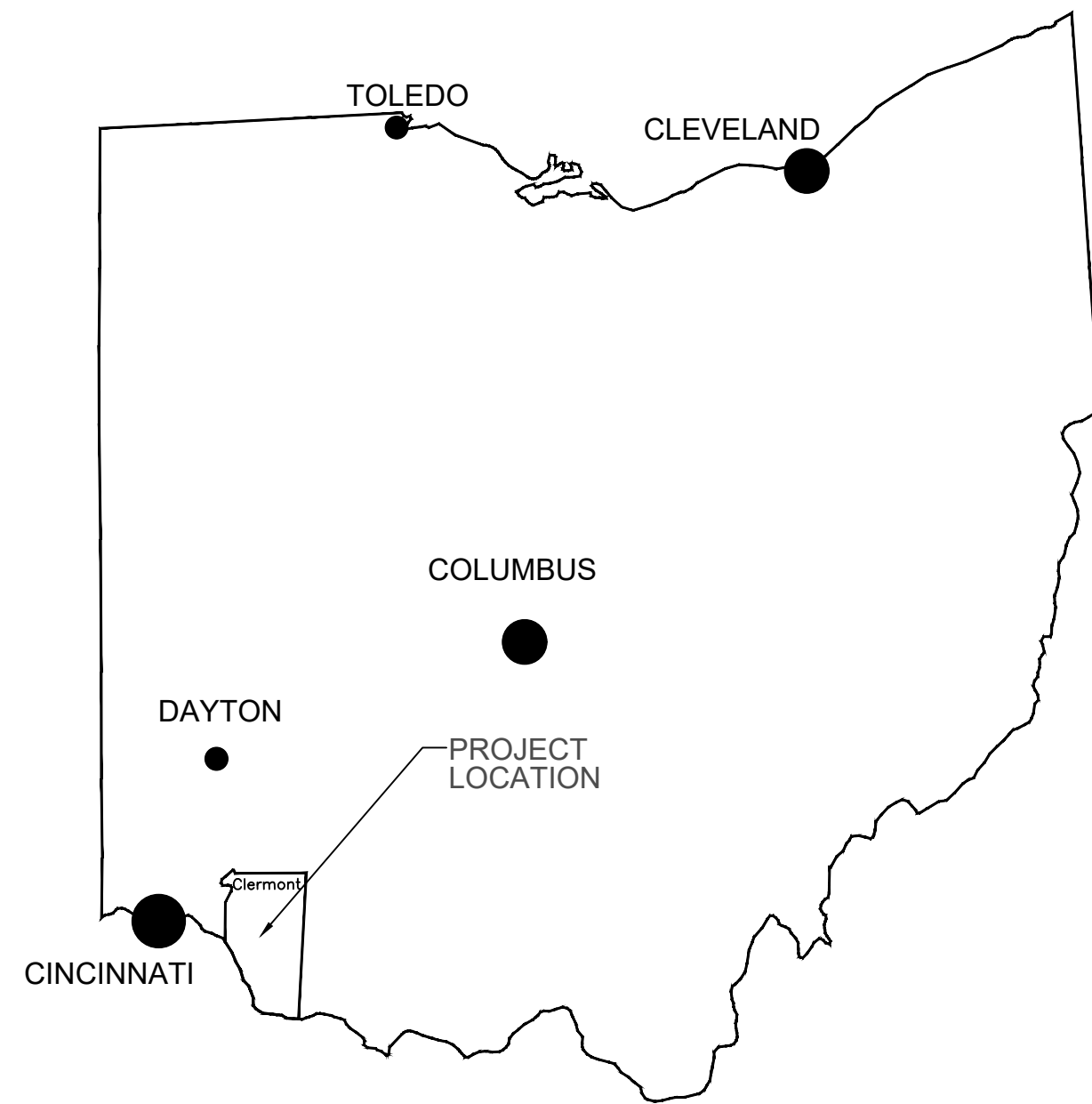
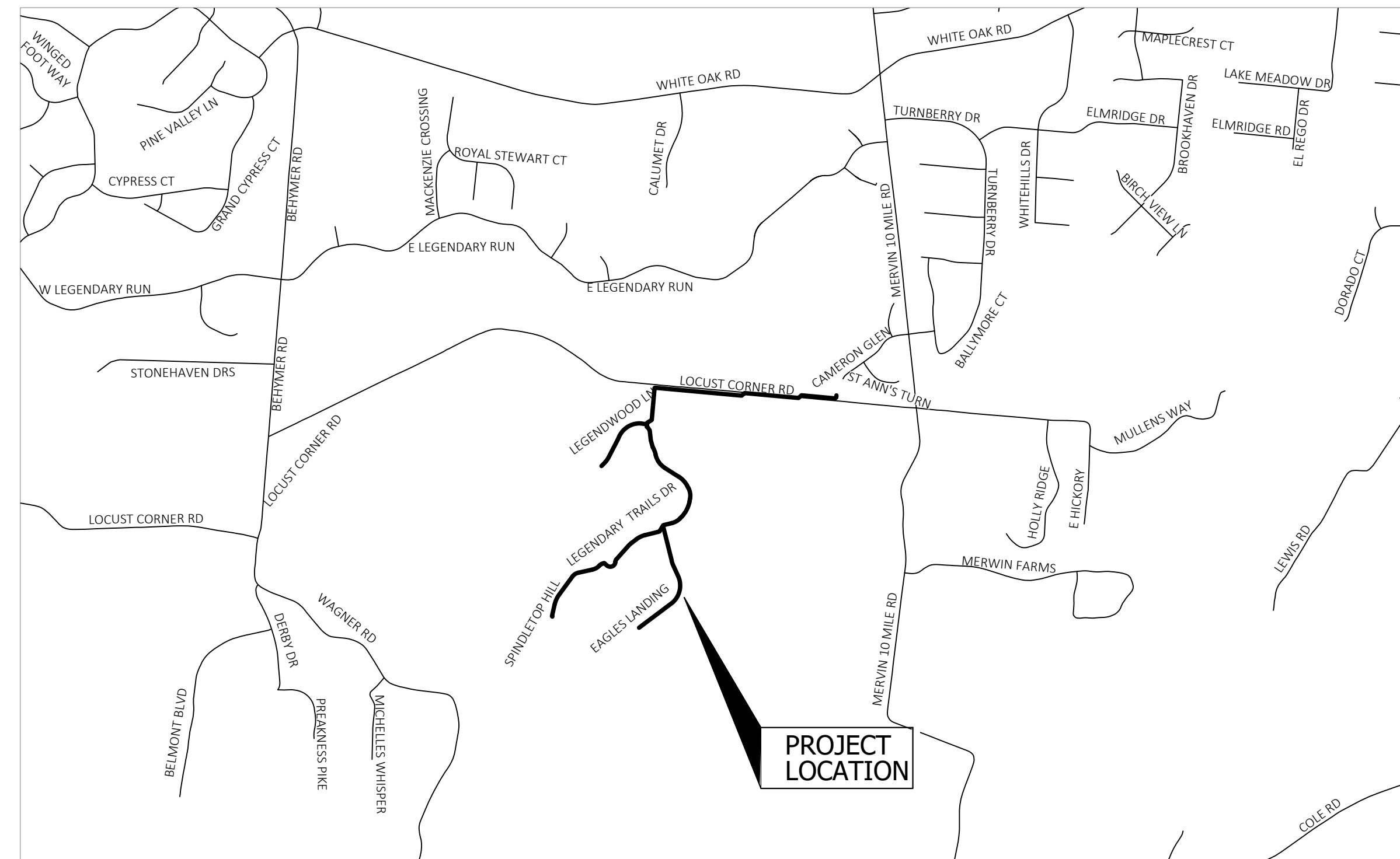
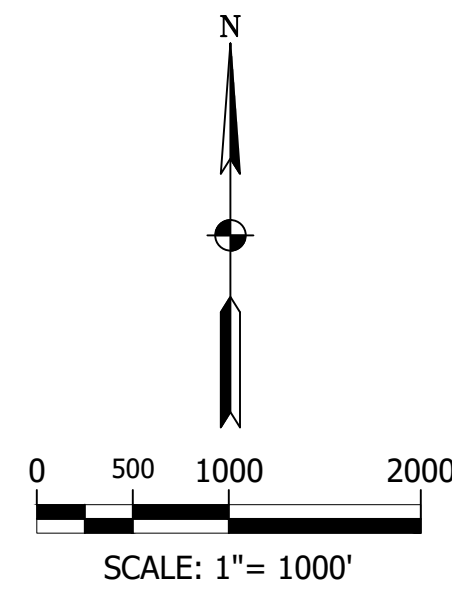


LEGENDARY TRAILS SANITARY SEWER COLLECTION SYSTEM PROJECT NUMBER 6402-60228



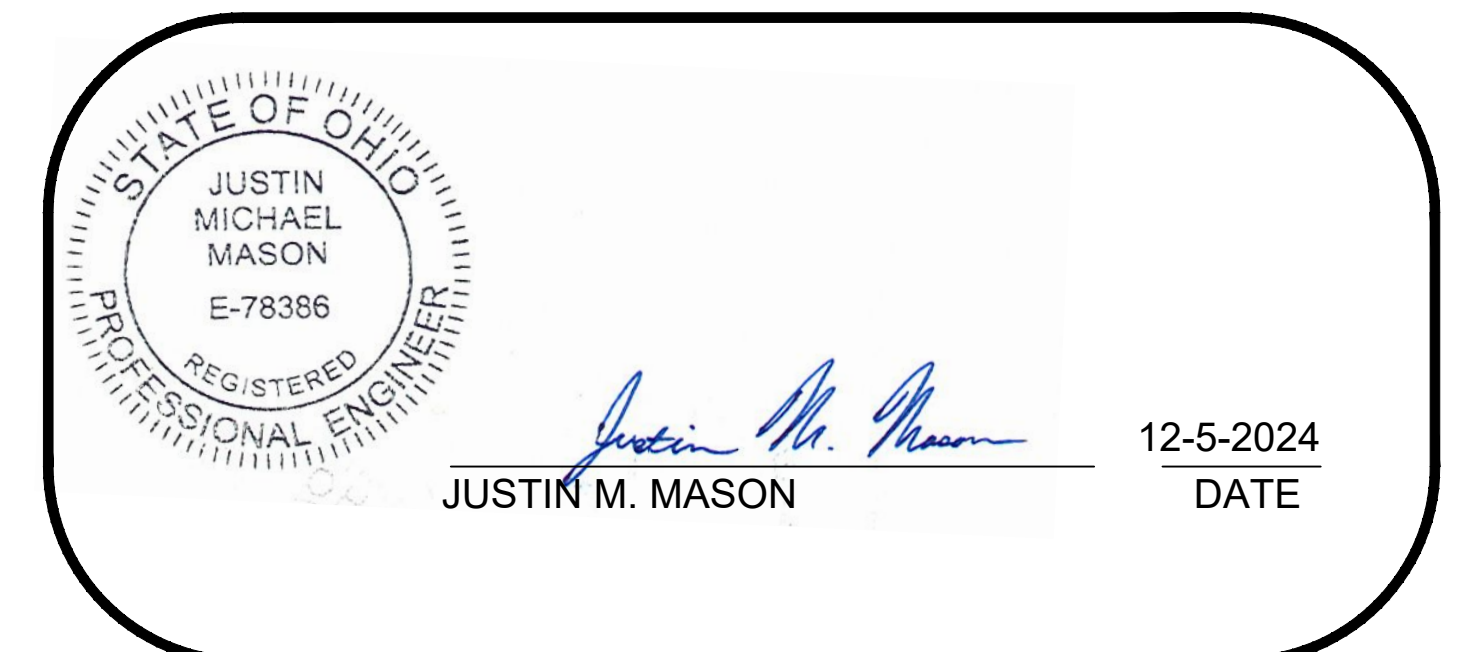
VICINITY MAP



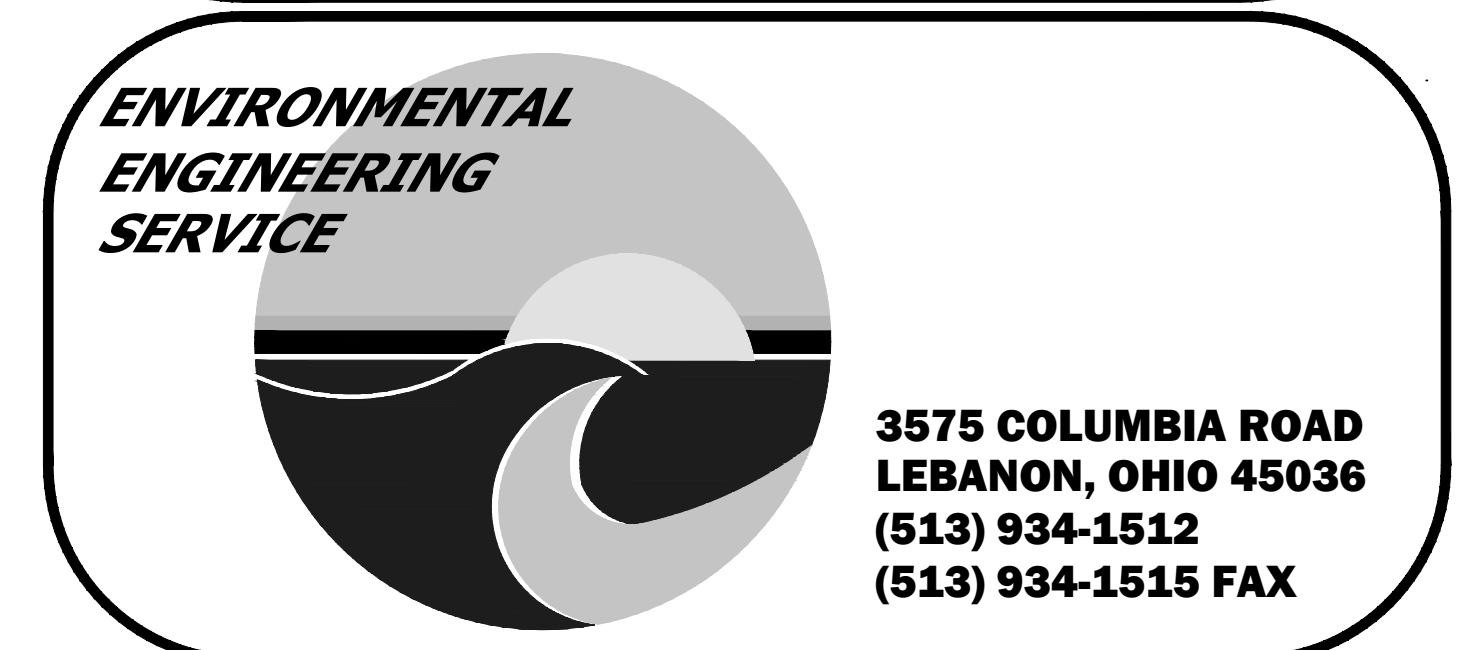
LOCATION MAP

SHEET LIST

0. COVER
1. GENERAL NOTES,
2. LEGEND & ABBREVIATIONS
3. SHEET INDEX
4. SITE PLAN
5. PLAN & PROFILE STA 1+00 TO STA 9+00
6. PLAN & PROFILE STA 9+00 TO STA 17+00
7. PLAN & PROFILE STA 17+00 TO STA 25+00
8. PLAN & PROFILE STA 25+00 TO STA 32+00
9. PLAN & PROFILE STA 32+00 TO STA 39+92
10. PLAN & PROFILE STA 50+00 TO STA 57+00
11. PLAN & PROFILE STA 75+00 TO STA 81+50
12. PLAN & PROFILE STA 81+50 TO STA 85+71
13. PLAN & PROFILE STA 100+00 TO STA 107+32
14. 3440 LEGENDARY TRAILS GRINDER PLAN
15. 3430 LEGENDARY TRAILS GRINDER PLAN
16. 1037 LEGENDWOOD LANE GRINDER PLAN
17. 3400 LEGENDARY TRAILS GRINDER PLAN
18. 3395 LEGENDARY TRAILS GRINDER PLAN
19. 3390 LEGENDARY TRAILS GRINDER PLAN
20. 3380 LEGENDARY TRAILS GRINDER PLAN
21. 3375 LEGENDARY TRAILS GRINDER PLAN
22. 3365 LEGENDARY TRAILS GRINDER PLAN
23. 3360 LEGENDARY TRAILS GRINDER PLAN
24. 3355 LEGENDARY TRAILS GRINDER PLAN
25. 3345 LEGENDARY TRAILS GRINDER PLAN
26. 3350 LEGENDARY TRAILS GRINDER PLAN
27. 3340 LEGENDARY TRAILS GRINDER PLAN
28. 3435 LEGENDARY TRAILS GRINDER PLAN
29. 1032 LEGENDWOOD GRINDER PLAN
30. 1022 LEGENDWOOD GRINDER PLAN
31. 1012 LEGENDWOOD GRINDER PLAN
32. 1002 LEGENDWOOD GRINDER PLAN
33. 1007 LEGENDWOOD GRINDER PLAN
34. 1017 LEGENDWOOD GRINDER PLAN
35. 1027 LEGENDWOOD GRINDER PLAN
36. 3370 LEGENDARY TRAILS PLAN
37. 1044 EAGLES LANDING GRINDER PLAN
38. 1029 EAGLES LANDING GRINDER PLAN
39. 1024 EAGLES LANDING GRINDER PLAN
40. 1014 EAGLES LANDING GRINDER PLAN
41. 994 EAGLES LANDING GRINDER PLAN
42. 999 EAGLES LANDING GRINDER PLAN
43. 1040 SPINDLETOP HILL GRINDER PLAN
44. 1030 SPINDLETOP HILL GRINDER PLAN
45. 1020 SPINDLETOP HILL GRINDER PLAN
46. 1010 SPINDLETOP HILL GRINDER PLAN
47. 1081 LOCUST CORNER RD GRINDER PLAN
48. GENERAL DETAILS 1
49. GENERAL DETAILS 2
50. GENERAL DETAILS 3
51. GENERAL DETAILS 4
52. EROSION CONTROL



PROJECT OWNER: CLERMONT COUNTY WATER RESOURCES DEPARTMENT
PROJECT ADDRESS: 3440 LEGENDARY TRAILS DRIVE (CENTRAL LOCATION OF PROJECT)



GENERAL NOTES

- EXISTING UTILITIES ARE SHOWN BASED ON AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION. THERE SHALL BE NO CLAIMS FOR EXTRA PAYMENT BASED UPON ACTUAL LOCATION OF ANY EXISTING UTILITIES.
- TYPES OF PAVEMENT SURFACES AS INDICATED ON THE PLANS REFER ONLY TO THE APPARENT SURFACE MATERIAL. THE CONTRACTOR SHALL VERIFY TO THEIR OWN SATISFACTION THE TYPE OF SURFACE AND BASE OF DRIVES PRIOR TO THE SUBMISSION OF BIDS. PAVEMENT REPLACEMENT SHALL CONSIST OF THE SAME TYPES OF SURFACE AND BASE MATERIAL AS REMOVED.
- WHEN A PIPE LINE HAS TO BE INSTALLED IN A "SPACE TIGHT AREA" (SUCH AS AREAS WITH LOW HORIZONTAL CLEARANCE NEAR/BETWEEN EXISTING STRUCTURES AND/OR EXISTING PIPE LINES), CONTRACTOR MAY PROVIDE TRENCH OPERATIONS BY BOTH MACHINERY AND MANUAL HAND DIGGING. THESE OPERATIONS SHALL BE PERFORMED AT NO ADDITIONAL COST.
- ALL DEWATERING FLOWS ARE TO BE SETTLED IN SILTATION BASINS OR DIRECTED THROUGH STRAW FILTERS, BEFORE DISCHARGE TO STABILIZED SITES, SUCH AS STREAMS, OR STORM SEWER; NOT ONTO EXPOSED SOILS, STREAM BANKS, OR ANY OTHER SITE WHERE THE FLOW COULD CAUSE EROSION. SEE EROSION CONTROL DETAILS SHEET.
- SILT FROM CONSTRUCTION OPERATIONS SHALL NOT BE PERMITTED TO ENTER THE STORM SEWER SYSTEM OR OTHER DRAINAGE WAYS. WHEN CONSTRUCTION OCCURS NEAR STORM SEWER INLETS, EROSION CONTROL MEASURES SUCH AS INLET FILTERS AND HAY BALES SHALL BE USED TO PREVENT SILT FROM ENTERING. SEE EROSION CONTROL DETAILS SHEET.
- ALL DISTURBED AREAS ARE TO BE REGRADED TO ORIGINAL CONTOURS, UNLESS OTHERWISE SHOWN ON THE PLANS.
- UNLESS INDICATED OTHERWISE, ALL DISTURBED AREAS ARE TO BE RESTORED BY MULCHING AND RESEEDING. IF FINAL GRADING CANNOT BE ACCOMPLISHED IMMEDIATELY, STRAW SPRAYED WITH ASPHALT COATING OR SOME OTHER TYPE OF MULCH IS TO BE APPLIED IMMEDIATELY, AND TEMPORARY SEEDING (WITHIN 15 DAYS) IS TO BE USED UNTIL LONG TERM RESTORATION CAN OCCUR.
- EXPOSED SOIL AREAS ARE TO BE KEPT TO A MINIMUM BY APPLICATION OF SOIL EROSION CONTROL MATERIALS SUCH AS STRAW SPRAYED WITH ASPHALT COATING.
- WATER, NOT OIL, WILL BE USED FOR DUST CONTROL DURING CONSTRUCTION OF ALL FACILITIES.
- TOPSOIL IS TO BE REPLACED AS PART OF FINAL GRADING.
- STOCKPILED TOPSOIL AND FILL MATERIALS ARE TO BE PROTECTED FROM EROSION BY TEMPORARY SEEDING AND ARE NOT TO BE STORED WITHIN 200 FEET OF ANY STREAM BANK.
- ALL MATERIALS TO BE DISPOSED OF OFF-SITE MUST BE DISPOSED OF IN AN ENVIRONMENTALLY SOUND FASHION AND IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. DUMPING OF CONSTRUCTION DEBRIS WITH PERMISSION BY AND ON A PRIVATE LAND OWNER'S PROPERTY MAY NOT BE ENVIRONMENTALLY ACCEPTABLE.
- ALL MOTORIZED EQUIPMENT MUST BE EQUIPPED WITH MUFFLERS AND INTAKE SILENCERS.
- EXISTING LIFT STATION AND SEWER MUST REMAIN IN OPERATION AT ALL TIMES. NO EXISTING EQUIPMENT/TANKS WILL BE TAKEN OFF LINE WITHOUT PRIOR APPROVAL OF OWNER. CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS NOTICE BEFORE ANY EQUIPMENT/TANKS WILL BE TAKEN OFF LINE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL UTILITY LINE CUTS THAT MAY OCCUR DURING CONSTRUCTION DUE TO ENCOUNTERING KNOWN OR UNKNOWN UTILITY LINES. REPAIRS SHALL BE COMPLETED AT NO ADDITIONAL COST AND SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER, THE OWNER, AND THE OWNER OF THE UTILITY.
- ALL CONTOUR LINES INDICATED ON THE DRAWINGS ARE APPROXIMATE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL INFORMATION AND EXISTING UTILITY LOCATIONS AT NO ADDITIONAL COST TO THE CONTRACT.
- CCWRD OBTAINS THE FOLLOWING PERMITS: OEPA PTI PERMIT, COUNTY ENGINEERS OFFICE R/W PERMIT, AND CLERMONT COUNTY BUILDING DEPARTMENT CONSTRUCTION PERMIT. THESE PERMITS ARE LOCATED IN SECTION C OF THE PROJECT SPECIFICATIONS. INSPECTIONS ASSOCIATED WITH THE PERMITS SHALL BE COORDINATED BY THE CONTRACTOR, INCLUDING THOSE REQUIRED TO OBTAIN FINAL COMPLETION AND OCCUPANCY CERTIFICATE FROM CLERMONT COUNTY BUILDING DEPARTMENT. ADDITIONAL FEES DUE TO RE-INSPECTIONS WILL BE BILLED TO THE CONTRACTOR. ALL OTHER PERMITS REQUIRED WILL BE THE CONTRACTOR'S RESPONSIBILITY.

- ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST RULES AND REGULATIONS OF THE CLERMONT COUNTY WATER RESOURCES DEPARTMENT FOUND AT WRD.CLERMONTCOUNTYOHIO.GOV. IT IS THE INTENT OF THESE CONSTRUCTION DRAWINGS AND SPECIFICATIONS TO DESCRIBE A COMPLETE FUNCTIONING SYSTEM IN ALL RESPECTS, WHETHER OR NOT EVERY SUB-ELEMENT OF THE TOTAL SYSTEM IS ACTUALLY DEFINED IN WRITING AND/OR DETAIL. PAYMENT TO THE CONTRACTOR(S) SHALL BE INFERRED TO COVER WORK AND MATERIALS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM SUCH THAT WHEN FINAL PAYMENT IS MADE, THE SYSTEM IS COMPLETELY OPERABLE AND FUNCTIONS IN ALL RESPECTS AS REQUIRED BY THE CONTRACT DOCUMENTS.
- THE WORK TO BE PERFORMED UNDER THESE SPECIFICATIONS INCLUDES FURNISHING ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO COMPLETE THE WORK CALLED FOR IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ELECTRIC, WATER, SANITARY FACILITIES AND WASTE DISPOSAL TO COMPLETE THE WORK.
- A SITE VISIT IS HIGHLY RECOMMENDED PRIOR TO SUBMISSION OF BID.
- THE EXISTING WATER MAIN AND SEWER IS SHOWN BASED ON FIELD SURVEYS AND THE BEST AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK.
- THE EXISTING WATER MAIN AND SEWER IS TO REMAIN IN SERVICE DURING CONSTRUCTION OF THE NEW SEWER MAIN.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE SUPPORT TO THE EXISTING UTILITY POLES, AS NECESSARY TO COMPLETE THE WORK CALLED FOR IN THE CONTRACT DRAWINGS AND SPECIFICATIONS.
- PAVEMENT: ALL PAVEMENT AND ROADWAY SURFACES DISTURBED BY THE CONTRACTOR, SHALL BE RESTORED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND IN CONFORMANCE WITH THE REGULATIONS OF THE GOVERNING AUTHORITY OF SAID ROADWAYS. IN THE ABSENCE OF SUCH REGULATIONS, THE RESTORATION SHALL BE IN ACCORDANCE WITH INSTRUCTIONS BY THE OWNER'S REPRESENTATIVE WITH THE OBJECTIVE OF RESTORING THE PAVING OR ROADWAY SURFACE TO THE ORIGINAL CONDITION OF SAME.
- RESTORATION: ALL RESTORATION OF THIS CONSTRUCTION PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO VIDEO TAPE AND PHOTOGRAPH ALL AREAS THAT WILL BE DISTURBED AS A RESULT OF THE CONSTRUCTION ACTIVITIES AND WILL DELIVER TO THE OWNER'S REPRESENTATIVE AN ELECTRONIC COPY (USB DRIVE) OF THE VIDEO TAPE AND PHOTOGRAPHS. ALL PICTURES SHALL BE LABELED WITH THE LOCATION WHERE TAKEN. NONCOMPLIANCE MAY RESULT IN THE CONTRACTOR'S LIABILITY FOR ALL DISPUTED PROPERTY RESTORATIONS.
- EROSION CONTROL: THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY TO COMPLETE THE WORK AS OUTLINED IN THESE DRAWINGS AND PROJECT SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CLERMONT COUNTY WATER MANAGEMENT AND SEDIMENT CONTROL REGULATIONS AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- UTILITIES: THE EXISTENCE, LOCATION, AND CONDITION OF UTILITIES AND STRUCTURES, BOTH ABOVE AND BELOW GROUND, SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. EXCAVATION IN THE VICINITY OF SUCH UTILITIES AND STRUCTURES, SHALL BE DONE CAREFULLY AND BY HAND IF NECESSARY. THE CONTRACTOR SHALL PROTECT ALL SUCH UTILITIES AND STRUCTURES, BOTH MARKED AND UNMARKED, AND BE HELD RESPONSIBLE FOR DAMAGE TO SAME. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ISOLATE, BRACE, SUPPORT, SHEET, ETC. AND PROTECT THE EXISTING UTILITIES FROM MOVING EITHER HORIZONTALLY OR VERTICALLY. IF SUCH MOVEMENT DOES OCCUR DUE TO THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THE UTILITY TO THE SATISFACTION OF THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL OWNERS OF ADJACENT UTILITIES, FIXTURES, AND/OR PROPERTY, OF THEIR IMPENDING OPERATIONS, BUT IN NO WAY SHALL SUCH NOTICE RELIEVE THE CONTRACTOR OF THEIR LIABILITY FOR DAMAGES TO SAID UTILITIES, FIXTURES, AND/OR PROPERTY. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION IN THE VICINITY OF SAID UTILITY. FIELD LOCATION SHALL BE MADE BY THE UTILITY OR ITS AUTHORIZED AGENCY BEFORE ANY WORK IS PERFORMED BY THE CONTRACTOR. IF AT ANYTIME DURING WORK, AN EXISTING UTILITY IS DAMAGED IN ANY WAY, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE APPROPRIATE GOVERNING ENTITY AND THE OWNER'S REPRESENTATIVE.
- TRACER WIRE: SEE SPECIFICATIONS FOR TRACER WIRE REQUIREMENTS. TRACER WIRE SHALL BE ATTACHED TO PROPOSED FORCE MAIN FOR THE ENTIRE LENGTH. TWO WIRES SHALL BE INSTALLED WITH TRACER WIRE ACCESS BOXES LOCATED EVERY 400' -500' AT POINTS OF EXCAVATION AND AT EACH END. TRACER WIRE BOXES SHALL BE INSTALLED AT FORCE MAIN SPLICE LOCATIONS OR WHERE EXCAVATION IS ALREADY BEING DONE TO INSTALL THE FORCE MAIN. LOCATIONS NEAR PROPOSED STRUCTURES SHALL HAVE THE TRACER WIRES ROUTED INTO THE STRUCTURE AND SECURED NEAR THE STRUCTURE ACCESS WITH EXTRA WIRE SECURED TO KEEP LOCATORS FROM ACCESSING THE STRUCTURES. TRACER WIRE BOXES WILL NOT BE NEEDED AT LOCATIONS NEAR THE PROPOSED STRUCTURES. CONTRACTOR TO CONFIRM LOCATIONS WITH THE COUNTY.

- POST CONSTRUCTION VIDEO: CONTRACTOR SHALL PROVIDE INTERNAL VIEW CCTV VIDEO OF EXISTING STORM SEWERS BEING CROSSED BY THE DIRECTIONAL DRILLED FORCE MAIN.
- PROPOSED FORCE MAIN IS INTENDED TO BE INSTALLED USING DIRECTIONAL DRILLED METHODS, BUT CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL OPEN CUT INSTALLATION METHODS NEEDED OR REQUIRED FOR THE INSTALLATION OF THE FORCE MAIN, GRAVITY SEWER, AND STRUCTURES. THE CONTRACTOR SHALL SUBMIT ANY ALIGNMENT CHANGES TO CCWRD. ALL ALIGNMENT CHANGES MUST BE APPROVED BY CCWRD AND THE ENGINEER PRIOR TO CONSTRUCTION. ALIGNMENT CHANGE REQUESTS SHALL BE SUBMITTED 72 HOURS PRIOR TO INSTALLATION.
- CONTRACTOR SHALL MAINTAIN DRIVEWAY AND PROPERTY ACCESS AT ALL TIMES. CONTRACTOR TO COORDINATE ANY REQUIRED TEMPORARY CLOSINGS WITH THE OWNER AND COUNTY 48 HOURS PRIOR TO ANY TEMPORARY CLOSURES. CONTRACTOR TO PROVIDE REQUIRED ACCESS.
- PROPOSED FORCE MAIN SHALL BE HDPE DR-11. SEE PLAN SHEETS FOR NOMINAL SIZE AND DIPS OR IPS INDICATIONS IN THE SPECIFICATIONS.
- ALL RIMS OF PROPOSED MANHOLES AND STRUCTURES MUST MATCH EXISTING PAVEMENT ELEVATIONS.
- WORK HOUR RESTRICTIONS IN SPECIFIC AREAS: WORK AT THE LIFT STATION FOR THE FORCE MAIN CONNECTION AND GENERATOR SHALL BE COMPLETED DURING TIME OF DRY WEATHER AND LOW SANITARY FLOW. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER.
- BASED ON THE PROJECT DESIGN, THE CONTRACTOR IS EXPECTED TO DISTURB LESS THAN 1 ACRE OF LAND ON THE TOTAL CONSTRUCTION SITE AREA. IF THE CONTRACTOR PLANS TO DISTURB, OR DISTURBS MORE THAN 1 ACRE OF LAND DURING THE CONSTRUCTION, CONTRACTOR SHALL APPLY FOR AND OBTAIN A NOTICE OF INTENT (NOI) TO BE COVERED UNDER THE OHIO EPA'S NPDES GENERAL PERMIT. CONTACT OHIO EPA FOR APPLICATION AND INFORMATION.
- CONTRACTOR TO NOTIFY CCWRD AT LEAST 3 DAYS PRIOR TO BEGINNING WORK.
- APPROXIMATE LIMITS OF PAVEMENT REPLACEMENT SAW CUT SHOWN ON DRAWINGS. ACTUAL LIMITS MAY VARY. REFER TO DETAIL FOR PAVEMENT REPAIR. LOCATIONS OF FORCE MAIN SPLICE CONNECTIONS ARE NOT SHOWN ON THE DRAWINGS. PAVEMENT REPAIR DETAIL WILL ALSO APPLY TO THESE LOCATIONS.
- AFTER SUCCESSFUL STARTUP OF THE GRINDER PUMP SYSTEM, THE CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSE OF SEWAGE IN THE EXISTING SEPTIC TANKS.
- REFER TO SPECIFICATION SECTIONS 1 AND 2 FOR REQUIRED PROPERTY OWNER COMMUNICATIONS DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE A PRECONSTRUCTION MEETING FOR ALL PROPERTIES BEING CONNECTED TO THE LOW-PRESSURE SYSTEM IN THIS PROJECT. REVIEW ELECTRIC, PLUMBING, AND GRINDER PUMP PLACEMENT, AND RESTORATION WITH THE PROPERTY OWNERS.
- ALL CASTING LIDS SHALL INDICATE "SEWER".
- ALL 3" & 4" DUCTILE IRON PIPE FITTINGS & VALVES SHALL HAVE A RESTRAINED JOINT CONNECTION.
- ALL 2" CONNECTIONS NOT FUSE WELDED SHALL USE A HYMAX GRIP RESTRAINED JOINT WITH PIPE STIFFENER.
- ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.
- SANITARY SEWAGE FROM EXISTING SEPTIC SYSTEMS CAN BE HAULED TO CCWRD MIDDLE EAST FORK WWTP SEPTAGE RECEIVING.

LOW-PRESSURE SEWER

- REFER TO SPECIFICATIONS SECTION SPECIAL 1 FOR LOW-PRESSURE SEWER.

GRINDER PUMP SYSTEM

- REFER TO SPECIFICATIONS SECTION SPECIAL 2 FOR GRINDER PUMP SYSTEMS.

EXISTING SEPTIC SYSTEM DECOMMISSIONING

- REFER TO SPECIFICATIONS SECTION SPECIAL 3 FOR EXISTING SEPTIC SYSTEM DECOMMISSIONING.

PROPERTIES REQUESTING SOD

INDIVIDUAL PROPERTIES REQUESTED THAT SEED AND STRAW NOT BE PLACED OVER TOPSOIL AND SOD BE PLACED INSTEAD. THIS INCLUDES THE AREAS ON THE PROPERTIES AND WITHIN THE RIGHT OF WAY UP TO THE EDGE OF PAVEMENT. IF SOD IS UNAVAILABLE DURING RESTORATION OF THE FOLLOWING PROPERTIES THEN CONTRACTOR WILL BE REQUIRED TO PERFORM WORK WHEN SOD IS AVAILABLE.

- 3375 LEGENDARY TRAILS
- 3365 LEGENDARY TRAILS
- 3355 LEGENDARY TRAILS
- 1014 EAGLES LANDING
- 999 EAGLES LANDING
- 994 EAGLES LANDING
- 1032 LEGENDWOOD LN

INTERIOR ALARMS

THE FOLLOWING INDIVIDUAL PROPERTIES REQUESTED THAT ZOELLER APAK INDOOR ALARM BE INSTALLED. PROVIDE WIFI ALARM OPTION IF AVAILABLE

- 1040 SPINDLETOP HILL



3575 Columbia Road
Lebanon, Ohio 45036
513-934-1912

Revisions	Date	Drawn By

Drawn by:	Checked by:	Approved by:	Code File Name:	GENERAL NOTES
KFR	ZM	JMM		
Date: 11/2023	Date: 03/22/24	Date: 03/25/24		

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

Scale
NONE

**GENERAL
NOTES**

SHEET NUMBER

1

LEGEND

	EXISTING	NEW
FORCE MAIN SANITARY	— SS — SS — SS —	=====
GRAVITY SANITARY SEWER	— W — W — W —	=====
WATER	— W — W — W —	=====
STORM	= = = = =	=====
ELECTRICAL	— E — E — E —	— E — E — E —
OVERHEAD UTILITY	— OU — OU — OU —	=====
UNDERGROUND ELECTRIC	— UE — UE — UE —	— UE — UE — UE —
UNDERGROUND TELEPHONE	— UT — UT — UT —	=====
UNDERGROUND TRAFFIC ELECTRIC	— TR — TR — TR —	=====
FENCE	— X — X —	=====
GAS LINE	— G — G — G —	=====
CENTERLINE	— — — — —	— — — — —
RIGHT-OF-WAY OR EASEMENT LINE	— — — — —	— — — — —
PROPERTY LINES	— — — — —	— — — — —
SURVEY CONTROL POINT	▲	▲
IRON PIN	⊙	⊙
FENCE POST	⊗	⊗
UTILITY POLE	⊙ OR ⊕	⊙
SANITARY MANHOLE	⊙	⊙
CLEANOUT	⊙	⊙
FIRE HYDRANT	⊙	⊙
BENCH MARK	▲	▲
CHECK VALVE	Z	Z
PLUG VALVE	X	X
GATE VALVE	X	X
BALL VALVE	⊙	⊙
BUTTERFLY VALVE	Z	Z
SOIL BORING	⊙	⊙
MAIL BOX	MB	MB
CLEAN OUT	⊙	⊙
GUARD POST	⊙	⊙
WATER METER	⊙	⊙
CATCH BASIN	□	□
ELECTRIC BOX	□	□
ELECTRIC METER	⊙	⊙
IRRIGATION VALVE	⊙	⊙
STORM MANHOLE	⊙	⊙
WATER VALVE	⊙	⊙
PHOTO REFERENCE (SEE SPECIFICATION APPENDIX)	①	①

GRAVEL		
CONCRETE		
ASPHALT		
DETAIL DESIGNATION	SEE XXXX DETAIL SHEET XX	SEE XXXX DETAIL SHEET XX
SECTION CUT DESIGNATION	 DIRECTION SECTION LOOKING	 SECTION DESIGNATION
DEMOLITION DESIGNATION		

ABBREVIATIONS

PIPE NOMENCLATURE	VALVE NOMENCLATURE	GENERAL ABBREVIATIONS
BF BLIND FLANGE	CV CHECK VALVE	ASS'Y ASSEMBLY
C.O. CLEANOUT	FL FLANGED	ALT ALTERNATE
DIP DUCTILE IRON PIPE	FCA FLANGED COUPLING ADAPTER	BLDG BUILDING
ELL ELBOW	GV GATE VALVE	CAP CAPACITY
FM FLOW METER	NO NORMALLY OPEN	CCWRD CLERMONT CO. WATER RESOURCES
FRP FIBERGLASS REINFORCED PLASTIC	MJ MECHANICAL JOINT	C/R CENTERLINE
HDPE HIGH DENSITY POLYETHYLENE	PV PLUG VALVE	CONC CONCRETE
INV INVERT		DIA DIAMETER
LR LONG RADIUS		EF EACH FACE
PVC POLYVINYL CHLORIDE		EW EACH WAY
PE PLAIN END		ELEC ELECTRIC
RED REDUCER		ELEV ELEVATION
		EOP EDGE OF PAVEMENT
		EX or EXIST EXISTING
		FCA FLANGED COUPLING ADAPTER
		EPA ENVIRONMENTAL PROTECTION AGENCY
		FT FEET
		GA GAUGE
		gpd GALLONS PER DAY
		GWT GROUNDWATER TABLE
		HP HORSEPOWER
		HWL HIGH WATER LEVEL
		INF INFLUENT
		ID INSIDE DIAMETER
		HOR HORIZONTAL
		LF LINEAR FEET
		MAX MAXIMUM
		MG MILLION GALLONS
		MGD MILLION GALLONS PER DAY
		MIN MINIMUM
		MH MANHOLE
		NPW NON-POTABLE WATER
		N.T.S. NOT TO SCALE
		O.C. ON CENTER
		ODNR OHIO DEPARTMENT OF NATURAL RESOURCES
		ODOT OHIO DEPARTMENT OF TRANSPORTATION
		PS PUMP STATION
		PSF POUNDS PER SQUARE FOOT
		PSI POUNDS PER SQUARE INCH
		REIN REINFORCED
		RQ'D REQUIRED
		SS STAINLESS STEEL OR SANITARY SEWER
		SCH SCHEDULE
		STRM STORM
		SWD SIDE WATER DEPTH
		TYP TYPICAL
		TOW TOP OF WALL
		T&B TOP AND BOTTOM
		VERT VERTICAL
		WL WATER LEVEL
		WTR WATER
		WWF WELDED WIRE FABRIC

2 WORKING DAYS

BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE



Revisions	Date

Drawn by:	Checked by:	Approved by:
GWA	ZM	JMT
Date: 11/2023	Date: 03/22/24	Date: 03/25/24

GENERAL NOTES

LEGENDARY TRAILS
 SAN. SEWER COLL. SYSTEM
 PROJECT No. 6402-60228

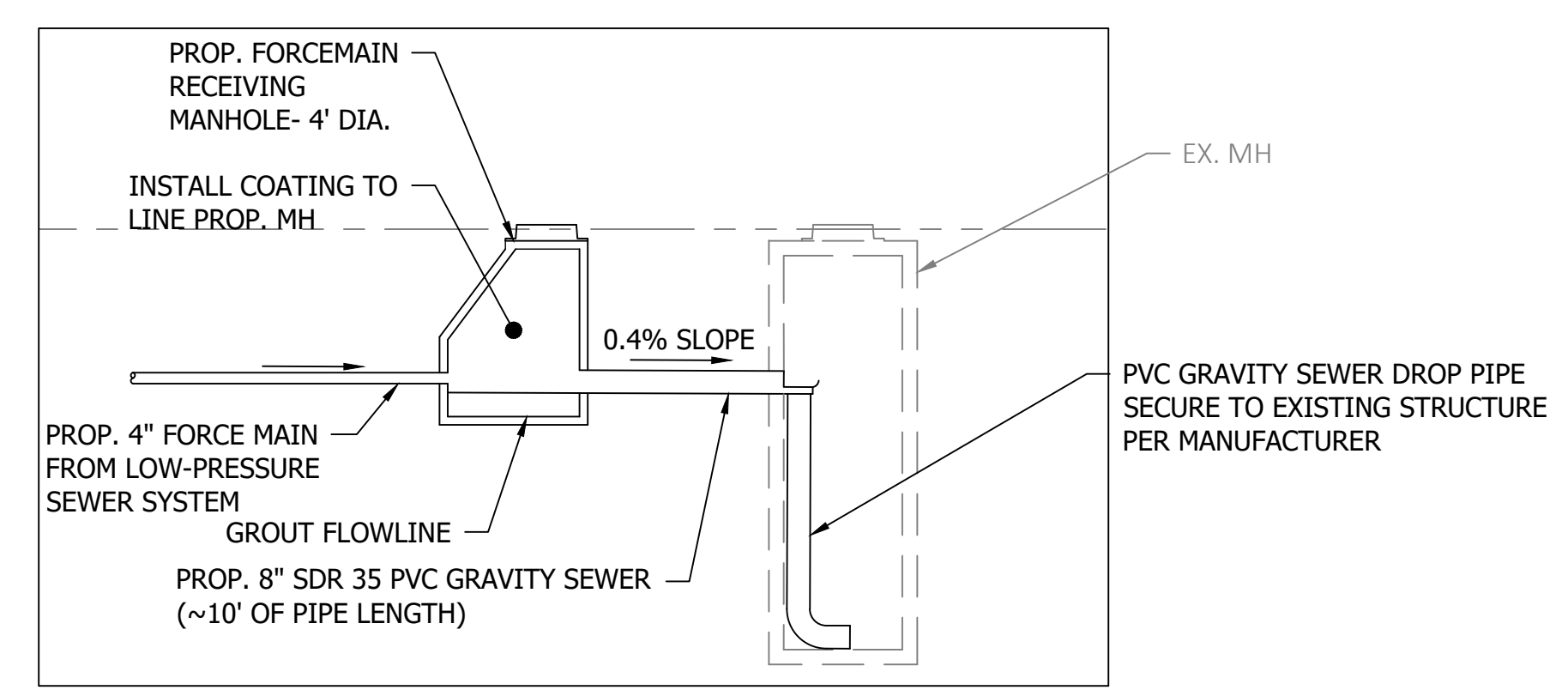
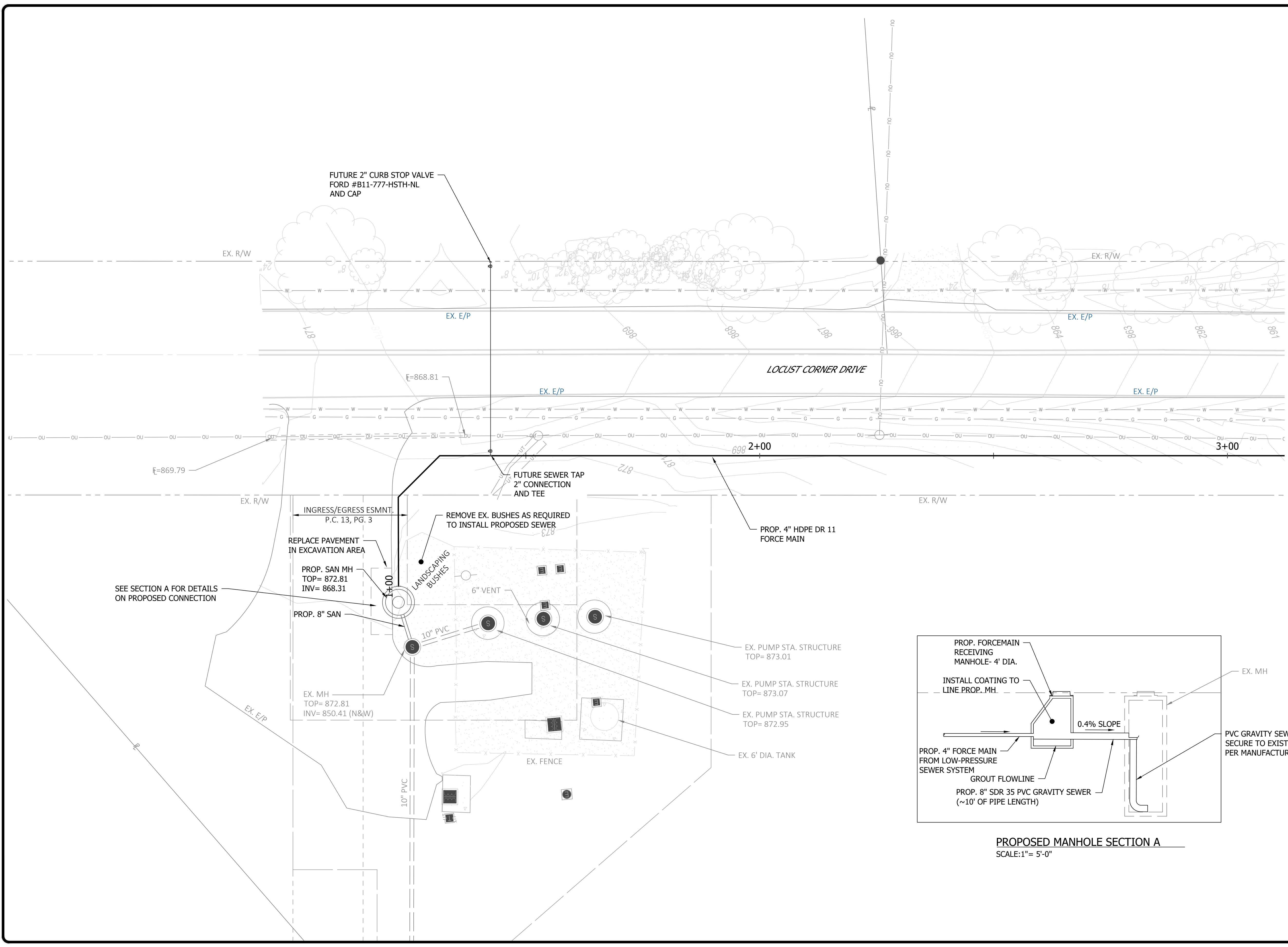
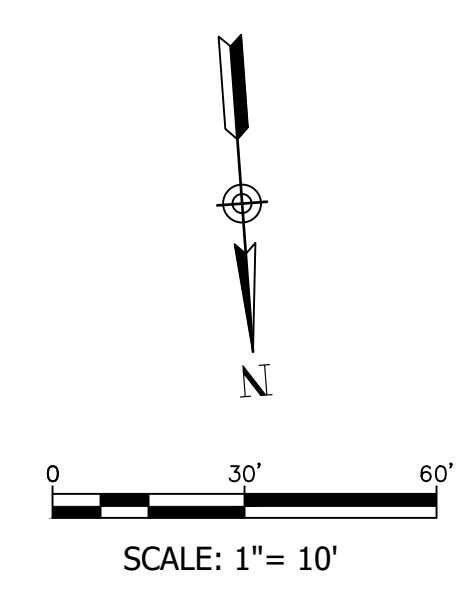
CLERMONT COUNTY
 OHIO

Scale
NONE

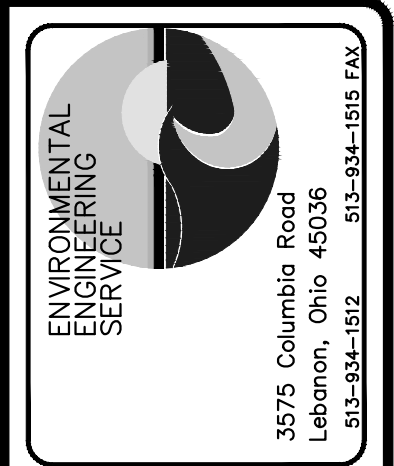
LEGEND & ABBREVIATIONS

SHEET NUMBER
2

03-Site Plan.dwg



PROPOSED MANHOLE SECTION A
SCALE: 1" = 5'-0"



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Job No.:		Job Name:	Site Plan

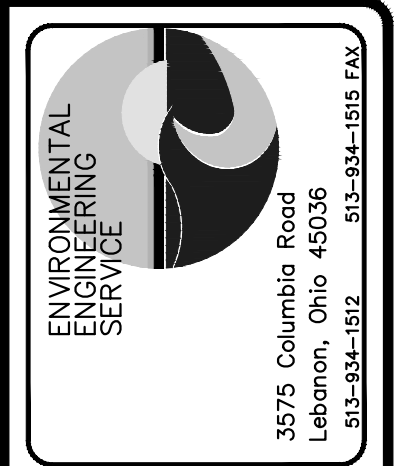
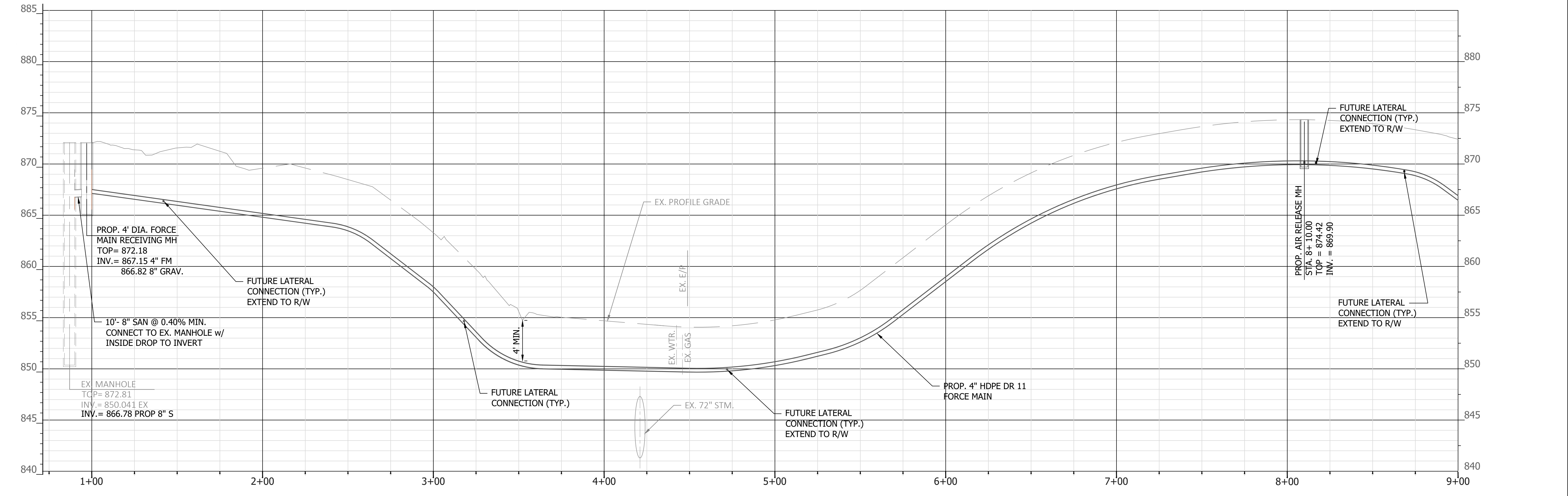
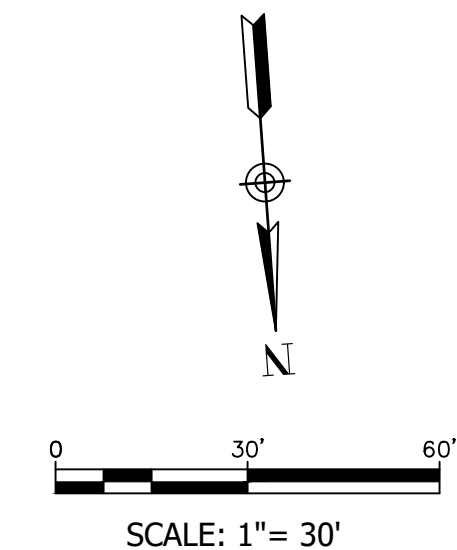
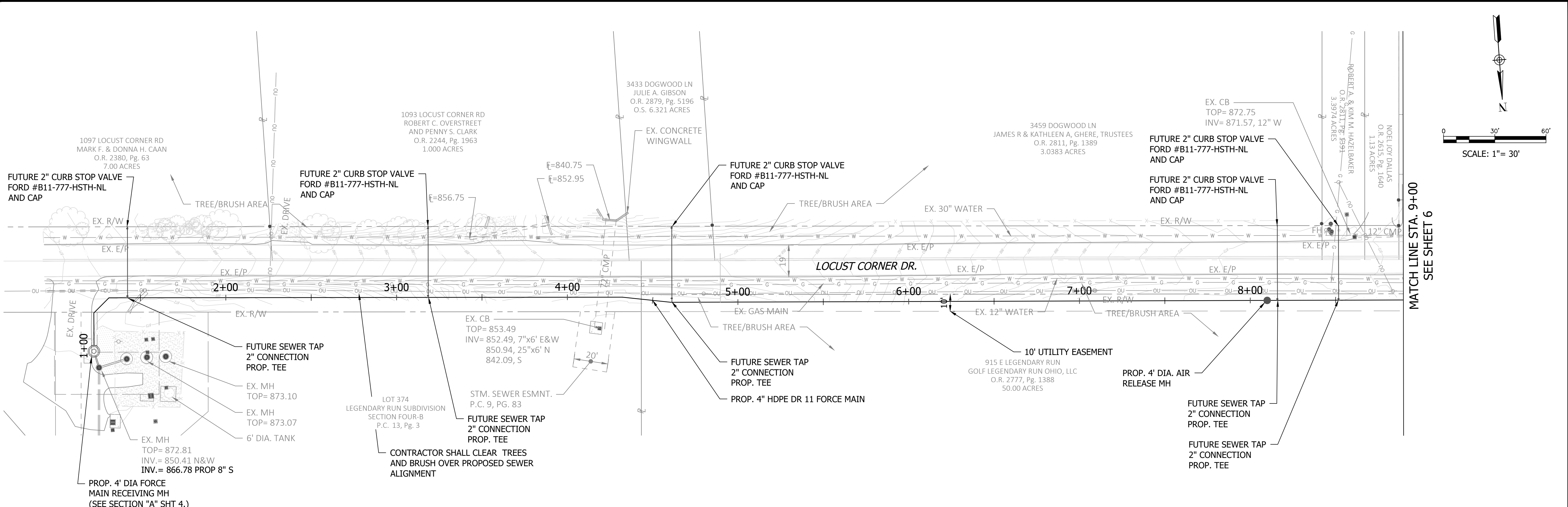
**LEGENDRAY TRAILS
SAN SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
AS NOTED

**SITE
PLAN**

SHEET NUMBER
4



Revisions	Date	Drawn By

Drawn by:	GWA	Date:	10/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cell File Name:	LCR-PnP		

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

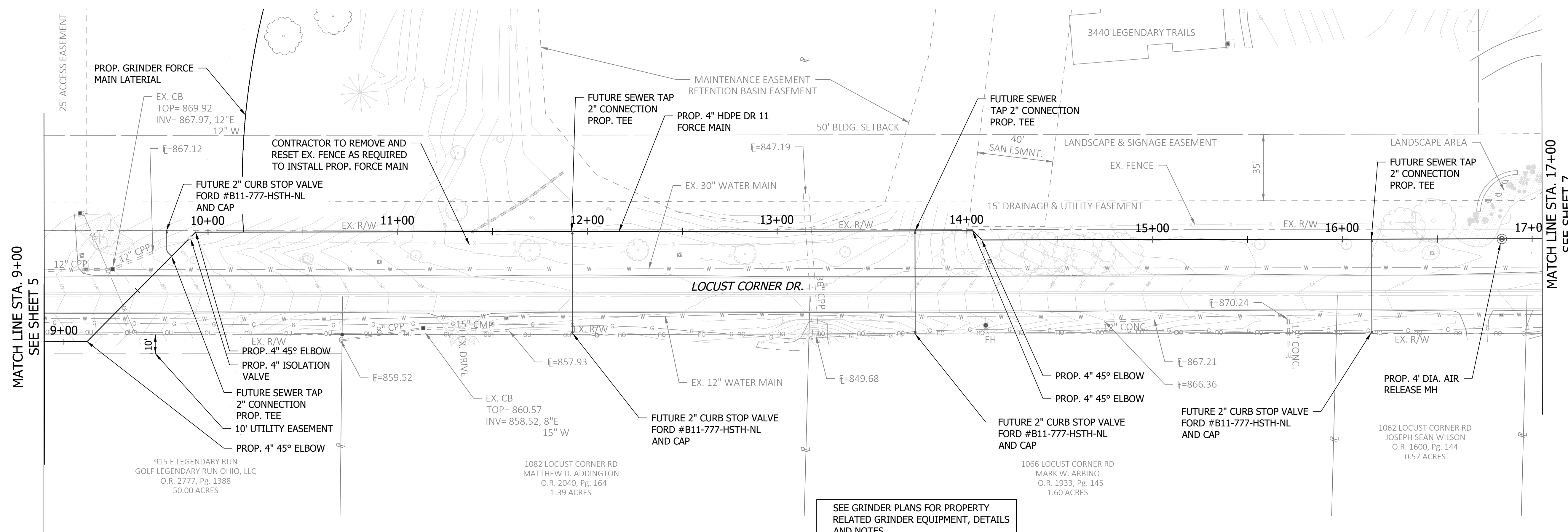
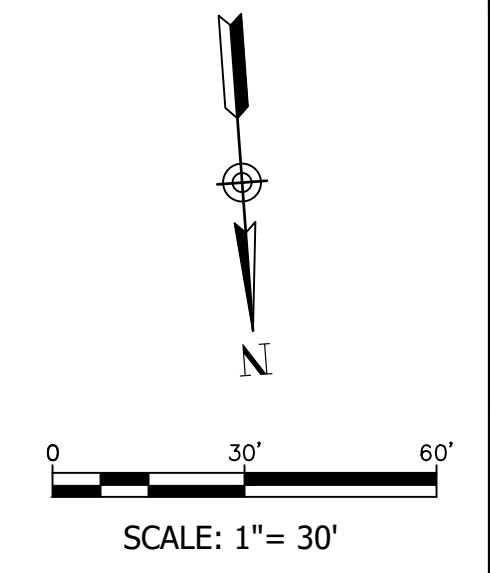
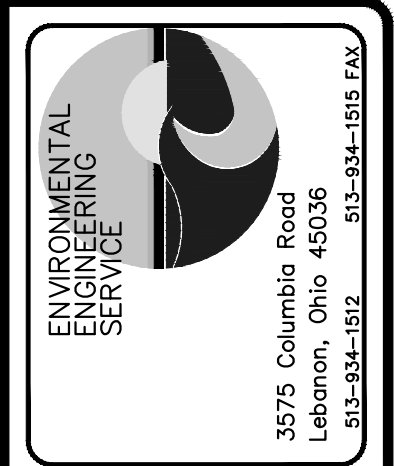
**CLERMONT COUNTY
OHIO**

Scale
1" = 30'

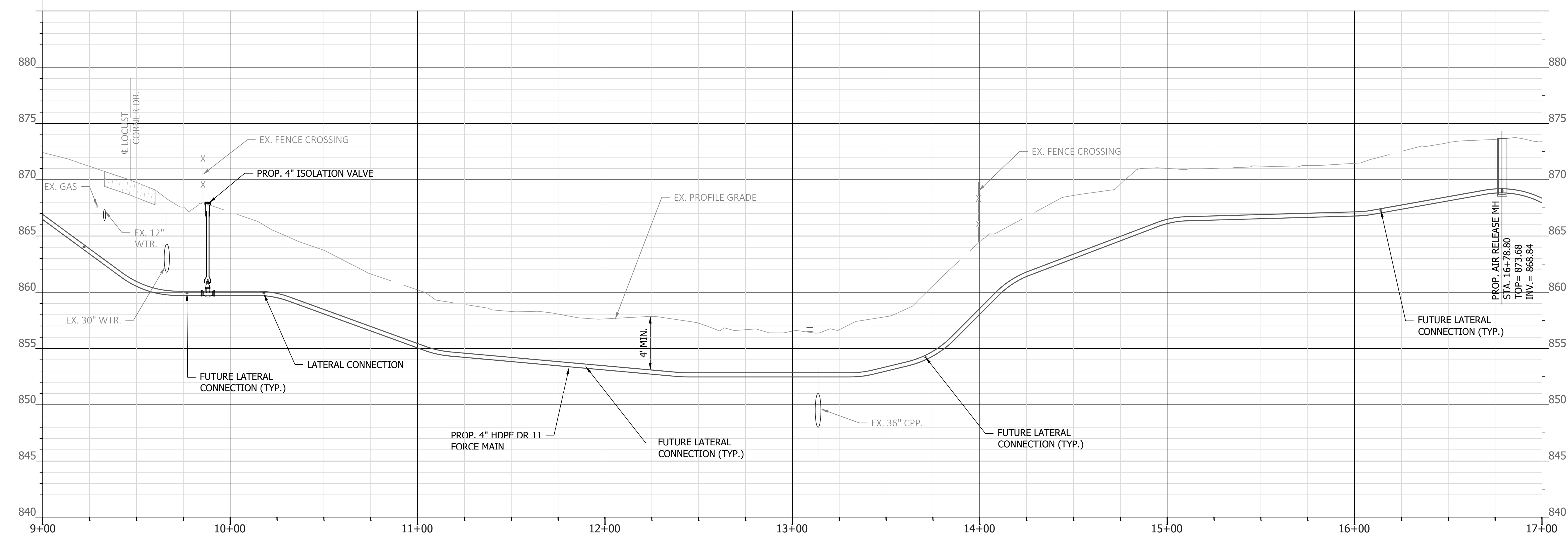
**PLAN AND PROFILE
LOCUST COR.
STA. 1+00
TO
STA. 9+00**

SHEET NUMBER
5

LCR-PnP.dwg



SEE GRINDER PLANS FOR PROPERTY RELATED GRINDER EQUIPMENT, DETAILS AND NOTES.



Revisions	Date	Drawn By

Drawn by:	GWA	Date:	11/20/23
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	LCR-PnP		

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

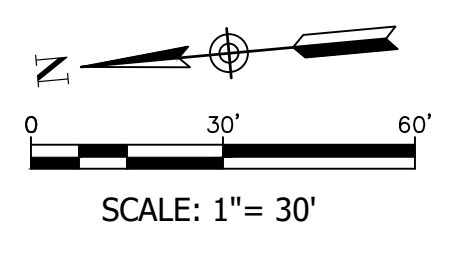
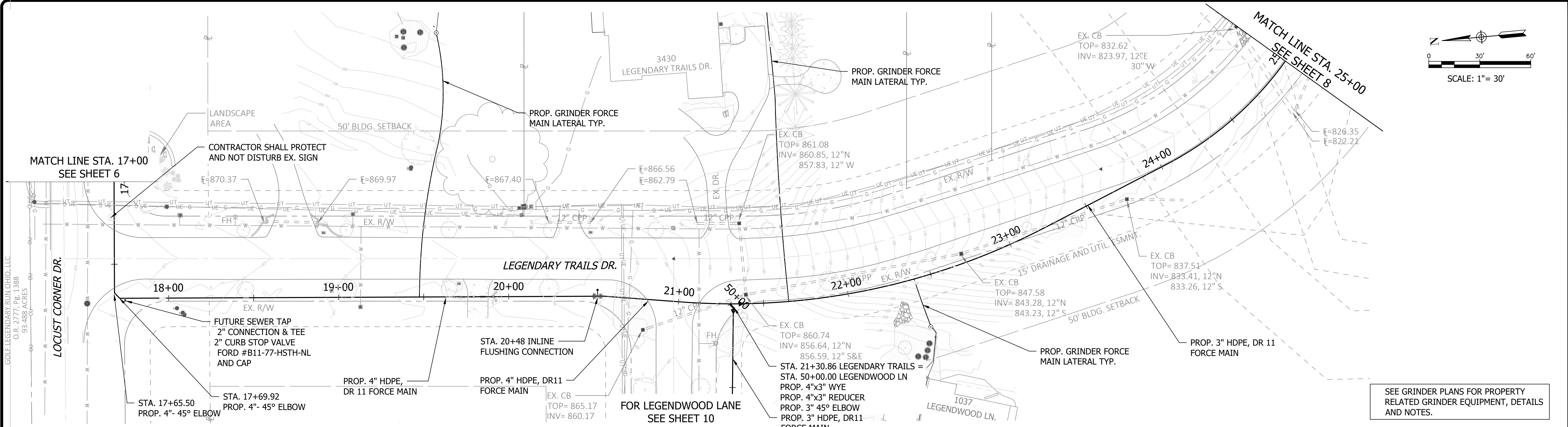
CLERMONT COUNTY
OHIO

Scale
1" = 30'

**PLAN AND PROFILE
LOCUST COR.
STA. 9+00
TO
STA. 17+00**

SHEET NUMBER
6

LCR-PnP.dwg

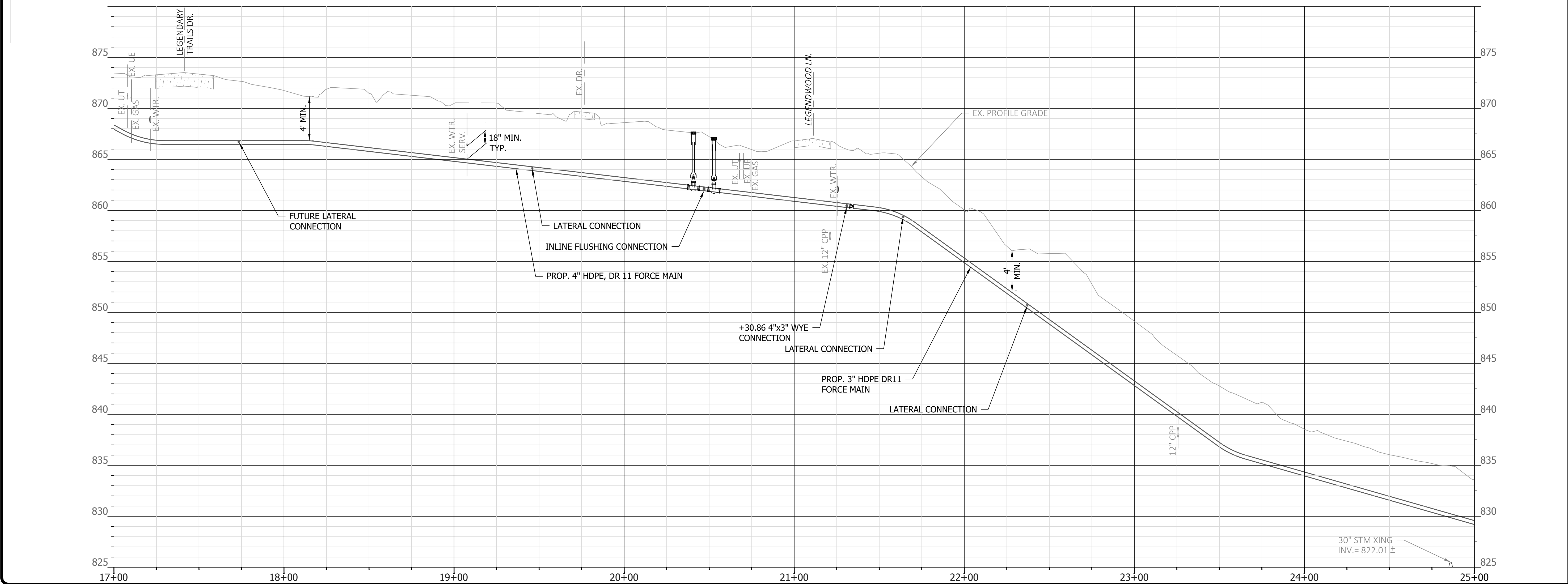


ENVIRONMENTAL ENGINEERING SERVICE
 3575 Columbia Road
 Lebanon, Ohio 45036
 513-834-1512 513-834-1515 FAX

Revisions	Date	Drawn By

Drawn by:	GWA	Date:	10/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Job File Name:	LTS-PnP		

SEE GRINDER PLANS FOR PROPERTY RELATED GRINDER EQUIPMENT, DETAILS AND NOTES.



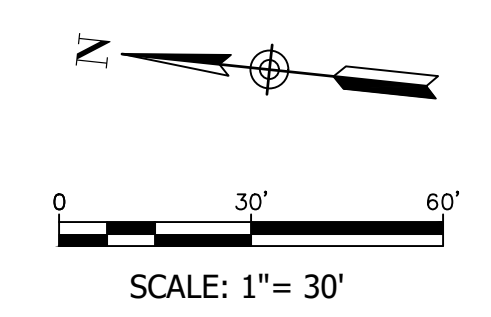
**LEGENDARY TRAILS
 SAN. SEWER COLL. SYSTEM
 PROJECT No. 6402-60228**
 CLERMONT COUNTY
 OHIO

Scale
1" = 30'

**PLAN AND PROFILE
 LEGENDARY TRAILS DR.
 STA. 17+00
 TO
 STA. 25+00**
 SHEET NUMBER
7

GOLI LEGENDARY TRAILS, LLC
 O.R. 27777, Pg. 1388
 93.488 ACRES

LTS-PnP.dwg



Revisions	Date	Drawn By

Drawn by:	GWA	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Job File Name:	LTS-P1P		

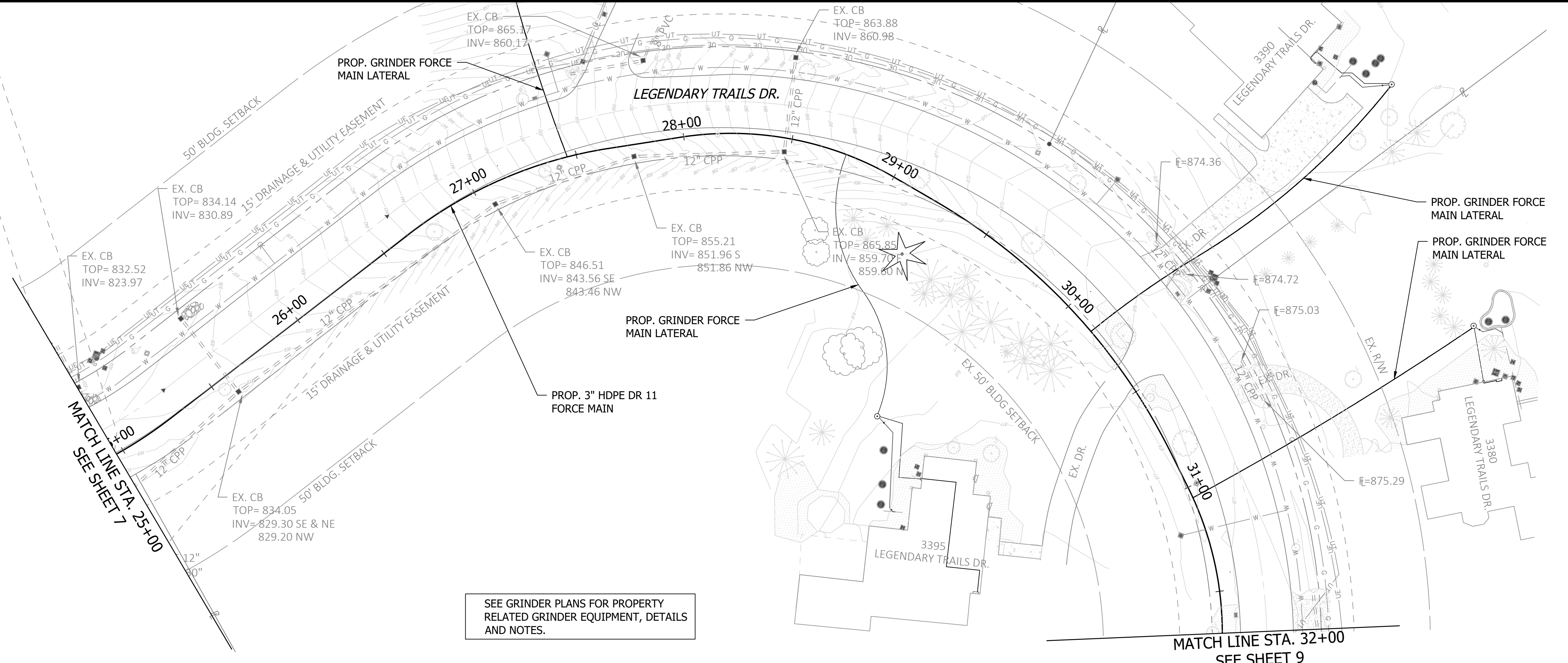
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

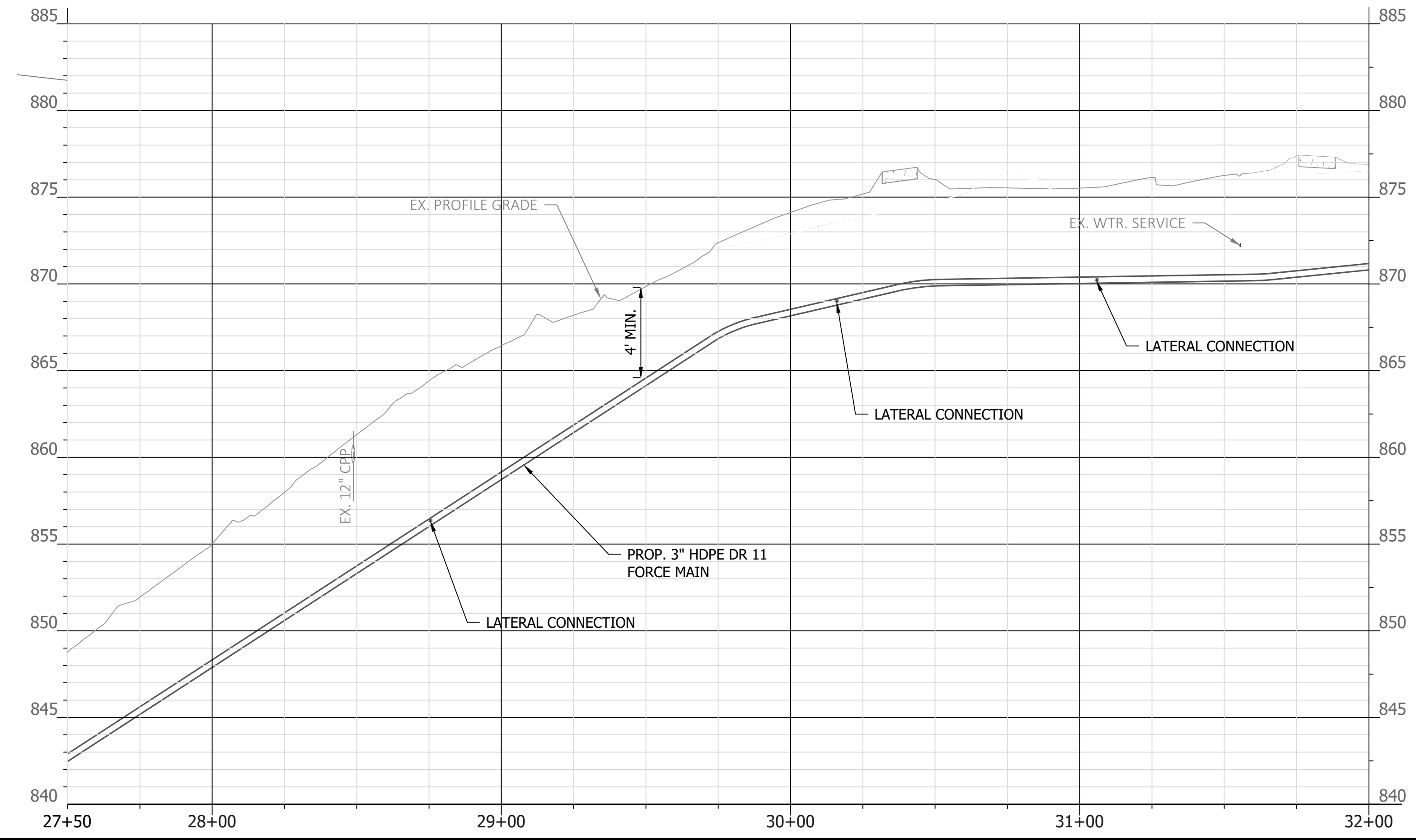
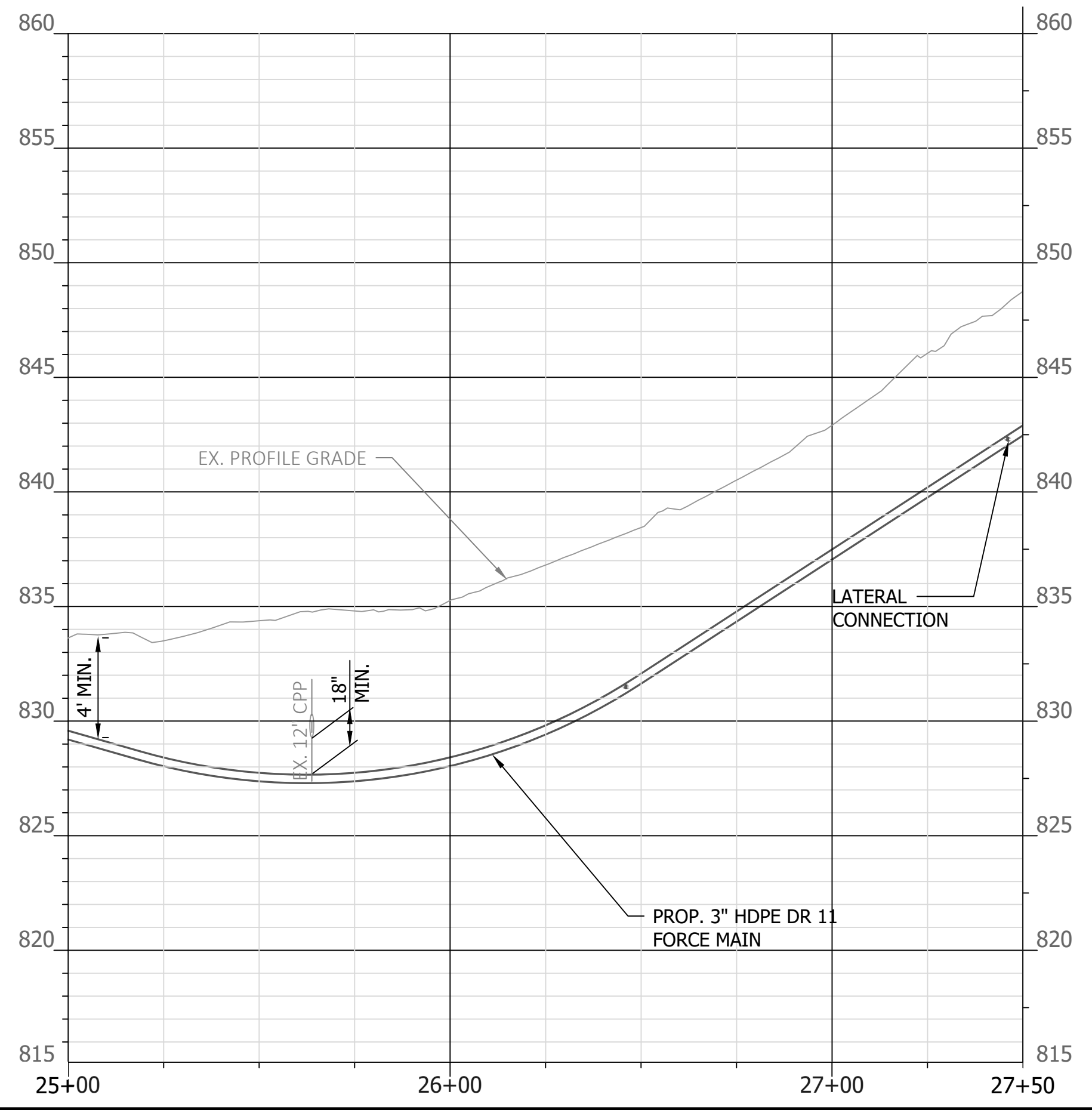
Scale
1" = 30'

**PLAN AND
PROFILE
LEGENDARY
TRAILS DR.
STA. 25+00
TO
STA. 32+00**

SHEET NUMBER
8

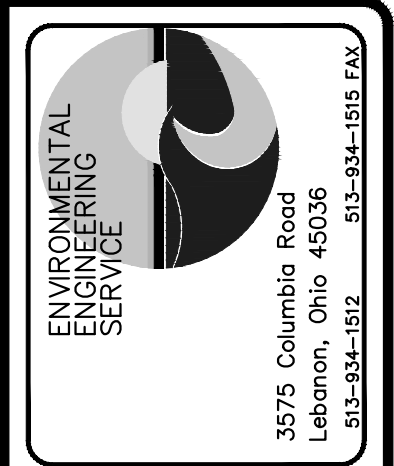
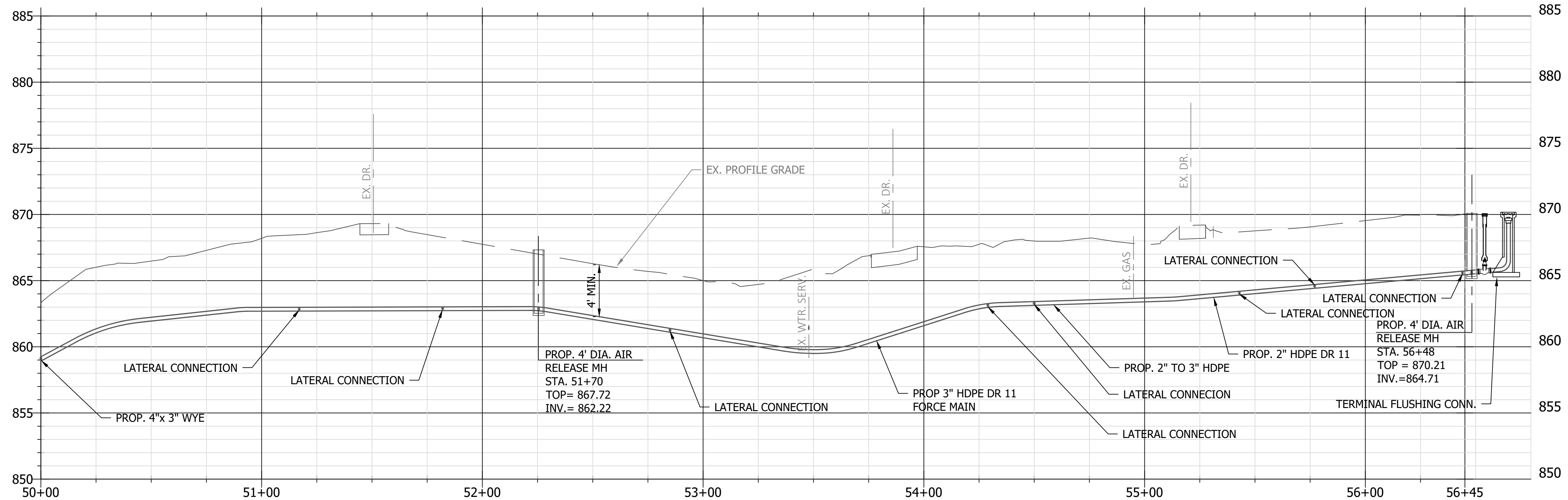
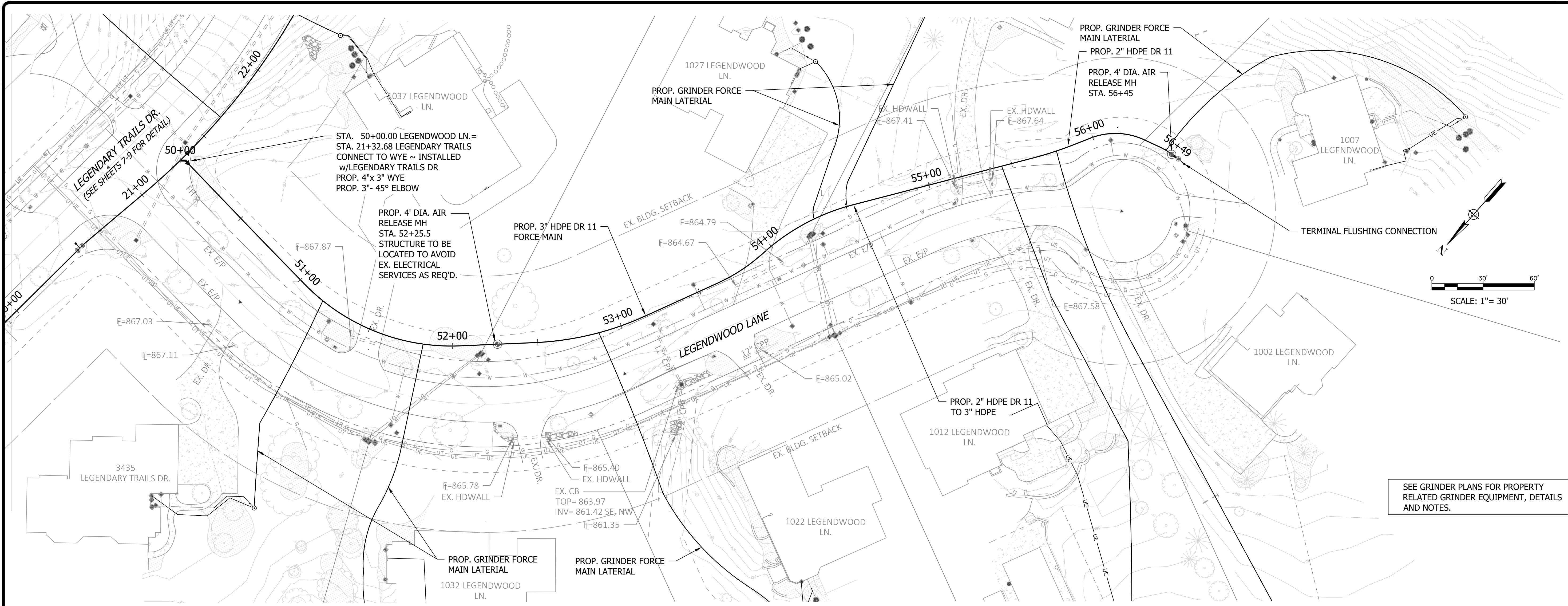


SEE GRINDER PLANS FOR PROPERTY
RELATED GRINDER EQUIPMENT, DETAILS
AND NOTES.



LTS-P1P.dwg

LWL-PnP.dwg



Revisions	Date	Drawn By

Drawn by:	GWA	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	LWL PnP		

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

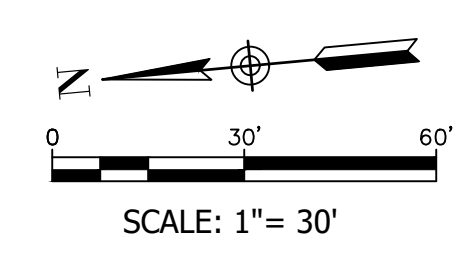
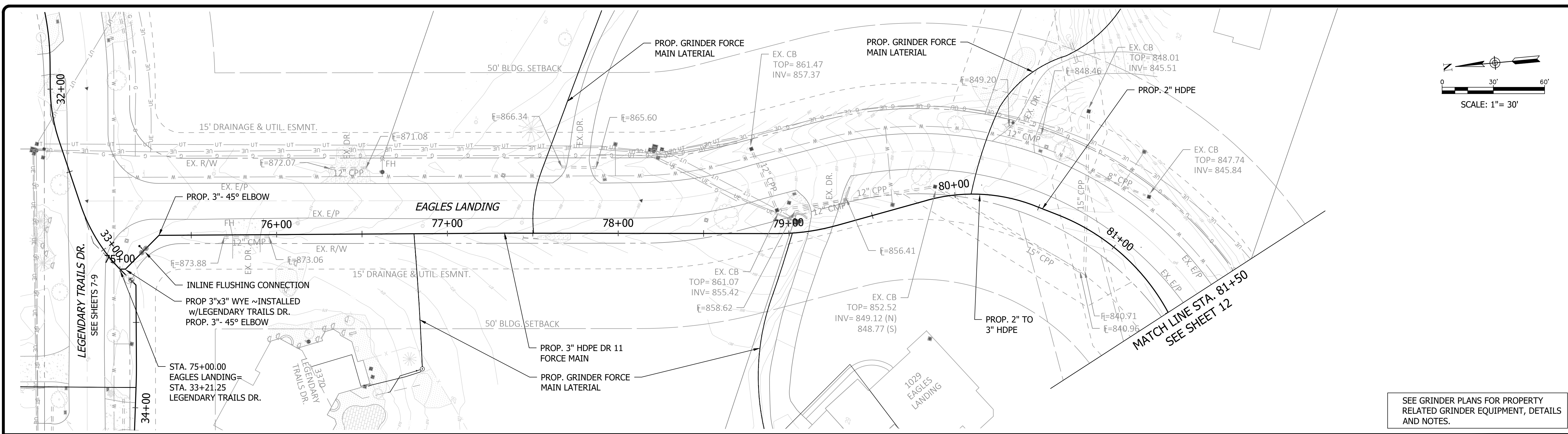
**CLERMONT COUNTY
OHIO**

Scale
1" = 30'

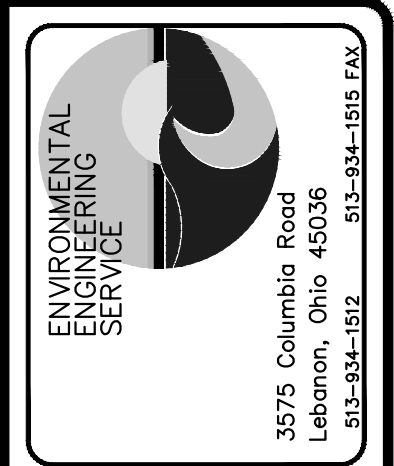
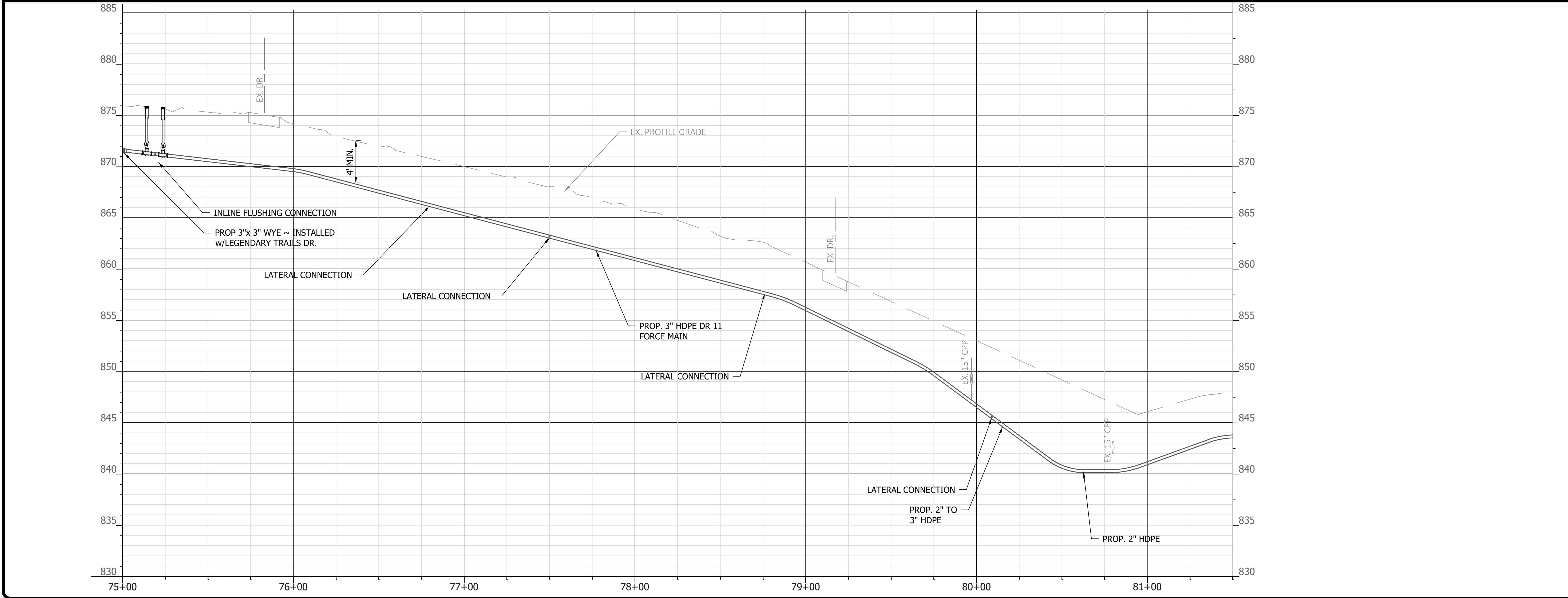
**PLAN AND PROFILE
LEGENDWOOD LANE
STA. 50+00
TO
STA. 57+00**

SHEET NUMBER
10

EL-PnP.dwg



SEE GRINDER PLANS FOR PROPERTY RELATED GRINDER EQUIPMENT, DETAILS AND NOTES.



Revisions	Date	Drawn By

Date:	11/2023
Drawn by:	GWA
Checked by:	ZM
Approved by:	JMM
Date:	03/22/24
Date:	03/25/24

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

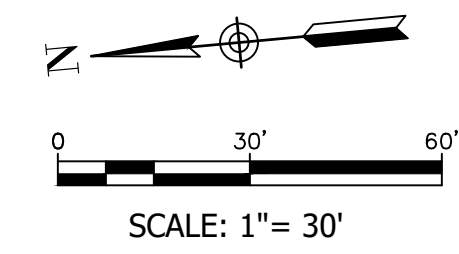
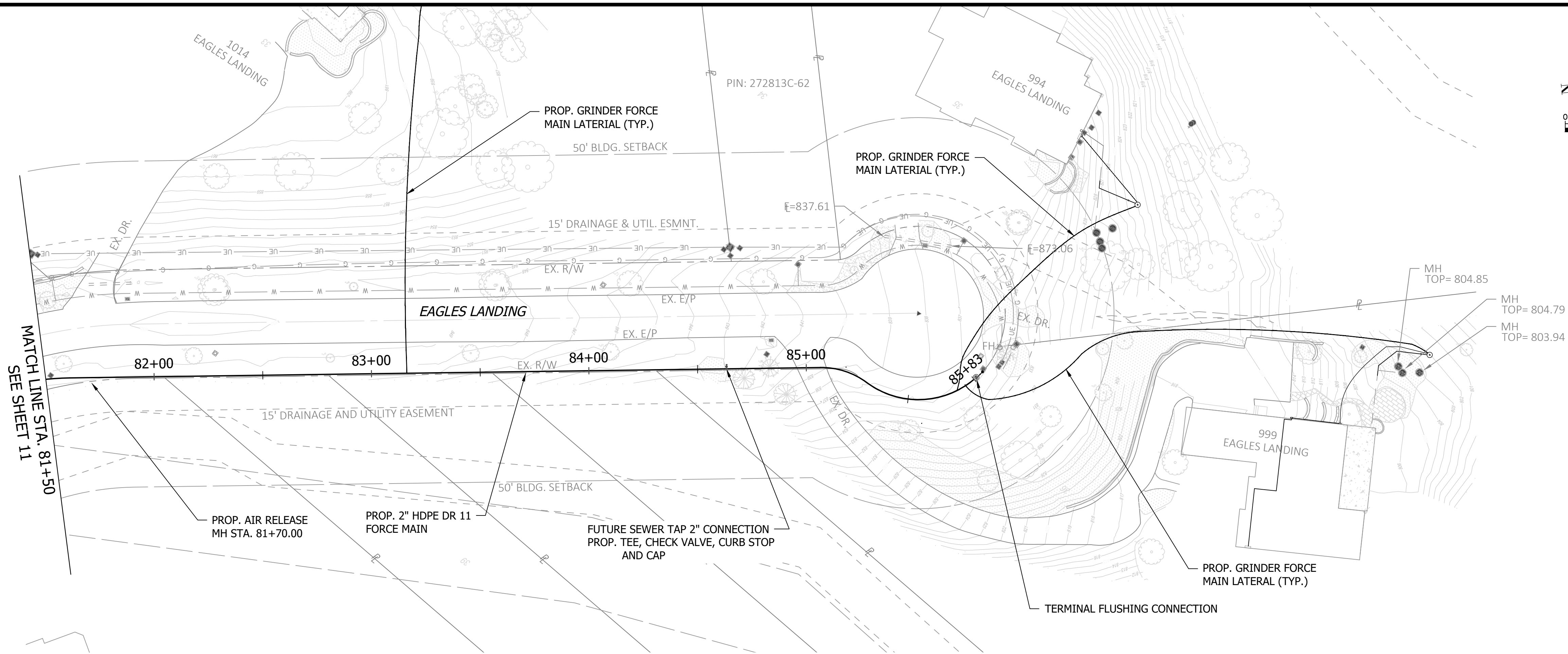
CLERMONT COUNTY
OHIO

Scale
1" = 30'

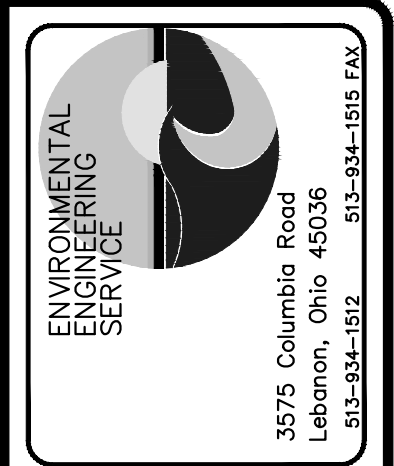
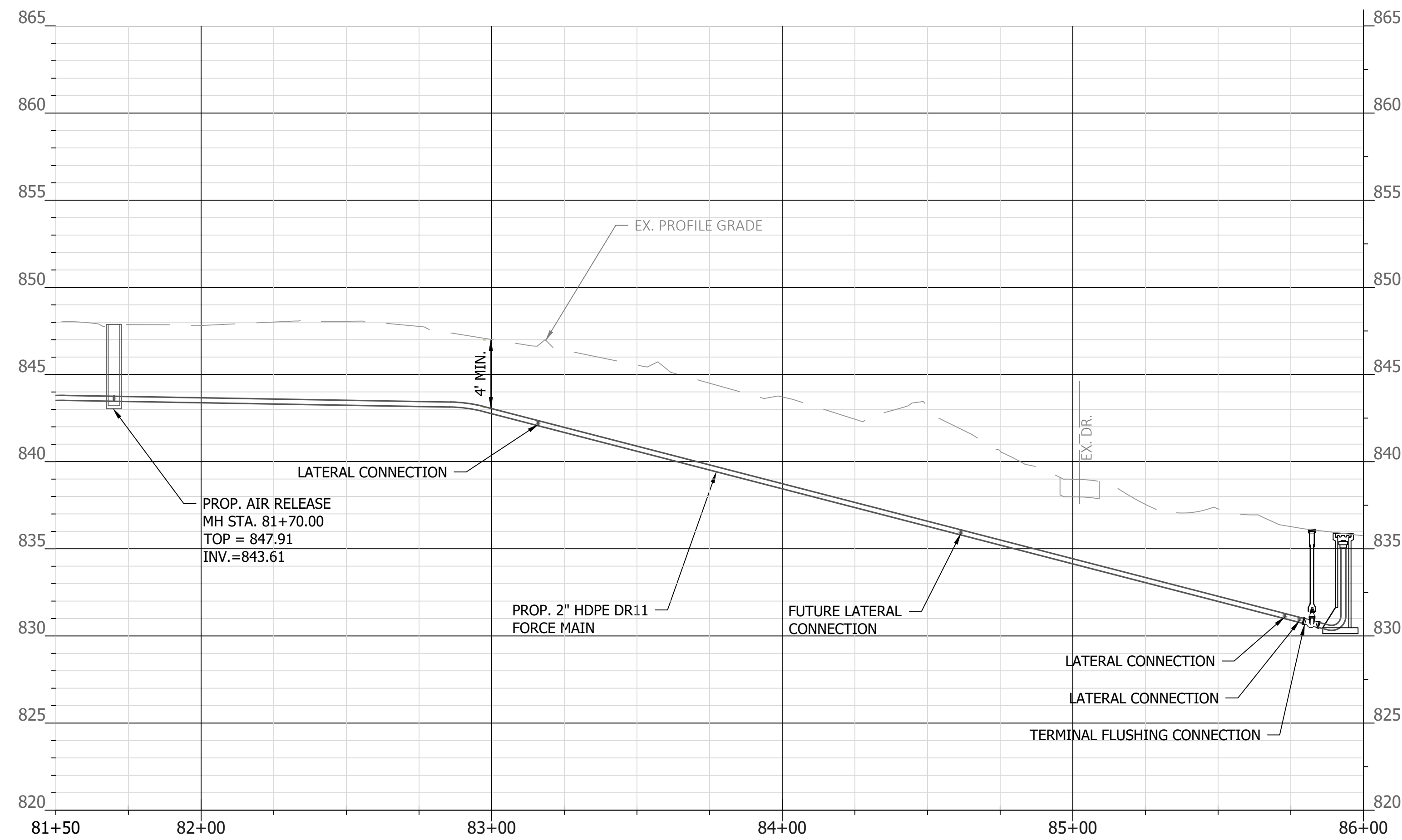
**PLAN AND PROFILE
EAGLES LANDING
STA. 75+00
TO
STA. 81+50**

SHEET NUMBER
11

EL-PnP.dwg



SEE GRINDER PLANS FOR PROPERTY RELATED GRINDER EQUIPMENT, DETAILS AND NOTES.



Revisions	Date	Drawn By

Drawn by:	GWA	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name			

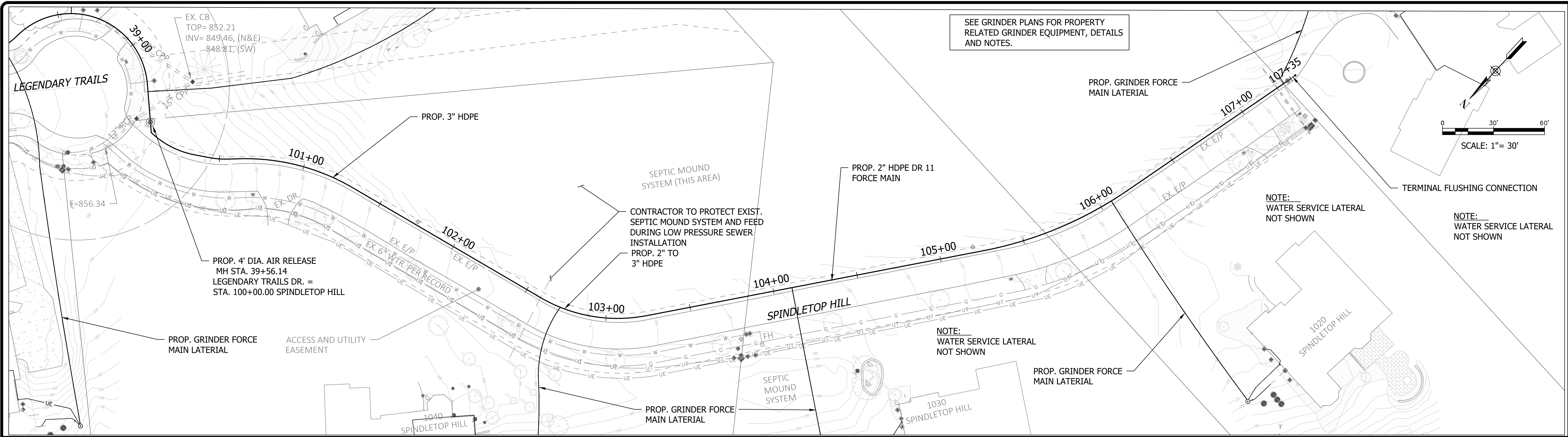
LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

CLERMONT COUNTY
OHIO

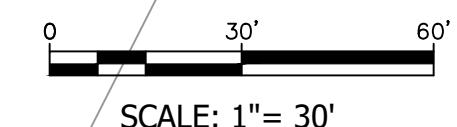
Scale
1" = 30'

PLAN AND PROFILE
EAGLES LANDING
STA. 81+50
TO
STA. 86+00

SHEET NUMBER
12



SEE GRINDER PLANS FOR PROPERTY RELATED GRINDER EQUIPMENT, DETAILS AND NOTES.



ENVIRONMENTAL ENGINEERING SERVICE
 3575 Columbia Road
 Lebanon, Ohio 45036
 513-844-1512 513-844-1515 FAX

Revisions	Date	Drawn By

Drawn by:	GWA	Date:	11/20/23
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Job File Name:	SPINDLETOP-PnP		

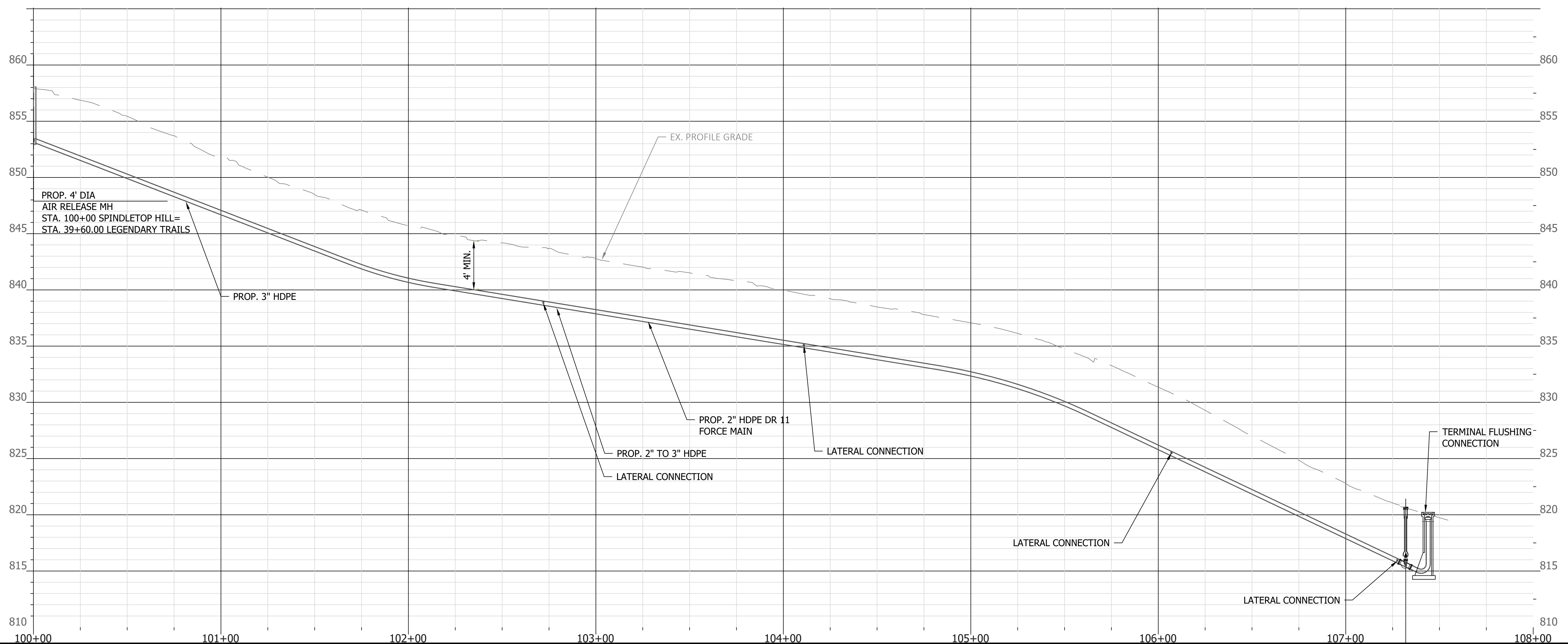
**LEGENDARY TRAILS
 SAN. SEWER COLL. SYSTEM
 PROJECT No. 6402-60228**

**CLERMONT COUNTY
 OHIO**

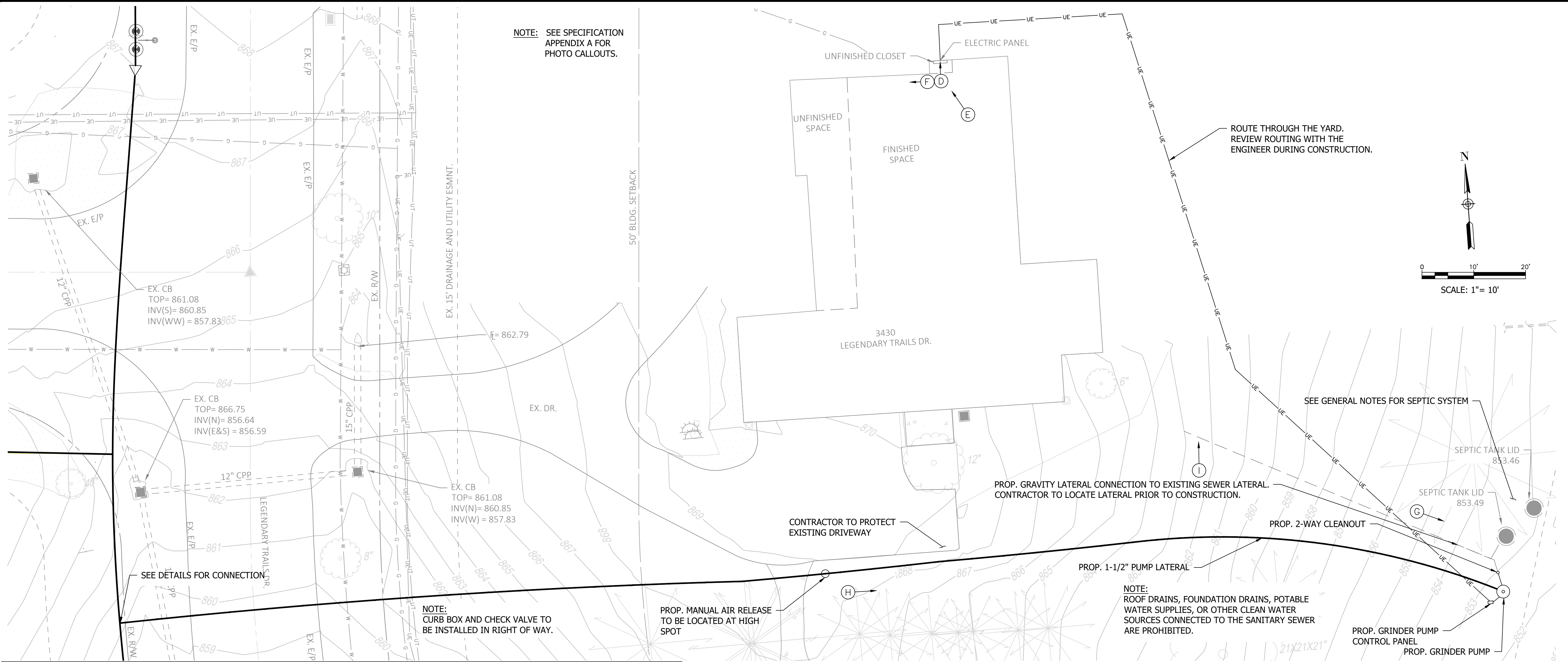
Scale
1" = 30'

**PLAN AND PROFILE
 SPINDLETOP HILL
 STA. 100+00 TO
 STA. 107+32**

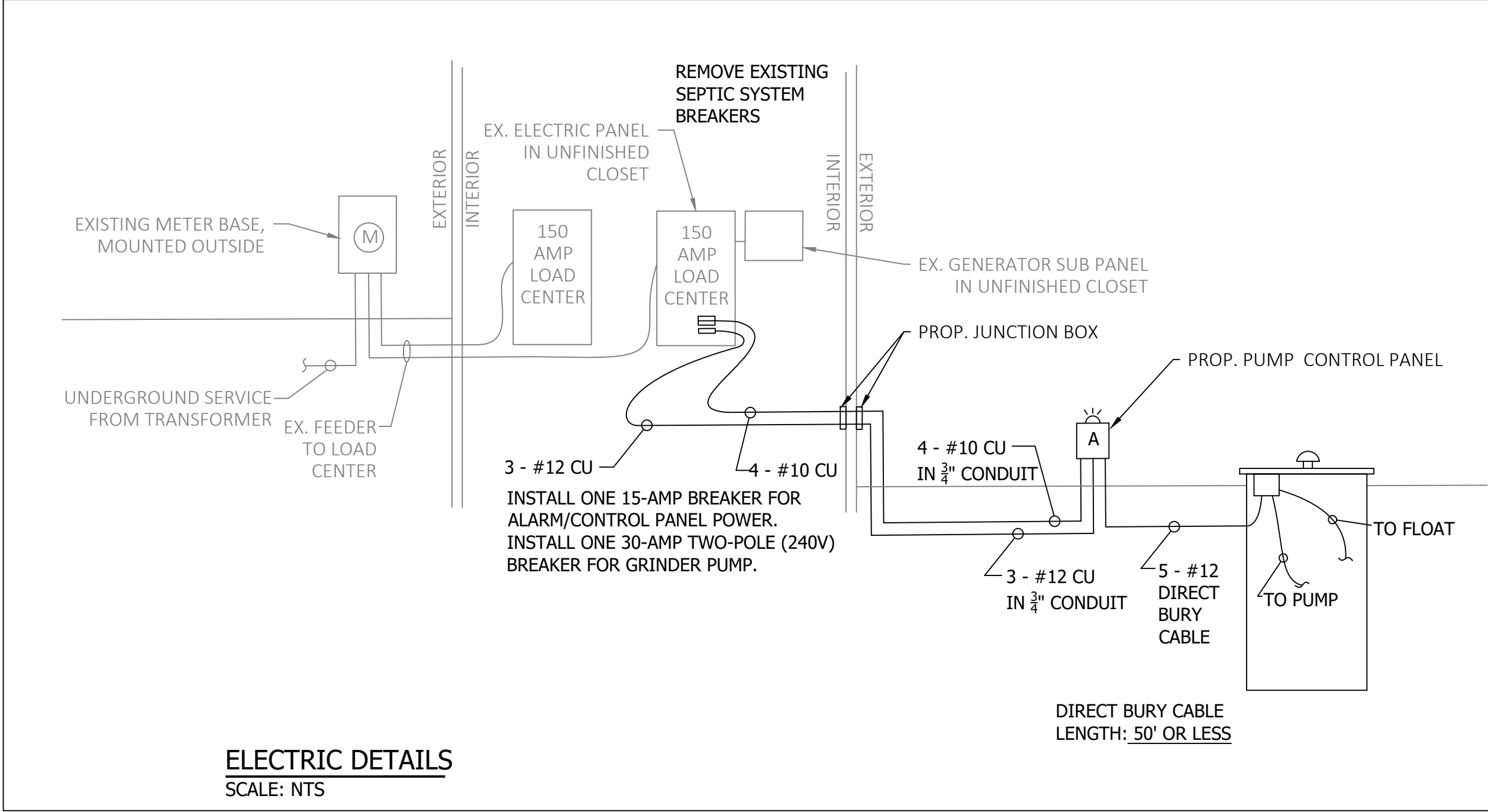
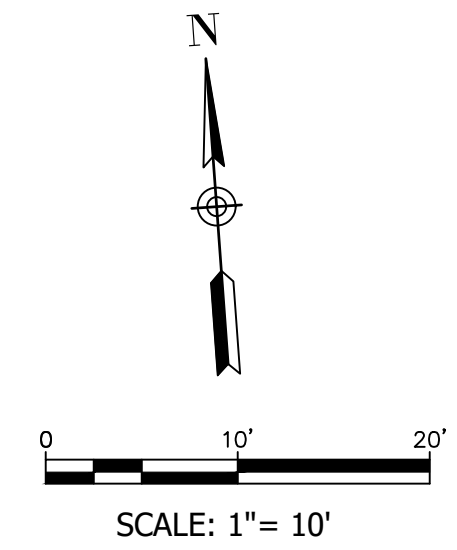
SHEET NUMBER
13



Spindletop PnP.dwg



NOTE: SEE SPECIFICATION APPENDIX A FOR PHOTO CALLOUTS.



ELECTRIC DETAILS
SCALE: NTS

- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN

- ELECTRIC NOTES:**
1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING PANEL IN THE UNFINISHED CLOSET HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE CLOSET PANEL.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE CLOSET PANEL TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE CLOSET PANEL TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC WORK IS IN AN UNFINISHED CLOSET WITHIN A FINISHED AREA OF THE BASEMENT.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE SERVICE PANEL IN THE UNFINISHED CLOSET AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Revisions	Date	Drawn By

Drawn By: KFR	Date: 11/2023
Checked by: ZM	Date: 03/22/24
Approved by: JMM	Date: 03/25/24
Col. File Name: Leg Trails Grinders	

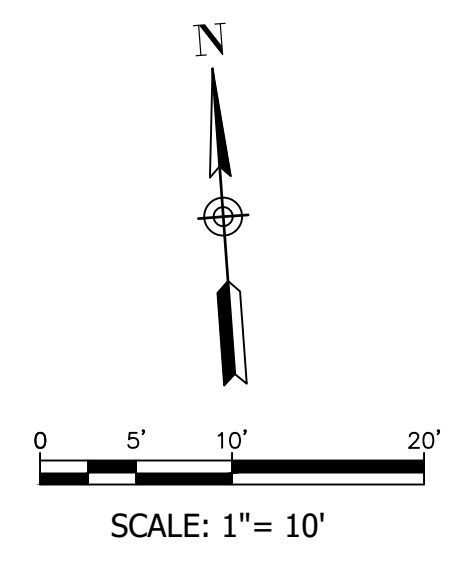
LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

CLERMONT COUNTY
OHIO

Scale
1"=10'

GRINDER PLAN
3430
LEGENDARY TRAILS DRIVE

SHEET NUMBER
15



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cell File Name:	Leg Tr Grinders		

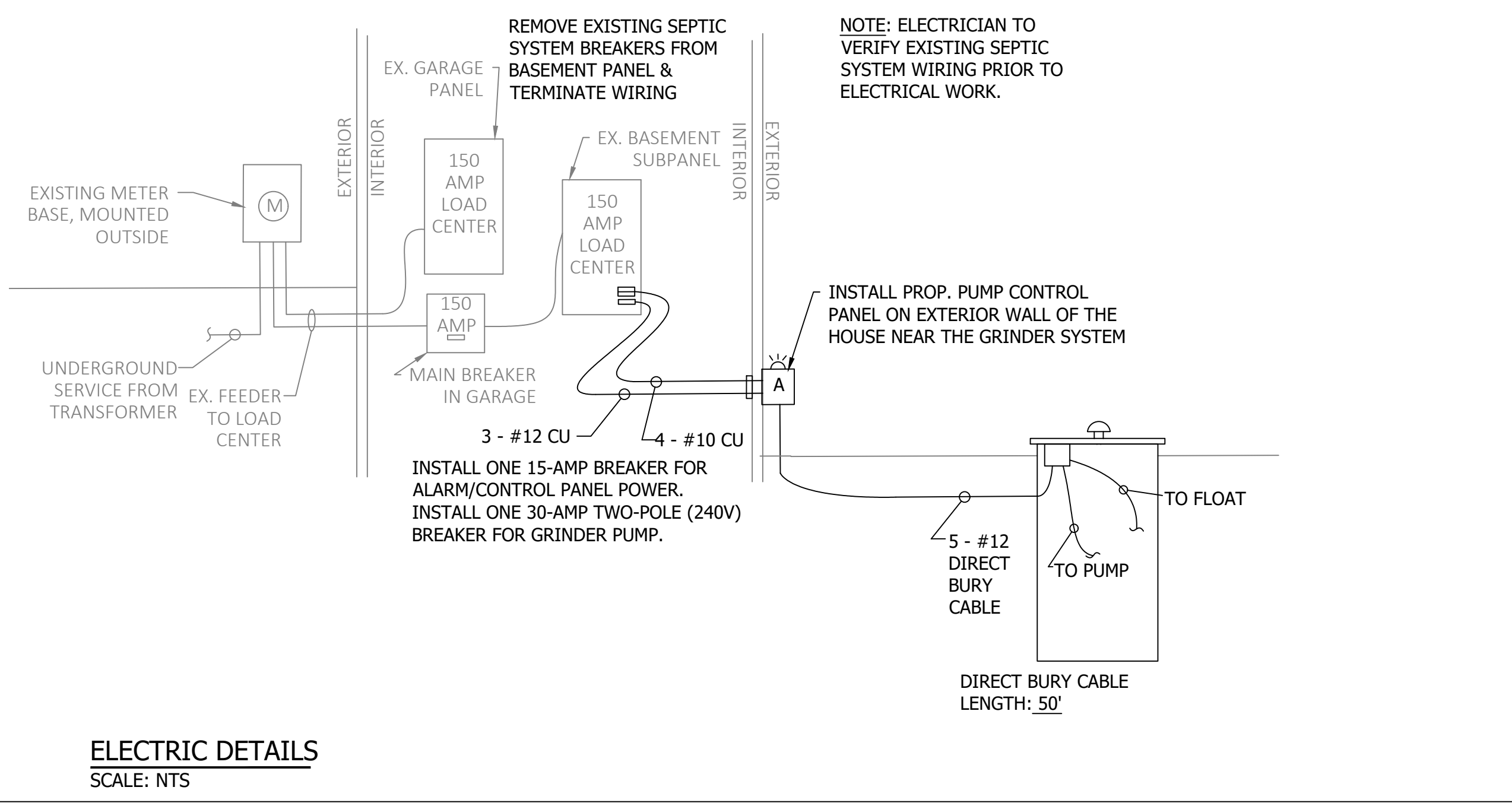
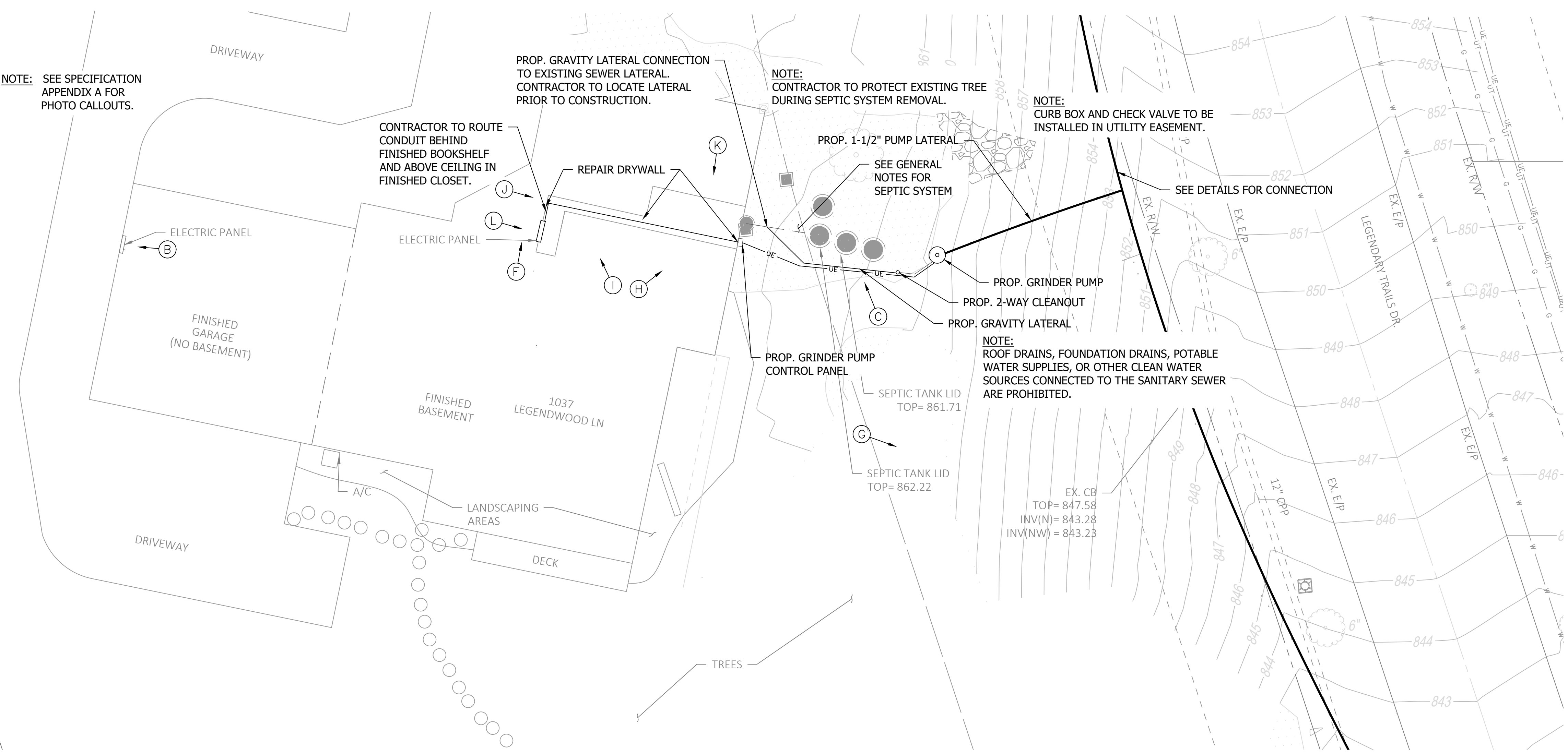
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1"=10'

**GRINDER
PLAN
1037
LEGENDWOOD
LANE**

SHEET NUMBER
16



- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE BASEMENT PANEL. THE ELECTRIC PANEL IS WITHIN A FINISHED WALL.
 2. CONTRACTOR SHALL PULL THE WIRE THROUGH THE UNFINISHED SPACE PRIOR TO REMOVING THE EXISTING SYSTEM BREAKERS.
 3. REMOVE EXISTING SYSTEM BREAKERS ONCE GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 4. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE BASEMENT PANEL.
 5. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
 6. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
 7. ELECTRIC WORK IS IN A FINISHED AREA IN THE BASEMENT. CONTRACTOR SHALL REVIEW THE ELECTRIC ROUTING WITH THE ENGINEER DURING PRE-CONSTRUCTION MEETING. PROPOSED WIRING SHALL BE ROUTED ABOVE THE FINISHED CEILING IN THE BASEMENT.
 8. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARCATION OF PROPERTY OWNER MAINTENANCE

THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

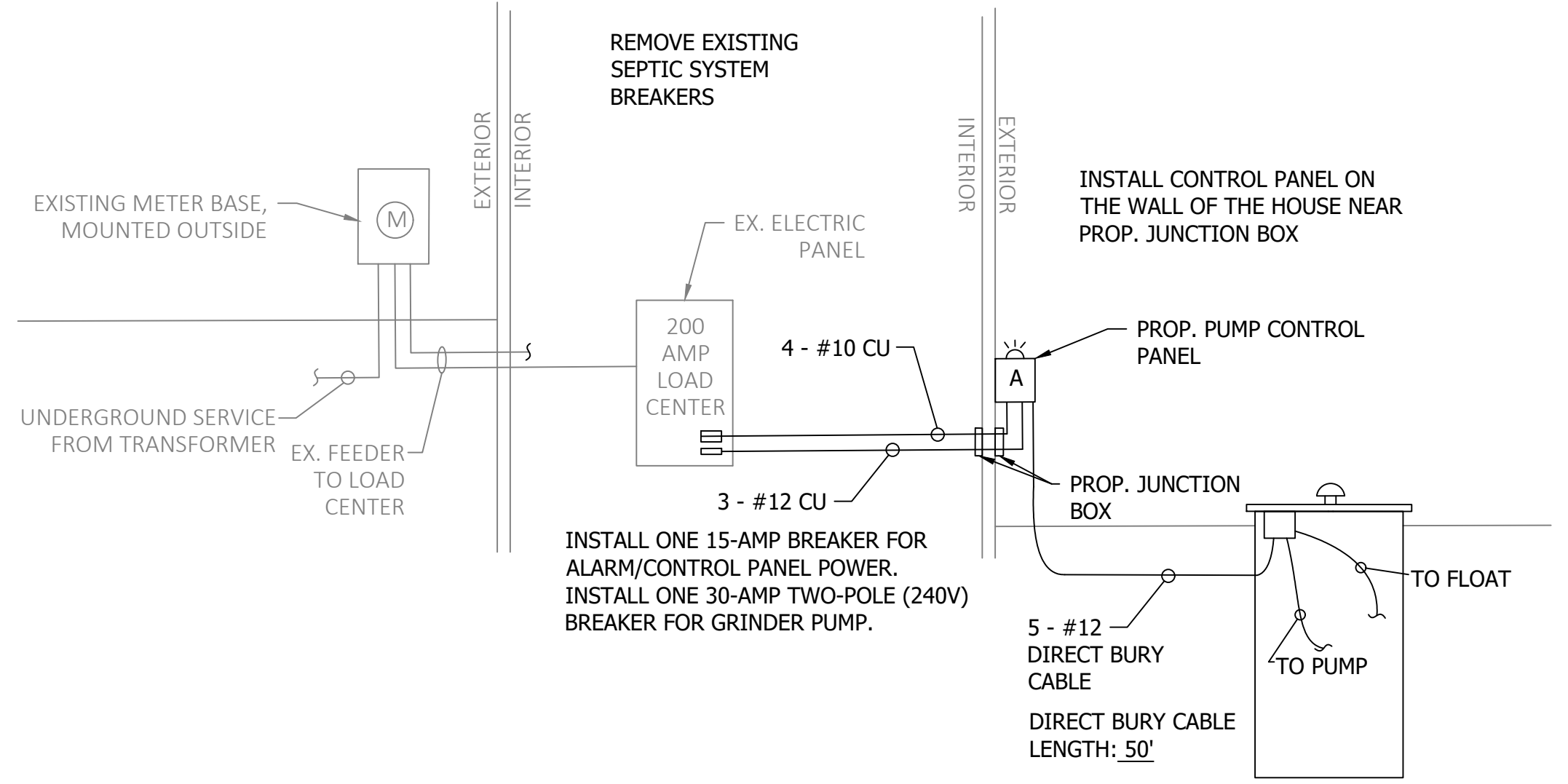
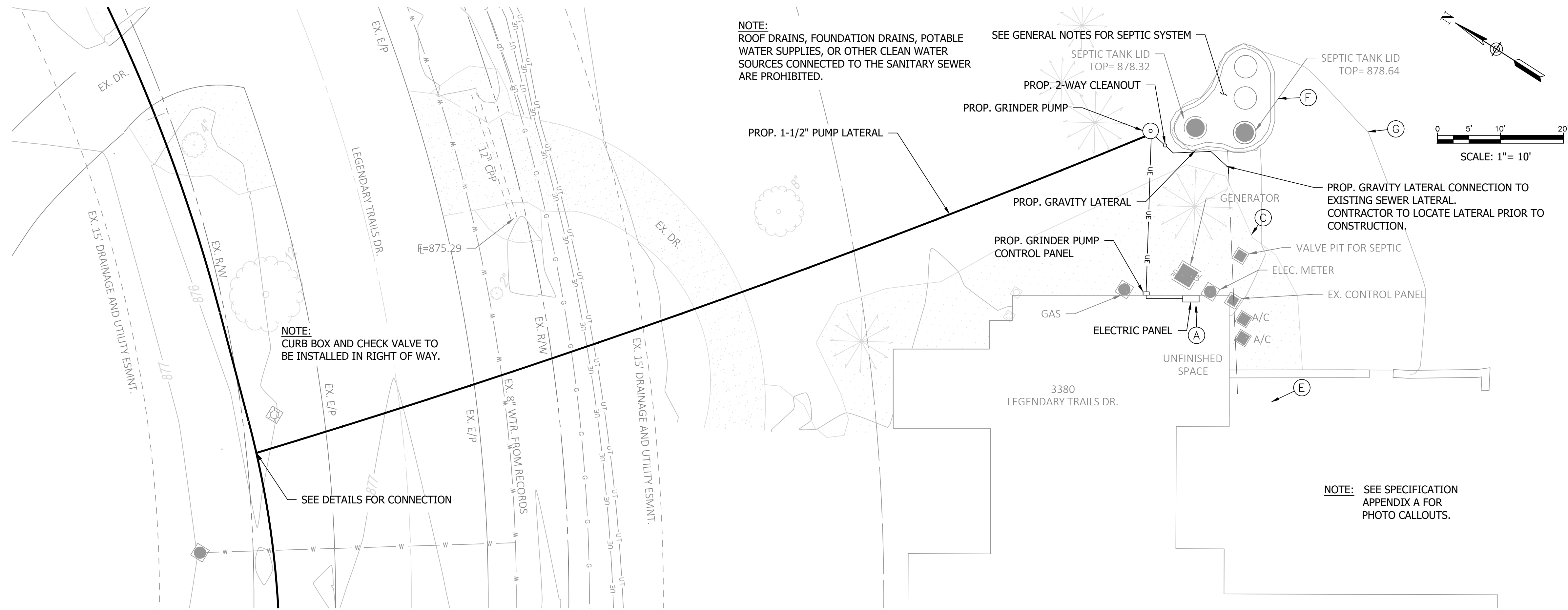
THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

6/4/2024
Legendary Trails Grinders.dwg

ELECTRIC DETAILS
SCALE: NTS



FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 200-AMP SERVICE PANELS. THE EXISTING PANEL ON THE LEFT SIDE OF THE BASEMENT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE MAIN PANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE LEFT BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE LEFT BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE LEFT BASEMENT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING

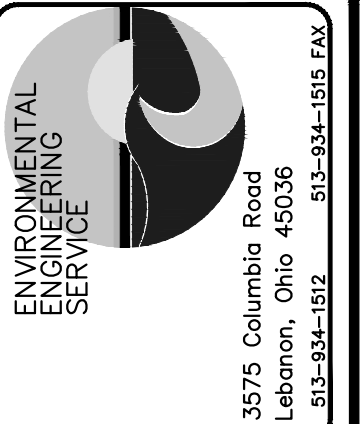
DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Date	Drawn By

Date:	11/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Date:	03/22/24
Date:	03/25/24
Proj. Name:	Leg Tr Grinders

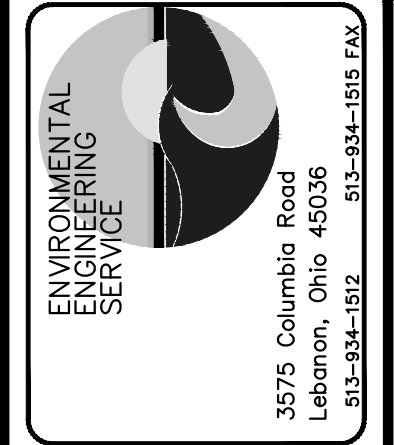
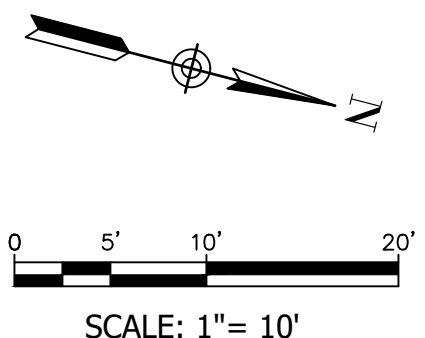
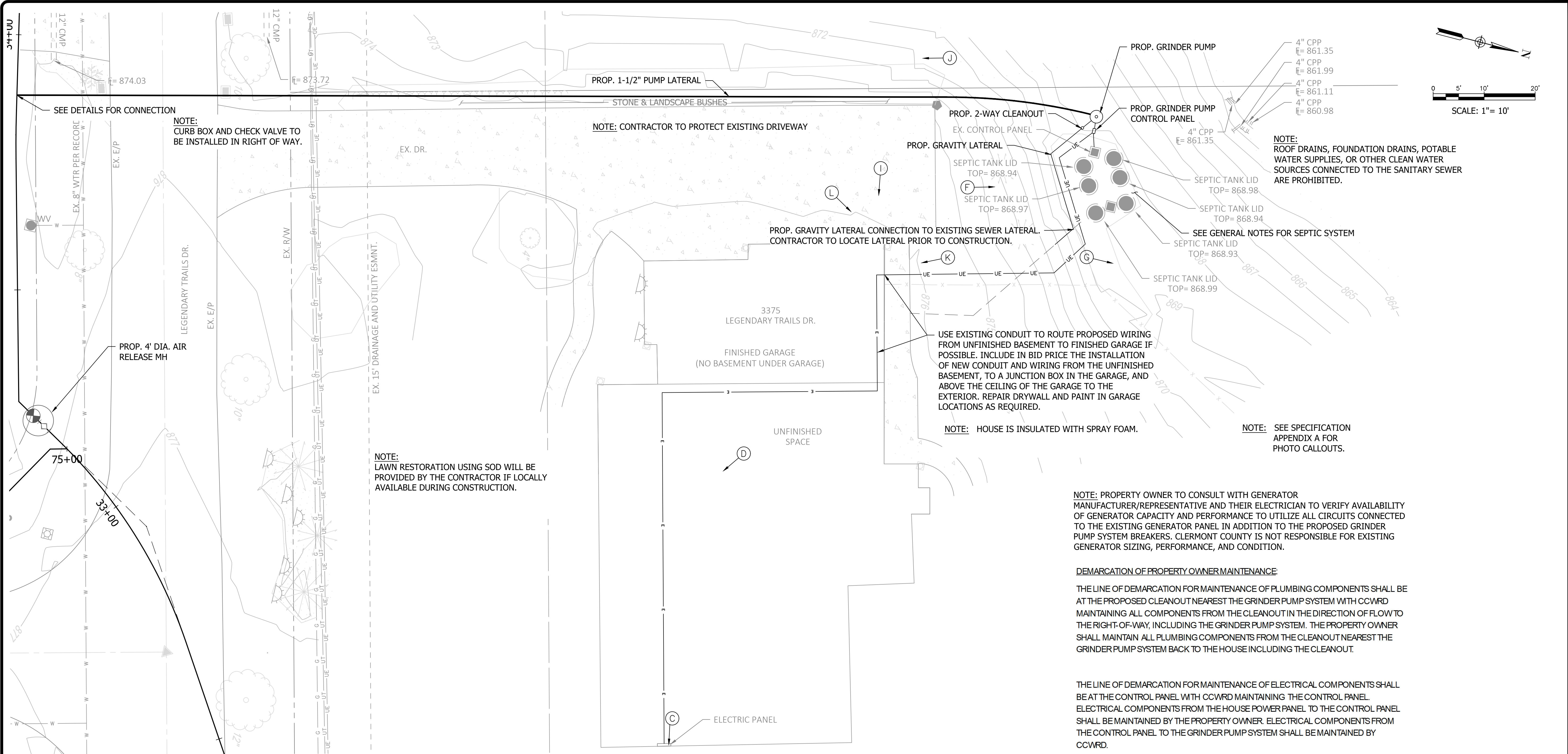
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

Scale
1"=10'

**GRINDER
PLAN
3380
LEGENDARY
TRAILS
DRIVE**

SHEET NUMBER
20

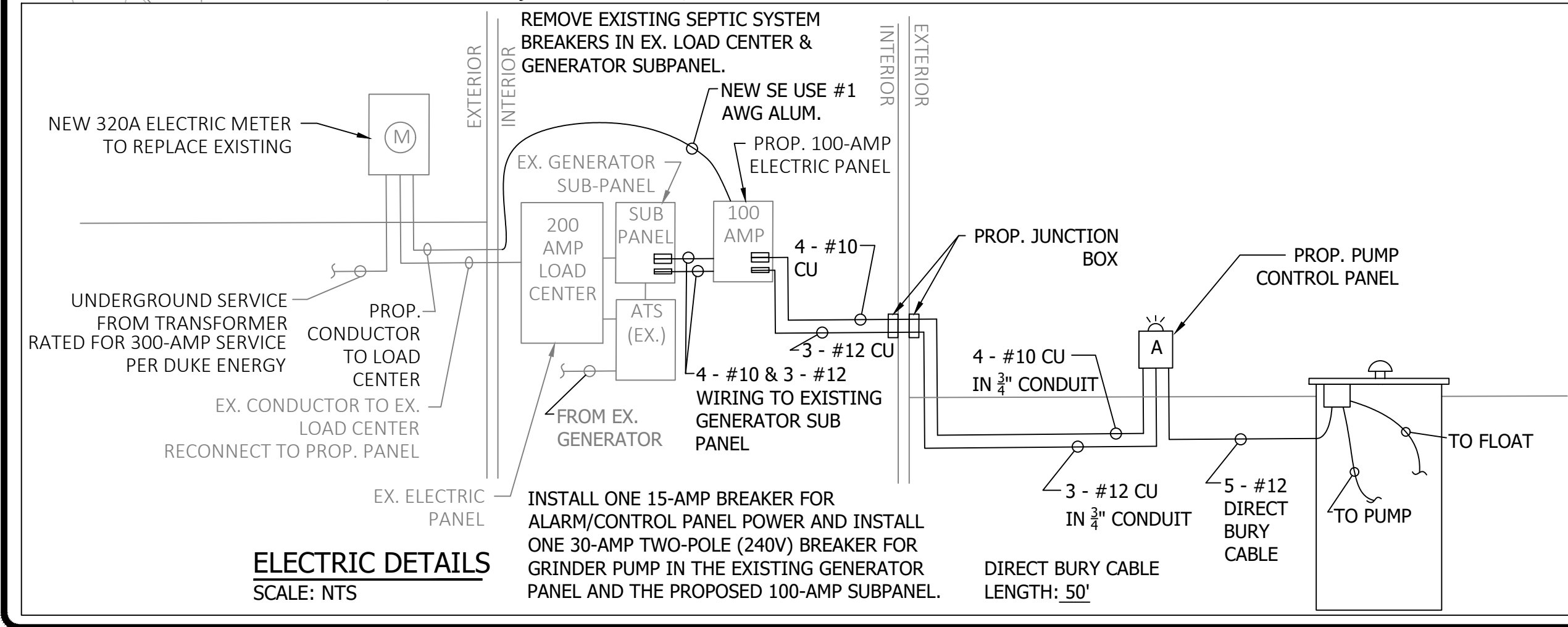


Date	Drawn By

Date:	11/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Cal. File Name:	Leg Tr Grinders

LEGENDARY TRAILS SAN. SEWER COLL. SYSTEM PROJECT No. 6402-60228

CLERMONT COUNTY OHIO



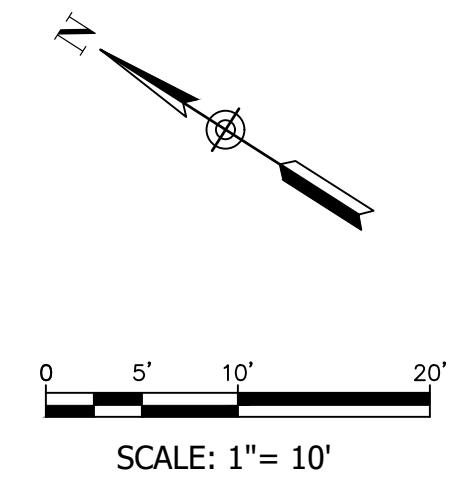
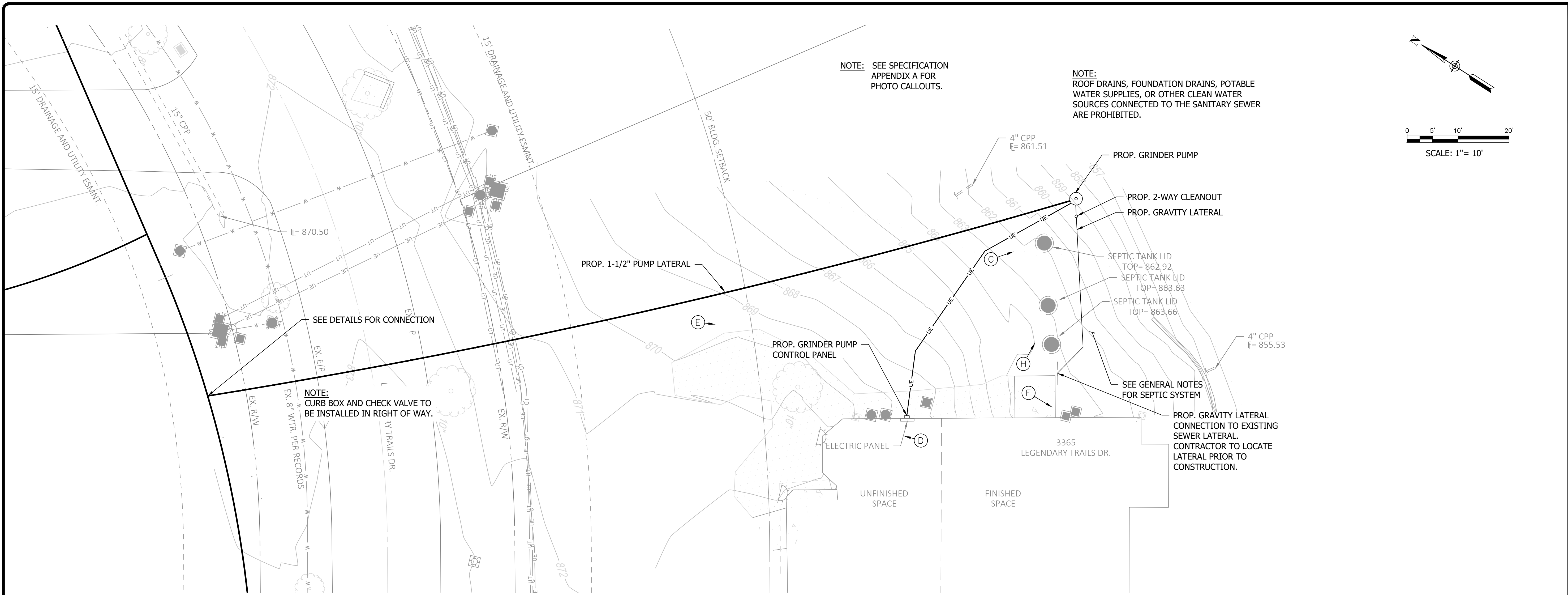
- FOR PROPOSED LATERAL PIPING:**
- CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 - REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 - USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 - ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 - USE FITTINGS LESS THAN OR EQUAL TO 45°.
 - REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE

- ELECTRIC NOTES:**
- THERE IS ONE EXISTING 200-AMP SERVICE PANEL WITH AN 80-AMP SUBPANEL. THE EXISTING SERVICE WILL NEED TO BE UPGRADED TO A 300-AMP SERVICE. CONTRACTOR TO COORDINATE SERVICE UPGRADE AND CONDUCTOR REPLACEMENT WITH DUKE ENERGY DURING CONSTRUCTION.
 - CONTRACTOR TO INSTALL PROPOSED 100-AMP SERVICE PANEL NEXT TO THE EXISTING SERVICE PANEL FOR THE PROPOSED GRINDER PUMP SYSTEM BREAKERS. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE NEW PANEL.
 - ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE PANEL TO THE PROPOSED CONTROL PANEL.
 - ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE PANEL TO THE PROPOSED CONTROL PANEL.
 - ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT. CONTRACTOR TO ATTEMPT TO REUSE EXISTING SEPTIC SYSTEM CONDUIT, HOWEVER, IF NOT USED CONTRACTOR IS NOT DUE ADDITIONAL COMPENSATION.
 - EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE SUBPANEL AND EXISTING LOAD CENTER AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING AND BREAKERS FOR THE EXISTING SEPTIC SYSTEM IN ALL INDOOR SERVICE PANELS. LABEL EXPOSED TERMINATED WIRE.



ENVIRONMENTAL ENGINEERING SERVICE
 3575 Columbia Road
 Lebanon, Ohio 45036
 513-834-1512

Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	Leg Tr Grinders		

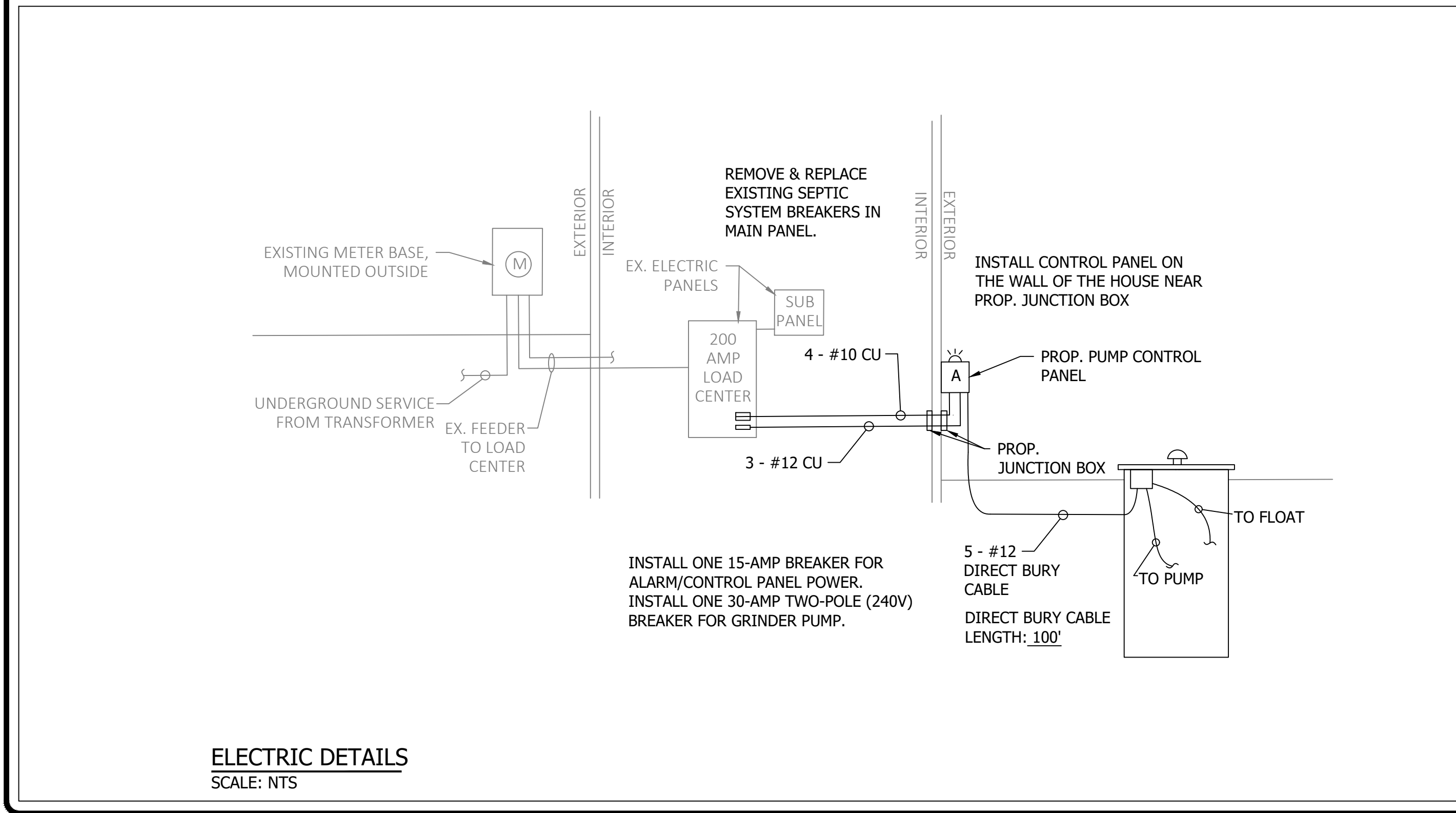
**LEGENDARY TRAILS
 SAN. SEWER COLL. SYSTEM
 PROJECT No. 6402-60228**

**CLERMONT COUNTY
 OHIO**

Scale
1"=10'

**GRINDER PLAN
 3365
 LEGENDARY TRAILS DRIVE**

SHEET NUMBER
22



- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
1. THERE IS ONE (1) EXISTING 200-AMP SERVICE PANEL WITH A 125-AMP SUBPANEL. THE EXISTING MAIN PANEL HAS ONE (1) ADDITIONAL SPACE FOR THE PROPOSED BREAKERS.
 2. THE EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE MAIN PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 3. CONTRACTOR SHALL PROVIDE TEMPORARY POWER FOR PROPOSED GRINDER PUMP START UP SERVICES DUE TO LACK OF ADDITIONAL SPACES IN THE EXISTING PANEL. REVIEW START UP PROCEDURES WITH THE ENGINEER AS NEEDED.
 4. CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE PANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
 5. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE MAIN PANEL TO THE PROPOSED CONTROL PANEL.
 6. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE MAIN PANEL TO THE PROPOSED CONTROL PANEL.
 7. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.

DEMARCATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMPSYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



NOTE:
CURB BOX AND CHECK VALVE TO BE
INSTALLED IN UTILITY EASEMENT.

SEE DETAILS FOR CONNECTION

PROP. 1-1/2" PUMP LATERAL

PROP. GRAVITY LATERAL CONNECTION TO EXISTING SEWER LATERAL.
CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

NOTE:
ROOF DRAINS, FOUNDATION DRAINS, POTABLE
WATER SUPPLIES, OR OTHER CLEAN WATER
SOURCES CONNECTED TO THE SANITARY SEWER
ARE PROHIBITED.

NOTE: SEE SPECIFICATION
APPENDIX A FOR
PHOTO CALLOUTS.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

FOR PROPOSED LATERAL PIPING:

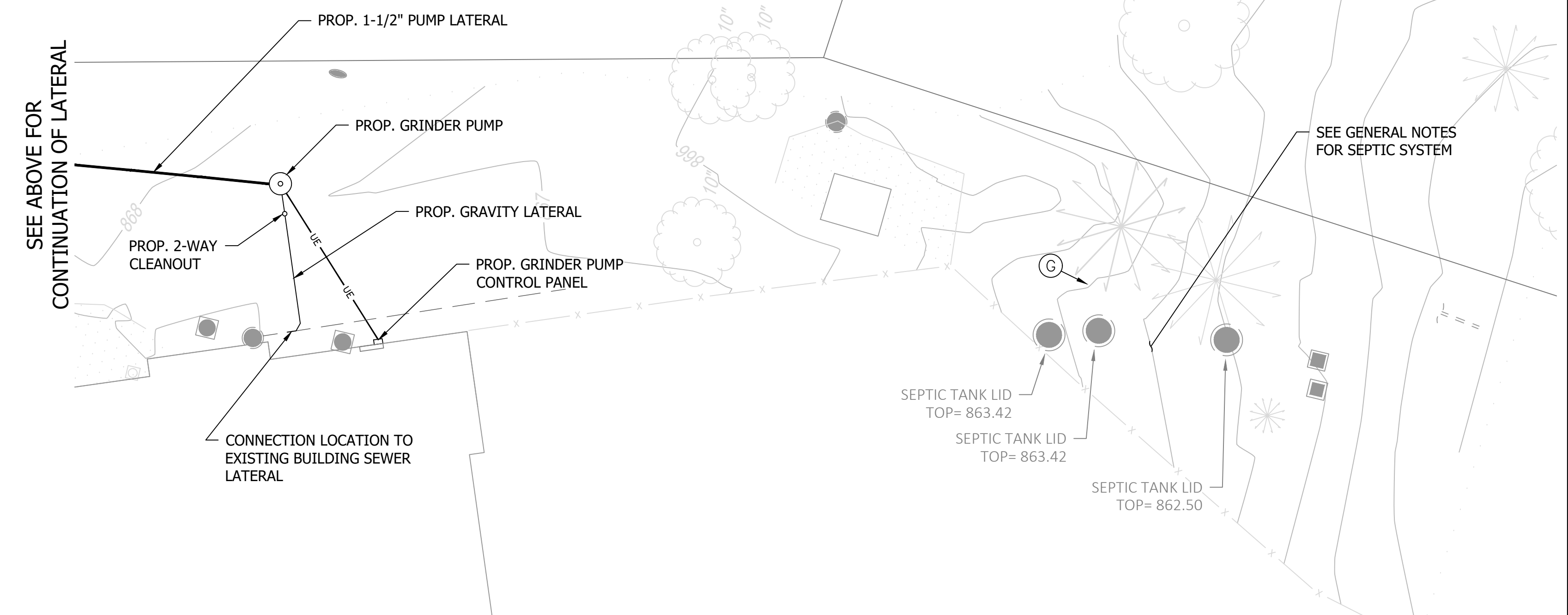
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL.

ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

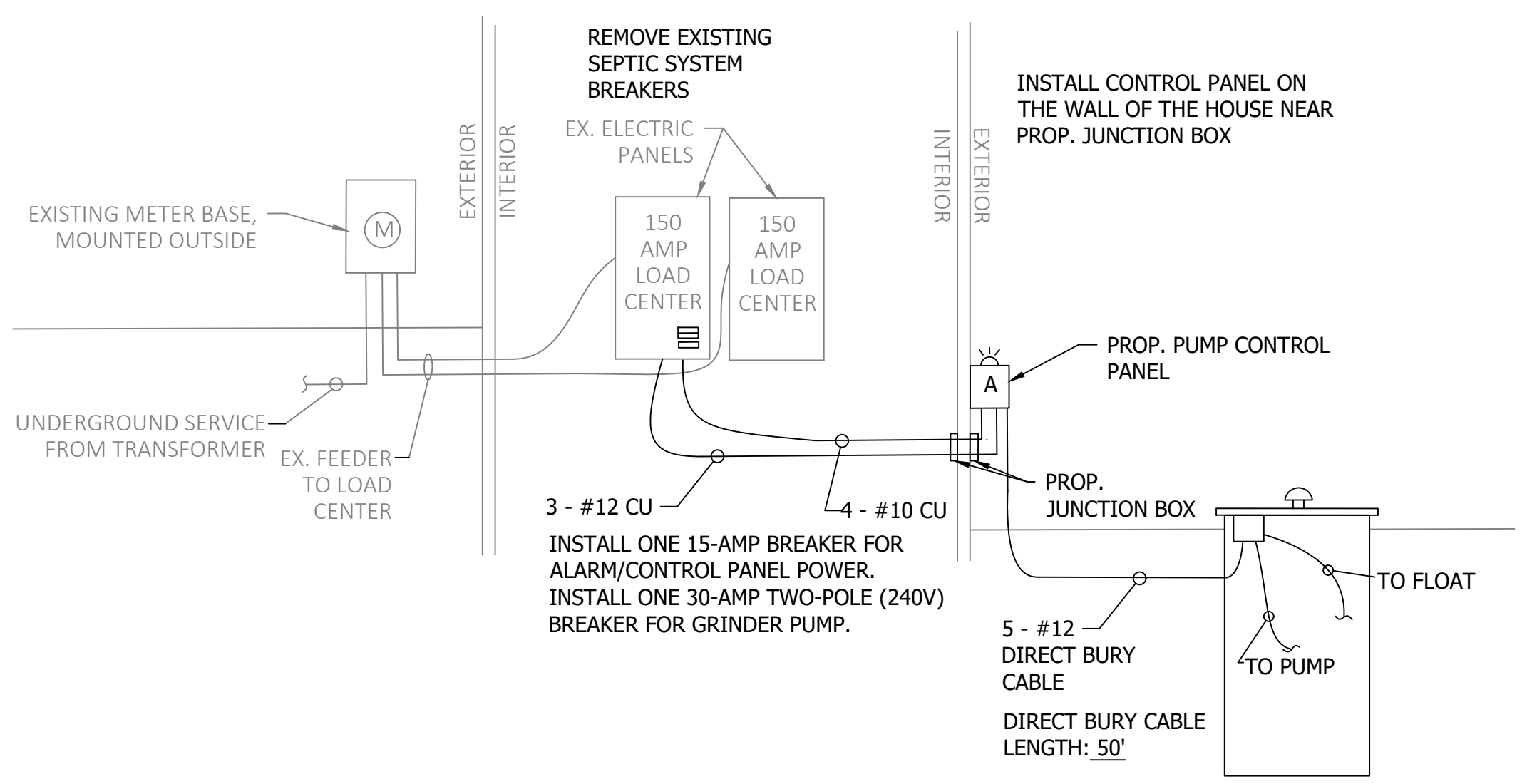


SEE ABOVE FOR
CONTINUATION OF LATERAL

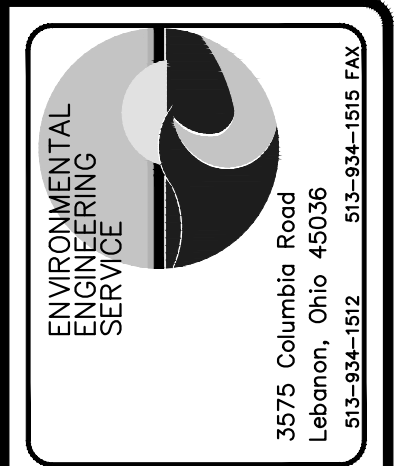
SEE GENERAL NOTES
FOR SEPTIC SYSTEM

SEPTIC TANK LID
TOP= 863.42
SEPTIC TANK LID
TOP= 863.42
SEPTIC TANK LID
TOP= 862.50

- ELECTRIC NOTES:**
1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING LEFT PANEL HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE LEFT PANEL.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE LEFT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.



ELECTRIC DETAILS
SCALE: NTS



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	10/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	Leg Tr Grinders		

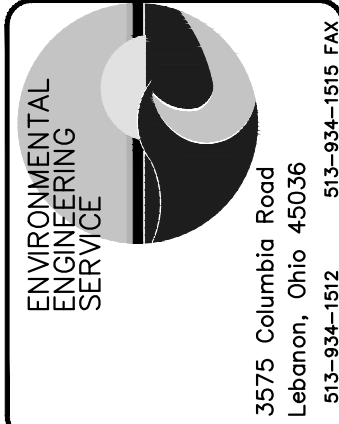
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

Scale
1"=10'

**GRINDER
PLAN
3360
LEGENDARY
TRAILS
DRIVE**

SHEET NUMBER
23



3575 Columbia Road
Lebanon, Ohio 45036
513-844-1512 513-844-1515 FAX

Revisions	Date	Drawn By

Drawn by:	KFR	Date:	12/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	Leg Tr Grinders		

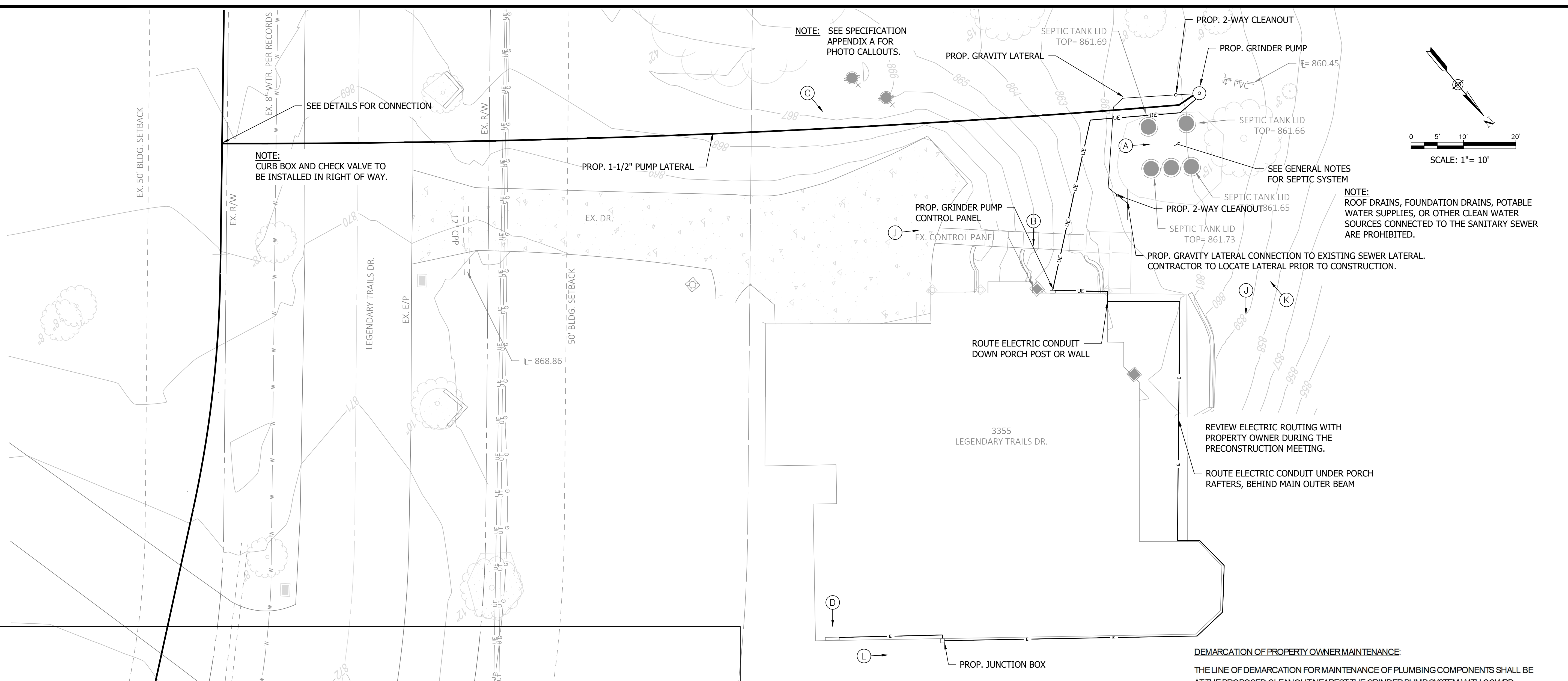
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1"=10'

**GRINDER
PLAN
3355
LEGENDARY
TRAILS
DRIVE**

SHEET NUMBER
24



NOTE: SEE SPECIFICATION APPENDIX A FOR PHOTO CALLOUTS.

NOTE: ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.

NOTE: SEE GENERAL NOTES FOR SEPTIC SYSTEM

NOTE: CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

REVIEW ELECTRIC ROUTING WITH PROPERTY OWNER DURING THE PRECONSTRUCTION MEETING.

ROUTE ELECTRIC CONDUIT UNDER PORCH RAFTERS, BEHIND MAIN OUTER BEAM

ROUTE ELECTRIC CONDUIT DOWN PORCH POST OR WALL

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____

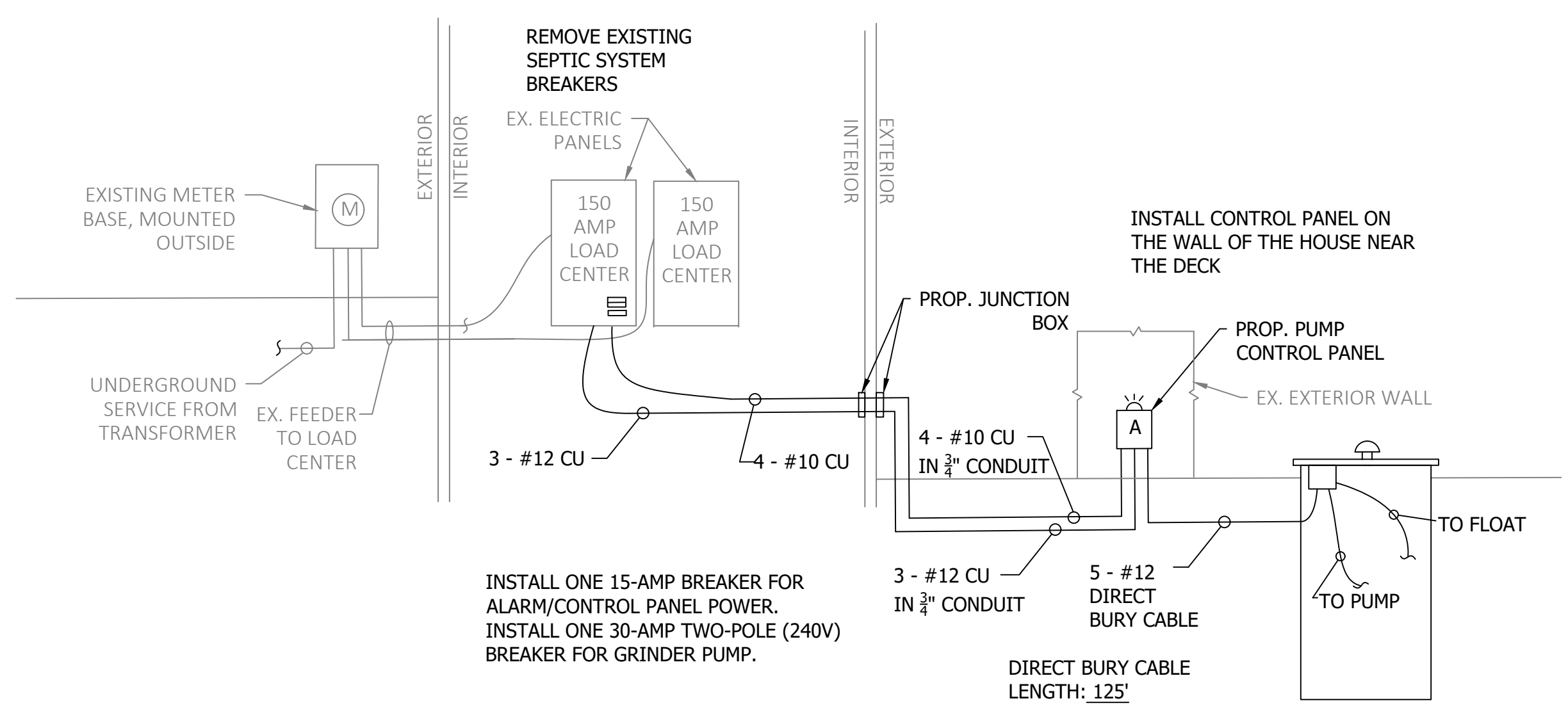
DATE _____

FOR PROPOSED LATERAL PIPING:

- CONTRACTOR TO LOCATE THE LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
- REROUTE LATERAL TO GRINDER PUMP BASIN.
- USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
- ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
- USE FITTINGS LESS THAN OR EQUAL TO 45°.
- REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION.

ELECTRIC NOTES:

- THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING RIGHT PANEL HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS. THE ELECTRIC PANEL IS IN AN UNFINISHED AREA IN THE BASEMENT.
- CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE RIGHT PANEL.
- ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
- ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
- ELECTRIC WORK IS IN AN UNFINISHED AREA IN THE BASEMENT. CONTRACTOR SHALL REVIEW THE ELECTRIC ROUTING WITH THE ENGINEER DURING PRE-CONSTRUCTION MEETING.
- EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE LEFT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.



REMOVE EXISTING SEPTIC SYSTEM BREAKERS

EX. ELECTRIC PANELS

150 AMP LOAD CENTER

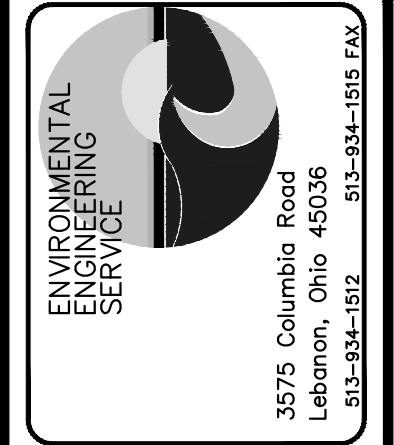
150 AMP LOAD CENTER

INSTALL CONTROL PANEL ON THE WALL OF THE HOUSE NEAR THE DECK

INSTALL ONE 15-AMP BREAKER FOR ALARM/CONTROL PANEL POWER. INSTALL ONE 30-AMP TWO-POLE (240V) BREAKER FOR GRINDER PUMP.

DIRECT BURY CABLE LENGTH: 125'

ELECTRIC DETAILS
SCALE: NTS



Date	Drawn By

Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Cal. File Name:	Leg Tr grinders

Date:	10/2023
Date:	03/22/24
Date:	03/25/24

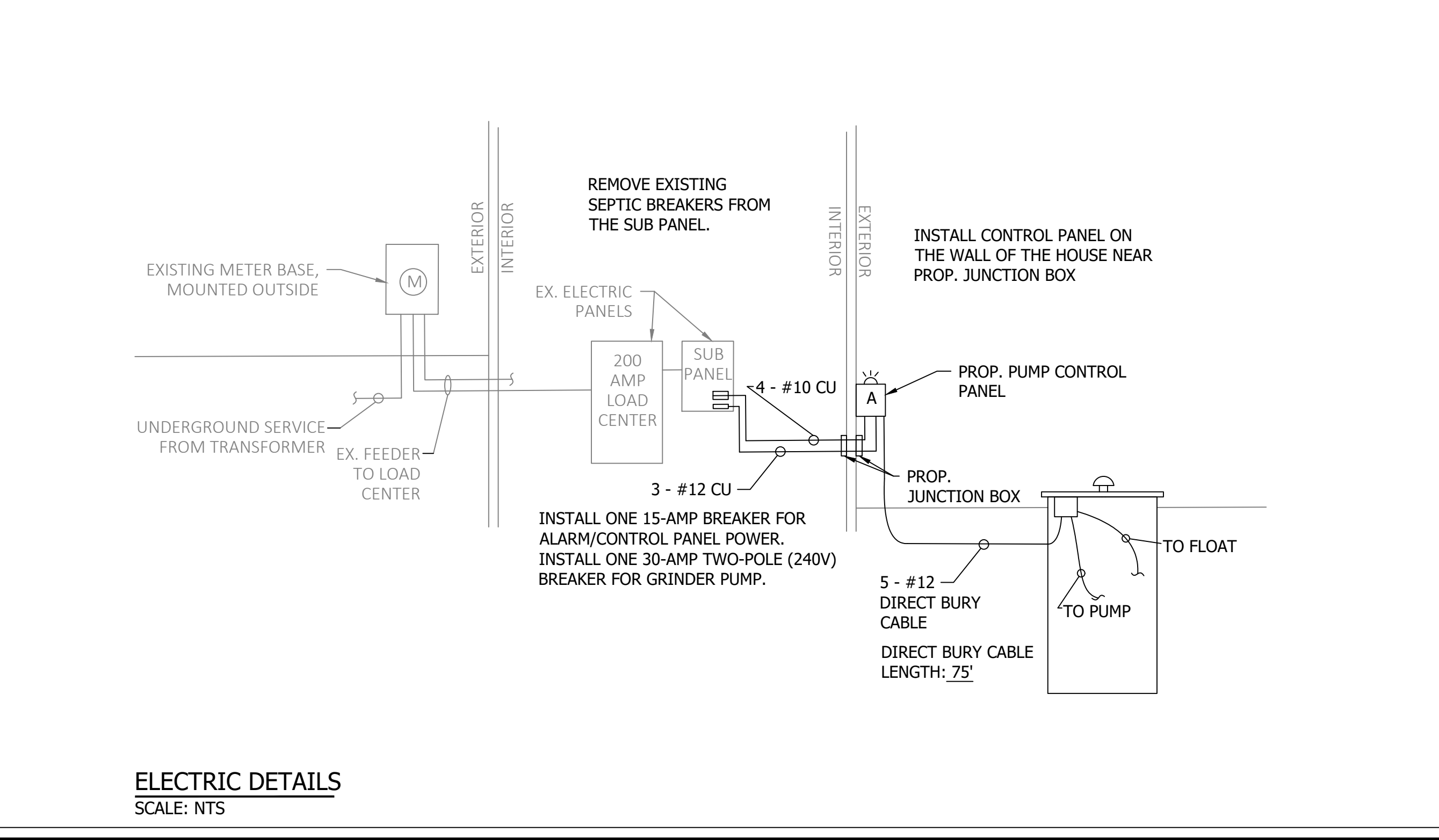
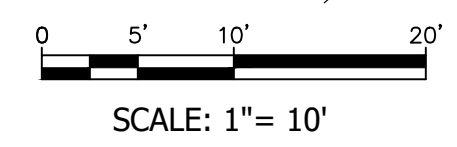
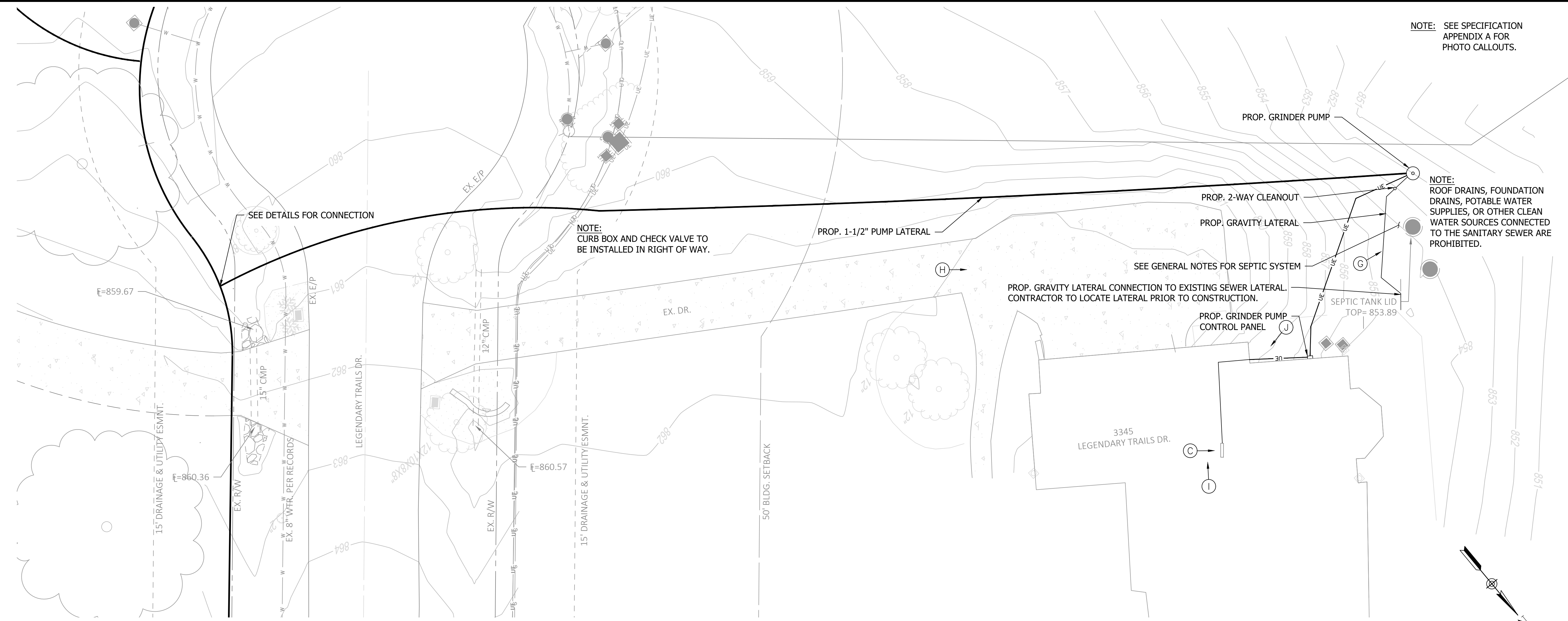
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1" = 10'

**GRINDER PLAN
3345
LEGENDARY TRAILS
DRIVE**

SHEET NUMBER
25



- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
1. THERE IS ONE EXISTING 200-AMP SERVICE PANEL WITH A 90-AMP SUBPANEL. THE SUBPANEL IN THE BASEMENT HAS ONE (1) TWO-POLE 20-AMP, ONE (1) 20-AMP AND ONE (1) 15-AMP BREAKER FOR THE EXISTING SEPTIC SYSTEM. THERE ARE NO ADDITIONAL SPACES FOR BREAKERS IN THE SUBPANEL. THE ELECTRIC SUBPANEL IS IN AN UNFINISHED AREA.
 2. EXISTING SEPTIC SYSTEM BREAKERS ARE LOCATED IN THE BASEMENT SUBPANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 3. CONTRACTOR SHALL PROVIDE TEMPORARY POWER FOR PROPOSED GRINDER PUMP START UP SERVICES DUE TO LACK OF ADDITIONAL SPACES IN THE EXISTING SUBPANEL. REVIEW START UP PROCEDURES WITH THE ENGINEER AS NEEDED.
 4. CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE BASEMENT SUBPANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
 5. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE SUBPANEL IN THE BASEMENT TO THE PROPOSED CONTROL PANEL.
 6. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE SUBPANEL IN THE BASEMENT TO THE PROPOSED CONTROL PANEL.
 7. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARCATION OF PROPERTY OWNER MAINTENANCE:

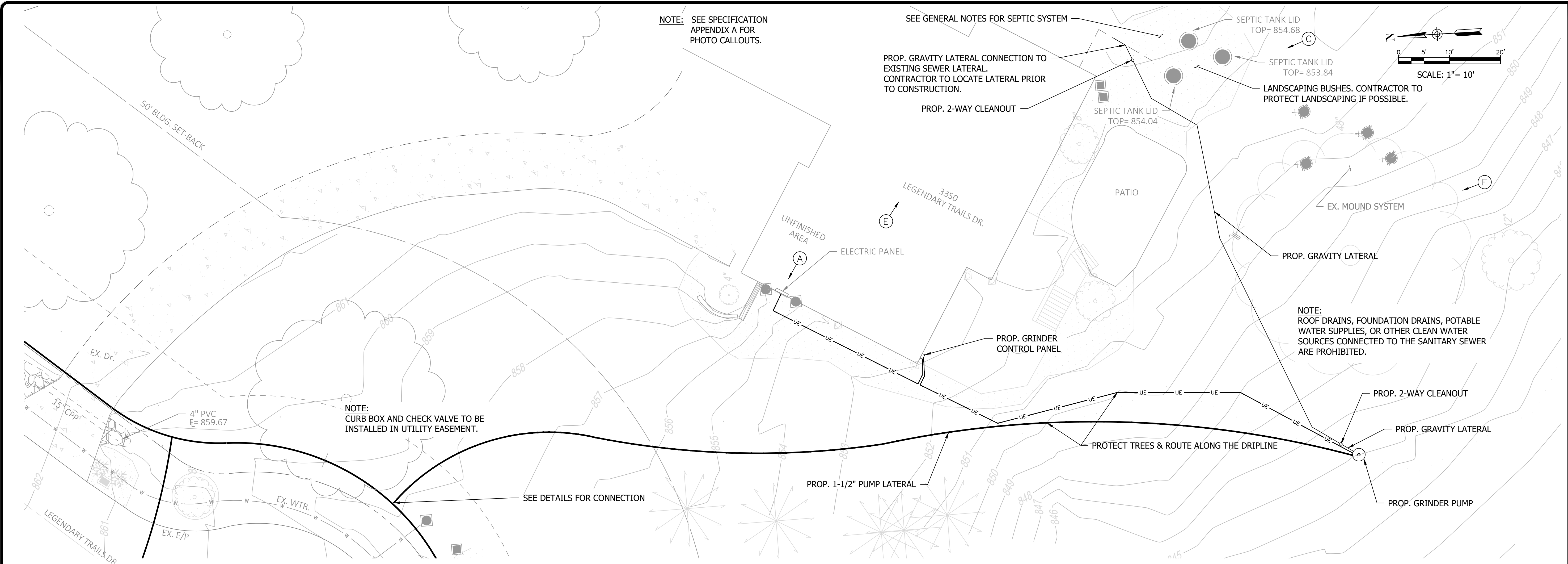
THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE



ENVIRONMENTAL ENGINEERING SERVICE

3575 Columbia Road
Lebanon, Ohio 45036
513-834-1512 513-834-1515 FAX

Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	Leg Tr Grinders		

- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

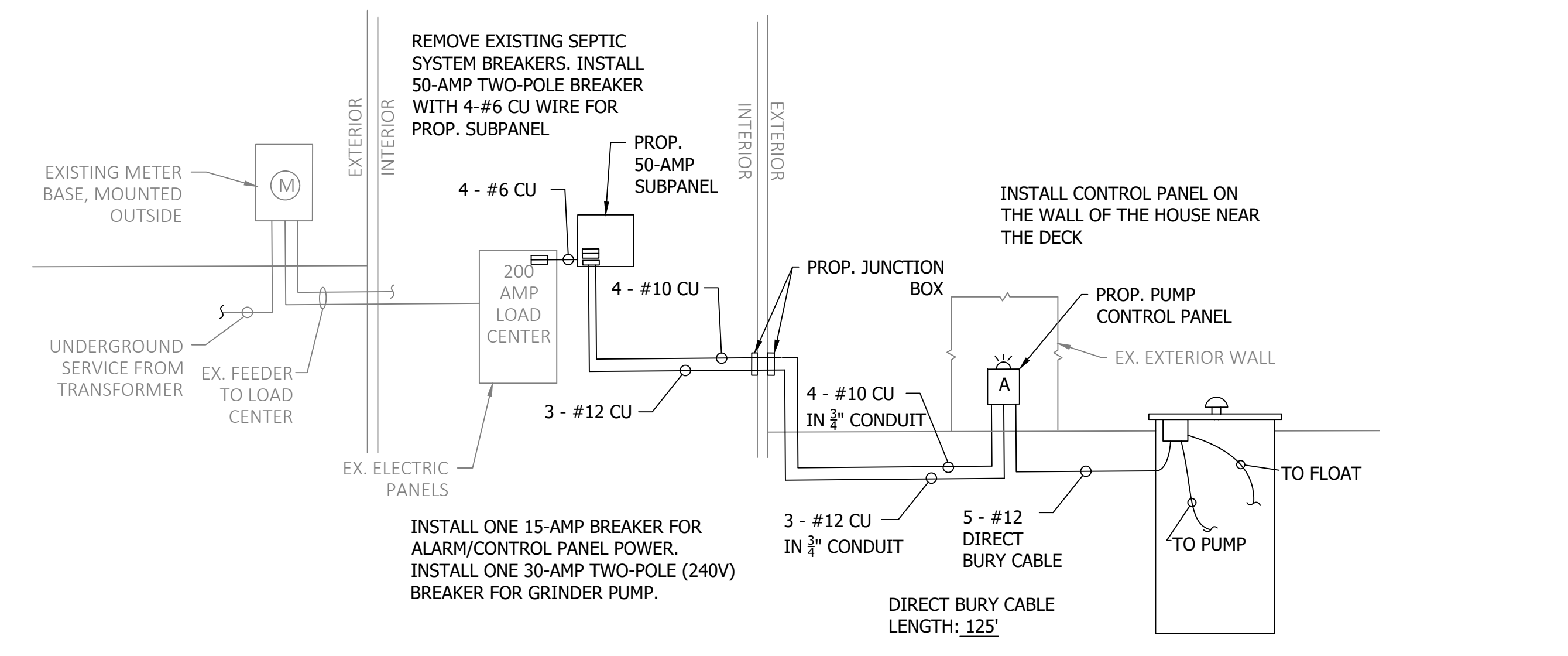
THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

- ELECTRIC NOTES:**
1. THERE IS ONE EXISTING 200-AMP SERVICE PANEL IN THE BASEMENT. THE EXISTING PANEL HAS NO ADDITIONAL SPACES FOR THE PROPOSED BREAKERS. THERE ARE ONLY TWO SPACES AVAILABLE WHEN THE EXISTING SEPTIC SYSTEM BREAKERS ARE REMOVED.
 2. REMOVE EXISTING SEPTIC SYSTEM BREAKERS FROM TWO SPACES AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 3. CONTRACTOR TO INSTALL PROPOSED TWO-POLE 50-AMP BREAKER FOR PROPOSED SUBPANEL IN THE EXISTING SERVICE PANEL. CONTRACTOR TO INSTALL PROPOSED SIX (6) SPACE 100-AMP RATED SUBPANEL NEXT TO THE EXISTING SERVICE PANEL FOR THE PROPOSED GRINDER PUMP SYSTEM BREAKERS. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE PROPOSED SUBPANEL.
 4. ROUTE 3-#6 WITH GROUND (4-#6 TOTAL) FROM THE 50-AMP BREAKER TO THE PROPOSED SUBPANEL.
 5. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE PROPOSED SUBPANEL TO THE PROPOSED CONTROL PANEL.
 6. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE PROPOSED SUBPANEL TO THE PROPOSED CONTROL PANEL.
 7. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 8. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



ELECTRIC DETAILS
SCALE: NTS

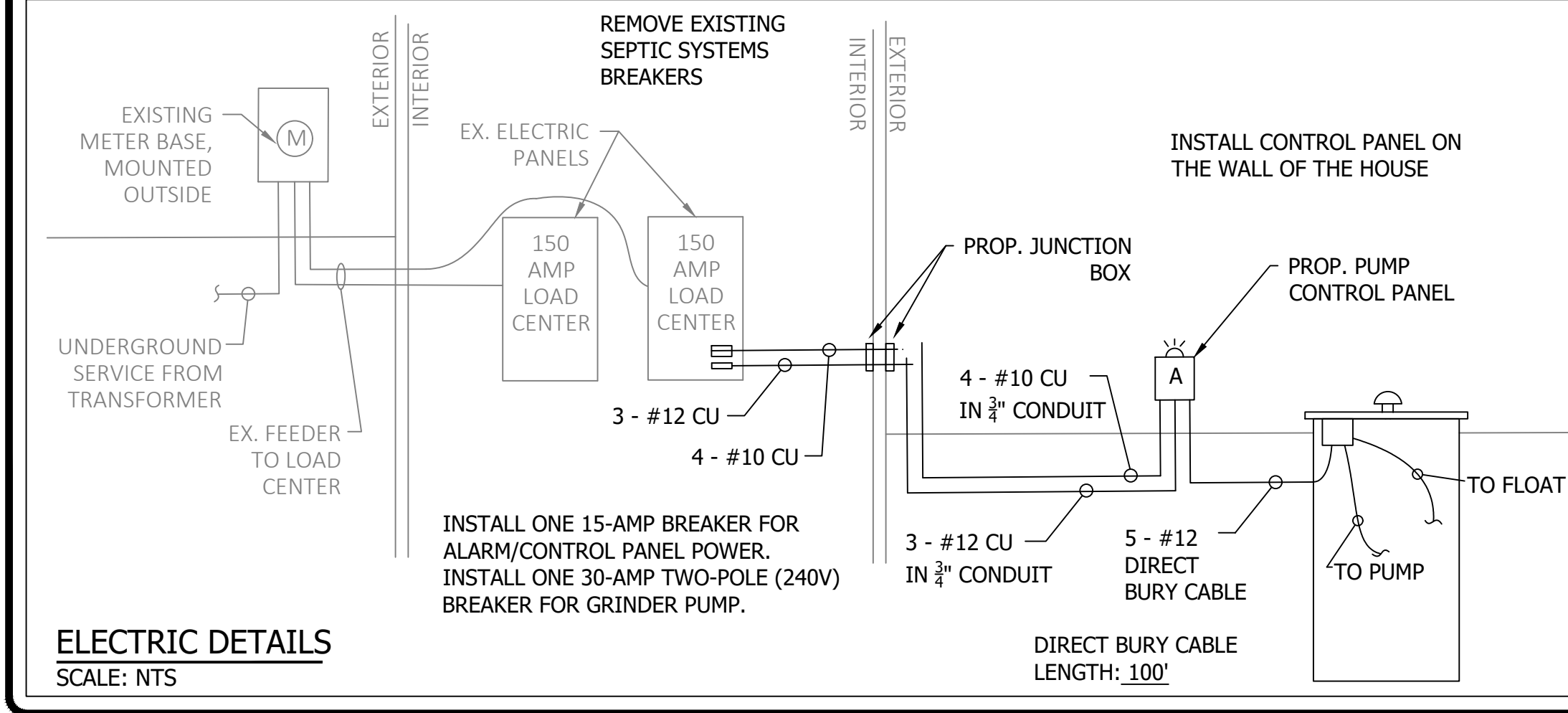
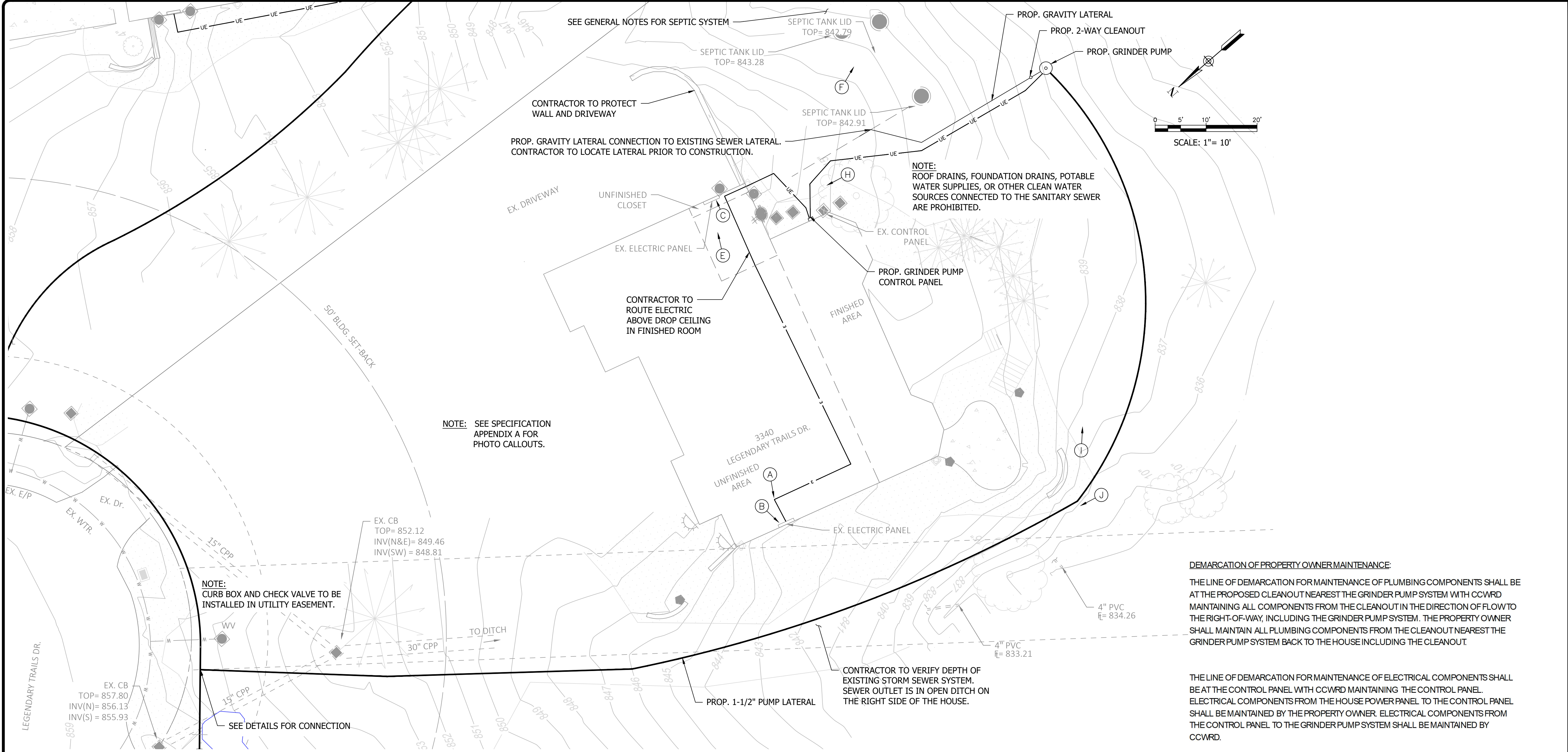
LEGENDARY TRAILS SAN. SEWER COLL. SYSTEM PROJECT No. 6402-60228

CLERMONT COUNTY OHIO

Scale AS NOTED

GRINDER PLAN 3350 LEGENDARY TRAILS DRIVE

SHEET NUMBER **26**

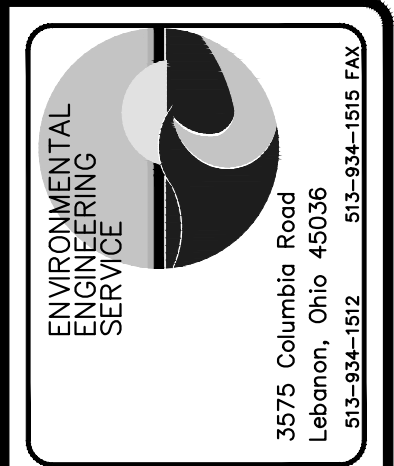


- ELECTRIC NOTES:**
1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING PANEL ON THE RIGHT SIDE OF THE BASEMENT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE RIGHT SIDE PANEL.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE RIGHT SIDE PANEL TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE RIGHT SIDE PANEL TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC WORK IS IN AN UNFINISHED SECTION OF THE BASEMENT. CONTRACTOR SHALL REVIEW ELECTRIC ROUTING WITH ENGINEER DURING PRE-CONSTRUCTION MEETING. PROPOSED WIRING SHALL BE ROUTED ABOVE THE DROP CEILING IN THE FINISHED ROOM.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE EXISTING PANEL IN THE UNFINISHED CLOSET ON THE LEFT SIDE OF THE BASEMENT AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	10/2023
Checked by:	MZ	Date:	02/23/24
Approved by:	JMM	Date:	02/23/24
Col. File Name:	Leg Tr Grinders		

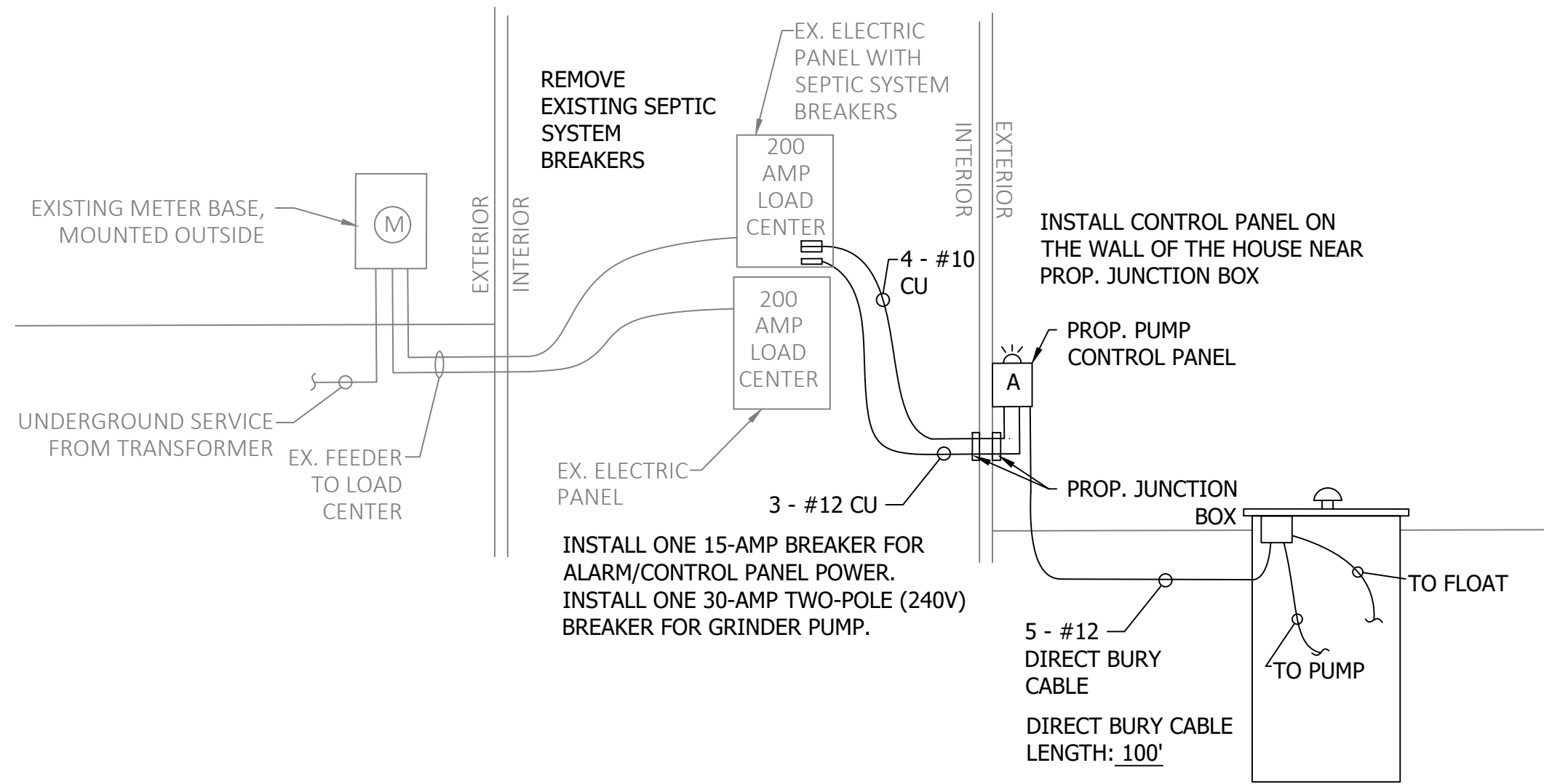
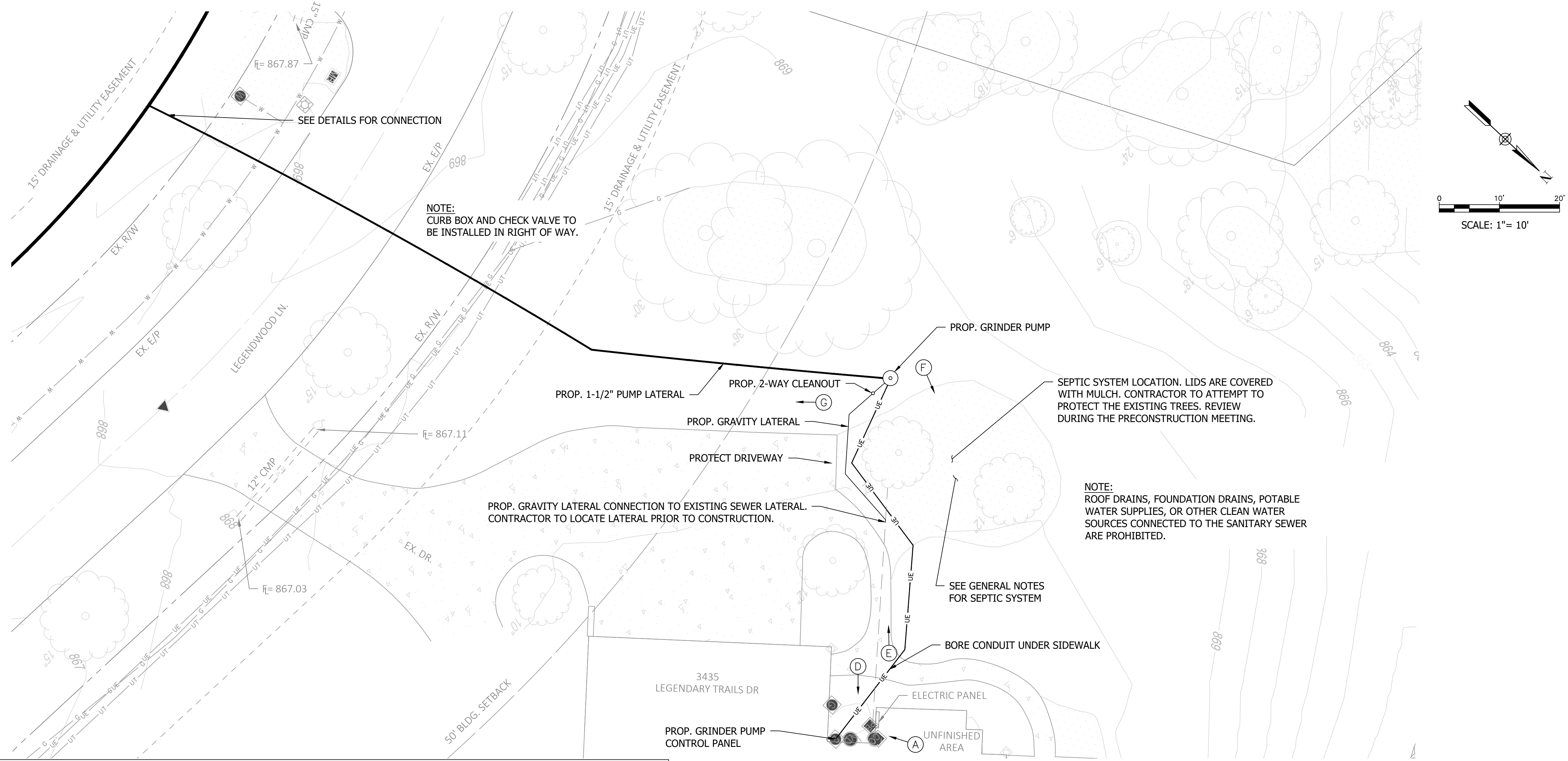
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

Scale
AS NOTED

**GRINDER
PLAN
3340
LEGENDARY
TRAILS
DRIVE**

SHEET NUMBER
27



FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 200-AMP SERVICE PANELS. THE EXISTING PANEL ON THE LEFT SIDE OF THE BASEMENT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE LEFT SIDE PANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE LEFT SIDE BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE LEFT SIDE BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE LEFT BASEMENT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARICATION OF PROPERTY OWNER MAINTENANCE

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE



Revisions	Date	Drawn By

Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Scale:	Legendwood Grinders

Date:	11/2023
Date:	03/22/24
Date:	03/25/24

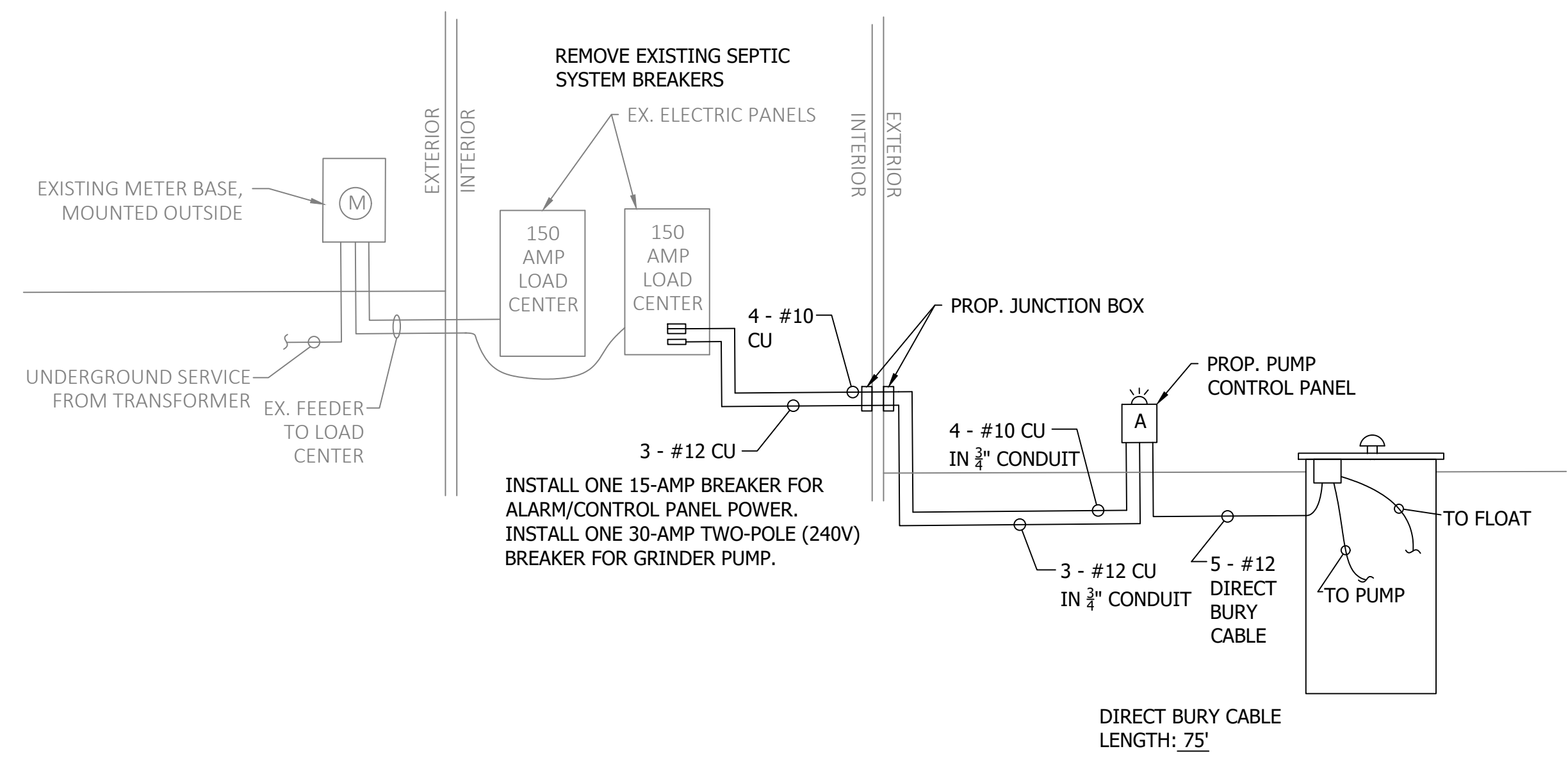
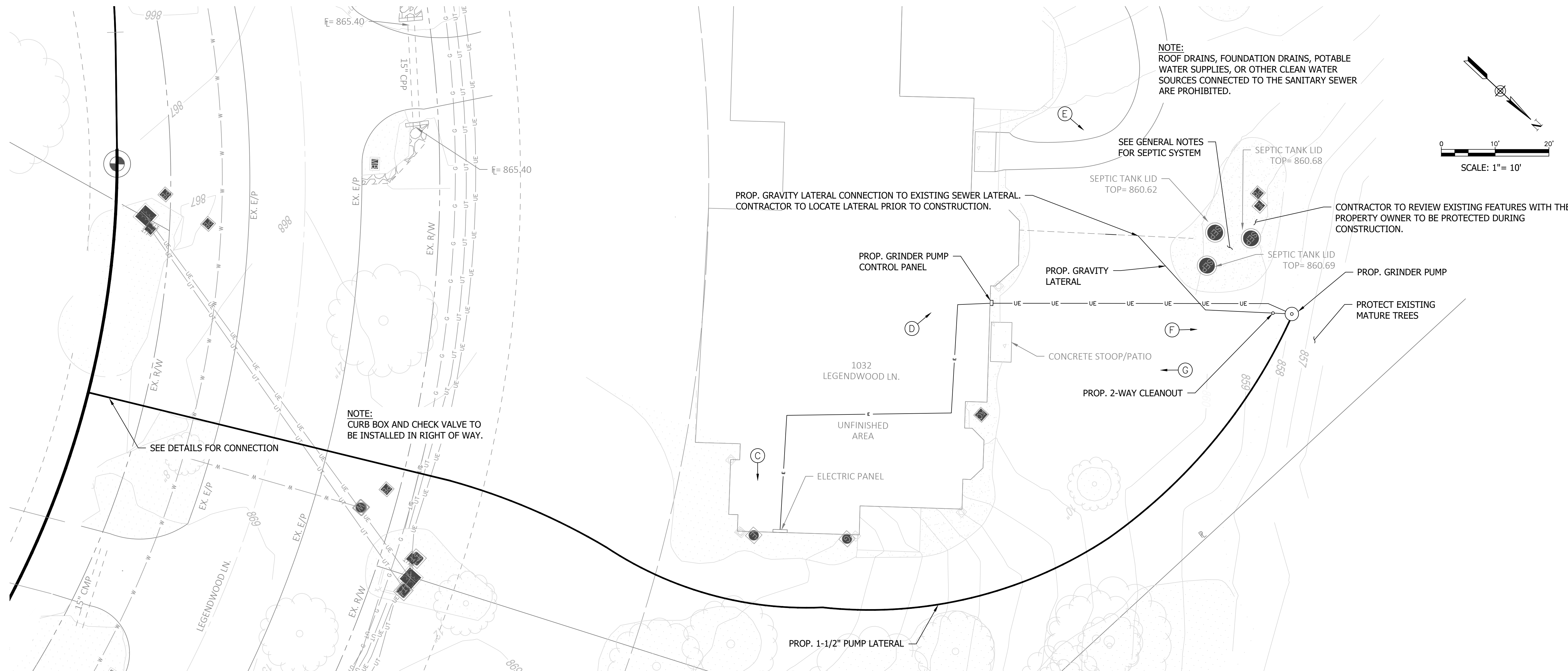
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1"=10'

**GRINDER
PLAN
3435
LEGENDARY
TRAILS
DRIVE**

SHEET NUMBER
28



ELECTRIC DETAILS
SCALE: NTS

FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 150 SERVICE PANELS. THE EXISTING PANEL ON THE RIGHT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE RIGHT PANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE RIGHT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

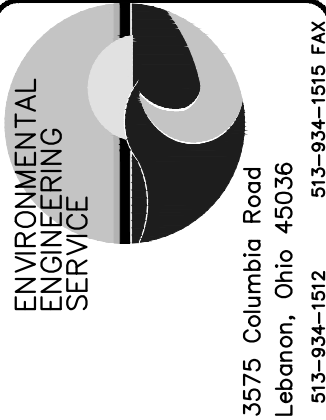
DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	Legendwood Grinders		

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

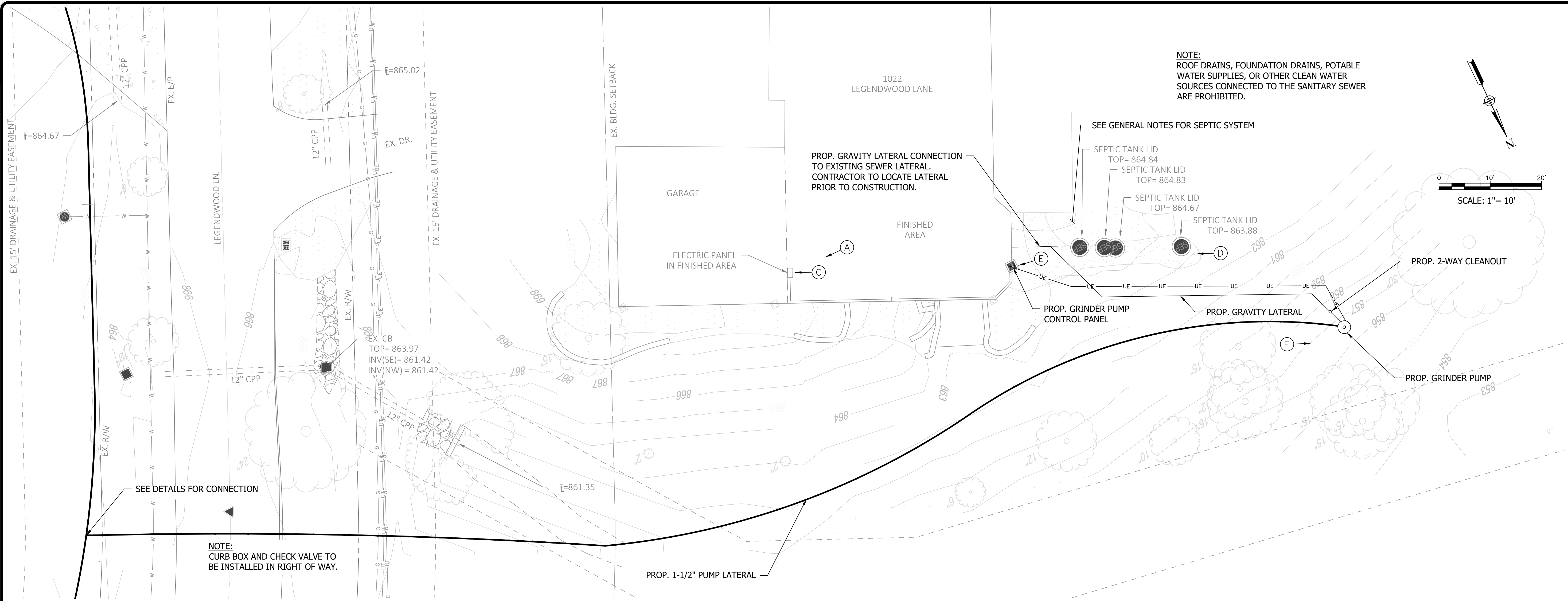
CLERMONT COUNTY
OHIO

Scale
1" = 10'

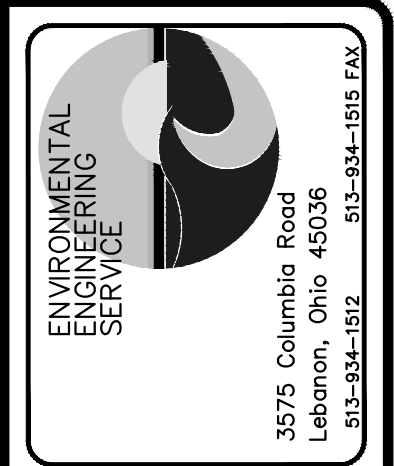
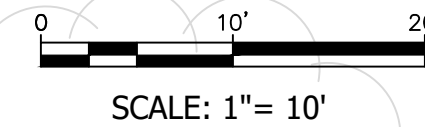
**GRINDER
PLAN
1032
LEGENDWOOD
LANE**

SHEET NUMBER
29

Legendwood Grinders.dwg 11/29/2023



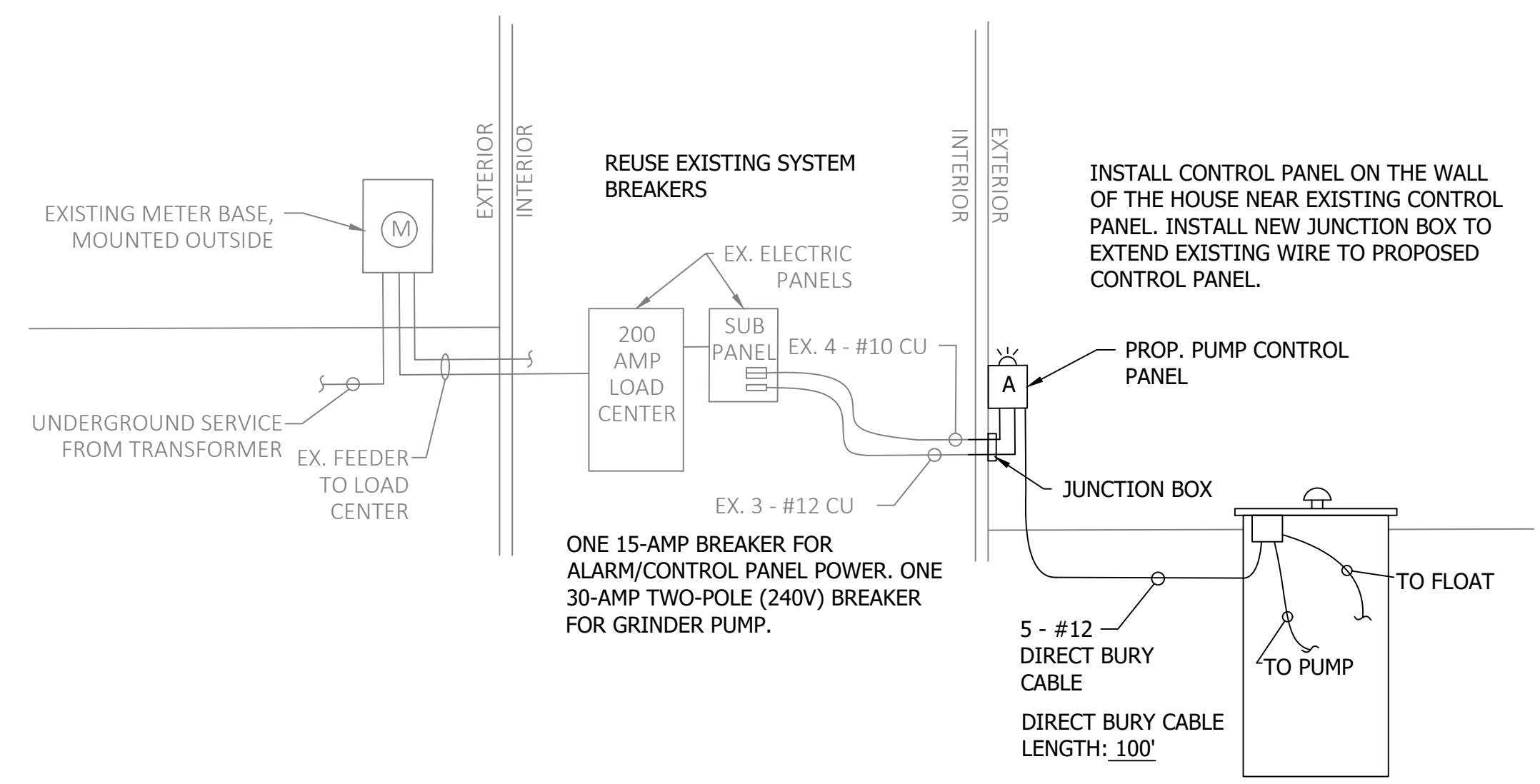
NOTE:
 ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Col. File Name:	Legendwood Grinders		

NOTE:
 CURB BOX AND CHECK VALVE TO BE INSTALLED IN RIGHT OF WAY.



ELECTRIC DETAILS
 SCALE: NTS

- FOR PROPOSED LATERAL PIPING:**
- CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 - REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 - USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 - ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 - USE FITTINGS LESS THAN OR EQUAL TO 45°.
 - REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
- THERE IS ONE (1) EXISTING 200-AMP SERVICE PANEL WITH A 125-AMP SUBPANEL. THE SUBPANEL IN THE BASEMENT HAS ONE (1) TWO-POLE 30-AMP BREAKER AND ONE (1) 15-AMP BREAKER FOR THE EXISTING SEPTIC SYSTEM. THERE ARE NO ADDITIONAL SPACES FOR BREAKERS IN THE SUBPANEL. THE ELECTRIC SUBPANEL IS BEHIND A PANEL IN A FINISHED WALL.
 - REUSE EXISTING SEPTIC SYSTEM BREAKERS AFTER GRINDER PUMP SYSTEM HAS BEEN INSTALLED AND APPROVED.
 - CONTRACTOR SHALL PROVIDE TEMPORARY POWER FOR PROPOSED GRINDER PUMP START UP SERVICES DUE TO LACK OF ADDITIONAL SPACES IN THE EXISTING SUBPANEL. REVIEW START UP PROCEDURES WITH THE ENGINEER AS NEEDED.
 - INSTALL JUNCTION BOX IN THE LOCATION OF THE EXISTING CONTROL PANEL AND ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) AND 3-#10 WITH GROUND (4-#10 TOTAL) FROM THE PROPOSED JUNCTION BOX TO THE PROPOSED CONTROL PANEL. CONTRACTOR TO CONFIRM EXISTING CIRCUIT BREAKER CONNECTIONS TO EXISTING WIRING. PROPERLY GROUND BOTH CIRCUITS.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

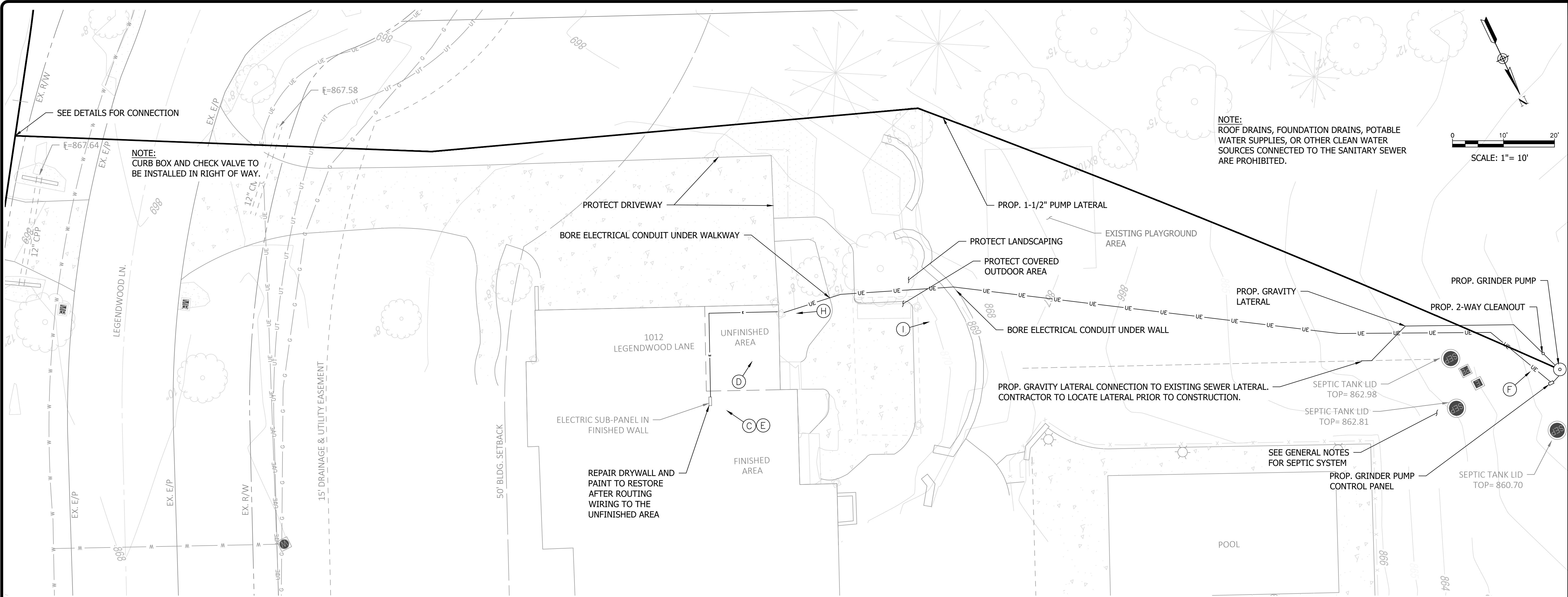
LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

CLERMONT COUNTY
OHIO

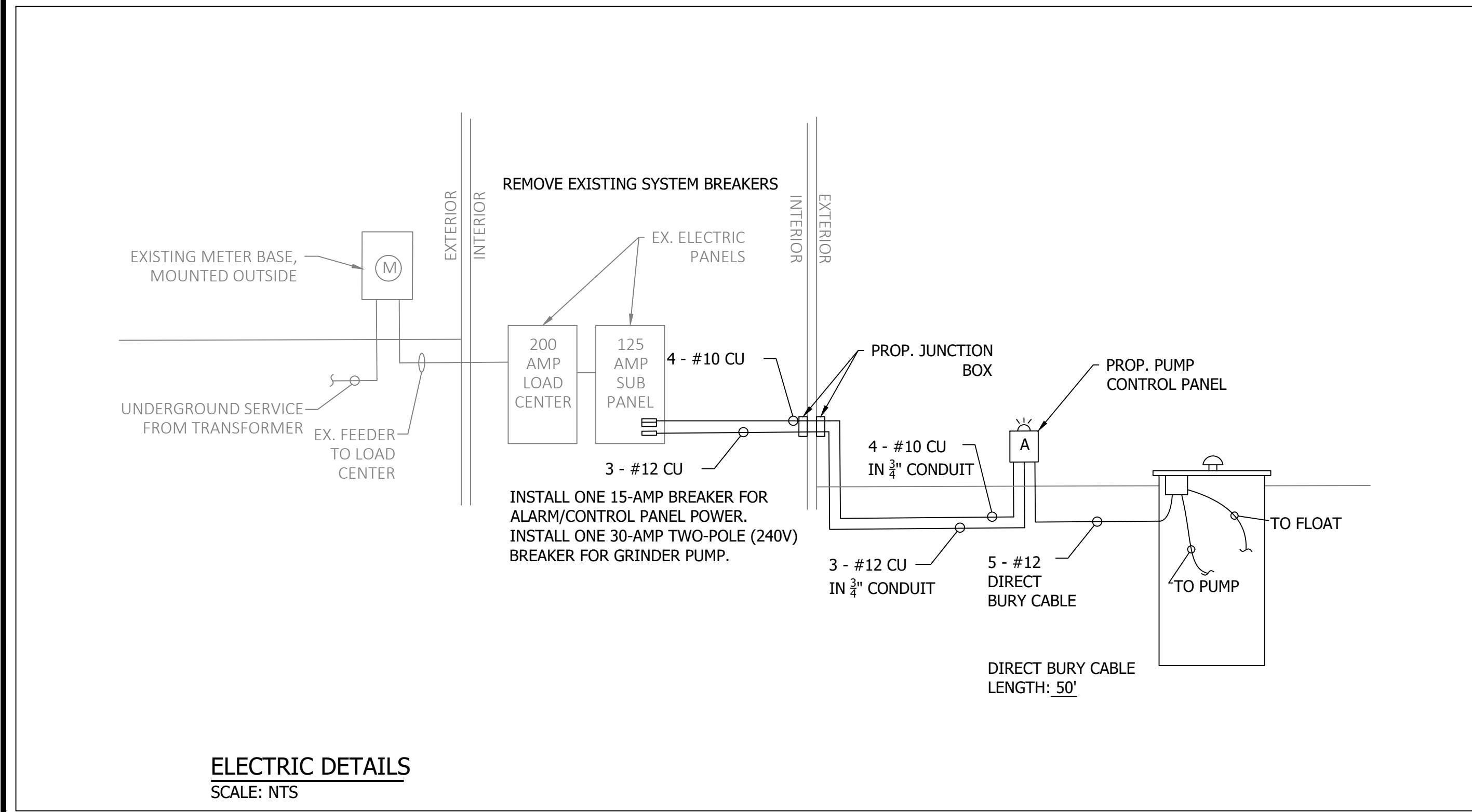
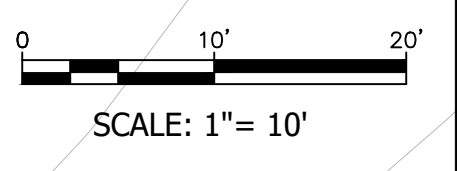
Scale
1"= 10'

GRINDER PLAN
1022
LEGENDWOOD LANE

SHEET NUMBER
30



NOTE:
ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.



- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
1. THERE IS ONE (1) EXISTING 200-AMP SERVICE PANEL WITH A 125-AMP SUBPANEL. THERE ARE ADDITIONAL SPACES FOR BREAKERS IN THE SUBPANEL. THE ELECTRIC SUBPANEL IS WITHIN A FINISHED WALL ADJACENT TO AN UNFINISHED ROOM.
 2. CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE BASEMENT SUBPANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE SUBPANEL IN THE BASEMENT TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE SUBPANEL IN THE BASEMENT TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC ROUTING WILL NEED TO GO THROUGH FINISHED SPACES OF THE BASEMENT AREA. CONTRACTOR SHALL REVIEW ELECTRIC ROUTING WITH ENGINEER DURING PRE-CONSTRUCTION MEETING. PROPOSED WIRING SHALL BE ROUTED BEHIND DRYWALL IN FINISHED SPACES. CONTRACTOR SHALL ATTEMPT TO REUSE EXISTING JUNCTION BOX ON THE BACK OF THE HOUSE.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE EXISTING SUBPANEL IN THE BASEMENT AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARCATION OF PROPERTY OWNER MAINTENANCE:

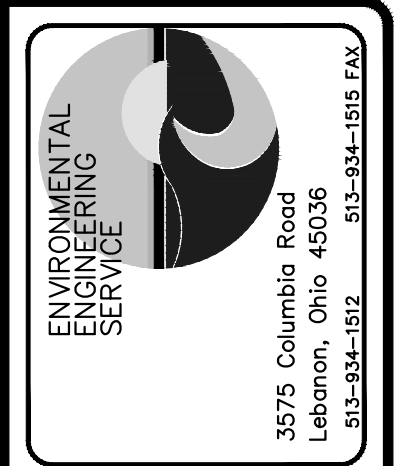
THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE



Revisions	Date	Drawn By

Date:	11/20/23
Checked by:	ZM
Approved by:	JMM
Job No.:	03/22/24
Job Date:	03/25/24
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Job No.:	03/22/24
Job Date:	03/25/24
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Job No.:	03/22/24
Job Date:	03/25/24

Legendwood Grinders

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1" = 10'

**GRINDER PLAN
1012
LEGENDWOOD LANE**

SHEET NUMBER
31

DEMARCATION OF PROPERTY OWNER MAINTENANCE

THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE

SEE DETAILS FOR CONNECTION

NOTE:
CURB BOX AND CHECK VALVE TO BE INSTALLED IN RIGHT OF WAY.

PROP. 1-1/2" PUMP LATERAL

PROP. GRAVITY LATERAL CONNECTION TO EXISTING SEWER LATERAL. CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

PROP. 1-1/2" PUMP LATERAL

PROP. 2-WAY CLEANOUT

SEE ABOVE FOR CONTINUATION OF LATERAL PIPING AND ELECTRICAL WORK.

CONTRACTOR TO INSTALL FIBERGLASS ELECTRICAL PULL BOX

YARD AREA WITH LIGHTING

EX. FENCE

POOL

POOL DECK/PATIO

FINISHED AREA

UNFINISHED AREA

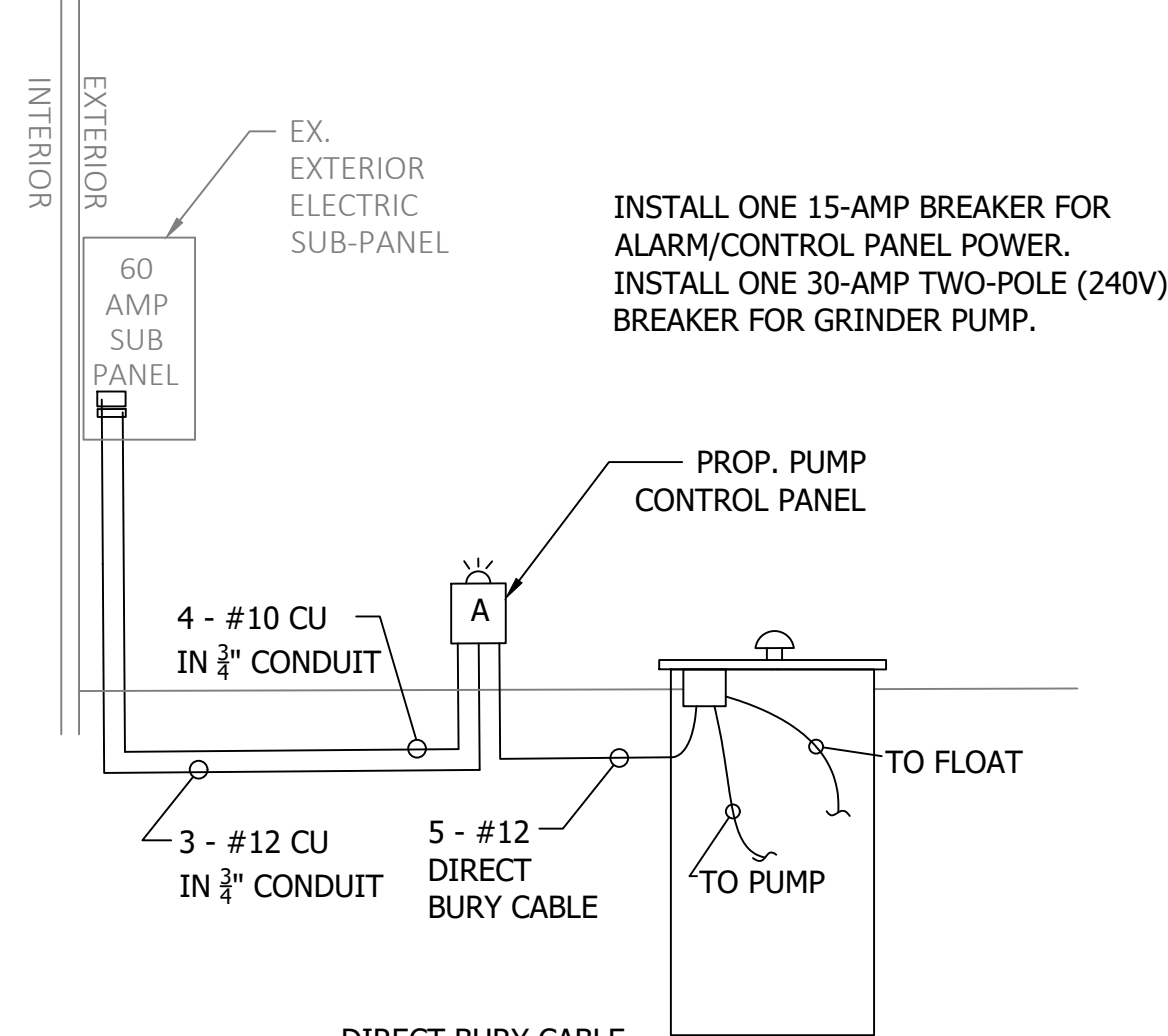
1002 LEGENDWOOD LANE

NOTE:
ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.

CONTRACTOR TO INSTALL FIBERGLASS ELECTRICAL PULL BOX

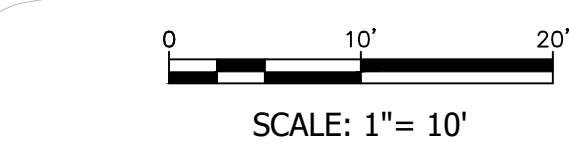
SEE BELOW FOR ADDITIONAL INFORMATION

REMOVE EXISTING SEPTIC SYSTEM BREAKERS FROM 200-AMP LOAD CENTER LOCATED INSIDE THE HOUSE



ELECTRIC DETAILS
SCALE: NTS

DIRECT BURY CABLE LENGTH: 50'



FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE IS ONE (1) EXISTING 200-AMP SERVICE PANEL IN THE BASEMENT WITH A 60-AMP SUBPANEL ON THE EXTERIOR OF THE HOUSE. THERE ARE ADDITIONAL SPACES FOR BREAKERS IN THE SUBPANEL.
2. CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE EXTERIOR SUBPANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE EXTERIOR SUBPANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE EXTERIOR SUBPANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRICAL ROUTING WILL NEED TO GO THROUGH THE BACKYARD AROUND THE POOL AREA. CONTRACTOR SHALL REVIEW ELECTRICAL ROUTING WITH ENGINEER DURING PRE-CONSTRUCTION MEETING.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE EXISTING PANEL IN THE BASEMENT AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.



Revisions	Date	Drawn By

Date:	11/20/23
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Cal. File Name:	Legendwood Grinders

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

Scale
AS NOTED

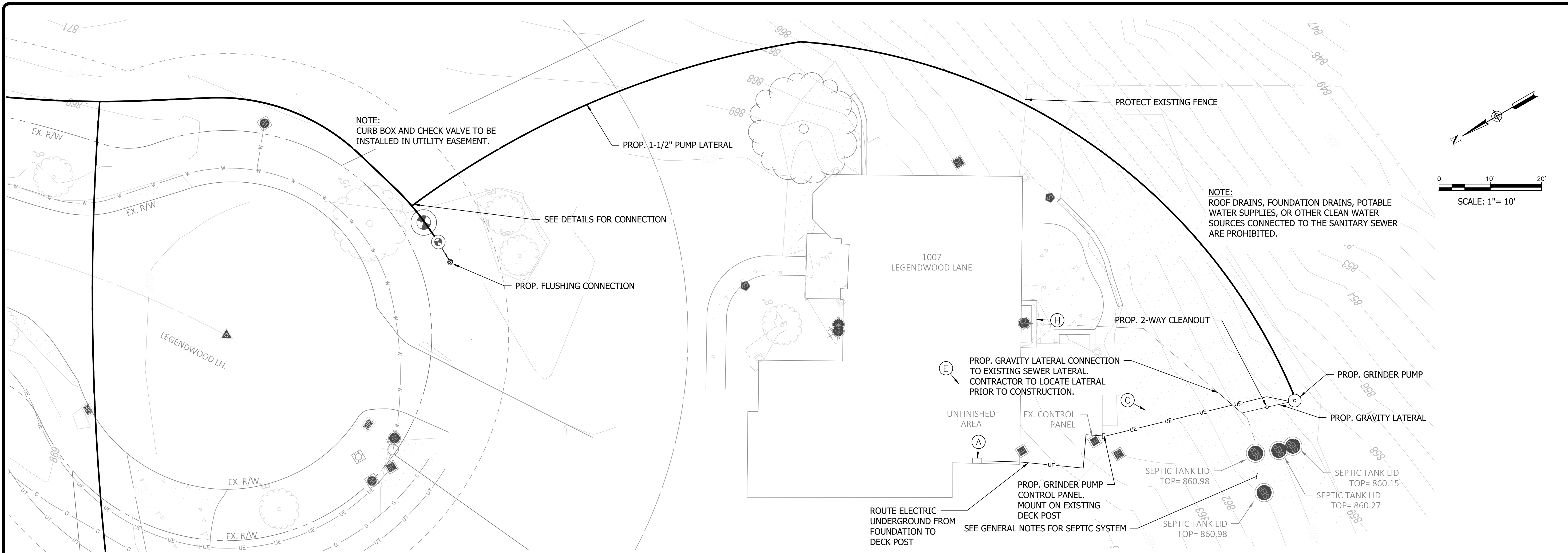
**GRINDER
PLAN
1002
LEGENDWOOD
LANE**

SHEET NUMBER
32

Legendwood Grinders.dwg

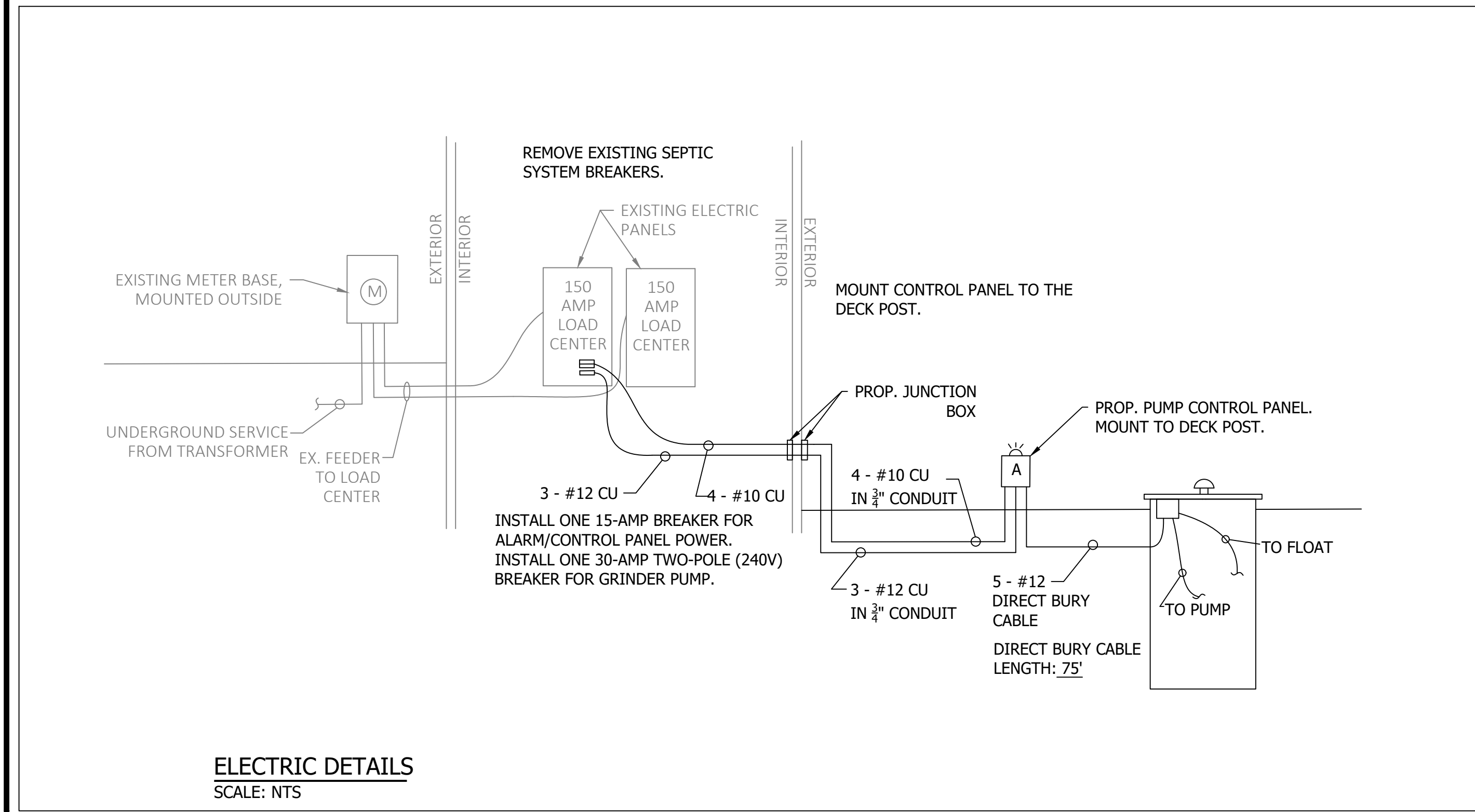
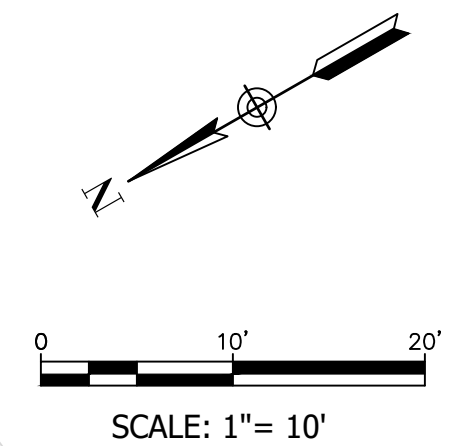
11/29/2023

Legendwood Grinders.dwg 11/29/2023



NOTE: CURB BOX AND CHECK VALVE TO BE INSTALLED IN UTILITY EASEMENT.

NOTE: ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.



ELECTRIC DETAILS
SCALE: NTS

- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC DETAIL:**
1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING PANEL ON THE LEFT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE LEFT PANEL.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE LEFT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARCATIION OF PROPERTY OWNER MAINTENANCE:

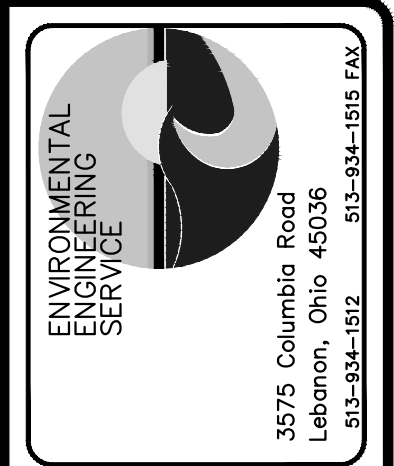
THE LINE OF DEMARCATIION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATIION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE



Revisions	Date	Drawn By

Date:	11/20/23
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Cal. File Name:	Legendwood Grinders

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

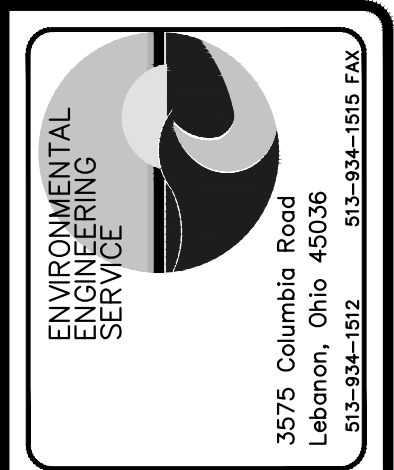
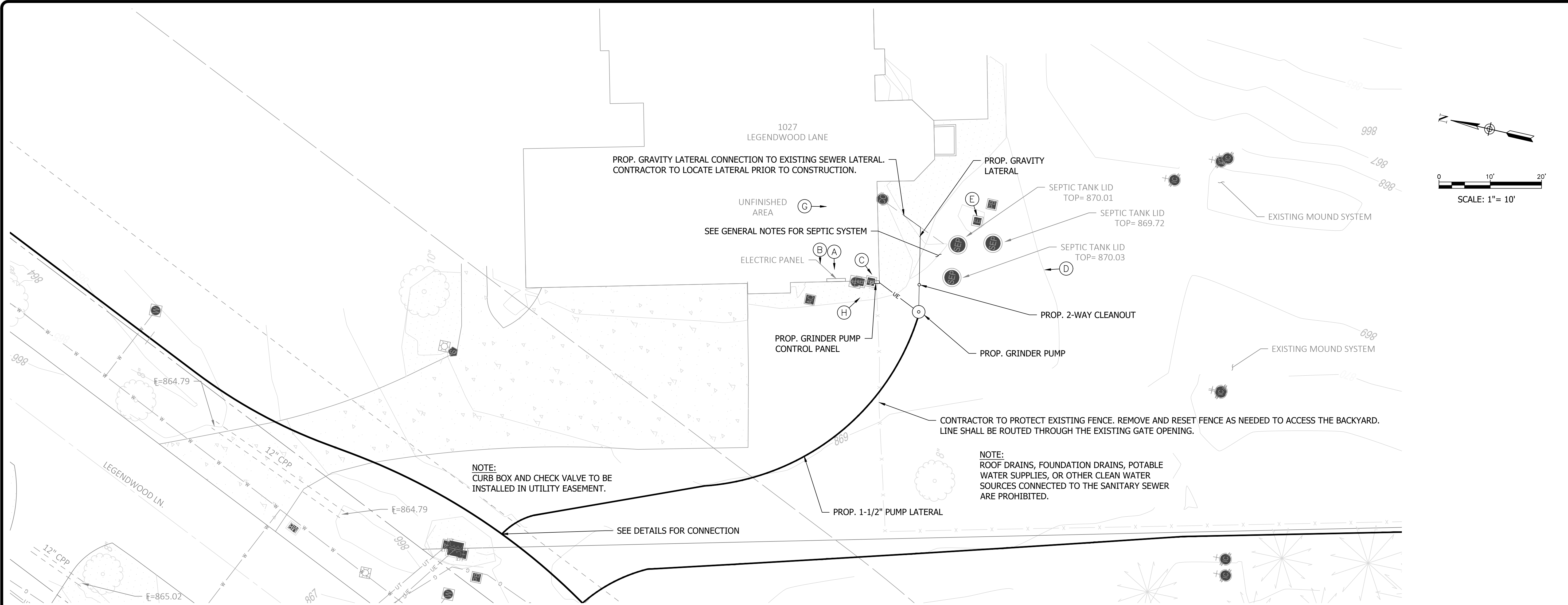
CLERMONT COUNTY
OHIO

Scale
1" = 10'

**GRINDER PLAN
1007
LEGENDWOOD LANE**

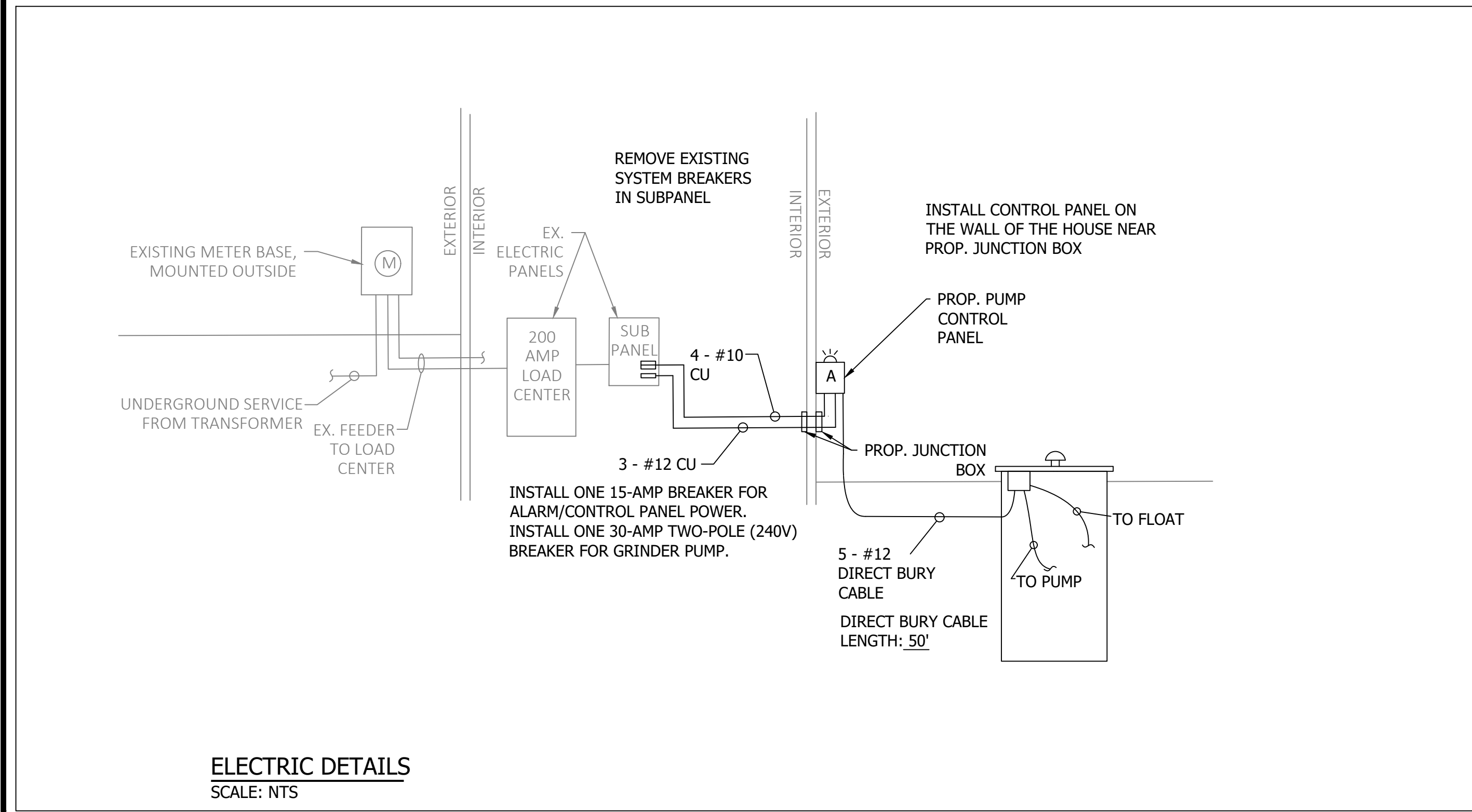
SHEET NUMBER
33

11/29/2023 Legendwood Grinders.dwg



Revisions	Date	Drawn By

Drawn By:	KFR	Date:	10/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name:	Legendwood Grinders		



- FOR PROPOSED LATERAL PIPING:**
- CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 - REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 - USE SDR-35 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 - ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 - USE FITTINGS LESS THAN OR EQUAL TO 45°.
 - REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.
- ELECTRIC NOTES:**
- THERE IS ONE EXISTING 200-AMP SERVICE PANEL WITH A 70-AMP SUBPANEL. THE EXISTING SUBPANEL HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 - CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE SUBPANEL.
 - ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE SUBPANEL TO THE PROPOSED CONTROL PANEL.
 - ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE SUBPANEL TO THE PROPOSED CONTROL PANEL.
 - ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 - EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE SUBPANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

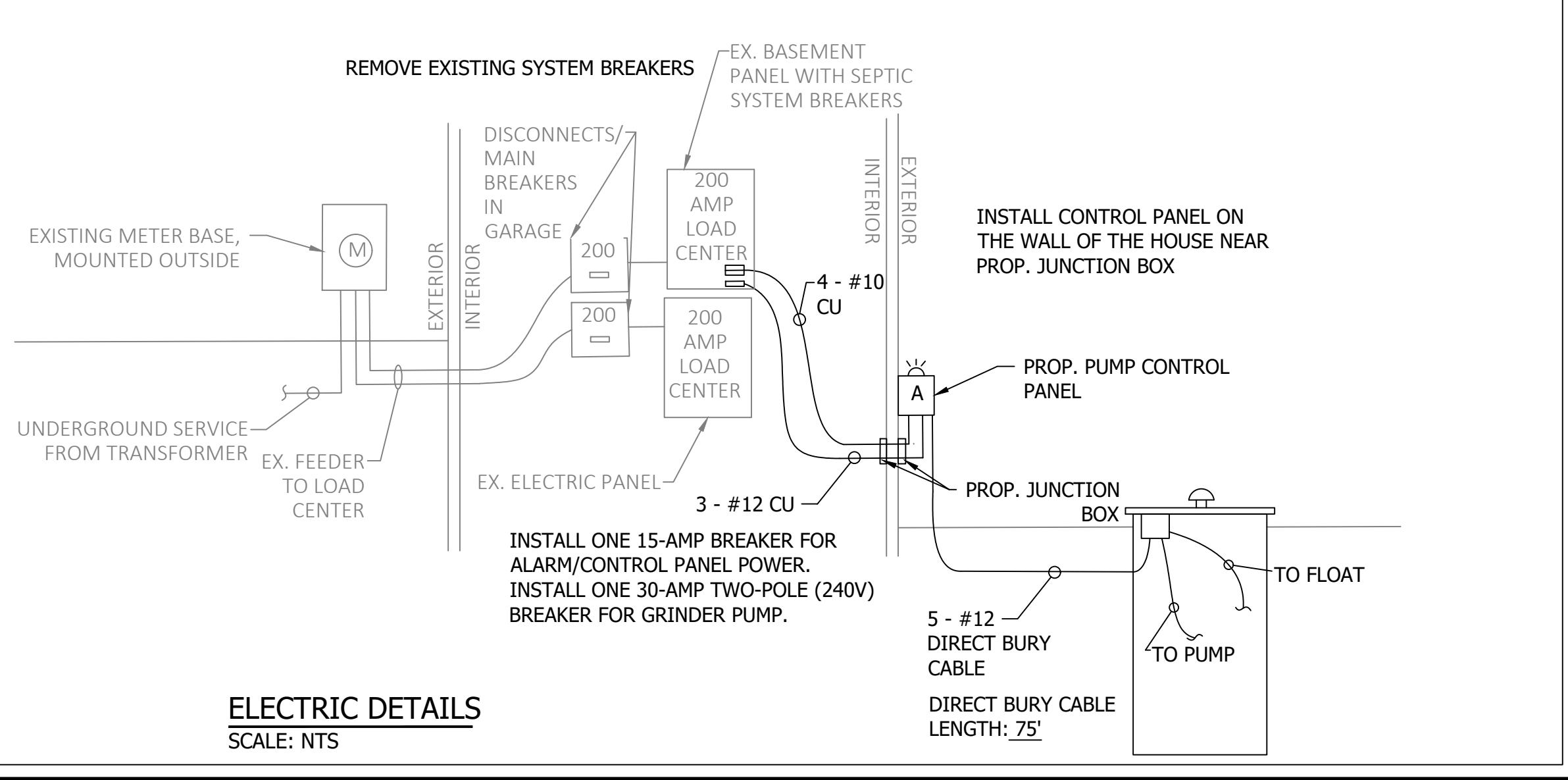
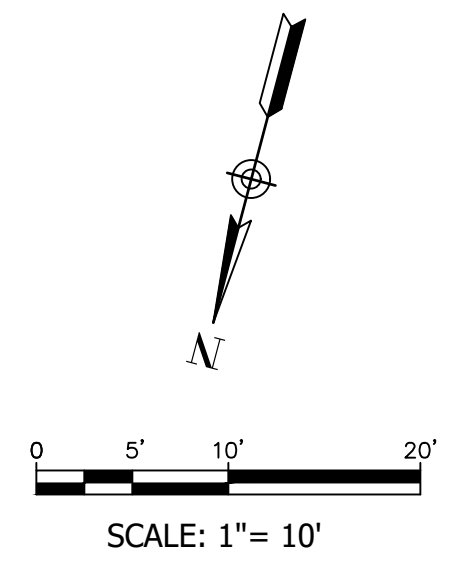
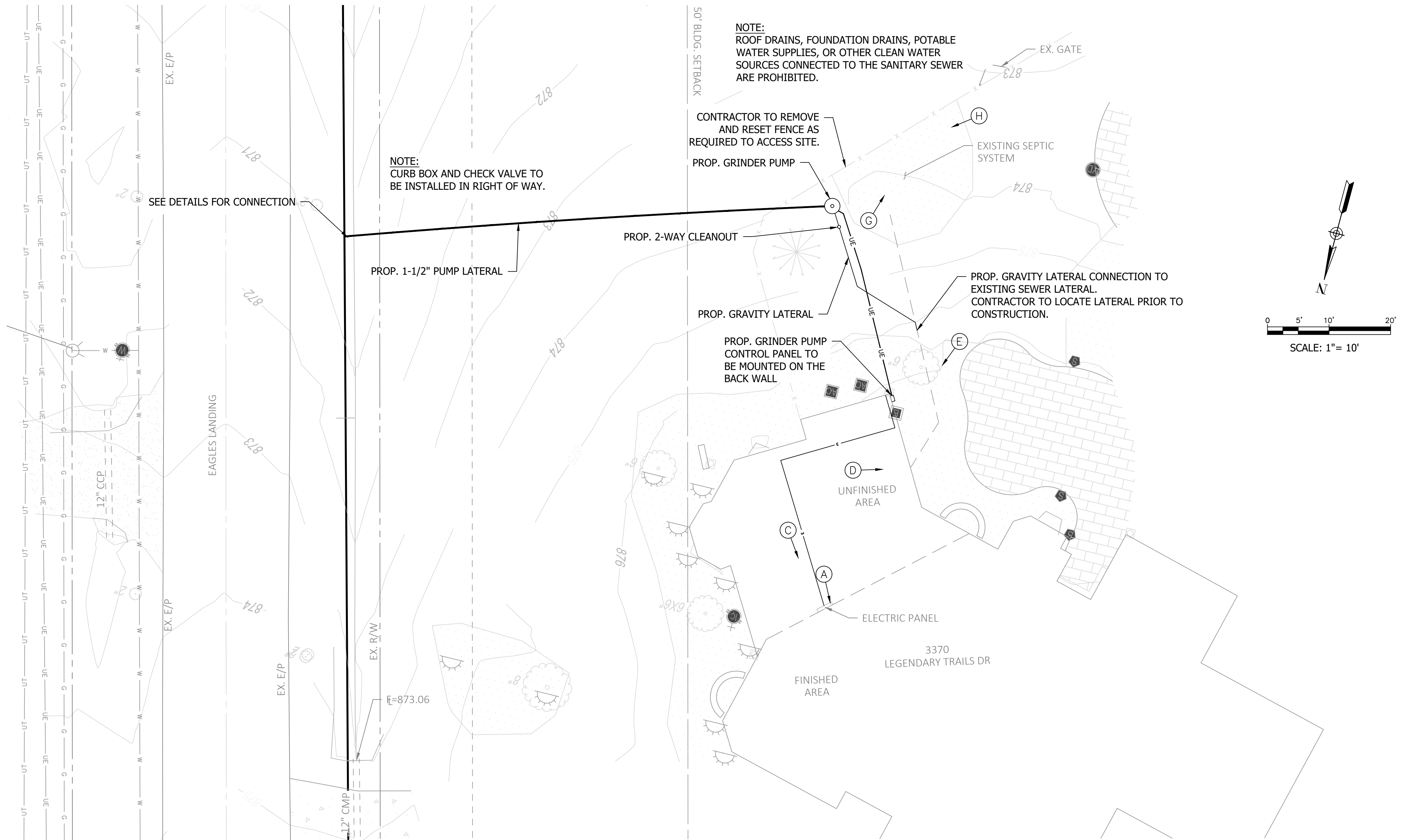
CLERMOUNT COUNTY
OHIO

Scale
1" = 10'

**GRINDER PLAN
1027
LEGENDWOOD LANE**

SHEET NUMBER
35

4/24/2024 EL-Grinders.dwg



- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
1. THERE ARE TWO (2) EXISTING 200-AMP SERVICE PANELS IN THE BASEMENT. THE EXISTING PANEL IN THE UNFINISHED AREA HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE PANEL IN THE UNFINISHED AREA.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE EXISTING ELECTRIC PANEL TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE EXISTING ELECTRIC PANEL TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE PANEL IN THE UNFINISHED AREA AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

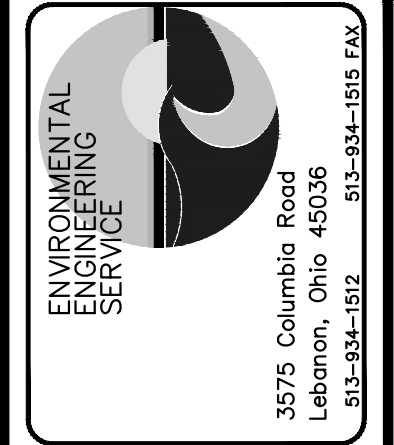
DEMARICATION OF PROPERTY OWNER MAINTENANCE

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Revisions	Date	Drawn By

Date:	11/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Date:	03/22/24
Date:	03/25/24

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

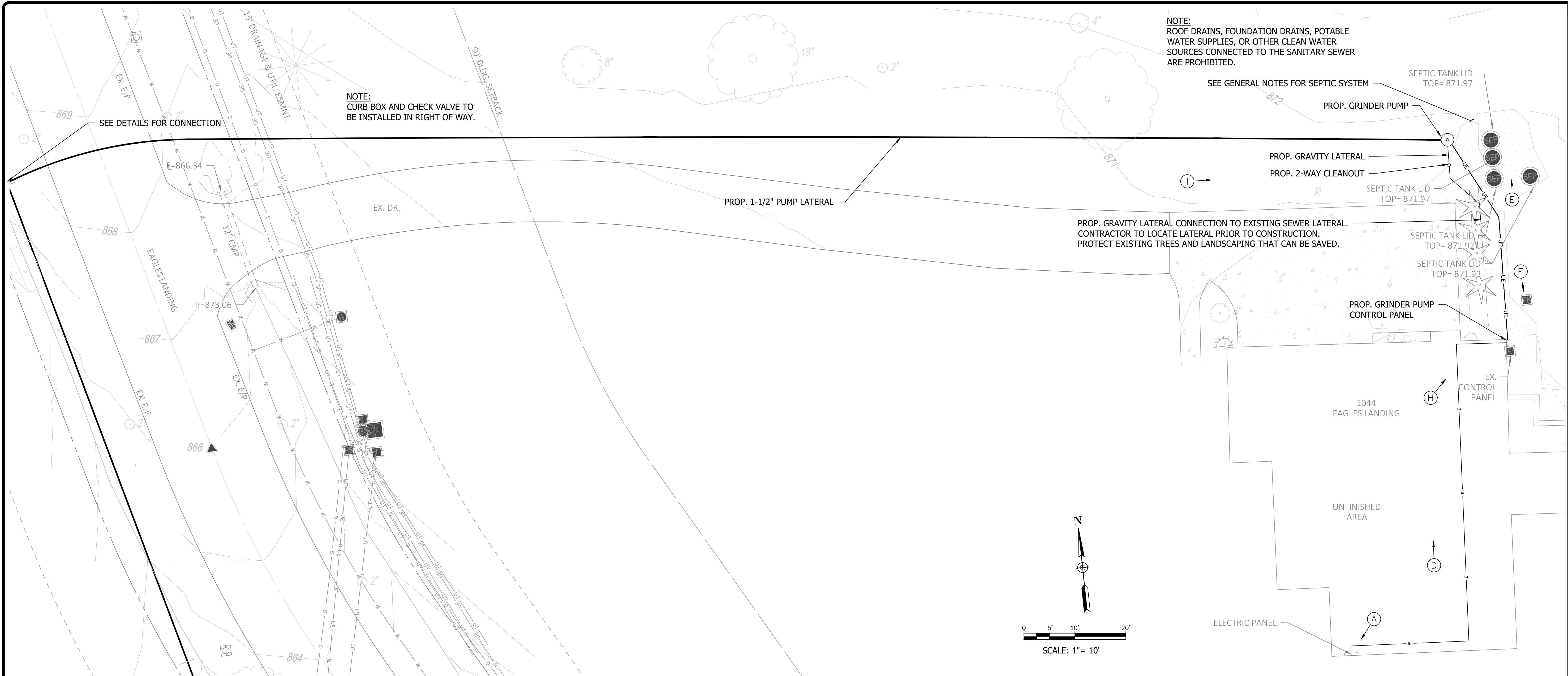
Scale
1" = 10'

**GRINDER
PLAN
3370
LEGENDARY
TRAILS
DRIVE**

SHEET NUMBER
36

EL-Grinders.dwg

4/24/2024



ENVIRONMENTAL ENGINEERING SERVICE

3575 Columbia Road
Lebanon, Ohio 45036
513-834-1512 513-834-1515 FAX

Date	Drawn By

Date	Checked By	Date	Approved By
11/2023	KFR	03/22/24	ZM
03/25/24	JMM		

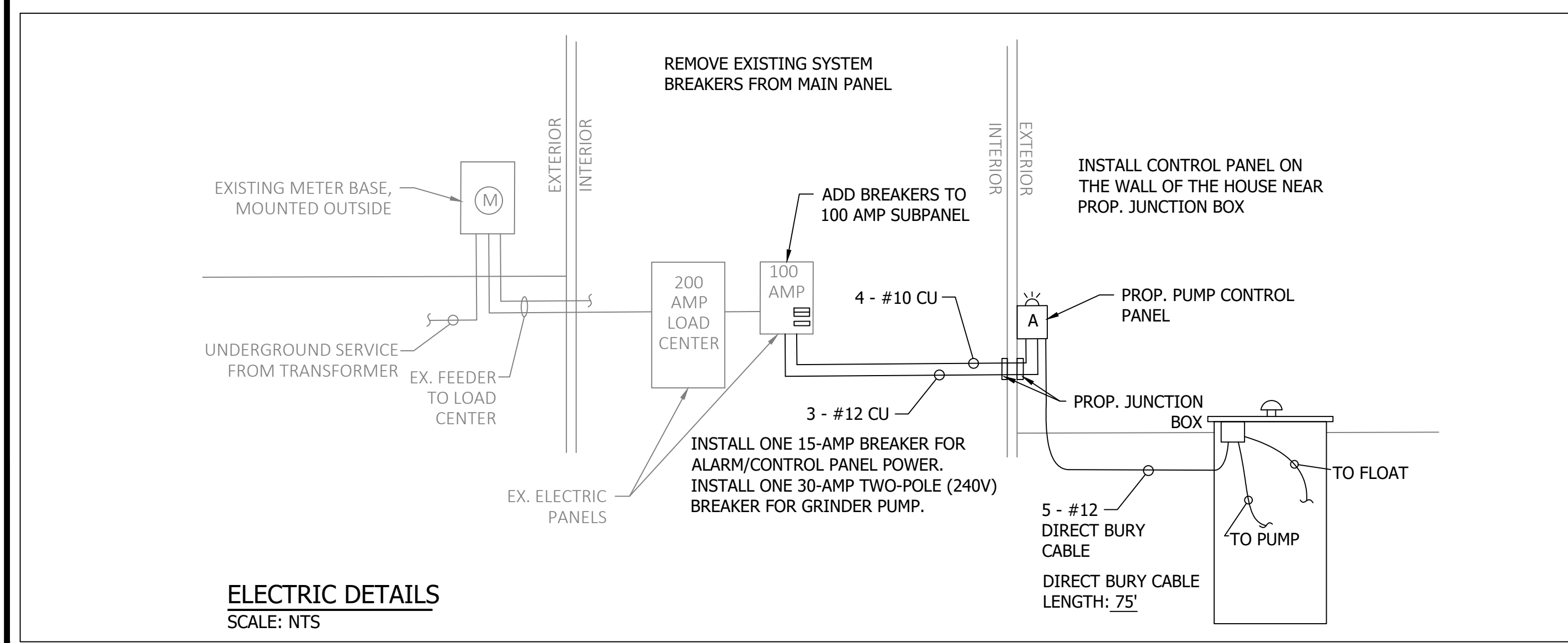
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1" = 10'

**GRINDER PLAN
1044
EAGLES LANDING**

SHEET NUMBER
37



- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTIC NOTES:**
1. THERE IS ONE EXISTING 200-AMP SERVICE PANEL WITH A 100-AMP SUBPANEL. THE EXISTING SUBPANEL HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE SUBPANEL.
 3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE SUBPANEL TO THE PROPOSED CONTROL PANEL.
 4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE SUBPANEL TO THE PROPOSED CONTROL PANEL.
 5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE MAIN PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

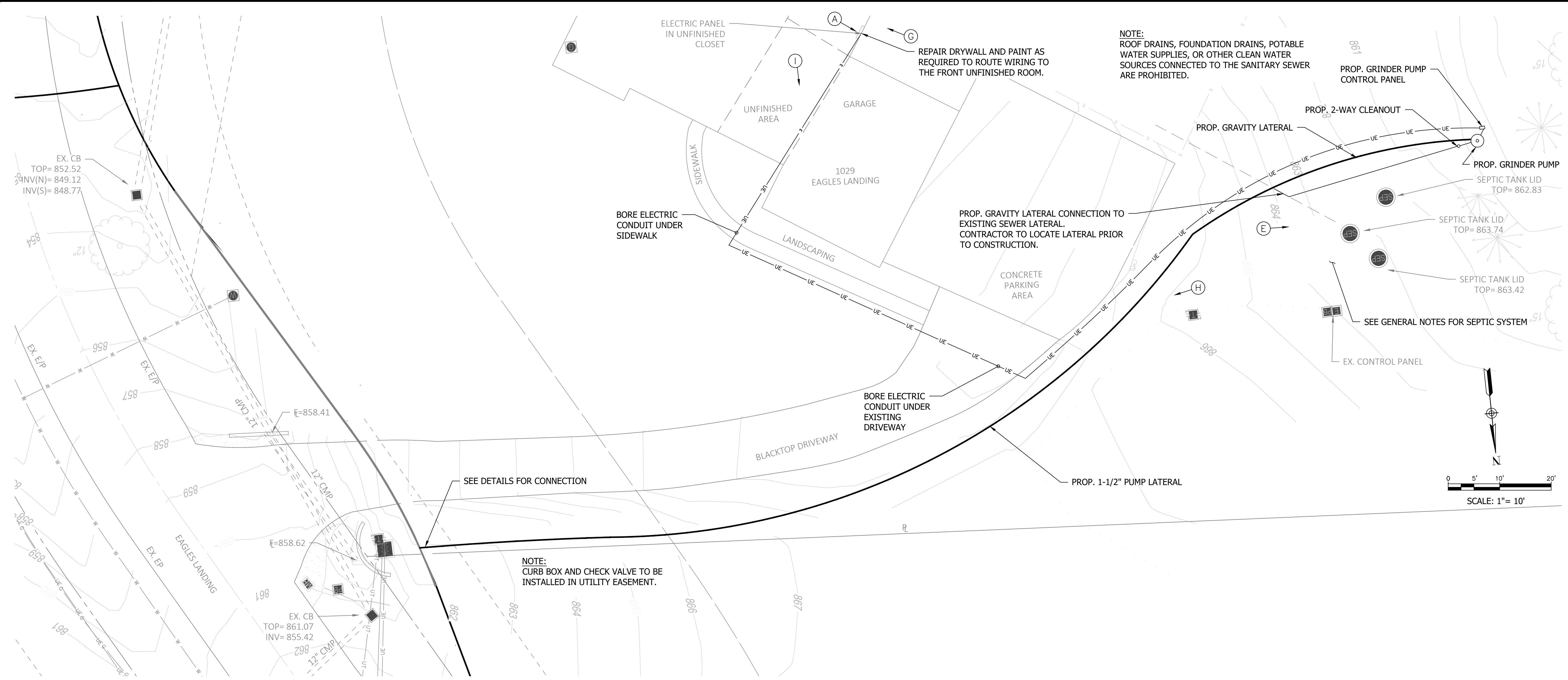
THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

4/24/2024 EL-Grinders.dwg



NOTE:
 ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.

REPAIR DRYWALL AND PAINT AS REQUIRED TO ROUTE WIRING TO THE FRONT UNFINISHED ROOM.

PROP. GRAVITY LATERAL CONNECTION TO EXISTING SEWER LATERAL. CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

NOTE:
 CURB BOX AND CHECK VALVE TO BE INSTALLED IN UTILITY EASEMENT.

SEE DETAILS FOR CONNECTION

FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING PANEL ON THE RIGHT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE RIGHT PANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS IN A FINISHED AREA OF THE BASEMENT. THE ELECTRIC PANELS ARE IN AN UNFINISHED CLOSET WITHIN THE FINISHED AREA. CONTRACTOR SHALL ROUTE ELECTRIC TO THE EXTERIOR ABOVE THE DROP CEILING TILES AND THROUGH THE UNFINISHED ROOM. CONTRACTOR SHALL BORE ELECTRIC UNDER SIDEWALK AND DRIVEWAY AND CONTINUE UNDERGROUND TO THE PROPOSED CONTROL PANEL.
6. CONTRACTOR SHALL EVALUATE THE EXISTING SEPTIC SYSTEM ELECTRIC ROUTING DURING THE PRECONSTRUCTION MEETING FOR THE POTENTIAL OF USING EXISTING CONDUIT TO LIMIT DISTURBANCE.
7. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE RIGHT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING

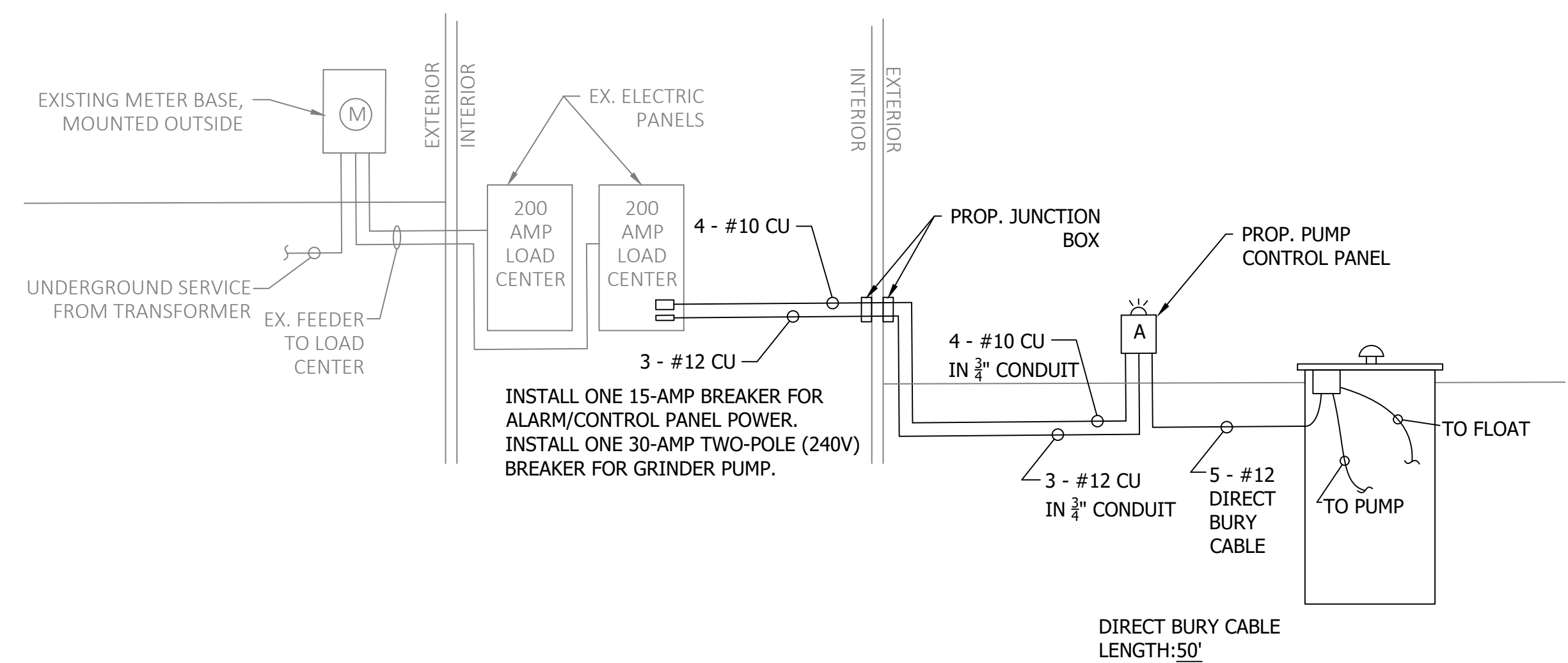
DEMARCATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

 SIGN DATE



ELECTRIC DETAILS
 SCALE: NTS

ENVIRONMENTAL ENGINEERING SERVICE
 3575 Columbia Road
 Lebanon, Ohio 45036
 513-834-1512 513-834-1515 FAX

Revisions	Date	Drawn By

Date: 11/2023	Date: 03/22/24	Date: 03/25/24
Drawn by: KFR	Checked by: ZM	Approved by: JMM
		Cal. File Name

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

CLERMONT COUNTY
OHIO

Scale
1" = 10'

GRINDER PLAN
1029
EAGLES LANDING

SHEET NUMBER
38

Revisions	Date	Drawn By

Date:	11/20/23
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Job No.:	03/22/24
Job Name:	03/25/24
Job File Name:	

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1" = 10'

**GRINDER
PLAN
1024
EAGLES LANDING**

SHEET NUMBER
39

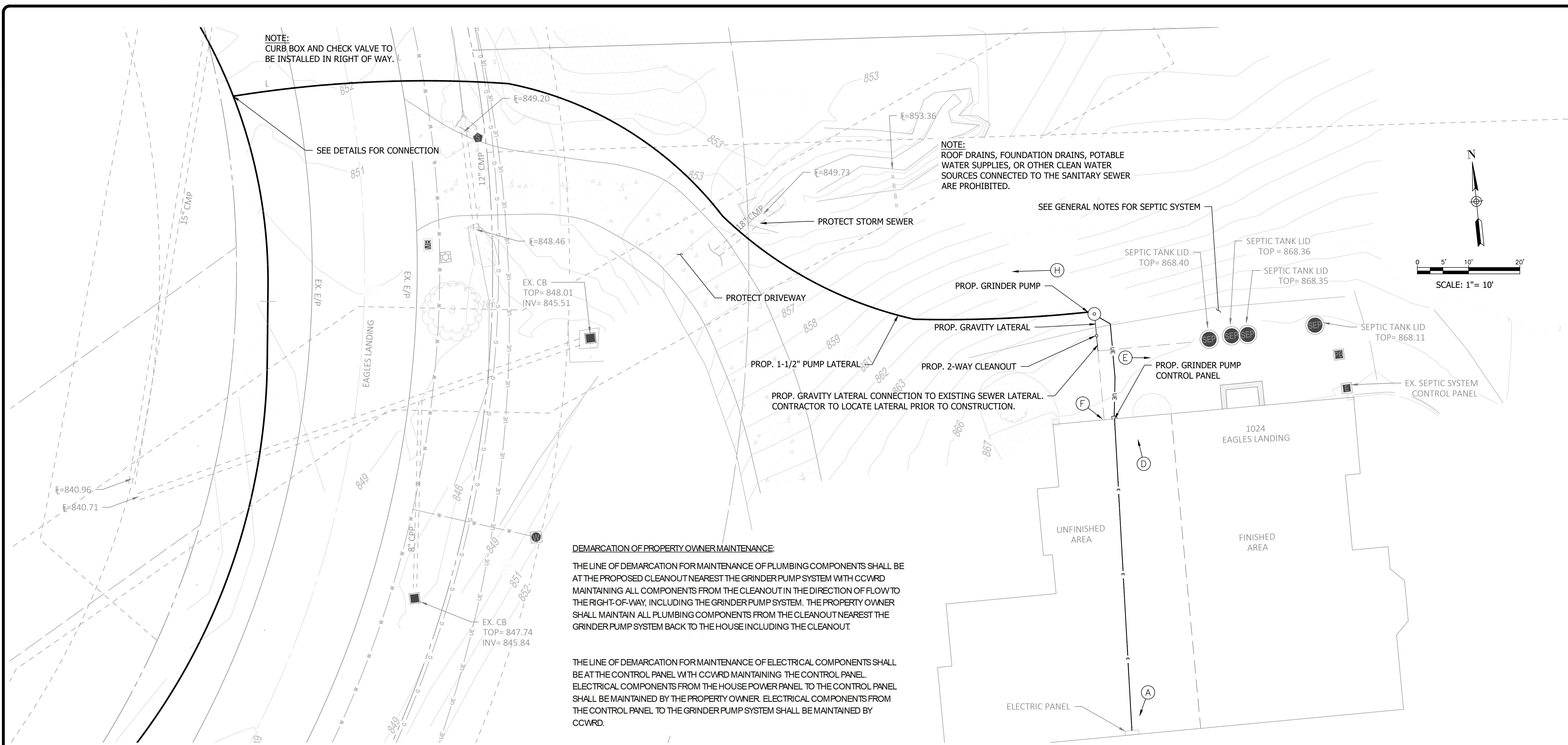
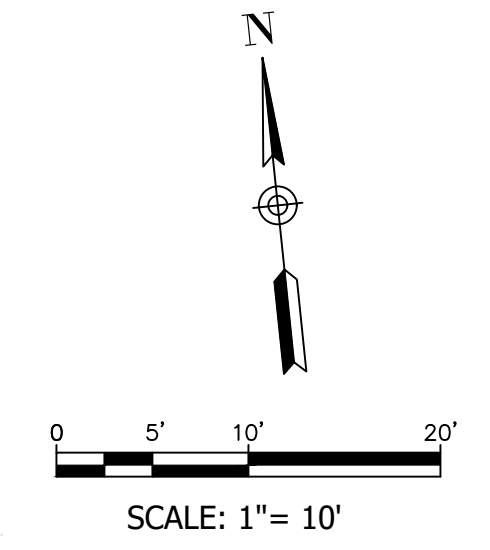
4/24/2024 EL-Grinders.dwg

NOTE:
CURB BOX AND CHECK VALVE TO
BE INSTALLED IN RIGHT OF WAY.

SEE DETAILS FOR CONNECTION

NOTE:
ROOF DRAINS, FOUNDATION DRAINS, POTABLE
WATER SUPPLIES, OR OTHER CLEAN WATER
SOURCES CONNECTED TO THE SANITARY SEWER
ARE PROHIBITED.

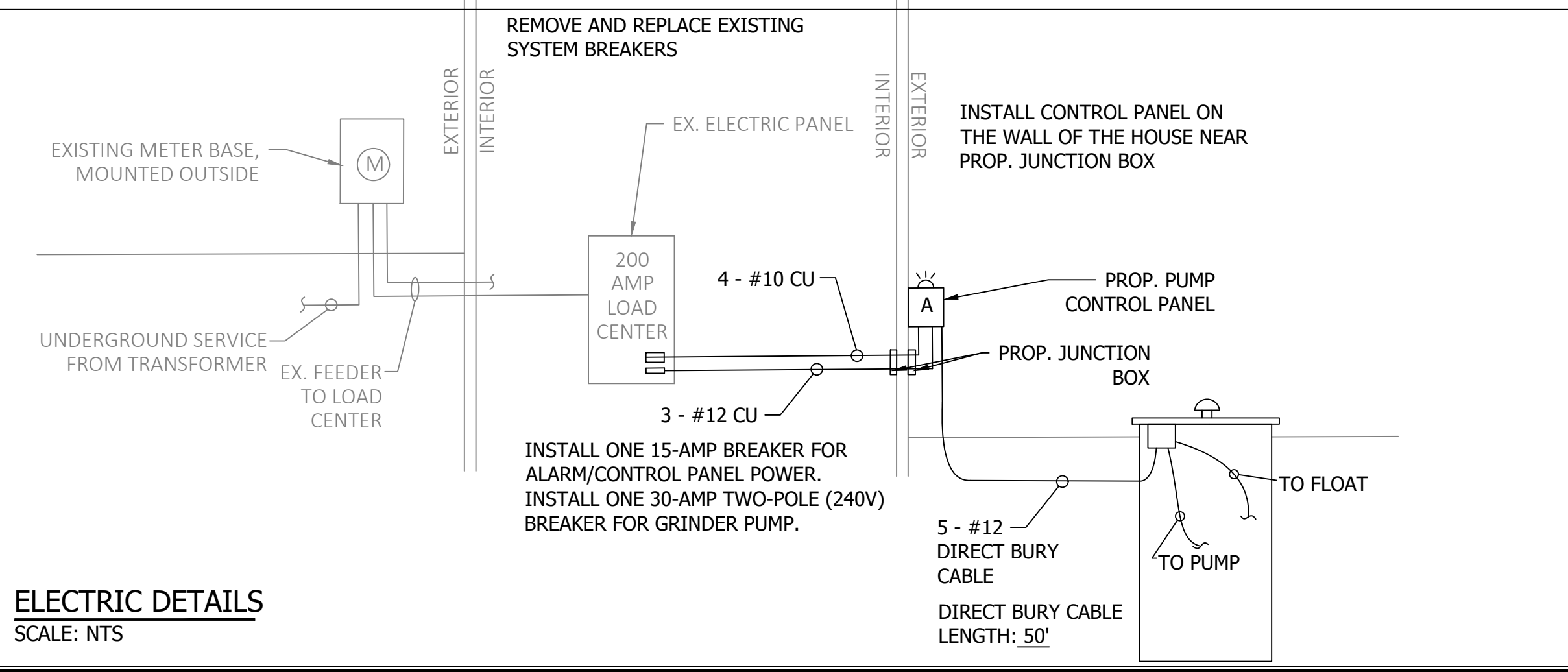
SEE GENERAL NOTES FOR SEPTIC SYSTEM



DEMARCATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.



ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____

- FOR PROPOSED LATERAL PIPING: CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
- REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
- USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
- ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
- USE FITTINGS LESS THAN OR EQUAL TO 45°.
- REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
- THERE IS ONE (1) EXISTING 200-AMP SERVICE PANEL. THE EXISTING MAIN PANEL HAS NO ADDITIONAL SPACE FOR THE PROPOSED BREAKERS.
 - THE EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 - CONTRACTOR SHALL PROVIDE TEMPORARY POWER FOR PROPOSED GRINDER PUMP START UP SERVICES DUE TO LACK OF ADDITIONAL SPACES IN THE EXISTING PANEL. REVIEW START UP PROCEDURES WITH THE ENGINEER AS NEEDED.
 - CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE PANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
 - ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE PANEL TO THE PROPOSED CONTROL PANEL.
 - ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE PANEL TO THE PROPOSED CONTROL PANEL.
 - ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT

Revisions	Date	Drawn By

Date:	11/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Date:	03/22/24
Date:	03/25/24
Cal. File Name:	

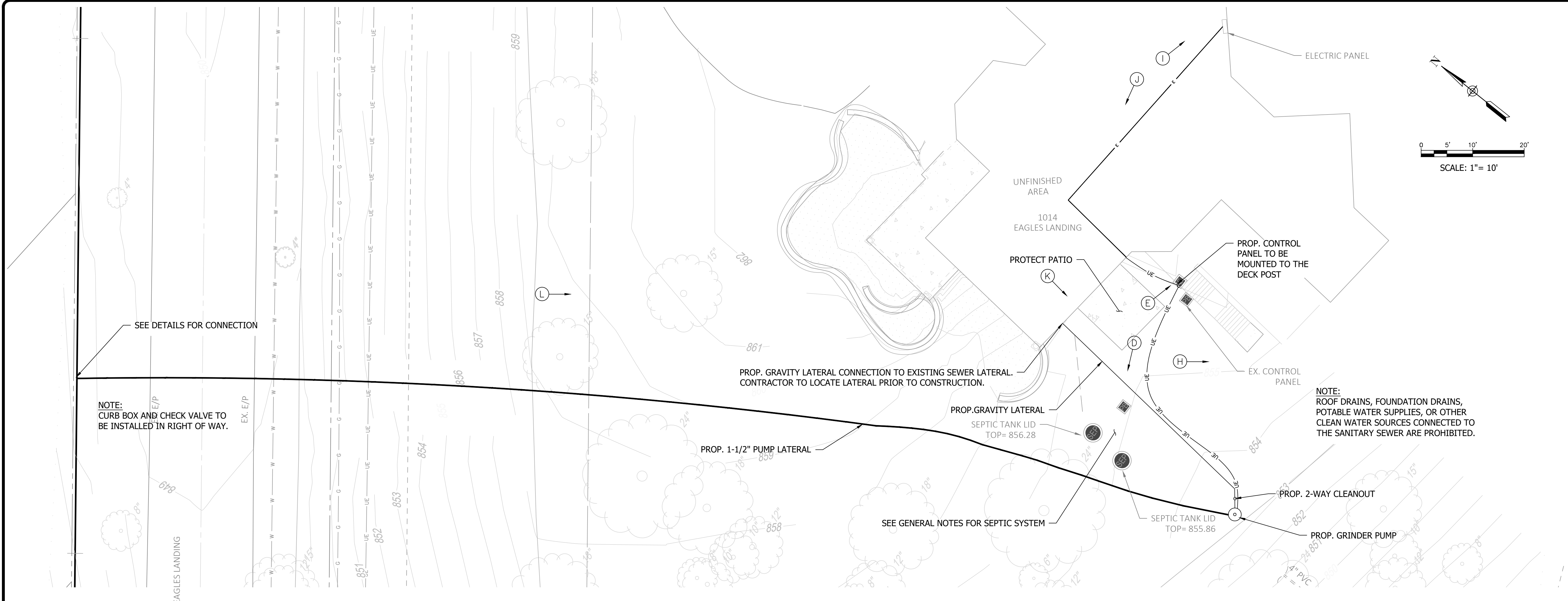
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

CLERMONT COUNTY
OHIO

Scale
1" = 10'

**GRINDER
PLAN
1014
EAGLES LANDING**

SHEET NUMBER
40



NOTE:
CURB BOX AND CHECK VALVE TO
BE INSTALLED IN RIGHT OF WAY.

PROP. GRAVITY LATERAL CONNECTION TO EXISTING SEWER LATERAL.
CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

NOTE:
ROOF DRAINS, FOUNDATION DRAINS,
POTABLE WATER SUPPLIES, OR OTHER
CLEAN WATER SOURCES CONNECTED TO
THE SANITARY SEWER ARE PROHIBITED.

- FOR PROPOSED LATERAL PIPING:
- CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 - REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 - USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 - ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 - USE FITTINGS LESS THAN OR EQUAL TO 45°.
 - REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

NOTE: PROPERTY OWNER TO CONSULT WITH GENERATOR MANUFACTURER/REPRESENTATIVE AND THEIR ELECTRICIAN TO VERIFY AVAILABILITY OF GENERATOR CAPACITY AND PERFORMANCE TO UTILIZE ALL CIRCUITS CONNECTED TO THE EXISTING GENERATOR PANEL IN ADDITION TO THE PROPOSED GRINDER PUMP SYSTEM BREAKERS. CLERMONT COUNTY IS NOT RESPONSIBLE FOR EXISTING GENERATOR SIZING, PERFORMANCE, AND CONDITION.

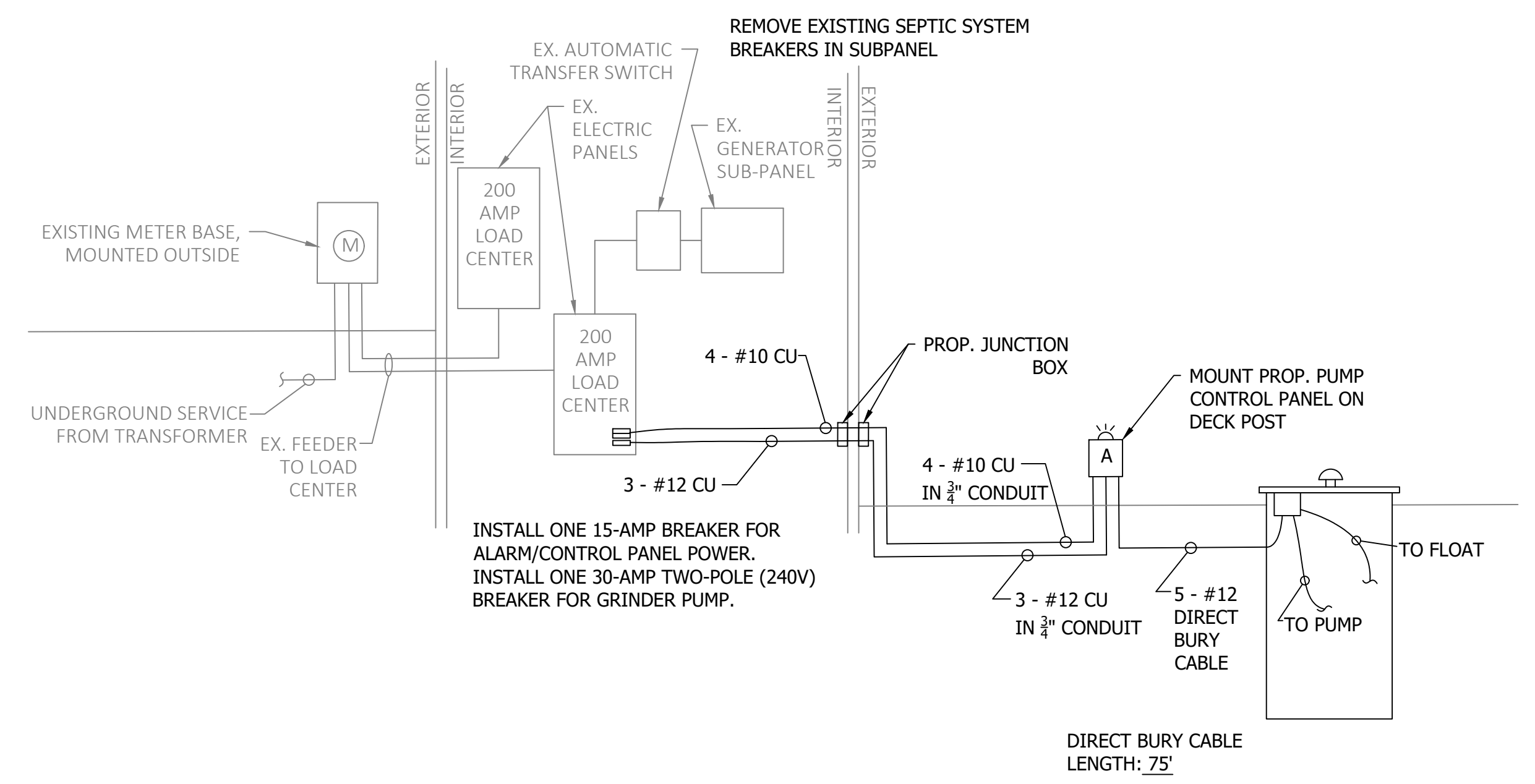
DEMARICATION OF PROPERTY OWNER MAINTENANCE

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

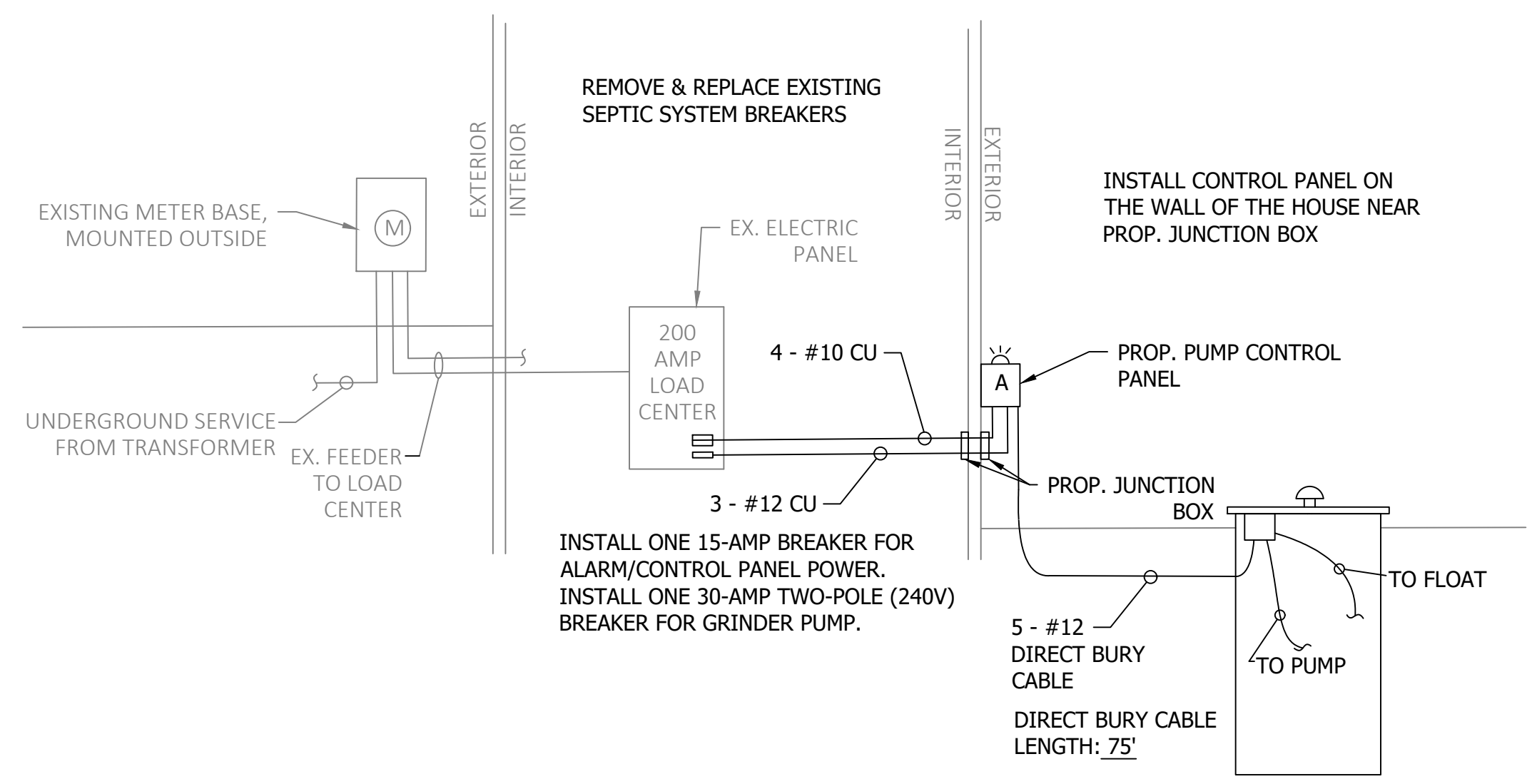
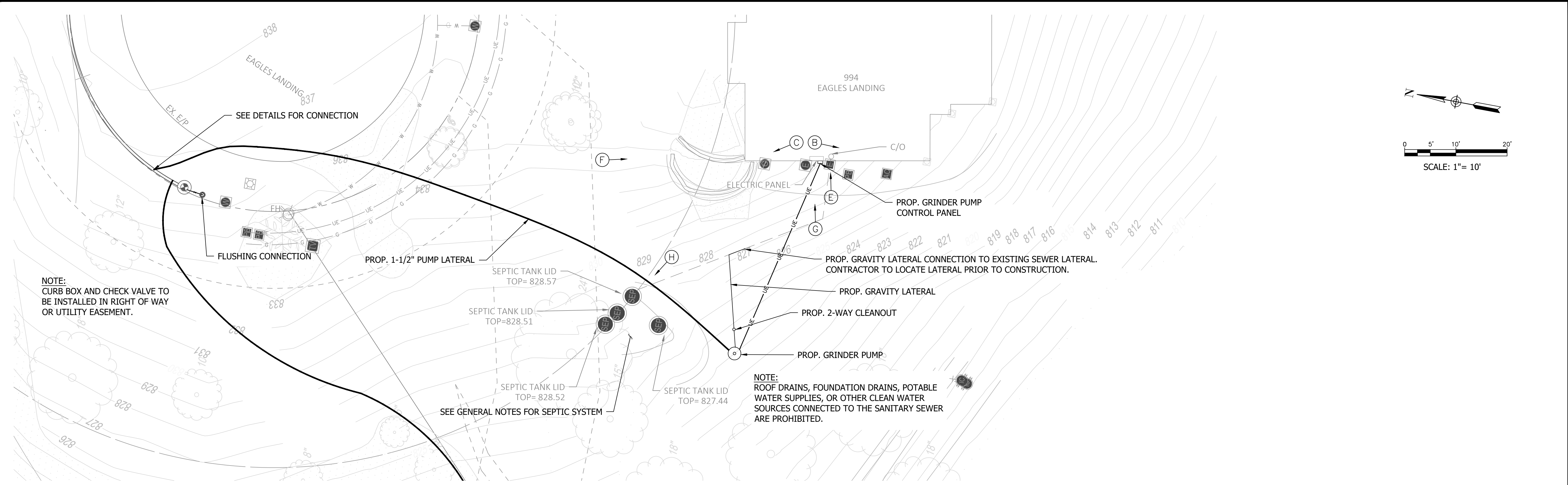
SIGN _____ DATE _____



ELECTRIC DETAILS
SCALE: NTS

4/24/2024 EL-Grinders.dwg

4/24/2024 EL-Grinders.dwg



ELECTRIC DETAILS
SCALE: NTS

- FOR PROPOSED LATERAL PIPING:**
1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
 6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
1. THERE IS ONE (1) EXISTING 200-AMP SERVICE PANEL. THE EXISTING PANEL HAS NO ADDITIONAL SPACE FOR THE PROPOSED BREAKERS.
 2. THE EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 3. CONTRACTOR SHALL PROVIDE TEMPORARY POWER FOR PROPOSED GRINDER PUMP START UP SERVICES DUE TO LACK OF ADDITIONAL SPACES IN THE EXISTING PANEL. REVIEW START UP PROCEDURES WITH THE ENGINEER AS NEEDED.
 4. CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE PANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
 5. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE PANEL TO THE PROPOSED CONTROL PANEL.
 6. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE PANEL TO THE PROPOSED CONTROL PANEL.
 7. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

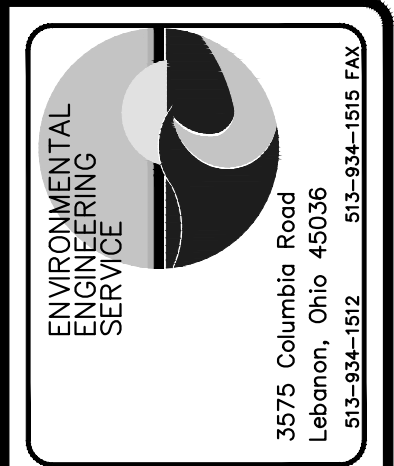
THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN

DATE



Revisions	Date	Drawn By

Date:	11/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Date:	03/22/24
Date:	03/25/24
Cell File Name:	

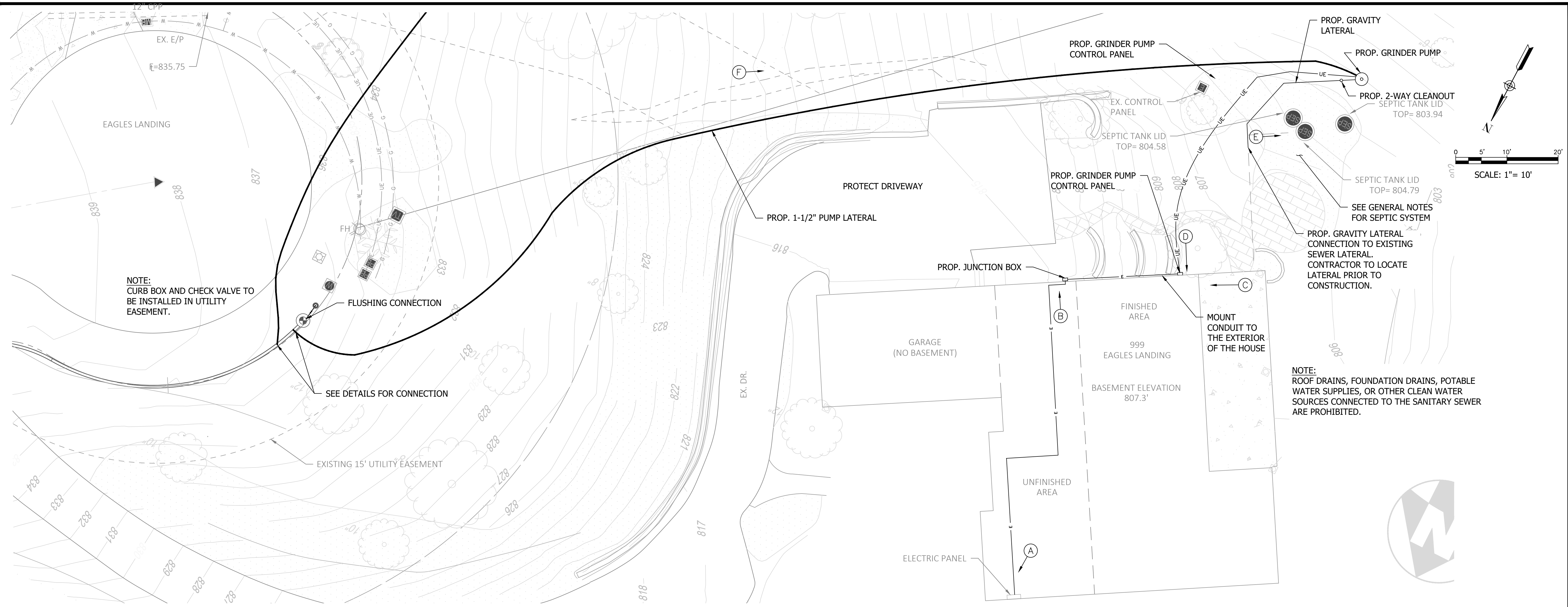
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

Scale
1"= 10'

**GRINDER
PLAN
994
EAGLES
LANDING**

SHEET NUMBER
41



NOTE:
CURB BOX AND CHECK VALVE TO
BE INSTALLED IN UTILITY
EASEMENT.

NOTE:
ROOF DRAINS, FOUNDATION DRAINS, POTABLE
WATER SUPPLIES, OR OTHER CLEAN WATER
SOURCES CONNECTED TO THE SANITARY SEWER
ARE PROHIBITED.

**ENVIRONMENTAL
ENGINEERING
SERVICE**
3575 Columbia Road
Lebanon, Ohio 45036
513-834-1512 513-834-1515 FAX

Revisions	Date	Drawn By

Drawn by:	KFR	Date:	11/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name			

- FOR PROPOSED LATERAL PIPING:**
- CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 - REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 - USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 - ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 - USE FITTINGS LESS THAN OR EQUAL TO 45°.
 - REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

DEMARCATION OF PROPERTY OWNER MAINTENANCE

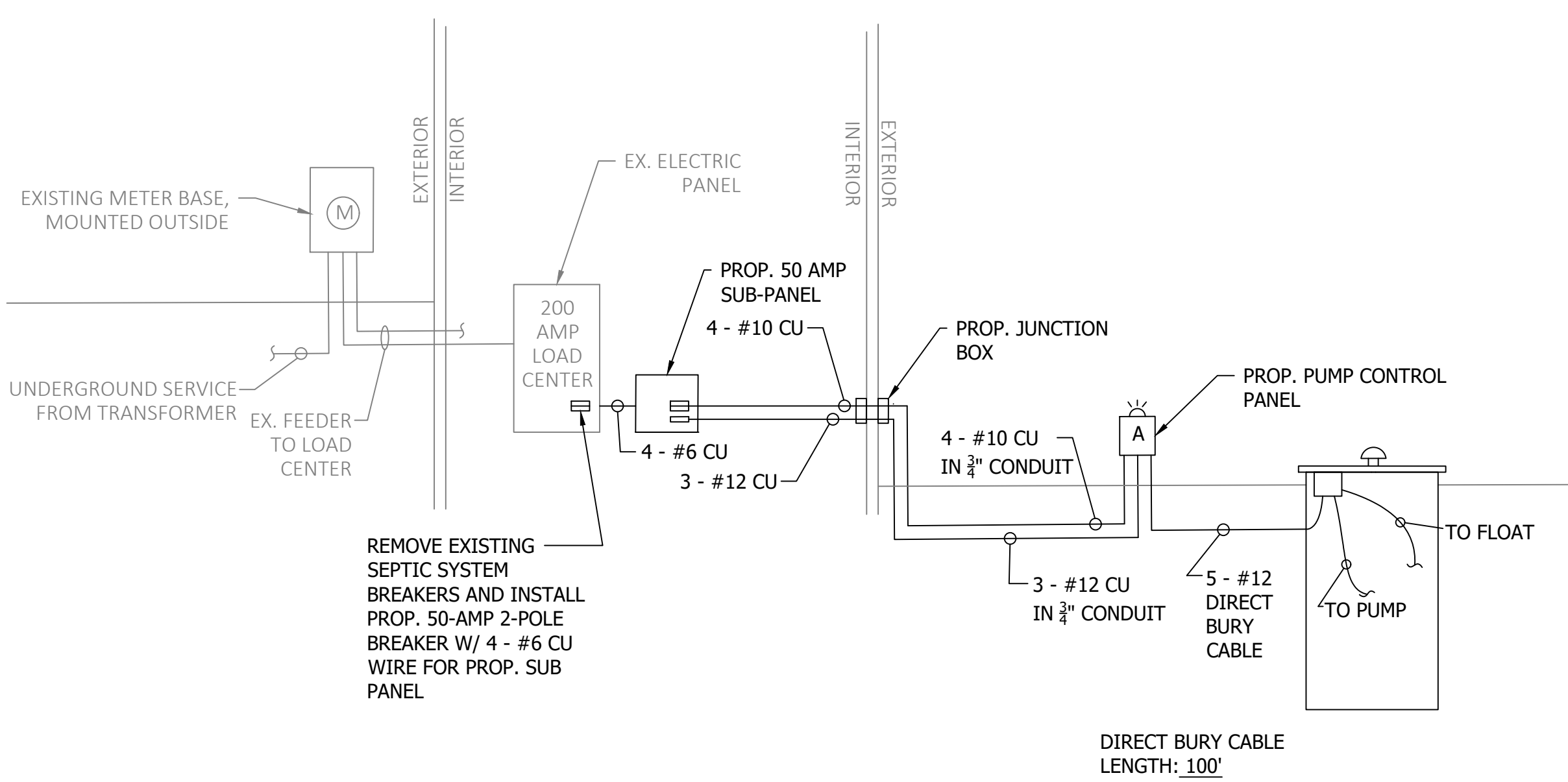
THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

- ELECTRIC NOTES:**
- THERE IS ONE EXISTING 200-AMP SERVICE PANEL IN THE BASEMENT. THE EXISTING PANEL HAS NO ADDITIONAL SPACES FOR THE PROPOSED BREAKERS. THERE ARE ONLY TWO SPACES AVAILABLE WHEN THE EXISTING SEPTIC SYSTEM BREAKERS ARE REMOVED.
 - REMOVE EXISTING SEPTIC SYSTEM BREAKERS FROM TWO SPACES AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
 - CONTRACTOR TO INSTALL PROPOSED TWO-POLE 50-AMP BREAKER FOR PROPOSED SUBPANEL IN THE EXISTING SERVICE PANEL. RELOCATE BREAKER SUCH AS "KITCHEN GFI" TO PROPOSED SUBPANEL TO MAKE ROOM FOR THE PROPOSED 50-AMP BREAKER. CONTRACTOR TO INSTALL PROPOSED SIX (6) SPACE 100-AMP RATED SUBPANEL WITH A 50-AMP MAIN BREAKER NEXT TO THE EXISTING SERVICE PANEL FOR THE PROPOSED GRINDER PUMP SYSTEM BREAKERS. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE PROPOSED SUBPANEL.
 - ROUTE 3-#6 WITH GROUND (4-#6 TOTAL) FROM THE 50-AMP BREAKER TO THE PROPOSED SUBPANEL.
 - ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE PROPOSED SUBPANEL TO THE PROPOSED CONTROL PANEL.
 - ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE PROPOSED SUBPANEL TO THE PROPOSED CONTROL PANEL.
 - ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 - PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



ELECTRIC DETAILS
SCALE: NTS

**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**
CLERMONT COUNTY
OHIO

Scale
1" = 10'

**GRINDER
PLAN
999
EAGLES
LANDING**

SHEET NUMBER
42

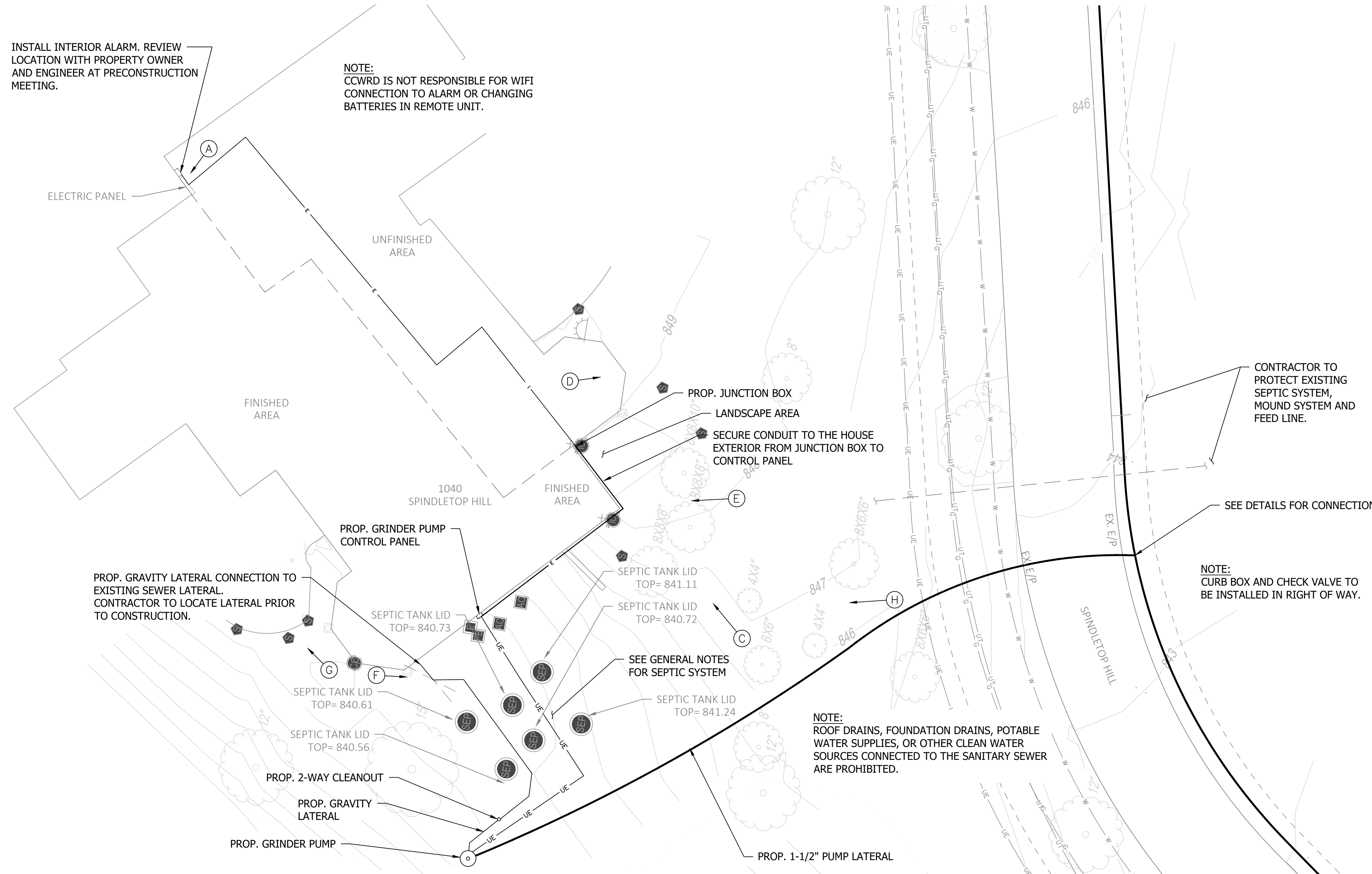
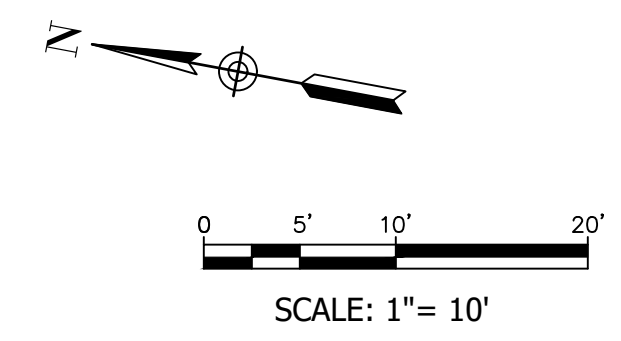
EL-Grinders.dwg
4/24/2024

Spindletop Grinders.dwg

12/8/2023

INSTALL INTERIOR ALARM. REVIEW LOCATION WITH PROPERTY OWNER AND ENGINEER AT PRECONSTRUCTION MEETING.

NOTE: CCWRD IS NOT RESPONSIBLE FOR WIFI CONNECTION TO ALARM OR CHANGING BATTERIES IN REMOTE UNIT.



CONTRACTOR TO PROTECT EXISTING SEPTIC SYSTEM, MOUND SYSTEM AND FEED LINE.

NOTE: CURB BOX AND CHECK VALVE TO BE INSTALLED IN RIGHT OF WAY.

NOTE: ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.

DEMARICATION OF PROPERTY OWNER MAINTENANCE:

THE LINE OF DEMARICATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARICATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.

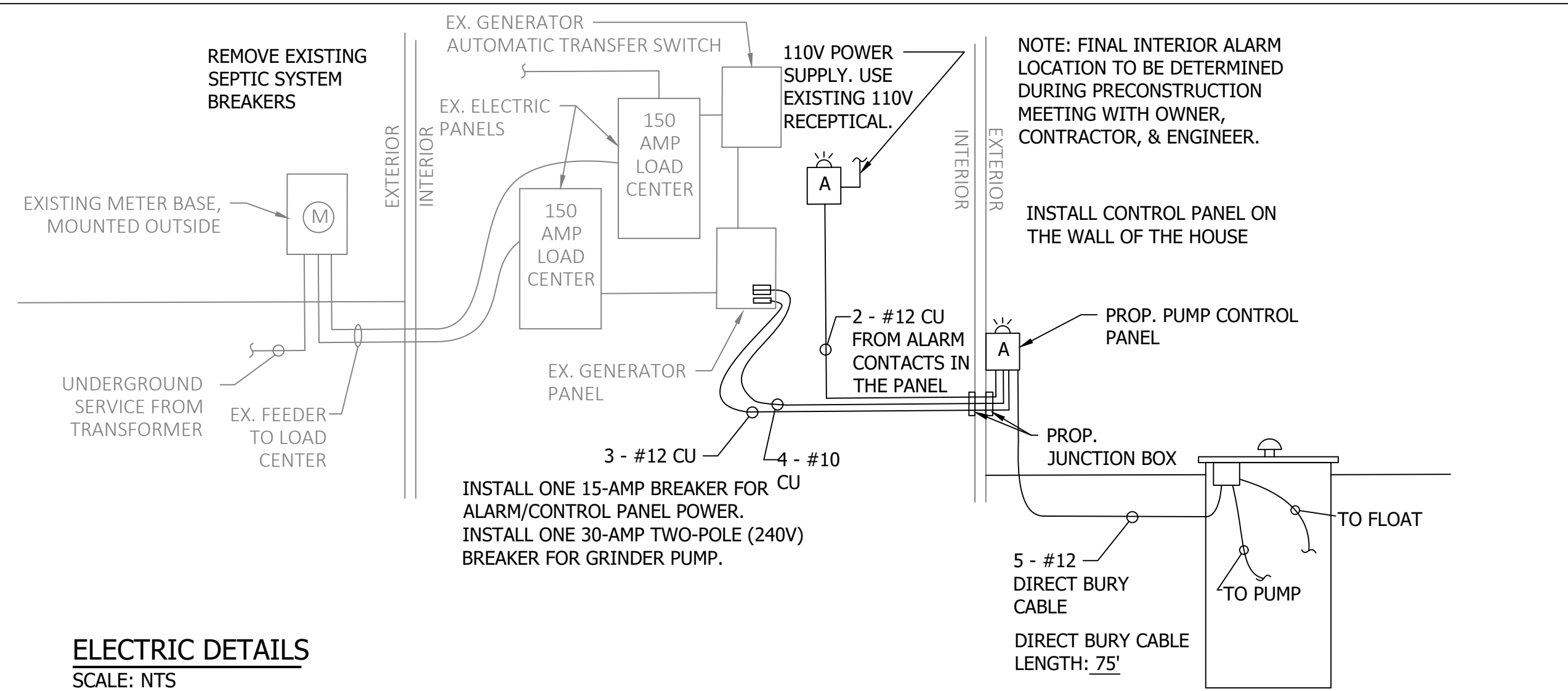
NOTE: PROPERTY OWNER TO CONSULT WITH GENERATOR MANUFACTURER/REPRESENTATIVE AND THEIR ELECTRICIAN TO VERIFY AVAILABILITY OF GENERATOR CAPACITY AND PERFORMANCE TO UTILIZE ALL CIRCUITS CONNECTED TO THE EXISTING GENERATOR PANEL IN ADDITION TO THE PROPOSED GRINDER PUMP SYSTEM BREAKERS. CLERMONT COUNTY IS NOT RESPONSIBLE FOR EXISTING GENERATOR SIZING, PERFORMANCE, AND CONDITION.

FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

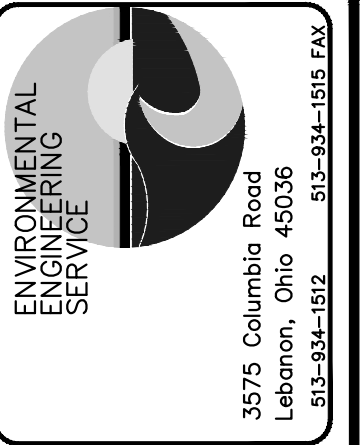
1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS WITH A 70-AMP GENERATOR SUBPANEL. THE GENERATOR SUBPANEL HAS ADDITIONAL SPACES FOR BREAKERS
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE SUBPANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE SUBPANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE SUBPANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE MAIN PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.



ELECTRIC DETAILS SCALE: NTS

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Revisions	Date	Drawn By

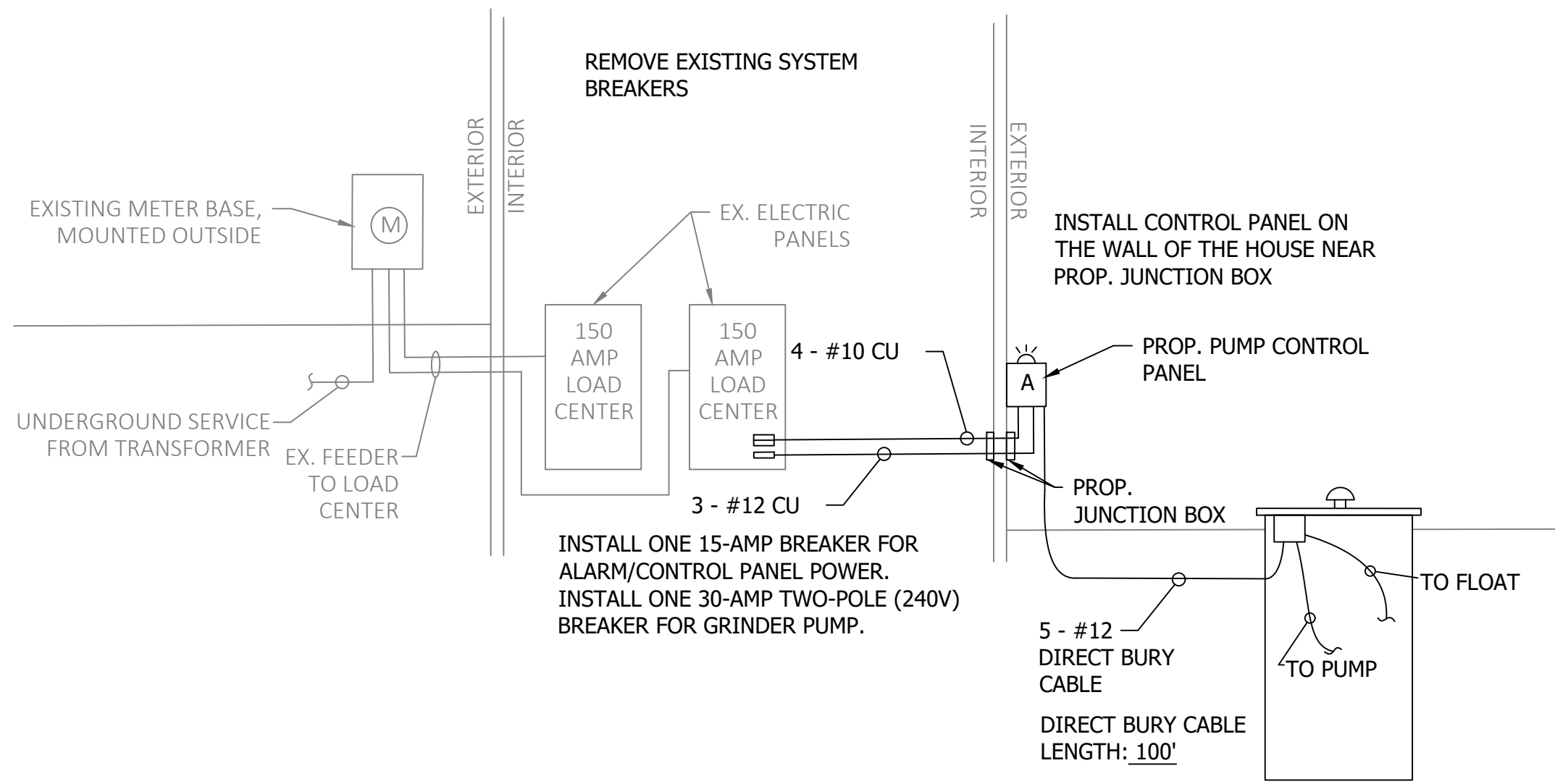
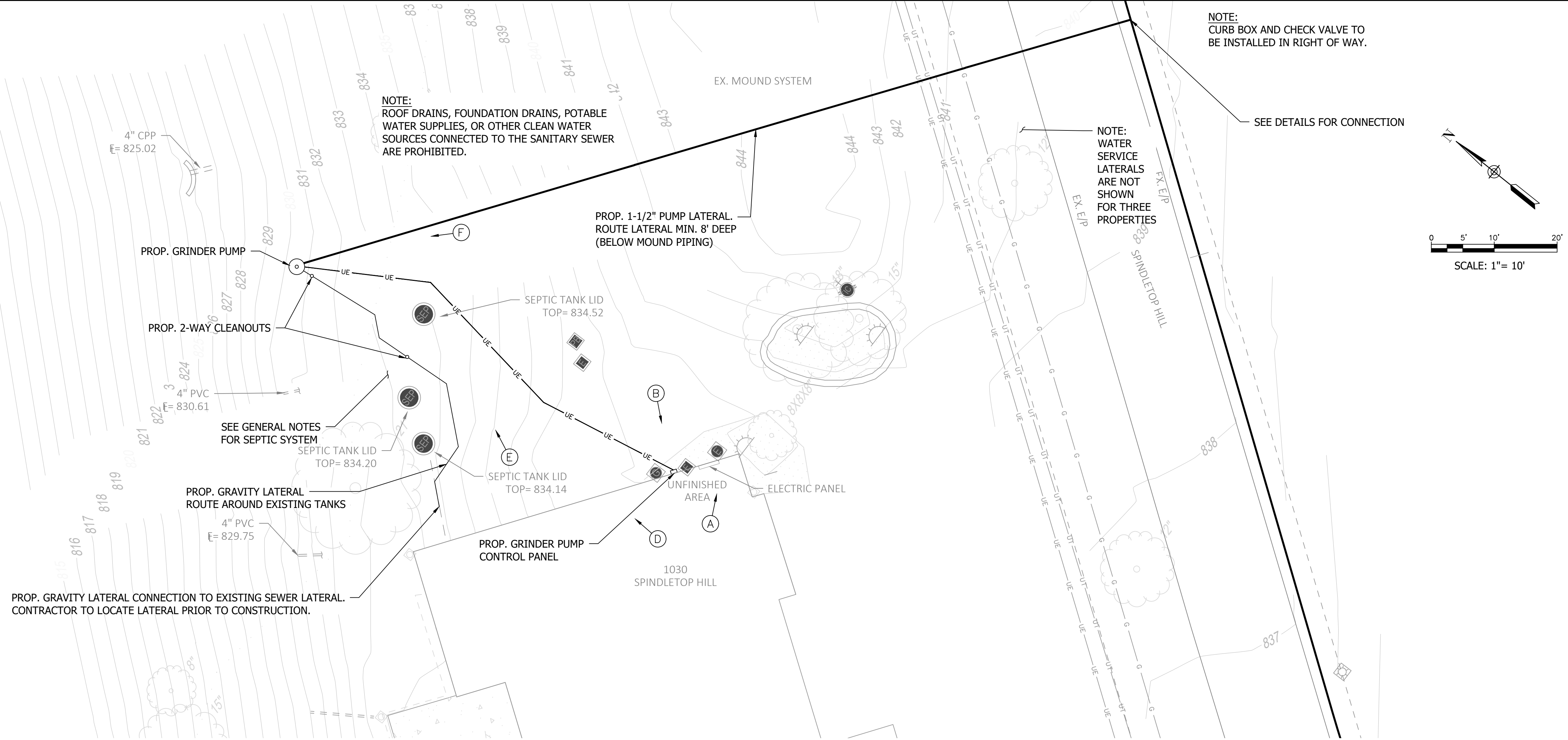
Date:	12/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Job No.:	03/22/24
Job Name:	03/25/24
Job File Name:	

LEGENDARY TRAILS SAN. SEWER COLL. SYSTEM PROJECT No. 6402-60228 CLERMONT COUNTY OHIO

Scale 1"= 10'

GRINDER PLAN 1040 SPINDLETOP HILL

SHEET NUMBER 43



ELECTRIC DETAILS
SCALE: NTS

FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

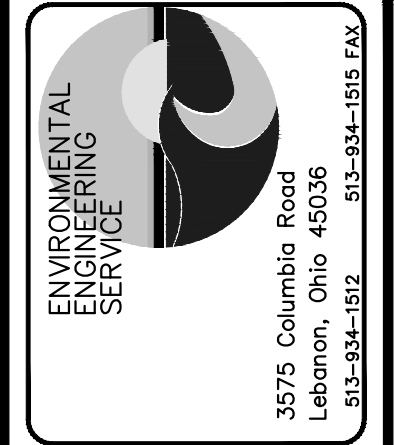
ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING PANEL ON THE RIGHT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE RIGHT PANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE RIGHT PANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE RIGHT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____

DATE _____



Revisions	Date	Drawn By

Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Scale:	1" = 10'

Date:	12/2023
Date:	03/22/24
Date:	03/25/24

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

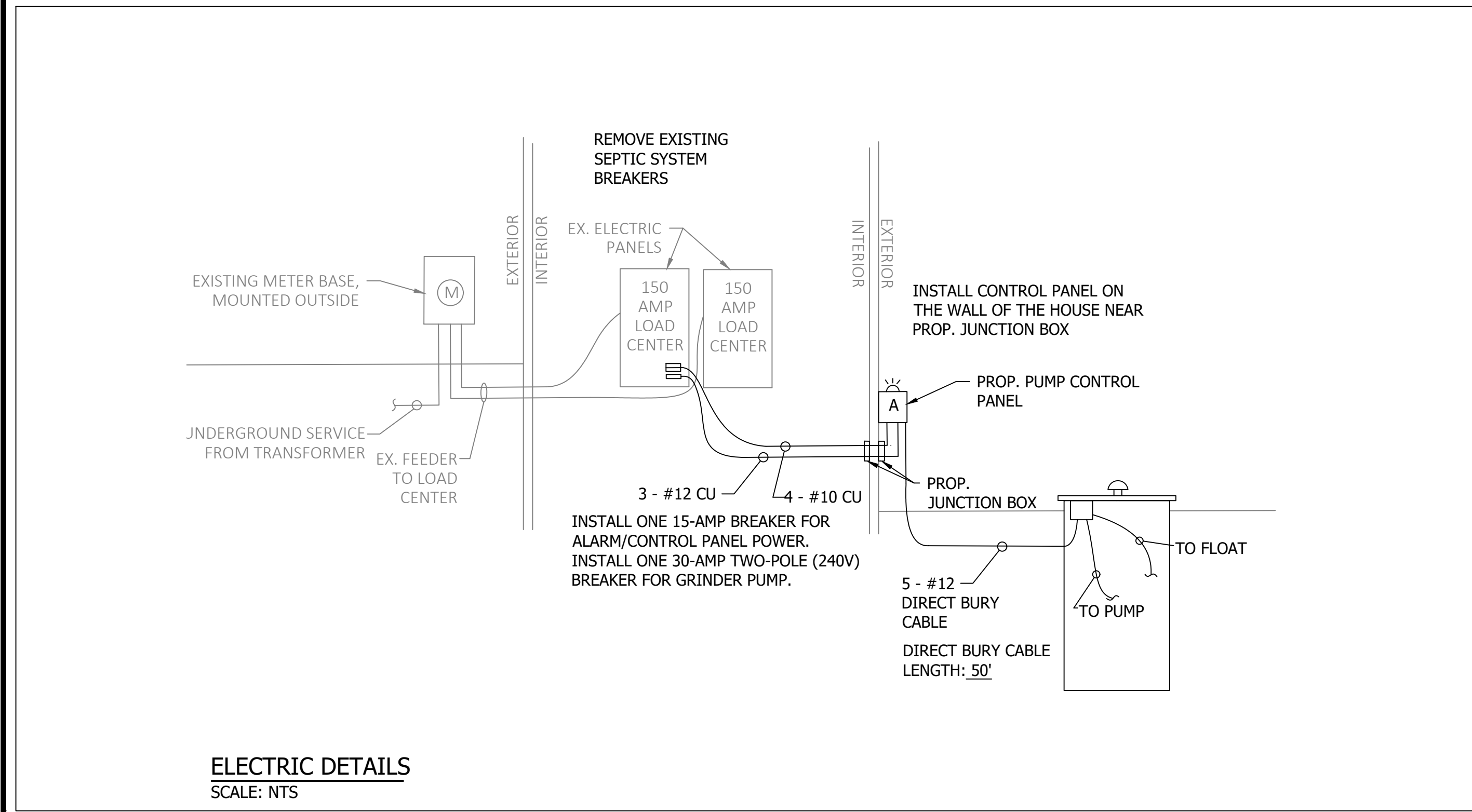
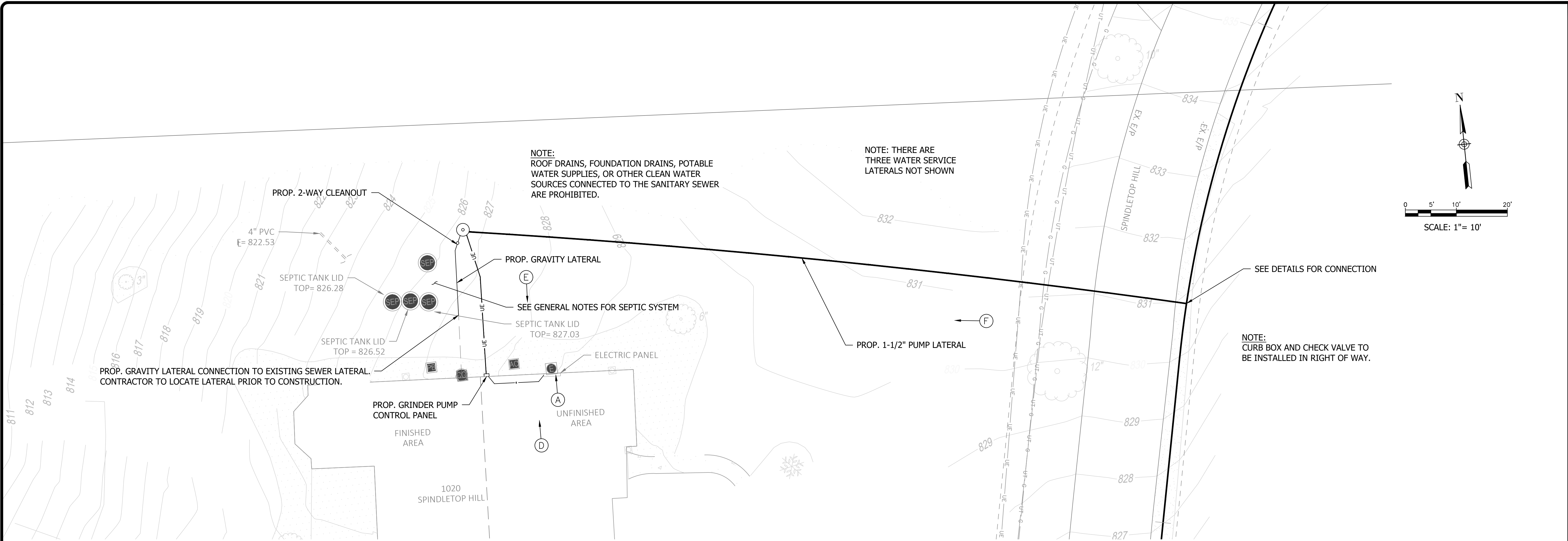
CLERMONT COUNTY
OHIO

Scale
1" = 10'

GRINDER PLAN
1030 SPINDLETOP HILL

SHEET NUMBER
44

12/8/2023 Spindletop Grinders.dwg

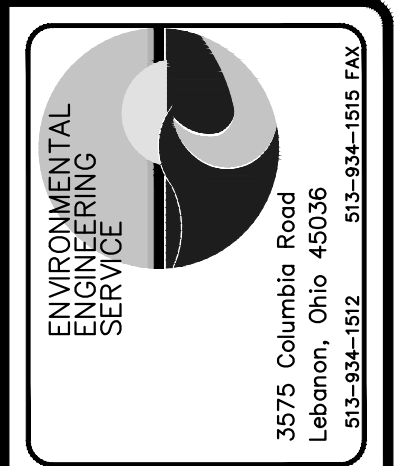


- FOR PROPOSED LATERAL PIPING:**
- CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
 - REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
 - USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
 - ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
 - USE FITTINGS LESS THAN OR EQUAL TO 45°.
 - REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

- ELECTRIC NOTES:**
- THERE ARE TWO (2) EXISTING 150-AMP SERVICE PANELS. THE EXISTING PANEL ON THE LEFT HAS ADDITIONAL SPACES FOR THE PROPOSED BREAKERS.
 - CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE LEFT PANEL.
 - ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
 - ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
 - ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.
 - EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE LEFT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	12/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Job File Name:			

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

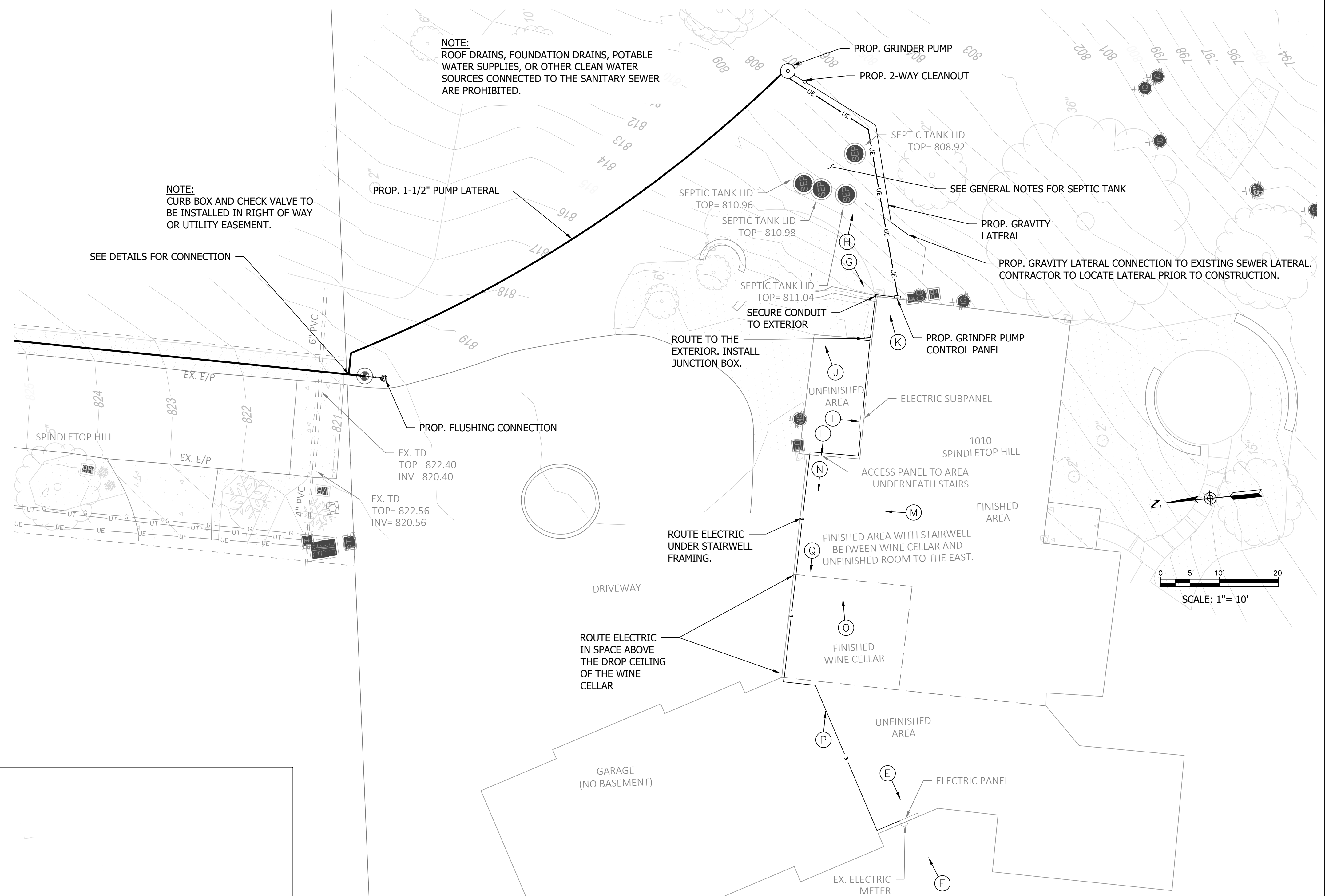
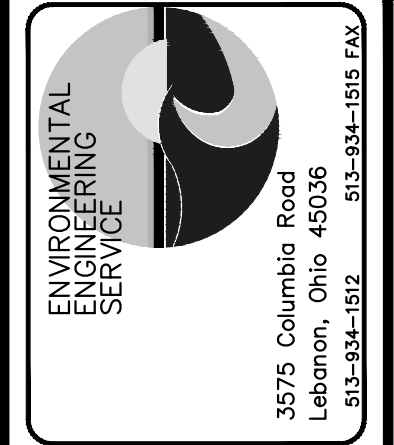
CLERMONT COUNTY
OHIO

Scale
1" = 10'

GRINDER PLAN
1020
SPINDLETOP HILL

SHEET NUMBER
45

12/8/2023 Spindletop Grinders.dwg



NOTE: ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.

NOTE: CURB BOX AND CHECK VALVE TO BE INSTALLED IN RIGHT OF WAY OR UTILITY EASEMENT.

SEE DETAILS FOR CONNECTION

PROP. 1-1/2" PUMP LATERAL

PROP. GRINDER PUMP

PROP. 2-WAY CLEANOUT

SEPTIC TANK LID TOP= 808.92

SEPTIC TANK LID TOP= 810.96

SEPTIC TANK LID TOP= 810.98

SEPTIC TANK LID TOP= 811.04

SEE GENERAL NOTES FOR SEPTIC TANK

PROP. GRAVITY LATERAL

PROP. GRAVITY LATERAL CONNECTION TO EXISTING SEWER LATERAL. CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

SECURE CONDUIT TO EXTERIOR

ROUTE TO THE EXTERIOR. INSTALL JUNCTION BOX.

PROP. GRINDER PUMP CONTROL PANEL

J

I

L

N

Q

P

E

F

O

M

K

H

G

C

H

G

F

E

D

C

B

A

Z

Y

X

W

V

U

T

S

R

Q

P

ELECTRIC SUBPANEL

ACCESS PANEL TO AREA UNDERNEATH STAIRS

FINISHED AREA WITH STAIRWELL BETWEEN WINE CELLAR AND UNFINISHED ROOM TO THE EAST.

ROUTE ELECTRIC UNDER STAIRWELL FRAMING.

ROUTE ELECTRIC IN SPACE ABOVE THE DROP CEILING OF THE WINE CELLAR

GARAGE (NO BASEMENT)

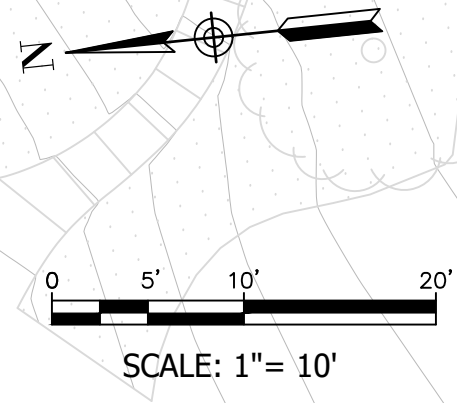
UNFINISHED AREA

FINISHED WINE CELLAR

UNFINISHED AREA

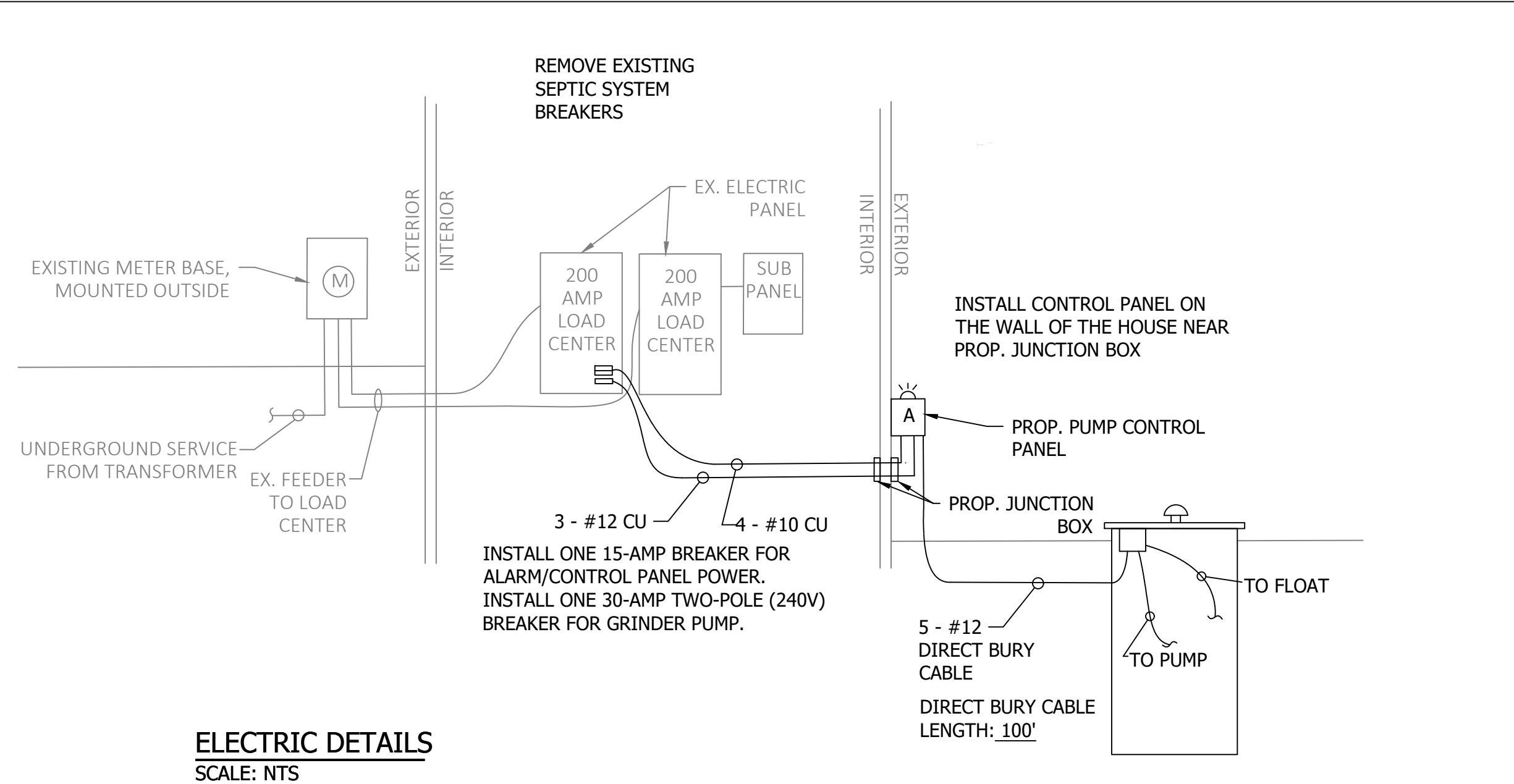
EX. ELECTRIC METER

ELECTRIC PANEL



ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



ELECTRIC DETAILS SCALE: NTS

FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 200-AMP SERVICE PANELS WITH A 100-AMP SUBPANEL. THE MAIN SERVICE PANELS HAVE ADDITIONAL SPACES FOR BREAKERS.
2. CONTRACTOR TO INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE LEFT PANEL.
3. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
4. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE LEFT PANEL TO THE PROPOSED CONTROL PANEL.
5. ELECTRIC WORK IS MOSTLY IN UNFINISHED AREAS OF THE BASEMENT. ELECTRIC ROUTING WILL NEED TO GO THROUGH FINISHED AREAS OF THE BASEMENT. CONTRACTOR TO RUN WIRE IN SPACE ABOVE THE FINISHED WINE CELLAR.
6. EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND ONE 15-AMP) ARE LOCATED IN THE SUBPANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.

Revisions	Date	Drawn By

Date:	12/2023
Drawn by:	KFR
Checked by:	ZM
Approved by:	JMM
Date:	03/22/24
Date:	03/25/24
Job No.:	
Job Name:	
Job Address:	
Job City:	
Job State:	
Job Zip:	

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

CLERMONT COUNTY
 OHIO

Scale
1" = 10'

GRINDER PLAN
1010 SPINDLETOP HILL

SHEET NUMBER
46

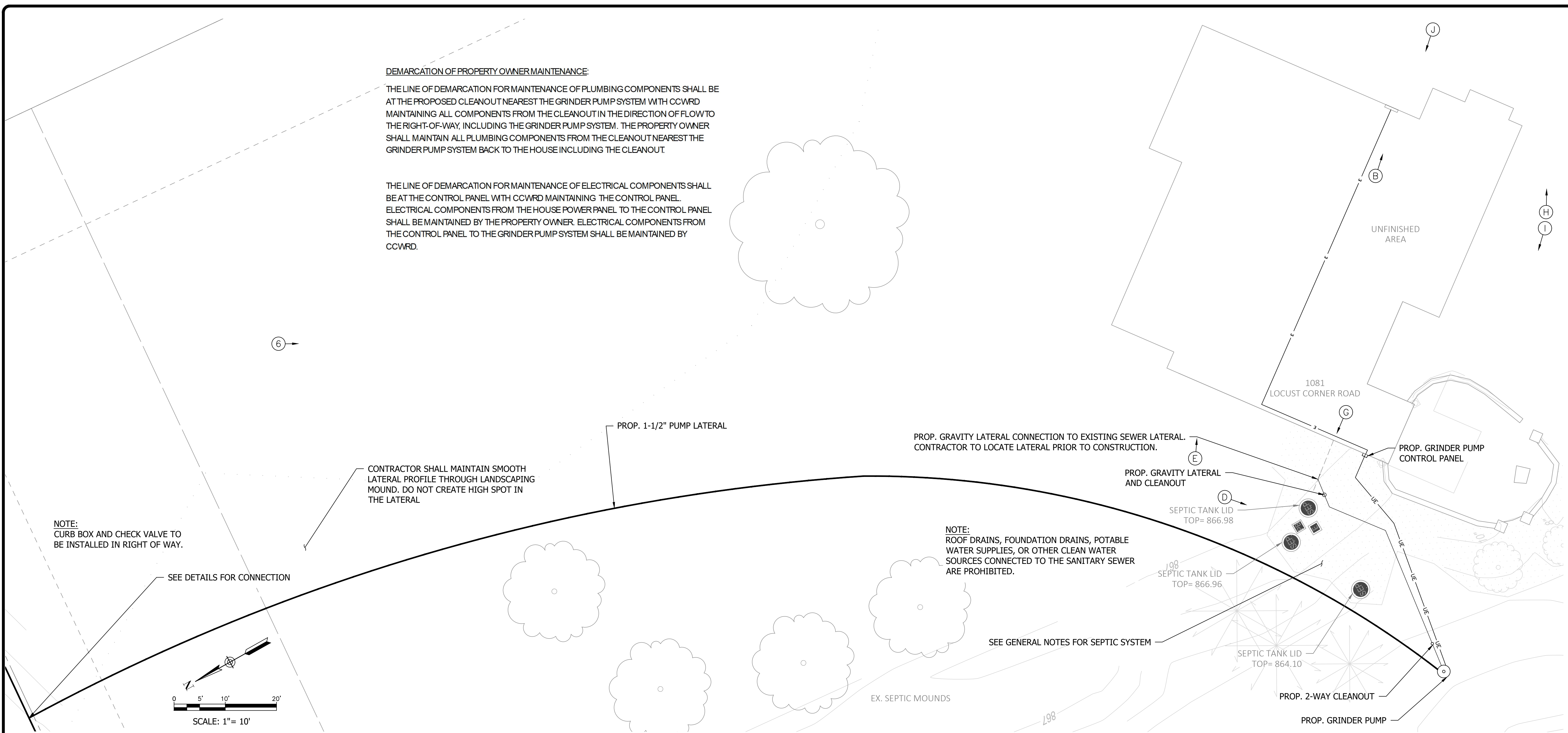
Louct Corner Grinders.dwg

2/23/2024

DEMARCATION OF PROPERTY OWNER MAINTENANCE:

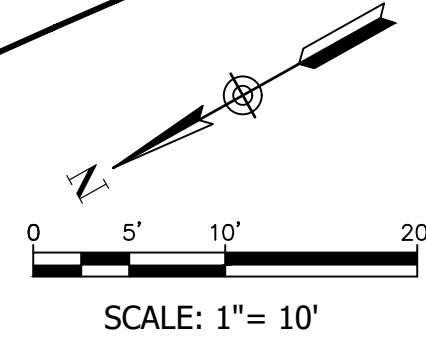
THE LINE OF DEMARCATION FOR MAINTENANCE OF PLUMBING COMPONENTS SHALL BE AT THE PROPOSED CLEANOUT NEAREST THE GRINDER PUMP SYSTEM WITH CCWRD MAINTAINING ALL COMPONENTS FROM THE CLEANOUT IN THE DIRECTION OF FLOW TO THE RIGHT-OF-WAY, INCLUDING THE GRINDER PUMP SYSTEM. THE PROPERTY OWNER SHALL MAINTAIN ALL PLUMBING COMPONENTS FROM THE CLEANOUT NEAREST THE GRINDER PUMP SYSTEM BACK TO THE HOUSE INCLUDING THE CLEANOUT.

THE LINE OF DEMARCATION FOR MAINTENANCE OF ELECTRICAL COMPONENTS SHALL BE AT THE CONTROL PANEL WITH CCWRD MAINTAINING THE CONTROL PANEL. ELECTRICAL COMPONENTS FROM THE HOUSE POWER PANEL TO THE CONTROL PANEL SHALL BE MAINTAINED BY THE PROPERTY OWNER. ELECTRICAL COMPONENTS FROM THE CONTROL PANEL TO THE GRINDER PUMP SYSTEM SHALL BE MAINTAINED BY CCWRD.



NOTE: CURB BOX AND CHECK VALVE TO BE INSTALLED IN RIGHT OF WAY.

SEE DETAILS FOR CONNECTION

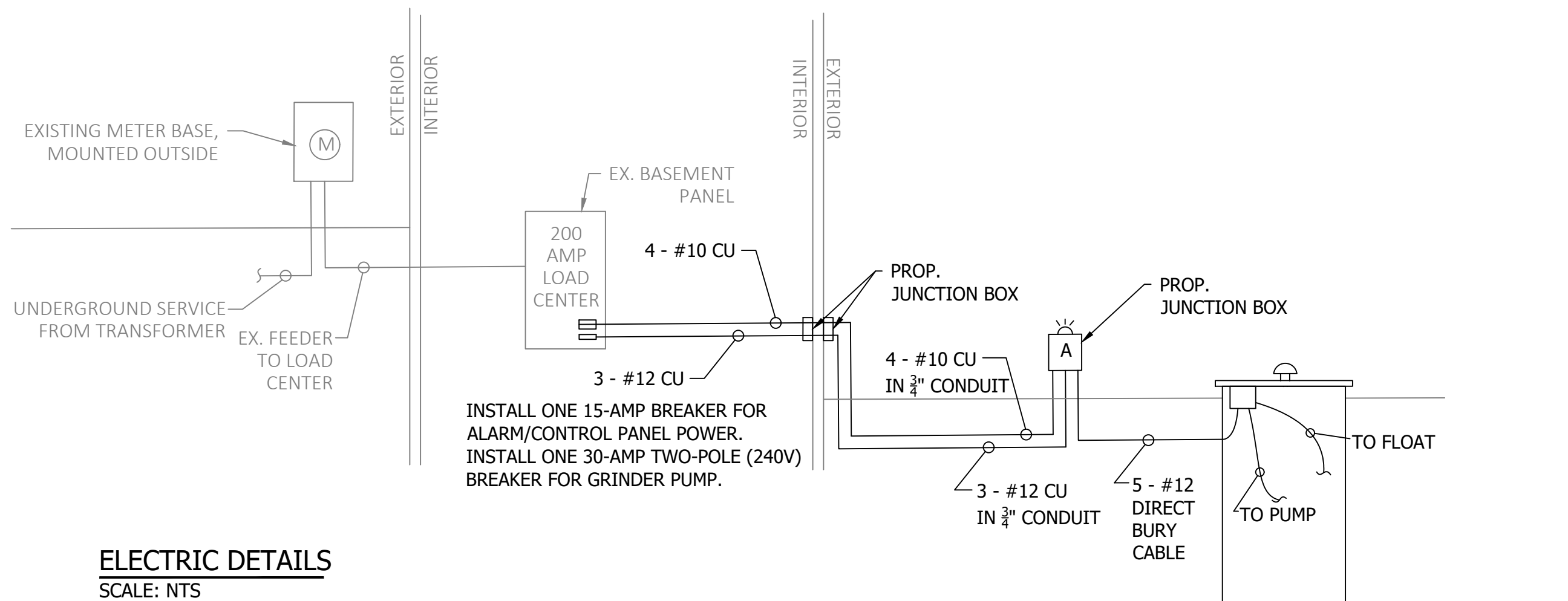


CONTRACTOR SHALL MAINTAIN SMOOTH LATERAL PROFILE THROUGH LANDSCAPING MOUND. DO NOT CREATE HIGH SPOT IN THE LATERAL

PROP. GRAVITY LATERAL CONNECTION TO EXISTING SEWER LATERAL. CONTRACTOR TO LOCATE LATERAL PRIOR TO CONSTRUCTION.

NOTE: ROOF DRAINS, FOUNDATION DRAINS, POTABLE WATER SUPPLIES, OR OTHER CLEAN WATER SOURCES CONNECTED TO THE SANITARY SEWER ARE PROHIBITED.

SEE GENERAL NOTES FOR SEPTIC SYSTEM



ELECTRIC DETAILS
SCALE: NTS

FOR PROPOSED LATERAL PIPING:

1. CONTRACTOR TO LOCATE THE EXISTING LATERAL NEAR THE SEPTIC TANK AND PROPOSED RECONNECTION.
2. REROUTE LATERAL TO PROPOSED GRINDER PUMP BASIN.
3. USE SDR-35 OR SCH. 40 PVC @ 2% MINIMUM SLOPE FOR SEWER LATERAL. DO NOT EXCEED 10% SLOPE.
4. ADD CLEANOUT BETWEEN GRINDER PUMP BASIN AND EXISTING LATERAL RECONNECTION.
5. USE FITTINGS LESS THAN OR EQUAL TO 45°.
6. REFER TO BASIN MANUFACTURER DETAILS FOR PROPER GRAVITY LATERAL CONNECTION TO BASIN.

ELECTRIC NOTES:

1. THERE ARE TWO (2) EXISTING 200-AMP SERVICE PANELS, ONE IN THE GARAGE AND ONE IN THE BASEMENT. THE BASEMENT PANEL HAS NO ADDITIONAL SPACE FOR THE PROPOSED BREAKERS.
2. THE EXISTING SEPTIC SYSTEM BREAKERS (ONE 20-AMP AND TWO 15-AMP) ARE LOCATED IN THE BASMENT PANEL AND SHALL BE REMOVED AFTER GRINDER PUMP SYSTEM HAS BEEN STARTED UP AND APPROVED.
3. CONTRACTOR SHALL PROVIDE TEMPORARY POWER FOR PROPOSED GRINDER PUMP START UP SERVICES DUE TO LACK OF ADDITIONAL SPACES IN THE EXISTING PANEL. REVIEW START UP PROCEDURES WITH THE ENGINEER AS NEEDED.
4. CONTRACTOR SHALL INSTALL ONE (1) 15-AMP BREAKER FOR THE CONTROL PANEL AND ONE (1) 30-AMP TWO-POLE BREAKER (240-V) FOR THE PUMP IN THE BASEMENT PANEL. PROPERLY TERMINATE/REMOVE EXISTING WIRING FOR THE EXISTING SEPTIC SYSTEM. LABEL EXPOSED TERMINATED WIRE.
5. ROUTE 2-#12 WITH GROUND (3-#12 TOTAL) FOR THE 15-AMP CONTROL PANEL CIRCUIT FROM THE BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
6. ROUTE 3-#10 WITH GROUND (4-#10 TOTAL) FOR THE TWO-POLE 30-AMP PUMP CIRCUIT FROM THE BASEMENT PANEL TO THE PROPOSED CONTROL PANEL.
7. ELECTRIC WORK IS IN AN UNFINISHED AREA OF THE BASEMENT.

ACKNOWLEDGEMENT OF PROPOSED INFRASTRUCTURE LOCATION

SIGN _____ DATE _____



Revisions	Date	Drawn By

Drawn by:	KFR	Date:	12/2023
Checked by:	ZM	Date:	03/22/24
Approved by:	JMM	Date:	03/25/24
Cal. File Name			

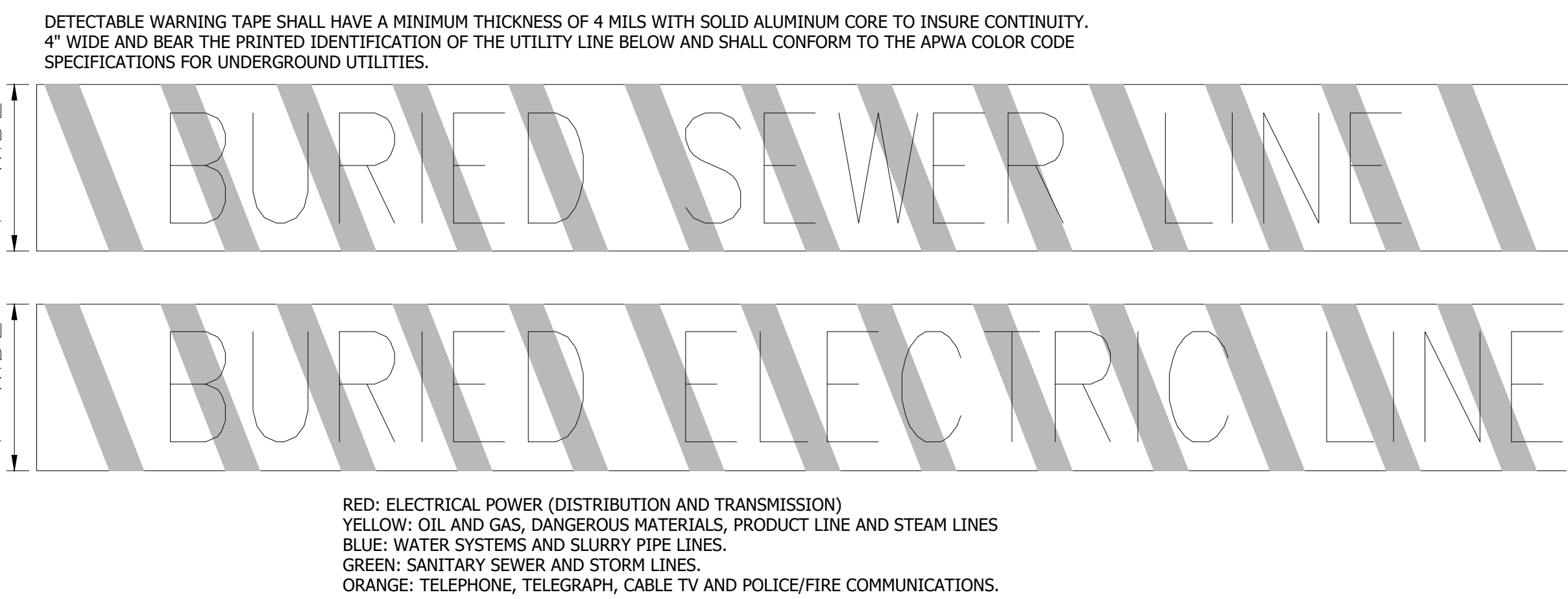
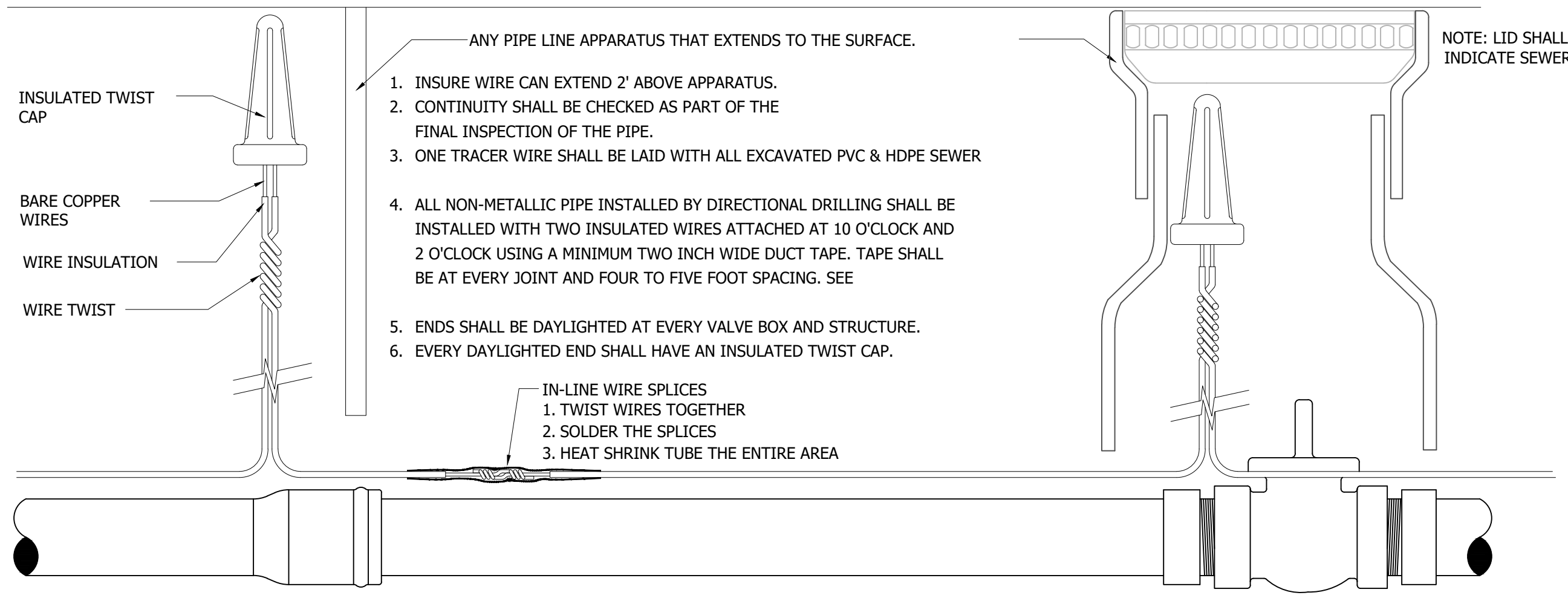
**LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228**

**CLERMONT COUNTY
OHIO**

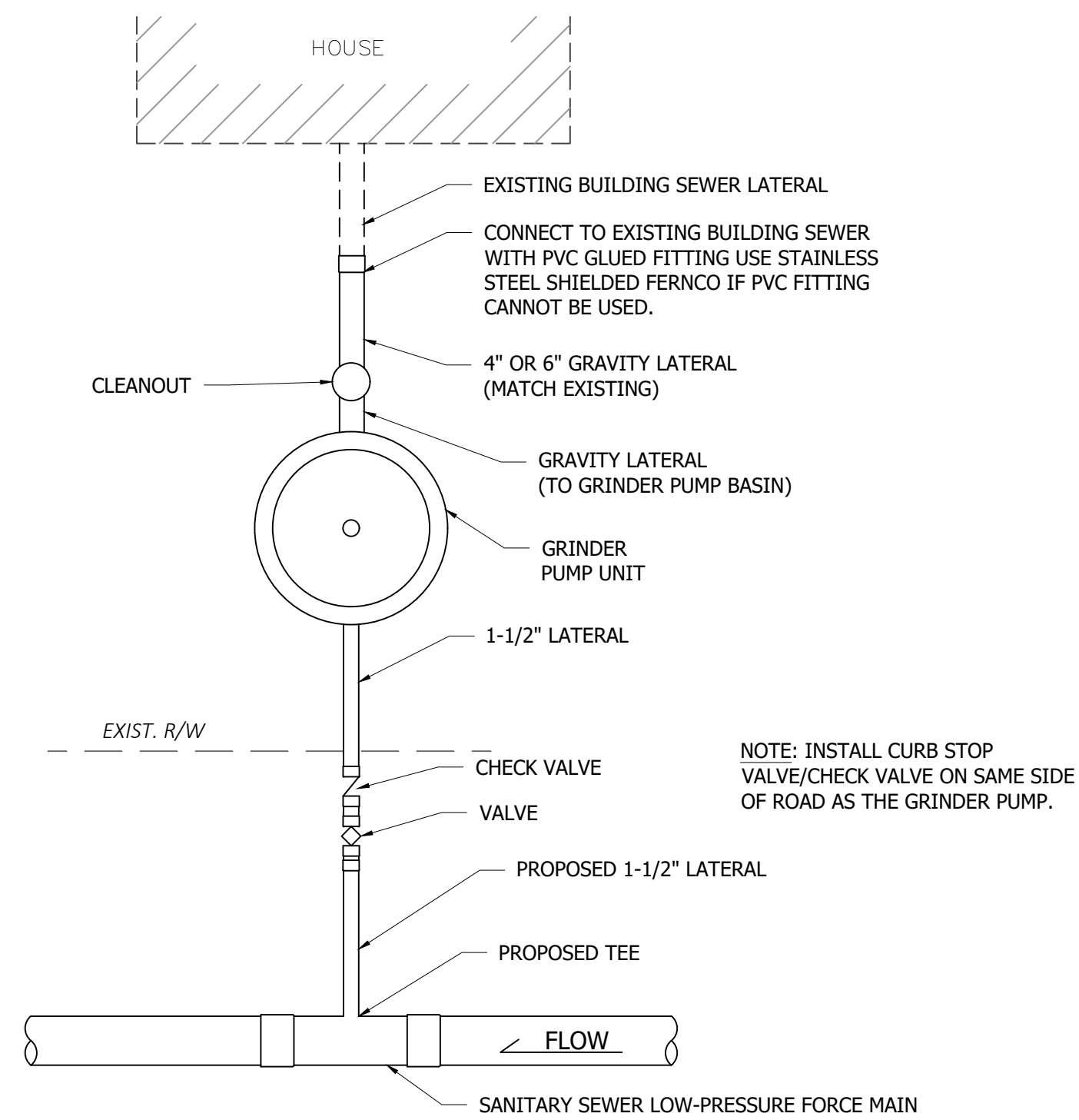
Scale
1" = 10'

**GRINDER PLAN
1081
LOCUST CORNER ROAD**

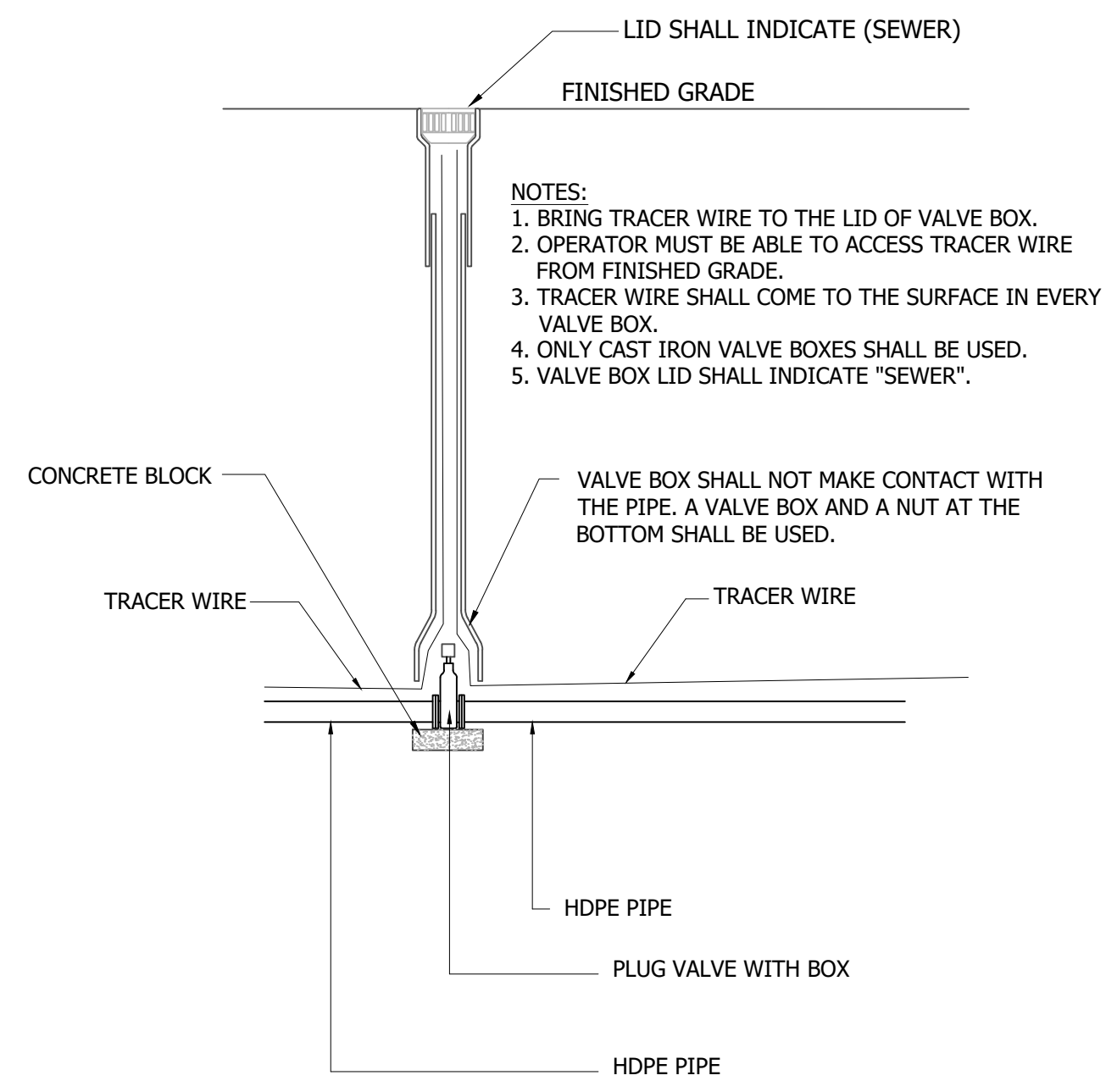
SHEET NUMBER
47



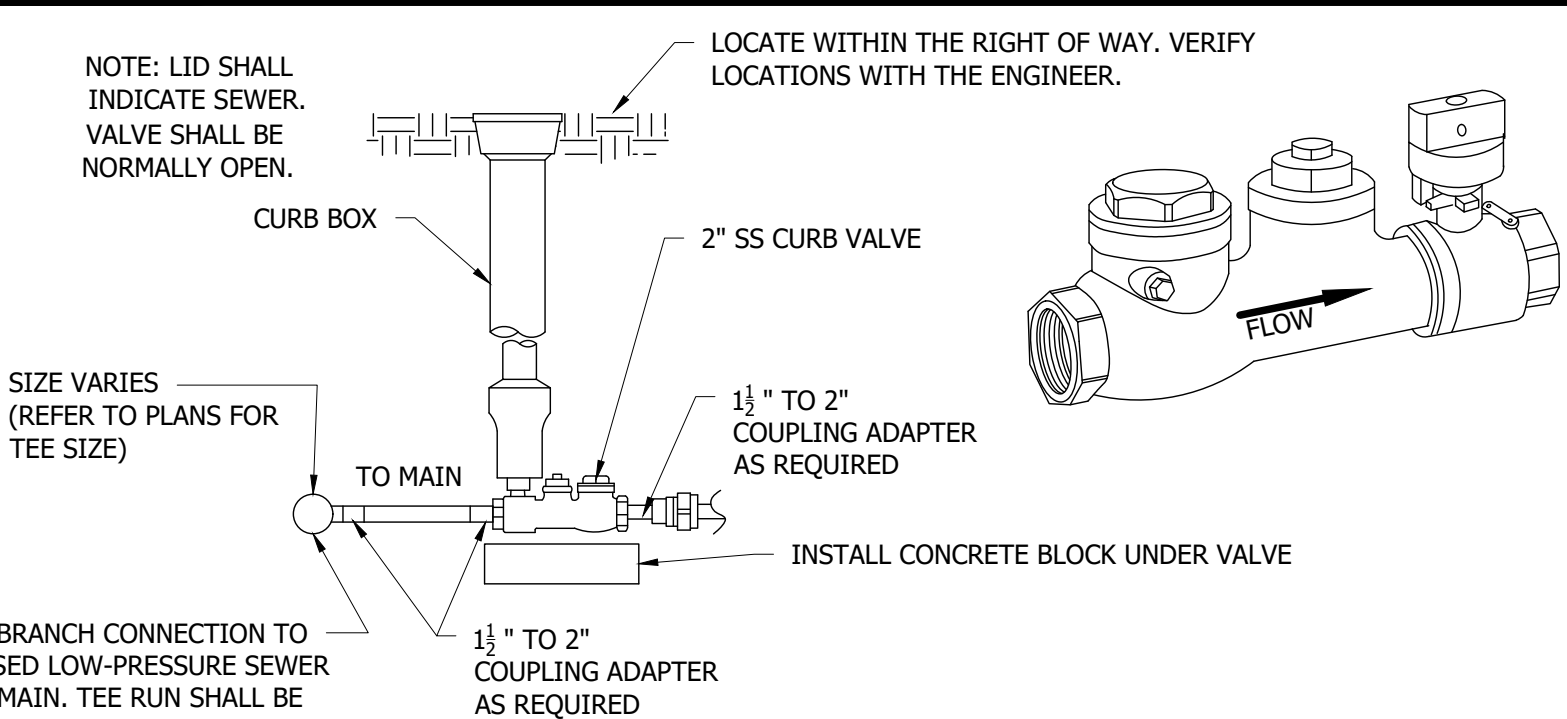
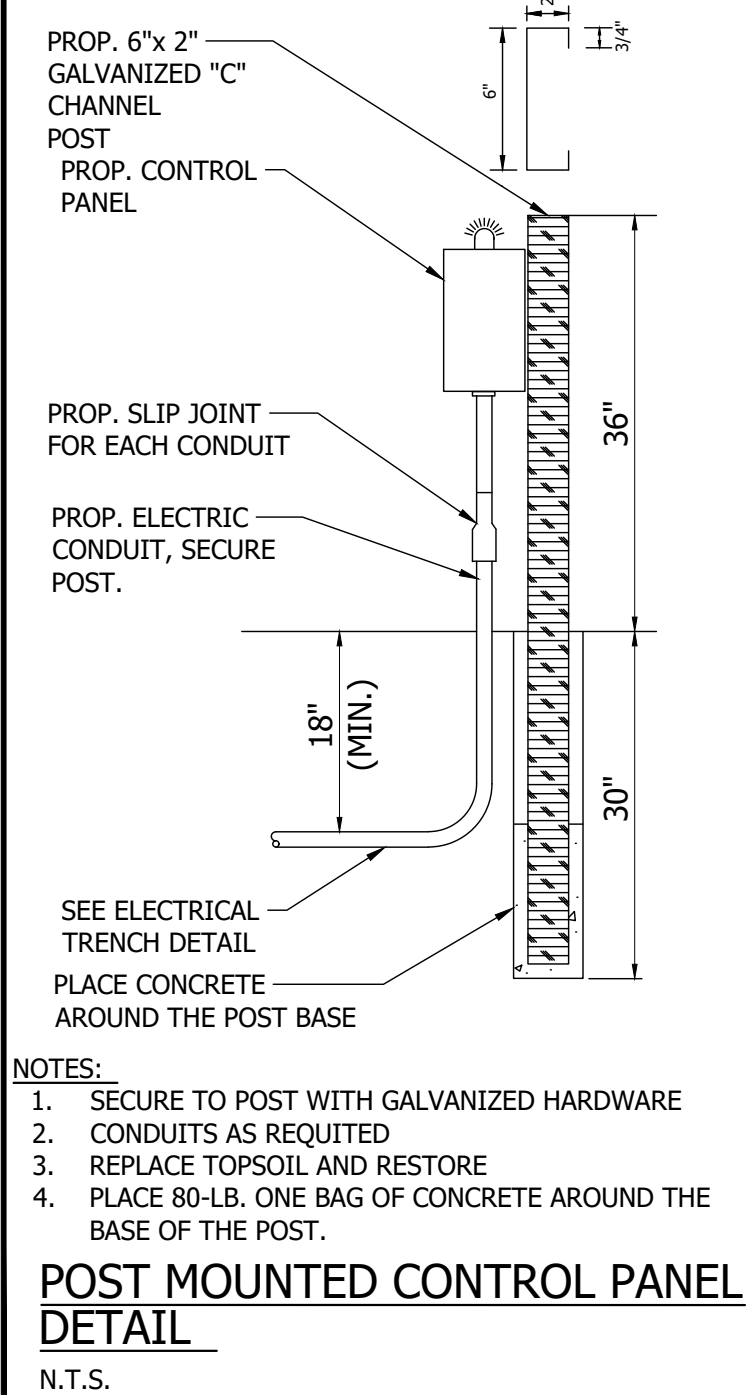
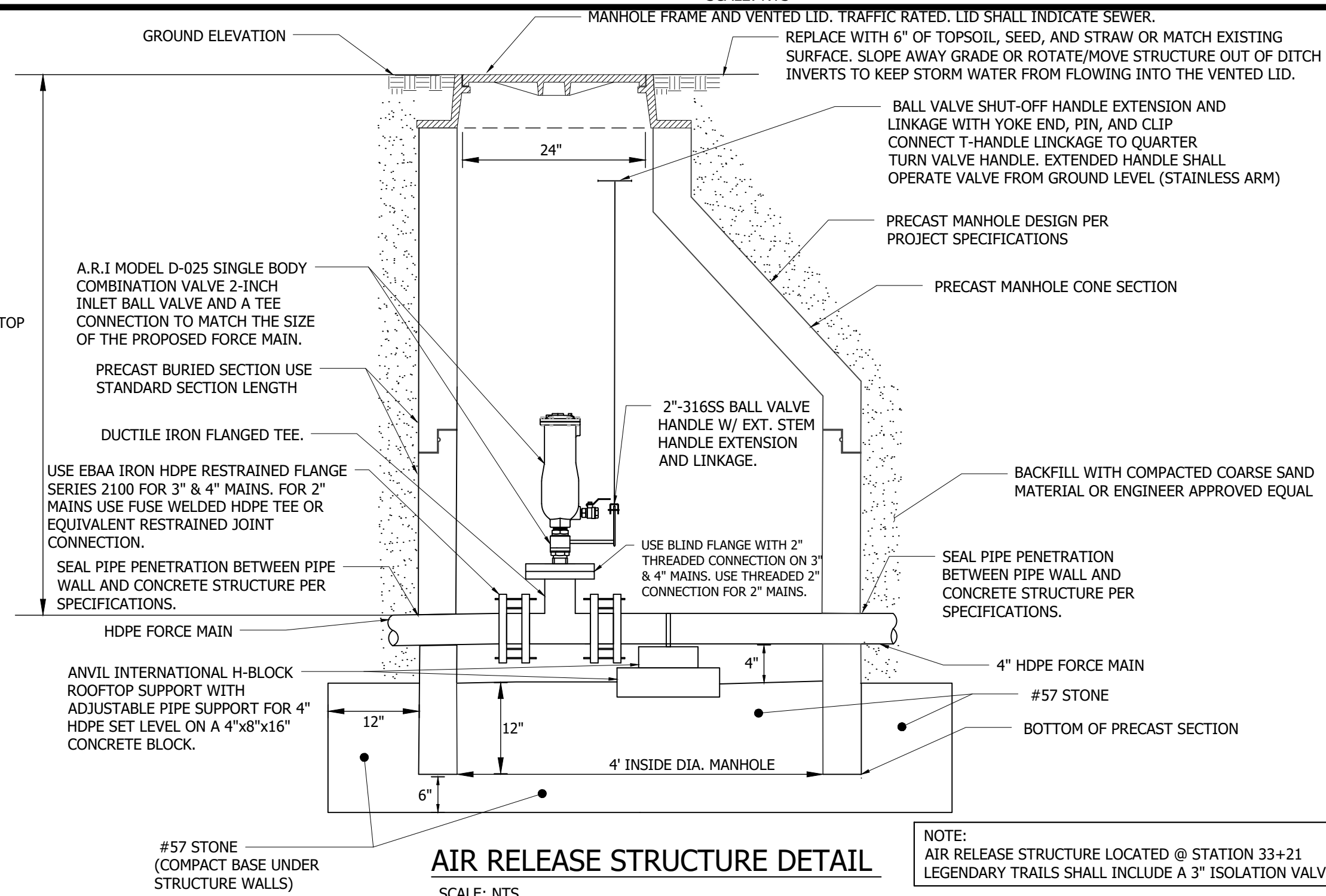
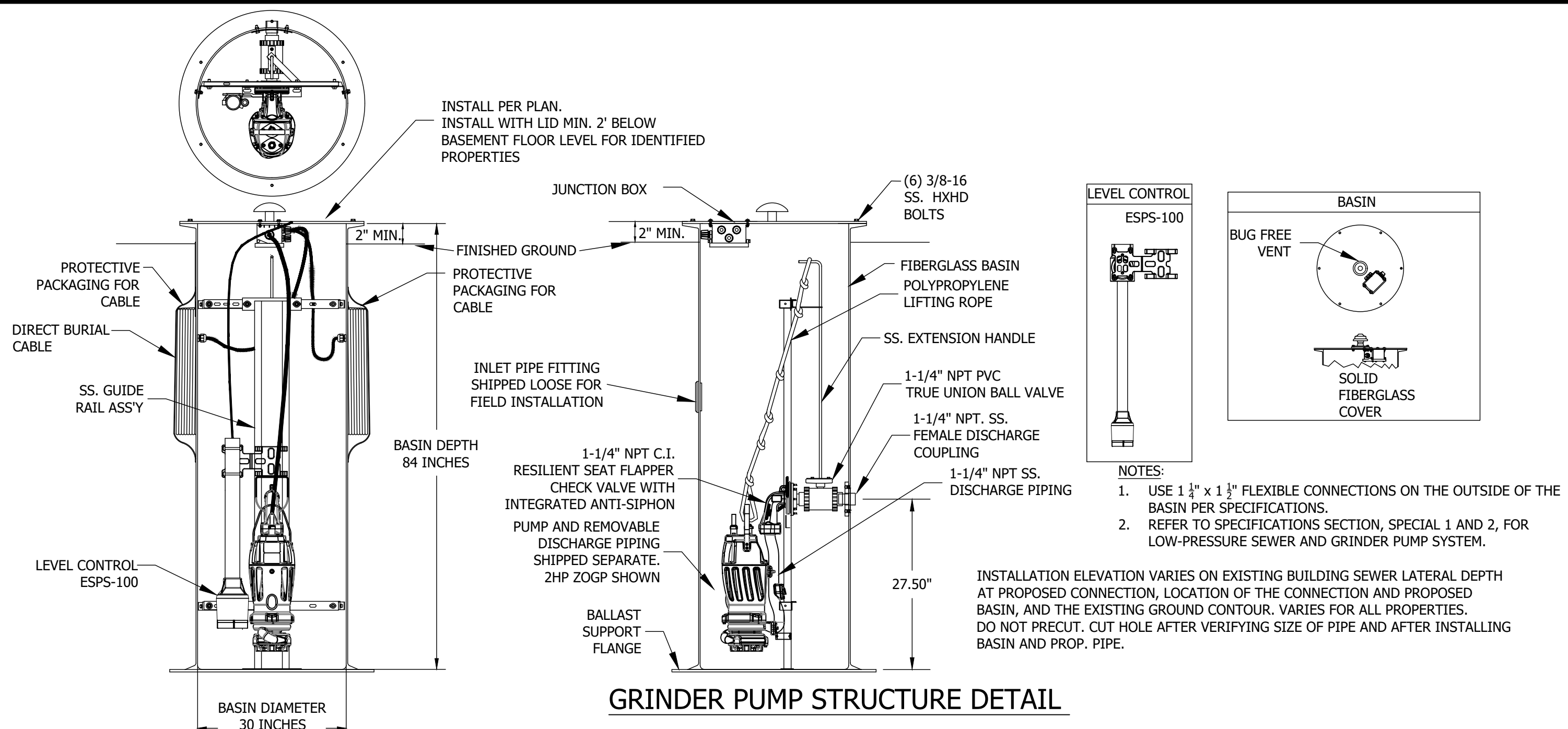
DETECTABLE WARNING TAPE (TO BE USED IN OPEN EXCAVATION)
SCALE: N.T.S.



GRINDER PUMP SERVICE LATERAL DETAIL
SCALE: N.T.S.



ISOLATION VALVE DETAIL
SCALE: N.T.S.



- SPECIFICATION NOTES:
- HOUSING SHALL BE ASTM CF8M 316 SS
 - TEMPERATURE: 150°F (51°C)
 - USE 2" NPT STAINLESS STEEL CURBSTOP/CHECK VALVE MANUFACTURED BY "CRANE PUMPS" OR ENGINEER APPROVED EQUAL
 - MAX WORKING PRESSURE IS 150 PSI (1000 kPa)
 - FULL PORTED SWING CHECK VALVE SHALL RESEAT AT LOW BACK PRESSURE WITH SUFFICIENT WEIGHT TO SEAT TIGHTLY.
 - PROVIDE ANY REQUIRED FITTINGS TO CONNECT TO 1 1/2" PIPING.
 - CF8M STAINLESS STEEL CHECK VALVE FLAP WITH VITON GASKET
 - FULL PORTED 3/4" TURN SHUTOFF BALL VALVE
 - THREADED SERVICE PORT TO ACCESS CHECK VALVE
 - GAGE PORT SHALL PERMIT FIELD MONITORING OF SYSTEM PROPERTIES WITH ZERO LEAKAGE. A CHECK VALVE SHALL PREVENT ANY FLOW OR PRESSURE FROM COMING BACK TO THE PROPERTY GRINDER SYSTEM
 - TRANSITION COUPLINGS, VALVE BOX, KEY AND EXTENSION HANDLE TO BE PROVIDED

Revisions	Date	Drawn By

Date:	11/2023
Checked by:	KFR
Date:	03/22/24
Approved by:	ZM
Date:	03/25/24
Checked by:	JMM
Scale:	N.T.S.

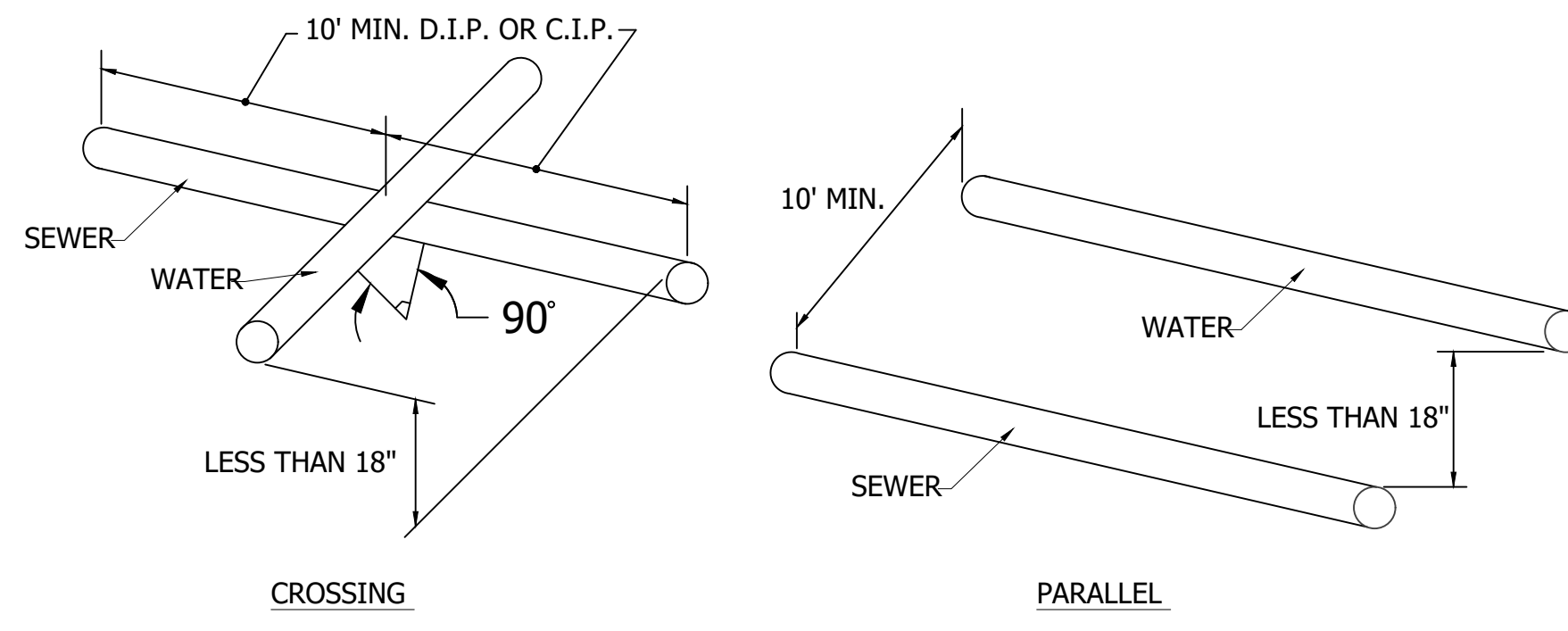
Drawn by: KFR
Checked by: ZM
Approved by: JMM
Scale: N.T.S.

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228

CLERMONT COUNTY
OHIO

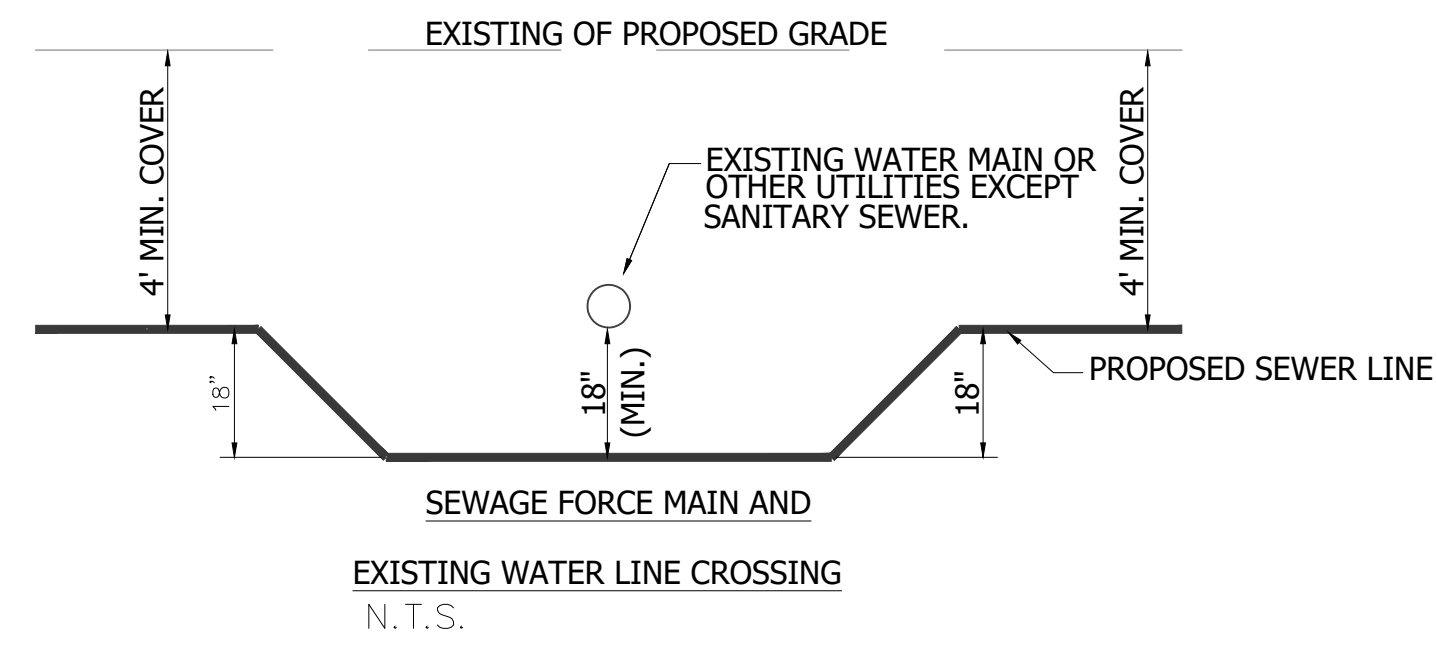
Scale
N.T.S.

GENERAL DETAILS

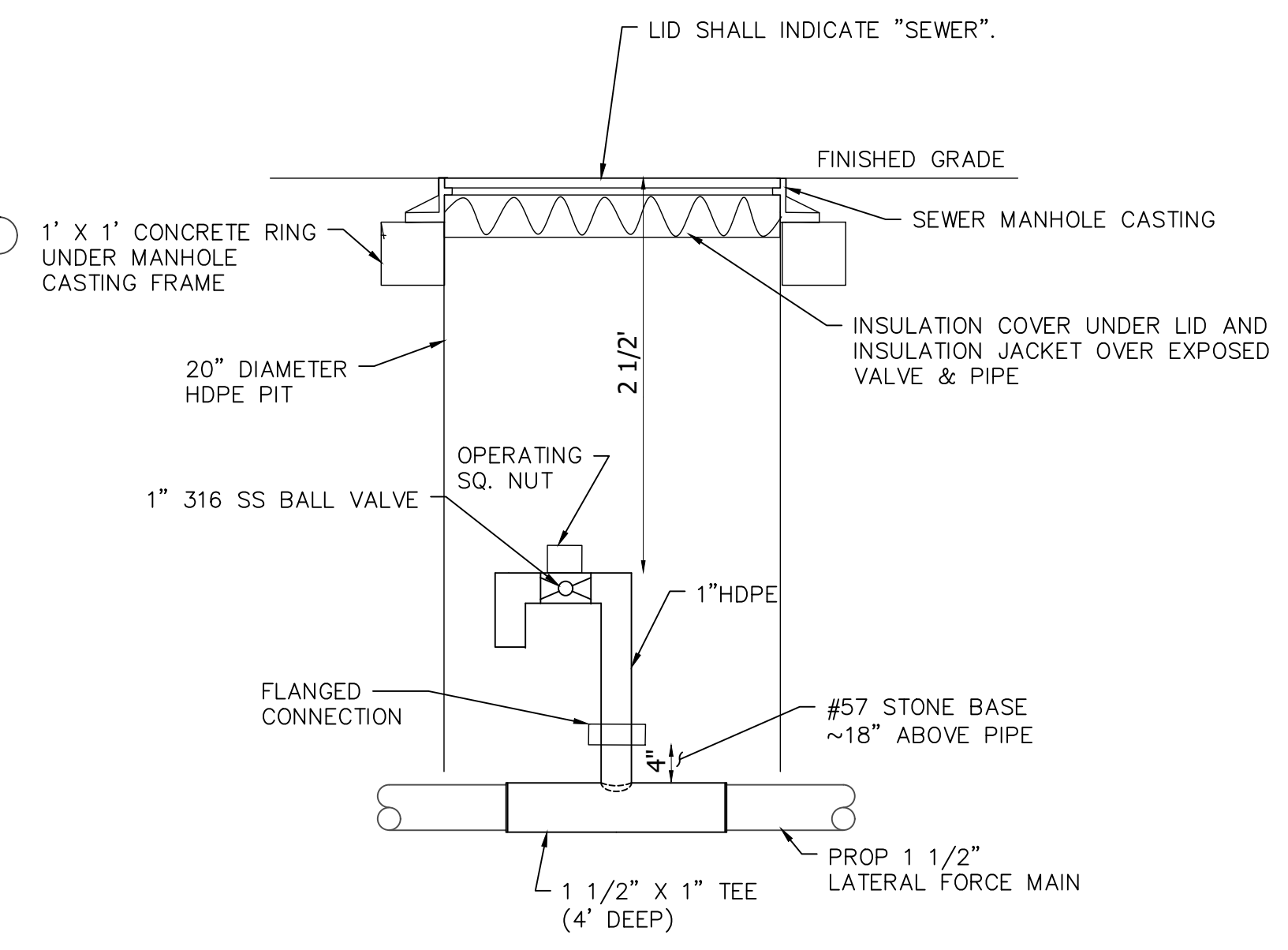


NOTE:
IF LESS THAN 18" VERTICAL SEPARATION BETWEEN TOP OF SEWER LINE AND BOTTOM OF WATER LINE, THE SEWER PIPE SHALL BE CONTINUOUS HDPE WITH NO JOINTS FOR A MIN. OF 10' IN EACH DIRECTION WITH JOINTS AS FAR FROM WATER LINE AS POSSIBLE. REVIEW THESE LOCATIONS WITH THE ENGINEER.

WATER & SEWER INTERSECTION DETAIL



EXISTING WATER LINE CROSSING
N.T.S.



NOTES:
1. DO NOT REST BASIN ON FORCE MAIN.
2. USE FOR THE 1-1/2" LATERAL FORCE MAIN LOCATED AT 3430 LEGENDARY TRAILS DRIVE REFER TO SHEET 15 FOR LOCATION.

MANUAL AIR RELEASE DETAIL
N.T.S.

REINFORCING FOR SAG BENDS

- 11 1/4° BEND - #4 @ 8 1/2" c/c
- 22 1/2° BEND - #4 @ 5 1/4" c/c
- 45° BEND - #6 @ 6" c/c

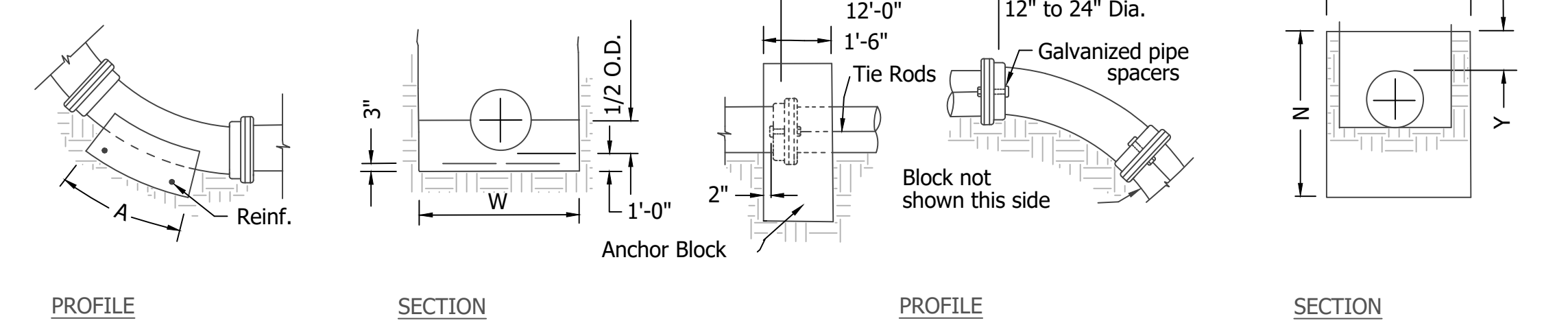


TABLE OF MINIMUM DIMENSIONS

DIA.	11 1/4° Bend			22 1/2° Bend			45° Bend			OVER BENDS						
	A	W	C.Y.	A	W	C.Y.	A	W	C.Y.	X	V	Y	N	C.Y.	TIE RODS - No. and Size	
4"																2-3/4" Dia.
6"				0'-8"	0'-11"	0.03	0'-8"	1'-0"	0.03	1'-0"	4'-3"	1'-0"	2'-4"	0.55	2-3/4" Dia.	
8"	0'-8"	0'-8"	0.02	0'-8"	1'-9"	0.05	0'-8"	2'-0"	0.07	1'-0"	4'-6"	1'-0"	2'-6"	0.61	2-3/4" Dia.	
10"	0'-8"	0'-11"	0.03	0'-10"	2'-3"	0.08	1'-8"	2'-8"	0.22	1'-0"	4'-8"	1'-0"	2'-8"	0.67	2-3/4" Dia.	
12"	0'-8"	1'-5"	0.04	1'-0"	2'-9"	0.15	2'-2"	2'-11"	0.32	1'-0"	4'-10"	1'-0"	3'-2"	0.85	4-3/4" Dia.	
14"	1'-0"	1'-5"	0.06	1'-4"	3'-0"	0.21	2'-10"	3'-2"	0.48	1'-0"	5'-0"	1'-0"	4'-1"	1.13	4-3/4" Dia.	
16"	1'-4"	1'-6"	0.08	1'-8"	3'-2"	0.28	3'-6"	3'-4"	0.63	1'-0"	5'-2"	1'-0"	4'-5"	1.27	6-3/4" Dia.	
18"	1'-6"	1'-9"	0.12	2'-0"	3'-4"	0.37	4'-4"	3'-5"	0.83							
20"	1'-8"	1'-11"	0.15	2'-4"	3'-6"	0.47	4'-4"	4'-3"	1.09							
24"	1'-10"	2'-7"	0.24	3'-0"	4'-0"	0.72	4'-6"	5'-10"	1.72							

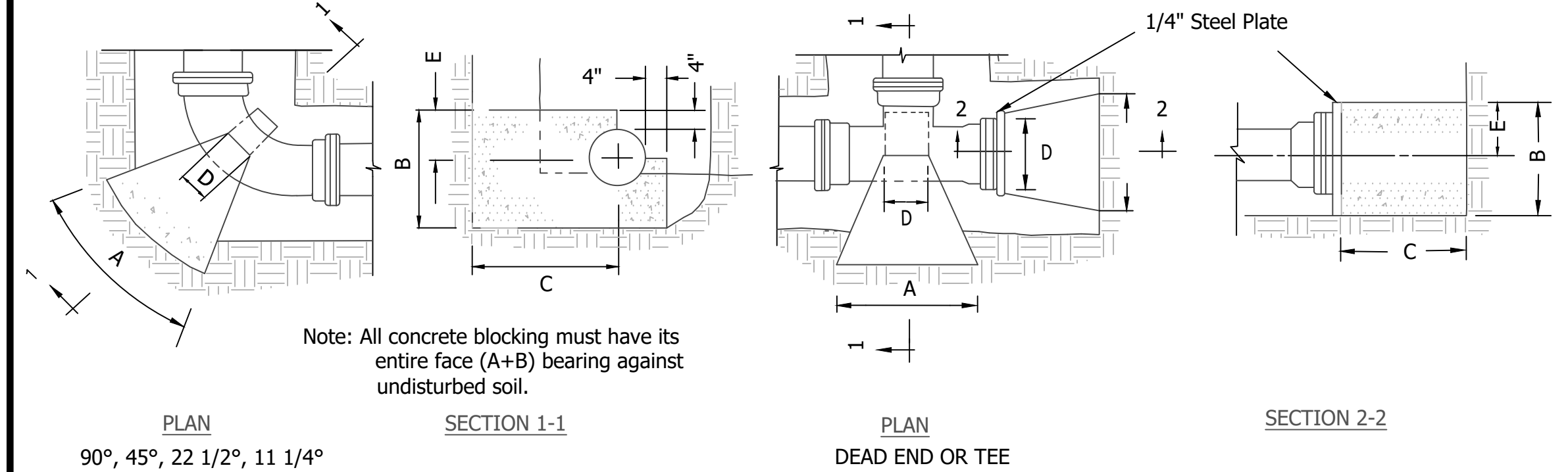
* QUANTITY SHOWN FOR EACH ANCHOR BLOCK
** DOUBLE NUT EACH ROD EACH END

NOTE: BLOCKING DESIGN BASED ON WORKING PRESSURE 150 PSI AND 100 PSI WATER HAMMER AND SOIL BEARING 3000 PSF.

ADDITIONAL BLOCKING AS DIRECTED BY ENGINEER

THRUST BLOCKING DETAILS

FOR BENDS IN VERTICAL PLANE
WORKING PRESSURE UP TO 150 PSI



Note: All concrete blocking must have its entire face (A+B) bearing against undisturbed soil.

TABLE OF MINIMUM DIMENSIONS

DIA.	11 1/4° Bend			22 1/2° Bend			45° Bend			90° Bend			Tee-Dead End		
	A	B	C.Y.	A	B	C.Y.	A	B	C.Y.	A	B	C.Y.	A	B	C.Y.
4"															
6"				1'-0"	1'-0"	0.08	1'-0"	1'-0"	0.08	1'-6"	1'-0"	0.10	1'-1"	1'-0"	0.08
8"	1'-0"	1'-0"	0.07	1'-5"	1'-2"	0.11	1'-7"	1'-2"	0.12	2'-6"	1'-4"	0.17	1'-10"	1'-4"	0.15
10"	1'-2"	1'-2"	0.09	2'-0"	1'-4"	0.15	3'-0"	1'-8"	0.25	4'-3"	2'-2"	0.44	3'-4"	2'-0"	0.32
12"	1'-5"	1'-4"	0.23	2'-6"	1'-6"	0.35	3'-8"	2'-0"	0.65	5'-0"	2'-6"	1.10	4'-1"	2'-4"	0.82
14"	1'-8"	1'-6"	0.28	3'-0"	1'-8"	0.45	4'-3"	2'-4"	0.84	6'-0"	3'-0"	1.40	4'-10"	2'-8"	1.05
16"	2'-0"	1'-8"	0.33	3'-4"	2'-0"	0.58	4'-10"	2'-8"	1.06	6'-10"	3'-6"	1.77	5'-7"	3'-0"	1.30
18"	2'-4"	1'-10"	0.53	3'-7"	2'-4"	0.95	5'-6"	3'-0"	1.73	7'-6"	4'-0"	2.93	6'-1"	3'-6"	2.18
20"	2'-7"	2'-0"	0.61	3'-10"	2'-8"	1.15	6'-1"	3'-4"	2.05	8'-4"	4'-6"	3.61	6'-7"	4'-0"	2.62
24"	3'-5"	2'-2"	0.97	5'-0"	3'-0"	1.91	7'-7"	3'-10"	3.44	9'-9"	5'-6"	6.20	8'-6"	4'-6"	4.47

DIMENSION C
4"-10" Dia. = 2'-0"
12"-16" Dia. = 3'-0"
18"-20" Dia. = 4'-0"
24" Dia. = 5'-0"

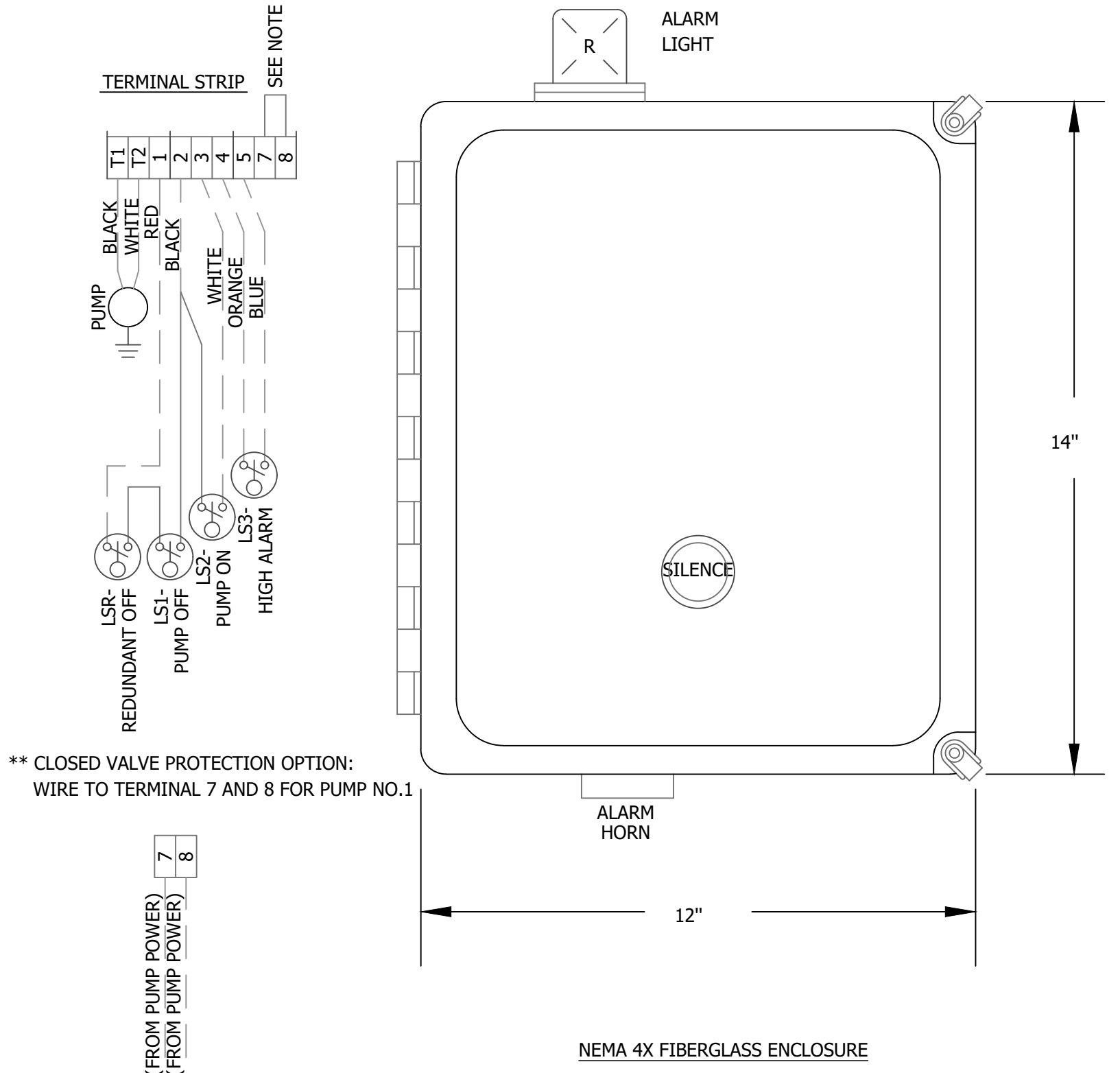
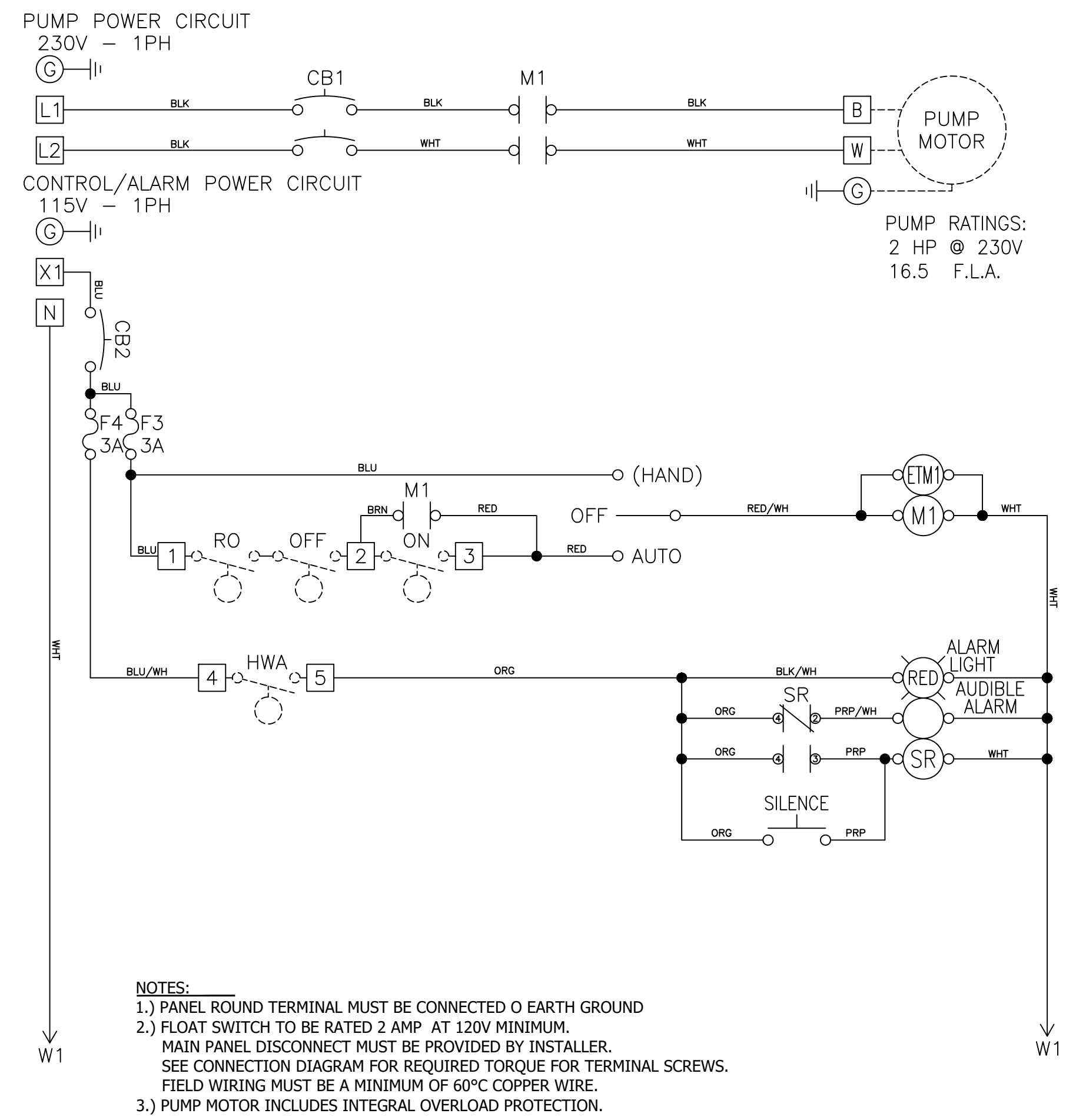
DIMENSION D
4"-10" Dia. = 1'-0"
12"-24" Dia. = 2'-0"

DIMENSION E
For all Diameters
E=D/2+4"

NOTE: Blocking design based on working pressure 150 psi and 100 psi water hammer and soil bearing 3000 psf.

ADDITIONAL BLOCKING AS DIRECTED BY THE ENGINEER

THRUST BLOCKING DETAILS



** CLOSED VALVE PROTECTION OPTION:
WIRE TO TERMINAL 7 AND 8 FOR PUMP NO.1

NOTES:
1.) PANEL ROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND
2.) FLOAT SWITCH TO BE RATED 2 AMP AT 120V MINIMUM.
MAIN PANEL DISCONNECT MUST BE PROVIDED BY INSTALLER.
SEE CONNECTION DIAGRAM FOR REQUIRED TORQUE FOR TERMINAL SCREWS.
FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE.
3.) PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTION.

Revisions	Date	Drawn By

Drawn by: **KFR**
Checked by: **ZM**
Approved by: **JMM**
Date: **11/2023**
Date: **03/22/24**
Date: **03/25/24**

Details Sheet 2

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228
CLERMONT COUNTY
OHIO

Scale
N.T.S.

GENERAL DETAILS
2

SHEET NUMBER
49

Revisions	Date	Drawn By

Drawn by:	Date:
KRM	11/2023
Checked by:	Date:
ZM	03/22/24
Approved by:	Date:
JMM	03/25/24
Job File Name:	

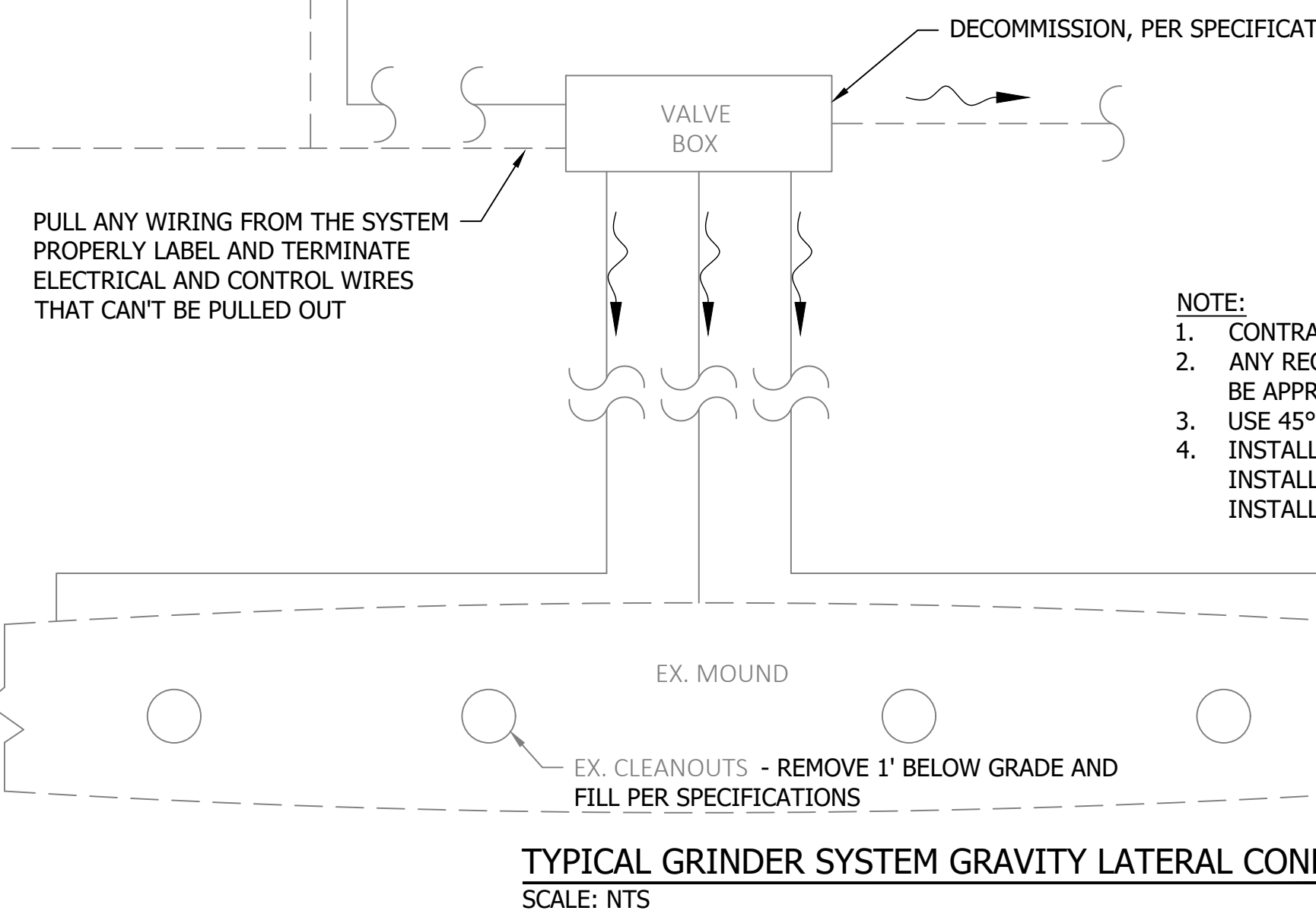
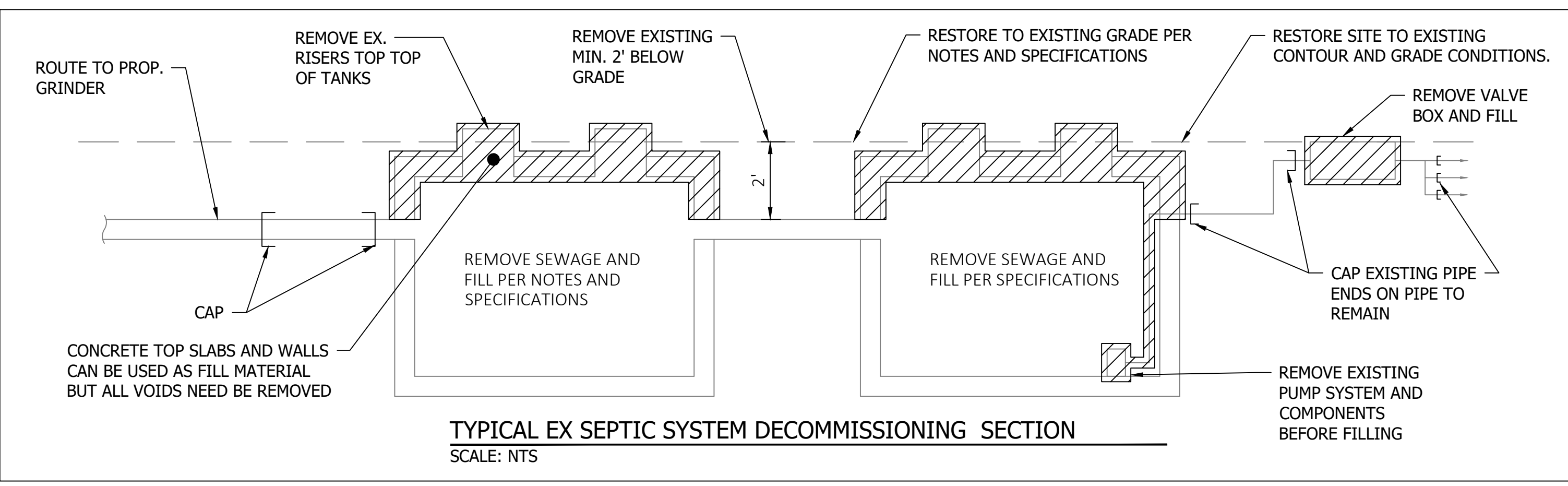
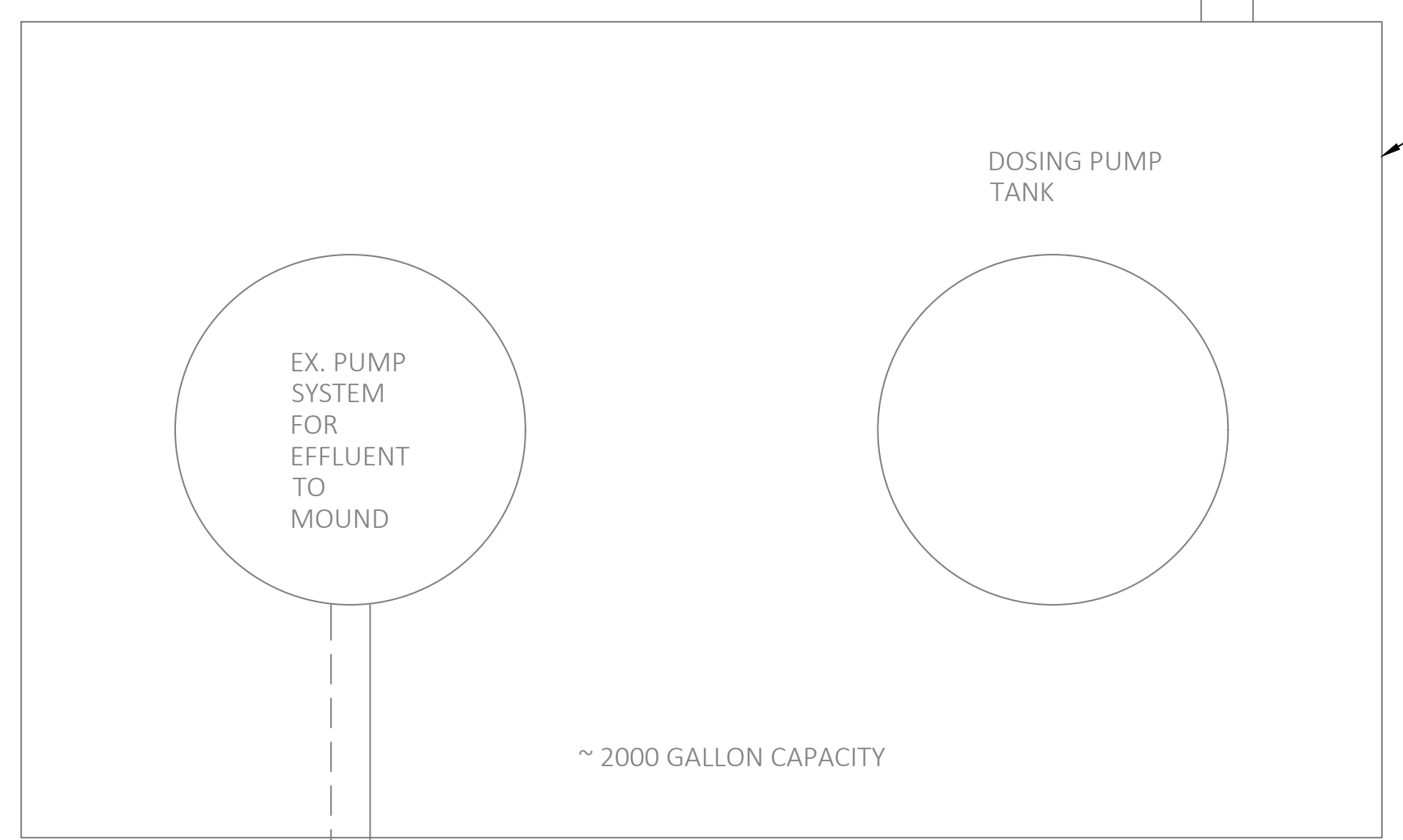
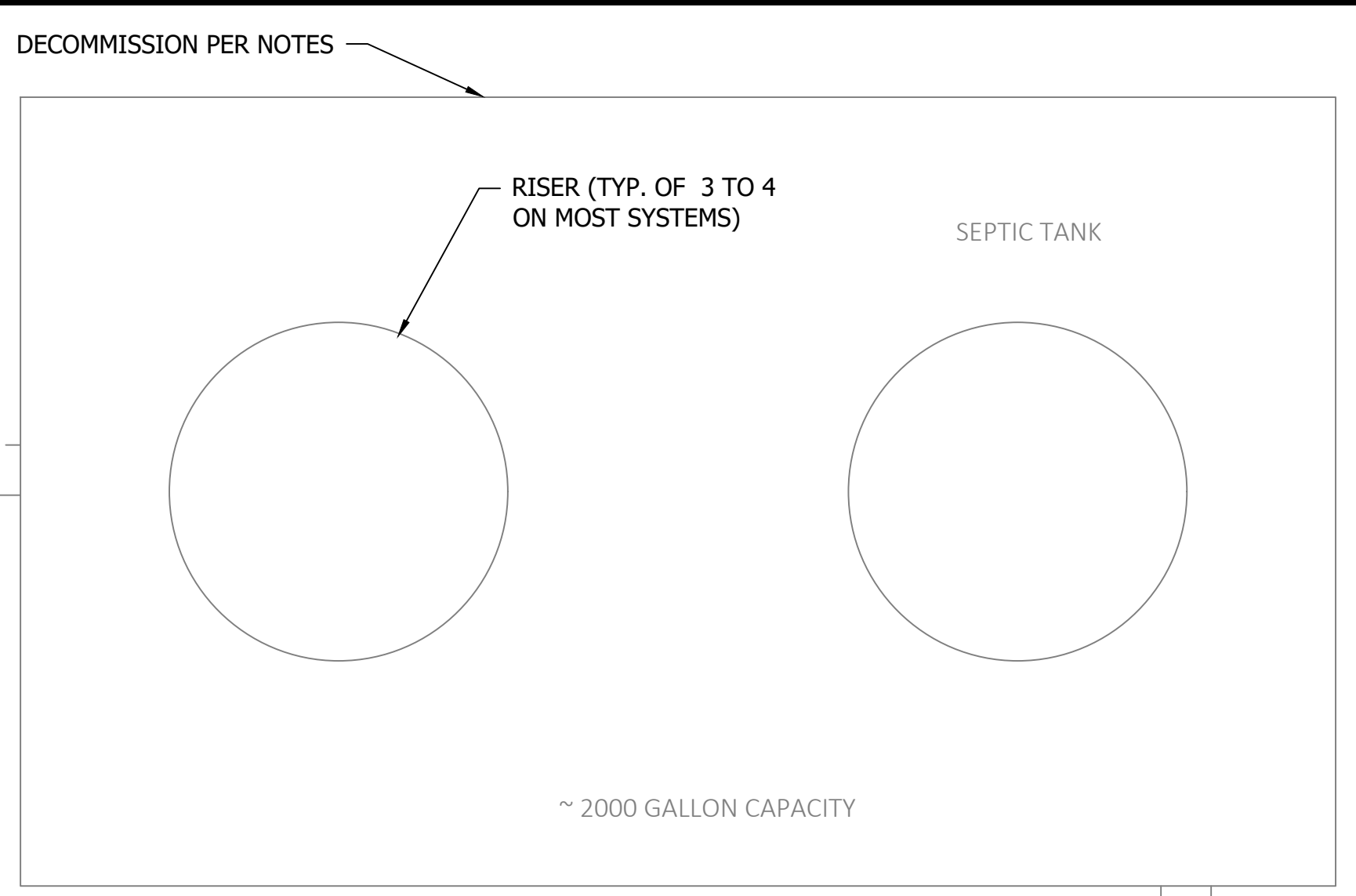
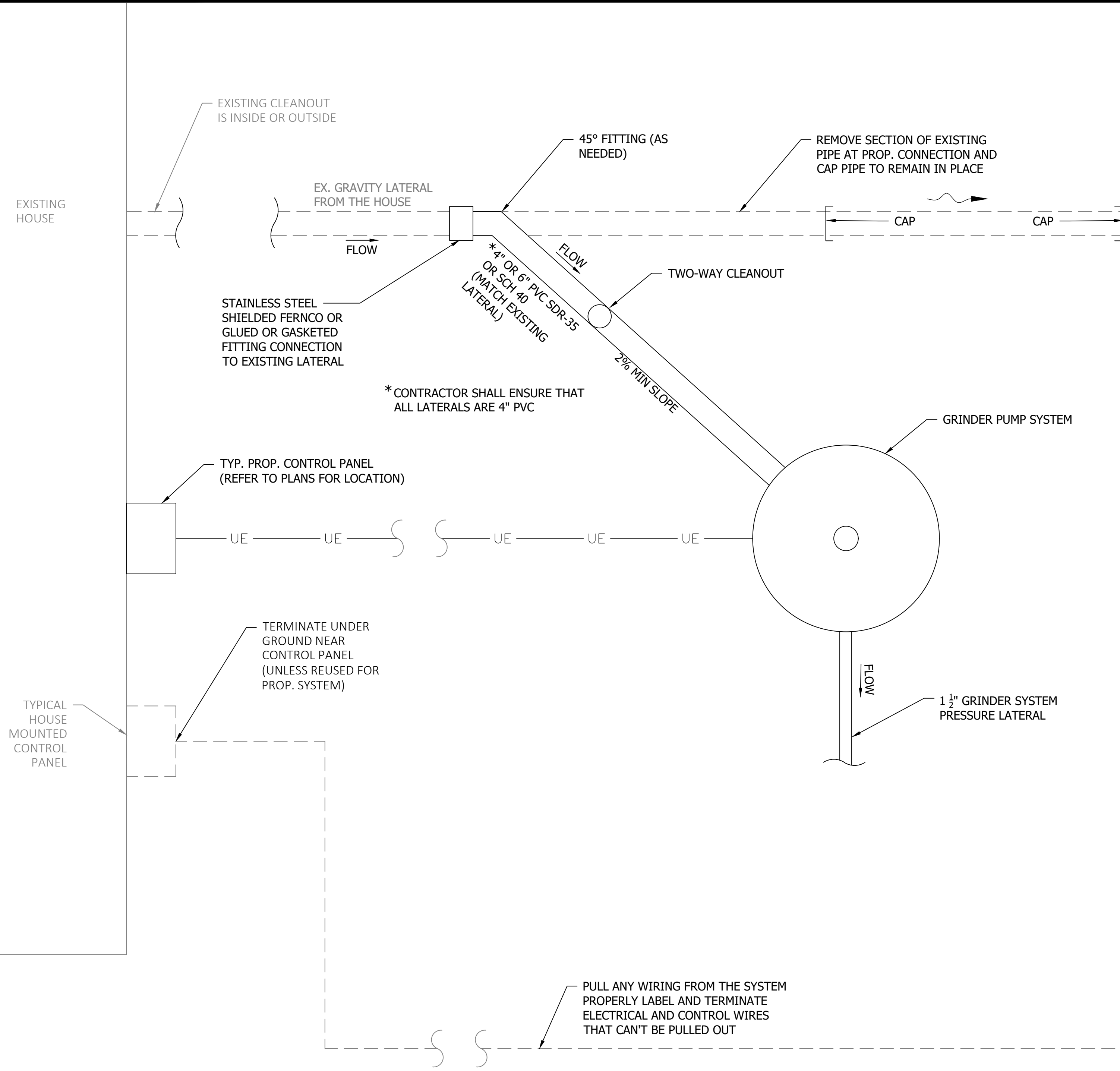
DETAILS	

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT No. 6402-60228
 CLERMONT COUNTY
 OHIO

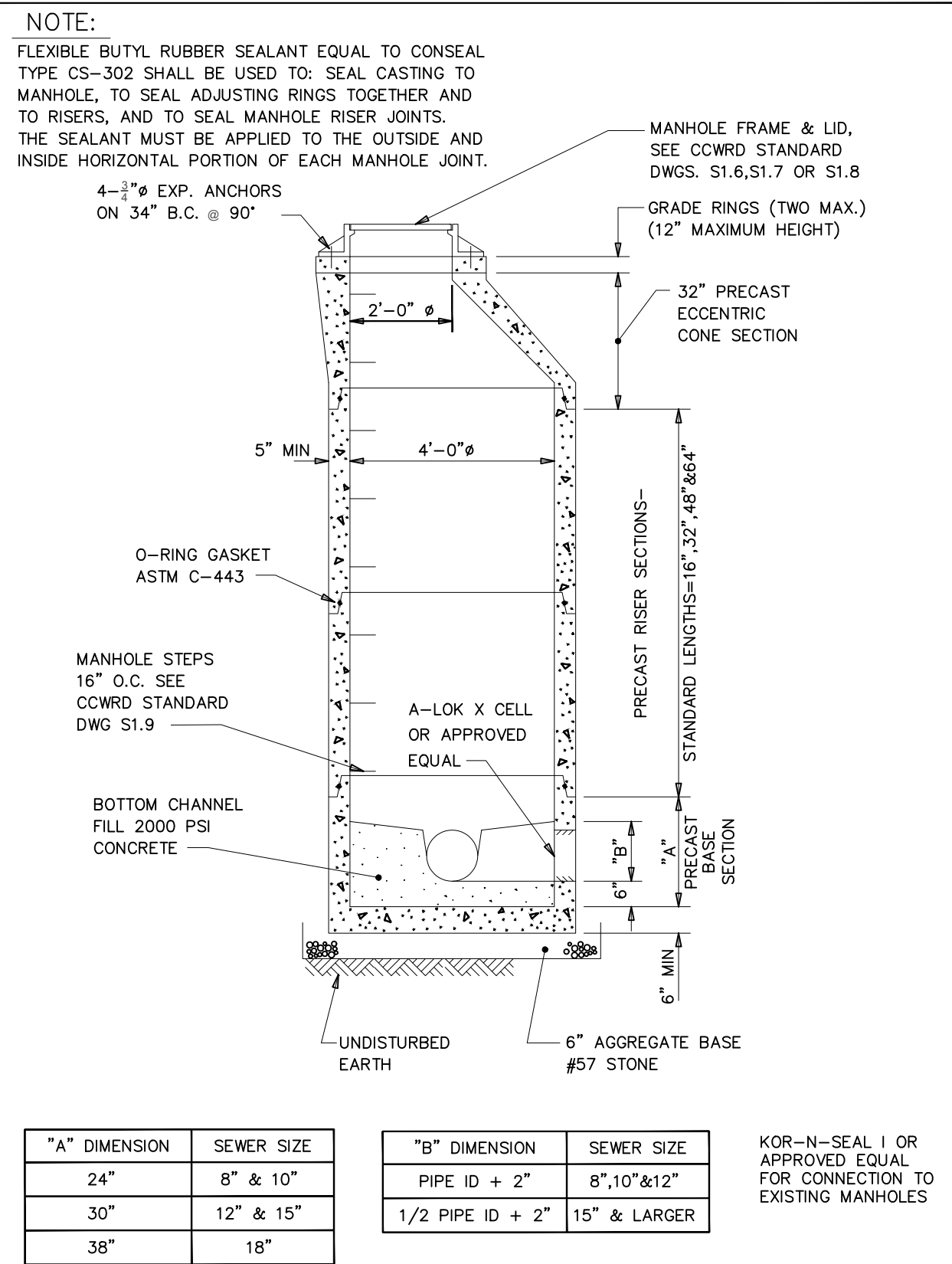
Scale
NONE

GENERAL DETAILS
3

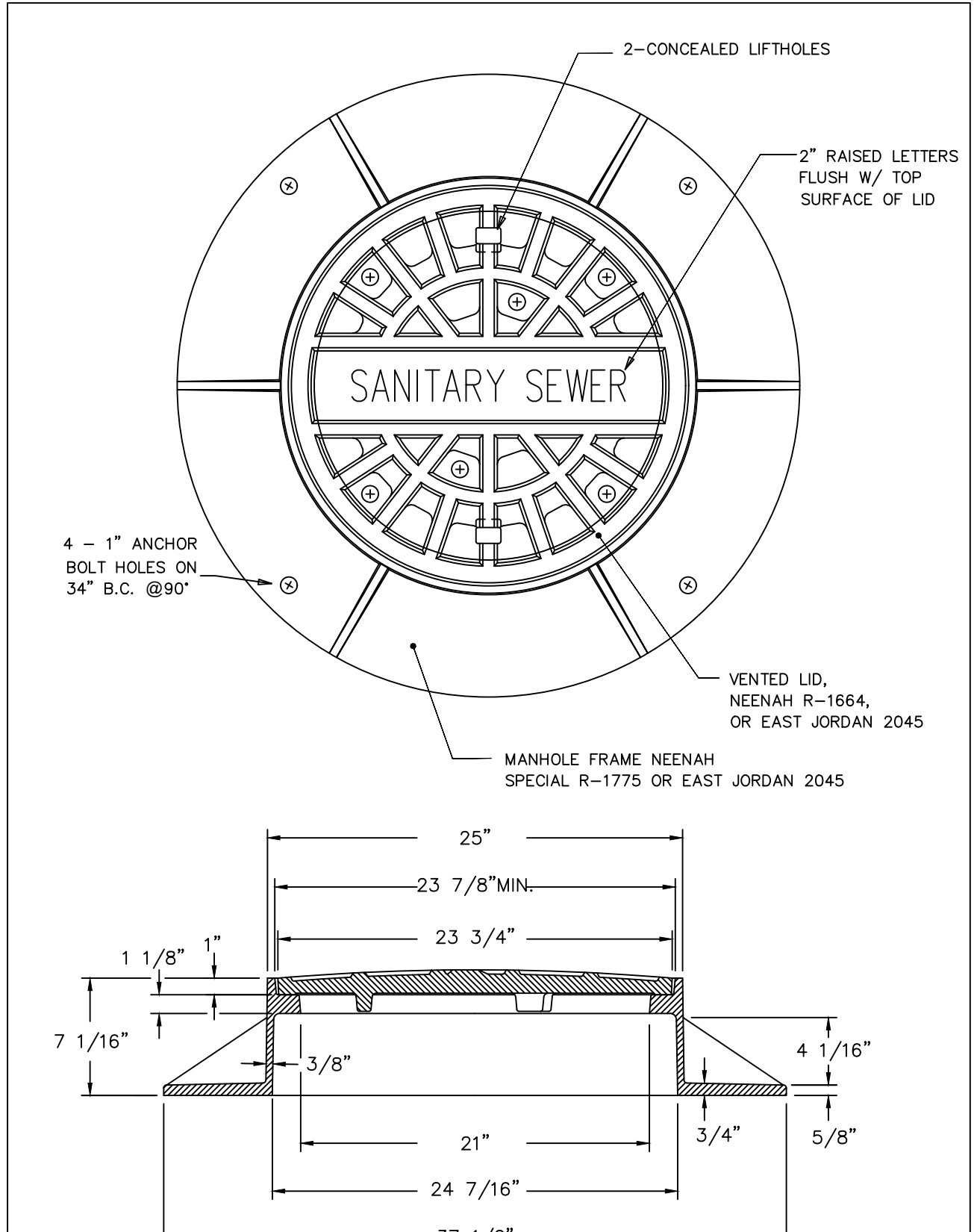
SHEET NUMBER
50



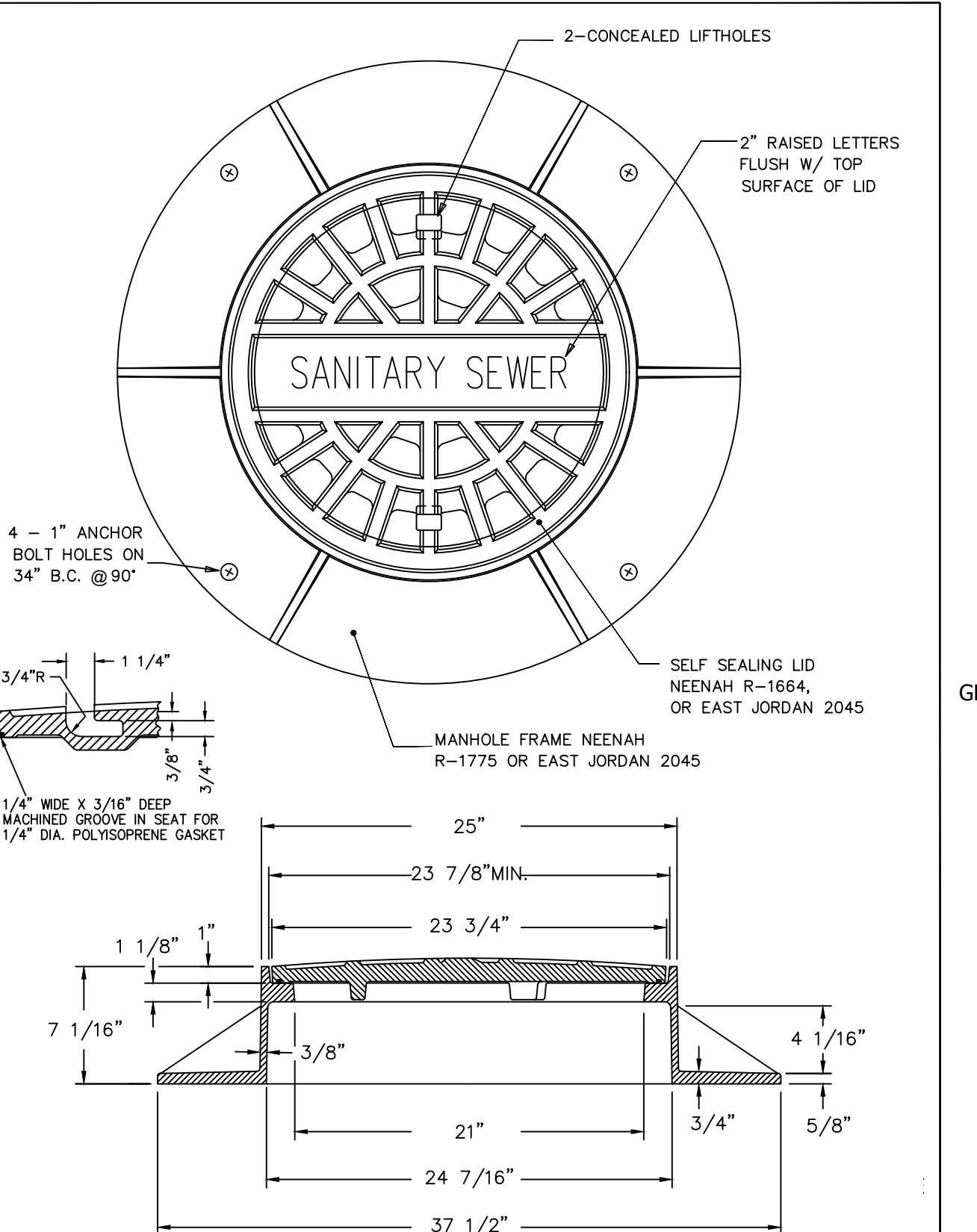
- NOTE:**
- CONTRACTOR TO LOCATE EXISTING LATERAL.
 - ANY REQUIRED GRINDER PUMP LOCATION ADJUSTMENTS MUST BE APPROVED BY THE PROPERTY OWNER AND THE ENGINEER.
 - USE 45° FITTINGS - NO 90° FITTINGS.
 - INSTALL TWO-WAY CLEANOUT NEAR GRINDER BASIN LOCATION. INSTALL A CLEANOUT FOR EVERY TWO 45° FITTINGS INSTALLED.



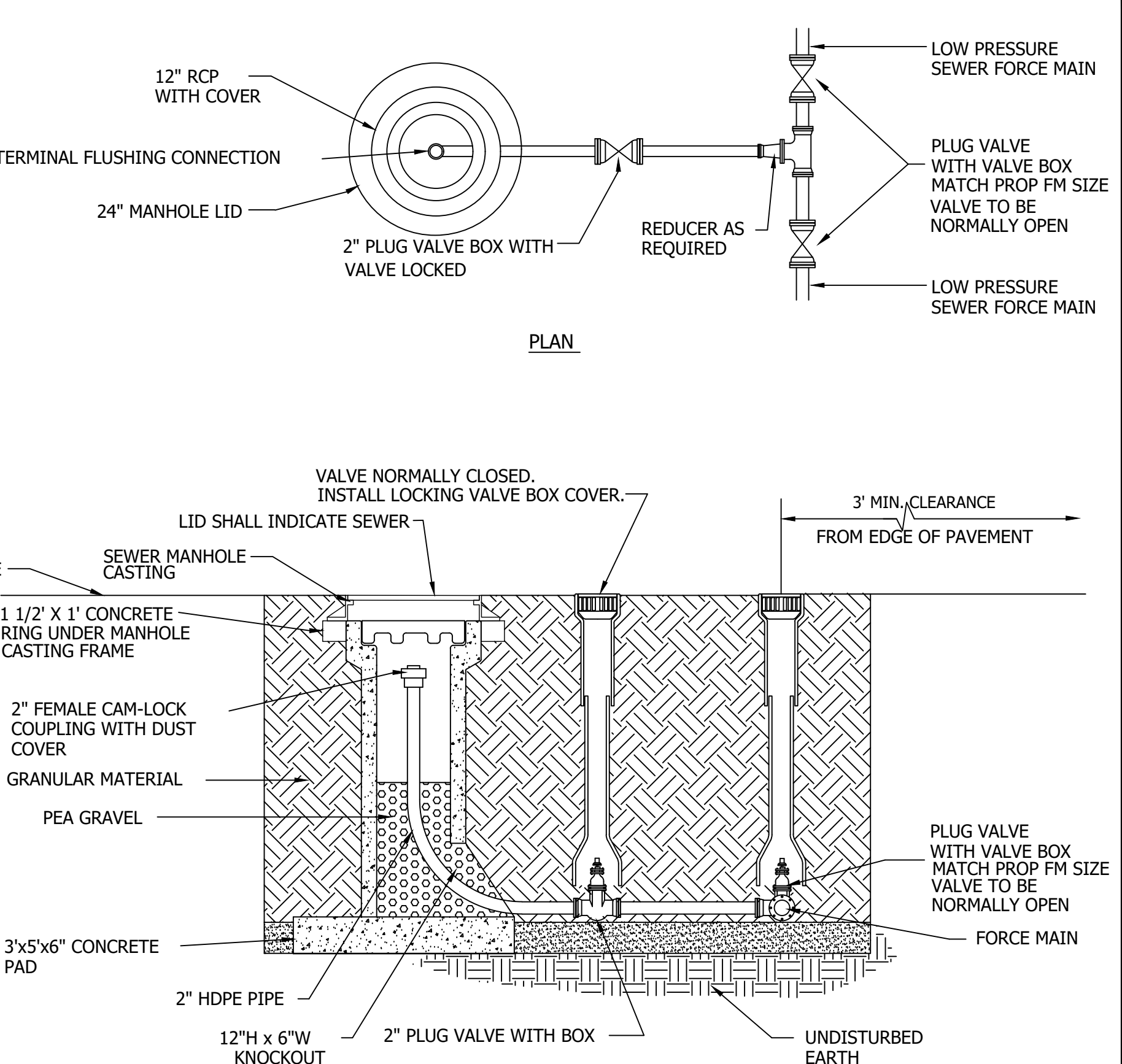
CLERMONT COUNTY WATER RESOURCES DEPARTMENT
STANDARD MANHOLE FOR SEWERS 8" TO 18"
DRAWING NO. S1.1
APPROVED _____ DATE _____



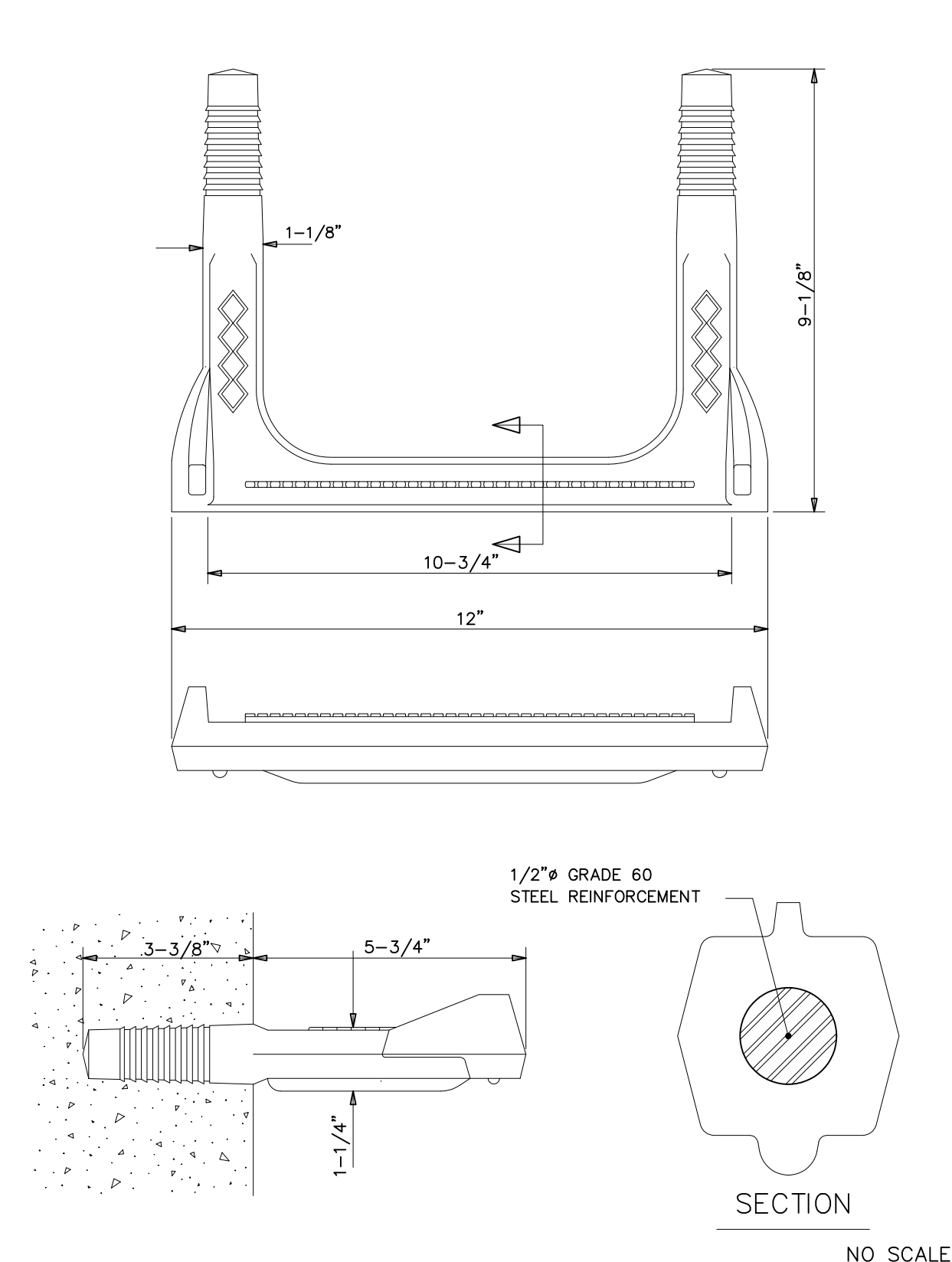
CLERMONT COUNTY WATER RESOURCES DEPARTMENT
MANHOLE FRAME WITH VENTED LID
DRAWING NO. S1.6
APPROVED _____ DATE _____



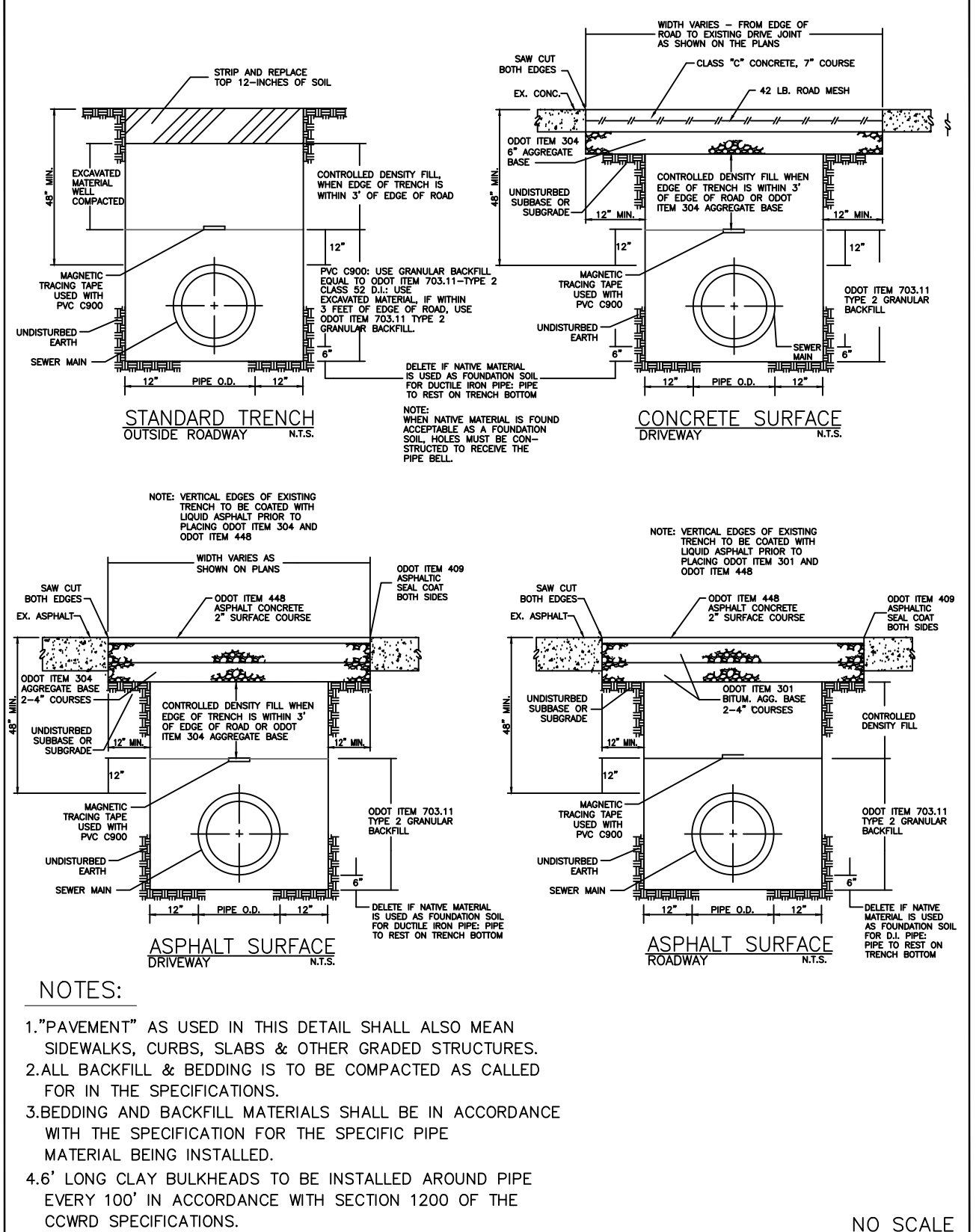
CLERMONT COUNTY WATER RESOURCES DEPARTMENT
MANHOLE FRAME WITH SELF SEALING LID
DRAWING NO. S1.7
APPROVED _____ DATE _____



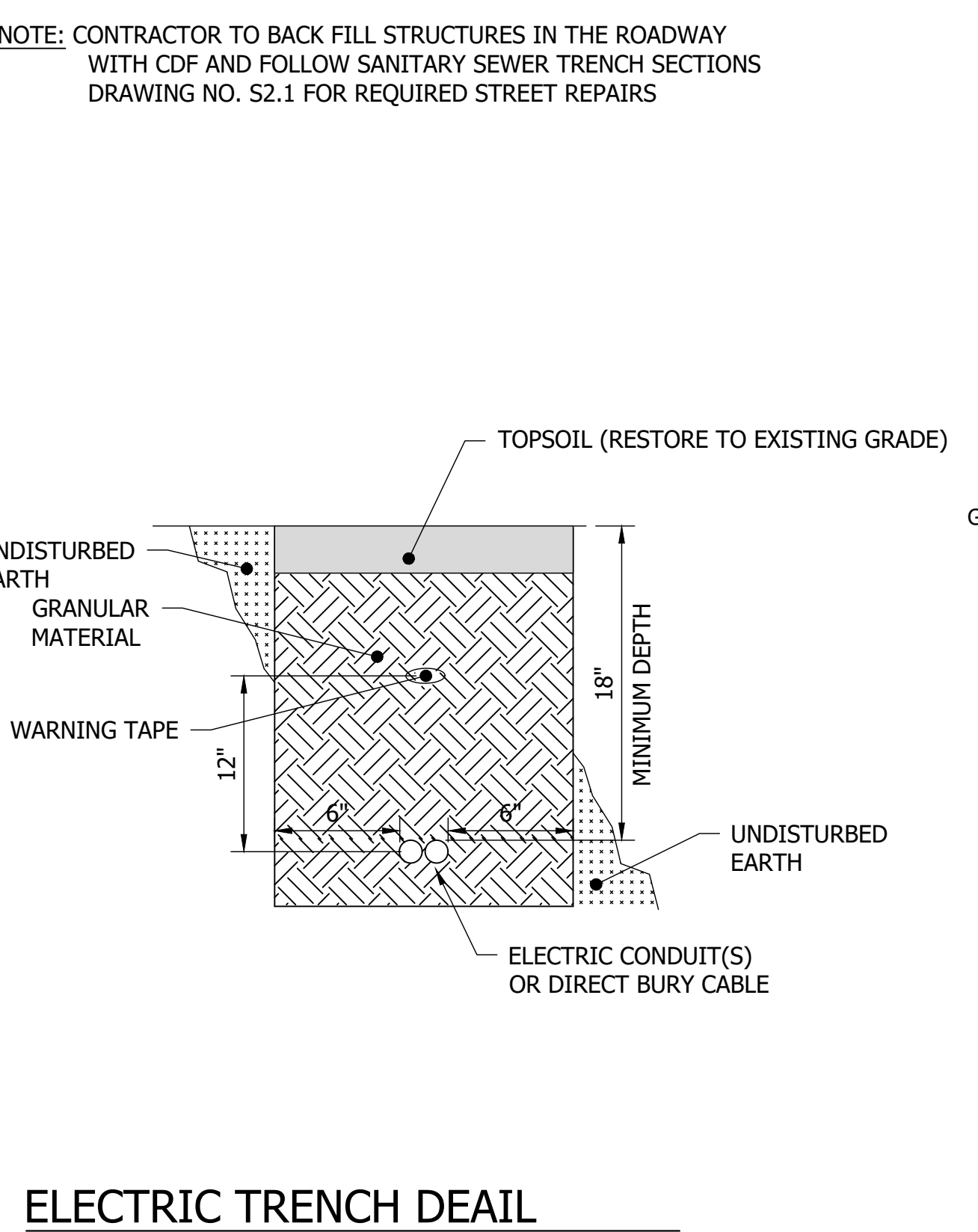
INLINE FLUSHING CONNECTION
SCALE: N.T.S.



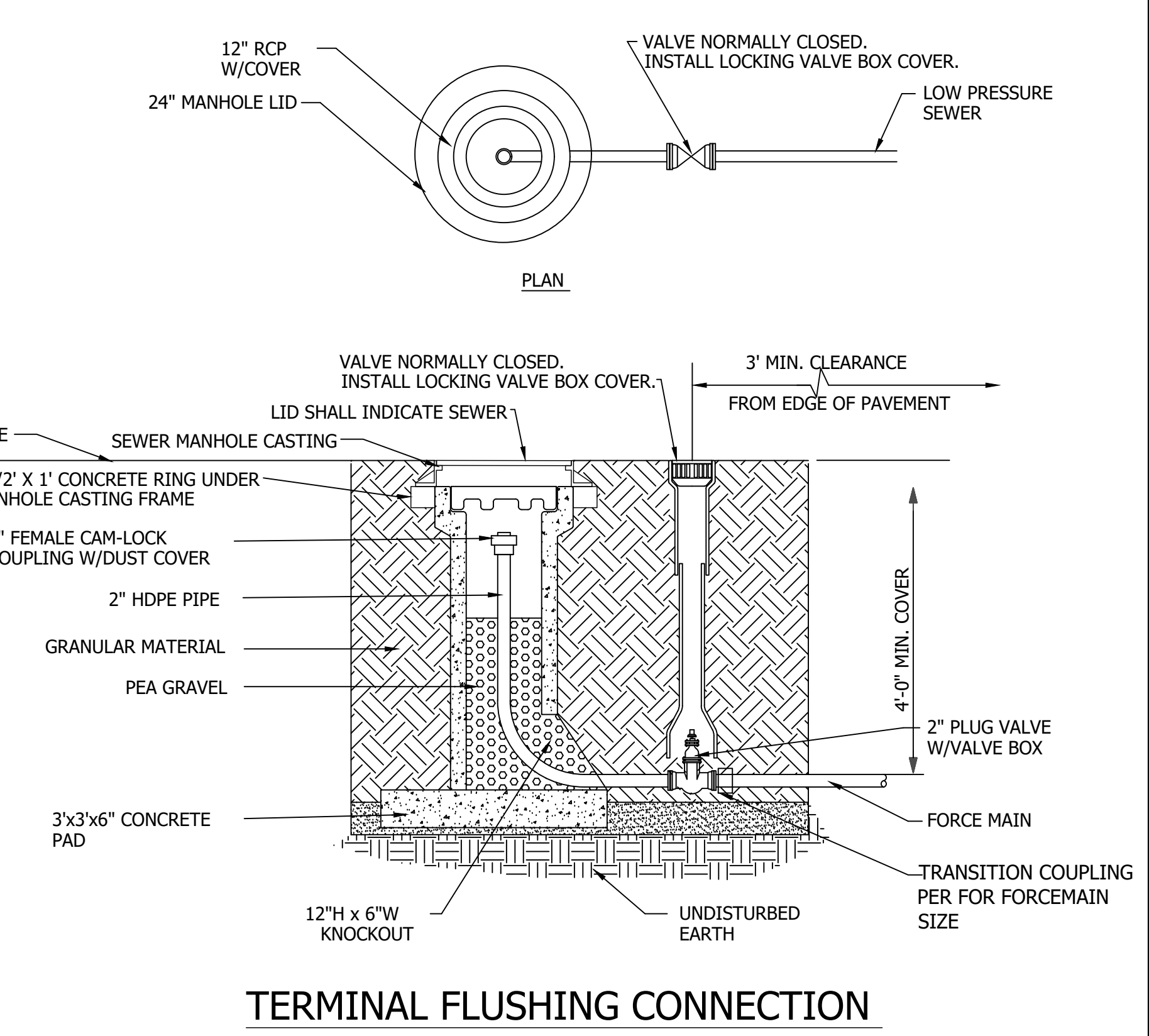
CLERMONT COUNTY WATER RESOURCES DEPARTMENT
MANHOLE STEP-COPOLYMER
DRAWING NO. S1.9
APPROVED _____ DATE _____



CLERMONT COUNTY WATER RESOURCES DEPARTMENT
SANITARY SEWER TRENCH SECTIONS
DRAWING NO. S2.1
APPROVED _____ DATE _____



ELECTRIC TRENCH DETAIL
N.T.S.



TERMINAL FLUSHING CONNECTION
NOTE: CONSTRUCTION DETAILING THE SAME FOR ALL TYPES OF FLUSHING CONNECTIONS. ALL LIDS SHALL INDICATE "SEWER".

ENVIRONMENTAL ENGINEERING SERVICE
3575 Columbia Road
Lebanon, Ohio 45036
513-934-1512

Revisions

Date	Drawn By

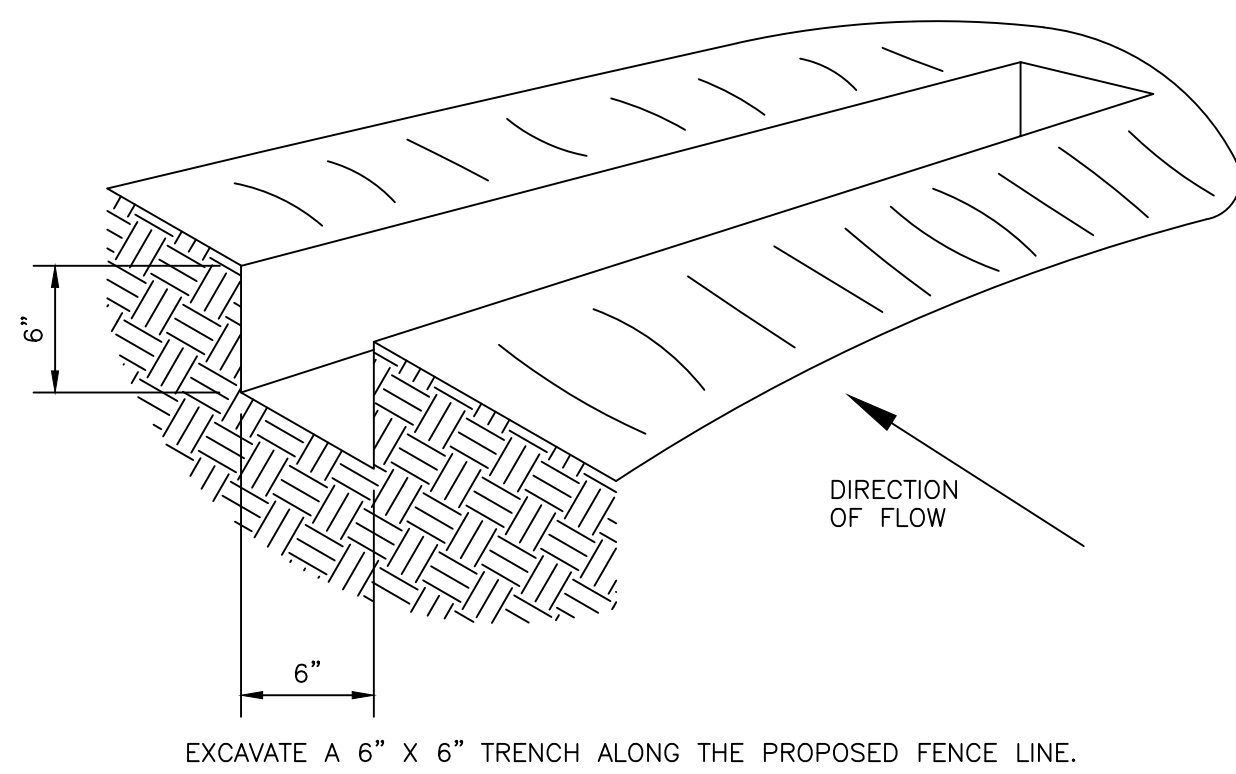
Date: 11/20/23
Checked by: ZM
Approved by: JMM
Date: 03/22/24
Date: 03/25/24

LEGENDARY TRAILS SAN. SEWER COLL. SYSTEM PROJECT No. 6402-60228
CLERMONT COUNTY OHIO

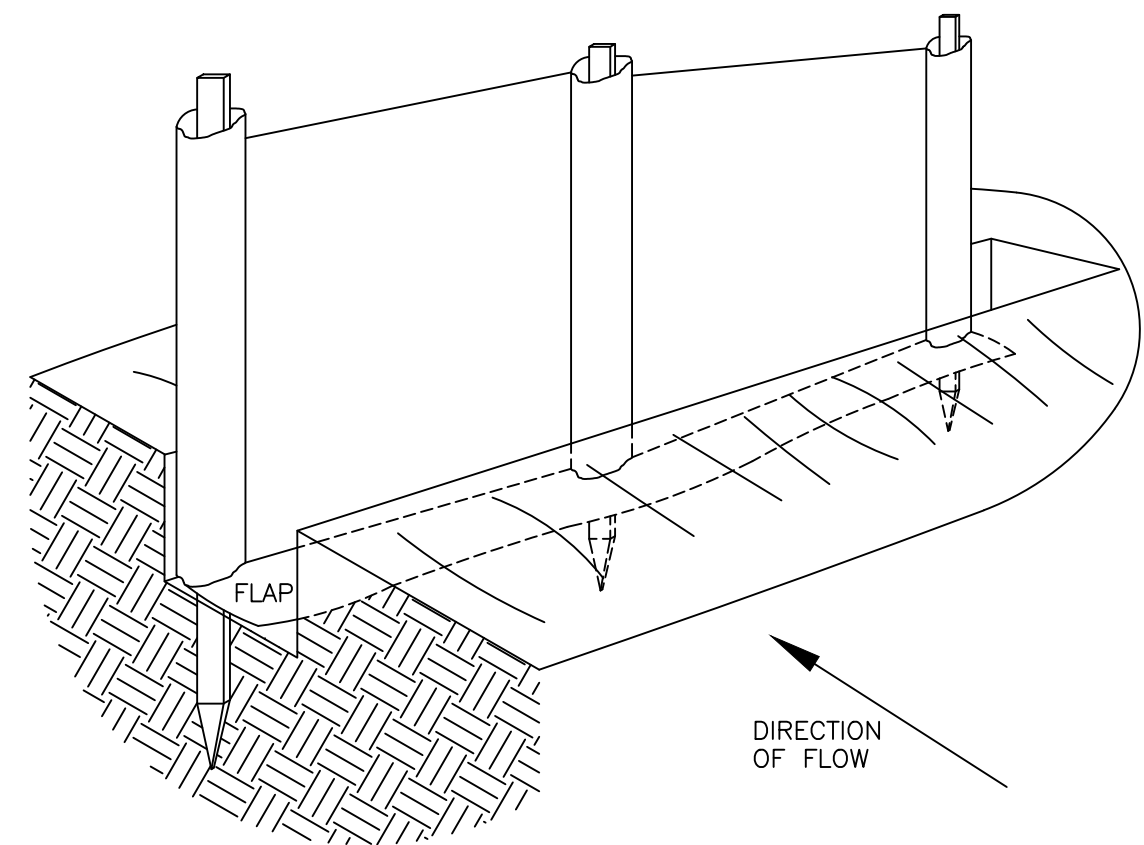
Scale NONE

GENERAL DETAILS 4

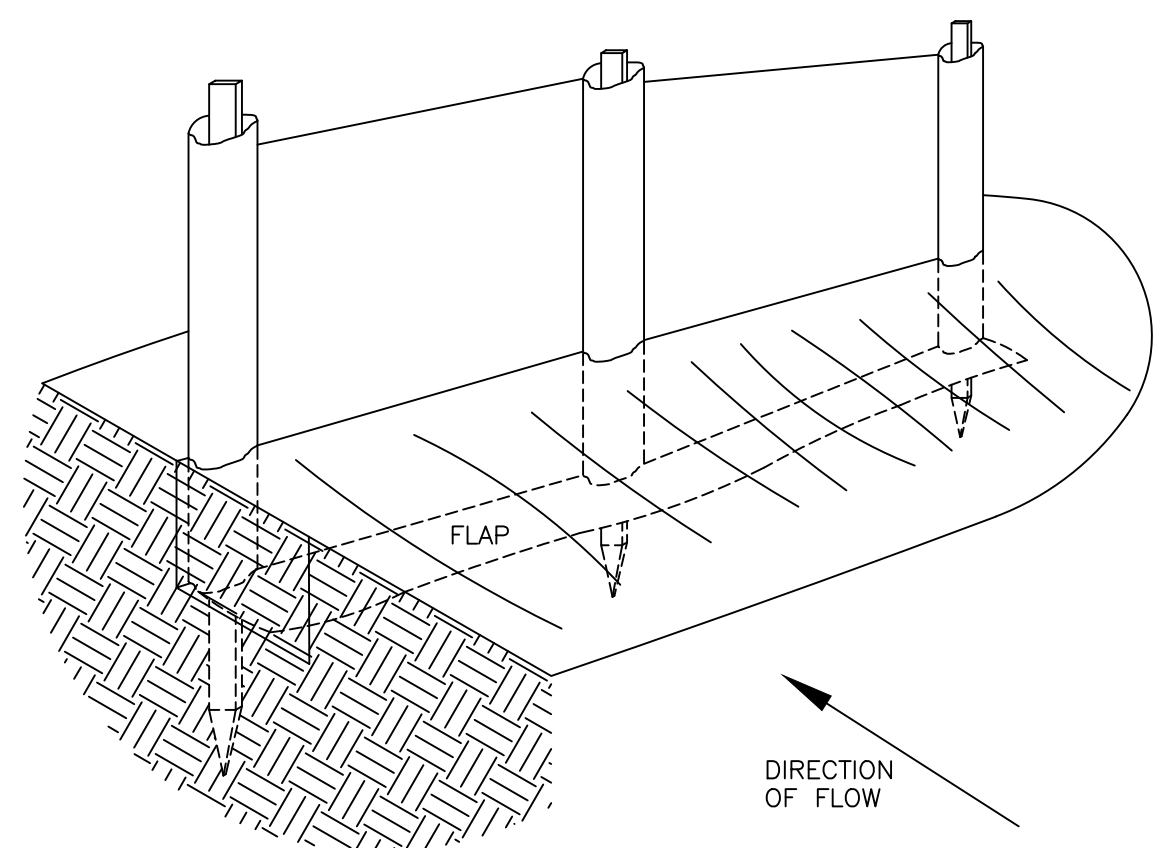
SHEET NUMBER 51



STEP #1

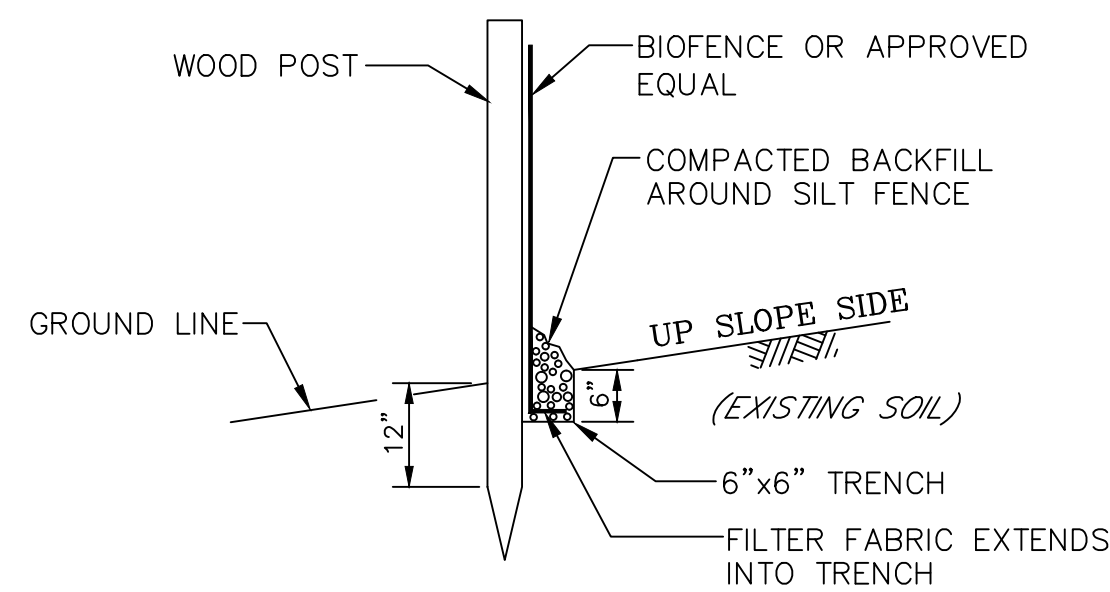


STEP #2



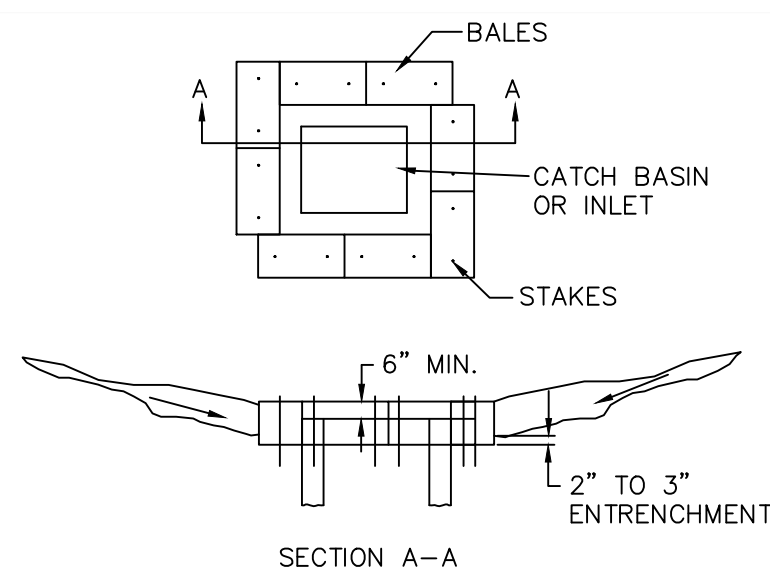
STEP #3

CONSTRUCTION OF A FILTER BARRIER

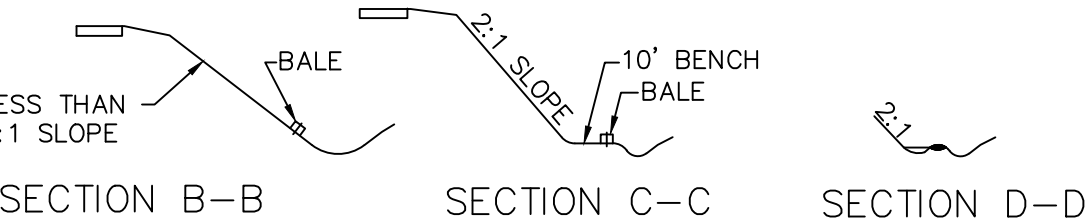
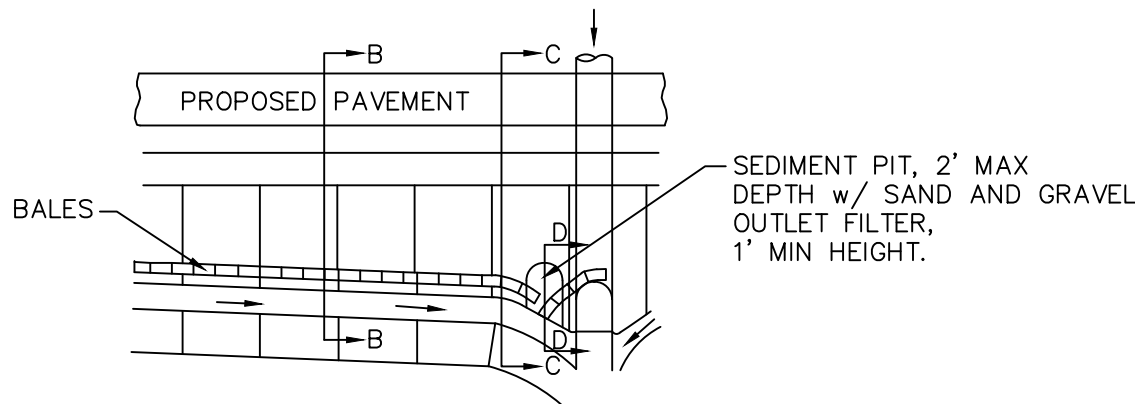
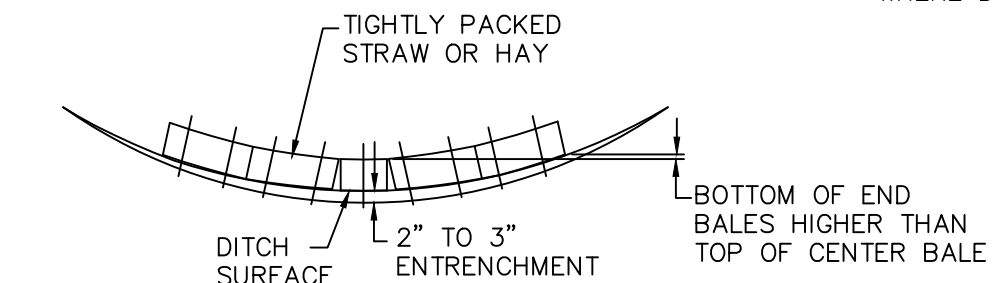
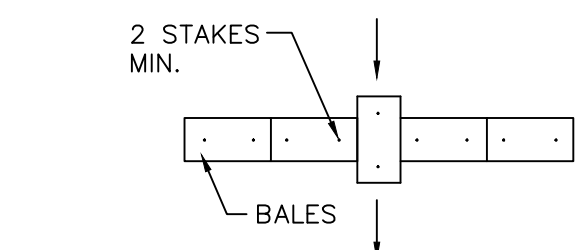


SILT FENCE END VIEW

BioFence
ENVIRONMENTAL RESEARCH CORPS
1-800-7WETLAND (800-793-8526)



SECTION A-A



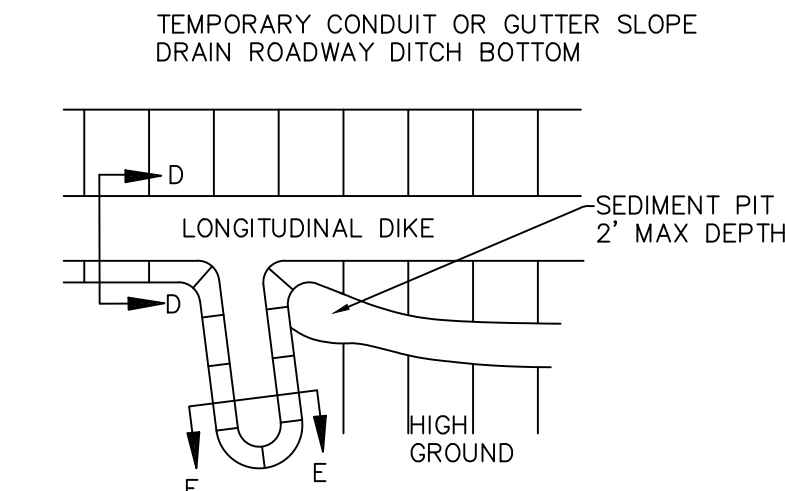
BALE PLACEMENT:

BALES SHALL BE TIGHTLY PLACED, ADJACENTLY, AND ENTRENCHED 2" TO 3" BEFORE STAKING; OR A SMALL AMOUNT OF LOOSE SOIL SHALL BE LIGHTLY COMPACTED ALONG THE UPSTREAM EDGE OF THE BALES.

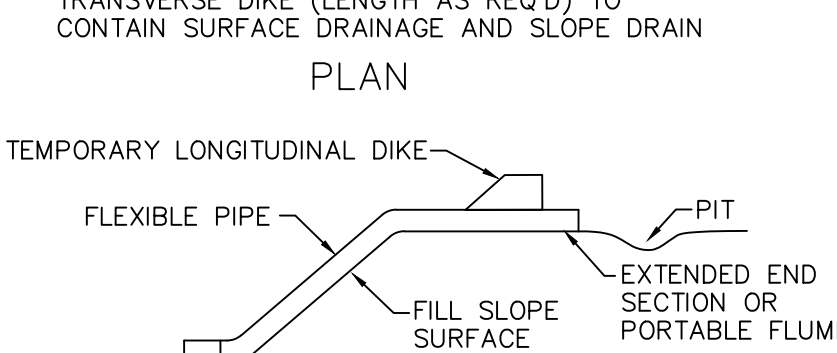
EACH BALE SHALL BE FIRMLY STAKED WITH A MINIMUM OF 2 STAKES AT LEAST 3" IN LENGTH. STAKES SHALL BE WOODEN 2"x2", REINFORCING BARS OR FENCE POSTS, AS APPROVED BY THE ENGINEER.

LOOSE STRAW OR HAY SHALL BE SCATTERED FOR A DISTANCE OF 10' ON THE UPSTREAM SIDE OF EACH DITCH CHECK AND SHALL BE WEDGED BETWEEN AND UNDER STAKED BALES.

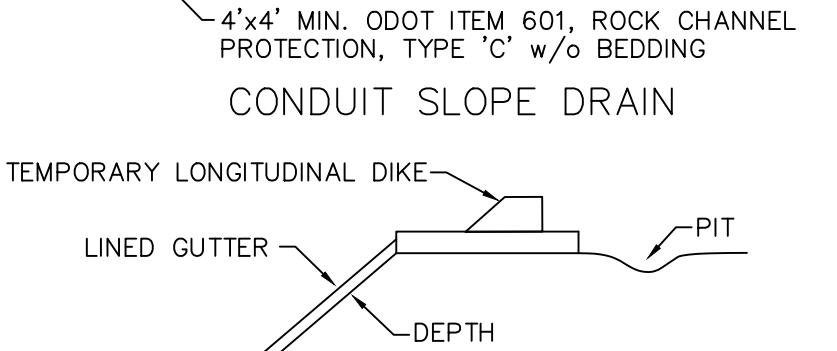
SEDIMENT PIT: SHALL BE PROVIDED WHERE DIRECTED BY THE ENGINEER.



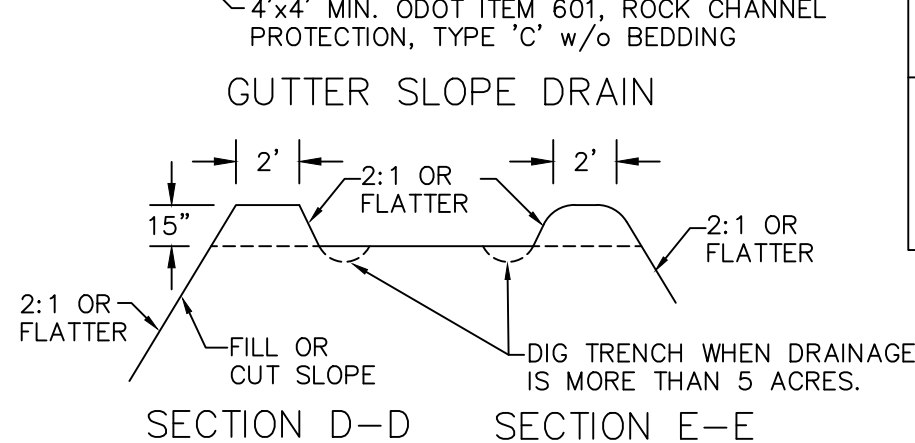
PLAN



CONDUIT SLOPE DRAIN



GUTTER SLOPE DRAIN



TYPICAL SOIL EROSION CONTROL DETAILS

DIKES AND DRAINS SHOWN SHALL BE USED WHEN EARTHWORK OPERATIONS ON SLOPES HIGHER THAN 3' ARE SUSPENDED FOR THREE WEEKS OR MORE AND/OR AS DIRECTED BY ENGINEER. SMALLER DIKES USED AT THE END OF DAY'S OPERATION SHALL BE CONSIDERED AS PART OF EARTHWORK. TEMPORARY SLOPE DRAINS SHALL BE SUITABLY POSITIONED AND ANCHORED TO PREVENT MOVEMENT OR UNDERMINING AS DIRECTED BY THE ENGINEER.

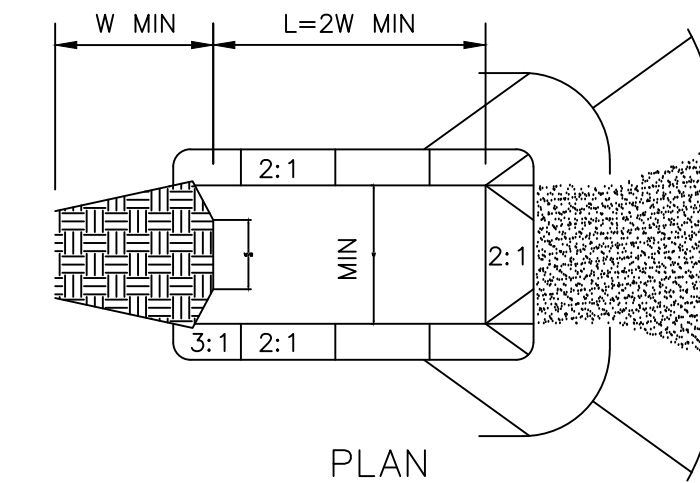
LONGITUDINAL DIKES SHALL BE CONSTRUCTED OF SUITABLE MATERIAL AND COMPACTED TO 85% MAXIMUM DENSITY.

CONDUITS FOR SLOPE DRAINS SHALL BE CORRUGATED STEEL PIPE, CORRUGATED OR SMOOTH PLASTIC PIPE, RUBBER CONDUIT OR AN APPROVED EQUAL.

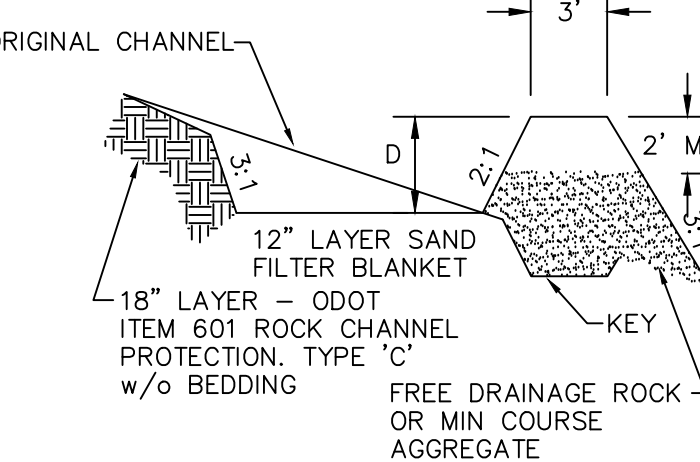
GUTTERS FOR SLOPE DRAINS SHALL BE LINED WITH TYPE 'C' ROCK CHANNEL PROTECTION, CRUSHED AGGREGATE SLOPE PROTECTION, PORTLAND CEMENT CONCRETE, BITUMINOUS CONCRETE, PLASTIC SHEETING (ON SLOPES 4:1 MAX.), PARTIAL PIPE SECTION OR APPROVED EQUAL.

SEDIMENT PITS SHALL BE PROVIDED WHERE DIRECTED BY THE ENGINEER.

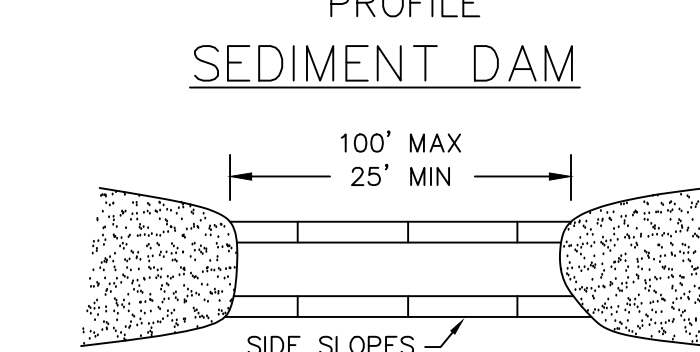
AREA IN ACRES	PIPE SIZES		OUTER DEPTHS
	SMOOTH GATED	CORRU-HALF-ROUND	
0-4	6"	6" 18"	8"
4-8	8"	12" 18"	8"
8-12	10"	15" 21"	12"



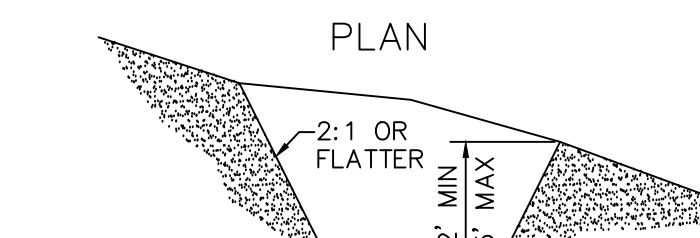
PLAN



PROFILE



PLAN



PROFILE

SEDIMENT BASIN

EMBANKMENT FOR SEDIMENT BASIN CONSTRUCTION SHALL BE COMPACTED AS DIRECTED BY THE ENGINEER.

MAINTENANCE: SEDIMENT PITS, DAMS AND BASINS SHALL BE ACCEPTABLY MAINTAINED. DEPOSITED SEDIMENT SHALL BE REMOVED WHEN THE INITIAL VOLUME HAS BEEN REDUCED ONE-HALF. THE SAND FILTER BLANKET ON SEDIMENT BASINS SHALL BE REPLACED WHEN DEPOSITED SEDIMENT IS REMOVED.

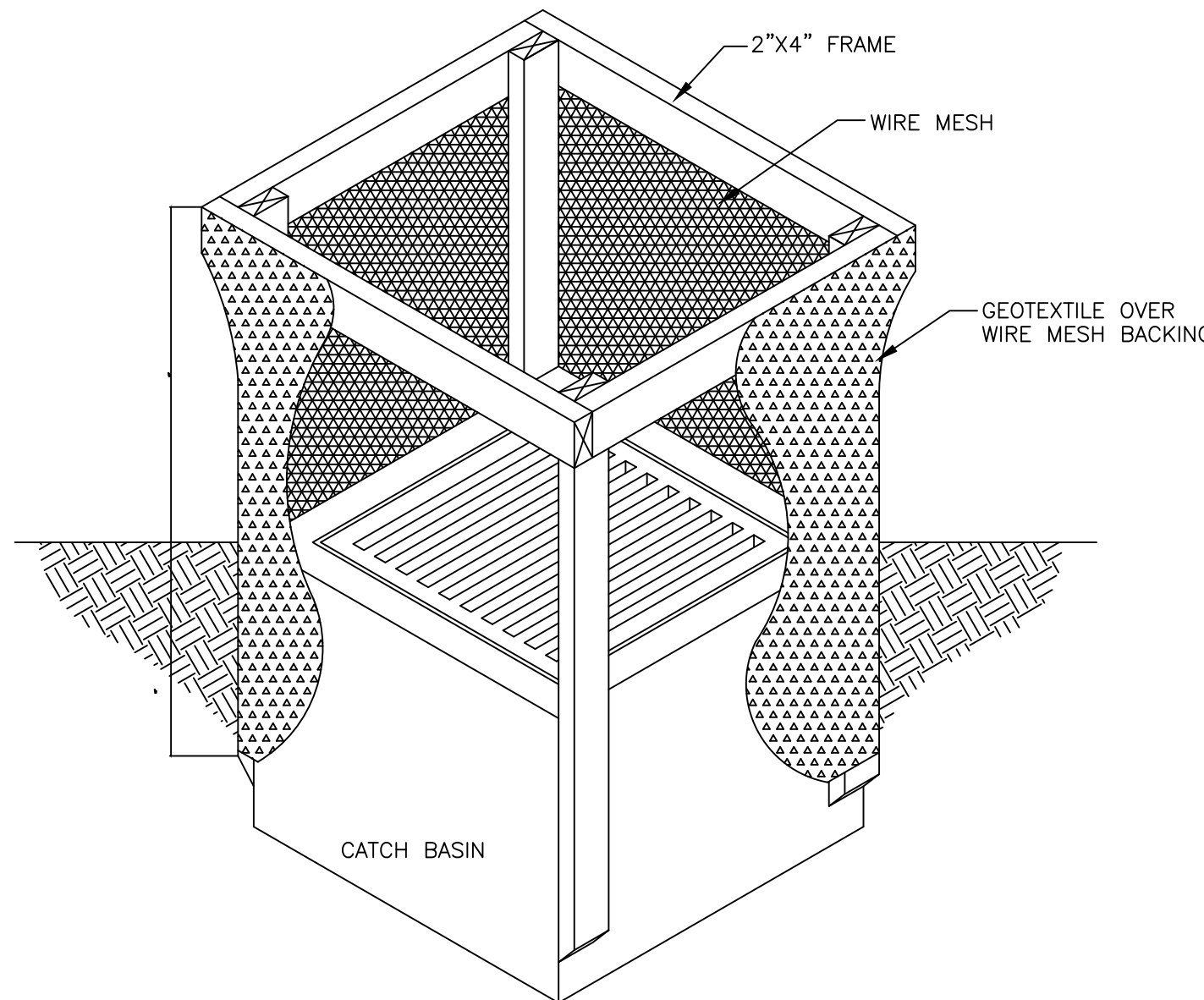
FILTERS: PLASTIC FILTER FABRIC AS APPROVED BY THE ENGINEER, MAY BE SUBSTITUTED FOR THE SAND FILTER BLANKET ON SEDIMENT DAMS. SUCH FABRICS MAY BE CLEANED IN LIEU OF REPLACEMENT WHEN APPROVED BY THE ENGINEER.

SIZE: A SERIES OF SMALLER BASINS OR DAMS MAY BE SUBSTITUTED FOR A LARGER BASIN OR DAM WHEN APPROVED BY THE ENGINEER.

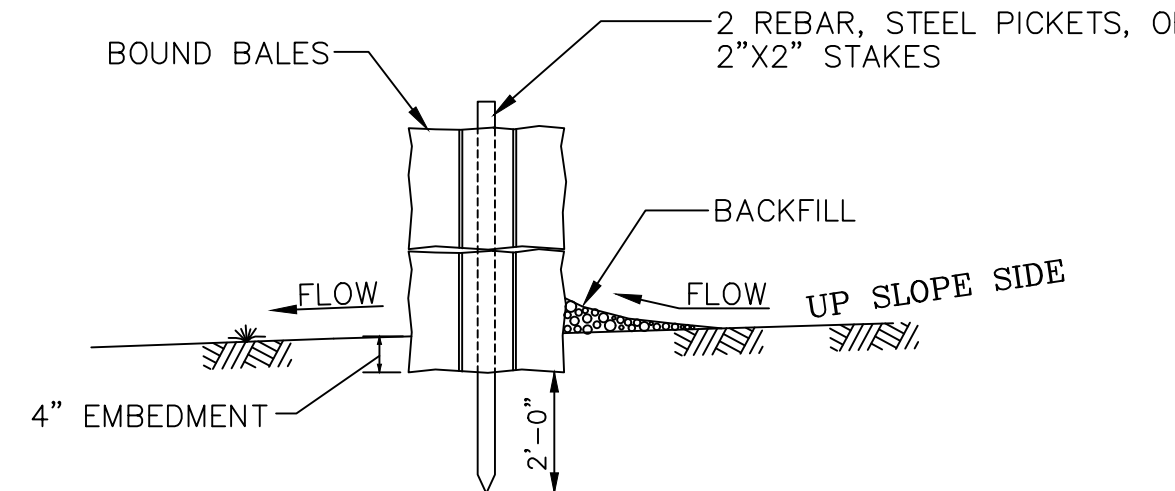
REFERENCES:

1. ODOT, CONSTRUCTION AND MATERIAL SPECIFICATIONS, LATEST EDITION.
2. CONSTRUCTION PROJECT ENGINEERS GUIDELINES TO SUCCESSFUL EROSION CONTROL
3. RAINWATER AND LAND DEVELOPMENT, ODNR; LATEST EDITION.

THE EROSION CONTROL DETAILS ON THIS SHEET ARE BASED ON THE: OHIO DEPARTMENT OF TRANSPORTATION: "HANDBOOK FOR SEDIMENTATION AND EROSION CONTROL" REFER TO THIS STATE PUBLICATION FOR FURTHER INFORMATION AND CLARIFICATION.



INLET PROTECTION IN SWALES, DITCH LINES OR YARD INLETS



STRAW BALE DETAIL
EROSION CONTROL - SILT BARRIER

- NOTES:
- 1) THE NOTES AND DETAILS SPECIFIED HEREIN ARE INTENDED TO CONFORM TO THE CLERMONT COUNTY WATER MANAGEMENT REGULATION AND MAINTAINED AS SUCH. CONTRACTOR SHALL ALSO CONSTRUCT AND MAINTAIN ALL EROSION AND CONTROL DEVICES IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS. IN THE EVENT OF CONFLICTING INSTRUCTIONS FOR EROSION AND SEDIMENT CONTROL, THE CLERMONT COUNTY WATER MANAGEMENT AND SEDIMENT CONTROL REGULATIONS SHALL GOVERN.
 - 2) THE CONTRACTOR SHALL DEVELOP A STORM WATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE CLERMONT COUNTY WATER MANAGEMENT AND SEDIMENT CONTROL REGULATIONS.

Revisions	Date	Drawn By

Date	Checked by	Approved by	Coord. File Name
12/20/23	KFR	JMM	xx-SOIL EROSION
03/25/24	ZM	JMM	
03/22/24	JMM	JMM	

LEGENDARY TRAILS
SAN. SEWER COLL. SYSTEM
PROJECT NO.6402-60228
CLERMONT COUNTY
OHIO

Scale
NONE

EROSION CONTROL

SHEET NUMBER

52