

SET NO.

# TOWN OF NEWBURGH

## WARRICK COUNTY, INDIANA

**POWERS PLACE SANITARY  
SEWER IMPROVEMENTS  
OCTOBER 2025**

**TOWN OF NEWBURGH TOWN COUNCIL**

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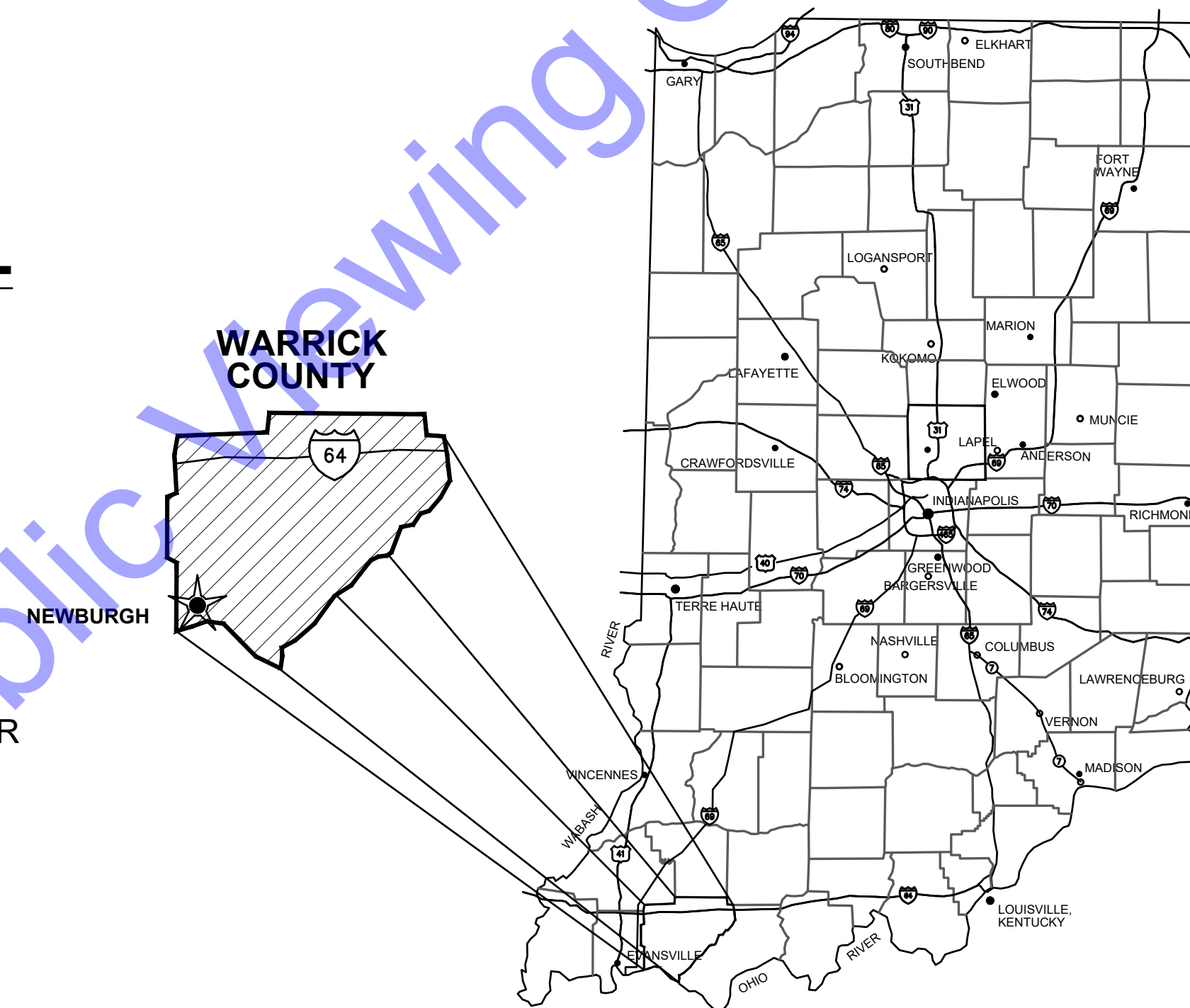
CHRIS COOKE \_\_\_\_\_ TOWN MANAGER

ANDREA BALBONI \_\_\_\_\_ DEPUTY TOWN MANAGER

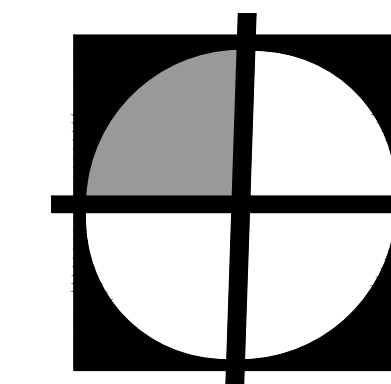
NANNETTE ANGEL \_\_\_\_\_ CLERK-TREASURER

RUSSELL POWELL \_\_\_\_\_ WW FACILITY SUPT.

CHRISTOPHER C. WISCHER \_\_\_\_\_ TOWN ATTORNEY



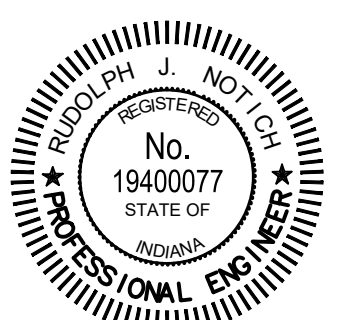
### GENERAL LOCATION MAP



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**QA/QC BY :** DREW O. FLAMION, P.E.

**CERTIFIED BY :** Rudolph J Notich  
RUDOLPH J. NOTICH, P.E.  
INDIANA P.E. No. 19400077



**CONTRACT NO. : S20076**







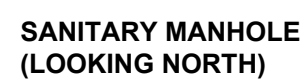
AB	AIR	G	GAS	SAN	SANITARY
AFF	ANCHOR BOLT	GALV	GALVANIZED	SAS	SANITARY SEWER
ALT	ABOVE FINISH FLOOR	GEN	GENERAL	SCH	SCHEDULE
ALUM	ALTERNATE	GRD	GROUND OR GRADE	SECT	SECTION
@	ALUMINUM			SF	SQUARE FEET
APP.	AT	HB	HOSE BIBB	SHT	SHEET
ATT	APPARENT	HORIZ	HORIZONTAL	SL	SAMPLE LINE
AUTO	AERATION TANK TRANSFER	HP	HORSEPOWER	SOS	STORM SEWER
AVG	AUTOMATIC	HW	HOT WATER	SP	STOP PLATE
	AVERAGE			SQ	SQUARE
B		ID	INSIDE DIAMETER	STD	STANDARD
BLDG	BAFFLE	IS	ISOLATION JOINT	S STL, SS	STAINLESS STEEL
BM	BUILDING	INV	INVERT	STL	STEEL
BOT	BENCH MARK	IP	IRON PIN	SUP	SUPERNATANT
BRG	BOTTOM			SY	SQUARE YARD
	BEARING	LAV	LAVATORY		
CFM		LB	POUND	TOS	TOP OF SLAB
CL	CUBIC FEET PER MINUTE	LL	LIVE LOAD	TOW	TOP OF WALL
CO	CENTERLINE	LLV	LONG LEG VERTICAL	TW	TERTIARY WATER
COL/C	CLEAN OUT	LTG	LIGHTING	TYP	TYPICAL
CONC	COLUMN				
COP	CONCRETE	MAX	MAXIMUM	V	VACUUM OR VALVE
CJ	COPPER	MCC	MOTOR CONTROL CENTER	VAR	VARIABLES
CP	CONSTRUCTION JOINT	MGD	MILLION GALLONS PER DAY	VERT	VERTICAL
CW	CONTROL POINT	MH	MANHOLE		
CY	COLD WATER	MIN	MINIMUM, MINUTE	W	WEIR
	CUBIC YARD	MJ	MECHANICAL JOINT	W/	WITH
				W/O	WITHOUT
D	DRAIN	NC	NORMALLY CLOSED	WAS	WASTE ACTIVATED SLUDGE
DEC	DECANT	NG	NATURAL GAS	WC	WATER CLOSET
DIA	DIAMETER	NIC	NOT IN CONTRACT	WH	WATER HEATER
DIM	DIMENSION	NO	NORMALLY OPEN	WL	WATER LINE
DI	DUCTILE IRON PIPE	NO.	NUMBER	WWF	WELDED WIRE FABRIC
DL	DEAD LOAD	NPW	NON-POTABLE WATER		
DSPT	DOWN SPOUT			YH	YARD HYDRANT
DWG	DRAWING	OD	ON CENTER		
E	ELECTRICAL CONDUIT	OC	OUTSIDE DIAMETER		
EA	EACH	OPG	OPENING		
EF	EACH FACE	OPP	OPPOSITE		
EFFL	EFFLUENT	PB	PULL BOX		
EL	ELEVATION	PE	POLYETHYLENE EXP. JT. MATERIAL		
EW	EACH WAY	P/L	PROPERTY LINE		
EX	EXISTING	POJ	PUSH ON JOINT		
EXF	EXHAUST FAN	PSF	POUNDS PER SQUARE FOOT		
EXP JT	EXPANSION JOINT	PSI	POUNDS PER SQUARE INCH		
		PVC	POLYVINYL CHLORIDE		
F	FILTER	PW	POTABLE WATER		
FCAR	FLANGED COUPLING ADAPTER,				
	RESTRAINED	R	RECIRCULATION		
FD	FLOOR DRAIN	RAD	RADIUS		
FDN	FOUNDATION	RAS	RETURN ACTIVATED SLUDGE		
FFE	FINISHED FLOOR ELEVATION	RCP	REINFORCED CONCRETE PIPE		
FH	FIRE HYDRANT	RD	ROOF DRAIN		
FLD	FILTRATE DRAIN	REINF	REINFORCING		
FLG	FLANGE	REQ'D	REQUIRED		
FL	FLUSHING LINE	R/W (ROW)	RIGHT-OF-WAY		
FLR	FLOOR				
FM	FORCE MAIN				
FRP	FIBER REINFORCED PLASTIC				
FT	FEET OR FOOT				
FTG	FOOTING				
FW	FINISHED WATER				



NOT TO SCALE

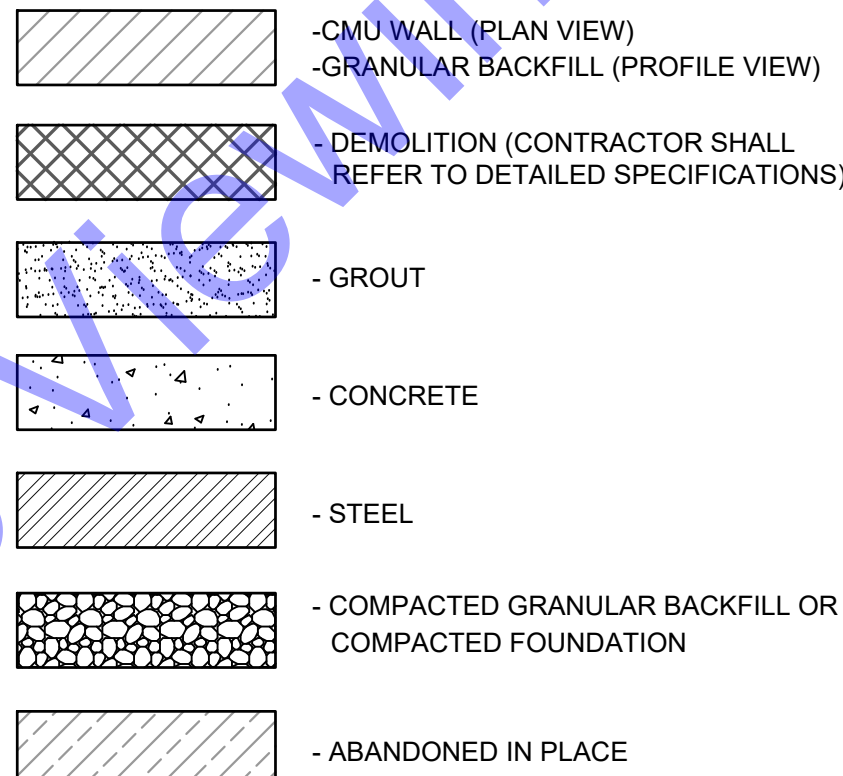


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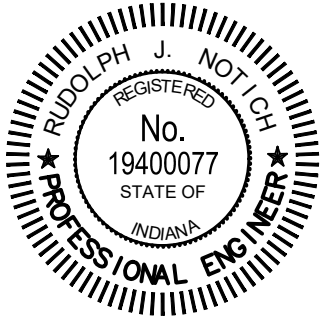
## GENERAL SCHEMATIC LEGEND



EXISTING FEATURES		NEW/PROPOSED FEATURES	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WATER LINE		NEW STORM/SANITARY MANHOLE
	SANITARY SEWER		NEW STORM/SANITARY SEWER
	FORCE MAIN		NEW STORM INLET
	STORM SEWER		ABANDON, REMOVE OR GROUT FILL SEWER, PER PLANS
	GAS LINE		PERMANENT EASEMENT
	BURIED ELECTRIC		TEMPORARY EASEMENT
	OVERHEAD ELECTRIC		TREE TO BE REMOVED
	BURIED TELEPHONE		FLOWABLE FILL (PROFILE)
	OVERHEAD TELEPHONE		CONCRETE SURFACE REPLACEMENT (PROFILE OR PLAN)
	BURIED CABLE		GRANULAR BACKFILL (PROFILE)
	ELECTRIC PEDESTAL		ASPHALT SURFACE REPLACEMENT (PROFILE)
	TELEPHONE PEDESTAL		
	CABLE TELEVISION PEDESTAL		
	UTILITY POLE		
	GUY ANCHOR		
	3 WAY FIRE HYDRANT		
	2 WAY FIRE HYDRANT		
	FLUSH VALVE		
	YARD HYDRANT		
	WATER METER		
	ELECTRIC METER		
	BENCHMARK/CONTROL POINT		
	POWER POLE		
	SANITARY MANHOLE		
	TREE (DIAMETER AS NOTED)		
	SMALL BUSH/TREE		
	CONTOUR MINOR		
	CONTOUR MAJOR		

**DISCLAIMER NOTE:**  
THIS DRAWING REFLECTS TYPICAL INFORMATION.  
SOME MAY NOT BE APPLICABLE TO THIS PROJECT.

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Randolph J. Notuch      10-2-2025  
Signature                                      Date

TOWN OF NEWBURGH  
WARRICK COUNTY, INDIANA

POWERS PLACE SANITARY SEWER  
UTILITY IMPROVEMENTS

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Designed By: RJN	Drawn By: JAJ	Checked By: DOF
Issue Date: 10-2-2025	Project No: S20076	Scale: AS SHOWN

## SYMBOLS, ABBREVIATIONS, AND LEGEND

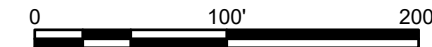
Drawing No:

**G03**





SCALE: 1"=100'-0"



CONTROL POINTS			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1	982810.72	2850942.89	5/8 rebar bent
2	982866.21	2850893.57	capped 5/8 rebar bent
3	982757.47	2851414.11	Half IN Pipe
4	982765.25	2851606.88	5/8 rebar

Project coordinates are based on the following:  
**HORIZONTAL**-US State plane coordinates: NAD83 (*North American Datum*) Indiana West Zone (1302)  
**VERTICAL**- USGS 1988 NAVD (*North American Vertical Datum*)-per GPS observations (Not verified by physical location of published USGS monuments)

**SHEET NOTES:**

1. CONTRACTOR SHALL VERIFY CONTROL POINT ELEVATIONS AGAINST A BENCHMARK (TBM) PRIOR TO USE IN THE EVENT THE CONTROL POINT HAS BEEN DISTURBED SUBSEQUENT TO THE SITE SURVEY BEING COMPLETED.

### UTILITY COLLECTION AND PROJECT DEPICTION OF EXISTING SUBSURFACE UTILITY DATA

UTILITY QUALITY LEVEL DESCRIPTIONS:

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.

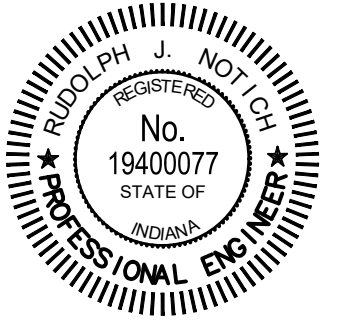
UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. THE RELIABILITY OF THIS INFORMATION IS SURVEYED TO PROJECT CONTROL AND SUBJECT TO ACCURACY LEVELS OF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

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

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.

PROJECT COLLECTION AND DEPICTION:

1. ALL UTILITIES DEPICTED AT QUALITY LEVEL B.
2. QUALITY LEVEL B TOLERANCE IS SUBJECT TO THE ACCURACY STANDARDS ESTABLISHED BY INDIANA CODE 8-1-26, AS LOCATED BY INDIANA 811 LOCATING SERVICE.

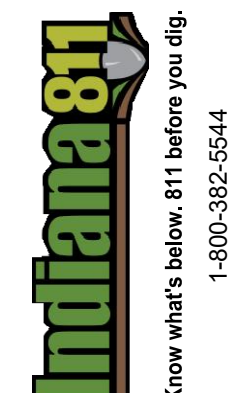


Randolph J. Notch      10-2-2025  
Signature                                      Date

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## SURVEY CONTROL PLAN

Drawing No:

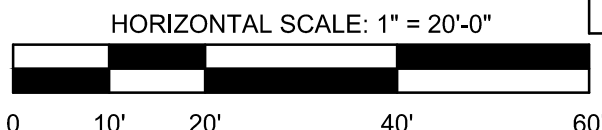
## G04

Sheet: 4 OF 9





- ## PROFILE -- LINE "A"





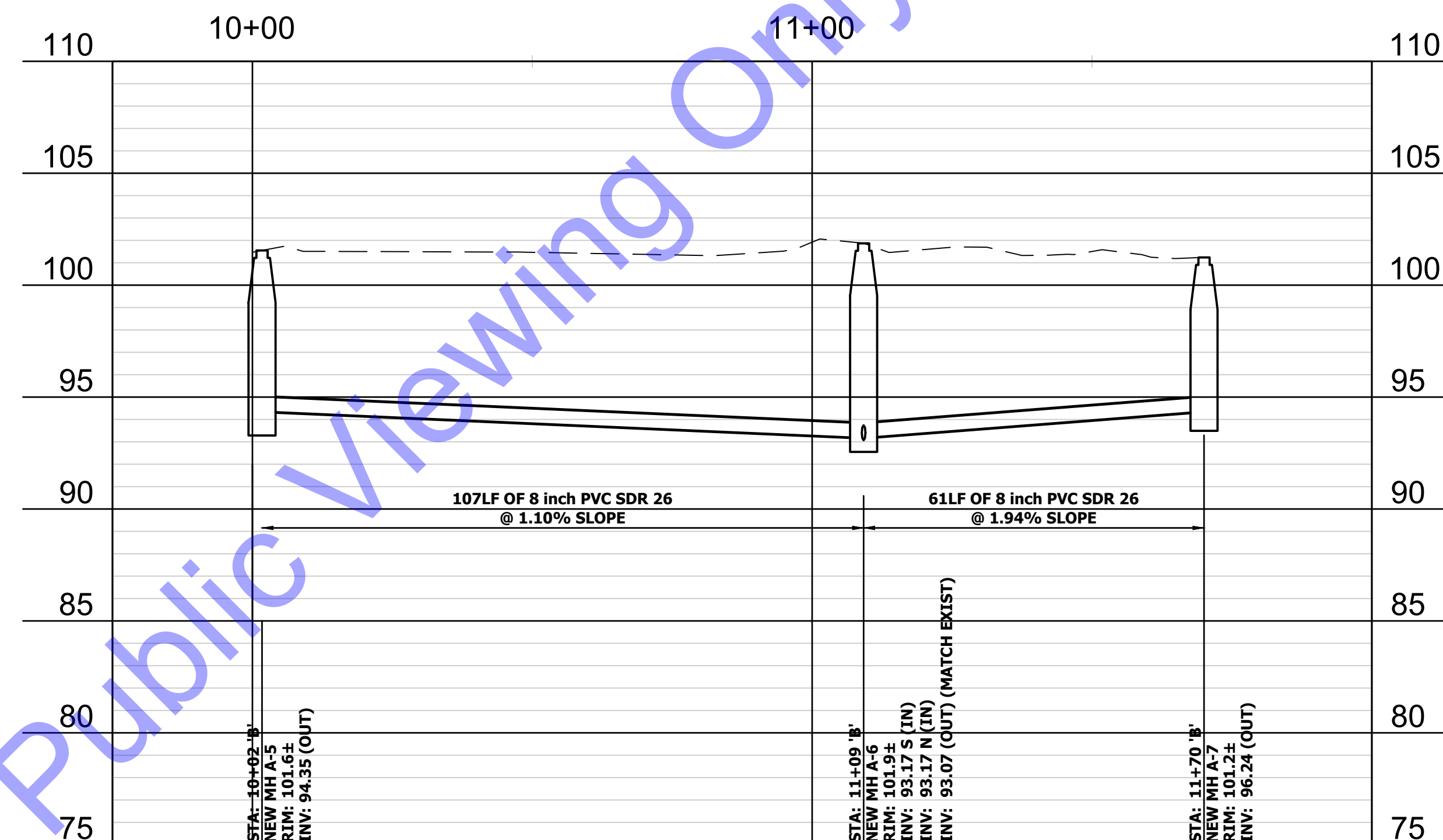
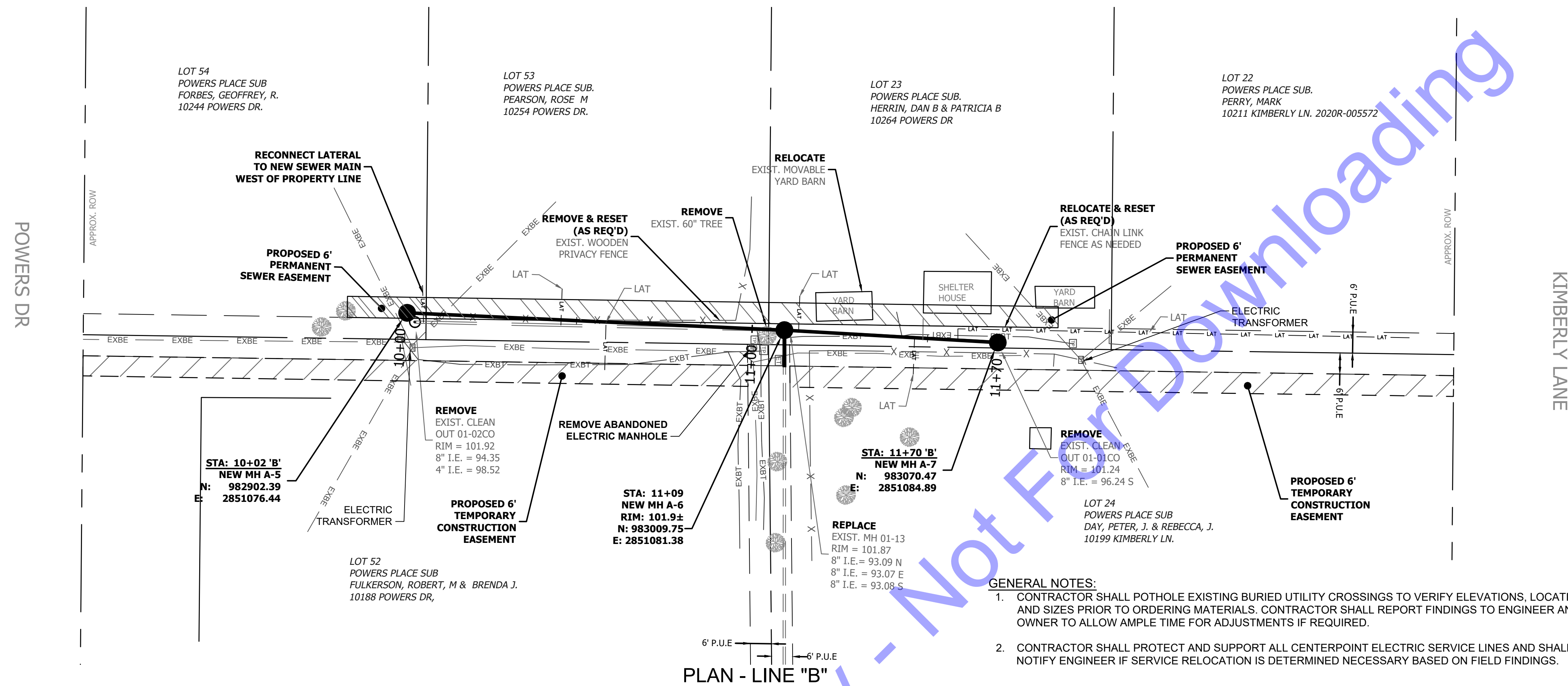
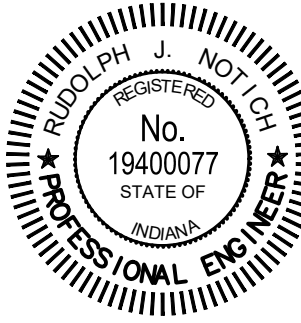
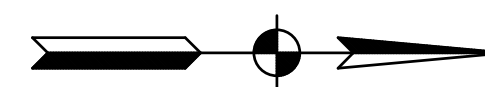


Fig. 3: SHAREDIN CLIENTS M-ZNEWBURGH/S20076 POWERS PLACE SS RELOCATION/06 CADA CURRENT FILES/1 DRAWINGS/02-PLAN AND PROFILE - NEWBURGH POWERS.DWG  
 Saved: 10/2/2025 11:26:38 AM Plotted: 10/2/2025 11:27:25 AM Current User: Brian Waterman LasSaveBy: bwaterman

Current User: Brian Waterman Last Saved By: bwaterman

Current User: Brian Waterman Last Saved By: bwaterman



Randolph J. Notch 10-2-2023  
Signature Date

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Know what's below. 811 before you dig.  
1-800-382-5544  
(ITS THE LAW)

[illegible]

Designed By: RJN	Drawn By: JAJ	Checked By: DOF
Issue Date: 10-2-2025	Project No: S20076	Scale: AS SHOWN

### PLAN AND PROFILE - LINE "B"

Drawing No:  
**PP2**

Sheet: 6 OF 9

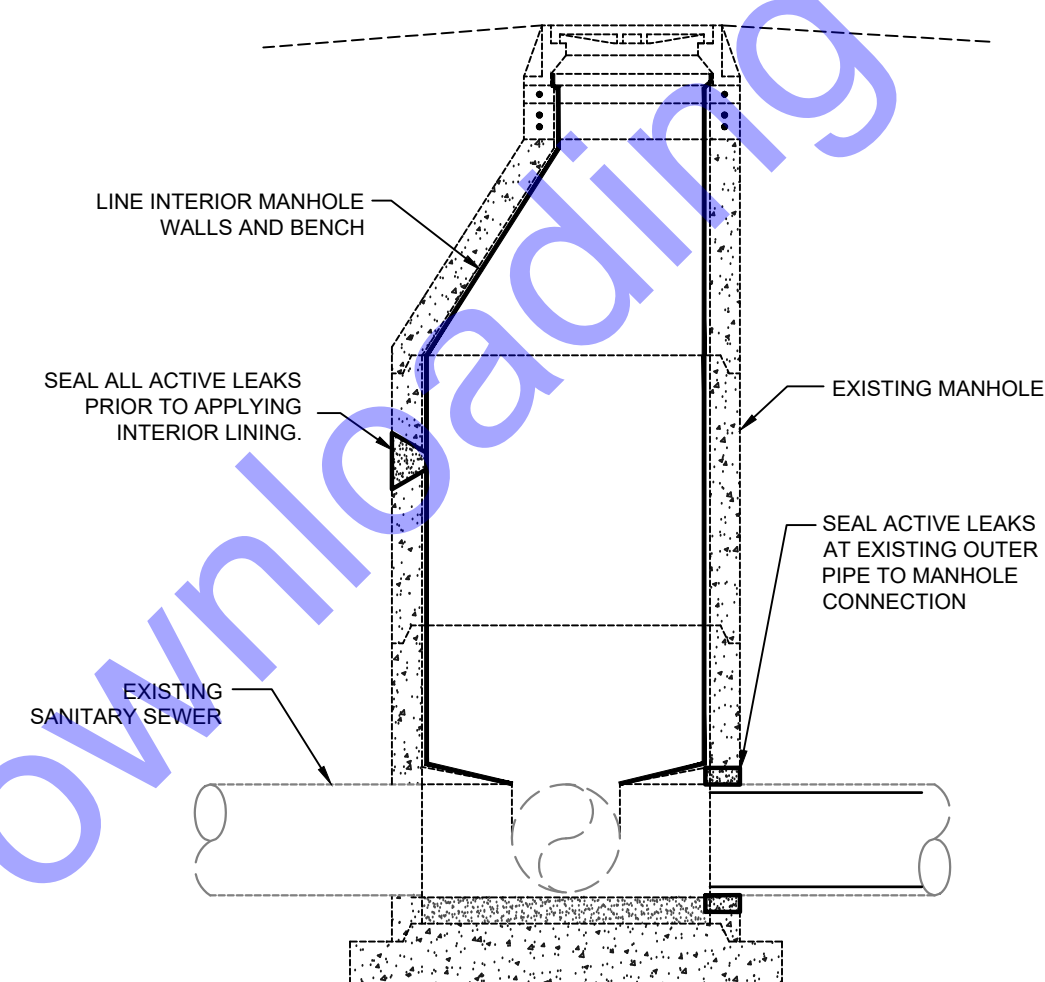
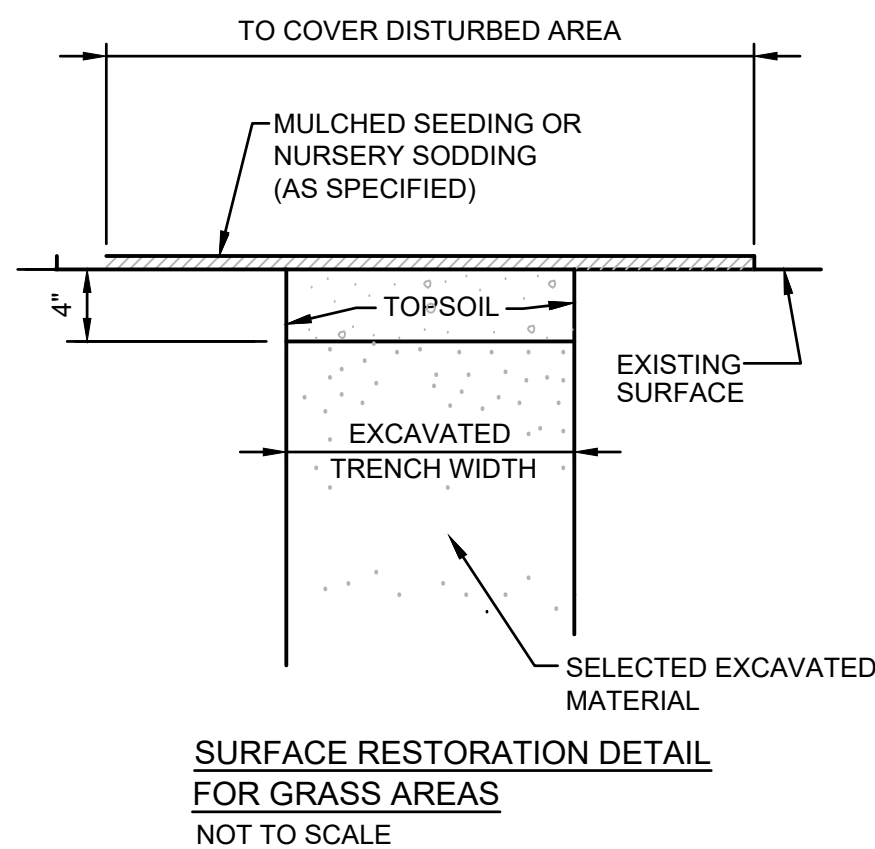






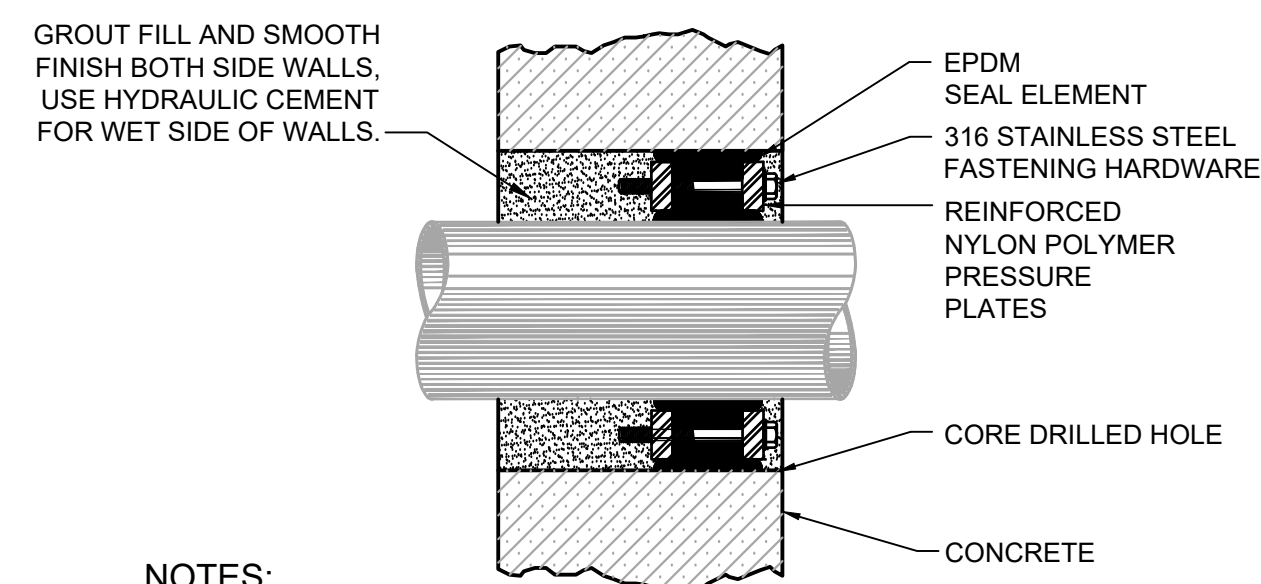






- GENERAL NOTES:
1. MANHOLE POINT REPAIR - INCLUDES REPAIRING LEAKS IN THE STRUCTURE.
  2. MANHOLE LINING - INCLUDES SEALING ANY ACTIVE LEAKS AND LINING THE MANHOLE, COST PER VERTICAL LINEAR FOOT.
  3. MANHOLE INVERT OPENING REPAIR - INCLUDES REPAIRING LEAKS AT THE EXISTING PIPE PENETRATIONS INTO THE MANHOLE.

EXISTING MANHOLE SEALING/LINING DETAIL  
NOT TO SCALE



- NOTES:**
1. ELECTROMETRIC ELEMENT AND LINK-SEAL APPARATUS REQUIRED COMPATIBLE FOR HIGH TEMPERATURE APPLICATIONS - FOR ALL LINES
2. ALL WALL PENETRATIONS (EXISTING WALLS) CONVEYING PIPE SHALL UTILIZE A LINK-SEAL EQUIVALENT, SHALL BE GROUTED SMOOTH, AND SHALL HAVE A BONDING AGENT APPLIED.

LINK SEAL WITH CORE DRILLED HOLE DETAIL  
NOT TO SCALE