

**Drummeys Rosane Anderson, Inc.**

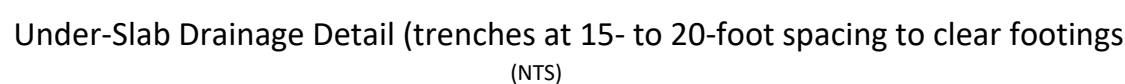
225 Oakland Road Studio 205 South Windsor, CT 06074	260 Charles Street Studio 300 Waltham, MA 02453
--	--

**Planning | Architecture | Interior Design**

Tel: 860.644.8300  
[www.draaes.com](http://www.draaes.com)

Wakefield, MA 01880

2. A MINIMUM OF 12 INCHES OF 34 OR 38 CRUSHED STONE PLACED BELOW THE SLAB.
3. THE CRUSHED SLOTTED PVP DRAINS SHALL BE INSTALLED WITH THEIR INVERTS AT LEAST 4 INCHES BELOW THE BOTTOM OF THE SLAB. THE SLOTTED PVP DRAINS SHALL BE INSTALLED IN TRENCHES PLACED AT 15 FEET APART. THE SLOTTED PVP DRAINS SHALL BE INSTALLED 15 FEET DEEP BELOW THE BOTTOM OF THE 12 INCHES OF CRUSHED STONE. THE SLOTTED PVP DRAINS SHALL BE INSTALLED WITH THE SLOTTED PVP DRAINS SHOULD CONNECT TO A 6 INCH SOLID PVP HEADPIPE THAT COLLECTS AND CHANNELS THE COLLECTION WATER OUT OF THE SITE.
4. CLEAN OUTS SHALL BE INCLUDED AT THE END OF THE PERFORMED DRAINAGE.
5. UNDER SLAB DRAINAGE PIPS SHALL CONSIST OF 8 INCH SCHEDULE 40 PIPES.
6. THE LAYOUT OF THE UNDER SLAB DRAINAGE SYSTEM SHOULD NOT BE CONNECTED TO OTHER DRAINAGE PIPES, PERIMETER DRAINS, OR R/O PIPES.
7. OUTLET PIPS SHALL BE SLOPED AWAY FROM THE BUILDING AS TO RETURN BACKVANS ON SITE TO SHOW IN THESE DRAWINGS IS TO SHOW THE GENERAL LAYOUT OF THE SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAINAGE SYSTEM TO BE INSTALLED UNDER THE SLAB DRAINAGE SYSTEM AS RECOMMENDED WITH FOUNDATIONS AND OTHER UTILITIES. THE SYSTEM SHALL BE INSTALLED UNDER THE PIPES SHALL BE REVIEWED AND APPROVED BY THE CITY.



**GT-0-1**

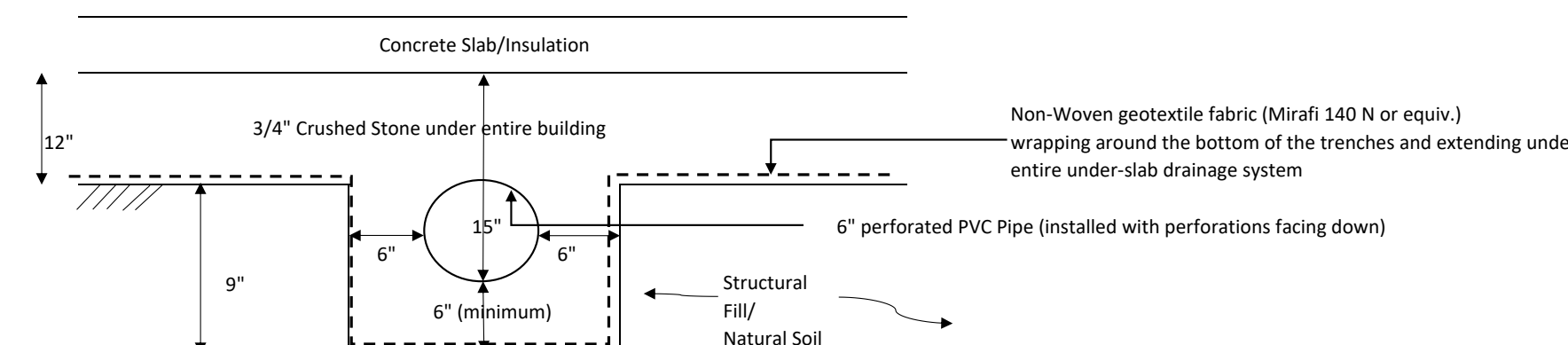
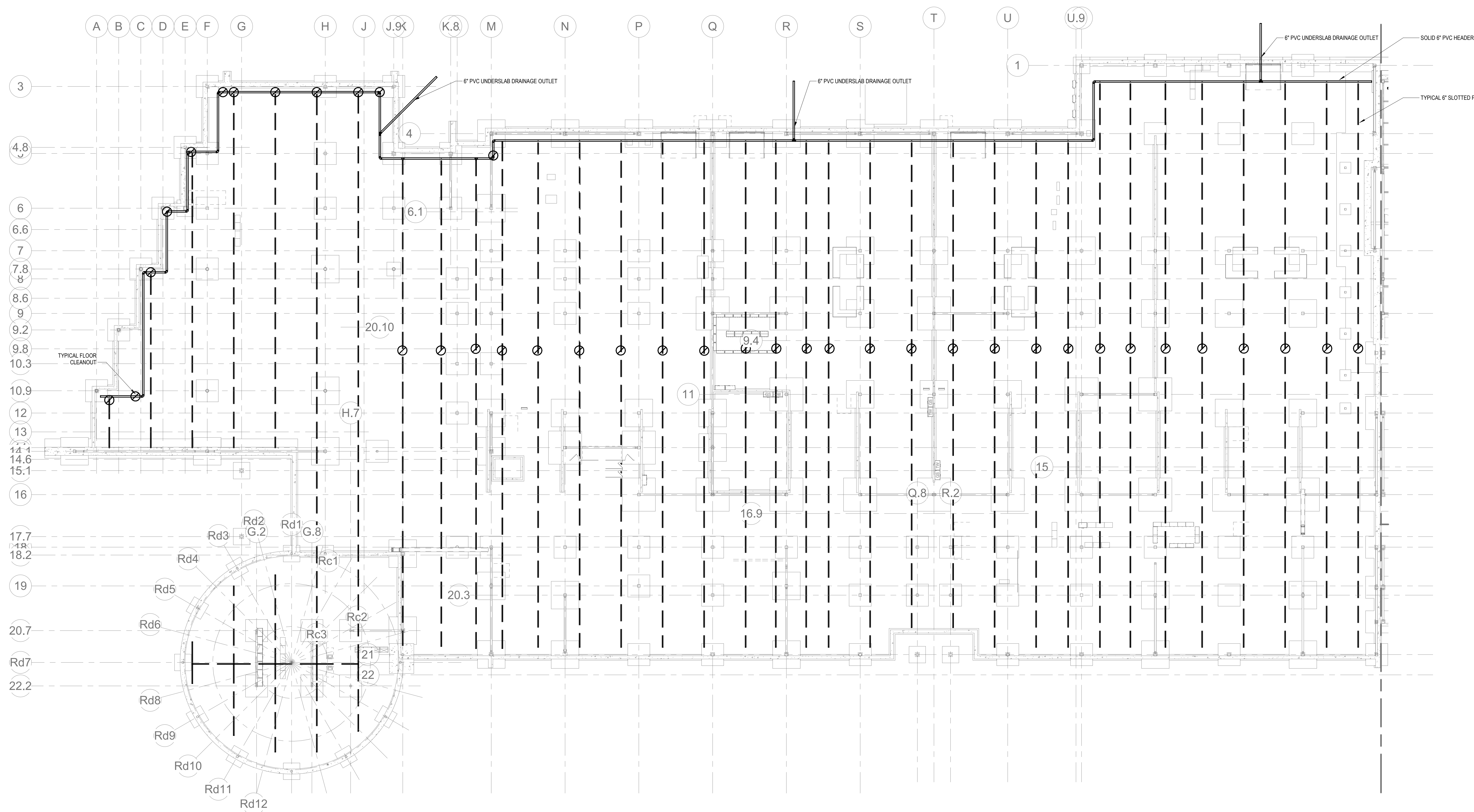
Northeast  
Metropolitan  
Regional  
Vocational High  
School

Wakefield, MA 01880

## SCOPE NOTES:

UNDERSLAB DRAINAGE SHALL CONSIST OF:

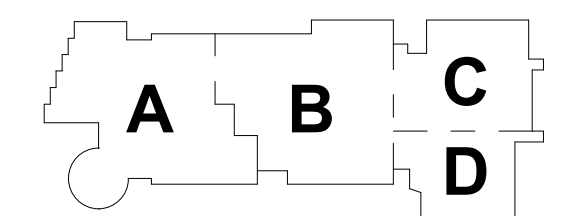
1. A MINIMUM OF 12 INCHES OF 3/4 INCH CRUSHED STONE PLACED BELOW THE SLAB
2. 6 INCH DIAMETER SLOTTED PVC PIPES INSTALLED WITH THEIR INVERTS AT LEAST 24 INCHES BELOW THE BOTTOM OF THE SLAB. THE PIPES SHALL BE INSTALLED IN TRENCHES PLACED AT 10-15 FEET APART. THE TRENCHES SHALL BE 18 INCHES WIDE AND 12 INCHES DEEP (BELOW THE BOTTOM OF THE 12 INCHES OF CRUSHED STONE) TO ALLOW PLACING CRUSHED STONE AROUND THE PVC PIPE.
3. THE SLOTTED PVC PIPES SHOULD CONNECT TO A 6 INCH SOLID PVC HEADER PIPE THAT COLLECTS AND CHANNELS THE COLLECTED WATER OUT OF THE BUILDING.
4. CLEAN OUTS SHALL BE INCLUDED AT THE END OF THE PERFORATED PIPES.
5. UNDER SLAB DRAINAGE PIPES SHALL CONSIST OF 6 INCH SCHEDULE 40 PVC.
6. THE LAYOUT OF THE UNDER SLAB DRAINAGE SYSTEM SHOULD NOT BE CONNECTED TO OTHER DRAINAGE PIPES, PERIMETER DRAINS, OR ROOF LEADERS.
7. OUTLET PIPES SHALL BE SLOPED AWAY FROM THE BUILDING AS TO PREVENT BACKFLOW INTO THE BUILDING.
8. THE UNDERSLAB DRAINAGE SYSTEM SHOWN IN THESE DRAWINGS IS TO SHOW THE GENERAL LAYOUT OF THE SYSTEM. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS SHOWING UNDERSLAB DRAINAGE SYSTEM AS RECONCILED WITH FOUNDATIONS AND OTHER UTILITIES. THE SYSTEM SHALL NOT BE INSTALLED UNTIL THE SHOP DRAWINGS ARE REVIEWED AND APPROVED.

Under-Slab Drainage Detail (trenches at 15- to 20-foot spacing to clear footings)  
(NTS)1  
GT-02  
GEOTECHNICAL PLAN - WEST  
1/16" = 1'-0"

© COPYRIGHT 2021 DRUMMEY ROSANE ANDERSON, INC.

MSBA DESIGN  
DEVELOPMENT  
SUBMISSION

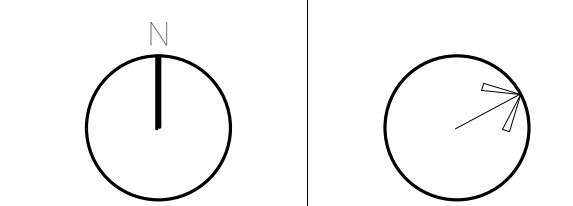
August 4th, 2022



KEY PLAN

PROJECT NORTH

MAGNETIC NORTH

GEOTECHNICAL  
PLAN WEST

Scale: 1/16" = 1'-0"

Job No.: 6020409

Drawn By: DRA

Date: August 4th, 2022

GT-0-2