

SHEET INDEX

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21-23	C500-C502	CONSTRUCTION DETAILS

GENERAL NOTE:

- Proposed grades, storm sewers, and other utilities are shown for informational purposes. Grading and installation is to be completed by the contractor completing the rest stop re-construction in accordance with the following drawings sets:

Drawing Set #1 - Welcome Center
 Drawing Set #2 - Trucker Restrooms
 Drawing Set #3 - Maintenance Building & Dumpster Enclosure
 Drawing Set #4 - Landscape
 Drawing Set #5 - Site
 Drawing Set #6 - Sanitary

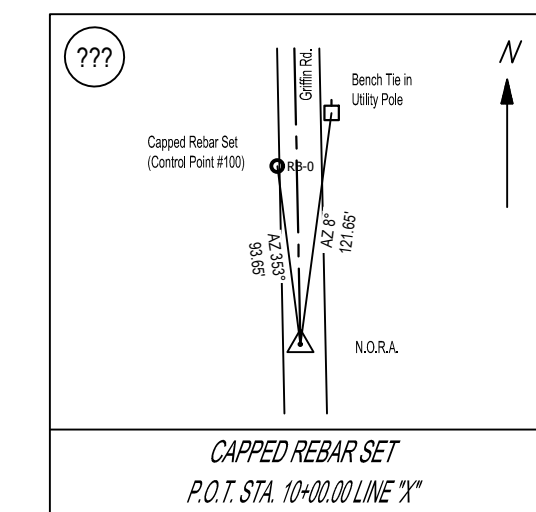
UTILITY NOTES:

- See architectural plans for detailed information and exact locations for utility connections to buildings.
- The contractor is responsible with coordinating with the utility companies for connection of the proposed utility lines for the project site.
- For viewing clarity of these construction plans, the pipes or structures may not be drawn to scale.
- A minimum of 18 inches of vertical separation and 10 feet of horizontal separation shall be provided between water and sanitary lines. If this separation cannot be achieved, then the sanitary sewer must be constructed of water works grade materials.
- A minimum of 18 inches of vertical separation shall be provided between storm and sanitary sewers. If the vertical separation between the storm and sanitary lines cannot be achieved, then a concrete saddle shall be used at these crossings.
- A minimum of 3 feet of vertical separation and 2 feet of horizontal separation shall be provided between ITS conduit and force main, water main, and gravity sewer utilities.
- When connections are to be made to existing piping and structures or where construction is in the vicinity of existing piping, the location and elevation of the existing piping and structures shall be field verified by the contractor. If any discrepancies are found, then the engineer shall be notified immediately.
- All sewer mains shall be installed with tracer wire and locate wire boxes. See project manual.
- No permanent or temporary impacts to the wetlands shown on the plans shall occur. Steel plates and/or rubber mains may be used to bridge the linear wetlands for equipment crossings with prior approval of the engineer.
- All sewer force main shall be installed by horizontal directional drilling except for small areas between fittings.
- All traffic control shall be in accordance with MUTCD.

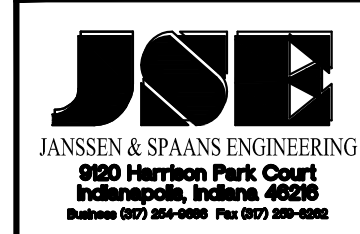
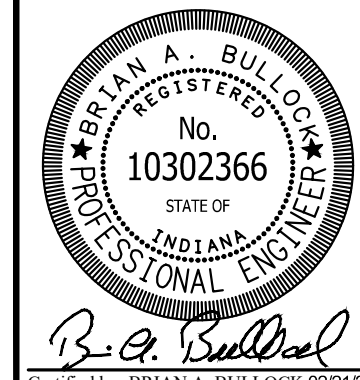
SECTION CORNER REFERENCES

<table border="1"><thead><tr><th>REF. FOUND</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>E. Edge Nail Sign</td></tr><tr><td>2</td><td>S. Edge US Hwy 40/WW R/W P. Sign</td></tr><tr><td>3</td><td>W. Edge One Way Sign</td></tr></tbody></table> <p>1" Ø IRON PIPE FOUND FLUSH w/SURFACE NORTHWEST CORNER OF NW 14, SEC. 35, T12N, R10W</p>	REF. FOUND	DESCRIPTION	1	E. Edge Nail Sign	2	S. Edge US Hwy 40/WW R/W P. Sign	3	W. Edge One Way Sign	<table border="1"><thead><tr><th>REF. FOUND</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>S. Face Steel Fence Corner Post</td></tr><tr><td>2</td><td>S. Edge US Hwy 40/WW R/W P. Sign</td></tr><tr><td>3</td><td>N.E. Cor. Mailbox</td></tr></tbody></table> <p>RAILROAD SPIKE FOUND 0.2' BELOW SURFACE SOUTHWEST CORNER OF NW 14, SEC. 35, T12N, R10W</p>	REF. FOUND	DESCRIPTION	1	S. Face Steel Fence Corner Post	2	S. Edge US Hwy 40/WW R/W P. Sign	3	N.E. Cor. Mailbox	<table border="1"><thead><tr><th>REF. FOUND</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>S.W. Cor. Storage Building</td></tr><tr><td>2</td><td>Nail w/Steel Pipe 1.588y Pole</td></tr><tr><td>3</td><td>Mag Nail in Utility Pole</td></tr></tbody></table> <p>BOLT SPIKE FOUND 0.5' BELOW SURFACE SOUTHWEST CORNER OF NE 14, SEC. 34, T12N, R10W</p>	REF. FOUND	DESCRIPTION	1	S.W. Cor. Storage Building	2	Nail w/Steel Pipe 1.588y Pole	3	Mag Nail in Utility Pole	<table border="1"><thead><tr><th>REF. FOUND</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>18" Beach Tree</td></tr><tr><td>2</td><td>Double Elm Tree</td></tr><tr><td>3</td><td>12" Beach Tree</td></tr></tbody></table> <p>5" Ø REBAR FOUND 0.3' ABOVE SURFACE NORTHWEST CORNER OF NE 14, SEC. 35, T12N, R10W</p>	REF. FOUND	DESCRIPTION	1	18" Beach Tree	2	Double Elm Tree	3	12" Beach Tree	<p>N.R.A.</p>	<p>N.R.A.</p>	<table border="1"><thead><tr><th>REF. FOUND</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>Telephone Pedestal</td></tr><tr><td>2</td><td>Day Wm Anchor</td></tr><tr><td>3</td><td>Utility Pole</td></tr></tbody></table> <p>STONE FOUND 0.1' ABOVE SURFACE NORTHWEST CORNER OF SW 14, SEC. 26, T12N, R10W</p>	REF. FOUND	DESCRIPTION	1	Telephone Pedestal	2	Day Wm Anchor	3	Utility Pole	<table border="1"><thead><tr><th>REF. FOUND</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>18" Double Maple</td></tr><tr><td>2</td><td>12" Maple</td></tr><tr><td>3</td><td>Post</td></tr></tbody></table> <p>STONE FOUND 0.3' ABOVE SURFACE SOUTHWEST CORNER OF SE 14, SEC. 35, T12N, R10W</p>	REF. FOUND	DESCRIPTION	1	18" Double Maple	2	12" Maple	3	Post
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ALIGNMENT POINT REFERENCES



CONTROL POINT REFERENCES



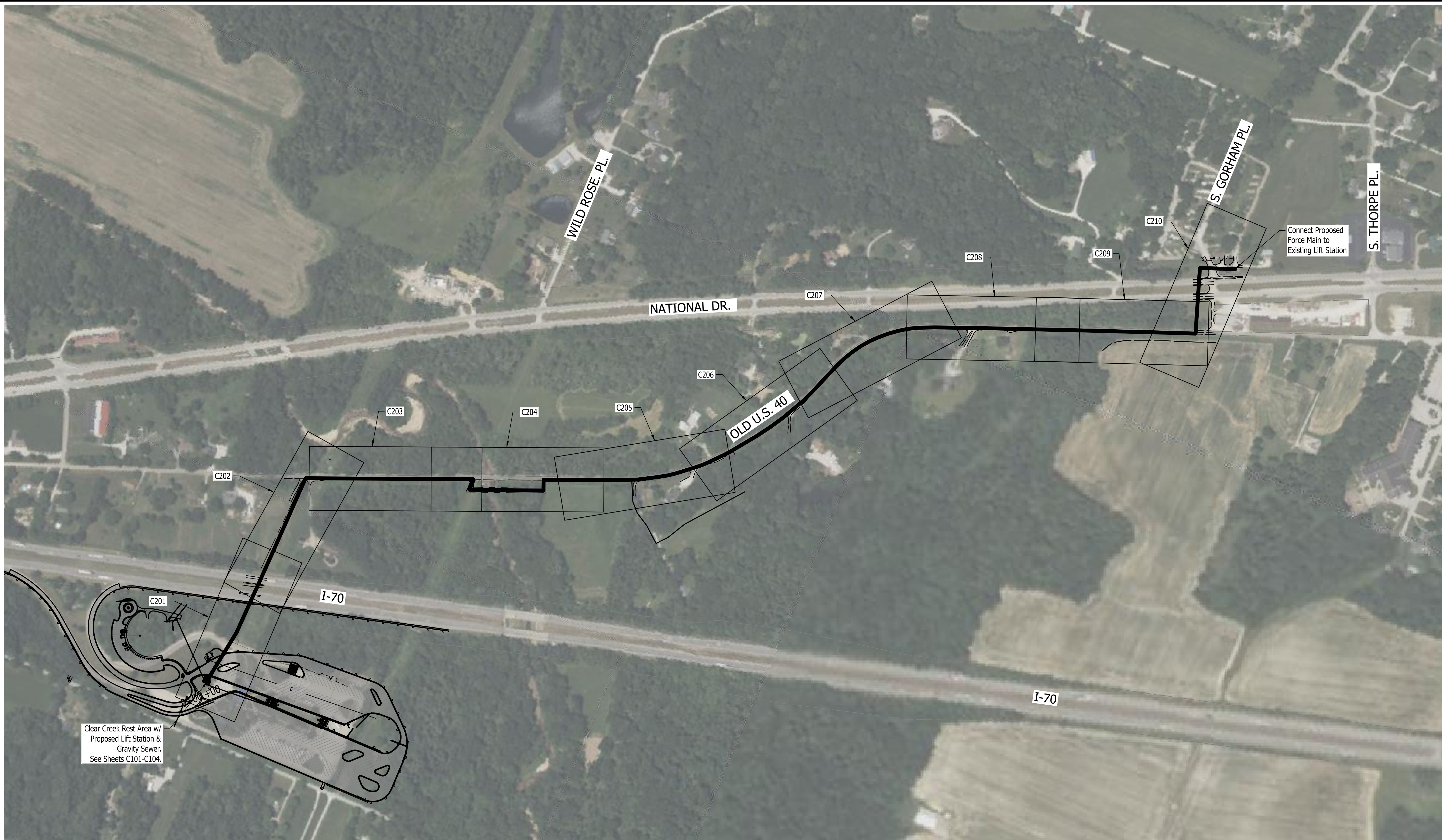
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 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



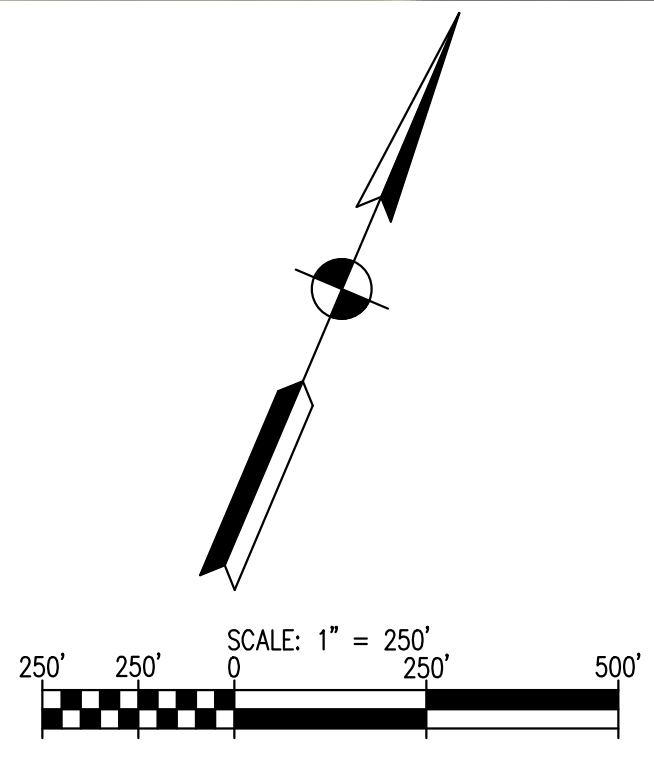
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 ROOM 940, INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

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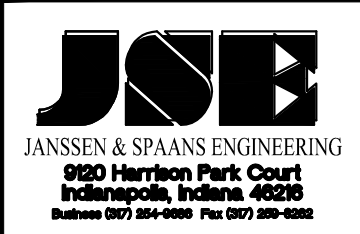
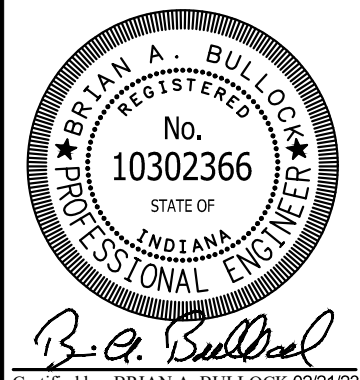
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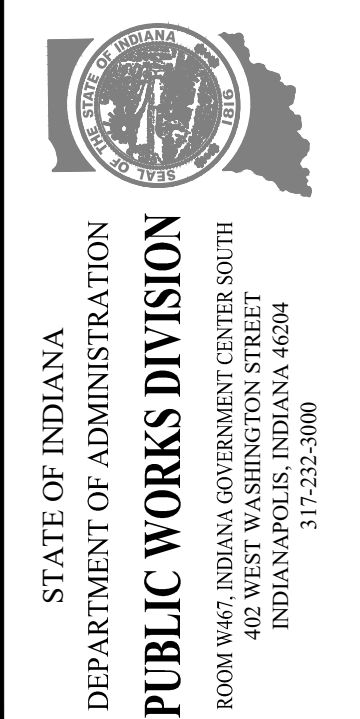
Clear Creek Rest Area w/
Proposed Lift Station &
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See Sheets C101-C104.



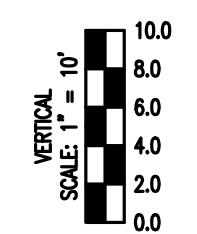
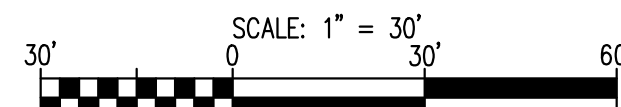
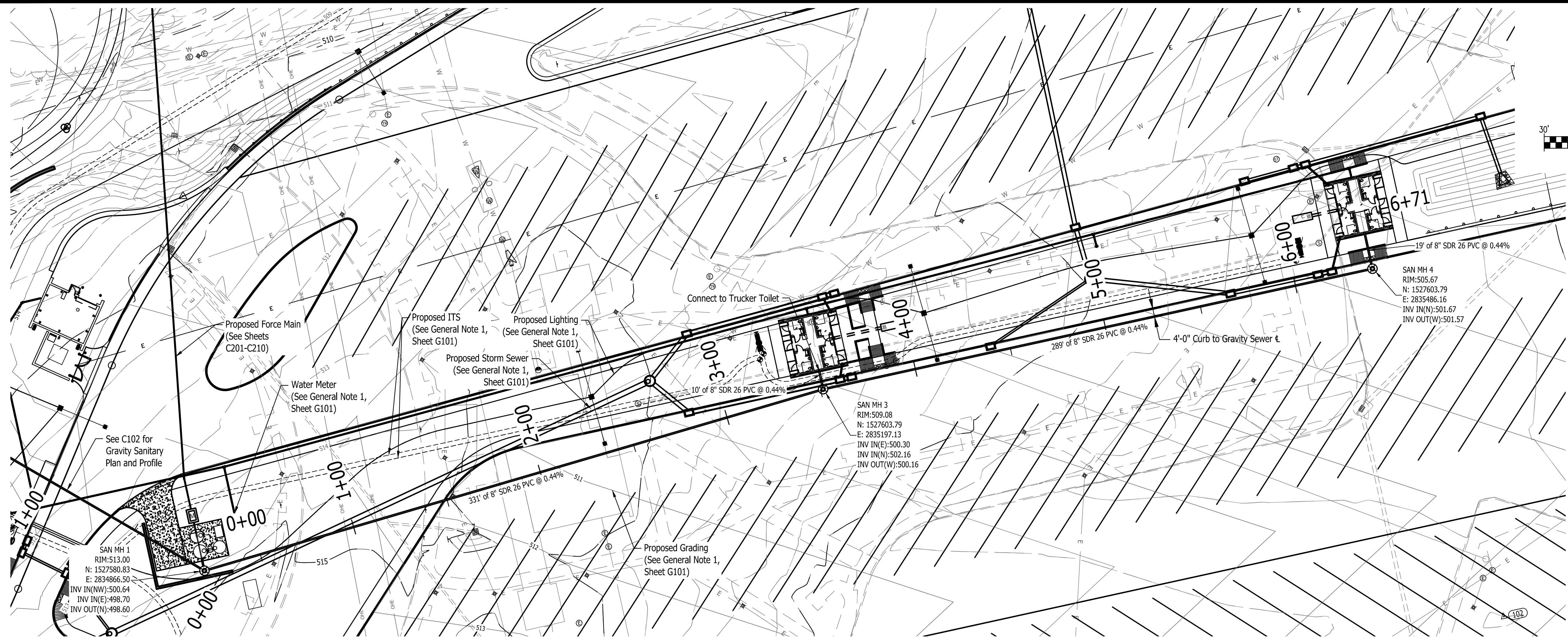
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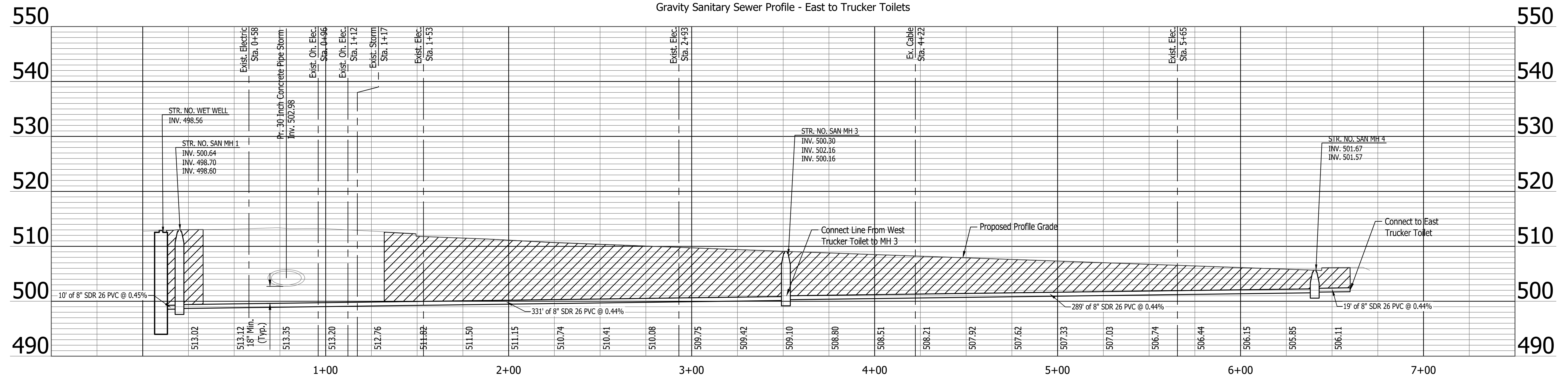


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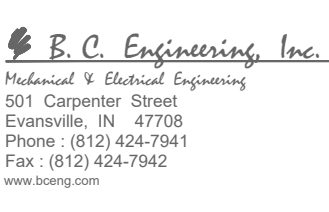
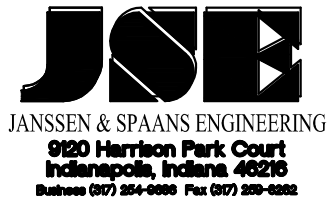


UTILITY NOTES:
 1. All existing utility sizes, locations, and depths shall be field verified by contractor prior to construction. Utility sizes and locations shown are based on best available information.

Gravity Sanitary Sewer Profile - East to Trucker Toilets



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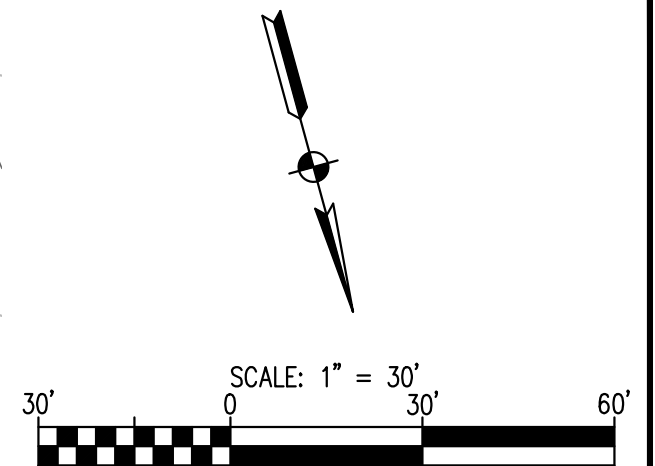
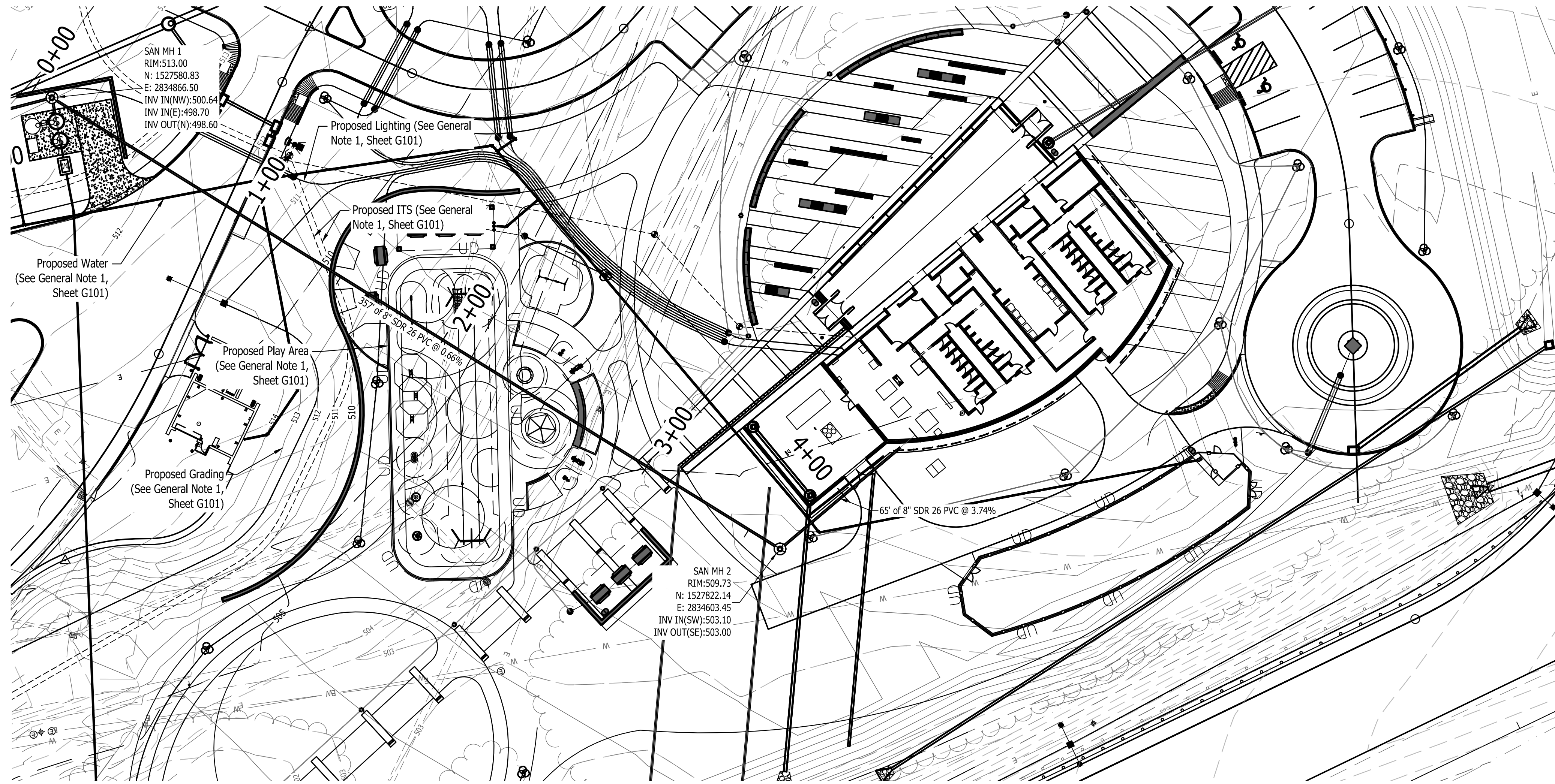


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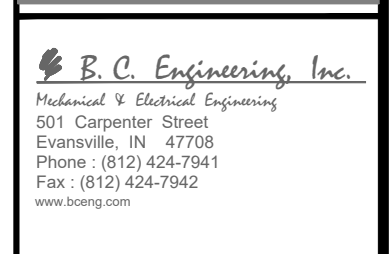
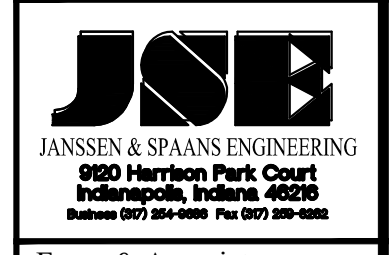
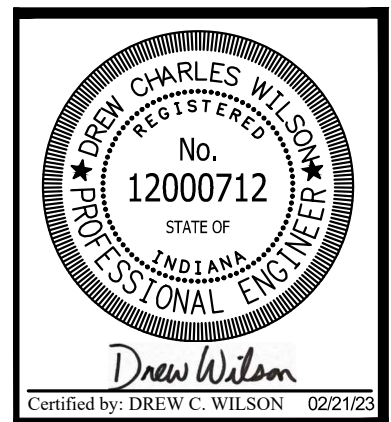
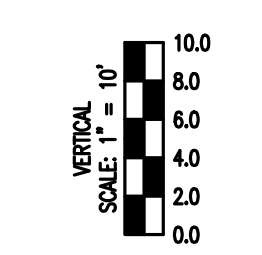
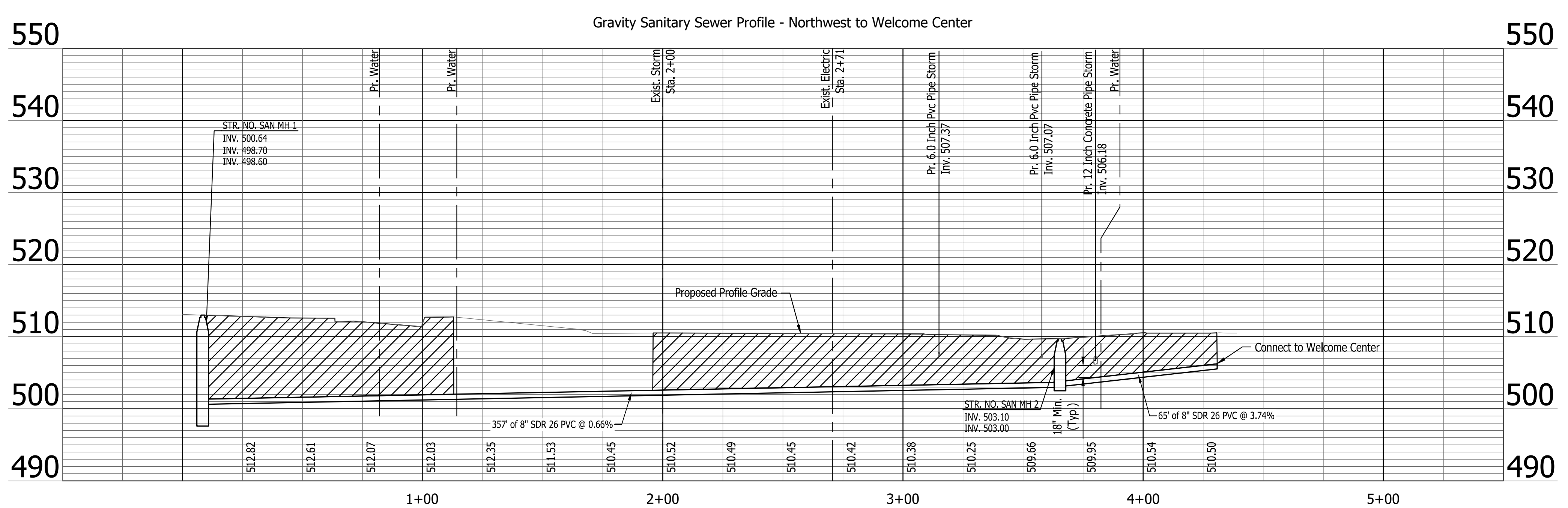


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 317-232-3000

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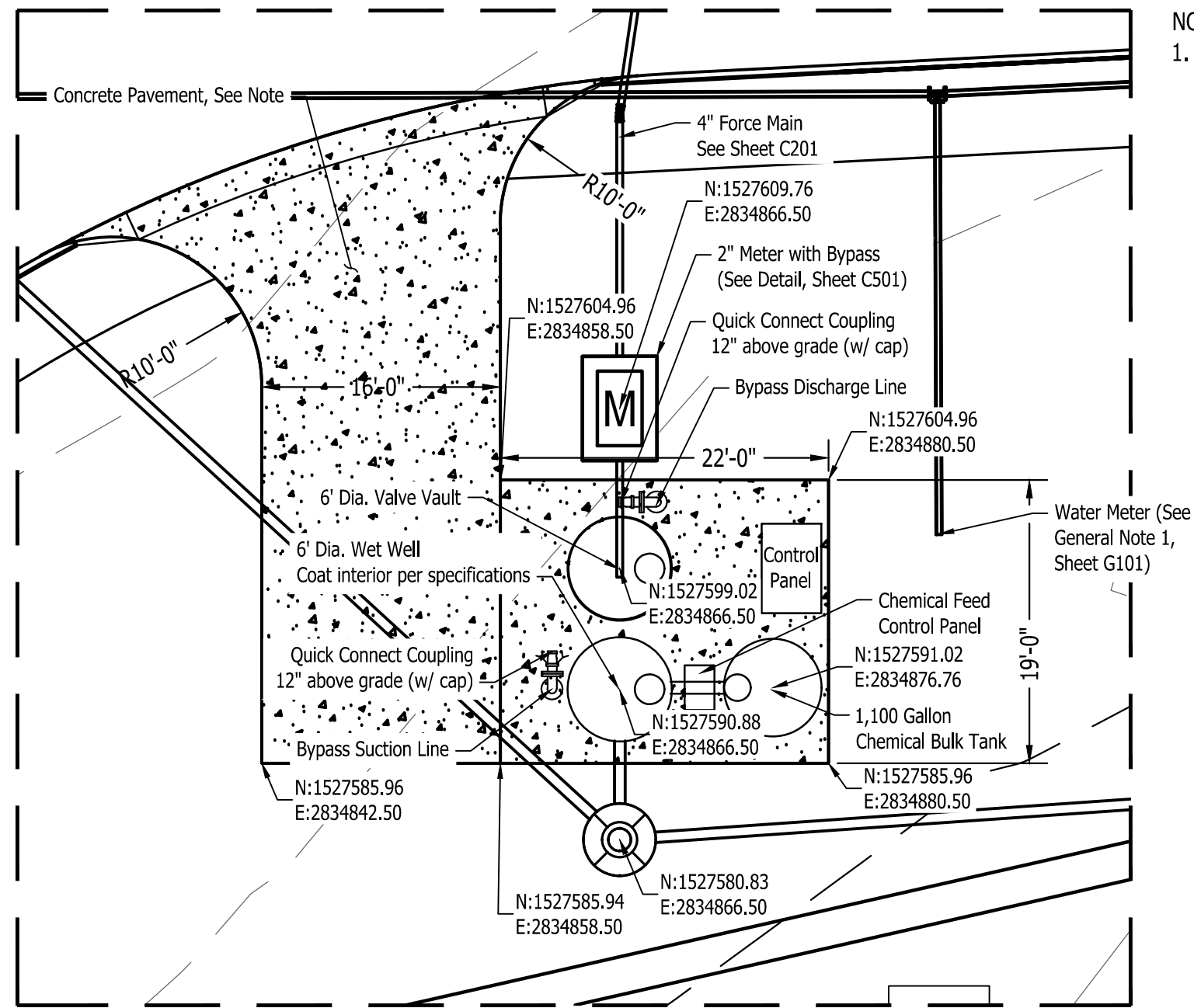


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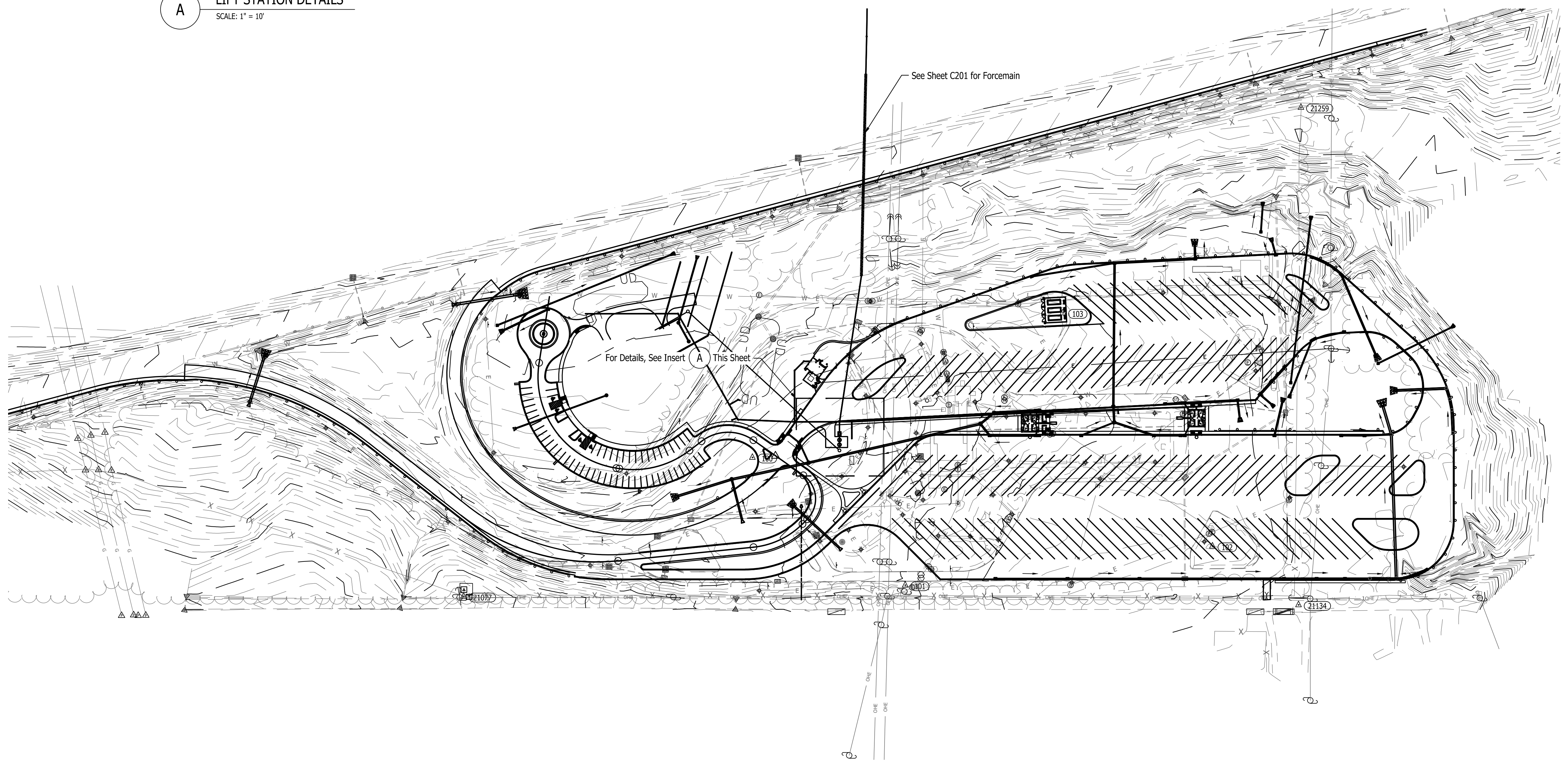
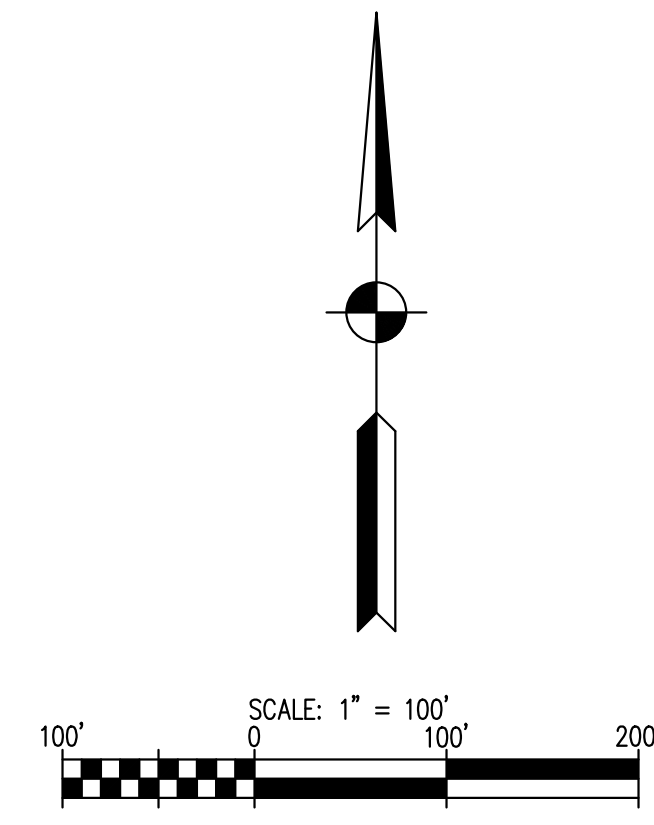
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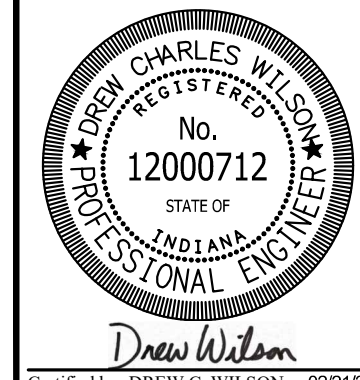


NOTE:
 1. Reinforce 8" depth concrete pavement with #4s @ 12" o.c. both ways. Install 12" crushed stone base under concrete pad.

A LIFT STATION DETAILS
 SCALE: 1" = 10'



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JSE
 JANSSEN & SPAANS ENGINEERING
 950 Harrison Park Court
 Indianapolis, Indiana 46205
 Phone: (317) 254-0000 Fax: (317) 254-0000

Fosse & Associates
 Architects, Inc.
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 www.fosse.com

B.C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7941 Fax: (812) 424-7942
 www.bceing.com

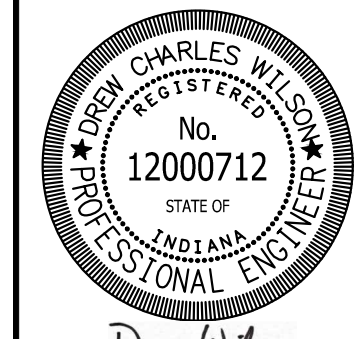


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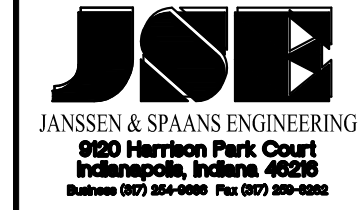


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 317-232-3000

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Certified by: DREW C. WILSON 02/21/23

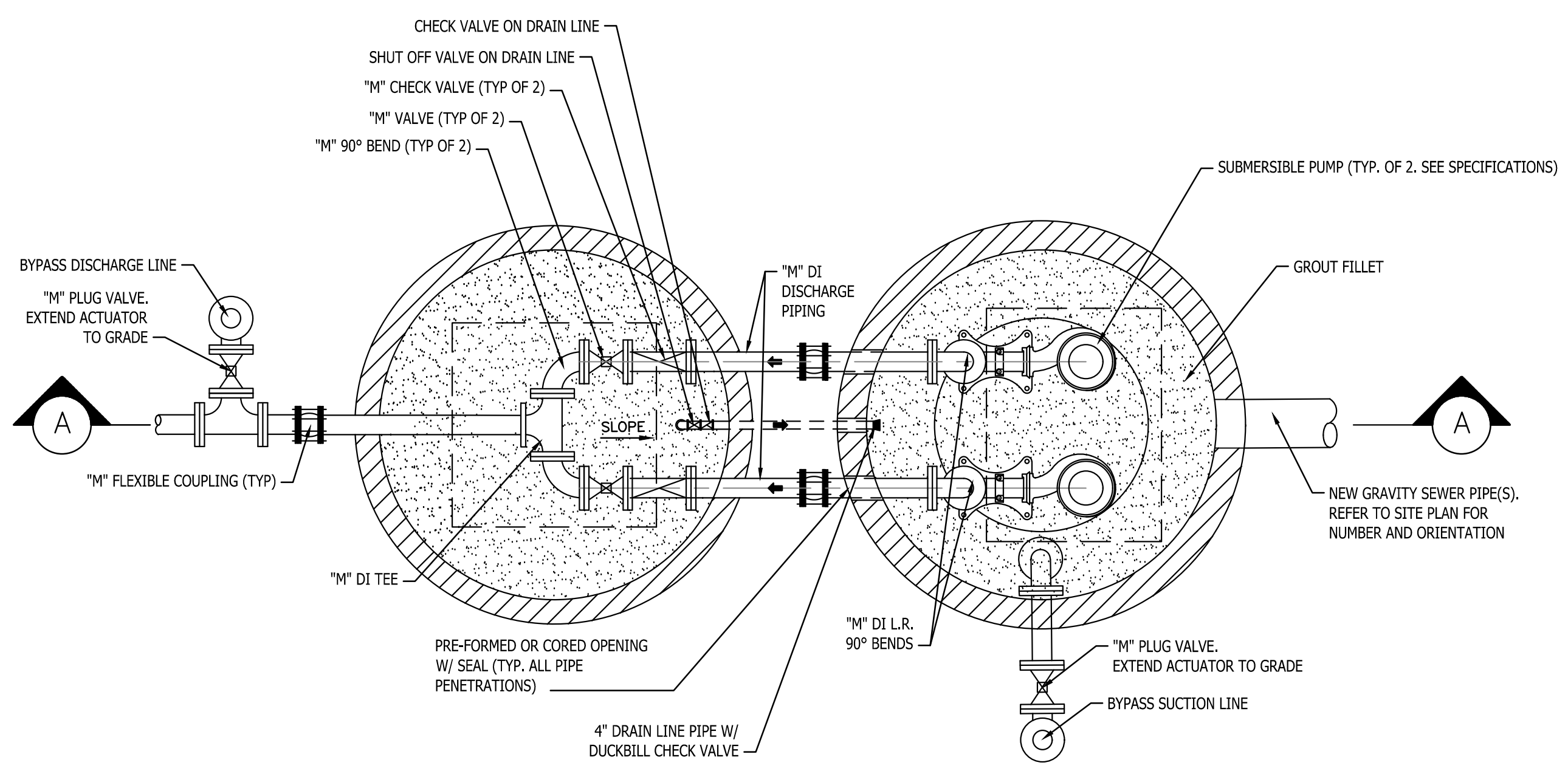


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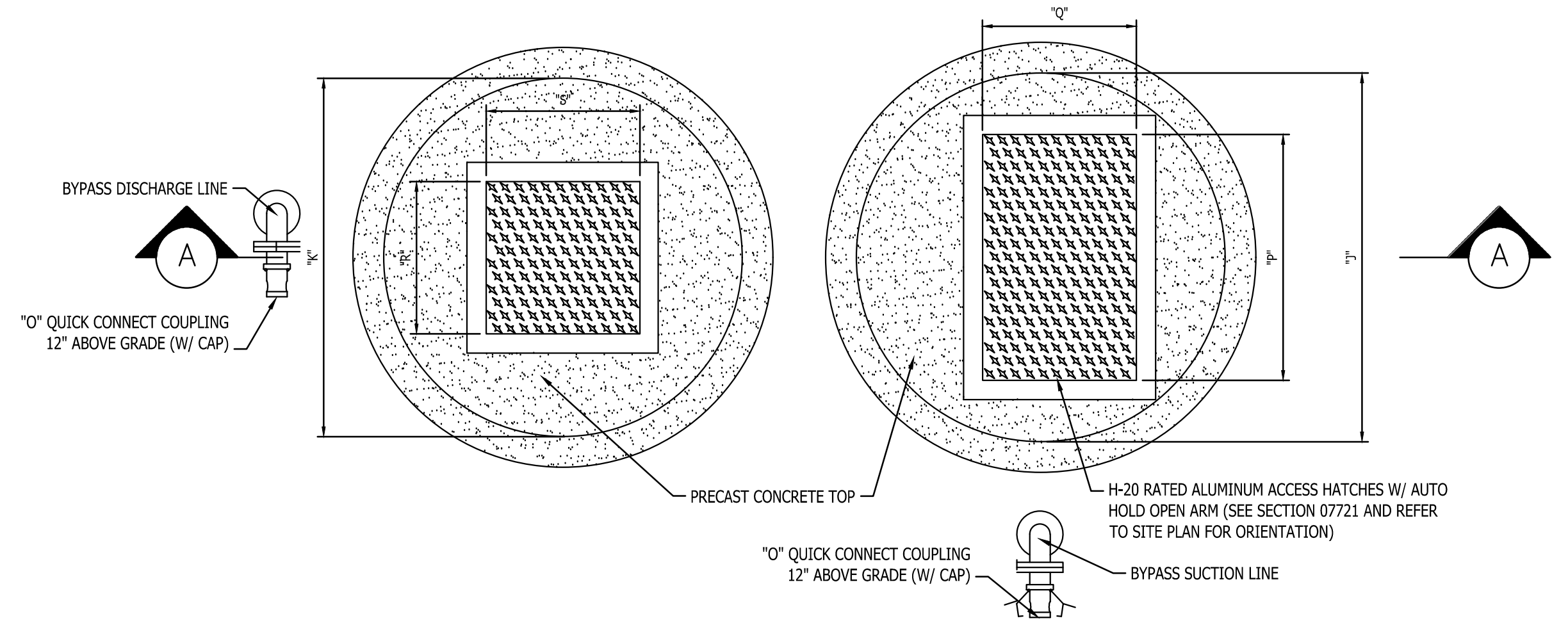


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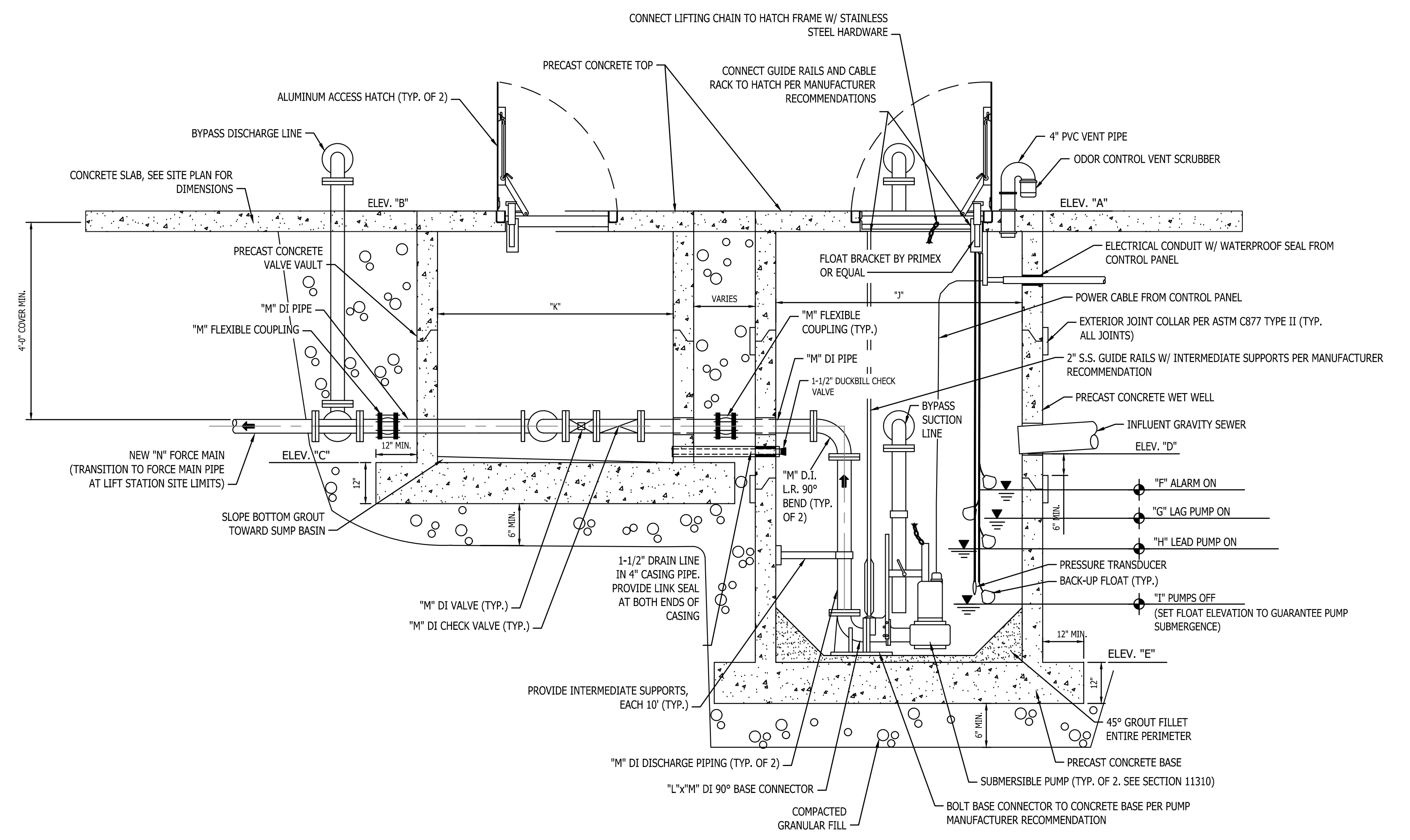
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VALVE VAULT WET WELL
 WET WELL AND VALVE VAULT PLAN – BELOW COVER
 NOT TO SCALE



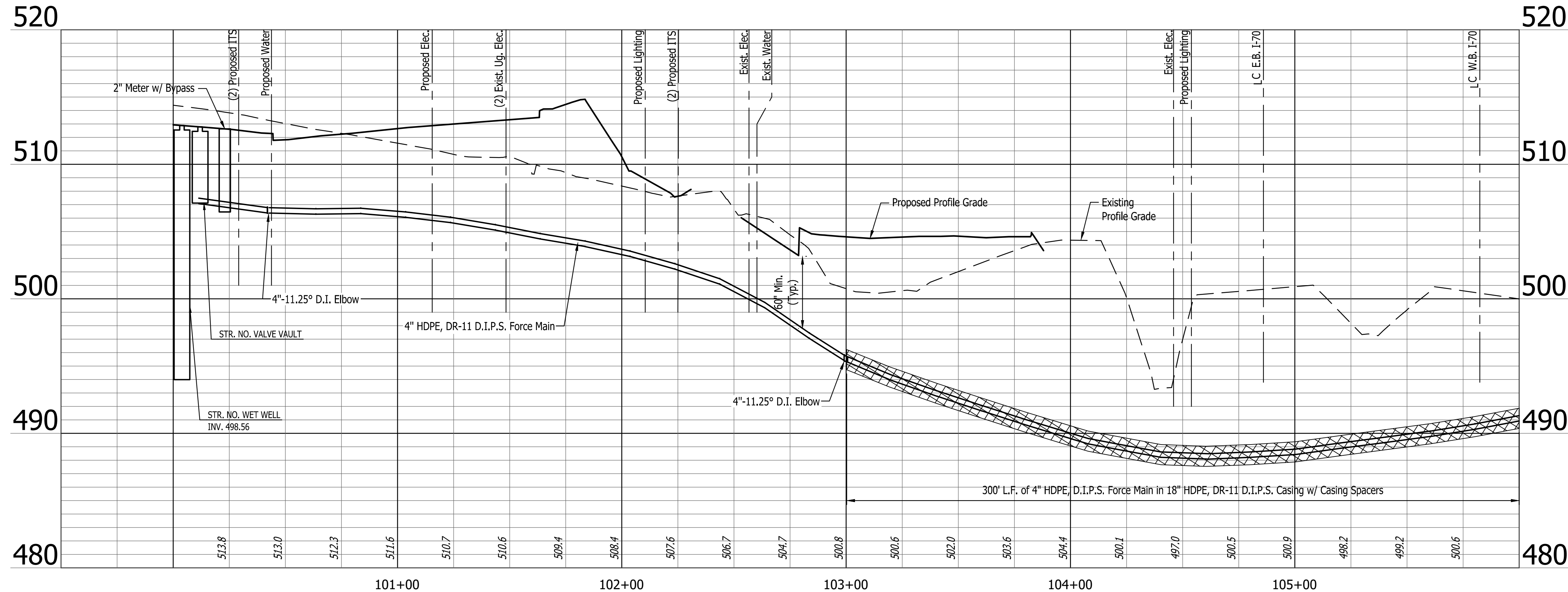
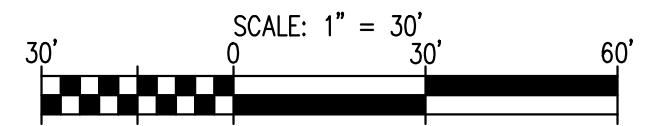
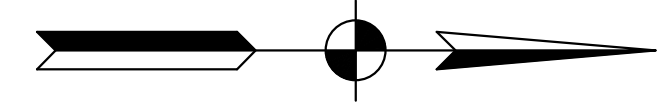
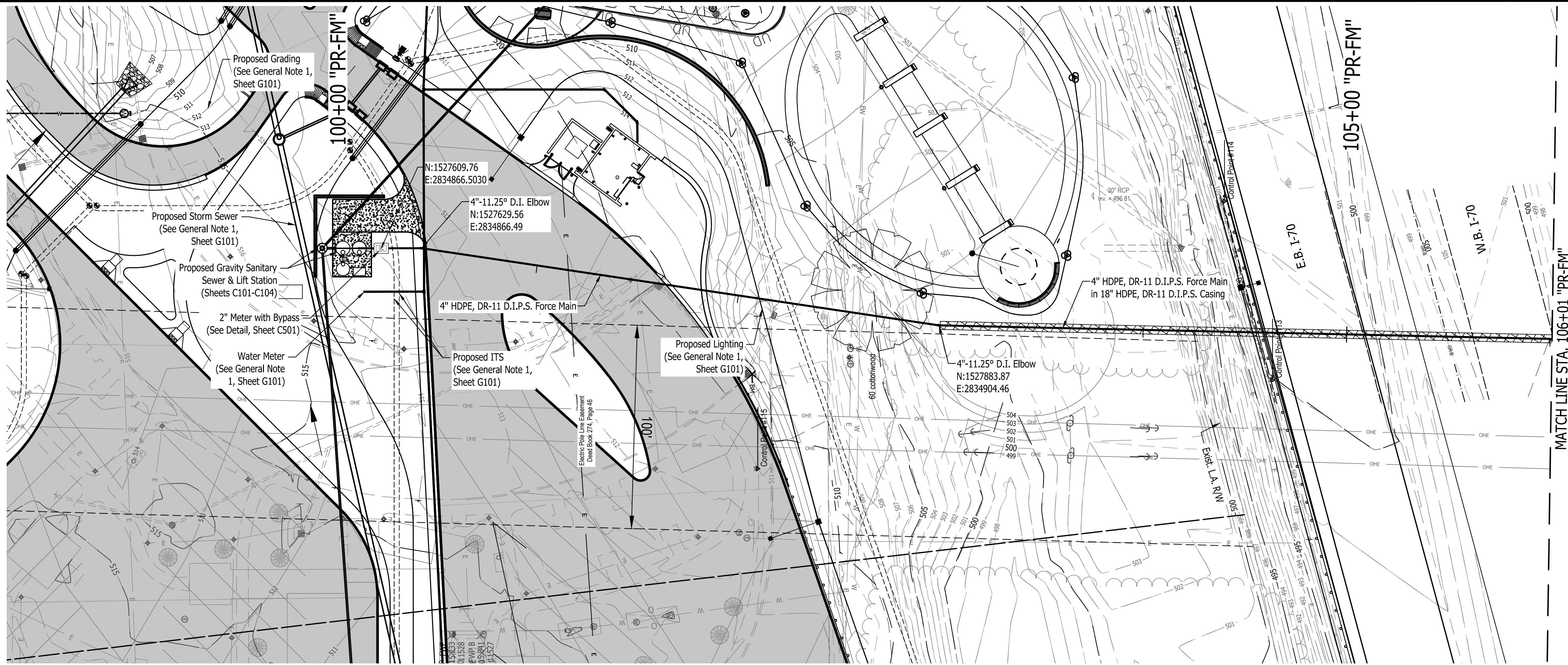
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 WET WELL AND VALVE VAULT PLAN – AT GRADE
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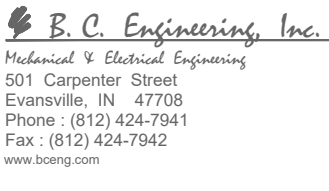
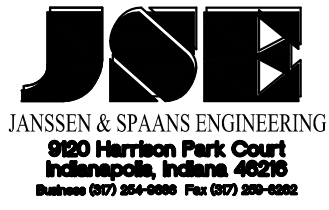
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"D"	498.56	
"E"	493.11	
"F"	498.06	
"G"	497.56	
"H"	497.06	
"I"	494.61	
"J"		6 FT
"K"		6 FT
"L"		3 IN
"M"		4 IN
"N"		4 IN
"O"		4 IN
"P"		48 IN
"Q"		30 IN
"R"		30 IN
"S"		30 IN

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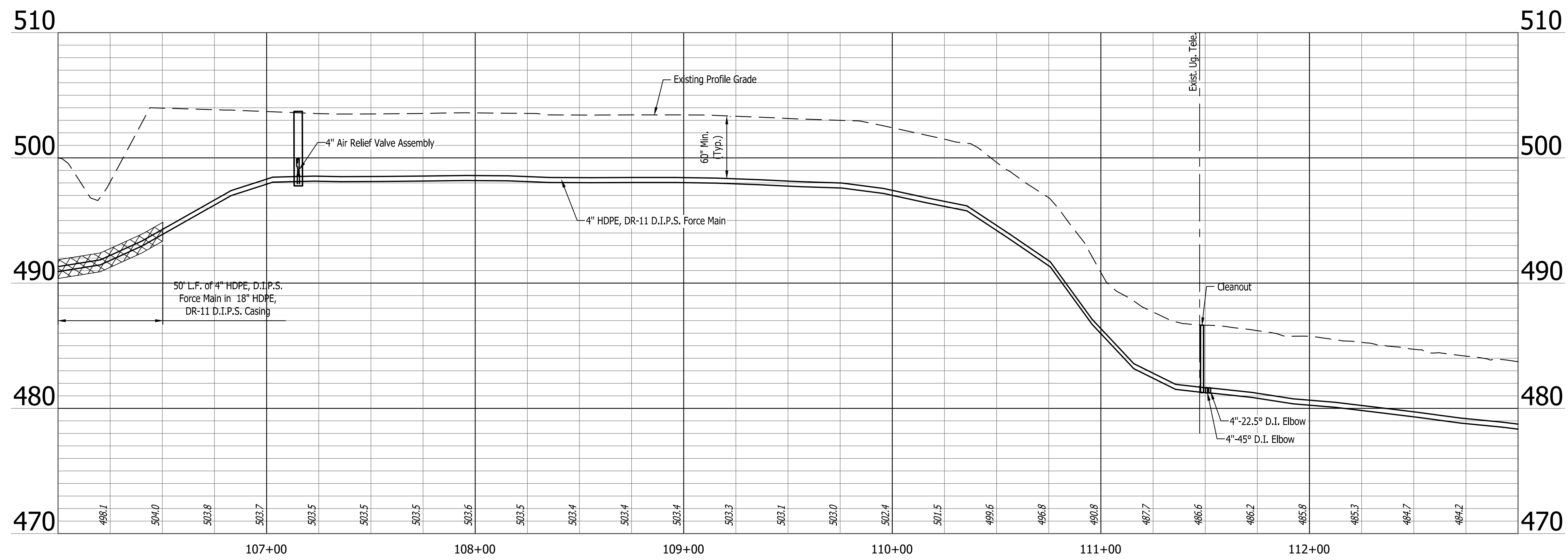
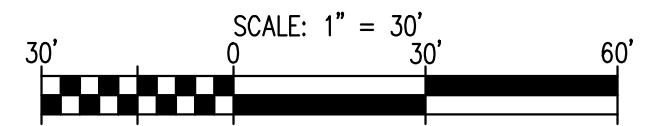
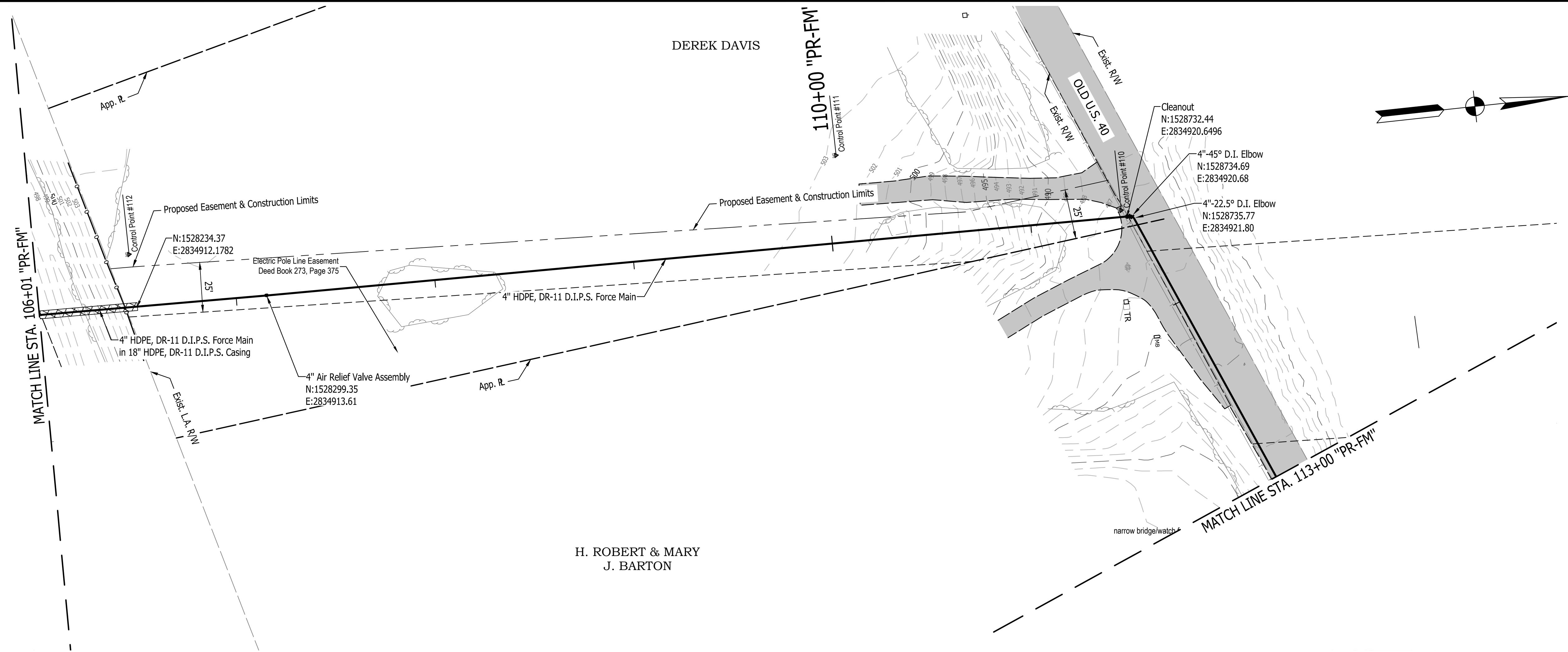


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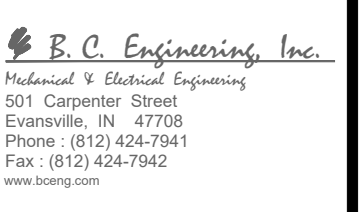
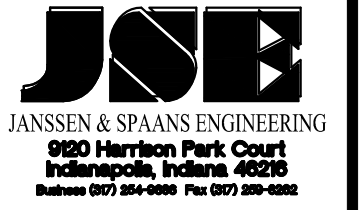
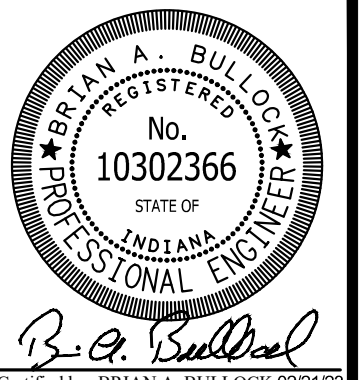


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Project Number:	84003001-22-058-C1
Requestion Number:	
Account Number:	
Designer:	BAB
Drawing Date:	02/21/23
Drafter:	OMV
Drawing Scale:	1"=30'
DAPW Approval:	
Client Approval:	
Reference Number:	220005
Building Reference:	
Drawing Number:	C201
Sheet:	8 of 23



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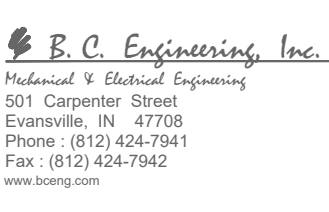
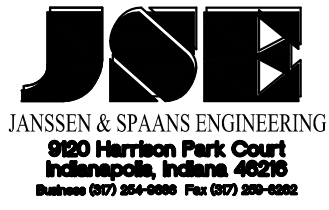
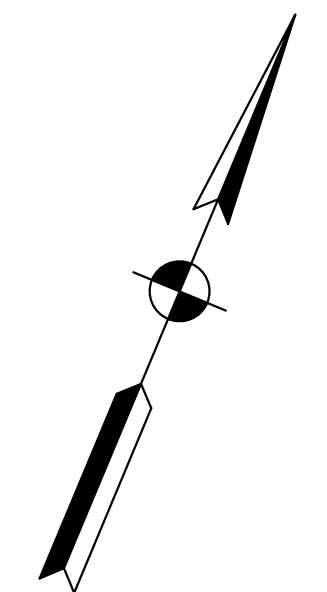
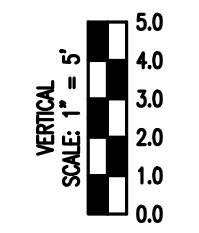
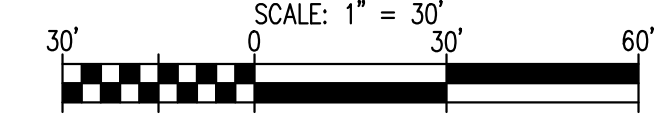
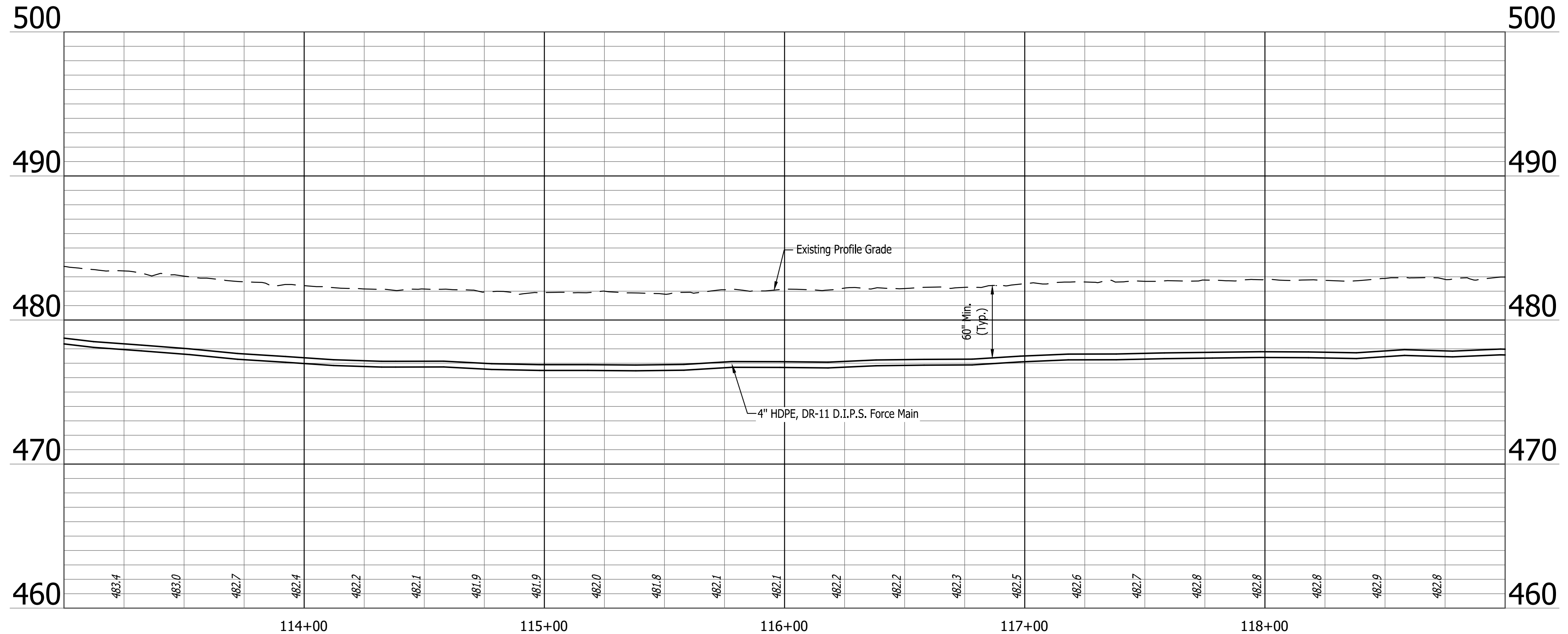
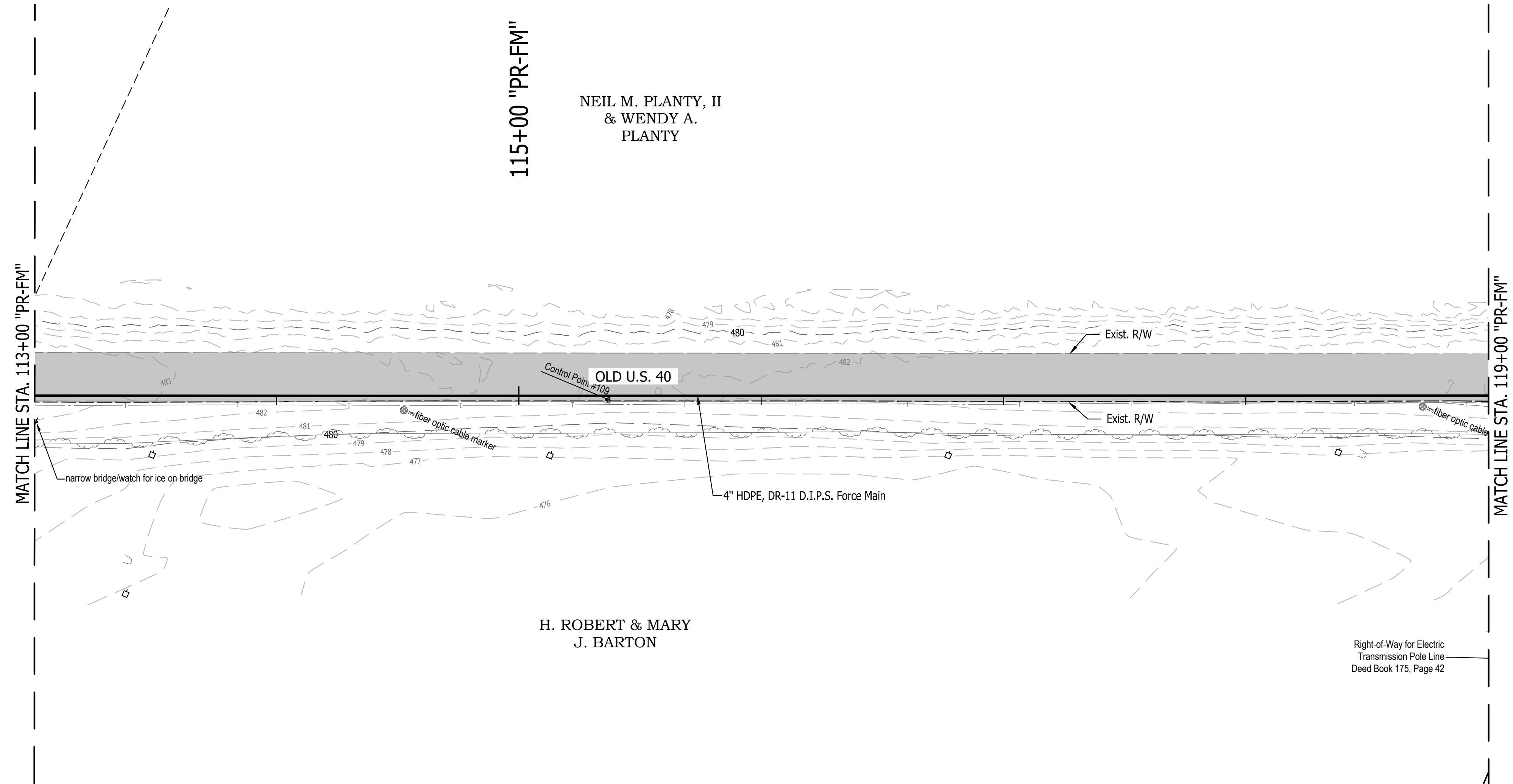
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 9407, INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Revisions:	
Project Number:	84003001-22-058-C1
Requestion Number:	
Account Number:	
Designer:	BAB
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Client Approval:	
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Building Reference:	
Drawing Number:	C202
Sheet:	9 of 23

Last Saved By: emergency Printed: 2/21/23
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PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 9407, INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

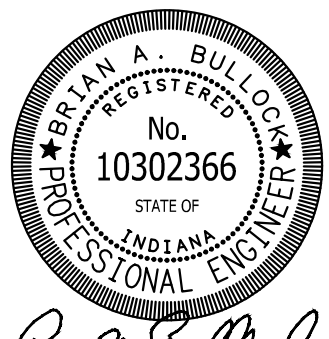
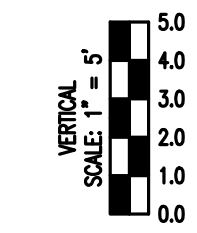
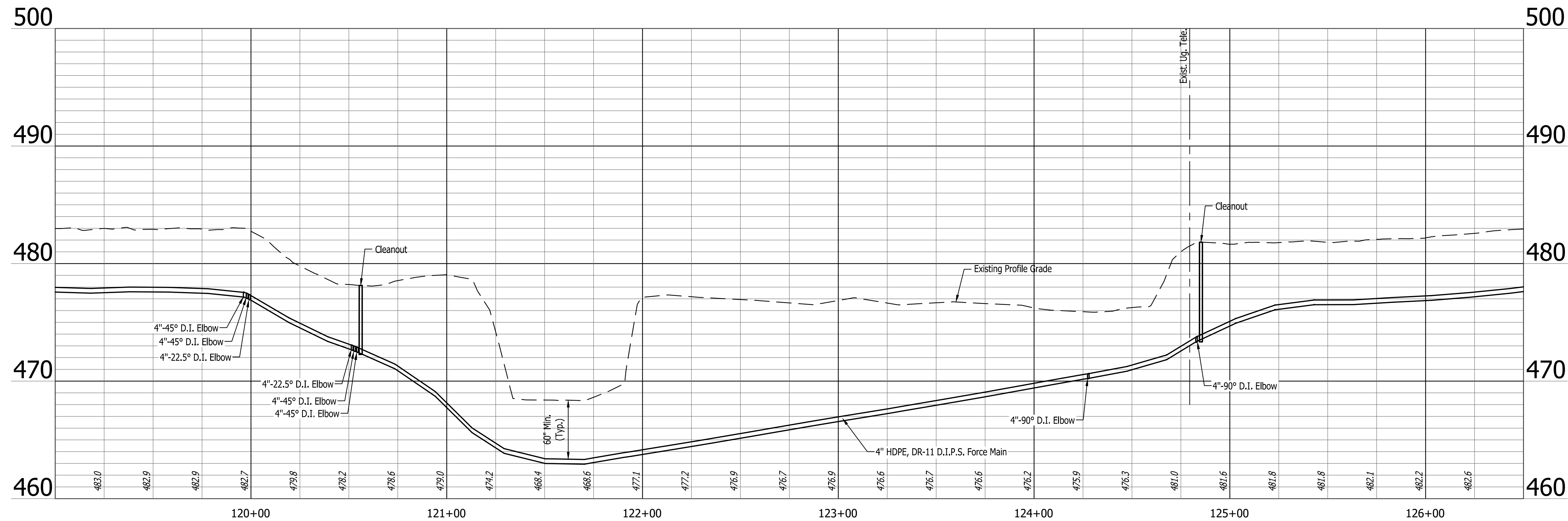
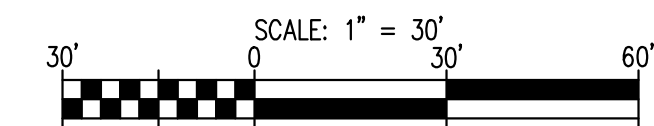
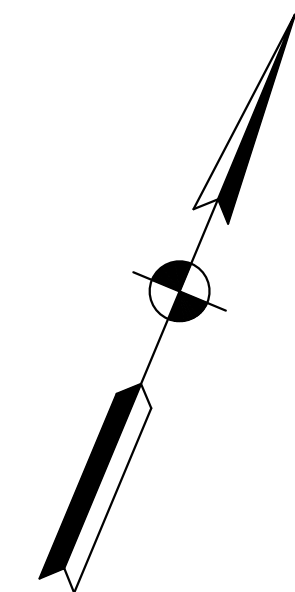
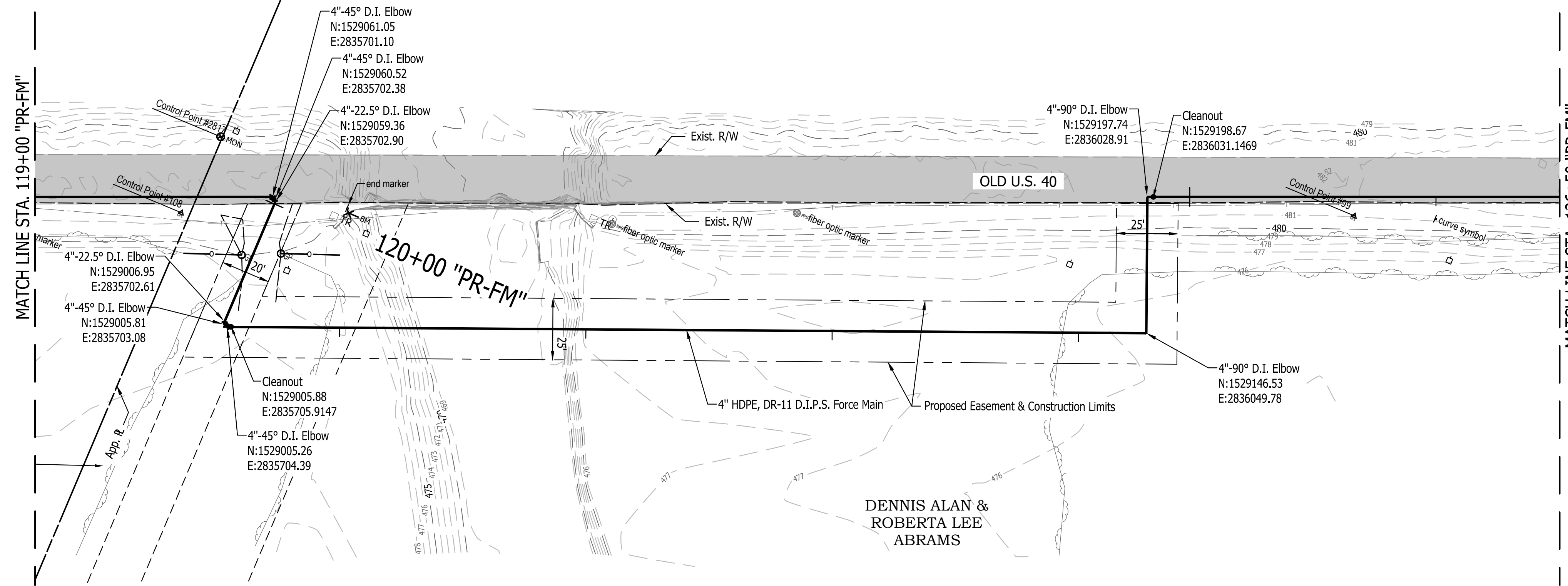
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Client Approval:	
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Drawing Number:	C203
Sheet:	10 of 23

NEIL M. PLANTY, II
& WENDY A.
PLANTY

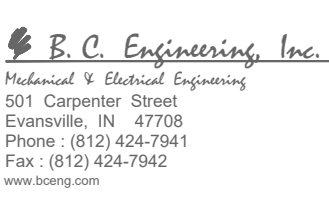
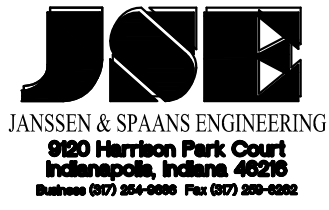
125+00 "PR-FM"

MATCH LINE STA. 119+00 "PR-FM"

MATCH LINE STA. 126+50 "PR-FM"



Brian A. Bullock
Certified by: BRIAN A. BULLOCK 02/21/23



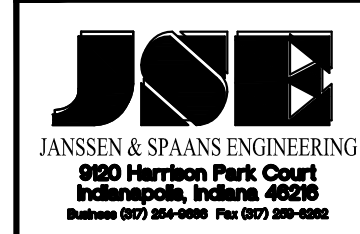
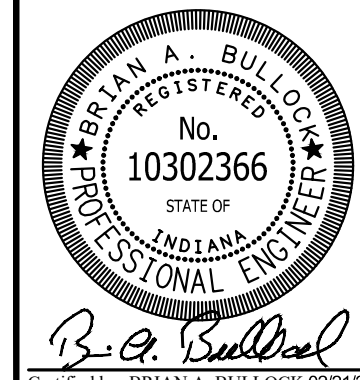
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
CLEAR CREEK WELCOME CENTER
VIGO COUNTY, INDIANA



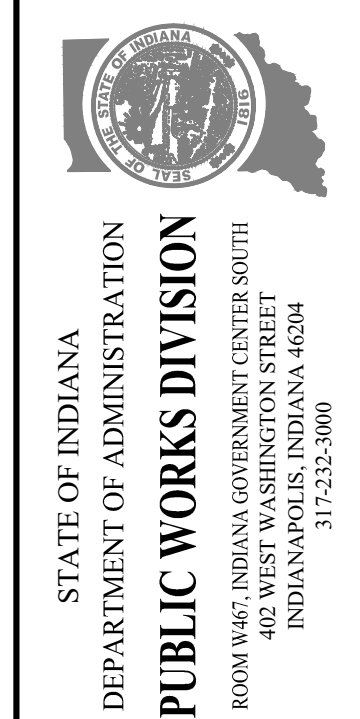
STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 9407, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:	
Project Number:	84003001-22-058-C1
Requisition Number:	
Account Number:	
Designer:	BAB
Drawing Date:	02/21/23
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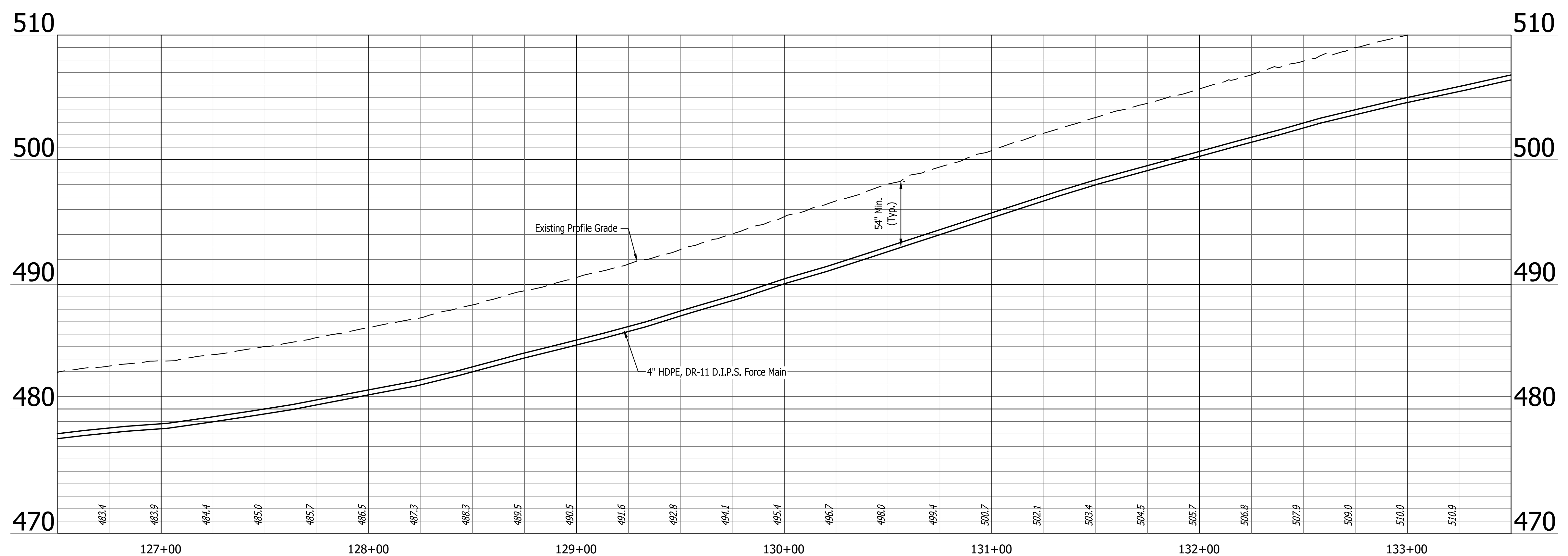
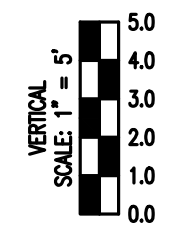
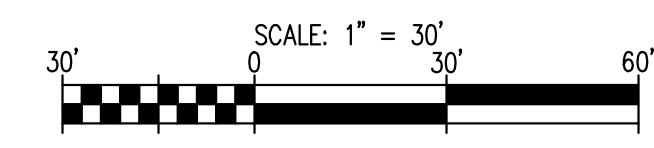
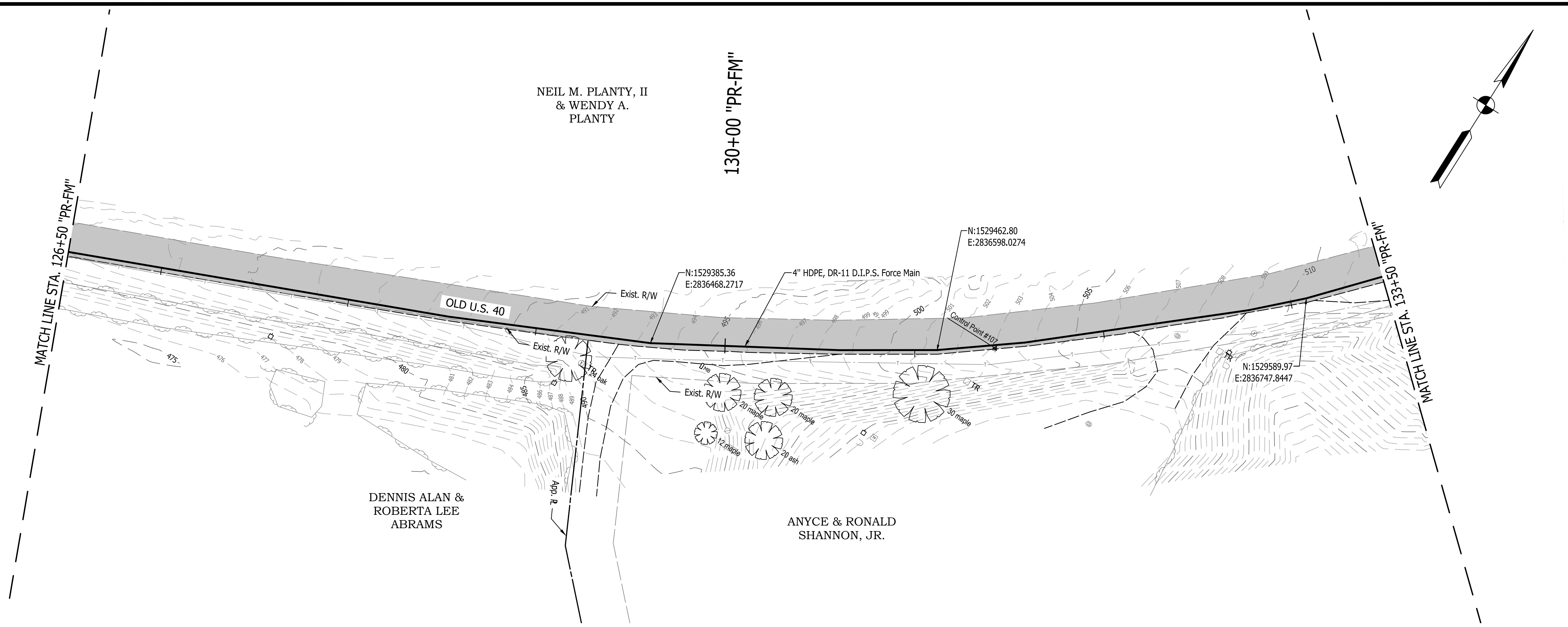
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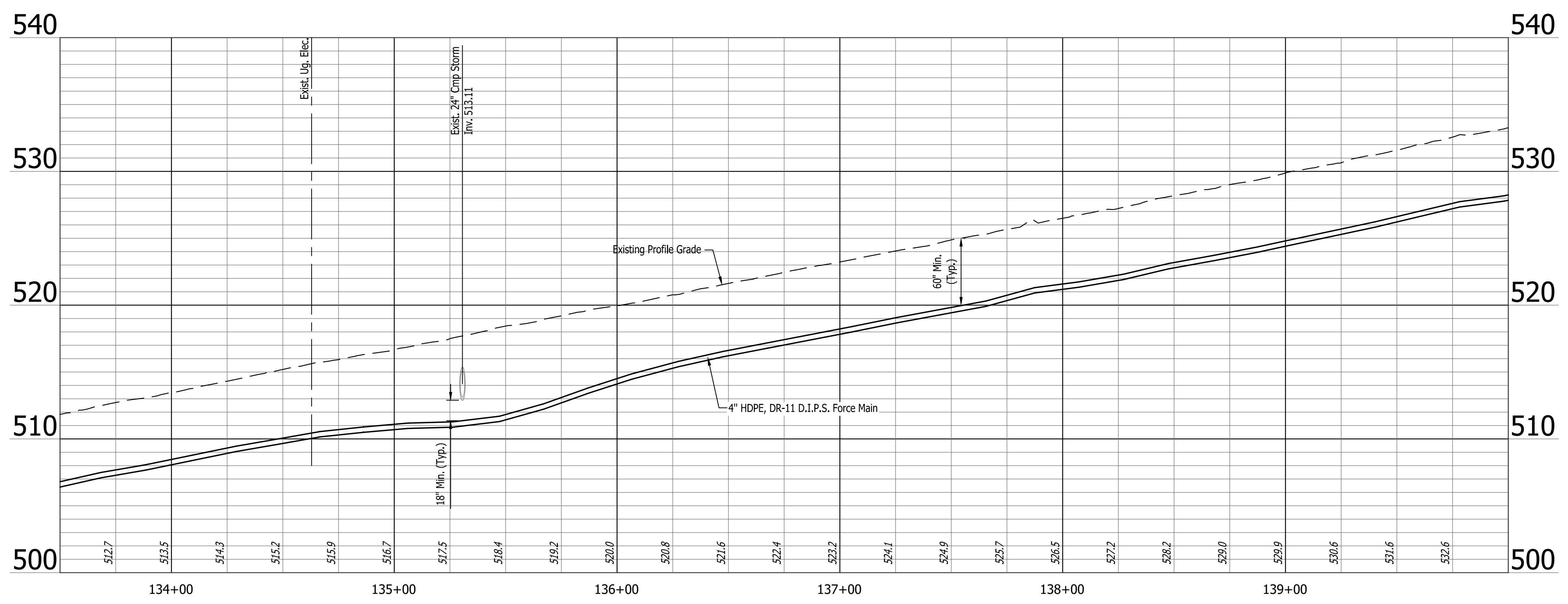
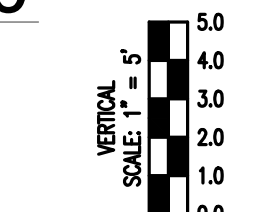
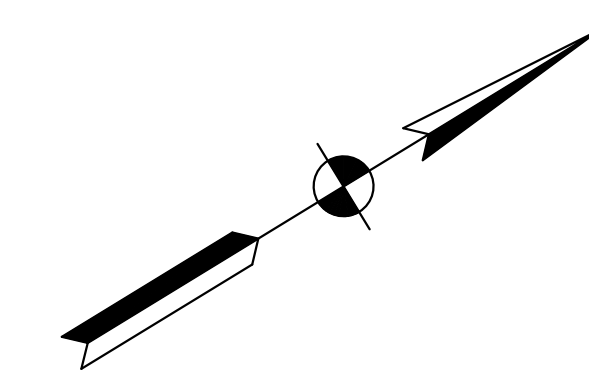
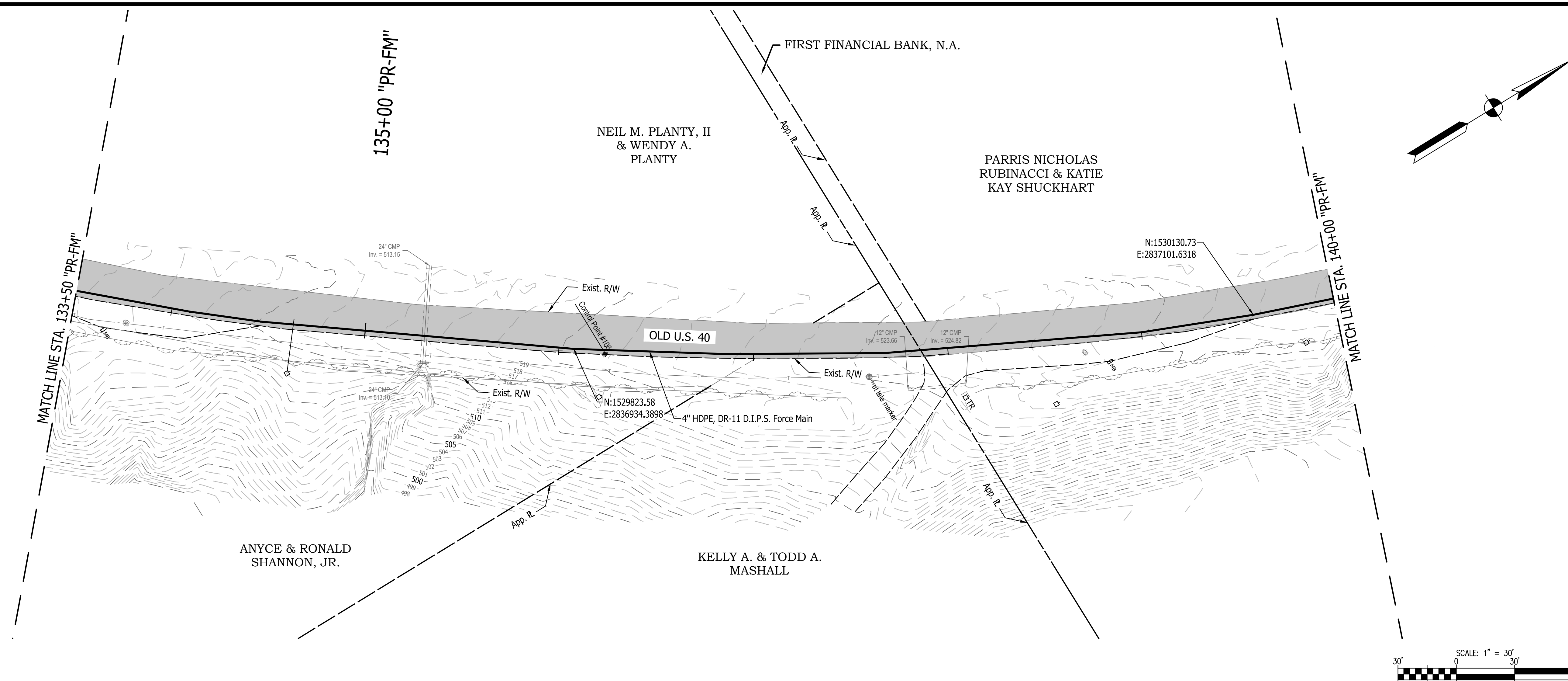
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



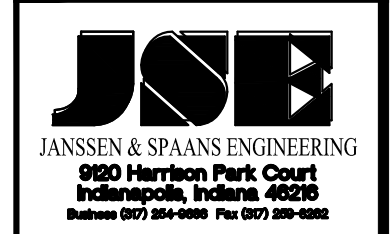
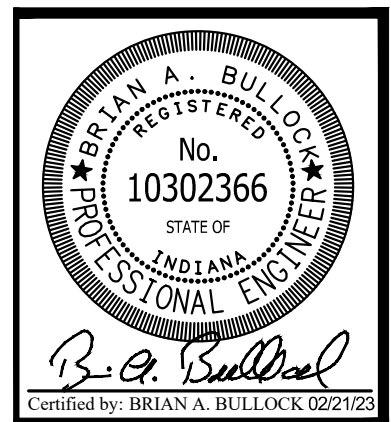
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Account Number:	
Designer:	BAB
Drawing Date:	02/21/23
Drafter:	OMV
Drawing Scale:	1"=30'
DAPW Approval:	
Client Approval:	
Reference Number:	220005
Building Reference:	
Drawing Number:	C205
Sheet:	12 of 23



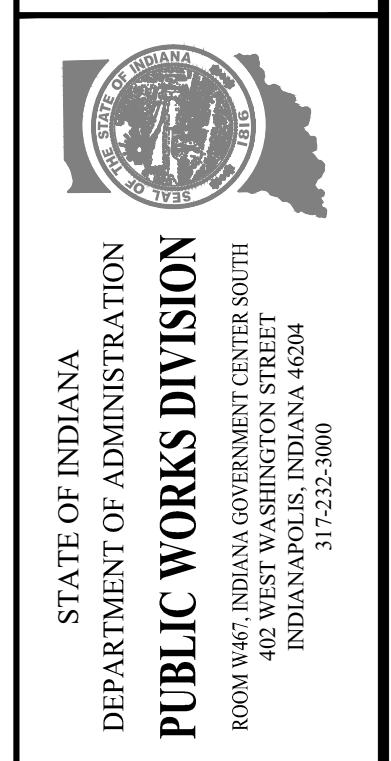
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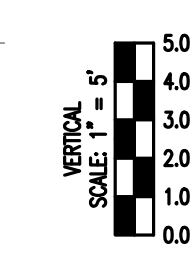
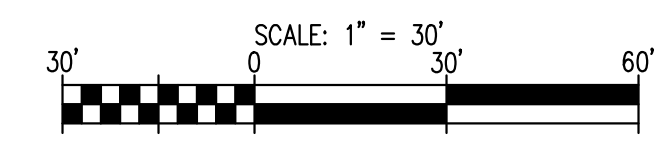
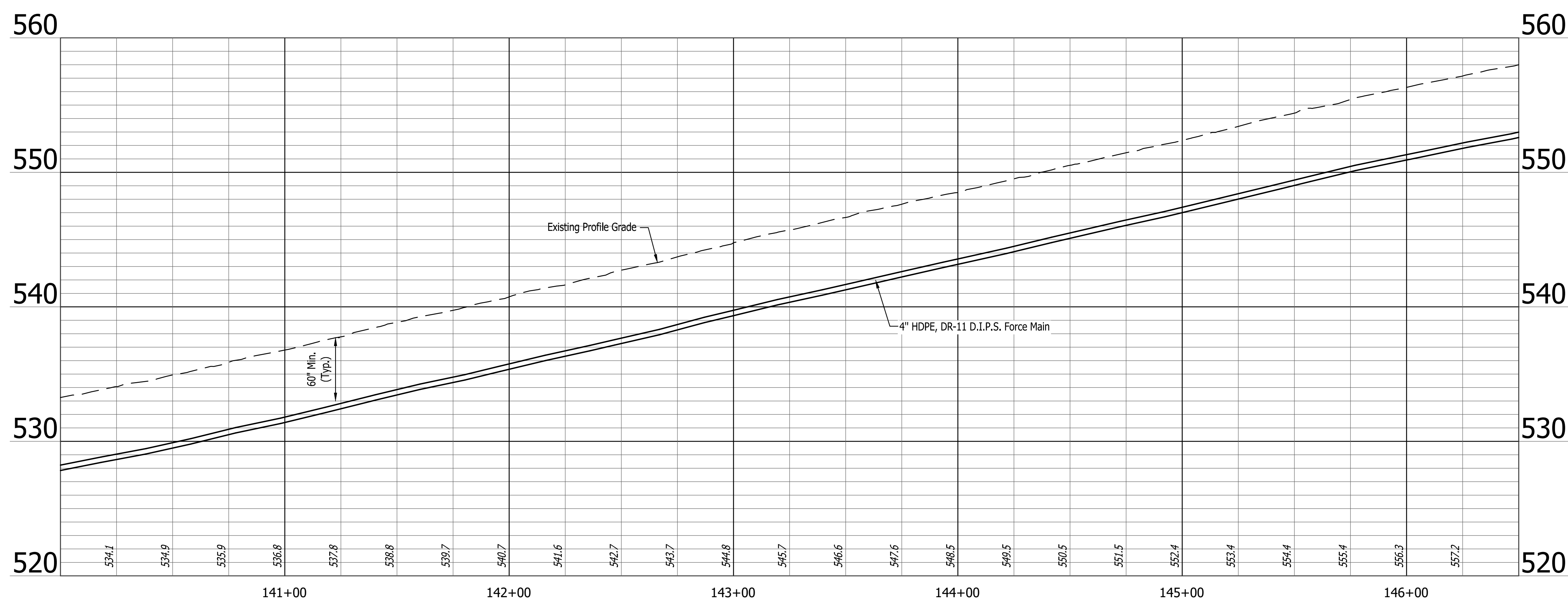
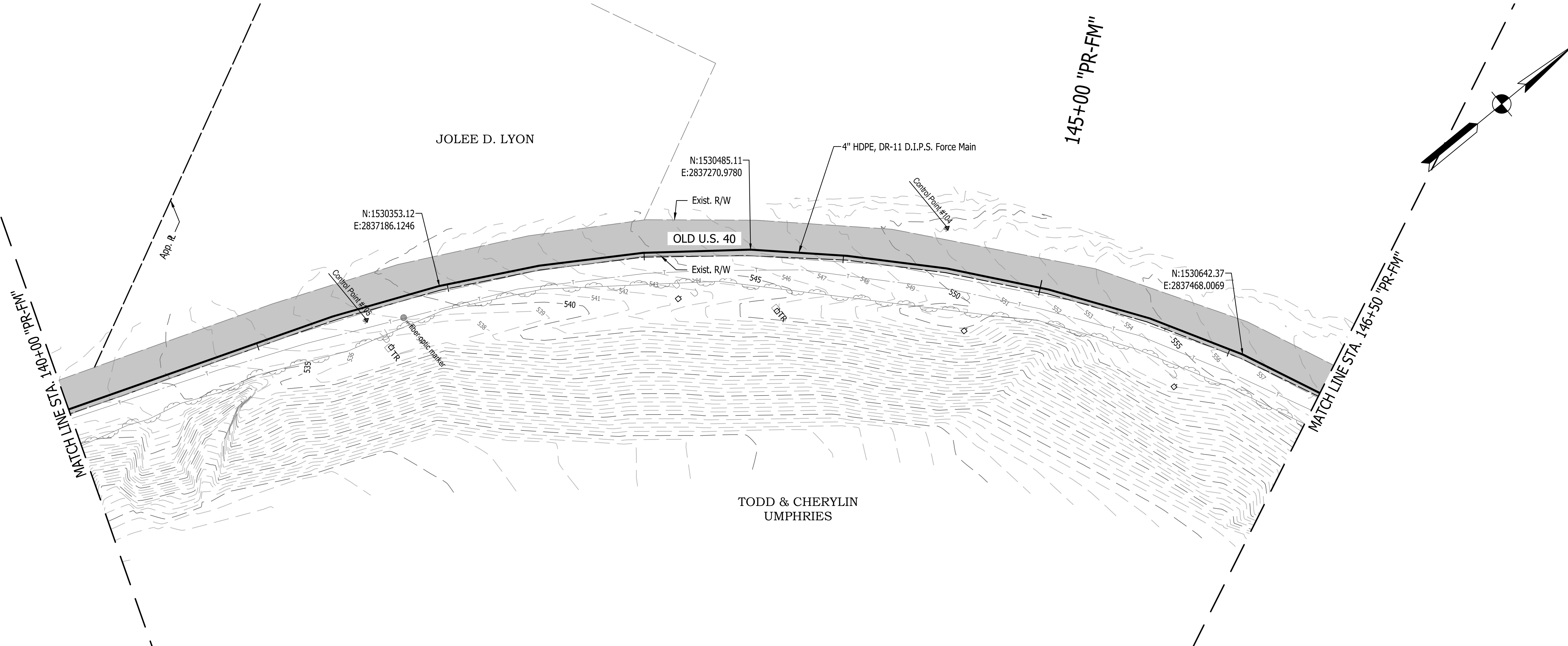
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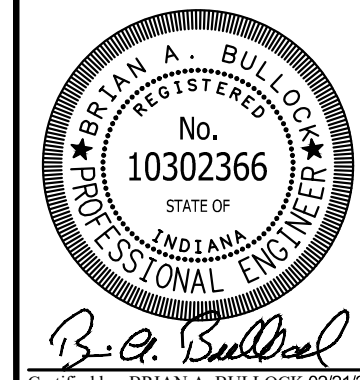
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



Revisions:	
Project Number:	84003001-22-058-C1
Requisition Number:	
Account Number:	
Designer:	BAB
Drawing Date:	02/21/23
Drafter:	OMV
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Client Approval:	
Reference Number:	220005
Building Reference:	
Drawing Number:	C206
Sheet:	13 of 23



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B.A. Bullock
 Certified by: BRIAN A. BULLOCK 02/21/23

JSE
 JANSSEN & SPAANS ENGINEERING
 950 Harrison Park Court
 Indianapolis, Indiana 46202

Fosse & Associates
 Architects, Inc.
 201 W. Park St. Suite 200 - Evansville, IN 47708
 Phone: (812) 424-7942
 Fax: (812) 424-7942
 www.fosse.com

BLN
 BEAM-LONGEST-NEFF

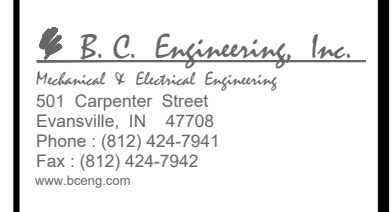
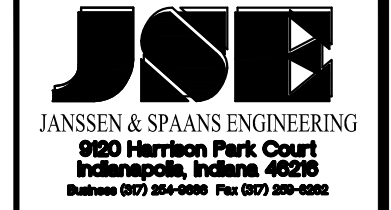
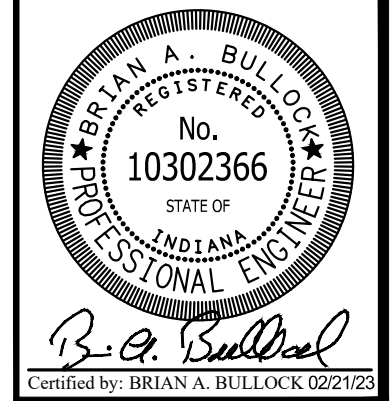
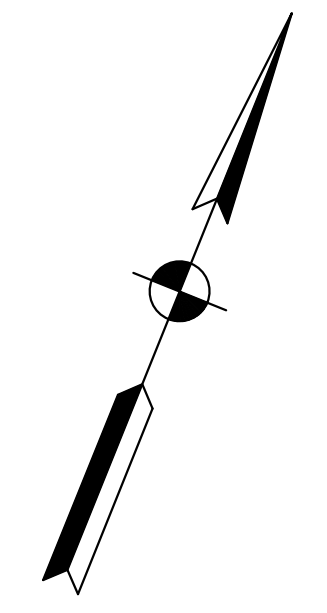
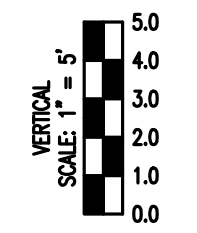
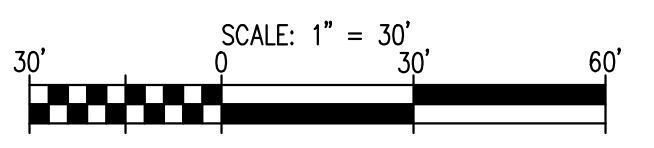
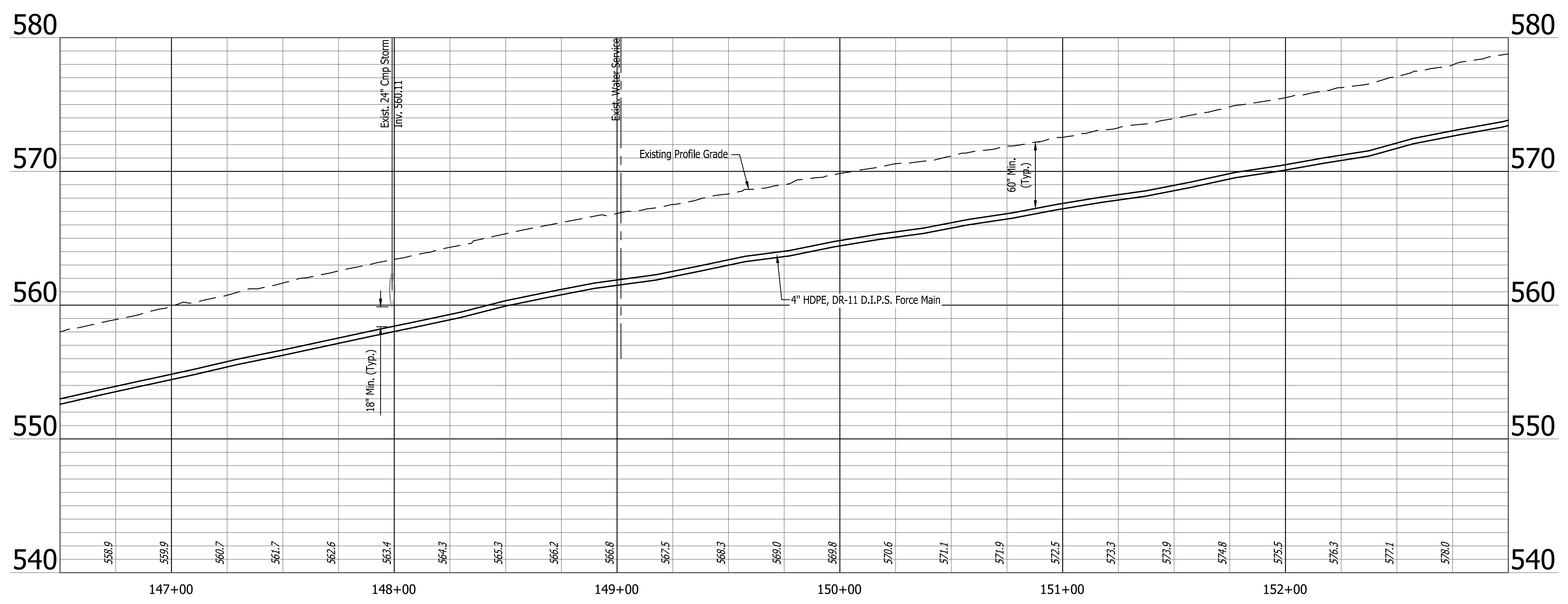
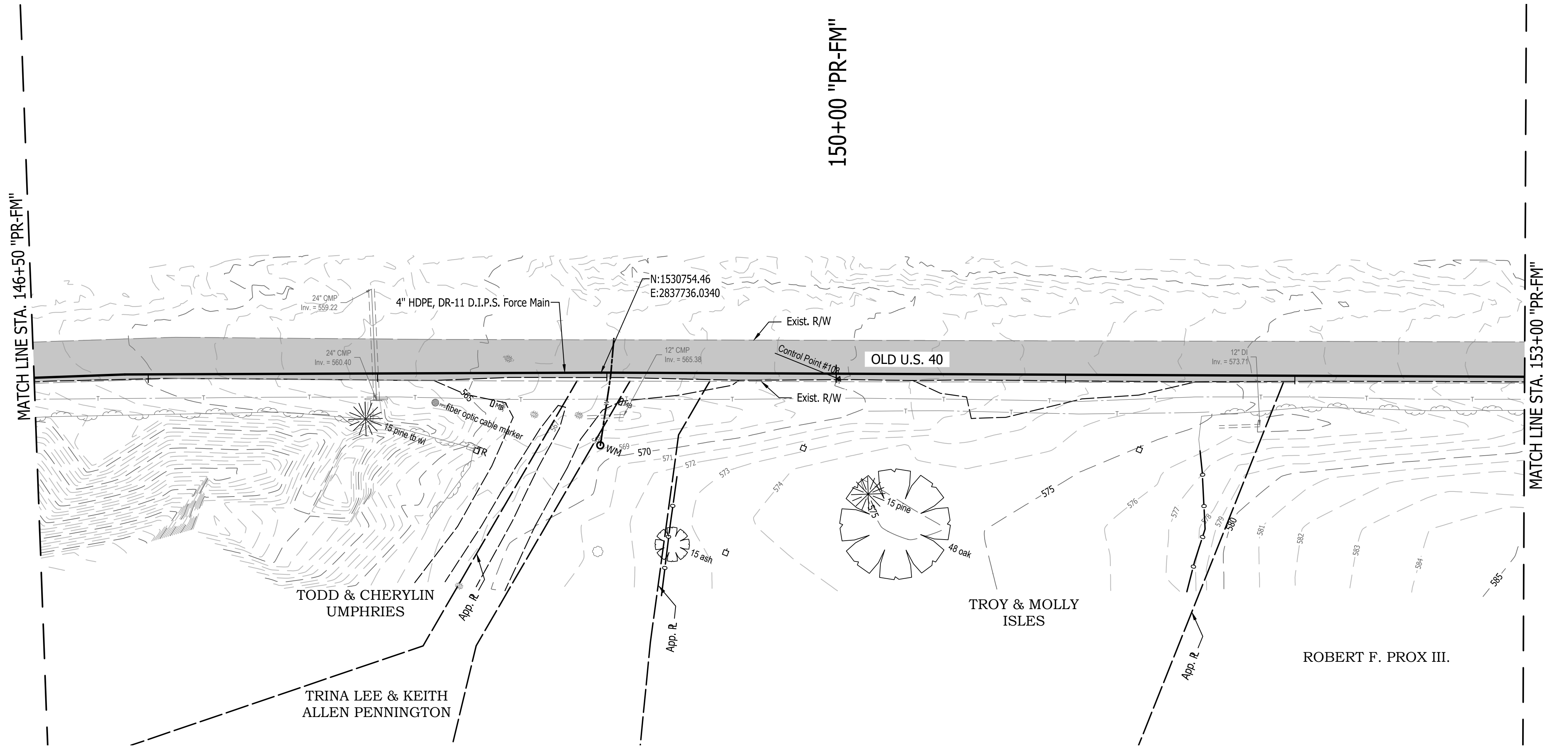
PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 9407, INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 317-232-3000

Revisions:	
Project Number:	84003001-22-058-C1
Requestion Number:	
Account Number:	
Designer:	BAB
Drawing Date:	02/21/23
Drafter:	OMV
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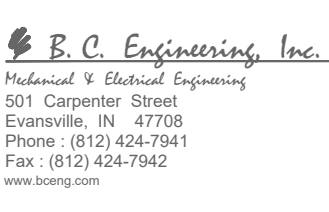
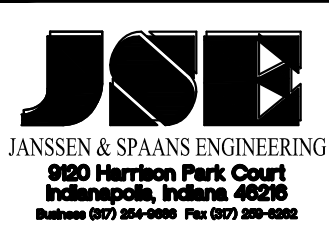
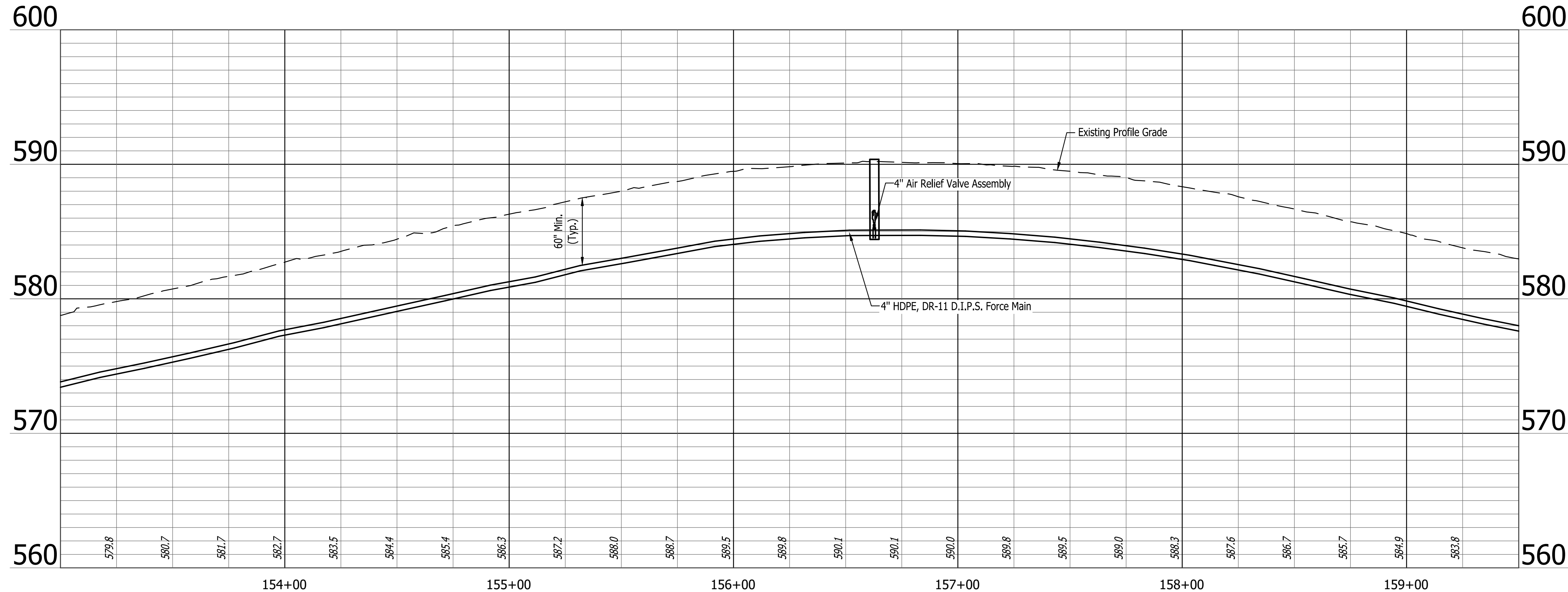
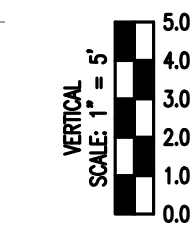
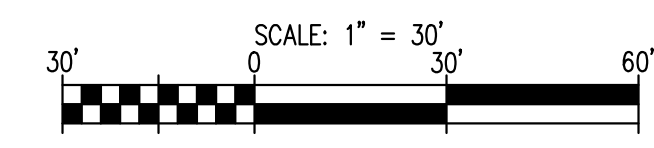
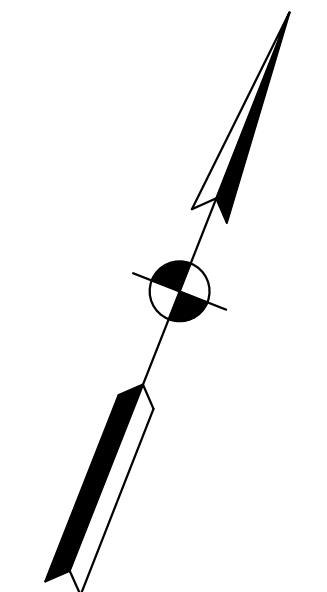
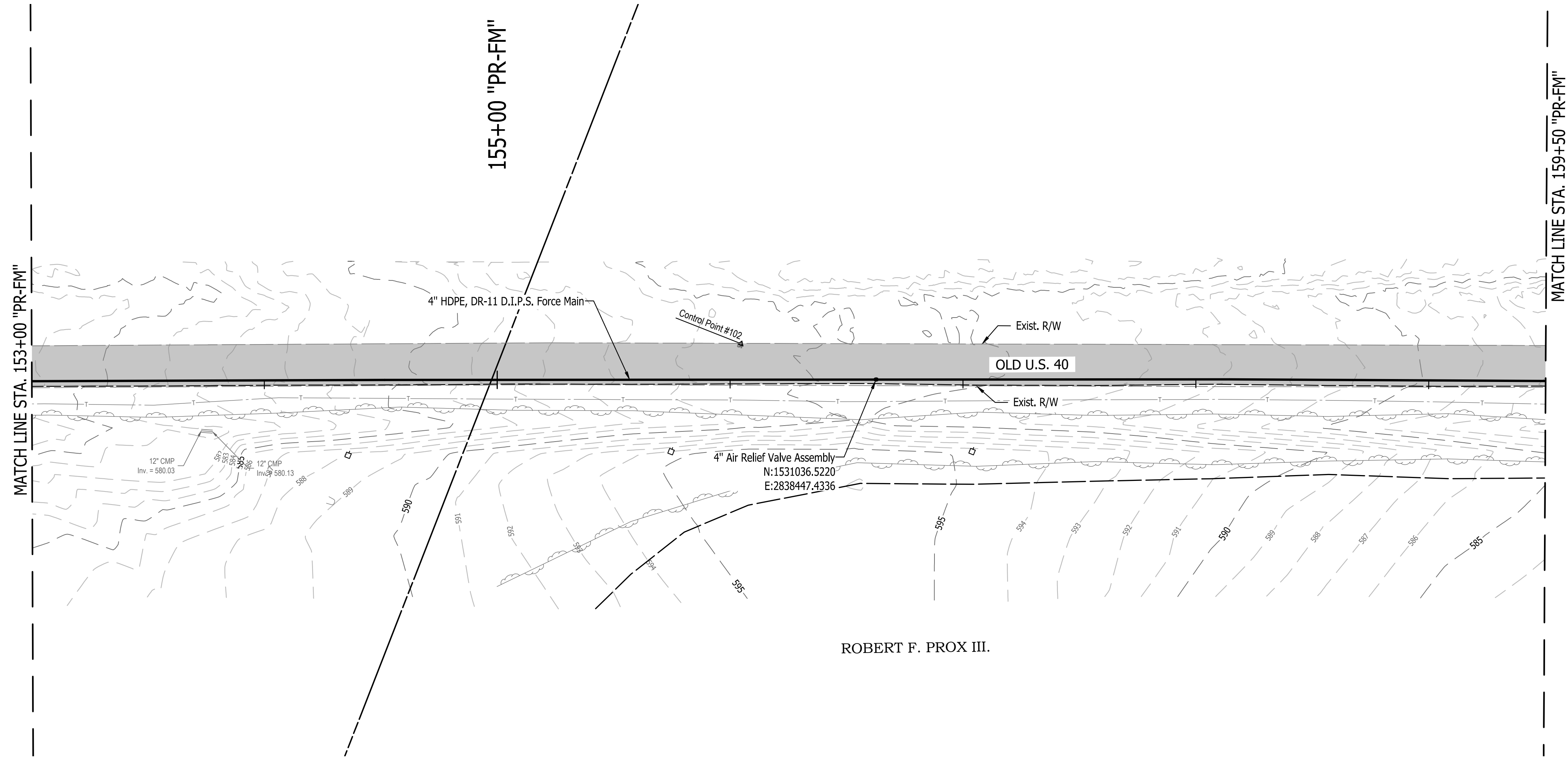


PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
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 VIGO COUNTY, INDIANA

STATE OF INDIANA
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Revisions:	
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Requisition Number:	
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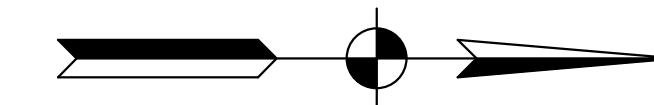
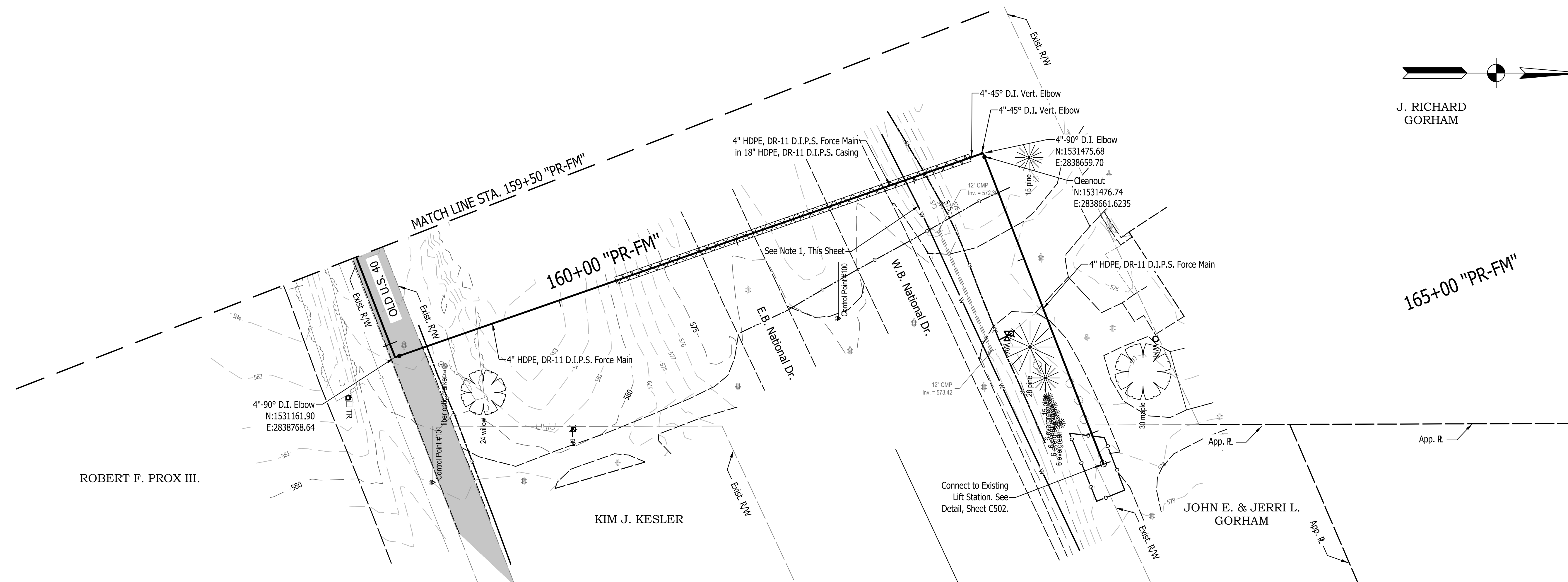


PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



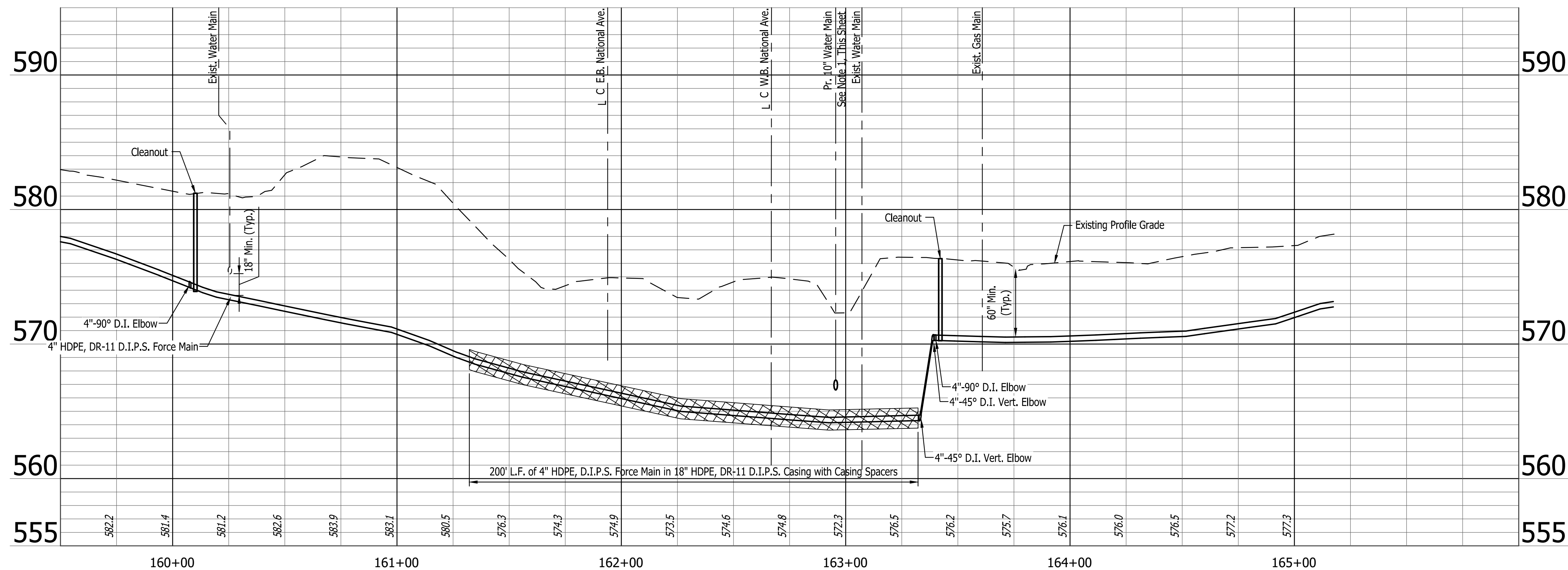
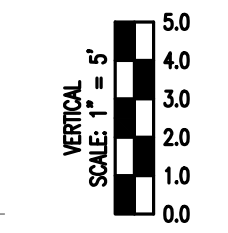
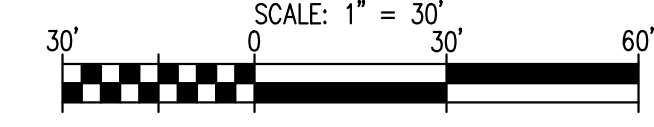
STATE OF INDIANA
 DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
 ROOM 9407, INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
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Revisions:	
Project Number:	84003001-22-058-C1
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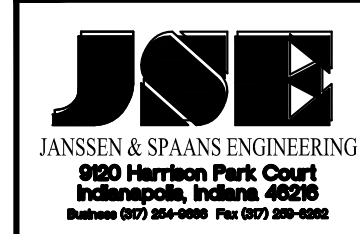
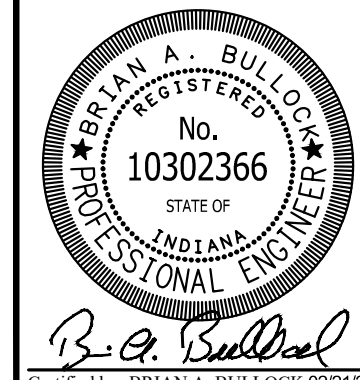


J. RICHARD GORHAM

NOTE:
 1. Proposed location of a new 10" water main per design plans prepared by Commonwealth Engineers. Contractor shall field verify whether the new water main has been installed at the time of the installation of the new force main and coordinate with the Town of West Terre Haute.



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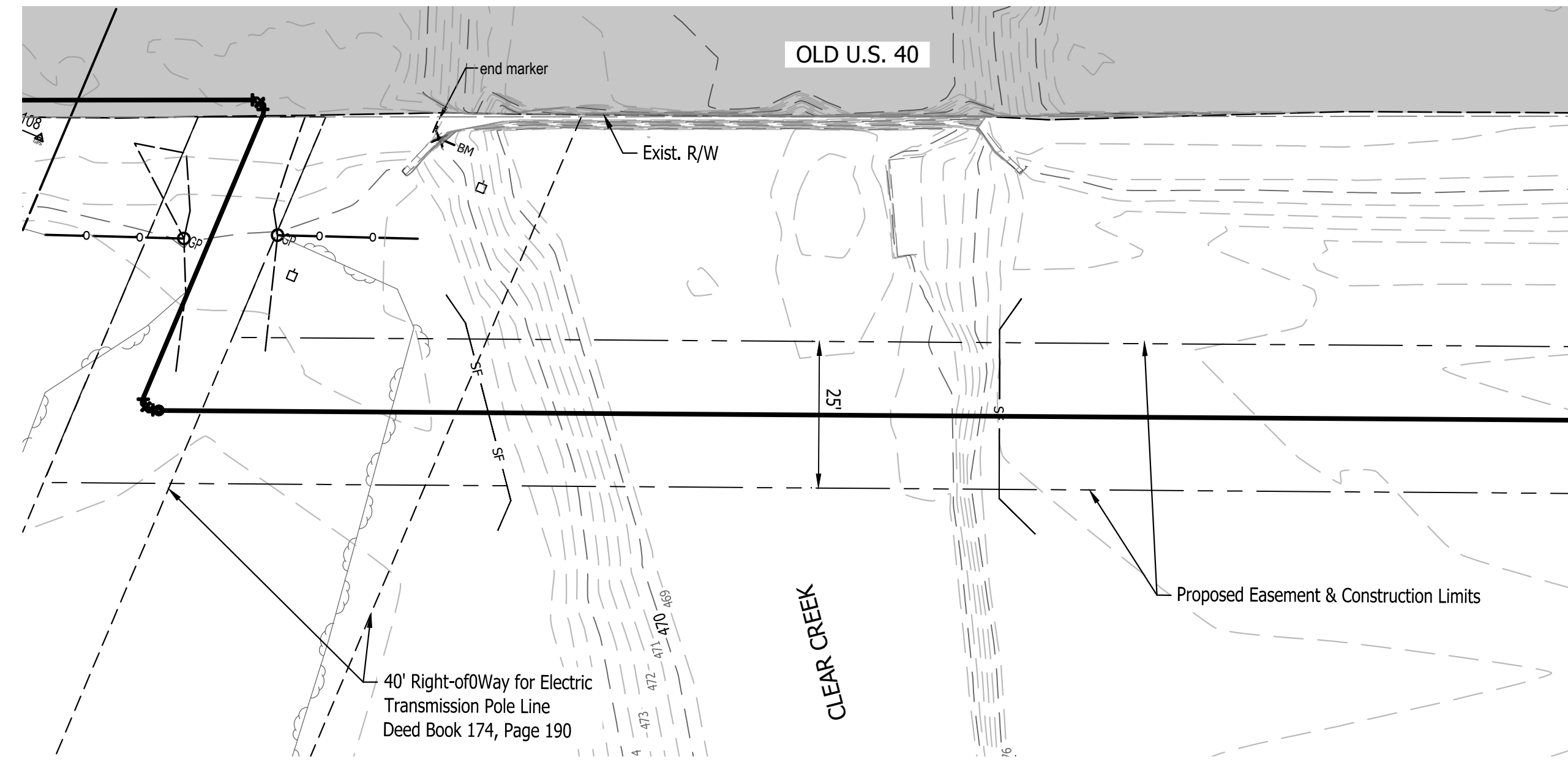


PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA

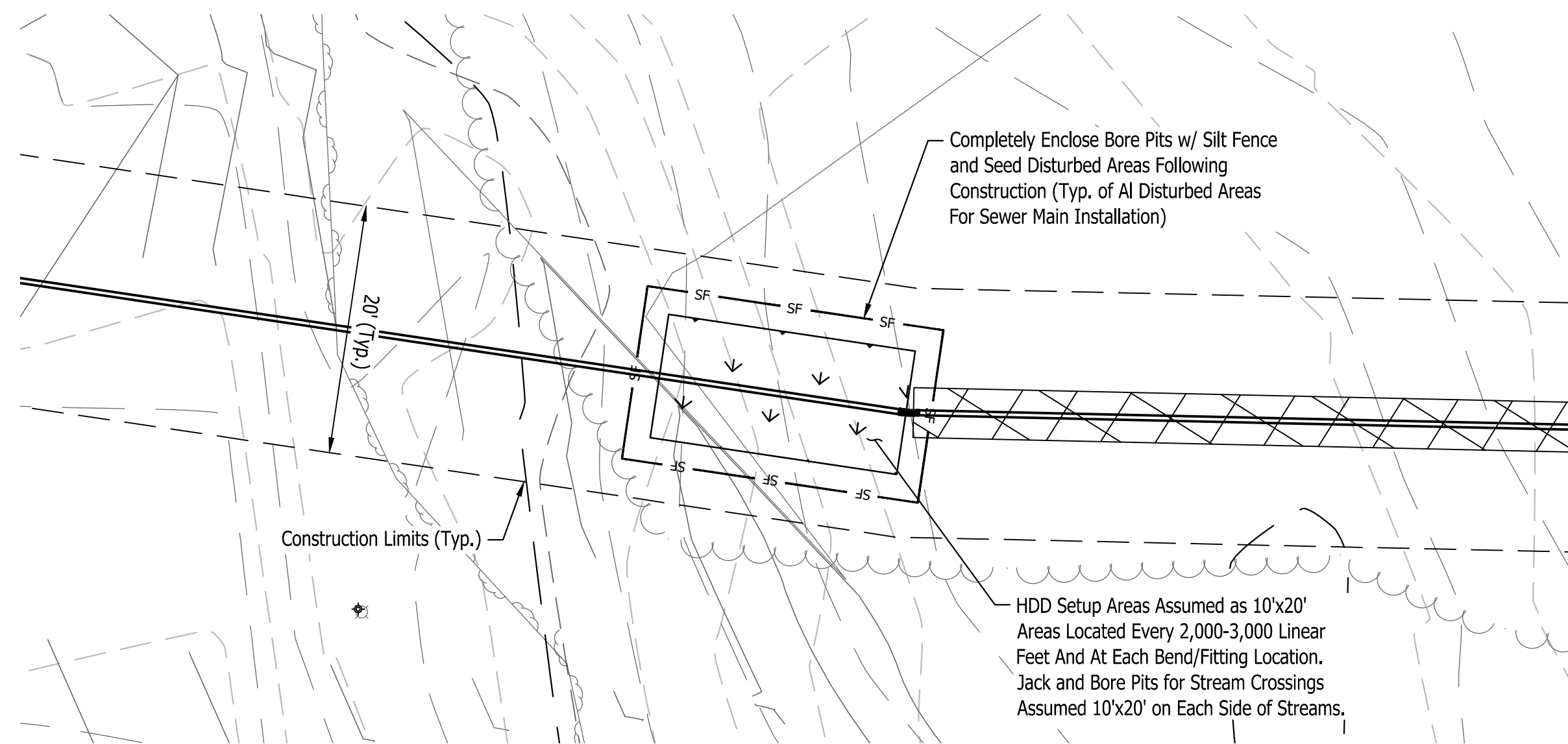
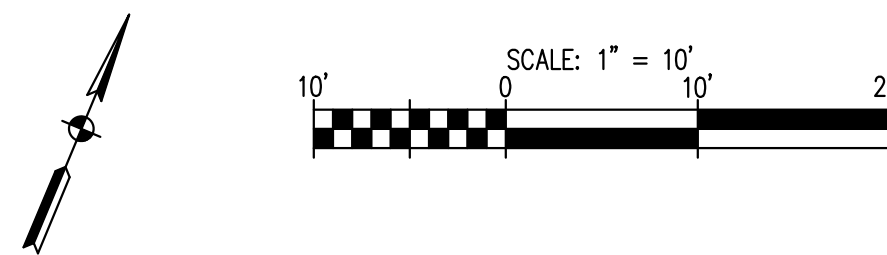


STATE OF INDIANA
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Drawing Scale:	1"=30'
DAPW Approval:	
Client Approval:	
Reference Number:	220005
Building Reference:	
Drawing Number:	C210
Sheet:	17 of 23



TEMPORARY AND PERMANENT EROSION CONTROL PROTECTION FOR FORCE MAIN CROSSING AT CLEAR CREEK



TYPICAL PLAN VIEW TEMPORARY AND PERMANENT EROSION CONTROL PROTECTION FOR TRENCHLESS INSTALLATION OF FORCE MAIN

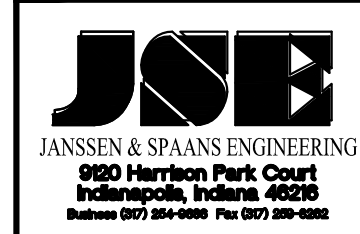
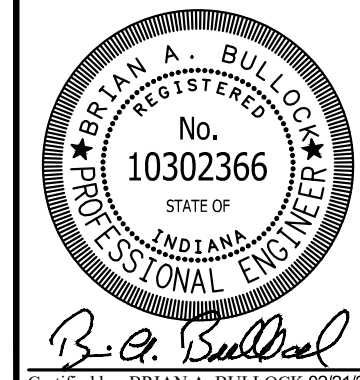


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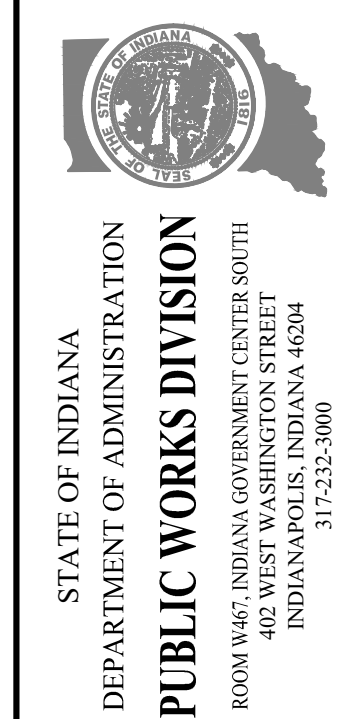
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(PS)		- PERMANENT SEEDING
		- TEMPORARY SEEDING
(CE)		- CONSTRUCTION ENTRANCE
(CW)		- CONCRETE WASHOUT AREA - NOT USED FOR UTILITY WORK
		- SF - SILT FENCE (UNPAVED AREAS) OR SILT SOCK (PAVED AREAS)

EROSION CONTROL NOTES:

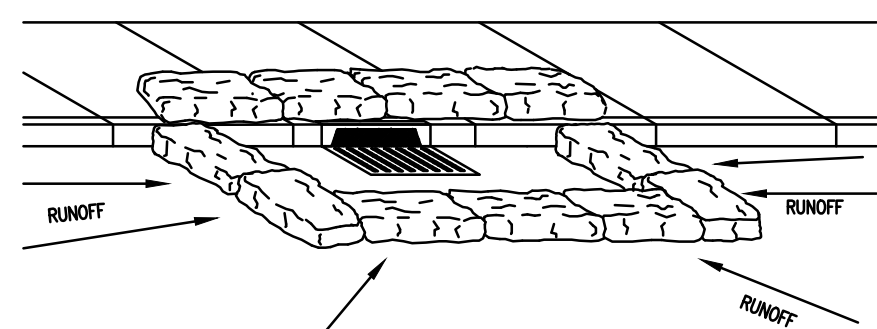
1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE FIELD INSPECTOR.
2. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS IN THE STREET.
3. GRAVEL BAGS, SILT SOCKS, OR DANDY BAGS CAN BE USED FOR STORM INLET PROTECTION WHERE NECESSARY (SEE DETAILS).
4. CONSTRUCTION ENTRANCES FOR THE NORTHBOUND AND SOUTHBOUND REST AREAS SHALL BE THE EXISTING PAVEMENT. WHERE EXISTING PAVEMENT IS USED FOR CONSTRUCTION ENTRANCES, ENSURE STREET SWEEPING IS PERFORMED DAILY OR MORE FREQUENTLY TO MAINTAIN ROADWAYS CLEAR OF DIRT, DUST, CHEMICALS, AND DEBRIS.
5. NO WETLANDS ARE EXPECTED TO BE DIRECTLY IMPACTED BY CONSTRUCTION ACTIVITIES. HOWEVER, IF WETLANDS OR APPARENT WETLANDS MUST BE TRAVERSED IN ORDER TO OBTAIN SITE ACCESS, TIMBER MATS DESIGNED TO REDUCE WETLAND IMPACTS SHALL BE USED FOR SUCH CROSSINGS.
6. TOTAL AREA WITHIN PROJECT LIMITS: 1,108,546 SF = 25.5 AC
7. TOTAL DISTURBED AREAS:
 - 7.1. REST AREA SITE: 4,615 SF = 0.11 AC
 - 7.2. SEWER FORCE MAIN HDD PITS: 3,915 SF = 0.09 AC
 - 7.3. TOTAL DISTURBED AREA: 8,530 SF = 0.20 AC



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
 CLEAR CREEK WELCOME CENTER
 VIGO COUNTY, INDIANA



Revisions:	
Project Number:	84003001-22-058-C1
Account Number:	
Designer:	BAB
Drawing Date:	02/21/23
Drafter:	OMV
Drawing Scale:	NA
DAPW Approval:	
Client Approval:	
Reference Number:	220005
Building Reference:	
Drawing Number:	C400
Sheet:	18 of 23



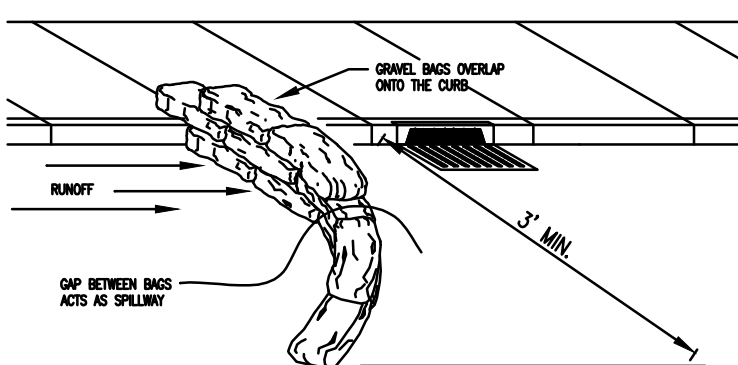
- INSTALLATION:**
1. GRAVEL BAGS ARE HALF FULL WITH ROCK LARGER THAN THE INLET GRATE AND PACKED CLOSE TOGETHER TO ELIMINATE GAPS.
 2. LAY BAGS TIGHTLY END TO END.
 3. OVERLAP THE UPPER LAYER OF BAGS OVER THE LOWER LAYER. LEAVE A 1 BAG GAP IN THE MIDDLE OF THE TOP ROW TO SERVE AS A SPILLWAY.

- MAINTENANCE:**
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
 2. IF BAG DETERIORATES OR IS DAMAGED, REBAG OLD BAG WITH CONTENTS INTO A NEW BAG.
 3. REPAIR OR REPLACE BAG IF DAMAGED BY VEHICULAR TRAFFIC.
 4. REMOVE SEDIMENT BUILDUP WHEN IT REACHES 1/2 OF THE BARRIER HEIGHT. DO NOT FLUSH SEDIMENT. DEPOSIT SEDIMENT WHERE IT WILL NOT ENTER THE STORM DRAINS.

FOR INLETS THAT ARE AT LOW POINTS

GRAVEL BAG CURB INLET PROTECTION

NOT TO SCALE - PRACTICE 3.66 (B)



- INSTALLATION:**
1. GRAVEL BAGS ARE HALF FULL WITH ROCK LARGER THAN THE INLET GRATE AND PACKED CLOSE TOGETHER TO ELIMINATE GAPS.
 2. LAY BAGS TIGHTLY END TO END.
 3. OVERLAP THE UPPER LAYER OF BAGS OVER THE LOWER LAYER. LEAVE A 1 BAG GAP IN THE MIDDLE OF THE TOP ROW TO SERVE AS A SPILLWAY.

- MAINTENANCE:**
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
 2. IF BAG DETERIORATES OR IS DAMAGED, REBAG OLD BAG WITH CONTENTS INTO A NEW BAG.
 3. REPAIR OR REPLACE BAG IF DAMAGED BY VEHICULAR TRAFFIC.
 4. REMOVE SEDIMENT BUILDUP WHEN IT REACHES 1/2 OF THE BARRIER HEIGHT. DO NOT FLUSH SEDIMENT. DEPOSIT SEDIMENT WHERE IT WILL NOT ENTER THE STORM DRAINS.

GRAVEL BAG CURB INLET PROTECTION

NOT TO SCALE - PRACTICE 3.64

SEASONAL SOIL PROTECTION CHART:

STABILIZATION PRACTICE	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
PERMANENT SEEDING	A											
DORMANT SEEDING	B											
TEMPORARY SEEDING	C											
SOODING	F**											
MULCHING	G											

A = KENTUCKY BLUEGRASS 40 LBS/ACRE, CREEPING RED FESCUE 40 LBS/ACRE, PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYEGRASS 20 LBS/ACRE.

B = KENTUCKY BLUEGRASS 60 LBS/ACRE, CREEPING RED FESCUE 60 LBS/ACRE, PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYEGRASS 30 LBS/ACRE.

C = SPRING OATS 3 BUSHEL/ACRE

D = WHEAT OR RYE 2 BUSHEL/ACRE

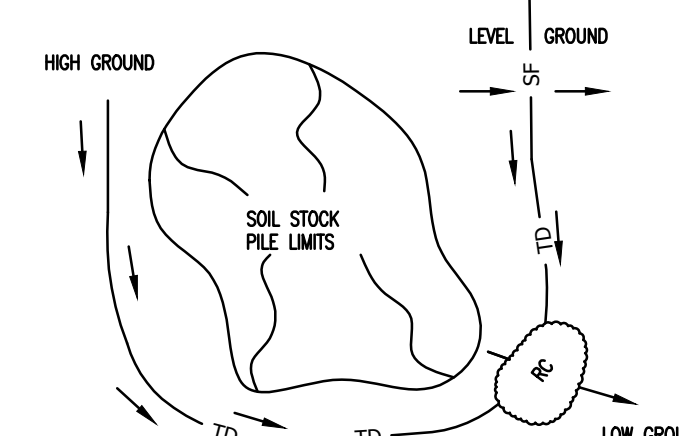
E = ANNUAL RYEGRASS 40 LBS/ACRE

F = SOD

G = STRAW MULCH 2 TONS/ACRE

** 1/4" IRRIGATION NEEDED DURING JUNE, JULY, AND/OR SEPTEMBER

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD



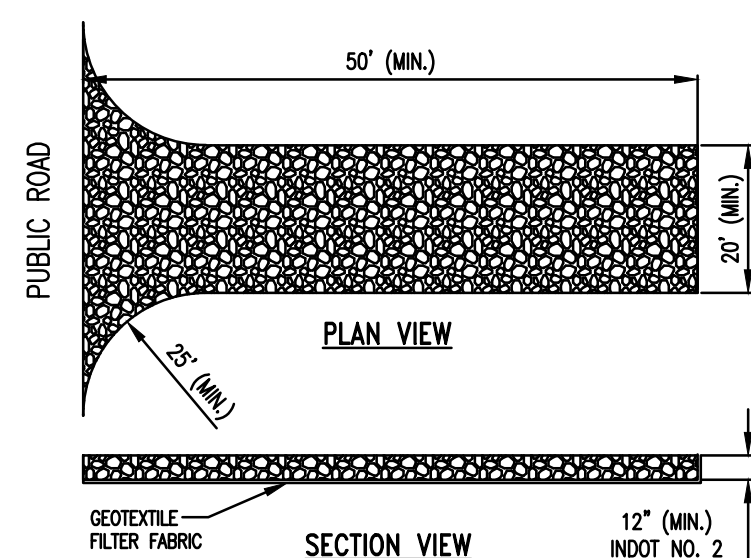
- LEGEND:**
- TD = TEMP DIVERSION
 - RC = ROCK FILTER/CHECK DAM
 - FLOW

GENERAL NOTES:

1. STOCK PILES SHALL BE LOCATED SUCH THAT EXISTING AND PROPOSED DRAINAGE PATHS ARE NOT IMPEDED.
2. WHENEVER POSSIBLE, EXCAVATED/STRIPPED SOILS SHOULD BE PLACED/GRADED TO THEIR FINAL LOCATION RATHER THAN STOCKPILED.
3. ANY STOCKPILE OR SECTION OF STOCKPILE THAT WILL NOT BE USED OR DISTURBED WITHIN 15 DAYS SHALL BE STABILIZED WITH AN ACCEPTABLE EROSION CONTROL MEASURE (FABRIC OR MULCH) AND SEEDED IMMEDIATELY.
4. THE MAXIMUM SLOPES ON ANY STOCKPILE SHALL BE 3 HORIZONTAL TO 1 VERTICAL.
5. ALL OTHER EROSION CONTROL PRACTICES SHALL BE INSTALLED ACCORDING TO THE APPROPRIATE DETAIL AND GUIDE LINES SHOWN AND IN ACCORDANCE WITH THE INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS FROM THE DIVISION OF SOIL CONSERVATION, INDIANA DEPARTMENT OF NATURAL RESOURCES.

TYPICAL SOIL STOCKPILE EROSION CONTROLS

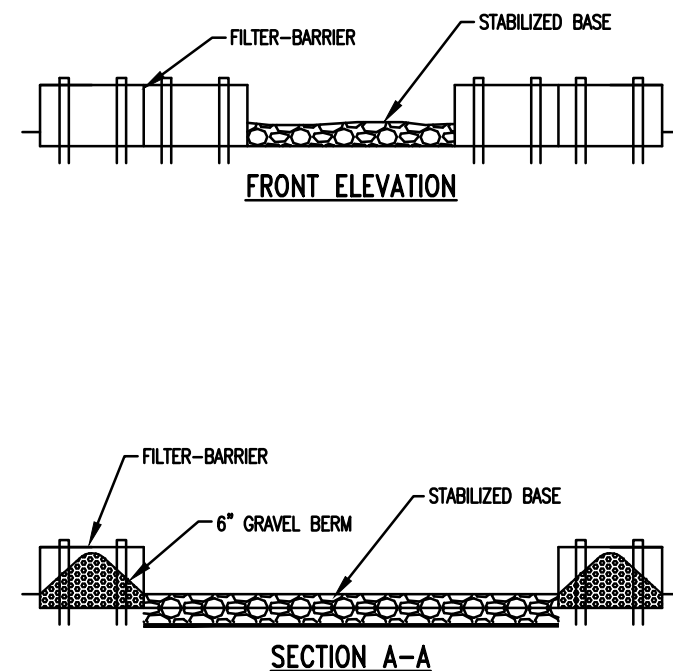
NOT TO SCALE



- MAINTENANCE:**
1. INSPECT WEEKLY, 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.)
 5. REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

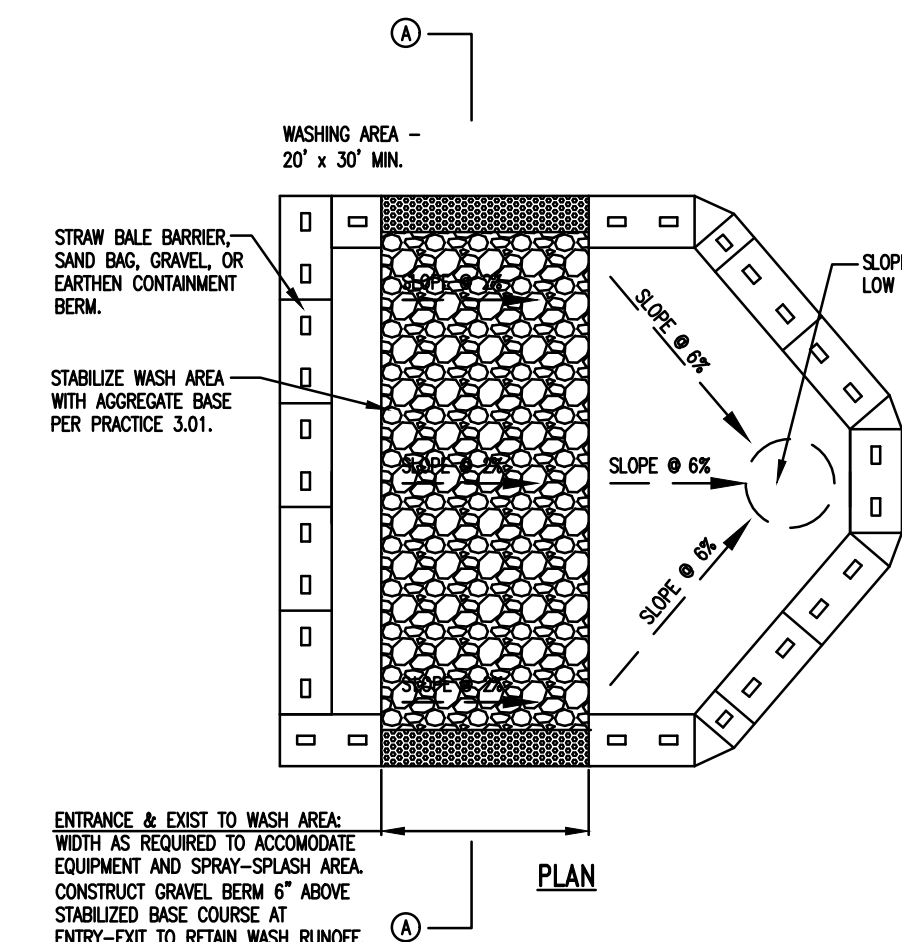
STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE - PRACTICE 3.0



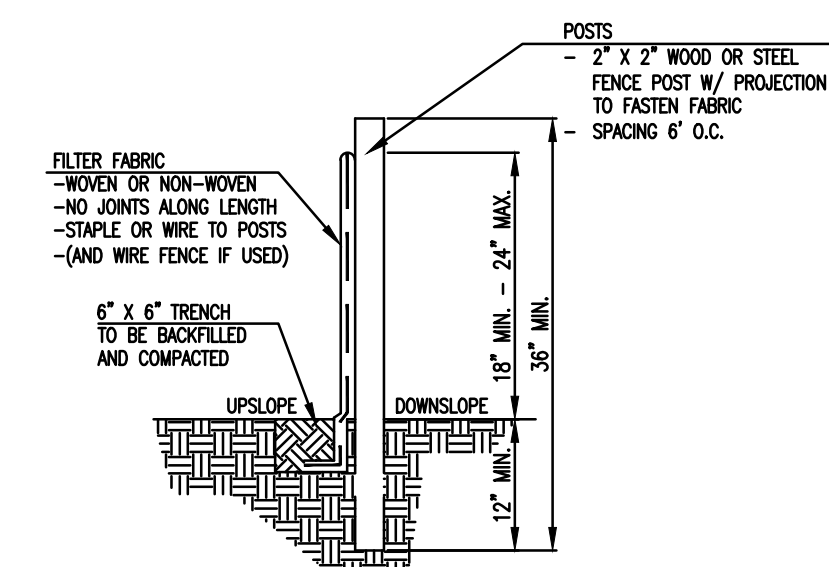
CONCRETE WASHOUT AREA

NOT TO SCALE - PRACTICE 3.01-B



CONCRETE WASHOUT AREA

NOT TO SCALE - PRACTICE 3.01-B



INSTALLATION:

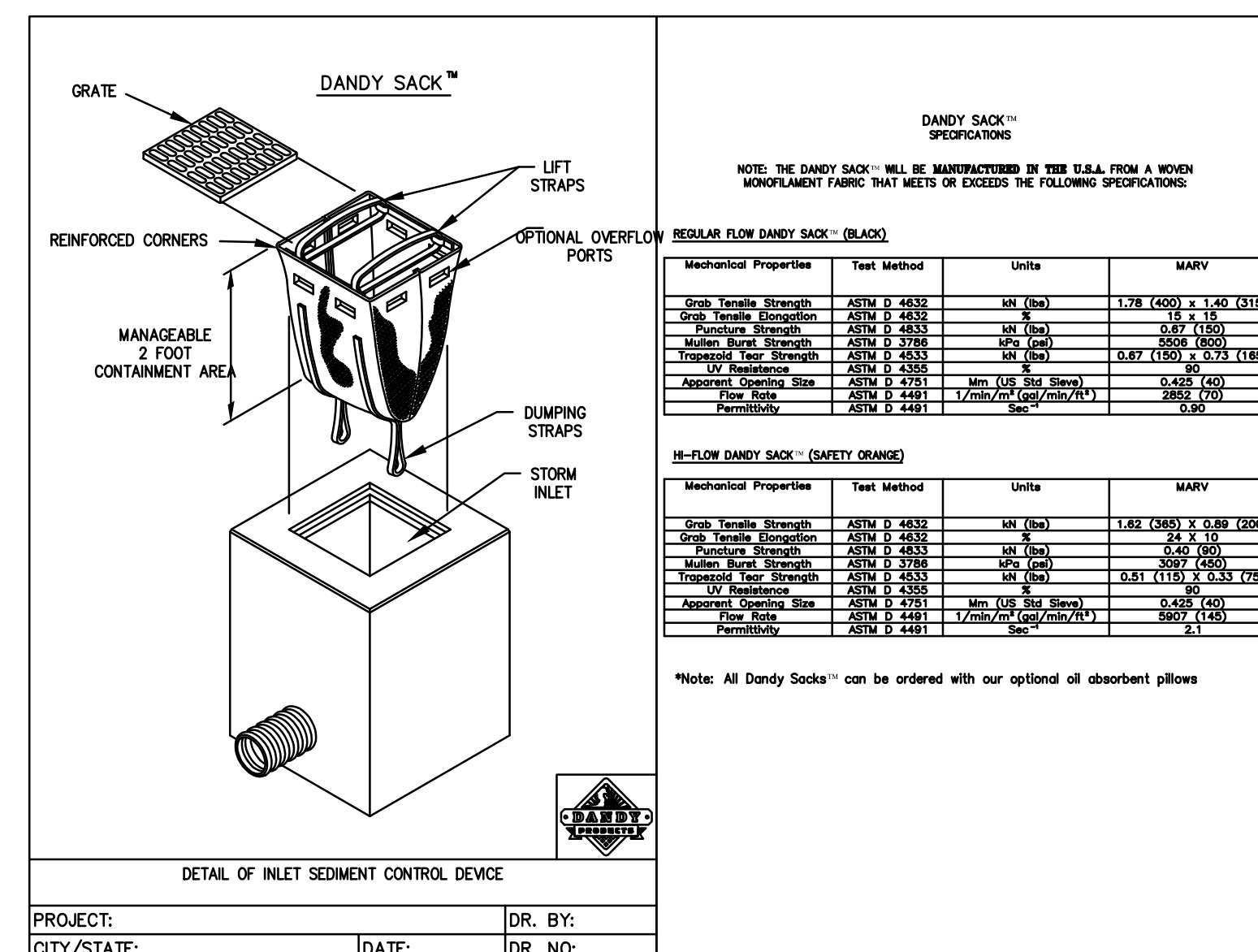
1. THE BOTTOM 1' OF THE FENCE SHALL BE BURIED IN THE TRENCH ON THE UPSLOPE SIDE.
2. FENCE SHALL BE INSTALLED ALONG LEVEL GRADES, NOT ACROSS FLOW CHANNELS.
3. IF OPTIONAL SUPPORT WIRE FENCE IS USED, POST SPACING MAY BE EXTENDED TO 8' O.C.

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

NOT TO SCALE - PRACTICE 3.74



PROJECT: CITY/STATE: DATE: DR. BY: DR. NO:

DANDY SACK™ SPECIFICATIONS

NOTE: THE DANDY SACK™ WILL BE MANUFACTURED BY THE ILLA FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

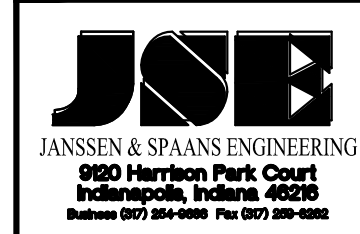
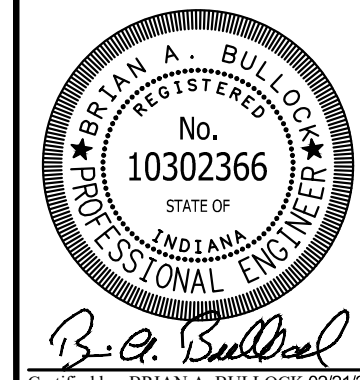
REGULAR FLOW DANDY SACK™ (BLADE)

Mechanical Properties	Test Method	Units	MARY
Grab Tensile Strength	ASTM D 4832	KN (lbs)	1.78 (400) x 1.40 (310)
Grab Tensile Elongation	ASTM D 4832	%	15 x 15
Puncture Strength	ASTM D 4832	KN (lbs)	0.17 (35)
Median Burst Strength	ASTM D 3745	KN (lbs)	0.007 (1.60)
Temporary Tear Strength	ASTM D 4832	KN (lbs)	0.87 (190) x 0.93 (200)
UV Resistance	ASTM D 4355	Min. UV (Std. Spec)	0.425 (100)
Apparent Opening Size	ASTM D 2161	Min. US (Std. Spec)	2807 (100)
Flow Rate	ASTM D 4481	1/min/m² (gpm/m²/ft²)	2807 (100)
Permeability	ASTM D 4481	sec	0.40

HI-FLOW DANDY SACK™ (SAFETY GRASS)

Mechanical Properties	Test Method	Units	MARY
Grab Tensile Strength	ASTM D 4832	KN (lbs)	1.88 (420) x 0.98 (220)
Grab Tensile Elongation	ASTM D 4832	%	24 x 10
Puncture Strength	ASTM D 4832	KN (lbs)	0.17 (35)
Median Burst Strength	ASTM D 3745	KN (lbs)	0.007 (1.60)
Temporary Tear Strength	ASTM D 4832	KN (lbs)	0.81 (180) x 0.81 (180)
UV Resistance	ASTM D 4355	Min. UV (Std. Spec)	0.425 (100)
Apparent Opening Size	ASTM D 2161	Min. US (Std. Spec)	2807 (100)
Flow Rate	ASTM D 4481	1/min/m² (gpm/m²/ft²)	2807 (100)
Permeability	ASTM D 4481	sec	0.1

*Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
CLEAR CREEK WELCOME CENTER
VIGO COUNTY, INDIANA



STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 9400, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:
Project Number: 84003001-22-058-C1
Requestion Number:
Account Number:
Designer: BAB Drawing Date: 02/21/23
Drafter: OMV Drawing Scale: NA
DAPW Approval:
Client Approval:
Reference Number: 220005
Building Reference:
Drawing Number: C401
Sheet: 19 of 23

CONSTRUCTION PLAN ELEMENTS

- A1 Index of the location of required plan elements in the construction plan**
A Plan Index is provided on G101 All other SWPPP elements can be found on this sheet, the erosion control plan, and erosion control detail sheets.
- A2 A vicinity map depicting the project site location in relationship to recognizable local landmarks, towns, and major roads**
An overall project vicinity map is provided on G102.
- A3 Narrative of the nature and purpose of the project**
This project will extend sanitary service to an existing rest area on I-70 about 3 miles southwest of the Town of West Terre Haute. The full scope of the project is as depicted and described by the sheets within this plan set and accompanying project specifications.
- A4 Latitude and longitude to the nearest fifteen (15) seconds**
The project site is approximately located at Latitude 39°26'30" N and Longitude 87°30'00" W.
- A5 Legal description of the project site**
Section(s): 34, 35, 36
Township(s): 10N
Range(s): 12W
Civil Township(s): Sugar Creek
County: Vigo
- A6 11 X 17-inch plot showing building lot numbers/boundaries and road layout/names**
Individual building lots and/or new roadways will not be created for this project. The nature of this utility project does not require a plot to be prepared or recorded.
- A7 Boundaries of the one hundred (100) year floodplains, floodway fringes, and floodways**
This project is located within Zone X. There are no floodplains, floodway fringes, or floodways to depict on the plans.
- A8 Land use of all adjacent properties**
North: I-70
South: Forested, residential
West: Forested, residential, I-70
East: Forested, residential
- A9 Identification of a U.S. EPA approved or established TMDL**
This project is within the Clear Creek watershed. TMDLs have not been established for Clear Creek.
- A10 Name(s) of the receiving water(s)**
Wabash River is the ultimate downstream receiving water for the project site, but it is highly unlikely any pollutants or sediment-laden runoff will travel for enough downstream to reach Wabash River.
- A11 Identification of discharges to a water on the current 303(d) list of impaired waters and the pollutant(s) for which it is impaired**
There will be no discharges to any waters on the 303(d) list. Clear Creek is on the 303(d) list in Hendricks and Putnam counties, but not in Vigo county where this project will take place.
- A12 Soil map of the predominant soil types**
See "Exhibit 1 - Soils Map" and "Table 1 - Soils Data" on this sheet for soil information.
- A13 Identification and location of all known wetlands, lakes and water courses on or adjacent to the project site (construction plan, existing site layout)**
Watercourses that cross the project site are indicated by existing contours and labels on the plans. Impacts to these watercourses will be avoided by trenchless utility installation well below the stream bed of each creek.
- A14 Identification of any other state or federal water quality permits or authorizations that are required for construction activities**
A 401 Permit is not required for this project since there is no fill, excavation, or disturbance within Waters of the United States.
A 404 Permit is not required for this project since there is no fill, excavation, or disturbance within Waters of the United States.
A Construction in a Floodway permit is not required for this project since there will be no fill, excavation, or disturbance within the floodway of any stream.
A NPDES Permit is not required for this project.
A Water Main Extension NOI is not required for this project.
A Sanitary Sewer Construction permit is being pursued through IDEM.
- A15 Identification and delineation of existing cover, including natural buffers**
The existing ground cover and location of paved and unpaved areas is depicted within the plan sheets.
- A16 Existing topography at a contour interval appropriate to indicate drainage patterns**
The existing contours and drainage patterns are depicted within the plan sheets.
- A17 Location(s) of where run-off enters the project site**
Existing drainage patterns will be maintained during and after construction to the greatest extent possible. No major earthwork or drainage operations are planned as part of this project. The majority of the work will be trenchless utility installation to minimize surface impacts.
- A18 Location(s) of where run-off discharges from the project site prior to land disturbance**
Existing drainage patterns will be maintained during and after construction to the greatest extent possible. No major earthwork or drainage operations are planned as part of this project. The majority of the work will be trenchless utility installation to minimize surface impacts.
- A19 Location of all existing structures on the project site**
The locations of all known existing structures and utilities are depicted within the plan sheets.
- A20 Existing permanent retention or detention facilities, including monomode wetlands, designed for the purpose of stormwater management**
There are no existing retention or detention facilities within the project limits.
- A21 Locations where stormwater may be directly discharged into ground water, such as abandoned wells, sinkholes, or karst features**
No wells, sinkholes, karst features or other direct drainage paths to ground water exist within the limits of this project.
- A22 Size of the project area expressed in acres**
The gross project area as delineated by the construction limits is noted on the erosion control plan sheet.
- A23 Total expected land disturbance expressed in acres**
The disturbed land area for this project is noted on the erosion control plan sheet.
- A24 Proposed final topography**
Proposed contours for the project are depicted within the plan sheets. Grading work at the rest area site will be by others. The utility installation will not significantly impact existing topography. Trenchless installation will be utilized where possible to minimize surface impacts.
- A25 Locations and approximate boundaries of all disturbed areas**
The boundaries of the this project's disturbed areas are depicted within the plan sheets.
- A26 Location, size, and dimensions of all stormwater drainage systems, such as culverts, storm sewers, and conveyance channels**
This sanitary project is not proposing any new drainage systems. Stormwater improvements at the rest area site will be by others.
- A27 Locations of specific points where stormwater and non-stormwater discharges will leave the project site**
All runoff will continue to utilize existing drainage paths during and after construction. No significant changes are planned to site topography.
- A28 Location of all proposed site improvements, including roads, utilities, lot delineation and identification, proposed structures, and common areas**
See plan sheets for location of all proposed improvements.
- A29 Location of all on-site soil stockpiles and borrow areas**
No soil stockpiles are planned due to the nature of the project (utility installation, primarily trenchless).
- A30 Construction support activities that are expected to be part of the project**
Construction Waste Collection
- A31 Location of any in-stream activities that are planned for the project including, but not limited to stream crossings and pump grounds**
No in-stream work or activities are planned or anticipated for this project.

EROSION AND SEDIMENT CONTROL / PROJECT SITE MANAGEMENT

- B1 Construction Potential Pollutant Sources**
The main sources of pollution during construction will be silt, construction materials, and petroleum products used in construction equipment. Erosion and sediment control measures will be put in place before construction begins to minimize the possibility of silt entering stormwater. The contractor is to cover all material storage areas before any expected rainfall event to prevent pollution of stormwater from construction materials. The contractor is to maintain a fueling and servicing area to minimize the danger of pollutants entering stormwater from construction equipment. Instructions for the fueling and servicing area are provided within the spill prevention sections of this SWPPP.
- B2 Stabilized Construction Entrance**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B3 Temporary and Permanent Stabilization**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B4 Sediment Control for Concentrated Flow Areas**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B5 Sediment Control for Sheet Flow Areas**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B6 Runoff Control Measures**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B7 Stormwater Outlet Protection**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B8 Grade Stabilization**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B9 Dewatering Applications**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B10 Work Within Water Bodies**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B11 Stormwater Quality Maintenance**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B12 Planned Construction Sequence**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.
- B13 Provisions for Individual Residential Lots**
The Erosion and Sediment Control Practices pertain to the entire project site. There are no individual building lots for this project.
- B14 Material Handling and Spill Prevention**
The contractor shall provide a central area for fueling and servicing of equipment. This area shall be contained with a row of stacked straw bales around the perimeter. Secondary containment in the form of drip pans or drop cloths shall be used to contain any spills. The contractor shall maintain a supply of oil-absorbent material to clean up any small spills that may occur. Used absorbent material shall be removed from the site and disposed of in accordance with the laws of the State of Indiana. Refer to the Spill Prevention Plan located on this sheet for additional information.
- B15 Material Handling and Storage Procedures**
Refer to the Erosion Control Plan Sheets, Erosion Control Detail Sheets and the Erosion Control Specifications for information regarding this topic.

EXHIBIT 1 - SOILS MAP

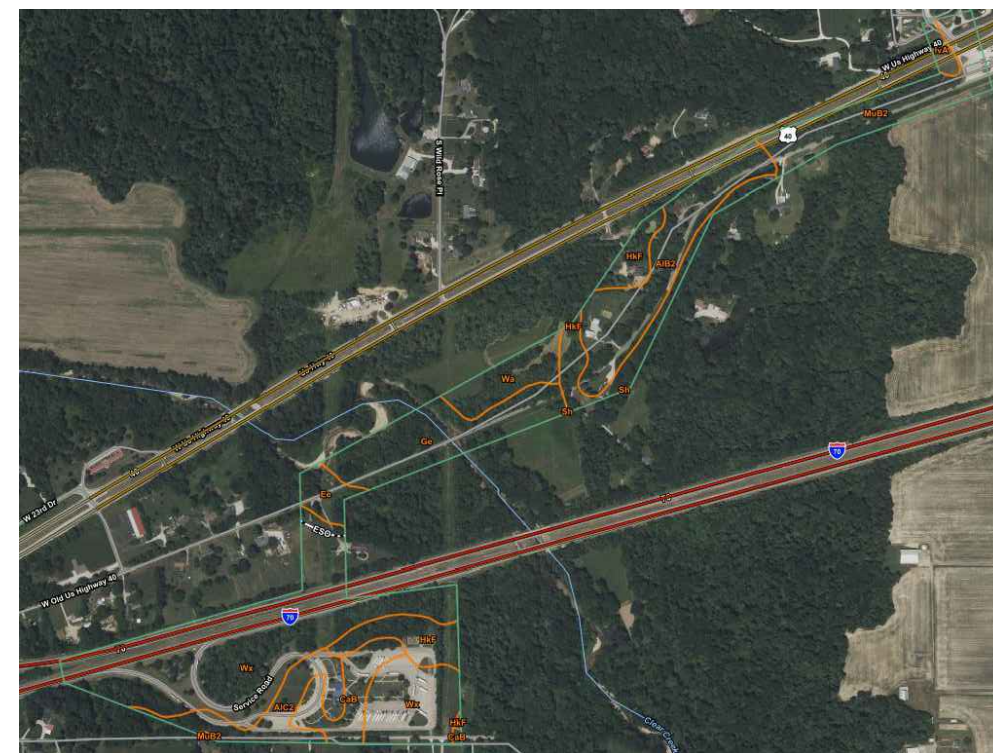


TABLE 1 - SOILS DATA

SOIL ID/CODE	SOIL GROUP	HYDROLOGIC GROUP	FLOODING	DEPTH TO RESTRICTIVE LAYER	DEPTH TO WATER TABLE	EROSION CONTROL FACTOR K	EROSION CONTROL FACTOR T
Wx	Whitaker	B/D	None	>79"	15"	0.37	5
AIR2	Alford	B	None	>79"	>79"	0.43	5
Ge	Genesee	B	Frequent	>79"	48"	0.37	5
HkF	Hickory	B	None	>79"	>79"	0.28	5
MUR2	Muren	B/D	None	>79"	18"	0.43	5

EROSION CONTROL SPECIFICATIONS

A. SCOPE OF WORK

- 1. The work required under this section includes erosion and sediment control measures for construction activities as required by local, state and federal jurisdictions including but not limited to County Soil & Water Conservation District, Local MS4, Indiana Department of Environmental Management and the Environmental Protection Agency.

B. MATERIALS

- 1. Materials required for this section are provided under the Stormwater Pollution Prevention Plans, Erosion & Sediment Control Notes, and Details.

C. GENERAL

- 1. This plan is designed as an attempt to prevent any and all sediment from leaving the construction site by way of erosion. If erosion of sediment from the site is taking place, the owner shall take preventative action immediately. The Engineer shall be consulted in the event this happens.
- 2. Temporary seeding is to be applied within 7 days if no work is anticipated in an area of disturbed soil within 15 days.
- 3. Permanent seeding is to be applied immediately to areas that have achieved final and finished grade.
- 4. Preserve existing vegetation on the site whenever and wherever possible to prevent topsoil erosion.
- 5. All sediment capturing measures are to be implemented prior to the disturbance of the construction area they are intended to service.
- 6. All erosion control measures proposed are to be properly maintained to continue their effectiveness.
- 7. If grading occurs during December, January or February dormant seeding procedures shall be used.
- 8. During dry weather, keep lawns watered with sprinklers or other approved methods. Reused any areas not germinating or damaged at intervals as may be required according to seasonal condition and/or construction activity. Water grass and execute necessary weeding until full stand of grass has been obtained.
- 9. The implementation and maintenance of the erosion control is the sole responsibility of the contractor and/or owner.
- 10. It shall be the Contractor's and/or Owner's responsibility to minimize sedimentation (from on-site construction activities) from being deposited onto adjacent properties and receiving streams/ditches in strict compliance with the United States Environmental Protection Agency (U.S. EPA) and the Indiana Department of Environmental Management (IDEM) Storm Water Phase II criteria. It shall also be the Contractor's and/or owner's responsibility to obtain any approvals required from the local authority having jurisdiction and to submit a complete Notice of Intent form to the Indiana Department of Environmental Management (IDEM) prior to the start of any construction activity.
- 11. Provide 12" minimum of INDOT #2 crushed stone on filter fabric construction entrance(s) to site from streets/roads. See details for additional information.
- 12. Contractor shall at all times insure that erosion control measures protecting existing drainage facilities be in place prior to the commencement of any phase of construction or land alteration activity.
- 13. As soon as areas are brought to finish grade or new drainage facilities are constructed, contractor shall construct the applicable erosion control measures required by and delineated on the approved plan.
- 14. During site construction activity, the contractor shall:
 - a. Construct all perimeter silt barriers.
 - b. Install and maintain clean crushed stone at all construction entrances/exits to the site and any areas used for parking.
 - c. Prevent construction silts from leaving the site at all times and place excavated materials away from any direct drainage flow runoff from the site.
- 15. Temporary vegetation shall be installed within 7 days following completion of any phase of grading.
- 16. Contractor shall inspect all erosion control measures daily and repair as necessary to prevent erosion. Siltation shall be removed from areas where failures have occurred and corrective action shall be taken within 24 hours to maintain all erosion control.
- 17. Perimeter siltation barriers shall be maintained at all times.
- 18. At such time that rough grading of the site is complete and drainage divers to inlets, inlet erosion control measures shall be installed at all inlet structures to keep piping systems free of siltation.
- 19. Erosion control measures, construction entrances and siltation barriers shall remain in place until a good stand of grass has been obtained and/or paving operations are complete. After this has been accomplished, all silt in pipes, detention facilities and swales shall be removed within 10 days so that finished grades are met.
- 20. Once construction is complete and prior to the contractor handing over the project to the owner, the contractor shall clean all debris, pollutants, and sediment from the detention pond and forebay.

SPILL PREVENTION PLAN

All fueling and servicing of vehicles on site will be conducted near the construction entrance/staging area. This area shall be contained with a row of stacked straw bales around the perimeter. Secondary containment in the form of drip pans or drop cloths shall be used to contain any spills. The contractor shall maintain a supply of oil-absorbent material to clean up any small spills that may occur. Any spillage will be removed immediately. Used absorbent material shall be removed from the site and disposed of in accordance with the laws of the State of Indiana. Contaminated soils will be placed on heavy plastic and covered or placed into approved containers to prevent contact with storm water. All fuel tanks will be in the containment area. Oils, other vehicle fluids, paints and solvents will be stored in the construction trailer. Any spill in excess of two gallons will be reported to a representative of the contractor.

If a release containing a hazardous substance in an amount equal to or in excess of a reporting quantity established under either 40 CFR 117 or 40 CFR 302 occurs during a 24-hour period, the contractor will immediately notify the permittee who shall then notify the following:
National Response Center (NRC) (800-424-8802)
Indiana State Emergency Management Agency (317-232-3986)
the Local/County Emergency Management Agency
the Local Fire Department (911)
the Local/Municipal Engineering Department.
Also, the engineer will prepare a revision to this document to identify measures to prevent the recurrence of such releases.

Concrete trucks will wash out at the designated area near the construction entrance. The contractor shall take care to insure that no waste materials are discharged into the waters of the state. Each contractor is responsible to provide litter control for trash generated by his crew. All trash including but not limited to; solid waste, paint cans, oil cans, used oil and filters will be contained and disposed of by the contractor in accordance with the laws and regulations of the State of Indiana and Local/County requirements.

The contractor shall furnish and maintain sanitary facilities for this project. The facilities shall be cleaned as necessary and the waste materials shall be disposed of in accordance with the laws and regulations of the State of Indiana and Local/County requirements.

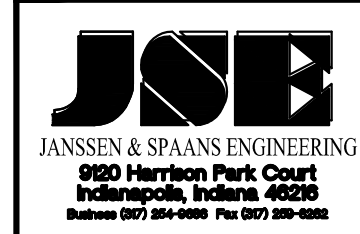
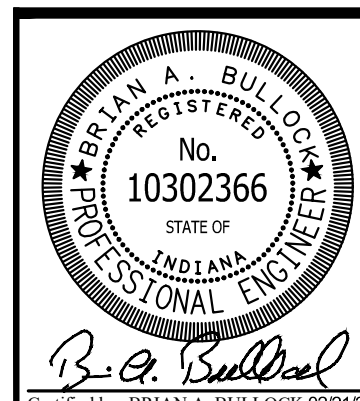
MAINTENANCE / INSPECTION SCHEDULE

1. The inlet protection will need to be monitored and cleaned once a month or after each storm event.	
2. The Contractor is responsible for all installation and maintenance of erosion control.	
ITEM DESCRIPTION	INTERVAL
Inspection of Embankment	Annual inspection and/or after major storm events
Inspection of Outlet Structures / Riprap	Monthly inspection and/or after major storm events
Inspection of Stormwater Inlets	Inspect Monthly

MAINTENANCE / INSPECTION LIST

ITEM DESCRIPTION	SATISFACTORY/ UNSATISFACTORY	ACTION TAKEN/ COMMENTS
1. CONDITION OF EMBANKMENT		
Healthy vegetation with at least 85% ground cover		
No signs of erosion on embankment		
No animal burrows		
Embankment is free of cracking, bulging or sliding		
Embankment is free of woody vegetation		
Embankment is free of leaks or seeps		
No slope protection failure		
2. CONDITION OF OUTLET STRUCTURES		
Low flow outlet free of obstruction		
Flared End Section not blocked or damaged		
Outlet pipe is not blocked and is in good condition		
Outfall channels are stable and free of scouring		
Riprap is good condition and not sediment laden		
3. CONDITION OF INLET STRUCTURES		
No riprap failures		
No evidence of slope erosion or scouring		
Inlet storm pipes are in good condition		
Inlet storm pipes are not clogged and are operational		
Endwalls/Headwalls/End Sections are in good condition		
Inlet grates are free of obstructions		
Inlet bottoms are free of debris and sediment		

- 1. The Contractor shall schedule and hold a pre-construction meeting with the Shelby County Soil and Engineering and Stormwater - MS4 Departments prior to any construction activities.
- 2. All erosion and sediment control practices shall be in accordance with the Indiana Stormwater Quality Manual, Indiana Department of Environmental Management, and the Shelbyville Stormwater Design Manual and Standards.
- 3. The Notice of Intent (NOI) and public notice for the project, along with the Governing Municipality Erosion County Permit, shall be posted on a sign installed at or near the site construction entrance. The NOI shall list the contact information for the site contact person. The sign and information shall be maintained and remain legible throughout construction.
- 4. A copy of this Erosion and Sediment Control Plan and the Erosion and Sediment Control Report shall be available at the project site throughout the entire construction period.
- 5. The contractor shall control waste, garbage, debris, wastewater, and other substances on the site so they will not be transported from the site by the action of wind, storm water runoff, or other forces. Proper disposal or management of all wastes and unused building material appropriate to the nature of the waste or material is required.
- 6. Public or private roadways shall be kept clear of accumulated sediment. All sediment that is cleared must be returned to the likely point of origin or other suitable location. Clearing of large amounts of sediment shall not include flushing the area with water.
- 7. Minimize the exposure of bare earth by limiting the work area to that necessary to perform the work, and by proper scheduling of manpower and equipment.
- 8. All erosion and sediment control measures shall be inspected, cleaned, and maintained following each storm event of 0.5 inches or greater.
- 9. Wherever possible, maintain existing vegetative cover. Use non-vegetative material including mulch, erosion blankets, or stone to control erosion from disturbed areas.
- 10. A log shall be maintained of all inspections (weekly, and following storm events), maintenance and repair of erosion and sediment control measures. The log shall be maintained on site and be available upon request to the owners representatives and the operating authorities having jurisdiction over the site.
- 11. The following erosion control measures shall be in place prior to any land disturbing activities:
 - 11.1. Create a stabilized construction entrance
 - 11.2. Install Temporary Inlet Protection Measures on existing storm inlets.
 - 11.3. Install Temporary Silt Fence and/or Silt Sock Protection as shown on approved plans
 - 11.4. Install Temporary Concrete Washout
- 12. Once land disturbing activities begin, the following practices shall be provided:
 - 12.1. Once earth disturbing activities begin, the adjacent roadways, drives, parking lots, etc., shall be continuously monitored for sediment tracking. If sediment is found, immediate action is required to clean the offsite areas and the current erosion control practices will need to be inspected and modified accordingly to prevent any further sediment from leaving the project site.
 - 12.2. Once the new storm structures/pipes are in place, the appropriate type of inlet protection measures shall be placed.
 - 12.3. Continued monitoring of all exposed areas shall be performed in order to verify the surrounding areas are not becoming sediment laden from construction activities onsite.
 - 12.4. As the construction occurs, disturbed areas shall be stabilized as soon as they are at finished grade or will be left bare for more than 15 days.
 - 12.5. Provide final grade stabilization upon final grading of all areas including erosion control blankets, seeding and sodding as appropriate.
 - 12.6. Storm sewers shall be jetted/cleaned to remove silted materials in the event they become silted from construction activities onsite.
 - 12.7. Silt fence shall be installed prior to any privacy fence removal. New privacy fence shall be installed before any silt fence is removed.
- 13. Whenever possible, erosion and sediment control measures shall be constructed and installed prior to performing other earth disturbing activities.
- 14. Minimize erosion from exposed areas by providing and maintaining temporary or permanent stabilization measures. Erosion control measures to protect exposed areas shall be installed at the end of the day's work or within 24 hours of the completion of the earth disturbing activity, as applicable for the type of measure.
- 15. All disturbed areas shall be seeded and/or stabilized upon completion of the earth disturbing activity.
- 16. All graded areas (lawns, banks, mounds, etc.) with slopes equal to or steeper than 6:1v shall be stabilized with an erosion control blanket unless noted otherwise. All constructed swales channels shall be stabilized with an erosion control blanket to the top of the bank. Soil stockpiles shall be seeded and mulched to minimize erosion.
- 17. All other lawn and planting areas shall be seeded and stabilized with an anchored, crimped or tacked mulch and seed mixture.
- 18. Areas to be paved shall be stabilized with a temporary stone cover. The temporary stone stabilization shall be equivalent to the proposed stone sub-base material. Adequate sub-base depths shall be maintained during construction, verified and restored, if necessary, prior to final paving. Stone stabilization shall be installed per the paving specifications and details.
- 19. Install pipe and grate inlet protection measures and pipe outlet protection as new pipes or pipe extensions are installed. Limit excavation to the work that can be performed that day. Trenches shall be seeded and mulched as part of the backfill operation.
- 20. Install inlet protection measures to prevent debris and sediment from entering storm system. Check weekly and after each storm event for debris and sediment. Clear blockages as identified. Torn, damaged or ineffective measures shall be replaced.
- 21. Soil stockpiles shall have appropriate perimeter protection to prevent sedimentation of the surrounding areas. Any stock pile that will not be disturbed for 15 days or longer shall be seeded and protected with mulch or erosion control blanket.
- 22. All disturbed areas where work will potentially cease for 15 days or longer shall be seeded and stabilized immediately upon completion of the activity.
- 23. Erosion and sediment control measures shall be maintained until the site has a 70% vegetative stand.
- 24. Once construction is complete and prior to the contractor handing over the project to the owner, the contractor shall clean all debris, pollutants, and sediment from the detention pond.



PUBLIC WORKS PROJECT NO. 84003001-22-058-C1
CLEAR CREEK WELCOME CENTER
VIGO COUNTY, INDIANA



STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PUBLIC WORKS DIVISION
ROOM 4404, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
317-232-3000

Revisions:

Project Number: 84003001-22-058-C1
Requestion Number:

Account Number:

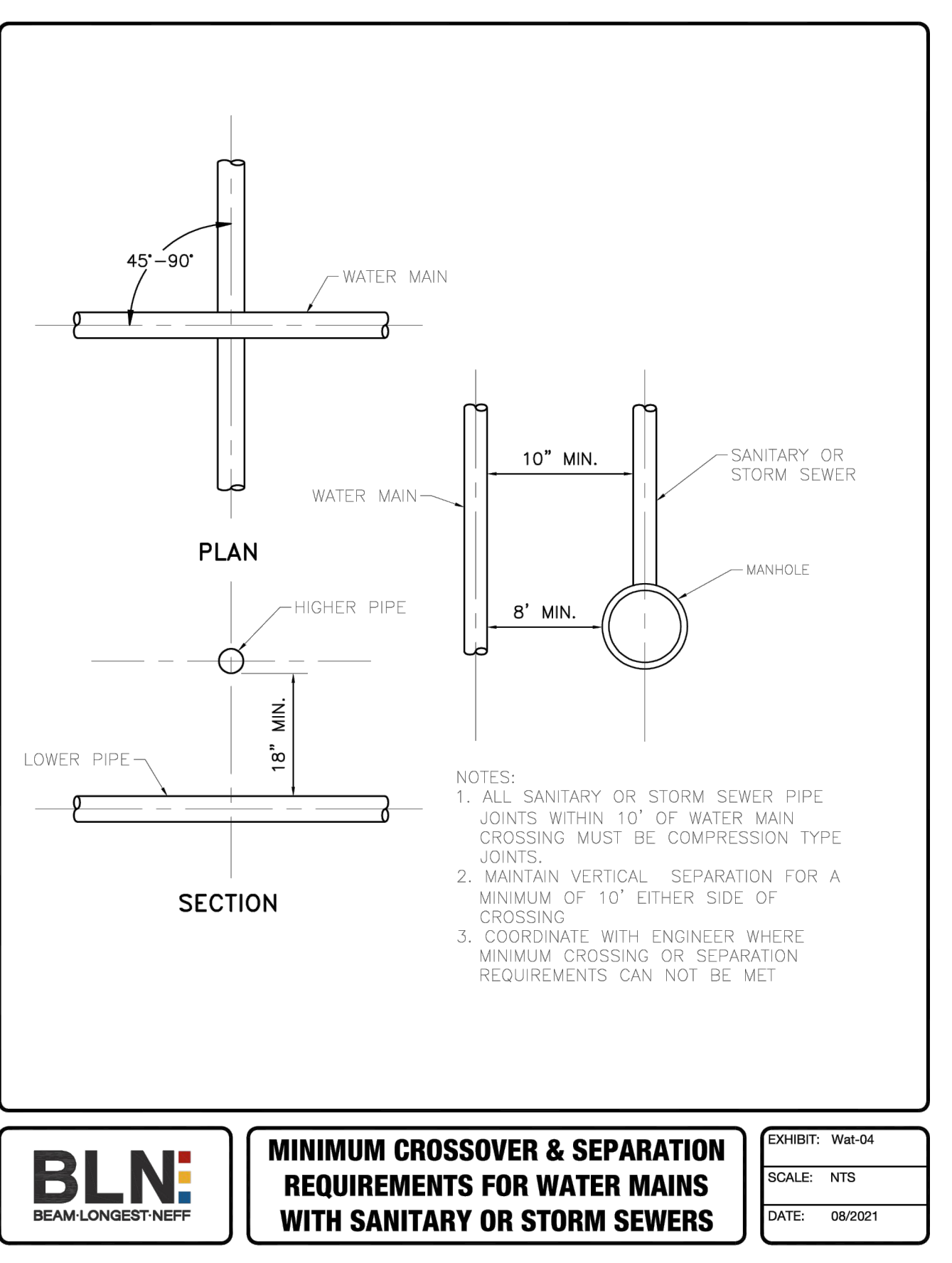
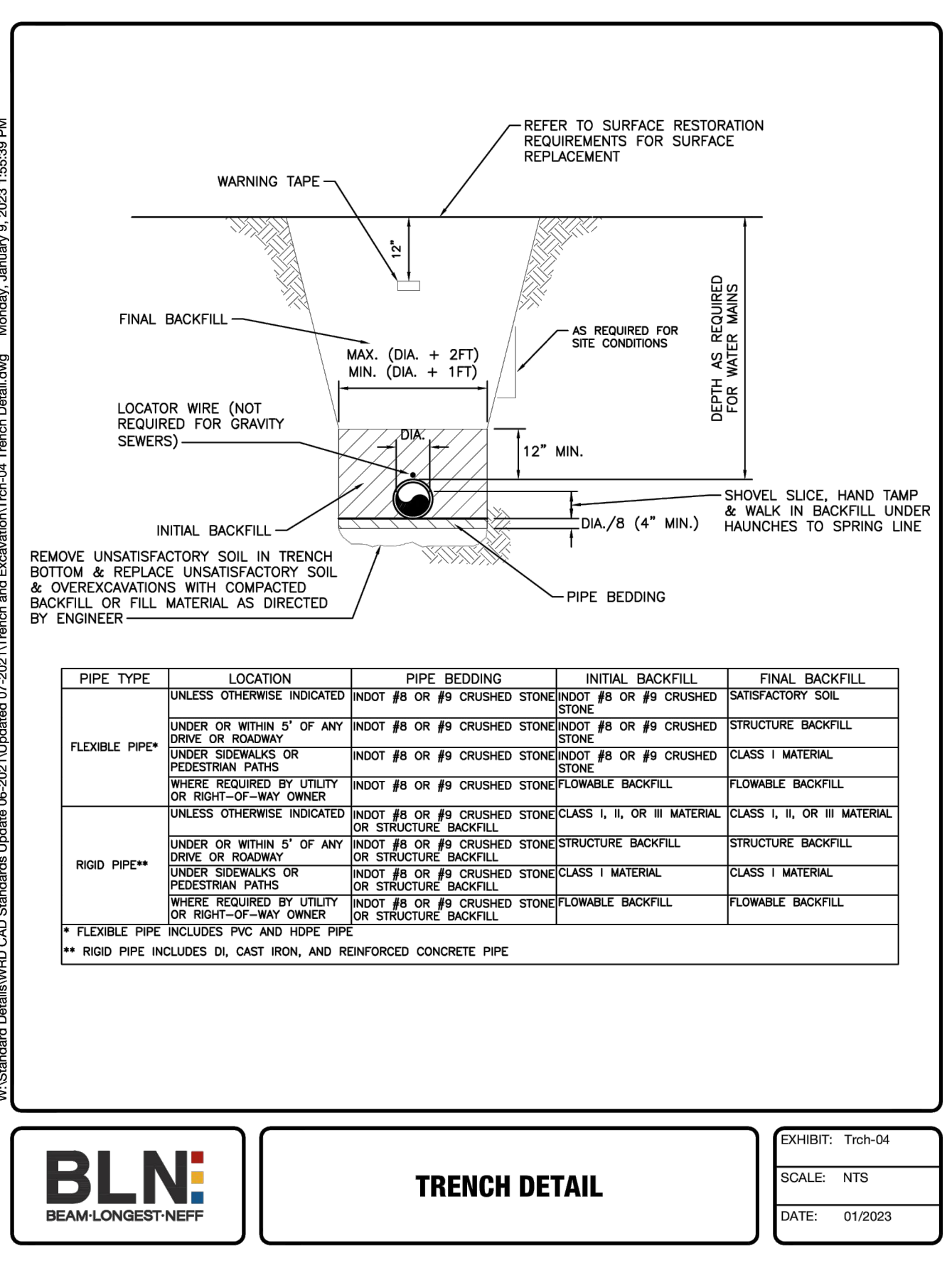
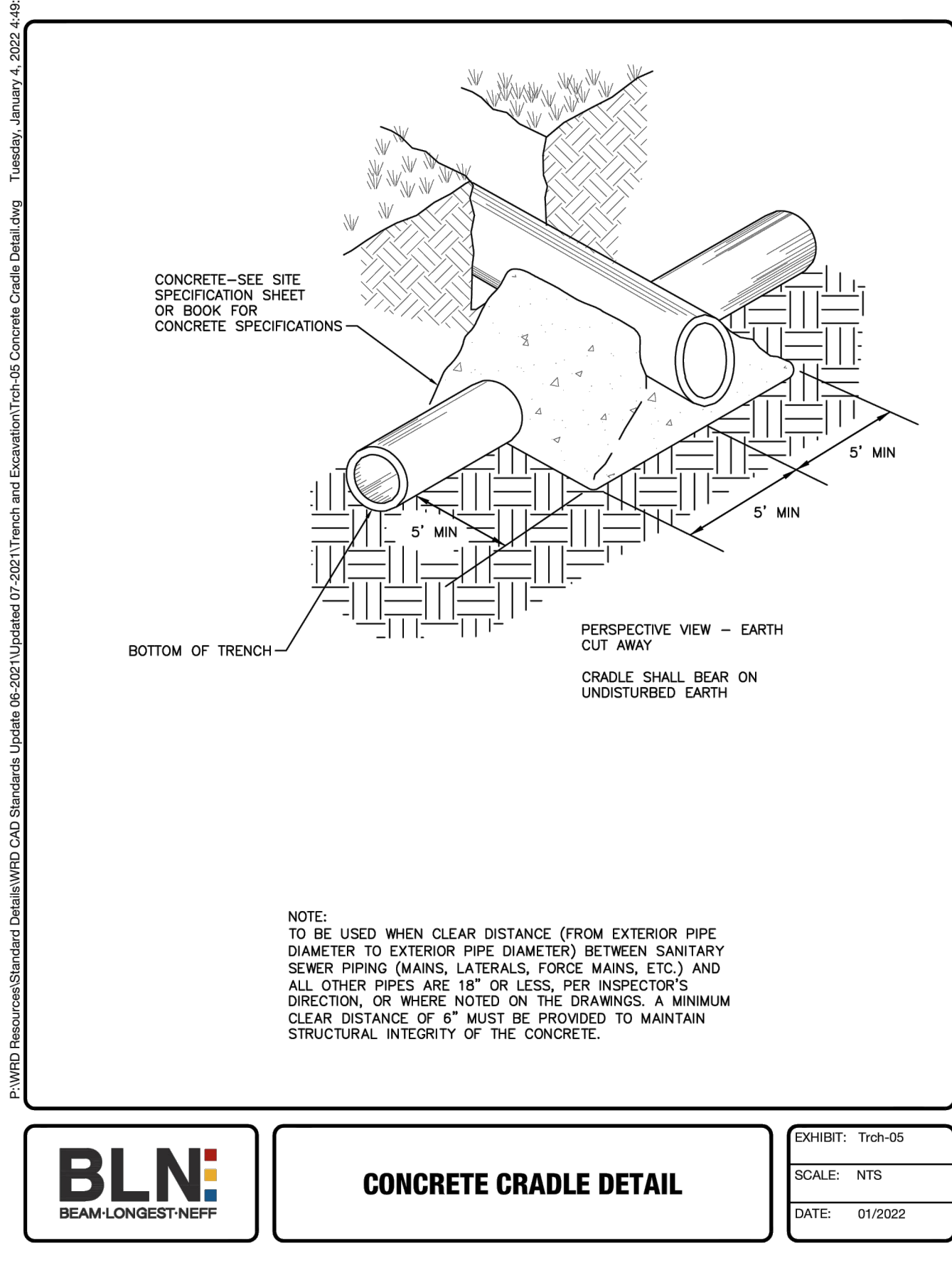
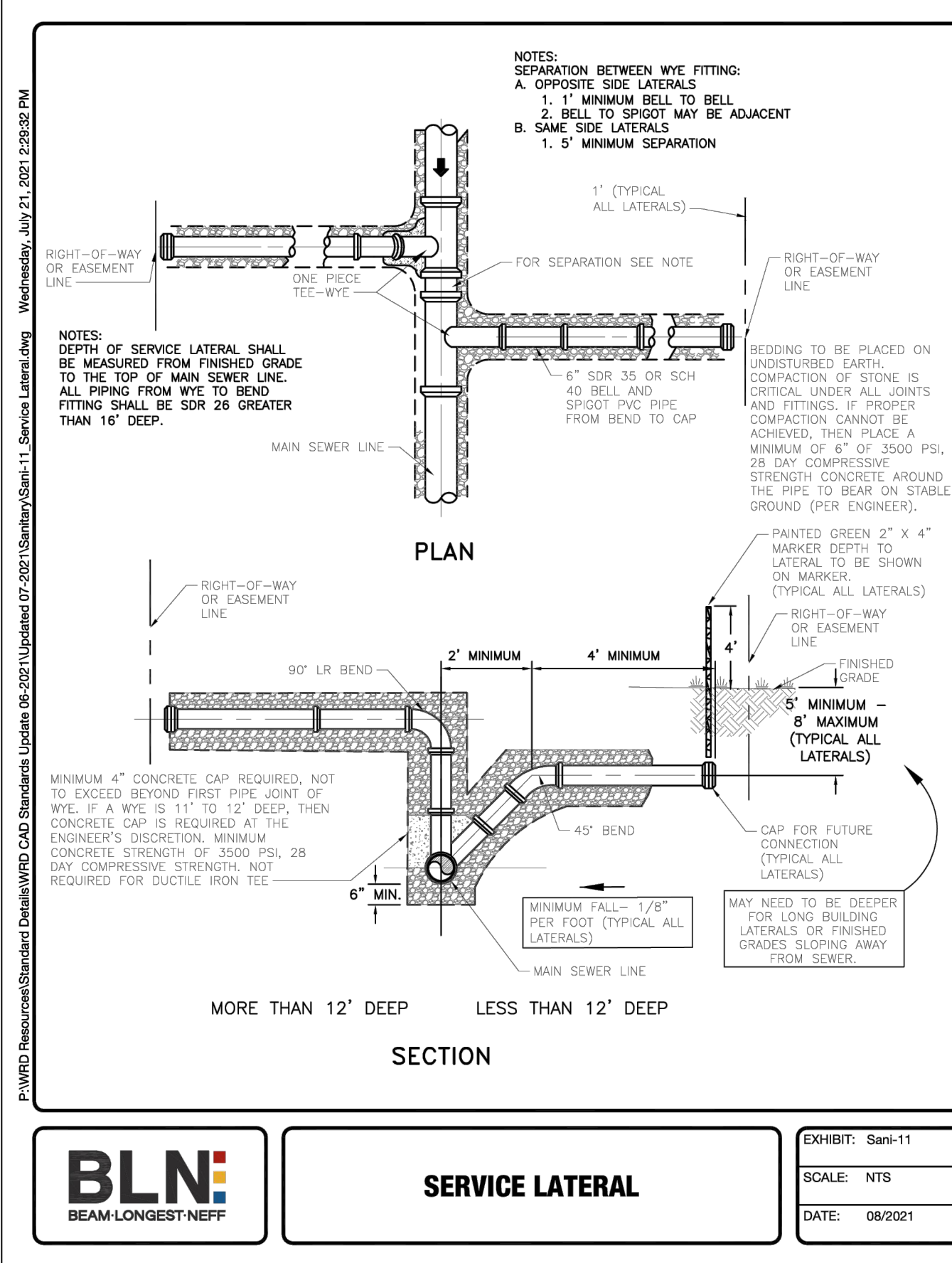
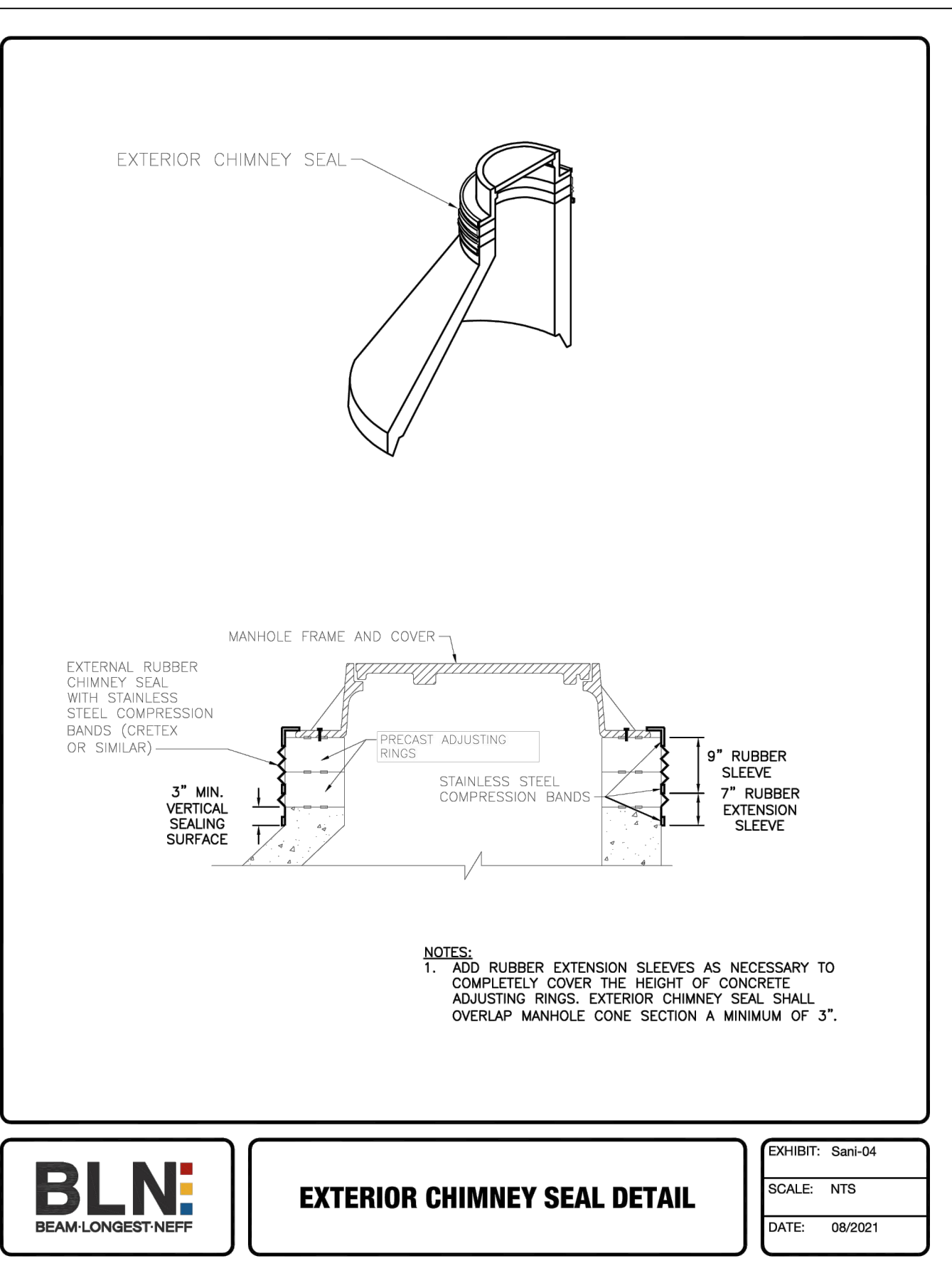
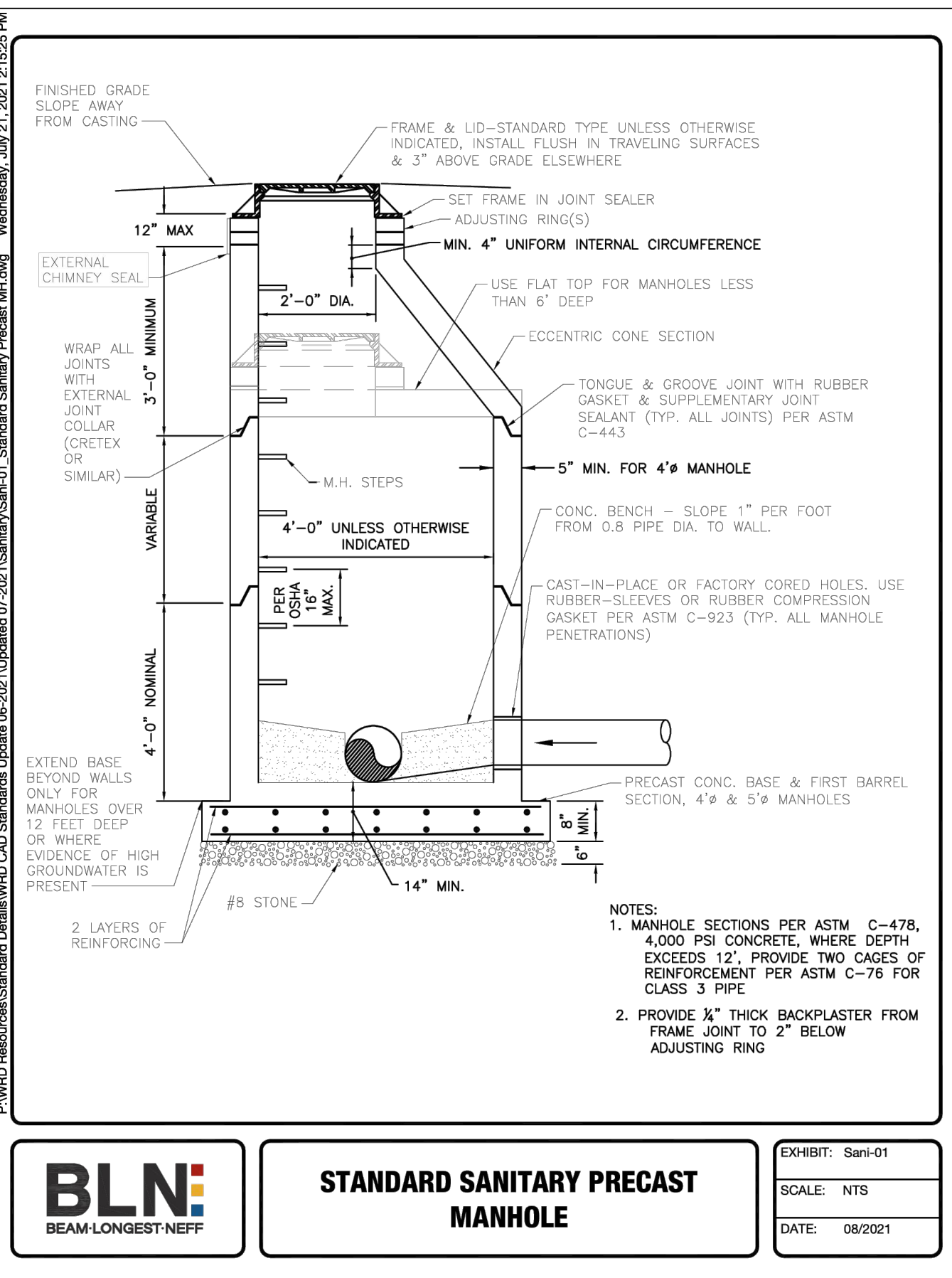
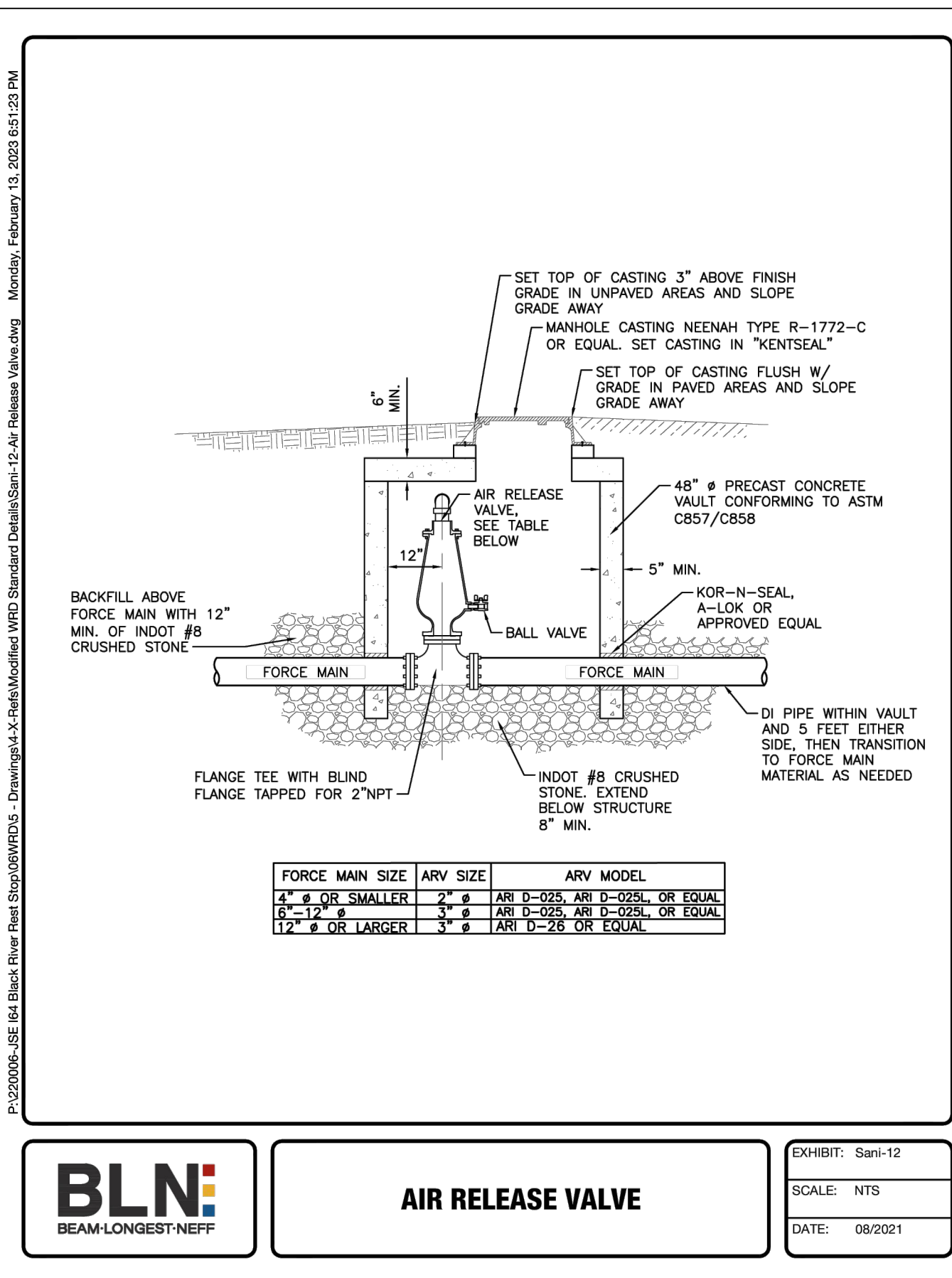
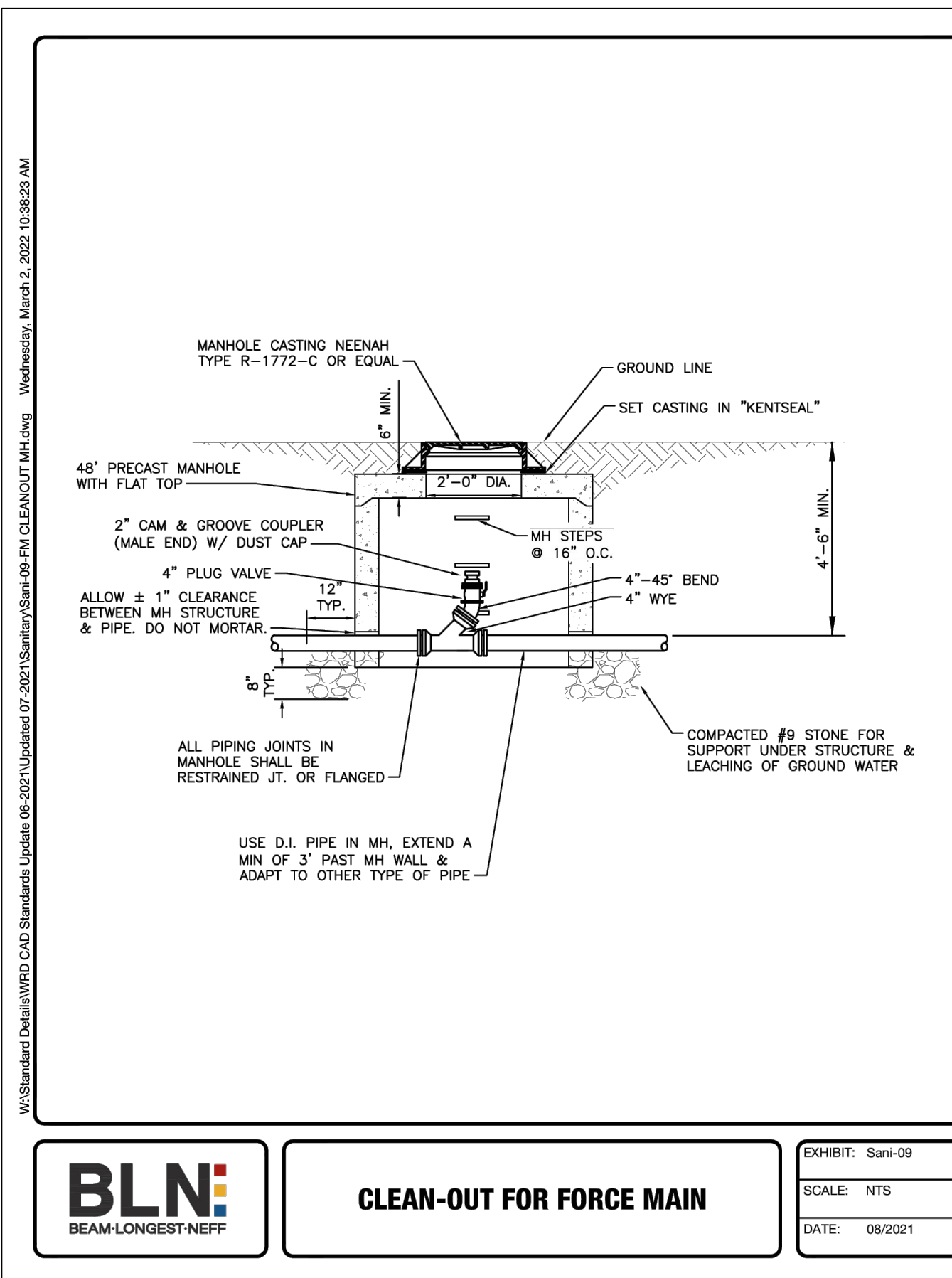
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Drafter: OMV Drawing Scale: NA

DAPW Approval:

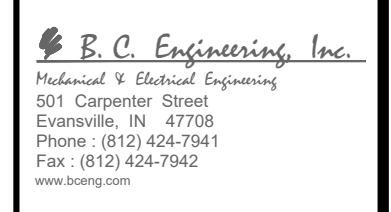
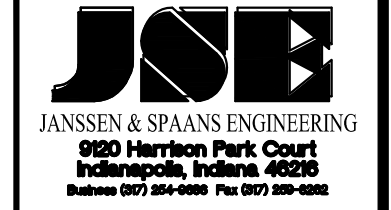
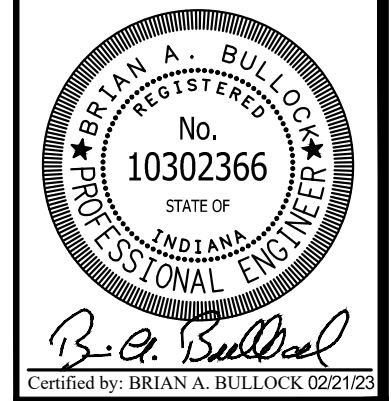
Client Approval:

Reference Number: 220005
Building Reference:

Drawing Number: C402
Sheet: 20 of 23



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 VIGO COUNTY, INDIANA



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 Designer: BAB Drawing Date: 02/21/23
 Drafter: DCW Drawing Scale: NA
 DAPW Approval:
 Client Approval:
 Reference Number: 220005
 Building Reference:
 Drawing Number: C500
 Sheet: 21 of 23

