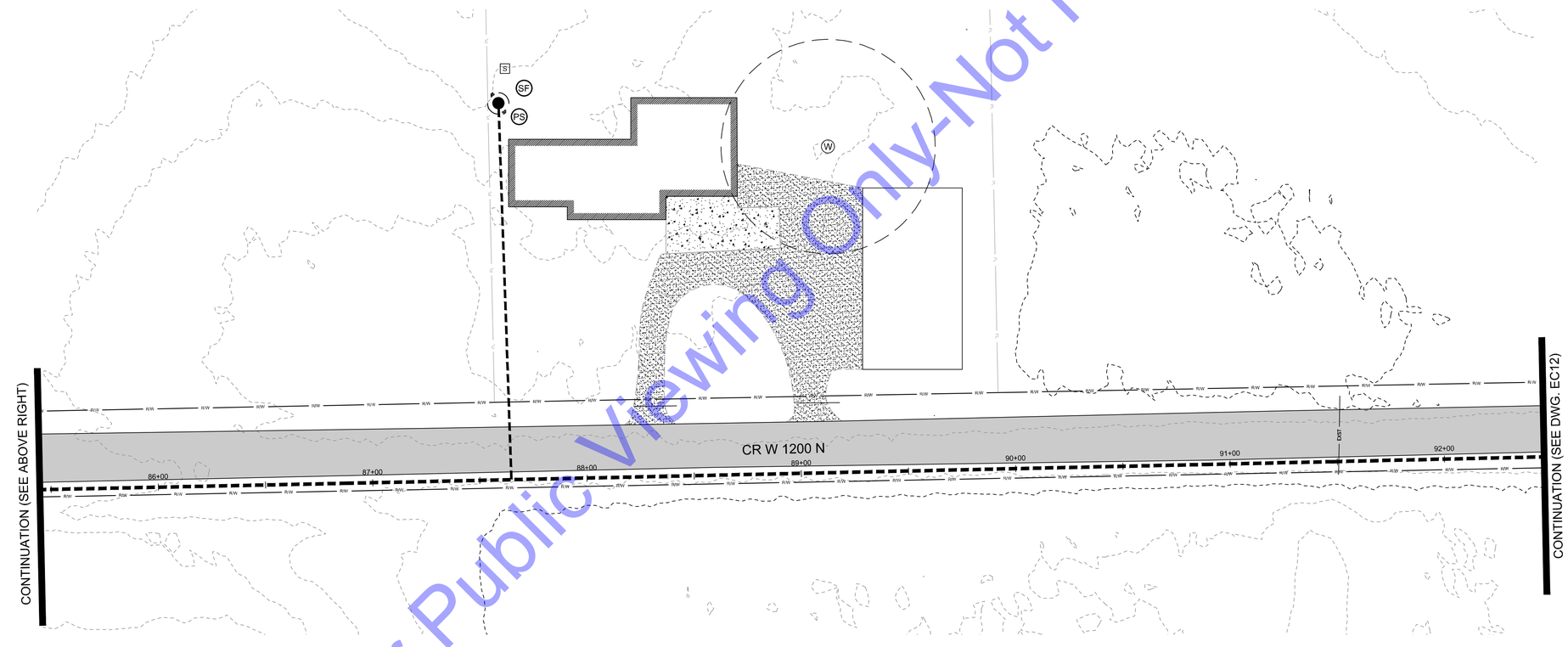

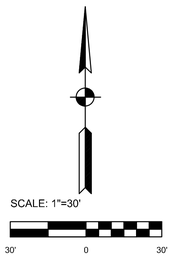

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SEEDING/MULCHING

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

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EROSION CONTROL PLAN

Drawing No: EC11

Sheet: 73 OF 95

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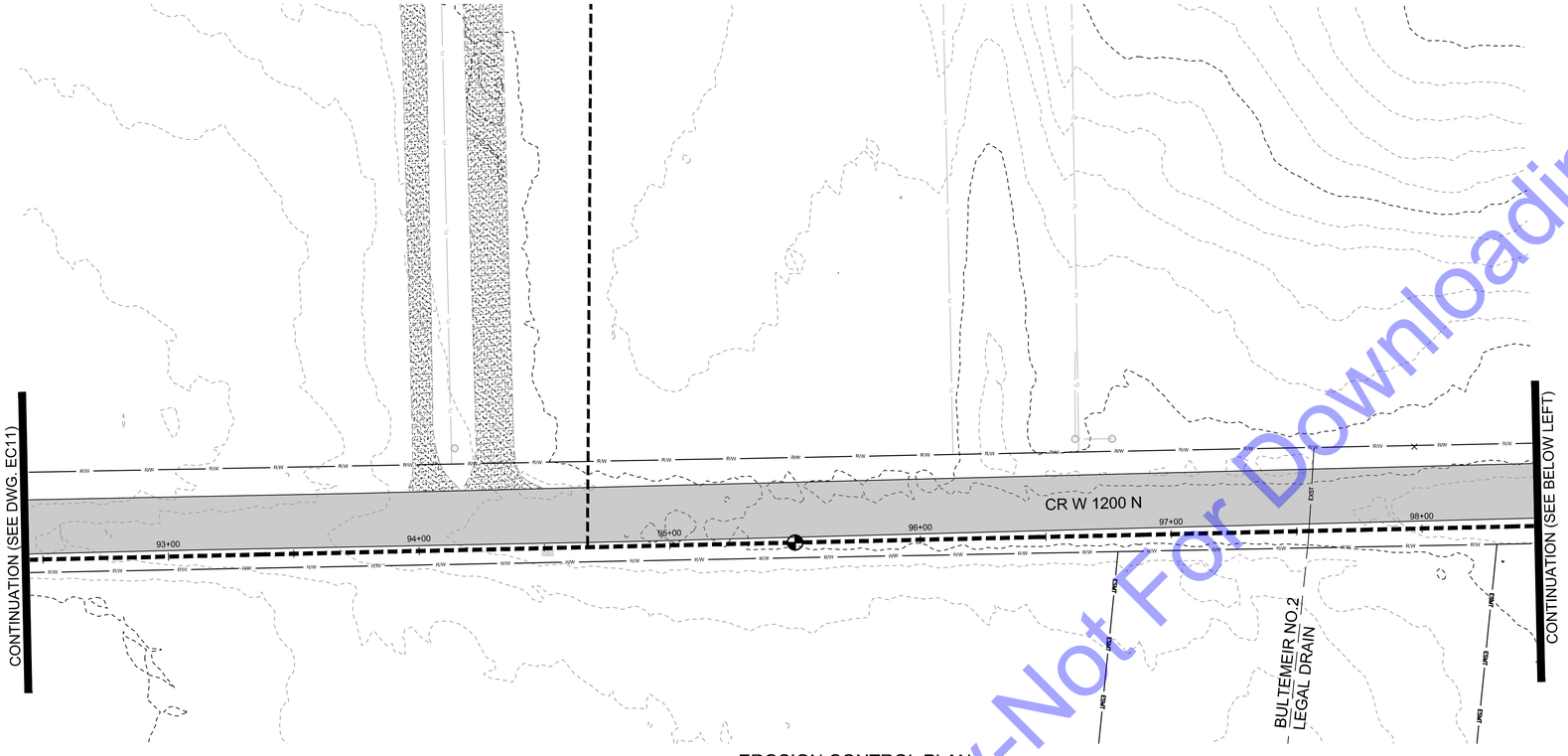

EROSION CONTROL PLAN
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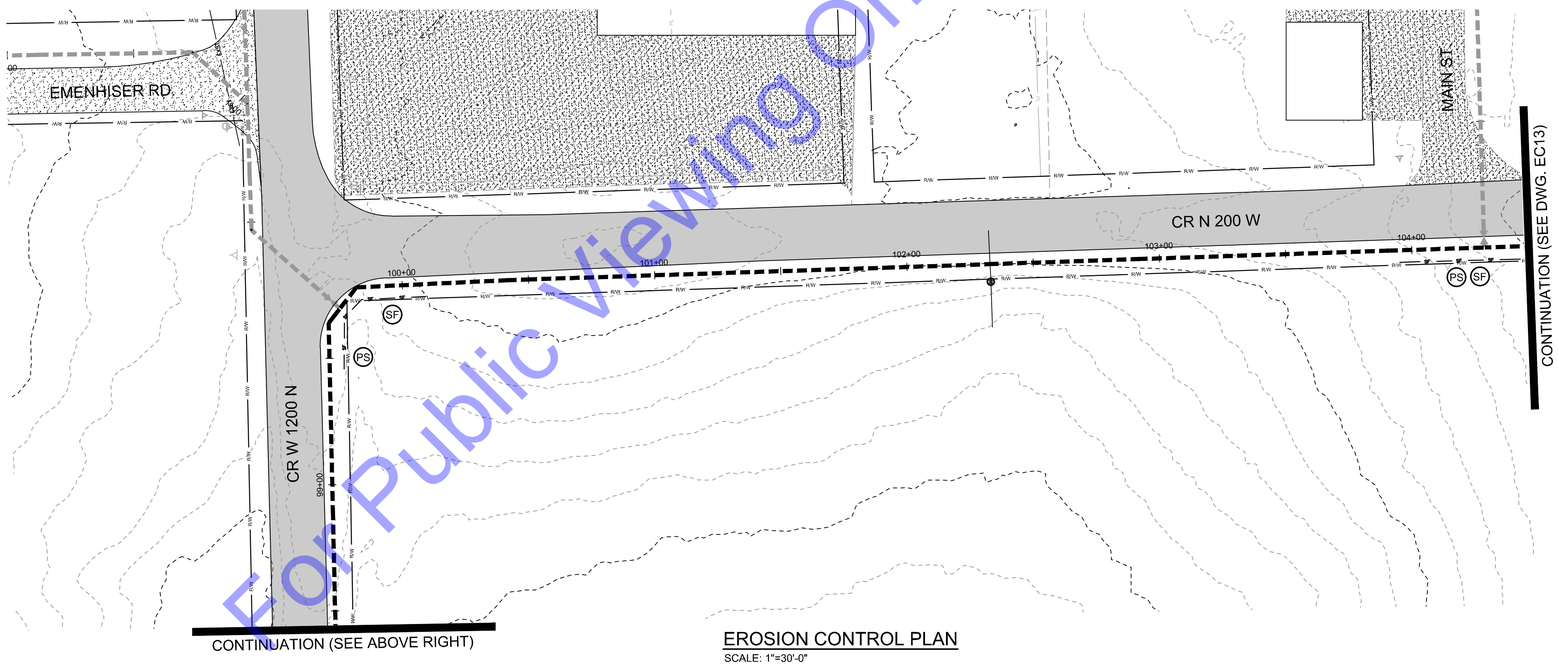

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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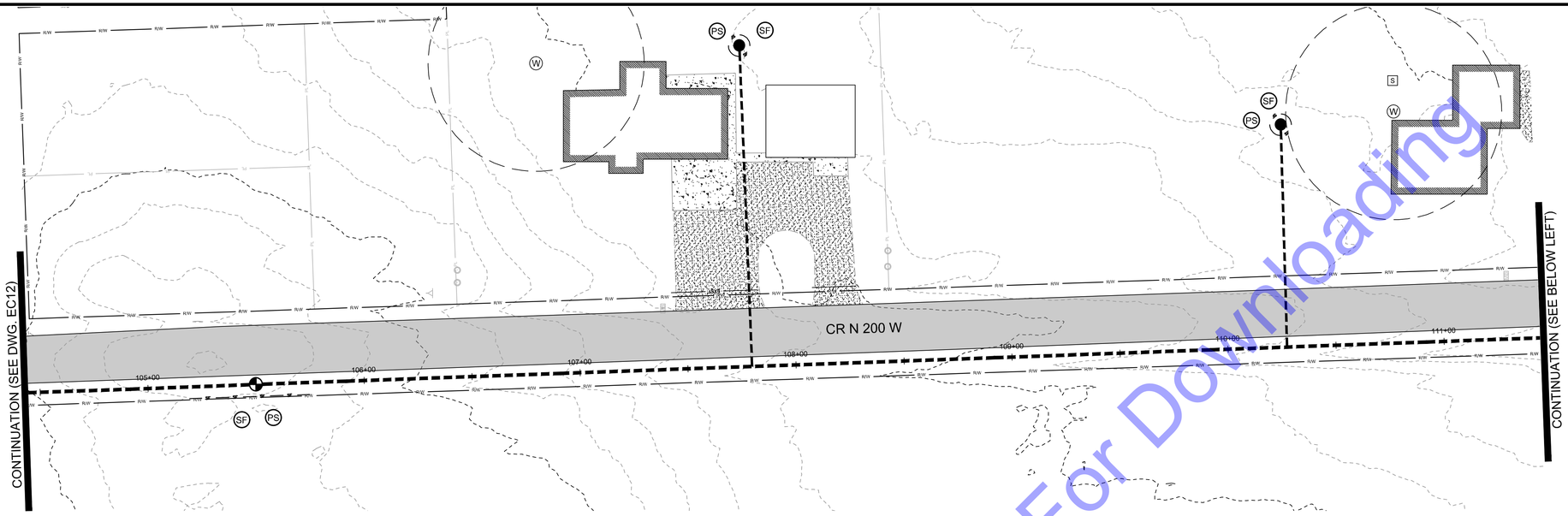

SCALE: 1"=30'

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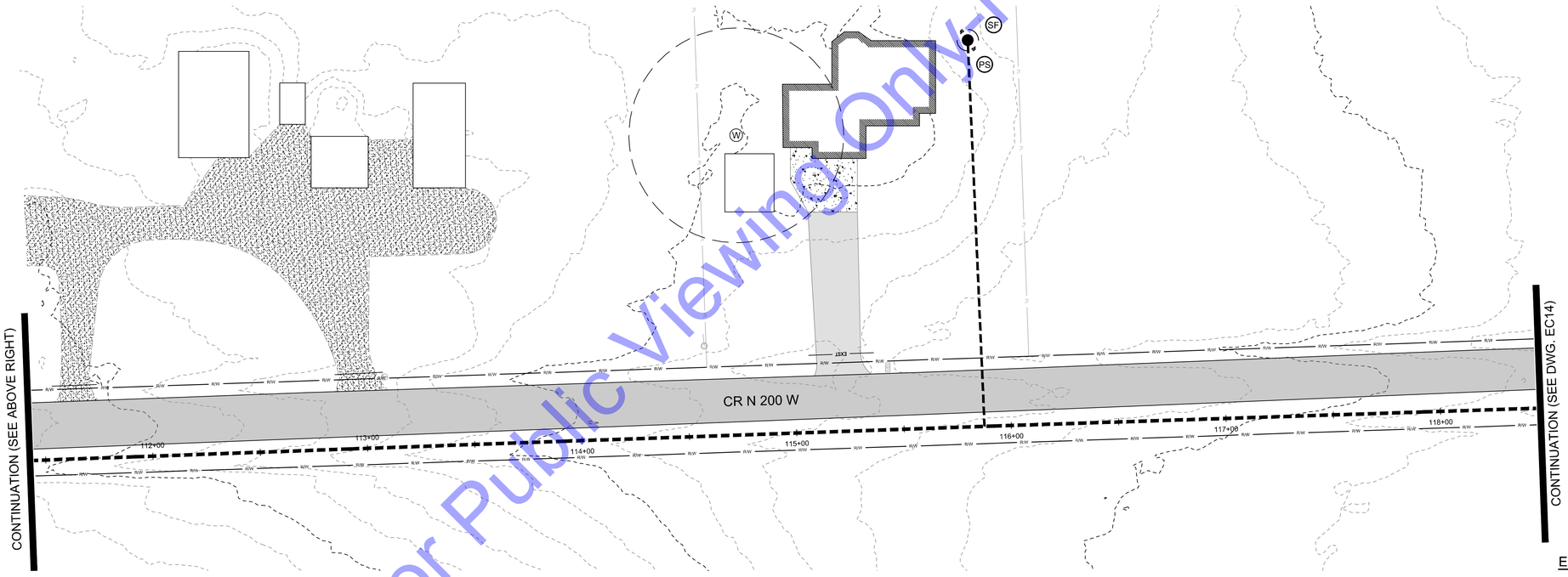
EROSION CONTROL PLAN
SCALE: 1"=30'-0"



SCALE: 1"=30'

30' 0 30'

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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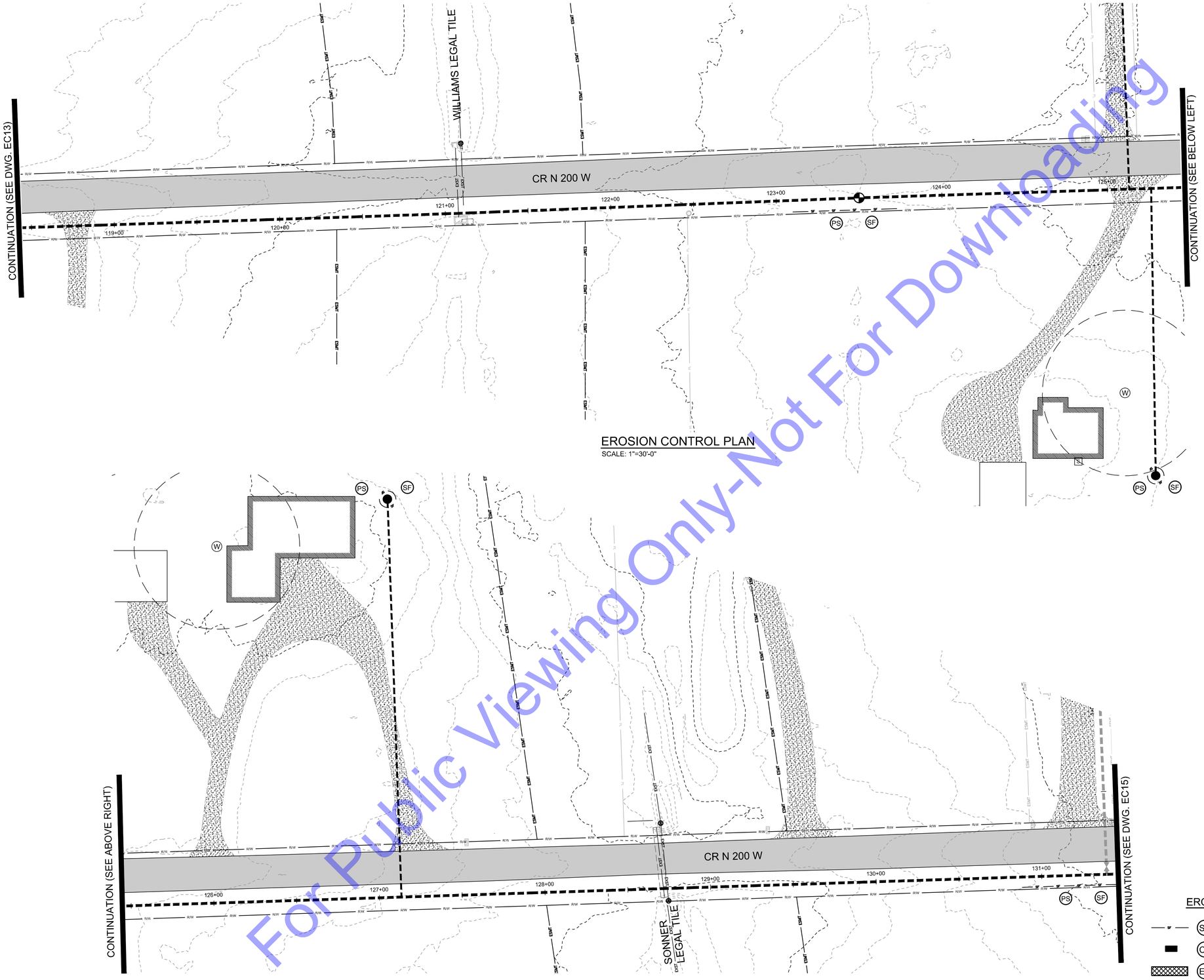

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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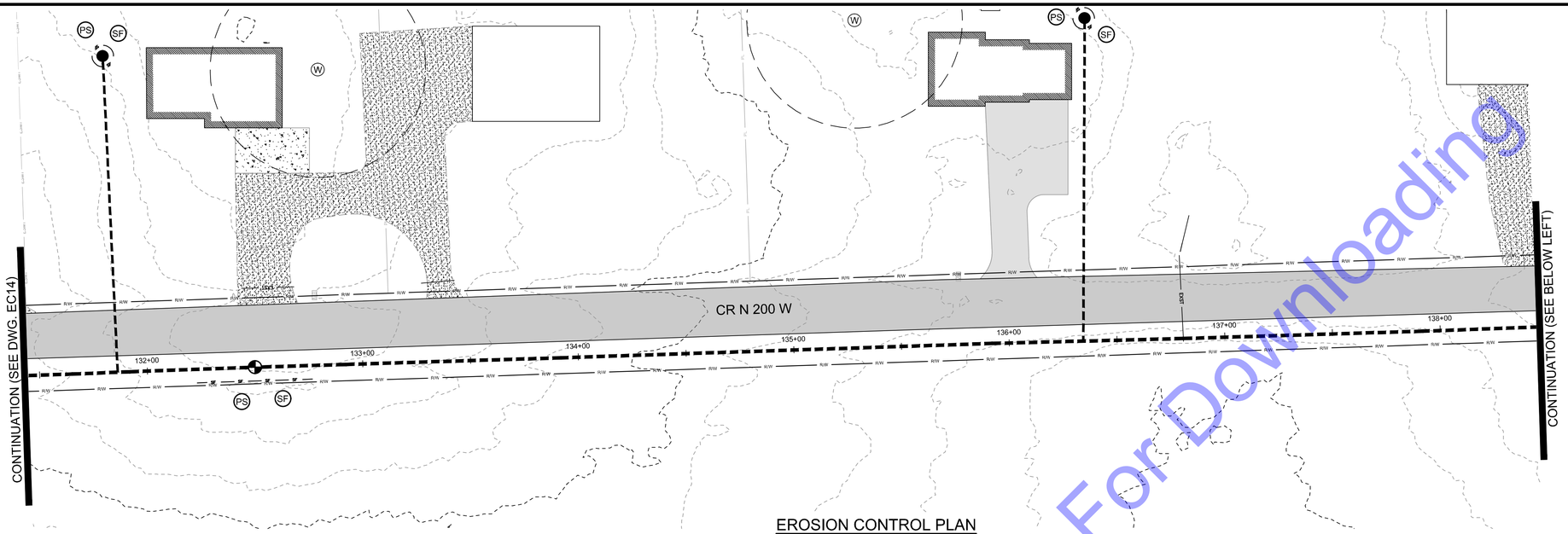

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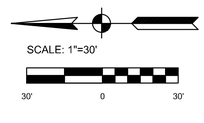

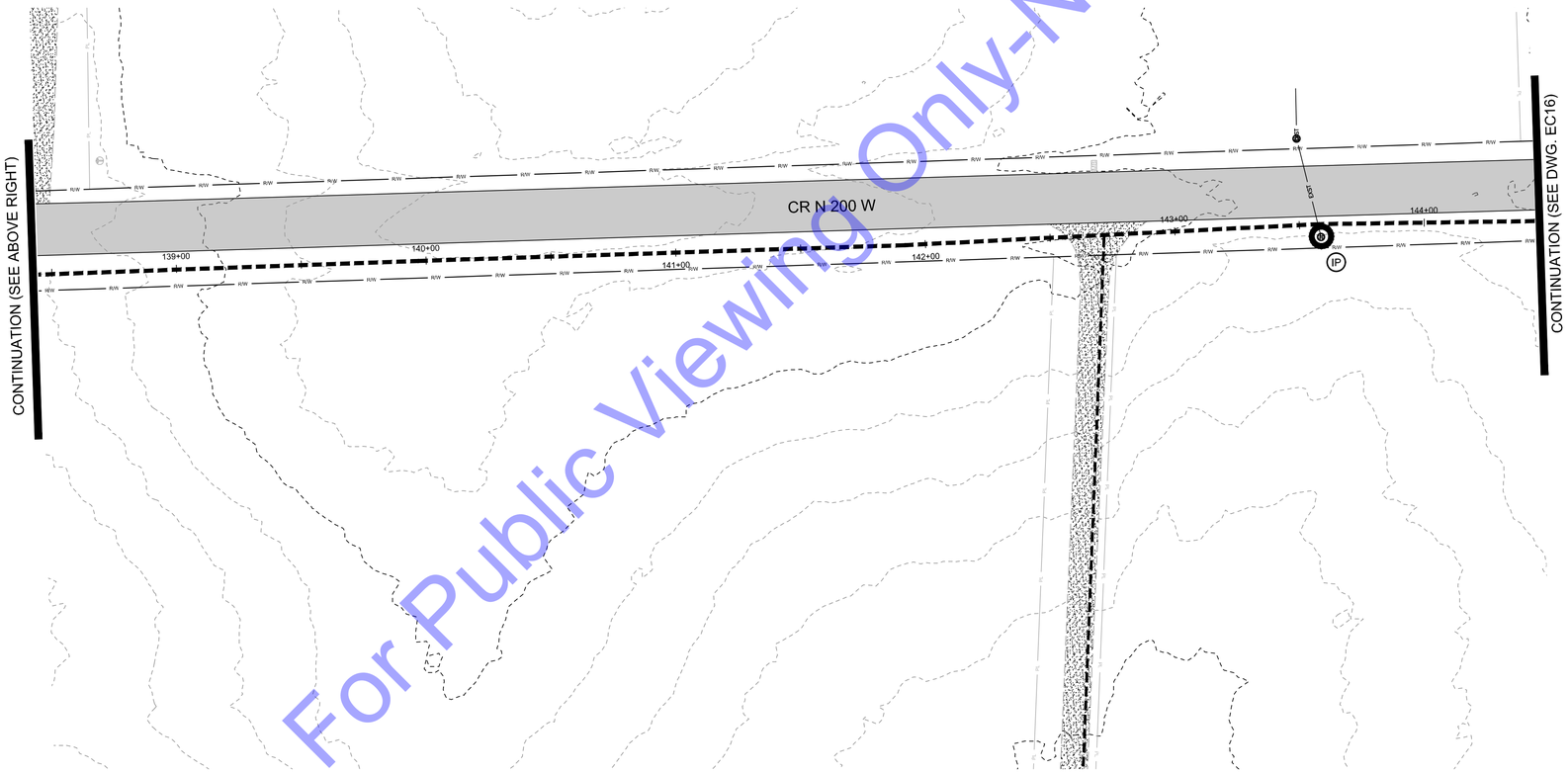

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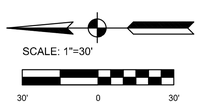

EROSION CONTROL LEGEND

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9/5/2025
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EROSION CONTROL PLAN

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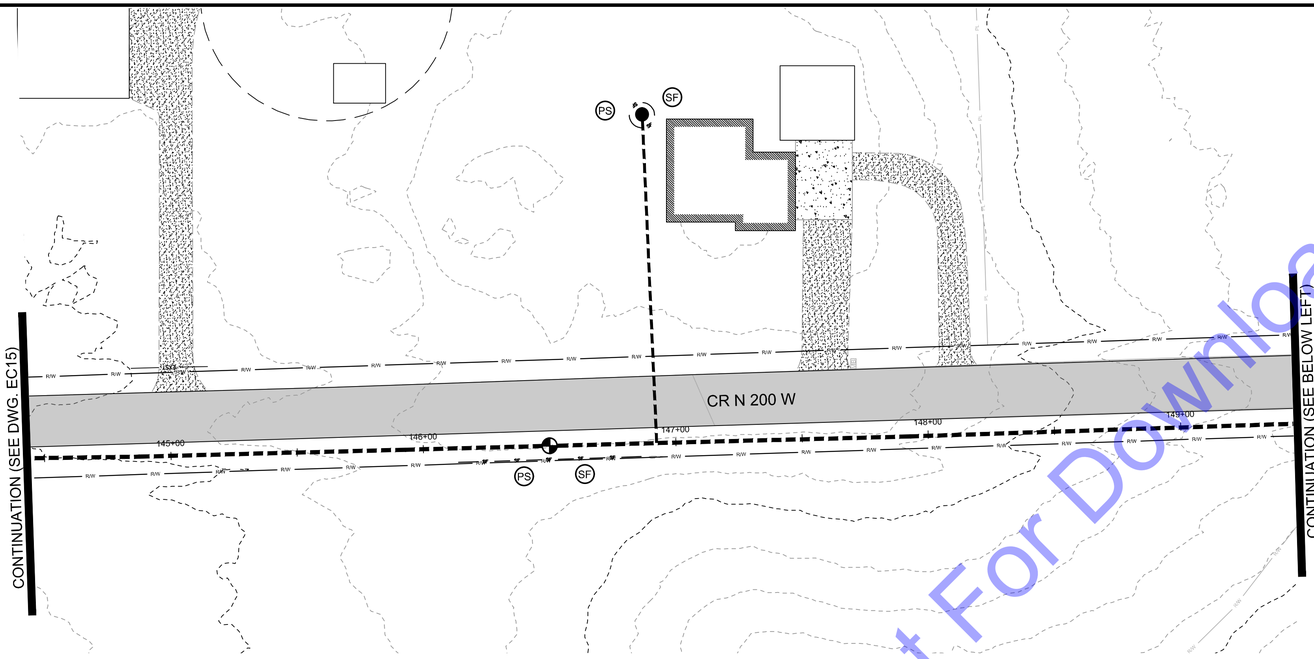
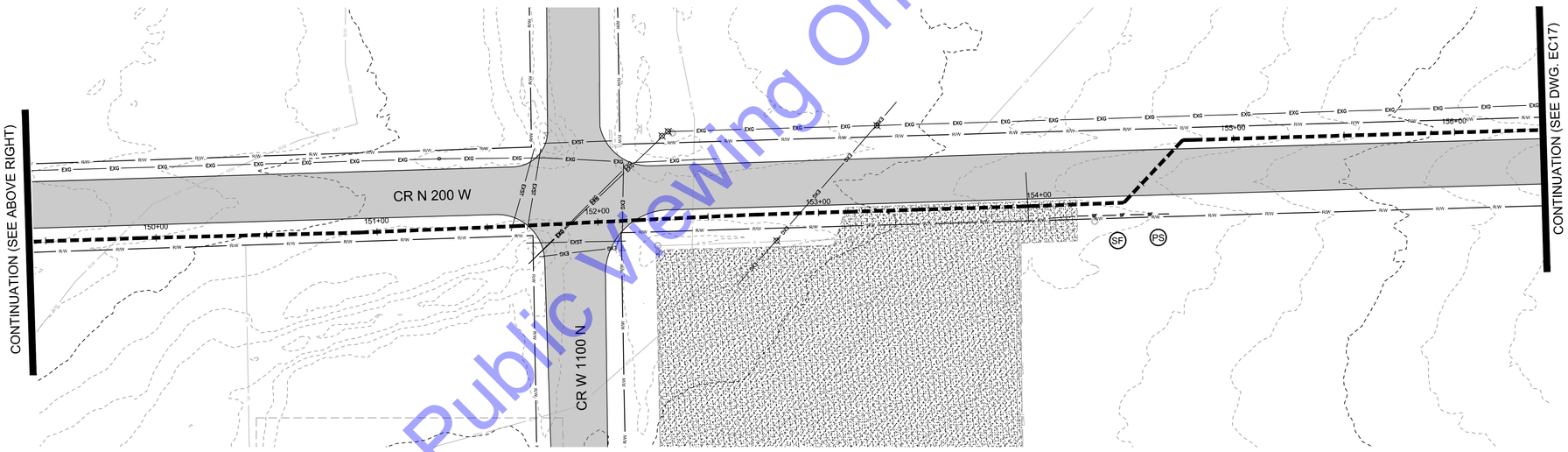


EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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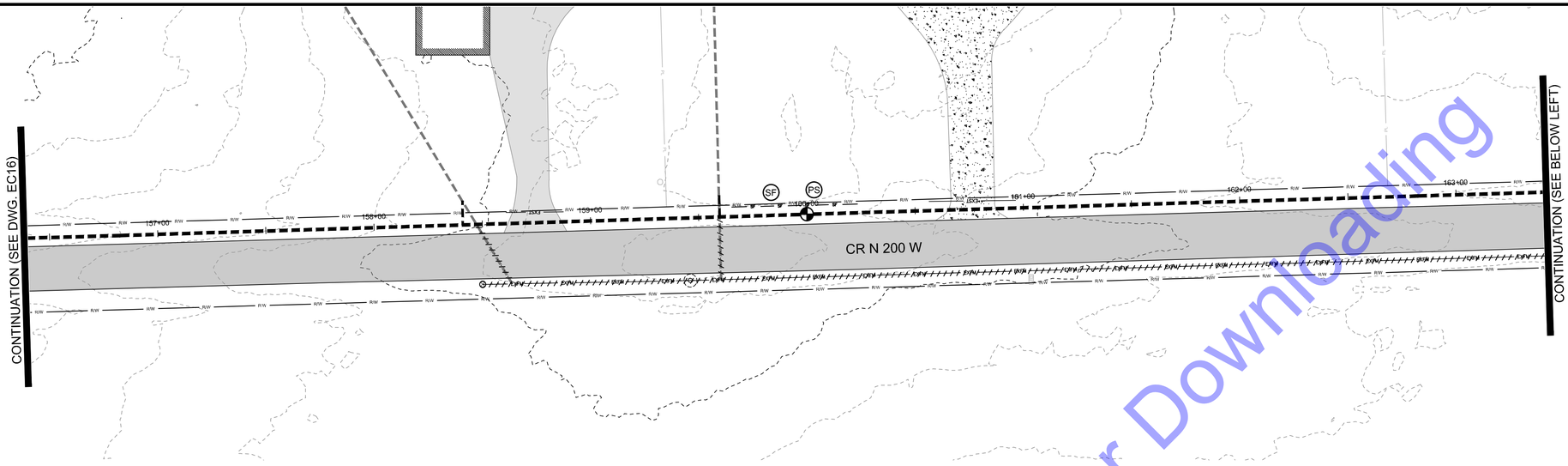

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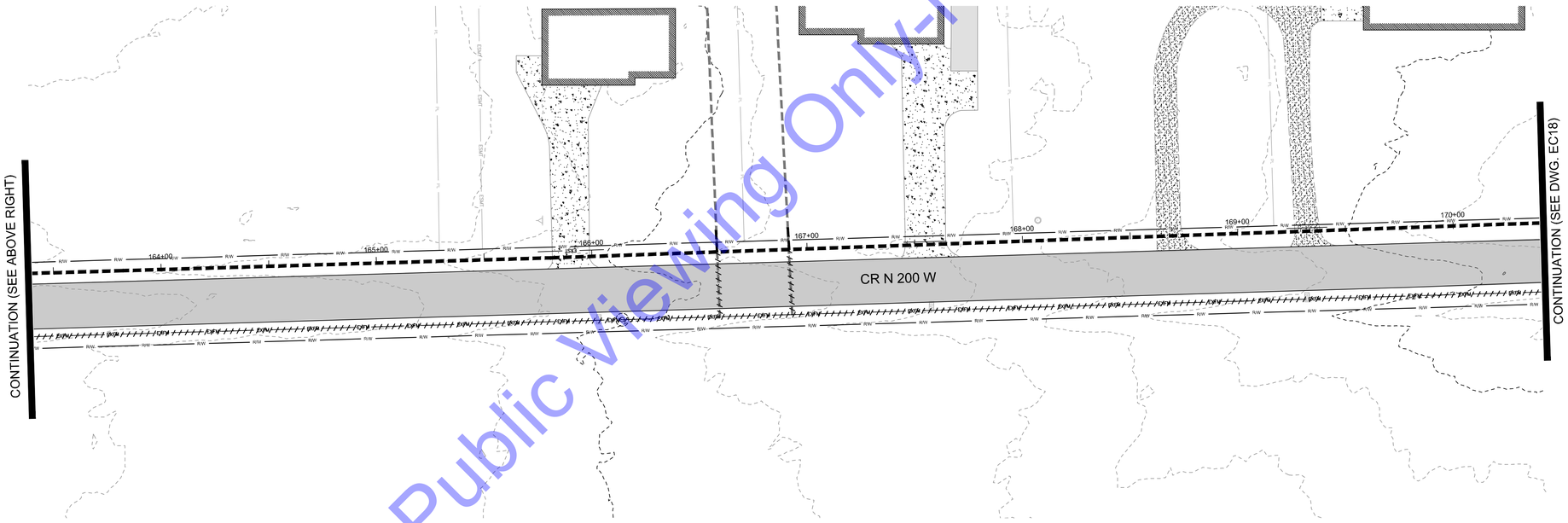

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

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EROSION CONTROL PLAN

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EC17
Sheet: 79 OF 95

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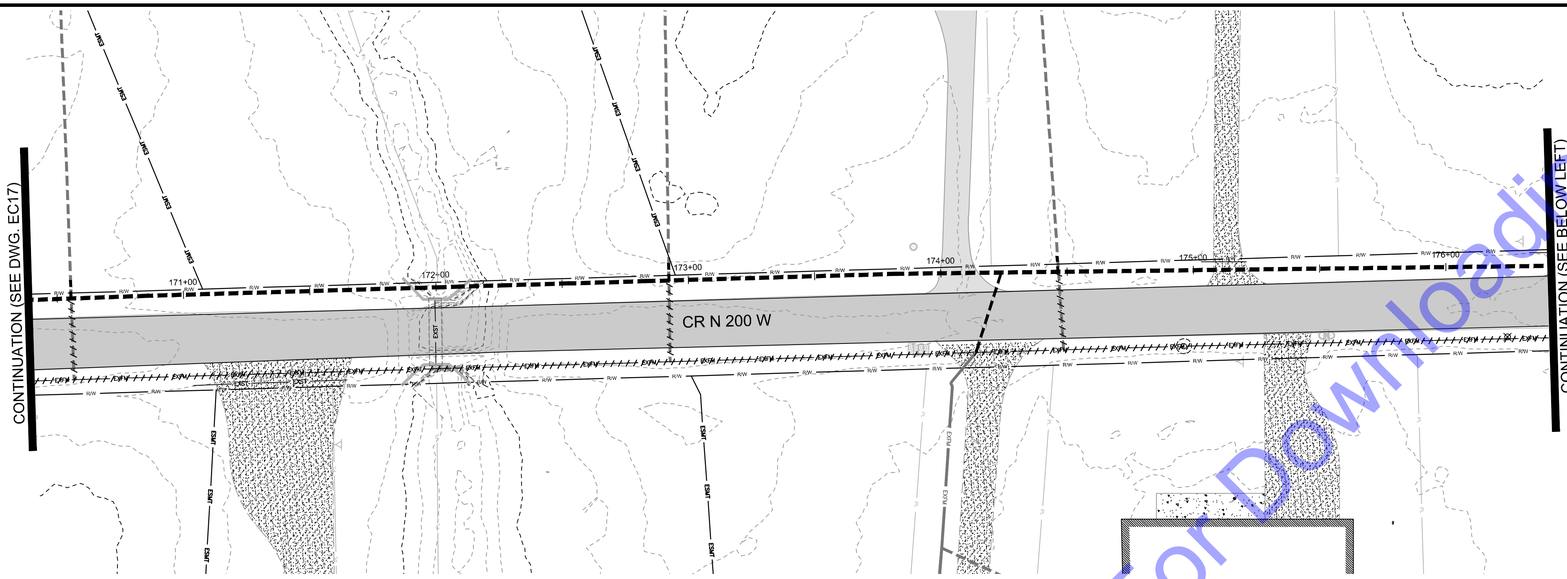
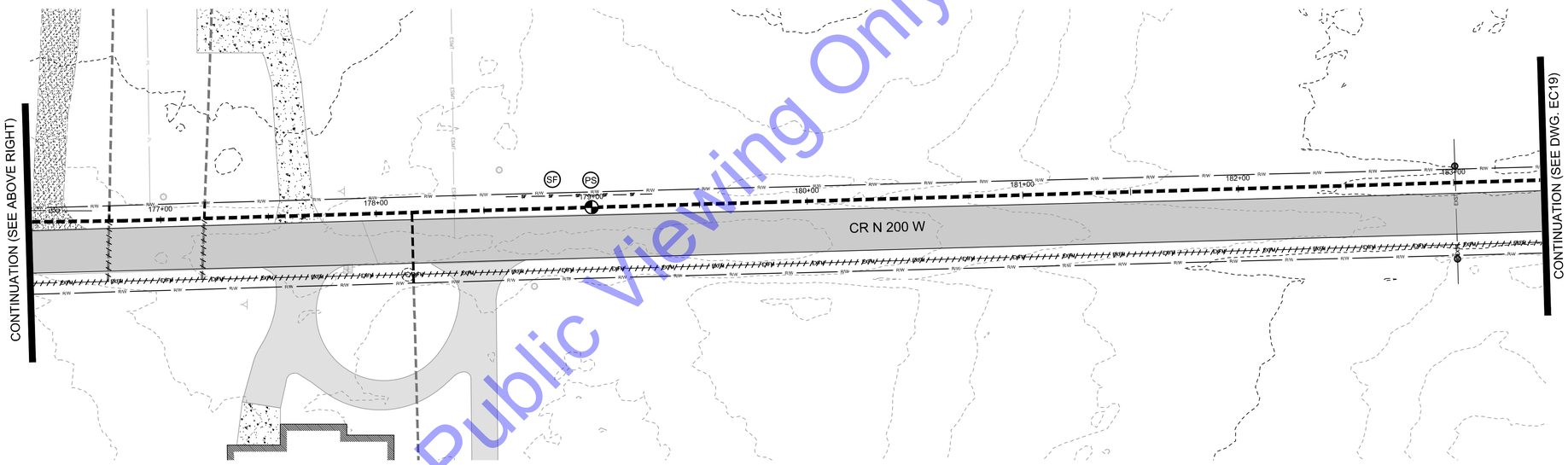


EROSION CONTROL PLAN
SCALE: 1"=30'-0"



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SEEDING/MULCHING

SCALE: 1"=30'
30' 0 30'

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No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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EROSION CONTROL PLAN

Drawing No: EC18

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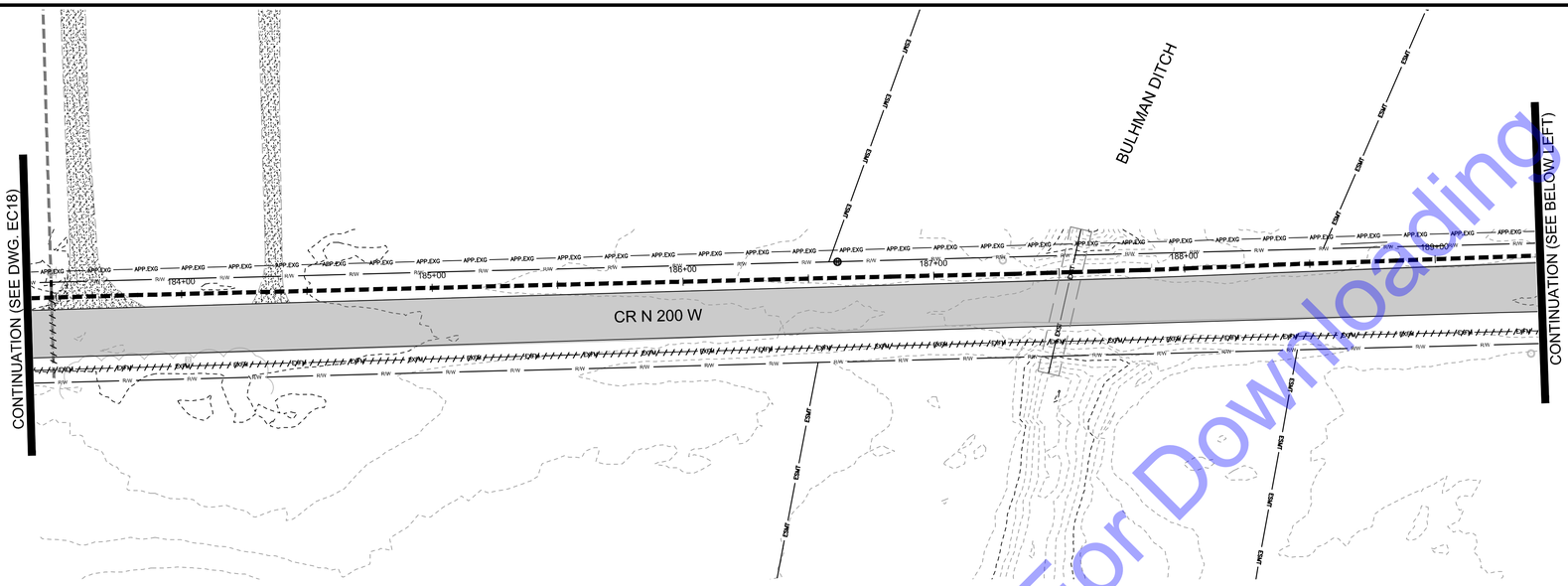
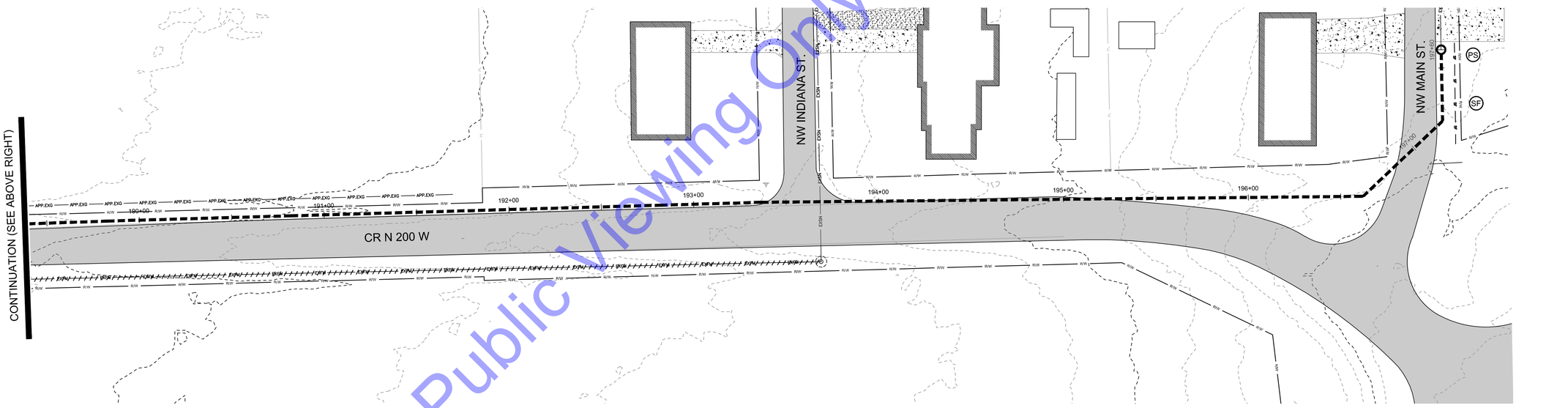


EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL LEGEND

— SF —	SF	SILT FENCE
▬	CD	ROCK CHECK DAM
▨	EB	EROSION CONTROL BLANKET
O	IP	INLET PROTECTION
	PS	PERMANENT SEEDING/MULCHING

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EROSION CONTROL PLAN

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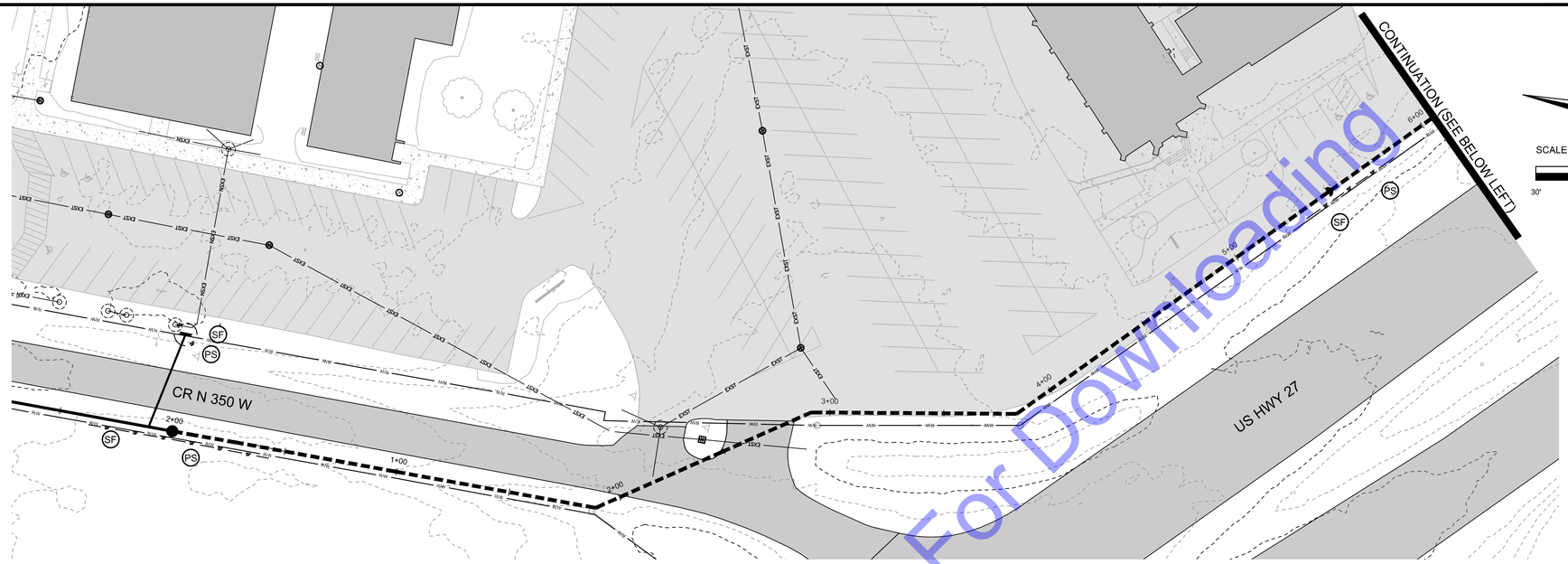

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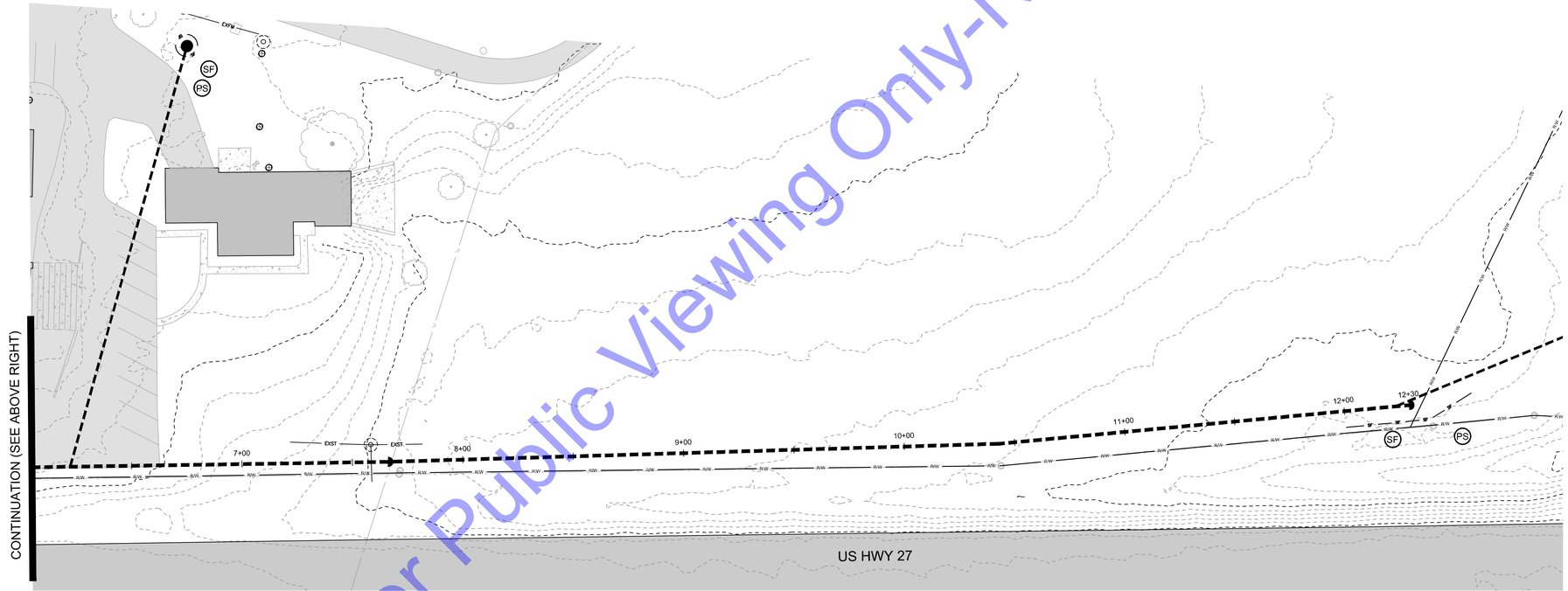

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SEEDING/MULCHING

SCALE: 1"=30'
30' 0 30'

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EROSION CONTROL PLAN

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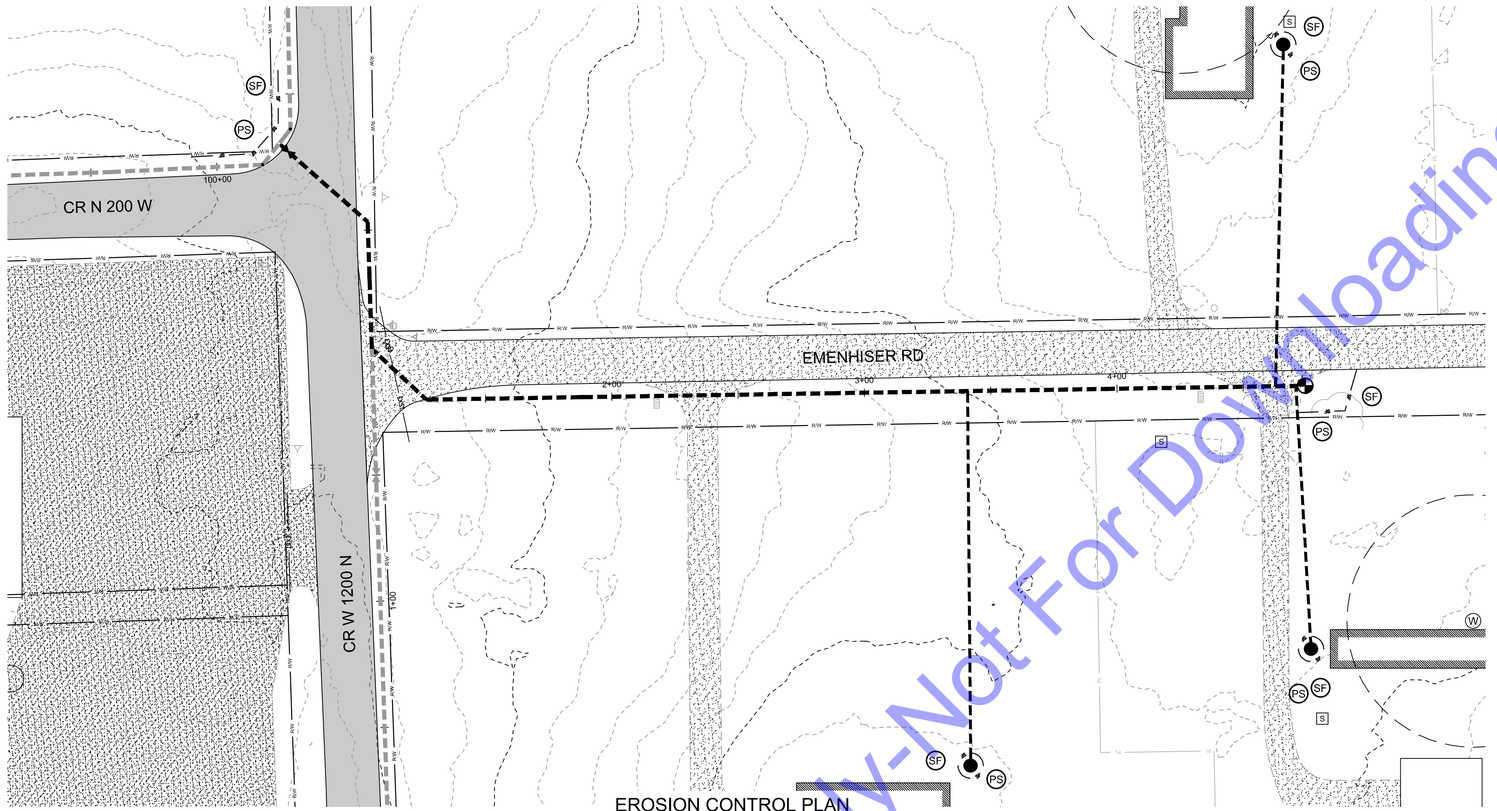
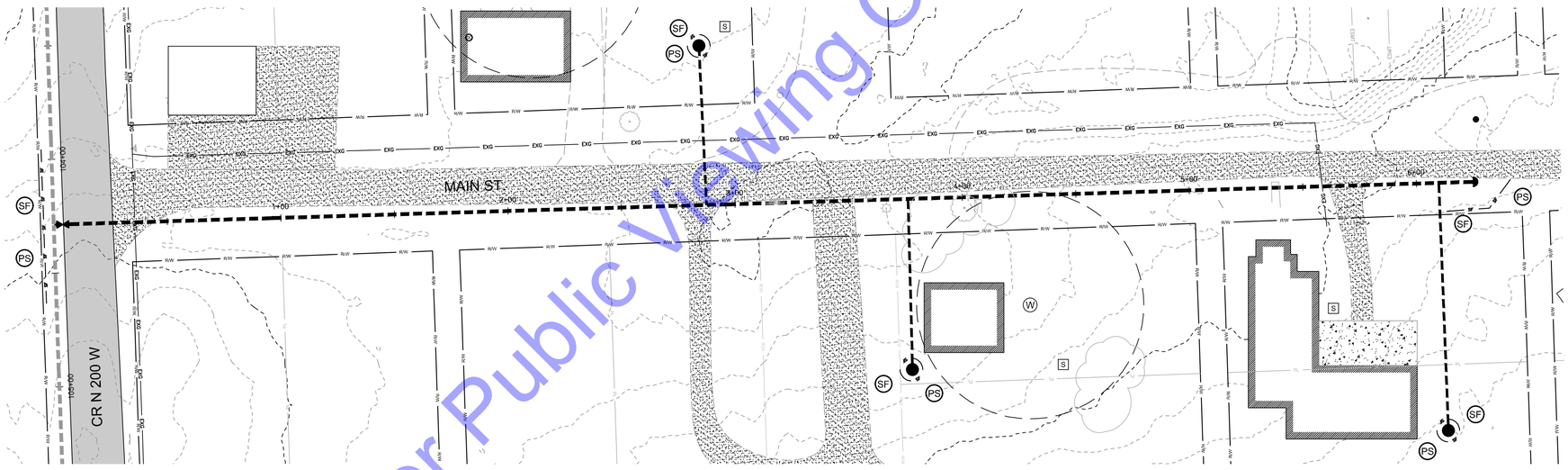


EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'



EROSION CONTROL PLAN
SCALE: 1"=30'-0"

SCALE: 1"=30'
30' 0 30'

EROSION CONTROL LEGEND

— ▪ —	SF	SILT FENCE
▬	CD	ROCK CHECK DAM
▨	EB	EROSION CONTROL BLANKET
○	IP	INLET PROTECTION
	PS	PERMANENT SEEDING/MULCHING

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EROSION CONTROL PLAN

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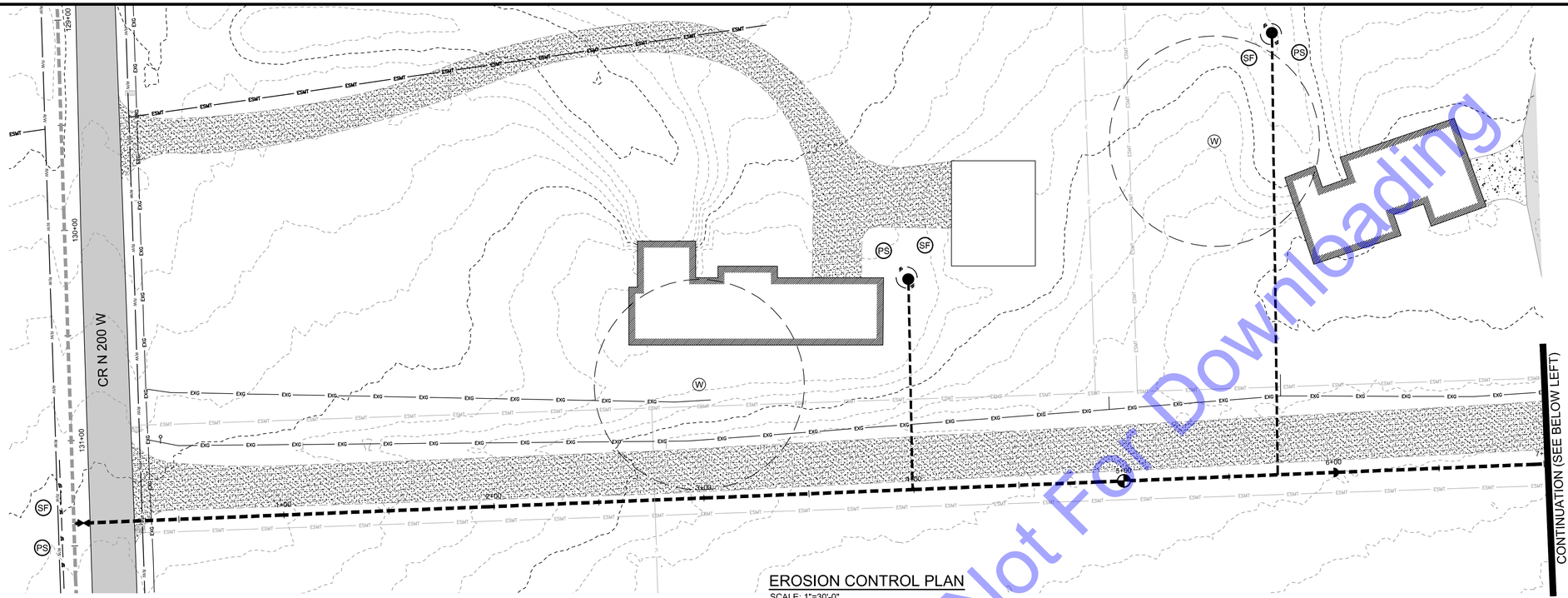

EROSION CONTROL PLAN
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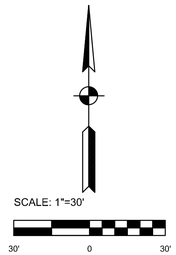

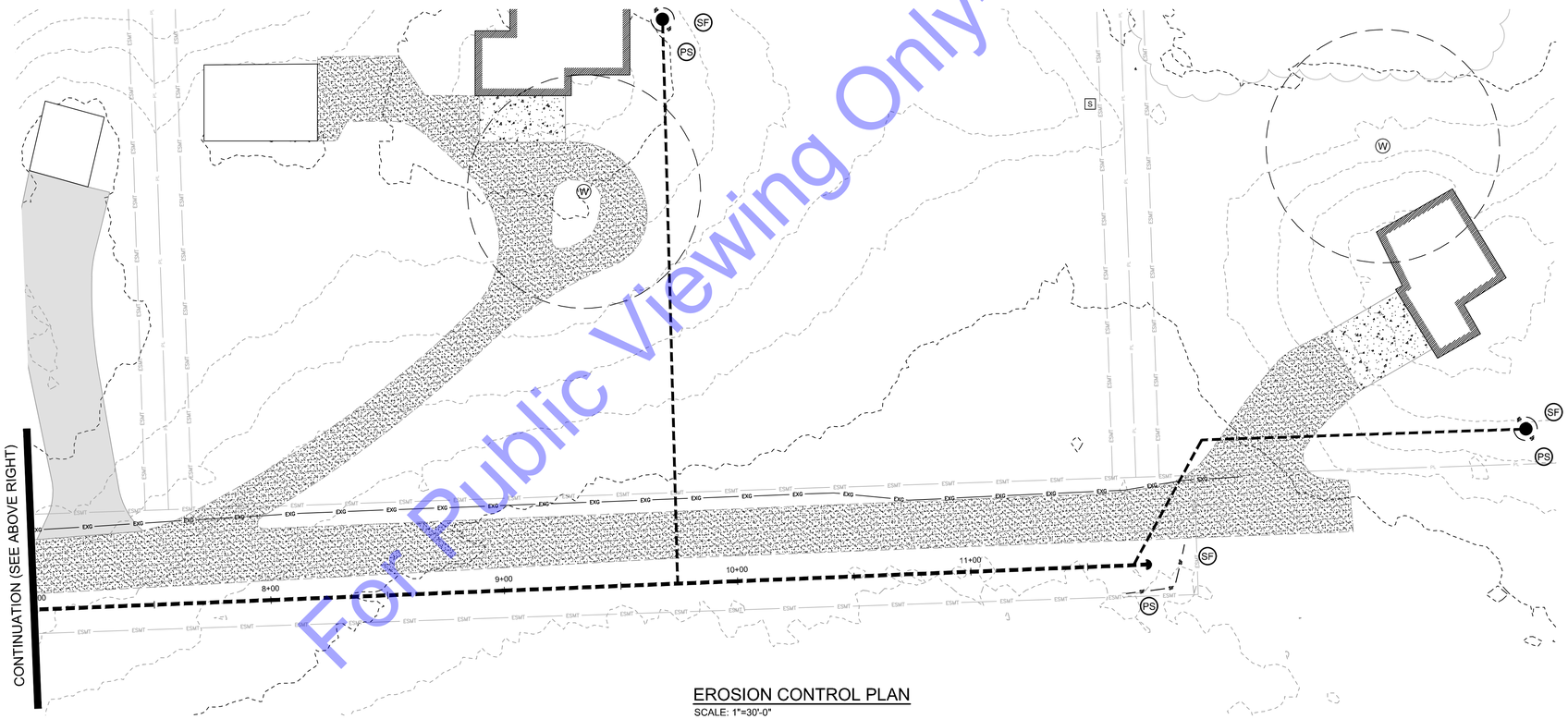

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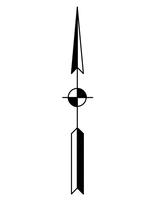

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
- PS — PERMANENT SEEDING/MULCHING

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ADAMS COUNTY, INDIANA

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EROSION CONTROL PLAN

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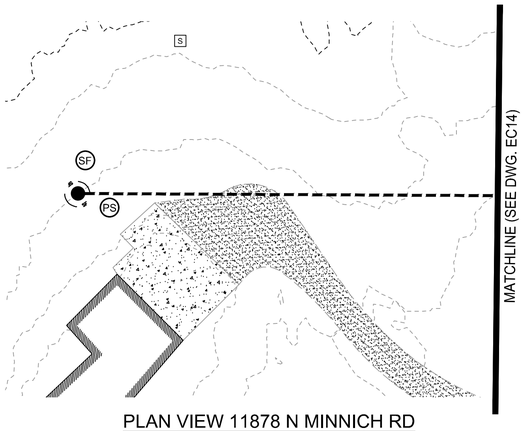
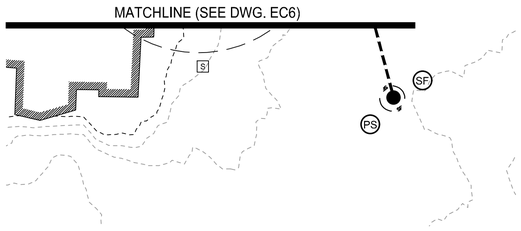
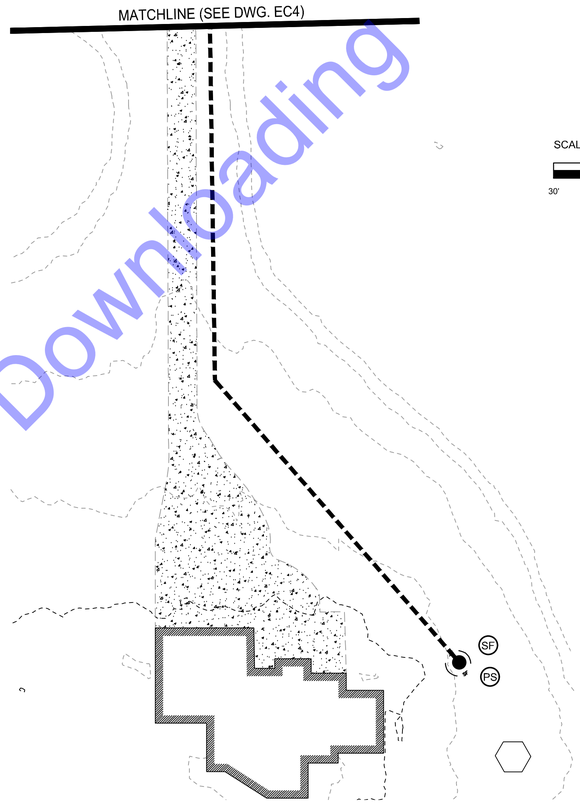


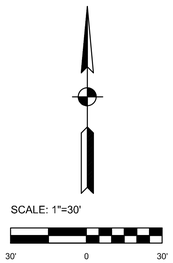
PLAN VIEW 11878 N MINNICH RD
SCALE: 1"=30'-0"

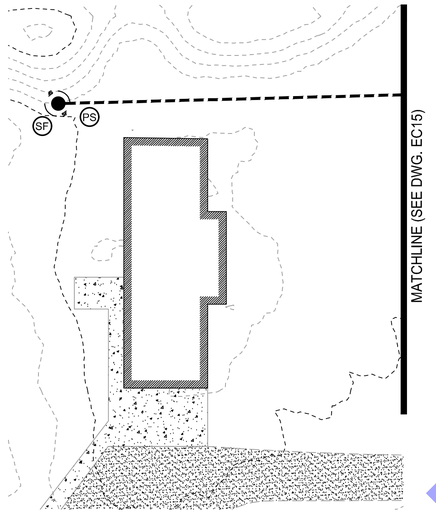


PLAN VIEW 3196 W 1200 N
SCALE: 1"=30'-0"

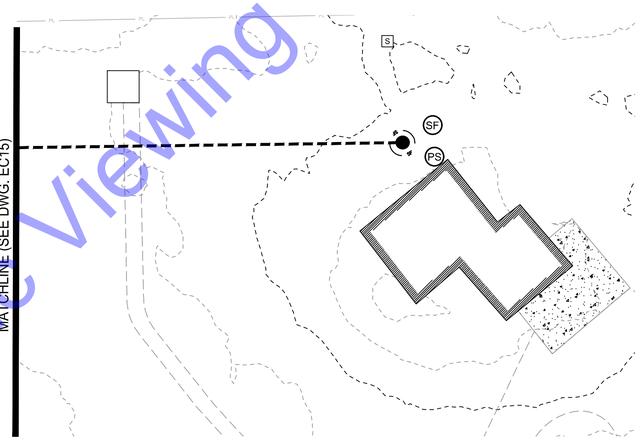


PLAN VIEW 3480 W 1200 N
SCALE: 1"=30'-0"





PLAN VIEW 11970 N MINNICH RD
SCALE: 1"=30'-0"



PLAN VIEW 11873 N MINNICH RD
SCALE: 1"=30'-0"

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

— ▪ —	SF	SILT FENCE
▬	CD	ROCK CHECK DAM
▨	EB	EROSION CONTROL BLANKET
○	IP	INLET PROTECTION
	PS	PERMANENT SEEDING/MULCHING

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Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

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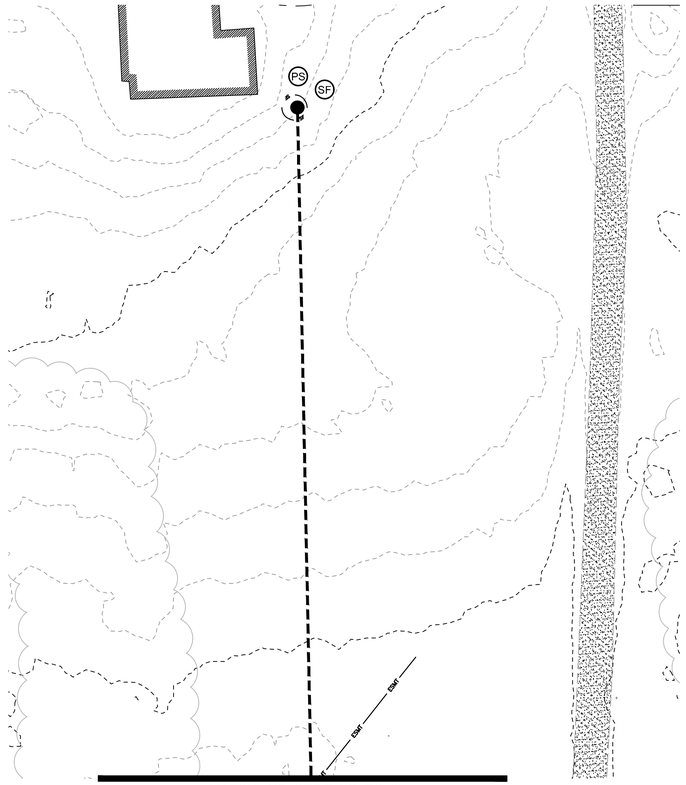
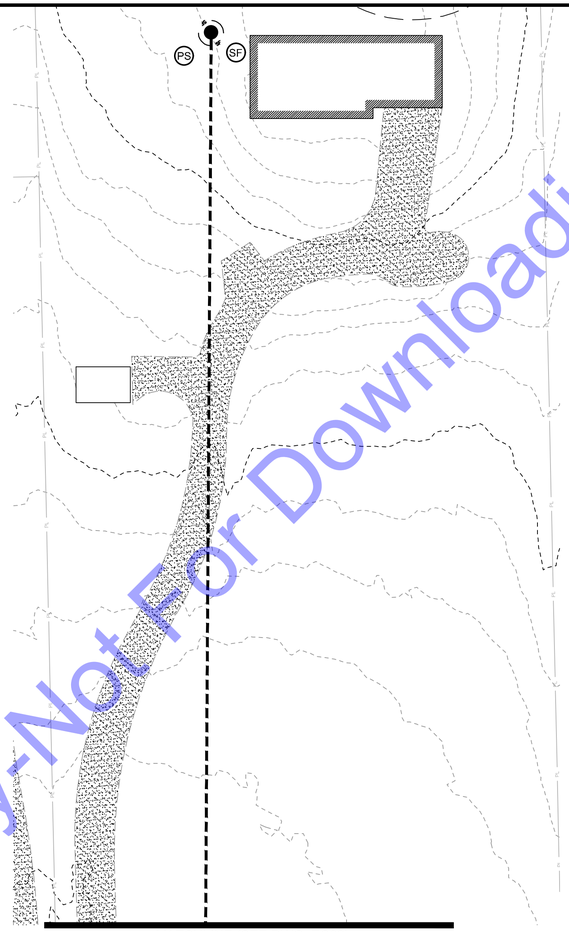


MATCHLINE (SEE DWG. EC19)

PLAN VIEW 11527 E SOUTH COUNTY LINE RD
SCALE: 1"=30'-0"



MATCHLINE (SEE DWG. EC22)

PLAN VIEW 12109 E SOUTH COUNTY LINE RD
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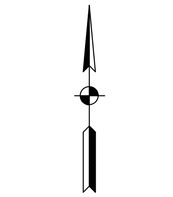
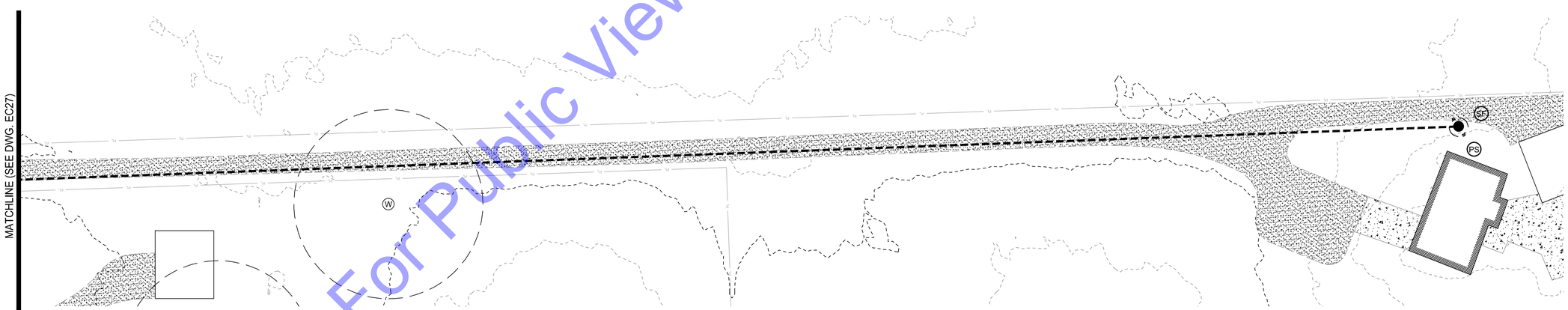


EROSION CONTROL LEGEND

SF	SILT FENCE
CD	ROCK CHECK DAM
EB	EROSION CONTROL BLANKET
IP	INLET PROTECTION
PS	PERMANENT SEEDING/MULCHING



PLAN VIEW 11495 N 200 W
SCALE: 1"=30'-0"

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

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EROSION CONTROL PLAN

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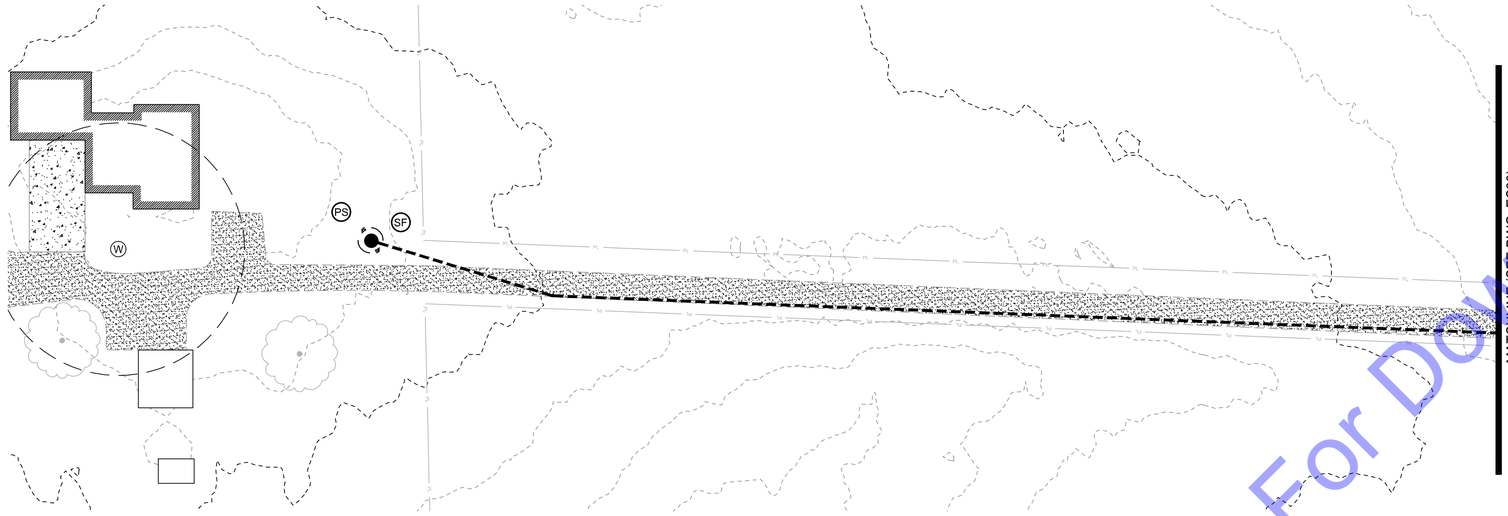
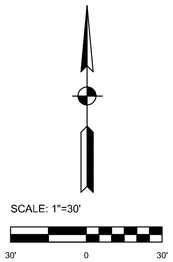
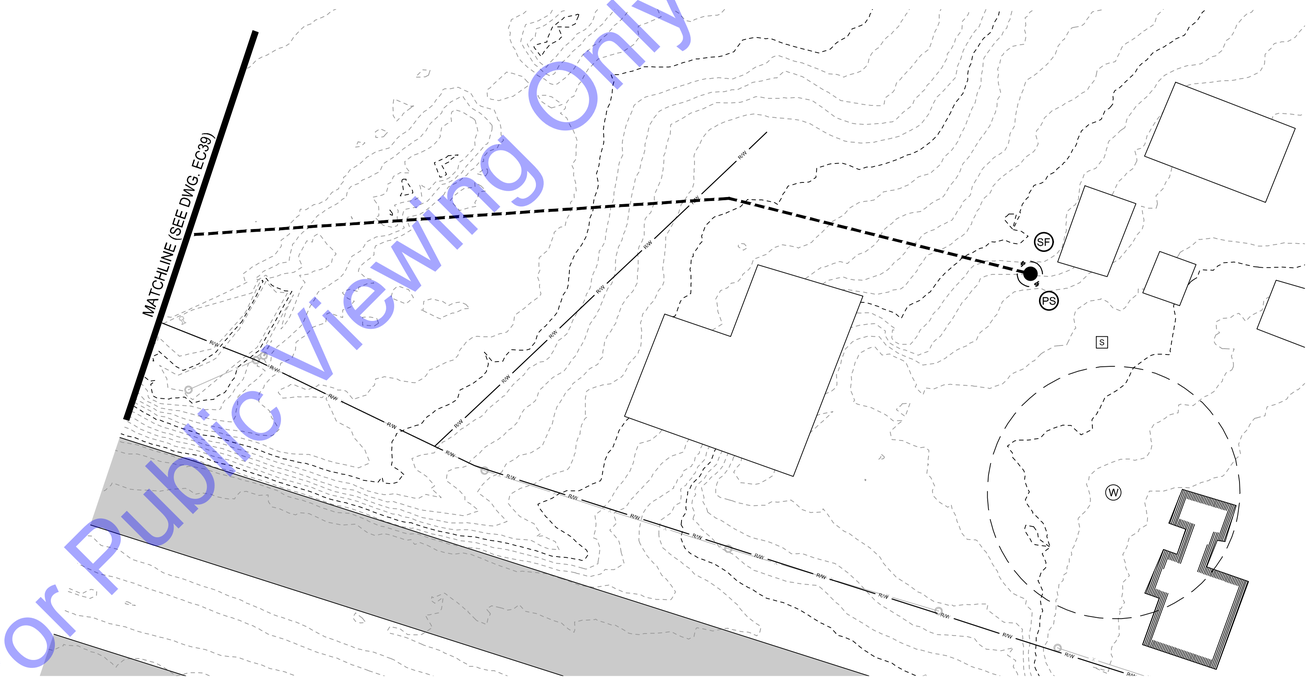


PLAN VIEW 11170 N 200 W
SCALE: 1"=30'-0"





PLAN VIEW 11363 N US HWY 27 **(ALTERNATE #1)**
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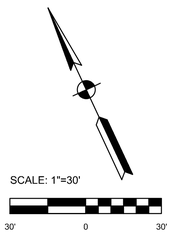

EROSION CONTROL PLAN
SCALE: 1"=30'-0"

EROSION CONTROL LEGEND

- SF — SILT FENCE
- CD — ROCK CHECK DAM
- EB — EROSION CONTROL BLANKET
- IP — INLET PROTECTION
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PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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No.	Submittal Revision	By	Date

Designed By:	Drawn By:	Checked By:
BW	BW/CH	BA
Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

EROSION CONTROL PLAN

Drawing No:
EC25
Sheet: 87 OF 95

File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\11 DRAWINGS\CONTRACT B\08 - EROSION CONTROL - B.DWG
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PROJECT NOTIFICATION

A. CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGN AND NOTICE AT A PUBLICLY ACCESSIBLE LOCATION NEAR THE PROJECT THAT DISPLAYS THE FOLLOWING INFORMATION:

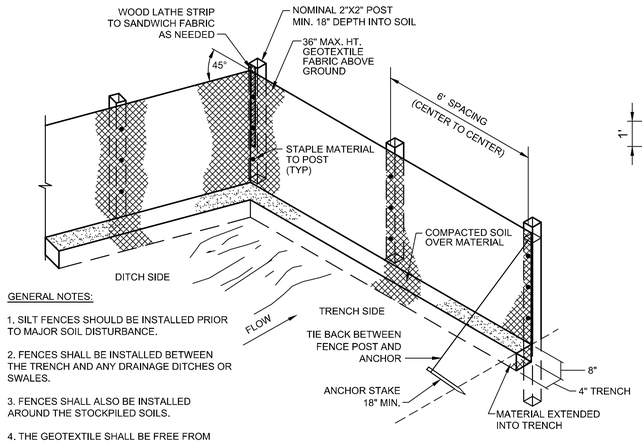
1. A COPY OF THE NOI LETTER AND THE NPDES NUMBER.
2. LOCATION OF THE CONSTRUCTION PLANS.
3. NAME, COMPANY NAME, TELEPHONE NUMBER, EMAIL ADDRESS (IF APPLICABLE) AND ADDRESS OF THE PROJECT SITE OWNER.
4. NAME OF THE CONSTRUCTION PROJECT AND AN ADDRESS OR GENERAL LOCATION OF THE PROJECT.
5. NAME OF THE RECEIVING WATER(S).
6. CONTACT INFORMATION (PHONE AND EMAIL) OF CONTRACTOR WHERE QUESTIONS MAY BE DIRECTED.
7. DATE THE NOTICE WAS POSTED.
8. BE LEGIBLE AND ON AN 8 ½" X 11" SHEET AT A MINIMUM.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE LOCAL SWCD, MS4 OR LOCAL JURISDICTION, PRIOR TO START OF CONSTRUCTION.

PROJECT DOCUMENTATION

B. CONTRACTOR SHALL MAINTAIN A PROJECT MANAGEMENT LOG THAT CONTAINS:

1. LOCATION OF EACH ACTIVITY RELATED TO ALL OFF-SITE BORROW SITES, DISPOSAL AREAS, AND STAGING AREAS THAT ARE OFF-SITE AND MEET CRITERIA NOTED IN CONSTRUCTION STORMWATER GENERAL PERMIT.
2. INFORMATION RELATED TO ALL PROJECT ACTIVITIES INCLUDING, BUT NOT LIMITED TO:
   a. SELF-MONITORING PROGRAM (SMP) REPORTS
   b. SMP REPORTS MUST BE COMPLETED BY A TRAINED INDIVIDUAL AS DESCRIBED IN THE CONSTRUCTION STORMWATER GENERAL PERMIT. CONTRACTOR SHALL RETAIN A COPY OF THE RESUME OF THE TRAINED INDIVIDUAL COMPLETING THE REPORTS WITHIN THE PROJECT MANAGEMENT LOG.
3. REGULATORY INSPECTIONS
4. RESPONSES TO A COMPLIANCE ACTION OR ENFORCEMENT ACTION.
5. RECORDS SHOWING THE DATES OF ALL STORMWATER POLLUTION PREVENTION PLAN (SWP3) MODIFICATIONS. THE RECORDS MUST INCLUDE THE NAME OF THE PERSON AUTHORIZING EACH CHANGE AND SEND A SUMMARY OF ALL CHANGES.

C. CONTRACTOR SHALL ENSURE SWP3 AND ALL SUPPORTING DOCUMENTATION ASSOCIATED WITH THE SMP AND PROJECT MANAGEMENT LOG ARE ACCESSIBLE AT THE PROJECT SITE OFFICE OR IN THE POSSESSION OF ON-SITE INDIVIDUALS WITH RESPONSIBILITY FOR THE OVERALL PROJECT MANAGEMENT OR ASSOCIATED WITH THE MANAGEMENT AND OPERATIONS OF CONSTRUCTION ACTIVITIES. ALL INFORMATION MUST BE PROVIDED TO IDEM OR THE INSPECTING AUTHORITY WITHIN 48 HOURS OF A REQUEST.



GENERAL NOTES:

1. SILT FENCES SHOULD BE INSTALLED PRIOR TO MAJOR SOIL DISTURBANCE.

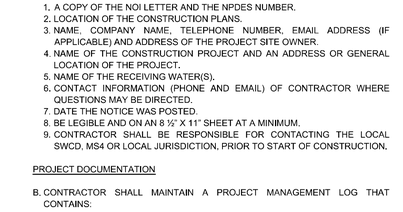
2. FENCES SHALL BE INSTALLED BETWEEN THE TRENCH AND ANY DRAINAGE DITCHES OR SWALES.

3. FENCES SHALL ALSO BE INSTALLED AROUND THE STOCKPILED SOILS.

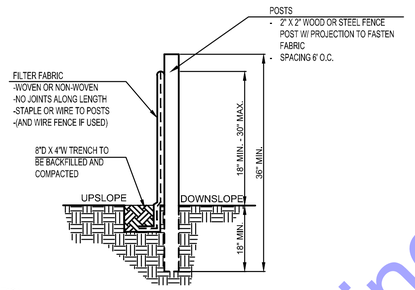
4. THE GEOTEXTILE SHALL BE FREE FROM DEFECTS, TEARS, PUNCTURES, FLAWS, DETERIORATION OR DAMAGE INCURRED DURING MANUFACTURE, TRANSPORTATION, STORAGE, OR INSTALLATION.

5. TIE BACKS SHALL BE PLACED AS REQUIRED.

SILT FENCE
NO SCALE



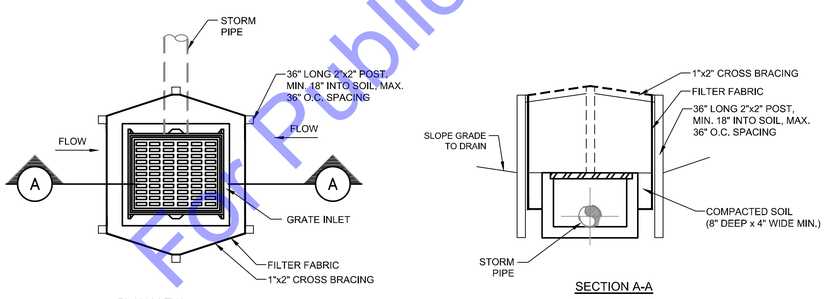
DITCH/SWALE RESTORATION DETAIL
N.T.S.



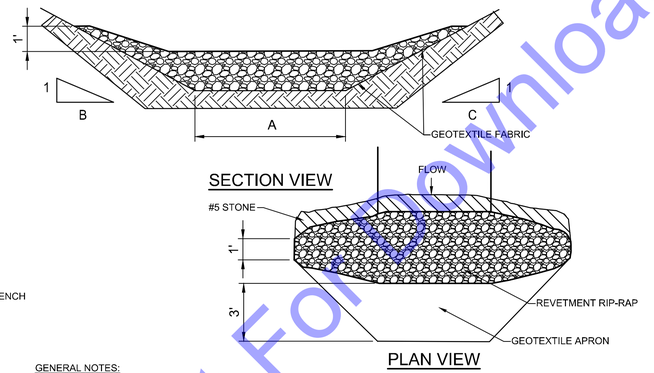
INSTALLATION:
1. THE BOTTOM 1' OF THE FENCE SHALL BE BURIED IN THE TRENCH ON THE UPSLOPE SIDE.
2. FENCE SHALL BE INSTALLED ALONG LEVEL GRADES, NOT ACROSS FLOW CHANNELS.
3. IF OPTIONAL SUPPORT WIRE FENCE IS USED, POST SPACING MAY BE EXTENDED TO 8' O.C.

MAINTENANCE:
1. INSPECT SILT FENCE PERIODICALLY (WEEKLY) AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DAMAGED OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
3. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE, OR IT IS CAUSING THE FABRIC TO BULGE.
4. TAKE CARE NOT TO UNDERMINE THE FENCE DURING SEDIMENT REMOVAL.
5. AFTER THE CONTRIBUTING AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND REMAINING SEDIMENT, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE.

SILT FENCE SECTION
NO SCALE



STORM INLET WITH SILT FENCE EROSION DETAIL



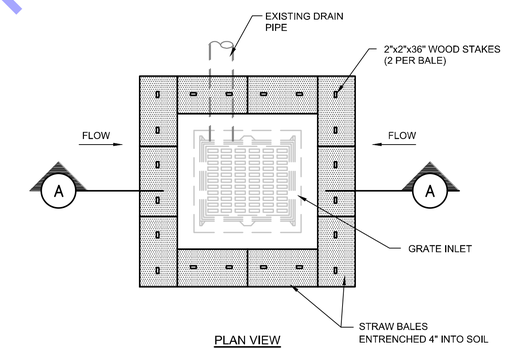
GENERAL NOTES:

1. TO BE INSTALLED DOWNSTREAM OF ALL EXCAVATIONS ACROSS DITCHES.

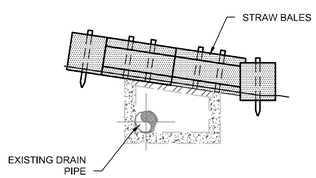
2. AFTER COMPLETION OF CONTRACT, OR AS REQUESTED BY OWNER, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL ITEMS, REMOVE ALL ACCUMULATED DEPOSITS AND, AS REQUIRED, SEED AND MULCH OR SOD AS REQUIRED TO ESTABLISH AREA TO CONDITION PRIOR TO CONSTRUCTION.

3. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL ASPECTS OF "327 IAC 15-5" AND THE INDIANA STORM WATER QUALITY MANUAL.

TEMPORARY RIP-RAP CHECK DAM DETAIL
NO SCALE



PLAN VIEW



SECTION A-A

STORM INLET IN TURFED AREAS PROTECTION DETAILS
NO SCALE

A. RESIDENTIAL/COMMERCIAL SEED MIXTURE

1. 35 PARTS KENTUCKY BLUEGRASS
2. 30 PARTS PERENNIAL RYE
3. 30 PARTS KENTUCKY FESCUE

B. MULCH

1. GOOD QUALITY DRY STORM
2. WOOD CELTULOSE OR CANE FIBER
3. MANUFACTURED EROSION CONTROL BRACKET NORTH AMERICA GREEN S-75 OR EQUAL

C. FERTILIZER AND LIME

1. AGRICULTURAL HYDRATED LIME
2. FERTILIZER 10-20-10

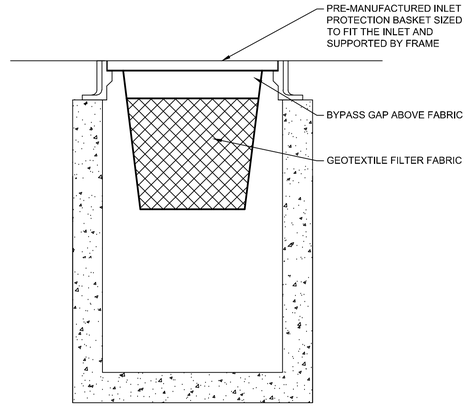
D. ROADSIDE BANK STABILIZATION MIXTURE (INDOT)

1. SEED MIXTURE CV WITH SUPPLEMENTAL
2. COLOR MIX PER INDOT SEED AND SODDING SPECIFICATION (LATEST EDITION)

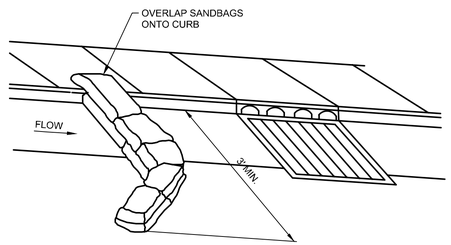
NOTE: SEE DETAILED SPECIFICATION SECTION 12 - FINAL GRADING AND SEEDING FOR INSTALLATION REQUIREMENTS.

FINAL SEEDING AND GRADING

MAINTENANCE:
1. INSPECT DAILY, AND AFTER EACH STORM EVENT OR HEAVY USE.
2. RESHAPE AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
3. TOPDRESS WITH CLEAN STONE AS REQUIRED. MAINTAIN MINIMUM DEPTH THROUGHOUT CONSTRUCTION.
4. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY SWEEPING OR BRUSHING. (DO NOT FLUSH AREA WITH WATER UNLESS WATER IS CONVEYED TO SEDIMENT TRAP.)
5. REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.



INSERT (BASKET) INLET PROTECTION
N.T.S.



IN PAVED AREAS

SANDBAG DIVERSION AT CURB INLET
NO SCALE

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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BW	BW/CH	BA
Issue Date:	Project No:	Scale:
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EROSION CONTROL DETAILS

Drawing No:
EC26
Sheet: 88 OF 95

File: Z:\SHAREDIN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CADA CURRENT FILES\1 DRAWING\CONTRACT B\08 - EROSION CONTROL - B.DWG
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Construction Plan – General Plan Components (Section A)

A1 Index of the location of required plan elements in the construction plan:

This document represents the plan index. The content is organized around the Indiana Department of Environmental Management (IDEM) Construction Stormwater General Permit (CSGP) Construction/Stormwater Pollution Prevention Plan (SWPPP) Development Guidance. Details are specific to the Adams County Water Utility Improvements Project – Contracts A, B & C.

A2 A vicinity map depicting the project site location in relationship to recognizable local landmarks, Cities, and major roads:

Aerial maps illustrating the approximate extent of the project are shown in the plans for Contracts A, B & C.

A3 Narrative of the nature and purpose of the project: `

The primary purpose of the proposed sewer system improvements is to provide reliable sewer service to unincorporated areas within Adams County, addressing failing individual septic systems and outdated infrastructure. The projects include a range of improvements, with Contract A focusing on increasing the capacity of the existing Monmouth Lift Station, expanding service to underserved areas, and replacing approximately 9,467 linear feet of 6-inch pressure sewer, along with the reconnection of low-pressure sewers and laterals, and the installation of 4 simplex grinder pump stations. Additionally, construction in the Monmouth Service Area will include a force main replacement and a connection to the City of Decatur's Wastewater Treatment Plant.

Contract B project aims to expand the sanitary sewer system to areas beyond existing municipal service zones. This includes the installation of pressure sewer lines, the addition of grinder pump stations, and addressing inflow and infiltration issues in the current sewer network. The improvements will ensure a connection to a nearby force main for treatment, ultimately replacing failing septic systems with a reliable, code-compliant sewer system to enhance public health and environmental conditions in the Town of Williams.

Contract C focuses on extending the sanitary sewer system to areas outside established municipal service zones, with approximately 8,687 linear feet of 3-inch pressure sewer, 4,388 linear feet of 2-inch pressure sewer, and 36 simplex grinder pump stations. The project will also address inflow and infiltration issues in an existing sanitary collection system, with a connection to the City of Decatur's 6-inch force main for treatment. All contracts aim to improve public health and environmental conditions by replacing failing septic systems with a reliable, code-compliant sewer collection system.

A4 Latitude and longitude to the nearest fifteen (15) seconds:

This approximate latitude and longitude for Contract A project site is 40.868748°N, -84.945570°W.

This approximate latitude and longitude for Contract B project site is 40.915690°N, -84.984855°W.

This approximate latitude and longitude for Contract C project site is 40.806544°N, -84.912819°W.

A5 Legal description of the project site:

The project is in residential city and town of Decatur and Williams in Adams County. Contract A is in Root and Washington Township in Section 34, T28N and R14E and Section 3, T27N, R14E. Contract B is in Root Township in Sections 1, 5, 6, 8 and 17, T28N, R14E. Contract C is located in Washington Township in Section 11, T27N, R14E.

A6 11x 17-inch plat showing building lot numbers/boundaries and road layout/names:

All lot boundaries and road names are shown on each set of plans.

A7 Boundaries of the one hundred (100) year floodplains, floodway fringes, and floodways:

The FEMA FIRM panels are 18001C0106E (Contract A, **Exhibit #1A**), 18001C0102E (Contract A, **Exhibit #1B**), 18001C0025E (Contract B, **Exhibit #1C**), 18001C0040E (Contract B, **Exhibit #1D**) and 18001C0116E (Contract C, **Exhibit #1E**). Portions of the project are located within the FEMA mapped floodplain.

A8 Land use of all adjacent properties:

Land use at the project sites and the surrounding areas is shown in **Exhibit #2A, #2B, #2C**.

Contract A predominant land uses are identified as cultivated crops, hay/pasture, deciduous forest, as well as developed low, medium and high intensity land.

Contract B predominant land uses are identified as cultivated crops, hay/pasture, deciduous forest, as well as developed low, medium and high intensity land.

Contract C predominant land uses are identified as cultivated crops, hay/pasture, deciduous forest, as well as open water, developed open, low, medium and high intensity land.

A9 Identification of a U.S. EPA approved or established TMDL:

The project area in Contract A is located within the Weber Ditch-Saint Mary's River (HUC-12: 041000040502) and City of Decatur-Saint Mary's River (HUC-12: 041000040408) watersheds. The Weber Ditch-Saint Mary's River and City of Decatur-Saint Mary's River sub-watersheds has an established TMDL for *Escherichia coli (E. coli)*.

The project area in Contract B is located within the Weber Ditch-Saint Mary's River (HUC-12: 041000040502) watershed. The Weber Ditch-Saint Mary's River and Saint Mary's River sub-watersheds, ditches and tiles has an established TMDL for *Escherichia coli (E. coli)*.

The project area in Contract C is located within the Borum Run (HUC-12: 041000040407) and City of Decatur-Saint Mary's River (HUC-12: 041000040408) watersheds. The Borum Run and City of Decatur-Saint Mary's River sub-watersheds has an established TMDL for *Escherichia coli (E. coli)*.

A10 Name(s) of the receiving water(s):

The receiving water body in the project areas is Saint Mary's River.

A11 Identification of discharges to a water on the current 303(d) list of impaired waters and the pollutant for which it is impaired:

Portions of Saint Mary's River throughout the Cities are listed on IDEM's 303(d) list of impaired waters for *E. coli* and other pathogens.

A12 Soils map of the predominate soil types:

The soils map for Contract A this project is shown in **Exhibit #3A-C**. The soils in the project areas consist mainly of "Na" "Nappanee silt loam", "SaB2" "St. Clair clay loam", "SocA" "Sloan silty clay loam", and "Pm" "Pewamo silty clay". These soils typically have slopes between zero (0) and eight (8) percent.

The soils map for Contract B this project is shown in **Exhibit #3D-F**. The soils in the project areas consist mainly of "Na" "Nappanee silt loam", "Pm" "Pewamo silty clay", "BleA" "Blount silt loam", and "SaB2" "St. Clair clay loam". These soils typically have slopes between zero (0) and eight (8) percent.

The soils map for Contract C this project is shown in **Exhibit #3G-I**. The soils in the project areas consist mainly of "BgmA" "Blount silt loam", "BgmB" "Blount silt loam", ""Pm" "Pewamo silty clay", and "GlsB" "Glynwood silt loam". These soils typically have slopes between zero (0) and six (6) percent.

Construction projects are not expected to have any detrimental, long-term impacts on the soils. Short-term impacts will relate only to excavation activities for the proposed system improvements and will be minimal. These impacts can be mitigated using appropriate techniques for erosion control and surface restoration during and after construction.

Seasonal wetness is likely to be the main limitation of the soils in the construction area. For this project, construction problems associated with wet soils will be best overcome by completing open excavation work during favorable conditions and coordinating work activities based upon weather and soil conditions. Under severe soil wetness conditions,

A13 Identification and location of all known wetlands, lakes, and water courses on or adjacent to the project site (construction plan, existing layout):

All wetlands, lakes, and water courses located within and near the project area have been identified and are shown in **Exhibit #4A, #4B, #4C**. Wetlands within the project area primarily occur along Saint Mary's River and its tributaries. Anticipated project sites are not located within designated wetland areas. No adverse impacts to wetlands are anticipated as part of the proposed projects.

A14 Identification of any other state or federal water quality permits or authorizations that are required for construction activities:

All water main crossings at the Saint Mary's River tributaries will be horizontally directionally drilled. Several county regulated drain crossings will occur across all contracts and will require a County Regulated Drain Permit.

A15 Identification and delineation of existing vegetative cover, including natural buffers:

Land use in the project area is primarily developed open space, developed low intensity, hay/pasture and cultivated crops. No natural buffers will be impacted by the project as the sanitary sewer extensions will be directionally drilled.

A16 Existing site topography at an interval appropriate to show detailed drainage patterns:

Detailed contour lines are shown on the plan sheets to indicate drainage patterns within the construction limits.

A17 Location(s) where run-off enters the project site:

Detailed contour lines are shown on plan sheets to indicate drainage patterns within the construction limits.

A18 Location(s) where run-off discharges from the project site prior to land disturbance:

Detailed contour lines are shown on plan sheets to indicate drainage patterns within the construction limits.

A19 Location of all existing structures on the project site:

The location of all existing structures on the project sites can be seen in the plans.

A20 Existing permanent retention or detention facilities, including manmade wetlands, designed for the purpose of stormwater management:

There are no existing permanent retention or detention facilities used for stormwater management within the project area.

A21 Locations where stormwater may be directly discharged into ground water, such as abandoned wells, sinkholes, or karst features:

There is one abandoned well located close to the cemetery.

There are no sinkholes or karst features located within the project area.

A22 Size of the project area expressed in acres:

The project area for Contract A is approximately 3.86 acres.

The project area for Contract B is approximately 9.07 acres.

The project area for Contract C is approximately 2.34 acres.

A23 Total expected land disturbance expressed in acres:

The total expected land disturbance in Contracts A, B & C for the project is approximately 2.69 acres.

A24 Proposed final topography:

The plans show proposed site topography and drainage patterns.

A25 Locations and approximate boundaries of all disturbed areas:

The plans show the locations and boundaries of all disturbed areas/construction limits.

A26 Locations, size and dimensions of all stormwater drainage systems such as culverts, stormwater sewer, and conveyance channel:

The existing stormwater drainage systems are shown on the plans. All existing stormwater systems will be protected and maintained during construction. If during construction any damage is done to an existing stormwater system, damaged structures will be either repaired or replaced to equal or better condition than existing.

A27 Locations of specific points where stormwater and non-stormwater discharges will leave the project site:

Locations where stormwater and non-stormwater discharges will leave the project site can be seen on the plans.

A28 Location of all proposed site improvements, including roads, utilities, lot delineation and identification, proposed structures, and common areas:

Locations of all proposed site improvements, including proposed utilities, structures, and lot boundaries, are shown on the plans. No off-site construction is anticipated for these projects.

A29 Locations of all on-site and off-site soil stockpiles and borrow areas:

No stockpiles will be utilized for these projects.

A30 Construction support activities that are expected to be part of the project:

Staging areas, material storage, and concrete washout locations are not expected to be a part of these projects.

A31 Location of any in-stream activities that are planned for the project including, but not limited to, stream crossings and pump arounds:

No in-stream work is proposed for the projects. All crossings of open water will be directionally drilled, and appropriate drainage permits will be obtained prior to the start of construction activities.

Stormwater Pollution Prevention Plan – Construction Component (Section B)

Stormwater Pollution Prevention measures shall be in accordance with the Local Regulatory Authority and the applicable IDEM CSGP requirements.

B1 Description of the potential pollutant generating sources and pollutants, including all potential non-stormwater discharges:

Without the use of proper BMPs, clearing, grading, excavating, stockpiling, paving repair, and dewatering all may result in sediment pollution. Pavement restoration may also create bituminous debris. Improper vehicle fueling and maintenance on-site may result in spills of oil, grease, and fuel. General construction activity can lead to trash accumulation and pollution from sanitation chemicals.

Excavation, stockpiling, and grading:

Stockpile management procedures and practices will be implemented to minimize or eliminate the discharge of stockpiled material (soil, topsoil, base material) from entering drainage systems or surface waters.

For any stockpiles or land clearing debris composed, in whole or in part, of sediment or soil, the Contractor will be required to comply with the following requirements:

1. Locate piles within the designated limits of disturbance.
2. Protect from contact with stormwater using a temporary perimeter sediment barrier.
3. Where practicable, provide cover or appropriate temporary vegetative or structural stabilization to avoid direct contact with precipitation or to minimize the discharge of sediments.
4. Never hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any stormwater conveyance, storm drain inlet, or surface water.
5. To the maximum extent practicable, contain and securely protect stockpiles from wind.

Dewatering:

Equipment operators are prohibited from discharging groundwater or accumulated stormwater that is removed from excavations, trenches, vaults, or other similar points of accumulation, unless such waters are effectively managed by appropriate control measures.

Examples of appropriate control measures include temporary sediment basins or sediment traps, sediment socks, dewatering tanks and bags, or filtration systems (e.g., bag or sand filters) that are designed to remove sediment. Uncontaminated, non-turbid dewatering water can be discharged without being routed to a control.

Vehicle Fueling:

Vehicle fueling shall not take place within regulated drain areas wetlands or buffer zone areas, or within 50 feet of the storm drain system. Vehicle maintenance and washing shall occur off-site, or in designated areas depicted on the plans or approved of by the site owner. Maintenance areas should be clearly designated, and barriers shall be used around the perimeter of the maintenance area to prevent stormwater contamination. Construction vehicles shall be inspected frequently for leaks. Repairs shall take place immediately. Disposal of all used oil, antifreeze, solvents, and other automotive-related chemicals shall be according to applicable regulations; at no time shall any material be washed down the storm drain or into any environmentally sensitive area.

B2 Stable construction entrance locations and specifications:

The stable construction entrance for Contract A will be located off E. Clyde St. at the WTP. The stabilized construction entrances for Contract C are required to be located by the Contractor prior to the start of construction.

Upon completion of construction all surfaces shall be restored to match pre-construction conditions. Locations where vehicles enter and exit the site will be inspected for evidence of off-site sediment tracking. At the end of construction, the Contractor shall restore existing surfaces acting as construction entrances/exits to pre-construction conditions. Refer to DS-07 for Contracts A & C and DS-14 for Contract B, "Temporary Erosion and Sediment Control."

B3 Specifications for temporary and permanent stabilization:

Temporary and permanent seed surface stabilization will be utilized where needed. See DS-07 for Contracts A & C and DS-14 for Contract B, "Temporary Erosion and Sediment Control" and WM-24 "Seeding and Sodding."

Unvegetated areas that are left idle or scheduled to be left inactive must be temporarily or permanently stabilized with measures appropriate for the season. Stabilization must be initiated by the end of the seventh day the area is left idle. The stabilization activity must be completed within fourteen (14) days after initiation.

Initiation of stabilization includes seeding and applying mulch or other temporary surface stabilization methods where appropriate. Biodegradable matting or netting may be used to stabilize soils on sloped areas and some recently planted areas to protect seedlings until they have become established. Temporary seeding or erosion control mats are to be used to stabilize exposed surfaces if final grading and seeding must be delayed.

B4 Sediment control measures for concentrated flow areas:

Protective measures for areas of concentrated flow will include temporary and permanent vegetation, mulches, and/or erosion control matting as needed. Refer to DS-07 for Contracts A & C and DS-14 for Contract B "Temporary Erosion and Sediment Control."

B5 Sediment control measures for sheet flow areas:

All disturbed areas, where runoff will be in sheet flow condition and which are not to be disturbed for seven (7) days or more, shall receive temporary seeding. Disturbed areas shall be permanently seeded immediately after land disturbance activities are completed.

Perimeter protection, including silt fence, shall be used at locations shown in the plans. Inlet protection is required for all inlets in the project areas, including throughout the project area for the distribution system improvements in Contract C. Refer to DS-07 for Contracts A & C and DS-14 for Contract B "Temporary Erosion and Sediment Control."

B6 Runoff control measures:

Diversion ditches, check dams, slope drains, or other similar structures for runoff control are not anticipated for this project.

B7 Stormwater outlet protection specifications:

Stormwater outlet protection is not anticipated for this project.

B8 Grade stabilization structure locations and specifications:

Grade stabilization structures are not anticipated for this project.

B9 Dewatering applications and management methods:

At a minimum, the following discharge requirements must be met for dewatering activities:

1. Allow no discharge of visible sediments or solids. This includes discharge water with a visible sheen.
2. At all points where dewatering water is discharged, utilize velocity dissipation devices.
3. Dewatering practices must involve the implementation of appropriate control measures as applicable (i.e., containment areas for dewatering earth materials, portable sediment tanks and bags, pumping settling basins, and pump intake protection).

B10 Measures utilized for work within waterbodies:

No work within streams is proposed as part of this project.

B11 Maintenance guidelines for each proposed stormwater quality measure:

Throughout construction, the Contractor shall monitor and manage project construction and stormwater activities through the administration of a SMP. A trained individual shall submit weekly SMP reports, and event inspection reports as required within 24 hours of every ½" rain event. Inspection will be provided for all erosion and sediment control structures to ensure integrity and effectiveness. Inspections will also be provided for all disturbed areas that have not achieved final stabilization, and at all points of discharge from the construction site.

Construction entrances should be inspected daily. Reshape pad as needed for drainage and runoff control. Top dress with aggregate as needed. Remove mud and sediment tracked onto public roads. Flushing should only be used if water is conveyed into a sediment trap or basin.

Inspect silt fences within 24 hours of a rain event and at least weekly. Fabric tears, post failures, vehicle damage, or undermining of the silt fence are to be repaired immediately.

Sediment buildup along silt fences will be removed if it reaches 1/2 the height of the silt fence above the ground elevation.

Inlets should be inspected daily. Inlets shall be cleared of sediment at least weekly, after storm events, and as needed. Replace or clean geotextile fabric as needed.

Inspect concrete washouts daily and after each storm event. Maintain concrete washouts to provide adequate holding and capacity with minimum freeboard of 12 inches.

Refer to DS-07 for Contracts A & C and DS-14 for Contract B "Temporary Erosion and Sediment Control" for additional information on proposed stormwater quality measures.

B12 Planned construction sequence that describes the implementation of stormwater quality measures in relation to land disturbance:

A Pre-Construction Meeting will be required prior to commencement of construction and any land disturbance activity. Attendees to the Pre-Construction Meeting will include representatives of the Contractor, Owner, Engineer. The IDEM Office of Water Quality (OWQ) and the Adam County SWCD shall be provided with a 48-hour notice prior to the commencement of land disturbing activity.

The Notice of Intent (NOI) and the location of the SWPPP will be posted at the job site. There will be fuel containment and concrete washout provided on-site, if applicable.

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER
Signature
9/5/2025
Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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No.	Submittal Revision	By	Date

Designed By:	Drawn By:	Checked By:
BW	BW/CH	BA
Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

SWPPP

Drawing No:
EC27
Sheet: 89 OF 95

File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CAD\A CURRENT FILES\1 DRAWINGS\CONTRACT B\08 - EROSION CONTROL - B.DWG
Saved: 9/9/2025 10:56:56 AM Plotted: 9/9/2025 12:05:42 PM Current User: Bryce Persinger LastSavedBy: bpersinger

Project sequencing will generally follow the following steps:

1. Obtain the necessary project permits, including permits from IDEM.
2. Notify the appropriate regulatory agencies at least 48 hours prior to the start of land-disturbing activity.
3. Establish the construction entrance in the location(s) indicated in the E&SC drawings.
4. Install perimeter control measures (silt fence, etc.). Clear only what is required for sufficient access and installation of the perimeter measures.
5. Proceed with clearing, grading, and other construction activities. Regularly inspect and maintain all E&SC measures throughout active construction.
6. Establish temporary seeding as needed throughout the project per specifications.
7. Establish permanent seeding.
8. Temporary E&SC measures are only to be removed once all land-disturbing activity is complete and the site has 80% permanent vegetative coverage. The construction entrance/exit may be removed in order for the proposed asphalt driveway to be installed.
9. Notify the appropriate regulatory agencies of project completion. Submit the Notice of Termination to close out the permit.

B13 Provisions for erosion and sediment control on individual building lots regulated under the proposed project:

The project areas and individual area erosion control are depicted in plans.

B14 Material handling and spill prevention and spill response plan meeting the requirements in 327 IAC 2-6.1:

The Contractor will be required to inspect equipment regularly to avoid unnecessary leaks or spills. The Contractor will also be required to provide spill kits and equipment to contain and clean up petroleum products or other undesirable spills which may occur during construction.

If a spill does occur, spill reporting and notification requirements will be undertaken in accordance with Occupational Safety and Health Administration (OSHA) and State requirements. The Contractor will be required to provide response procedures that will minimize groundwater and surface water impacts.

Contact information for local and state agencies to be contacted in the event of a spill are as follows:

Adams County
204 East Sigler St.
Frankton, IN 46044
Phone: 765-754-7285

Indiana Department of Environmental Management
Office of Land Quality
Emergency Response and Spill Reporting Section
Phone: 1-888-233-7745

Indiana Department of Environmental Management
Office of Water Quality
Indiana Government Center North
100 N. Senate Avenue, Room N1255
Indianapolis, Indiana 46204
Phone: 1-888-233-7745

Indiana Department of Natural Resources
District 4 Headquarters
Phone: 765-649-1062

Indiana Department of Transportation
Traffic Management Center
Phone: 317-899-8690

B15 Material handling and storage procedures associated with construction activity:

Fuels, oils, grease, or other petroleum products must be stored in appropriate and approved areas. Preventative maintenance will be required for on-site equipment. Hazardous materials will be required to be stored in a field trailer to avoid any outside storage.

All fuel is to be contained in a mobile service truck or in the construction equipment operating on site. Small containers of oils, grease, and related products may be stored in the contractor's construction trailer. These items will be required to be inspected regularly to ensure proper storage and handling and to guard against leakage. Defective containers will be removed from the project site immediately.

Concrete washout locations will not be needed for the project.

Stormwater Pollution Prevention – Post-Construction Component (Section C)

C1 Description of pollutants and their sources associated with the proposed land use:

No change in land use is proposed as part of the project.

Potential pollutants from this project after construction is completed include:
- Sediment
- Hydrocarbons
- Construction litter

Sediments:

Sediment pollution is a result of erosion which can be triggered by natural causes or human activity. For this project, sedimentation may occur due to runoff from excavated trench areas. Sediment pollution may also be caused by on-site storage of excavated materials, backfill materials, and construction spoil areas.

Hydrocarbons:

Leakage and spill potential exists from items such as gasoline, oil, grease, vehicle brake and transmission fluids, antifreeze, and coolants.

Construction Litter:

Litter may be generated by improperly discarded items such as plastic bottles or aluminum cans, bags, product packing materials, general trash, garbage, and smoking paraphernalia.

This section is not required as the only proposed impervious surface for this project is restoration of existing impervious surface or within the existing footprint of structures.

C2 Description of proposed post-construction stormwater quality measures:

Post-construction measures include the proposed permanent seeding. All vegetated areas disturbed by construction activities will be required to be restored. Requirements for permanent seeding are referenced in WM-24 "Seeding and Sodding" specification.

C3 Plan details for each stormwater quality measure:

Details for post-construction measures are shown in the plans. Temporary erosion control measures will not be removed until the permanent seeding has been established. Refer to DS-07 for Contracts A & C and DS-14 for Contract B "Temporary Erosion and Sediment Control" and WM-24 "Seeding and Sodding".

C4 Sequence describing stormwater quality measure implementation:

Post-construction sequencing measures for this project will be as follows:

1. Temporary plantings will be provided in critical areas devoid of vegetation and subject to erosion. Such temporary plantings may be necessary to protect an area when preparing for winter shut down or to provide cover when permanent seedlings are likely to fail due to an extended period of heat or drought.
2. Removal and cleanup of all temporary erosion control measures, including silt fence and erosion control blanket.
3. The entire construction area is to be inspected and cleaned, including the collection and disposal of construction trash and debris.
4. Permanent seeding and mulching will be installed immediately after achieving final grade or within seven (7) days of inactivity. If necessary, a temporary stabilization practice will be employed until the next prime seeding period.
5. A final site inspection will take place to ensure that all requirements of the SWPPP, construction drawings, and supporting documents have been fulfilled.

C5 Maintenance guidelines for proposed post-construction water quality measures:

Vegetated areas within the project boundaries must be maintained on a regular basis during the active growing season. Maintenance activities will include inspection for sparsely seeded areas, and reseeding areas which have been damaged, or which have not exhibited a successful and hardy stand of vegetal cover. Fertilization and watering requirements are provided in WM-24 "Seeding and Sodding".

C6 Entity responsible for operation and maintenance of the post-construction stormwater measures:

Shannon Smitley will be responsible for the operation and maintenance of post-construction stormwater measures after the Notice of Termination (NOT) has been received by the IDEM.

EXHIBIT #1C FLOODPLAIN MAP

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR DRAFT FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

SCALE

Map Projection:
GCS, Geodetic Reference System 1980;
Vertical Datum: NAVD88
For information about the specific vertical datum for elevation features, datum conversions, or vertical monuments used to create this map, please see the Flood Insurance Study (FIS) Report for your community at https://msc.fema.gov

1 inch = 1,000 feet 1:12,000

0 500 1,000 2,000 3,000 4,000 Feet

N

0 105 210 420 630 840 Meters

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at https://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates, refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Basemap information shown on this FIRM was provided in digital format by USDA, Farm Service Agency (FSA). This information was derived from NAIP, cated April 11, 2018.

This map was exported from FEMA's National Flood Hazard Layer (NFHL) on **9/2/2025 6:12 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. For additional information, please see the Flood Hazard Mapping Updates Overview Fact Sheet at https://www.fema.gov/media-library/assets/documents/118418

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date.

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
PANEL 40 OF 300

Panel Contains:

COMMUNITY	NUMBER	PANEL
ALLEN COUNTY	180306	0040
ADAMS COUNTY	180424	

MAP NUMBER
18001C0040E
EFFECTIVE DATE
September 29, 2010

FEMA
National Flood Insurance Program

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BENJAMIN H. ADAMS
REGISTERED
No. 19700508
STATE OF INDIANA
PROFESSIONAL ENGINEER
Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
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Designed By:	Drawn By:	Checked By:
BW	BW/CH	BA
Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

SWPPP

Drawing No: EC28
Sheet: 90 OF 95

File: Z:\SHARED\IN CLIENTS A-L\ADAMS COUNTY RSD\S24207 - 2024 UNSEWERED AREAS\06 CADA CURRENT FILES\1 DRAWINGS\CONTRACT B\08 - EROSION CONTROL - B.DWG
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Land Use Map Contract B

August 28, 2025

NLCD Land Cover 2021

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Mixed Forest
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands

1:36,112

0 0.23 0.45 0.9 mi

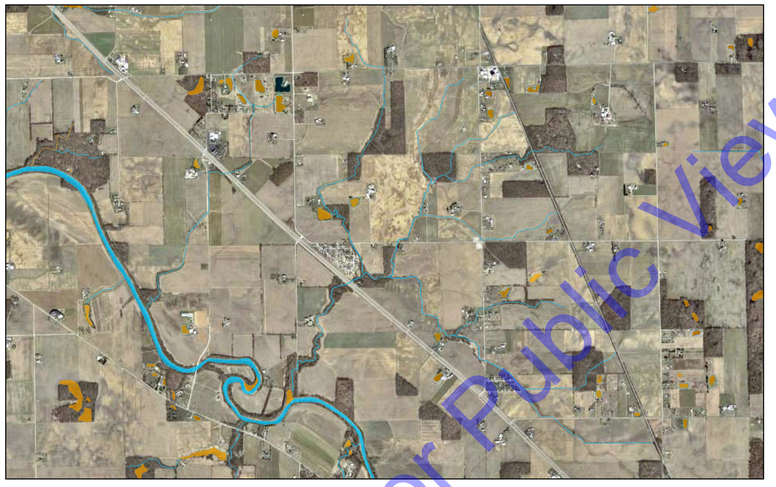
0 0.38 0.75 1.5 km

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap

Indiana Viewer

EXHIBIT #2B LAND USE MAP

Wetland Map



July 24, 2025

National Wetlands Inventory - NWI Wetlands Indiana 2012 Imagery

- Palustrine
- Riverine
- Red: Band_1
- Green: Band_2
- Blue: Band_3

1:36,112

0 0.23 0.45 0.9 mi

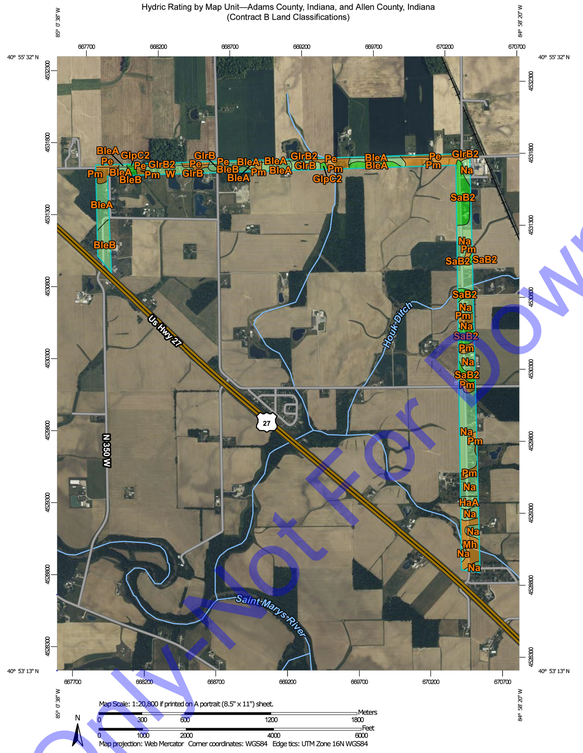
0 0.38 0.75 1.5 km

Indiana Geographic Information Office (IGIO)

Indiana Viewer

EXHIBIT #4B WETLANDS MAP

Hydric Rating by Map Unit—Adams County, Indiana, and Allen County, Indiana (Contract B Land Classifications)



Map Scale: 1:20,800 if printed on A portrait (8.5" x 11") sheet.

Meters 0 300 600 1200 1800

Feet 0 1000 2000 4000 6000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

9/2/2025
Page 1 of 5

EXHIBIT #3D SOILS MAP

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Lines
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Points
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

EXHIBIT #3E SOILS LEGEND

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BleA	Blount silt loam, end moraine, 0 to 2 percent slopes	6	20.1	14.0%
BleB	Blount silt loam, end moraine, 2 to 4 percent slopes	6	8.7	6.1%
GlpC2	Glynwood clay loam, 6 to 12 percent slopes, eroded	0	1.2	0.8%
GlrB	Glynwood silt loam, end moraine, 2 to 6 percent slopes	6	4.8	3.4%
HaA	Haskins loam, 0 to 3 percent slopes	8	2.5	1.7%
Mh	Milford silty clay loam, 0 to 2 percent slopes	93	7.4	5.1%
Na	Nappanee silt loam, 0 to 3 percent slopes	5	46.1	32.1%
Pm	Pewamo silty clay, 0 to 2 percent slopes	91	22.6	15.7%
SaB2	St. Clair clay loam, 3 to 8 percent slopes, eroded	0	18.7	13.1%
W	Water	0	0.3	0.2%
Subtotals for Soil Survey Area			**132.4**	**92.1%**
Totals for Area of Interest			**143.6**	**100.0%**

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BleA	Blount silt loam, end moraine, 0 to 2 percent slopes	6	3.9	2.7%
GlpC2	Glynwood clay loam, 6 to 12 percent slopes, eroded	0	0.3	0.2%
GlrB2	Glynwood silt loam, end moraine, 2 to 6 percent slopes, eroded	6	1.8	1.2%
Pe	Pewamo silty clay loam, 0 to 1 percent slopes	91	5.3	3.7%
Subtotals for Soil Survey Area			**11.2**	**7.8%**
Totals for Area of Interest			**143.6**	**100.0%**

EXHIBIT #3F SOILS TABLE

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BENJAMIN H. ADAMS
REGISTERED No. 19700508 STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 9/5/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

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Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

SWPPP

Drawing No: EC29

Sheet: 91 OF 95

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Saved: 9/9/2025 10:56:56 AM Plotted: 9/9/2025 12:11:06 PM Current User: Bryce Persinger LastSavedBy: bpersinger

PROCESS AND INSTRUMENTATION DIAGRAM LEGEND

INSTRUMENT TAG IDENTIFICATION

COMPONENT DESIGNATOR

AREA 035D: BUILDING OR PROCESS AREA NUMBER

TAG TYPE P: FIRST LETTER, SEE ISA TABLE BELOW
AH: SUCCEEDING LETTERS, SEE ISA TABLE BELOW

TAG NUMBER 12: P&ID NUMBER
3: LOOP NUMBER
4: EQUIPMENT NUMBER
A: DEVICE LETTER IF MULTIPLE DEVICES

TAG FUNCTION HOA: TAG FUNCTION ABBREVIATION, SEE LISTING AT RIGHT

(QUANTITY) (2): TOTAL NUMBER OF DEVICES WHERE MORE THAN ONE DEVICE IS REQUIRED. DEVICE NUMBERS ARE SEQUENTIAL BEGINNING WITH THE TAG NUMBER SHOWN. IF QUANTITY IS NOT SHOWN, THEN ONE DEVICE ONLY IS REQUIRED.

COMPONENT DESIGNATOR: SEE LISTING AT RIGHT

PLC POINT TYPE

- ANALOG INPUT
- ANALOG OUTPUT
- DISCRETE INPUT
- DISCRETE OUTPUT
- NETWORK CONNECTION

TAG FUNCTION ABBREVIATIONS

ALT ALTERNATE
C CLOSED(C)
CM COMPUTER-MANUAL
DIFF DIFFERENCE OR DIFFERENTIAL
DO DISSOLVED OXYGEN
F FAIL
F(X) CHARACTERIZED
FOR FOWARD-STOP(OFF)-REVERSE(MAINTAINED CONTACT)
FSR FOWARD-STOP-REVERSE(MOMENTARY CONTACT)
HOA HAND-OFF-AUTOMATIC(MAINTAINED CONTACT)
HOR HAND-OFF-REMOTE(MAINTAINED CONTACT)
I CURRENT TO CURRENT
IP CURRENT TO PNEUMATIC
LL LEAD-LAG(MAINTAINED CONTACT)
LOE LOSS OF ECHO(ULTRASONIC SENSOR FAILURE)
LOR LOCAL-OFF-REMOTE(MAINTAINED CONTACT)
LOS LOCKOUT STOP(LOCKABLE IN "STOP" POSITION MOMENTARY CONTACT)
L/R LOCAL/REMOTE(MAINTAINED CONTACT)
MA MANUAL-AUTOMATIC(MAINTAINED CONTACT)
MOA MANUAL-OFF-AUTOMATIC(MAINTAINED CONTACT)

O OPEN
OA OFF-AUTOMATIC
OCA OPEN-CLOSE-AUTOMATIC(MAINTAINED CONTACT)
OC OPEN-CLOSED(MAINTAINED CONTACT)
OSC OPEN-STOP-CLOSE(MOMENTARY CONTACT SPRING RETURN TO CENTER POSITION)
00 ON-OFF(MAINTAINED CONTACT)
OOA ON-OFF-AUTOMATIC(MAINTAINED CONTACT)
OOR ON-OFF-REMOTE(MAINTAINED CONTACT)
R RUN
SBL SLUDGE BLANKET INTERFACE LEVEL
SP SPEED-POT
SQRT SQUARE ROOT
SS START-STOP
SSA START-STOP-AUTOMATIC
SSL START-STOP-LOCK (LOCKABLE IN "STOP" POSITION. MOMENTARY CONTACT)
SUM SUMMATION
VIB VIBRATION
X MULTIPLY

FWD FOWARD
REV REVERSE
F/R FOWARD/REVERSE(MOTOR STARTER COILS)
ESTP ESTOP(EMERGENCY STOP)
SPD (SPEED POT)
SUSP SUSPEND
ALRT ALERT
RSET RESET
STRT START

TAG SYMBOLS

HORIZONTAL BAR SYMBOLS FOR PHYSICAL MOUNTING OF DEVICE

SINGLE FUNCTION SINGLE/MULTI I/O DEVICE NON-CONFIGURABLE NON-PROGRAMMABLE	MULTI FUNCTION MULTI I/O PROGRAMMABLE DEVICE
FIELD MOUNTED	
MAIN CONTROL ROOM PANEL NORMALLY ACCESSIBLE	
BEHIND MAIN CONTROL PANEL NOT NORMALLY ACCESSIBLE	
LOCAL PANEL NORMALLY ACCESSIBLE	
LOCAL PANEL - NOT NORMALLY ACCESSIBLE	

CONTROL AND I/O DEVICES DISPLAY

[ADD APPROPRIATE HORZ. BAR(S)]

- NON-DISPLAYED CONFIGURABLE DEVICE (SEMI-PROGRAMMABLE)
- NON-DISPLAYED PROGRAMMABLE DEVICE (ie: PLC)
- DISPLAYED CONFIGURABLE DEVICE (SEMI-PROGRAMMABLE)
- DISPLAYED PROGRAMMABLE DEVICE
- DISPLAYED PROGRAMMABLE POINT (HMI TOUCH SCREEN OR SCADA SOFTWARE)

INSTRUMENT SOCIETY OF AMERICA TABLE

LETTER	FIRST LETTER(S) PROCESS OR INITIATING VARIABLE	FIRST LETTER(S) MODIFIER	SUCCEEDING LETTER(S) READOUT OR PASSIVE FUNCTION	SUCCEEDING LETTER(S) OUTPUT FUNCTION	SUCCEEDING LETTER(S) MODIFIER
A	ANALYSIS		ALARM(W, LOGGING)	ANNUNCIATE	
B	BURNER,COMBUSTION		USERS CHOICE(*)	USERS CHOICE(*)	USERS CHOICE(*)
C	USERS CHOICE(*)			CONTROL	CLOSE
D	USERS CHOICE(*)	DIFFERENTIAL			
E	VOLTAGE		PRIMARY ELEMENT		
F	FLOW RATE	RATIO			FEEDBACK
G	USERS CHOICE(*)		GLASS		
H	HAND (MANUAL)				HIGH
I	CURRENT		INDICATE		
J	POWER	SCAN			
K	TIME OR SCHEDULE	TIME RATE OF CHANGE	KEYPAD(DATA ENTRY)	CONTROL STATION	
L	LEVEL		LIGHT(PILOT)		LOW
M	MOTOR	MOMENTARY			MONITORING
N	USERS CHOICE(*)		USERS CHOICE(*)	USERS CHOICE(*)	USERS CHOICE(*)
O	USERS CHOICE(*)		ORIFICE		
P	PRESSURE OR VACUUM		POINT TEST CONNECTION		
Q	QUANTITY	INTEGRATE			
R	RADIATION		RECORD, TREND, LOG		
S	SPEED OR FREQUENCY	SAFETY		SWITCH	
T	TEMPERATURE			TRANSIT	
U	UNIVERSAL/MULTIVARIABLE(*)		MULTIFUNCTION(*)	MULTIFUNCTION(*)	MULTIFUNCTION(*)
V	VIBRATION		VALUE	VALVE	
W	WEIGHT, FORCE, TORQUE		WELL	W	
X	UNCLASSIFIED(*)	X AXIS	UNCLASSIFIED(*)	UNCLASSIFIED(*)	UNCLASSIFIED(*)
Y	EVENT, STATE	Y AXIS		RELAY OR COMPUTE(*)	
Z	POSITION, DIMENSION	Z AXIS		DRIVE, ACTUATE OR UNCLASSIFIED FINAL CONTROL ELEMENT	

(*) WHEN USED, EXPLANATION IS SHOWN ADJACENT TO INSTRUMENT SYMBOL

SPECIAL CASES:
ETM - ELAPSED TIME METER
JBX - JUNCTION BOX
NDX - INDEX #
MS - MOTOR STARTER
MOR - MOTOR OVERLOAD RELAY
MPR - MOTOR PROTECTION RELAY

CONDUIT NOTES

PVC SCHEDULE 40 BELOW GRADE.

RIGID ALUMINUM OR PVC COATED RGS CONDUIT ABOVE GRADE OUTDOORS.

RIGID ALUMINUM OR PVC COATED RGS CONDUIT IN CLASSIFIED AND CORROSIVE SPACES.

NO CONDUIT SHALL BE INSTALLED ON TOP OF A DECK, ON A WALKWAY, OR IN AN AREA THAT MAY POSE A TRIP HAZARD. NO CONDUIT SHALL BE INSTALLED ABOVE A DECK, ABOVE A WALKWAY, OR IN AN AREA THAT IS COMMONLY TRAVELED. ALL CONDUIT IN SUCH AREAS SHALL BE COORDINATED WITH THE OWNER/ENGINEER AND SHALL BE INSTALLED BELOW GRADE OR IN THE CONCRETE DECKING OR PAD. CONDUIT INSTALLED IN CONCRETE DECKING OR PAD SHALL BE AVOIDED WHEN POSSIBLE. IF CONDUIT IS TO BE ROUTED IN A STRUCTURAL CONCRETE DECK, PAD, WALL, ETC. IT SHALL BE COORDINATED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. CONDUIT INSTALLED IN CONCRETE CAN IMPACT THE STRUCTURAL INTEGRITY OF CONCRETE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONFORM TO ANY REQUIREMENTS REQUIRED OF THE STRUCTURAL ENGINEER TO ACCOMMODATE THE INTEGRITY OF THE INSTALLATION AT NO COST TO THE OWNER. FOR A CONDUIT EMBEDDED IN CONCRETE TO BE CONSIDERED IT MUST BE THE ONLY REASONABLE SOLUTION AS DETERMINED BY THE ENGINEER. ALL PROPOSED INSTALLATIONS MUST COMPLY WITH ACI 318 AND BE ENGINEER APPROVED.

ALL UNDERGROUND CONDUITS SHALL BE SEALED AT BOTH ENDS.

NO CONDUIT PENETRATIONS ON THE TOP OF ANY OUTDOOR PANELS/ENCLOSURES.

EMT IS ACCEPTABLE IN CONDITIONED ELECTRICAL ROOMS AND OFFICE/BREAK AREAS ONLY. EMT SHALL BE TRANSITIONED PRIOR TO EXITING NON CORROSIVE SPACES. EMT SHALL NOT BE USED WHEN IT CAN BE EXPOSED TO ANY CORROSIVE GASES.

CONTROL WIRING REQUIREMENTS

EACH ANALOG INPUT REQUIRES AN 18/2 TWISTED SHIELDED PAIR IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

EACH ANALOG OUTPUT REQUIRES AN 18/2 TWISTED SHIELDED PAIR IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

EACH DISCRETE INPUT REQUIRES 2 #14's IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

EACH DISCRETE OUTPUT REQUIRES 2 #14's IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

CONTROL WIRING OF THE SAME TYPE MAY BE COMBINED INTO THE SAME CONDUIT. EXAMPLES: TWO 4-20MA ANALOG SIGNALS MAY BE COMBINED, TWO 24VDC DISCRETE SIGNALS MAY BE COMBINED, AND TWO 120VAC DISCRETE SIGNALS MAY BE COMBINED.

NOTE: INSTRUMENTS AND CABLE SHALL BE AS REQUIRED BY THE INSTRUMENT MANUFACTURER.

INSTRUMENT POWER

INSTRUMENTS REQUIRING 120 VAC:

1. MAGNETIC FLOW METERS
2. TURBIDITY TRANSMITTERS
3. pH TRANSMITTERS
4. ORP TRANSMITTERS
5. DO TRANSMITTERS
6. ULTRASONIC LEVEL TRANSMITTERS
7. ULTRASONIC FLOW TRANSMITTERS
8. INFLUENT AND EFFLUENT SAMPLERS

NOTE: THIS LIST IS PROVIDED AS A REFERENCE AND IS NOT ALL INCLUSIVE. COORDINATE WITH THE GENERAL CONTRACTOR AND THE EQUIPMENT SUPPLIERS FOR DETAILED WIRING REQUIREMENTS OF INSTRUMENTS, SENSORS, AND EQUIPMENT.

ELECTRICAL GENERAL NOTES

(GENERAL NOTES APPLICABLE TO ALL ELECTRICAL SHEETS)

1. CONTRACTOR SHALL EXAMINE NOT ONLY PLANS AND SPECIFICATIONS FOR ELECTRICAL AND INSTRUMENTATION, BUT PLANS AND SPECIFICATIONS FOR OTHER RELATED SECTIONS. VISIT THE SITE TO BECOME ACQUAINTED WITH ALL PROJECT CONDITIONS INCLUDING EXISTING CONDITIONS. EXECUTION OF CONTRACT IS EVIDENCE THAT THE CONTRACTOR HAS EXAMINED ALL DRAWINGS AND SPECIFICATIONS AND THAT ALL CONDITIONS OF INSTALLING THE WORK IN THIS SECTION ARE VERIFIED. LATE CLAIMS FOR LABOR AND MATERIALS REQUIRED DUE TO DIFFICULTIES ENCOUNTERED, WHICH COULD HAVE BEEN FORESEEN HAD EXAMINATIONS BEEN MADE WILL NOT BE RECOGNIZED.
2. THE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO INCLUDE EVERY DETAIL OF REQUIRED CONSTRUCTION, EQUIPMENT, AND MATERIALS. PROVIDE ALL MATERIALS AND WORK NOT SPECIFICALLY MENTIONED, SHOWN, OR CAN BE REASONABLY INFERRED ON THE DRAWINGS BUT WHICH ARE NECESSARY TO FULLY COMPLETE THE WORK.
3. WHEN SUBSTITUTING OTHER EQUIPMENT, MATERIALS, AND PRODUCTS THAN SPECIFIED IN THE CONTRACT DOCUMENTS, INCLUDE IN PRICING ALL COSTS FOR OTHER DESIGN CHANGES TO THE PROJECT (ALL DIVISIONS) WHICH WILL RESULT FROM USE OF THE SUBSTITUTED ITEM(S).
4. REVIEW THE CONTRACT DOCUMENTS OF OTHER DIVISIONS, AND COORDINATE ELECTRICAL AND CONTROL WORK WITH THE WORK OF OTHER DISCIPLINES TO AVOID CONFLICTS AND INTERFERENCE.
5. UPON COMPLETION OF THE WORK REQUIRED UNDER THIS CONTRACT, PROVIDE TYPED UPDATED DIRECTORY WITHIN DOOR OF EACH AFFECTED PANELBOARD. LEAVE "SPARE" BREAKERS IN "OFF" POSITION.
6. ALL MOUNTING HEIGHTS INDICATED ON DRAWINGS ARE TO CENTERLINE, UON.
7. PROVIDE LIGHTING FIXTURES COMPATIBLE WITH CEILING CONSTRUCTION. COORDINATE WITH ARCHITECTURAL ROOM FINISH SCHEDULES.
8. IN AREAS HAVING FINISHED CEILINGS, LOCATE CEILING-MOUNTED ELECTRICAL DEVICES AND FIXTURES ACCORDING TO ARCHITECTURAL REFLECTED CEILING PLAN. DO NOT INSTALL CEILING-MOUNTED SMOKE DETECTORS WITHIN 4 FEET OF HVAC SUPPLY DIFFUSERS.
9. IN ELECTRICAL AND MECHANICAL EQUIPMENT SPACES, COORDINATE EXACT LOCATIONS OF LIGHTING FIXTURES WITH CONDUIT BANKS, DUCTWORK, PIPING, STRUCTURE, SUPPORTS, AND OTHER OBSTRUCTIONS. LOCATE FIXTURES SUCH THAT DIALS, GAUGES, METERS, ETC. ARE PROPERLY ILLUMINATED.
10. DO NOT USE ANY LIGHTING FIXTURE AS A RACEWAY FOR CONDUCTORS NOT SERVING THAT PARTICULAR FIXTURE.
11. CONNECT BATTERY-OPERATED EMERGENCY LIGHTING UNITS AND EXIT SIGNS HAVING BATTERY BACK-UP TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND NEC SUCH THAT FAILURE OF CIRCUIT TRANSFERS UNIT FROM NORMAL TO EMERGENCY MODE, CAUSING LAMPS TO RE-ENERGIZE.
12. DO NOT INSTALL OUTLET BOXES BACK-TO-BACK IN NON-RATED PARTITIONS. OFFSET AND SEAL, SIMILAR TO REQUIREMENTS FOR RATED PARTITIONS, TO MINIMIZE SOUND TRANSMISSION.
13. COORDINATE ROUTING OF ALL LARGE CONDUITS (2" DIA AND LARGER) AND PULL BOX LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION TO AVOID CONFLICTS AND TO GUARANTEE REQUIRED CLEARANCE AND ACCESSIBILITY OF ELECTRICAL AND OTHER SYSTEMS.
14. COORDINATE WITH OWNER OR OWNER'S SELECTED VENDOR PRIOR TO ROUGH-IN FOR EXACT LOCATIONS OF SPECIAL PURPOSE OUTLETS DEDICATED TO SPECIFIC EQUIPMENT. VERIFY REQUIRED NEMA CONFIGURATION OF ALL SUCH OUTLETS.
15. PROVIDE APPROPRIATE PULL WIRE IN EACH EMPTY SYSTEMS CONDUIT INCLUDED IN THIS PROJECT.
16. INCLUDE GREEN-INSULATED GROUNDING CONDUCTOR SIZED PER 2002 NEC TABLE 250-122 WITH ALL BRANCH CIRCUIT CONDUCTORS SERVING LIGHTING FIXTURES, RECEPTACLES, MECHANICAL OR OTHER DEVICES INSTALLED AT OR BELOW 8'-0".
17. MATCH A.I.C. RATINGS AND OTHER CHARACTERISTICS OF EXISTING DEVICES IN PANELBOARD WHEN ADDING BREAKERS TO EXISTING PANELBOARDS.
18. ALL WORK SHALL BE IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE - LATEST EDITION ADOPTED BY INDIANA, THE INDIANA CODE AMENDMENT, LOCAL/MUNICIPAL CODE, AND THE AUTHORITIES HAVING JURISDICTION.
19. ALL CONNECTIONS TO EQUIPMENT SUBJECT TO MOVEMENT OR VIBRATION SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT NOT LESS THAN 12" IN LENGTH, NOR GREATER THAN 36" IN LENGTH.
20. ALL CONDUIT PENETRATIONS SHALL BE SEALED WITH APPROPRIATE CONDUIT SEALING MATERIAL.
21. ALL CABLE SIZES SHALL UTILIZE COPPER CONDUCTORS.
22. FIELD VERIFY LOCATIONS OF BUILDING EXPANSION JOINTS WHEN ROUTING CONDUIT. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL BE INSTALLED WITH THE EXPANSION FITTINGS. EXPANSION FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC AND MANUFACTURERS WRITTEN RECOMMENDATIONS.
23. FEEDERS FROM PANELBOARDS BACK TO MAIN SWITCHBOARD, BETWEEN AUTO TRANSFER SWITCHES AND THEIR SOURCES/LOADS, BETWEEN DRY TRANSFORMERS AND THEIR SOURCES/LOADS ARE NOT INDICATED. FEEDERS ARE PART OF THE WORK, AND SHALL BE SIZED AS INDICATED ON THE LINE DIAGRAM.
24. HOMERUNS SHALL NOT BE COMBINED IN A RACEWAY UNLESS SHOWN ON THE CONTRACT DRAWINGS. SINGLE PHASE BRANCH CIRCUIT HOMERUNS MAY BE COMBINED AT THE CONTRACTORS DISCRETION NOT GREATER THAN (3) PHASE CONDUCTORS, NEUTRAL CONDUCTORS, AND A GROUNDING CONDUCTOR.
25. EACH SINGLE PHASE BRANCH CONDUCTOR SHALL HAVE A DEDICATED NEUTRAL BACK TO THE PANEL.
26. ALL PENETRATIONS BELOW GRADE SHALL USE LINK SEALS.
27. WHERE LOW VOLTAGE (CONTROL) CABLING IS ALLOWED TO BE INSTALLED WITHOUT A RACEWAY, IT SHALL BE SUPPORTED NOT EXCEEDING INTERVALS OF 48", AND NOT MORE THAN 6" FROM THE CABINETS, BOXES, FITTINGS, OUTLETS, RACKS, FRAMES AND TERMINALS.
28. ALL MOUNTING HARDWARE INCLUDING NUTS, BOLTS, SCREWS, WASHERS, ETC. SHALL BE STAINLESS STEEL.
29. MOUNT JUNCTION BOXES AND DISCONNECT SWITCHES ON STAINLESS STEEL UNISTRUT.
30. ALL UNISTRUT, MOUNTING BRACKETS AND SUPPORTING STRUCTURES SHALL BE STAINLESS STEEL.
31. DO NOT MIX CONTROL AND POWER CONDUCTORS IN THE SAME CONDUIT. DO NOT MIX DISCRETE AND ANALOG CONTROL CONDUCTORS IN THE SAME CONDUIT.
32. ADJUSTABLE SPEED DRIVES (ASD) LINE AND LOAD WIRE SHALL BE RUN IN SEPARATE RACEWAYS.
33. CONTRACTOR SHALL COORDINATE WITH HEAT TRACE MANUFACTURER DURING BIDDING AND CONSTRUCTION AND SHALL PROVIDE ALL CONDUIT, WIRING, AND CIRCUITS AS REQUIRED. HEAT TRACE SHALL BE PROVIDED/INSTALLED COMPLETE. ALL HEAT TRACE IS REQUIRED TO BE GFI PROTECTED.
34. CONTRACTOR SHALL NOT COMBINE POWER FEEDS FOR THREE PHASE LOADS.
35. THE BELOW LOCATIONS ARE WHERE GFCI OUTLETS ARE REQUIRED:
    - 35.1. KITCHENS: ALL KITCHEN OUTLETS.
    - 35.2. BATHROOMS: GFCI OUTLETS ARE REQUIRED IN BATHROOMS NEAR THE SINK.
    - 35.3. GARAGES: GFCI OUTLETS ARE REQUIRED IN GARAGES THAT HAVE SINKS.
    - 35.4. BASEMENTS: UNFINISHED BASEMENTS REQUIRE AT LEAST ONE GFCI OUTLET.
    - 35.5. OUTDOOR SPACES: GFCI OUTLETS ARE REQUIRED IN OUTDOOR AREAS THAT ARE ACCESSIBLE OR AT GRADE LEVEL.
    - 35.6. LAUNDRY ROOMS: ALL LAUNDRY ROOM OUTLETS.
    - 35.7. CRAWL SPACES: GFCI OUTLETS ARE REQUIRED IN CRAWL SPACES WHERE MECHANICAL EQUIPMENT IS LOCATED.
    - 35.8. UTILITY ROOMS: ALL UTILITY ROOM OUTLETS.
36. LIMIT CAT 6E INSTALLATION TO 230' MAXIMUM DISTANCE. CONTRACTOR SHALL FURNISH AND INSTALL FIBER OPTIC CABLE AND MEDIA CONVERTERS IF CONDUIT ROUTING EXCEEDS CAT 6E LIMITS.

LEGEND

SYMBOL	DESCRIPTION	MTG HGT AFF TO CL, UON
	OPEN LIGHTING FIXTURE SYMBOLOGY DENOTING FIXTURES CONNECTED TO NORMAL POWER: FIXTURE TYPE DETERMINES MOUNTING.	----
	SINGLE DIAGONAL LIGHTING FIXTURE SYMBOLOGY DENOTING FIXTURES CONNECTED TO CRITICAL OR EQUIPMENT BRANCH (OR EMERGENCY POWER), UON: FIXTURE TYPE DETERMINES MOUNTING.	----
	DOUBLE DIAGONAL LIGHTING FIXTURE SYMBOLOGY DENOTING FIXTURES CONNECTED TO LIFE SAFETY BRANCH (OR EMERGENCY POWER), UON: FIXTURE TYPE DETERMINES MOUNTING.	----
	BATTERY POWERED EMERGENCY LIGHTING UNIT	7'-6"
	EXIT SIGN: ARROWS DENOTE DIRECTIONAL INDICATING CHEVRON ROMTS, SHADING DENOTES FACE(S) ORIENTATION.	----
	WALLWASH OR OTHER DIRECTIONALLY ADJUSTABLE/AIMABLE FIXTURE: OPEN SIDE DENOTES ORIENTATION. TYPE DETERMINES MOUNTING.	----
	TRACK LIGHTING FIXTURE: TYPE DETERMINES MOUNTING.	----
	POLE-MOUNTED SITE LIGHTING FIXTURE: TYPE DETERMINES MTG.	----
	FLOOD LIGHTING FIXTURE: TYPE DETERMINES MOUNTING.	----
PC	PHOTO-CELL	----
	ALL FIXTURES IN THIS SPACE SHALL BE SAME TYPE INDICATED, U.O.N.	
S	SINGLE-POLE TOGGLE SWITCH	3'-10"
$	SINGLE-POLE TOGGLE SWITCH: SLASH DENOTES ESSENTIAL POWER SYSTEM CONNECTION - TYPICAL FOR ALL SWITCHES.	3'-10"
$M	DUAL TECHNOLOGY, WALL MNTD OCCUPANCY SENSOR WITH MANUAL OVERRIDE SWITCH	3'-10"
$C	DUAL TECHNOLOGY, CEILING MNTD OCCUPANCY SENSOR WITH REMOTE MANUAL OVERRIDE SWITCH	
SSR	SINGLE-POLE REMOTE OVERRIDE SWITCH FOR CEILING MNTD OCCUPANCY SENSOR	3'-10"
$D	DIMMER SWITCH	3'-10"
$D3	THREE-WAY DIMMER SWITCH	3'-10"
$P	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	3'-10"
$M	SINGLE-POLE MOTOR-RATED TOGGLE SWITCH DISCONNECT	3'-10"
$T	SINGLE-POLE OR DOUBLE-POLE MANUAL MOTOR STARTER WITH MELTING ALLOY ELEMENTS FOR THERMAL OVERLOAD PROTECTION	3'-10"
$IR	OCCUPANCY SENSOR SWITCH	3'-10"
$IT	INTERVAL TIMER RESET AND CONTROL SWITCH	3'-10"
$J	JOG SWITCH	3'-10"
	MUSHROOM HEAD TYPE PUSHBUTTON STATION	5'-0"
P	AUTO DOOR CONTROL PUSHPLATE	----
$X	VARIABLE INTENSITY CONTROLLER INCLUDED WITH OWNER-FURNISHED-CONTRACTOR-INSTALLED SURGICAL LIGHTING FIXTURE	5'-0"
$LV	LOW VOLTAGE CONTROL SWITCH	3'-10"
WS	FACTORY SUPPLIED WALL CONTROLLER FOR CEILING MOUNTED LIGHT-INSTALLED BY ELECTRICAL CONTRACTOR	3'-10"
	120V DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT	1'-6"
	120V DUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED	ABOVE COUNTER
	120V QUADRUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT	1'-6"
	120V QUADRUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED	ABOVE COUNTER
	120V SINGLE RECEPTACLE, AMP RATING (IF OTHER THAN 20A) SHOWN: STANDARD MOUNTING HEIGHT, OR OTHER HEIGHT AS NOTED	1'-6", UON
GFCI	120V GFCI DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT	1'-6"
	120V GFCI QUADRUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED	ABOVE COUNTER
	120V GFCI DUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED	ABOVE COUNTER
	SINGLE RECEPTACLE (OTHER THAN 120V), VOLTAGE, AMP RATING, NEMA CONFIGURATION, AND MOUNTING HEIGHT AS NOTED	----
	RECPTACLE OR J-BOX CONNECTION FOR X-RAY VIEWER: VERIFY CONNECTION RQMTS WITH UNIT FURNISHED PRIOR TO ROUGH-IN	----
	120V DUPLEX RECEPTACLE IN FLUSH FLOOR-MOUNTED BOX	----
TP	TELE-POWER POLE	----
H	HALON DUMP STATION	----
F	FIRE ALARM MANUAL PULL STATION	3'-10"
FK	FIRE ALARM MANUAL PULL STATION, KEY-OPERATED	3'-10"
D	FIRE ALARM CEILING-MOUNTED SMOKE DETECTOR	----
H	FIRE ALARM CEILING-MOUNTED HEAT DETECTOR	----
DPS	FIRE ALARM SUPPLY AIR DUCT-MOUNTED SMOKE DETECTOR	----
DR	FIRE ALARM RETURN AIR DUCT-MOUNTED SMOKE DETECTOR	----
DR	FIRE ALARM PROJECTED BEAM SMOKE DETECTOR - RECEIVER	AS NOTED
DT	FIRE ALARM PROJECTED BEAM SMOKE DETECTOR - TRANSMITTER	AS NOTED
Y	FIRE ALARM CONNECTION TO SPRINKLER SYSTEM VALVE STATUS SWITCH (TAMPER SWITCH)	----
FS	FIRE ALARM CONNECTION TO SPRINKLER SYSTEM WATER FLOW SWITCH	----
F	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE-CHIME & STROBE	6'-8"
F	FIRE ALARM AUDIO/VISIUAL NOTIFICATION DEVICE-HORN & STROBE	6'-8"
F	FIRE ALARM VISUAL ONLY NOTIFICATION DEVICE - STROBE LIGHT	6'-8"
FS FS	FIRE ALARM SPEAKER: CEILING-MOUNTED, WALL-MOUNTED	6'-8"
FH	FIRE ALARM HORN, WALL-MOUNTED	AS NOTED
RI RI	DUCT SMOKE DETECTOR ALARM REMOTE INDICATOR LIGHT: CEILING-MOUNTED, WALL-MOUNTED	6'-8"
SAT SAT	DUCT SMOKE DETECTOR ALARM REMOTE INDICATOR LIGHT AND TEST SWITCH: CEILING-MOUNTED, WALL-MOUNTED	6'-8"
Z	FIRE ALARM ZONE ADDRESSABLE MODULE	----
I	FIRE ALARM INDIVIDUAL ADDRESSABLE MODULE	----
	FIRE ALARM ELECTRO-MAGNETIC DOOR HOLDER	6'-4"
FR	FIRE RELAY	----
	DESK MOUNTED INTERCOM	----
	WALL MOUNTED INTERCOM	----
$X	EXPLOSION PROOF SWITCH	3'-10"
$3	3 WAY SWITCH	3'-10"
$4	4 WAY SWITCH	3'-10"
$WP	NEMA 4X SWITCH	3'-10"

PUMP AND METER LEGEND

SYMBOL	DESCRIPTION
MF	MAGNETIC FLOW METER
	SONIC FLOW METER
	CENTRIFUGAL PUMP
	LOBE PUMP
	PERISTALTIC PUMP
	SUBMERSIBLE PUMP
	GRINDER PUMP

LEGEND

ABBREVIATIONS

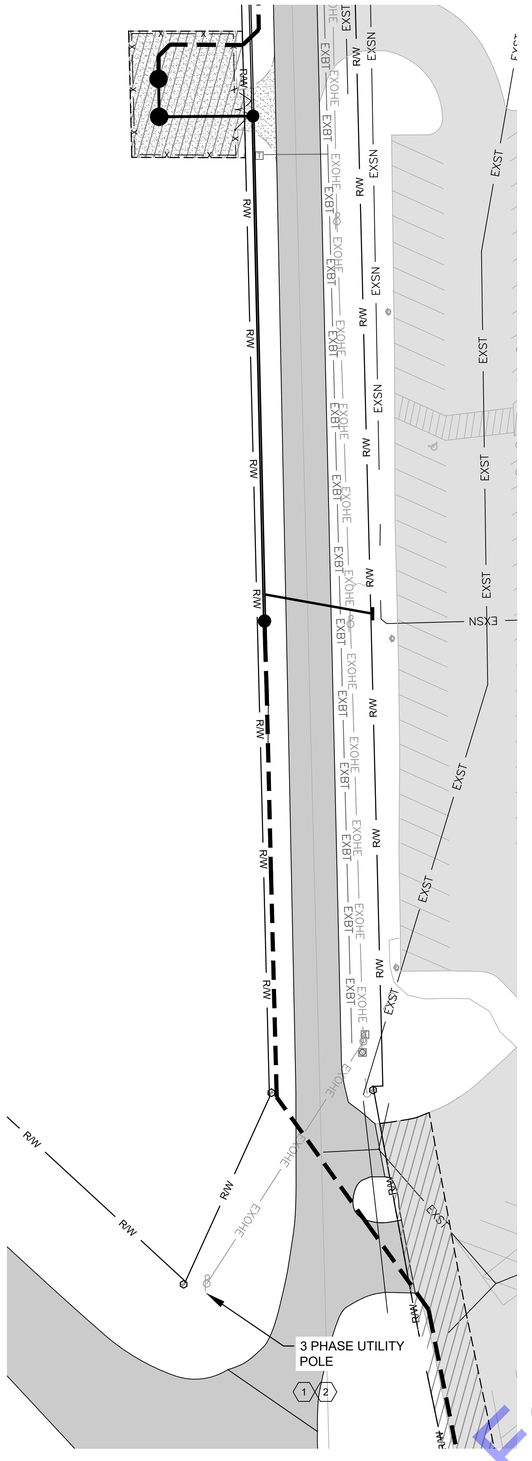
ABV	ABOVE	IG	ISOLATED GROUND
AFF	ABOVE FINISHED FLOOR	MON	MONITOR
ACLG	ABOVE FINISHED CEILING	MTG	MOUNTING
BFC	BELOW FINISHED CEILING	MV	MULTI-VIEWER
C	CRITICAL BRANCH OR EMERG PWR-RED DEVICE & PLATE, UON.	MW	MICROWAVE OVEN
CL	CENTER-LINE	NEC	NATIONAL ELECTRICAL CODE
CLG	CEILING-MOUNTED	OCPD	OVERCURRENT PROTECTIVE DEVICE
COF	COFFEE MAKER	OFCI	OWNER-FURNISHED-CONTRACTOR-INSTALLED
COP	COPIER	OFE	OWNER-FURNISHED EQUIPMENT
CTR	COUNTER	PRT	PRINTER
ECB	ENCLOSED CIRCUIT BREAKER	PTS	PNEUMATIC TUBE STATION
EMER	EMERGENCY	Q	EQUIP BRANCH OR EMERG PWR-RED DEVICE & PLATE, UON.
EWC	ELECTRIC WATER COOLER	REF	REFRIGERATOR
EWH	ELECTRIC WATER HEATER	RQMTS	REQUIREMENTS
FAX	FACSIMILE MACHINE	T	TAMPERPROOF DEVICE
FBO	FURNISHED BY OTHERS	TSP	TWISTED SHIELDED PAIR
GFCI	GROUND FAULT CIRCUIT INTERRUPT-ING - PERSONNEL PROTECTION	UON	UNLESS OTHERWISE NOTED
GFI	GROUND FAULT INTERRUPTING - EQUIPMENT PROTECTION	UCR	UNDER-COUNTER REFRIGERATOR
HGT	HEIGHT	WP	WEATHERPROOF
FPMR	FUSED PER MANUFACTURE'S RECOMMENDATIONS		

SYMBOL	DESCRIPTION	MTG HGT AFF TO CL, UON
	EXPOSED RACEWAY	-----
	RACEWAY CONCEALED IN OR ABOVE CEILINGS AND WITHIN WALLS	-----
	BRANCH CIRCUIT RACEWAY CONCEALED IN OR BELOW FLOOR SLAB OR BELOW GRADE	-----
	FEEDER RACEWAY CONCEALED BELOW FLOOR SLAB OR BELOW GRADE	-----
	LIGHTNING PROTECTION CABLING	-----
	HOMERUN RACEWAY: NUMBER OF ARROWHEADS DENOTES NUMBER OF CIRCUITS.	-----
	RACEWAY TURNING UP AS VIEWED FROM THE LOAD	-----
	RACEWAY TURNING DOWN AS VIEWED FROM THE LOAD	-----
	RACEWAY VERTICAL RISER WITH HORIZONTAL CONTINUATION AT TWO LEVELS SHOWN	-----
	CAPPED RACEWAY	-----
	GENERAL LIGHTING OR OUTLET CIRCUIT - MAY BE DAISY CHAINED	
J	JUNCTION BOX	AS NOTED
	ENCLOSED BREAKER	
	FUSIBLE SAFETY SWITCH (AMP RATING, POLES, FUSE SIZE, AND NEMA ENCLOSURE TYPE IF OTHER THAN 1 NOTED)	-----
	NON-FUSIBLE SAFETY SWITCH (AMP RATING, POLES, AND NEMA ENCLOSURE TYPE IF OTHER THAN 1 NOTED)	-----
	COMBINATION MAGNETIC ACROSS-THE-LINE STARTER WITH MOTOR CIRCUIT PROTECTOR (NEMA STARTER SIZE NOTED)	-----
	CONTROL PANEL FURNISHED INTEGRAL TO EQUIPMENT (SINGLE-POINT ELECTRICAL CONNECTION REQUIRED)	-----
	MOTOR	-----
	FLEXIBLE CONDUIT CONNECTION	-----
	SURFACE- OR FLUSH-MOUNTED LIGHTING/RECEPTACLE PANELBOARD	-----
	POWER DISTRIBUTION PANELBOARD	-----
T T	DRY TYPE TRANSFORMER	-----
XXX	MISCELLANEOUS SYSTEMS PANEL OR CABINET: REFER TO ABBREVIATIONS.	-----

NOTE !! ALL ABBREVIATIONS, NOTES, AND SYMBOLS SHOWN ON THIS DRAWING DO NOT NECESSARILY APPEAR IN THIS SET OF CONTRACT DOCUMENTS. REFER ONLY TO THOSE THAT APPLY.

MOTOR CONTROLLER LEGEND

SYMBOL	DESCRIPTION
MS	ACRO



ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

0 30' 60'

SHEET NOTES

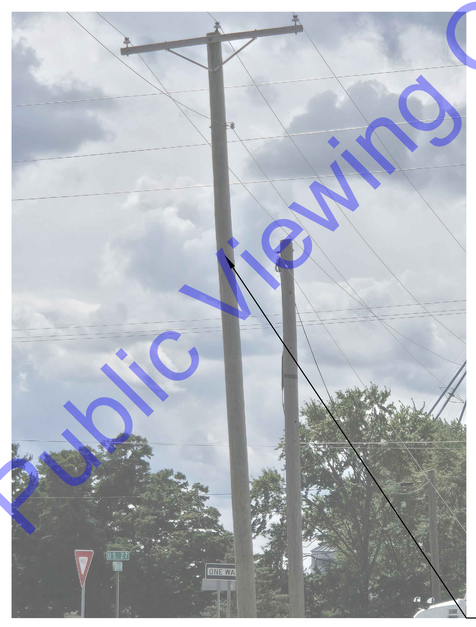
1. ALL WORK SHOWN ON THIS SHEET IS SCOPE OF WORK FOR BASE BID.
2. CONTRACTOR SHALL EXAMINE NOT ONLY PLANS AND SPECIFICATIONS FOR ELECTRICAL AND INSTRUMENTATION, BUT ALSO PLANS AND SPECIFICATIONS FOR OTHER RELATED SECTIONS. VISIT THE SITE TO BECOME ACQUAINTED WITH ALL PROJECT CONDITIONS INCLUDING EXISTING CONDITIONS. EXECUTION OF CONTRACT IS EVIDENCE THAT THE CONTRACTOR HAS EXAMINED ALL DRAWINGS AND SPECIFICATIONS AND THAT ALL CONDITIONS OF INSTALLING THE WORK IN THIS SECTION ARE VERIFIED. LATE CLAIMS FOR LABOR AND MATERIALS REQUIRED DUE TO DIFFICULTIES ENCOUNTERED, WHICH COULD HAVE BEEN FORESEEN HAD EXAMINATIONS BEEN MADE, WILL NOT BE RECOGNIZED.
3. ALL WIRES SHALL BE TERMINATED ON TERMINAL BLOCKS. UTILIZE JUNCTION BOXES AS NECESSARY. SPLICES ARE NOT ACCEPTABLE. ALL WIRES AND TERMINAL BLOCKS SHALL BE CLEARLY LABELED.
4. THE PUMP STATION WET WELL IS CLASSIFIED AS CLASS 1, DIVISION 1, GROUP D PER NPFA 820. THE AREA WHICH EXTENDS TO 18" ABOVE THE PUMP STATION TOP OF SLAB AND EXTENDS 3' BEYOND ALL SIDES OF THE HATCH IS A CLASS 1, DIVISION 1, HAZARDOUS LOCATION. ANY EQUIPMENT LOCATED WITHIN THE CLASSIFIED AREA SHALL BE UL LISTED FOR THAT AREA. ALL WIRING METHODS SHALL CONFORM TO THE REQUIREMENTS OF NEC ARTICLE 500 AND 501.

PLAN NOTES:

1. THREE PHASE POWER IS AVAILABLE AT THE NORTH WEST CORNER OF THE US 27 INTERSECTION, POLE NOTED ON SITE PLAN. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY (AEP) TO PROVIDE 480/277V, 200A, 3-PHASE ELECTRICAL SERVICE TO THE NEW LIFT STATION.
2. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY (AEP) DURING BIDDING AND CONSTRUCTION ON TRANSFORMER TYPE (POLE MOUNTED TRANSFORMER OR PAD MOUNT TRANSFORMER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH NEW ELECTRICAL SERVICE.
3. THE ELECTRIC UTILITY SHALL PROVIDE WIRE FROM UTILITY TO THE METER. THE CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT FROM UTILITY TO METER. CONTRACTOR SHALL FURNISH AND INSTALL ALL OTHER CONDUIT AND WIRING.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL METER BASE AND MOUNTING AS REQUIRED BY LOCAL UTILITY (AEP). COORDINATE DURING BIDDING AND CONSTRUCTION. PROVIDE CT CABINETS AS REQUIRED BY UTILITY.

GENERAL NOTES:

SEE E0.0 FOR PROJECT CONDUIT REQUIREMENTS.



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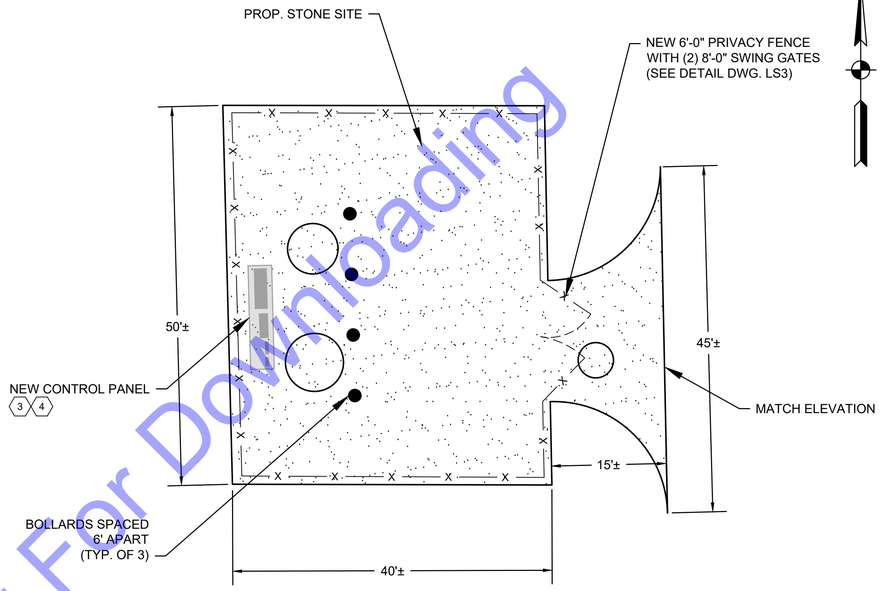
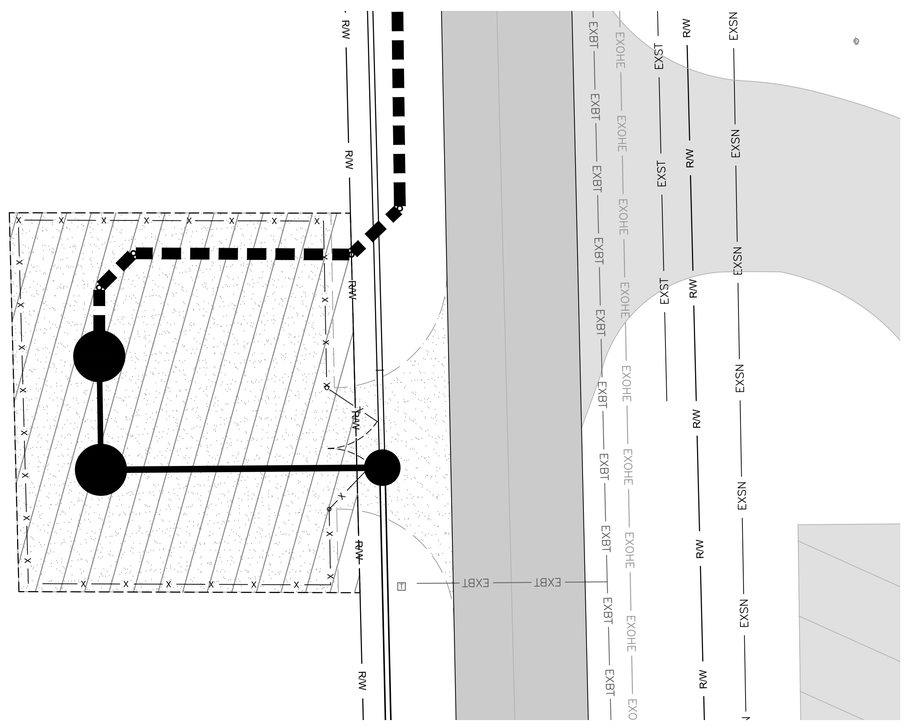


STONE SITE PLAN AND BOLLARD LAYOUT

SCALE: NONE



ELECTRICAL BLOW-UP SITE PLAN

SCALE: 1"=10'-0"

0 10' 20'

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MICHAEL A. MIRANDE II
REGISTERED
No. 19800084
STATE OF INDIANA
PROFESSIONAL ENGINEER

Signature 09/09/2025 Date

ADAMS COUNTY REGIONAL SEWER DISTRICT
ADAMS COUNTY, INDIANA

2024 SANITARY SEWER EXTENSIONS
PROJECT 6 - CONTRACT B -
CR W 1200 N - CR N 200 W

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No.	Submittal / Revision	By	Date

Designed By:	Drawn By:	Checked By:
SD	SD	MM
Issue Date: 9/2025	Project No: S24207	Scale: AS SHOWN

ELECTRICAL SITE PLAN

Drawing No: E1-0

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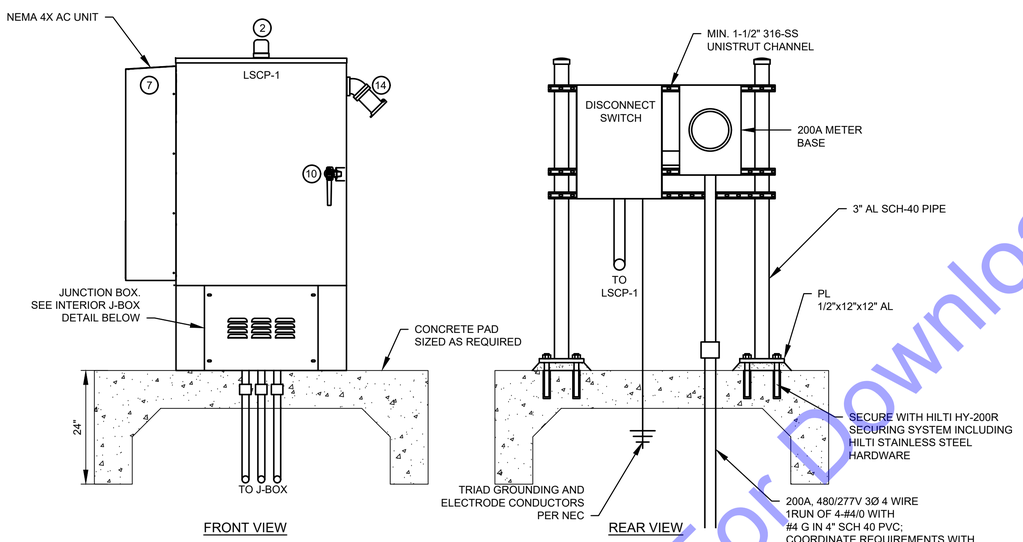
NEMA 4X CONTROL PANEL DEVICE LEGEND (#)

ITEM#	DESCRIPTION
1	PILOT DEVICES (TYPICAL FOR EACH PUMP): RUNNING LIGHT, HOA SWITCH, HIGH LEVEL, AND ELAPSED TIME METER. PILOT DEVICES TO BE MOUNTED ON PANEL DEAD FRONT.
2	NEMA 4 ALARM LIGHT WITH INTEGRAL BUZZER AND ALARM ACKNOWLEDGE PUSHBUTTON LOCATED ON SIDE OF PANEL.
3	ALTERNATING RELAYS AND CONTROL RELAYS AS REQUIRED.
4	VFD'S SIZED AS REQUIRED FOR THE FLA OF THE PUMPS.
5	VOLTAGE MONITOR.
6	ISOLATION CIRCUIT BREAKERS WITH LOCKOUT/TAGOUT CAPABILITY. BREAKER ACCESSIBLE THROUGH DEAD FRONT.
7	NEMA 4X AC UNIT SIZED AS REQUIRED. PROVIDE HEAT LOAD CALCULATIONS WITH SUBMITTAL.
8	MISCELLANEOUS COMPONENTS INCLUDING BUT NOT LIMITED TO PILOT RELAYS, TERMINAL BLOCKS, CIRCUIT BREAKERS, CONTROL TRANSFORMER, POWER SUPPLIES, ETHERNET SWITCH, ETC. TO PROVIDE FOR A COMPLETE AND FUNCTIONING CONTROL PANEL.
9	HEATER WITH INTEGRAL THERMOSTAT.
10	3 POINT LATCHING SYSTEM ON ON PANEL DOOR (CLAMPS NOT ACCEPTABLE).
11	PUMP CONTROLLER (QCI 1500cT).
12	ELAPSED TIME METER TO RECORD TIME OF SIMULTANEOUS PUMP OPERATION.
13	PROVIDE MECHANICAL INTERLOCK BETWEEN MAIN AND EMERGENCY BREAKERS.
14	EMERGENCY RECEPTACLE WITH ANGLE ADAPTER. COORDINATE WITH OWNER FOR EXACT PART NUMBER BEFORE ORDERING.

PLAN NOTES:

1. COORDINATE WITH THE CONTRACTOR AND EQUIPMENT SUPPLIERS WHEN SELECTING THE CIRCUIT BREAKER SIZES TO ENSURE NEW CIRCUIT BREAKERS ARE PROPERLY SIZED.
2. WIRE PUMP SAFETIES AND LEVEL CONTROLS AS REQUIRED. COORDINATE WITH CONTRACTOR DURING BIDDING AND CONSTRUCTION. INTEGRATE PUMP SAFETY RELAYS INTO CONTROL PANEL AS REQUIRED BY PUMP MANUFACTURER.
3. NEMA 4X STAINLESS STEEL DISCONNECT SIZED AS REQUIRED FOR THE LOAD PER NEC.



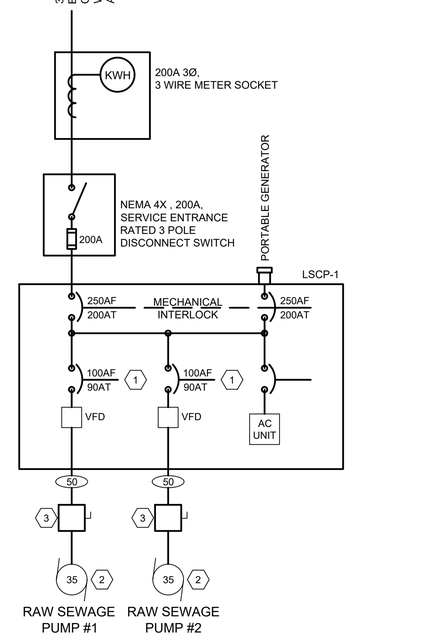
ELECTRICAL AND PUMP CONTROL MOUNTING DETAIL

SCALE: NTS

NOTES:

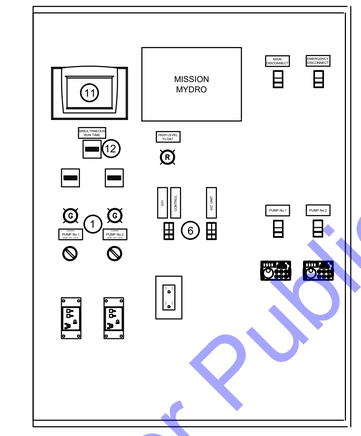
1. SIZE NEMA 4X CONTROL PANEL AS REQUIRED.
2. CONTROL PANEL SHALL BE CONSTRUCTED TO UL STANDARDS IN A UL PANEL SHOP. CONTROL PANEL SHALL BE UL LISTED.
3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE ELECTRIC UTILITY TO PROVIDE POWER SERVICE TO THE NEW LIFT STATION. PROVIDE CONDUIT, WIRE, METER BASE, ETC. TO PROVIDE POWER COMPLETE TO THE LIFT STATION.
4. CONTRACTOR TO COORDINATE AND PROVIDE MAIN SERVICE ENTRANCE BREAKER WITH KAIC RATING AS REQUIRED BY THE ELECTRIC UTILITY.
5. CONTRACTOR TO PROVIDE METER BASE PER ELECTRIC UTILITY METER BASE REQUIREMENTS.
6. ALL COSTS ASSOCIATED WITH PROVIDING POWER TO THE LIFT STATION SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE.
7. PILOT DEVICES, ELAPSED TIME METERS, AND TOUCH SCREEN SHALL BE MOUNTED ON THE PANEL DEAD FRONT.
8. PROVIDE SUBMERSIBLE LEVEL SENSOR WITH LOW LEVEL FLOAT AND HIGH LEVEL FLOAT AS BACKUP.
9. SCHEDULE 80 PVC CONDUIT IS ACCEPTABLE BELOW GRADE AFTER SEAL FITTING.

Load Wiring Schedule		
	Copper Wire	
Type #:	Quantity and Wire Size	Conduit
20	3 #12's & #12 Ground	3/4"
30	3 #10's & #10 Ground	3/4"
50	3 #8's & #10 Ground	3/4"
60	3 #6's & #8 Ground	3/4"
80	3 #4's & #8 Ground	1"
100	3 #2's & #6 Ground	1.5"
125	3#1's & #6 Ground	1.5"
150	3 - 2/0 & #6 Ground	2"
200	3 - 4/0 & #4 Ground	2.5"
250	3 - 300's & #4 Ground	3"



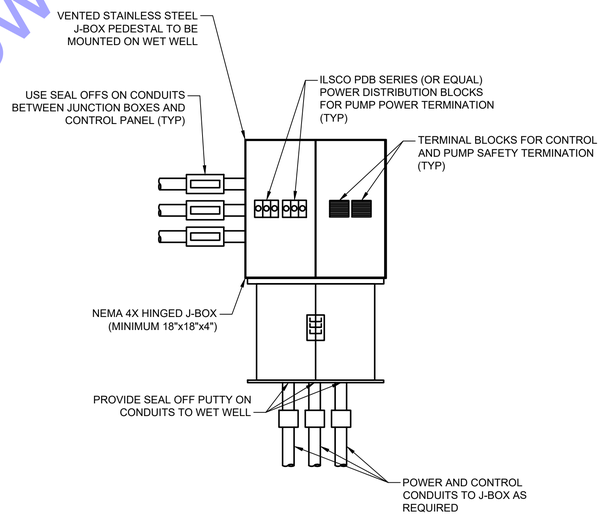
ONE LINE DIAGRAM

SCALE: NTS

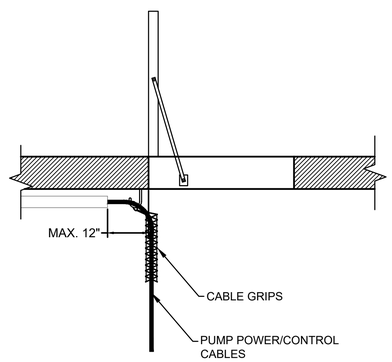


CONTROL PANEL DETAIL

SCALE: NTS



J-BOX INTERIOR DETAIL



POWER/CONTROL CONDUIT DETAIL

SCALE: NTS

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ELECTRICAL RISER DIAGRAM

Drawing No: E1-1

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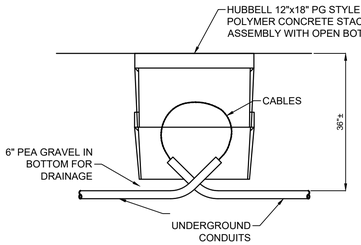
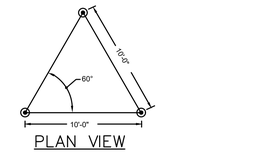


NOTES:

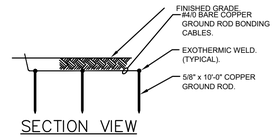
PROVIDE LOGOS AS SHOWN ON THE DRAWINGS. COLOR AS SELECTED BY OWNER.

YARD PULL/JUNCTION BOX DETAIL

NOT TO SCALE



PLAN VIEW



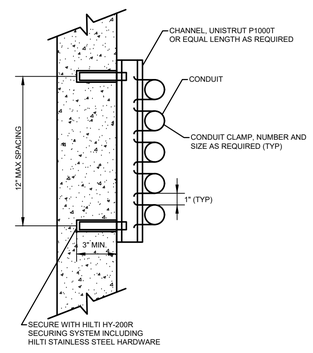
SECTION VIEW

NOTES:

PROVIDE LOGOS AS SHOWN ON THE DRAWINGS. COLOR AS SELECTED BY OWNER.

GROUNDING ELECTRODE SYSTEM

NOT TO SCALE



WALL MOUNTED CONDUIT RACK

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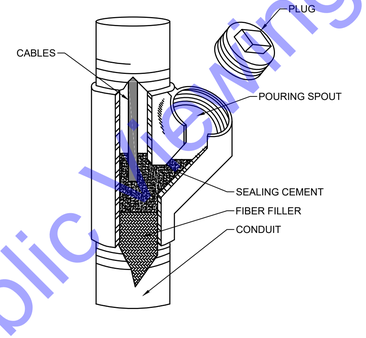
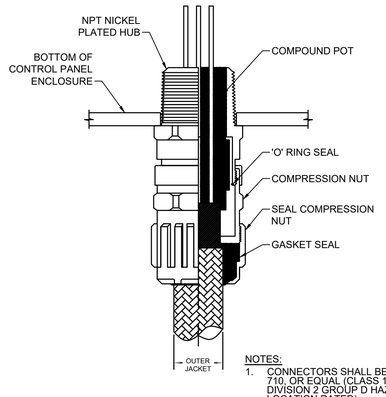


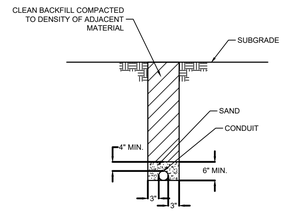
CONDUIT SEAL FITTING



NOTES:

1. CONNECTORS SHALL BE HAWKE 710, OR EQUAL (CLASS 1, DIVISION 2 GROUP D HAZARDOUS LOCATION RATED).
2. PROVIDE SEALING WASHER FOR INGRESS PROTECTION WHERE SPECIFIED.

PUMP POWER AND CONTROL CABLE GLAND CONNECTION



NOTE:

WHERE THERE IS MORE THAN ONE CONDUIT PER TRENCH, CONDUITS SHALL NOT BE PLACED CLOSER THAN 8" CENTER TO CENTER.

DIRECT BURIAL CONDUIT DETAILS IN EARTH

NOT TO SCALE

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ELECTRICAL DETAILS

Drawing No: E2-0

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