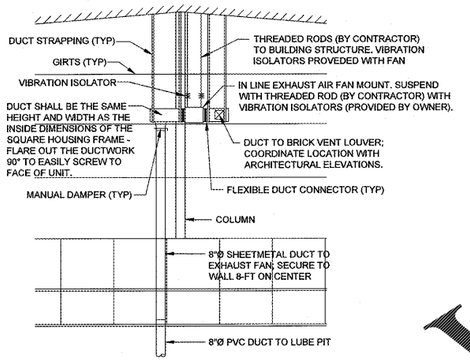
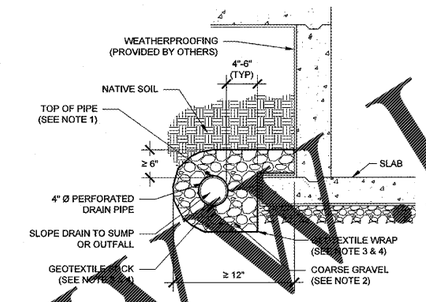
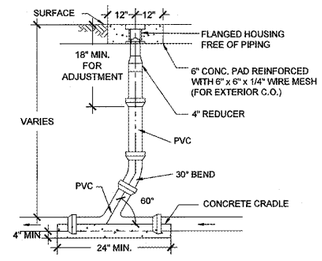


6 TIRE SHOP EXHAUST FAN SECTION
NTS



NOTES:
1. TOP OF PERFORATED PIPE MUST BE AT OR BELOW THE TOP OF FOOTING.
2. BACKFILL MUST BE USED AT LEAST ONE SIEVE SIZE (ROCK SIZE) LARGER THAN DIMENSIONS OF PERFORATIONS, OTHERWISE A GEOTEXTILE WRAP AROUND THE PIPE IS REQUIRED.
3. FOR NATIVE SOIL WITH LESS SAND CONTENT, A GEOTEXTILE BETWEEN THE BACKFILL AND NATIVE SOIL SHOULD BE USED. FOR NATIVE SOIL WHERE THE CLAY CONTENT EXCEEDS 50% OR THE SILT CONTENT EXCEEDS 40%, A GEOTEXTILE IS NOT REQUIRED AROUND THE PIPE. FOR NATIVE SOIL WITH LESS THAN 50% PASSING THE NO. 200 SIEVE, THE APPARENT OPENING SIZE (AOS) OF THE FABRIC SHOULD BE AT LEAST A NO. 30 SIEVE. FOR NATIVE SOIL WITH MORE THAN 50% PASSING THE NO. 200 SIEVE, THE AOS OF THE FABRIC SHOULD BE AT LEAST A NO. 50 SIEVE.

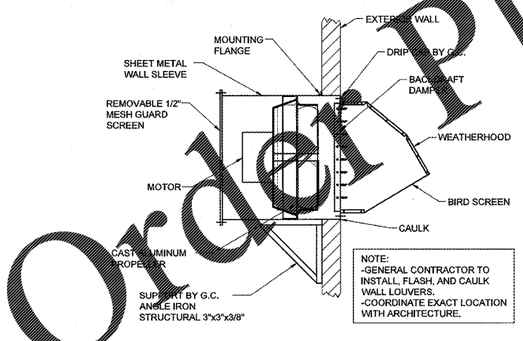
5 FOUNDATION & SUBSURFACE DRAIN INSTALLATION
NTS



SECTION VIEW

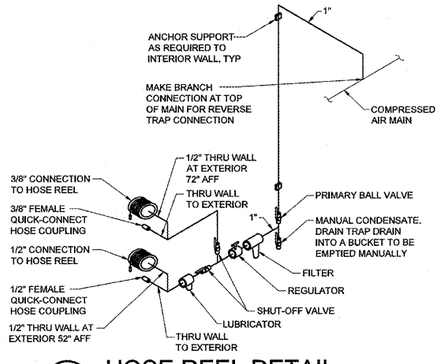
NOTES:
1. COVER SHALL HAVE A LOCKING LID MARKED "SEWER".
2. DESIGN BASIS IS JAY R. SMITH MODEL 4250; REFER TO SPECIFICATIONS

4 SANITARY SEWER CLEANOUT
SCALE: N.T.S.

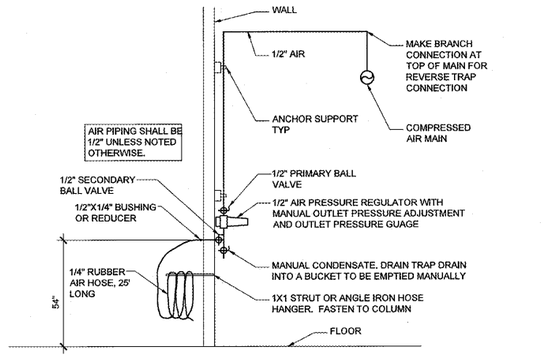


NOTE:
-GENERAL CONTRACTOR TO INSTALL, FLASH, AND CAULK WALL LOUVERS.
-COORDINATE EXACT LOCATION WITH ARCHITECTURE.

3 WALL EXHAUST FAN DETAIL
NTS



2 HOSE REEL DETAIL
NTS



OPERATION:
PRIMARY BALL VALVE IS OPENED, ALLOWING COMPRESSED AIR TO FLOW THROUGH TO TIRE. PRESSURE GAUGE ON THE REGULATOR INDICATES PRESSURE BEING SUPPLIED. PRIMARY VALVE IS CLOSED AND THE GAUGE INDICATES BACK-FEED IS CLOSED AND THE SECONDARY BALL VALVE IS OPENED, ALLOWING AIR TO EVACUATE FROM THE TIRE.

1 ELEVATION AT REMOTE INFLATION STATION
NTS

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING HIS WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

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LIGHT MECHANICAL SERVICE ADDITION

PROJECT NUMBER: 03-18-20613

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COMMONWEALTH OF VIRGINIA
GREG J. SCHLUTERMAN
Lic. No. 48795
PROFESSIONAL ENGINEER

OCT 25 2018

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