

Building Construction of the New Endeavour Elementary School

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|-----------------------------|--------------------------------------|-----------------------------|---|
| <u>Category:</u> | Elementary, Pre Schools | <u>Project ID #:</u> | 1004305082 |
| <u>Street Address:</u> | To Be Announced Wrightstown NJ 08562 | <u>Staff Estimate Value</u> | \$600,000.00 |
| <u>County:</u> | Burlington | <u>Stage:</u> | Biddate Set |
| <u>Bid Date:</u> | 4/19/2017 , 10:00AM | | |
| <u>Architect:</u> | P.W. Moss & Associates | | |
| <u>Documents Available:</u> | Plans, Specs available in Insight | | Plans available from P.W. Moss & Associates |
| <u>Last Update:</u> | 3/16/2017 | | Harrison-Hamnett, PC was added as Structural Engineer |

Notes

Scope

Site work and new construction of an educational facility in Wrightstown, New Jersey. Completed plans call for the construction of a educational facility; and for site work for a educational facility. New Endeavour Elementary School - Building Construction Work Includes: All Work Defined with the New Endeavour Elementary School 181,728 Square Feet New Building (Approximate) Contracts: Five (5) Multiple Prime Contracts General Construction Structural Steel Construction Mechanical Construction Electrical Construction Plumbing Construction. Attendance at the prebid meeting is by appointment only, Forty Eight (48) Hours in advance notice to attend the prebid meeting is required, by written request, with Name, Company, Driver License Number and Date of Birth of ALL attendees and MUST be pre-scheduled with P.W. Moss & Associates, with Rick Takakjy, via email only at ret@pwmoss.com. Non-scheduled site visits will not be permitted to the site located on JB-MDL. *** Due to JB-MDL Security Procedures, the scheduled prebid meeting on Wednesday, March 22, 2017 will be the only scheduled site visit permitted during the bidding period for this project. *** All requests for additional information and questions posed by Bidders must be submitted in writing and transmitted to P.W. Moss & Associates no later than April 5, 2017, via email only to Rick Takakjy at ret@pwmoss.com. Any bid submitted under the terms of the New Jersey statutes not including a copy of a valid and active prequalification/classification certificate may be rejected as non-responsive to the bid requirements. Each bidder shall submit with its bid, a Certificate of Consent of Surety as per N.J.S.A. 18A:18A-25 from a Surety company stating that it will provide the bidder and all subcontractors, if successful, with a performance/payment bond in the full amount of the contract. The Owner may, at its discretion, waive informalities in bids, but is not obligated to do so, nor does it represent that it will do so. The Owner also reserves the right to reject any and all bids. Under no circumstances will the Owner waive any informality which, by such waiver, would give one Bidder substantial advantage or benefit not enjoyed by all Bidders. No Bidder may withdraw his bid before sixty (60) days after the actual date of the opening thereof, unless a mistake or error is claimed by the Bidder. The Owner reserves the right to reject any or all bids and not award a contract for any portion of the Project if the Owner has not obtained the requisite approval for the Project or any portion thereof from the appropriate state agency. Any agreement entered into by the Board for any portion of the Project is expressly conditioned upon the Owner obtaining the requisite approval for the Project or any portion thereof. The Owner reserves the right to terminate the agreement if the Owner has not obtained the requisite approval for the Project or any portion thereof from the appropriate state agency.

Notes

Bid Date: 04/19/2017 10:00AM Sealed bids will be received at the North Hanover Township Board of Education Offices, 331 Monmouth Road, Wrightstown, NJ 08562, on or before, April 19, 2017 at 10:00 AM Prevailing Time. Bids will be publicly opened and read aloud on the same day, time and location. No bids will be accepted after this time. Pre-Bid Meeting: 03/22/2017 10:00AM Prebid meeting will be held (Prebid attendance IS NOT MANDATORY, but Contractors are strongly urged to attend). All attendees MUST first meet at the North Hanover Township Board of Education Offices, 331 Monmouth Road, Wrightstown, NJ 08562 and be escorted to the new school site located on JB-MDL. Development include(s): Site Work, New Construction

Details

[Division 2]: Building Demolition, Clearing, Dewatering, Shoring, Earthwork, Grading, Slope Protection & Erosion Control, Tunneling, Piles & Caissons, Paving & Surfacing, Water Systems, Wells, Sewerage & Drainage, Fences & Gates, Landscaping. [Division 3]: Concrete Formwork, Concrete Reinforcement, Structural Concrete, Post-Tensioned Concrete, Structural Precast Concrete, Cementitious Decks. [Division 4]: Concrete Unit Masonry, Stone. [Division 5]: Structural Steel, Metal Decking, Cold Formed Metal Framing, Metal Fabrications, Metal Stairs, Metal Railings, Ornamental Metals. [Division 6]: Rough Carpentry, Architectural Woodwork, Custom Casework, Plastic Fabrications. [Division 7]: Waterproofing, Insulation, Exterior Insulation & Finish Systems, Fireproofing, Firestopping, Manufactured Roofing & Siding, Membrane Roofing, Skylights. [Division 8]: Metal Doors, Wood Doors, Coiling Doors and Grilles, Folding Doors & Grilles, Sectional Overhead Doors, Entrances & Storefronts, Metal Windows, Hardware, Glass & Glazing, Curtain Walls. [Division 9]: Ceiling Suspension Systems, Drywall/Gypsum, Tile, Terrazzo, Acoustical Ceilings, Acoustical Walls, Wood Flooring, Resilient Flooring, Carpet, Painting, Wall Coverings. [Division 10]: Visual Display Boards, Compartments & Cubicles, Louvers & Vents, Flagpoles, Exterior Signs, Interior Signs, Lockers, Protective Covers, Partitions, Operable Partitions, Toilet & Bath Accessories. [Division 11]: Audio-Visual Equipment, Loading Dock Equipment, Food Service Equipment, Athletic Equipment. [Division 12]: Window Treatment, Rugs & Mats, Multiple Seating. [Division 13]: Pre-Engineered Structures. [Division 14]: Elevators, Material Handling Systems. [Division 15]: Mechanical Insulation, Fire Protection Systems, Plumbing Piping, Plumbing Fixtures, Water Heaters, Hydronic Piping, HVAC Pumps, Boilers, Packaged A/C Units. Air Handling. Ductwork. Testina & Balancing. [Division 16]: Service/Distribution.

Additional Details

| | | | |
|------------------------------|------------------|--------------------------------------|--------------------|
| <u>Listed On:</u> | 3/10/2017 | <u>Floor Area:</u> | 181,728Square Feet |
| <u>Contract Type:</u> | | <u>Work Type:</u> | New |
| <u>Stage Comments 1:</u> | | <u>Floors Below Grade:</u> | |
| <u>Stage Comments 2:</u> | | <u>Owner Type:</u> | County |
| <u>Bid Date:</u> | 4/19/2017 | <u>Mandatory Pre Bid Conference:</u> | |
| <u>Invitation #:</u> | 3650-N02-15-1000 | <u>Commence Date:</u> | 4/26/2017 |
| <u>Structures:</u> | 2 | <u>Completion Date:</u> | 10/31/2019 |
| <u>Single Trade Project:</u> | | <u>Site Area:</u> | |
| <u>Floors:</u> | | <u>LEED Certification Intent:</u> | |
| <u>Parent Project ID:</u> | | <u>Units:</u> | |
| <u>Parking Spaces:</u> | | | |

Project Participants

| Company Role | Company Name | Contact Name | Address | Phone | Email | Fax |
|---------------------------------|---|-----------------|---|----------------|----------------------------|----------------|
| Architect, Construction Manager | P.W. Moss & Associates | | 7 Plumridge Road , Doylestown, PA 18901 | (215) 297-5550 | info@pwmoss.com | (215) 297-8479 |
| Owner | North Hanover Township School District Board of Education | | 331 Monmouth Road , Wrightstown, NJ 08562 | (609) 738-2600 | | (609) 758-0786 |
| Civil Engineer | Pennoni Associates Inc. - Haddon Heights | Chad Gaulrapp | 515 Grove St. Ste. 1B, Haddon Heights, NJ 08035 | (856) 547-0505 | cgaulrapp@pennoni.com | (856) 547-9174 |
| Structural Engineer | Harrison-Hamnett, PC | John Harrison | 40 Knowles St. , Pennington, NJ 08534 | (609) 818-1808 | jharrison@hhpccse.com | (609) 818-1809 |
| Architect | Netta Architects | Nicholas Netta | 1084 Route 22 West , Mountainside, NJ 07092 | (973) 379-0006 | nnetta@nettaarchitects.com | (973) 379-1061 |
| Mechanical Engineer | Schiller & Hersh Associates | Richard L. Delp | 636 Skippack Pike. , Blue Bell, PA 19422 | (215) 886-8947 | rdelp@schillerhersh.com | (215) 886-8956 |
| Architect, Construction Manager | P.W. Moss & Associates | Rick Takakjy | 7 Plumridge Road , Doylestown, PA 18901 | (215) 297-5550 | ret@pwmoss.com | (215) 297-8479 |

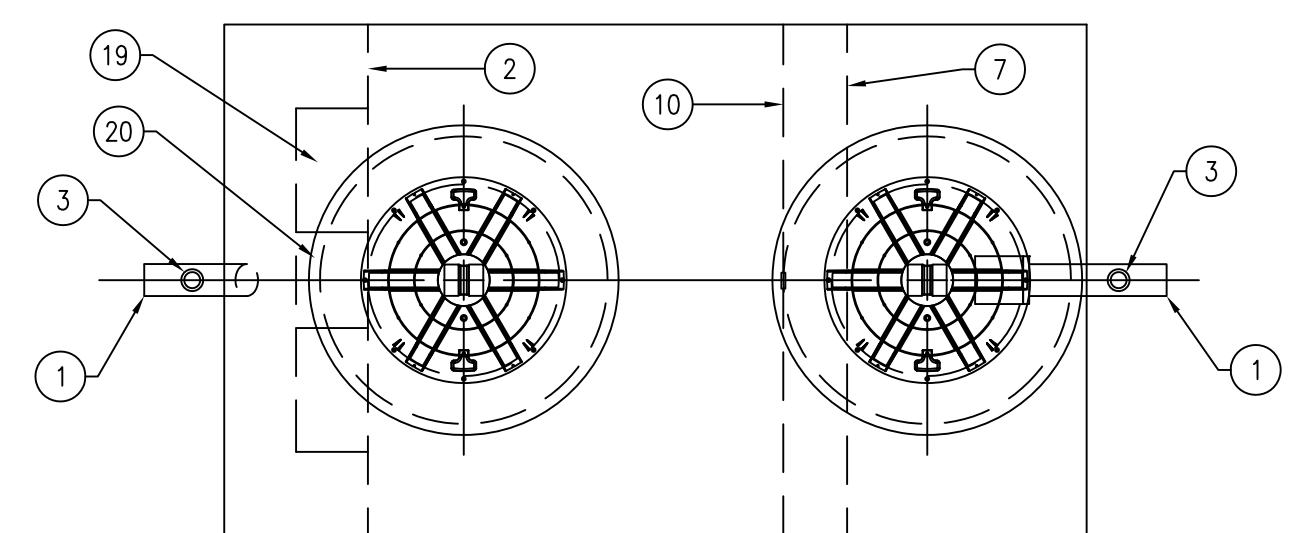
Contracts

| Classification | Conditions | Bonding | Bid Date | Bids To | Bid Type |
|--------------------|------------|-------------------------------------|-----------|---------|--------------|
| General Contractor | | Bid:10.00%,Perf:100.00%,Pay:100.00% | 4/19/2017 | Owner | Open Bidding |

History

| User | Viewed | First Viewed Date | Currently Tracked? | Date Tracked |
|------------|--------|-------------------|--------------------|--------------|
| Adam Sweet | True | 3/13/2017 | False | |

GREASE INTERCEPTOR SIZING
INTERCEPTOR BASED ON A 30
MINUTE RETENTION TIME WITH A
FLOW RATE OF 37.7 GPM FROM
A 4 INCH DRAIN SLOPED @ 1/8"
PER FOOT

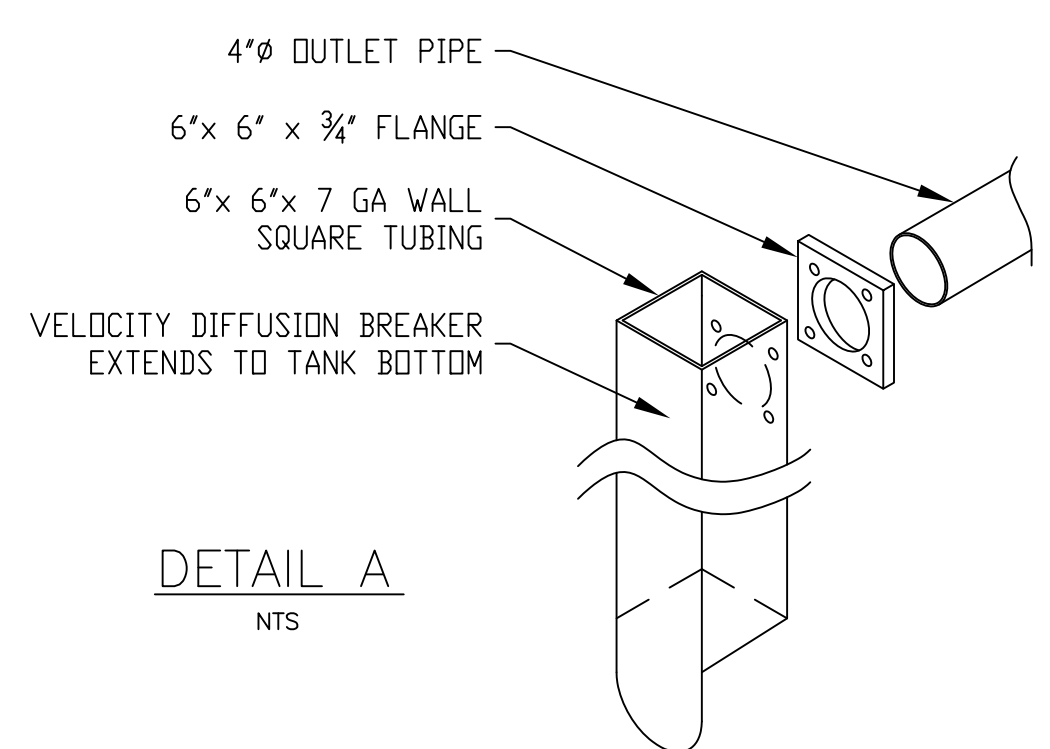
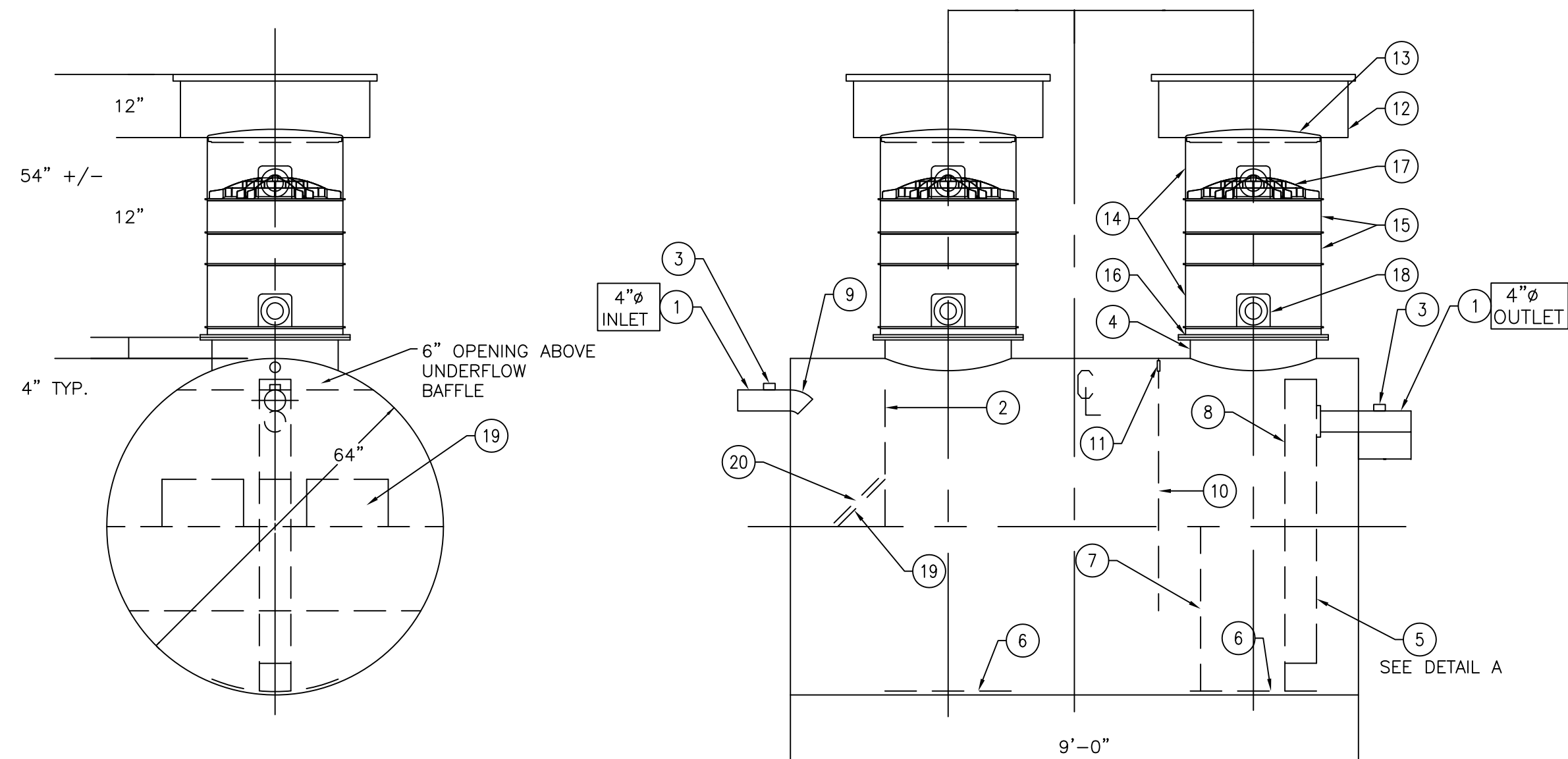


GENERAL SPECIFICATIONS

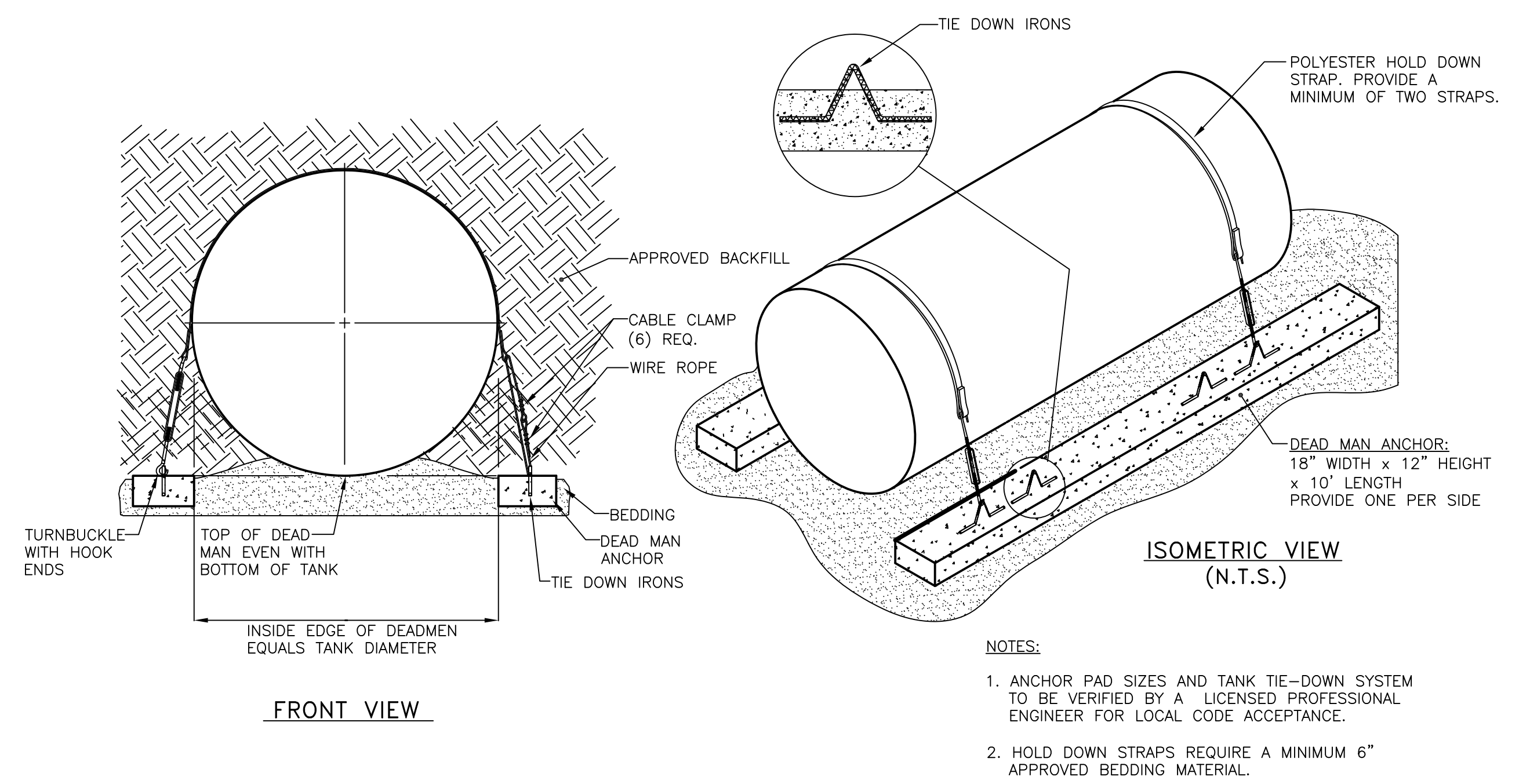
QUANTITY: ONE (1)
MODEL: PG-1500-2
NOMINAL CAPACITY: 1,500 GALLONS
STATIC WATER CAPACITY: 1,260.6 GALLONS
TYPE: SINGLE WALL, HIGHGUARD, UNDERGROUND
MATERIAL: MILD CARBON STEEL
GAUGE OF SHELL: 7 GA
GAUGE OF HEADS: 7 GA
GAUGE OF MATERIAL BASED ON MAXIMUM BURIAL DEPTH
OF 60"
LAP FIT AND WELD INTERIOR AND EXTERIOR SEAMS
SURFACE PREP: SSPC-SP 10 BLAST INTERIOR SURFACES
SSPC-SP 6 BLAST EXTERIOR SURFACES
COATING, EXTERIOR: HIGHGUARD POLYURETHANE-75 MILS
COATING, INTERIOR: POLYURETHANE - 15 MILS
OPERATING PRESSURE: ATMOSPHERIC
NOTE: MINIMUM OF ONE 2" VENT PIPE MUST BE
INSTALLED IN EACH MANWAY RISER

PROVIDED EQUIPMENT

1. 4" SCH 40 PIPE STUB W/ 2" NPT FTG FOR VENT
2. UNDERFLOW BAFFLE - 7 GA
3. 2" NPT FTG FOR VENT
4. 24" MANWAY FOR STACKABLE RISER
5. STEEL OUTLET DOWNCOMER BAFFLE W/ OPEN TOP FOR EFFLUENT SAMPLING
6. 1/4" STRIKER PLATE (AT ALL MANWAYS)
7. SLUDGE BAFFLE - 7 GA
8. VELOCITY DIFFUSION BREAKER
9. 4" 45° DIFFUSION ELBOW
10. GREASE DAM - 7 GA
11. 2" OPENING FOR AIR CIRCULATION
12. 36" GRADE-LEVEL MANWAY - SHIPPED LOOSE
13. 24" PVC COVER
14. 24" x 12" STACKABLE RISER - ALL STACKABLE RISER COMPONENTS ARE PRE-ASSEMBLED AND COMPLETE. MANWAY RISER IS SHIPPED LOOSE.
15. 24" x 6" STACKABLE RISER
16. STACKABLE RISER ADAPTER RING & GASKET
17. STACKABLE RISER SAFETY SCREEN
18. KNOCKOUT FOR VENT PIPING - (4) KNOCKOUTS PER EACH 12" RISER SECTION
19. DIFFUSION BAFFLE - 1/4"
20. 12" x 12" WEAR PLATE - 1/4"



1 GREASE INTERCEPTOR DETAIL
NOT TO SCALE



NOTES:

1. ANCHOR PAD SIZES AND TANK TIE-DOWN SYSTEM TO BE VERIFIED BY A LICENSED PROFESSIONAL ENGINEER FOR LOCAL CODE ACCEPTANCE.
2. HOLD DOWN STRAPS REQUIRE A MINIMUM 6" APPROVED BEDDING MATERIAL.

2 GREASE INTERCEPTOR HOLD DOWN DETAIL
NOT TO SCALE



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These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

**PLUMBING
DETAILS**

PROJECT TITLE:

**NORTH HANOVER SCHOOL DISTRICT
ENDEAVOUR SCHOOL**
DOE #3650-N02-15-1000
SCHOOL ROAD
JOINT BASE MCGUIRE-DIX-LAKEHURST
NORTH HANOVER TWP, NJ 08641

SUBMISSION:

| | |
|----------|----------------------|
| 03.14.16 | SCHEMATIC SUBMISSION |
| 01.04.17 | ICC REVIEW |
| 03.07.17 | BID |

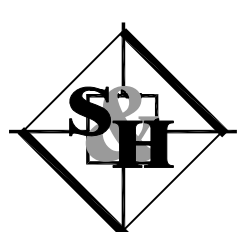
| DATE | REVISIONS | REV |
|----------|--------------|-----|
| 02.17.17 | ICC COMMENTS | 1 |

Date: 03.07.2017
Scale: AS NOTED
Drawn by: JCC
Checked by: RLD
Job No.: 2141118
Drawing No.:

Richard L Delp

N.J. Professional Engineer GE45368

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