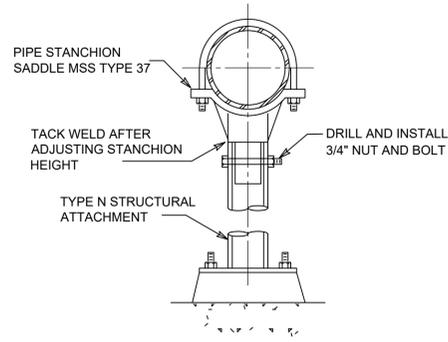


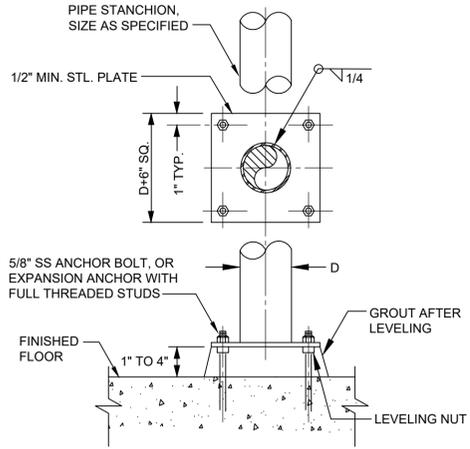
### MECHANICAL GENERAL NOTES

- SEE SPECIFICATION SECTION 02615 (DUCTILE IRON PIPE), 02617 (INSTALLATION AND TESTING OF PRESSURE PIPE), AND 02640 (VALVES AND APPURTENANCES FOR GENERAL PIPING SYSTEM REQUIREMENTS).
- THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN IS NOT INTENDED TO SHOW DIMENSIONS PARTICULAR TO A SPECIFIC EQUIPMENT MANUFACTURER. THE DRAWINGS ARE IN PART DIAGRAMMATIC AND SOME FEATURES OF EQUIPMENT AND PIPING MAY REQUIRE REVISION TO MEET ACTUAL FIELD REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE AND CONFIRM ALL CRITICAL DIMENSIONS FOR ACTUAL EQUIPMENT AND PIPING PROVIDED AND SHALL PROVIDE ALL REVISIONS NECESSARY TO THE EQUIPMENT, EQUIPMENT PADS AND PIPING LAYOUT AS REQUIRED. THESE REVISIONS SHALL BE SUBMITTED WITH THE PIPING LAYOUT DRAWINGS.
- MECHANICAL DRAWINGS SHOW EXISTING EQUIPMENT, PIPING AND STRUCTURES IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION. HOWEVER CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL EXISTING CONDITIONS PRIOR TO SUBMISSION OF PIPING LAYOUT DRAWINGS AND COMMENCEMENT OF WORK. CONTRACTOR SHALL PROVIDE ALL BENDS, OFFSETS, ADDITIONAL PIPING, WALL AND FLOOR PENETRATIONS, EXISTING PIPE REROUTING, ETC. AS REQUIRED TO CONFORM WITH EXISTING CONDITIONS.
- THE DRAWINGS ARE IN PART DIAGRAMMATIC. PIPING LAYOUT DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL CLARIFY DETAILED CONNECTIONS TO AND AVOIDANCE OF NEW AND EXISTING EQUIPMENT, PIPING AND STRUCTURES. PIPING FITTING ANGLES AND VERTICAL AND HORIZONTAL LOCATION SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR SHALL INCLUDE FITTING ANGLES, AND VERTICAL AND HORIZONTAL PIPE LOCATIONS ON PIPING LAYOUT DRAWINGS AND SHALL PROVIDE ALL PIPING, FITTINGS, WALL AND FLOOR PENETRATION, AND ANCILLARY DEVICES AS SHOWN, SPECIFIED AND REQUIRED TO PROVIDE A FULLY FUNCTIONAL SYSTEM.
- ALL PIPING CONNECTED TO EQUIPMENT SHALL BE PROVIDED WITH A FLANGED COUPLING ADAPTER, EQUIPMENT CONNECTION FITTING OR DISMANTLING JOINT.
- HEADROOM CLEARANCE TO ANY EQUIPMENT OR PIPING OVERHEAD SHALL BE 7'-6" MINIMUM UNLESS SPECIFICALLY SHOWN OTHERWISE. THIS SHALL INCLUDE THE CLEARANCE TO THE LOWER PORTION OF ANY PIPE SUPPORT SYSTEM.
- 1" GAUGE TAPS WITH CAPS SHALL BE PROVIDED IMMEDIATELY UPSTREAM AND DOWNSTREAM OF ALL PUMPS.
- EXISTING PIPE MATERIAL TYPES MAY NOT BE THE SAME AS MATERIAL TYPES SPECIFIED FOR NEW PIPING. CONTRACTOR SHALL VERIFY PIPE MATERIAL AND JOINTS PRIOR TO COMMENCEMENT OF WORK. SEE DRAWING GENERAL DRAWINGS FOR PIPE SERVICE, ABBREVIATIONS AND PIPE LEGEND.
- SIZES OF EQUIPMENT FOUNDATIONS AND EQUIPMENT PADS INDICATED ON THE DRAWINGS ARE APPROXIMATE. EXACT DIMENSIONS SHALL BE DETERMINED BY THE CONTRACTOR FOR THE SPECIFIC EQUIPMENT FURNISHED. ALL FLOOR MOUNTED EQUIPMENT SHALL BE SET ON CONCRETE PADS CONFORMING TO DETAILS SHOWN ON THE STRUCTURAL AND MECHANICAL DRAWINGS.
- PIPING SHALL BE INSTALLED SUCH THAT ADJACENT PIPING SYSTEMS DO NOT NEED TO BE DISTURBED IN ORDER TO TAKE APART PIPING.
- UNLESS SPECIFICALLY NOTED OTHERWISE, ALL REDUCERS IN HORIZONTAL PIPING IN LIQUID CARRYING PIPING SHALL BE TOP-FLAT ECCENTRIC REDUCERS.



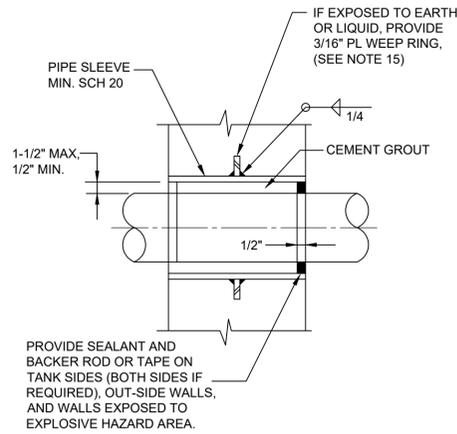
ADJUSTABLE STANCHION - 4" THROUGH 24" PIPE

DETAIL A  
VAR  
SCALE: NONE



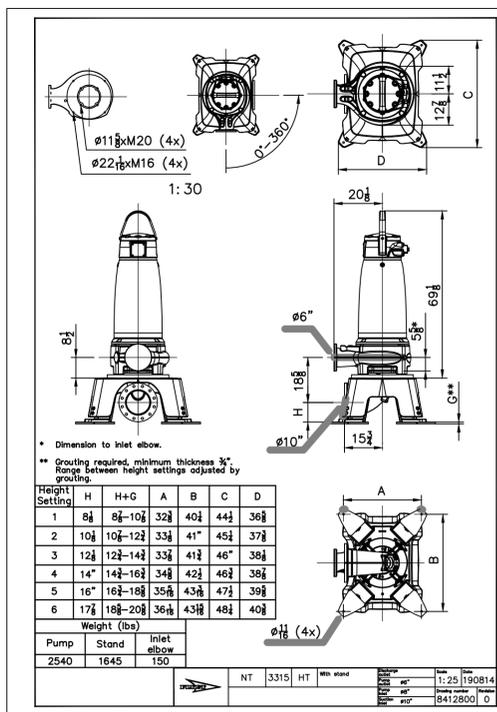
TYPE N PIPE STANCHION FLOOR ATTACHMENT

DETAIL B  
VAR  
SCALE: NONE



TYPE E PIPE PENETRATION FOR WALLS

DETAIL C  
VAR  
SCALE: NONE

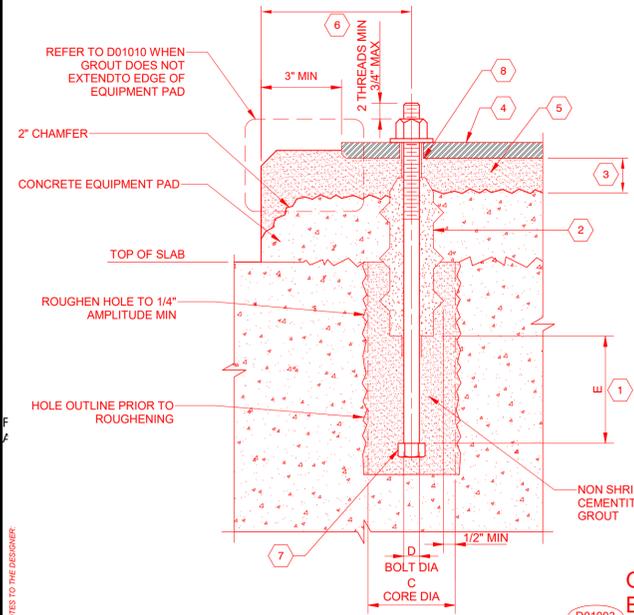


STEEL PEDESTAL SUPPORT

DETAIL D  
VAR  
SCALE: NONE

### GENERAL NOTES:

- THE CAST IRON METAL PEDESTAL SHALL BE DIRECT FLOOR MOUNTING. THE PEDESTAL AND ANCHORAGE SHALL BE PER PUMP MANUFACTURER/CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 3" OF EPOXY GROUT (SIKADUR 42 OR EQUAL) ABOVE THE FINISHED FLOOR ELEVATION TO FORM A PAD TO ELEVATE THE STEEL PEDESTAL FROM THE FINISHED FLOOR.
- CONTRACTOR SHALL CORE ANCHOR HOLES IN EXISTING CONCRETE. THE CONTRACTOR SHALL FIELD LOCATE REINFORCING BARS WITHIN THE EXISTING CONCRETE SLAB BY X-RAY OR OTHER MEANS TO AVOID DAMAGE/CUTTING EXISTING REINFORCING BARS. IF REINFORCING BARS ARE DAMAGED, CONTRACTOR SHALL APPLY CORROSION INHIBITOR (SIKA FERROGARD 903 OR EQUAL) TO EXPOSED REINFORCING PER MANUFACTURER REQUIREMENTS. NO REINFORCING BAR SHALL BE CUT UNLESS APPROVED. CLEAN AND APPLY BONDING AGENT (SIKADUR 32 HI-MOD OR EQUAL) TO EXISTING CONCRETE SURFACE PRIOR TO GROUT APPLICATION.
- ROUGHEN SLAB SURFACE TO 1/4" AMPLITUDE. REMOVE ALL LAITANCE AND LOOSE MATERIAL. SURFACE PREPARATION AND APPLICATION FOR BONDING AGENT SHALL BE PER MANUFACTURER'S RECOMMENDATION BEFORE PLACING EPOXY GROUT. EXTENT OF ROUGHENED AREA SHALL BE 2 INCHES BEYOND THE PERIMETER OF THE EQUIPMENT PAD.



BOLT DIAMETER "D"	CORE DIAMETER "C", MIN	EMBEDMENT "E", MIN
1/2"	3 1/2"	8"
5/8"	3 1/2"	8"
3/4"	3 1/2"	8"
7/8"	3 1/2"	8"
1"	5"	8"
1 1/8"	5"	8"
1 1/4"	5"	10"
1 3/8"	5"	10"
1 1/2"	6"	12"
1 5/8"	6"	14"
1 3/4"	6"	16"
1 7/8"	6"	18"
2"	6"	20"

### KEY NOTES:

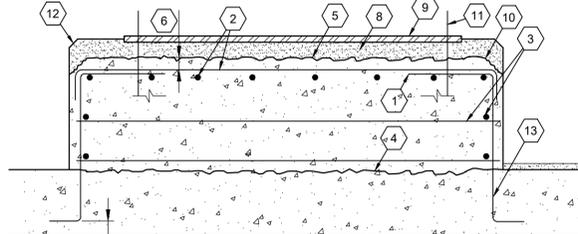
- EMBEDMENT LENGTH, E, EXTENDS FROM BOTTOM OF SLEEVE OR EXTENDS FROM TOP OF STRUCTURAL SLAB IF NO SLEEVE OR BOTTOM OF SLEEVE IS ABOVE STRUCTURAL SLAB. SEE TABLE FOR EMBEDMENT DEPTH, E, AND CORE DIAMETER, C.
- EQUIPMENT ANCHOR SHOWN WITH RIBBED PLASTIC SLEEVE. SEE SECTION 11050 AND 05501 FOR SLEEVE OPTIONS AND REQUIREMENTS.
- MINIMUM GROUT THICKNESS BETWEEN THE SURFACE OF THE CONCRETE EQUIPMENT PAD AND THE LOWER BASEPLATE FLANGE, UNDERSIDE OF SOLEPLATE, OR UNDERSIDE OF FABRICATED STEEL FRAME (MOUNTING PLATE) PER GROUT MANUFACTURER'S RECOMMENDATIONS.
- FINISHED ELEVATION OF MOUNTING PLATE. SEE CONTRACT DRAWINGS FOR EQUIPMENT POSITION AND ELEVATION.
- GROUT THICKNESS PER GROUT MANUFACTURER'S RECOMMENDATIONS. INSTALL PER SPECIFICATION SECTION 11050 AFTER LEVELING MOUNTING PLATE.
- MINIMUM EDGE DISTANCE EQUALS GREATER OF 6" OR 4D.
- HEAVY HEX HEADED BOLT OR ALL-THREAD WITH NUT FULLY ENGAGED AND WELDED TO ALL-THREAD. WELD STAINLESS STEEL ALL-THREAD AND NUT PER AWS D1.6.
- PROTECT ANCHOR FROM GROUT ABOVE STRUCTURAL SLAB (OR ABOVE SLEEVE) WITH THREE LAYERS OF DUCT TAPE.

GRouted EQUIPMENT ANCHOR BOLTS FOR RIGID EQUIPMENT MOUNTS

DETAIL E  
VAR  
SCALE: NONE

### KEY NOTES:

- #4 @ 12" DOWELS FOR PADS ≤ 12" HIGH (#5 @ 12" FOR PADS > 12" HIGH) WITH 90 DEGREE STANDARD HOOK. PROVIDE 10" EMBEDMENT INTO STRUCTURAL SLAB OR HOOK BARS AT BOTTOM OF SLAB IF SLAB IS LESS THAN 12" THICK.
- #4 @ 12" EACH WAY. TERMINATE WITH STANDARD HOOKS OR CLASS B LAP SPLICE WITH DOWEL HOOKS.
- #4 CLOSED TIES @ 8" WITH 135° END HOOKS OR U-SHAPED BARS WITH LAP SPLICES.
- ROUGHEN SLAB SURFACE TO 1/4" AMPLITUDE. REMOVE ALL LAITANCE AND LOOSE MATERIAL. APPLY BONDING AGENT 30 MINUTES OR LESS BEFORE PLACING CONCRETE. EXTENT OF ROUGHENED AREA SHALL BE 2 INCHES INSIDE THE PERIMETER OF THE EQUIPMENT PAD.
- AFTER THE CONCRETE IS FULLY CURED, THE TOP OF THE EQUIPMENT PAD SHALL BE ROUGHENED PER SPEC SECTION 11002.
- MINIMUM 1" CLEAR AFTER ROUGHENING TOP OF EQUIPMENT PAD.
- THE CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL CONDUIT AND DRAINAGE PIPING PENETRATIONS WITHIN THE EQUIPMENT PAD. ALL PENETRATIONS SHALL STUB-UP ON THE SAME SIDE OF THE EQUIPMENT AS REQUIRED FOR CONNECTION TO EQUIPMENT. EQUIPMENT PAD DRAINS SHALL BE LOCATED AT DRAINAGE CONNECTIONS FROM EQUIPMENT. EQUIPMENT PAD SHALL BE CONFIGURED ACCORDINGLY.
- EQUIPMENT PAD GROUT. MINIMUM THICKNESS PER GROUT MANUFACTURER'S INSTRUCTIONS.
- BASEPLATE, SOLEPLATE OR FABRICATED STEEL FRAME.
- 2-INCH ROUGHENED CHAMFER IN CONCRETE EQUIPMENT PAD ALL AROUND WHERE GROUT EXTENDS TO EDGE OF PAD.
- PRIOR TO CONCRETE PLACEMENT, EQUIPMENT ANCHORS SHALL BE ACCURATELY SET ACCORDING TO THE EQUIPMENT MANUFACTURER'S MOUNTING TEMPLATE AND FIRMLY SECURED TO PREVENT SHIFTING DURING CONCRETE PLACEMENT.
- 3/4-INCH CHAMFER IN EQUIPMENT PAD GROUT ALL AROUND.
- FOR CONDITION WHERE STRUCTURAL SLAB IS EXISTING, DRILL HOLE AND ADHESIVE GROUT DOWELS A MINIMUM OF 6" INTO THE SLAB FOR #4 DOWELS AND 7 1/2" FOR #5 DOWELS.

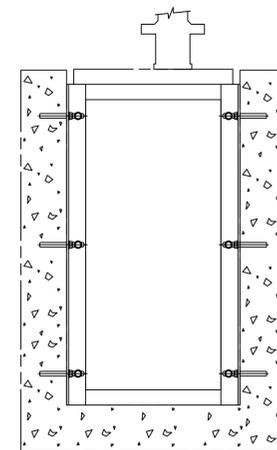


PUMP MOUNTING, LEVELING AND GROUTING

DETAIL F  
VAR  
SCALE: NONE

### NOTES:

- GROUT OR SEAL GAPS BETWEEN FRAME AND CHANNEL TO PREVENT ANY LARGE PARTICLES FROM PASSING.
- CHANNEL WIDTH SHALL EXCEED FRAME WIDTH BY 1/4" MIN.
- MANUFACTURER TO VERIFY ANCHORING REQUIREMENTS. DESIGN OF MOUNTING BRACKETS ARE SPECIFIC TO THE MANUFACTURER EQUIPMENT. THE MANUFACTURER SHALL BE RESPONSIBLE FOR SUBMITTING BRACKET AND ANCHORAGE DESIGN.



COMMINUTOR FRAME INSTALLATION DETAIL

DETAIL H  
VAR  
SCALE: NONE

DETAIL G  
VAR  
SCALE: NONE  
**NOT USED**



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ENGINEER OF RECORD  
R. GAYLORD, PE 80981

BID SET



### MASTER LIFT STATION N1-B REHABILITATION

### REVISIONS

REV	DATE	DESCRIPTION

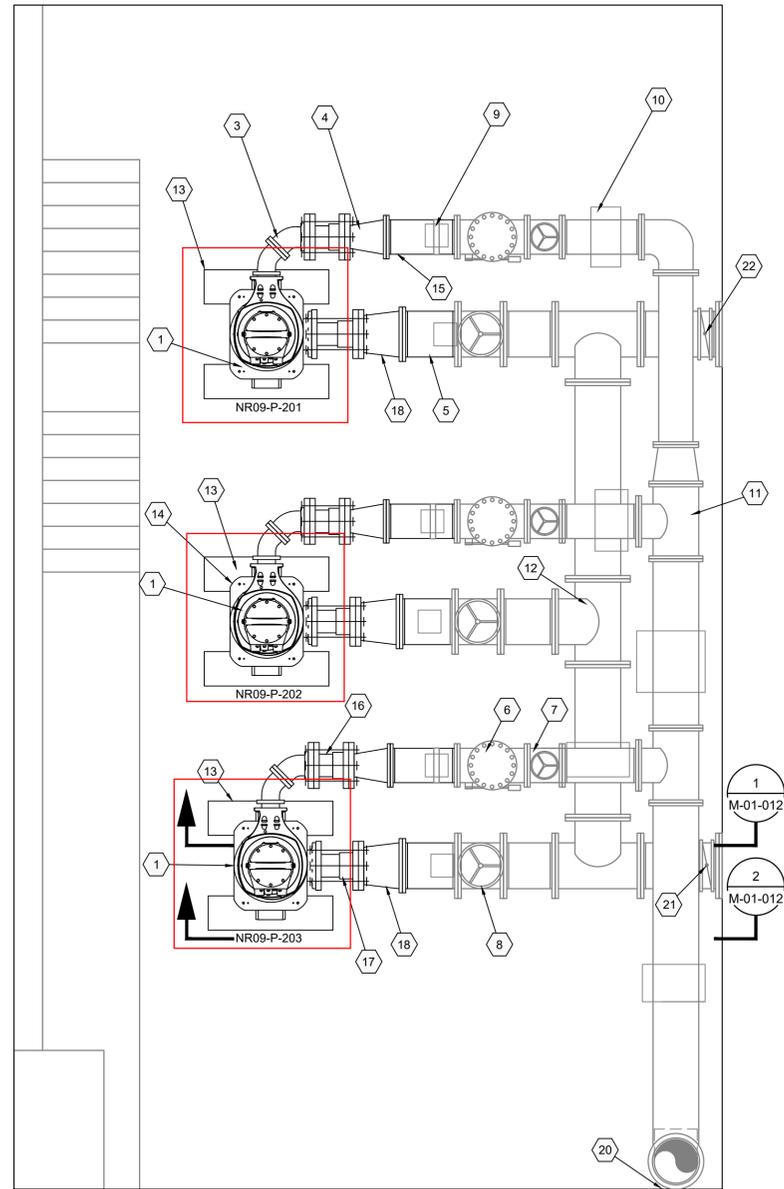
LINE IS 2 INCHES AT FULL SIZE

DESIGNED: B. SILLMAN  
DRAWN: P. VITERI  
CHECKED: S. HALL  
CHECKED: A. MOLDY  
APPROVED: R. GAYLORD  
FILENAME: 156470-M-00-001.DWG  
BC PROJECT NUMBER: 156470  
CLIENT PROJECT NUMBER: 6022388 / 6022389  
MECHANICAL

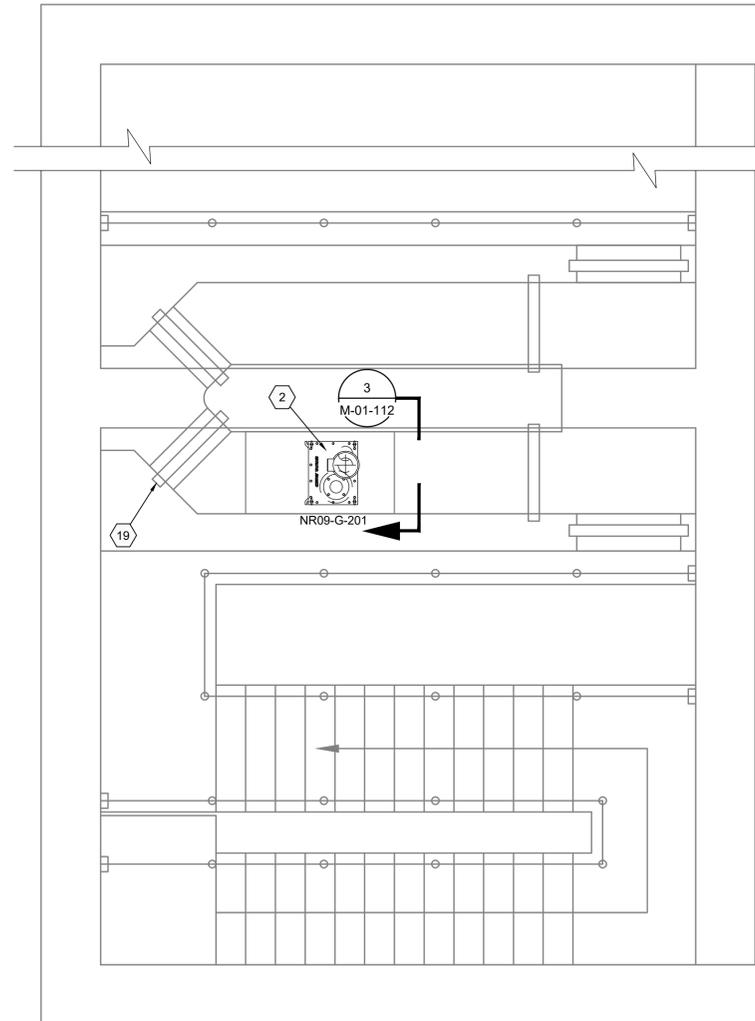
### MECHANICAL DETAILS 1

DRAWING NUMBER  
M-00-001

19 SHEET NUMBER OF 47



**MLS N1-B PUMP ROOM PLAN**  
SCALE : 3/8" = 1'-0"



**MLS N1-B WET WELL PLAN**  
SCALE : 3/8" = 1'-0"

**GENERAL NOTES:**

- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO REMOVAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING EQUIPMENT. ALL EXISTING EQUIPMENT DAMAGED BY THE CONTRACTOR SHALL BE EXPEDITIOUSLY REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. REFER TO SPECIFICATION SECTION 01530 TITLED "PROTECTION OF EXISTING FACILITIES" FOR ADDITIONAL DETAIL OF REQUIREMENTS.
- CONSTRUCTION, DEMOLITION AND RENOVATION SHALL COMPLY WITH NFPA 241.
- ANCHOR COMMUNUTOR PER MANUFACTURER'S RECOMMENDATION.
- FOR PUMP ANCHORING, MOUNTING, LEVELING AND GROUTING, SEE DETAILS E & F ON SHEET M-00-001.
- THE PUMPS SHALL BE MOUNTED ON A FABRICATED CAST IRON PEDESTAL THAT SHALL BE PROVIDED BY THE PUMP MANUFACTURER. THE DESIGN OF CAST IRON PUMP PEDESTAL SHALL BE BY THE PUMP MANUFACTURER. THE PEDESTAL SHALL BE DIRECTLY MOUNTED TO THE FLOOR (SEE DETAIL E ON SHEET M-00-001).
- THE DIRECT FLOOR MOUNTING SHALL INCLUDE A 3" LAYER OF EPOXY GROUT ABOVE THE FINISHED FLOOR ELEVATION TO RAISE THE PUMP PEDESTAL.

**KEYNOTES:**

- PUMPS (SEE ANCHORING, MOUNTING, LEVELING AND GROUTING DETAILS D & E/M-00-001)
- COMMUNUTOR. SEE DETAIL G/M-00-001 FOR ANCHORING REQUIREMENTS.
- 8" DI 45 BEND (FLANGED)
- 8" X 12" DI ECCENTRIC REDUCER (FLANGED)
- 16" DI PIPE (FLANGED)
- 12" SWING CHECK VALVE
- 12" GATE VALVE (EXISTING)
- 16" GATE VALVE (EXISTING)
- PIPE STANCHION (EXISTING)
- CONCRETE SADDLE AND PIPE SUPPORT (EXISTING)
- 12" (BRANCH) BY 16" (RUN) TEE (EXISTING)
- 16" TEE (EXISTING)
- CONCRETE PIER PUMP SUPPORT-TYP. (SEE DETAIL F/M-00-001) PUMP PEDESTAL SUPPORT (ATTACHED DETAIL D AND E/M-00-001)
- MOUNTING PLATE
- 12" DI PIPE (FLANGED)
- 8" EQUIPMENT CONNECTION FITTINGS, ROMAC ECF-400 OR APPROVED EQUAL
- 10" EQUIPMENT CONNECTION FITTINGS, ROMAC ECF-400 OR APPROVED EQUAL
- 10" X 16" DI ECCENTRIC REDUCER (FLANGED)
- 316 SS GUIDE CHANNEL
- REPLACE EXISTING 16" DI PIPE THROUGH WALL. TYPE "F" WALL PENETRATION. SEE DETAIL C/M-00-001.
- 16" BUTTERFLY VALVE



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**MASTER LIFT STATION N1-B REHABILITATION**

**REVISIONS**

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: B. SILLMAN

DRAWN: P. VITERI

CHECKED: S. HALL

CHECKED: A. MODY

APPROVED: R. GAYLORD

FILENAME

156470-M-01-111.DWG

BC PROJECT NUMBER

156470

CLIENT PROJECT NUMBER

6022388 / 6022389

MECHANICAL

**MLS N1-B ROOM PLAN**

DRAWING NUMBER

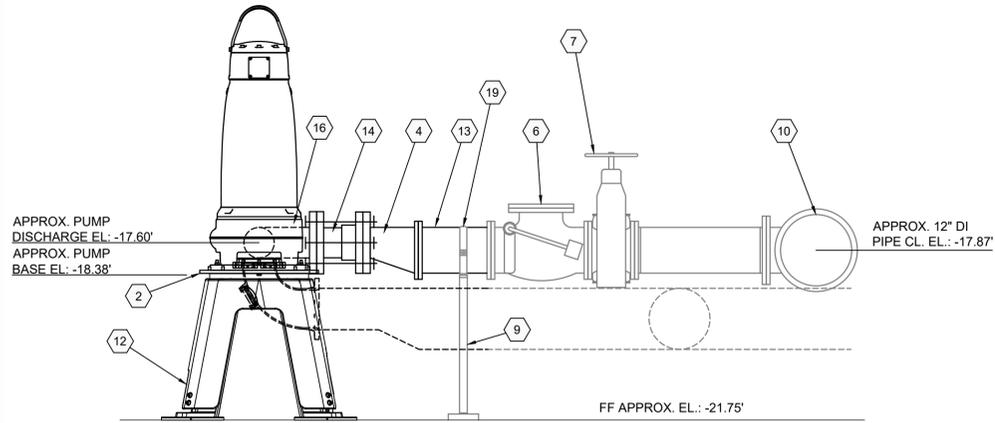
**M-01-111**

21 SHEET NUMBER OF 47

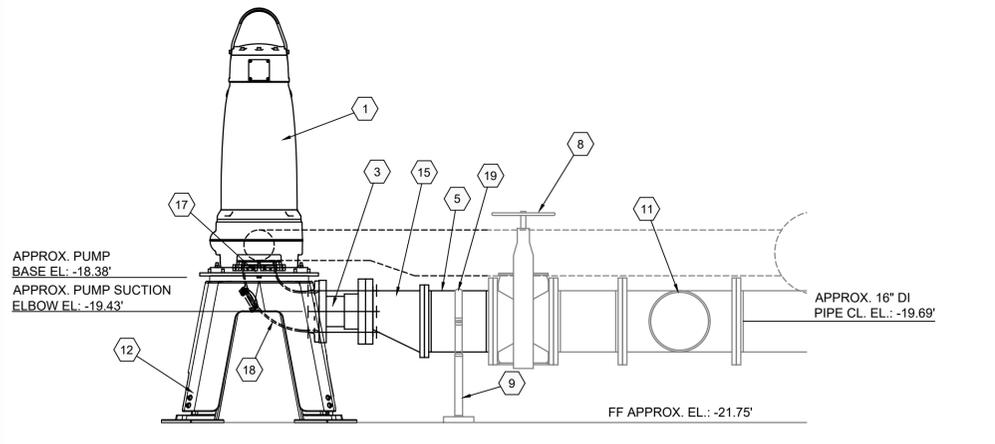
NOTE: BACKGROUND PLAN DRAWN BASED OFF IN-FIELD MEASUREMENTS

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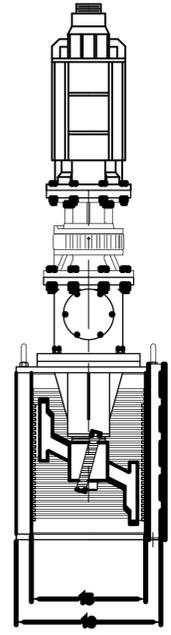
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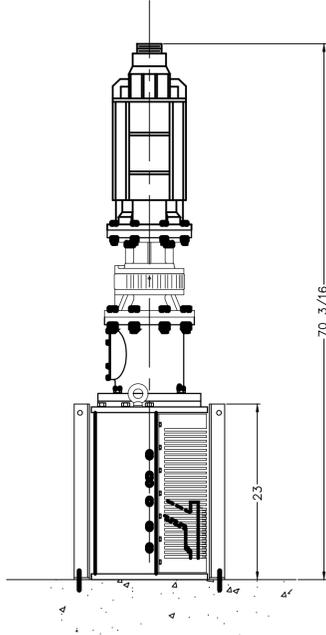
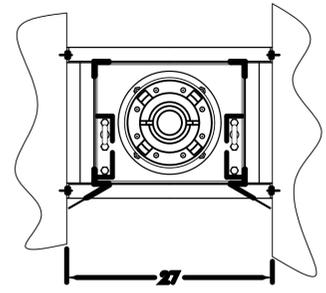
DISCHARGE PIPING  
SECTION 1  
SCALE: 1/2" = 1'-0" MD-01-012



SUCTION PIPING  
SECTION 2  
SCALE: 1/2" = 1'-0" MD-01-012



COMMUNITOR  
SECTION 3  
SCALE: 1 1/2" = 1'-0" M-01-012



**GENERAL NOTES:**

1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO REMOVAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING EQUIPMENT. ALL EXISTING EQUIPMENT DAMAGED BY THE CONTRACTOR SHALL BE EXPEDITIOUSLY REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. REFER TO SPECIFICATION SECTION 01530 TITLED "PROTECTION OF EXISTING FACILITIES" FOR ADDITIONAL DETAIL OF REQUIREMENTS.
3. CONSTRUCTION, DEMOLITION AND RENOVATION SHALL COMPLY WITH NFPA 241.
4. THE CONTRACTED WORK INCLUDES DEMOLITION OF THE THREE (3) EXISTING PUMPS PADS AND PEDESTALS. THE WORK ALSO INCLUDES ~~BUILDING PUMP CONCRETE PIERS~~, GROUTING, LEVELING, AND ANCHORING OF NEW PUMPS.
5. ANCHOR COMMUNITOR PER MANUFACTURER'S RECOMMENDATION.
6. THE APPROXIMATE ELEVATIONS WERE REFERENCED FROM THE ORIGINAL BUILDING RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY ELEVATIONS TO ENSURE THE PIPE AND PUMP DIMENSIONS, LENGTH, ELEVATIONS, AND CONNECTIONS ARE COMPATIBLE WITH THE ACTUAL ELEVATIONS.
7. FOR PUMP ANCHORING, MOUNTING, LEVELING AND GROUTING, SEE DETAILS E, ~~F, & G~~ ON SHEET M-00-001.
8. CONTRACTOR SHALL FIELD VERIFY THE ACTUAL VERTICAL DISTANCE BETWEEN THE CENTERLINE OF THE SUCTION ELBOW AND DISCHARGE OUTLET. THE DISTANCE SHALL BE COORDINATING WITH THE PUMP MANUFACTURER TO PROVIDE A SPACER OF SPOOL PIECE WITH GASKETS FOR PROPER PUMP DISCHARGE/SUCTION PIPING FITTING.
9. THE PUMPS SHALL BE MOUNTED ON A FABRICATED CAST IRON PEDESTAL THAT SHALL BE PROVIDED BY THE PUMP MANUFACTURER. THE DESIGN OF CAST IRON PUMP PEDESTAL SHALL BE BY THE PUMP MANUFACTURER. THE PEDESTAL SHALL BE DIRECTLY MOUNTED TO THE FLOOR (SEE DETAIL E ON SHEET M-00-001).
10. THE DIRECT FLOOR MOUNTING SHALL INCLUDE A 3" LAYER OF EPOXY GROUT ABOVE THE FINISHED FLOOR ELEVATION TO RAISE THE PUMP PEDESTAL.

**KEYNOTES:**

1. PUMP AND MOTORS (SEE ANCHORING, MOUNTING, LEVELING, AND GROUTING DETAILS ~~E, F, & G~~ ON SHEET M-00-001).
2. MOUNTING PAD **D&E**
3. 10" FLANGED ADAPTOR, ROMAC ECF-400 OR APPROVED EQUAL
4. 8" X 12" DI ECCENTRIC REDUCER (FLANGED)
5. 16" DI PIPE (FLANGED)
6. 12" SWING CHECK VALVE (EXISTING)
7. 12" GATE VALVE (EXISTING)
8. 16" GATE VALVE (EXISTING)
9. PIPE STANCHION (EXISTING)
10. 12" (BRANCH) BY 16" (RUN) TEE (EXISTING)
11. 16" TEE (EXISTING)
12. STEEL PEDESTAL PUMP SUPPORT (TYP) (SEE DETAIL D/M-00-001).
13. 12" DI PIPE (FLANGED)
14. 8" EQUIPMENT CONNECTION FITTING, ROMAC ECF-400 OR APPROVED EQUAL
15. 10" X 16" DI ECCENTRIC REDUCER (FLANGED)
16. 6" PUMP DISCHARGE (FLANGED)
17. 8" PUMP INLET (FLANGED)
18. 10" INLET ELBOW
19. 316 SS NUT, WASHER, AND PIPE STRAP



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**MASTER LIFT STATION N1-B REHABILITATION**

**REVISIONS**

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: B. SILLMAN  
DRAWN: P. VITERI  
CHECKED: S. HALL  
CHECKED: A. MODY  
APPROVED: R. GAYLORD  
FILENAME: 156470-M-01-112.DWG  
BC PROJECT NUMBER: 156470  
CLIENT PROJECT NUMBER: 6022388 / 6022389  
MECHANICAL

**MLS N1-B ROOM SECTIONS**

DRAWING NUMBER  
**M-01-112**

23 SHEET NUMBER OF 47

NOTE: BACKGROUND PLAN DRAWN BASED OFF IN-FIELD MEASUREMENTS