

NOTES:

1. FOR NEW PIPING TUNNEL LAYOUT AND DIMENSIONS SEE STRUCTURAL DRAWINGS.
2. ALL LAYOUT INFORMATION ON THIS DRAWING IS IN REFERENCE TO THE STRUCTURAL PIPING TUNNEL LAYOUT AND DIMENSIONS.
3. 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.
4. CONTRACTOR TO PROVIDE TRAFFIC PHASING PLAN FOR VA REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

GENERAL NOTES:

1. THESE DRAWINGS AND SPECIFICATIONS, INCLUDING IDEAS, DESIGN AND ARRANGEMENTS REPRESENTED THEREBY ARE THE PROPERTY OF EBERLIN & EBERLIN. NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE EXPRESS WRITTEN CONSENT OF EBERLIN & EBERLIN.
2. EXISTING TOPOGRAPHIC INFORMATION AND DATA ON EXISTING CONDITIONS OBTAINED FROM SURVEY SUPPLIED BY THE MEDICAL CENTER AND SUBMITTED FOR USE AS AN AUTOCAD FORMATTED DRAWING AND USED HEREIN AS A BASE MAP INFORMATION OVERLAY.
3. SHOP DRAWINGS MUST BE SUBMITTED TO THE COR FOR APPROVAL PRIOR TO FABRICATION.
4. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE AND LOCATE ALL UTILITIES IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE COR.
5. PRIOR TO ANY DEVOLUTION CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER'S REPRESENTATIVE (COR) AT LEAST 48 HOURS BEFORE WORK IS SCHEDULED TO BEGIN.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS OFF-SITE IN A SAFE MANNER. CONTRACTOR SHALL PROVIDE DOCUMENTATION OR LEGAL DISPOSAL MANIFEST TO COR.
7. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL PROVIDE SIMILAR MARK-UP AS PER NYS CODE RULE 153. PROTECTION OF UNDERGROUND FACILITIES BY FIELD VERIFYING ALL THOSE UTILITIES SO MARKED. COORDINATE WITH COR.
8. FRAMES AND COVERS/FRAMES AND GRATES OF CATCH BASINS, DRAINS, MANHOLES AND OTHER STRUCTURES DESIGNATED TO REMAIN SHALL BE ADJUSTED TO NEW FINISHED GRADES BY REMOVING FRAMES AND GRATES OR FRAMES AND COVERS AND ADDING ADDITIONAL BRICK, MORTAR TO THE COLLAR OR BY EXTENDING WALLS OF SAID STRUCTURES WITH THE SAME THICKNESS AS EXISTING WALL. BOTH SIDES OF EXTENDED WORK SHALL BE PARGEWIT 1" OF MORTAR FRAMES SHALL BE SET ON HORIZONTAL BEDS.
9. PRIOR TO THE COMMENCEMENT OF ANY SITE WORK, A GROUND PENETRATING SURVEY SHOWING ALL EXISTING UNDERGROUND UTILITIES AND THEIR INVERTS MUST BE COMPLETED.

SEDIMENT AND EROSION CONTROL NOTES:

1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES MANUAL FOR EROSION AND SEDIMENT CONTROL AND THE STANDARDS FOR NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT TRAPS SHALL BE CLOSELY MONITORED AND WHEN NEARLY FULL, REMOVED PROMPTLY. WHEN MAXIMUM LEVELS ARE REACHED OR AS ORDERED BY THE COR. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND AFTER EACH HEAVY RAIN TO INSURE PROPER OPERATION AS DESIGNED. AN INSPECTION SCHEDULE SHALL BE SET FORTH PRIOR TO THE START OF CONSTRUCTION.
3. THE LOCATIONS AND THE INSTALLATION TIMES OF THE SEDIMENT STANDARDS SHALL BE DETERMINED BY THE COR AND IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THE SPECIFICATIONS.
4. ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING SHALL BE PLACED IN A STABILIZED STOCKPILE OR FILL AREA. STOCK PILES OF TOPSOIL SHALL BE TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS.
5. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOOD PLAIN, SLOPE, ROADWAY, OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHOULD BE CONTAINED BY A HAY BALE BARRIER OR SILT FENCE.
6. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN TWO WEEKS (14 DAYS) AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND MULCHING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE N.Y. STANDARDS (I.E. PEG AND TUNE, MULCH NETTING, OR LIQUID MULCH BANDER).

7. STABILIZATION SPECIFICATIONS:
 - A. TEMPORARY SEEDING AND MULCHING:
 - LIME-90 LBS/1000SQF GROUND LIMESTONE
 - FERTILIZER-II LBS/1000SQF 10-10-10 OR EQUIVALENT WORKED INTO SOIL A MINIMUM OF 4"
 - B. SEED-PERENNIAL RYEGRASS 40 LBS/ACRE (1 LB/1000SQF) PLANTED BETWEEN MARCH 1-MAY 15 OR BETWEEN AUG. 15-OCT. 1
 - C. MULCH-SALT HAY OR SHALL GRASS STRAW AT A RATE OF 10-30 LBS/1000SQF TO BE APPLIED ACCORDING TO N.Y. STANDARDS. MULCH SHALL BE SECURED BY APPROVED METHODS (I.E. PEG AND TUNE, MULCH NETTING, OR LIQUID MULCH BINDING).
8. THE SITE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
9. SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A DAILY BASIS, INCLUDING BEFORE AND AFTER EVERY STORM EVENT.
10. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE APPROVED BY THE COR.
11. DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER OR CALCIUM CHLORIDE.
12. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS, WILL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES DURING THE COURSE OF THE PROJECT.
13. CATCH BASIN INLETS WILL BE PROTECTED WITH AN INLET FILTER.
14. STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
15. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT CONTROL DEVICE.
16. TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND.
17. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.

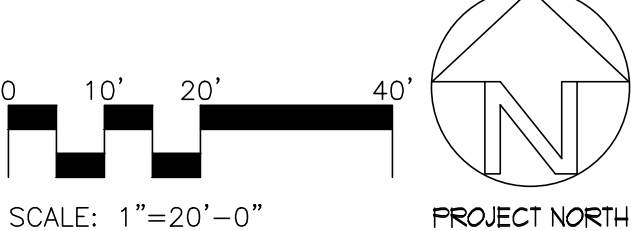
- ABANDONMENT NOTES:
1. ABANDONED PIPE, DESIGNATED ON THE PLANS OR BY THE COR, SHALL BE FILLED WITH PORTLAND CEMENT AND SAND GROUT OR REMOVED, AT THE DISCRETION OF THE CONTRACTOR.
 2. ANY ABANDONED PIPE TO BE REMOVED, SHALL BE EXCAVATED, REMOVED AND DISPOSED OF PROPERLY. THE RESULTING TRENCH SHALL THEN BE BACKFILLED AND PROPERLY COMPACTED USING LOCAL EXCAVATED MATERIAL OR SELECT BACKFILL AS REQUIRED BY THE COR.
 3. ANY EXISTING UTILITY PIPE EXPOSED BY GRADING OPERATIONS SHALL BE REMOVED TO A DEPTH OF TWELVE INCHES BELOW SUBGRADE ELEVATION OF FINISHED GRADE AND PLUGGED WITH PORTLAND CEMENT GROUT AS DIRECTED BY COR.
 4. ALL ABANDONED UTILITY PIPES SHALL BE PLUGGED WITH PORTLAND CEMENT GROUT AT ENTRANCE TO ALL MANHOLES WHETHER THE MANHOLE IS TO BE ABANDONED OR NOT.
 5. DRAIN INLETS:
 - 1. ALL DRAIN INLETS IN THE CONSTRUCTION AREA DESIGNATED TO BE ABANDONED SHALL HAVE ALL CONNECTING UTILITY PIPE PLUGGED, THE GRATE AND TOP OF INLET REMOVED TO AN ELEVATION OF 2 FEET BELOW SUBGRADE, AND THE INLET STRUCTURE FILLED WITH SELECT EARTH MATERIAL PROPERLY TAMPED. ANY INLET THAT WILL HAVE THE CONNECTING PIPE FILLED WITH CEMENT GROUT SHALL ALSO BE FILLED WITH CEMENT GROUT TO THE TOP OF MAIN PIPE CONNECTING DRAINAGE PIPES THAT DO NOT REQUIRE FILLING WITH CEMENT GROUT SHALL BE PLUGGED IN A MANNER ACCEPTABLE TO THE COR BEFORE THE INLET IS FILLED IN WITH EARTH MATERIAL.
 - 2. INLETS THAT ARE REQUIRED TO BE REMOVED SHALL HAVE THE FRAME AND COVER, INLET TAPER WALL, AND BASE REMOVED. ALL WORK SHALL MEET THE APPROVAL OF THE COR. THE FRAME AND COVER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF, OFF SITE, BY CONTRACTOR.
 - 3. ALL ADJUSTED DRAIN INLET COVERS SHALL BE ADJUSTED TO FINISHED GRADE. INLETS LOCATED IN P.V.M.T. SHALL BE FLUSH W/ SURROUNDING P.V.M.T.

REMOVALS NOTES:

1. PRIOR TO SUBMITTING THE BID THE CONTRACTOR SHALL VISIT THE SITE & FAMILIARIZE HIMSELF/HERSELF WITH THE SITE CONDITIONS & EXISTING IMPROVEMENTS TO BE REMOVED.
2. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE COMMENCING WITH ANY FABRICATION, ORDERING OF MATERIAL, OR PERFORMING WORK. THE CONTRACTOR SHALL NOTIFY THE COR OF ANY CONDITIONS OR DIMENSIONS THAT WOULD HAMPER THE PERFORMANCE OF THE WORK. IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.
3. THE LOCATIONS OF EX. UTILITIES, WATER, SEWERS, & DRAINAGE STRUCTURES HAVE BEEN INDICATED BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY THE COR. IT IS POSSIBLE THAT THE ACTUAL SUBSURFACE UTILITIES & PIPING MAY VARY FROM THAT INDICATED. THEREFORE, PRIOR TO STARTING WORK IN ANY AREA, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO DETERMINE THE LOCATIONS OF ALL EX. UNDERGROUND PIPING, CONDUIT, & STRUCTURES HE SHALL CARRY OUT HIS OPERATIONS IN SUCH A MANNER AS TO PREVENT INTERFERENCE WITH LINES WHICH ARE TO REMAIN ALONE. ANY PIPE OR CONDUIT DISTURBED IN THE COURSE OF CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.
4. ALL EXISTING UTILITIES SHALL BE MARKED OUT BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION ACTIVITIES.
5. ALL ADJACENT AREAS OUTSIDE OF THE DISTURBANCE LIMIT LINE AND DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REPAIRED TO NEW CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
6. ALL AREAS NOT COVERED BY PAVEMENTS AND DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE TOPSOILED AND EITHER SEEDED OR SOODED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
7. PRIOR TO THE START OF EXCAVATION FOR NEW PIPING TUNNEL, THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES WITHIN THE AREA OF WORK.
8. WHERE CONSTRUCTION CROSSES OR IS ADJACENT TO EX. UTILITY LINES (STORM SEWERS, COVERED SEWER, WATER, GAS, TELEPHONE, ELECTRIC OR COMMUNICATION) CONTRACTOR SHALL HAND EXCAVATE TO LOCATE, MARK & PROTECT UTILITY LINES AGAINST DISTURBANCE OR DAMAGE BY PROVIDING ADEQUATE SUPPORT & PROTECTION AS APPROVED BY COR. CONTRACTOR SHALL REPAIR ANY FOULED OR COMMUNICATION INTERRUPTION IMMEDIATELY, AT NO ADDITIONAL COST TO OWNER.
9. WHERE INTERFERENCE WITH OTHER UTILITIES OR CONSTRUCTION ARE ENCOUNTERED DURING CONSTRUCTION OF NEW UTILITY LINES, THE CONTRACTOR MAY ADJUST THE ALIGNMENT OR INVERT ELEVATIONS OF THAT SYSTEM ONLY AT THE DIRECTION OF THE COR.
10. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR THE PROPER PROTECTION OF EXISTING STRUCTURES WHICH ARE TO REMAIN DURING CONSTRUCTION AND THE LANE OF THE CONTRACT. ANY STRUCTURES FOUND TO BE DAMAGED DURING THE PROJECT DURATION SHALL BE REPAIRED OR REPLACED AT THE COR'S DISCRETION TO THE COMPLETE SATISFACTION OF THE COR AND AT THE CONTRACTOR'S FULL EXPENSE.
11. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING ADJACENT TO COVERED SEWER AND WATER LINES AND ACTIVE POWER AND COMMUNICATION LINES. TO PREVENT DAMAGE TO THE LINES, THE CONTRACTOR SHALL HAND EXCAVATE TEST PITS TO EXPOSE THOSE LINES PRIOR TO PERFORMING ANY OTHER EXCAVATION WORK IN THE AREA. THE CONTRACTOR SHALL REPAIR AT HIS/HER EXPENSE, ANY POWER OR COMMUNICATION OR SERVICE INTERRUPTION OR DAMAGE TO THE LINES.
12. TEMPORARY STAGING AREA TO BE COORDINATED IN THE FIELD WITH COR.

DEMOLITION & EROSION AND SEDIMENT CONTROL LEGEND

- EXISTING SPOT GRADE
- EXISTING CONTOUR
- EXISTING CONCRETE CURB TO REMAIN
- EXISTING CONCRETE CURB TO BE REMOVED COMPLETE
- EXISTING PIPE TO REMAIN
- EXISTING WATER LINE TO REMAIN
- EXISTING ELECTRICAL LINE TO REMAIN
- EXISTING PIPE TO BE REPLACED OR ABANDONED
- EXISTING MANHOLE TO REMAIN
- EXISTING ROAD BASIN TO REMAIN
- EXISTING FIRE HYDRANT AND BOLLARDS TO REMAIN
- PROTECT EXISTING VEGETATION TO REMAIN
- EXISTING TREE TO BE REMOVED, SALVAGED, AND REPLANTED IN SAME EXISTING LOCATION
- EXISTING SITE FEATURE TO BE REMOVED COMPLETE
- SILT FENCING
- TREE PROTECTION FENCING
- EXISTING PAVED DRIVEWAY TO BE REMOVED
- PORTION OF NEW CHILLER PIPING TUNNEL TO BE COMPLETED UNDER SEPARATE VA PROJECT (TUNNEL PHASE 2)
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- PROTECT EXISTING AND NEW BASINS AND INLETS
- APPROXIMATE LOCATION OF EXISTING CHILLER PIPING
- ALIGNMENT OF NEW CHILLER PIPING TUNNEL
- CONSTRUCTION ACCESS ROAD
- TEMPORARY DEWATERING TRAP
- STAGING AREA- TO BE COORDINATED WITH COR



UNREVIEWED FINAL DESIGN (100%)
NOT FOR CONSTRUCTION

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