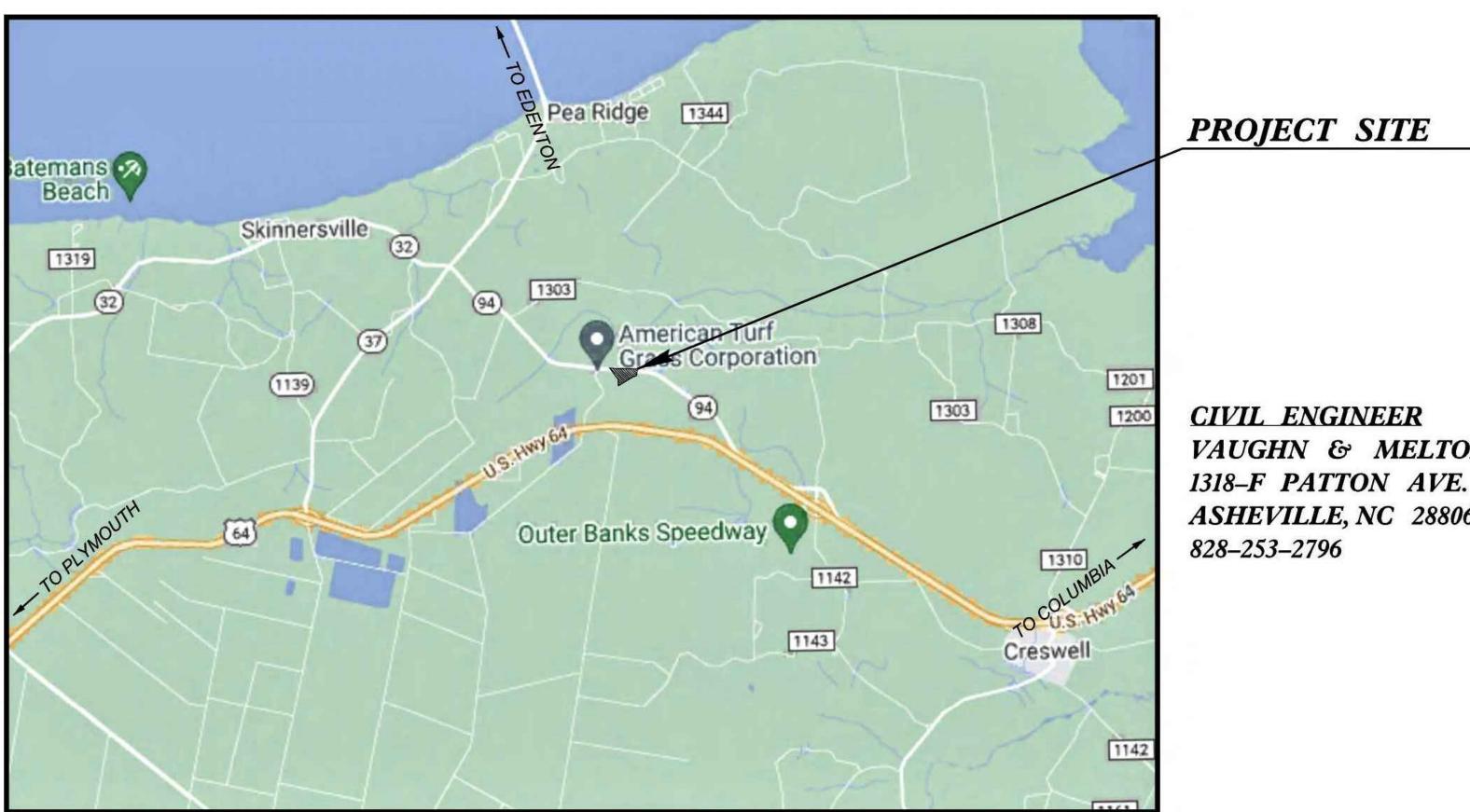
STATE OF NORTH CAROLINA **DEPARTMENT OF TRANSPORTATION** WASHINGTON COUNTY **CRESWELL MAINTENANCE YARD**



INDEX OF SHEETS

GENERAL

COVER SHEET CS1.0

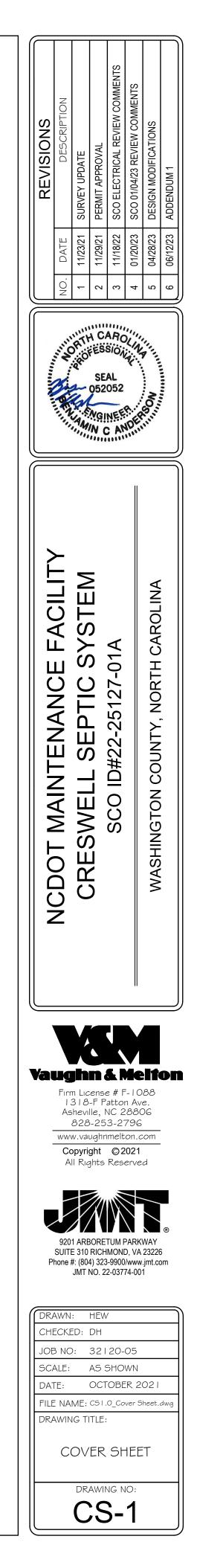
CIVIL

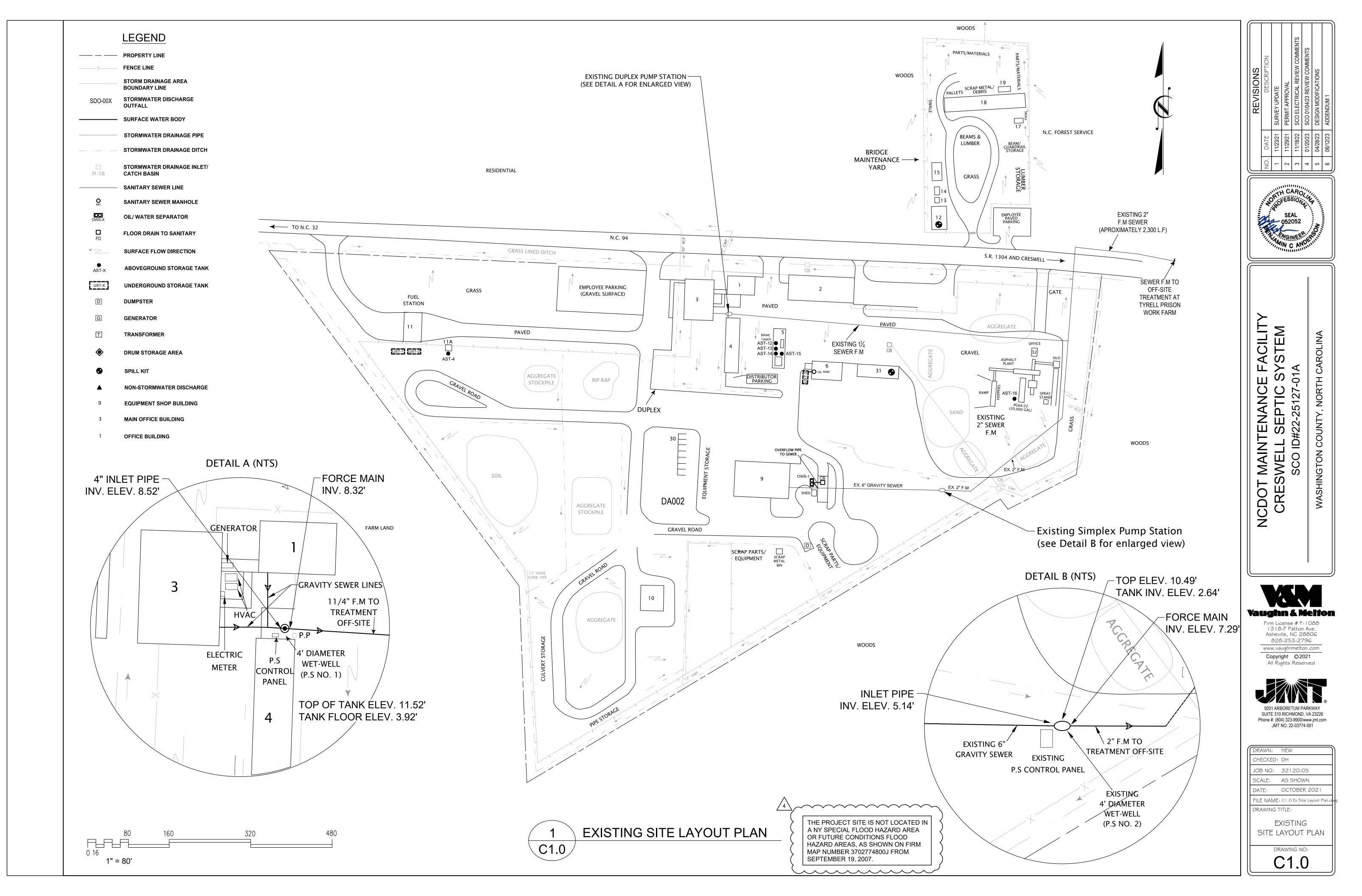
61.0	- EXISTING-SITE LAYOUT PLAN
\wedge $(C2 0)$	CONTOURS
$\frac{1}{5}$ C3.0	PROPOSED SITE LAYOUT PLAN
C4.0	PROPOSED SEPTIC AND PUMP TANK LAYOUT PLAN
C5.0	PROPOSED SEPTIC AND PUMP TANK DETAILS
C6.0	PROPOSED DRAINFIELD PLAN VIEW
C6.1	PROPOSED DRAINFIELD SECTION & DETAILS
C7.0	PROPOSED FORCE MAIN NO.1 AND NO.2 PROFILES
C8.0	CONSTRUCTION DETAILS
ELECTR	ICAL
E1.0	ELECTRICAL SITE LAYOUT PLAN
E2.0	ELECTRICAL DETAILS

ON SITE SEPTIC SYSTEM REPAIRS CONSTRUCTION DOCUMENTS

> THE PROJECT CONSISTS OF REPAIRS TO THE EXISTING ON-SITE WASTE WATER SYSTEM SERVING THE WASHINGTON COUNTY DOT MAINTENANCE YARD. A NEW SEPTIC TANK, PUMP TANK, FORCE MAINS AND A NEW LOW PRESSURE PIPE DRAINFIELD SYSTEM ARE PROPOSED TO REPLACE THE EXISTING ON SITE DISPOSAL SYSTEM.

VAUGHN & MELTON ASHEVILLE, NC 28806





LEGEND

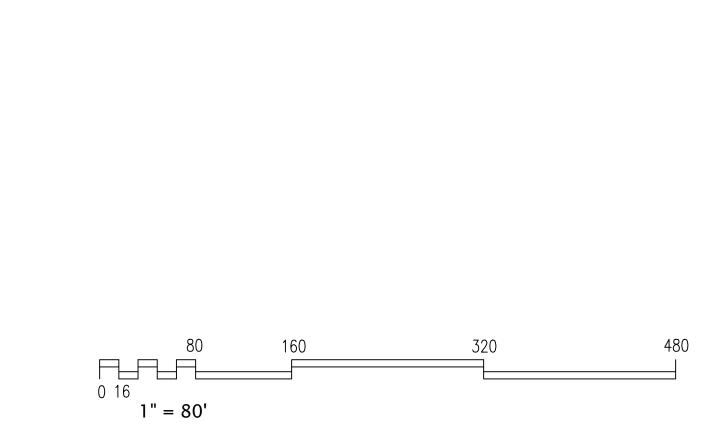
PROPERTY LINE		
FENCE LINE		
STORM DRAINAGE AREA BOUNDARY LINE STORMWATER DISCHARGE	ſ	
SURFACE WATER BODY		
STORMWATER DRAINAGE PIPE		
STORMWATER DRAINAGE DITCH	5	
STORMWATER DRAINAGE INLET/ CATCH BASIN		
SANITARY SEWER LINE		
SANITARY SEWER MANHOLE		
OIL/ WATER SEPARATOR		
FLOOR DRAIN TO SANITARY	\langle	
SURFACE FLOW DIRECTION	(
ABOVEGROUND STORAGE TANK		
UNDERGROUND STORAGE TANK		
DUMPSTER		
GENERATOR		
TRANSFORMER		
DRUM STORAGE AREA		
SPILL KIT		
NON-STORMWATER DISCHARGE		
EQUIPMENT SHOP BUILDING		
MAIN OFFICE BUILDING		
	FENCE LINESTORM DRAINAGE AREA BOUNDARY LINE STORMWATER DISCHARGE OUTFALLSURFACE WATER BODYSURFACE WATER DRAINAGE PIPESTORMWATER DRAINAGE DITCHSTORMWATER DRAINAGE INLET/ CATCH BASINSANITARY SEWER LINESANITARY SEWER LINEOIL/ WATER SEPARATORFLOOR DRAIN TO SANITARYSURFACE FLOW DIRECTIONABOVEGROUND STORAGE TANKUNDERGROUND STORAGE TANKOLUMPSTERGENERATORJUNDSTERSPILL KITNON-STORMWATER DISCHARGEEQUIPMENT SHOP BUILDING	

¹ OFFICE BUILDING

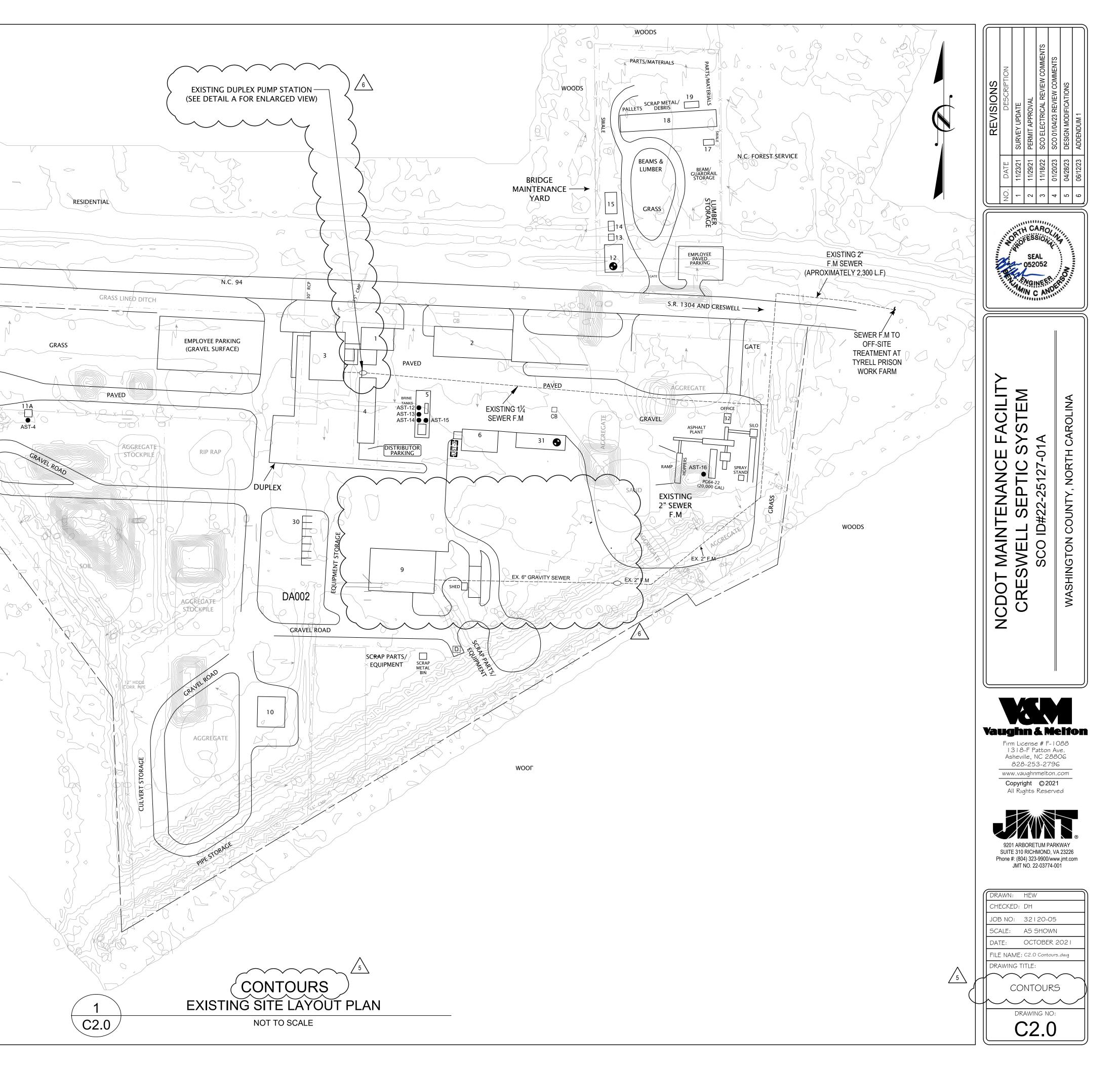
TONIC.32 TONIC.32 FUEL STATION 11 UET 3 US 2

NOTE:

THIS SITE PLAN IS A COMPILATION OF DRAWINGS OBTAINED FROM THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION COUNTY AND OTHER AVAILABLE MAPPINGS SOURCES.



22\2203774_001_Creswell_Septic_Syst\CADD\CIVIL\C2.0 Contours.dwg 6/13/2023 3:10 PM

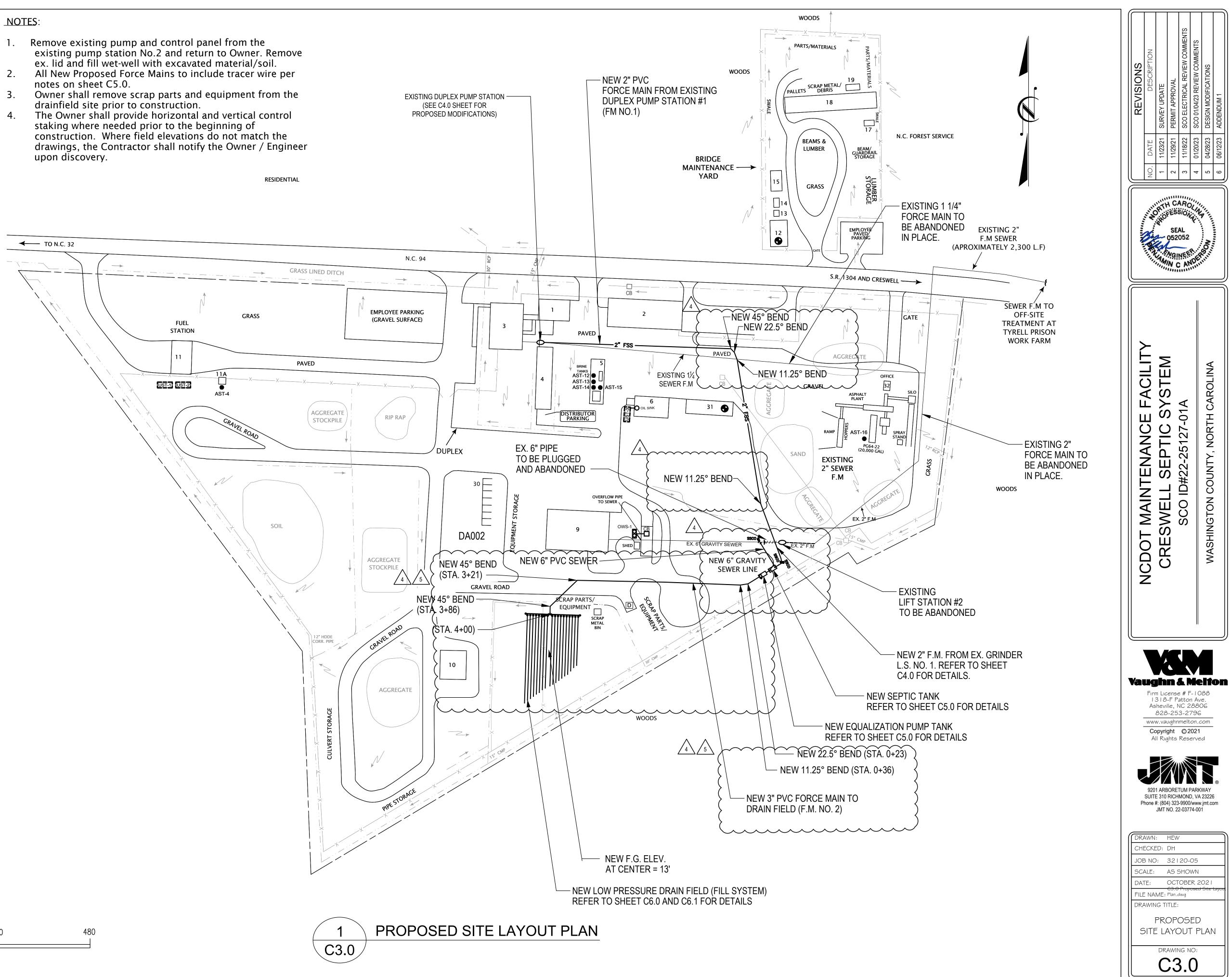


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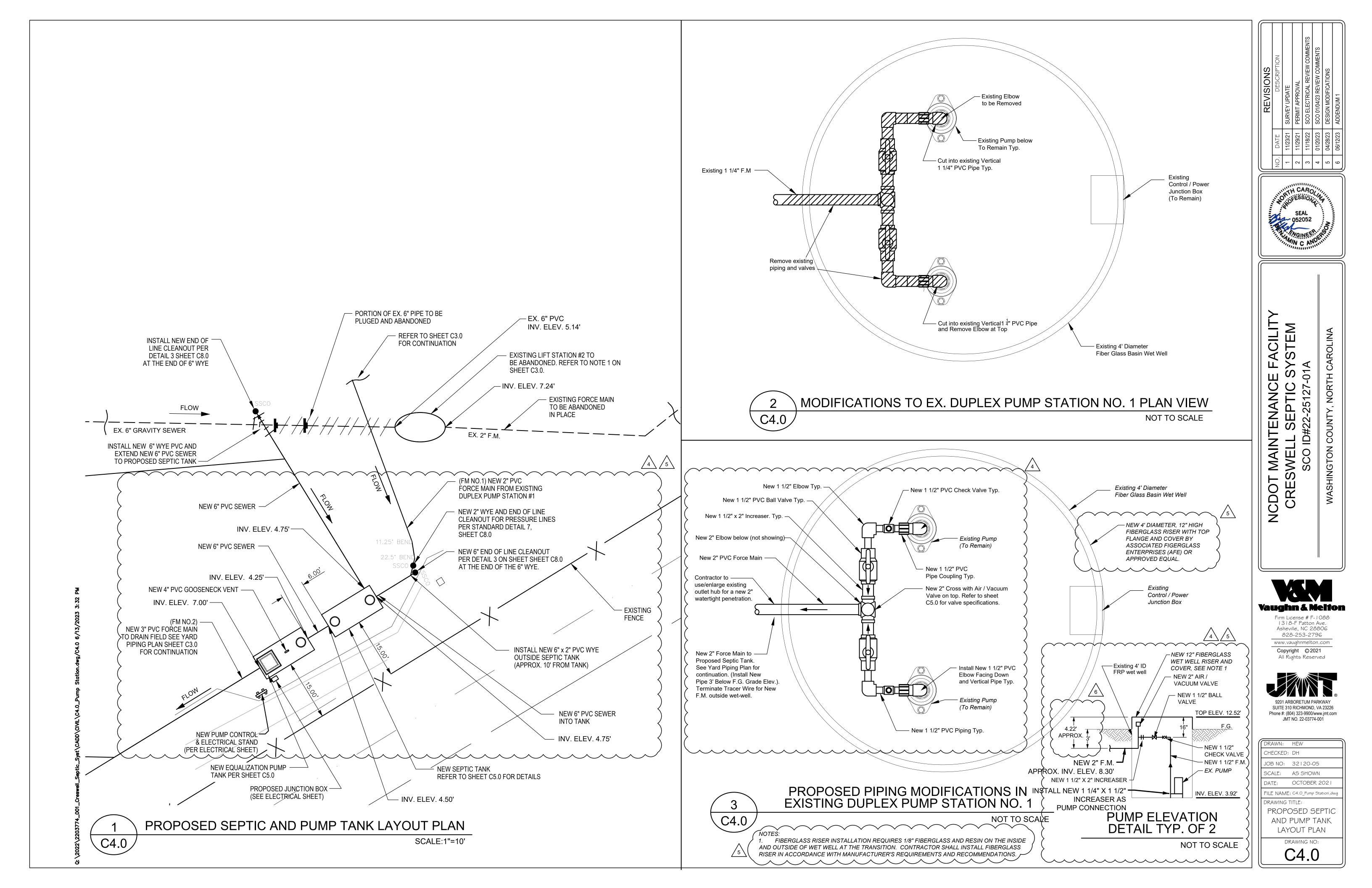
	PROPERTY LINE
X	FENCE LINE
	STORM DRAINAGE AREA BOUNDARY LINE
SDO-00X	STORMWATER DISCHARGE OUTFALL
	SURFACE WATER BODY
	STORMWATER DRAINAGE PIPE
· · · ·	STORMWATER DRAINAGE DITCH
DI / CB	STORMWATER DRAINAGE INLET/ CATCH BASIN
	SANITARY SEWER LINE
Омн	SANITARY SEWER MANHOLE
OWS-X	OIL/ WATER SEPARATOR
D FD	FLOOR DRAIN TO SANITARY
*~	SURFACE FLOW DIRECTION
● AST-X	ABOVEGROUND STORAGE TANK
UST-X	UNDERGROUND STORAGE TANK
D	DUMPSTER
G	GENERATOR
T	TRANSFORMER
۲	DRUM STORAGE AREA
•	SPILL KIT
	NON-STORMWATER DISCHARGE
9	EQUIPMENT SHOP BUILDING
3	MAIN OFFICE BUILDING

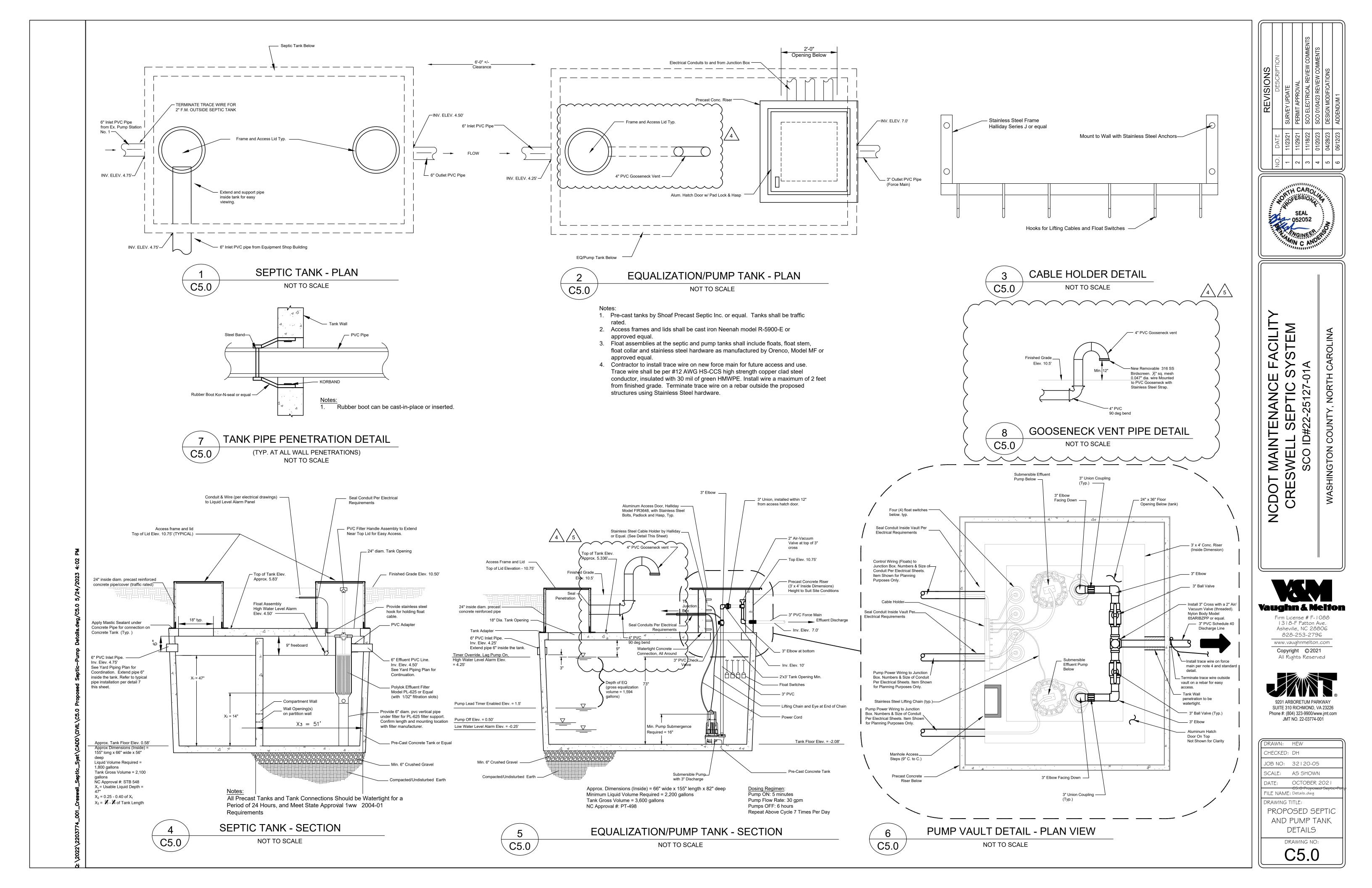
OFFICE BUILDING 1

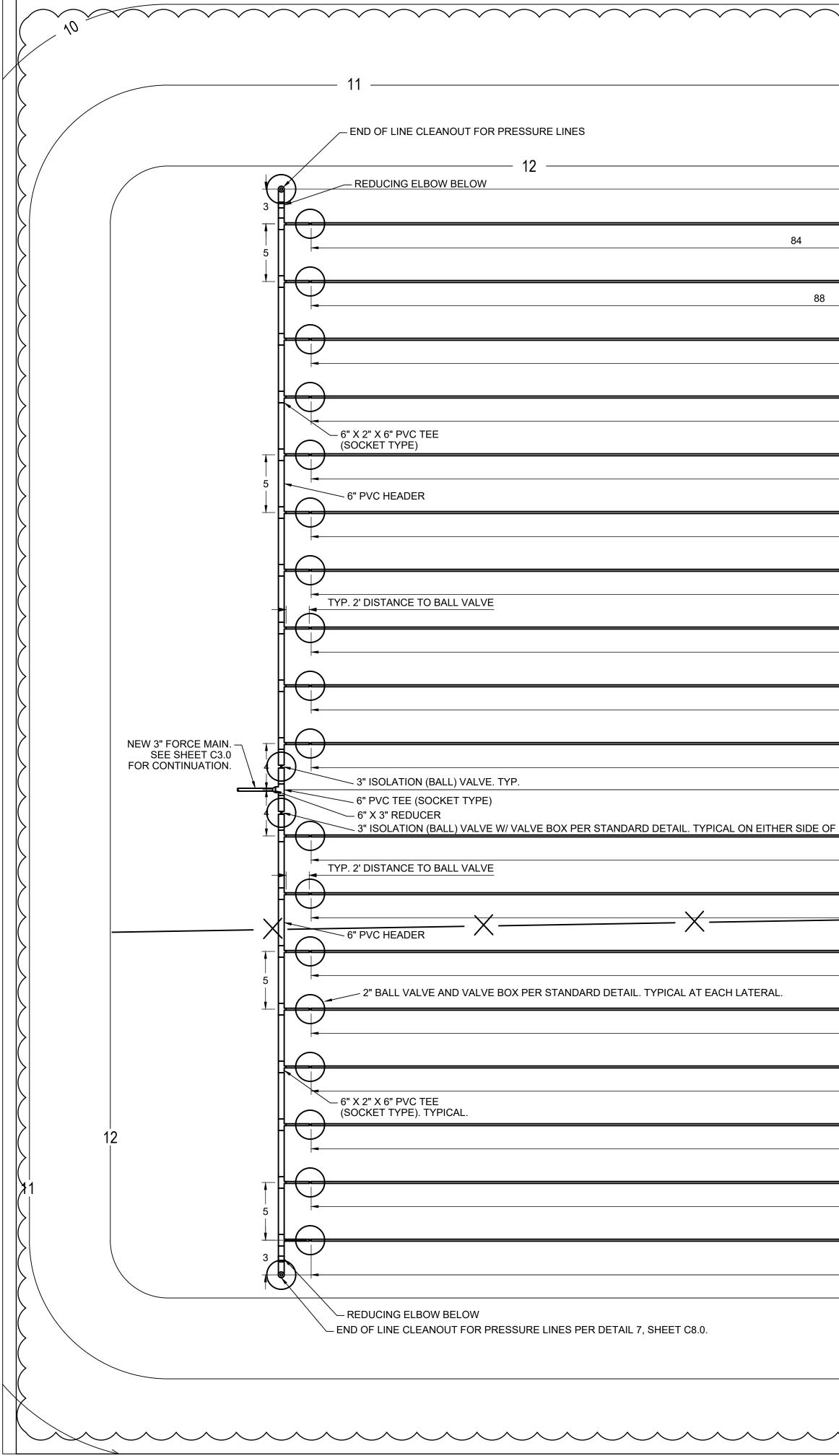
- notes on sheet C5.0.
- drainfield site prior to construction.
- upon discovery.





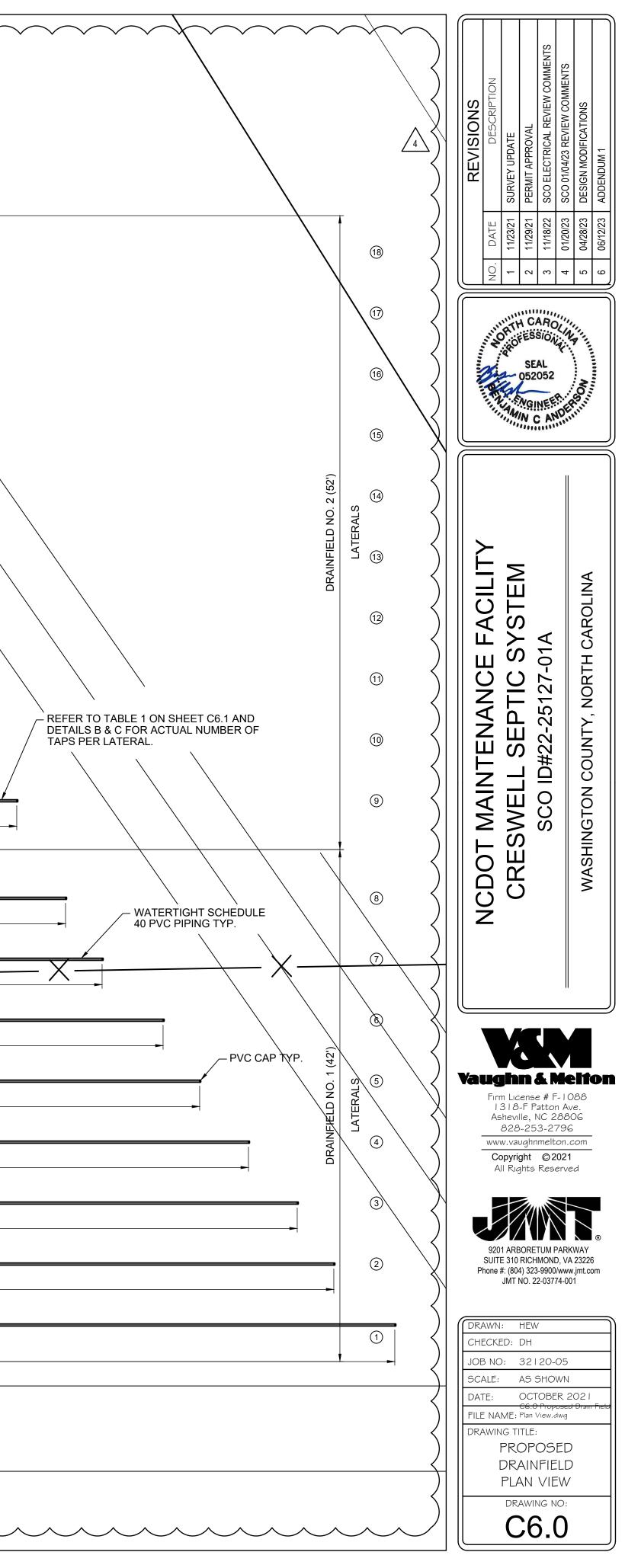


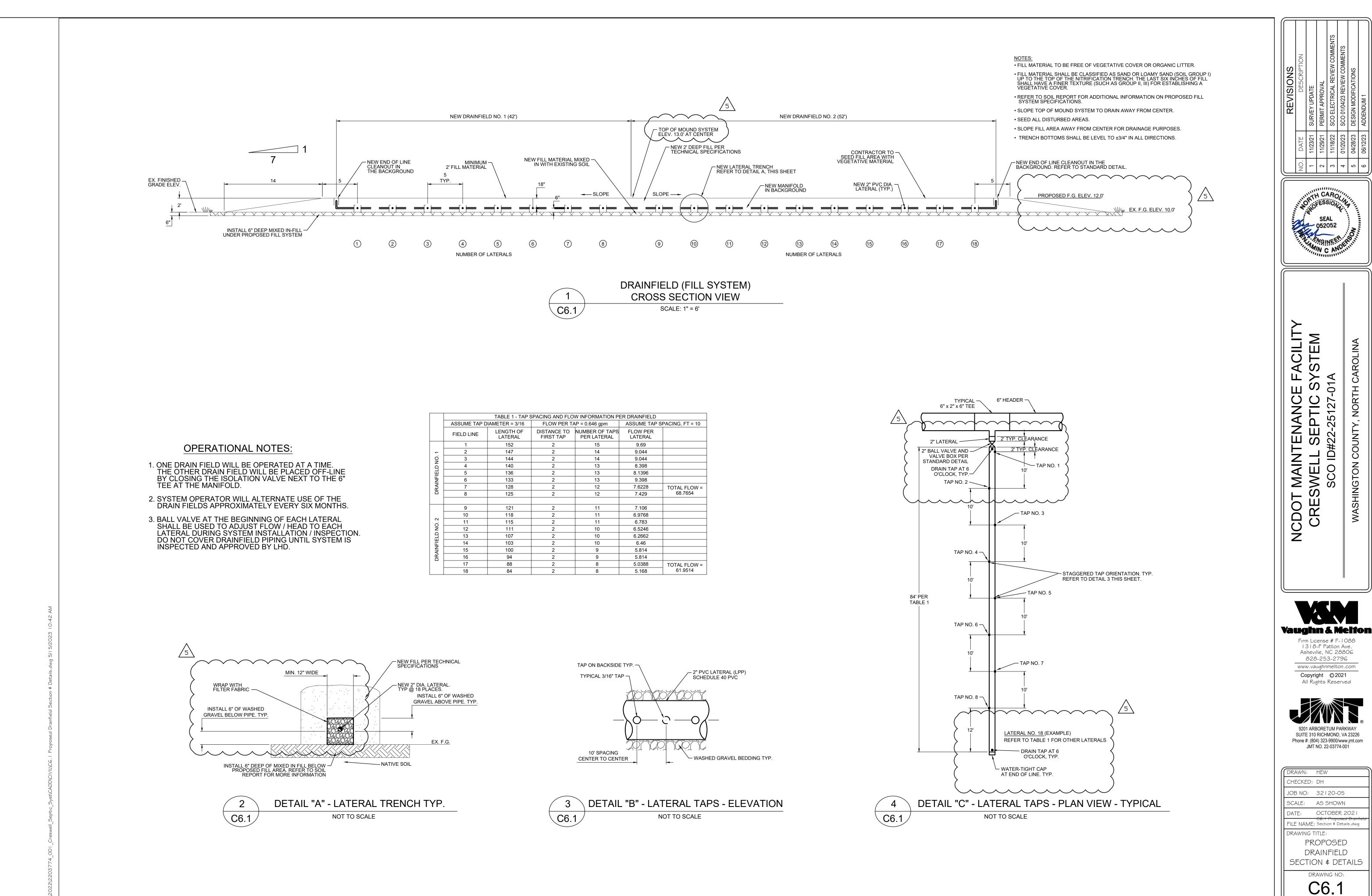




0:\2022\2203774_001_Creswell_Septic_Syst\CADD\CIVIL\C6.0 Proposed Drain Field Plan View.dwg 5/1 2/2023

	$\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!\sim\!\!$
	40 PVC PIPING TYP.
	– PVC WATER-TIGHT CAR TYP.
94	
100	
103	
107	
111	
115	
118	
	/
121	,
121	/
CENTER ELEVATION AT TOP OF FILL	_ = 13.0'
*	_ = 13.0'
CENTER ELEVATION AT TOP OF FILL	_ = 13.0'
CENTER ELEVATION AT TOP OF FILL	_ = 13.0'
CENTER ELEVATION AT TOP OF FILL	_ = 13.0'
INCOMING 6" TEE.	
CENTER ELEVATION AT TOP OF FILL	
INCOMING 6" TEE.	
INCOMING 6" TEE. CENTER ELEVATION AT TOP OF FILL 125 128 X	
INCOMING 6" TEE.	
INCOMING 6" TEE. CENTER ELEVATION AT TOP OF FILL 125 128 X	
INCOMING 6" TEE. 125 128 128 133	
INCOMING 6" TEE. CENTER ELEVATION AT TOP OF FILL 125 128 X	
INCOMING 6" TEE. 125 128 128 133	X
INCOMING 6" TEE. 125 128 128 133	X
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INCOMING 6" TEE. 125 125 128 128 X 133 136 140 144 141 144	
INCOMING 6" TEE. 125 125 128 128 X 133 136 140 144 141 144	DRAINFIELD (FILL SYSTEM - LOW PRESSURE NETWORK) - PLAN VIEW
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ABLE 1 - TAP S	SPACING AND FLO	W INFORMATION PI	ER DRAINFIELD	
ETER = 3/16	FLOW PER TAP = 0.646 gpm		ASSUME TAP S	PACING, FT = 10
ENGTH OF LATERAL	DISTANCE TO FIRST TAP	NUMBER OF TAPS PER LATERAL	FLOW PER LATERAL	
152	2	15	9.69	
147	2	14	9.044	
144	2	14	9.044	
140	2	13	8.398	
136	2	13	8.1396	
133	2	13	9.398	
128	2	12	7.6228	TOTAL FLOW = 68.7654
125	2	12	7.429	
121	2	11	7.106	
118	2	11	6.9768	
115	2	11	6.783	
111	2	10	6.5246	
107	2	10	6.2662	
103	2	10	6.46	
100	2	9	5.814	
94	2	9	5.814	
88	2	8	5.0388	TOTAL FLOW =
8/	2	8	5 168	

