

INVITATION TO BID
EQUIPMENT WASH DOWN CONCRETE PAD
BID NO. 2017-G

Please be advised that Columbia County desires to accept bids on the above referenced item. Bids will be accepted until 11:00 a.m. on March 8, 2017 in the office of the Board of County Commissioners located at 135 NE Hernando Ave. Room 203, Lake City, Florida 32055.

Specifications and bid forms may be downloaded at the County web site, <https://webportal.columbiacountyfla.com/list-purchasing-projects.aspx>. Columbia County reserves the right to reject any and/or all bids and to accept the bid in the County's best interest.

**Columbia County, Florida
Purchasing Department
General Instructions to Bidders**

These instructions will bind bidders and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether the bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgment, experience and efficiency of bidder.
 - D. The performance of previous contracts with Columbia County.
 - E. The suitability of equipment or material for county use.
 - F. The ability of bidder to provide future maintenance.
2. Payment Terms are net (30) unless otherwise specified. Favorable terms, discounts, may be offered and will be considered in determining low bids if they are deemed by Purchasing Department to be advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. Unit price will prevail in case of errors.
4. All requested information shall be included in the envelope. All desired information must be included for your bid to receive full consideration.
5. If anything on the bid request is not clear, you should contact the Purchasing Director immediately.
6. A bidders list is available at the Purchasing Office.
7. Quote all prices F.O.B. our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope including Fed Ex, UPS or other delivery service envelopes, as a sealed bid. The name of the item being bid shall be shown on the outside in full.
9. No responsibility shall attach to any County representative or employee for the premature opening of bids not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised or excepted if determined to be in the counties best interest.
11. Bids received late will not be accepted, and the County will not be responsible for late mail delivery.
12. Telephone and facsimile bids will not be acceptable in formal bid openings (sealed bids). Should a bid be misplaced by the County and found later, it will be considered. Any bidder may request and shall receive a receipt showing the day and time any bid is delivered to the appropriate office of the County from the personnel thereof.

13. Bids requiring bid bonds will not be accepted if bond is not enclosed. Cash or certified check will be accepted in lieu of bond except on construction projects where cost exceeds \$40,000.
14. All bidders must be recognized dealers in the materials or equipment specified and is qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and the County Manager that he has the requisite organization, capital, plant, stock ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions, or admissions of required information or any changes to specifications or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, that is; a variation that affects price, quantity, and quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identification and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the best interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that did not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. The ESTIMATED QUANTITY given in the specifications or advertisements is for the purpose of bidding only. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacture's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. The successful bidder on motor vehicle equipment shall be required to furnish with delivery of vehicle, certificate of origin and any other appropriate documentation as required by the Florida Motor Vehicle Department.
22. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
23. All materials, equipment and supplies shall be subject to rigid inspection, under the immediate supervision of the Purchasing Department, its designee and /or the department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being instructed by the Purchasing Department or designee, shall remove, or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the Contractor

release him from his obligation to perform and deliver to the County Sound and satisfactory materials, equipment, or supplies. The Contractor agrees to pay the costs of all tests upon defective material, equipment, or supplies or allow the costs to be deducted from any monies due him from the County.

24. Unless otherwise specified by the Purchasing Department all materials, supplies, or equipment quoted herein must be delivered within thirty (30) days from the day of notification or exceptions noted on bid sheets.
25. A contract will not be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County to perform work satisfactorily, either to the character of the work, the fulfillment or guarantee, or the time consumed in completing the work.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
27. Submitting a proposal when the bidder intends to sublet the contract may be a cause for rejection of bids or cancellation of the contract by the County Manager.
28. Unless otherwise specified the County reserves the right to award each items separately or on a lump sum basis whichever is in the best interest of the County.
29. The County reserves the right to reject any and/or all quotations, to waive any minor discrepancies in the bids for all bidders equally, quotations, or specifications, when deemed to be in the best interest of the County and also to purchase any part, all or none of the materials, supplies, or equipment specified.
30. Failure of the bidder to sign the bid or have the signature of an authorized representative or agent on the bid proposal in the space provided will be cause for rejection of the bid. Signature must be written in ink. Typewritten or printed signatures will not be acceptable.
31. Any bidder may withdraw his bid at any time before the time set for the opening of the bids. No bid may be withdrawn in the thirty- (30) day period after bids are opened.
32. It is mutually understood and agreed that if at any time the Purchasing Department or designee shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that the contractor is willfully violating any of the conditions or covenants of the agreement, or executing the same in bad faith, the Purchasing Department or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice, or letter to address given in the proposal. If after three (3) working days of notification the conditions are not corrected to the satisfaction of the Purchasing Director, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors, or assigns, shall pay the amounts of such excess to the County on notice made by the Purchasing Department or his designee of the excess due.

33. If the bidder proposes to furnish any item of foreign make or product, he shall write "foreign" together with the name of the originating country opposite such item on a proposal.
34. Any complaint from bidders relative to the invitation to bid or attached specifications shall be made prior to the time of opening bids; other wise, the bidder waives any such complaint.
35. Contracts may be cancelled by the County with or without cause on thirty- (30) days advance written notice.
36. All contractors submitting bids for road projects in excess of \$150,000 must be pre-qualified with the Florida Department of Transportation and shall provide proof of such qualification upon request.
37. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for Columbia County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturdays, Sundays and legal holidays), after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
38. A person or affiliate who has been placed on the convicted vendor's list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to Columbia County, may not submit a bid on a contract with Columbia County for the construction or repair of a public building or public work, may not submit bids on leases of real property to Columbia County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with Columbia County, and may not transact business with Columbia County for a period of 36 months from the date of being placed on the convicted vendor list.
39. Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of;
 - A. all persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Florida; and
 - B. all persons, including subcontractors, assigned by the Vendor/Contractor to perform work pursuant to the contract with the County.

Columbia County Landfill
Scope of work
Equipment Wash Down Concrete Pad

BACKGROUND:

The Columbia County Board of County Commissioners is currently soliciting bids to provide all concrete materials to form and pour an equipment wash down pad at the Winfield Solid Waste Facility located at 1347 NW Oosterhoudt Lane in Lake City, Florida 32055.

SPECIFICATIONS OF SERVICE:

The County is seeking bids from licensed and insured parties to provide all concrete materials to form and pour a 38 feet x 56 feet 14-inch thick concrete slab, with 3/8" x 12" embedment plates utilizing 5/8" headed anchors for equipment tracks, a raised 6-inch wide 4-inch-high curb. Sloped 1/8-inch to clean out pit. Within the 38'X56' slab will be a 15 feet x 30 feet 4-inch thick concrete slab that will be utilized for storing the pressure washing system on. A copy of the Certified Engineering Plans is available for review.

1. All concrete materials and workmanship shall be in accordance with the latest editions of ACI 318 and ACI 301.

2. All concrete shall be as follows:
 - A. 4,000 PSI Minimum compressive strength @ 28 days.
 - B. Maximum size aggregate 3/4" unless noted otherwise.
 - C. Cement shall be ASTM C150, Type II unless noted otherwise.
 - D. Air entraining admixtures shall be used for all concrete exposed to weather.

3. All reinforcing shall be as follows:
 - A. Grade 60 deformed bars conforming to ASTM specifications A615.
 - B. Welded wire reinforcement shall conform to ASTM A185.

4. Unless noted otherwise, concrete coverage for reinforcing bar shall be:
 - A. 3" Bottom Steel
 - B. 2" Top Steel
 - C. 1 1/2" Wall Vertical Steel

5. Concrete Curing: The contractor shall furnish a concrete curing plan for review by Project Manager prior to the initial concrete placement. At a minimum, curing materials and procedures shall be furnished as follows:
 - A. Initial moisture curing and/or moisture-retaining cover curing of unformed surfaces shall commence after placing and finishing and as soon as free water has disappeared from the concrete surface. The concrete surface shall be kept continuously moist for a period of not less than 72 hours.
 - B. Moisture curing shall consist of methods that keep the concrete surface wet by covering with water. Moisture-Retaining cover curing shall consist of heavy weight burlap or cotton mat material.
 - C. Final curing shall commence immediately following initial curing. Final curing shall continue for at least 96 cumulative hours (not necessarily consecutive).
 - D. Cure formed concrete surfaces with forms in place for the full curing period. If forms are removed prior to the completion of the full curing period, the contractor shall apply a curing agent to the formed surfaces.
6. Lap splices for reinforcing bars shall be a minimum of 1.3 times the development length of the bar unless noted otherwise on the design drawings. Development length shall conform to ACI 318, Chapter 12.
7. Mechanical and welded splices, if used, shall develop 125% of bar yield strength and shall be qualified per AWS D1.4.
8. All elevations are to top of concrete unless noted otherwise.
9. All anchor J-Bolts shall conform to ASTM A36 or A307 Rod and be Hot-Dip Galvanized. Placement as detailed in drawings.
10. At locations where new concrete is being placed next to existing concrete, existing concrete shall be scarified to a $\frac{1}{4}$ " amplitude and have bonding agent applied prior to new concrete being placed. Exposed aggregate surfaces shall be resurfaced level and smooth with a self-leveling floor repair mix.
11. Dowel reinforcement bar installation for new to existing concrete where noted on drawings, install with Hilti Hit-Hy 150 injection epoxy anchor system or approved equivalent. See Manufacturer's specifications for installation details.
12. All edges and corners of exposed concrete shall have a $\frac{3}{4}$ " Chamfer unless noted otherwise.
13. All embedded metals to conform to ASTM A36.
14. All grounding cables shall be installed prior to pour.

AVAILABILITY:

The bidder shall have sufficient resources available to provide service five (5) days a week, during normal landfill operating hours 7am – 4 pm.

BID COST:

Cost to include all materials and workmanship to perform the scope of services as provided in the specifications of service.

MANDATORY PRE-BID MEETING:

ALL VENDORS SUBMITTING A BID WILL BE REQUIRED TO ATTEND A PRE-BID MEETING IN ORDER TO SUBMIT A BID.

Columbia County at its Sole discretion may accept or reject any or all bids and seek other alternate options.

**BID FORM
BID NO. 2017-G
EQUIPMENT WASH DOWN CONCRETE PAD**

Bids must be received in the Office of the Board of County Commissioners, Columbia County, 135 NE Hernando Avenue, Room 203, Lake City, FL 32055 no later than 11:00 A.M., on March 7, 2017.

Columbia County reserves the right to reject any and/or all bids and to accept the bid in the county's best interest, bid F.O.B., Columbia County, Florida.

BID COST:

Cost to include all Concrete Materials and Workmanship to form and pour an equipment wash down pad as provided in the specifications of service and certified engineering plan. To include a 38 feet x 56 feet 14-inch thick concrete slab with raised 6-inch wide 4-inch-high curb. Sloped 1/8-inch to clean out pit. Within the 38'X56' slab will be a 15 feet x 30 feet 4-inch thick concrete slab that will be utilized for storing the pressure washing system on.

Total Cost: \$ _____

Time to complete job upon bid award: Number of Weeks _____

I certify that this bid meets or exceeds the County specifications and that the undersigned bidder declares that I have carefully examined the specifications, terms and conditions of this bid and I am thoroughly familiar with its provisions. The undersigned bidder further declares that he/she has not divulged, discussed or compared his/her bid with any other bidders and has not colluded with any other bidders or parties to a bid whatsoever for any fraudulent purpose.

COMPANY: _____

ADDRESS: _____

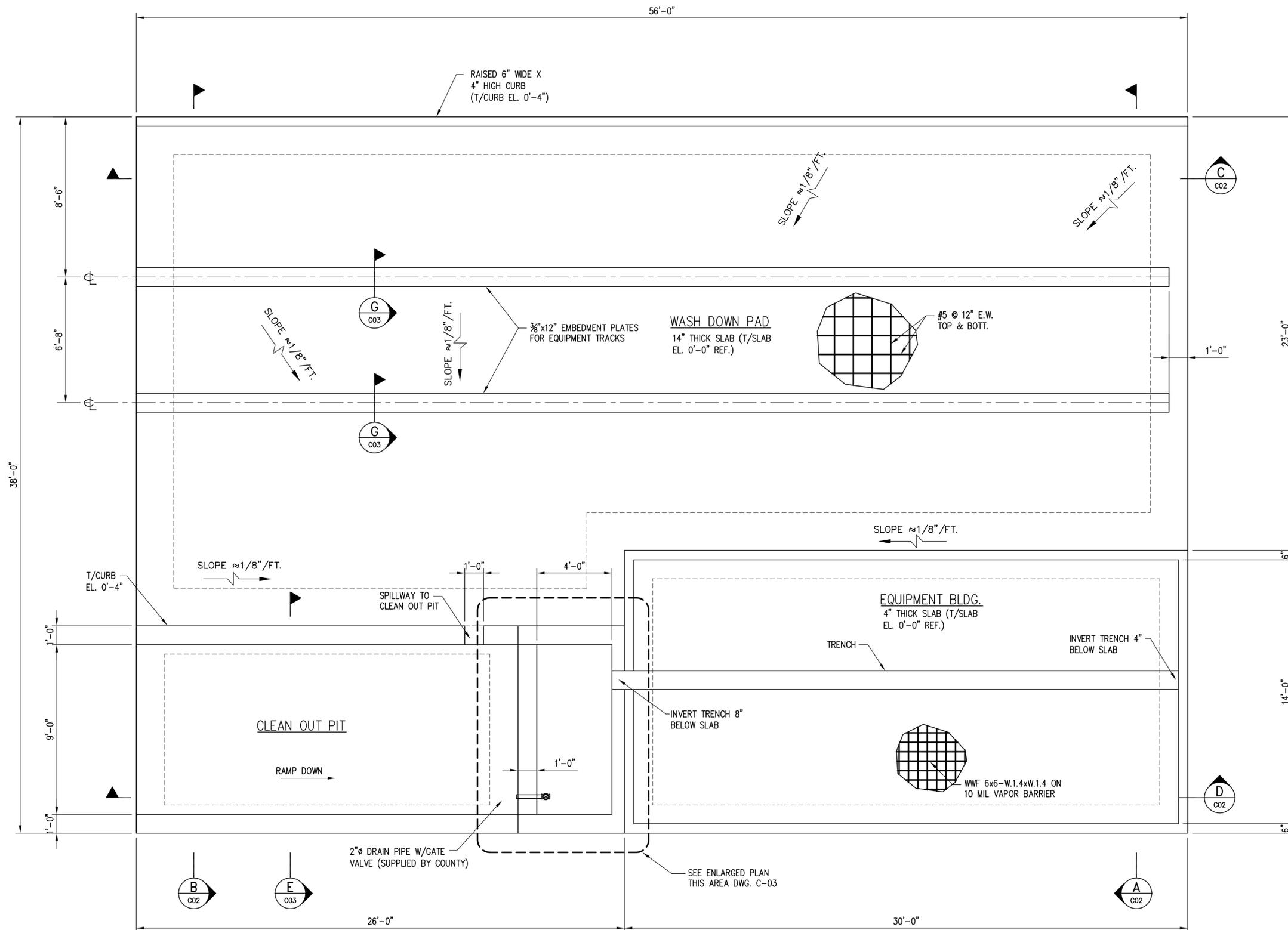
PHONE NO: _____

PRINT NAME/ TITLE: _____

SIGNATURE: _____

SUBMITTED on _____, 2017.

Revision Schedule		
Revision Number	Revision Description	Revision Date
0	RELEASED FOR CONSTRUCTION	11/7/16
1	REVISED PER COUNTY COMMENTS	2/7/17



CONCRETE NOTES:

- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 318 AND ACI 301.
- ALL CONCRETE SHALL BE AS FOLLOWS:
 - 4,000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS.
 - MAXIMUM SIZE AGGREGATE 3/4" UNLESS NOTED OTHERWISE.
 - CEMENT SHALL BE ASTM C150, TYPE II UNLESS NOTED OTHERWISE.
 - AIR ENTRAINING ADMIXTURES SHALL BE USED FOR ALL CONCRETE EXPOSED TO WEATHER.
- ALL REINFORCING SHALL BE:
 - GRADE 60 DEFORMED BARS CONFORMING TO ASTM SPECIFICATION A615.
 - WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185.
- UNLESS NOTED OTHERWISE, CONCRETE COVERAGE FOR REINFORCING BAR SHALL BE:
 - 3" BOTTOM STEEL
 - 2" TOP STEEL
 - 1 1/2" WALL VERTICAL STEEL
- CONCRETE CURING: THE CONTRACTOR SHALL FURNISH A CONCRETE CURING PLAN FOR REVIEW BY BASF PROJECT MANAGER PRIOR TO THE INITIAL CONCRETE PLACEMENT. AT A MINIMUM, CURING MATERIALS AND PROCEDURES SHALL BE FURNISHED AS FOLLOWS:
 - INITIAL MOISTURE CURING AND/OR MOISTURE-RETAINING COVER CURING OF UNFORMED SURFACES SHALL COMMENCE AFTER PLACING AND FINISHING AND AS SOON AS FREE WATER HAS DISAPPEARED FROM THE CONCRETE SURFACE. THE CONCRETE SURFACE SHALL BE KEPT CONTINUOUSLY MOIST FOR A PERIOD NOT LESS THAN 72 HOURS.
 - MOISTURE CURING SHALL CONSIST OF METHODS THAT KEEP THE CONCRETE SURFACE WET BY COVERING WITH WATER. MOISTURE-RETAINING COVER CURING SHALL CONSIST OF HEAVY WEIGHT BURLAP OR COTTON MAT MATERIAL.
 - FINAL CURING SHALL COMMENCE IMMEDIATELY FOLLOWING INITIAL CURING. FINAL CURING SHALL CONTINUE FOR AT LEAST 96 CUMULATIVE HOURS (NOT NECESSARILY CONSECUTIVE).
 - CURE FORMED CONCRETE SURFACES WITH FORMS IN PLACE FOR THE FULL CURING PERIOD. IF FORMS ARE REMOVED PRIOR TO THE COMPLETION OF THE FULL CURING PERIOD, THE CONTRACTOR SHALL APPLY A CURING AGENT TO THE FORMED SURFACES.
- LAP SPLICES FOR REINFORCING BARS SHALL BE A MINIMUM OF 1.3 TIMES THE DEVELOPMENT LENGTH OF THE BAR UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS. DEVELOPMENT LENGTH SHALL CONFORM TO ACI 318, CHAPTER 12.
- MECHANICAL AND WELDED SPLICES, IF USED, SHALL DEVELOP 125% OF BAR YIELD STRENGTH AND SHALL BE QUALIFIED PER AWS D1.4.
- ALL ELEVATIONS ARE TO TOP OF CONCRETE UNLESS NOTED OTHERWISE.
- ALL ANCHOR J-BOLTS SHALL CONFORM TO ASTM A36 OR A307 ROD AND BE HOT-DIP GALVANIZED. PLACEMENT AS DETAILED IN DRAWINGS.
- AT LOCATIONS WHERE NEW CONCRETE IS BEING PLACED NEXT TO EXISTING CONCRETE, EXISTING CONCRETE SHALL BE SCARIFIED TO A 1/4" AMPLITUDE AND HAVE A BONDING AGENT APPLIED PRIOR TO NEW CONCRETE BEING PLACED. EXPOSED AGGREGATE SURFACES SHALL BE RESURFACED LEVEL AND SMOOTH WITH A SELF LEVELING FLOOR REPAIR MIX.
- DOWEL REINFORCEMENT BAR INSTALLATION FOR NEW TO EXISTING CONCRETE WHERE NOTED ON DRAWINGS, INSTALL WITH HILTI HIT-HY 150 INJECTION EPOXY ANCHOR SYSTEM OR APPROVED EQUIVALENT. SEE MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION DETAILS.
- ALL EDGES AND CORNERS OF EXPOSED CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS NOTED OTHERWISE.
- ALL EMBEDDED METALS TO CONFORM TO ASTM A36.
- ALL GROUNDING CABLES SHALL BE INSTALLED PRIOR TO POUR.

email: ggill@gillengineservices.com



PLAN
SCALE: 3/8"=1'-0"

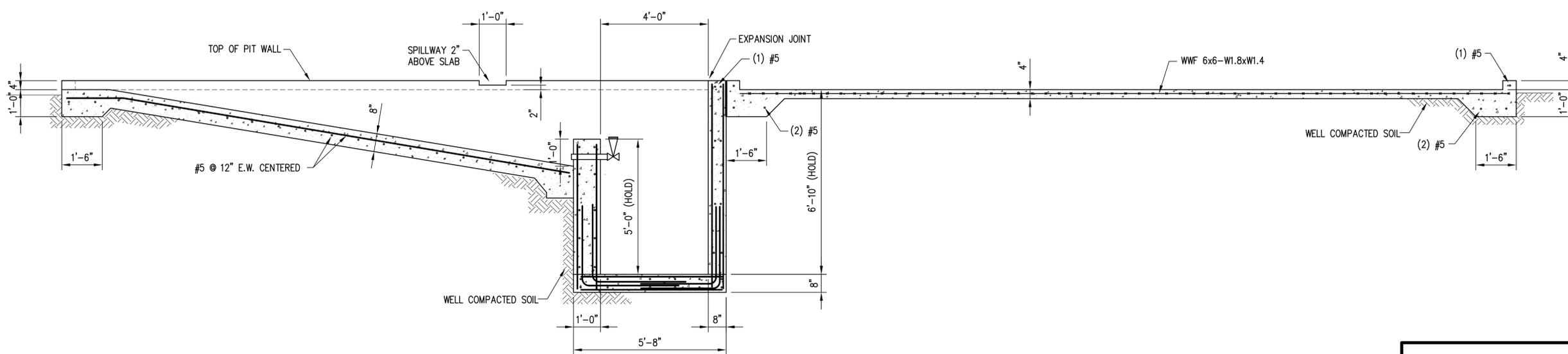
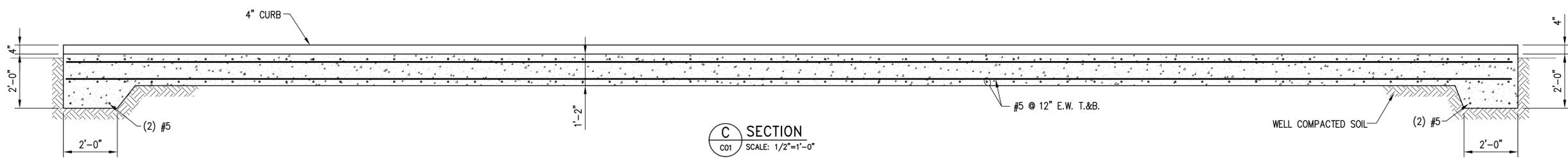
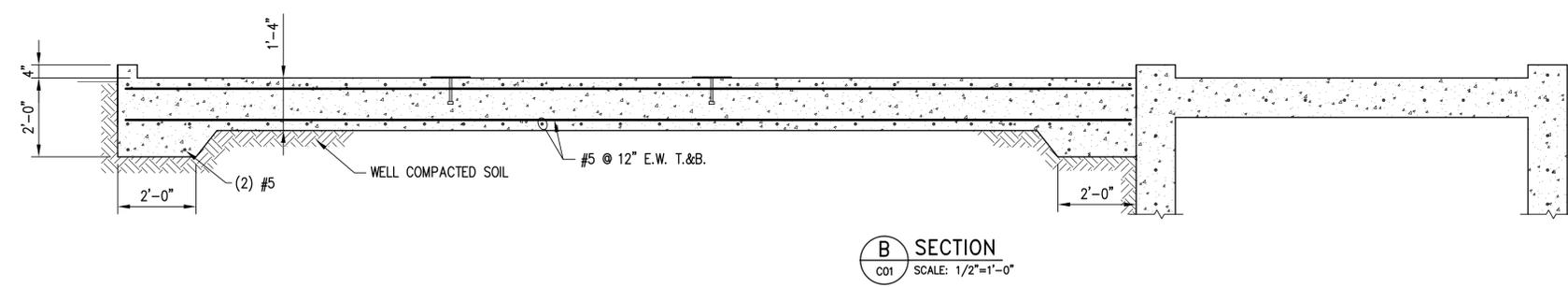
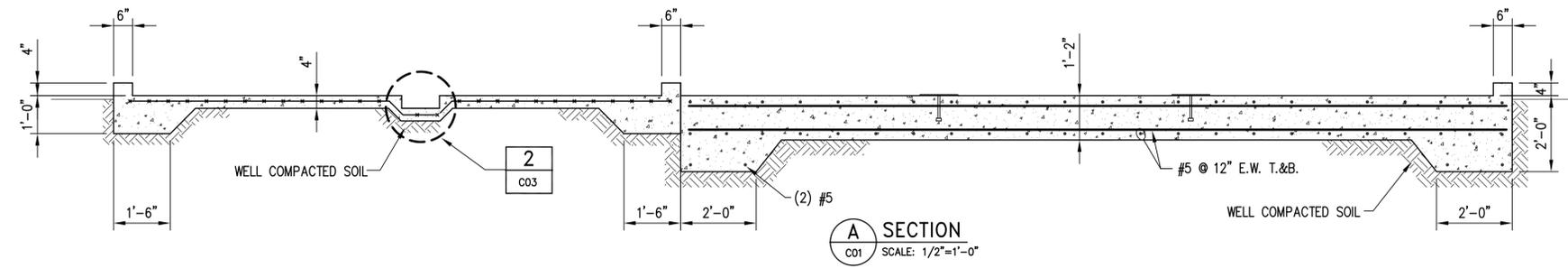


COUNTY LAND FILL			
COLUMBIA COUNTY, FL			
DRAWN BY: KW		8/11/16	
CHKD BY: GIG		11/6/16	
APPRD BY:			
PROJECT #:		DWG #:	REV #:
1632-097		C01	1

GILL ENGINEERING SERVICES, INC
AUTH # 30824
GARY GILL PE #51942
426 SW COMMERCE DR 130-M
LAKE CITY, FL 32025 386-590-1242

EQUIPMENT WASH DOWN CONCRETE PLAN

Revision Schedule		
Revision Number	Revision Description	Revision Date
0	RELEASED FOR CONSTRUCTION	11/7/16
1	REVISED PER COUNTY COMMENTS	2/7/17

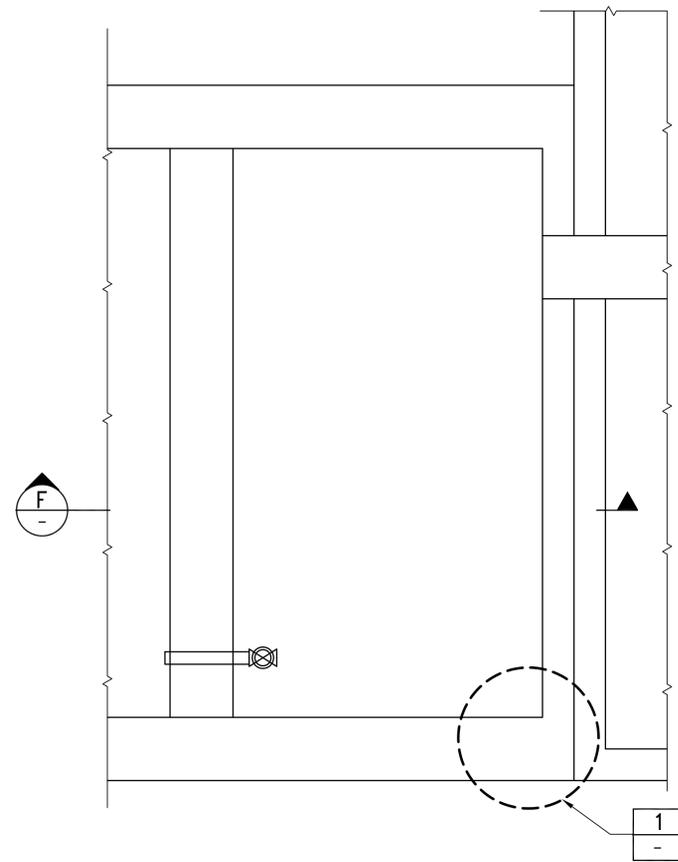


email: ggill@gillengineeringservices.com

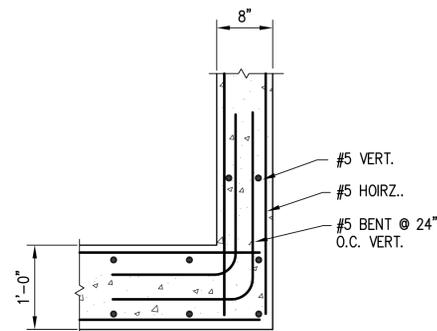


COUNTY LAND FILL COLUMBIA COUNTY, FL			GILL ENGINEERING SERVICES, INC AUTH # 30824 GARY GILL PE #51942 426 SW COMMERCE DR 130-M LAKE CITY, FL 32025 386-590-1242		
DRAWN BY:	KW	8/11/16			
CHKD BY:	GJG	11/6/16			
APPRD BY:					
EQUIPMENT WASH DOWN CONCRETE SECTIONS					
PROJECT #:	1632-097	DWG #:	C02	REV #:	1

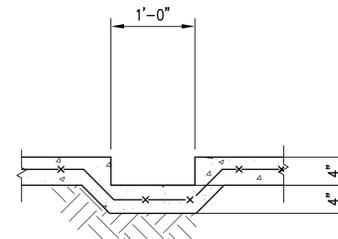
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0	RELEASED FOR CONSTRUCTION	11/7/16
1	REVISED PER COUNTY COMMENTS	2/7/17



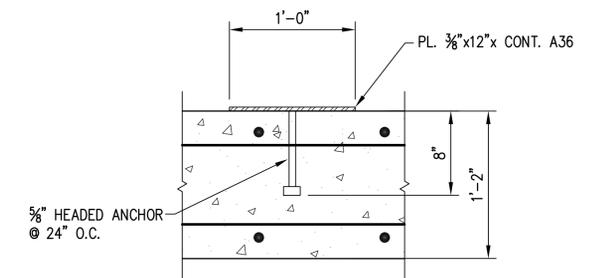
ENLARGED PLAN OF SUMP AREA
SCALE: 3/4"=1'-0"



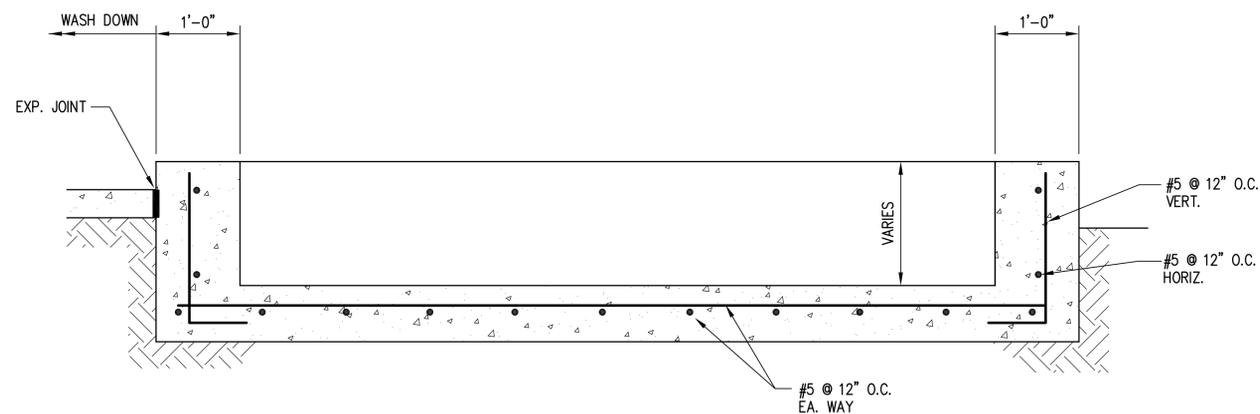
1 DETAIL
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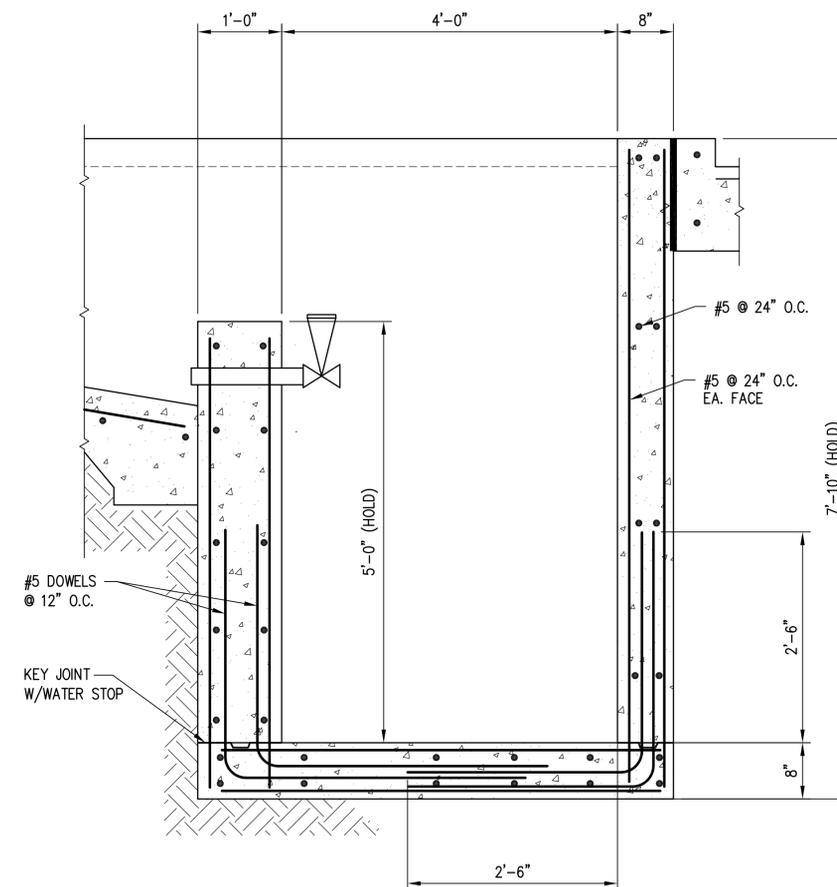
2 DETAIL
SCALE: 1"=1'-0"



G SECTION
SCALE: 1"=1'-0"



E SECTION
SCALE: 1"=1'-0"



F SECTION
SCALE: 1"=1'-0"

email: ggill@gillengineeringservices.com



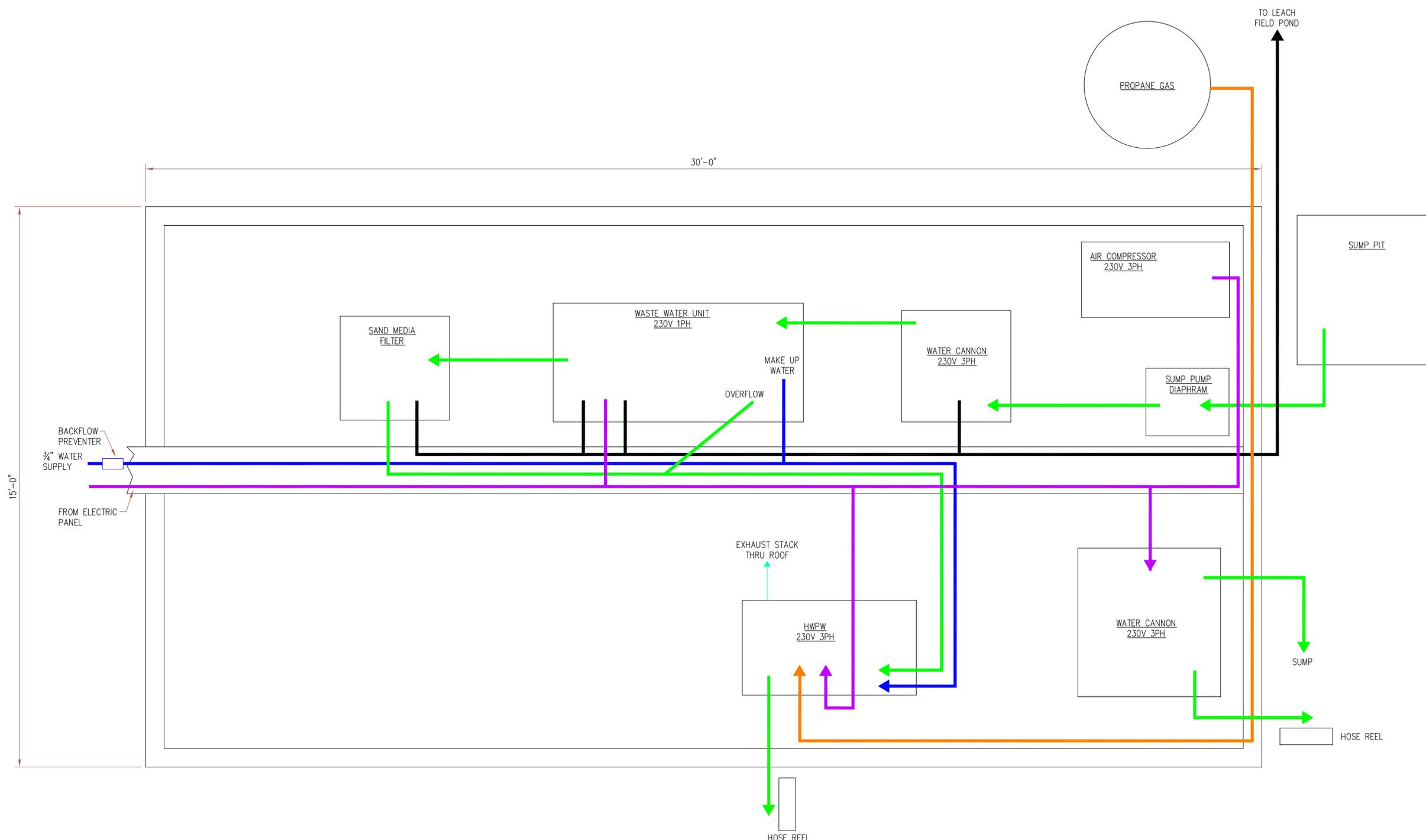
COUNTY LAND FILL
COLUMBIA COUNTY, FL

DRAWN BY: KW		9/9/16	GILL ENGINEERING SERVICES, INC AUTH # 30824 GARY GILL PE #51942 426 SW COMMERCE DR 130-M LAKE CITY, FL 32025 386-590-1242
CHKD BY: GJG		11/6/16	
APPRD BY:			

EQUIPMENT WASH DOWN CONCRETE SECTIONS

PROJECT #:	DWG #:	REV #:
1632-097	C03	1

Revision Schedule		
Revision Number	Revision Description	Revision Date
0	RELEASED FOR CONSTRUCTION	11/7/16
1	REVISED PER COUNTY COMMENTS	2/7/17



PLAN
SCALE: 3/4"=1'-0"



LEGEND

- = POTABLE WATER/AIR
- = NON POTABLE WATER
- = BACK WASH
- = ELECTRIC
- = PROPANE GAS

COUNTY LAND FILL			
COLUMBIA COUNTY, FL			
DRAWN BY: KW 9/9/16		GILL ENGINEERING SERVICES, INC AUTH # 30824 GARY GILL PE #51942 426 SW COMMERCE DR 130-M LAKE CITY, FL 32025 386-590-1242	
CHKD BY: GJG 11/6/16			
APPRD BY:			
EQUIPMENT ROOM FLOW DIAGRAM			
PROJECT #:	DWG #:	REV #:	
1632-097	M01	1	

email: ggill@gillengineeringservices.com

