

# COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION DIVISION OF PLANNING

## CHARLESGATE PARK WALL REMOVAL IN THE CITY OF BOSTON MASSACHUSETTS SUFFOLK COUNTY

DCR CONTRACT NO. P21-3434-C1A

# NOTICE OF INTENT

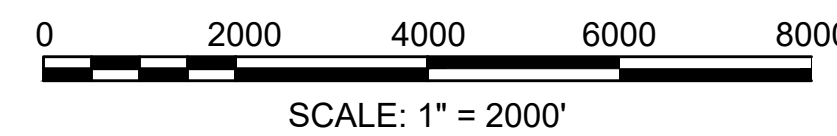
CHARLES D. BAKER, GOVERNOR

KARYN E. POLITO, LT. GOVERNOR

KATHLEEN A. THEOHARIDES, SECRETARY,  
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS

JIM MONTGOMERY, ACTING AND INTERIM COMMISSIONER  
DEPARTMENT OF CONSERVATION & RECREATION

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02	LEGEND
03	KEY PLAN
04	NORTH WALL LIMITS OF WORK
05	SOUTH WALL LIMITS OF WORK
06	NORTH WALL PROPOSED PLAN
07	SOUTH WALL PROPOSED PLAN
08	EROSION CONTROL DETAILS 1 OF 2
09	EROSION CONTROL DETAILS 2 OF 2
10	NORTH WALL DEMOLITION LIMITS
11	SOUTH WALL DEMOLITION LIMITS
12	DEMOLITION DETAILS 1 OF 2
13	DEMOLITION DETAILS 2 OF 2
14	NORTH WALL WATER MANAGEMENT
15	SOUTH WALL WATER MANAGEMENT
16	STRUCTURAL DETAILS



REV.	DATE	DESCRIPTION	BY

COMMONWEALTH OF MASSACHUSETTS  
SHANTA B. KELLER  
STRUCTURAL  
No. 51361  
REGISTERED  
PROFESSIONAL ENGINEER  
1/3/22



Transportation Land Development  
Environmental Services  
101 Walnut St., P.O. Box 9151  
Watertown, MA 02472  
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COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF PLANNING AND ENGINEERING

CHARLESGATE PARK WALL REMOVAL

CHARLESGATE PARK  
BOSTON, MA

DESIGNER: BDF	TITLE SHEET	SHEET NO.
CHECKED: SBK		S-01
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS NOTED
CHECKED: SBK	ACC.	DATE: 1/3/2022
		01 OF 16

**GENERAL SYMBOLS**

EXISTING	PROPOSED	DESCRIPTION
		JERSEY BARRIER
		CATCH BASIN
		CATCH BASIN CURB INLET
		FLAG POLE
		GAS PUMP
		MAIL BOX
		POST SQUARE
		POST CIRCULAR
		WELL
		ELECTRIC HANDHOLE
		FENCE GATE POST
		GAS GATE
		BORING HOLE
		MONITORING WELL
		TEST PIT
		HYDRANT
		LIGHT POLE
		CONCRETE BOUND/DRILL HOLE
		GPS POINT
		CABLE MANHOLE
		DRAINAGE MANHOLE
		ELECTRIC MANHOLE
		GAS MANHOLE
		MISC MANHOLE
		SEWER MANHOLE
		TELEPHONE MANHOLE
		WATER MANHOLE
		MASSACHUSETTS HIGHWAY BOUND
		MONUMENT
		STONE BOUND
		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
		TROLLEY POLE OR GUY POLE
		TRANSMISSION POLE
		UTILITY POLE W/ FIREBOX
		UTILITY POLE WITH DOUBLE LIGHT
		UTILITY POLE W / 1 LIGHT
		UTILITY POLE
		BUSH
		TREE
		STUMP
		SWAMP / MARSH
		WETLAND FLAG
		PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
		CONTOURS (ON-THE-GROUND SURVEY DATA)
		CONTOURS (PHOTOGAMMETRIC DATA)
		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
		BALANCED STONE WALL
		GUARD RAIL - STEEL POSTS
		WOOD GUARD RAIL
		CHAIN LINK OR METAL FENCE
		WOOD FENCE
		TREE LINE
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		100 FT BANK BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT/STATE OWNED LAND
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT
		SEDIMENT CONTROL BARRIER
		TRAVERSE OR TRIANGULATION STATION
		CHECK DAM
		SITE BENCH W/ CONCRETE PAD
		SITE BENCH W/ CONCRETE PAD AND COMPANION SPACE

**ABBREVIATIONS**

GENERAL	DESCRIPTION
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIW	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LST	LANDSCAPE TIMBER
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT

**ABBREVIATIONS (cont.)**

GENERAL	DESCRIPTION
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TMA	TELEPHONE MAST ARM
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WCR	WHEEL CHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

TRAFFIC SIGNAL	DESCRIPTION
DW	STEADY DON'T WALK
FDW	FLASHING DON'T WALK
FR	FLASHING CIRCULAR RED
FY	FLASHING CIRCULAR YELLOW
G	STEADY CIRCULAR GREEN
G-←	STEADY GREEN LEFT ARROW
G-→	STEADY GREEN RIGHT ARROW
OL	OVERLAP
PED	PEDESTRIAN
R	STEADY CIRCULAR RED
W	STEADY WALK
Y	STEADY CIRCULAR YELLOW

**PAVEMENT MARKINGS SYMBOLS**

EXISTING	PROPOSED	DESCRIPTION
		STOP LINE
		CROSSWALK
		SOLID WHITE LINE
		SOLID YELLOW LINE
		BROKEN WHITE LINE
		BROKEN YELLOW LINE
		DOUBLE YELLOW LINE

**GENERAL NOTES:**

- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND GRADES IN THE FIELD BEFORE COMMENCING WORK AND PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- TREES AND SHRUBS WITHIN THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON APPROVAL OF THE ENGINEER UNLESS NOTED ON THE CONSTRUCTION DOCUMENTS.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
- THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
- ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED.
- DISPOSAL OF ALL SURPLUS MATERIAL SHALL BE AS APPROVED BY THE ENGINEER AND OWNER.

**TRAFFIC SYMBOLS**

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER PHASE
		QUADRUPOLE WIRE LOOP DETECTOR
		BICYCLE WIRE LOOP DETECTOR, TYPE B-2
		PEDESTRIAN PUSH BUTTON, SIGN AND SADDLE
		EMERGENCY PREEMPTION CONFIRMATION STROBE
		VEHICULAR SIGNAL HEAD, WITH BACKPLATE
		PEDESTRIAN SIGNAL HEAD
		SIGNAL POST AND BASE
		MAST ARM, SHAFT AND BASE
		SIGN AND POST
		SIGN AND POST (2 POSTS)
		OVERHEAD SIGN
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE - SD2.022 (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

REV.	DATE	DESCRIPTION	BY

Transportation Land Development  
Environmental Services  
101 Walnut St., P.O. Box 9151  
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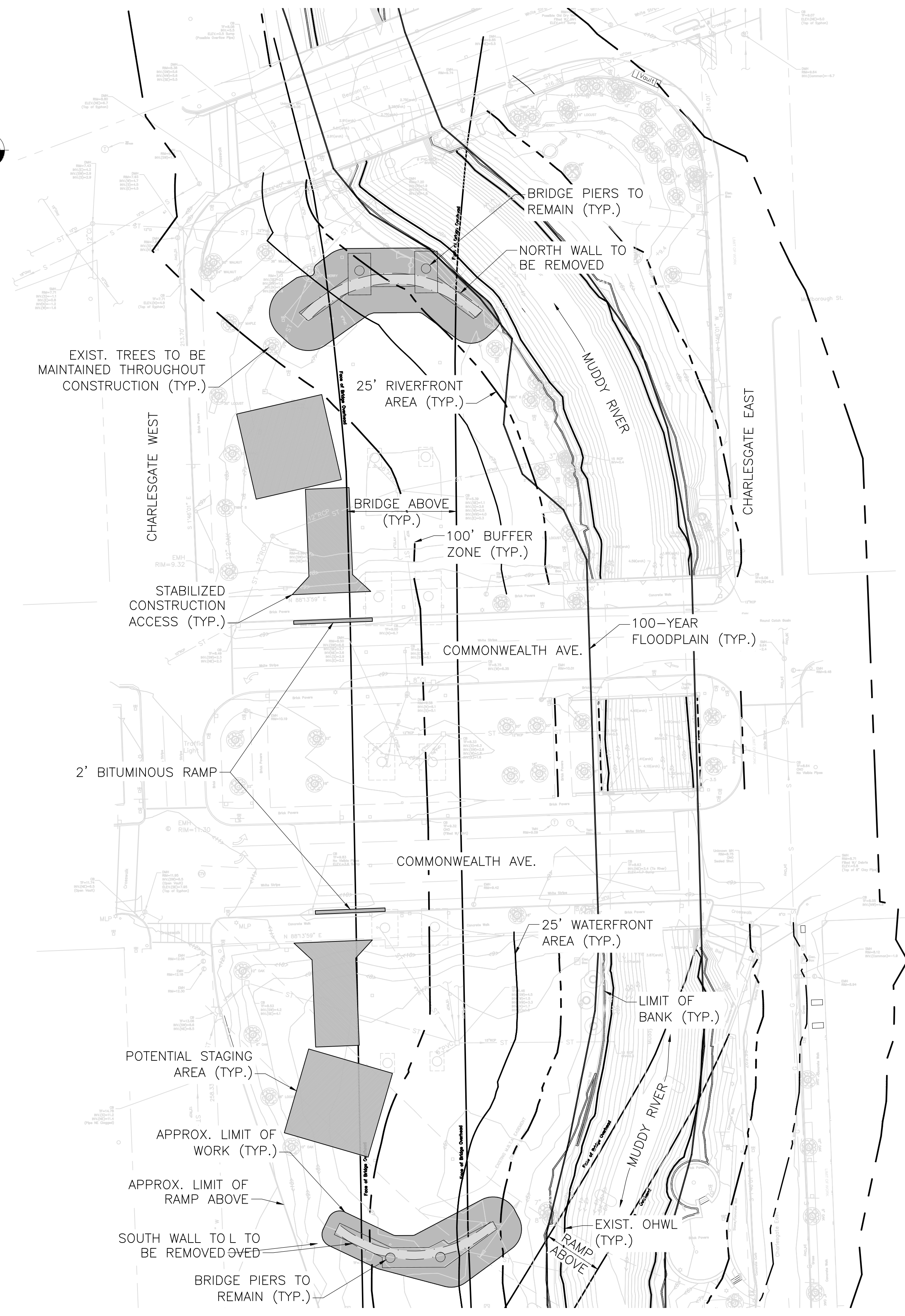
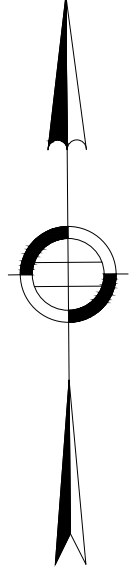
**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF PLANNING AND ENGINEERING**

**CHARLESGATE PARK WALL REMOVAL**

**CHARLESGATE PARK  
BOSTON, MA**

DESIGNER: BDF	<p align="center"><b>LEGEND</b></p>	SHEET NO.
CHECKED: SBK		<b>S-02</b>
DRAWN: BDF	CONT: P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

02 OF 16

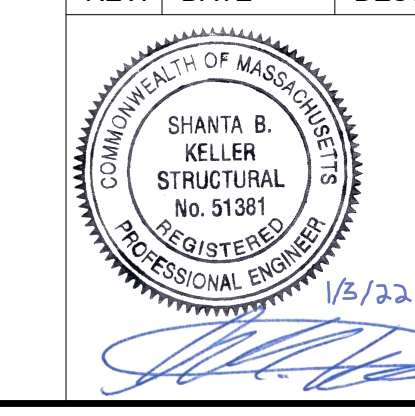


**KEY PLAN**  
SCALE: 1" = 40'

**NOTES:**

1. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
2. PRIOR TO STARTING ANY OTHER WORK ON SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
3. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
4. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR, DIRECT DEPOSIT.
5. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
6. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

REV.	DATE	DESCRIPTION	BY



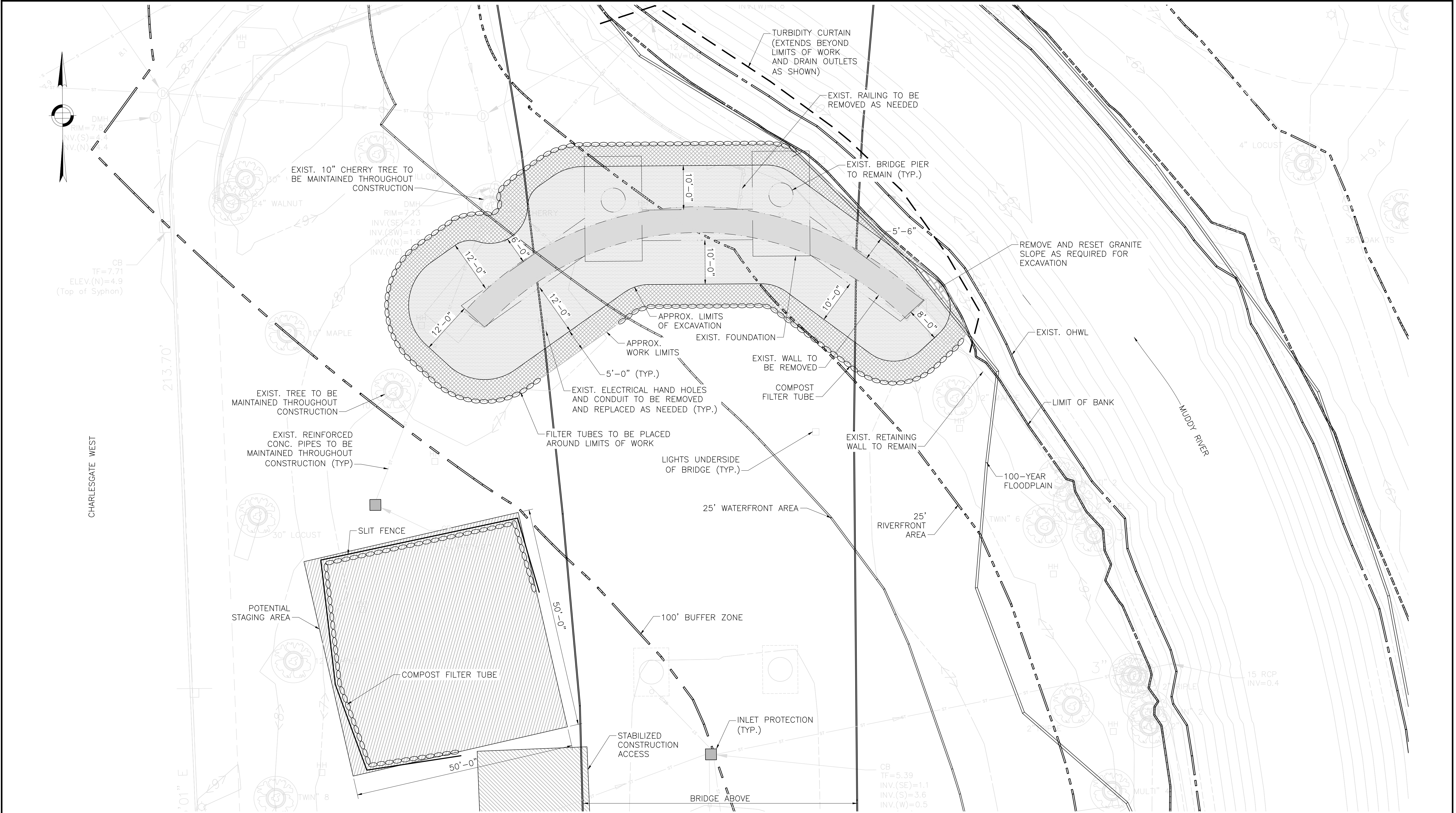
**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF ENGINEERING AND  
DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLESGATE PARK WALL REMOVAL**

**CHARLESGATE PARK  
BOSTON, MA**

DESIGNER: BDF	<b>KEY PLAN</b>	SHEET NO.
CHECKED: SBK		<b>S-03</b>
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

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**NOTES:**

1. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
2. DISTURBED AREAS OUTSIDE OF BRIDGE SHADOW SHALL BE DECOMPACTED AND RESTORED WITH 4' OF LOAM AND SEEDED
3. EXCAVATED AREAS UNDER THE BRIDGE SHALL BE BACKFILLED WITH INSITU SOILS AND COVERED WITH OF COMPACTED STONE DUST.
4. ADD INLET PROTECTION TO ALL CATCH BASINS ON COMMONWEALTH AVE, 6 TOTAL.

**NORTH WALL WORK LIMITS**

SCALE: 1" = 10'

NORTH WALL LIMIT OF WORK AREAS	
100-YEAR FLOOD PLANE	60 SF
25' RIVERFRONT	2105 SF
25' WATERFRONT	3400 SF
100' BUFFER/TOTAL	4850 SF

REV.	DATE	DESCRIPTION	BY

Transportation Land Development  
Environmental Services  
101 Walnut St., P.O. Box 9151  
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**CHARLESGATE PARK WALL REMOVAL**

**CHARLESGATE PARK  
BOSTON, MA**

DESIGNER: BDF CHECKED: SBK DRAWN: BDF CHECKED: SBK	CONT. P21-3434-C1A ACC.	SCALE: AS SHOWN DATE: 1/3/2022	SHEET NO. <b>S-04</b> 4 OF 16
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**SOUTH WALL WORK LIMITS**  
SCALE: 1" = 10'

**NOTES:**

- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
- DISTURBED AREAS OUTSIDE OF BRIDGE SHADOW SHALL BE DECOMPACTED AND RESTORED WITH 4' OF LOAM AND SEEDED
- EXCAVATED AREAS UNDER THE BRIDGE SHALL BE BACKFILLED WITH INSITU SOILS AND COVERED WITH OF COMPACTED STONE DUST.
- ADD INLET PROTECTION TO ALL CATCH BASINS ON COMMONWEALTH AVE, 6 TOTAL.

SOUTH WALL LIMIT OF WORK AREAS	
BANK LIMIT	0 SF
100-YEAR FLOOD PLANE	0 SF
25' RIVERFRONT	256 SF
25' WATERFRONT	1253 SF
100' BUFFER	2693 SF
<b>TOTAL</b>	<b>3273 SF</b>

REV.	DATE	DESCRIPTION	BY





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**CHARLESGATE PARK WALL REMOVAL**

**CHARLESGATE PARK  
BOSTON, MA**

DESIGNER: BDF CHECKED: SBK DRAWN: BDF CHECKED: SBK	<b>SOUTH WALL LIMITS OF WORK</b>	SHEET NO.  <b>S-05</b>  05 OF 16
CONT. P21-3434-C1A ACC.	SCALE: AS SHOWN DATE: 1/3/2022	



**NORTH WALL PROPOSED PLAN**

SCALE: 1" = 10'

**NOTES:**

1. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
2. DISTURBED AREAS OUTSIDE OF BRIDGE SHADOW SHALL BE DECOMPACTED AND RESTORED WITH 4' OF LOAM AND SEEDED
3. EXCAVATED AREAS UNDER THE BRIDGE SHALL BE BACKFILLED WITH INSITU SOILS AND COVERED WITH OF COMPACTED STONE DUST.

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**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK**  
**BOSTON, MA**

DESIGNER: BDF	<b>NORTH WALL PROPOSED PLAN</b>	SHEET NO.
CHECKED: SBK		
DRAWN: BDF		
CHECKED: SBK	CONT. P21-3434-C1A ACC.	SCALE: AS SHOWN DATE: 1/3/2022

S-06  
6 OF 16



**SOUTH WALL PROPOSED PLAN**  
SCALE: 1" = 10'

**NOTES:**

1. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
2. DISTURBED AREAS OUTSIDE OF BRIDGE SHADOW SHALL BE DECOMPACTED AND RESTORED WITH 4' OF LOAM AND SEEDED
3. EXCAVATED AREAS UNDER THE BRIDGE SHALL BE BACKFILLED WITH INSITU SOILS AND COVERED WITH OF COMPACTED STONE DUST.
4. EXISTING DRAIN PIPE LOCATIONS TO BE VERIFIED PRIOR TO BEGINNING ANY EXCAVATION,

REV.	DATE	DESCRIPTION	BY



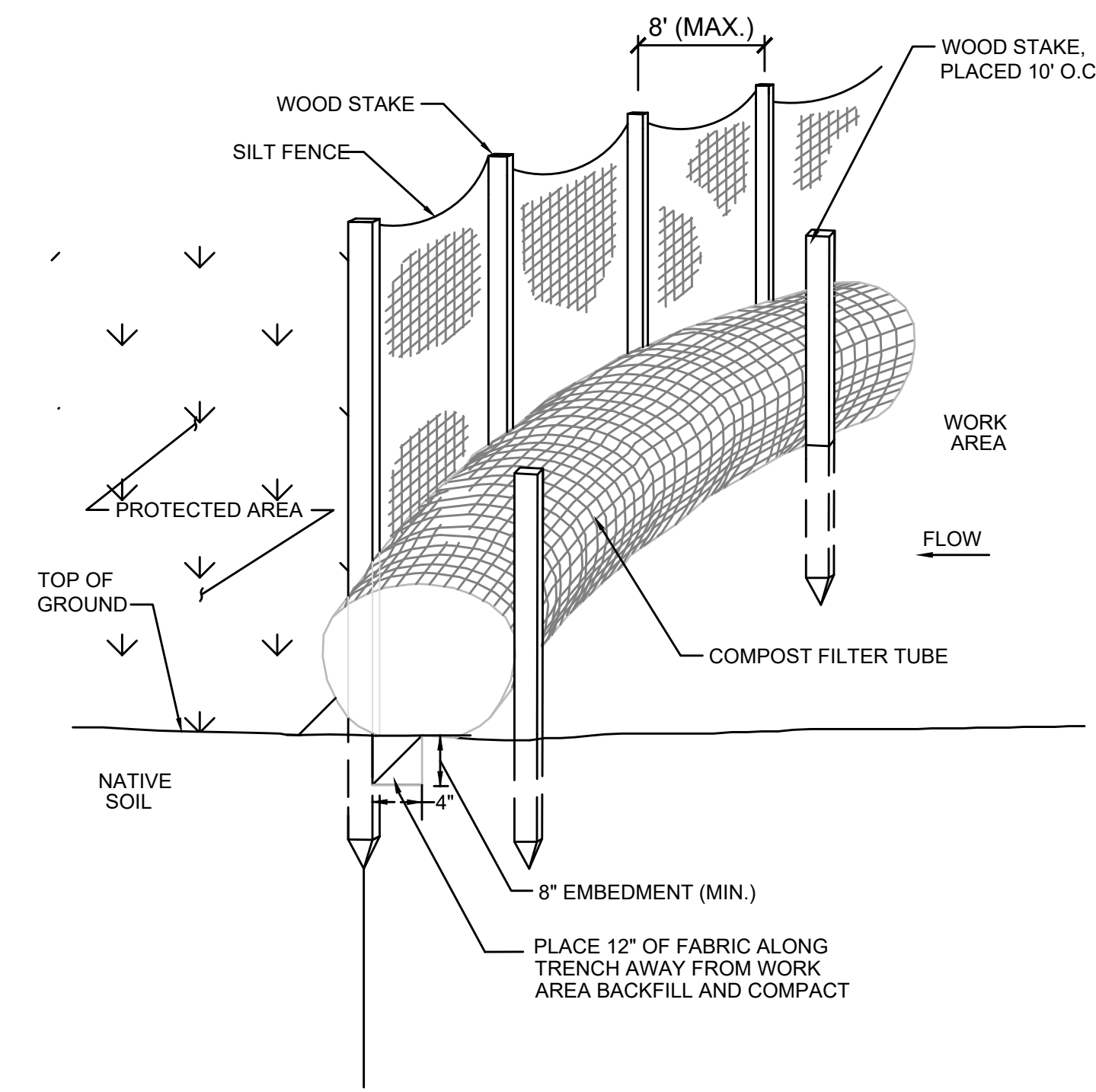
  
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**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK**  
**BOSTON, MA**

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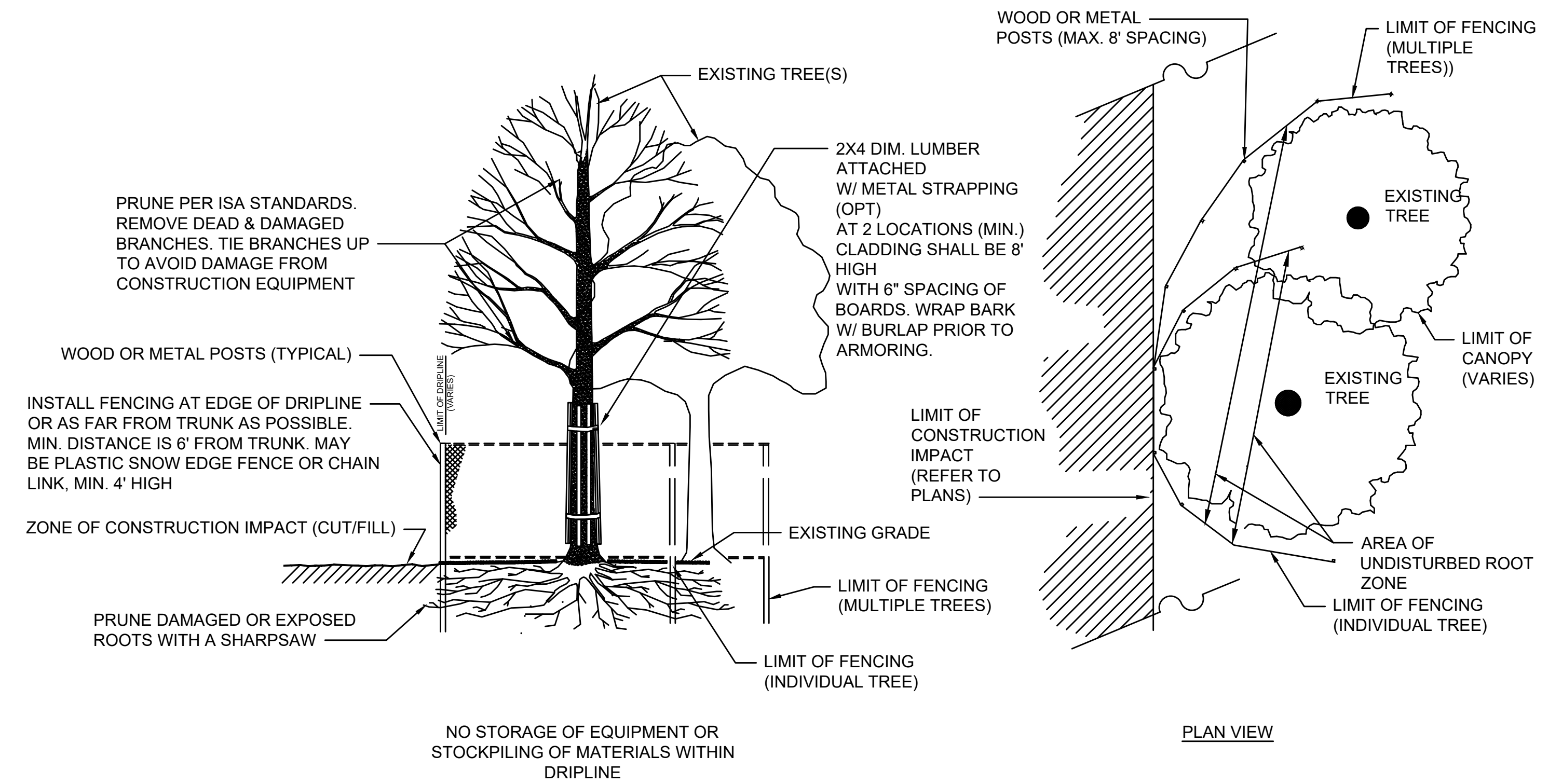
**S-07**  
 07 OF 16



- NOTES:**
1. FILTER CLOTH SHALL BE FASTENED SECURELY TO POSTS WITH WIRE TIES OR STAPLES, AND POSTS SHALL BE SPACED EVERY 10 FEET.
  2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES AND FOLDED.
  3. ENTRENCH SILT FENCE BUT NOT COMPOST FILTER TUBE.
  4. INSPECTIONS SHALL BE FREQUENT, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY.
  5. TUBES FOR COMPOST FILTERS SHALL BE JUTE MESH OR APPROVED BIODEGRADABLE MATERIAL. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER. TAMP TUBES IN PLACE TO ENSURE GOOD CONTACT WITH SOIL SURFACE. IT IS NOT NECESSARY TO TRENCH TUBES INTO EXISTING GRADE.
  6. TUBES CAN BE PLACED DIRECTLY ON EXISTING PAVEMENT WHEN NECESSARY.
  7. PROVIDE A 3 FT. MINIMUM OVERLAP AT ENDS OF TUBES TO JOIN IN A CONTINUOUS BARRIER AND MINIMIZE UNIMPEDED FLOW. STAKE JOINING TUBES SNUGLY AGAINST EACH OTHER TO PREVENT UNFILTERED FLOW BETWEEN THEM.

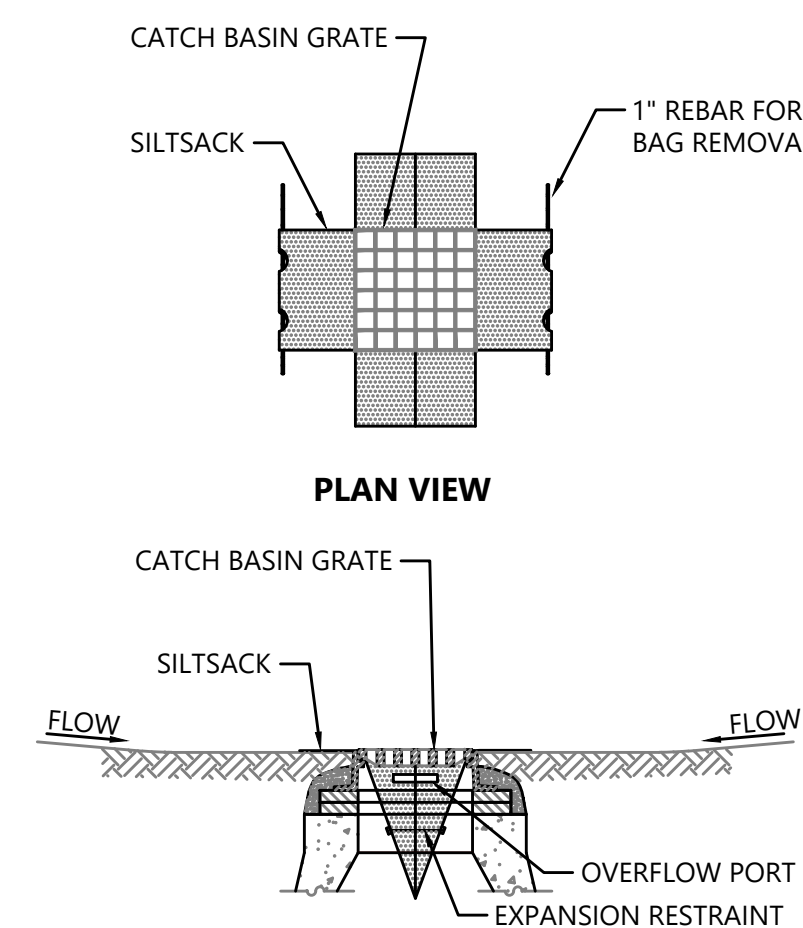
**COMPOST FILTER TUBE AND SILT FENCE DETAIL - TYPE A EROSION CONTROL BARRIER**

SCALE: N.T.S.



**TREE PROTECTION OF EXISTING TREE(S)**

SCALE: N.T.S.

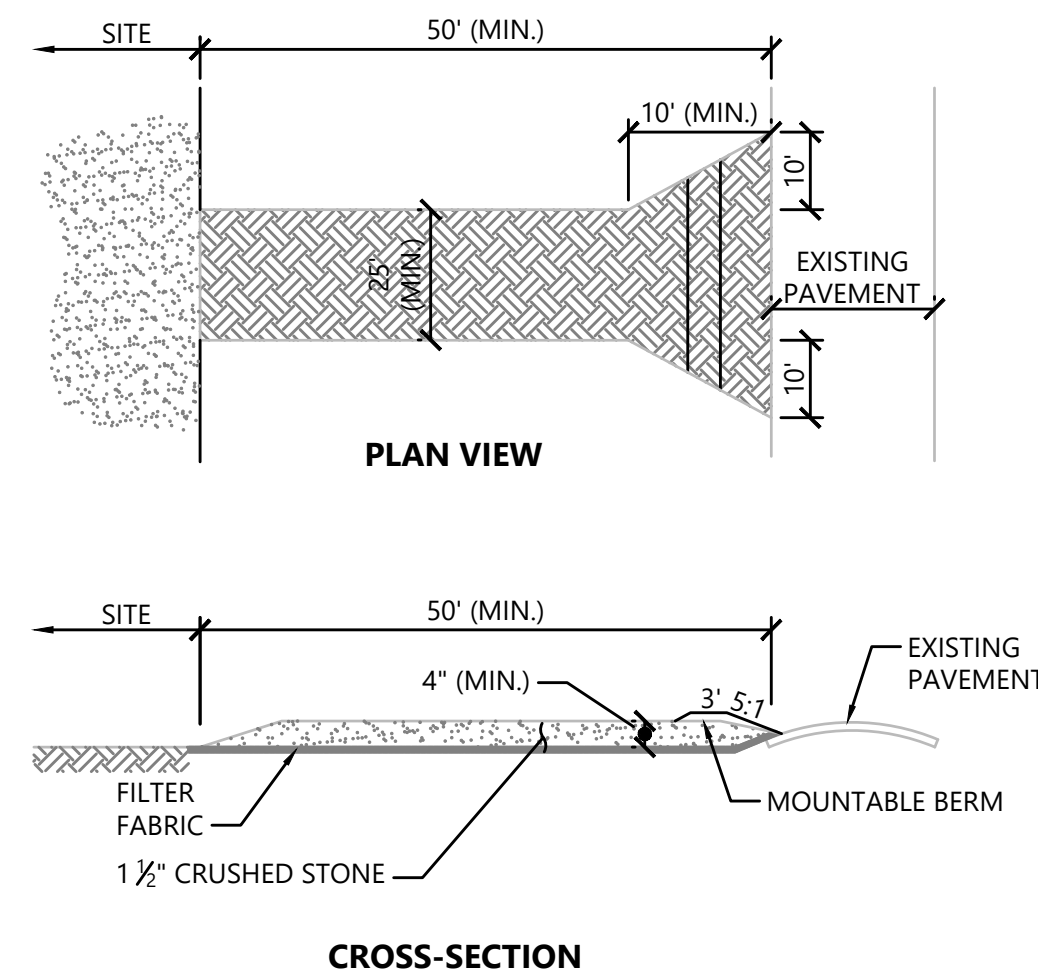


**NOTES**

1. INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.
2. GRATE TO BE PLACED OVER SILTSACK.
3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

**INLET PROTECTION - SILT SACK IN CATCH BASIN**

SCALE: N.T.S.

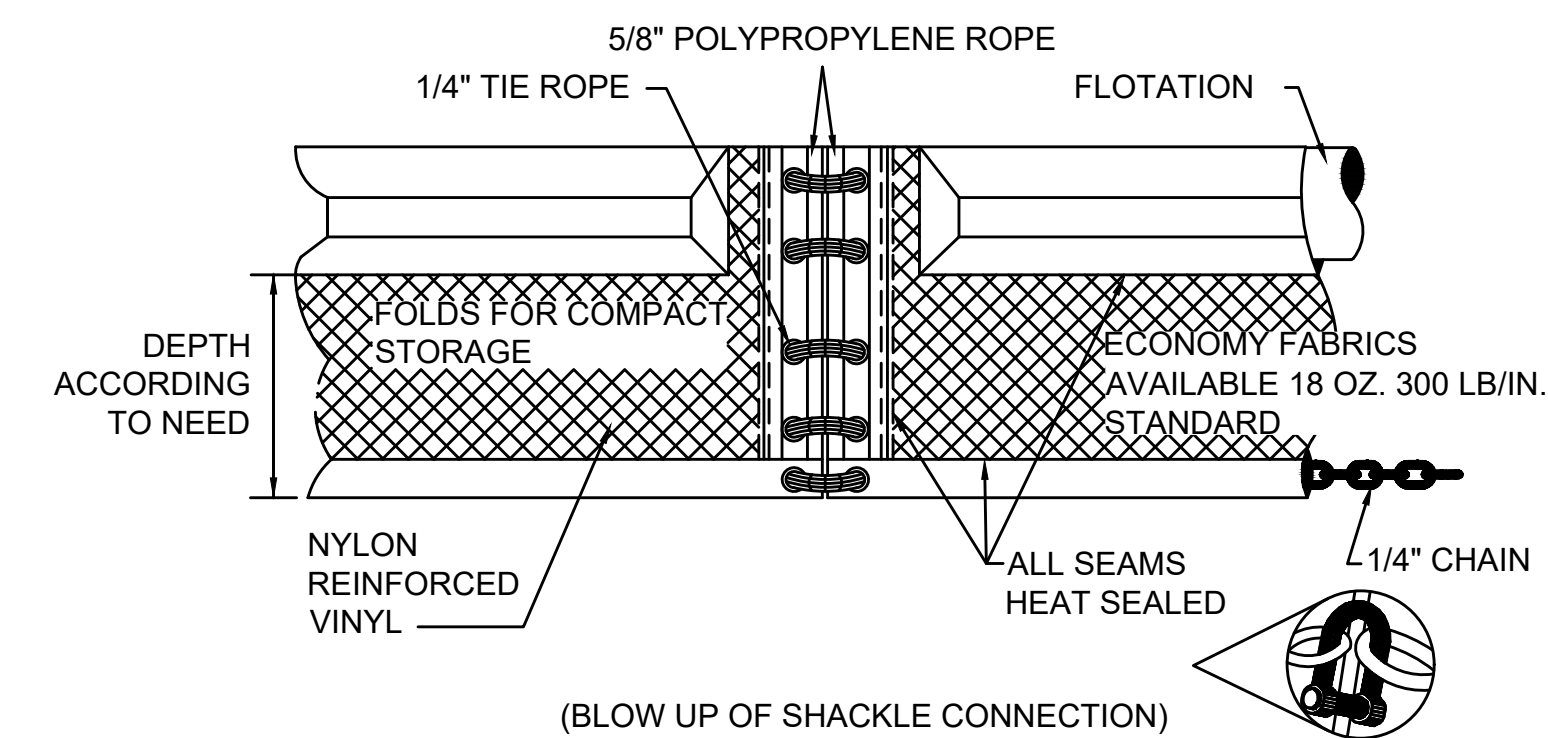


**NOTES**

1. EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR 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. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

**STABILIZED CONSTRUCTION EXIT**

SCALE: N.T.S.



**TURBIDITY CURTAIN DETAIL - EROSION CONTROL BARRIER TYPE C**

SCALE: N.T.S.

REV.	DATE	DESCRIPTION	BY

Transportation Land Development  
 Environmental Services  
 101 Walnut St., P.O. Box 9151  
 Watertown, MA 02472  
 617 924 1770 FAX 617 924 2286

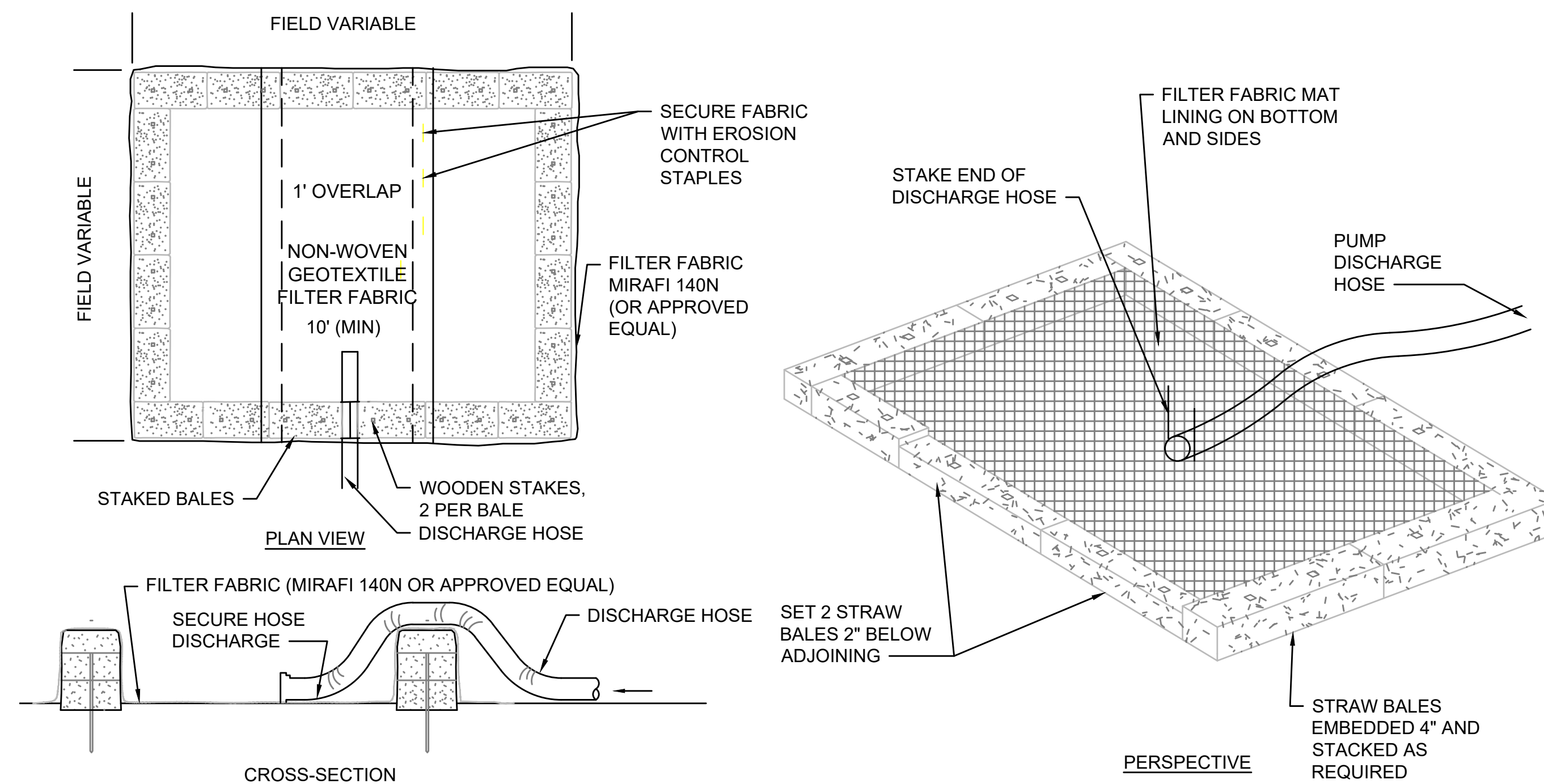
**COMMONWEALTH OF MASSACHUSETTS**  
**DEPARTMENT OF CONSERVATION AND RECREATION**  
**DIVISION OF ENGINEERING AND**  
**DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK**  
**BOSTON, MA**

DESIGNER: BDF	EROSION CONTROL DETAILS 1 OF 2	SHEET NO. S-08
CHECKED: SBK		
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

08 OF 16



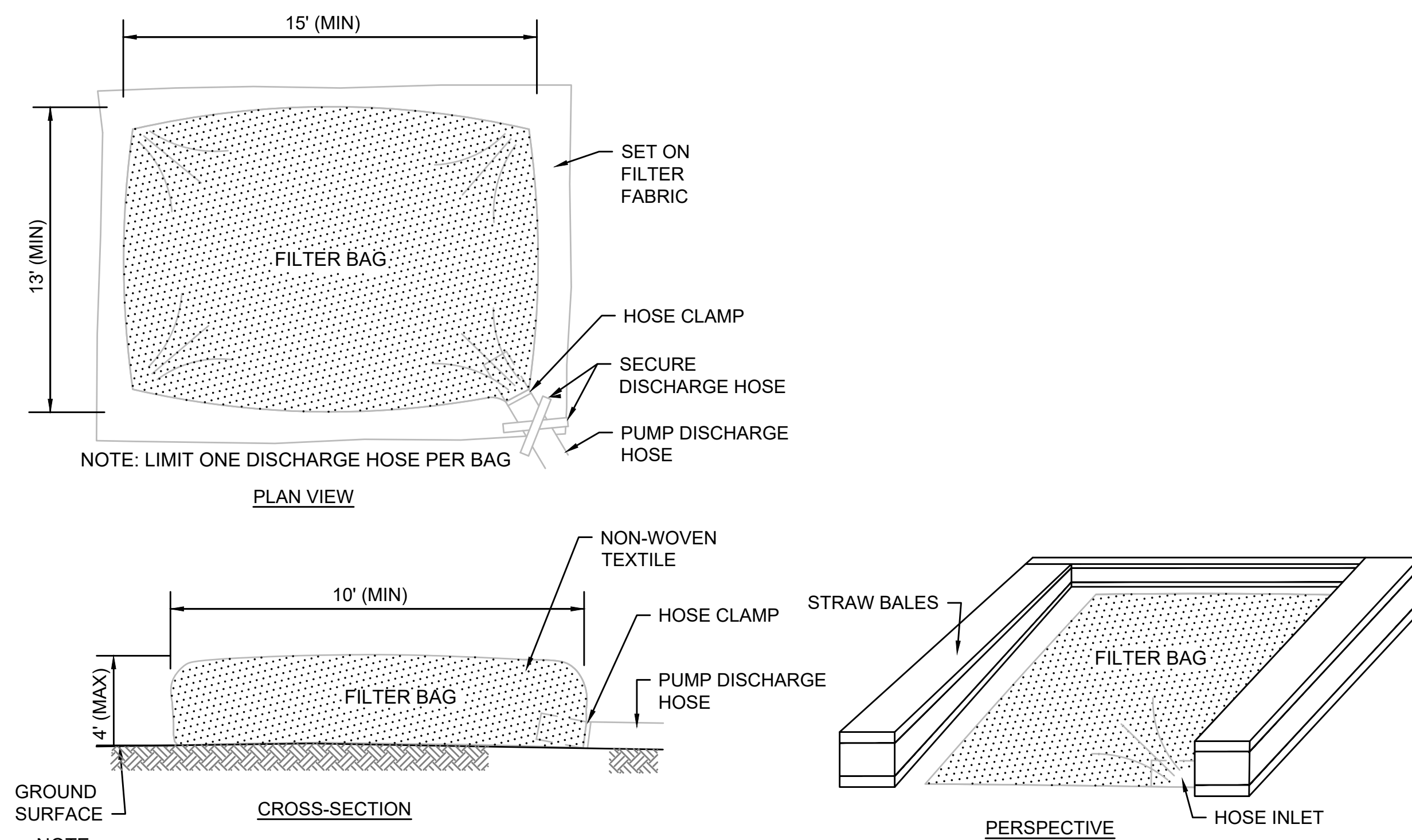


**NOTES:**

1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.
3. WITHIN THE TOWN OF STOW, THE CONTRACTOR SHALL NOTIFY THE STOW CONSERVATION COMMISSION PRIOR TO ANY PLANNED DEWATERING AND THE CONSERVATION COMMISSION MUST APPROVE THIS WORK IN THE FIELD PRIOR TO COMMENCEMENT.

**DEWATERING STRAW BALE BASIN**

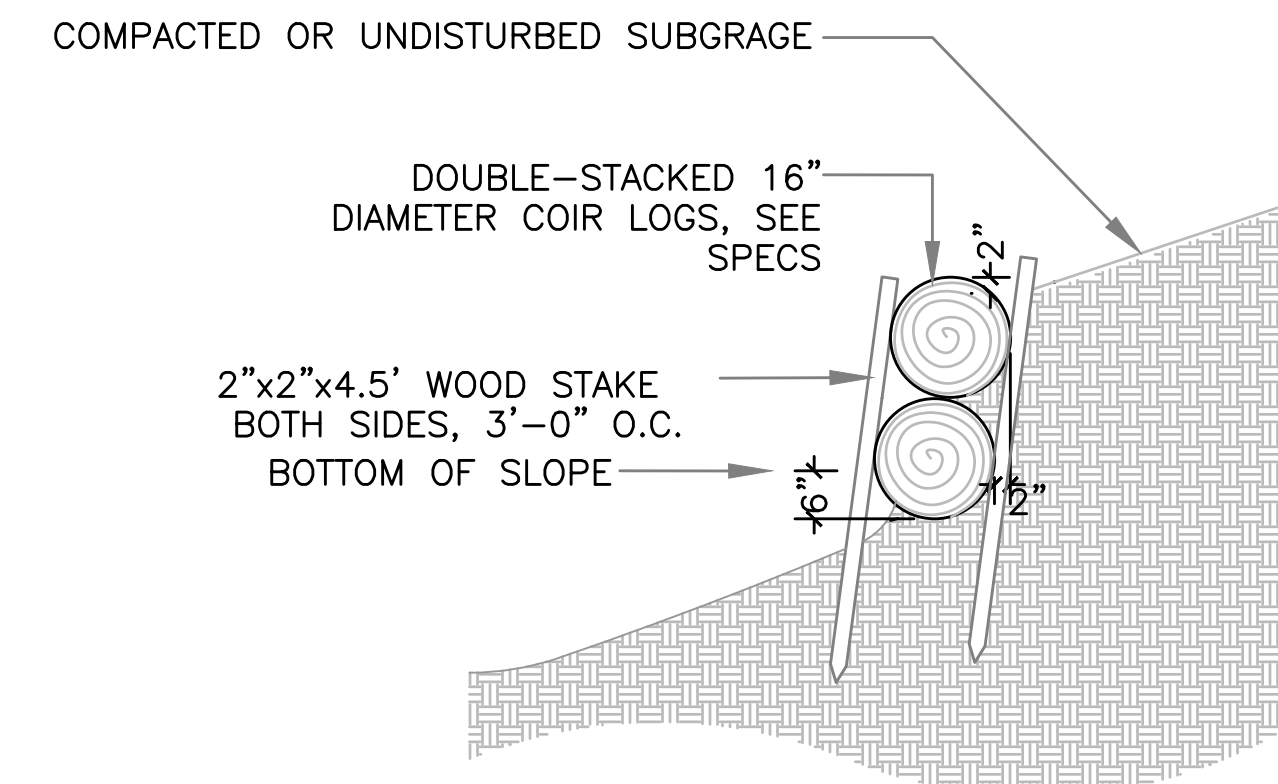
SCALE: N.T.S.



**NOTE:**

1. BAG TO BE USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. WITHIN THE TOWN OF STOW, THE CONTRACTOR SHALL NOTIFY THE STOW CONSERVATION COMMISSION PRIOR TO ANY PLANNED DEWATERING AND THE CONSERVATION COMMISSION MUST APPROVE THIS WORK IN THE FIELD PRIOR TO COMMENCEMENT.

**DEWATERING FILTER BAG**



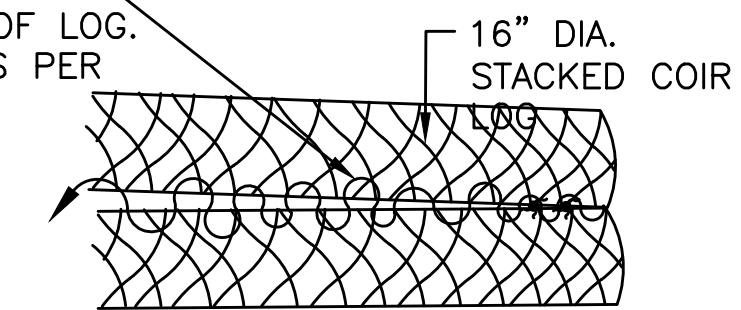
SECTION - DOUBLE COURSE COIR LOG:

**NOTE**

FIELD VERIFY THE EXISTING SLOPE AND INSTALL THE COIR LOG AS REQUIRED BASED ON THE EXISTING SLOPE. CONTRACTOR TO VERIFY SLOPE STABILITY WITH COIR LOG MANUFACTURER PRIOR TO INSTALLATION.

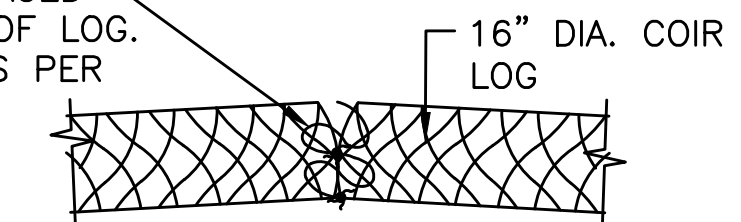
**ELEVATION VIEW: LATERAL TYING**

COCONUT FIBER CORD LACED THROUGH OUTER WRAP OF LOG. TIE 10 OVERHAND KNOTS PER COIR LOG, MIN.



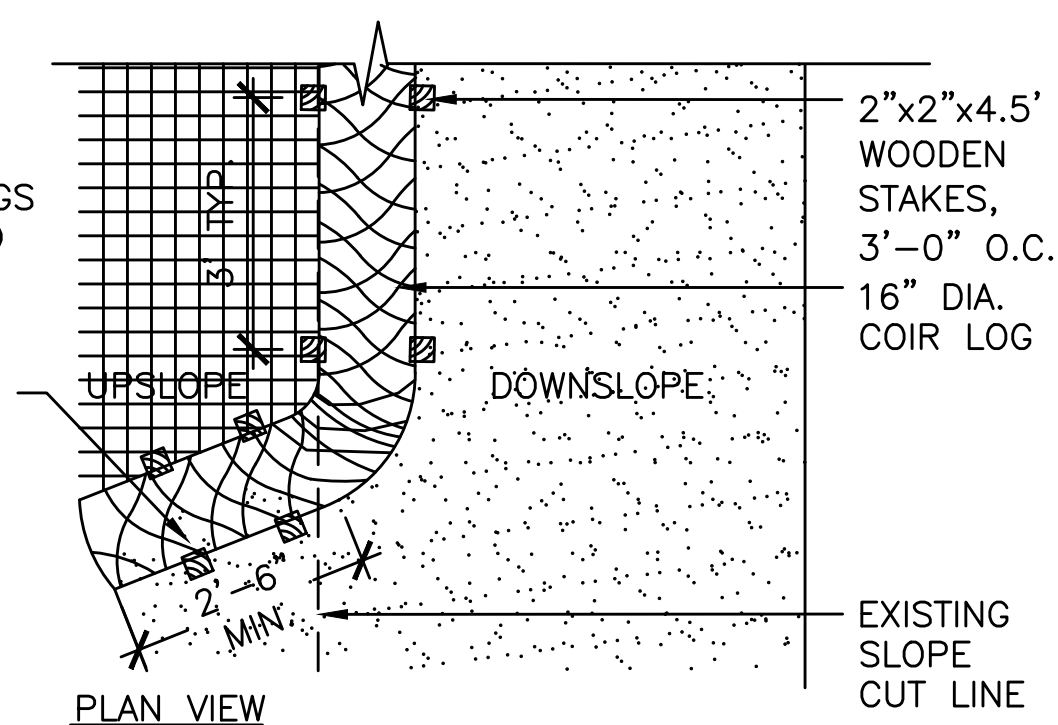
**PLAN VIEW: END-TO-END TYING**

COCONUT FIBER CORD LACED THROUGH OUTER WRAP OF LOG. TIE 10 OVERHAND KNOTS PER COIR LOG, MIN.



**NOTE:** ENDS OF COIR LOGS TO BE KEED INTO SLOPE.

4.5' WOOD STAKE, 12" O.C. AT ENDS, MIN 4. INSERT THROUGH COIR NETTING.



**COIR LOG NOTES:**

DETAIL IS REPRESENTATIVE ONLY. PURPOSE IS TO SHOW DESIGN INTENT. PRIOR TO PLANT INSTALLATION PLANT LAYOUT SHALL BE STAKED OUT BY CONTRACTOR AND APPROVED BY OWNER'S REPRESENTATIVE.

**COIR LOG**

SCALE: N.T.S.

REV.	DATE	DESCRIPTION	BY





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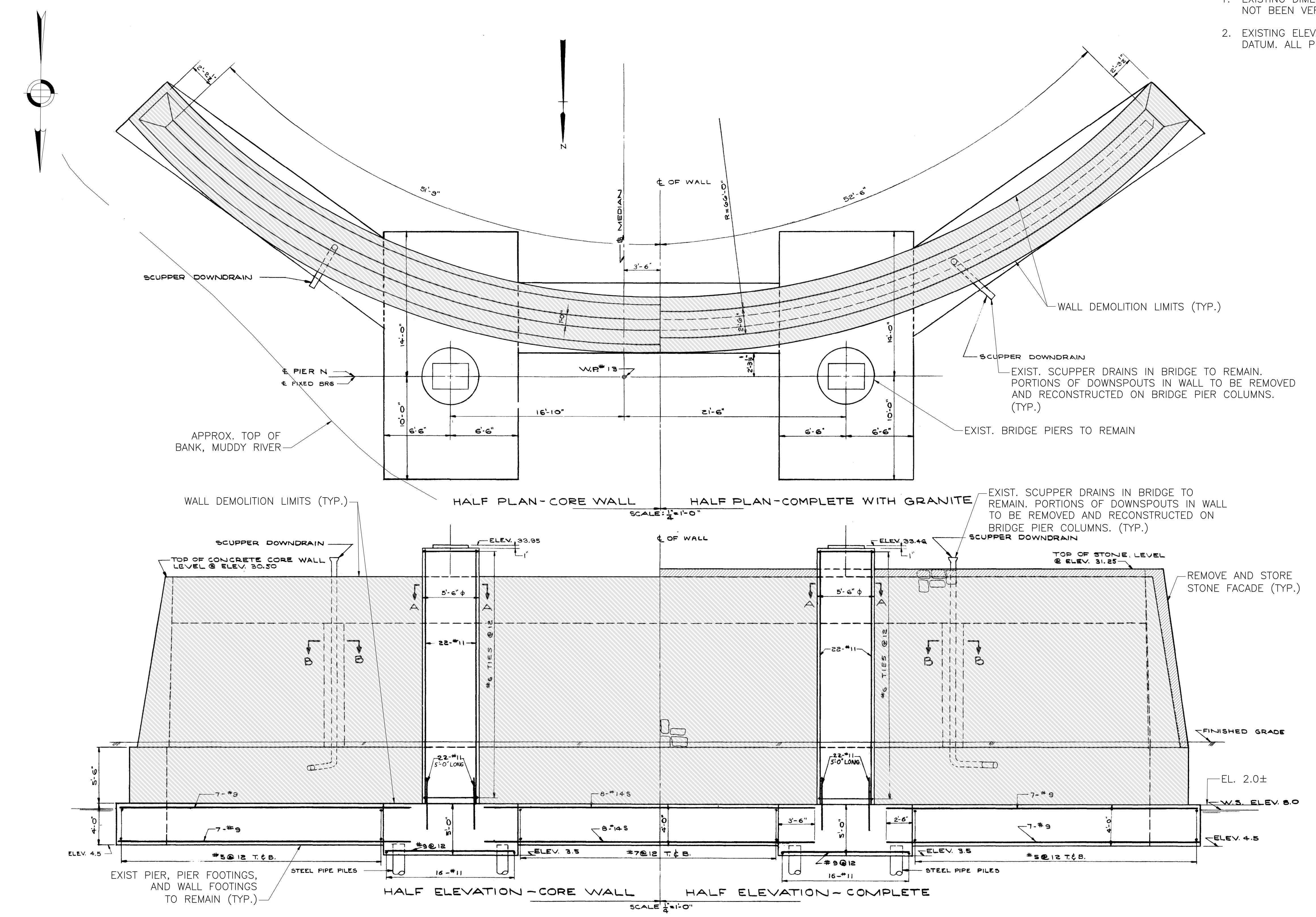
**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF ENGINEERING AND  
DIVISION OF PLANNING AND RESOURCE PROTECTION**

CHARLESGATE PARK WALL REMOVAL

CHARLESGATE PARK  
BOSTON, MA

DESIGNER: BDF	EROSION CONTROL DETAILS 2 OF 2	SHEET NO. <b>S-09</b>
CHECKED: SBK		
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

- NOTES:**
- EXISTING DIMENSIONS ARE TAKEN FROM RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY SURVEY.
  - EXISTING ELEVATIONS SHOWN ARE IN THE BOSTON CITY BASE VERTICAL DATUM. ALL PROPOSED ELEVATIONS ARE IN NAVD 88 VERTICAL DATUM.



**NORTH WALL DEMOLITION LIMITS - PLAN & ELEVATION**  
SCALE: 3/16" = 1'-0"

REV.	DATE	DESCRIPTION	BY

COMMONWEALTH OF MASSACHUSETTS  
SHANTA B. KELLER  
STRUCTURAL  
No. 51361  
REGISTERED  
PROFESSIONAL ENGINEER  
1/3/22



**vhb**  
Transportation Land Development  
Environmental Services  
101 Walnut St., P.O. Box 9151  
Watertown, MA 02472  
617 924 1770 FAX 617 924 2286

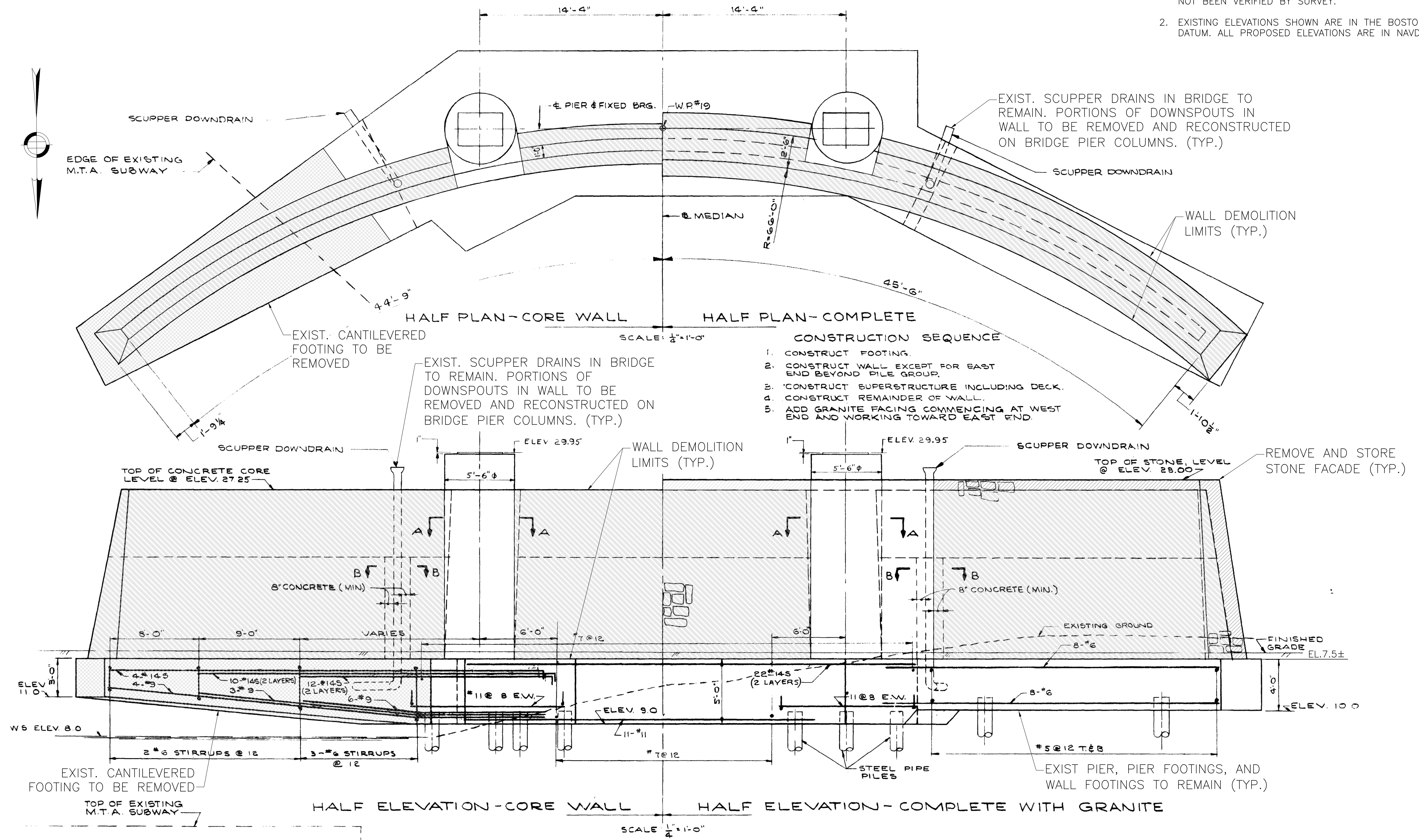
**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF ENGINEERING AND  
DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLES GATE PARK WALL REMOVAL**

**CHARLES GATE PARK  
BOSTON, MA**

DESIGNER: BDF	SHEET NO.
CHECKED: SBK	NORTH WALL DEMOLITION LIMITS
DRAWN: BDF	CONT. P21-3434-C1A
CHECKED: SBK	ACC.
SCALE: AS SHOWN	S-10
DATE: 1/3/2022	10 OF 16

- NOTES:
- EXISTING DIMENSIONS ARE TAKEN FROM RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY SURVEY.
  - EXISTING ELEVATIONS SHOWN ARE IN THE BOSTON CITY BASE VERTICAL DATUM. ALL PROPOSED ELEVATIONS ARE IN NAVD 88 VERTICAL DATUM.



**SOUTH WALL DEMOLITION LIMITS – PLAN & ELEVATION**

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

REV.	DATE	DESCRIPTION	BY




Transportation Land Development  
 Environmental Services  
 101 Walnut St., P.O. Box 9151  
 Watertown, MA 02472  
 617 924 1770 FAX 617 924 2286

**COMMONWEALTH OF MASSACHUSETTS**  
**DEPARTMENT OF CONSERVATION AND RECREATION**  
**DIVISION OF ENGINEERING AND**  
**DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK**  
**BOSTON, MA**

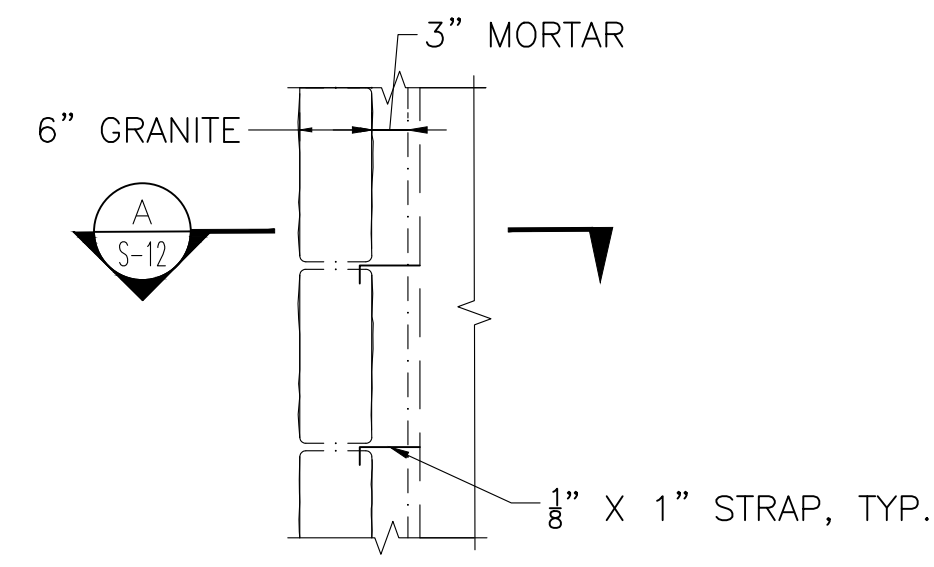
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 CHECKED: SBK  
 DRAWN: BDF  
 CHECKED: SBK

**SOUTH WALL DEMOLITION LIMITS**

CONT. P21-3434-C1A  
 ACC.

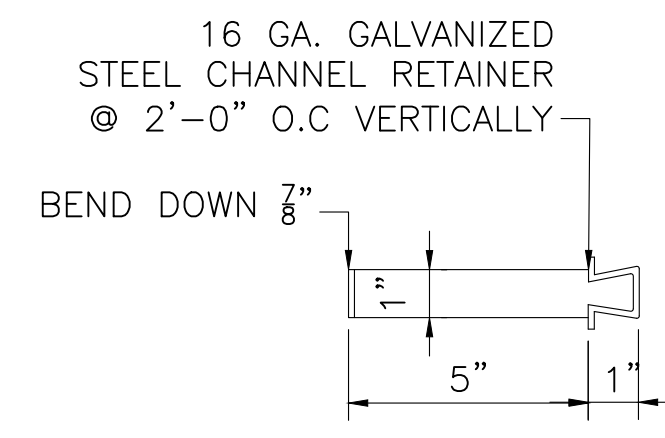
SCALE: AS SHOWN  
 DATE: 11/12/2021

SHEET NO. **S-11**  
 11 OF 16



**STONE FACING DETAIL**

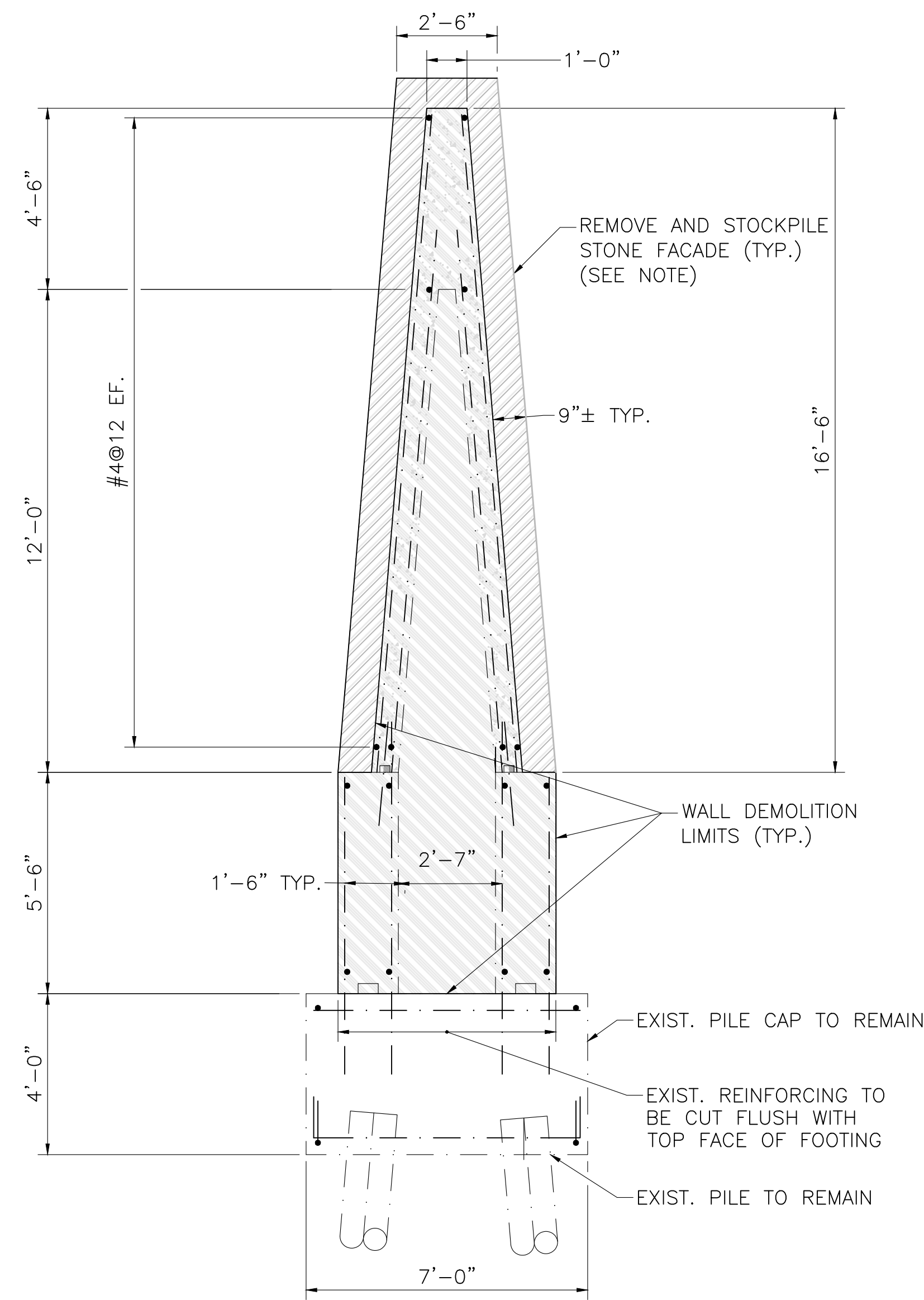
SCALE:  $\frac{3}{4}$ " = 1'-0"



**SECTION A**

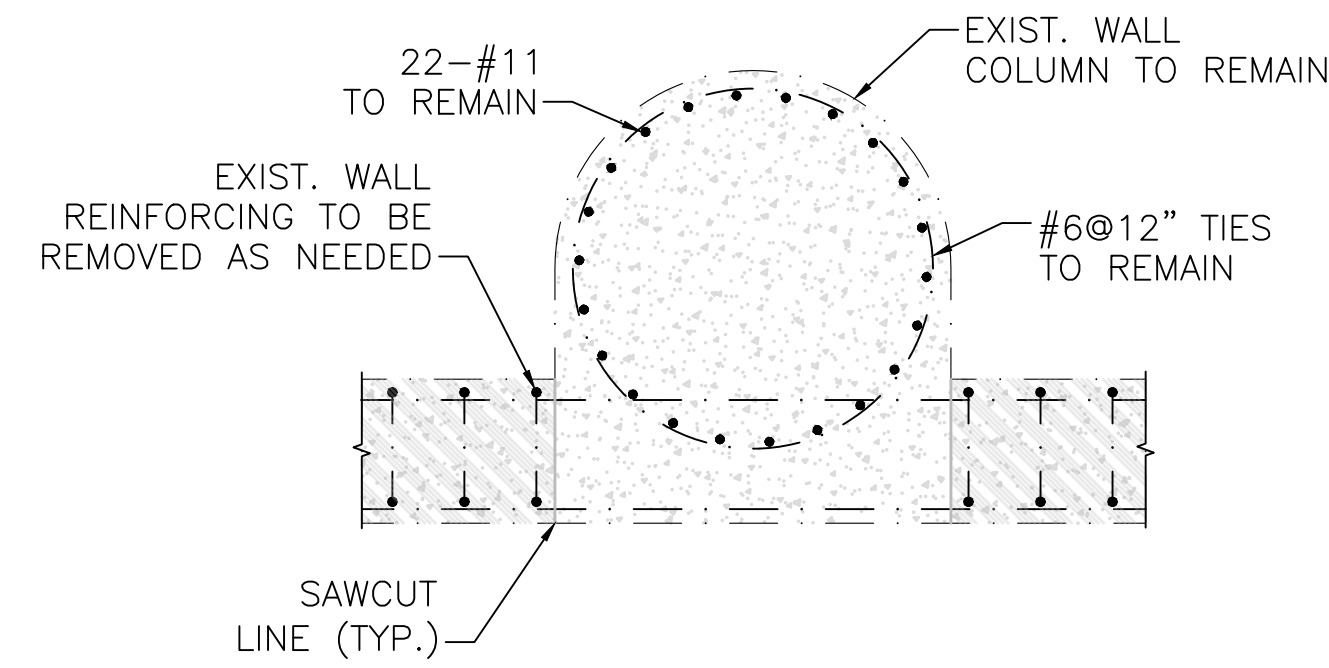
SCALE:  $\frac{1}{4}$ " = 1'-0"

- NOTES:**
- EXISTING DIMENSIONS ARE TAKEN FROM RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY SURVEY.
  - 200 SF OF STONE FACADE SHALL BE RETAINED AND STOCKPILED ON SITE IN GOOD CONDITION.
  - NEWLY EXPOSED REBAR SHALL BE COATED WITH AND APPROVED GALVANIZED REPAIR PRODUCT.
  - TOP SURFACES OF PILE CAPS (FOOTINGS) AND ALL NEWLY EXPOSED CONCRETE SURFACES TO BE BACKFILLED SHALL RECEIVE A DAMPPROOFING LAYER PER MASSDOT STANDARD SPECIFICATIONS AFTER REPAIRING DAMAGED AREAS WHERE NECESSARY.



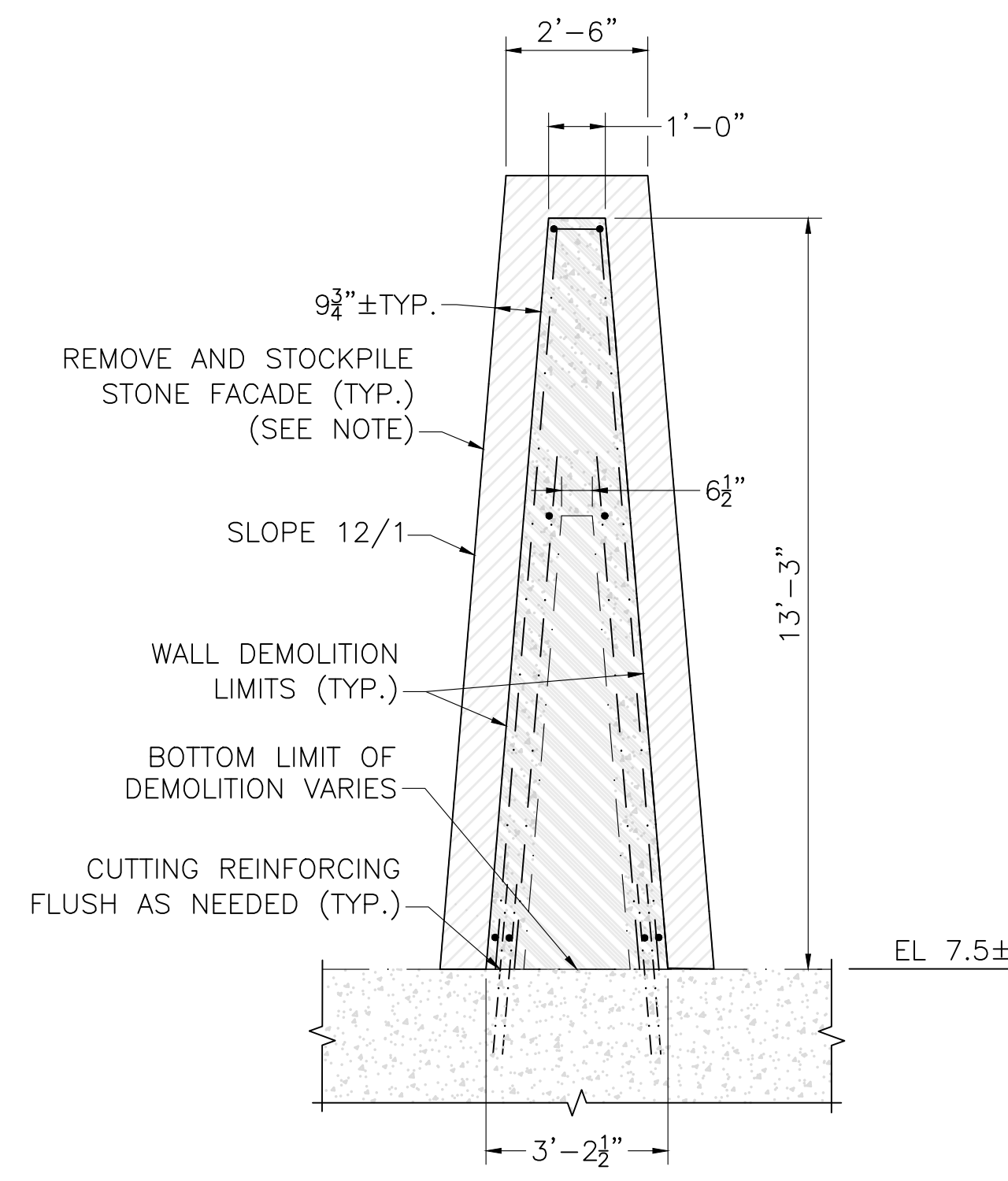
**NORTH WALL TYPICAL SECTION**

SCALE:  $\frac{3}{8}$ " = 1'-0"



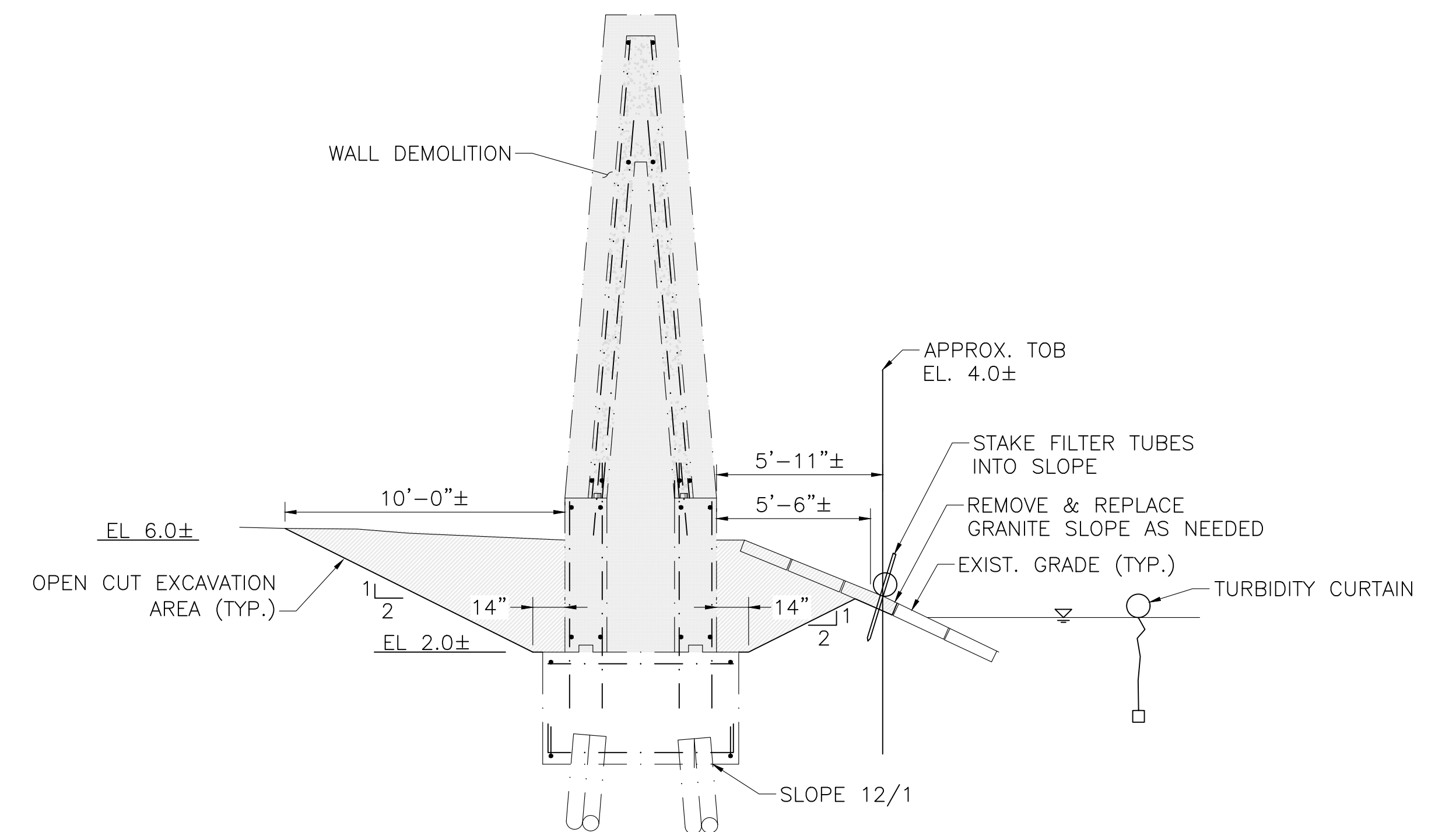
**SOUTH WALL SECTION AT BRIDGE COLUMN**

SCALE:  $\frac{3}{8}$ " = 1'-0"



**SOUTH WALL TYPICAL SECTION**

SCALE:  $\frac{3}{8}$ " = 1'-0"



**NORTH WALL - EXCAVATION AT NORTHEAST CORNER**

SCALE:  $\frac{1}{4}$ " = 1'-0"

REV.	DATE	DESCRIPTION	BY

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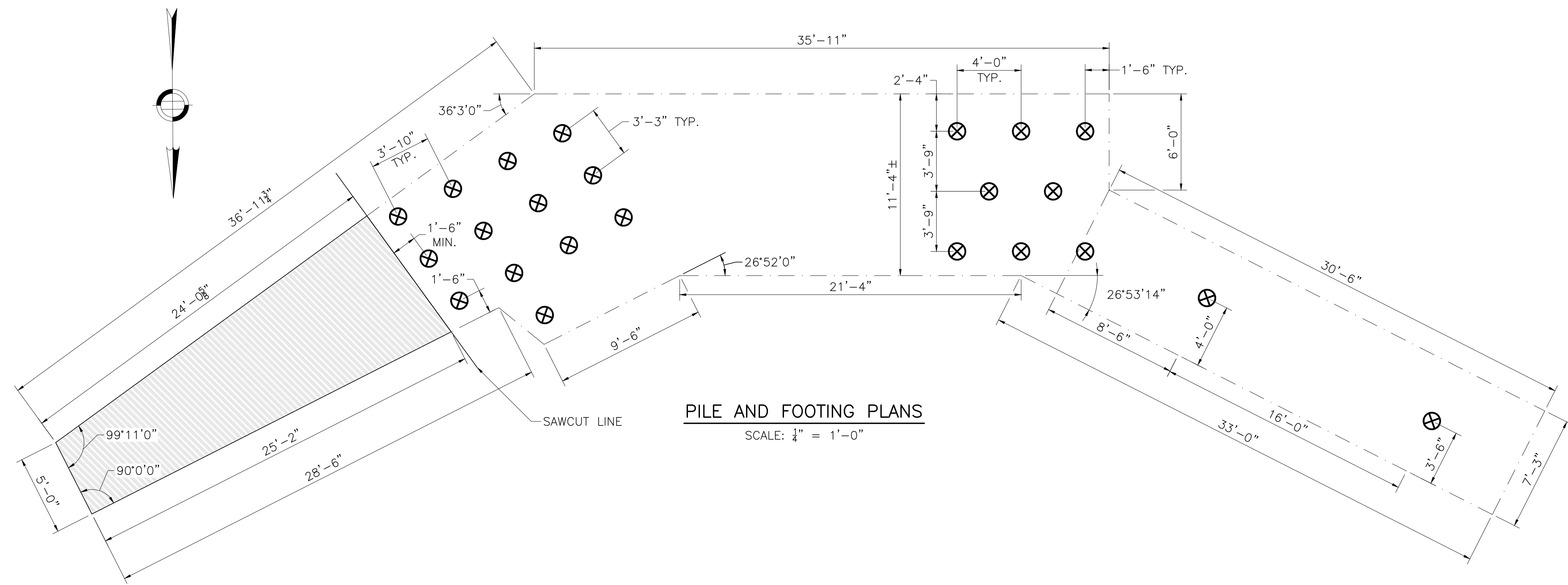
**COMMONWEALTH OF MASSACHUSETTS**  
**DEPARTMENT OF CONSERVATION AND RECREATION**  
**DIVISION OF ENGINEERING AND**  
**DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK**  
**BOSTON, MA**

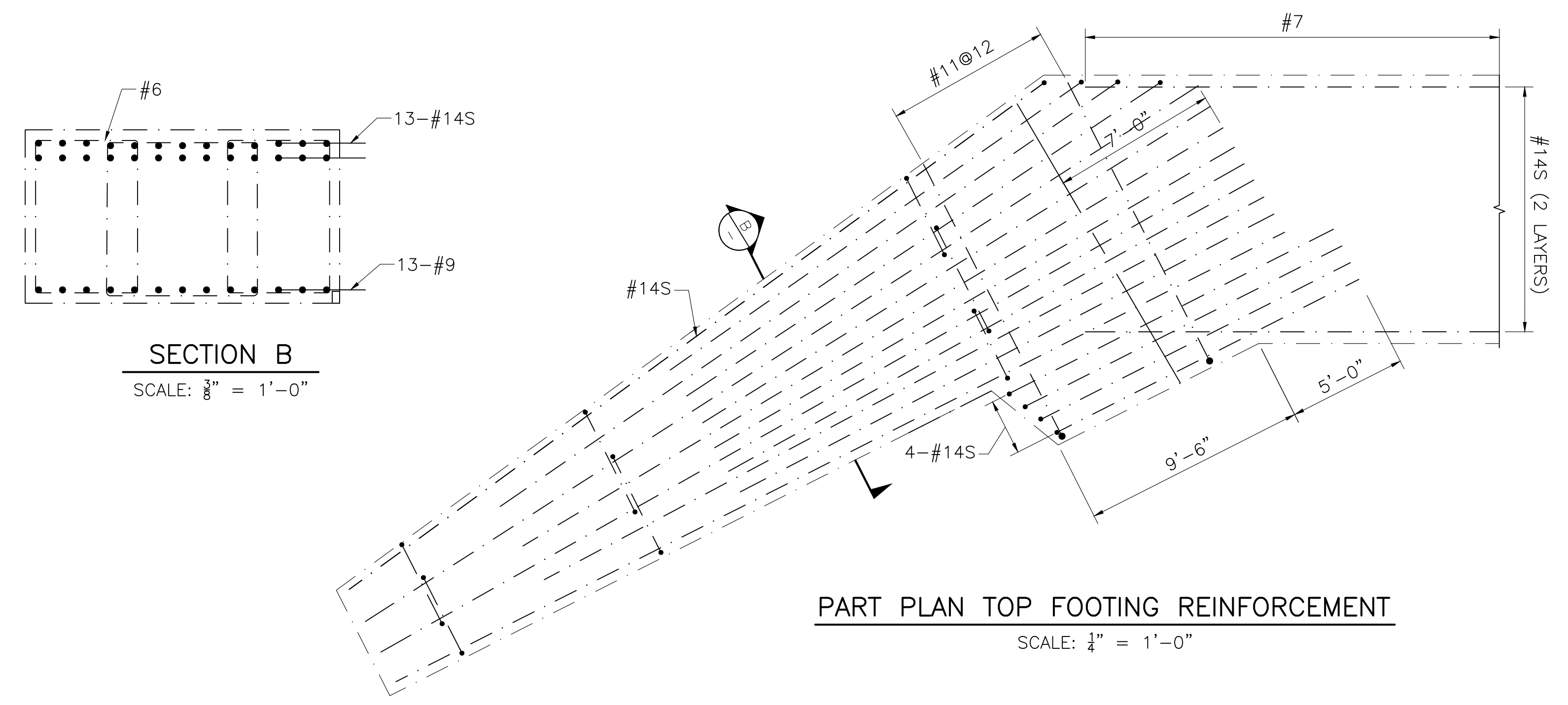
DESIGNER: BDF	<b>DEMOLITION DETAILS 1 OF 2</b>	SHEET NO.
CHECKED: SBK		
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

S-12  
12 OF 16

NOTES:  
 1. EXISTING DIMENSIONS ARE TAKEN FROM RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY SURVEY.



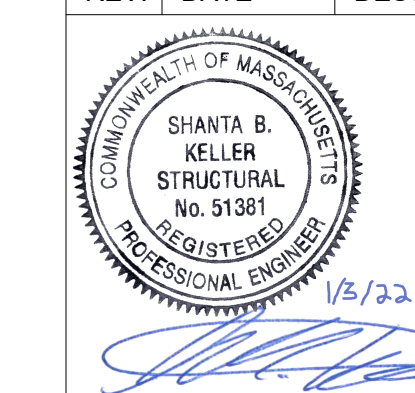
**PILE AND FOOTING PLANS**  
 SCALE: 1/4" = 1'-0"



**PART PLAN TOP FOOTING REINFORCEMENT**  
 SCALE: 1/8" = 1'-0"

**SECTION B**  
 SCALE: 3/8" = 1'-0"

REV.	DATE	DESCRIPTION	BY



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**COMMONWEALTH OF MASSACHUSETTS  
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 DIVISION OF ENGINEERING AND  
 DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLES GATE PARK WALL REMOVAL**

**CHARLES GATE PARK  
 BOSTON, MA**

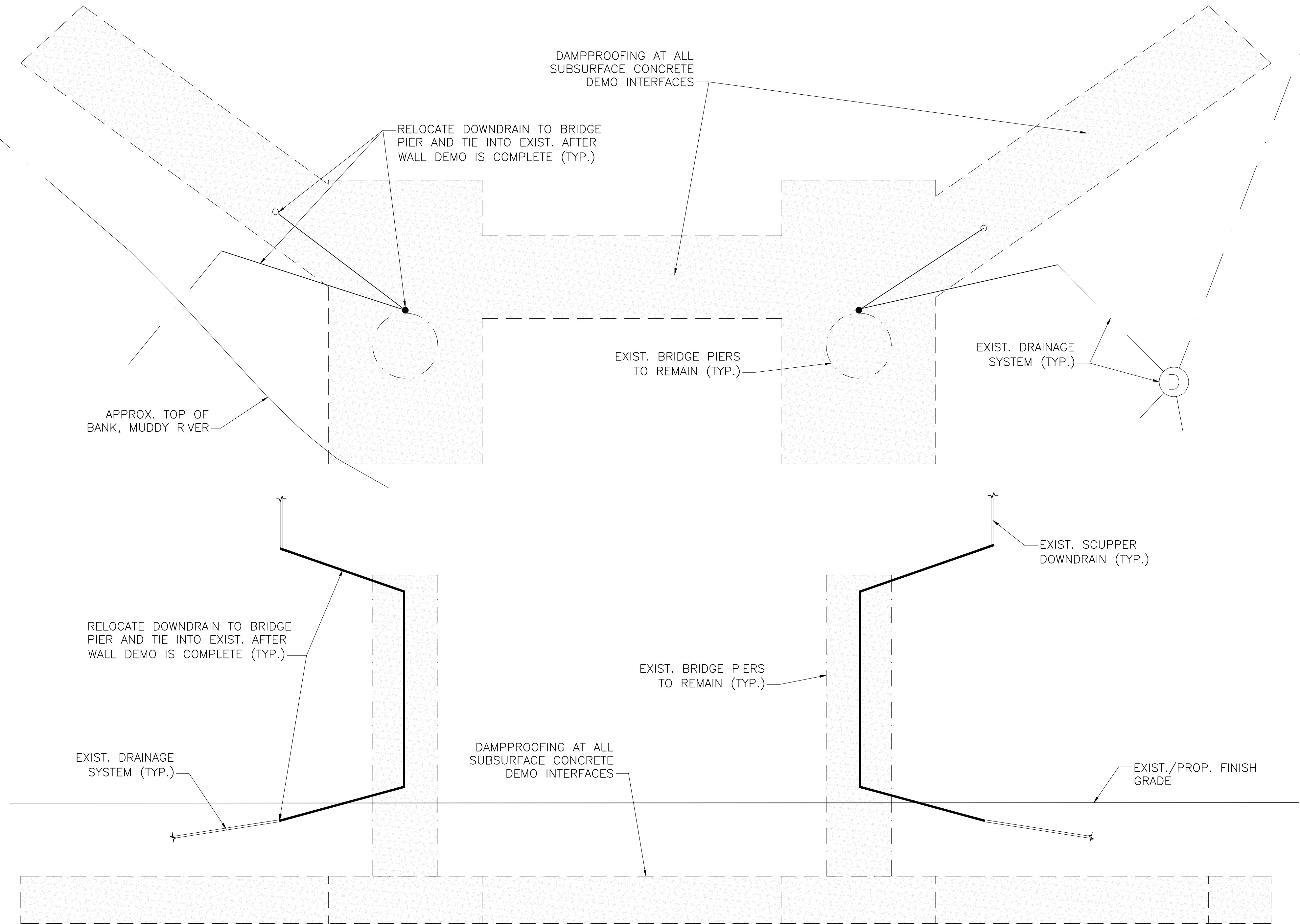
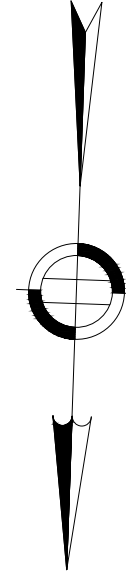
DESIGNER: BDF  
 CHECKED: SBK  
 DRAWN: BDF  
 CHECKED: SBK

**DEMOLITION DETAILS 2 OF 2**

CONT. P21-3434-C1A  
 ACC.

SCALE: AS SHOWN  
 DATE: 1/3/2022

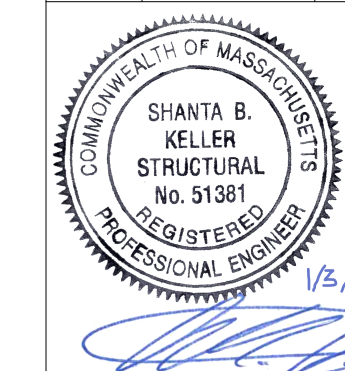
SHEET NO. **S-13**  
 13 OF 16



**NORTH WALL WATER MANAGEMENT – PLAN & ELEVATION**  
 SCALE: 1/4" = 1'-0"

- NOTES:**
- EXISTING ELEVATIONS SHOWN ARE IN THE BOSTON CITY BASE VERTICAL DATUM. ALL PROPOSED ELEVATIONS ARE IN NAVD 88 VERTICAL DATUM.
  - RECONSTRUCT NEW DOWNSPOUTS ON PIER COLUMNS PRIOR TO DEMOLISHING WALL, SO DOWNSPOUTS CAN BE QUICKLY SPLICED OVER AND BRIDGE DRAINAGE CAN BE MAINTAINED.

REV.	DATE	DESCRIPTION	BY

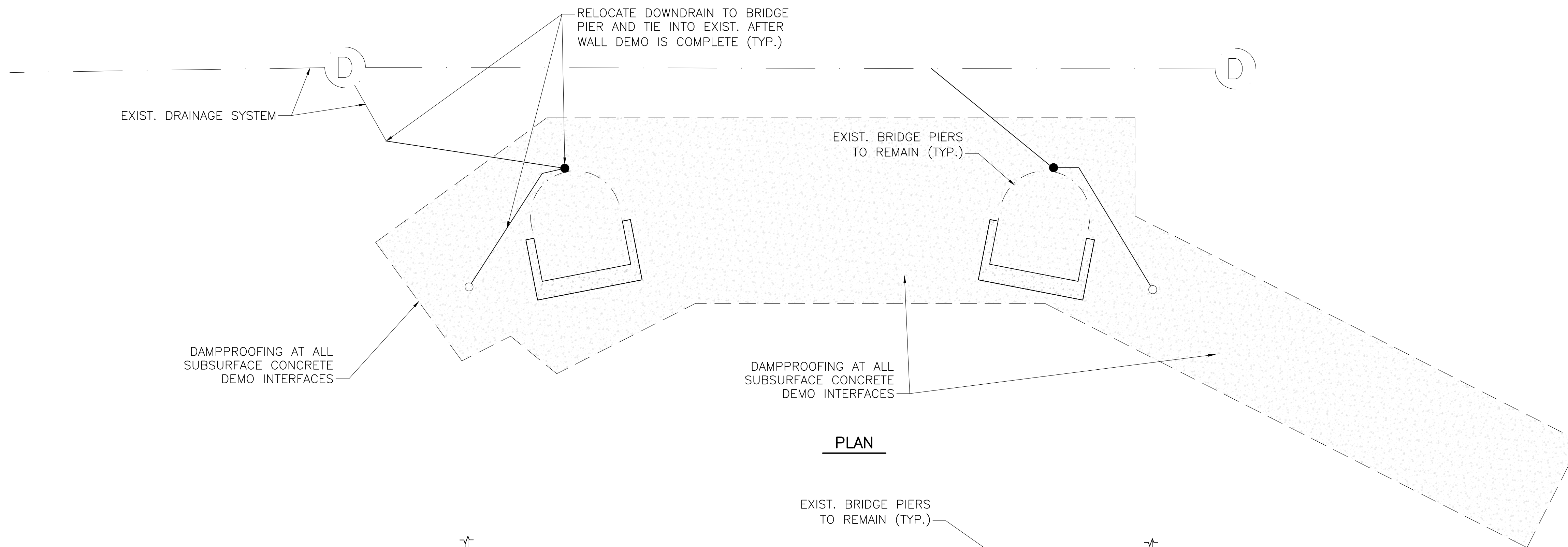
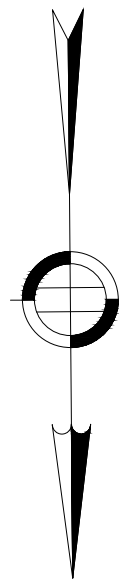


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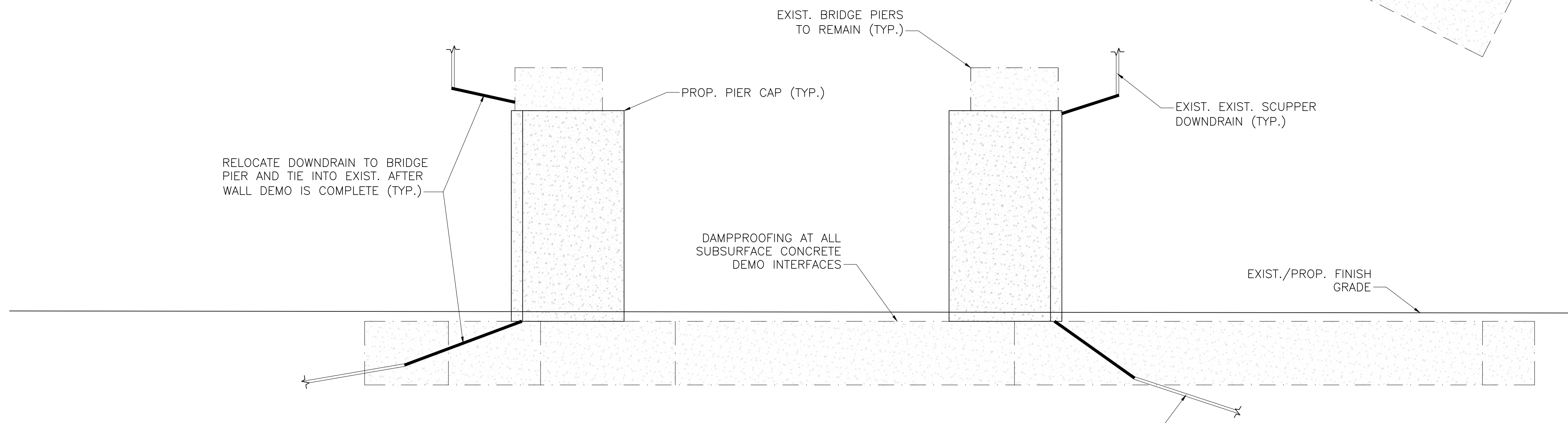
**COMMONWEALTH OF MASSACHUSETTS  
 DEPARTMENT OF CONSERVATION AND RECREATION  
 DIVISION OF ENGINEERING AND  
 DIVISION OF PLANNING AND RESOURCE PROTECTION**

**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK  
 BOSTON, MA**

DESIGNER: BDF	NORTH WALL WATER MANAGEMENT	SHEET NO. <b>S-14</b>
CHECKED: SBK		
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022



**PLAN**



**ELEVATION**

**SOUTH WALL WATER MANAGEMENT – PLAN & ELEVATION**

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

- NOTES:**
- EXISTING ELEVATIONS SHOWN ARE IN THE BOSTON CITY BASE VERTICAL DATUM. ALL PROPOSED ELEVATIONS ARE IN NAVD 88 VERTICAL DATUM.
  - RECONSTRUCT NEW DOWNSPOUTS ON PIER COLUMNS PRIOR TO DEMOLISHING WALL, SO DOWNSPOUTS CAN BE QUICKLY SPLICED OVER AND BRIDGE DRAINAGE CAN BE MAINTAINED.

REV.	DATE	DESCRIPTION	BY

Transportation Land Development  
 Environmental Services  
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 Watertown, MA 02472  
 617 924 1770 FAX 617 924 2286

**COMMONWEALTH OF MASSACHUSETTS**  
**DEPARTMENT OF CONSERVATION AND RECREATION**  
**DIVISION OF ENGINEERING AND**  
**DIVISION OF PLANNING AND RESOURCE PROTECTION**

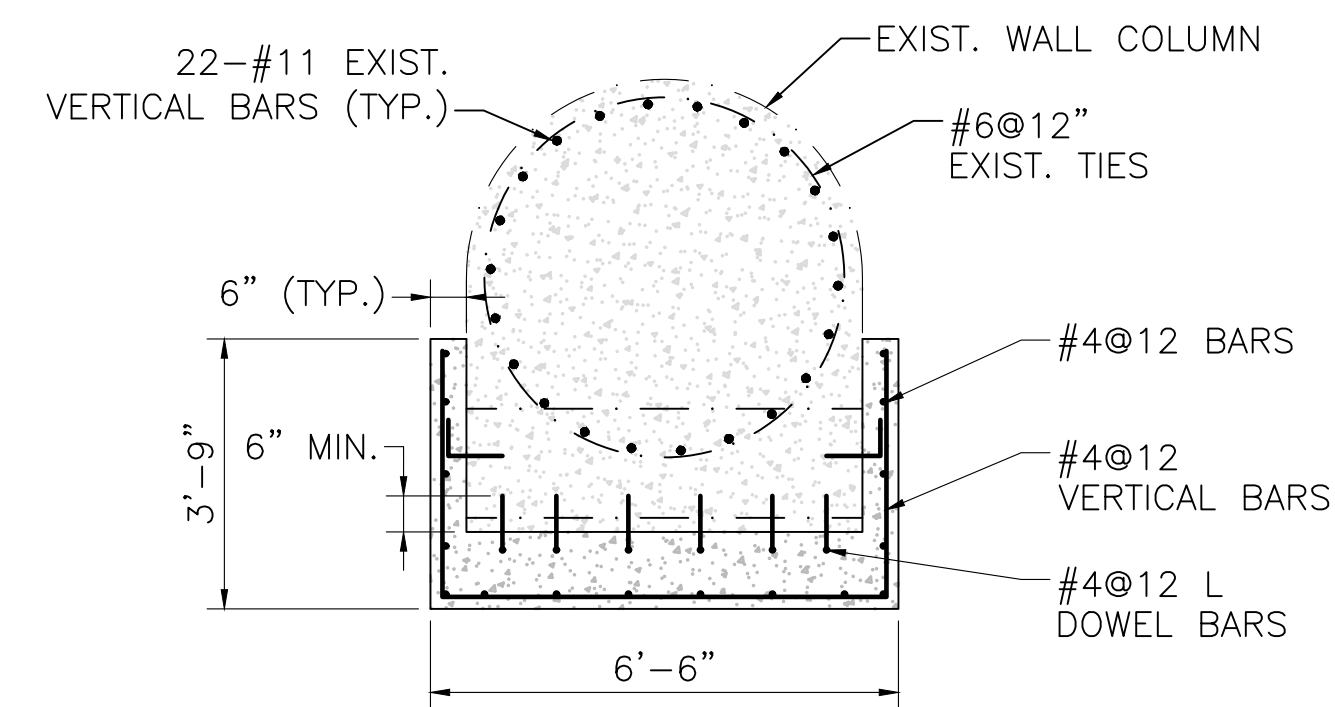
**CHARLESGATE PARK WALL REMOVAL**  
**CHARLESGATE PARK**  
**BOSTON, MA**

DESIGNER: BDF	SOUTH WALL WATER MANAGEMENT	SHEET NO. S-15
CHECKED: SBK		
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

15 OF 16

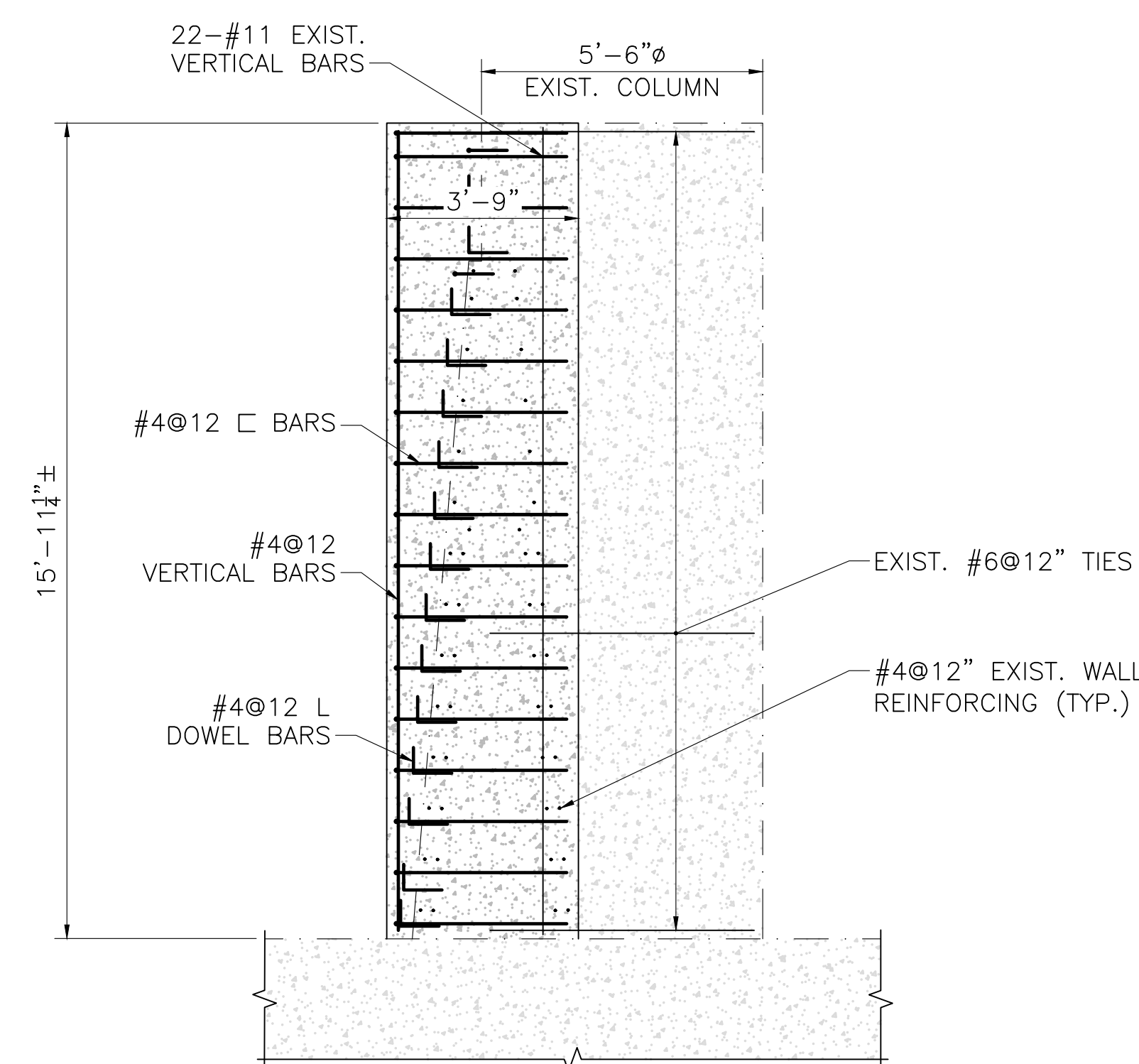
NOTES:

1. EXISTING DIMENSIONS ARE TAKEN FROM RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY SURVEY.
2. BRIDGE DRAINAGE MODIFICATIONS SHOWN ARE SCHEMATIC. CONTRACTOR SHALL DESIGN SPECIFIC DETAILS AND SUBMIT FOR REVIEW AND APPROVAL.



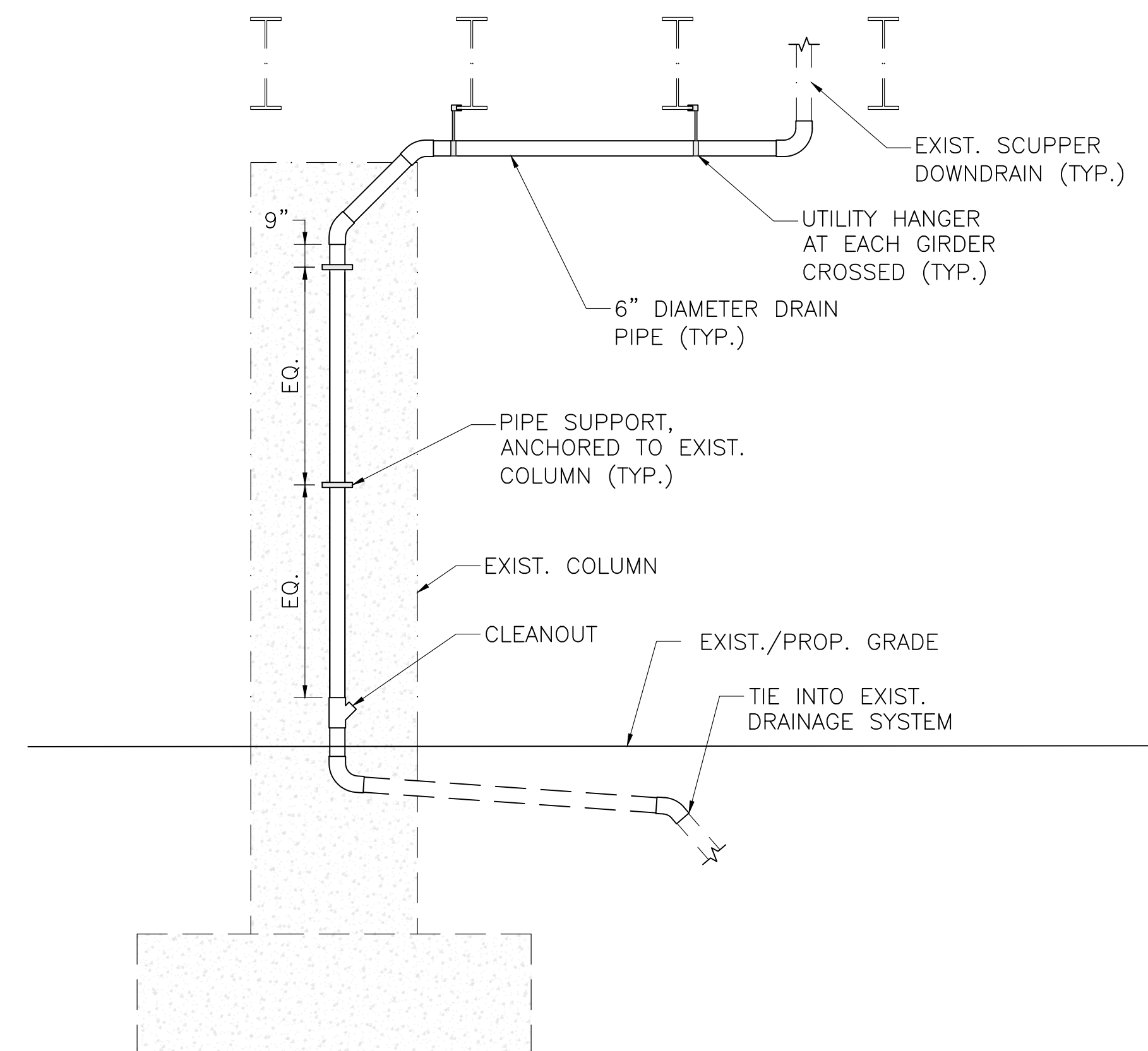
SECTION - SOUTH WALL BRIDGE COLUMN CAP

SCALE:  $\frac{3}{8}$ " = 1'-0"



ELEVATION - SOUTH WALL BRIDGE COLUMN CAP

SCALE:  $\frac{3}{8}$ " = 1'-0"



TYPICAL BRIDGE DRAINAGE MODIFICATIONS

SCALE:  $\frac{1}{4}$ " = 1'-0"

REV.	DATE	DESCRIPTION	BY

COMMONWEALTH OF MASSACHUSETTS  
SHANTA B. KELLER  
STRUCTURAL  
No. 91381  
PROFESSIONAL ENGINEER  
1/5/22



Transportation Land Development  
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Watertown, MA 02472  
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**COMMONWEALTH OF MASSACHUSETTS  
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DIVISION OF ENGINEERING AND  
DIVISION OF PLANNING AND RESOURCE PROTECTION**

CHARLES GATE PARK WALL REMOVAL  
CHARLES GATE PARK  
BOSTON, MA

DESIGNER: BDF	<b>STRUCTURAL DETAILS</b>	SHEET NO.
CHECKED: SBK		<b>S-16</b>
DRAWN: BDF	CONT. P21-3434-C1A	SCALE: AS SHOWN
CHECKED: SBK	ACC.	DATE: 1/3/2022

16 OF 16