

LEGEND:

- EXISTING ROOF LEADER LOCATION
SEWER MANHOLE
UNKNOWN MANHOLE
GUY WIRE ANCHOR
UTILITY POLE
ELECTRIC BOX
HYDRANT
WATER VALVE
ROUND DROP INLET
ELECTRIC METER
UTILITY POLE WITH LIGHT
COMMUNICATION BOX
OVERHEAD WIRES
FENCE
DROPPED LEAD
LAMP
UNKNOWN VALVE
EXISTING WATER EDGE
EXISTING PROPERTY LINE
100-YEAR FLOOD LINE
100-YEAR FLOODWAY LINE
PROPOSED EASEMENT LINE
PROPOSED CATCH BASIN WITH INLET PROTECTION
PROPOSED CLEANOUT
PROPOSED HYDRANT
PROPOSED WATER VALVE
PROPOSED SANITARY MANHOLE
PROPOSED RETAINING WALL
PROPOSED CULVERT
PROPOSED UNDERDRAIN
PROPOSED ROOF LEADER PIPE
PROPOSED MINOR CONTOUR
PROPOSED MAJOR CONTOUR
PROPOSED SPOT ELEVATION
EXISTING CATCH BASIN
EXISTING UTILITY POLE
PROPOSED CLEANOUT
PROPOSED SEWER SERVICE LINE
PROPOSED WATER SUPPLY LINE
PROPOSED FENCE
IMPERVIOUS SURFACE
PROPOSED RIP RAP
UTILITY CROSSING LOCATION
PROPOSED ROOF LEADER LOCATION
PROPOSED WATER SERVICE LINE
PROPOSED WATER SHUT-OFF VALVE

INSPECTION SCHEDULE & LONG TERM MAINTENANCE OF STORMWATER STRUCTURES

CATCH BASIN, PIPING AND FLARED END SECTIONS:
ALL CATCH BASINS, PIPING AND FLARED END SECTIONS SHALL BE INSPECTED EVERY SPRING AND FALL. LOOK FOR OBSTRUCTIONS, VEGETATION, DEBRIS, LITTER, SEDIMENT, ETC. BLOCKING THE STRUCTURES OR PIPING. UTILIZE VACUUM TRUCK IF NECESSARY. OBSERVE THE FLOW OF WATER AFTER A RAINFALL EVENT. ANY EVIDENCE OF FLOODING IN THE STRUCTURE INDICATES A POTENTIAL BLOCKAGE. WHEN SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN SUMP REACHES 1/2 OF THE SUMP DEPTH, IT SHALL BE REMOVED.
RIP RAP OUTLET PROTECTION AND EMERGENCY OVERFLOW WEIR:
RIP RAP OUTLET PROTECTION AND THE EMERGENCY OVERFLOW WEIR SHALL BE INSPECTED QUARTERLY FOR SEDIMENT BUILD-UP, VEGETATION, DEBRIS, LITTER, AND OBSTRUCTIONS. IF SEDIMENT BUILDS UP ENOUGH TO FILL IN THE VOID SPACE BETWEEN THE STONES OR GRASS PAVERS, THEN THE RIP RAP OR PAVERS SHALL BE CLEANED OR REPLACED.
HYDRODYNAMIC DEVICES:
THE HYDRODYNAMIC PRE-TREATMENT DEVICES (HPS) REQUIRE REGULAR INSPECTION AND MAINTENANCE TO ENSURE OPTIMAL PERFORMANCE. MAINTENANCE FREQUENCY WILL BE DRIVEN BY UPSTREAM CONDITIONS (CONTRIBUTING DRAINAGE AREA STABILIZATION) AND PROPER MAINTENANCE OF UPSTREAM STRUCTURES AND CULVERT PIPES. THE MANUFACTURER RECOMMENDS THAT THE HPS UNITS BE INSPECTED QUARTERLY (AT EACH CHANGE OF SEASON). THE STRUCTURE SHALL BE VISUALLY INSPECTED FOR BLOCKAGES OR OBSTRUCTIONS IN THE INLET OR SEPARATION SCREEN. THE INSPECTION SHOULD QUANTIFY ACCUMULATION OF HYDROCARBONS, SEDIMENT AND TRASH WITHIN THE SYSTEM. INSPECTIONS AND MAINTENANCE SHALL BE PERFORMED BY QUALIFIED PERSONNEL WITH ADEQUATE TRAINING IN THESE TYPES OF UNITS. THE UNITS SHALL BE CLEANED BY VACUUM TRUCK ONCE A YEAR (EXCEPT FOR THE INLET WHERE MORE FREQUENT CLEANINGS MAY BE REQUIRED).

EXISTING UNDERGROUND UTILITY NOTES:
1. CONTRACTOR SHALL DIG TEST PITS TO VERIFY LOCATION, SIZE AND PIPE MATERIAL OF EXISTING UNDERGROUND UTILITIES. IF ANY EXISTING UTILITIES ARE NOT IN THE LOCATION WHERE THEY ARE SHOWN ON THE PLAN, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.

GENERAL CONSTRUCTION NOTES:
1. ALL OTHER UTILITIES (TELEPHONE, ELECTRIC, GAS, CABLE, ETC.) SHALL BE INCORPORATED PRIOR TO CONSTRUCTION. ALL SUCH UTILITY DESIGNS SHALL BE DEVELOPED IN COOPERATION WITH THE RESPECTIVE UTILITY COMPANIES.
2. THE CONTRACTOR SHALL PERFORM UTILITIES CALL-OUT PRIOR TO CONSTRUCTION TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS BY CONTACTING UPFO @ 1-800-962-7962.
3. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND INVERTS OF ALL CATCH BASINS & STORM SEWER LINES, SANITARY MANHOLES & SEWER LINES, WATERLINES AND OTHER UNDERGROUND UTILITY LINES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT ASSUME THAT ALL LOCATIONS AS SHOWN ON THE PLAN ARE CORRECT. INVESTIGATIVE TEST PITS MAY BE REQUIRED TO VERIFY LOCATIONS.
4. PIPE CONNECTIONS TO ALL CATCH BASINS SHALL BE MADE WATER-TIGHT, WITH PARTICULAR ATTENTION BEING PAID TO CONNECTIONS LOCATED WITHIN 10 FEET OF SEWER MAINS (AND SERVICE LATERALS).

POST CONSTRUCTION NOTES:
1. UPON COMPLETION OF CONSTRUCTION OF THE STORMWATER FACILITIES, AS-BUILT DRAWINGS OF ALL STORMWATER PRACTICES AND AN OPERATION AND MAINTENANCE PLAN MANUAL SHALL BE PROVIDED TO THE CITY OF BEACON.

WATER AND SEWER MAIN RELOCATION NOTES:
1. THE SECTIONS OF SEWER MAIN TO REMAIN IN-PLACE ON SITE SHALL BE TV INSPECTED AND CLEANED TO VERIFY THE CONDITION OF THE PIPE. THIS WORK SHALL BE COORDINATED WITH THE CITY ENGINEER AND SEWER DEPARTMENT. THE PIPES TO REMAIN IN-PLACE SHALL THEN BE SLIP-LINED BETWEEN EXISTING MANHOLE 12, AND BETWEEN PROPOSED SEWER MANHOLE 14 AND EXISTING SEWER MANHOLE 10.
2. UPON COMPLETION OF CONSTRUCTION OF THE WATER AND SEWER FACILITIES, AS-BUILT DRAWINGS OF FINAL WATER AND SEWER MAIN LOCATIONS SHALL BE PROVIDED TO THE CITY OF BEACON.
3. THE COMPLETED WATER MAIN EXTENSION AND SEWER MAIN RE-LOCATION SHALL BE CERTIFIED BY THE LICENSED PROFESSIONAL OBSERVING CONSTRUCTION TO THE CITY OF BEACON.
4. THE WATER AND SEWER MAINS SHALL BE DEDICATED TO THE CITY OF BEACON UPON ACCEPTANCE OF THE CERTIFICATION.

SNOW REMOVAL AND STORAGE NOTES:
1. THE SITE OWNER WILL UTILIZE A LOADER TO MOVE SNOW TO THE AREAS DESIGNATED FOR SNOW STORAGE.
2. SNOW SHALL BE REMOVED WITHIN 8 HOURS AFTER A SNOW EVENT.

USACE SPECIAL CONDITION NOTE:
IN ORDER TO PROTECT THE FEDERALLY-LISTED ENDANGERED INDIANA BAT (MYOTIS SOBLIS) AND THE FEDERALLY-LISTED THREATENED NORTHERN LONG-EARED BAT (MYOTIS SEPTENTRIONALIS), THE CLEARING OF POTENTIAL ROOSTING TREES SHALL OCCUR ONLY BETWEEN NOVEMBER 1 AND MARCH 31. ORANGE CONSTRUCTION FENCING SHALL BE USED TO SEPARATE AREAS NOT TO BE DISTURBED. NO ARTIFICIAL DYES, COLORING, INSECTICIDE, OR AGONALCIDE SUCH AS COPPER SULFATE SHALL BE USED IN STORMWATER CONTROL STRUCTURES.

ROCK REMOVAL NOTES:
1. ROCK REMOVAL (IF NECESSARY) SHALL BE ACCOMPLISHED BY MECHANICAL METHODS AS MUCH AS POSSIBLE AND SHALL ONLY BE PERMITTED BETWEEN 8:00AM AND 5:00 PM ON ANY DAY WHICH ROCK REMOVAL IS PERMITTED.
2. ACCEPTABLE ROCK REMOVAL METHODS ARE RIPPING, HYDRAULIC HAMMER OR DRILLING HOLES WITH USE OF EXPANSIVE TOOLS AND/OR WEDGES.
3. IF MECHANICAL METHODS BECOME INEFFECTIVE DUE TO HARD ROCK, AND IT IS DETERMINED THAT BLASTING IS REQUIRED, IT SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF BEACON BUILDING DEPARTMENT. NO BLASTING SHALL COMMENCE UNTIL A BLASTING PROTOCOL IS SUBMITTED TO THE CITY OF BEACON BUILDING DEPARTMENT FOR REVIEW AND APPROVAL.
4. BLASTING PROTOCOL SHALL BE IN ACCORDANCE WITH #111 OF THE CITY OF BEACON CODE.

PRESSURE REDUCING VALVE AND BACKFLOW PREVENTION NOTES:
1. HYDRANT FLOW TESTS IN THE VICINITY OF THE PROJECT REVEALED STATIC PRESSURES RANGING FROM 88 PSI TO 100 PSI. THEREFORE PRESSURE REDUCING VALVES WILL BE REQUIRED AT ALL PROPOSED DOMESTIC WATER CONNECTIONS TO BUILDINGS.
2. PRESSURE REDUCING VALVES (PRV) SHALL BE FURNISHED BY MUELLER OR WATTS AND COORDINATED WITH THE MECHANICAL ENGINEERING CONSULTANT AS TO TYPE AND SIZE.
3. SPECIFICATIONS FOR THE PROPOSED PRV SHALL BE PROVIDED TO THE CITY OF BEACON BUILDING DEPARTMENT PRIOR TO INSTALLATION.
4. DOUBLE CHECK VALVES SHALL BE PROVIDED ON ALL SERVICE CONNECTIONS TO THE ON-SITE BUILDINGS.
5. DOUBLE CHECK VALVES SHALL BE WATTS SERIES 909 OR APPROVED EQUAL ON DOMESTIC CONNECTIONS AND COORDINATED WITH THE MECHANICAL ENGINEERING CONSULTANT AS TO TYPE AND SIZE.
6. SPECIFICATIONS FOR THE PROPOSED DOUBLE CHECK VALVES SHALL BE PROVIDED TO THE CITY OF BEACON PRIOR TO INSTALLATION.

RETAINING WALL NOTES:
1. ALL RETAINING WALLS SHOWN ON THIS PLAN SHALL BE DESIGNED BY A NEW YORK STATE LICENSED ENGINEER AND PLANS SHALL BE SUBMITTED TO THE BEACON BUILDING DEPARTMENT PRIOR TO CONSTRUCTION.

LOT LINE RE-ALIGNMENT NOTES:
1. PARCEL 6054-37-06670 (7-15 CREEK DRIVE) IS CONVEYING 14,700.76 SQ. FT. (0.337 AC.) TO THIS PARCEL 6054-37-037625 (23-28 CREEK DRIVE).
2. THE RESULTANT AREA FOR PARCEL 6054-37-06670 (7-15 CREEK DRIVE) AFTER THE LOT LINE RE-ALIGNMENT IS 469,818.02 SQ. FT. OR 11.603 AC.
3. THE RESULTANT AREA FOR PARCEL 6054-37-037625 (23-28 CREEK DRIVE) AFTER THE LOT LINE RE-ALIGNMENT IS 1,136,953.88 SQ. FT. OR 26.144 AC.

SITE SPECIFIC NOTES:
1. THE CONTRACTOR SHALL PERFORM UTILITIES CALL-OUT PRIOR TO CONSTRUCTION TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS BY CONTACTING UPFO @ 1-800-962-7962. SPECIFIC ATTENTION SHALL BE PAID TO THE LOCATIONS OF THE GAS, WATER AND SEWER MAINS WITH RESPECT TO THE PROPOSED LOCATIONS FOR THE SERVICE LINE.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND INVERTS OF ALL DRAINAGE, SANITARY SEWER, WATER AND GAS LINES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL ASSURE THAT ALL LOCATIONS AS SHOWN ON THE PLAN ARE CORRECT.
3. THE PROPOSED LOT SHALL BE SERVED BY THE CITY OF BEACON MUNICIPAL WATER AND SEWER SERVICES. AS SUCH, THE CONTRACTOR SHALL CONTACT THE CITY OF BEACON WATER AND SEWER DEPARTMENTS TO SCHEDULE A PRE-CONSTRUCTION MEETING TO ENSURE THAT THE ARRANGEMENTS FOR WATER SUPPLY AND SEWER DISPOSAL ARE COMMENCED IN ACCORDANCE WITH THE APPROVED PLANS AND AMENDMENTS THERETO AND GENERALLY ACCEPTED STANDARDS.
4. THE WATER SERVICE LINE AND METER FOR EACH UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF BEACON WATER DEPARTMENT REQUIREMENTS.
5. THE WATER MAIN EXTENSION SHALL BE 8" CLASS 52 DIP.
6. THE SEWER SERVICE LATERAL SHALL BE 8" SDR-35 PVC PIPE WITH PITCH AS SHOWN ON THE PLAN.
7. STREET CLOSURE FOR WATER, SEWER AND GAS SERVICE CONNECTIONS AND DRIVEWAY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF BEACON REQUIREMENTS. A PLAN SHALL BE IN PLACE FOR MAINTENANCE AND PROTECTION OF TRAFFIC.
8. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION. MAIN STREET AND NORTH ELM STREET SHALL BE KEPT CLEAN AND SWEEP DURING CONSTRUCTION.
9. SWAMP PUMPS TO BE PROVIDED FOR FOOTING DRAINS, AS REQUIRED. THE TYPES OF PUMPS AND METHODS USED TO ENSURE PROPER DRAINAGE SHALL BE ACCEPTABLE TO THE CITY OF BEACON BUILDING DEPARTMENT.
10. THE BUILDING DEPARTMENT SHALL HAVE THE RIGHT TO INSPECT THE EXISTING BUILDING TO CONFIRM THAT THERE ARE NOT EXISTING STORMWATER CONNECTIONS TO THE CITY'S SANITARY SEWER SYSTEM PRIOR TO THE MAP BEING SIGNED.
11. THE EXISTING WATER SERVICE LINE SHALL BE CUT, CAPPED AND ABANDONED IN-PLACE.
12. THE EXISTING SEWER SERVICE LATERAL SHALL BE REMOVED AND PLUGGED TO PREVENT ANY GROUNDWATER INFLOW INTO THE CITY SEWER SYSTEM.
13. THE EXISTING 24" SEWER MAIN SHALL BE TV INSPECTED AND THE RESULTS PROVIDED TO THE BEACON BUILDING DEPARTMENT.
14. THE EXISTING SECTIONS OF SEWER MAIN TO REMAIN IN USE ON THE PARCEL SHALL BE SLIP-LINED.

PROPOSED SEWER MAIN INSTALLATION AND SEQUENCING NOTES:
1. INSTALL INSERTION MANHOLES AT SMH 12 AND SMH 14.
2. INSTALL NEW SMH 13 AND NEW SANITARY PIPING UP TO SMH 12 AND SMH 14. DO NOT CONNECT PIPING TO SMH 12 AND SMH 14 YET.
3. AFTER THE NEW MANHOLES AND PIPING ARE INSTALLED, THE CONTRACTOR SHALL PROVIDE A PUMP BYPASS AND PUMP SYSTEM AS REQUIRED FOR MAKING CONNECTIONS TO EXISTING CITY SYSTEMS. THE CONTRACTOR SHALL SUBMIT A SEWERING AND PUMP BYPASS WORK PLAN TO THE CITY BUILDING INSPECTOR AND SEWER DEPARTMENT PRIOR TO COMMENCEMENT OF FURTHER WORK.
A. BYPASS PUMP FROM SMH 11 TO SMH 15.
B. PLUG OUTLET OF SMH 11 FIRST, THEN INLET PIPE TO SMH 15.
C. THE PUMPING AND BY-PASS PIPING SYSTEM SHALL BE SIZED TO ADEQUATELY CONVEY THE PEAK FLOWS ASSOCIATED WITH THE SEWER MAIN.
4. BREAK OPEN EXISTING SANITARY PIPE AT SMH 14.
5. CUT AND CAP EXISTING SANITARY PIPE INTO SMH 14.
6. CONNECT NEW SANITARY PIPING TO SMH 14. CONNECTION WILL UTILIZE EXISTING INLET PIPE OPENING. THE NEW PIPE OUTLET SHALL BE SEALED BY USE OF NON-SHRINKING GROUT ON BOTH SIDES OF THE MANHOLE.
7. BREAK OPEN EXISTING SANITARY PIPE AT SMH 12.
8. CUT AND CAP EXISTING SANITARY PIPE OUT OF SMH 12.
9. CONNECT NEW SANITARY PIPING TO SMH 12. CONNECTION WILL UTILIZE EXISTING OUTLET PIPE OPENING. THE NEW PIPE OUTLET SHALL BE SEALED BY USE OF NON-SHRINKING GROUT ON BOTH SIDES OF THE MANHOLE.
10. REMOVE BYPASS PUMPING SYSTEM.
11. INSTALL 6" SEWER SERVICE.

DUTCHESS COUNTY DEPARTMENT OF BEHAVIORAL & COMMUNITY HEALTH

STANDARD NOTES FOR PROJECTS W/CENTRAL WATER & SEWER

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:
- NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS; NYSDCC
- RECOMMENDED STANDARDS FOR SEWAGE TREATMENT WORKS, (TEN STATES);
- RECOMMENDED STANDARDS FOR WATER WORKS, (TEN STATES);
- NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS;
- DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES;
- DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER.
THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND WATER SUPPLY FACILITIES.
UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE DC DSD BY THE NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DC DSD.
APPROVAL OF ANY PLANS OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLANS) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.
NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS SHALL BE DISCHARGED INTO THE SEWAGE COLLECTION SYSTEM.
ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE SEWAGE COLLECTION SYSTEM.
ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.
THE DC DSD SHALL BE NOTIFIED SIXTY DAYS PRIOR TO ANY CHANGE IN USE. USE CHANGES MAY REQUIRE RE-APPROVAL BY THE DC DSD.
NO BUILDINGS ARE TO BE OCCUPIED AND THE NEW WATER SYSTEM SHALL NOT BE PLACED INTO SERVICE, UNTIL A "COMPLETED WORKS APPROVAL" IS ISSUED UNDER SECTION 5-1.22(2) OF PART 5 OF THE NEW YORK STATE SANITARY CODE (10NYCRRS).
NO BUILDINGS ARE TO BE OCCUPIED AND THE NEW WASTEWATER COLLECTION SYSTEM SHALL NOT BE PLACED INTO SERVICE UNTIL A "CERTIFICATE OF CONSTRUCTION COMPLIANCE" IS ISSUED UNDER SECTION 15.7 OF ARTICLE 19 OF THE DUTCHESS COUNTY SANITARY CODE.
ALL SERVICE LINES ARE THE RESPONSIBILITY OF THE OWNER UP TO THE PROPERTY LINE. THE WATER AND SEWER COMPANIES SHALL BE RESPONSIBLE FOR ALL VALVES AND PIPES WHICH ARE NOT ON THE OWNER'S PROPERTY.
THE UNDERSIGNED OWNERS OF THE PROPERTY HERON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

Table with 2 columns: STORM SEWER STRUCTURE TABLE. Columns include STRUCTURE, STRUCTURE DETAILS, RM, SUMP, and INV OUT.

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Table with 2 columns: STORM SEWER PIPE TABLE. Columns include PIPE NAME, LENGTH, SIZE AND MATERIAL, SLOPE.

Table with 2 columns: FLARED END SECTION TABLE. Columns include STRUCTURE, STRUCTURE DETAILS, FES 11, FES 18, FES 19.

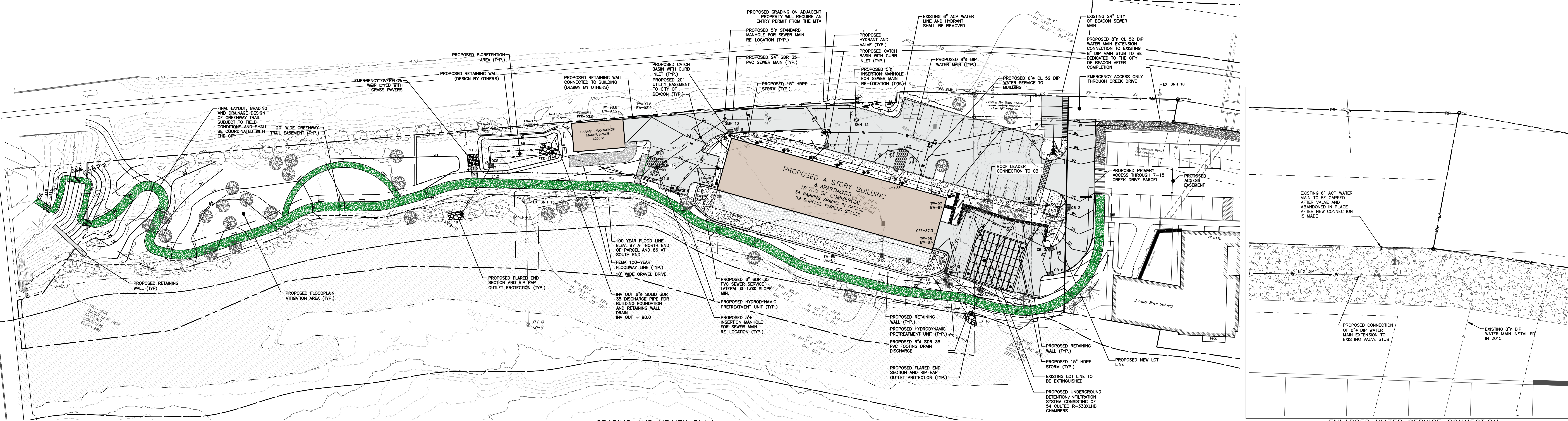
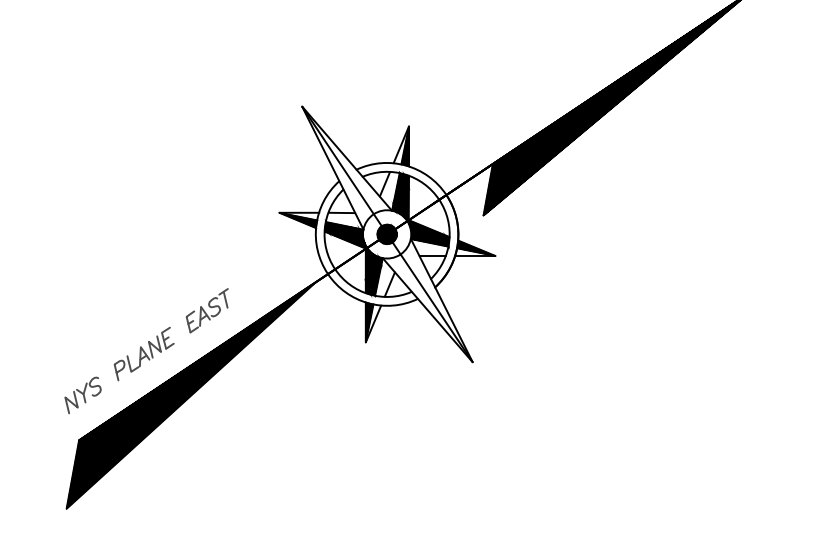
Table with 2 columns: SANITARY SEWER STRUCTURE TABLE. Columns include STRUCTURE, STRUCTURE DETAILS, RM, SUMP, and INV OUT.

Table with 2 columns: STORM SEWER PIPE TABLE. Columns include PIPE NAME, LENGTH, SIZE AND MATERIAL, SLOPE.

Table with 2 columns: SANITARY SEWER PIPE TABLE. Columns include PIPE NAME, LENGTH, SIZE AND MATERIAL, SLOPE.

Table with 5 columns: INFILTRATION TEST TABLE. Columns include LOT#, TEST HOLE #, DEPTH (INCHES), PRE-SOAK DATE, TEST OBSERVED, RESULTS (INCHES/HOUR).

Table with 4 columns: SOIL TEST HOLE TABLE. Columns include HOLE #, LOT #, TOTAL DEPTH, ROCK DEPTH, MOISTURE DEPTH, SOIL DESCRIPTION.



GRADING AND UTILITY PLAN
SCALE: 1" = 30'

ENLARGED WATER SERVICE CONNECTION
SCALE: 1" = 5'

Table with 3 columns: REVISIONS. Columns include NO., DATE, DESCRIPTION.

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