

GENERAL NOTES:

- 1. REFER TO PROJECT SPECIFICATIONS FOR DETAILED INFORMATION AND COORDINATE WITH PROJECT DRAWINGS.
2. THE CONTRACTOR SHALL USE THE WRITTEN DIMENSIONS PROVIDED WITHIN THE CONTRACT DRAWINGS. SCALED DIMENSIONS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.
3. THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE IMMEDIATELY IF CLARIFICATION OR INTERPRETATION OF THE CONTRACT DOCUMENTS, OR ANY OTHER ASPECTS OF THE PROJECT, IS REQUIRED.
4. LEGEND REPRESENTS STANDARD LINE TYPES AND HATCHING UNLESS INDICATED ON SPECIFIC DRAWINGS.
5. THE ABBREVIATIONS AND SYMBOLS HEREIN ARE STANDARD OF THIS OFFICE AND APPLY TO A VARIETY OF PROJECTS. ONLY A PORTION OF THEM WILL NECESSARILY APPLY TO ANY GIVEN PROJECT. SEE THE LISTINGS IN OTHER SECTIONS OF THIS PROJECT FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS.
6. EDR IS NOT RESPONSIBLE FOR SITE SECURITY AND SAFETY, OR CONSTRUCTION MEANS AND METHODS.
7. EDR IS NOT RESPONSIBLE FOR THE SEQUENCING OF CONSTRUCTION UNLESS A SEQUENCE OF CONSTRUCTION IS PROVIDED IN THE CONTRACT DOCUMENTS.

SITE CIVIL NOTES:

- 1. THE CONTRACTOR SHALL APPLY FOR ALL REQUIRED PERMITS, PAY ALL FEES REQUIRED BY GOVERNING AGENCIES HAVING JURISDICTION OVER THE FACILITIES AND NATURAL FEATURES FOUND ON SITE, AND FURNISH COPIES TO THE OWNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR'S WORK AREA SHALL BE CONFINED TO THE CONTRACT LIMIT LINES. THE CONTRACTOR SHALL OBTAIN ANY ADDITIONAL EASEMENTS OR WORK RELEASES SHOULD THE CONTRACTOR REQUIRE ADDITIONAL AREA TO ACCOMMODATE HIS OPERATIONS.
3. SITE ACCESS IS RESTRICTED TO THE LOCATIONS DESIGNATED ON PLAN.
4. THE CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), STATE AND LOCAL SAFETY REGULATIONS.
5. CONTRACTOR SHALL PROMPTLY REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES FOUND ON THE SITE OR IN THE CONTRACT DOCUMENTS FOR REVIEW AND RESOLUTION BEFORE PROCEEDING WITH THE WORK IN THE AREA IN QUESTION. PROVIDE FIELD INFORMATION SPECIFIC TO THE DISCREPANCY TO EXPEDITE RESOLUTION.
6. THE TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS PREPARED BY HULBERT ENGINEERING AND LAND SURVEYING, DPC 33 LEWIS ROAD BINGHAMPTON, NY 13095.
7. THE START OF ANY ON-SITE CONSTRUCTION INCLUDING STRIPPING TOPSOIL, REMOVING CUT OR PLACING FILL MATERIAL ESTABLISHES THAT THE CONTRACTOR ACCEPTS THE CONTRACT DOCUMENTS AS ACCURATELY REPRESENTING THE EXISTING SITE CONDITIONS.
8. DURING SALVAGE OPERATIONS FOR MATERIAL INTENDED FOR REUSE ON SITE, MATERIAL MAY BE DAMAGED AND OR NOT SUITABLE FOR REUSE. THE CONTRACTOR SHALL VERIFY QUANTITY AND QUALITY OF SALVAGED MATERIAL AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEFICIENCIES.
9. ALL FACILITIES TO BE CONSTRUCTED OR INSTALLED SHALL COMPLY WITH ALL SECTIONS AND LATEST REVISIONS OF THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
10. LONG LEAD AND SCARCE MATERIALS SHALL BE ORDERED IN A TIMELY MANNER TO PREVENT AVOIDABLE CONSTRUCTION DELAYS.
11. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
12. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION EQUAL TO THAT WHICH EXISTED PRIOR TO CONSTRUCTION IN ACCORDANCE WITH SPECIFICATIONS.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION INCLUDING 6 INCHES OF TOPSOIL, SEED, FERTILIZER, AND MULCH. OTHER SURFACES SHALL BE RESTORED AS SHOWN ON THE DETAILS.
14. CONTRACTOR SHALL PROVIDE POSITIVE SITE DRAINAGE DURING CONSTRUCTION OPERATIONS. ALL FINAL LINES AND GRADES SHALL BE CONSTRUCTED TO MAINTAIN POSITIVE SITE DRAINAGE TO EXISTING DRAINAGE STRUCTURES.
15. ALL PAVEMENT SHALL BE SAW CUT PRIOR TO RESTORATION.
16. CONTRACTOR SHALL COORDINATE STAGING AREAS WITH OWNER.
17. CONTRACTOR SHALL VISIT AND EXAMINE THE SITE TO FULLY UNDERSTAND ALL THE CONDITIONS PERTAINING TO THE SCOPE OF WORK, UNDERSTAND DIFFICULTIES TO BE ENCOUNTERED AND MATERIALS REQUIRED FOR THE COMPLETE INSTALLATION OF THE WORK SHOWN ON THE DRAWINGS AND OR SPECIFIED AT NO ADDITIONAL COST TO THE OWNER. THE EXACT LOCATION, CONDITION, SIZE, AND RIM/INVERT ELEVATIONS OF THE EXISTING PIPING, EQUIPMENT, SERVICES, ETC. SHALL BE FIELD VERIFIED. CONTRACTOR SHALL MODIFY LAYOUT WITH THE APPROVAL OF THE ENGINEER WHERE REQUIRED TO CLEAR OBSTRUCTIONS AT NO ADDITIONAL COST TO THE OWNER.
18. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAKE ALL NECESSARY PROVISIONS FOR PROTECTION OF THE PUBLIC, THE WORKERS AND THE WORK, AND FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
19. LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS.
20. COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS REGARDING MATERIALS, METHODS OF WORK AND DISPOSAL OF EXCESS AND WASTE MATERIALS.
21. BURNING OF MATERIALS OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
22. PRIOR TO PERFORMING ANY EXCAVATION WITHIN THE CONSTRUCTION AREA, CONFIRM WITH DIG SAFELY NEW YORK AT 1-800-962-7962 THAT ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE CURRENTLY VERIFIED, OR ARRANGE FOR VERIFICATION.

UTILITIES NOTES:

- 1. EXISTING UTILITIES (PIPE/STRUCTURE LOCATIONS, SIZES, AND INVERT ELEVATIONS) SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM FIELD SURVEYS AND RECORDED MAPS AND SHALL BE INTERPRETED AS APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND FIELD VERIFYING ALL EXISTING INFORMATION AT ALL LOCATIONS IN CLOSE PROXIMITY TO THE UTILITIES AND WORK UNDER CONSTRUCTION. THIS INFORMATION INCLUDES BUT IS NOT LIMITED TO EXISTING PIPE AND STRUCTURE SIZES, PIPE AND STRUCTURE LOCATIONS, PIPE SLOPES, STRUCTURE RIM AND INVERT ELEVATIONS, PIPE MATERIALS AND PIPE CONDITIONS. THIS SHALL INCLUDE PIPE INVERTS, MATERIALS AND SIZES FOR UTILITIES CONNECTING TO DOWNSTREAM STRUCTURES. THIS VERIFICATION SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF SHOP DRAWING SUBMITTALS, ORDERING OF MATERIALS, AND THE START OF ANY REMOVALS FOR THIS PROJECT. ANY PROPOSED MODIFICATIONS TO THE DESIGN SHALL BE SUBMITTED AS SHOP DRAWINGS INCLUDING BUT NOT LIMITED TO DESIGN DRAWINGS AND UTILITY PROFILES INCLUDING PIPE AND STRUCTURE LAYOUT, STRUCTURE RIM AND INVERT ELEVATIONS, AND PIPE SIZES, MATERIALS AND SLOPES.
2. THE OWNER'S REPRESENTATIVE SHALL REVIEW THE LAYOUT OF ALL PAVEMENTS, UTILITIES, AND PLANTINGS IN THE FIELD BEFORE INSTALLATION. THE CONTRACTOR SHALL SCHEDULE ADVANCED NOTIFICATION TO THE OWNER'S REPRESENTATIVE TO FACILITATE TIMELY REVIEW.

- 3. THE OWNER ONLY SHALL OPERATE EXISTING VALVES AND FIRE HYDRANTS, INCLUDING NEWLY INSTALLED VALVES AND FIRE HYDRANTS THAT HAVE BEEN PLACED INTO SERVICE. THE CONTRACTOR IS ADVISED THAT WATERTIGHT CONDITIONS MAY NOT EXIST WHEN EXISTING VALVES ARE CLOSED.
4. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY EXCAVATION WORK WITHIN 10 FEET OF UTILITY POLES. THE CONTRACTOR SHALL INCLUDE THE COST OF TEMPORARY POLE SUPPORT IN THE APPROPRIATE BID ITEM. WHERE UTILITY POLES ARE REQUIRED TO BE SUPPORTED DURING CONSTRUCTION, THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND MAINTENANCE OF SURFACE WATER AND/OR GROUNDWATER ENCOUNTERED DURING THE COURSE OF WORK.
6. PRIOR TO START OF WORK, THE CONTRACTOR SHALL PROVIDE EXPLORATORY EXCAVATIONS AND COORDINATE ALL PIPING LAYOUTS WITH THE OWNER'S REPRESENTATIVE TO ELIMINATE ALL CONFLICTS WITH EXISTING UTILITIES.
7. THE USE OF EXPLOSIVES OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
8. CONSTRUCTION DEBRIS AND DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT REGULAR INTERVALS AS DETERMINED BY THE OWNER'S REPRESENTATIVE AND SHALL NOT BE ALLOWED TO ACCUMULATE. EMPLOY APPROPRIATE MEASURES TO PREVENT LOOSE DEBRIS FROM LEAVING THE CONSTRUCTION AREA.
9. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF UTILITY'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
10. PERFORM WORK AND PROVIDE ALL MATERIALS NECESSARY TO DISCONNECT OR RELOCATE EXISTING UTILITIES. COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SHUTOFF AND RECONNECTION OF ACTIVE SERVICES. RECORD EXISTING UTILITY TERMINATION POINTS BEFORE DISCONNECTION.
11. ADJUST THE RIM ELEVATIONS OF EXISTING UTILITY STRUCTURES SCHEDULED TO REMAIN WITH THE FINISHED GRADE ELEVATIONS.
12. THE CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICES AT ALL TIMES, EXCEPT DURING APPROVED AND SCHEDULED INTERRUPTIONS. THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK SCHEDULE AND A DETAILED SANITARY SEWER BY-PASS PROCEDURE TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. THE CONTRACTOR SHALL RESTORE GRAVITY SANITARY SEWER SERVICE AT THE END OF EACH WORKDAY. SHOULD THIS NOT BE POSSIBLE, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BY-PASS PUMPING OPERATIONS UNTIL NORMAL GRAVITY FLOWS CAN BE RE-ESTABLISHED AT NO ADDITIONAL COST TO THE OWNER.
13. ALL STRUCTURES SHALL MEET THE AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS (AASHTO) H20 LOADING REQUIREMENTS.
14. ALL NEW UTILITY LATERALS SHALL BE INSTALLED WITH A MINIMUM 1/4" PER FOOT SLOPE UNLESS OTHERWISE DIRECTED ON THE DRAWINGS OR IN TECHNICAL SPECIFICATIONS.
15. ALL CATCH BASIN GRATES SHALL INCLUDE THE LETTERING, "NO DUMPING".
16. ALL EXISTING DRAINAGE FACILITIES SHALL BE MAINTAINED FREE OF DEBRIS AND FOREIGN MATTER AND BE IN OPERATION THROUGHOUT CONSTRUCTION.
17. ALL PROPOSED WATER MAIN PIPING SHALL BE INSTALLED WITH A MINIMUM OF 5-FOOT OF COVER UNLESS OTHERWISE DIRECTED ON THE DRAWINGS OR IN TECHNICAL SPECIFICATIONS.
18. THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH THE OWNER FOR THE WYE DIRECTION (UPSTREAM OR DOWNSTREAM), FOR STORM AND SANITARY SYSTEMS BASED ON THE OWNER'S INFRASTRUCTURE REQUIREMENTS.
19. DISTANCES SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

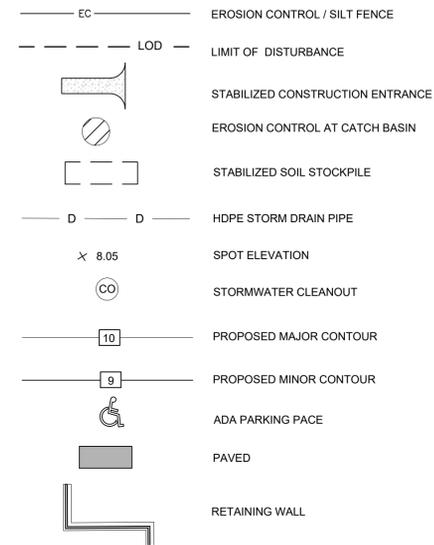
EROSION & SEDIMENT CONTROL & POLLUTION PREVENTION NOTES

- 1. AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
2. TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
3. TOP DRESS, SEED, AND MULCH OR SOD ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED.
4. MAINTAIN AN ADEQUATE SUPPLY OF EROSION AND SEDIMENT CONTROL MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO BE USED FOR URGENT SITUATIONS, SUCH AS UNEXPECTED HEAVY RAINFALL.
5. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCKPILES AT A STABLE LOCATION. STOCKPILES SHALL BE STABILIZED PER THE DETAIL.
7. CONSTRUCTION ROUTES SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF THE CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50' FROM STORM DRAINAGE OR SURFACE WATER. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO ESCAPE FROM THE CONCRETE WASHOUT.
9. SOLID WASTE SHALL BE STORED IN COVERED DUMPSTERS OR OTHER APPROPRIATE CONTAINERS. WASTE IS TO BE DISPOSED OF REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL, STATE, AND/OR FEDERAL REGULATIONS.
10. THE EROSION AND SEDIMENT CONTROLS ARE SHOWN FOR A CONDITION WHEN ALL WORK IS OCCURRING SIMULTANEOUSLY. ACTUAL INSTALLATIONS SHALL BE ADJUSTED BASED ON CURRENT CONSTRUCTION ACTIVITY AND SITE CONDITIONS.

DRAWING LIST

Table with 2 columns: DWG No. and DRAWING NAME. Rows include CG-001 (NOTES ABBREVIATIONS AND DRAWING LIST), C-100 (EXISTING SITE CONDITIONS), C-101 (SITE REMOVALS PLAN), C-102 (SITE - PLAN), C-103 (DRAINAGE - PLAN), C-201 (EROSION AND SEDIMENTATION CONTROL PAN), C-601 (EROSION CONTROL AND ASPHALT PAVEMENT DETAILS), C-602 (CIVIL SITE DETAILS I), C-603 (CIVIL SITE DETAILS II), C-604 (NEW YORK D.O.T. PEDESTRIAN FACILITIES AND ADA DETAILS), CL-101 (EXTERIOR LIGHTING - PLAN), CS-101 (CAST IN PLACE CONCRETE RETAINING WALL GENERAL NOTES, DETAILS, PLAN AND SECTION).

LEGEND:



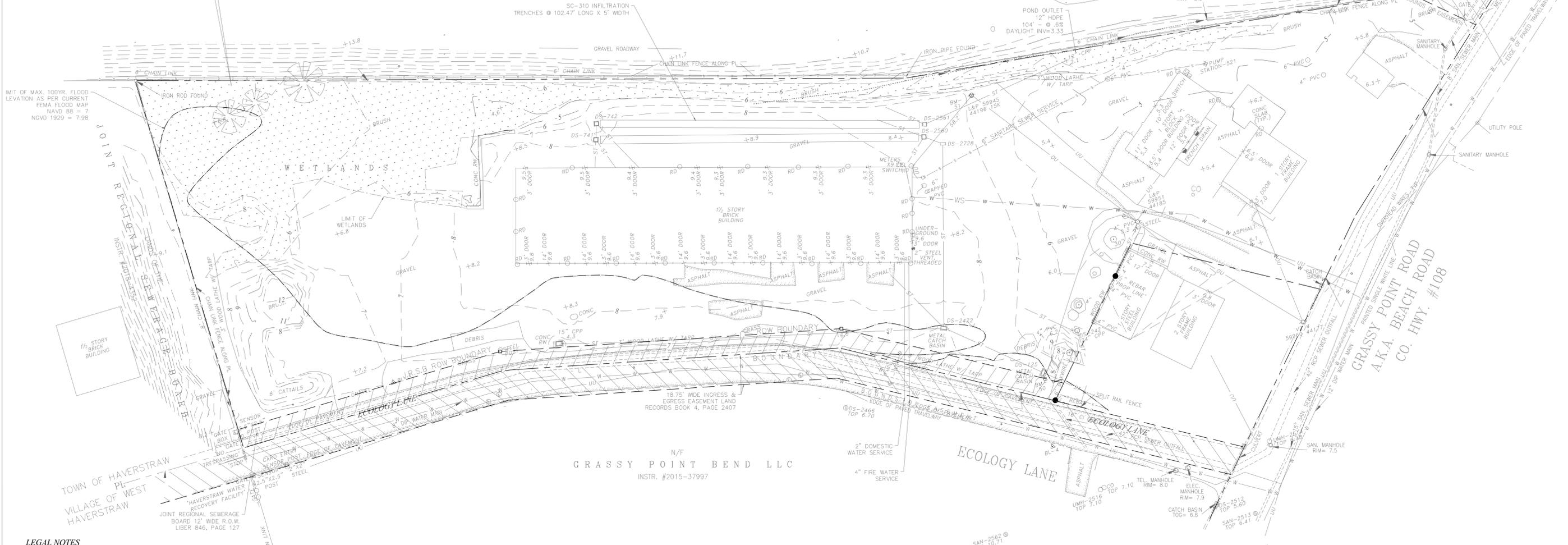
ABBREVIATIONS

Table of abbreviations with columns for symbol, description, and units. Includes terms like AL (ALUMINUM), ACT (ACTUAL), APPR (APPROXIMATE/ APPROXIMATELY), BC (BOTTOM OF CURB), BLDG (BUILDING), BM (BENCHMARK), BOS (BOTTOM OF SLOPE), BS (BOTTOM OF STAIR), BW (BOTTOM OF WALL), B&B (BALLED AND BURLAPPED), CAL (CALIPER), CB (CATCH BASIN), CF (CUBIC FEET), CI (CAST IRON), CIP (CAST IN PLACE), CIR (CIRCULAR), CJ (CONTROL JOINT), CLF (CHAIN-LINK FENCE), CLL (CONTRACT LIMIT LINE), CLR (CLEAR), CMP (CORRUGATED METAL PIPE), CO (COLUMN), CONC (CONCRETE), CONT (CONTAINER), CONTR (CONTRACTOR), CY (CUBIC YARDS), DET (DETAIL), DIM (DIMENSION), DIA (DIAMETER), DMH (DROP MANHOLE), DWG (DRAWING), E (EAST), EA (EACH), EJ (EXPANSION JOINT), EL (ELEVATION), EQ (EQUAL), ES (END SECTION), EX (EXISTING), EXP (EXPANSION), FFE (FINISHED FLOOR ELEVATION), FG (FINISHED GRADE), FIN (FINISH), FL (FLOOR), FTG (FOOTING), FT (FOOT/FEET), GA (GAUGE), GAL (GALLON), GALV (GALVANIZED), GC (GENERAL CONTRACTOR), GR (GUARDRAIL), GV (GAS VALVE), HOR (HORIZONTAL), HP (HIGH POINT), HT (HEIGHT), HW (HEAD WALL), HWY (HIGHWAY), HYD (HYDRANT), ID (INSIDE DIAMETER), IN (INCH/INCHES), INL (INLET), INV (INVERT), IP (IRON PIPE), JB (JUNCTION BOX), L (LENGTH/LONG), LA (LANDSCAPE ARCHITECT), LAT (LATITUDE), LF (LINEAR FEET), LFT (LEFT), LIN (LINEAR), LP (LOW POINT), M (METER), MAX (MAXIMUM), MH (MANHOLE), MIN (MINIMUM), MISC (MISCELLANEOUS), MON (MONUMENT), N (NORTH), NIC (NOT IN CONTRACT), NOM (NOMINAL), NTS (NOT TO SCALE), NUM (NUMBER), OC (ON CENTER), OCEW (ON CENTER EACH WAY), OD (OUTSIDE DIAMETER), OP (OUTLET PROTECTION), PA (PLANTING AREA), PC (POINT OF CURVATURE), PL (PROPERTY LINE), PT (POINT OF TANGENT/ PERCOLATION TEST LOCATION), PVC (POLYVINYL CHLORIDE), R (RADIUS), RCP (REINFORCED CONCRETE PIPE), REINF (REINFORCING), REQD (REQUIRED), REV (REVISION), ROW (RIGHT OF WAY), RT (RIGHT), S (SOUTH), SAN (SANITARY), SECT (SECTION), SF (SQUARE FOOT), SG (SUB GRADE), SH (SHEET), SI (STORM INLET), SL (STREET LIGHT), SPEC (SPECIFICATIONS/ SPECIFIED), SQ (SQUARE), SS (STAINLESS STEEL), STA 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NOTE:
THE LIMIT OF WETLANDS AS SHOWN HEREON IS FROM FIELD DESIGNATION ON 2/25/20 BY MICHAEL NOWICKI, BIOLOGIST AT ECOLOGICAL SOLUTIONS, LLC

N/F
TOWN OF HAVERSTRAW
LIBER 671, PAGE 314



LIMIT OF MAX. 100YR. FLOOD ELEVATION AS PER CURRENT FEMA FLOOD MAP NAVD 88 = 7 NGVD 1929 = 7.98

LEGAL NOTES

1. THE TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS PREPARED BY HULBERT ENGINEERING AND LAND SURVEYING, DPC 33 LEWIS ROAD BINGHAMTON, NY 13095.
2. ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.
3. THE CERTIFICATION IS LIMITED TO PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED.
4. THE CERTIFICATIONS HEREON ARE NOT TRANSFERABLE.
5. THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.
6. UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA ARE SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BY CONTACTING DIG SAFELY, NEW YORK AT 1-800-962-7962. IN ACCORDANCE WITH 16 NYCRR PART 753. (ALSO CITED AS INDUSTRIAL CODE 53 OR CODE RULE 53) BEFORE STARTING WORK AND SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM HIS OR HER WORK. TICKET NO. 07244-000-735.

ALL COORDINATES AND BEARINGS ARE BASED ON NEW YORK STATE PLANE EASTERN ZONE NAD83(CORS2011) NAVD88 US SURVEY FEET

FIELD SURVEY COMPLETED AUGUST 2, 2024

- DS-125 TOP 6.76 CPP SE 5.3 4" NW 3.4 12" SUMP 6.76
- DS-242 TOP 8.36 S 3.0 6" PVC TRENCH DRAIN-425 TOP 5.32 SUMP 4.8
- DS-741 TOP 7.54 NE 2.5 15" SE 2.5 12" SW 2.8 12" SUMP 1.3
- DS-742 TOP 6.88 SE 2.4 12" SW 2.5 15" SUMP 0.6
- DS-2422 TOP 6.96 N 3.0 15" CSP SE 3.2 12" CPP NW 3.3 12" SUMP 3.2
- DS-2560 TOP 8.49 SE 2.5 15" SW 2.8 12" NW 2.6 12" SUMP 1.3
- DS-2561 TOP 7.85 E 2.6 12" NW 2.6 12" SUMP 0.7
- DS-2728 TOP 7.10 S 2.8 12" NW 2.8 15" SUMP 2.7
- PUMP STATION-521 TOP 5.75 ELEC. PUMP 0.5 ELBOW 2.4 2" PVC ELEC. OUTLET BOX 2.8 W 1.4 6" PVC SUMP -0.7

EXISTING SITE - PLAN
SCALE: 1" = 30'



BASELINE 3
1#2 REBAR W/CAP "BASELINE"
N: 867,076.236
E: 637,160.641

BASELINE 4
1#2 REBAR W/CAP "BASELINE"
N: 866,912.925
E: 637,545.061

BM-50
A 1/2" REBAR WITH A CAP "BASELINE" SET IN CONCRETE ON THE EASTERLY EDGE OF THE GRAVEL PARKING LOT LOCATED 4.0 FEET SOUTHERLY OF A METAL CATCH BASIN (DS-125) AND 14.8 FEET NORTHWESTERLY OF A FOUND 1/2" INCH REBAR.

ELEVATION: 6.46

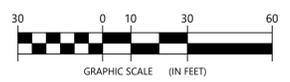
BM-51
A BENCH TIE ON THE SOUTH SIDE OF A UTILITY POLE (L&P 59945 44196 15K) ON THE NORTHERLY EDGE OF A GRAVEL PARKING LOT LOCATED 58.2 FEET NORTHEASTERLY FROM THE NORTHEAST CORNER OF A 1/2 STORY BRICK BUILDING.

ELEVATION: 7.97

NOTE:
PROPERTY BOUNDARY AND EASEMENT INFORMATION TAKEN FROM CORLESS AND ASSOCIATES, ENVIRONMENTAL ENGINEERS - LAND SURVEYORS 48 MICHAEL ROBERT CT. PEARL RIVER, NEW YORK 10965. PLAN DATED 6/07/2022 CALLED "EXISTING CONDITIONS PLAN FOR BEACH ROAD INDUSTRIAL, LLC LOCATED IN TOWN OF HAVERSTRAW, ROCKLAND COUNTY, NY."

EXISTING LEGEND

●	MONUMENTATION FOUND (AS NOTED)	○	BUSH DECIDUOUS	⊠	AIR CONDITIONING UNIT
△	BASELINE POINT	⊕	DECIDUOUS TREE (AS NOTED)	+	SPOT ELEVATION
□	BENCH MARK	⊖	UTILITY POLE	⊗	WATER HOSE HOOK-UP
—	TIE LINE	⊘	GUY WIRE	⊙	FIRE HYDRANT
—	OVERHEAD UTILITIES	⊚	ELECTRIC (AS NOTED)	⊛	WATER VALVE
—	UNDERGROUND UTILITIES PAINT	⊜	ELECTRIC MANHOLE	⊝	PIPE INVERT
—	UNDERGROUND UTILITIES PLANS	⊞	MISCELLANEOUS MANHOLE	⊟	CORRUGATED PLASTIC PIPE
—	WATER LINE PAINT	⊠	DRAINAGE STRUCTURE	⊡	POLYVINYL CHLORIDE PIPE
—	STORM DRAINAGE LINE	⊢	DRAINAGE STRUCTURE AT EP	⊣	RETAINING WALL
—	BRUSH LINE	⊤	DRAINAGE STRUCTURE	⊥	MISCELLANEOUS UTILITY
—	FENCE LINE (AS NOTED)	⊦	STORM DRAINAGE MANHOLE		
—	GRAVEL OUTLINE	⊧	SANITARY MANHOLE		
—	STONE-DIRT PILE	⊨	CLEANOUT		
—	DRIP LINE	⊩	POST (AS NOTED)		
—	1' CONTOUR INTERVAL	⊪	ROOF DRAIN		
		⊫	BOLLARD		



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CLIENT / SUBCONSULTANT:

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Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EXISTING SITE PLAN**

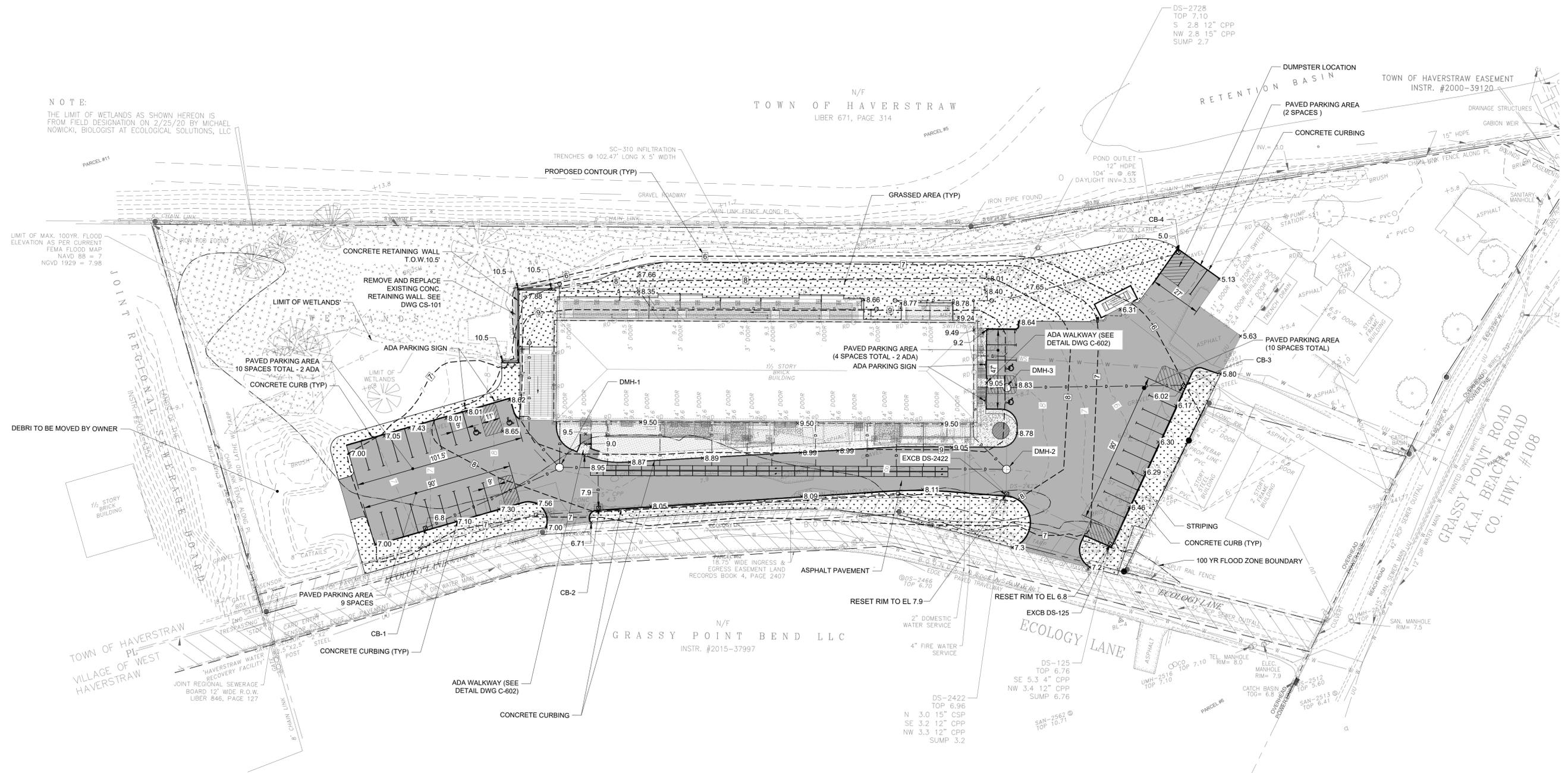
DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION
1	09/09/2024	ADDENDUM No.2
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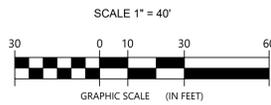
EDR JOB#: 20098		
BY	CHK	APP
JUO	JHH	MET
DATE: 09/09/2024		
SCALE: 1" = 30'		
DRAWN BY: JJO		
CHECKED BY: JHH		
DRAWING NUMBER:		
C-100		

Date Printed: 09/09/2024 10:45:17 AM

NOTE:
THE LIMIT OF WETLANDS AS SHOWN HEREON IS FROM FIELD DESIGNATION ON 2/25/20 BY MICHAEL NOWICKI, BIOLOGIST AT ECOLOGICAL SOLUTIONS, LLC



SITE - PLAN
SCALE: 1" = 30'



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P. 315.471.0688

PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: HAVERSTRAW, NEW YORK

CLIENT: ROCKLAND GREEN

DRAWING TITLE: SITE PLAN

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP	DATE
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET	09/09/2024
2						
3						
4						
5						
6						

EDR JOB#: 20098

SCALE: 1" = 30'

DRAWN BY: JJO

CHECKED BY: JHH

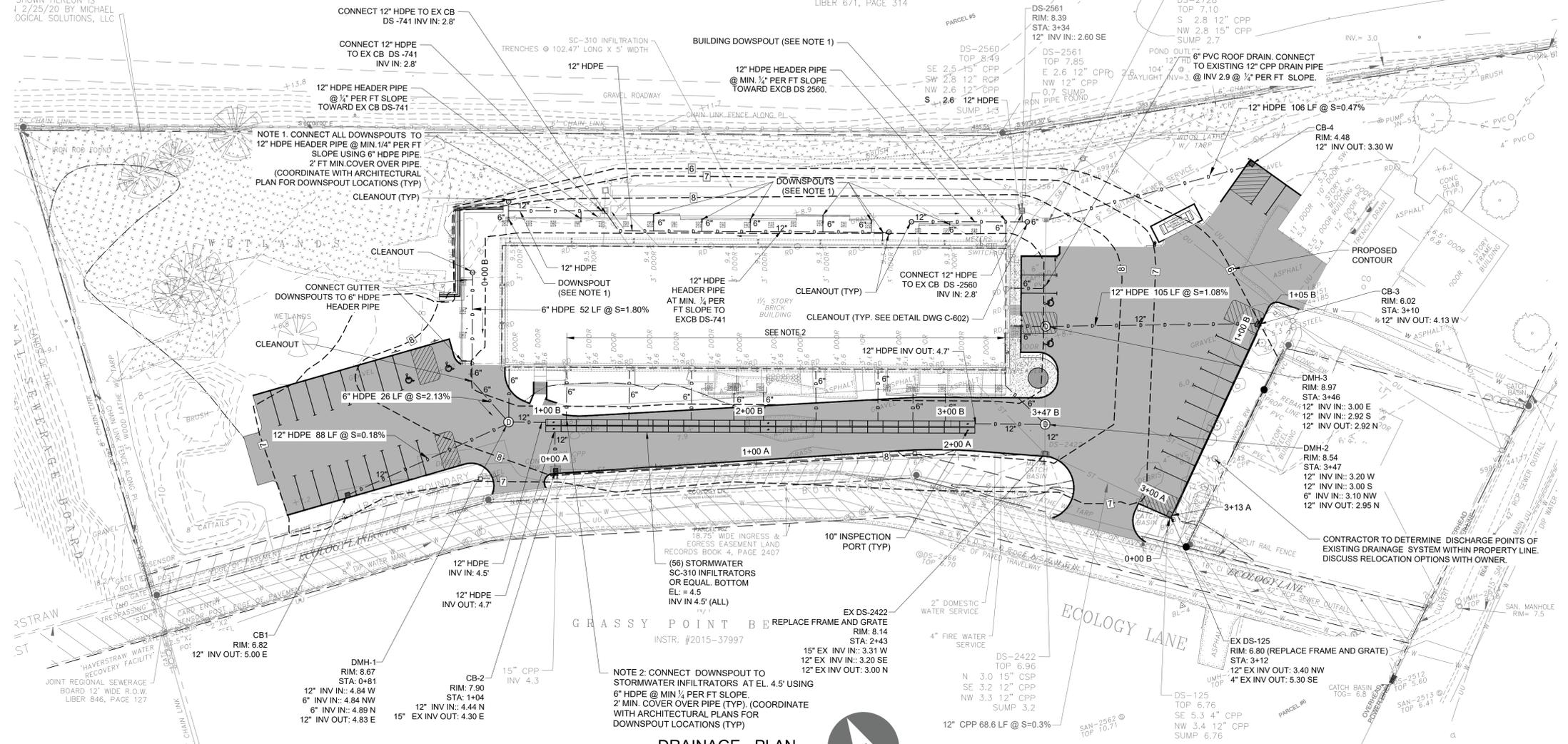
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C-102

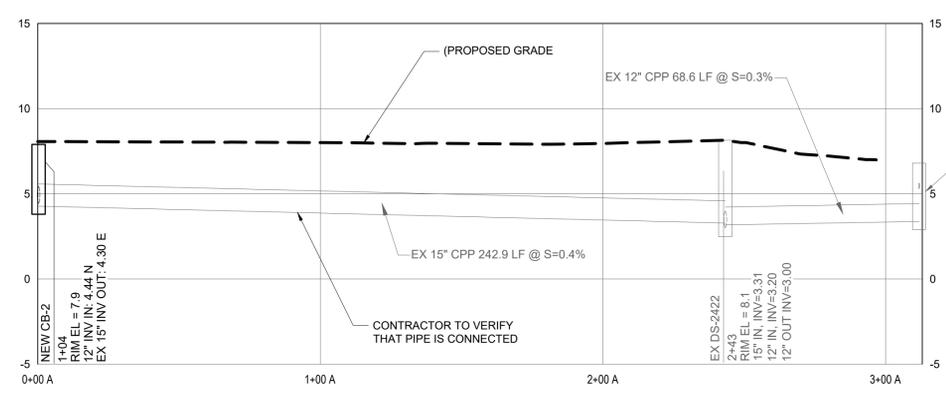
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 ORIGINAL DRAWING DATE: JACOBI & JACOBI
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SHOWN HEREON IS
 12/25/20 BY MICHAEL
 OGICAL SOLUTIONS, LLC

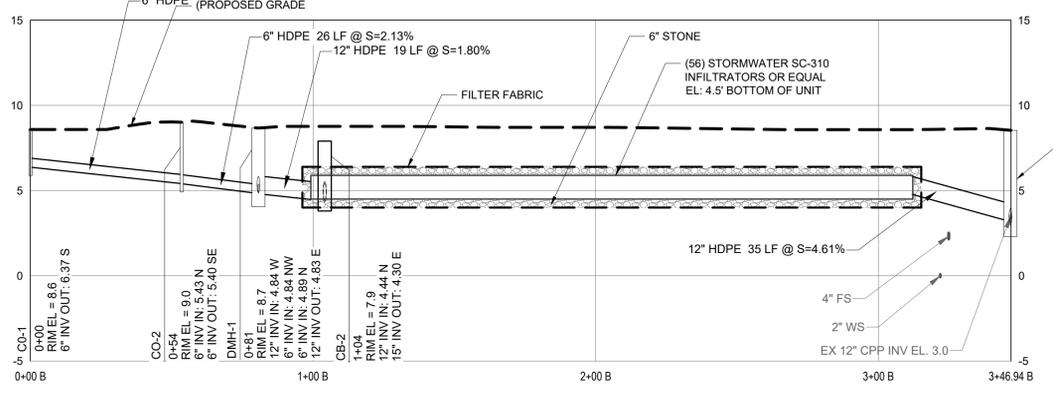
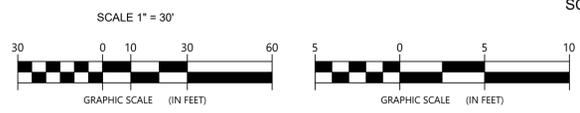
TOWN OF HAVERSTRAW
 LIBER 671, PAGE 314



DRAINAGE - PLAN
 SCALE: 1" = 30'



ALIGN A - PROFILE
 SCALE: 1" = 30' HORIZONTAL
 1" = 5' VERTICAL



ALIGN B - PROFILE
 SCALE: 1" = 30' HORIZONTAL
 1" = 5' VERTICAL



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 Syracuse, New York 13202
 P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **DRAINAGE PLAN**

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION
1	09/09/2024	ADDENDUM No.2
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EDR JOB#: **20098**

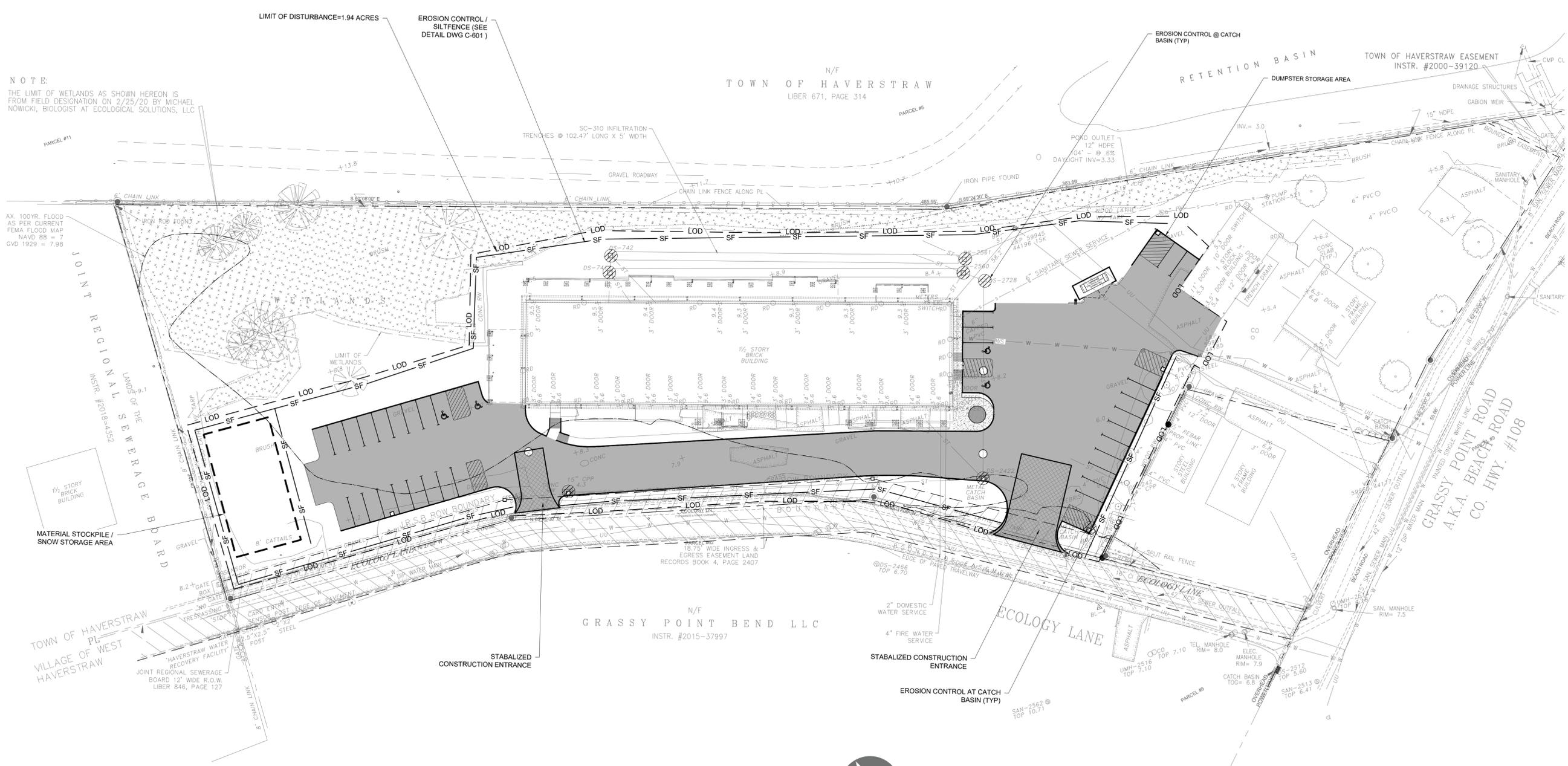
BY	CHK	APP	DATE: 09/09/2024
JJO	JHH	MET	SCALE: 1" = 30'
			DRAWN BY: JJO
			CHECKED BY: JHH
			DRAWING NUMBER:

C-103

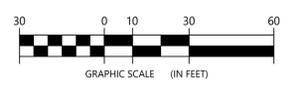
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NOTE:
THE LIMIT OF WETLANDS AS SHOWN HEREON IS FROM FIELD DESIGNATION ON 2/25/20 BY MICHAEL NOWICKI, BIOLOGIST AT ECOLOGICAL SOLUTIONS, LLC

AX: 100YR. FLOOD AS PER CURRENT FEMA FLOOD MAP NAVD 88 = 7 CVD 1929 = 7.98



EROSION CONTROL- PLAN
SCALE: 1" = 30'



LEGAL NOTES

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Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: HAVERSTRAW, NEW YORK

CLIENT: ROCKLAND GREEN

DRAWING TITLE: **EROSION AND SEDIMENTATION CONTROL PLAN**

DRAWINGS ISSUED FOR / REVISIONS		
NO.	DATE	ISSUED FOR / REVISION
1	09/09/2024	ADDENDUM No.2
2		
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BY: JJO, CHK: JHH, APP: MET

CONTRACT NO.

EDR JOB#: 20098

DATE: 09/09/2024

SCALE: NOT TO SCALE

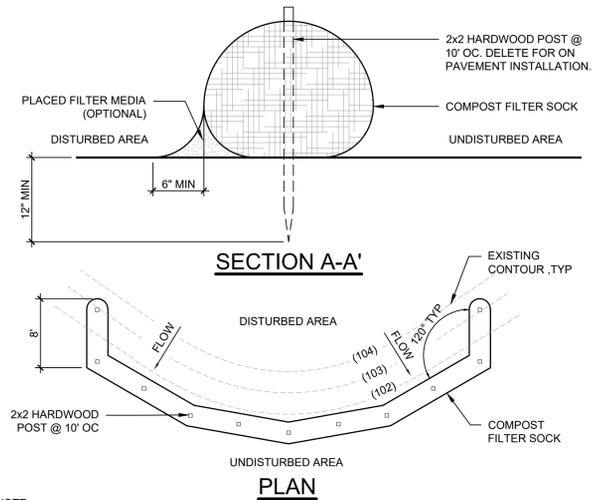
DRAWN BY: JJO

CHECKED BY: JHH

DRAWING NUMBER:
C-201

NOTES:

1. AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
2. DISTURBED AREAS SHALL BE AS SMALL AS PRACTICAL, AND SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED.
3. TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
4. THE START OF ANY ON-SITE CONSTRUCTION INCLUDING STRIPPING TOPSOIL, REMOVING CUT OR PLACING FILL MATERIAL ESTABLISHES THAT THE CONTRACTOR ACCEPTS THE CONTRACT DOCUMENTS AS ACCURATELY REPRESENTING THE EXISTING SITE CONDITIONS.
5. ALL FACILITIES TO BE CONSTRUCTED OR INSTALLED SHALL COMPLY WITH ALL SECTIONS AND LATEST REVISIONS OF THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
6. TOP DRESS, SEED AND MULCH ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED.
7. ADJUST THE RIM ELEVATIONS OF EXISTING UTILITY STRUCTURES SCHEDULED TO REMAIN TO BE FLUSH WITH THE FINISHED GRADE ELEVATIONS.
8. MAINTAIN AN ADEQUATE SUPPLY OF EROSION AND SEDIMENT CONTROL MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO BE USED FOR URGENT SITUATIONS, SUCH AS UNEXPECTED HEAVY RAINFALL.
9. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCK PILES AT A STABLE LOCATION. STOCK PILES SHALL BE STABILIZED PER THE DETAIL.
10. CONSTRUCTION ROUTES SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
11. THE EROSION AND SEDIMENT CONTROLS ARE SHOWN FOR A CONDITION WHEN ALL WORK IS OCCURRING SIMULTANEOUSLY. ACTUAL INSTALLATIONS SHALL BE ADJUSTED BASED ON CURRENT CONSTRUCTION ACTIVITY AND SITE CONDITIONS.
12. EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO A STABILIZED CONSTRUCTION ENTRANCE, STABILIZED CONSTRUCTION STAGING AREA AND SILT FENCE SHALL BE THE FIRST ITEMS CONSTRUCTED WHEN SITE WORK BEGINS, AND MUST BE COMPLETELY FUNCTIONAL BEFORE DOWN SLOPE LAND DISTURBANCE BEGINS.
13. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN. ANY NEED FOR REPAIRS OR MAINTENANCE SHALL BE ADDRESSED IMMEDIATELY TO ASSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
14. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
15. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
16. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL PRACTICES, AS SHOWN ON THE DETAIL SHEETS, AS NECESSARY DURING THE COURSE OF CONSTRUCTION AT NO COST TO THE OWNER.
17. THE CONTRACTOR SHALL INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE TO PREVENT THE TRANSPORT OF SEDIMENT ONTO PUBLIC ROADS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
18. IF SEDIMENT IS TRANSPORTED ONTO ROADS, IT MUST BE REMOVED FROM THE ROAD SURFACE ON A DAILY BASIS AND PRIOR TO RAIN EVENTS. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTAMINATION OF STORMWATER AND SURFACE WATER.
19. VEGETATION SHALL BE PROTECTED OUTSIDE OF THE LIMITS OF DISTURBANCE.
20. ALL EXISTING TOPSOIL SHALL BE STOCKPILED TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS FOR THE ESTABLISHMENT OF VEGETATION.
21. IF MEASURES ARE NEEDED, THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF THE CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50' FROM STORM DRAINAGE OR SURFACE WATER. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO ESCAPE FROM THE CONCRETE WASHOUT.
22. FOR INSTALLED SEDIMENT CONTROL PRACTICES, REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS WHEN THE ACCUMULATION HAS REACHED A DEPTH OF 25% OF THE HEIGHT AND/OR VOLUME OF THE PRACTICE'S CAPACITY, OR MORE FREQUENTLY AS REQUIRED BY THE DETAILS.
23. THE CONTRACTOR SHALL PROVIDE PORTABLE HANDWASHING AND SANITARY FACILITIES, THESE FACILITIES SHALL BE SERVICED REGULARLY BY AN APPROVED SERVICE PROVIDER.
24. SOLID WASTE SHALL BE STORED IN COVERED DUMPSTERS OR OTHER APPROPRIATE CONTAINERS. WASTE IS TO BE DISPOSED OF REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL, STATE, AND/OR FEDERAL REGULATIONS.
25. DURING ROUGH GRADING, LEAVE SLOPE SURFACES SLIGHTLY ROUGHENED TO A DEPTH OF 1-2 INCHES - DO NOT BACK BLADE SLOPES.



NOTE:

1. COMPOST FILTER SOCKS SHALL BE PLACED ON THE CONTOUR WITH BOTH TERMINAL ENDS OF THE SOCK EXTENDING 8 FEET UPSLOPE AT A 45° ANGLE TO PREVENT BYPASS FLOW.
2. DIAMETERS DESIGNED FOR USE SHALL BE 12"-32".
3. THE FLAT DIMENSION OF THE SOCK SHALL BE AT LEAST 1.5 TIMES THE NOMINAL DIAMETER.
4. THE MAXIMUM SLOPE LENGTH (IN FEET) ABOVE A COMPOST FILTER SOCK SHALL NOT EXCEED THE FOLLOWING LIMITS:
5. THE COMPOST INFILL SHALL BE WELL DECOMPOSED (MATURED AT LEAST 3 MONTHS), WEED-FREE, ORGANIC MATTER. IT SHALL BE AEROBICALLY COMPOSTED, POSSESS NO OBJECTIONABLE ODORS, AND CONTAIN LESS THAN 1% BY DRY WEIGHT, OF MAN-MADE FOREIGN MATTER. THE PHYSICAL PARAMETERS OF THE COMPOST SHALL MEET THE STANDARDS LISTED IN TABLE 5.2-COMPOST FILTER MEDIA STANDARDS TABLE. NOTE ALL BIOSOLIDS COMPOST PRODUCED IN NEW YORK STATE (OR APPROVED FOR IMPORTATION) MUST MEET NYS DEC'S 6 NYCRR PART 360 (SOLIDS WASTE MANAGEMENT FACILITIES) REQUIREMENTS. THE PART 360 REQUIREMENTS ARE EQUAL TO OR MORE STRINGENT THAN 40 CFR PART 503 WHICH ENSURE SAFE STANDARDS FOR PATHOGEN REDUCTION AND HEAVY METALS CONTENT. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE A LOW NUTRIENT VALUE.
6. THE COMPOST FILTER SOCK FABRIC MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS GIVEN IN TABLE 5.3-COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS TABLE.
7. COMPOST FILTER SOCKS SHALL BE ANCHORED IN EARTH WITH 2X2 WOODEN STAKES DRIVEN 12" INTO THE SOIL ON 10 FOOT CENTER ON THE CENTERLINE OF THE SOCK. ON UNEVEN TERRAIN, EFFECTIVE GROUND CONTACT CAN BE ENHANCED BY THE PLACEMENT OF A FILLET OR FILTER MEDIA ON THE DISTURBED AREA SIDE OF THE COMPOST SOCK.
8. ALL SPECIFIC CONSTRUCTION DETAILS AND MATERIAL SPECIFICATIONS SHALL APPEAR ON THE EROSION AND SEDIMENT CONTROL CONSTRUCTIONS DRAWINGS WHEN COMPOST FILTER SOCKS ARE INCLUDED IN THE PLAN.

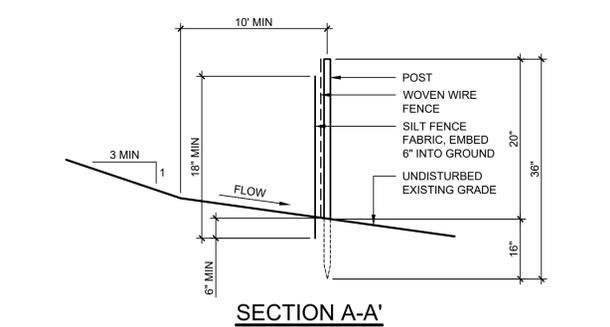
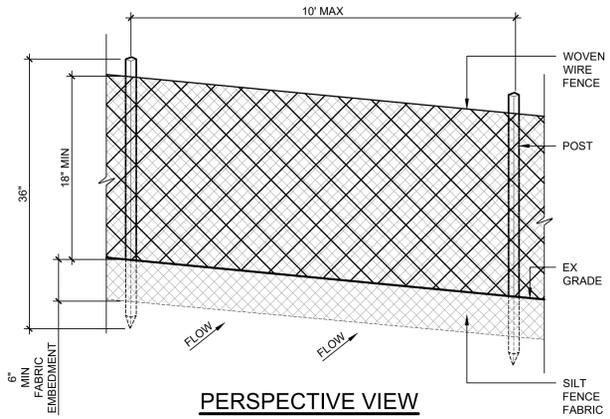
*TABLE FROM THE 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

DIA (IN)	SLOPE %						
	2	5	10	20	25	33	50
8	225	200	100	5	20	-	-
12	250	225	125	65	50	40	25
18	275	250	150	70	55	45	30
24	350	275	200	130	100	60	35
32	450	325	275	150	120	75	50

ORGANIC MATTER CONTENT	25% - 100% DRY WEIGHT
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	6.0 - 8.0
MOISTURE CONTENT	30% - 60%
PARTICLE SIZE	100% PASSING A 1" SCREEN AND 10-50% PASSING A 3/8" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 dS/m (mmhos/cm) MAXIMUM

MATERIAL TYPE	3 MIL HDPE	5 MIL HDPE	5 MIL HDPE	MULTI-FILAMENT POLYPROPYLENE	HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE
MATERIAL CHARACTERISTICS	PHOTODEGRAD-ABLE	PHOTODEGRAD-ABLE	BIODEGRAD-ABLE	PHOTODEGRAD-ABLE	PHOTODEGRAD-ABLE
SOCK DIAMETERS	12", 18"	12", 18", 24", 32"	12", 18", 24", 32"	12", 18", 24", 32"	12", 18", 24", 32"
MESH OPENING	3/8"	3/8"	3/8"	3/8"	1/8"
TENSILE STRENGTH	26 PSI	26 PSI	44 PSI	202 PSI	
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	23% AT 1000 HR.	23% AT 1000 HR.	100% AT 1000 HR.	100% AT 1000 HR.	
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS

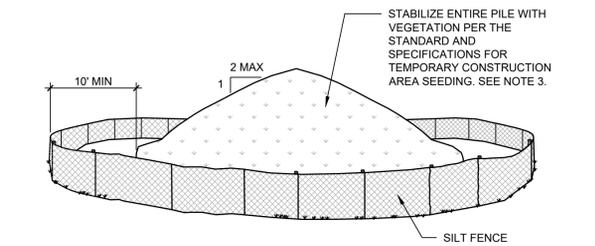
COMPOST FILTER SOCK
NOT TO SCALE



NOTES:

1. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE EITHER STEEL 'T' OR 'U' TYPE, OR HARDWOOD.
2. SILT FENCE FABRIC SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WOVEN WIRE FENCE SHALL BE MINIMUM 14 GAUGE, WITH MAXIMUM 6" MESH SPACING.
4. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE MIRAFI 100X OR APPROVED EQUAL.
5. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
6. MAINTENANCE SHALL BE PERFORMED IMMEDIATELY AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.

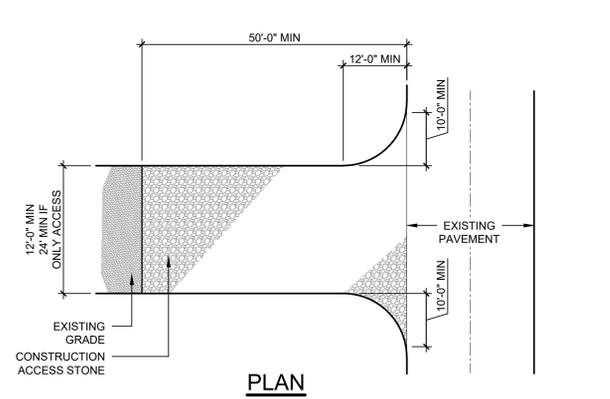
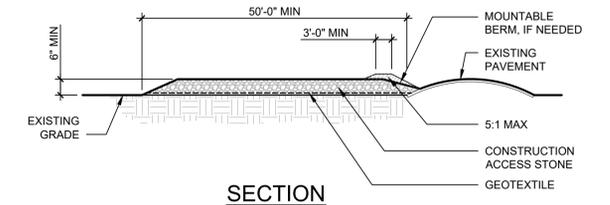
REINFORCED SILT FENCE
NOT TO SCALE



NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY, STABILIZED AND LOCATED AWAY FROM KNOWN WORK AREAS TO PREVENT RELOCATION.
2. MAXIMUM STOCKPILE HEIGHT SHALL BE 12 FEET.
3. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, INSTALLED PER SILT FENCE DETAIL, THEN STABILIZED IN ACCORDANCE WITH THE NYSDEC STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA SEEDING WITHIN 7 DAYS OF COMPLETION.
4. A PERIMETER DIKE/SWALE SHALL BE LOCATED UP-SLOPE OF THE TOPSOIL STOCKPILE TO DIVERT STORMWATER AROUND THE STOCKPILE.

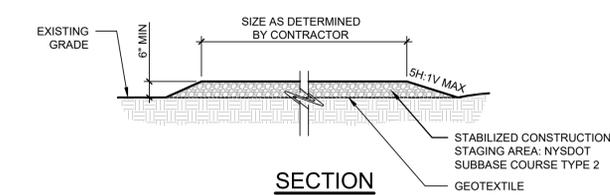
STABILIZED SOIL STOCKPILE
Scale: NTS TEMPORARY



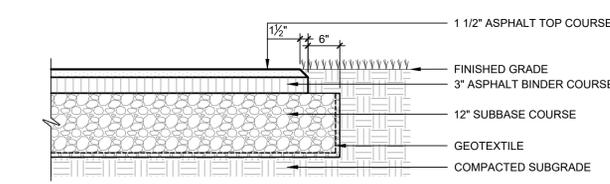
NOTES:

1. CONSTRUCTION ACCESS STONE SIZE - USE A 50% TO 50% MIX OF NYS DOT #4 AND #5 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. GEOTEXTILE:
 - 2.A. MIRAFI 500X OR APPROVED EQUAL.
 - 2.B. SHALL BE PLACED UNDER THE ENTIRE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACING OF STONE.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED ACROSS THE STABILIZED CONSTRUCTION ACCESS. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM SHALL BE USED.
4. MAINTENANCE - THE CONSTRUCTION ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ACCESS ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO A NYSDEC APPROVED SEDIMENT TRAPPING DEVICE.
6. TRAINED CONTRACTOR SHALL PROVIDE DAILY INSPECTIONS.

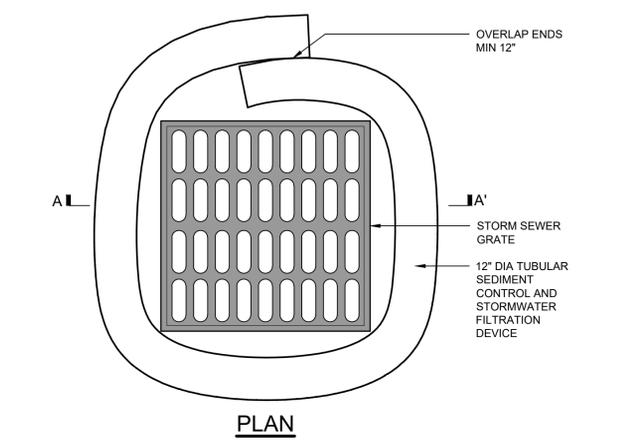
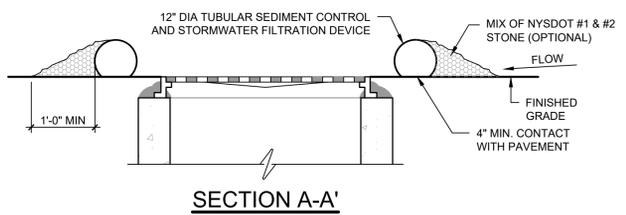
STABILIZED CONSTRUCTION ACCESS
Scale: NTS TEMPORARY



STABILIZED CONST STAGING AREA
Scale: NTS TEMPORARY



ASPHALT - PAVEMENT
Scale: NTS



NOTES:

1. TUBULAR SEDIMENT CONTROL AND STORMWATER FILTRATION DEVICE SHALL BE FILTREXX FILTERSOXX, OR EQUIVALENT.
2. REPLACE AND DISPOSE OF PER MANUFACTURERS SPECIFICATIONS.
3. MAXIMUM CONTRIBUTING DRAINAGE AREA SHALL BE 1.0 ACRES.

INLET PROTECTION
NOT TO SCALE

ORIGINAL DRAWING SIZE: ARCHIT D (A1, X 1/8")
 DATE PLOTTED: 09/09/2024 10:04:02 AM
 C:\2024\Biodiversity\Green_Cat\Working\Drawings\Animal_Shelter\CAD\009_C-01.dwg
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 The following is paraphrased from the New York Education Law, Article 145, Section 7209, and Chapter II, Section 79-1.4, and applies to this drawing. "It is a violation of this law for any person unless he is acting under the direction of a licensed professional engineer, licensed landscape architect or licensed land surveyor to alter an item in any way, if an item bearing the seal of an engineer, landscape architect or land surveyor is altered, the altering engineer, landscape architect or land surveyor shall affix to the item his seal and the notation "altered" followed by his signature and the date of such alteration and a specific description of the alteration".



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PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

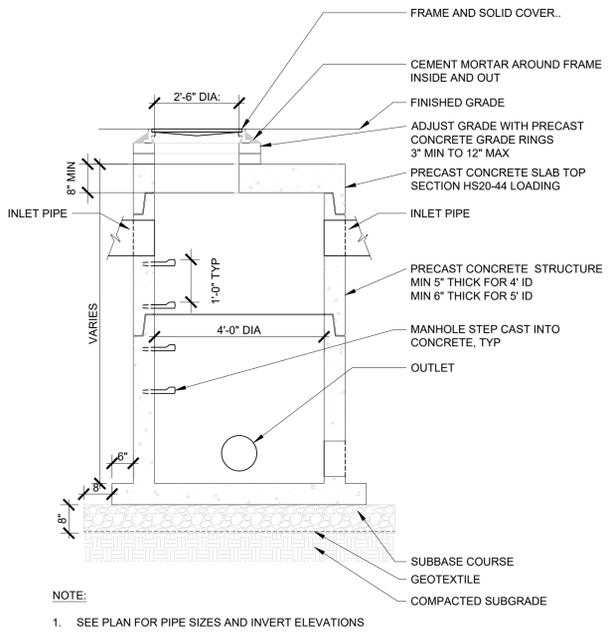
CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EROSION CONTROL AND ASPHALT PAVEMENT DETAILS**

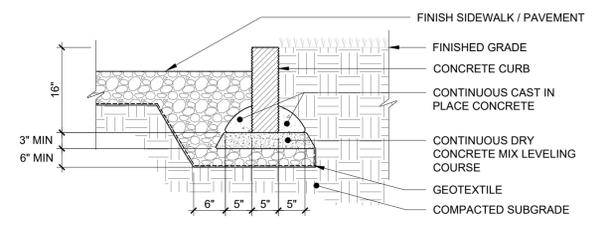
CONTRACT NO.:

DRAWINGS ISSUED FOR / REVISIONS				EDR JOB#: 20098		
NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP	DATE: 09/09/2024
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET	DRAWN BY: JJO
2						CHECKED BY: JHH
3						DRAWING NUMBER:
4						C-601
5						
6						

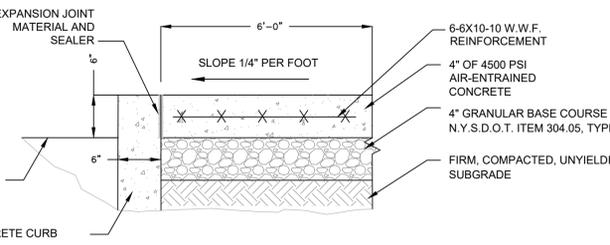
Date Printed: 9/9/2024 10:57:26 AM
 ORIGINAL DRAWING SIZE: ARCHIT D (24" X 36")
 1:202408 Backboard Cover_Cat/Walking Drawing/Animal Shelter/Civil/2024/C-602.dwg
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STORM - MANHOLE
Scale: NTS WITH TOP SLAB

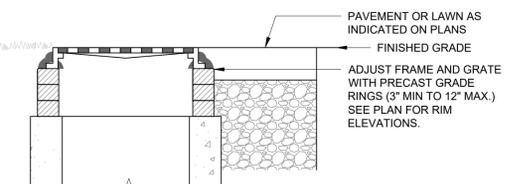


CONCRETE CURB - FLUSH
Scale: NTS

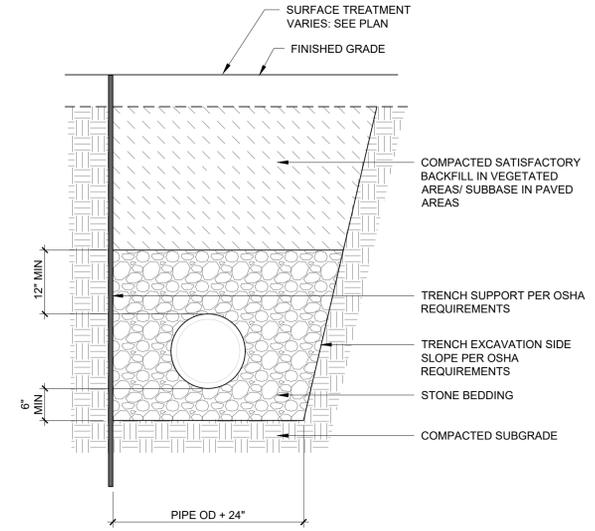


FLUSH CONCRETE CURB / SIDEWALK DETAIL
Scale: NTS

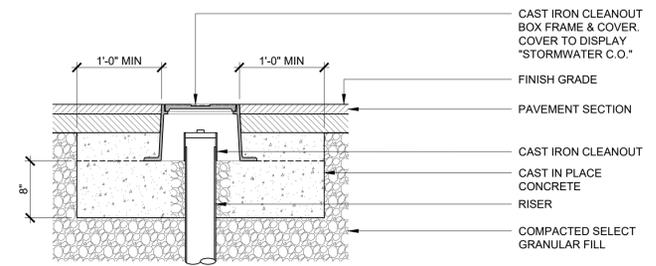
NOTES:
1. INSTALL 1/2\"/>



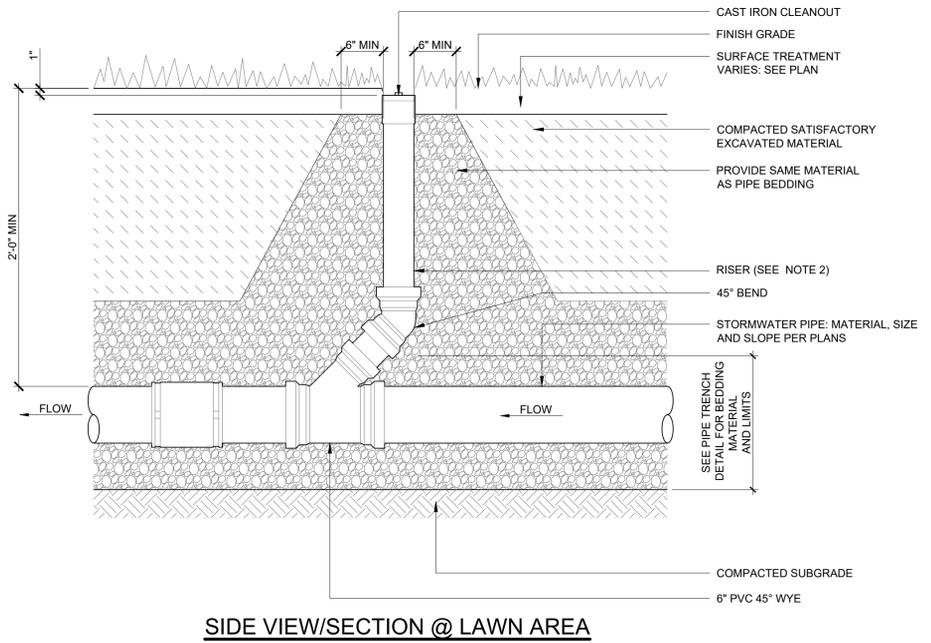
ADJUST STORM/SANITARY FRAME ELEV
Scale: NTS



STORMPIPE TRENCH
Scale: NTS WITH STONE BEDDING

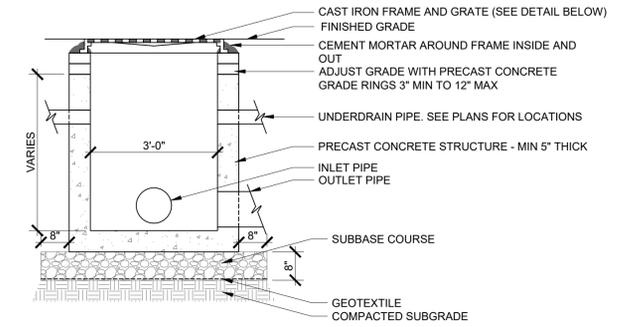


SECTION @ PAVED AREA



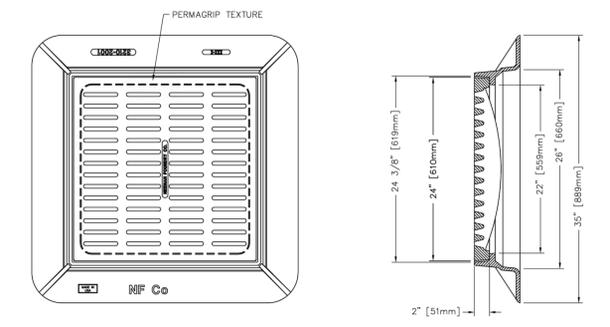
SIDE VIEW/SECTION @ LAWN AREA

STORM/SANITARY CLEANOUT
Scale: NTS

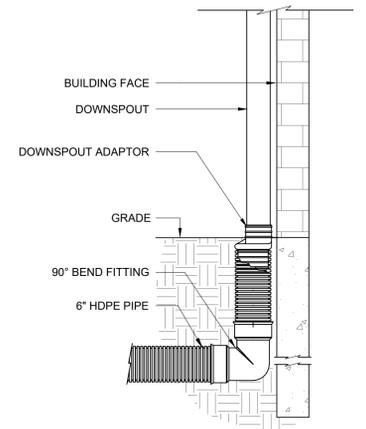


NOTE:
1. SEE PLAN FOR PIPE SIZES AND INVERT ELEVATIONS

STORM - CATCH BASIN DETAIL
Scale: NTS



STORM - NEENAH FOUNDATION R-3210-Q CATCH BASIN
Scale: NTS FRAME AND TYPE Q GRATE



STORM - DOWNSPOUT CONNECTION
Scale: NTS COMMERCIAL



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PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

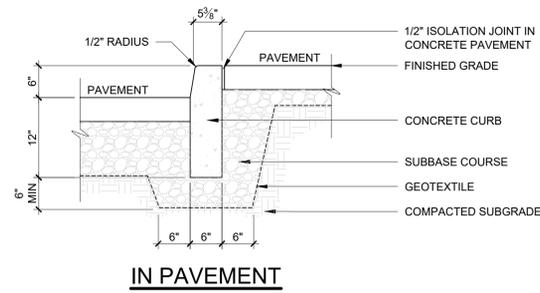
PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

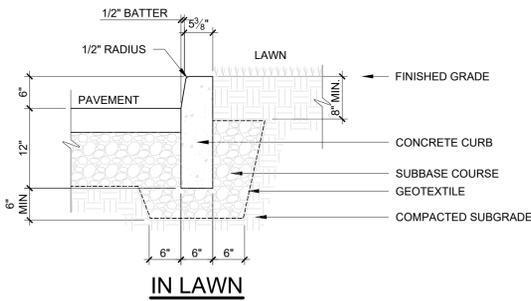
DRAWING TITLE: **CIVIL SITE DETAILS I**

DRAWINGS ISSUED FOR / REVISIONS				EDR JOB#: 20098		
NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP	DATE: 09/09/2024
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET	SCALE: NOT TO SCALE
2						DRAWN BY: JJO
3						CHECKED BY: JHH
4						DRAWING NUMBER:
5						
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C-602



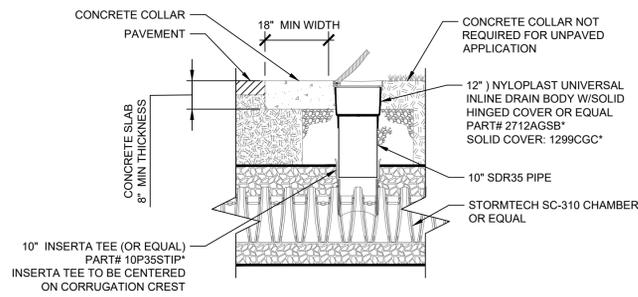
IN PAVEMENT



IN LAWN

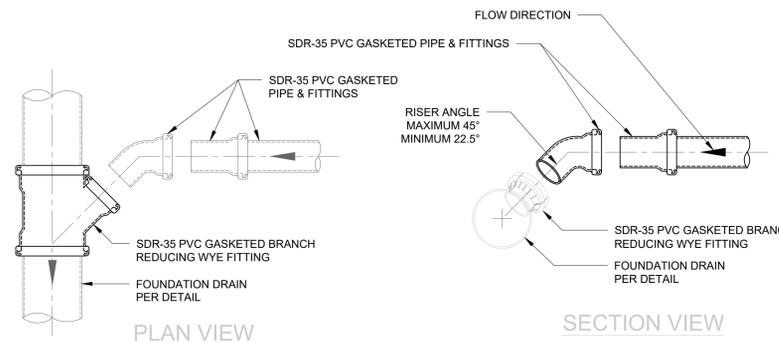
CONCRETE - CURB

Scale: NTS



10\"/>

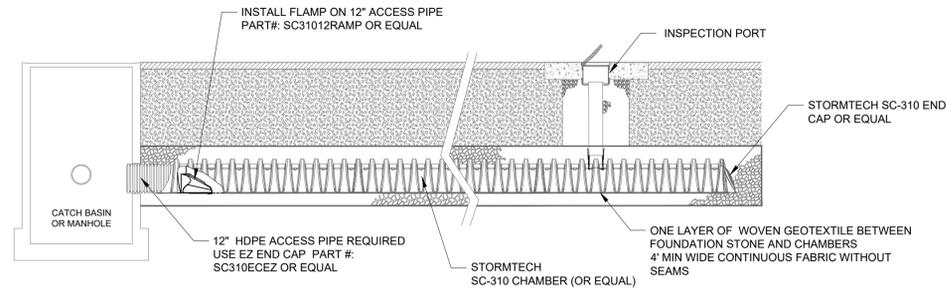
Scale: NTS



STORM LATERAL

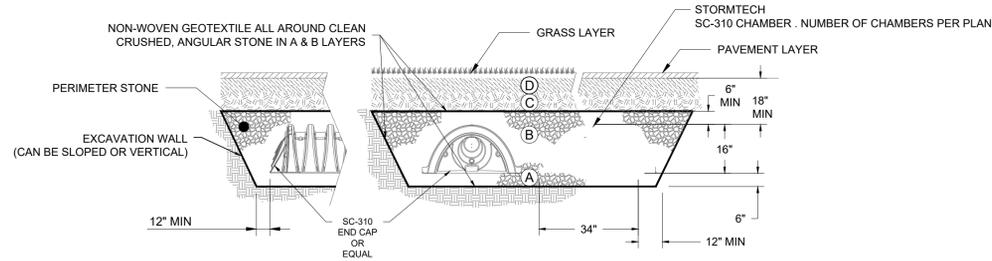
Scale: NTS

WYE CONNECTION



STORMTECH SC-310 (OR EQUAL) ISOLATOR ROW

Scale: NTS



STORMTECH SC-310 (OR EQUAL) SECTION VIEW

Scale: NTS

ACCEPTABLE FILL MATERIALS:

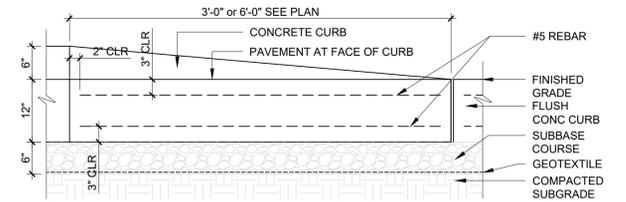
MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

NOTE:

- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
- COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
- WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D'.

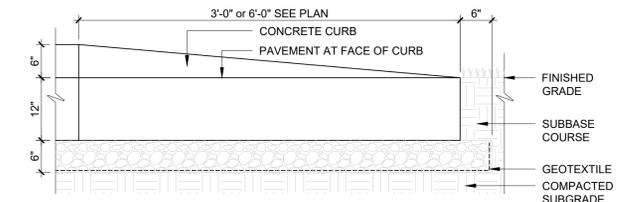
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONE/HOTTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4"-2"
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- THE USE OF CONSTRUCTION EQUIPMENT OVER SC-310 & SC-740 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER TIRE LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED.
- FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD.



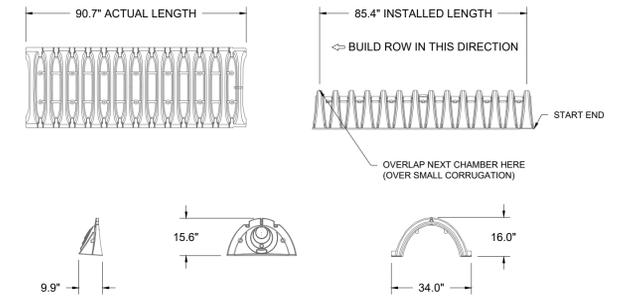
CONCRETE - CURB TRANSITION

Scale: NTS



CONCRETE CURB - END

Scale: NTS



NOMINAL CHAMBER SPECIFICATIONS
 SIZE (W X H X INSTALLED LENGTH)
 CHAMBER STORAGE
 MINIMUM INSTALLED STORAGE*
 WEIGHT

34.0' X 16.0' X 85.4'
 14.7 CUBIC FEET
 31.0 CUBIC FEET
 35.0 lbs.

*ASSUMES 6" ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
 PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
 PRE-CORED END CAPS END WITH "PC"

PART #	STUB	A	B	C
SC310EPE06T / SC310EPE06TPC	6"	9.6"	5.8"	---
SC310EPE06B / SC310EPE06BPC			---	0.5"
SC310ECEZ*	12"	13.5"	---	0.9"

ALL STUBS, EXCEPT FOR THE SC310ECEZ OR EQUAL ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP.

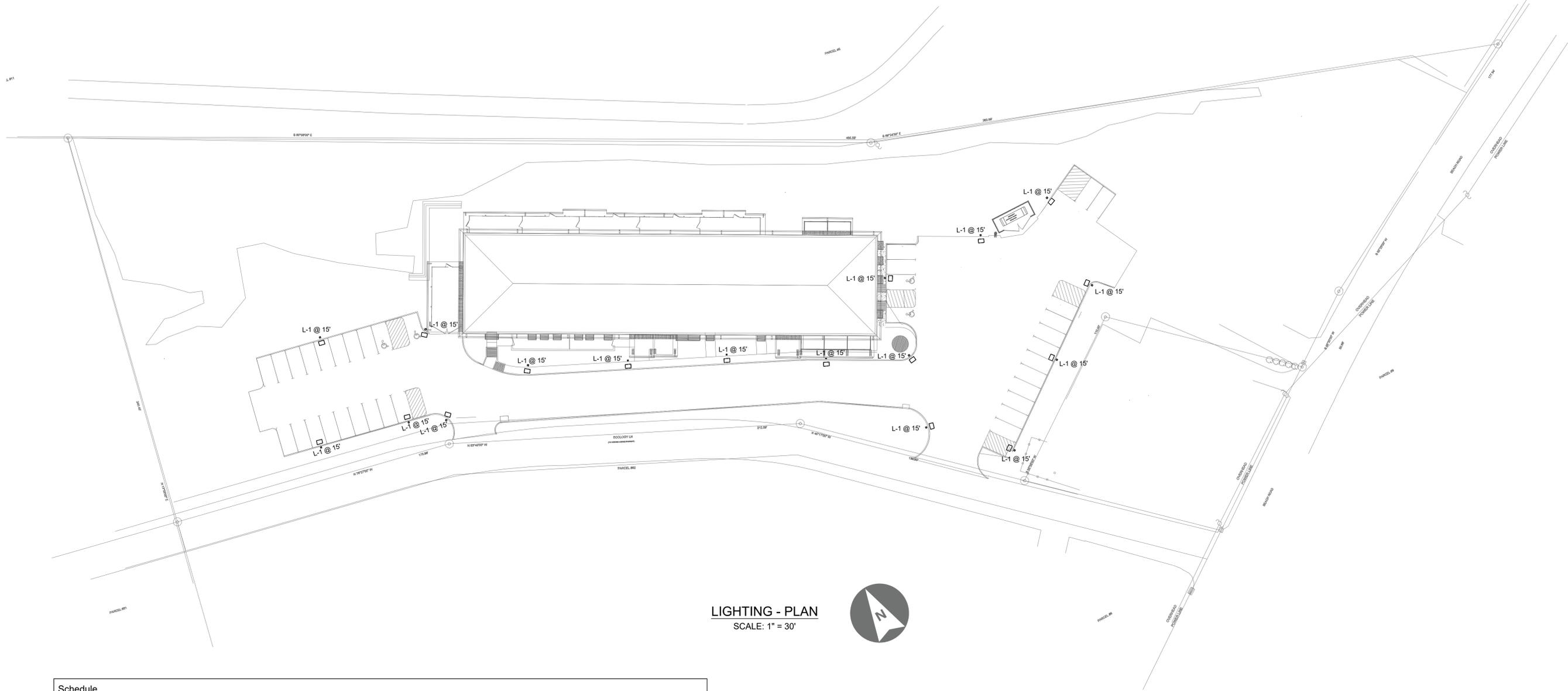
* FOR THE SC310ECEZ OR EQUAL THE 12" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25". BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

TECHNICAL SPECIFICATIONS

Scale: NTS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP	DATE
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET	09/09/2024
2						
3						
4						
5						
6						



LIGHTING - PLAN
SCALE: 1" = 30'



Schedule								
Symbol	Label	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
	L-1	LITHONIA LIGHTING	DSX0 LED P1 40K 70CRI T3LG PIR	D-Series Size 0 Area Luminaire P1 Performance Package 4000K CCT 70 CRI TYPE 3 LOW G RATING. 4" S POLE, DARK BRONZE, HIGH/LOW MOTION AMBIENT SENSOR.	1	4280	0.9	33.21



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PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EXTERIOR LIGHTING - PLAN**

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
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EDR JOB#: **20098**

DATE: **09/09/2024**

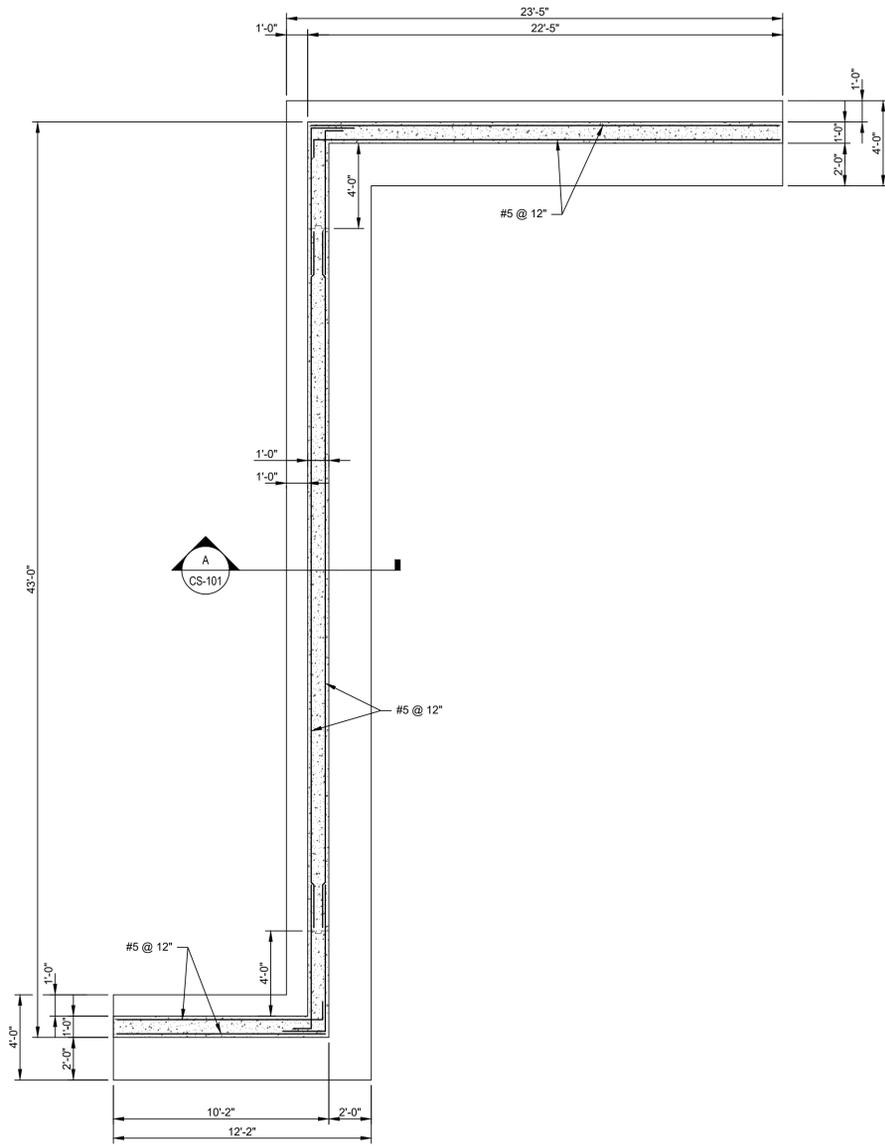
SCALE: **1" = 30'**

DRAWN BY: **JHH**

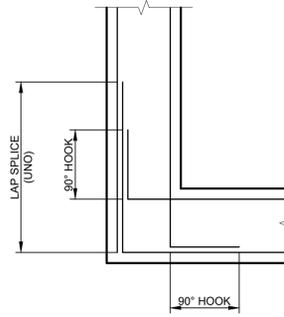
CHECKED BY:

DRAWING NUMBER:

CL-101



PLAN
SCALE: 1/4" = 1'-0"



CORNER WALL REINFORCEMENT DETAIL
NO SCALE

BAR SIZE	MIN LAP SPLICE LENGTH (INCHES)		MIN EMBEDMENT LENGTH (INCHES)	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
3	18	16	14	12
4	24	20	20	15
5	30	24	24	18
6	36	28	28	22
7	45	36	36	27
8	57	45	45	36
9	72	56	56	45
10	90	69	69	54
11	108	84	84	64

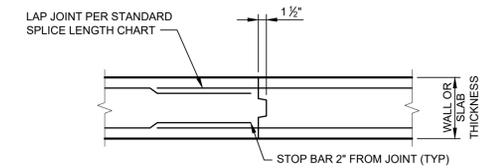
- NOTES:**
- A. $F'_c = 5,000$ PSI (NORMAL WEIGHT CONCRETE), $F_y = 60,000$ PSI.
 - B. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THE REINFORCEMENT.
 - C. LAP SPLICES SHOWN ARE TENSION LAPS, CLASS B.
 - D. MINIMUM CLEAR COVER IS 1.5 INCHES. MINIMUM SPACING IS 4 INCHES.

SPLICE AND EMBEDMENT CHART

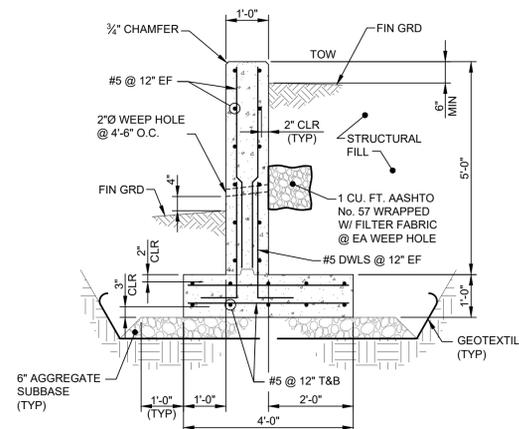
GENERAL CONCRETE CONSTRUCTION NOTES

- A. Reinforced concrete design follows ACI 318-14.
- B. Unless noted otherwise, all concrete shown is structural concrete with a 5000 psi 28-day compressive strength and Type III Portland Cement. Refer to Section 033000 of specifications.
- C. Reinforcement will be new Billet Steel, conforming to ASTM A-615 Grade 60, deformed.
- D. Detail, fabricate and erect reinforcing bars in accordance with "Details and Detailing Concrete Reinforcement," (ACI 315-99).
- E. Unless otherwise shown, all reinforcing steel shall be provided with minimum concrete cover as follows:
 - Slabs on grade:
 - top reinf. (interior) 1 1/2"
 - top reinf. (exterior) 2"
 - bottom reinf. 3"
 - Foundation slab/footing
 - top reinf. 2"
 - bottom reinf. 3"
 - Beams and columns
 - 2"
 - Walls
 - 2"
- F. Lap splices and embedments for reinforcement shall follow the chart shown on this drawing unless otherwise indicated on the drawings.
- G. Any revisions to joint placement, pour sequencing or reinforcing splices must be submitted to the engineer for review and approval prior to submittal of reinforcing steel shop drawings.
- H. Cure concrete at a minimum temperature of 50° F for seven days, following the criteria of ACI 308-R01.
- I. Concrete surfaces shall be finished per Section 033000 of the specifications.
- J. Chamfer exposed concrete edges 3/4" x 3/4" unless otherwise noted.
- K. Equipment pad dimensions, housekeeping pad dimensions and openings for hatches, ducts and pipes must be coordinated with approved equipment shop drawings, and with the requirements shown on other drawings, this project set.
- L. Minimum foundation allowable bearing pressure required = 2,000 psf.

CONCRETE CONSTRUCTION NOTES



KEYED CONSTRUCTION JOINT DETAIL
NO SCALE



TYPICAL SECTION
Scale: 1/2" = 1'-0"

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PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER
PROJECT LOCATION: **HAVERSTRAW, NEW YORK**
CLIENT: **ROCKLAND GREEN**
DRAWING TITLE: **CAST-IN-PLACE CONCRETE RETAINING WALL**
GENERAL NOTES, DETAILS, PLAN AND SECTION

DRAWINGS ISSUED FOR / REVISIONS				EDR JOB#: 20098		
NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP	DATE
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET	09/09/2024
2						SCALE: AS NOTED
3						DRAWN BY: KAD
4						CHECKED BY: MSD
5						DRAWING NUMBER:
6						CS-101