



ADDENDUM #1
WOLF VALLEY CONVENIENCE CENTER PROJECT
ANDERSON COUNTY, TENNESSEE
BID NUMBER 2206
RGC Project Number 20702
Issued August 27, 2021 for Bid on September 2, 2021

The purpose of the subject Addendum No. 1 is to make certain changes and clarifications in the Specifications and Bidding Documents for the above referenced project, and to answer questions that have been asked.

Plan Sheets:

- 1) Sheet 4 (Revised water service)
- 2) Sheet 5 (Revised water service)
- 3) Sheet 10 (Revised pump details)
- 4) Sheet 11 (Removed backflow Preventer)

Contract Documents:

- 1) Bid Schedule

(Removed ¾" water line, added line items for sewer connection, added line item for new ¾" water service)

Questions:

1. Can additional information on septic tank be provide? *The detail labeled as "oil-water separator" is the septic tank, they are the same structure.*
2. Is the proposed building a part of this contract? If so can additional information be provided. *No, the proposed building is not a part of this contract.*
3. What is the material of the existing 8" Force Main? *PVC*

4. Item No 701-02 has two items associated with it. Is this correct? ***701-02 Concrete Pads 8" Thick (normal duty) has been corrected to 701-01.02 Concrete Pads 6" Thick (normal duty). 701-02 Concrete Pads (heavy duty) has been corrected to 501-01.01 Concrete Pads 8" (heavy duty). These details can also be seen on Sheet #8 of the plans.***

5. Item No 797-05 has two items associated with it. Is this correct? ***These have both been changed to Item No 797-05.79: __ in PVC Gravity Sewer 0-6 ft depth. One is 4" and one is 6".***

6. What is the thickness of the heavy duty pad (Item No 701-02)? ***8" – this is also noted in the detail on Sheet #8 of the plans.***

7. There are two different grinder pumps listed on sheet no. 10. Which one controls? ***DH071***

8. How many LF of Force Main will the contractor need to let drain when we cut in the new Force Main Valve. ***This will be coordinated with Anderson County Water Authority.***

9. The backflow preventor detail seems to indicate that a specific FRP enclosure is wanted but the note associated with the Enclosure only lists the type of backflow preventor. ***The backflow preventor is not needed for this project and has been removed from Sheet 11.***

10. Will the existing water service be used for the control building? ***CUB will provide a tap on the existing 6" line across the road and install new 3/4" service line and meter assembly. A cost of \$3,500 is to be included in the bid price.***

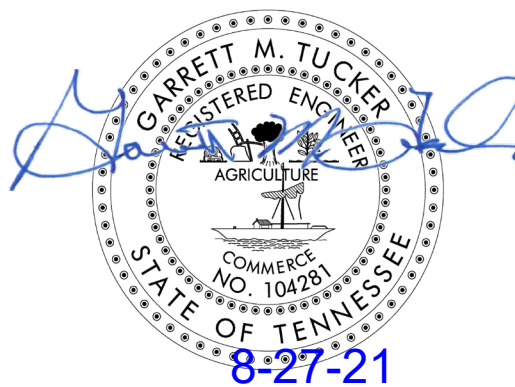
11. Concrete Bulk Waste Concrete Pad – does it have a curb and or turn down at edge of slab (all 4 sides?). Can you refer to a detail? ***Yes, all four sides. See details on Sheet 10.***

12. Steel plate embed on the dumpster pad calls for 1 ½ " x 4". My supplier says he cannot source. Can smaller ones work or can use bolt (cut off the tread) be used? ***Bolts no smaller than 1" x 4" will be acceptable.***

13. Concrete Suppliers are asking for a design of the concrete mix? ***A typical mix design has been provided on revised Sheet 10. Shop drawing approval will be required for concrete and rebar.***
14. Is an existing sewer tap available off the 6" force main or will a new tap be necessary? ***A new tap will be needed.***
15. What kind of light poles are to be installed, do they need to be set with concrete footers with electrical conduit and wire? ***Light details can be found on the electrical site plan including concrete base detail. Electrical conduit and wire are to be run to the poles. Lights are to be equipped with photometric cells to turn them on at dark and off again at daylight.***
16. Do the electrical connections need to be made to the compactors, building, sewer pump, and lights? ***The conduit needs to be installed and wire pulled for the compactors and the building, sewer pump, an lights. Waste Connections will connect the compactors and the inside control switches, and the County will be responsible for the connection from the stub up into the building. The sewer pump and lights should be connected by the contractor.***
17. The specifications mention a geotechnical report, is one available? ***No, a geotechnical report has not been prepared.***
18. Is there a wage rate requirement? ***No***
19. What kind of privacy screening is necessary for the fence?
***Ball Fabrics Extreme Screen 80% Knitted Polyethylene or equal:
Material Weight of 12.5 oz. Per Square Yard (ASTM-D3776)
Hems 1.25" Wide 3-Ply Reinforced with 18 oz Vinyl Around All 4 Sides
#2 Brass Grommets Every 12" Around All 4 Sides, Triple Grommeted Corners***
20. Is privacy screening required around the full perimeter? ***Yes***
21. When is construction anticipated to start? ***As early as October 2021.***
22. What are the number of days in the contract? ***180 days***
23. Is the Anderson County Conflict of Interest certification required? ***Yes, this was provided at the meeting.***

24. There are long delivery times on some materials. Can the contract days be extended due to extended waiting times? Is there any way to allow for price increases on materials such as PVC, concrete, and asphalt paving? ***If substantial completion is not possible due to availability of the materials, then the contract days can be temporarily stopped as needed to allow for deliveries. Bid prices should allow for potential increases in material costs.***
25. Is compaction testing required, should be included in the bid price? ***Yes, include this cost in the bid price and submit testing results.***
26. What items are included in “removal of obstructions”. ***The existing building and pad are in the process of being removed, so this will include the include the existing fence, gate, and utility pole.***
27. Wet well detail – is this part of the pump detail or separate? ***The wet well is included as part of the Environment One pump package.***
28. Proposal for RGCA to do some staking. ***RGCA can provide construction staking. The cost can vary depending on contractor needs and number of visits required. Our anticipated maximum fee is \$3,500, assuming three field visits plus office preparation time. An AutoCAD file and survey control information will be provided with no fee.***
29. Are the skid pads required on the recycle pad or just the four compactor pads? ***All five compactor pads should have the steel skid pads installed.***
30. Concerning the sewer tap; will the County pay the tap fee and then the provider install the tap? Usually, providers don't want contractors performing taps. ***We agree that it would be best for the utility provider to provide the tap. However, ACWA would not commit at this time to making the tap, so a line item has been provided to work either way.***
31. Concerning the 30 CY of grouted rubble stone rip rap, is the quantity for grout or grout and stone? ***This would be the total volume of stone and rip-rap. Rip-rap could be installed and then grouted with leftover concrete from the pads.***
32. Confirm that the existing fencing, overhead power and building foundations will be removed prior to award. ***The building and foundation will be removed. The overhead power, fencing, and other miscellaneous obstructions are to be removed as part of the contract.***

33. The water service for the existing structure is located on the SW side of the entrance; it appears it may be outside the proposed entrance. Can it be used to service the site? If not, will it be removed by the provider? (There is an AT&T FO cable adjacent to the site and it may help to avoid a conflict if the closer meter can be used). ***See response to question #10. The new water service connection will be made by CUB. Existing water services will be abandoned by CUB.***
34. There was a notice posted at the site for a rezoning meeting on 9/21. Is that just a formality? ***The county is rezoning the property from Commercial to I-2, it is mostly a formality.***



END OF ADDENDUM

**WOLF VALLEY CONVENIENCE CENTER
ANDERSON COUNTY SOLID WASTE
EAST WOLF VALLEY ROAD
BID SCHEDULE**

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>EST. QTY.</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
105-01	CONSTRUCTION STAKES, LINES, AND GRADES	LS	1		
201-01	CLEARING AND GRUBBING	LS	1		
202-01	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LS	1		
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	2000		
203-04	PLACING AND SPREADING TOPSOIL	C.Y.	1120		
203-04.02	STRIPPING & STOCKPILE TOPSOIL	C.Y.	1120		
203-05	UNDERCUTTING	C.Y.	500		
209-99.91	EROSION CONTROL	LS	1		
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D (8" THICK)	TONS	2213		
307-01.08	ASPHALTIC CONCRETE MIX (PG64-22) (BPMB-HM) (3" THICK)	TONS	762		
411-02.11	ACS MIX (PG64-22) GRADING E (2" THICK)	TONS	483		
501-01.01	CONCRETE PADS 8" (HEAVY DUTY)	S.Y.	432		
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	34		
607-02.30	15" HDPE	L.F.	61		
610-10.45	COMPACTOR DRAINS	EA	4		
611-05.01	TRENCH DRAIN	L.F.	68		
611-07.31	18" ENDWALL	EA	1		
611-07.51	15" ENDWALL	EA	2		
611-12.01	CATCH BASINS, TYPE 12, > 0' - 4' DEPTH	EA	2		
730-05.01	ELECTRICAL WORK – INSTALLED COMPLETE	LS	1		
701-01.02	CONCRETE PADS 6" THICK (NORMAL DUTY)	S.F.	591		
702-01.02	CONCRETE CURB	L.F.	1100		
707-01.11	CHAIN LINK FENCE (6 FOOT)	L.F.	1050		
707-01.13	GATE – CHAIN-LINK FENCE-6 FOOT (28' & 40')	EA	2		
709-02.01	RUBBLE STONE RIP-RAP (GROUTED)	C.Y.	30		
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100		
713-16.20	SIGNS (STOP)	EA	1		
713-16.21	SIGNS (HANDICAP)	EA	1		
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EA	2		
716-13.02	6" SPRAY THERMO PAVEMENT MARKING	LM	0.08		
716-04.10	PLASTIC PAVEMENT MARKING (HANDICAP SYMBOL)	EA	1		
717-01	MOBILIZATION	LS	1		
795-09.14	3/4 IN HDPE WATER SERVICE LINE & TAP	EA	1		
795-03.08	12" PVC	L.F.	23		
797-03.04	2" PVC FORCE MAIN	L.F.	113		
797-05.79	6" PVC GRAVITY SEWER 0FT – 6FT DEPTH	L.F.	194		
797-05.79	4" PVC GRAVITY SEWER 0FT – 6FT DEPTH	L.F.	92		
797-08.07	4" CLEAN OUT ASSEMBLY	EA	5		
797-10.31	GRINDER PUMP & SEPTIC TANK	EA	1		
797-10.41	CONNECT 2IN PVC FM TO EXISTING SEWER LINE	EA	1		
801-01	SEEDING (WITH MULCH)	UNIT	60		
801-03	WATER (SEEDING & SODDING)	M.G.	6		
920-18.05	OUTLET STRUCTURE ASSEMBLY	EACH	1		
TOTAL BID \$					

(TOTAL IN WORDS)

Respectfully submitted:

Bidder:

By:

(Signature)

**WOLF VALLEY CONVENIENCE CENTER
ANDERSON COUNTY SOLID WASTE
EAST WOLF VALLEY ROAD
BID SCHEDULE**

Bidder's Address:

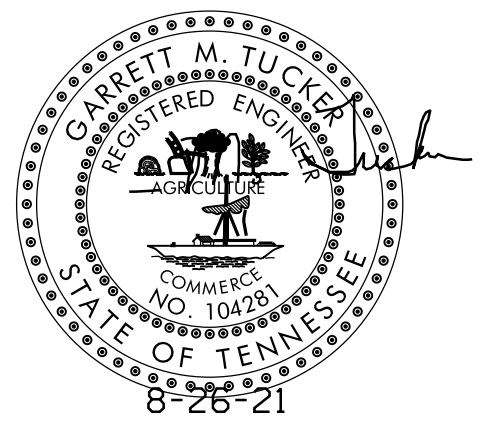
Telephone Number: _____

Fax Number: _____

SEAL (If BID is by Corporation)

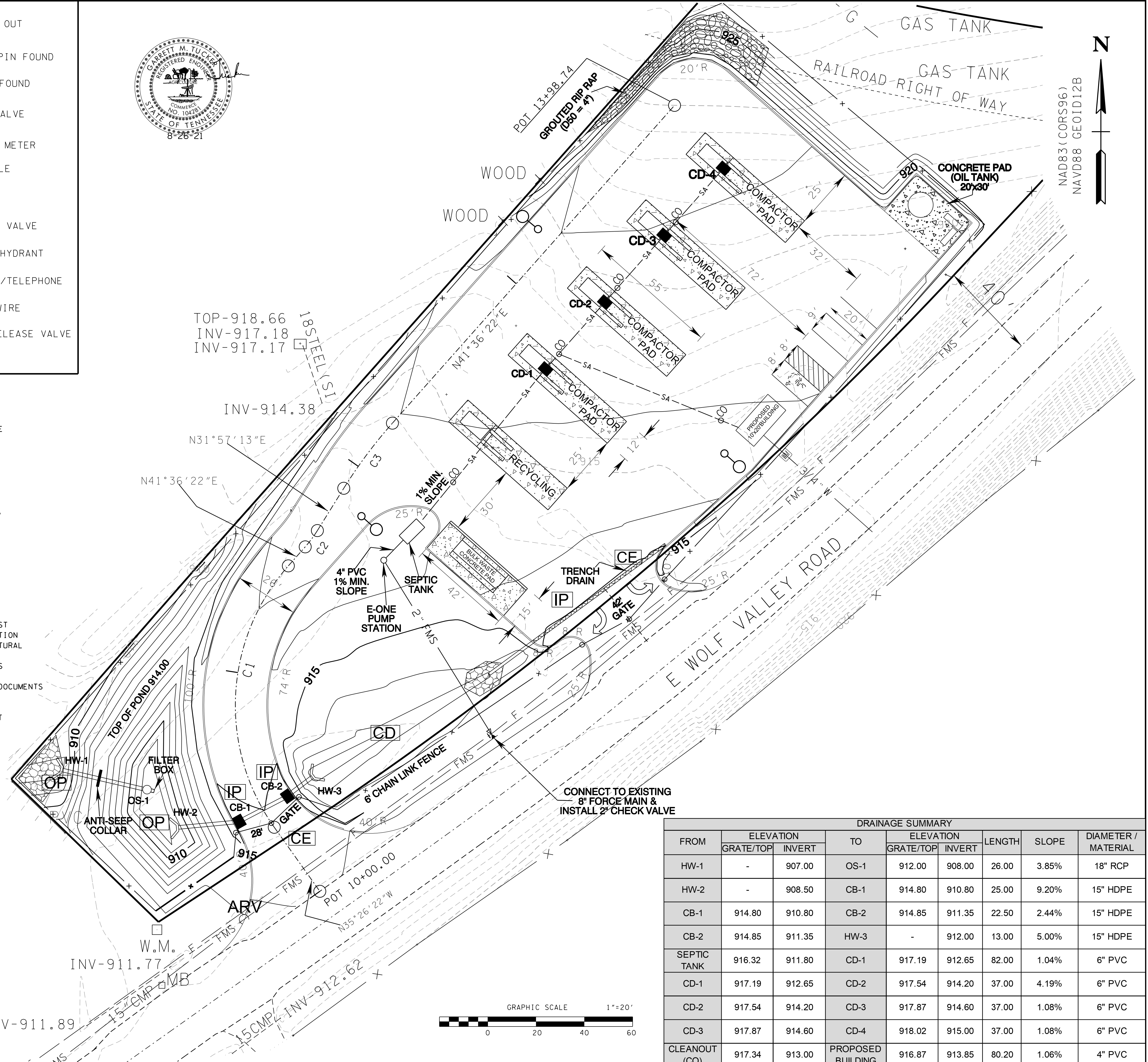
Attest _____

LEGEND			
CD	COMPACTOR DRAIN		CLEAN OUT
SF * SF * SF	SILT FENCE		IRON PIN FOUND
	CONSTRUCTION EXIT		PIPE FOUND
	STORM DRAIN INLET PROTECTION		GAS VALVE
	STORM DRAIN OUTLET PROTECTION		WATER METER
	OVERLAND DRAINAGE PATTERN		MANHOLE
	EROSION CONTROL MATTING		SIGN
	ROCK CHECK DAM		WATER VALVE
	EXISTING GRADE		FIRE HYDRANT
	PROPOSED GRADE		POWER/TELEPHONE
	CHAIN LINK FENCE (PROPOSED)		GUY WIRE
	FIBER OPTIC LINE		AIR RELEASE VALVE
	FORCE MAIN (EXISTING)		
	WATER LINE (PROPOSED)		
	FORCE MAIN (PROPOSED)		



- NOTES:
- ALL EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES IDENTIFIED IN THIS SWPPP WILL BE INSTALLED AS RECOMMENDED IN THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK.
 - TOPSOIL WILL BE REMOVED AND EITHER TEMPORARILY STOCKPILED FOR LATER REDISTRIBUTION OR IMMEDIATELY UTILIZED FOR FINAL COVER. CLEARING AND GRUBBING WILL BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION. TOPSOIL PILES WILL BE TEMPORARILY SEEDED.
 - SEDIMENT WILL BE REMOVED FROM SILT FENCE, ROCK CHECK DAMS, HAY BALE TRAPS, AND TEMPORARY SEDIMENT TRAPS BEFORE THE DESIGN CAPACITY OF THE STRUCTURE HAS BEEN REDUCED BY 50%. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER WILL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES. AFTER USE, SILT FENCES WILL BE REMOVED TO PREVENT THEM FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT WILL BE REPLACED AT THE END OF THE WORKDAY.
 - IN ACCORDANCE WITH THE TNCOP, INSPECTIONS WILL BE PERFORMED BY QUALIFIED PERSONNEL AT LEAST TWICE EVERY CALENDAR WEEK. INSPECTIONS WILL BE AT LEAST 72 HOURS APART. INSPECTIONS WILL INCLUDE DISTURBED AREAS OF THE CONSTRUCTION SITE, AREAS USED FOR STORAGE OF MATERIALS EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER AND EXIST THE SITE, AND EACH OUTFALL POINT. BASED ON INSPECTION RESULTS, MODIFICATIONS OR REPAIRS TO EXISTING CONTROL MEASURES WILL BE MADE BEFORE THE NEXT RAIN EVENT IF POSSIBLE, BUT WITHIN 7 DAYS AFTER THE NEED IS IDENTIFIED. INSPECTION DOCUMENTS WILL BE MAINTAINED ON SITE AND MADE AVAILABLE UPON REQUEST.
 - STABILIZATION WILL BE ACCOMPLISHED AS SOON AS PRACTICABLE AFTER ATTAINMENT OF FINAL GRADE AND NO LATER THAN SEVEN DAYS AFTER ATTAINING FINAL GRADE. WHERE EARTH-DISTURBING ACTIVITY HAS TEMPORARILY CEASED, TEMPORARY STABILIZATION WILL BE APPLIED WITHIN SEVEN DAYS IF THE ACTIVITY WILL NOT RESUME WITHIN 15 DAYS. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND THE DATES WHEN STABILIZATION MEASURES ARE INITIATED WILL BE RECORDED AND MAINTAINED ON THE SITE. STABILIZATION METHODS MAY INCLUDE SEED AND MULCH, OR SEED AND EROSION CONTROL BLANKETS.

- CONSTRUCTION SEQUENCE
- GRADE DETENTION POND, INSTALL OUTLET STRUCTURE. SEED & STABILIZE SLOPES.
 - ROUGH GRADE ACCESS ROAD AND BUILDING PADS.
 - PAVE ACCESS ROADS, CONCRETE COMPACTOR PADS.
 - INSTALL UTILITIES.
 - SEED ALL DISTURBED AREAS FOR PERMANENT VEGETATION.



DRAINAGE SUMMARY								
FROM	ELEVATION		TO	ELEVATION		LENGTH	SLOPE	DIAMETER / MATERIAL
	GRATE/TOP	INVERT		GRATE/TOP	INVERT			
HW-1	-	907.00	OS-1	912.00	908.00	26.00	3.85%	18" RCP
HW-2	-	908.50	CB-1	914.80	910.80	25.00	9.20%	15" HDPE
CB-1	914.80	910.80	CB-2	914.85	911.35	22.50	2.44%	15" HDPE
CB-2	914.85	911.35	HW-3	-	912.00	13.00	5.00%	15" HDPE
SEPTIC TANK	916.32	911.80	CD-1	917.19	912.65	82.00	1.04%	6" PVC
CD-1	917.19	912.65	CD-2	917.54	914.20	37.00	4.19%	6" PVC
CD-2	917.54	914.20	CD-3	917.87	914.60	37.00	1.08%	6" PVC
CD-3	917.87	914.60	CD-4	918.02	915.00	37.00	1.08%	6" PVC
CLEANOUT (CO)	917.34	913.00	PROPOSED BUILDING	916.87	913.85	80.20	1.06%	4" PVC

NO.	DATE	DESCRIPTION	BY	CKD.
		REVISIONS		

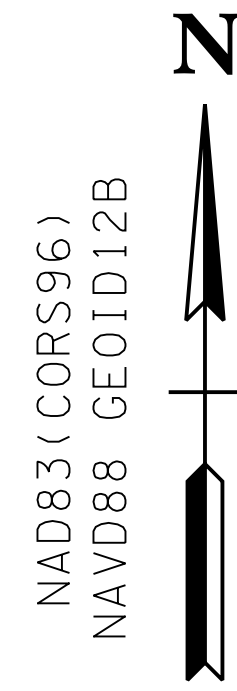
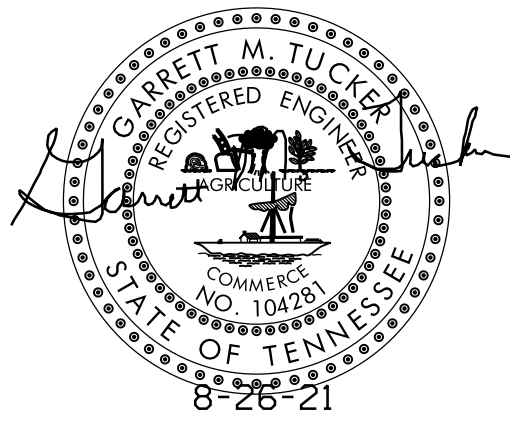
ROBERT G. CAMPBELL & ASSOC., L.P.
CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE

ANDERSON COUNTY SOLID WASTE
WOLF VALLEY ROAD CONVENIENCE CENTER

SWPPP - STAGE 2 - GRADING PLAN
EROSION & SEDIMENT CONTROL PLAN

DESIGNED BY: SAF
CHECKED BY: GMT
SCALE: 1" = 20'
DRAWN BY: SAF
DATE: 8-28-21
FILE NO.: 20702
SHEET NO. 4 OF 11 SHEETS

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IRONS
D-16/917

SURVEY FOR JIM
IRONS
PLAT BOOK 9 PAGE
121D
1348/3378

SURVEY FOR JIM
IRONS
PLAT BOOK 9 PAGE
121D 9 PAGE
1617/1675

- NOTES:
- 1) EXISTING MONUMENTS AS SHOWN. ALL OTHERS SET BY RGC&A.
 - 2) EXISTING CONTOURS FROM TOPOGRAPHIC SURVEY. (NAVD 1988)
 - 3) LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES NOT SHOWN. PRIOR TO ANY EXCAVATION, THE OWNER AND/OR CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LOCAL UTILITY AUTHORITIES FOR EXACT LOCATIONS AND DEPTHS.
 - 4) CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY PRACTICES.
 - 5) EROSION CONTROL MEASURES SHOWN ON OTHER SHEETS ARE A MINIMUM. THE CONTRACTOR IS RESPONSIBLE FOR CONTROL OF EROSION ON SITE. ADDITIONAL ITEMS MAY BE REQUIRED.
 - 6) a. APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND FINAL GRADING OF EXPOSED SURFACES IS TO BE COMPLETED WITHIN ONE YEAR.
b. APPLY TEMPORARY SEEDING TO SOIL STOCKPILES.
c. APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.
 - 7) THE CONTRACTOR SHALL HAVE A STAMPED AND SIGNED COPY OF THIS PLAN ON SITE AT ALL TIMES DURING CONSTRUCTION
 - 8) NO SLOPES SHALL BE STEEPER THAN 2H:1V

LEGEND

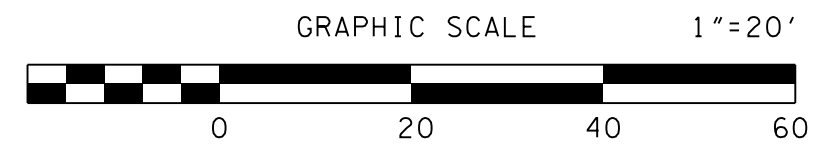
LEGEND

- ARV AIR RELEASE VALVE
- CD COMPACTOR DRAIN
- EIP IRON PIN FOUND
- PIPE PIPE FOUND
- G.V. GAS VALVE
- W.M. WATER METER
- MANHOLE
- SIGN
- W.V. WATER VALVE
- FIRE HYDRANT
- P/T POWER/TELEPHONE
- GUY WIRE
- F FIBER OPTIC LINE
- FMS FORCE MAIN (EXISTING)
- 3/4" W WATER LINE (PROPOSED)
- 2" FMS FORCE MAIN (PROPOSED)
- X CHAIN LINK FENCE (PROPOSED)

CURVE C3
P.I. 12+06.00
N 634,887.839
E 2,523,794.194
Δ 9° 39' 09" (RT)
D 28° 38' 52"
R 200.000
L 33.693
T 16.887
PC 11+89.11
PT 12+22.81
DESIGN SPEED

CURVE C2
P.I. 11+64.27
N 634,852.416
E 2,523,772.100
Δ 9° 39' 09" (LT)
D 114° 35' 30"
R 50.000
L 8.423
T 4.222
PC 11+60.05
PT 11+68.47
DESIGN SPEED

CURVE C1
P.I. 11+01.80
N 634,789.604
E 2,523,716.320
Δ 77° 02' 45" (RT)
D 65° 51' 26"
R 87.000
L 116.989
T 69.260
PC 10+32.54
PT 11+49.53



OWNER/DEVELOPER:
ANDERSON COUNTY, TENNESSEE
MAYOR TERRY FRANK
GEOFF TRABALKA
ANDERSON COUNTY SOLID WASTE COORDINATOR
100 NORTH MAIN STREET
ROOM 127
CLINTON, TN
(865) 463-6845

ENGINEER:
ROBERT G. CAMPBELL & ASSOC., L.P.
7523 TAGGART LANE
KNOXVILLE, TN 37938
PHONE: 865-947-5996

CLT MAP 89 PARCEL 67.01
DEED BOOK 1015 PAGE 529
NUMBER OF LOTS: 1
TOTAL ACREAGE: 1.52 ACRES
DISTURBED AREA: 1.2 ACRES

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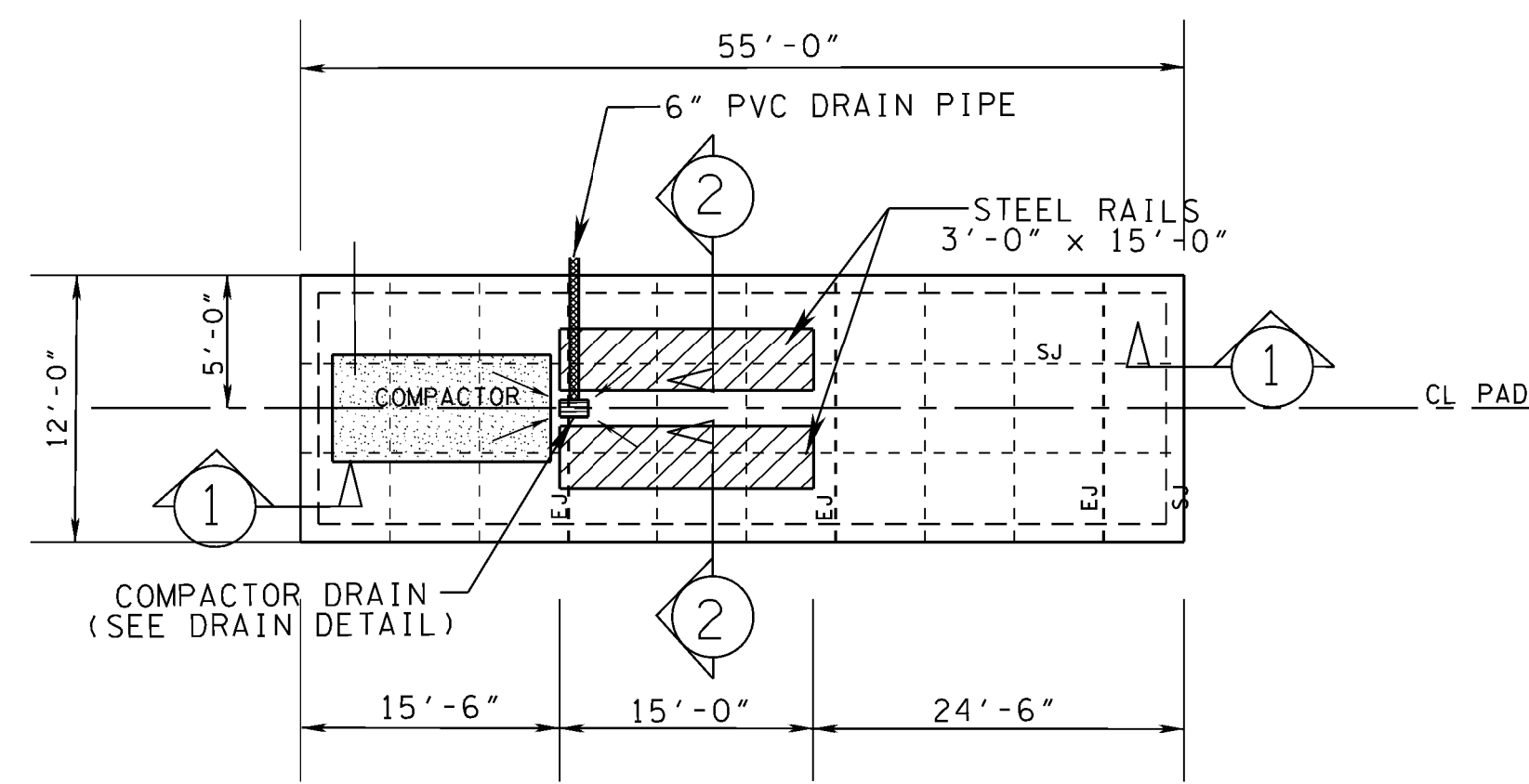
NO.	DATE	DESCRIPTION	BY	CKD.

ROBERT G. CAMPBELL & ASSOC., L.P.
CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE

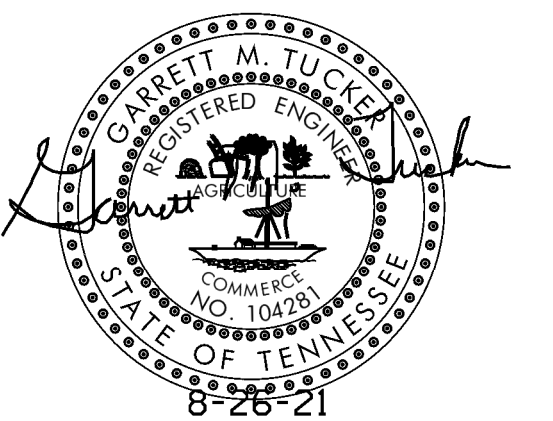
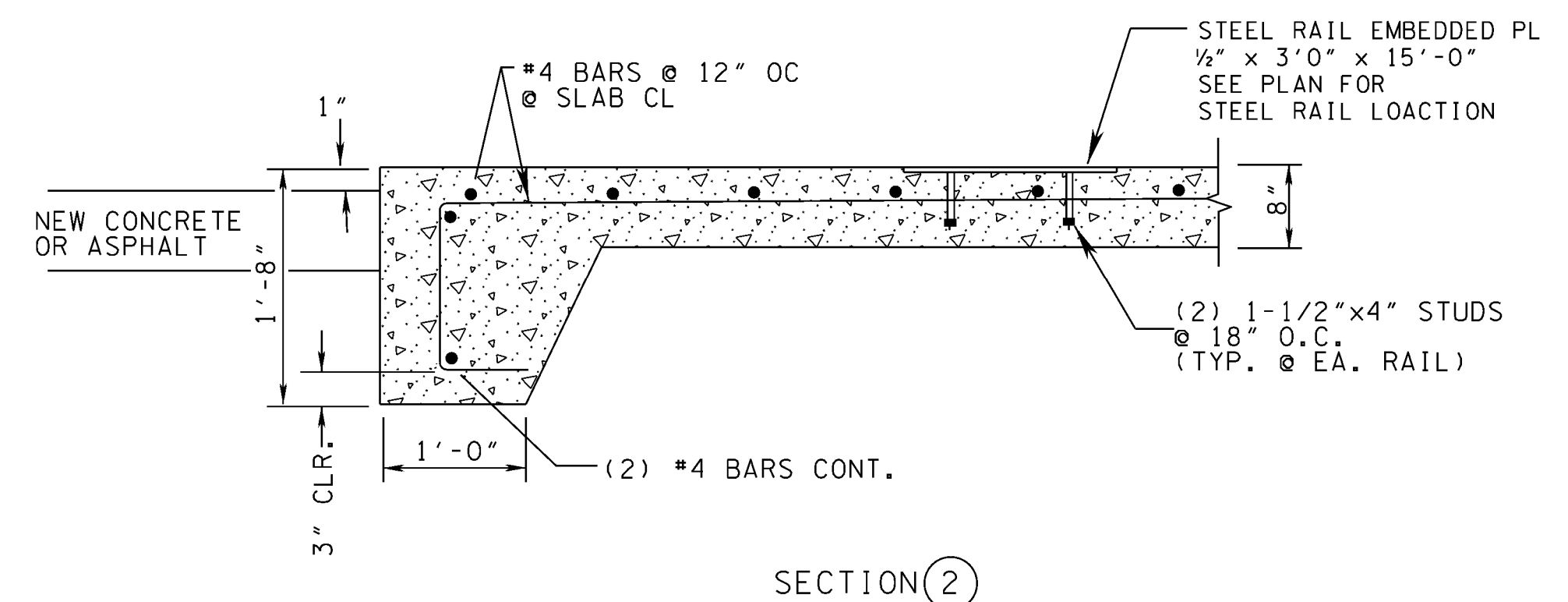
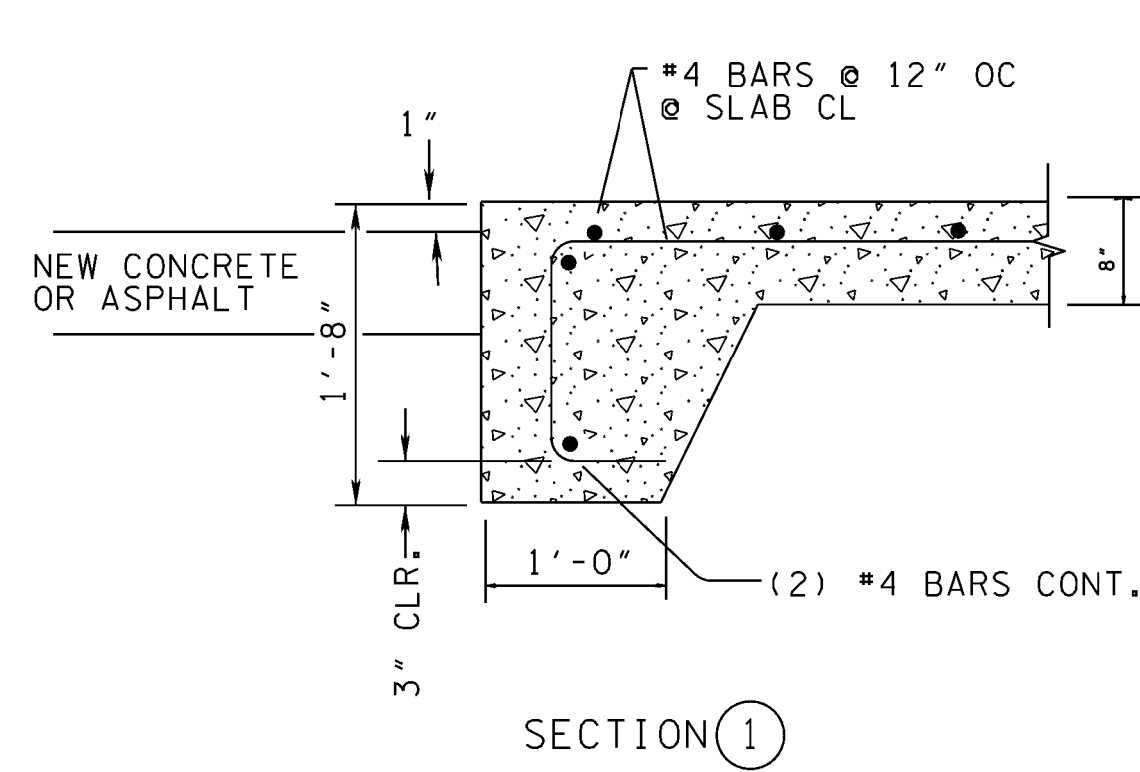
ANDERSON COUNTY SOLID WASTE
WOLF VALLEY ROAD CONVENIENCE CENTER

LAYOUT DETAIL

DESIGNED BY	CHECKED BY	SCALE	SHEET
SAF	GMT	1" = 20'	NO. 5
DRAWN BY <td>DATE <td>FILE NO. <td>OF 11 SHEETS</td> </td></td>	DATE <td>FILE NO. <td>OF 11 SHEETS</td> </td>	FILE NO. <td>OF 11 SHEETS</td>	OF 11 SHEETS
SAF	8-26-21	20702	



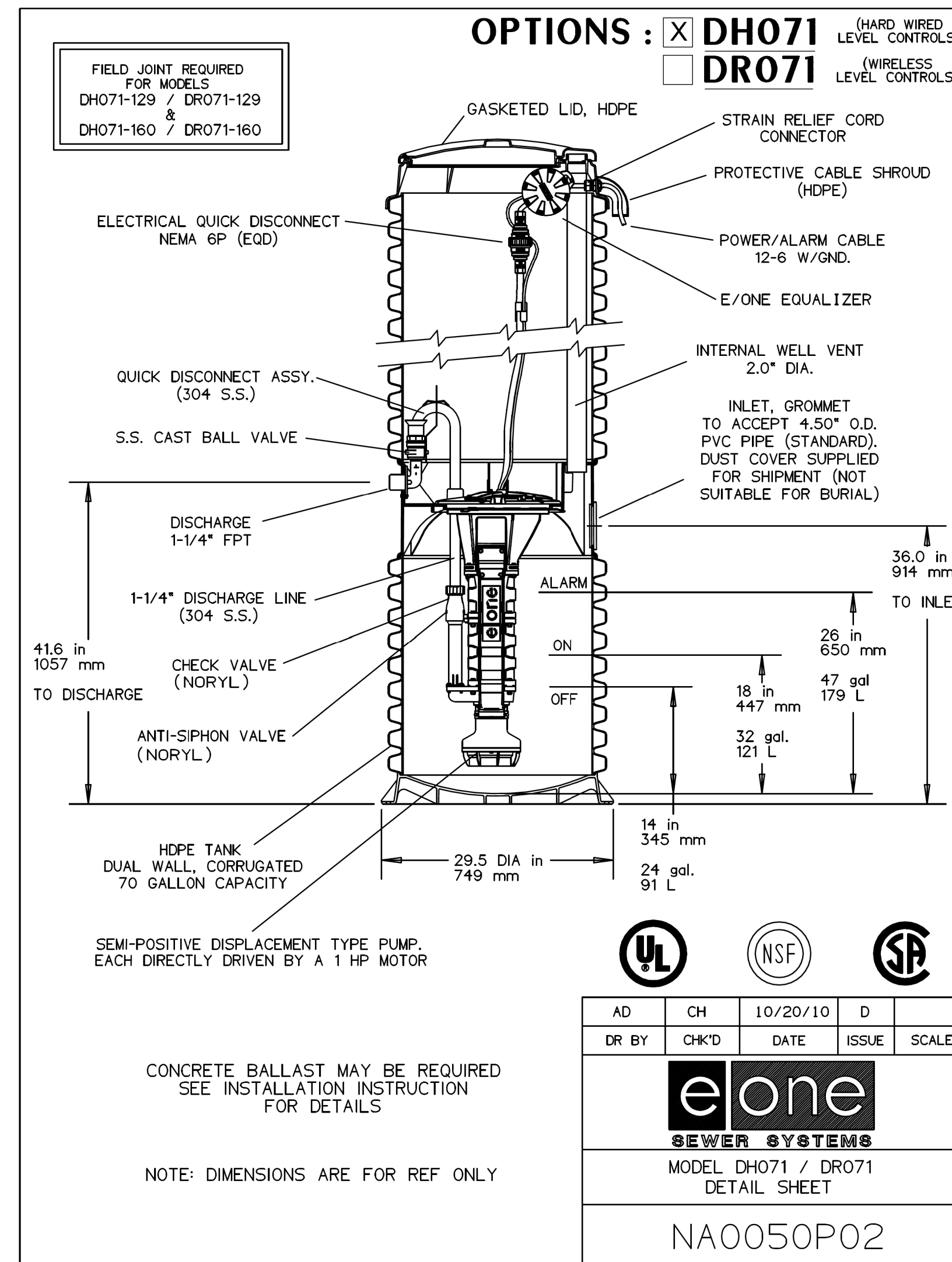
BULK COMPACTOR PAD DETAIL



Sieve Size	Coarse STONE % Passing	Fine MFGSAND % Passing	Combined % Passing
3	100.0	100.0	100.0
1 1/2	100.0	100.0	100.0
1	100.0	100.0	100.0
3/4	87.0	100.0	92.4
1/2	38.1	100.0	63.7
3/8	21.5	100.0	54.0
No. 4	2.8	100.0	43.0
No. 8	0.3	94.7	39.3
No. 16		56.8	23.5
No. 30		32.8	13.6
No. 50		19.3	8.0
No. 100		9.1	3.8
No. 200		6.9	2.9

	Coarse STONE	Fine MFGSAND	Combined
DRUW lb/ft3			
% Agg	58.7	41.4	
% Coarse Agg	100.0		
% Fine Agg		100.0	
SG	2.79	2.73	
FM	6.88	2.87	5.23

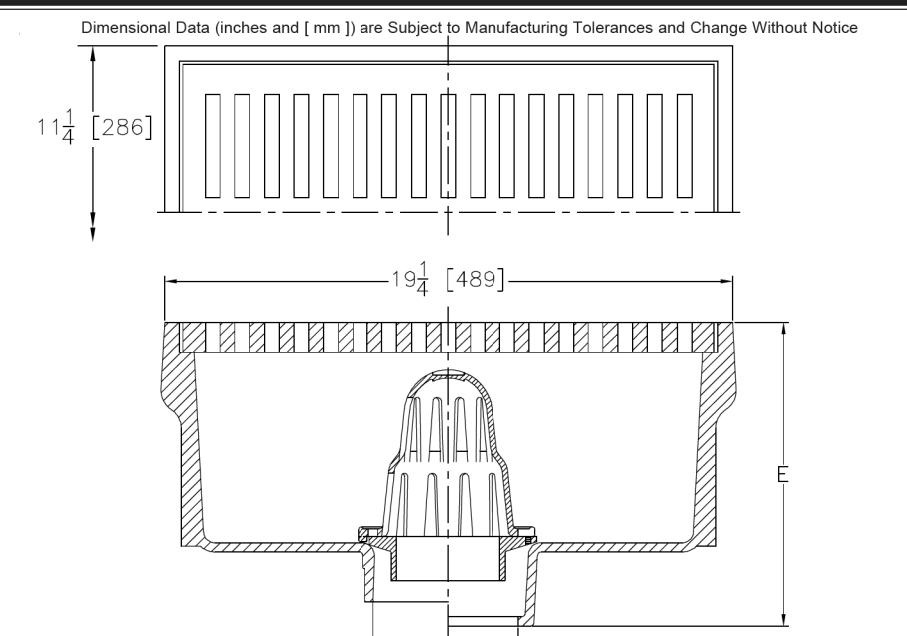
TYPICAL CONCRETE MIX



E-ONE GRINDER PUMP DETAIL
NO SCALE

NOTE: TOP OF DRAIN TO BE A MINIMUM OF 0.4 FEET LOWER THAN LOWEST OUTER PAD CORNER ELEVATION

ZURN Z668 11-1/4 x 19-1/4 [286 X 489] HEAVY-DUTY DRAIN SPECIFICATION SHEET TAG



A	Approx. Wt. Lbs. (kg)	Grate Open Area Sq. In. (cm ²)	ENGINEERING SPECIFICATION: ZURN Z668 11-1/4" X 19-1/4" [286mm X 489mm] Top drain, Dura-Coated cast iron body with bottom outlet, less seepage pan, with secondary strainer, loose heavy-duty slotted grate.
4.8 [102, 152]	115 [52]	60 [387]	

COMPACTOR DRAIN DETAIL
ZURN 7668 OR EQUAL

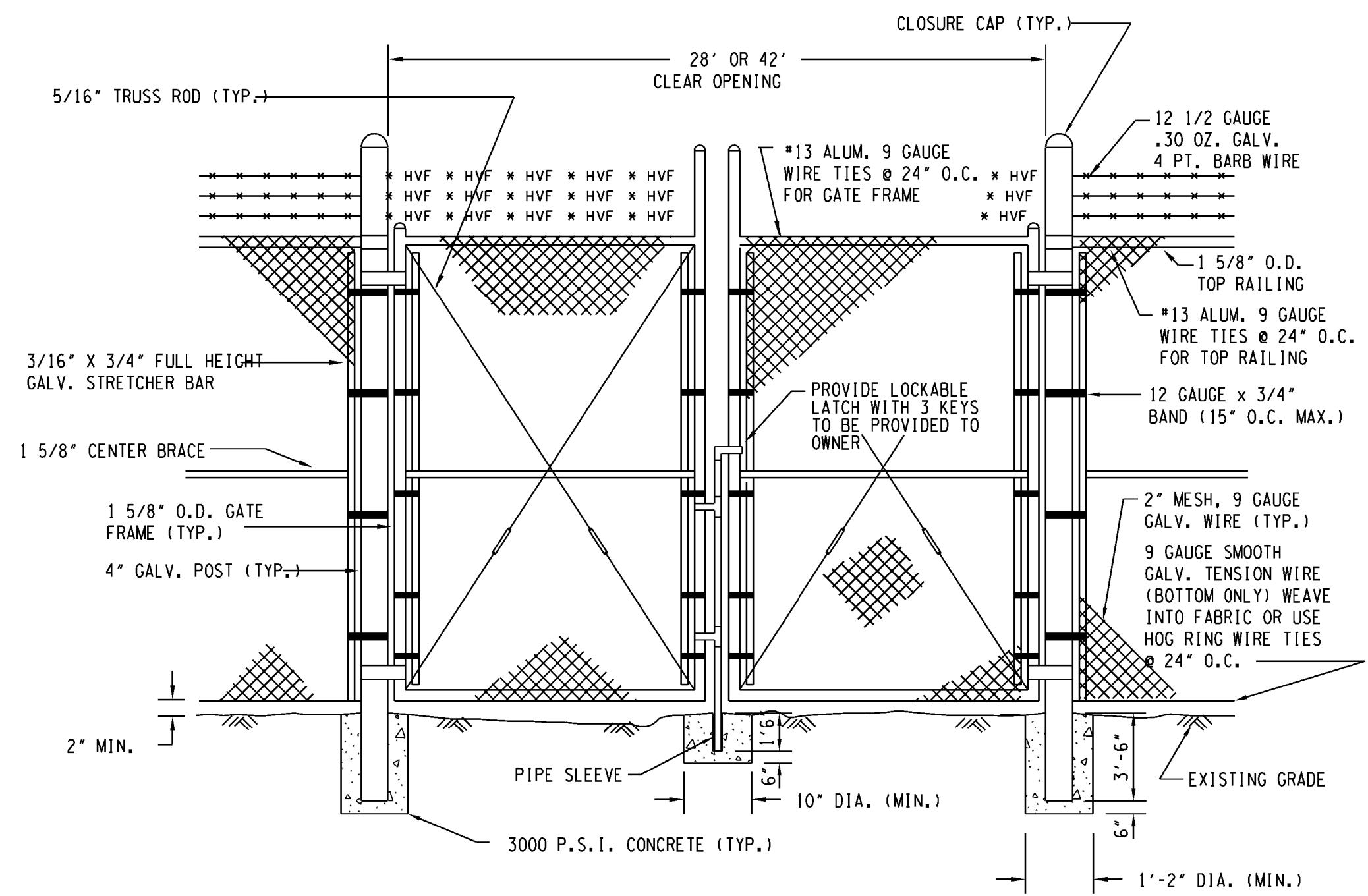
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		REVISIONS		

RGC&A
ROBERT G. CAMPBELL & ASSOC., L.P.
CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE

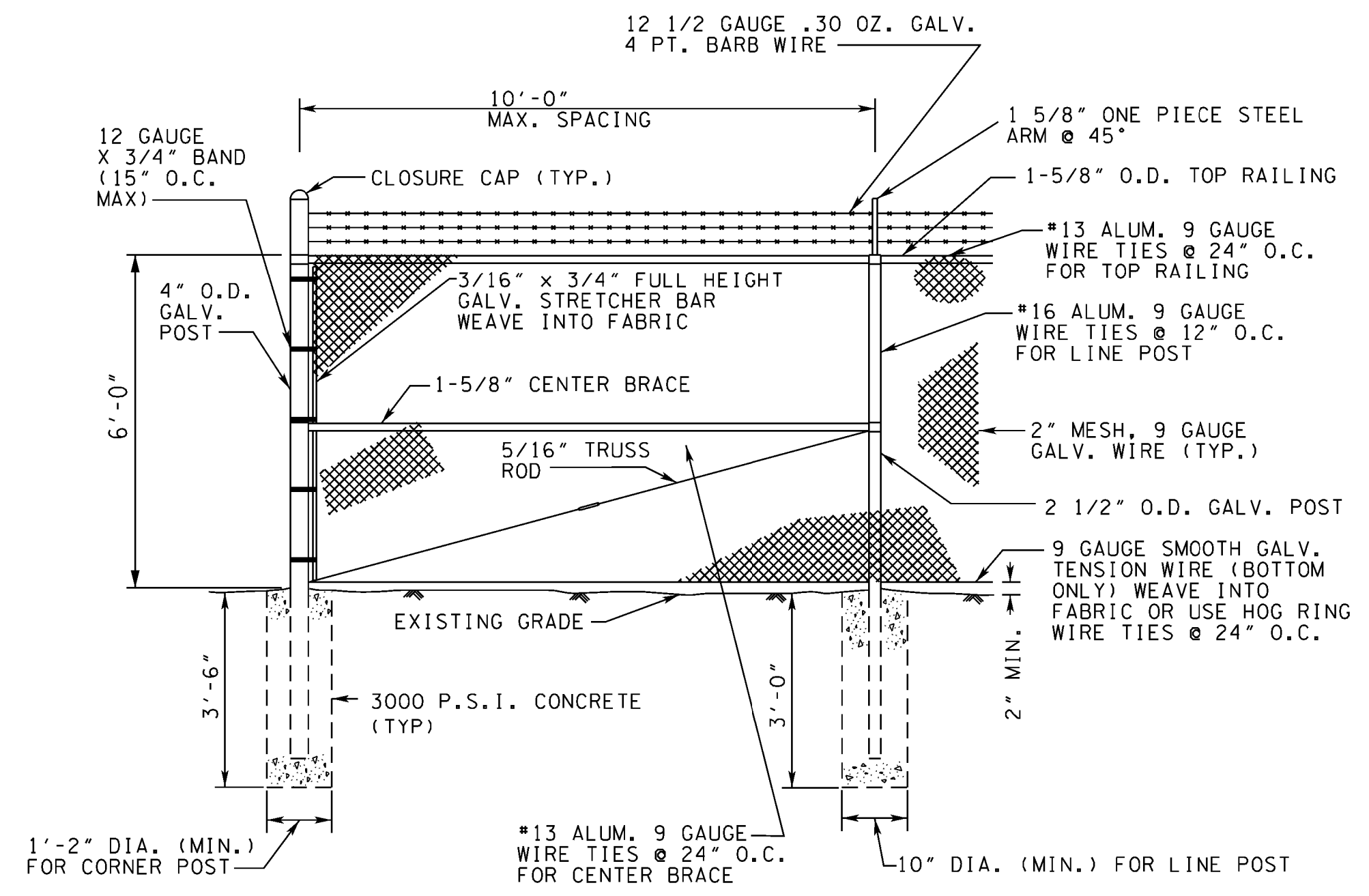
ANDERSON COUNTY SOLID WASTE
WOLF VALLEY ROAD CONVENIENCE CENTER

DETAILS

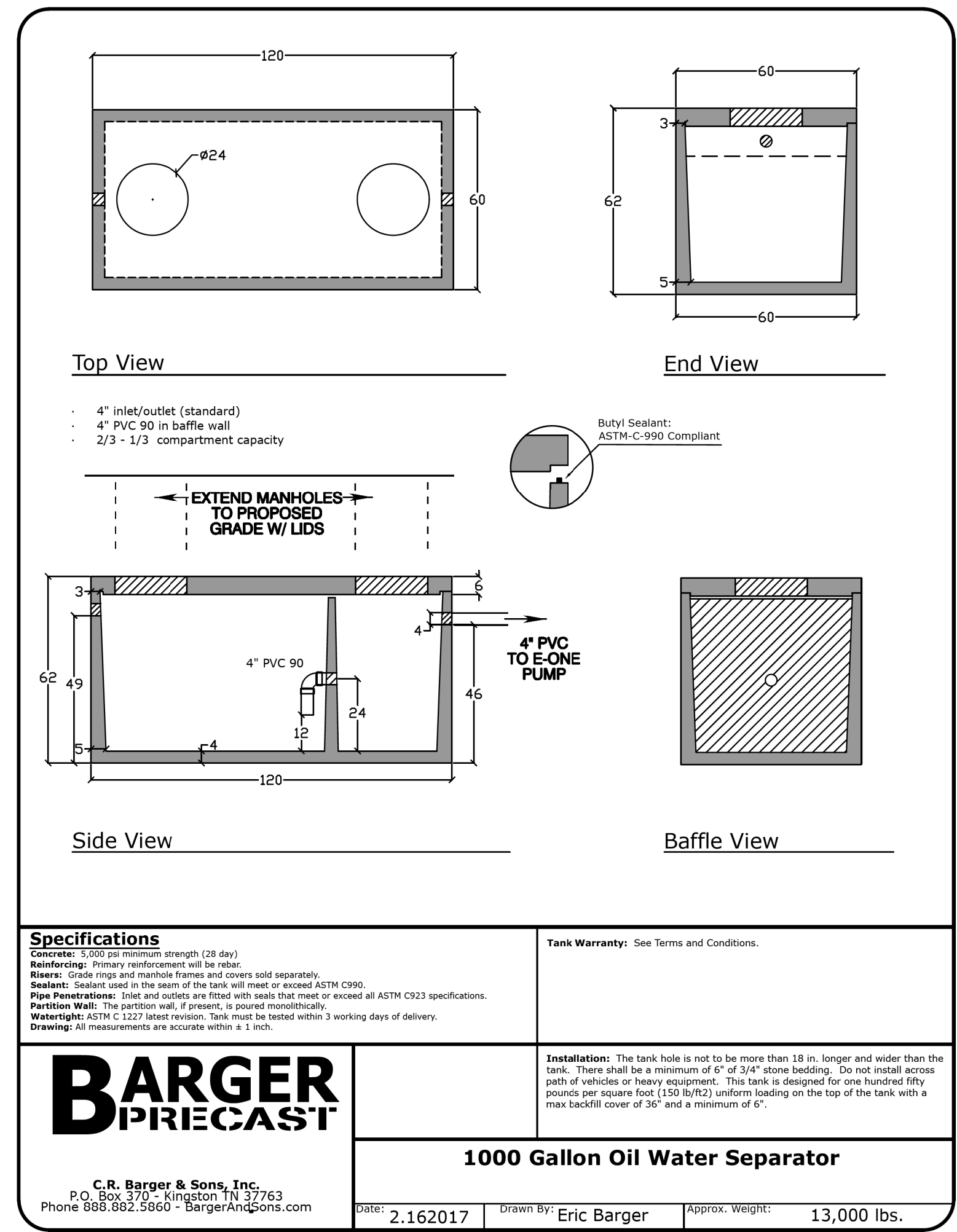
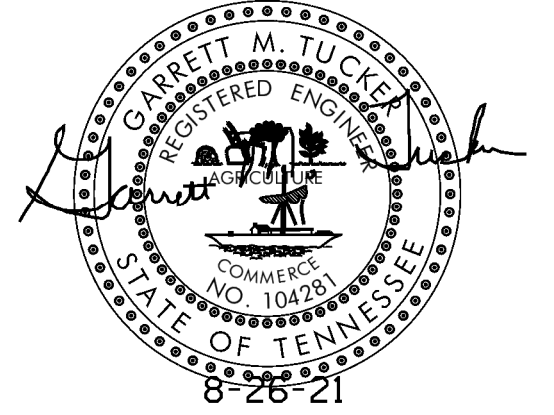
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GMT	RGC	NO SCALE	NO. 10
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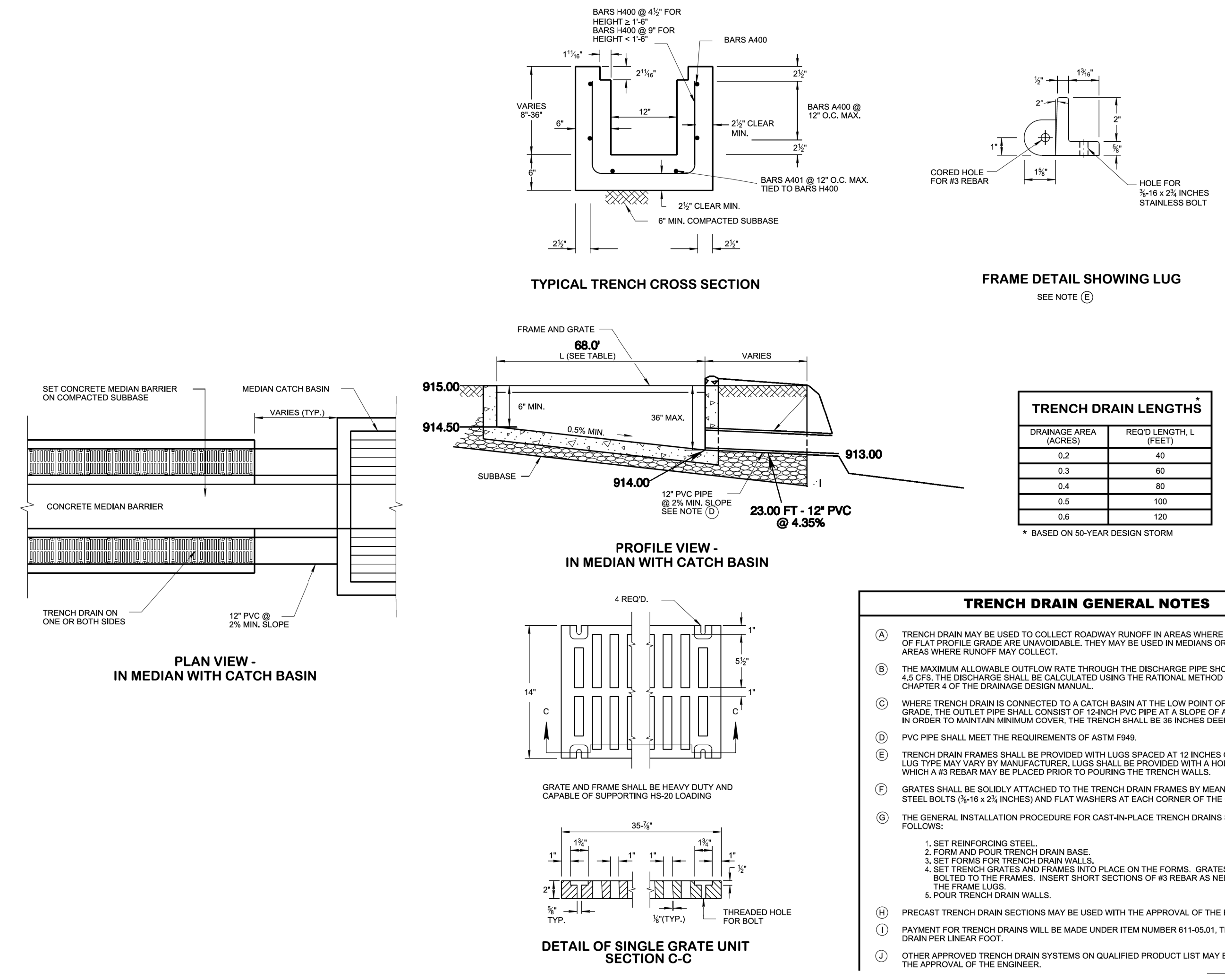
DOUBLE SWING GATE
NO SCALE



FENCE DETAIL



OIL/WATER SEPARATOR/ SEPTIC TANK DETAIL



TDOT TRENCH DRAIN DETAIL

NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				



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ANDERSON COUNTY SOLID WASTE
WOLF VALLEY ROAD CONVENIENCE CENTER

DETAILS

DESIGNED BY GMT	CHECKED BY RGC	SCALE NO SCALE	SHEET NO. 11
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