



- GRADING AND DRAINAGE NOTES:**
1. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES IN THE FIELD. COORDINATE AND COMPLY WITH NEW YORK STATE CODE 83 REQUEST REQUIREMENTS.
 2. ALL STRUCTURES TO REMAIN SHALL BE PROTECTED UNLESS OTHERWISE NOTED TO BE DEMOLISHED.
 3. THE CONTRACTOR SHALL CHECK AND VERIFY ALL PROPOSED GRADES, DIMENSIONS, EXISTING CONDITIONS AND UTILITIES AND REPORT ANY DISCREPANCIES TO THE COTR FOR HIS DIRECTION BEFORE PROCEEDING WITH THE WORK.
 4. THE USER OF THESE DRAWINGS IS CAUTIONED THAT UNDERGROUND UTILITIES AND FOUNDATIONS AS SHOWN ARE NOT GUARANTEED. NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES AND FOUNDATIONS, WHETHER ABANDONED OR FUNCTIONAL, ARE SHOWN ON THESE DRAWINGS.
 5. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN WORKING NEAR EXISTING TREES.
 6. ALL PAVEMENTS AND LAIRS SHALL HAVE A PITCH THAT ALLOWS POSITIVE DRAINAGE IN THE DIRECTION OF A DRAINAGE COURSE OR STRUCTURE.
 7. ALL PAVED AREAS OR WALKS SHALL HAVE A TYPICAL PITCH OR CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED BY CONTOUR LINES OR SPOT ELEVATIONS.
 8. ALL FINAL GRADING SHALL BE APPROVED BY THE ARCHITECT PRIOR TO PLANTING, SEEDING, OR SODDING.
 9. ALL GRADING WORK SHALL BE STAKED OUT USING GRADE STAKES.
 10. ALL SLOPES SHALL BE GRADED, TRIMMED AND BLENDED TO MEET SURROUNDING TERRAIN CONDITIONS ACCORDING TO THE TYPICAL SECTIONS OR CONTOUR LINES AS SHOWN OR AS DIRECTED BY THE COTR.
 11. ALL FILL MATERIAL SHALL BE FREE FROM ROOTS AND OTHER ORGANIC MATERIAL, TRASH AND FROZEN MATERIAL. NO STONES LARGER THAN 2" IN ANY DIMENSION SHALL BE PERMITTED.
 12. NEW PIPE IN WAREHOUSE TO NEW 15" CAST IRON PIPE TO BE CONNECTED BY A FLEXIBLE COUPLING. MODEL: 1056-B/B WITH REDUCER BUSHING PUT INSIDE TO REDUCE DOWN 5/8" TO 1/2" AS MANUFACTURED BY PERGO FLEXIBLE COUPLINGS, 1810/633/86/16 AS DISTRIBUTED BY UNIWATER, 918/438/311.
 13. CONTRACTOR SHALL PLAN AND PHASE WORK TO MINIMIZE DISRUPTION TO HOSPITAL TRAFFIC. THE NEW SCOTLAND ENTRANCE MUST REMAIN OPEN AT ALL TIMES AS IT IS AN EMERGENCY ACCESS ROUTE TO THE HOSPITAL.
 14. CONTRACTOR TO PLUG AND SEAL HOLE IN 8" MANHOLE STRUCTURE WITH PORTLAND CEMENT GROUT AT ENTRANCE POINT OF EXISTING TEMPORARY 15" PIPE CONNECTION.

GRADING LEGEND

- × (479.8) EXISTING SPOT GRADE
- - - 479 EXISTING CONTOUR
- EXISTING VEGETATION TO REMAIN
- EXISTING LIGHT TO REMAIN
- - - 478.92 NEW CONTOUR
- NEW SPOT GRADE
- POINT OF TC/BC SPOT ELEVATION
- - - NEW CONCRETE CURB
- - - EXISTING SUBSURFACE PIPE
- - - EXISTING WATER MAIN LINE
- - - NEW PAVEMENT AND NEW CURB TO MEET EXISTING AT FLUSH CONDITION
- NEW DECIDUOUS TREE
- NEW PLANTING BED
- NEW DROP CURB
- - - 12" PIPE NEW SUBSURFACE PIPE
- NEW SANITARY MANHOLE
- NEW ROAD BASIN
- NEW HYDRODYNAMIC SEPARATOR
- NEW BUILDING ADDITION- SEE ARCHITECTURAL DRAWINGS
- - - NEW CHILLER PIPING TUNNEL
- PORTION OF NEW CHILLER PIPING TUNNEL TO BE COMPLETED UNDER HOT WATER LINES PHASE II PROJECT

1 SITE GRADING AND DRAINAGE PLAN
SCALE: 1"=20'-0"

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three eighths inch = one foot
one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot
four inches = one foot
five inches = one foot
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one hundred inches = one foot