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INNISFREE VILLAGE
WASTEWATER MANAGEMENT
SYSTEM UPGRADES
ALBEMARLE COUNTY, VIRGINIA

STANDARD PROJECT LEGEND:

COMM COMMUNICATIONS LINE

ELEC OH OVERHEAD POWER

UE UNDERGROUND POWER

FO FIBER OPTIC LINE

GAS GAS LINE

GEOTHERMAL GEOTHERMAL LINE

SS SANITARY SEWER LINE

SS FM SANITARY SEWER FORCE MAIN

TELE OH OVERHEAD TELEPHONE

TELE UG UNDERGROUND TELEPHONE

W WATER LINE

STORM SEWER

WATER GATE VALVE

ARV AIR RELEASE VALVE

FIRE HYDRANT

PIPE PLUG OR CAP

CO SANITARY SEWER CLEANOUT

UTILITY POLE

POST

EXISTING CONTOURS

PROPOSED CONTOURS

FENCE/GUARDRAIL

SIGN

C-C CENTER TO CENTER

CL CENTER LINE

CO CLEAN OUT

CONC. CONCRETE

DWV DRAIN ,WASTE, VENT

ESMT EASEMENT

ELEV ELEVATION

EX EXISTING

FF FINISH FLOOR

FM FORCE MAIN

FNPT FEMALE NATIONAL PIPE THREAD

MNPT MALE NATIONAL PIPE THREAD

HDPPE HIGH-DENSITY POLYETHYLENE

INV INVERT

FT. US FEET

IN. US INCH

LF LINEAR FEET

NTS NOT TO SCALE

O-C ON CENTER

EX EXISTING

PROP. PROPOSED

PVC POLYVINYL CHLORIDE

PVMT PAVEMENT

R RADIUS

ROW RIGHT-OF-WAY

RSV RECIRCULATING SPLITTER VALVE

RPZ REDUCED PRESSURE ZONE (VALVE)

STEP SEPTIC TANK EFFLUENT PUMP

STEG SEPTIC TANK EFFLUENT GRAVITY

SOC SOCKET (PIPE CONNECTION TYPE)

SCH SCHEDULE

SS SANITARY SEWER

SPD SOIL PROFILE DESCRIPTION

Ksat SATURATED SOIL HYDRAULIC CONDUCTIVITY

TYP. TYPICAL

NOTE:

1. ANY SYMBOL NOT CALLED OUT IN LEGEND WILL BE LABELED ON PLAN.

2. NOT ALL SYMBOLS IN LEGEND APPLY TO THIS PLAN.

3. NUMBERS ON A UTILITY LINE INDICATES LINE SIZE.

ABBREVIATIONS:

C-C CENTER TO CENTER

CL CENTER LINE

CO CLEAN OUT

CONC. CONCRETE

DWV DRAIN ,WASTE, VENT

ESMT EASEMENT

ELEV ELEVATION

EX EXISTING

FF FINISH FLOOR

FM FORCE MAIN

FNPT FEMALE NATIONAL PIPE THREAD

MNPT MALE NATIONAL PIPE THREAD

HDPPE HIGH-DENSITY POLYETHYLENE

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SOC SOCKET (PIPE CONNECTION TYPE)

SCH SCHEDULE

SS SANITARY SEWER

SPD SOIL PROFILE DESCRIPTION

Ksat SATURATED SOIL HYDRAULIC CONDUCTIVITY

TYP. TYPICAL

SITE

765

Mountfair

Doylesville

810

668

672

N

PLANS PREPARED BY:

AQUA NOVA ENGINEERING, PLC
CONTACT: DAVID MACIOLEK, PE
David@AquaNovaEngineering.com

OWNER:

INNISFREE VILLAGE
CONTACT: RORIE HUTTER
OFFICE: 434-823-5400
Rorie@InnisfreeVillage.org

va811.com

Dig With G[®]OGGS

CALL MISS UTILITY PRIOR TO EXCAVATION 811 OR 1.800.552.7001

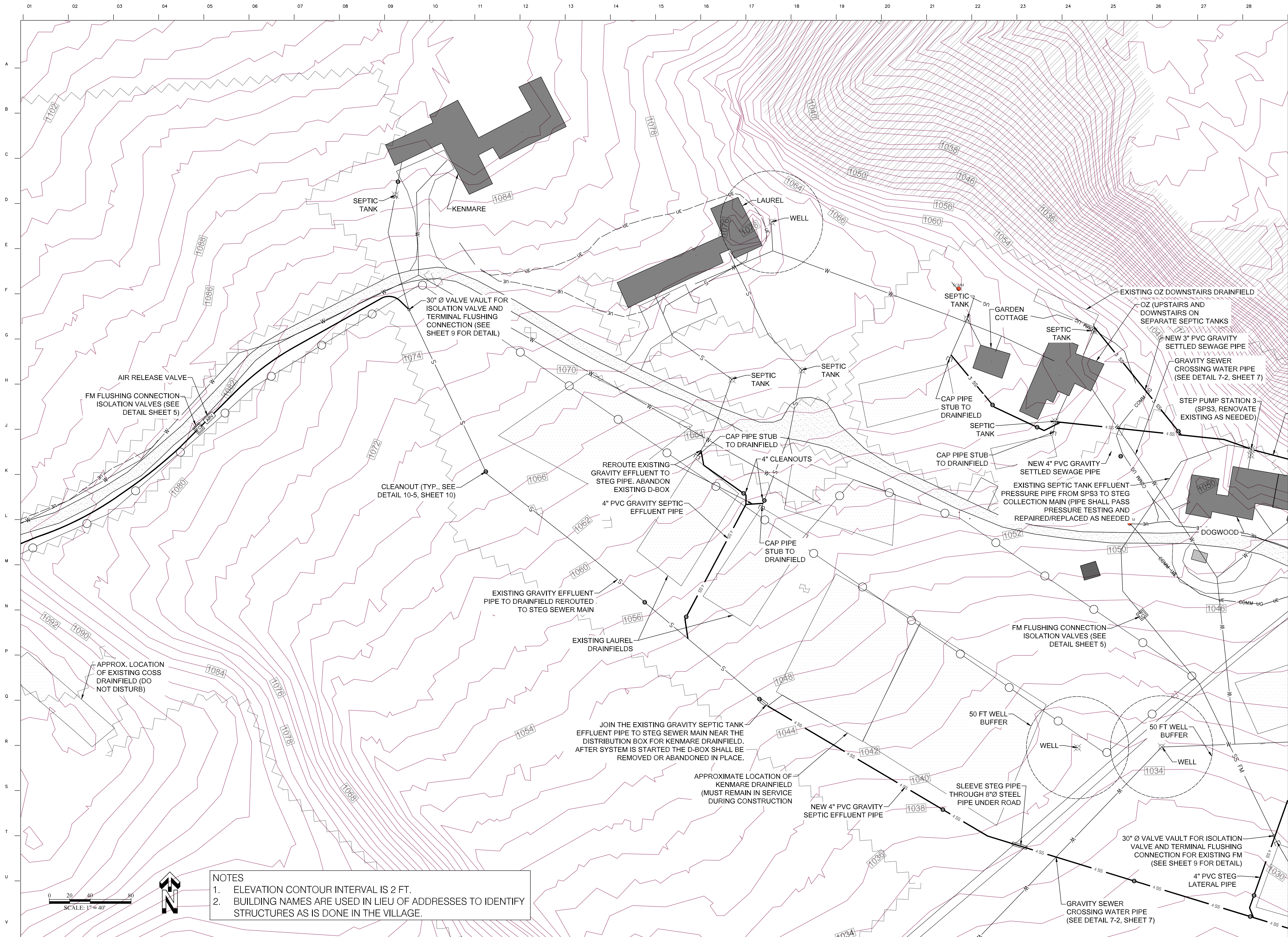
SUBCONTRACTORS MAY NOT WORK UNDER ANOTHER COMPANY'S TICKET UNLESS THEY ARE UNDER THE DIRECT SUPERVISION OF THE COMPANY THAT PROVIDED THE NOTICE OF EXCAVATION. ALLOW REQUIRED TIME FOR MARKING AND BEGIN EXCAVATION ONLY AFTER CHECKING THE POSITIVE RESPONSE SYSTEM. EXCAVATION MAY BEGIN WHEN: ALL NOTIFIED UTILITIES HAVE EITHER MARKED THEIR LINES OR REPORTED THAT THEY HAVE NO FACILITIES IN THE AREA OF EXCAVATION OR THE MARKING PERIOD HAS EXPIRED (AFTER 7:00 AM ON THE THIRD WORKING DAY AFTER NOTICE TO THE CENTER.) OR MISS UTILITY INFORMS YOU THAT NO MEMBER OPERATORS NEED TO BE NOTIFIED OF THE EXCAVATION. YOU WILL STILL GET A TICKET NUMBER! RESPECT THE MARKS - PROTECT AND PRESERVE THE MARKINGS FROM THE TIME EXCAVATION BEGINS UNTIL THE WORK IS COMPLETED. CALL MISS UTILITY TO UPDATE THE TICKET IF WORK WILL CONTINUE PAST 15 DAYS OR IF THE MARKS BECOME ILLEGIBLE DUE TO TIME, WEATHER, CONSTRUCTION OR ANY OTHER CAUSE. EXCAVATE CAREFULLY - IF THE EXCAVATION IS WITHIN 2 FEET OF A MARKED UTILITY LINE, EXPOSE THE UTILITY LINE BY HAND DIGGING AND KEEP ALL MECHANIZED EQUIPMENT AT LEAST 2 FEET AWAY FROM THE EXTREMITIES OF THE UTILITY.

SHEET INDEX

SHEET	DESCRIPTION
C	COVER
1	GENERAL NOTES
2A	SPECIFICATIONS
2B	SPECIFICATIONS CONTINUED
3A	OVERALL SITE PLAN
3B	SEWER SYSTEM EASEMENTS
4	COLLECTION SYSTEM SCHEMATIC
5	COLLECTION SYSTEM – TRILLIUM TO OAKWOOD
6	COLLECTION SYSTEM – KENMARE TO DOGWOOD
7	COLLECTION SYSTEM – DOGWOOD TO AMITY
8	COLLECTION SYSTEM – AMITY TO OFFICE
9	COLLECTION SYSTEM – BITTERSWEET TO TREATMENT
10	STEP/STEG COLLECTION SYSTEM DETAILS
11	TREATMENT SYSTEM PROCESS DIAGRAM
12	TREATMENT SYSTEM SCHEMATIC
13	TREATMENT AREA PLAN
14	TREATMENT SYSTEM LAYOUT
15	TREATMENT SYSTEM DETAILS
16	STAGE 1 ADVANTEX DETAILS
17	STAGE 2 ADVANTEX DETAILS
18	STAGE 3 TREATMENT DETAILS
19	MBBR AND EFFLUENT PUMP TANK DETAILS
20	FLOW METER & EQUIPMENT BUILDING DETAILS
21	DISPERSAL SYSTEM DETAILS
22	DRAINFIELD LAYOUT
23	NITROGEN DILUTION MANAGEMENT AREA
24	ELECTRICAL LAYOUT & DETAILS
25	ELECTRICAL SCHEMATIC & DEVICE LIST
26	TREATMENT SYSTEM HYDRAULIC PROFILE –ACROSS
27	TREATMENT SYSTEM HYDRAULIC PROFILE –SECTIONS
28	TREATMENT SYSTEM SITE FINISH

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- NOTES
- ELEVATION CONTOUR INTERVAL IS 2 FT.
 - BUILDING NAMES ARE USED IN LIEU OF ADDRESSES TO IDENTIFY STRUCTURES AS IS DONE IN THE VILLAGE.

REV	DATE	DESCRIPTION OF REVISION	BY	APP



Aqua Nova
ENGINEERING, PLC.

3452 BLEAK HOUSE RD.
EARLYSVILLE, VA 22936
434-249-4497
WWW.AQUANOVAENGINEERING.COM



PROJECT NAME:
**IINISFREE VILLAGE WASTEWATER
MANAGEMENT SYSTEM UPGRADES**

PROJECT LOCATION:
ALBEMARLE, VA

DATE: **11/26/2024**

DRAWING SCALE: **AS NOTED**

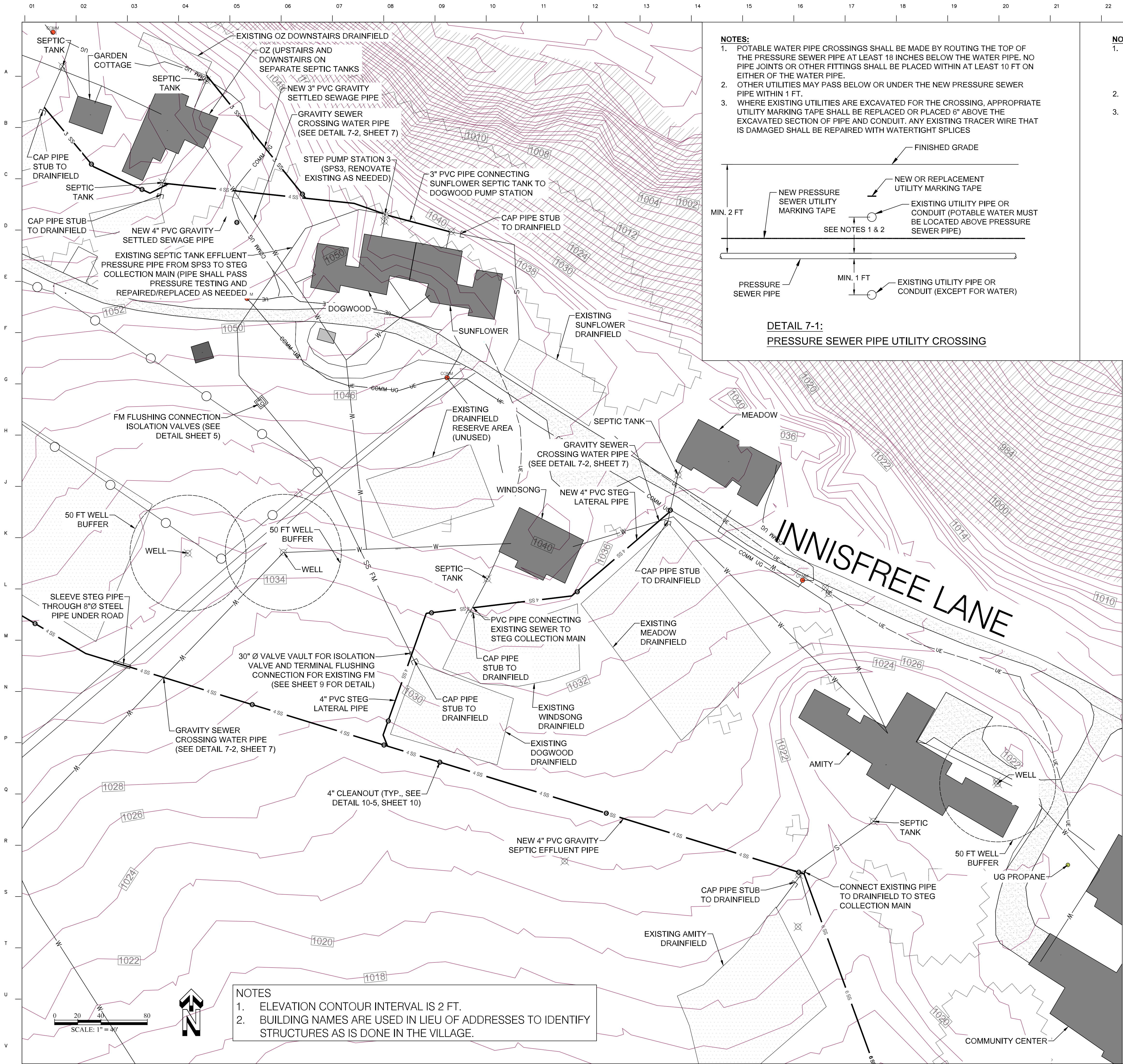
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DESIGNED BY:
CHECKED BY:

**CBH
DJM
DJM**

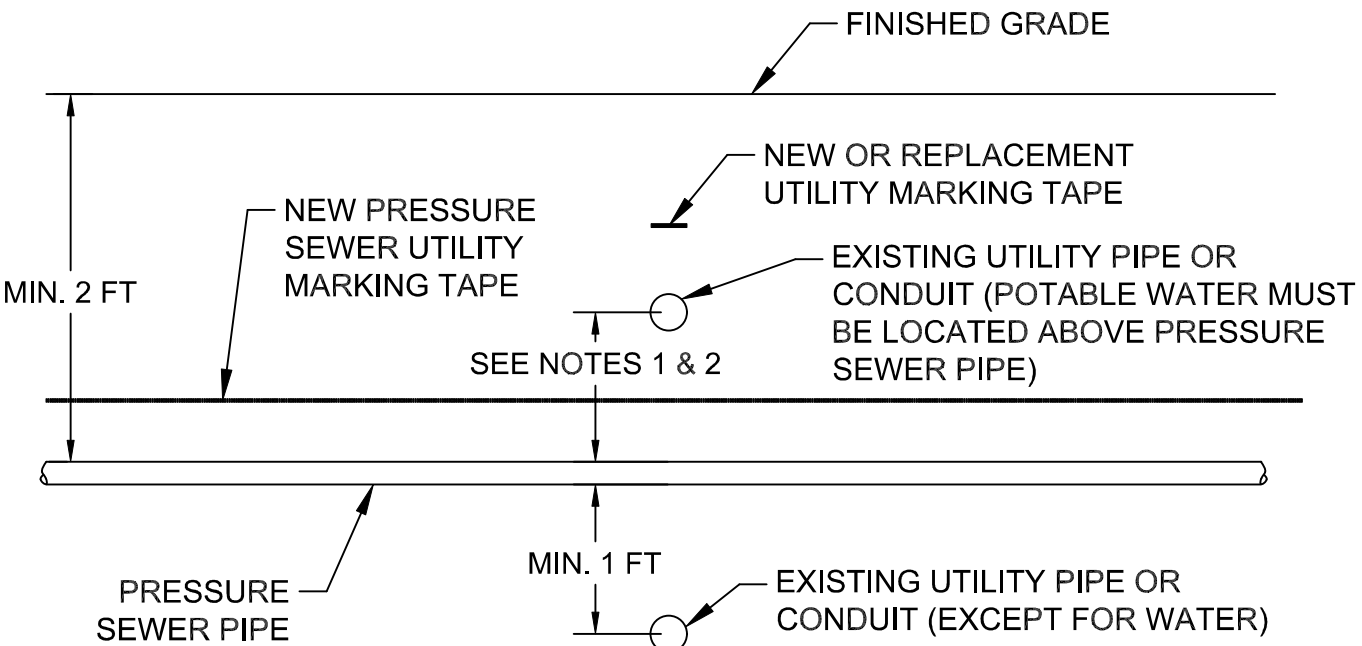
SHEET TITLE:

**COLLECTION
SYSTEM -
KENMARE TO
DOGWOOD**

6

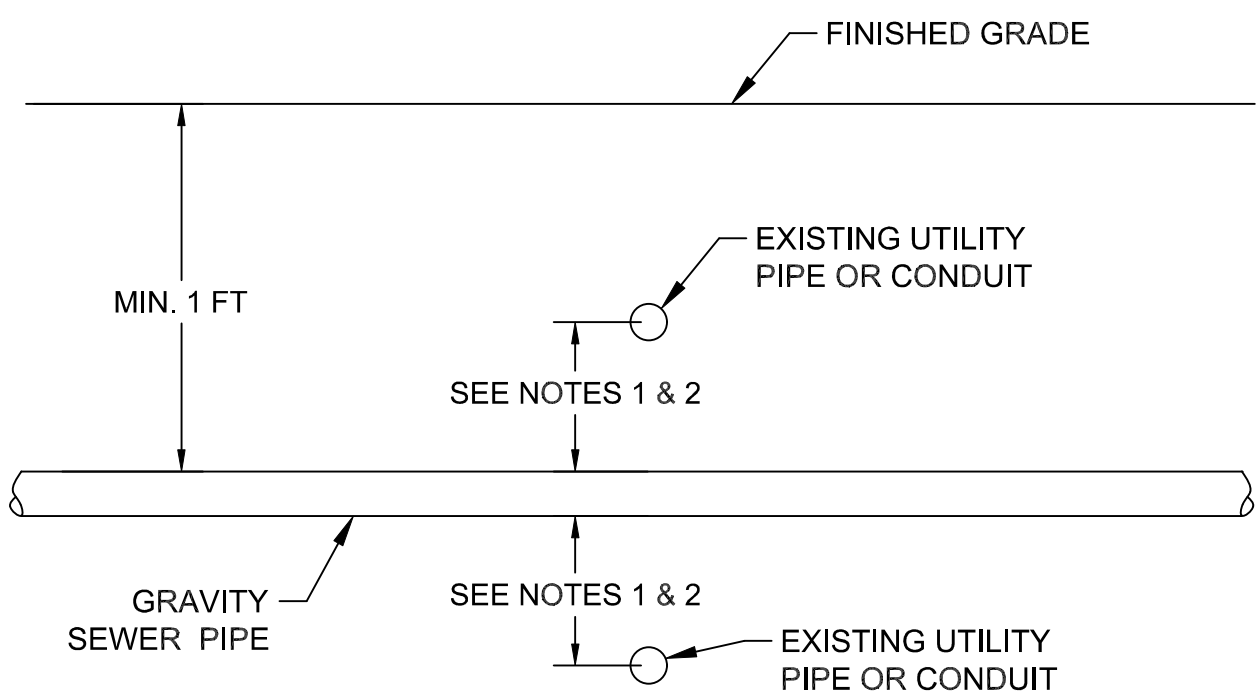


- NOTES:**
1. POTABLE WATER PIPE CROSSINGS SHALL BE MADE BY ROUTING THE TOP OF THE PRESSURE SEWER PIPE AT LEAST 18 INCHES BELOW THE WATER PIPE. NO PIPE JOINTS OR OTHER FITTINGS SHALL BE PLACED WITHIN AT LEAST 10 FT ON EITHER OF THE WATER PIPE.
 2. OTHER UTILITIES MAY PASS BELOW OR UNDER THE NEW PRESSURE SEWER PIPE WITHIN 1 FT.
 3. WHERE EXISTING UTILITIES ARE EXCAVATED FOR THE CROSSING, APPROPRIATE UTILITY MARKING TAPE SHALL BE REPLACED OR PLACED 6" ABOVE THE EXCAVATED SECTION OF PIPE AND CONDUIT. ANY EXISTING TRACER WIRE THAT IS DAMAGED SHALL BE REPAIRED WITH WATERTIGHT SPLICES



DETAIL 7-1:
PRESSURE SEWER PIPE UTILITY CROSSING

- NOTES:**
1. POTABLE WATER PIPE CROSSINGS SHALL BE MADE BY ROUTING THE GRAVITY SEWER AT LEAST 18 INCHES ABOVE OR BELOW THE WATER PIPE. NO PIPE JOINTS OR OTHER FITTINGS SHALL BE PLACED WITHIN AT LEAST 10 FT ON EITHER OF THE WATER PIPE. IF REQUIRED THE WATER PIPE MAY BE RE-ROUTED, IN COORDINATION WITH THE ENGINEER OF RECORD.
 2. OTHER UTILITIES MAY PASS BELOW OR UNDER THE NEW PRESSURE SEWER PIPE WITHIN 1 FT.
 3. WHERE EXISTING UTILITIES ARE EXCAVATED FOR THE CROSSING, APPROPRIATE UTILITY MARKING TAPE SHALL BE REPLACED OR PLACED 6" ABOVE THE EXCAVATED SECTION OF PIPE AND CONDUIT. ANY EXISTING TRACER WIRE THAT IS DAMAGED SHALL BE REPAIRED WITH WATERTIGHT SPLICES



DETAIL 7-2:
GRAVITY SEWER PIPE UTILITY CROSSING



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ENGINEERING, P.L.C.

3452 BLEAK HOUSE RD.
EARLYSVILLE, VA 22936
434-249-4497
WWW.AQUANOVAENGINEERING.COM



PROJECT NAME:
**INNISFREE VILLAGE WASTEWATER
MANAGEMENT SYSTEM UPGRADES**

PROJECT LOCATION:
ALBEMARLE, VA

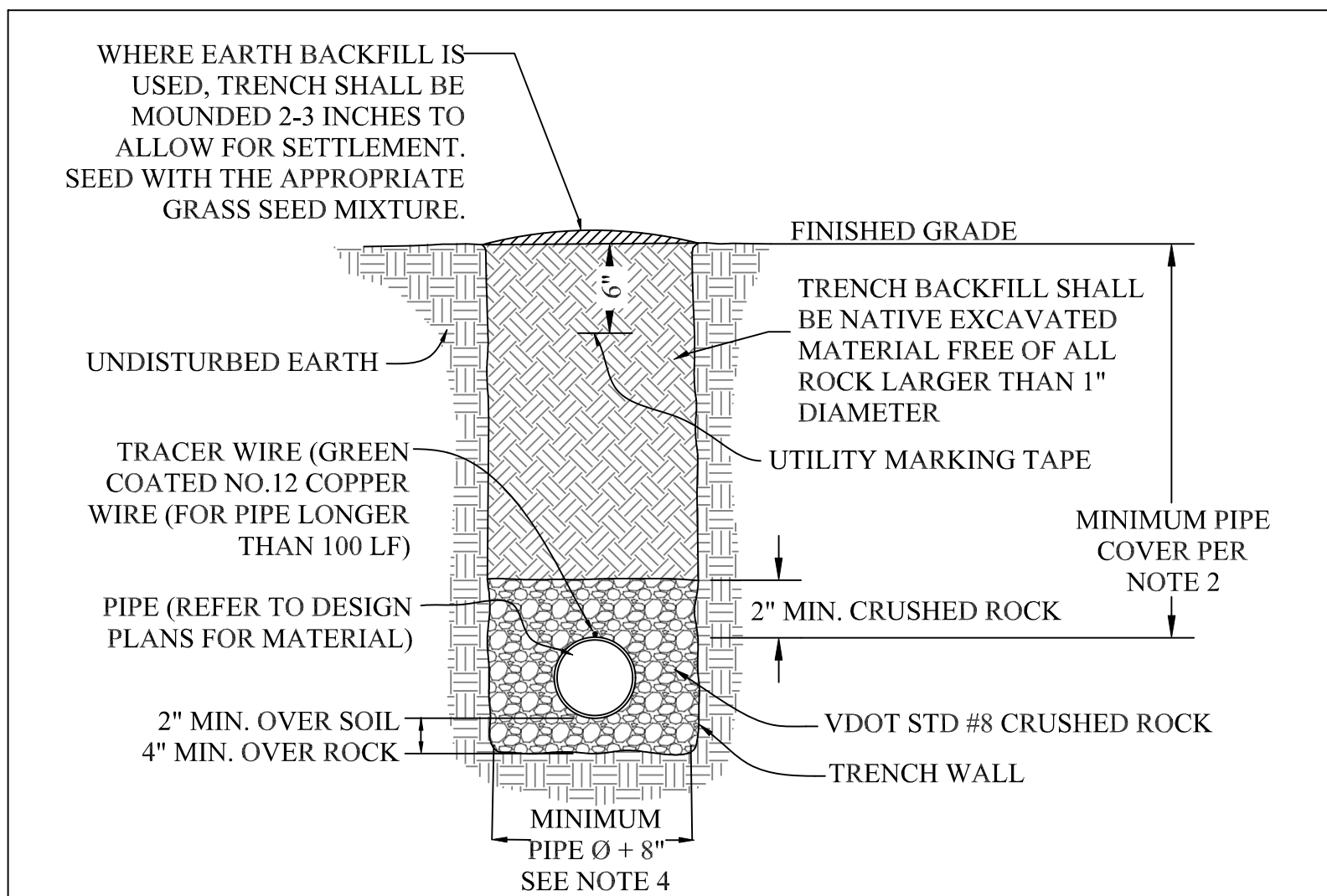
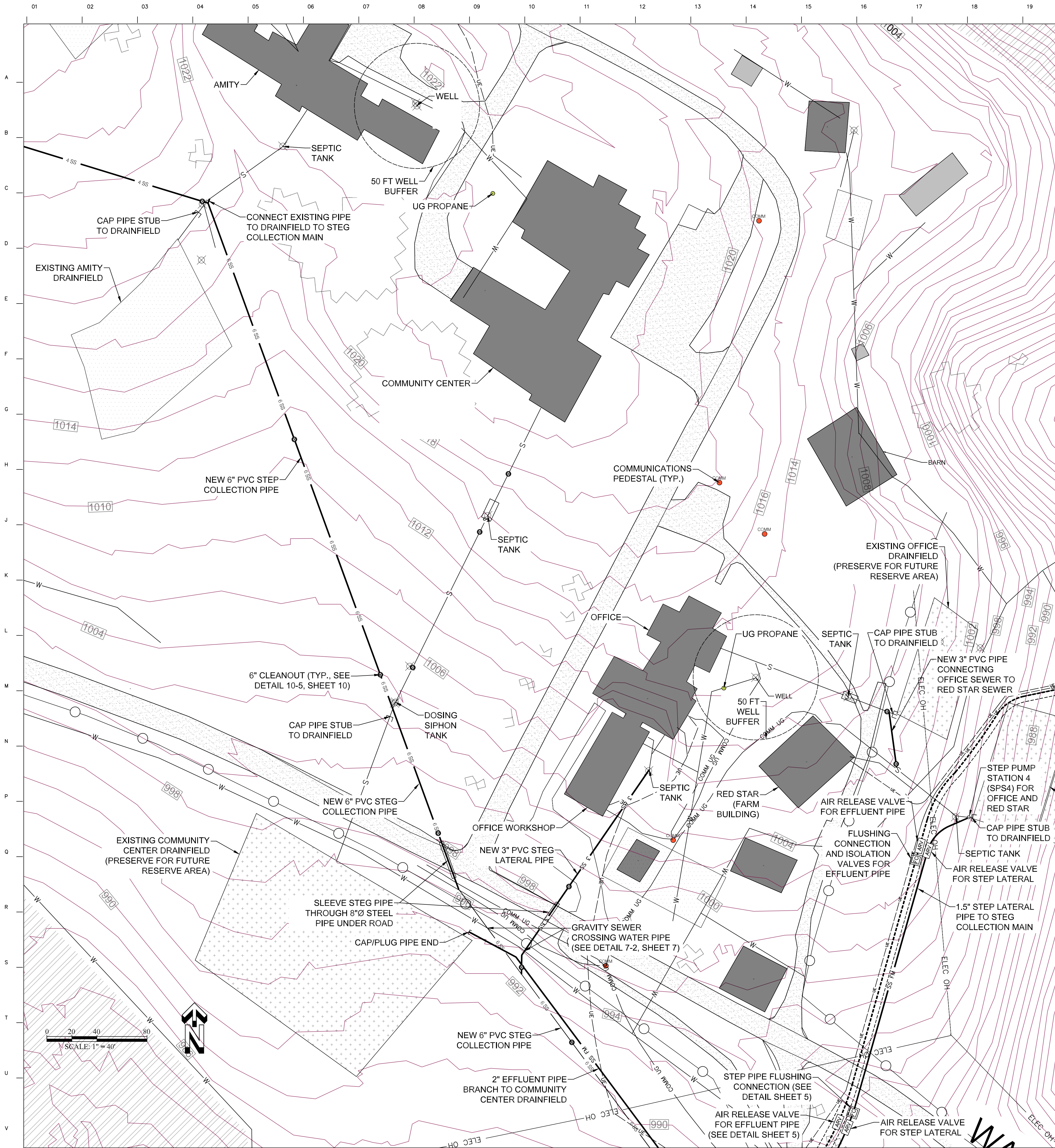
DATE: 11/26/2024

DRAWN BY:
DESIGNED BY:
CHECKED BY:

CBH
DJM
DJM

SHEET TITLE:

**COLLECTION
SYSTEM -
DOGWOOD TO
AMITY**



- BURIED PIPE INSTALLATION NOTES:**
1. THIS DETAIL APPLIES TO PRESSURE HDPE PIPE INSTALLATION FOR THE SEWER COLLECTION SYSTEM AND IN THE TREATMENT SYSTEM.
 2. PRESSURE SEWER PIPE SHALL BE INSTALLED WITH A MINIMUM 2 FT COVER OVER THE TOP OF PIPE.
 3. PRESSURE SEWER PIPE BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY POTABLE WATER PIPE. SEE DETAILS 7-1 & 7-2 ON SHEET 7 FOR WATER PIPE CROSSINGS.
 4. TRENCH WIDTH SHALL BE INCREASED BY THE PIPE DIAMETER PLUS 6 INCHES FOR EACH ADDITIONAL PIPE LAID PARALLEL IN THE SAME TRENCH WITH -6" SEPARATION BETWEEN EACH PIPE AND THE PIPE AND THE TRENCH WALL.

DETAIL 8-1: HDPE PIPE INSTALLATION DETAIL

- NOTES**
1. ELEVATION CONTOUR INTERVAL IS 2 FT.
 2. BUILDING NAMES ARE USED IN LIEU OF ADDRESSES TO IDENTIFY STRUCTURES AS IS DONE IN THE VILLAGE.

REV	DATE	DESCRIPTION OF REVISION	BY	APP
3	11/18/24	DETAIL 8-1 ADDED, MISC. CORRECTIONS		

AQUA NOVA
ENGINEERING, PLC.
3452 BLEAK HOUSE RD.
EARLYSVILLE, VA 22936
434-249-4497
WWW.AQUANOVAENGINEERING.COM

27 Nov 2024
DAVID J. MACIOLEK
Lic No. 043224
PROFESSIONAL ENGINEER

PROJECT NAME: IINNISFREE VILLAGE WASTEWATER MANAGEMENT SYSTEM UPGRADES

PROJECT LOCATION: ALBEMARLE, VA

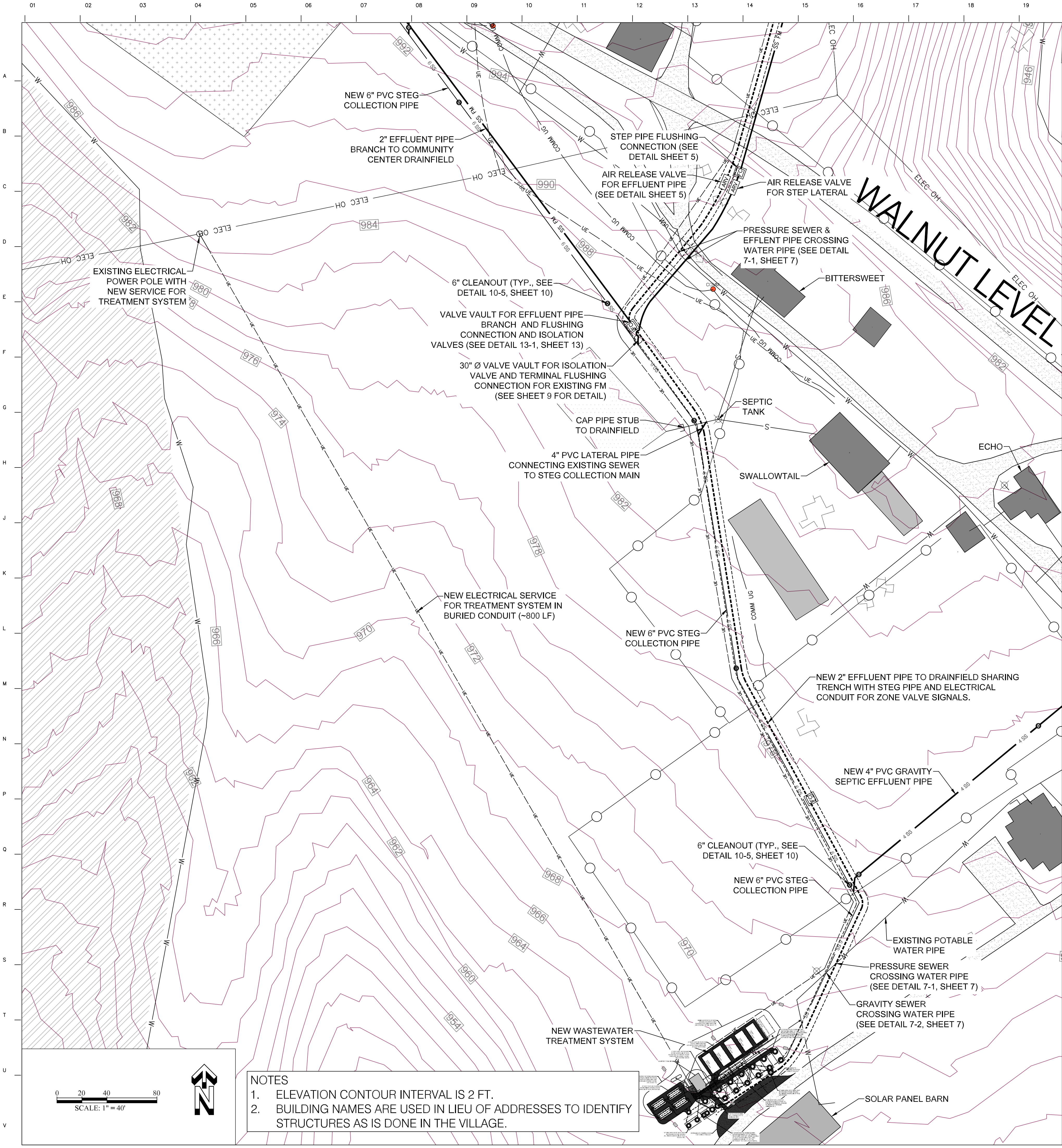
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DRAWING SCALE: AS NOTED

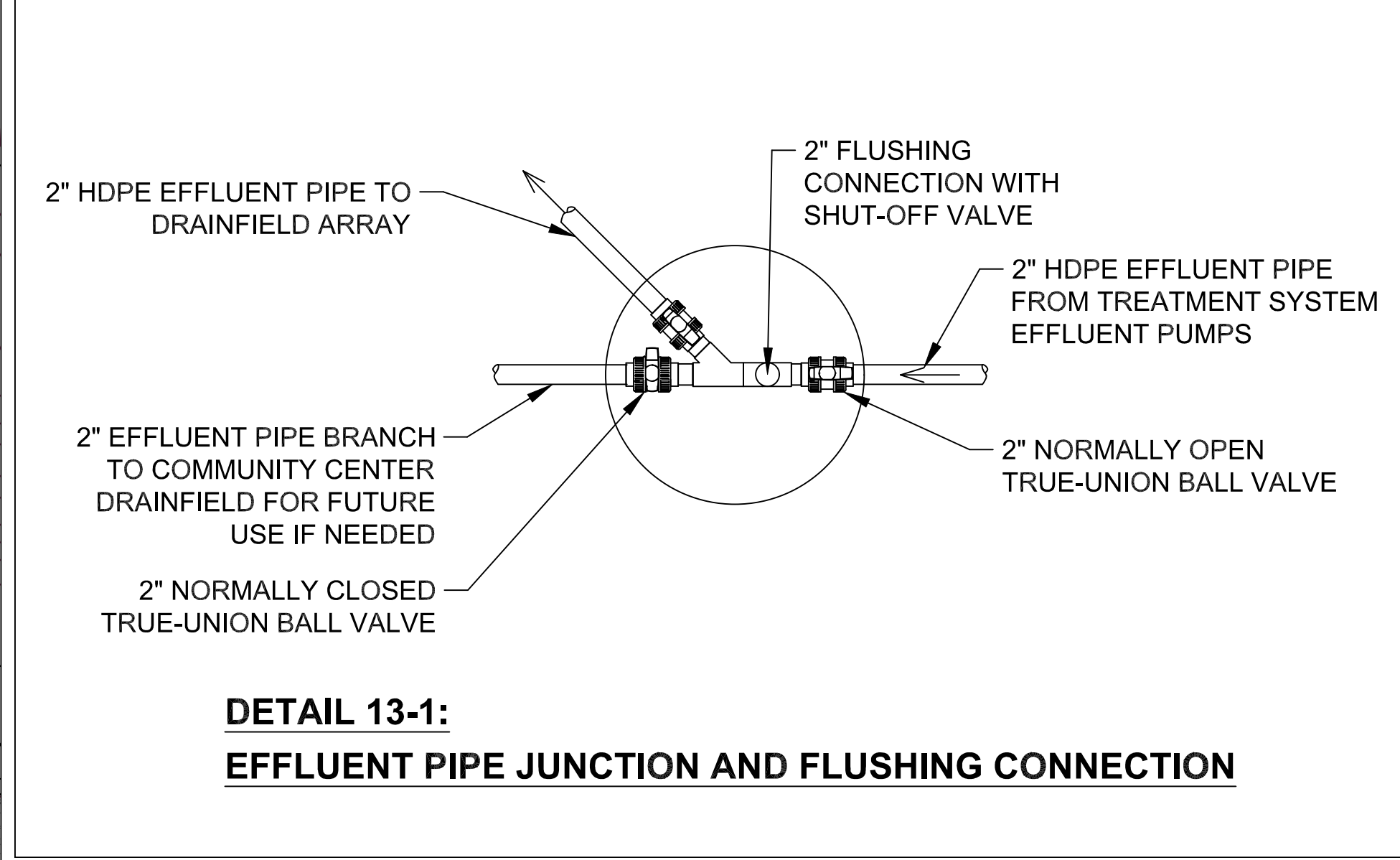
DRAWN BY: CBH
DESIGNED BY: DJM
CHECKED BY: DJM

SHEET TITLE: **COLLECTION SYSTEM - AMITY TO OFFICE**

8



- NOTES
- ELEVATION CONTOUR INTERVAL IS 2 FT.
 - BUILDING NAMES ARE USED IN LIEU OF ADDRESSES TO IDENTIFY STRUCTURES AS IS DONE IN THE VILLAGE.



REV	DATE	DESCRIPTION OF REVISION
1	09/17/24	TREATMENT SYSTEM DESIGN MODIFIED



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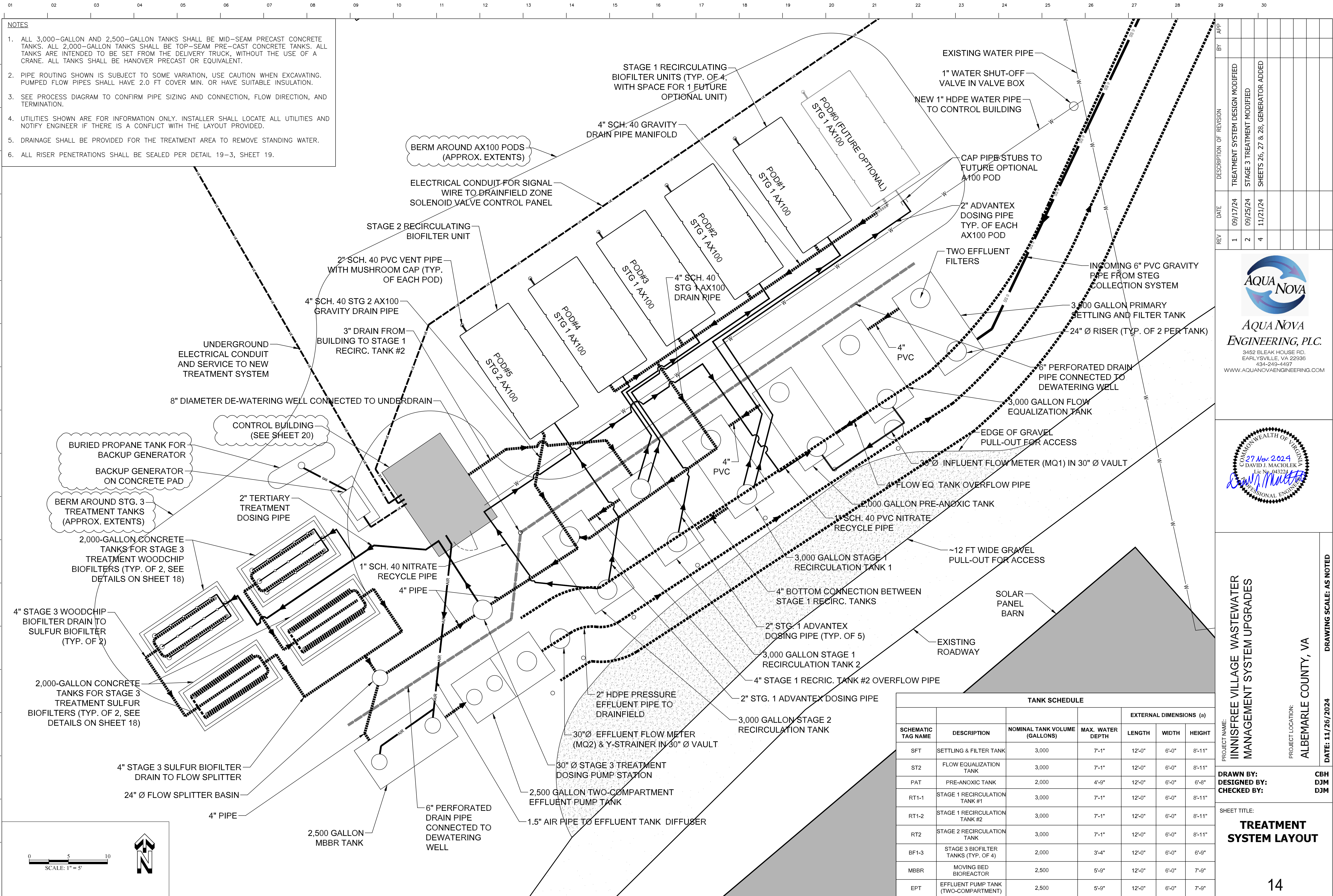


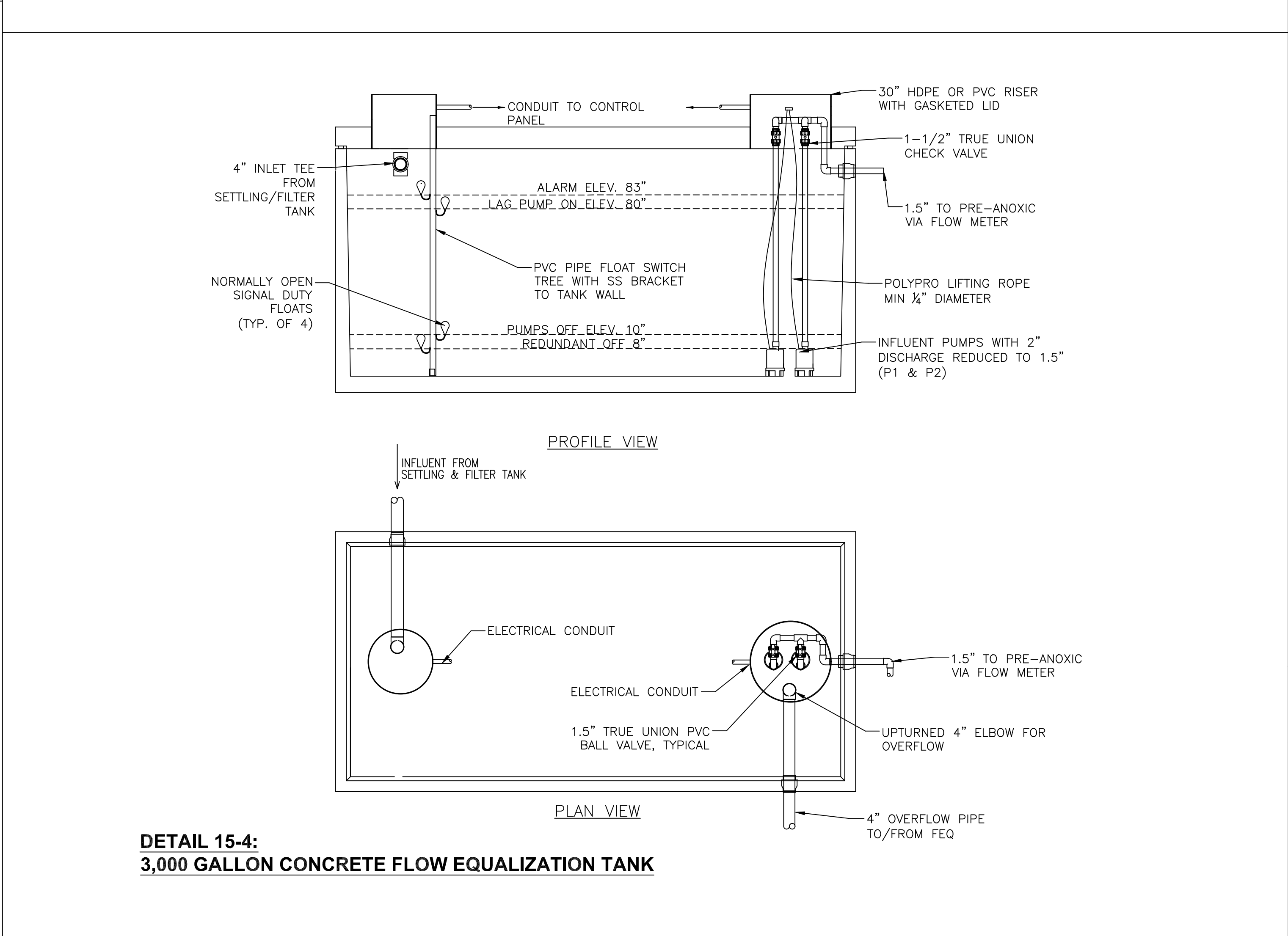
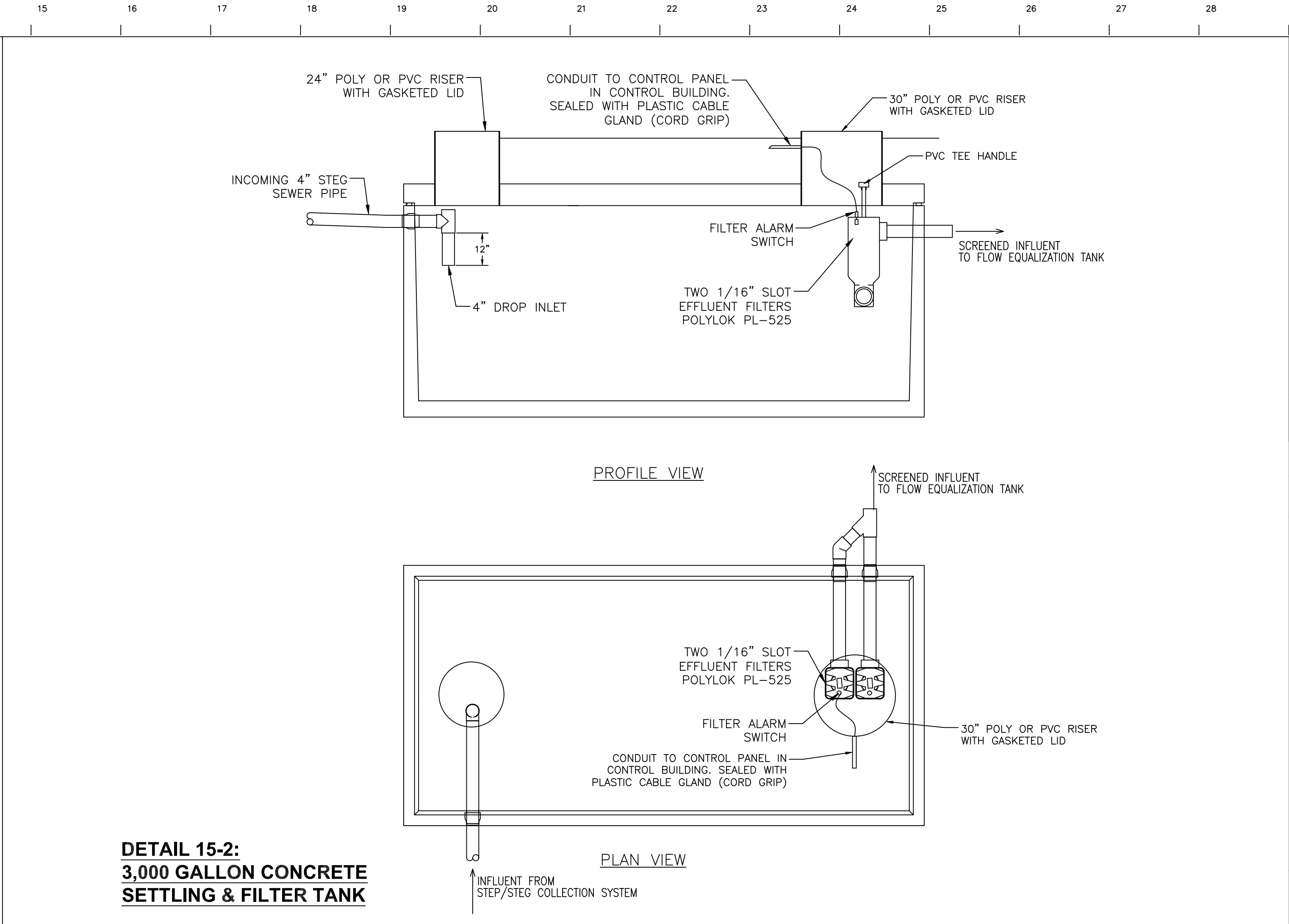
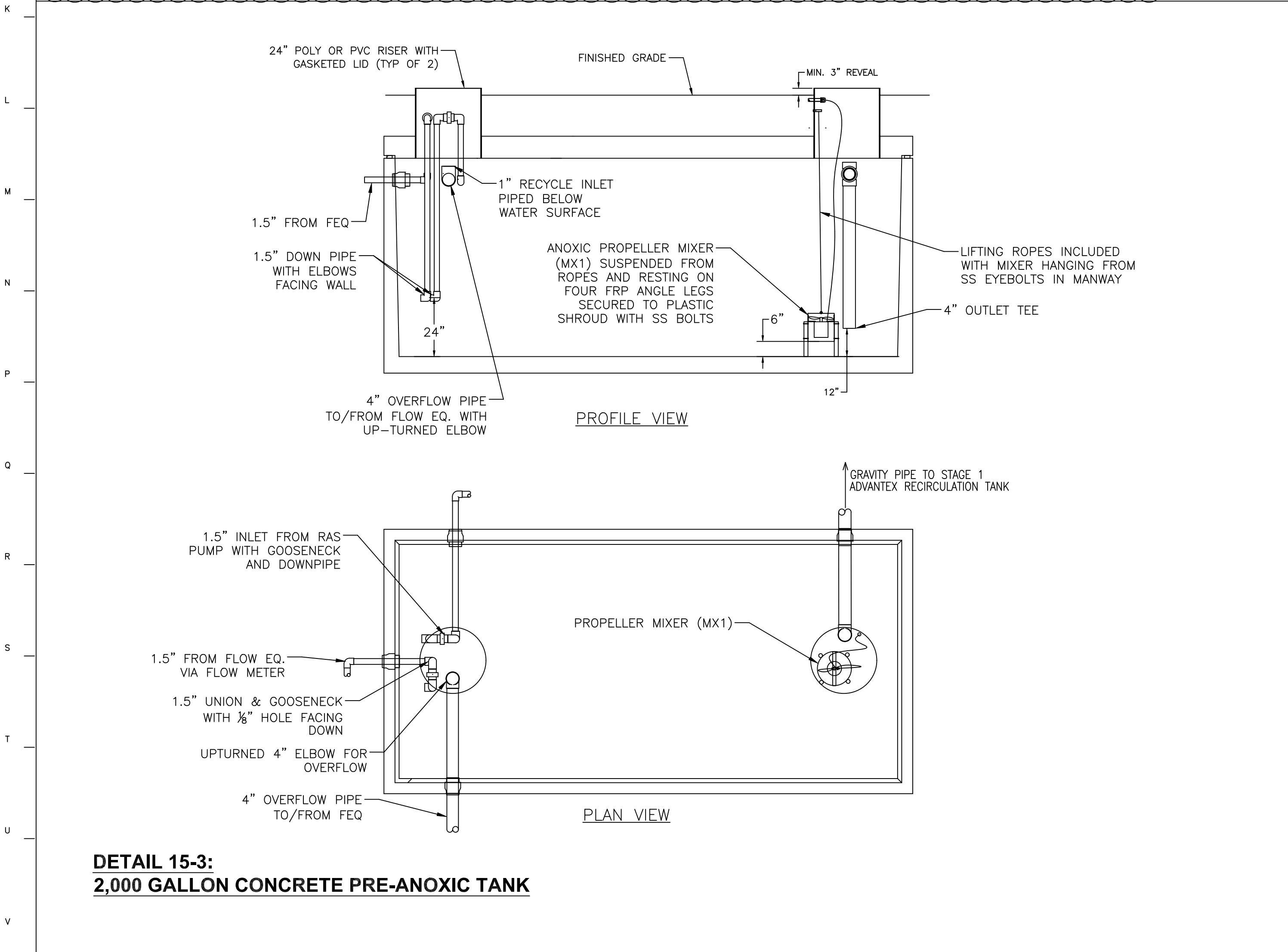
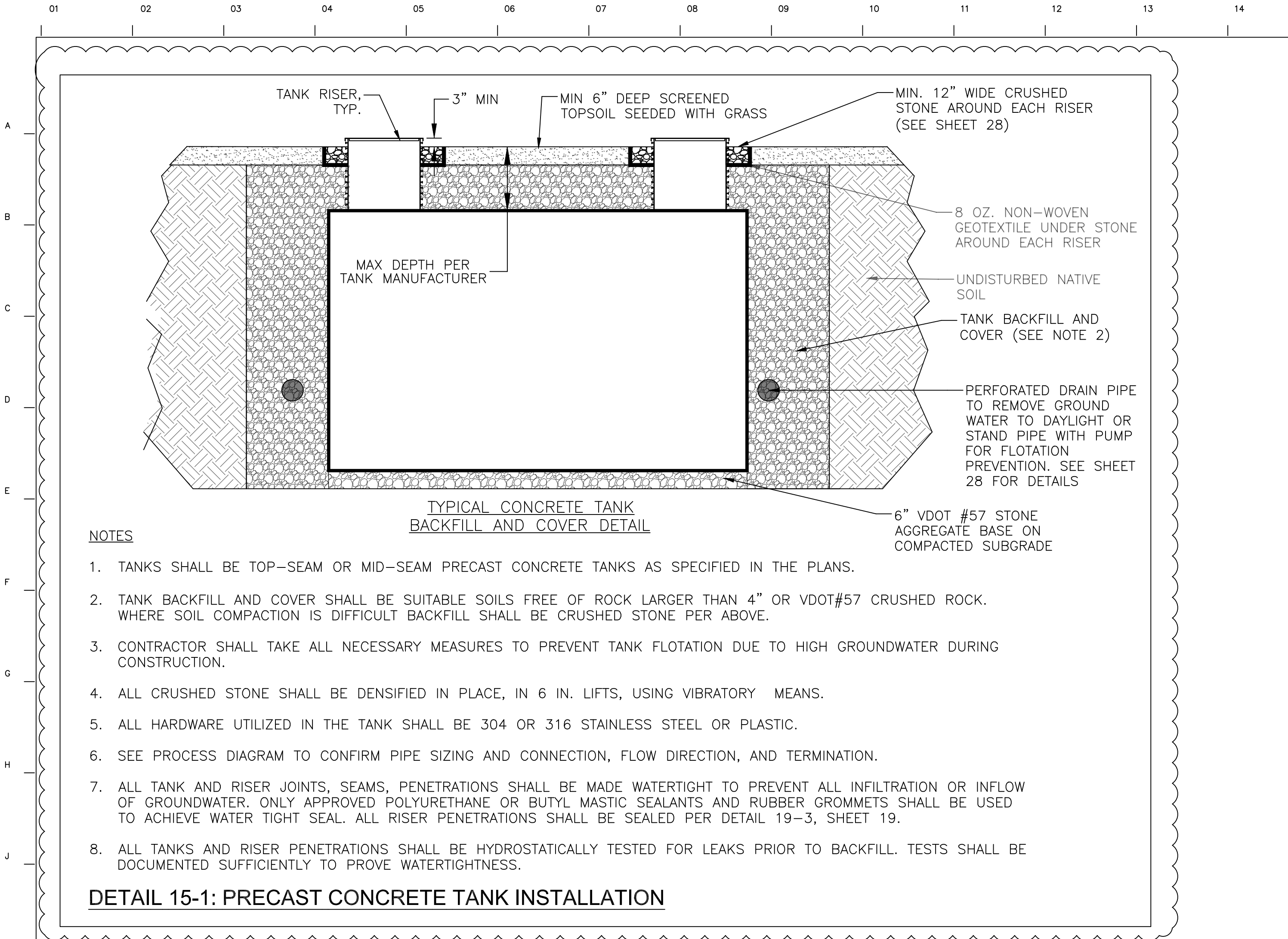
PROJECT NAME: INNISFREE VILLAGE WASTEWATER MANAGEMENT SYSTEM UPGRADES	PROJECT LOCATION: ALBEMARLE COUNTY, VA	DRAWING SCALE: AS NOTED
DRAWN BY: DESIGNED BY: CHECKED BY:	CBH DJM DJM	

SHEET TITLE:

**TREATMENT
SYSTEM AREA PLAN**

13





REV	DATE	DESCRIPTION OF REVISION
1	09/17/24	TREATMENT SYSTEM DESIGN MODIFIED

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EARLYSVILLE, VA 22936
434-249-4497
WWW.AQUANOVAENGINEERING.COM

27 Nov 2024
DAVID J. MACCOLEY
LIC. NO. 043324
PROFESSIONAL ENGINEER

PROJECT NAME:
INNISFREE VILLAGE WASTEWATER MANAGEMENT SYSTEM UPGRADES

PROJECT LOCATION:
ALBEMARLE COUNTY, VA

DATE: 11/26/2024

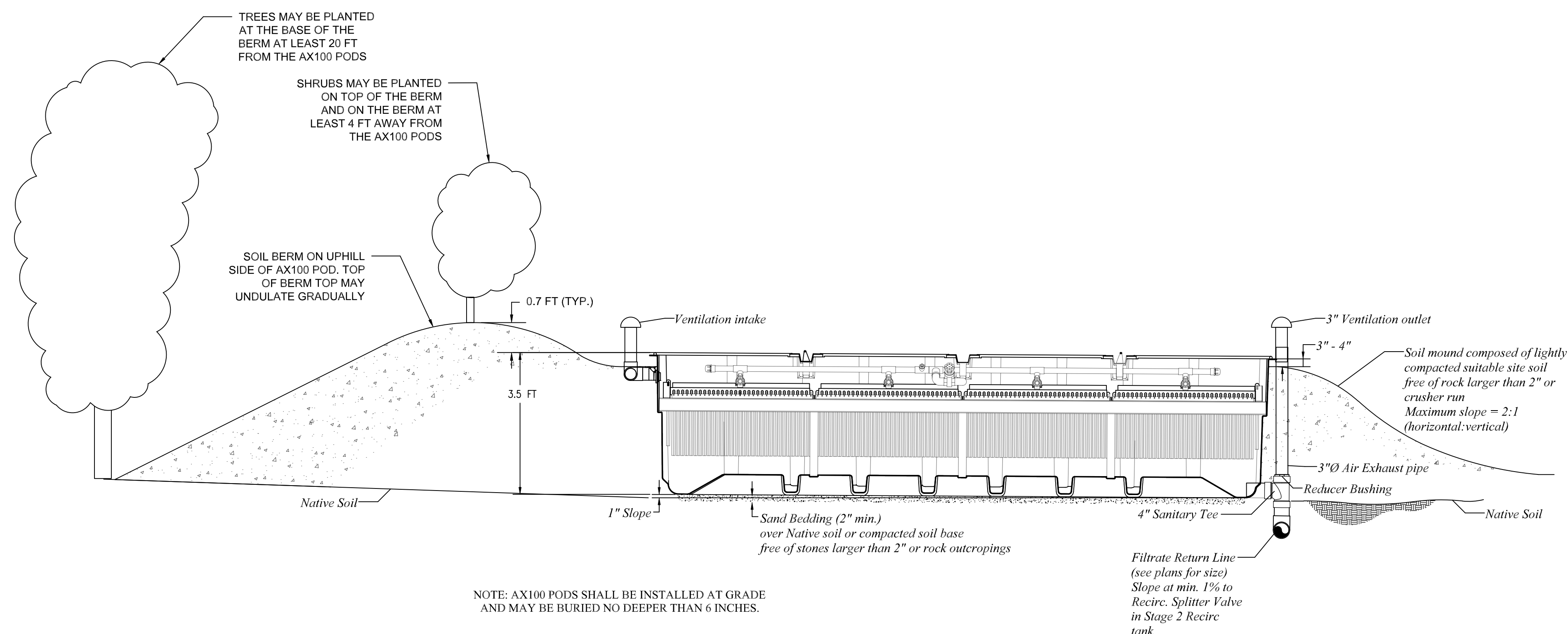
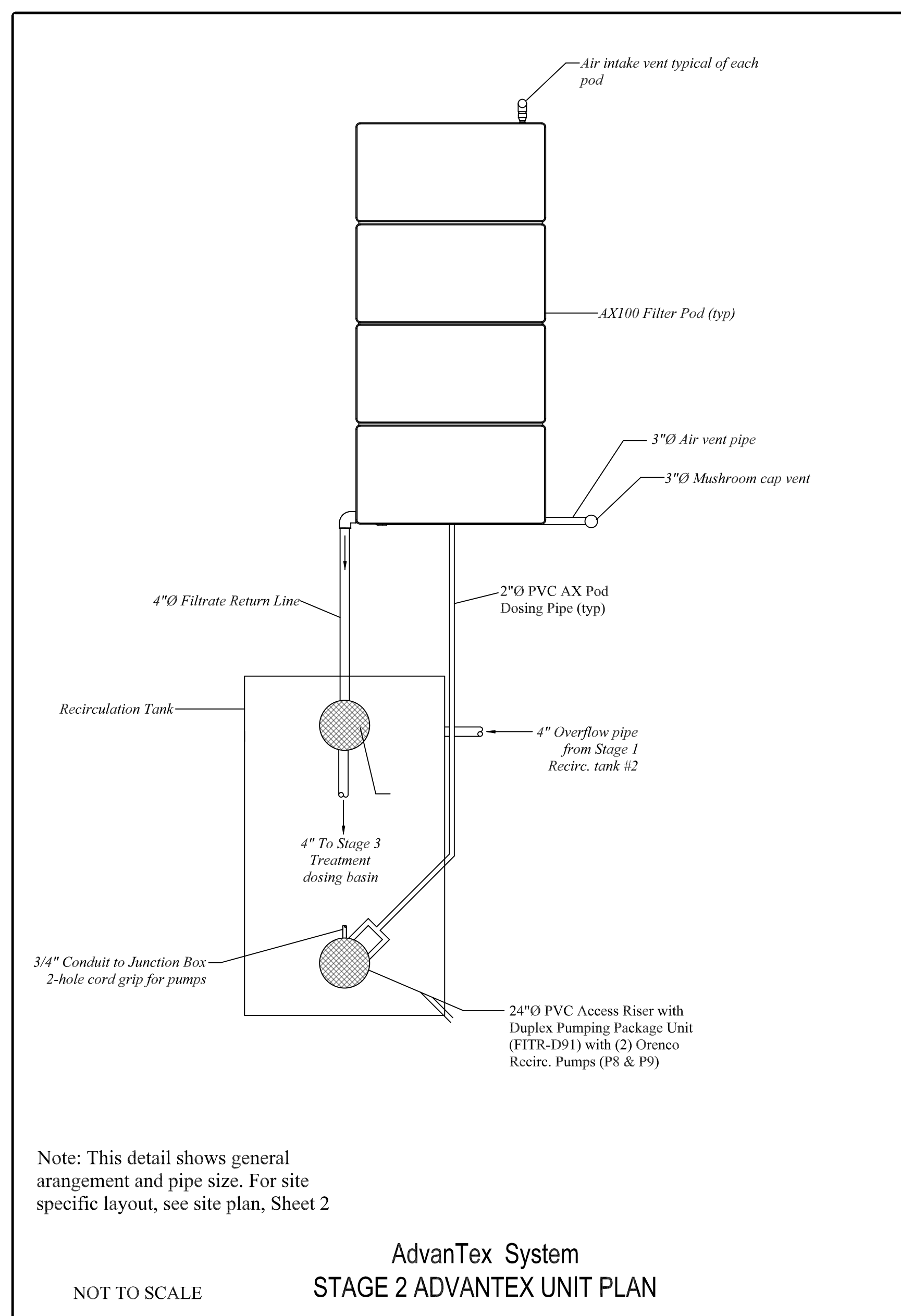
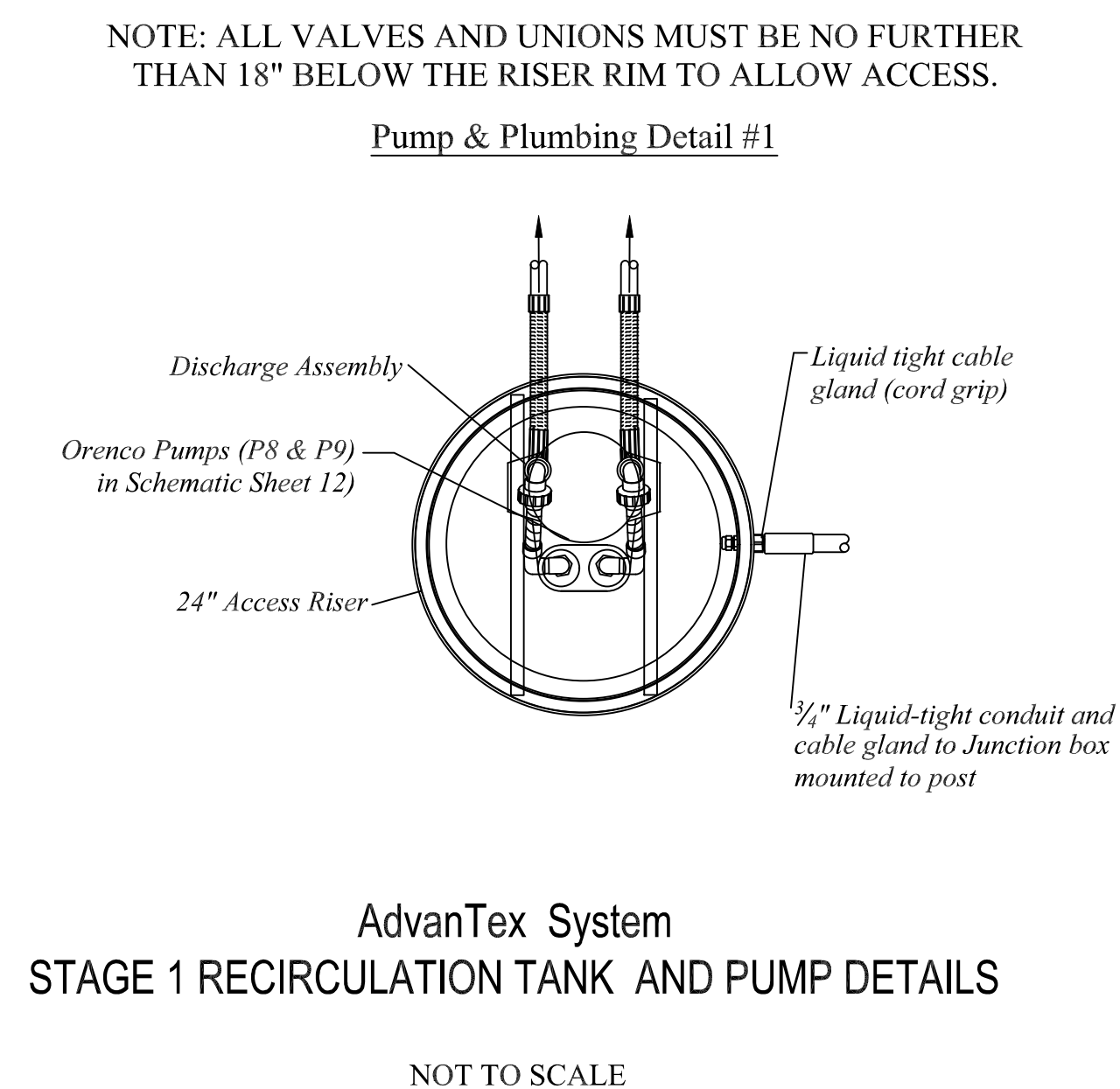
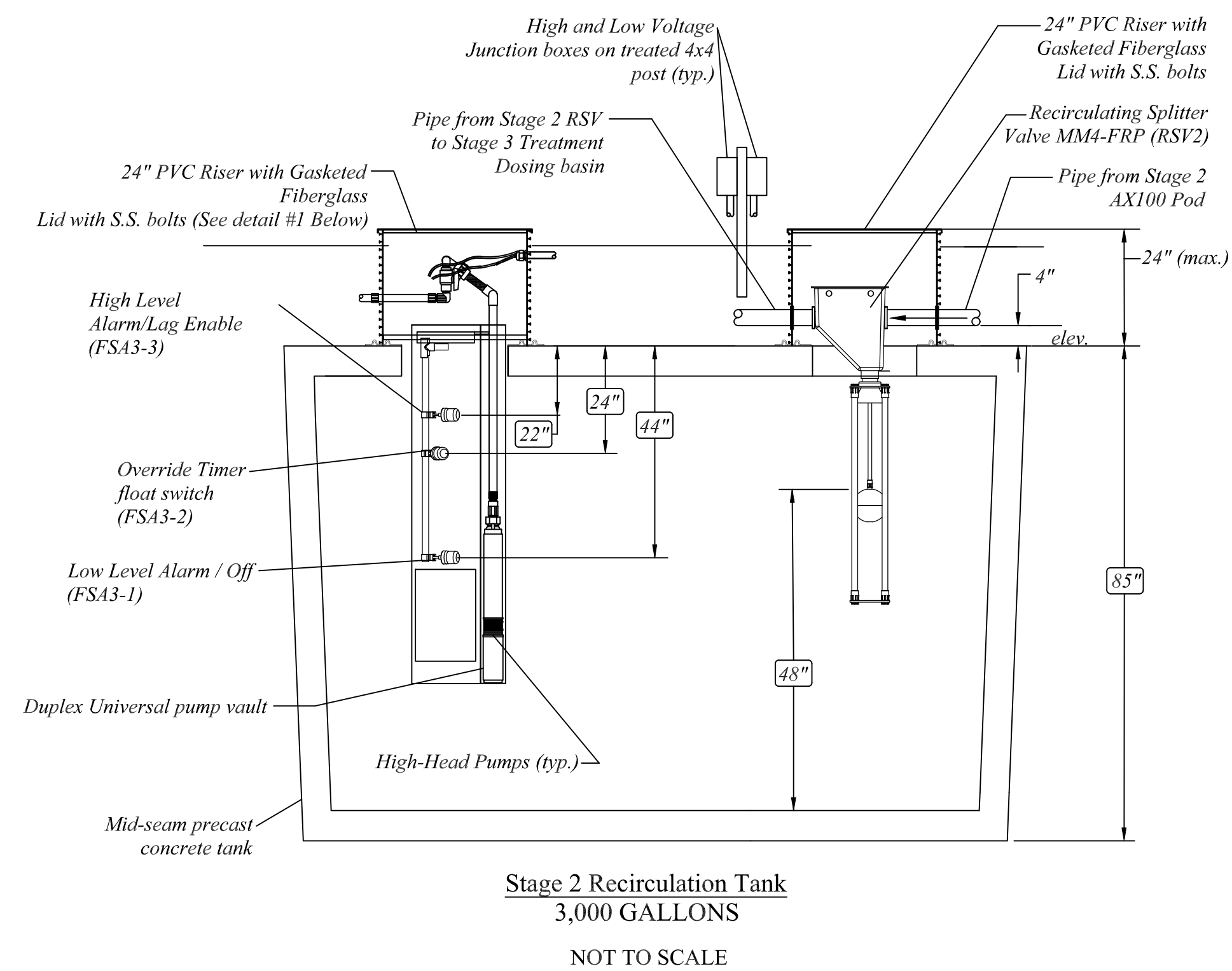
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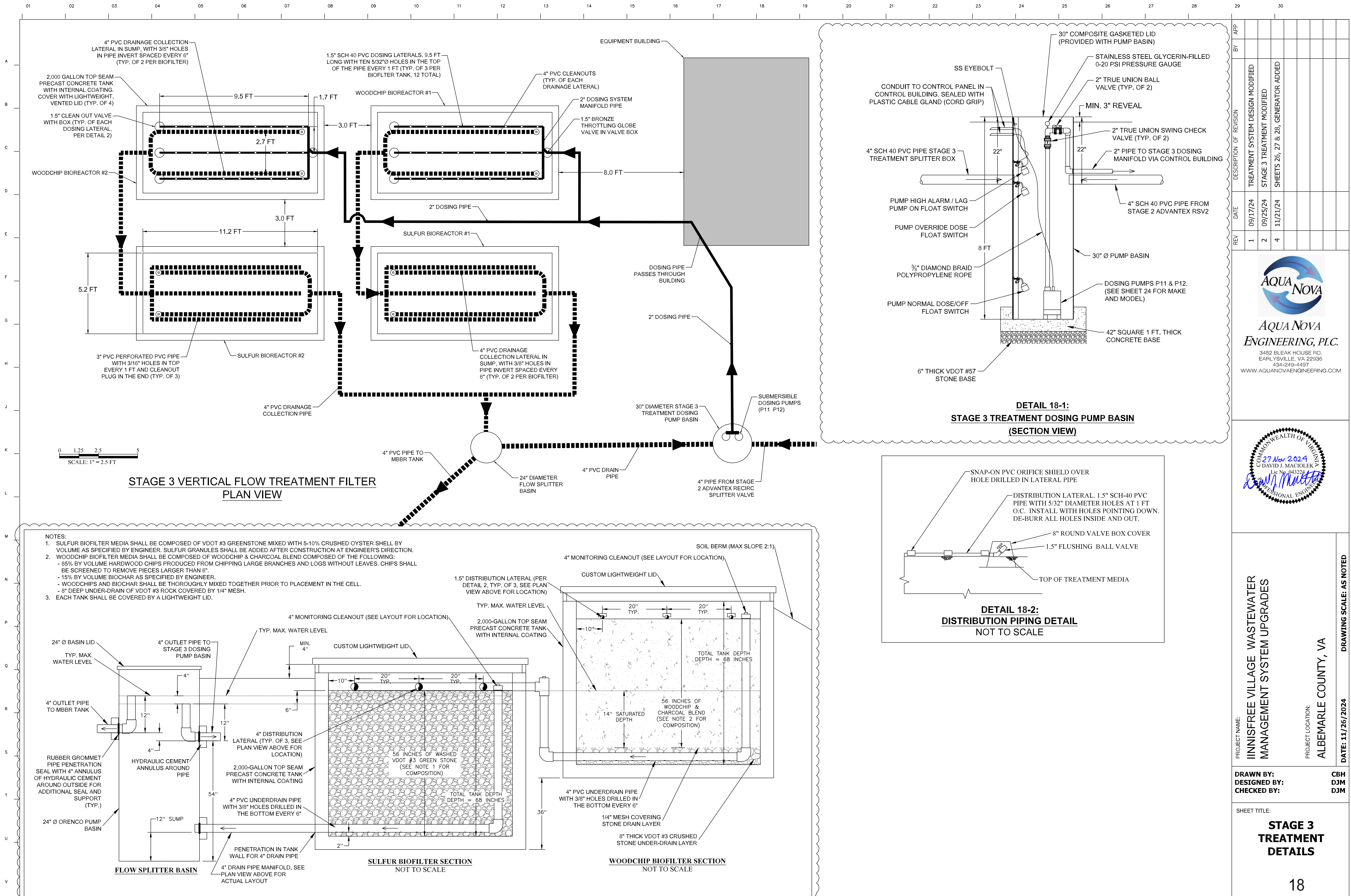
DRAWN BY:
DESIGNED BY:
CHECKED BY:

CBH
DJM
DJM

SHEET TITLE:
TREATMENT SYSTEM DETAILS

15





PROJECT NAME:
**INNISFREE VILLAGE WASTEWATER
MANAGEMENT SYSTEM UPGRADES**

PROJECT LOCATION:
ALBEMARLE COUNTY, VA

DATE: 11/26/2024

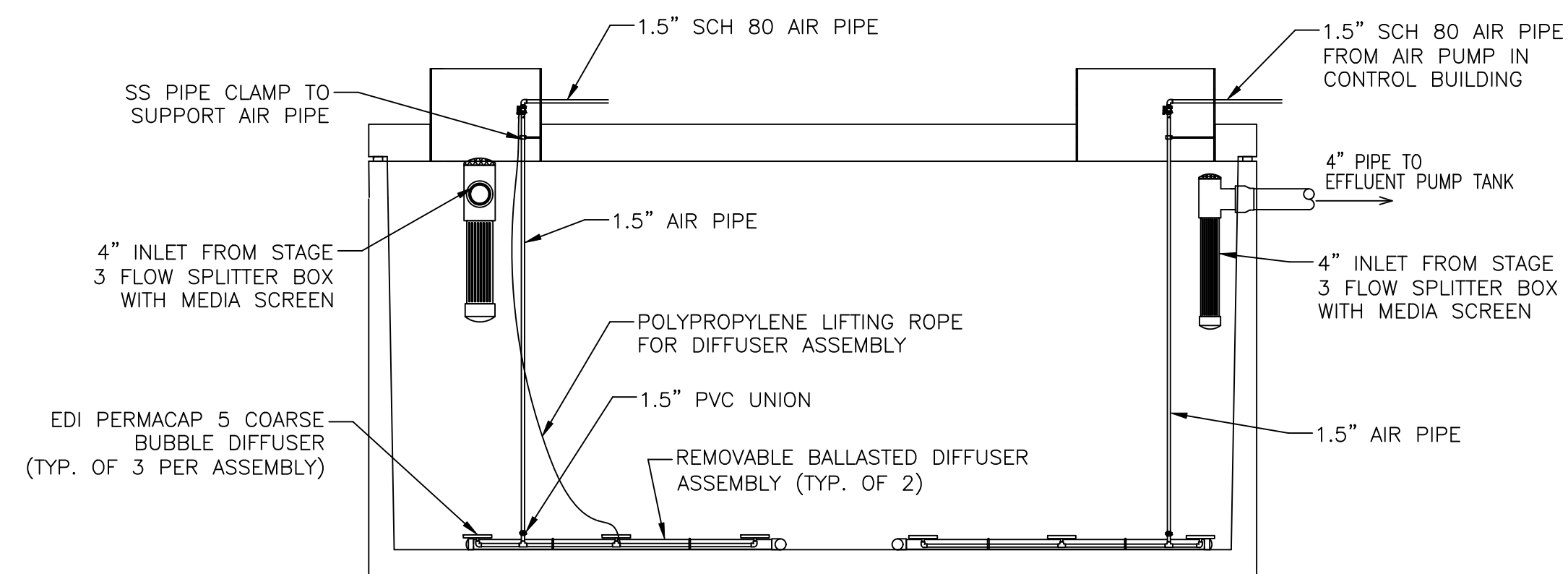
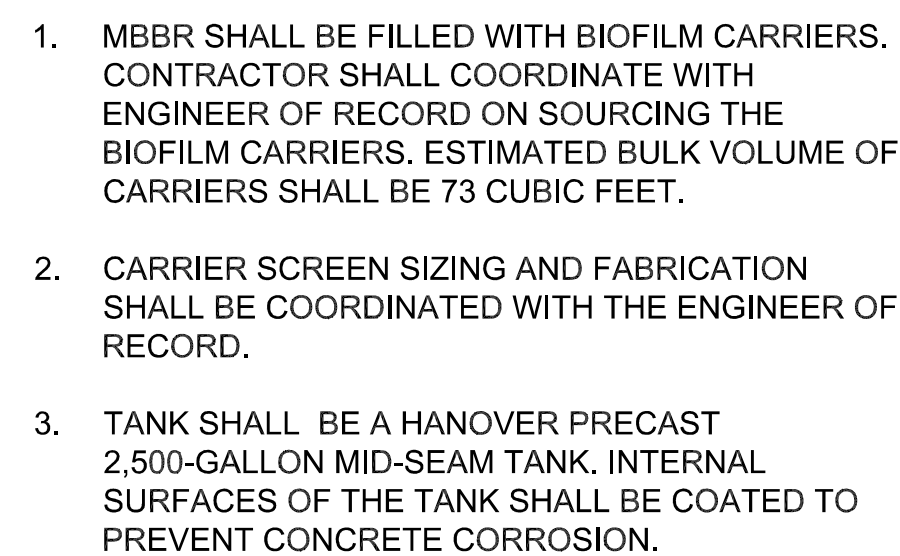
DRAWN BY:
CBH

DESIGNED BY:
DJM

CHECKED BY:
DJM

SHEET TITLE:
**STAGE 3
TREATMENT
DETAILS**

18



PROFILE VIEW

INFLUENT FROM STAGE 3 TREATMENT

1.5" AIR PIPE FROM AIR PUMP IN CONTROL BUILDING

1.5" TRUE UNION BALL VALVE

30"

30"

30"

30"

24" RISERS

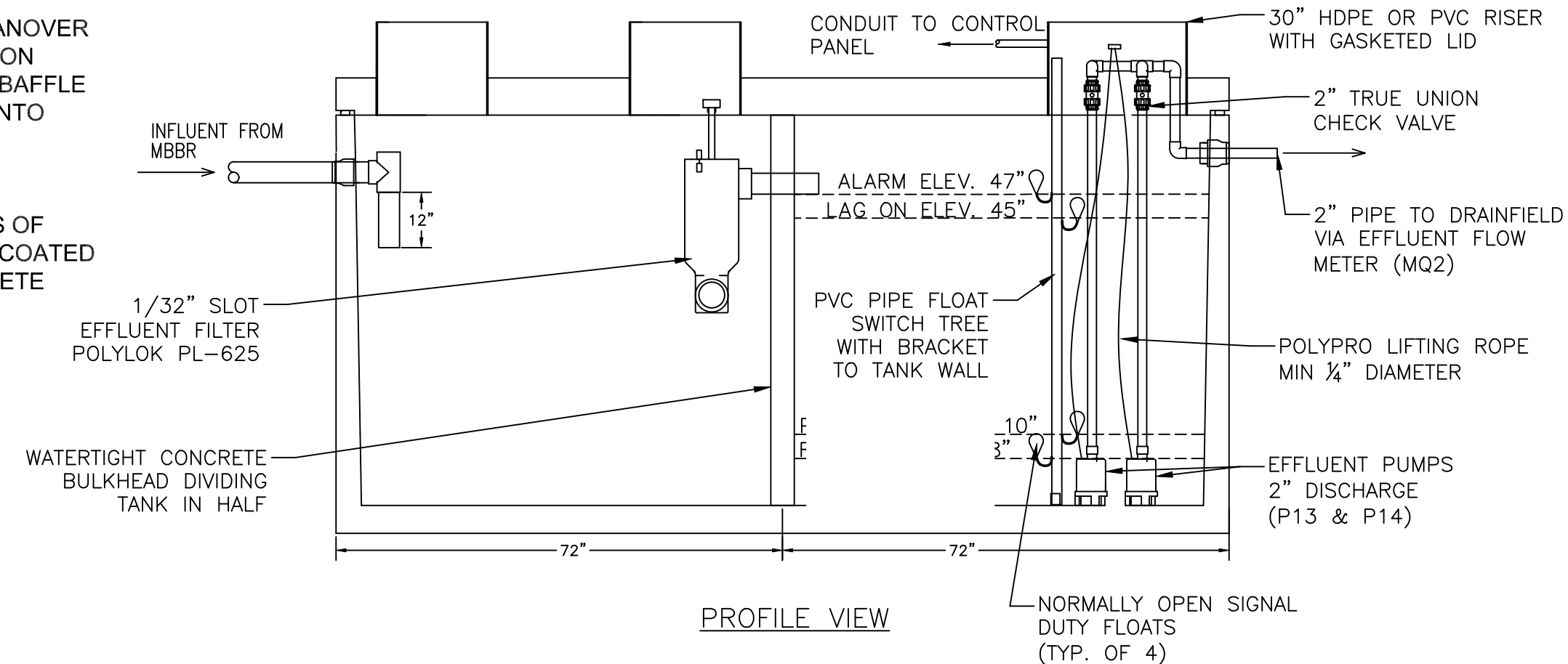
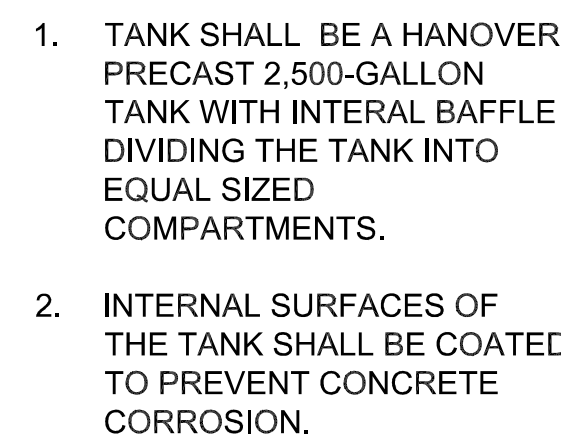
REMOVABLE BALLASTED DIFFUSER ASSEMBLY

EDI PERMACAP 5 COARSE BUBBLE DIFFUSER (TYP. OF 3 PER ASSEMBLY)

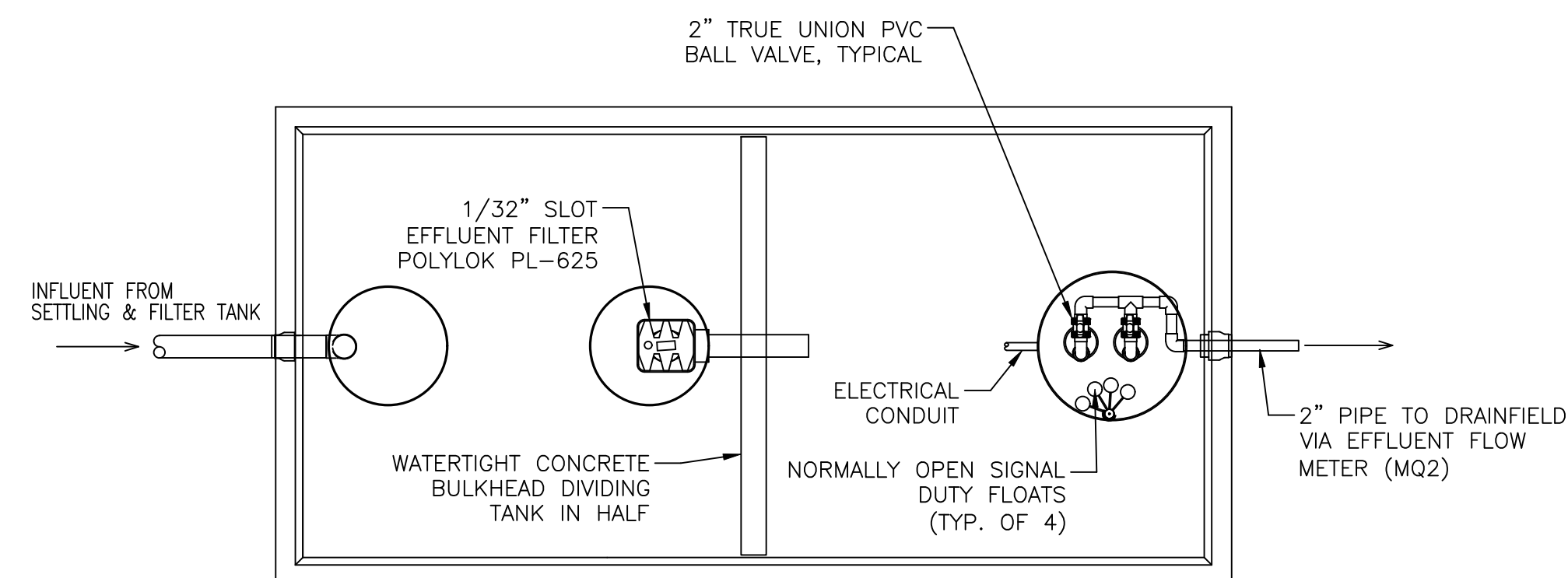
4" PIPE TO EFFLUENT PUMP TANK

PLAN VIEW

DETAIL 19-1
2,500 GALLON CONCRETE MOVING BED BIOREACTOR (MBBR) TANK

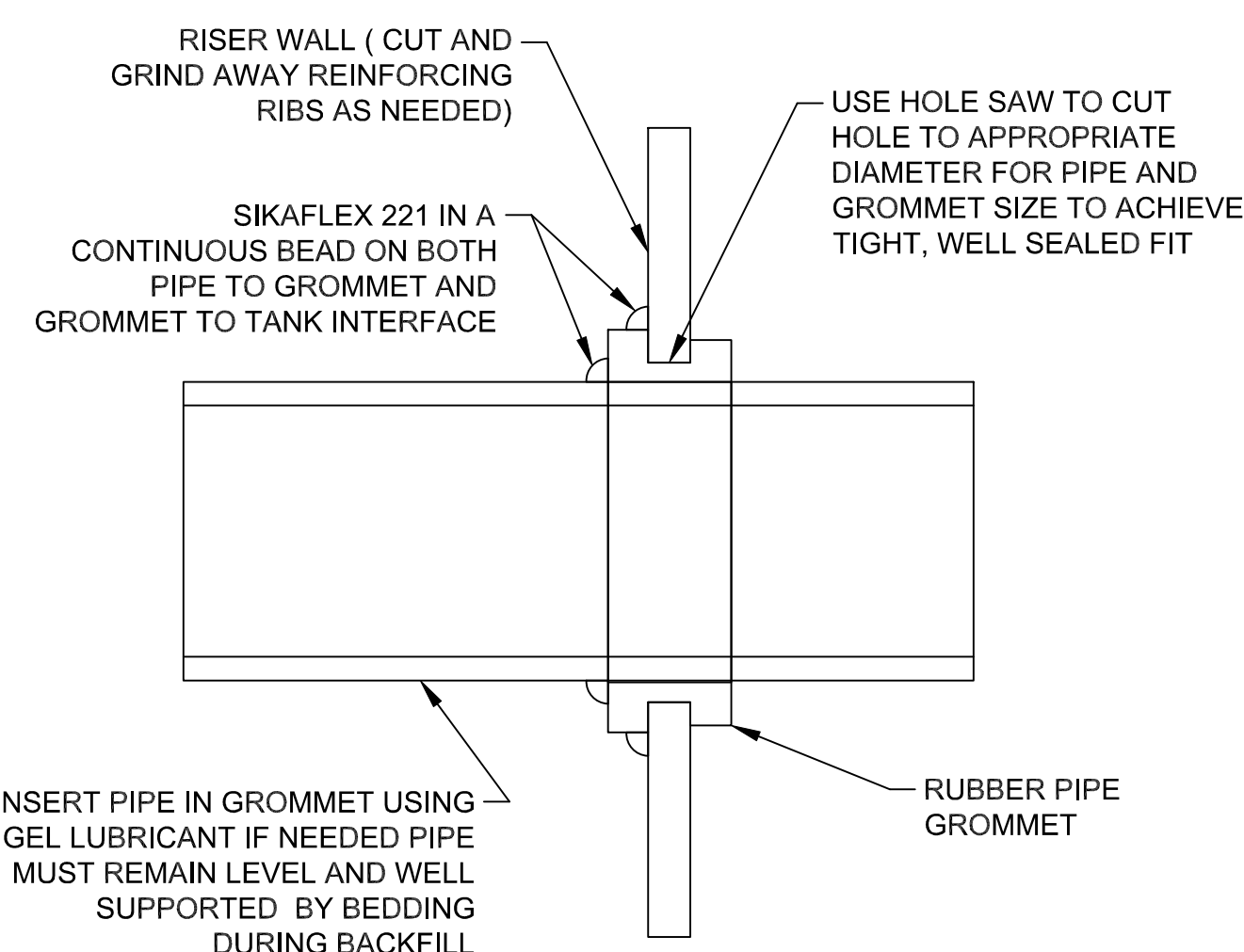


PROFILE VIEW



PLAN VIEW

DETAIL 19-2:
2,500 GALLON CONCRETE SETTLING & EFFLUENT PUMP TANK



DETAIL 19-3
RISER PENETRATION DETAIL (NOT TO SCALE)

[illegible]

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PROJECT LOCATION:
ALBEMARLE COUNTY, VA

DATE: 11/26/2024

DRAWING SCALE: AS NOTED

DRAWN BY:
DESIGNED BY:
CHECKED BY:

CBH
DJM
DJM

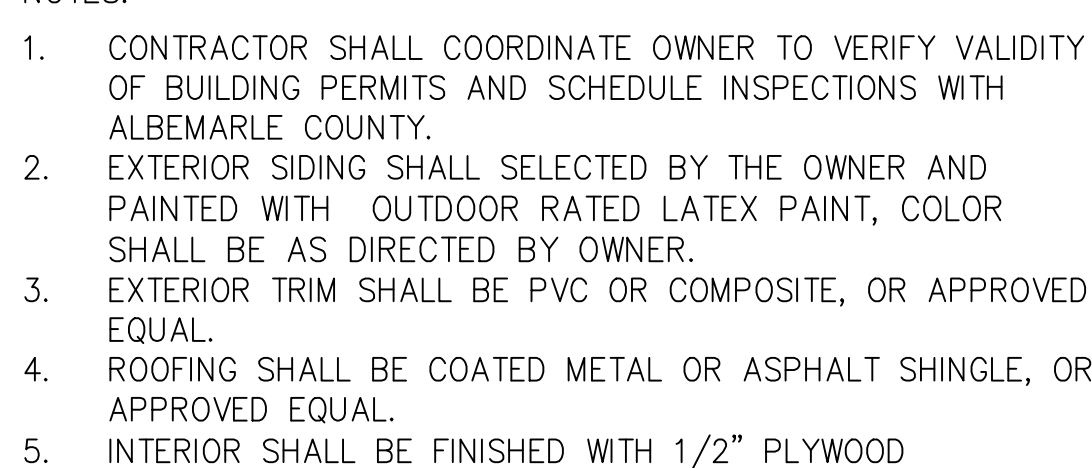
SHEET TITLE

MBBR AND EFFLUENT PUMP TANK DETAILS

1. VAULT SHALL BE CONSTRUCTED FROM 30" DIAMETER PVC ULTRA-RIB PIPE.
2. LID SHALL BE HINGED HATCH.
3. BOTTOM OF VAULT AND ALL PIPE PENETRATIONS SHALL BE WRAPPED IN NON-WOVEN GEOTEXTILE TO PREVENT SOIL INTRUSION. GEOTEXTILE HELD IN PLACE WITH GORILLA-BRAND DUCT TAPE.



1. FLOW METER SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS INCLUDING MINIMUM PIPE RUNS BEFORE AND AFTER THE FLOW METER.
2. VAULT SHALL BE CONSTRUCTED FROM 30" DIAMETER PVC ULTRA-RIB PIPE.
3. LID SHALL BE HINGED ALUMINUM HATCH.
4. ALL PIPE AND FITTING SIZES AS SHOWN IN SCHEMATIC ON SHEET 12.



DETAIL 20-3: BUILDING CONSTRUCTION



DETAIL 20-4: CONTROL BUILDING LAYOUTS



AQUA NOVA
ENGINEERING, PLC.

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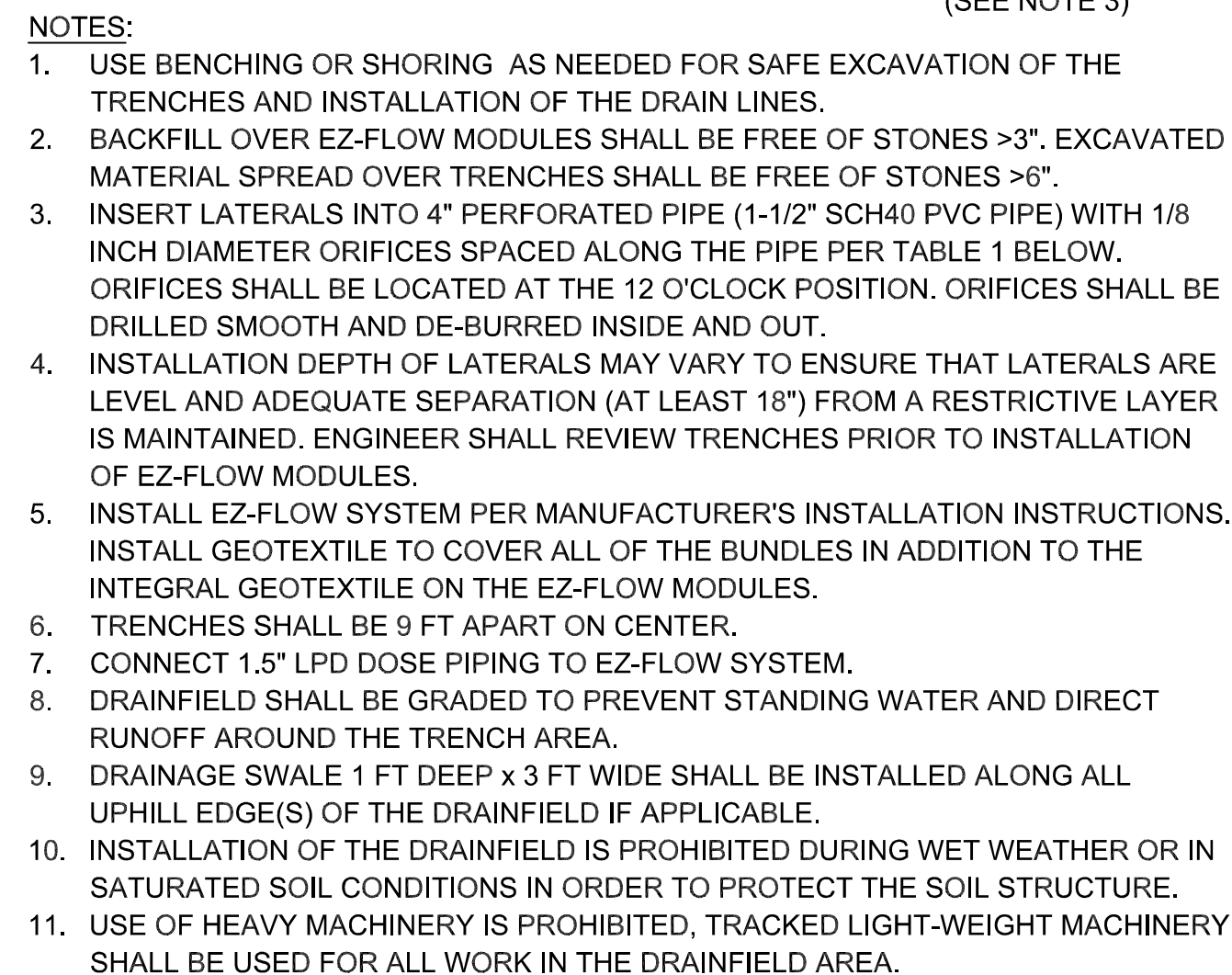
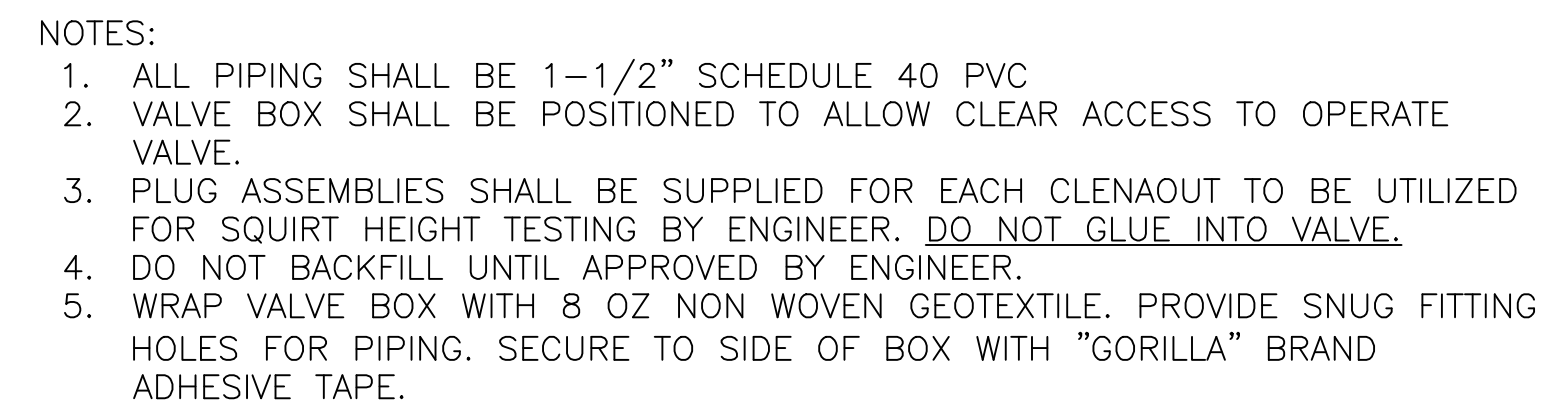
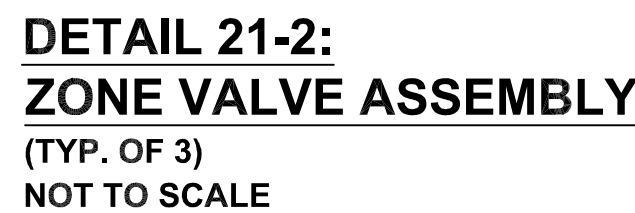
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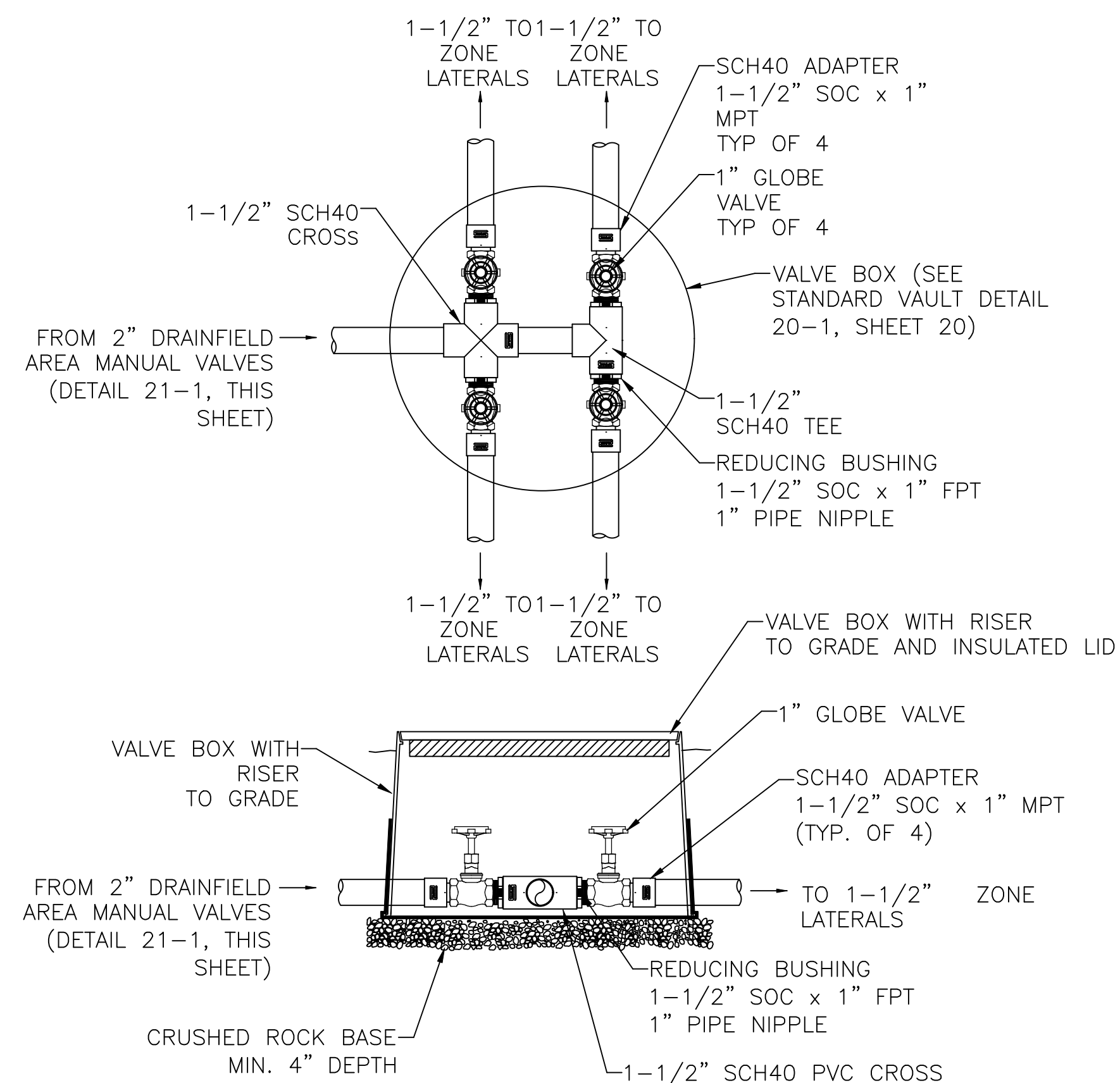
CBH
DJM
DJM

SHEET TITLE

FLOW METER & EQUIPMENT BUILDING DETAILS



PARAMETER	DRAINFIELD A	DRAINFIELD B	DRAINFIELD C
NUMBER OF LATERALS	9	12	8
NUMBER OF ZONES	3	4	4
MINIMUM LATERAL LENGTH	75 Ft	85 Ft	100 Ft
ORIFICE DIAMETER	1/8"		
ORIFICE SPACING	2'-3"	2'-6"	2'-0"
PERCOLATION RATE	65 MPI	90 MPI	60 MPI
HYDRAULIC LOADING RATE	0.94 GPD/SQ.FT.	0.56 GPD/SQ.FT.	0.83 GPD/SQ.FT.
TOTAL TRENCH BOTTOM AREA	2,025 SQ.FT.	3,060 SQ.FT.	2,400 SQ.FT.
ABSORPTION CAPACITY	1,904 GPD	1,714 GPD	1,992 GPD

[illegible]

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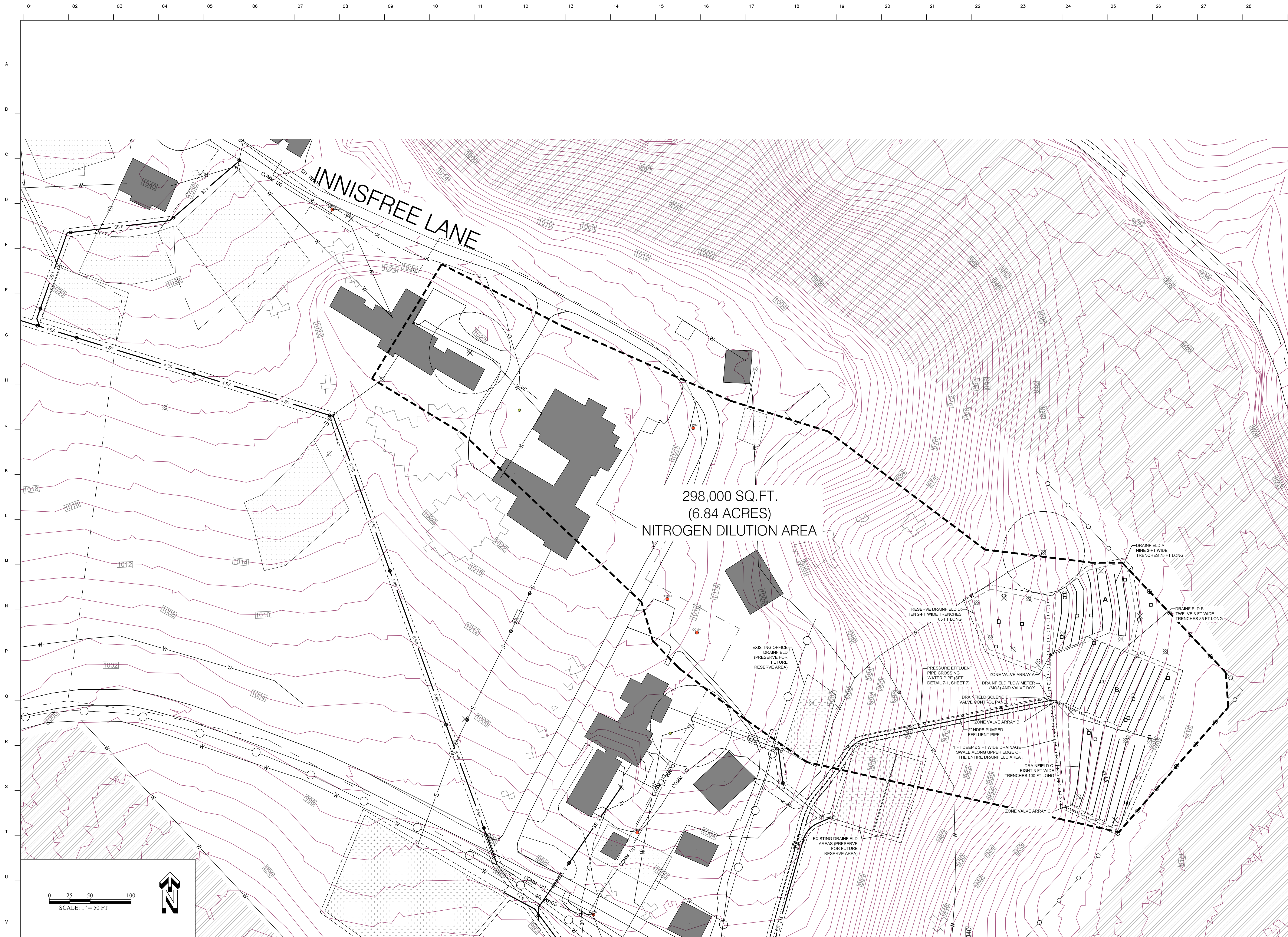
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CBH
DJM
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SHEET TITLE:

DISPERSAL SYSTEM DETAILS

21

[illegible]

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ENGINEERING, PLC.
3452 BLEAK HOUSE RD.
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DRAWING SCALE: AS NOTED

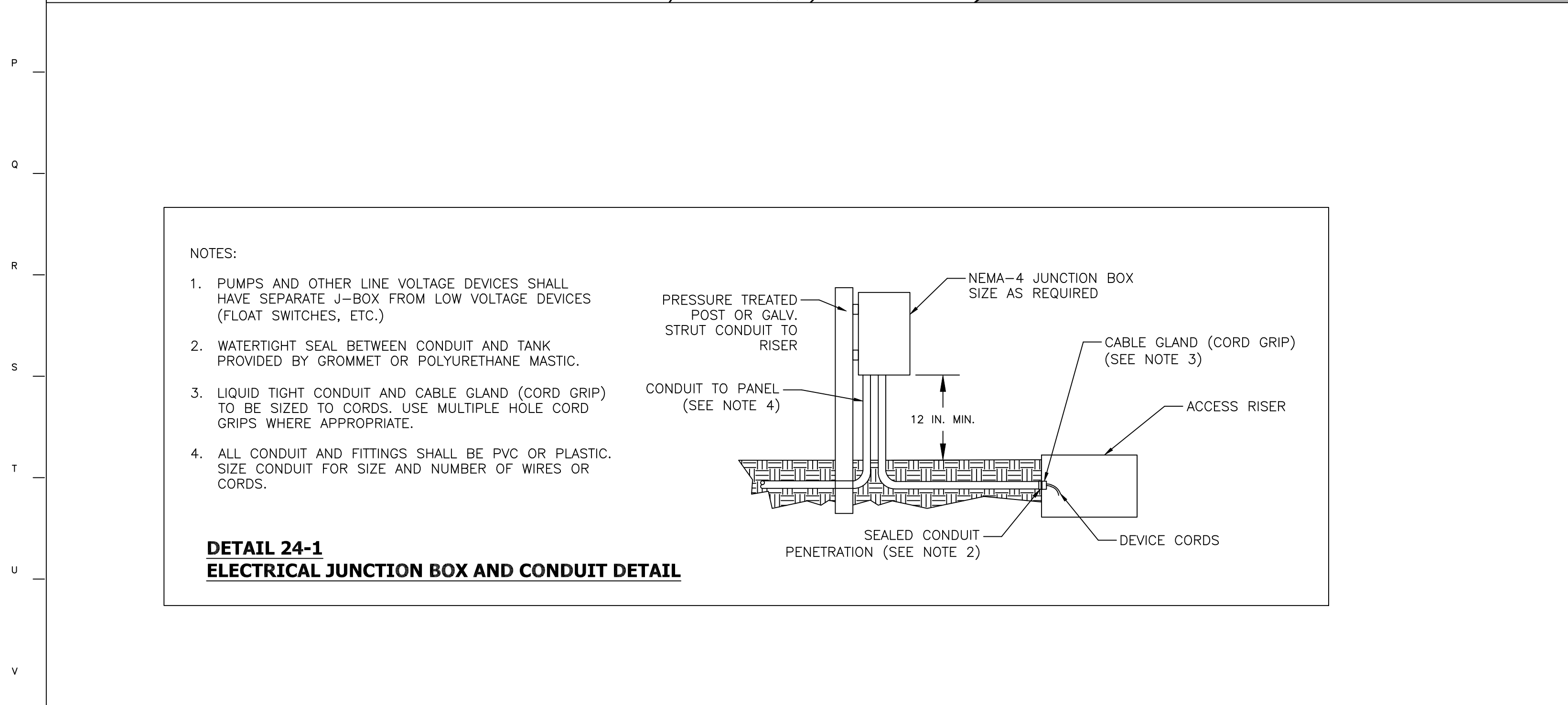
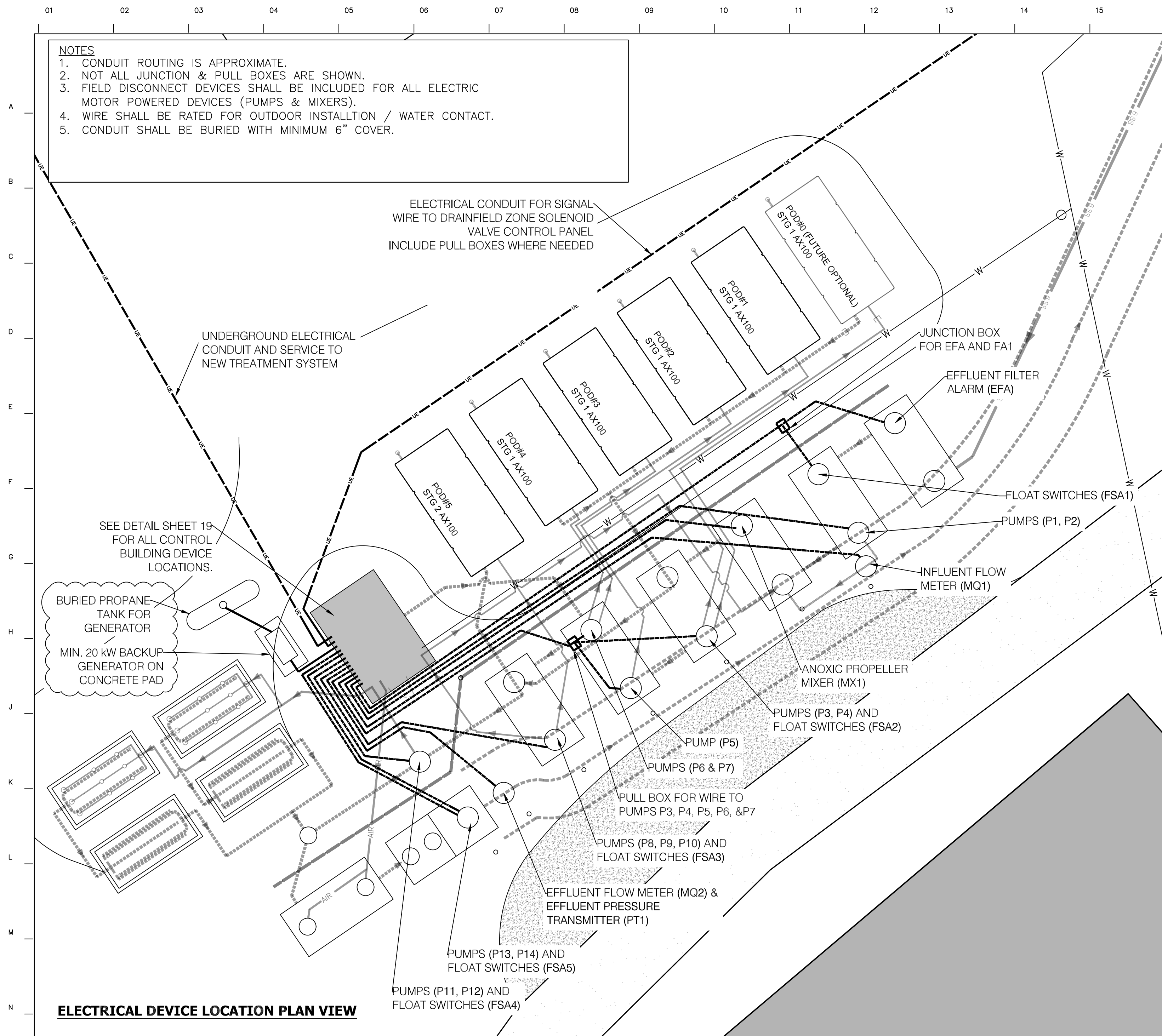
DRAWN BY:
DESIGNED BY:
CHECKED BY:

CBH	
DJM	
DJM	

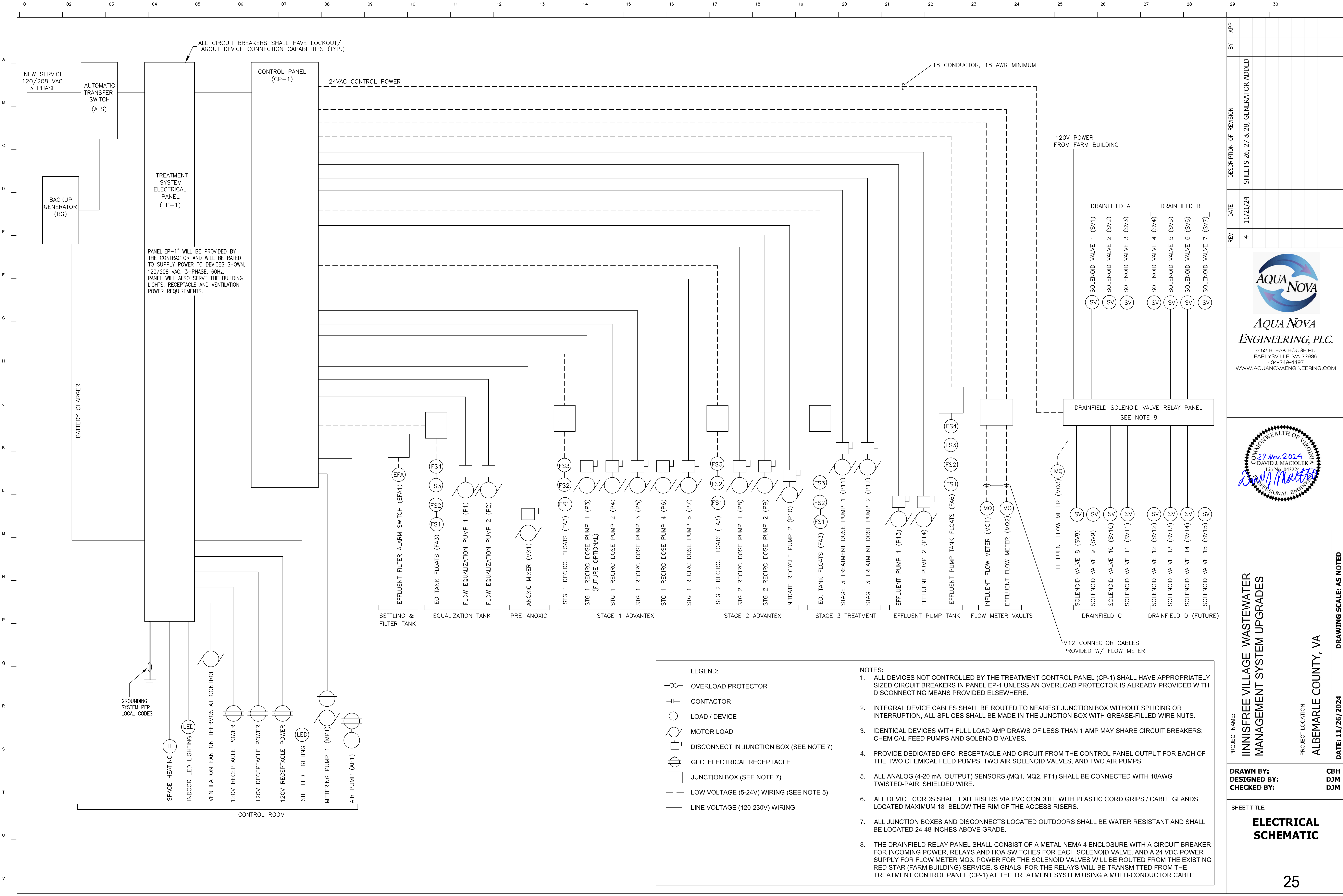
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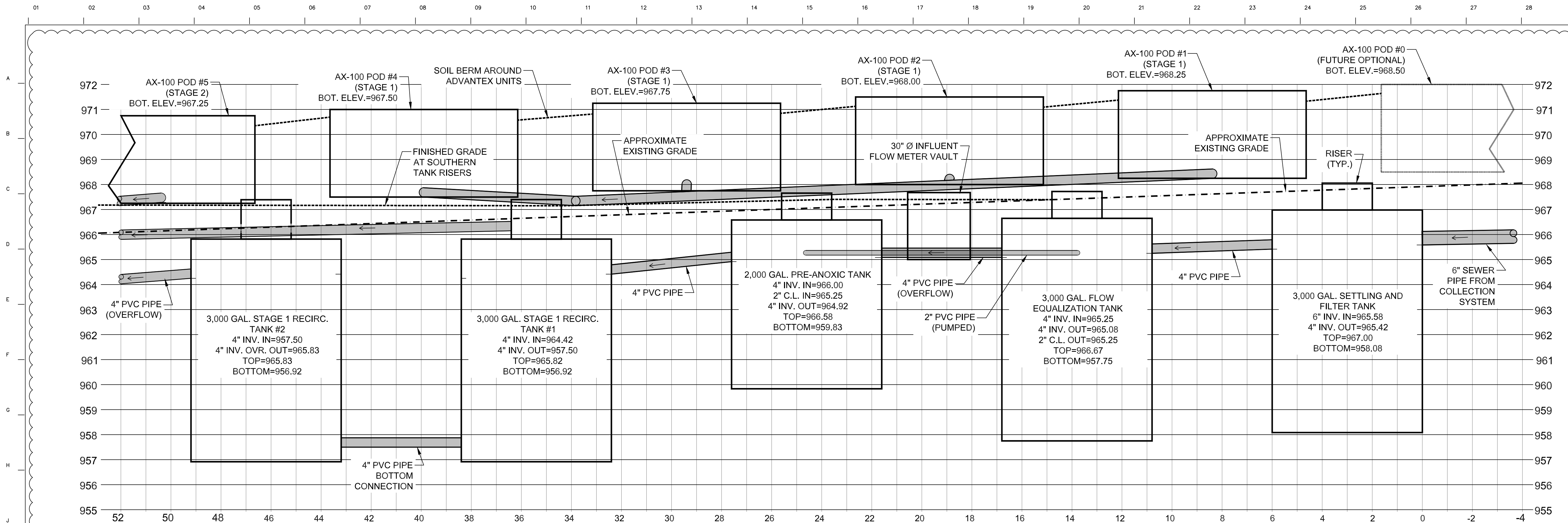
**NITROGEN
DILUTION
MANAGEMENT
AREA**

23



	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Line Voltage Electrical Components															
Incoming power:		120/208 VAC - 3Ø				Bus Rating: 200 A min.			200 A min.			Normal Operation		Backup Power	
Device Tag Name (a)	Description	Location	Manufacturer	Product #	Phase	Power (HP)	Voltage	Full Load Amps (c)	Volt Amps	Full Load Amps (c)	Volt Amps				
BREAKER PANEL (b)	Main Breaker Panel	Control Building			1	-									
Space Heater	Space heater on thermostat control	Control Building	-	-	1	-	120 AC	10.0	1,200	10.0	1,200				
Gen. Batt. Charge	Backup Generator Battery Charger	Generator	-	-	1	-	120 AC	10.0	1,200						
Recep 1	GFCI Dual Electrical Receptacle	Control Building	-	-	1	-	120 AC	15.0	1,800		0				
Recep 2	GFCI Dual Electrical Receptacle	Control Building	-	-	1	-	120 AC	15.0	1,800		0				
Air Pump	Linear Piston Air Pump	Control Building	Alita	AL-300	1	0.1	120 AC	3.0	360	3.0	360				
Vent fan	Exhaust Vent Fan & Thermostat	Control Building	Dayton	484X37 / 6GVX8C	1	0.04	120 AC	0.6	72	0.6	72				
Recep 3 (outdoor)	GFCI Dual Electrical Receptacle	Control Building	-	-	1	-	120 AC	15.0	1,800	15.0	1,800				
Indoor light	Wet-location LED tube light	Control Building	-	-	1	-	120 AC	1.0	120	1.0	120				
Outdoor Light	Dual LED flood light, wall mount	Control Building	-	-	1	-	120 AC	1.0	120	1.0	120				
CONTROL PANEL (c)	Main PLC and I/O module	Control Building	-	-	1	1	120 AC	2.0	240	2.0	240				
P1	Flow Eq. Pump 1	Flow Equalization Tank	Little Giant	95C-CIM	1	2/5	120 AC	8.0	960	8.0	960				
P2	Flow Eq. Pump 1	Flow Equalization Tank	Little Giant	95C-CIM	1	2/5	120 AC	8.0	960		0				
MX1	Propeller Mixer	Pre-Anoxic Tank	Power House	P500	1	1/4	120 AC	5.0	600	5.0	600				
P3	Stage 1 Recirculation Pump 1	Stage 1 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765	4.9	1,765				
P4	Stage 1 Recirculation Pump 2	Stage 1 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765	4.9	1,765				
P5	Stage 1 Recirculation Pump 3	Stage 1 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765		0				
P6	Stage 1 Recirculation Pump 4	Stage 1 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765		0				
P7 (future)	Stage 1 Recirculation Pump 5 (future)	Stage 1 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765		0				
P8	Stage 2 Recirculation Pump 1	Stage 2 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765	4.9	1,765				
P9	Stage 2 Recirculation Pump 2	Stage 2 Recirculation Tank	OSI	PF50073200-30	3	3/4	208 AC	4.9	1,765		0				
P10	Stage 2 Nitrate Recycle Pump	Stage 2 Recirculation Tank	OSI	PF100511-30	1	1/2	120 AC	12.7	1,524	12.7	1,524				
P11	Stage 3 Treatment Dosing Pump 1	Stage 3 Treat. Dose Tank	Liberty	FL73M-2	3	3/4	208 AC	7.5	2,702	7.5	2,702				
P12	Stage 3 Treatment Dosing Pump 2	Stage 3 Treat. Dose Tank	Liberty	FL73M-2	3	3/4	208 AC	7.5	2,702		0				
P13	Effluent Pump 1	Effluent Pump Basin	Liberty	FL73M-2	3	3/4	208 AC	7.5	2,702	7.5	2,702				
P14	Effluent Pump 2	Effluent Pump Basin	Liberty	FL73M-2	3	3/4	208 AC	7.5	2,702		0				
MP1	Metering Pump - Alkalinity Feed	Control Building	Stenner	85MJH2A											

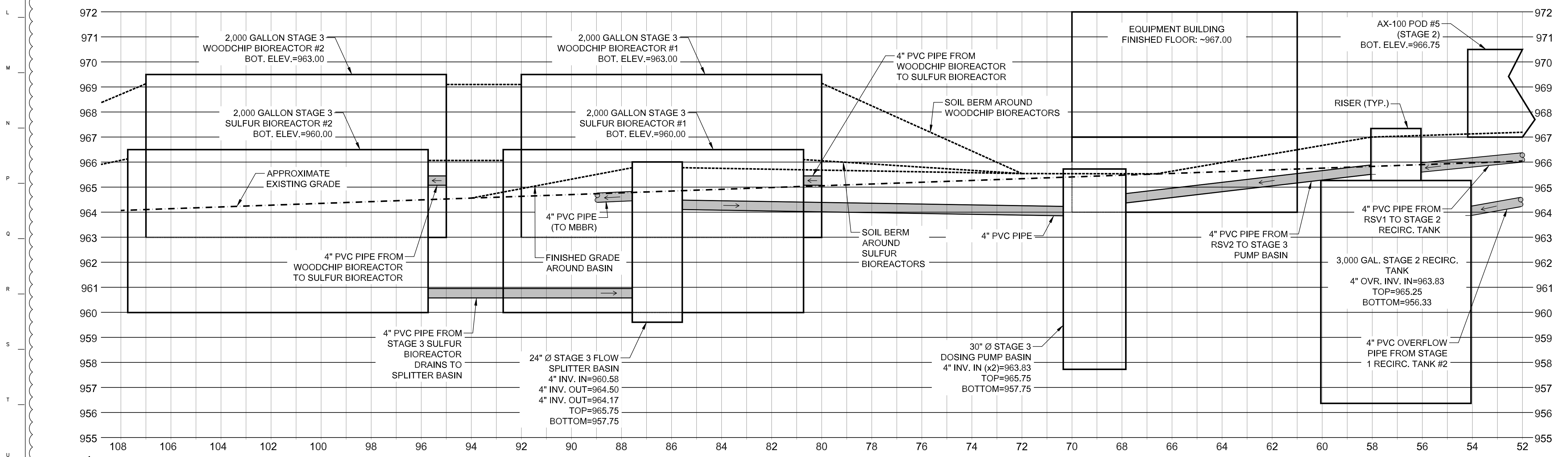




DETAIL 26-1: SYSTEM HYDRAULIC PROFILE - ACROSS THE TANKS - PART 1

HORIZONTAL SCALE: 1 INCH = 2 FT

NOTE: FOR CLARITY, NOT ALL PIPING AND PENETRATIONS ARE SHOWN. REFER TO PROCESS SCHEMATIC ON SHEET 12 AND LAYOUT ON SHEET 14 FOR DETAILS. ELEVATIONS VALUES ARE APPROXIMATE AND INTENDED TO ILLUSTRATE RELATIVE SLOPE AND POSITION OF PIPING AND TANKS. FIELD VERIFY.



DETAIL 26-2: SYSTEM HYDRAULIC PROFILE - ACROSS THE TANKS - PART 2

HORIZONTAL SCALE: 1 INCH = 2 FT

AQUA NOVA
ENGINEERING, P.L.C.
3452 BLEAK HOUSE RD.
EARLYSVILLE, VA 22936
434-249-4497
WWW.AQUANOVAENGINEERING.COM

COMMONWEALTH OF VIRGINIA
27 Nov 2024
DAVID J. MACIOLEK
Lic No. 043324
Professional Engineer

PROJECT NAME: IINISFREE VILLAGE WASTEWATER MANAGEMENT SYSTEM UPGRADES
PROJECT LOCATION: ALBEMARLE COUNTY, VA
DATE: 11/26/2024
DRAWING SCALE: AS NOTED
DRAWN BY: CBH
DESIGNED BY: DJM
CHECKED BY: DJM
SHEET TITLE: TREATMENT SYSTEM HYDRAULIC PROFILE -ACROSS
26

