

SEAWALL CAP REHABILITATION PROGRAM

VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK

PROJECT: CLIFT PARK SEAWALL REHABILITATION PROGRAM
 CLIENT: VILLAGE OF SKANEATELES
 LOCATION: VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK

GENERAL NOTES

- THE PROJECT IS LOCATED AT CLIFT PARK IN THE VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK.
- THE TERM "PLANS" REFERS TO THE SET OF SHEETS INDICATED ON THE "INDEX TO SHEETS" CONTAINING PLANS, DRAWINGS, NOTES, DETAILS, SPECIFICATIONS, SECTIONS, ETC. IN ADDITION, "PLANS" SHALL ALSO REFER TO DOCUMENTS, DRAWINGS, PERMITS, ETC. INCORPORATED BY REFERENCE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND IN CONFORMANCE WITH THE REGULATIONS, CODES, STANDARDS, REQUIREMENTS AND RECOMMENDED PRACTICES OF THE FOLLOWING GOVERNMENTAL AGENCIES, AS APPLICABLE:
 - VILLAGE OF SKANEATELES
 - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 - THE UNITED STATES ARMY CORPS OF ENGINEERS
 - THE CITY OF SYRACUSE WATER DEPARTMENT
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THE PLANS ARE CURRENT, ISSUED FOR CONSTRUCTION AND THAT ALL SUBCONTRACTORS ARE REFERENCING THE SAME DOCUMENTS. THE CONTRACTOR SHALL OBTAIN AND REVIEW ALL PLANS, PERMITS AND DOCUMENTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY BETWEEN THE PLANS AND APPLICABLE REGULATIONS, CODES, STANDARDS, REQUIREMENTS AND RECOMMENDED PRACTICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL INSPECTIONS AND OBTAINING ALL CERTIFICATIONS, AS REQUIRED.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING SITE CONDITIONS AND NOTIFY THE PROJECT ENGINEER IF THE CONDITIONS ARE DIFFERENT FROM THOSE SHOWN ON THE PLANS OR IF ANY EXISTING SITE FEATURES WILL ALTER THE PLANS.
- PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH ALL INVOLVED PARTIES.
- PRIOR TO INITIATING CONSTRUCTION, THE CONTRACTOR SHALL GIVE TIMELY NOTIFICATION TO ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA AND CONTACT THE LOCAL UNDERGROUND FACILITY PROTECTIVE ORGANIZATION (UDFOP NY) AT 811.
- EACH CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHILE WORKING TO SAFEGUARD EXISTING STRUCTURES, UTILITIES, TREES AND SURVEY MARKERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING STRUCTURES, PAVEMENT, ETC. CAUSED BY THEIR WORK BEING PERFORMED. REPAIRS SHALL BE OF EQUAL OR BETTER QUALITY THAN EXISTING CONDITIONS. NOTIFICATION OF SUCH DAMAGE SHALL BE REPORTED TO THE CLIENT AND THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL PROVIDE HAZARD BARRIERS PLACED CONSPICUOUSLY AROUND ALL PHASES OF CONSTRUCTION TO SAFEGUARD PUBLIC AND TRAFFIC AGAINST DANGEROUS CONDITIONS. ALL TRAFFIC CONTROLS SHALL BE PROVIDED AND MAINTAINED IN CONFORMANCE WITH THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT, AS APPLICABLE.
- THE CONTRACTOR MUST LOCATE ALL PROPERTY, EASEMENT AND RIGHT-OF-WAY BOUNDARIES PRIOR TO COMMENCING THE WORK. THE CONTRACTOR SHALL NOT TRESPASS OR INITIATE WORK WITHIN EASEMENTS AND RIGHT-OF-WAYS OR ON OTHER PROPERTIES WITHOUT OBTAINING PERMISSION FROM AND MEETING THE REQUIREMENTS OF THE PROPERTY OWNER OR CONTROLLING AGENCY.
- IN NO WAY SHALL THE ACTIVITIES OR THE PRESENCE OF THE PROJECT ENGINEER OR ITS EMPLOYEES AND SUBCONSULTANTS AT THE PROJECT SITE RELIEVE THE CONTRACTOR OF THE OBLIGATION, DUTY OR RESPONSIBILITY INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THESE PLANS, RELATED CONTRACT DOCUMENTS, PERMITS OR ANY REGULATORY REQUIREMENTS. THE PROJECT ENGINEER AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES.
- CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE CLIENT'S STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL OBTAIN SUCH SPECIFICATIONS DIRECTLY FROM THE CLIENT.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETING THE WORK PRIOR TO INITIATING CONSTRUCTION AND NOTIFYING THE CLIENT AND PROJECT ENGINEER WHEN A CONFLICT IS IDENTIFIED.
- IF THE CONTRACTOR DEVIATES FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN AUTHORIZATION FROM THE CLIENT AND PROJECT ENGINEER FOR SUCH DEVIATIONS, THEN THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE INCLUDING ALL FINES OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM.
- ALL CONTRACTORS MUST CARRY STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST FURNISH THE OWNER WITH CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO INITIATING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE THE CLIENT WITH AN ACCURATE RECORD DRAWING OF ALL EQUIPMENT, STRUCTURES AND UTILITIES INSTALLED OR ENCOUNTERED DURING THE PROJECT.



SITE LOCATION MAP

INDEX TO SHEETS	
DRAWING TITLE	SHEET NUMBER
PROPOSED SEAWALL CAP REPLACEMENT	
- PLAN	SP-1
- SECTION & DETAILS	SP-2
- DETAILS	SP-3
EROSION & SEDIMENT CONTROL PLAN & DETAIL	SP-4

CLIENT:

VILLAGE OF SKANEATELES
 26 FENNELL ST.
 SKANEATELES, NY, 13152

CONTACT(S):
 MAYOR MARY SENNETT
 TELEPHONE: 315-685-3440

THOMAS J. POSELLA, P.E.
 DIRECTOR OF MUNICIPAL OPERATIONS
 EMAIL: DMO@VILLAGEOF SKANEATELES.COM

PROJECT ENGINEER:

TDK ENGINEERING ASSOCIATES, P.C.
 19 GENESEE STREET
 CAMILLUS, NY 13031

CONTACT: JOE DURAND, P.E.
 TELEPHONE: (315) 672-8726

CLIFT PARK

PROJECT No. (2018028-014)
 OCTOBER 2022

REVISIONS:

NOTE: NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

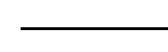






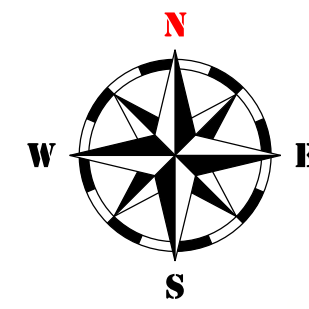
TDK Engineering Associates, PC

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 www.tdkengineering.com

Civil • Marine • Site Development • Geotechnical • Structural • Environmental • Industrial • Lighting

KEY

-  PROPERTY LINE
-  BENCH
-  LIGHT POLE
-  DESIGNATES SECTION
-  DESIGNATES PAGE



PROPOSED SITE ENTRY/ACCESS LOCATION. PROTECT PAVEMENT, CURB, BRICK PAVERS AND CONCRETE SIDEWALK AGAINST EQUIPMENT DAMAGE.

PROVIDE CONCRETE LIGHT POLE BASE AND REPLACE POLE/FIXTURE (TYP. - SEE DETAILS)

CLIFT PARK

EXISTING DAMAGE IN POOL AREA TO BE FIELD ASSESSED BY VILLAGE REPRESENTATIVE(S)

SHOTWELL MEMORIAL PARK

MATERIALS AND EQUIPMENT STAGING AREA

PROVIDE CONCRETE LIGHT POLE BASE WITH STONE CAP TO MATCH SHOTWELL PARK WALL CAP. REPLACE FIXTURE PER VILLAGE LIGHTING UPGRADE PROGRAM (TYP.).

LAWN RESTORATION LIMITS

TRANSITION ZONE OF NEW SIDEWALK TO STONE FACED SIDEWALK AT SHOTWELL MEMORIAL PARK TO BE FIELD DETERMINED WITH CONTRACTOR (POSSIBLE CONCRETE RAMP/TAPERING TO MATCH EXISTING ELEVATIONS)

STONE SEAWALL CAP REPAIR PROGRAM

- REMOVE (HAMMER/CHISEL) OLD MORTAR AND CLEAN JOINTS ALONG UPPER LAYER OF STONE WALL.
- REPLACE/REJOINT WITH TYPE S MORTAR. NOTE THAT THE MORTAR SHALL BE FIELD-TINTED TO CLOSELY MATCH THE EXISTING COLORATION OF THE WALL JOINTS.
- REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LIMITS OF PROPOSED STONE SEAWALL CAP REPAIR PROGRAM (192 LF± x 3.5' WIDE)

PERFORM EXPLORATORY EXCAVATION TO VERIFY DISCHARGE PIPE LOCATIONS/FUNCTIONS. REMOVE/CAP OR LEAVE IN-PLACE AS DIRECTED BY VILLAGE REPRESENTATIVE.

BEGIN REPAIR TO WALL DAMAGE FROM PROPERTY LINE. PROTECT TREE ROOT SYSTEM AS TREE(S) ARE TO REMAIN IN PLACE.

CONCRETE SEAWALL CAP REPLACEMENT PROGRAM

- DEMOLISH AND REMOVE EXISTING CONCRETE CAP.
- EXCAVATE/INSTALL 437± LF DRAINAGE TRENCH/ELECTRIC CONDUITS.
- INSTALL NEW 6 FOOT WIDE BY 8 INCH THICK STEEL REINFORCED CONCRETE SEAWALL CAP WITH BROOM, OR VILLAGE-APPROVED FINISH. PROVIDE DOWELED CONNECTIONS INTO EXISTING STONE SEAWALL.
- REFER TO TYPICAL SEAWALL CAP SECTION AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LIMITS OF PROPOSED CONCRETE SEAWALL CAP REPLACEMENT PROGRAM (437 LF± x 4 LF± TOTAL)

PROVIDE CLEAN SAW-CUT EDGE TO TRANSITION BETWEEN EXISTING CONCRETE SIDEWALK AT SWIMMING ACCESS AREA AND NEW SEAWALL SIDEWALK CAPS. PROVIDE SMOOTH No. 4 DOWELS AT 18" C-C ALONG CONNECTION. REFER TO CONSTRUCTION JOINT DETAIL

CAUTION: BURIED MUNICIPAL (CITY OF SYRACUSE) WATER LINE INTAKE IN AREA.

"BUMP-OUT NEW SEAWALL CAP AT EACH LIGHT POLE AND BENCH LOCATION (REFER TO DETAILS ON SHEET SP-2 FOR ADDITIONAL INFORMATION)

CONTRACTOR TO PROVIDE TEMPORARY ACCESS RAMP/PLATFORM AT EACH DOCK CONNECTION WITH THE SEAWALL

BRICK PAVERS TO BE REMOVED, SALVAGED AND REINSTALLED ALONG CAP LIMITS

COMMUNITY DOCKS

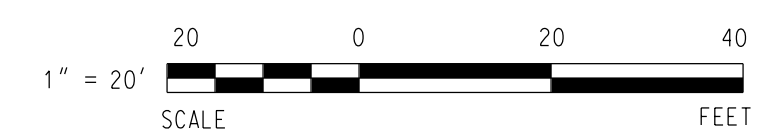
TOUR BOAT DOCK

RE-ESTABLISH WALL AND CORNER RETURN AT RAMP

SKANEATELES LAKE

WATER SURFACE ELEV. = 863.88 ON JULY 5, 2022 AS RECORDED BY THE CITY OF SYRACUSE WATER DEPARTMENT'S GAUGING STATION.

PROPOSED SEAWALL CAP REPLACEMENT/REPAIR PLAN



BASE MAP REFERENCES:
 1. DIGITAL AERIAL PHOTO TAKEN BY DRONE ON JULY 9, 2022.
 2. FIELD MAPPING BY TDK ENGINEERING: JULY 2022.

REVISIONS:

NO.	DATE	DESCRIPTION

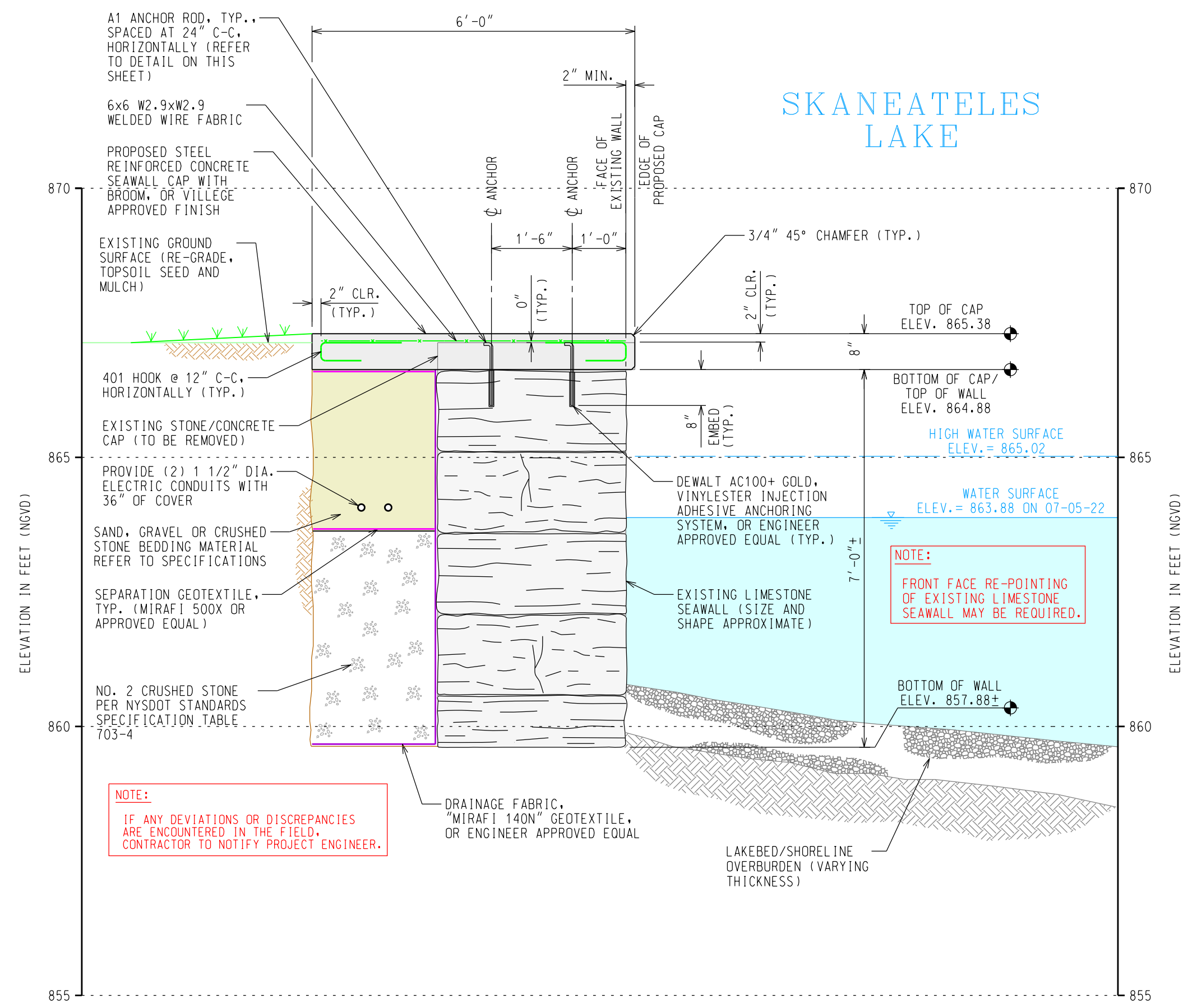
NOTE: NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

PROJECT: SEAWALL CAP REPLACEMENT/REPAIR PROGRAM
 CLIENT: VILLAGE OF SKANEATELES
 LOCATION: VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE:
PROPOSED SEAWALL CAP REPLACEMENT PLAN

PROJECT No.: 2018028
 SCALE: AS NOTED
 DATE: 10-05-22
 ENG'D BY: JCH
 DRAWN BY: NAR
 CHECKED BY: JED

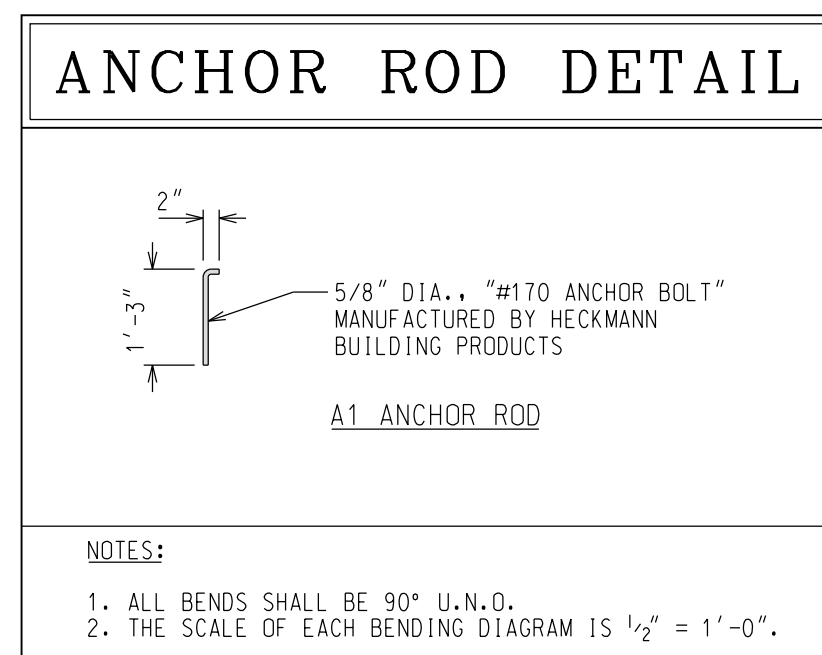
SHEET NO.
SP-1



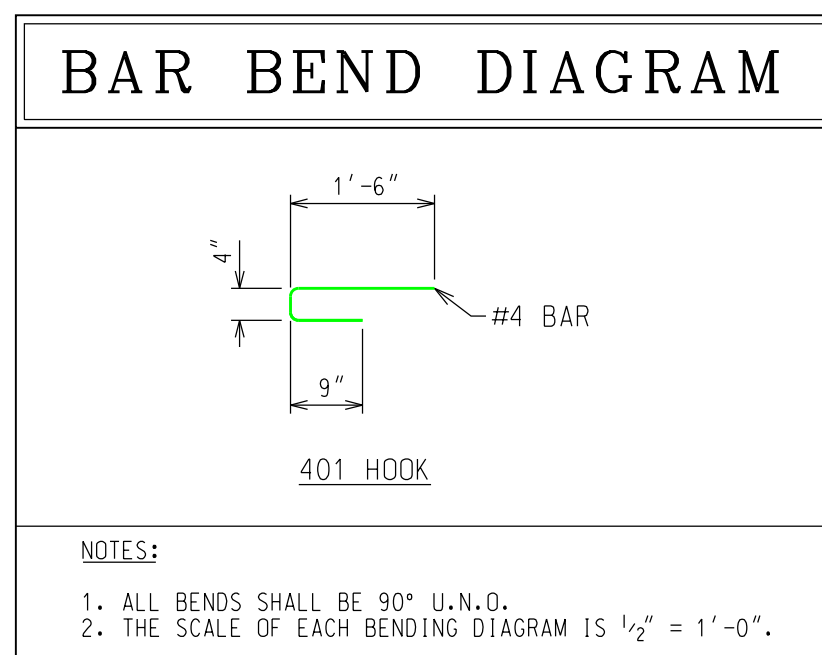
1 TYPICAL SEAWALL CAP SECTION

SCALE: 1/2" = 1'-0"

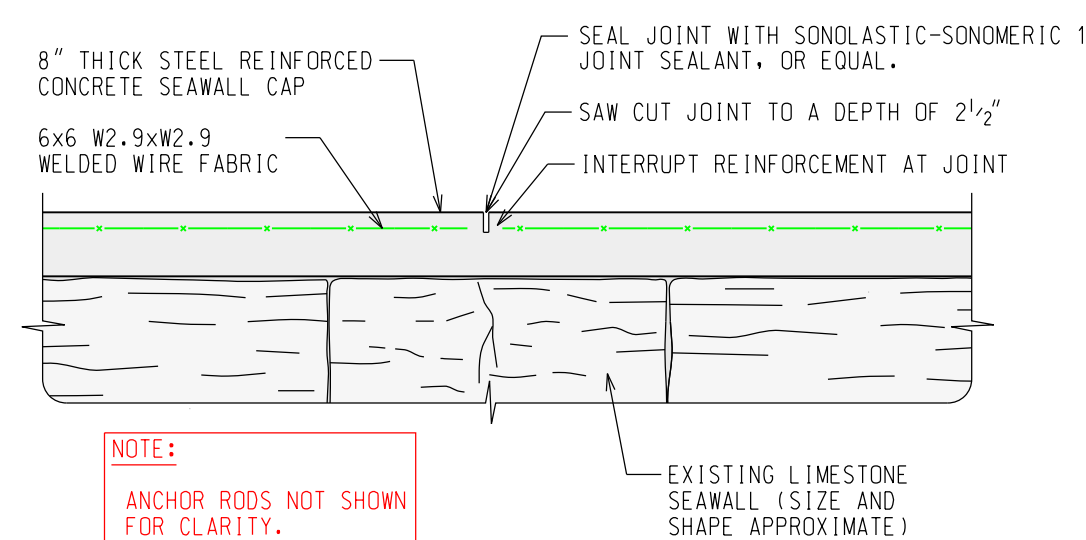
NOTE: EXISTING LIGHT POLES NOT SHOWN.



NOTES:
1. ALL BENDS SHALL BE 90° U.N.O.
2. THE SCALE OF EACH BENDING DIAGRAM IS 1/2" = 1'-0".



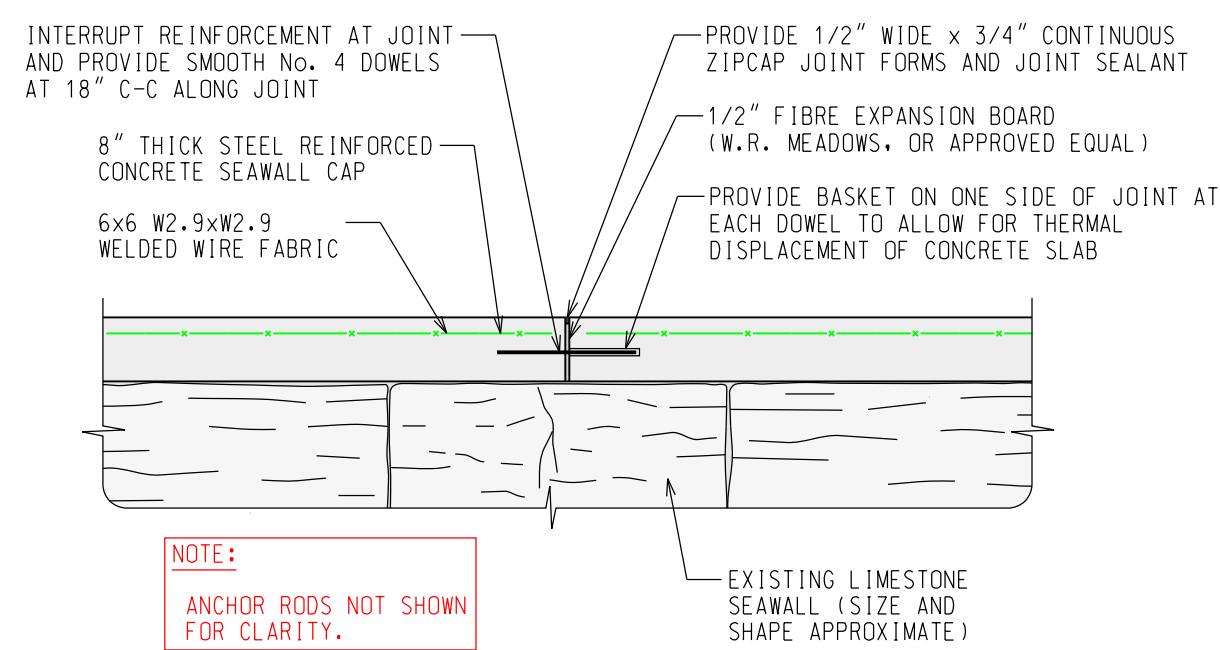
NOTES:
1. ALL BENDS SHALL BE 90° U.N.O.
2. THE SCALE OF EACH BENDING DIAGRAM IS 1/2" = 1'-0".



CONTROL JOINT DETAIL

SCALE: 1/2" = 1'-0"

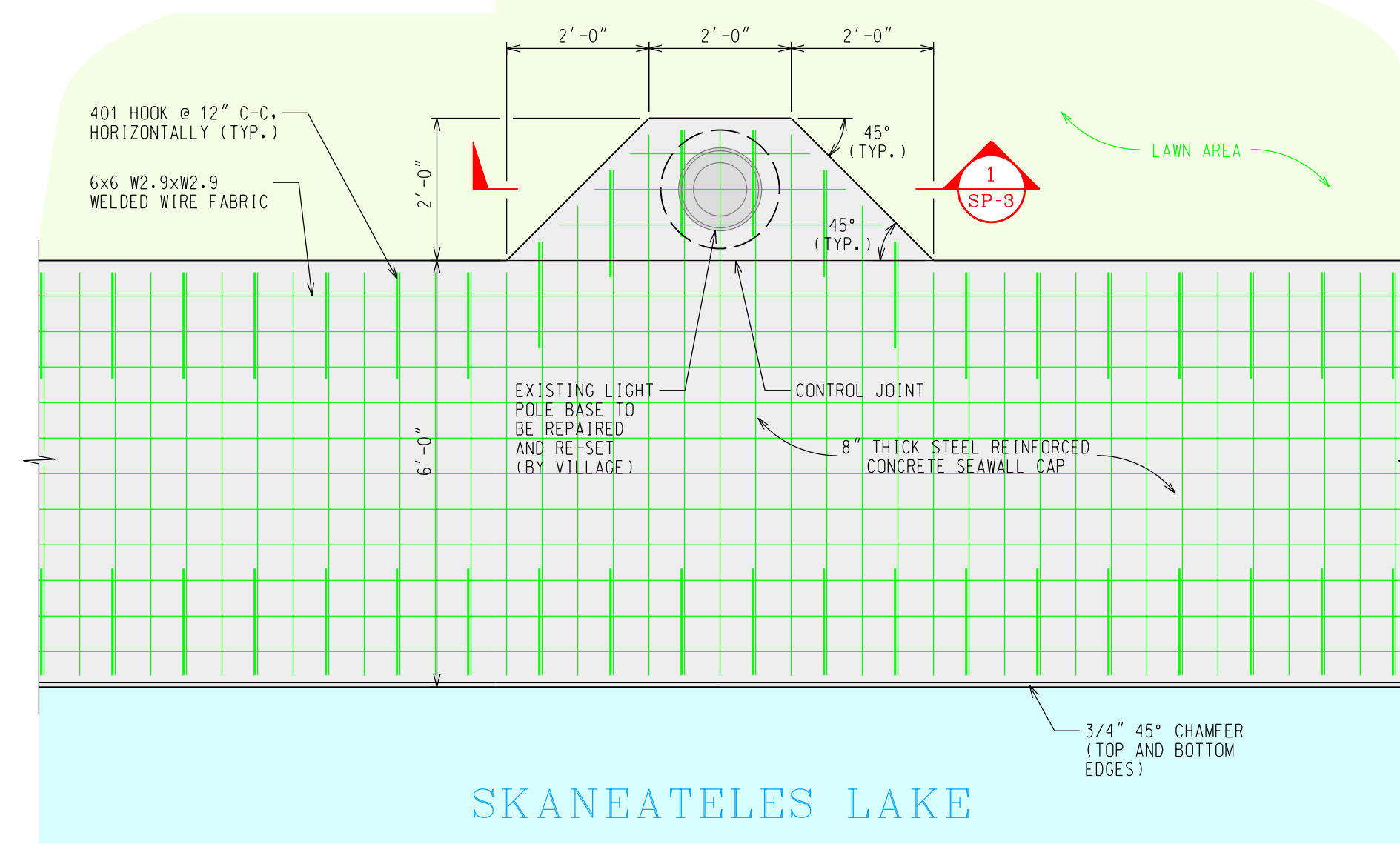
- NOTES:
1. SAW CUT CONTROL JOINTS IN SLAB-ON-GRADE TO A DEPTH OF 2 1/2" WITHIN 6 HOURS AFTER PLACING THE CONCRETE, OR AS SOON AS EQUIPMENT CAN BE SUPPORTED, BEFORE UNCONTROLLED CRACKING OCCURS.
 2. ONE CONTROL JOINT SHALL BE PLACED AT THE CENTER OF THE ISLAND PARALLEL TO THE SIDEWALK.
 3. SAW CUT JOINTS ARE TO BE CLEANED OF DEBRIS AND RESIDUE AFTER EACH SAWING AND PRIOR TO APPLYING ANY CONCRETE SEALANTS.



TYPICAL SEAWALL CAP CONSTRUCTION JOINT DETAIL

SCALE: 1/2" = 1'-0"

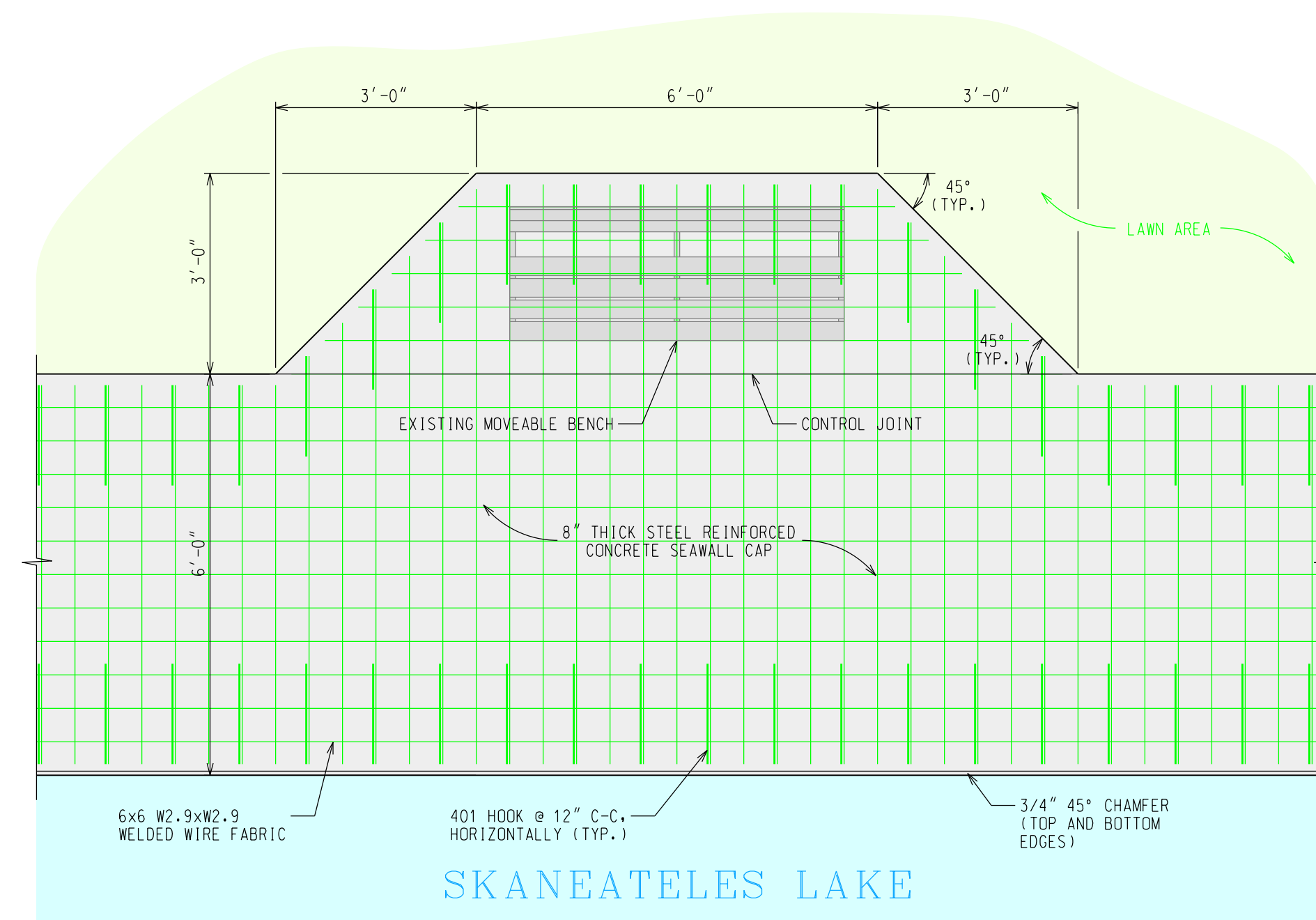
- NOTE:
1. CONSTRUCTION JOINTS SHALL BE SPACED AT 15' CENTERS (MAXIMUM).



PLAN VIEW SEAWALL CAP AT LIGHTPOLE DETAIL

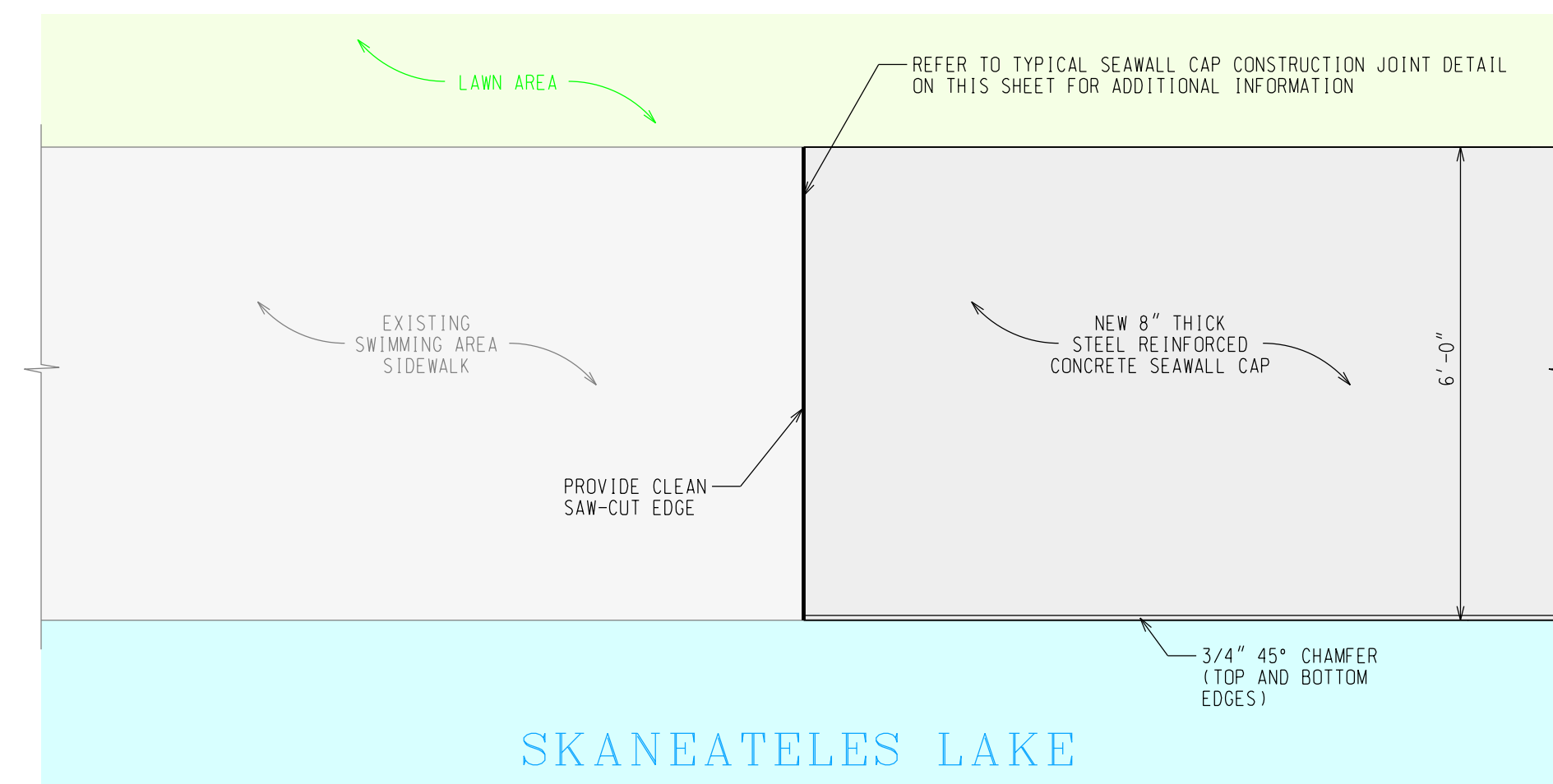
SCALE: 1/2" = 1'-0"

NOTE:
ANCHOR RODS NOT SHOWN FOR CLARITY.



PLAN VIEW SEAWALL CAP AT BENCH DETAIL

SCALE: 1/2" = 1'-0"



EXISTING-TO-NEW SIDEWALK TRANSITION DETAIL

SCALE: 1/2" = 1'-0"

REVISIONS:

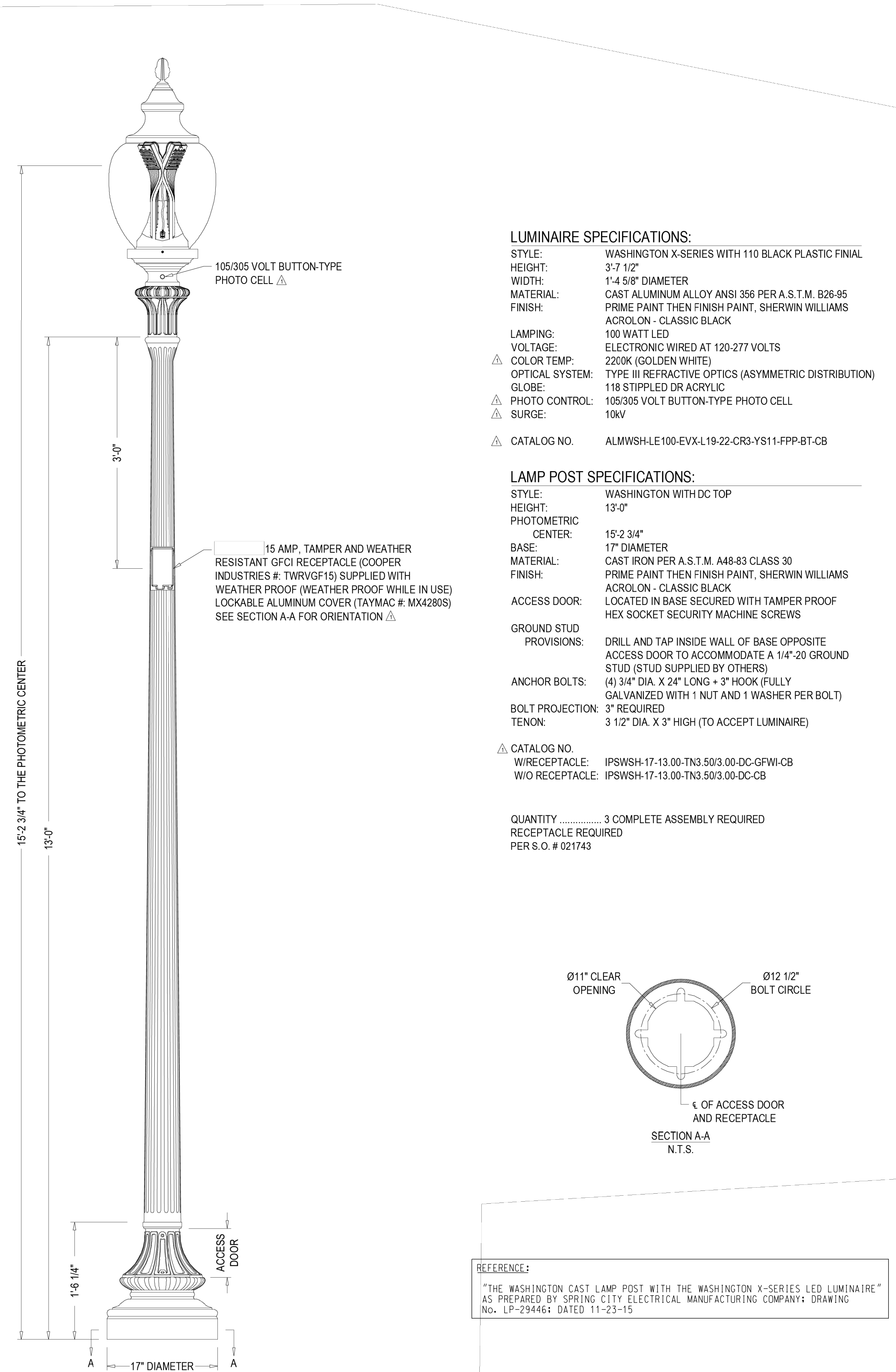
NO.	DATE	DESCRIPTION

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SEAWALL CAP REPLACEMENT/REPAIR PROGRAM
VILLAGE OF SKANEATELES
VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE:
PROPOSED SEAWALL CAP REPLACEMENT SECTION AND DETAILS

PROJECT No.: 2018028
SCALE: AS NOTED
DATE: 10-05-22
ENG'D BY: JCH
DRAWN BY: NAR/DKC
CHECKED BY: JED



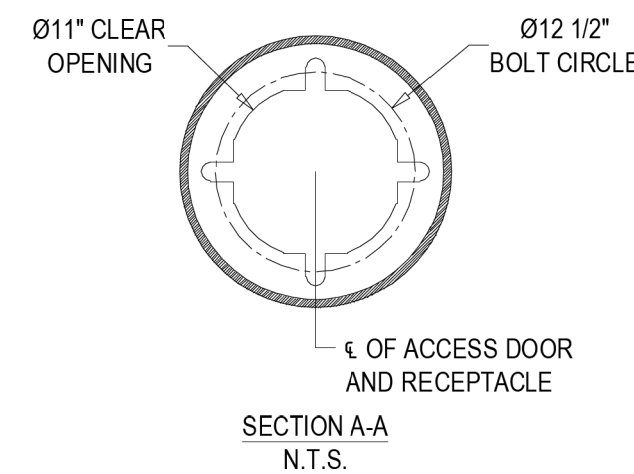
LIGHT POLE DETAIL
NOT TO SCALE

LUMINAIRE SPECIFICATIONS:
 STYLE: WASHINGTON X-SERIES WITH 110 BLACK PLASTIC FINIAL
 HEIGHT: 3'-7 1/2"
 WIDTH: 1'-4 5/8" DIAMETER
 MATERIAL: CAST ALUMINUM ALLOY ANSI 356 PER A.S.T.M. B26-95
 FINISH: PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS ACROLON- CLASSIC BLACK
 LAMPING: 100 WATT LED
 VOLTAGE: ELECTRONIC WIRED AT 120-277 VOLTS
 COLOR TEMP: 2200K (GOLDEN WHITE)
 OPTICAL SYSTEM: TYPE III REFRACTIVE OPTICS (ASYMMETRIC DISTRIBUTION)
 GLOBE: 118 STIPPLED DR ACRYLIC
 PHOTO CONTROL: 105/305 VOLT BUTTON-TYPE PHOTO CELL
 SURGE: 10kV
 CATALOG NO. ALMWSH-LE100-EVX-L19-22-CR3-YS11-FPP-BT-CB

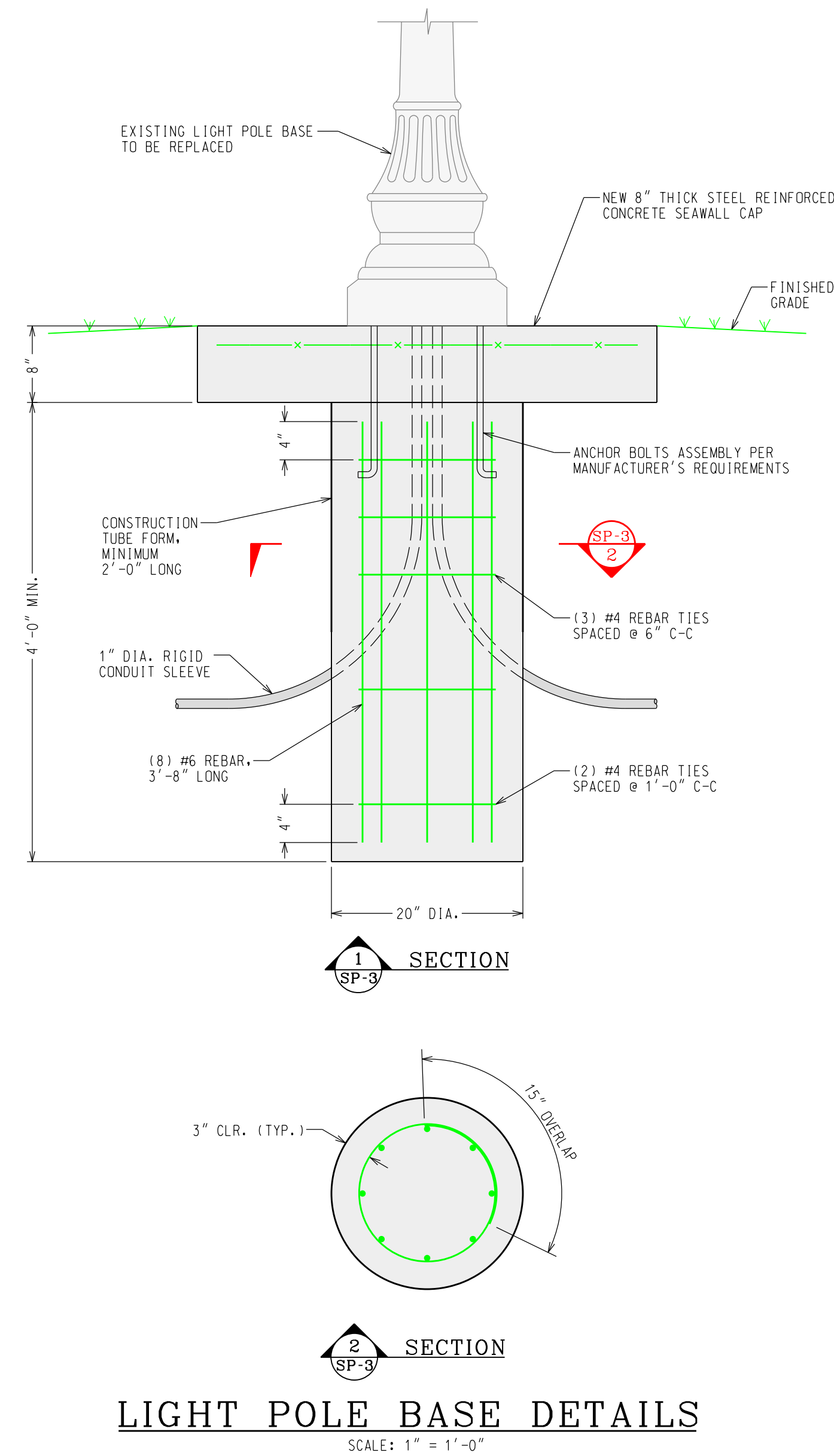
LAMP POST SPECIFICATIONS:
 STYLE: WASHINGTON WITH DC TOP
 HEIGHT: 13'-0"
 PHOTOMETRIC CENTER: 15'-2 3/4"
 BASE: 17" DIAMETER
 MATERIAL: CAST IRON PER A.S.T.M. A48-83 CLASS 30
 FINISH: PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS ACROLON- CLASSIC BLACK
 ACCESS DOOR: LOCATED IN BASE SECURED WITH TAMPER PROOF HEX SOCKET SECURITY MACHINE SCREWS
 GROUND STUD PROVISIONS: DRILL AND TAP INSIDE WALL OF BASE OPPOSITE ACCESS DOOR TO ACCOMMODATE A 1/4"-20 GROUND STUD (STUD SUPPLIED BY OTHERS)
 ANCHOR BOLTS: (4) 3/4" DIA. X 24" LONG + 3" HOOK (FULLY GALVANIZED WITH 1 NUT AND 1 WASHER PER BOLT)
 BOLT PROJECTION: 3" REQUIRED
 TENON: 3 1/2" DIA. X 3" HIGH (TO ACCEPT LUMINAIRE)

CATALOG NO. IPWSWH-17-13.00-TN3.50/3.00-DC-GFWI-CB
 W/O RECEPTACLE: IPWSWH-17-13.00-TN3.50/3.00-DC-CB

QUANTITY 3 COMPLETE ASSEMBLY REQUIRED
 RECEPTACLE REQUIRED
 PER S.O. # 021743



REFERENCE:
 THE WASHINGTON CAST LAMP POST WITH THE WASHINGTON X-SERIES LED LUMINAIRE
 AS PREPARED BY SPRING CITY ELECTRICAL MANUFACTURING COMPANY; DRAWING
 No. LP-29446; DATED 11-23-15



LIGHT POLE BASE DETAILS
SCALE: 1" = 1'-0"

REVISIONS:

NO.	DATE	DESCRIPTION

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 CLIENT: VILLAGE OF SKANEATELES
 LOCATION: VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE:
PROPOSED SEAWALL CAP REPLACEMENT

DETAILS

PROJECT No.: 2018028
 SCALE: AS NOTED
 DATE: 10-05-22
 ENG'D BY: JCH
 DRAWN BY: NAR/DKC
 CHECKED BY: JED

SHEET NO.
SP-3

REVISIONS:

NO.	DATE	DESCRIPTION

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 CLIENT: VILLAGE OF SKANEATELES
 LOCATION: VILLAGE OF SKANEATELES, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE:
EROSION & SEDIMENT CONTROL PLAN & DETAIL

PROJECT No.: 2018028
 SCALE: AS NOTED
 DATE: 10-05-22
 ENG'D BY: JCH
 DRAWN BY: NAR
 CHECKED BY: JED

SHEET NO.
SP-4

