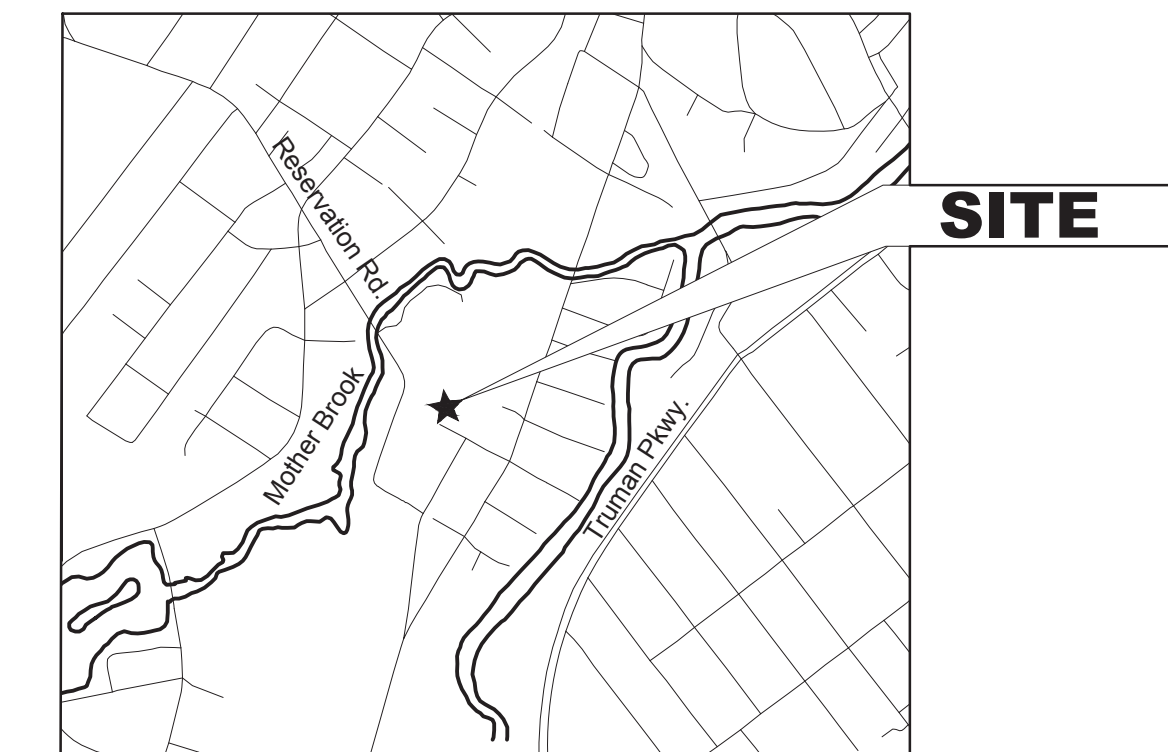


CITY OF BOSTON

THE HONORABLE MARTIN J. WALSH, MAYOR



**LOCATION MAP
RESERVATION ROAD**



DRAWING INDEX

- L1. **COVER SHEET**
- LANDSCAPE PLANS**
- L2. **REFERENCE SITE PLAN**
- L3.1 **EXISTING CONDITIONS PLAN SOUTH**
- L3.2 **EXISTING CONDITIONS PLAN CENTRAL**
- L3.3 **EXISTING CONDITIONS PLAN NORTH**
- L4.0 **RESOURCE AREA IMPACT PLAN**
- L4.1 **SITE PREPARATION PLAN SOUTH**
- L4.2 **SITE PREPARATION PLAN CENTRAL**
- L4.3 **SITE PREPARATION PLAN NORTH**
- L5.1 **LAYOUT, MATERIALS, PLANTING AND GRADING PLAN SOUTH**
- L5.2 **LAYOUT, MATERIALS, PLANTING AND GRADING PLAN CENTRAL**
- L5.3 **LAYOUT, MATERIALS, PLANTING AND GRADING PLAN NORTH**
- L6.1 **DRAINAGE AND UTILITY PLAN CENTRAL**
- L6.2 **DRAINAGE AND UTILITY PLAN NORTH**
- L7. **UTILITY DETAILS 1**
- L8. **UTILITY DETAILS 2**
- L9. **SITE DETAILS 1**
- L10. **SITE DETAILS 2**
- L11. **SITE DETAILS 3**
- L12. **SITE DETAILS 4**

PREPARED BY:

LANDSCAPE ARCHITECT; CIVIL, STRUCTURAL
AND ELECTRICAL ENGINEERS /
PRIME CONSULTANT



SURVEYOR

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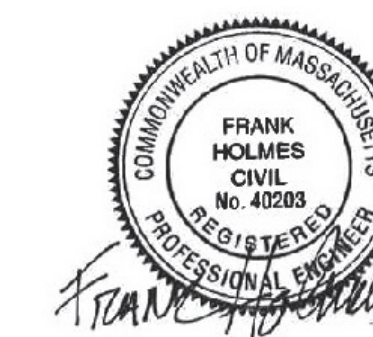
PARKS & RECREATION DEPARTMENT CHRISTOPHER COOK, COMMISSIONER

NOTICE OF INTENT IMPROVEMENTS TO RESERVATION ROAD PARK

**PHASE 2
BOSTON, MASSACHUSETTS**

JUNE 06, 2018

**FUNDED BY THE CITY OF BOSTON CAPITAL
IMPROVEMENT PROGRAM**

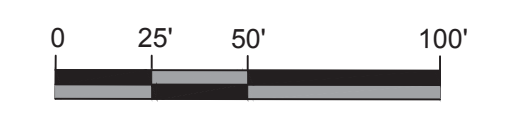
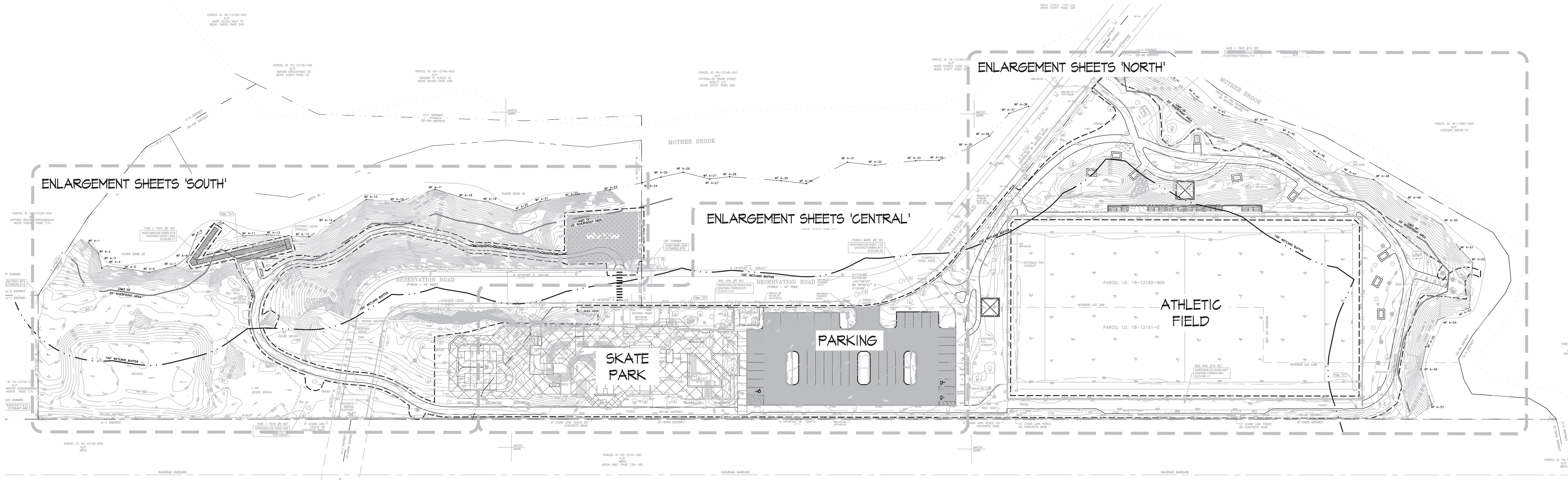


Sheet No.: **L1.**

Sheet Name: **Cover Sheet**

BPRD Project No.	CPR 24233
Date	06/06/2018
Scale	N/A
Drawn	H. BUSKIRK, C. LONG
Checked	K. BEUTTELL

Project Name: **IMPROVEMENTS TO
RESERVATION ROAD PARK**



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Stantec

Consultant
 Project No. 210801455

No.	Date	Revision

Project Name.: **IMPROVEMENTS TO RESERVATION ROAD PARK PHASE 2**
 Hyde Park, Massachusetts

BPRD Project No.	CPR 24233
Date	06/06/2018
Scale	AS SHOWN
Drawn	H. BUSKIRK, C. LONG
Checked	K. BEUTTELL

Sheet Name.: **SITE REFERENCE PLAN**

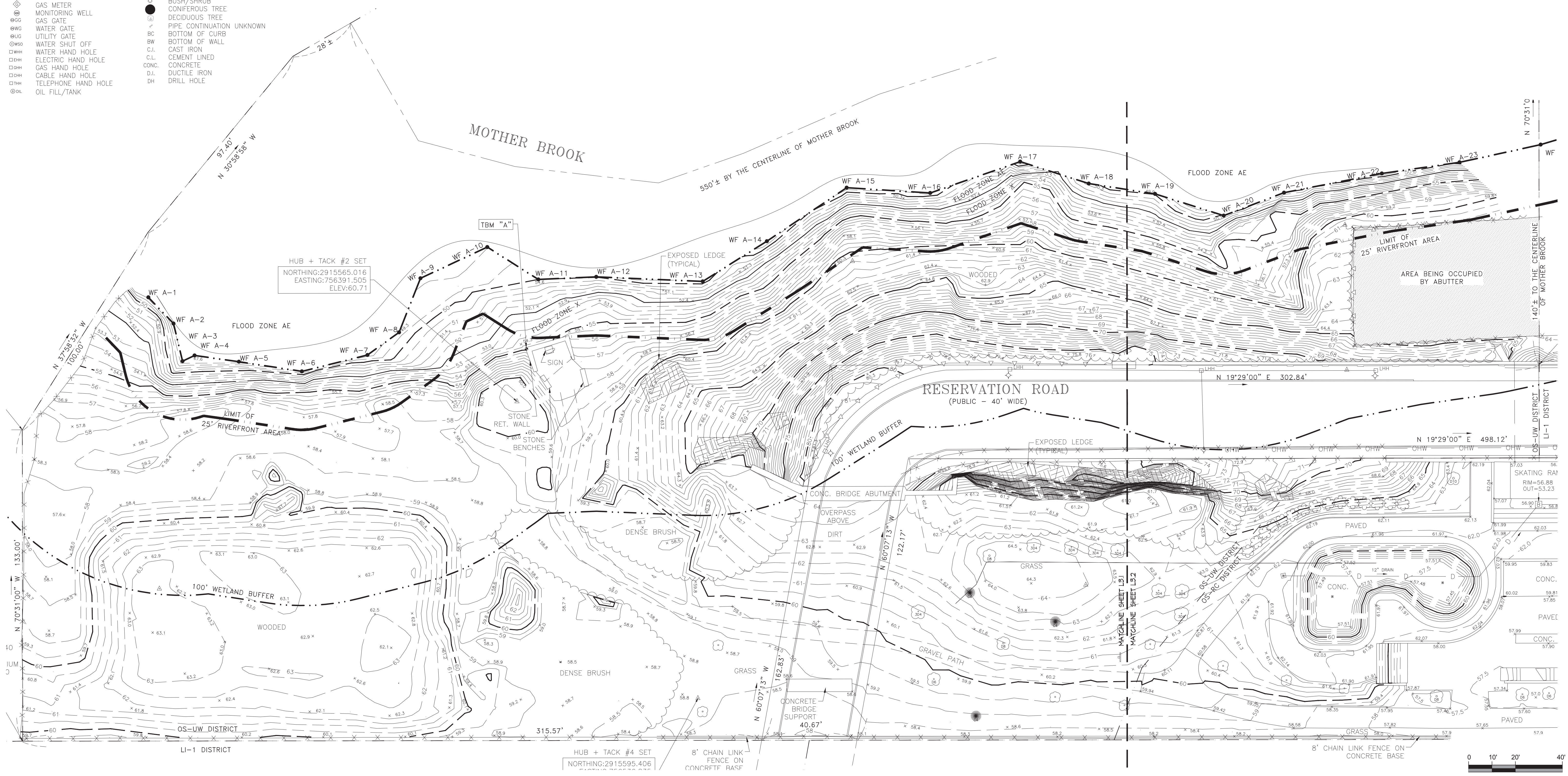
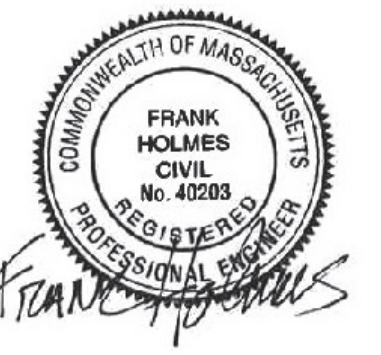
Sheet No.: **L2.**

EXISTING CONDITIONS LEGEND

- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none"> ⊕ STREET SIGN ⊕ FIRE HYDRANT ⊕ FIRE ALARM POLE ⊕ CABLE MANHOLE ⊕ DRAIN MANHOLE ⊕ ELECTRIC MANHOLE ⊕ SEWER MANHOLE ⊕ TELEPHONE MANHOLE ⊕ WATER MANHOLE ⊕ UNKNOWN MANHOLE ⊕ CATCH BASIN ⊕ ELECTRIC BOX/MTR ⊕ CABLE BOX ⊕ CABLE VAULT ⊕ TELEPHONE BOX ⊕ GAS METER ⊕ MONITORING WELL ⊕ GAS GATE ⊕ WATER GATE ⊕ UTILITY GATE ⊕ WATER SHUT OFF ⊕ WATER HAND HOLE ⊕ ELECTRIC HAND HOLE ⊕ GAS HAND HOLE ⊕ CABLE HAND HOLE ⊕ TELEPHONE HAND HOLE ⊕ OIL FILL/TANK | <ul style="list-style-type: none"> ⊕ A/C UNIT ⊕ UTILITY POLE ⊕ LIGHT POLE ⊕ GUY POLE ⊕ GUY WIRE ⊕ YARD LIGHT ⊕ BOUND ⊕ BOUND W/ DRILL HOLE ⊕ BOUND W/ DISK ⊕ DH/IP ⊕ BOULDER ⊕ POST/BOLLARD ⊕ ROOF DRAIN ⊕ PARKING SPOTS ⊕ BUSH/SHRUB ⊕ CONIFEROUS TREE ⊕ DECIDUOUS TREE ⊕ PIPE CONTINUATION UNKNOWN ⊕ BC BOTTOM OF CURB ⊕ BW BOTTOM OF WALL ⊕ C.I. CAST IRON ⊕ C.L. CEMENT LINED CONCRETE ⊕ D.I. DUCTILE IRON ⊕ DH DRILL HOLE | <ul style="list-style-type: none"> D12 12" DECIDUOUS (SIZE VARIES) C12 12" CONIFEROUS (SIZE VARIES) EP EDGE OF PAVEMENT (FD) FOUND GW GUY WIRE IP IRON PIPE L. EL. LANDING ELEVATION LSA LANDSCAPED AREA NPV NO PIPES VISIBLE RCP REINFORCED CONCRETE PIPE | <ul style="list-style-type: none"> RETAINING STONE BOUND DRILL HOLE STONE BOUND X-CUT SLOPED GRANITE CURB THRESHOLD ELEVATION TOP OF CURB TOP OF WALL TACTILE PAD UTILITY POLE VITRIFIED CLAY VERTICAL CONCRETE CURB VERTICAL GRANITE CURB WOOD WROUGHT IRON |
|---|--|--|--|

EXISTING CONDITIONS NOTES

- EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY REED LAND SURVEYING, INC. OF LAKEVILLE, MA, DATED JULY 14, 2017, AND FIELD OBSERVATIONS.



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BPRD Project No. CPR 24233
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 Checked K. BEUTTELL

Sheet Name: **EXISTING CONDITIONS PLAN - SOUTH**

Sheet No.: **L3.1**

EXISTING CONDITIONS LEGEND

- ⊕ STREET SIGN
- ⊕ FIRE HYDRANT
- ⊕ FIRE ALARM POLE
- ⊕ CABLE MANHOLE
- ⊕ DRAIN MANHOLE
- ⊕ ELECTRIC MANHOLE
- ⊕ SEWER MANHOLE
- ⊕ TELEPHONE MANHOLE
- ⊕ WATER MANHOLE
- ⊕ UNKNOWN MANHOLE
- ⊕ CATCH BASIN
- ⊕ ELECTRIC BOX/MTR
- ⊕ CABLE VAULT
- ⊕ TELEPHONE BOX
- ⊕ GAS METER
- ⊕ MONITORING WELL
- ⊕ GAS GATE
- ⊕ WATER GATE
- ⊕ UTILITY GATE
- ⊕ WATER SHUT OFF
- ⊕ WATER HAND HOLE
- ⊕ ELECTRIC HAND HOLE
- ⊕ GAS HAND HOLE
- ⊕ CABLE HAND HOLE
- ⊕ TELEPHONE HAND HOLE
- ⊕ OIL FILL/TANK

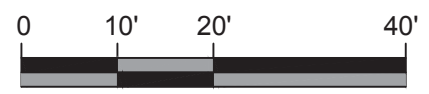
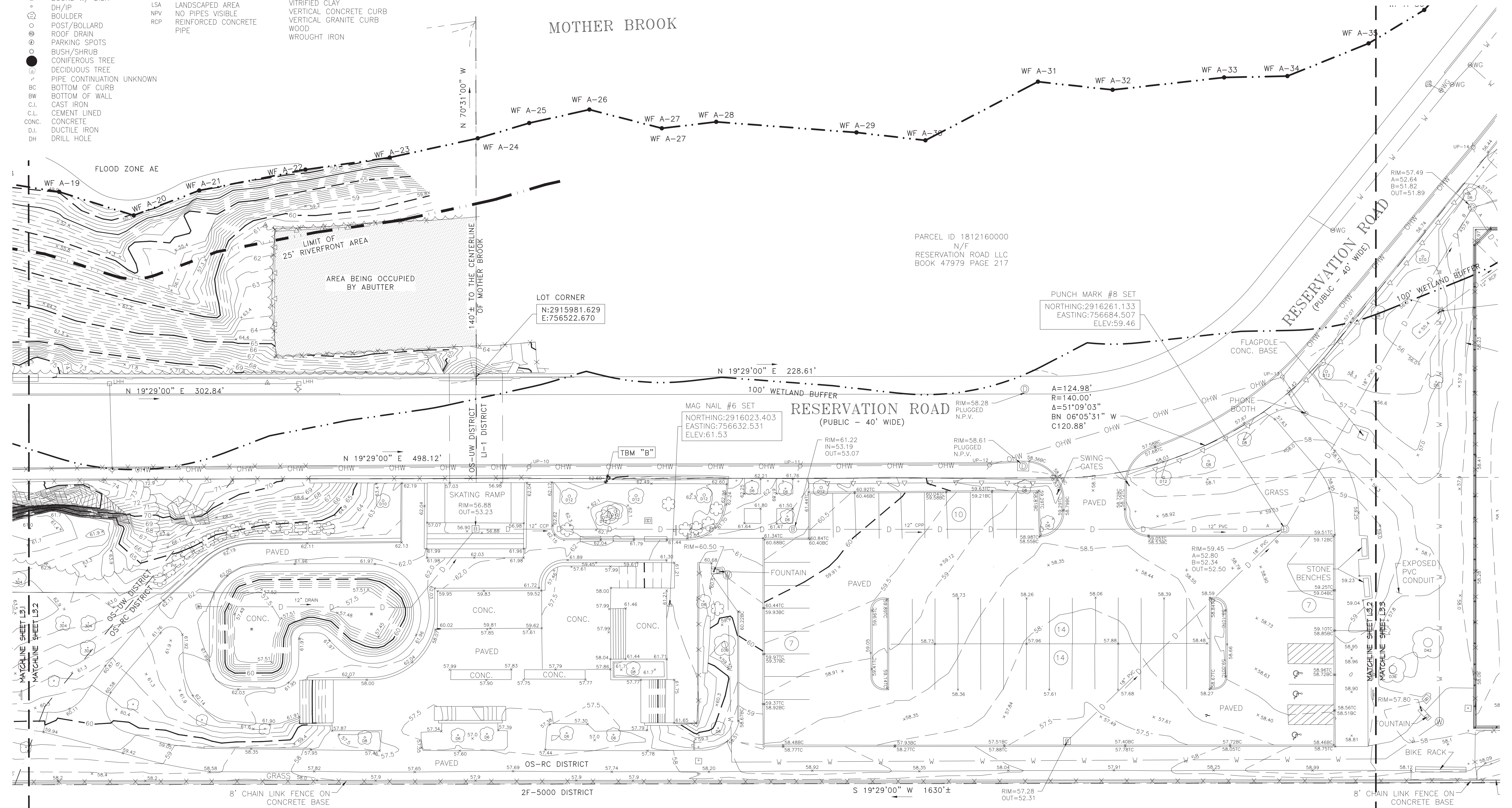
- ⊕ A/C UNIT
- ⊕ UTILITY POLE
- ⊕ LIGHT POLE
- ⊕ GUY POLE
- ⊕ GUY WIRE
- ⊕ YARD LIGHT
- ⊕ BOUND
- ⊕ BOUND W/ DRILL HOLE
- ⊕ BOUND W/ DISK
- ⊕ DH/IP
- ⊕ BOULDER
- ⊕ POST/BOLLARD
- ⊕ ROOF DRAIN
- ⊕ PARKING SPOTS
- ⊕ BUSH/SHRUB
- ⊕ CONIFEROUS TREE
- ⊕ DECIDUOUS TREE
- ⊕ PIPE CONTINUATION UNKNOWN
- ⊕ BOTTOM OF CURB
- ⊕ BOTTOM OF WALL
- ⊕ C.I.
- ⊕ CEMENT LINED
- ⊕ CONCRETE
- ⊕ DUCTILE IRON
- ⊕ DRILL HOLE

- D12 12" DECIDUOUS (SIZE VARIES)
- C12 12" CONIFEROUS (SIZE VARIES)
- EP EDGE OF PAVEMENT
- (FD) FOUND
- GW GUY WIRE
- IP IRON PIPE
- L. EL. LANDING ELEVATION
- LSA LANDSCAPED AREA
- NPV NO PIPES VISIBLE
- RCP REINFORCED CONCRETE PIPE

- RETAINING
- STONE BOUND DRILL HOLE
- STONE BOUND X-CUT
- SLOPED GRANITE CURB
- THRESHOLD ELEVATION
- TOP OF CURB
- TOP OF WALL
- TACTILE PAD
- UTILITY POLE
- VITRIFIED CLAY
- VERTICAL CONCRETE CURB
- VERTICAL GRANITE CURB
- WOOD
- WROUGHT IRON

EXISTING CONDITIONS NOTES

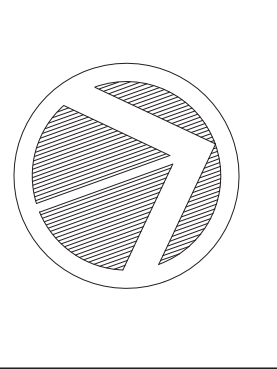
1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY REED LAND SURVEYING, INC. OF LAKEVILLE, MA, DATED JULY 14, 2017, AND FIELD OBSERVATIONS.



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Consultant Project No. 210801455



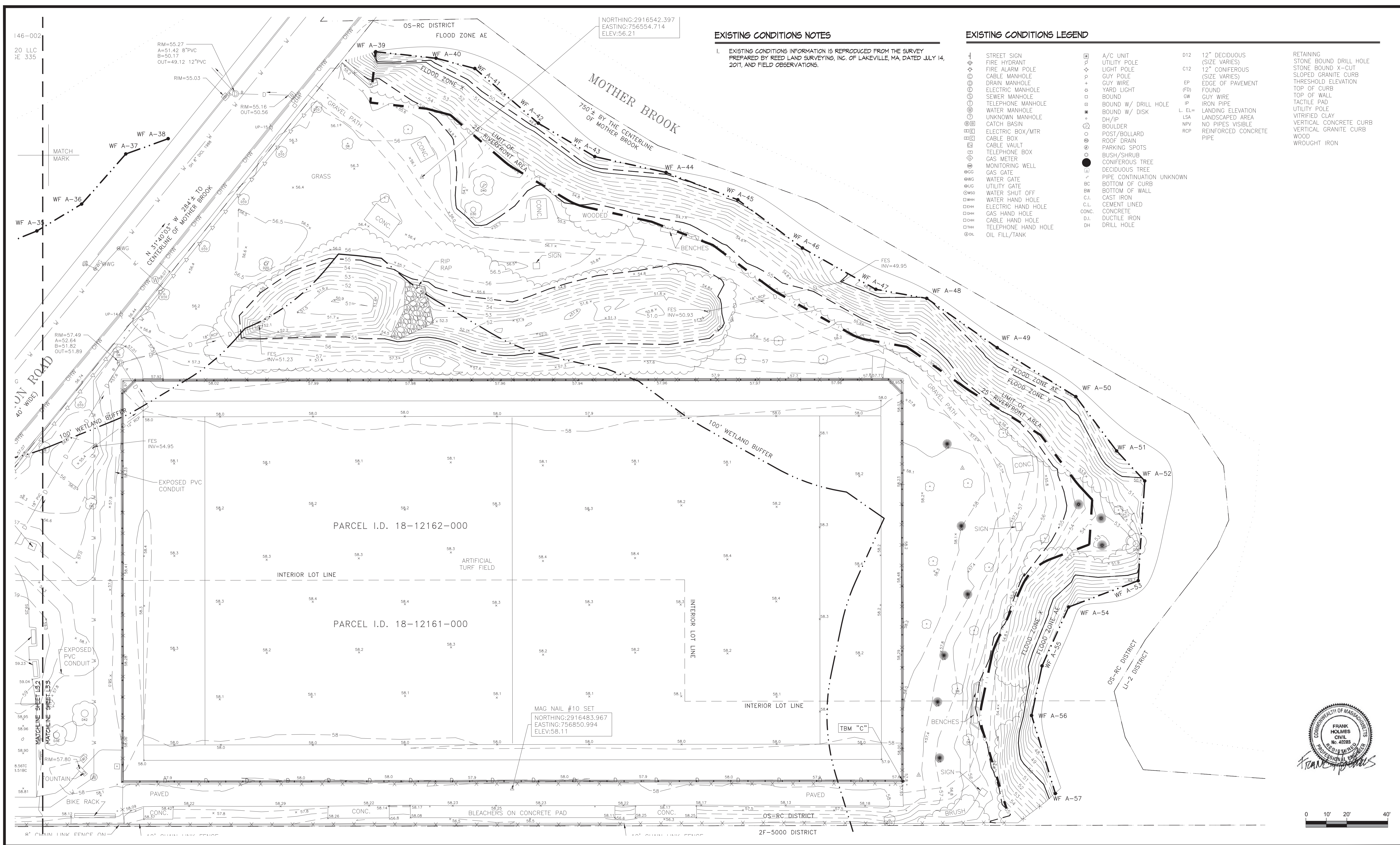
No.	Date	Revision

Project Name.: **IMPROVEMENTS TO RESERVATION ROAD PARK PHASE 2**
 Hyde Park, Massachusetts

BPRD Project No.	CPR 24233
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Drawn	H. BUSKIRK, C. LONG
Checked	K. BEUTTELL

Sheet Name.: **EXISTING CONDITIONS PLAN - CENTRAL**

Sheet No.: **L3.2**

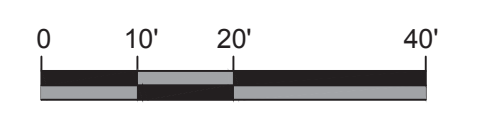


EXISTING CONDITIONS NOTES

1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY REED LAND SURVEYING, INC. OF LAKEVILLE, MA, DATED JULY 14, 2017, AND FIELD OBSERVATIONS.

EXISTING CONDITIONS LEGEND

- | | | | |
|-----------------------|-----------------------------|----------------------------------|--------------------------|
| ④ STREET SIGN | ⊠ A/C UNIT | D12 12" DECIDUOUS (SIZE VARIES) | RETAINING WALL |
| ⊕ FIRE HYDRANT | ⊖ UTILITY POLE | C12 12" CONIFEROUS (SIZE VARIES) | STONE BOUND X-CUT |
| ⊕ FIRE ALARM POLE | ⊖ LIGHT POLE | EP EDGE OF PAVEMENT | SLOPED GRANITE CURB |
| ⊕ CABLE MANHOLE | ⊖ GUY POLE | ⊕ YARD LIGHT | THRESHOLD ELEVATION |
| ⊕ DRAIN MANHOLE | ⊖ GUY WIRE | ⊕ BOUND | TOP OF CURB |
| ⊕ ELECTRIC MANHOLE | ⊖ BOUND W/ DRILL HOLE | ⊕ BOUND W/ DISK | TOP OF WALL |
| ⊕ SEWER MANHOLE | ⊖ BOUND W/ DISK | ⊕ BOULDER | UTILITY POLE |
| ⊕ TELEPHONE MANHOLE | ⊖ DH/IP | ⊕ POST/BOLLARD | VITRIFIED CLAY |
| ⊕ WATER MANHOLE | ⊖ BOULDER | ⊕ CABLE VAULT | LANDSCAPED AREA |
| ⊕ UNKNOWN MANHOLE | ⊖ DH/IP | ⊕ TELEPHONE BOX | NO PIPES VISIBLE |
| ⊕ CATCH BASIN | ⊖ BOULDER | ⊕ GAS METER | REINFORCED CONCRETE PIPE |
| ⊕ ELECTRIC BOX/MTR | ⊖ POST/BOLLARD | ⊕ MONITORING WELL | |
| ⊕ CABLE BOX | ⊖ ROOF DRAIN | ⊕ GAS GATE | |
| ⊕ TELEPHONE BOX | ⊖ PARKING SPOTS | ⊕ WATER GATE | |
| ⊕ GAS METER | ⊖ BUSH/SHRUB | ⊕ UTILITY GATE | |
| ⊕ MONITORING WELL | ⊖ CONIFEROUS TREE | ⊕ WATER SHUT OFF | |
| ⊕ GAS GATE | ⊖ DECIDUOUS TREE | ⊕ WATER HAND HOLE | |
| ⊕ WATER GATE | ⊖ PIPE CONTINUATION UNKNOWN | ⊕ ELECTRIC HAND HOLE | |
| ⊕ UTILITY GATE | ⊖ BOTTOM OF CURB | ⊕ GAS HAND HOLE | |
| ⊕ WATER SHUT OFF | ⊖ BOTTOM OF WALL | ⊕ CABLE HAND HOLE | |
| ⊕ WATER HAND HOLE | ⊖ CAST IRON | ⊕ TELEPHONE HAND HOLE | |
| ⊕ ELECTRIC HAND HOLE | ⊖ CEMENT LINED | ⊕ OIL FILL/TANK | |
| ⊕ GAS HAND HOLE | ⊖ CONCRETE | | |
| ⊕ CABLE HAND HOLE | ⊖ DUCTILE IRON | | |
| ⊕ TELEPHONE HAND HOLE | ⊖ DRILL HOLE | | |
| ⊕ OIL FILL/TANK | | | |



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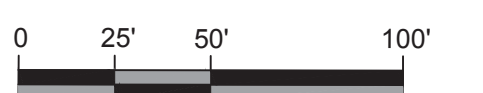
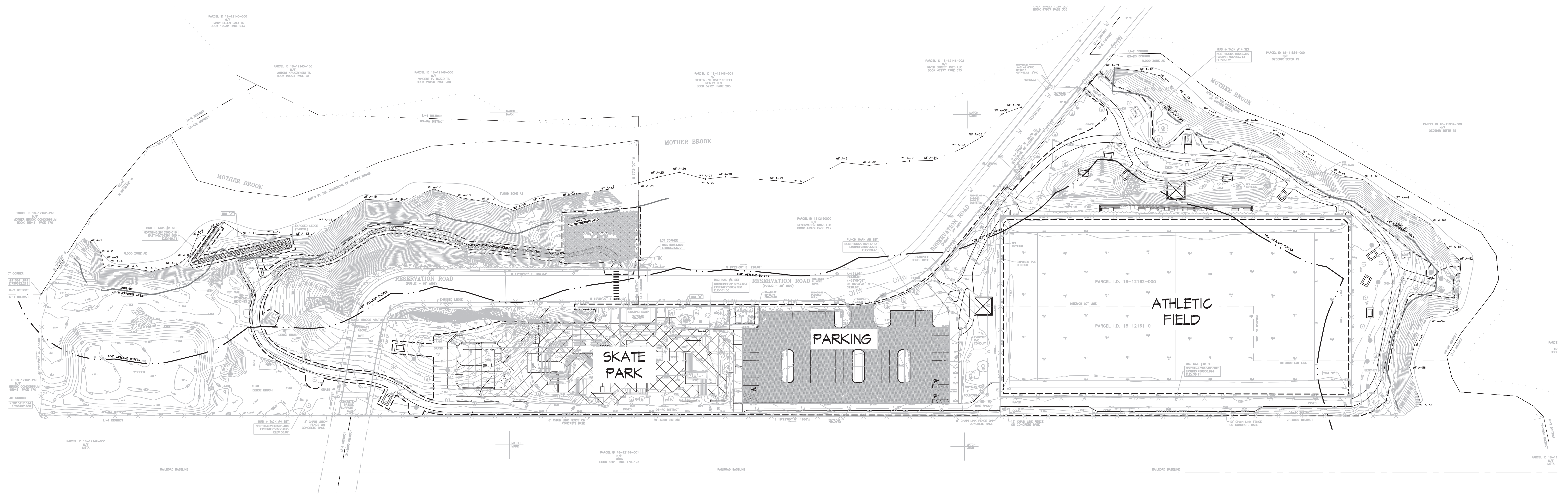
BPRD Project No. CPR 24233
 Date 06/06/2018
 Scale AS SHOWN
 Drawn H. BUSKIRK, C. LONG
 Checked K. BEUTTELL

Sheet Name: **EXISTING CONDITIONS PLAN - NORTH**

Sheet No.: **L3.3**

RESOURCE AREA IMPACTS

1	Total riverfront area within LOW	2050 SF
2	Proposed alteration to riverfront area	1025 SF
3	Temporary disturbance to 25-foot riverfront area (during construction)	2050 SF
4	Temporary disturbance to 100-foot buffer zone (during construction)	18,700 SF
5	Total existing impervious area within 25-foot riverfront area within LOW	100 SF
6	Total proposed impervious area within 25-foot riverfront area within LOW	95 SF
7	Total existing impervious within 100-foot buffer zone within LOW	4590 SF
8	Total proposed impervious within 100-foot buffer zone within LOW	10,995 SF



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Sheet Name.: **RESOURCE AREA IMPACT PLAN**

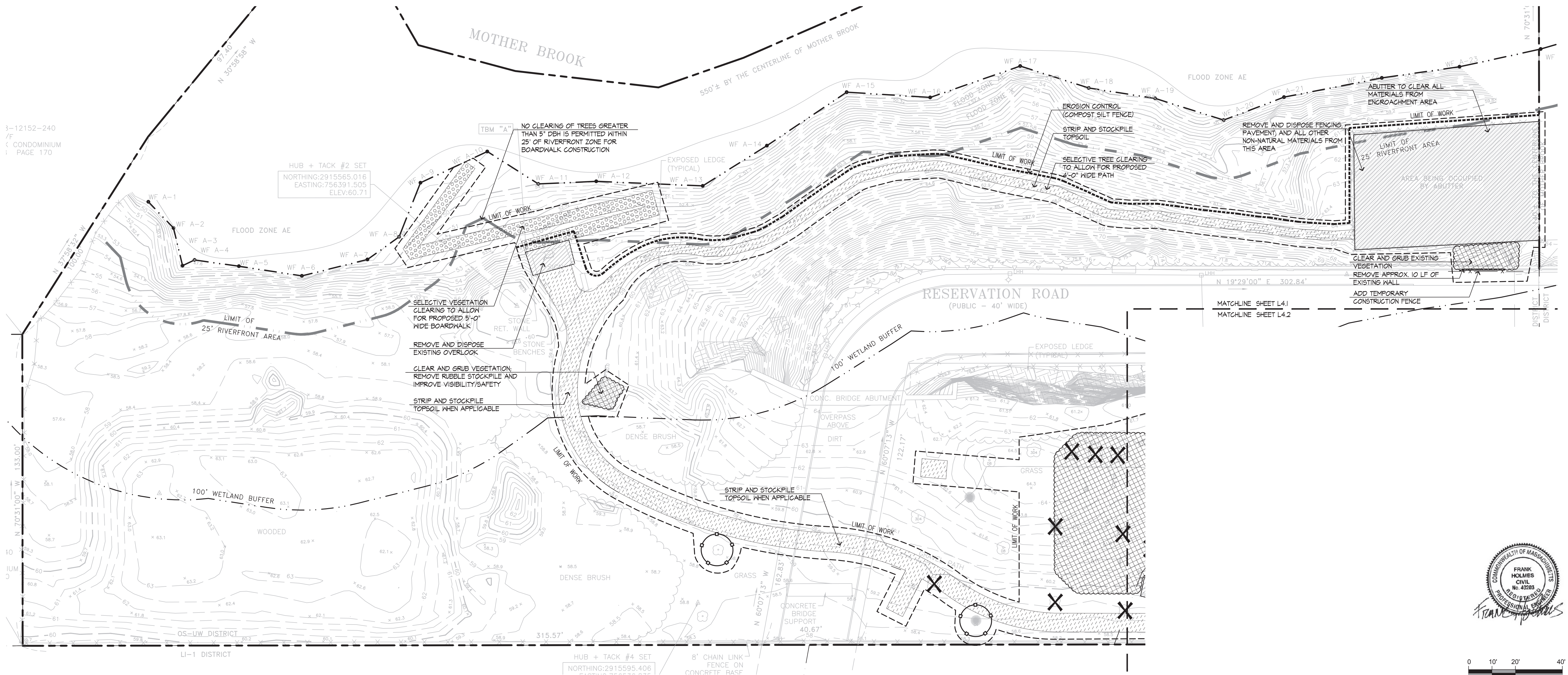
Sheet No.: **L4.0**

LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- - - - WATER FRONT BOUNDARY
- - - - 100' WETLAND BUFFER
- LIMIT OF 25' RIVERFRONT AREA
- 59' --- EXISTING MINOR CONTOUR
- 60' --- EXISTING MAJOR CONTOUR
- EXISTING TREE LINE
- x - x - TEMP CONSTRUCTION FENCE
- CONSTRUCTION ACCESS
- + + + CONSTRUCTION ENTRANCE
- EROSION CONTROL
- X EXISTING TREE TO BE REMOVED
- TREE PROTECTION
- ▨ STRIP AND STOCKPILE TOPSOIL
- ▩ SELECTIVE VEGETATION REMOVAL
- ▧ EXISTING VEGETATION TO BE CLEARED AND GRUBBED
- ▨ BIT. CONC. PAVEMENT REMOVAL
- CURB REMOVAL

SITE PREPARATION NOTES

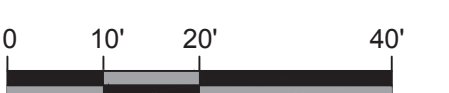
1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY REED LAND SURVEYING INC. OF LAKEVILLE, MA, AND IS DATED JULY 2017.
2. WITHIN THE LIMIT OF THE WORK LINE AS NOTED ON THE SITE PREPARATION PLANS, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS OTHERWISE NOTED.
3. THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED AND WILL REVIEW THE WORK ON SITE WITH THE CONTRACTOR BEFORE ANY WORK SHALL COMMENCE.
4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO CONTRACTOR OPERATIONS.
6. ALL ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
7. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE SURVEY REFERENCED ABOVE. THE CONTRACTOR SHALL CONTACT DISSEAT AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL TRADES.
9. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
10. THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.
11. CONTRACTOR SHALL INSPECT THE EXISTING DRAINAGE SYSTEM WITHIN THE LIMIT OF WORK BEFORE BEGINNING WORK.
12. THE PARKING LOT IS CURRENTLY USED AS A SNOW FARM. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF THE SNOW IN THE PARKING LOT WITHIN THE LIMIT OF WORK.



3-12152-240
 F/ CONDOMINIUM
 1 PAGE 170

HUB + TACK #2 SET
 NORTHING:2915565.016
 EASTING:756391.505
 ELEV:60.71

HUB + TACK #4 SET
 NORTHING:2915595.406



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Consultant Project No. 210801455

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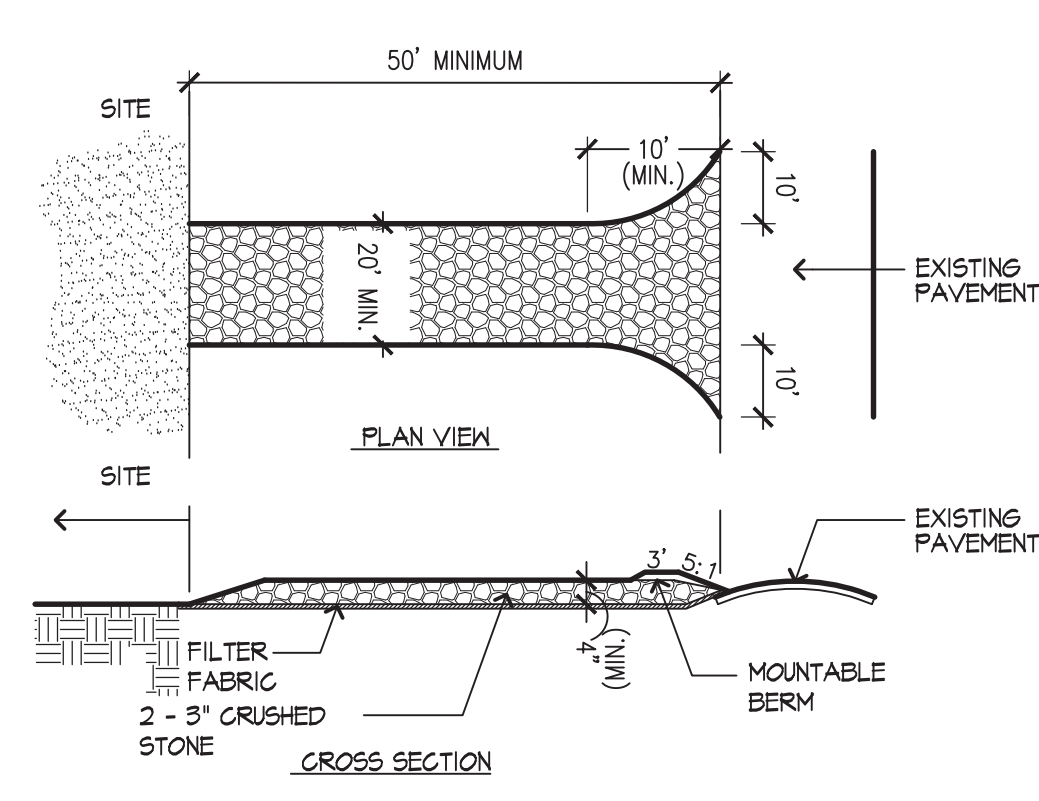
BPRD Project No.	CPR 24233
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Scale	AS SHOWN
Drawn	H. BUSKIRK, C. LONG
Checked	K. BEUTTELL

Sheet Name: **SITE PREPARATION AND DEMOLITION PLAN - SOUTH**

Sheet No.: **L4.1**

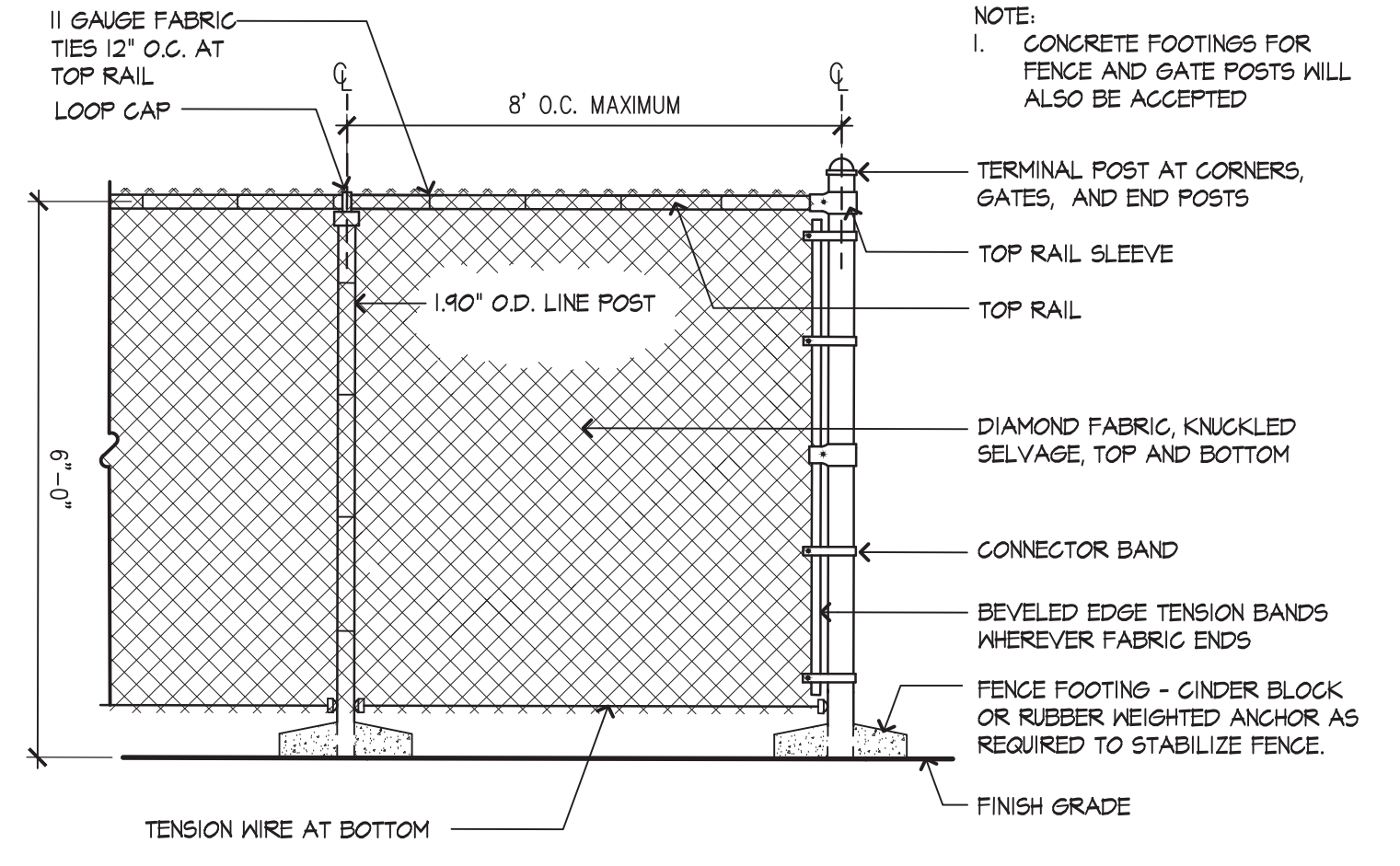
LEGEND

	LIMIT OF WORK		TREE PROTECTION
	PROPERTY LINE		STRIP AND STOCKPILE TOPSOIL
	WATER FRONT BOUNDARY		SELECTIVE VEGETATION REMOVAL
	100' WETLAND BUFFER		EXISTING VEGETATION TO BE CLEARED AND GRUBBED
	LIMIT OF 25' RIVERFRONT AREA		BIT. CONC. PAVEMENT REMOVAL
	59' EXISTING MINOR CONTOUR		CURB REMOVAL
	60' EXISTING MAJOR CONTOUR		
	EXISTING TREE LINE		
	TEMP CONSTRUCTION FENCE		
	CONSTRUCTION ACCESS		
	CONSTRUCTION ENTRANCE		
	EROSION CONTROL		
	EXISTING TREE TO BE REMOVED		



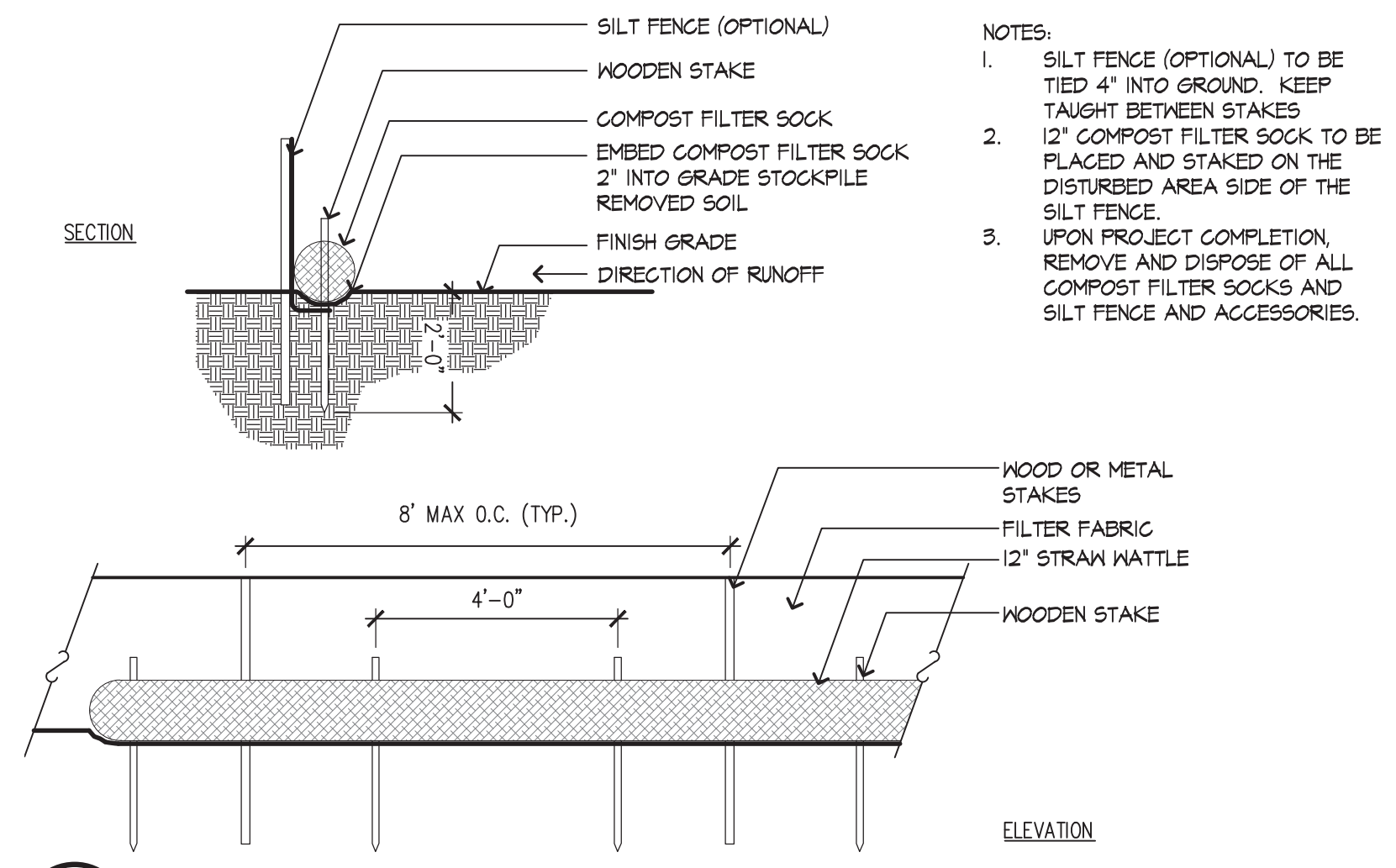
1 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

NOTES:
1. ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDED ROCK. A STOCKPILE OF ROCK MATERIAL WILL BE MAINTAINED ON THE SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PUBLIC ROADWAYS WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.



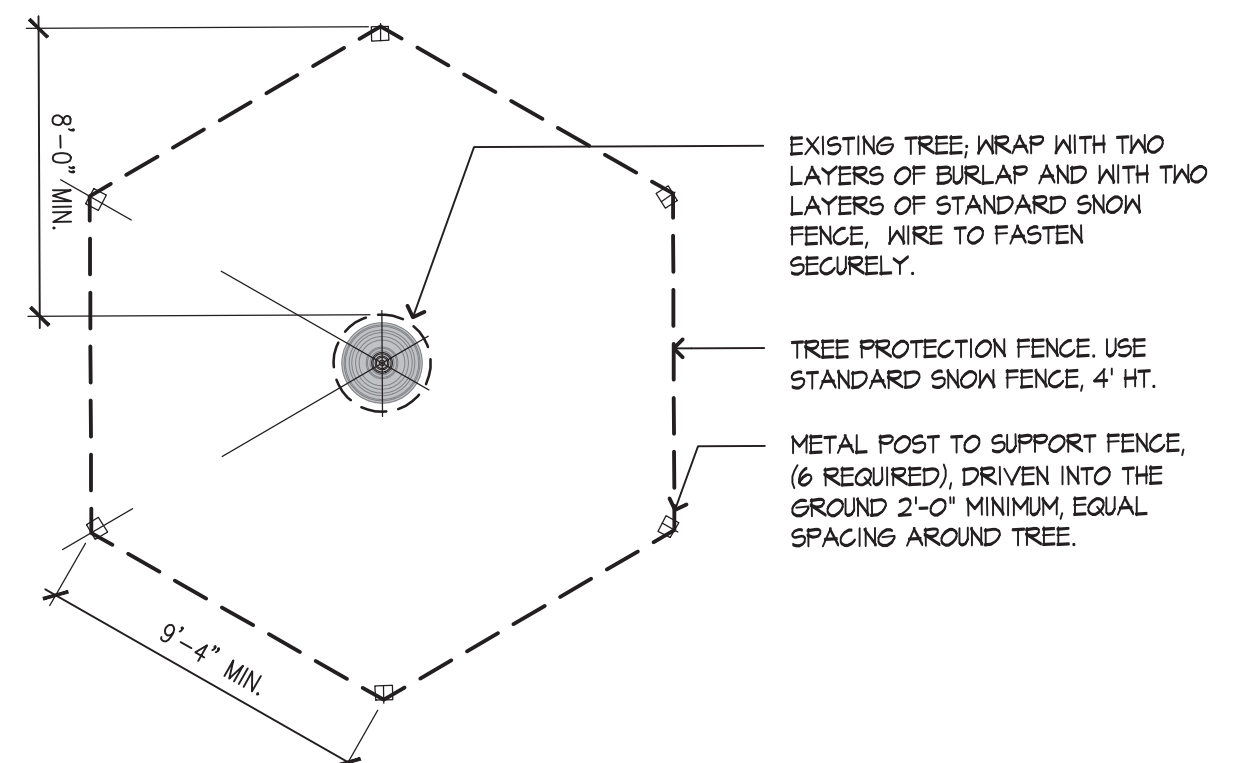
2 TEMPORARY CONSTRUCTION FENCE
NOT TO SCALE

NOTE:
1. CONCRETE FOOTINGS FOR FENCE AND GATE POSTS WILL ALSO BE ACCEPTED



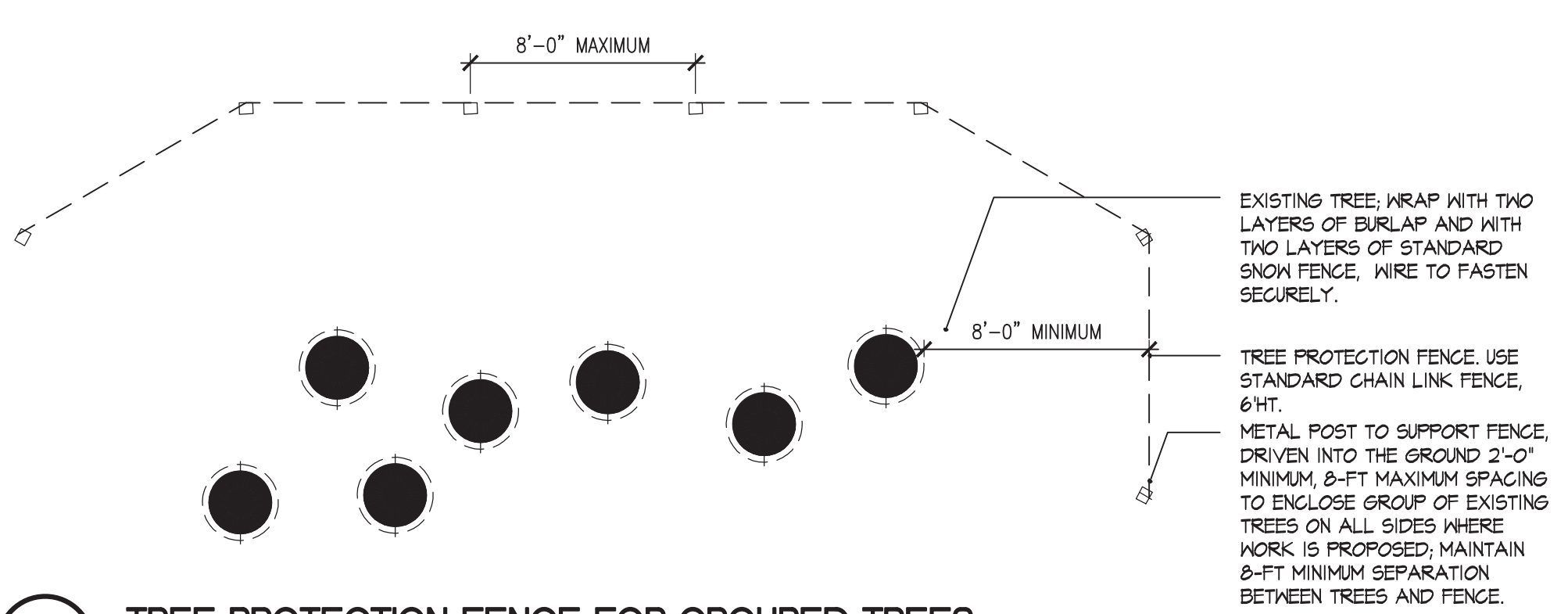
3 EROSION CONTROL
NOT TO SCALE

NOTES:
1. SILT FENCE (OPTIONAL) TO BE TIED 4" INTO GROUND. KEEP TAUGHT BETWEEN STAKES.
2. 12" COMPOST FILTER SOCK TO BE PLACED AND STAKED ON THE DISTURBED AREA SIDE OF THE SILT FENCE.
3. UPON PROJECT COMPLETION, REMOVE AND DISPOSE OF ALL COMPOST FILTER SOCKS AND SILT FENCE AND ACCESSORIES.



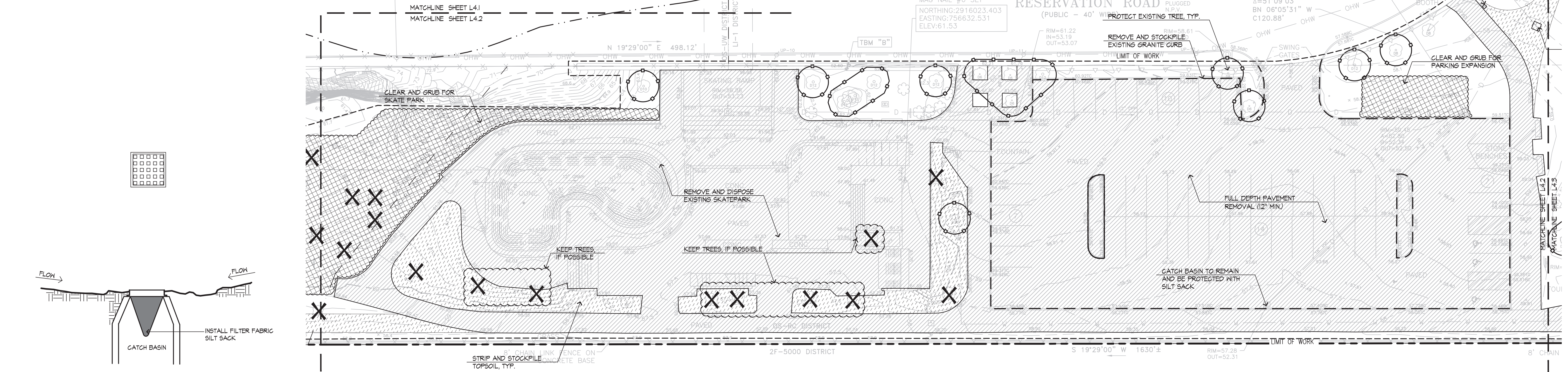
4 TREE PROTECTION FENCE
NOT TO SCALE

EXISTING TREE, WRAP WITH TWO LAYERS OF BURLAP AND WITH TWO LAYERS OF STANDARD SNOW FENCE, WIRE TO FASTEN SECURELY.
TREE PROTECTION FENCE, USE STANDARD SNOW FENCE, 4' HT.
METAL POST TO SUPPORT FENCE, (6 REQUIRED), DRIVEN INTO THE GROUND 2'-0" MINIMUM, EQUAL SPACING AROUND TREE.



5 TREE PROTECTION FENCE FOR GROUPED TREES
NOT TO SCALE

EXISTING TREE, WRAP WITH TWO LAYERS OF BURLAP AND WITH TWO LAYERS OF STANDARD SNOW FENCE, WIRE TO FASTEN SECURELY.
TREE PROTECTION FENCE, USE STANDARD CHAIN LINK FENCE, 6' HT.
METAL POST TO SUPPORT FENCE, DRIVEN INTO THE GROUND 2'-0" MINIMUM, 8-FT MAXIMUM SPACING TO ENCLOSE GROUP OF EXISTING TREES ON ALL SIDES WHERE WORK IS PROPOSED; MAINTAIN 8-FT MINIMUM SEPARATION BETWEEN TREES AND FENCE.



6 CATCHBASIN WITH SILT SACK PROTECTION
NOT TO SCALE

INSTALL FILTER FABRIC SILT SACK

7 SITE PREPARATION AND DEMOLITION PLAN - CENTRAL



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Consultant Project No. 210801455

No.	Date	Revision

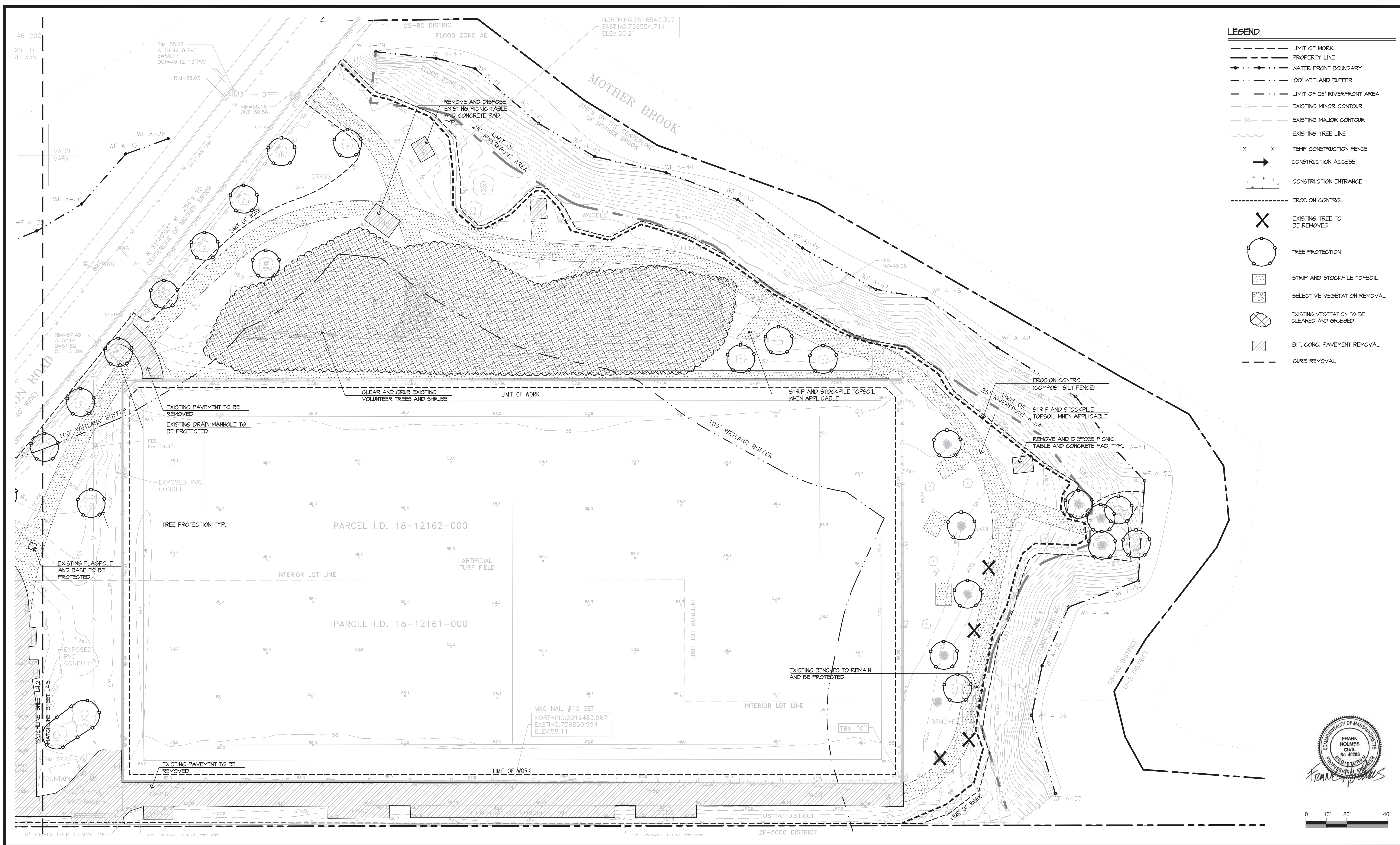
Project Name.: **IMPROVEMENTS TO RESERVATION ROAD PARK PHASE 2**
Hyde Park, Massachusetts

BPRD Project No.	CPR 24233
Date	06/06/2018
Scale	AS SHOWN
Drawn	H. BUSKIRK, C. LONG
Checked	K. BEUTTELL

Sheet Name.: **SITE PREPARATION AND DEMOLITION PLAN - CENTRAL**

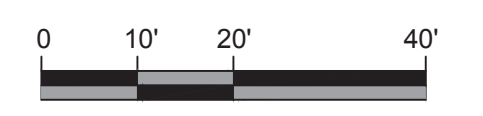
Sheet No.: **L4.2**





LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- - - WATER FRONT BOUNDARY
- - - 100' WETLAND BUFFER
- - - 25' WETLAND BUFFER
- - - LIMIT OF 25' RIVERFRONT AREA
- - - EXISTING MINOR CONTOUR
- - - EXISTING MAJOR CONTOUR
- - - EXISTING TREE LINE
- x - x - TEMP CONSTRUCTION FENCE
- CONSTRUCTION ACCESS
- CONSTRUCTION ENTRANCE
- EROSION CONTROL
- ✕ EXISTING TREE TO BE REMOVED
- TREE PROTECTION
- ▨ STRIP AND STOCKPILE TOPSOIL
- ▨ SELECTIVE VEGETATION REMOVAL
- ▨ EXISTING VEGETATION TO BE CLEARED AND GRUBBED
- ▨ BIT. CONC. PAVEMENT REMOVAL
- CURB REMOVAL



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Sheet Name: **SITE PREPARATION AND DEMOLITION PLAN - NORTH**

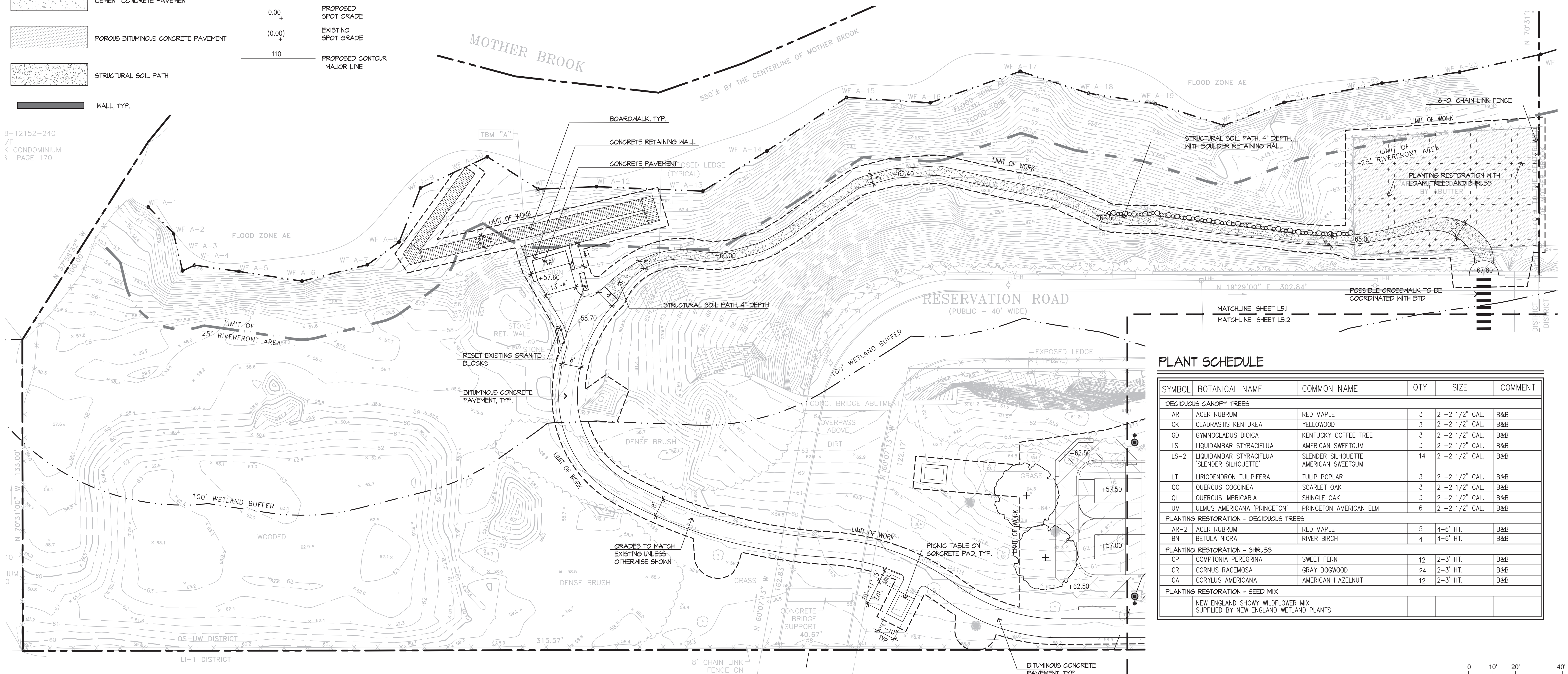
Sheet No.: **L4.3**

LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- WATER FRONT BOUNDARY
- 25' RIVERFRONT AREA
- 100' WETLAND BUFFER
- ⊙ SITE LIGHT, REFER TO ELECTRICAL DRAWINGS
- ⊙ PEDESTRIAN LIGHT, REFER TO ELECTRICAL DRAWINGS
- VGC --- VERTICAL GRANITE CURB
- CEMENT CONCRETE PAVEMENT
- POROUS BITUMINOUS CONCRETE PAVEMENT
- STRUCTURAL SOIL PATH
- WALL, TYP.
- ○ ○ ○ CHAIN LINK FENCE
- EXISTING TREE
- ⊕ DECIDUOUS TREE
- ++++ NATIVE SEED
- 0.00 + PROPOSED SPOT GRADE
- (0.00) + EXISTING SPOT GRADE
- 110 --- PROPOSED CONTOUR MAJOR LINE

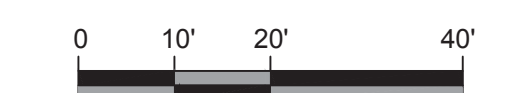
LAYOUT, MATERIALS AND PLANTING NOTES

1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY REED LAND SURVEYING, INC. OF LAKEVILLE, MA, AND IS DATED JULY 14, 2017.
2. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE BASED ON THE SURVEY REFERENCED ABOVE. THE CONTRACTOR SHALL NOTIFY DIGSAFE AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
3. CONTRACTOR(S) SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
4. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO CONSTRUCTION.
5. ALL WORK CONDUCTED WITHIN PUBLIC RIGHT-OF-WAYS SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF THE CITY OF BOSTON AND THE MASSACHUSETTS HIGHWAY DEPARTMENT.
6. THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN: ALL DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING. ALL DIMENSIONS ARE TO FACE OF CURB AT GUTTER LINE. ALL DIMENSIONS ARE TO CENTER OF PAVEMENT MARKINGS. ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.
7. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL WRITTEN ACCEPTANCE OF PLANT MATERIAL.
8. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS AND/OR TRANSPLANTS WITH OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION START.
9. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES, AND PLANTING BEDS.
10. MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
11. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
12. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
13. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
14. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
15. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK, PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
16. PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. FERTILIZER ADDED PER RECOMMENDED RATES OF SOILS ANALYSIS.
17. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
18. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
19. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED WITH A MINIMUM DEPTH OF 6" DEPTH TOPSOIL AND/OR SEEDED.
20. PLANT SPECIES AS INDICATED IN THE PLANT LIST ARE SUGGESTIONS ONLY. FINAL SELECTION OF SPECIES SHALL OCCUR AT THE TIME OF PLANT PURCHASE, DEPENDING ON AVAILABILITY. PLANT SIZE AND QUANTITY SHALL NOT CHANGE WITHOUT APPROVAL OF OWNER'S REPRESENTATIVE.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING THE PROPOSED INSTALLED LAWN AFTER UNTIL CONSTRUCTION HAS BEEN COMPLETED.



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	COMMENT
DECIDUOUS CANOPY TREES					
AR	ACER RUBRUM	RED MAPLE	3	2 - 2 1/2" CAL.	B&B
CK	CLADRASITIS KENTUCKEA	YELLOWWOOD	3	2 - 2 1/2" CAL.	B&B
GD	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	3	2 - 2 1/2" CAL.	B&B
LS	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	3	2 - 2 1/2" CAL.	B&B
LS-2	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SLENDER SILHOUETTE AMERICAN SWEETGUM	14	2 - 2 1/2" CAL.	B&B
LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	3	2 - 2 1/2" CAL.	B&B
QC	QUERCUS COCCINEA	SCARLET OAK	3	2 - 2 1/2" CAL.	B&B
QI	QUERCUS IMBRICARIA	SHINGLE OAK	3	2 - 2 1/2" CAL.	B&B
UM	ULMUS AMERICANA 'PRINCETON'	PRINCETON AMERICAN ELM	6	2 - 2 1/2" CAL.	B&B
PLANTING RESTORATION - DECIDUOUS TREES					
AR-2	ACER RUBRUM	RED MAPLE	5	4-6' HT.	B&B
BN	BETULA NIGRA	RIVER BIRCH	4	4-6' HT.	B&B
PLANTING RESTORATION - SHRUBS					
CP	COMPTONIA PEREGRINA	SWEET FERN	12	2-3' HT.	B&B
CR	CORNUS RACEMOSA	GRAY DOGWOOD	24	2-3' HT.	B&B
CA	CORYLUS AMERICANA	AMERICAN HAZELNUT	12	2-3' HT.	B&B
PLANTING RESTORATION - SEED MIX					
NEW ENGLAND SHOWY WILDFLOWER MIX SUPPLIED BY NEW ENGLAND WETLAND PLANTS					



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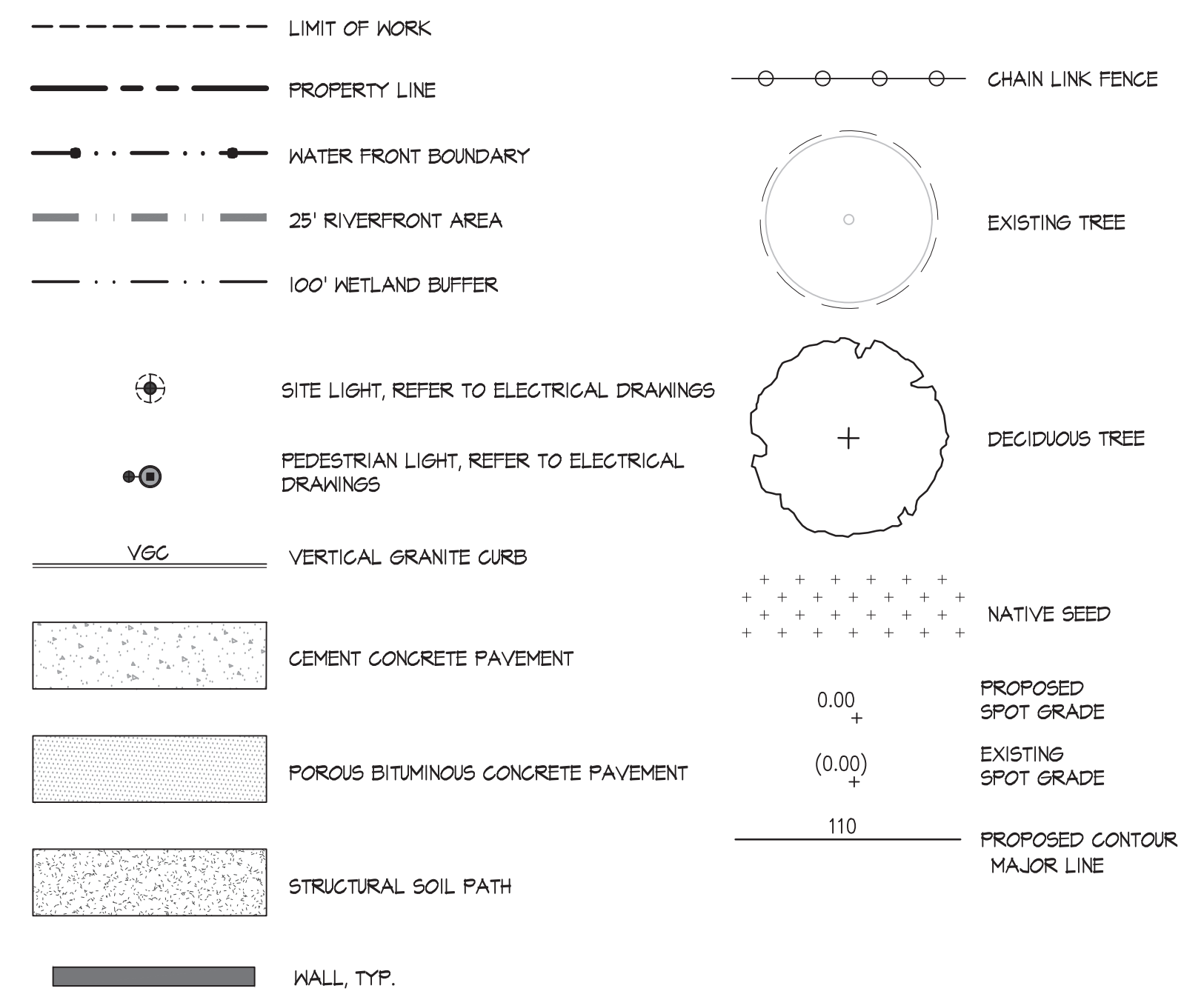
Project Name: **IMPROVEMENTS TO RESERVATION ROAD PARK PHASE 2**
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 Checked K. BEUTTELL

Sheet Name: **LAYOUT, MATERIALS, PLANTING AND GRADING PLAN - SOUTH**

Sheet No.: **L5.1**

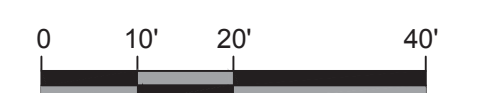
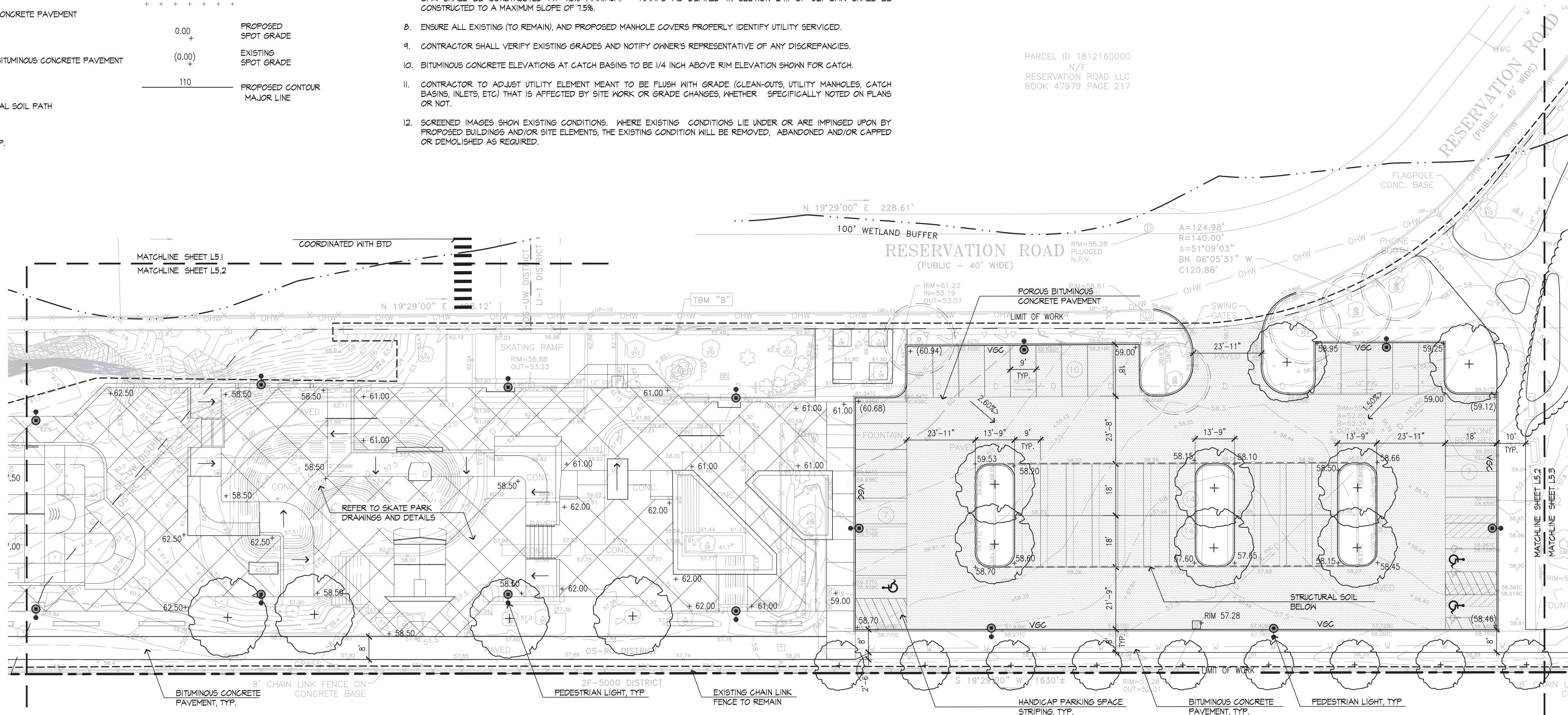
LEGEND



GRADING NOTES

- EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY REED LAND SURVEYING, INC. OF LAKEVILLE, MA, AND IS DATED JULY 2017.
- PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT, BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
- WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES AND PLANTING BEDS.
- MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF 521 CMR OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS. ALL GRADES ON WALKWAYS, RAMPS, CURB CUTS AND PARKING AREAS AS DEFINED BY 521 CMR SHALL COMPLY WITH THE MAXIMUM ALLOWABLE GRADES. GRADES SHALL BE MEASURED AT TWO FOOT INTERVALS. CROSS SLOPES ON ALL WALKS, PATHS OF TRAVEL AND ACCESSIBLE ROUTES AS DEFINED IN 521 CMR SHALL NOT EXCEED 15%. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF DISCREPANCIES ARISE BETWEEN THE ACTUAL GRADES SHOWN ON THE PLANS AND THE MAXIMUM ALLOWABLE GRADES INDICATED IN 521 CMR.
- ALL WALKWAYS SHALL BE GRADED TO A MAXIMUM 4.5% RUNNING SLOPE (PARALLEL TO THE DIRECTION OF TRAVEL). THE CROSS FITCH OF ALL WALKWAYS, PATHS AND PLAZAS SHALL NOT EXCEED 15% (PERPENDICULAR TO THE DIRECTION OF TRAVEL). THE SLOPE OF ALL RAMPS AND SIDE SLOPES OF HANDICAP CURB CUTS AS DEFINED BY SECTION 211 OF 521 CMR SHALL BE CONSTRUCTED AT 15% MAXIMUM. RAMPS AS DEFINED IN SECTION 241 OF 521 CMR SHALL BE CONSTRUCTED TO A MAXIMUM SLOPE OF 15%.
- ENSURE ALL EXISTING (TO REMAIN), AND PROPOSED MANHOLE COVERS PROPERLY IDENTIFY UTILITY SERVICED.
- CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
- BITUMINOUS CONCRETE ELEVATIONS AT CATCH BASINS TO BE 1/4 INCH ABOVE RIM ELEVATION SHOWN FOR CATCH.
- CONTRACTOR TO ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, UTILITY MANHOLES, CATCH BASINS, INLETS, ETC) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
- SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR GAPPED OR DEMOLISHED AS REQUIRED.

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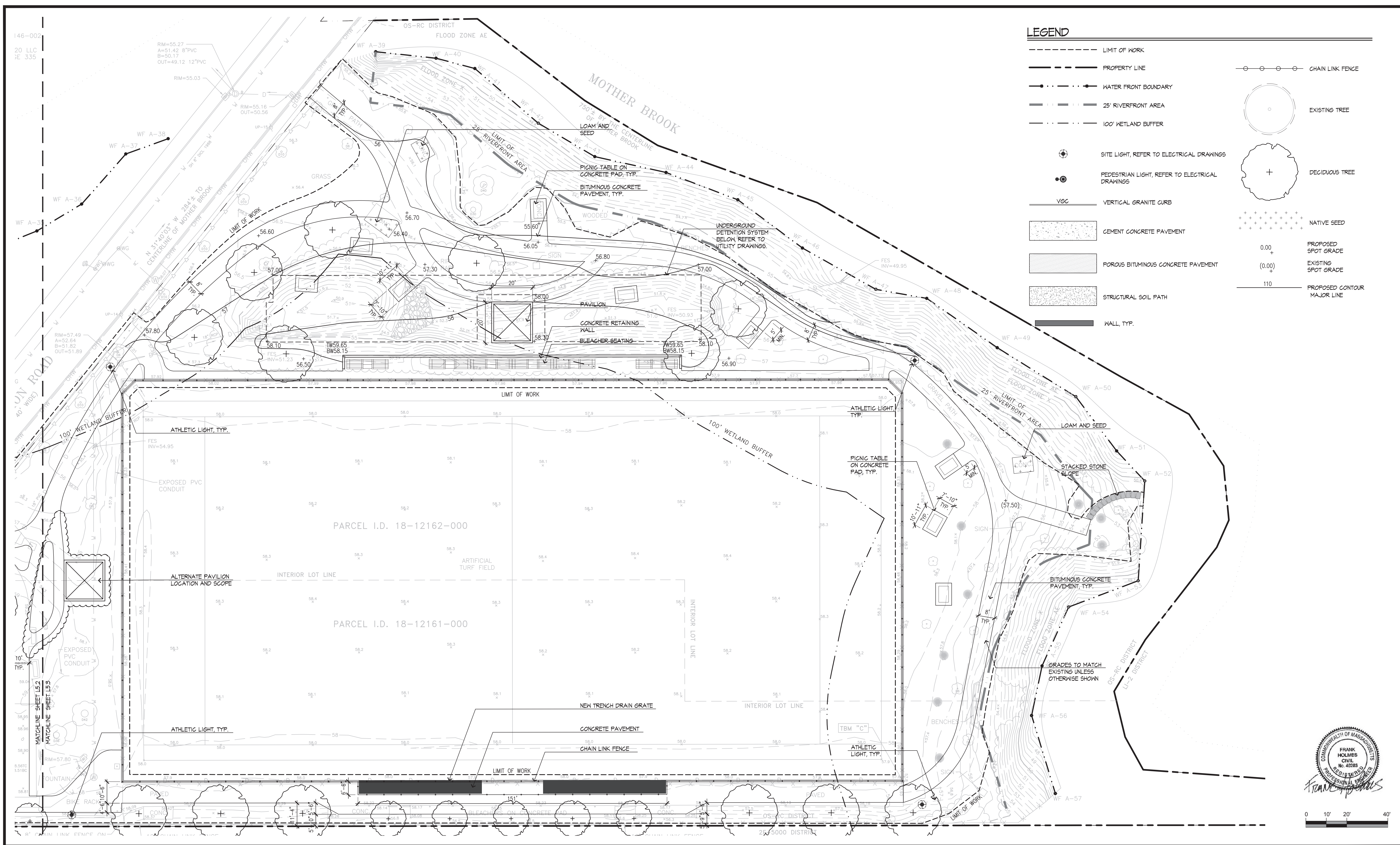
No.	Date	Revision

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Hyde Park, Massachusetts

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Sheet Name.: **LAYOUT, MATERIALS, PLANTING AND GRADING - CENTRAL**

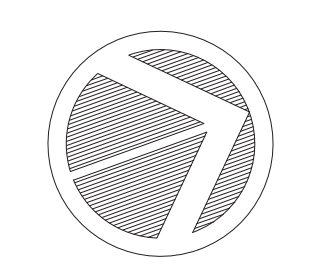
Sheet No.: **L5.2**



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Sheet Name.: **LAYOUT, MATERIALS, PLANTING AND GRADING - NORTH**

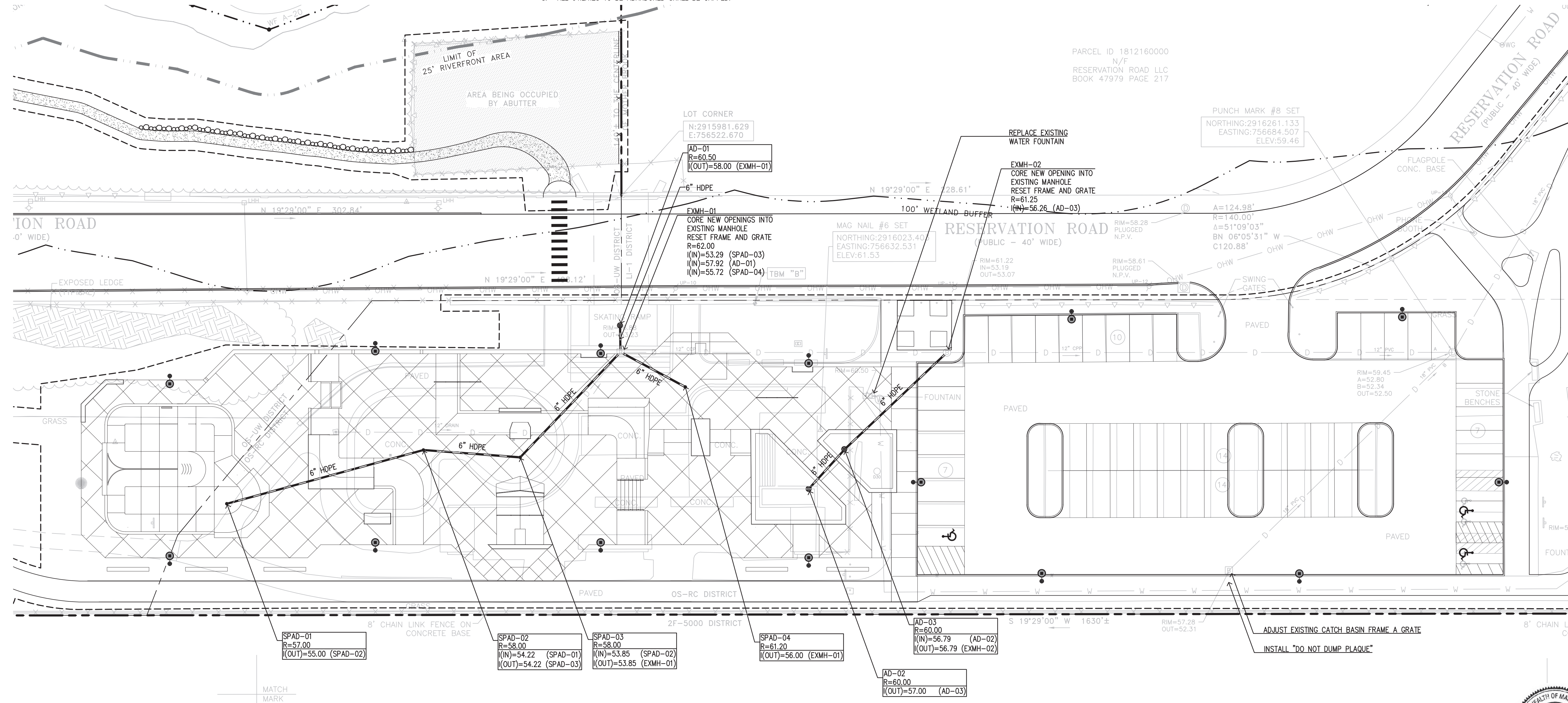
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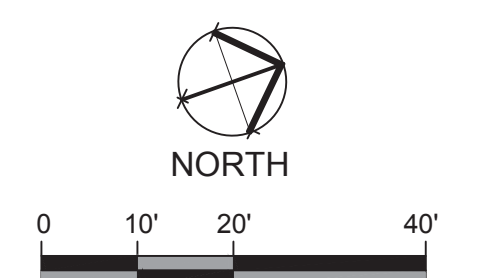
	PROPERTY LINE		SDPE	HIGH-DENSITY POLYETHYLENE
	W		AD	AREA DRAIN
	UNDERDRAIN		MH	MAN HOLE
	SD		EXMH	EXISTING MAN HOLE
	STORM DRAIN LINE		R	RIM ELEVATION
	UGT		I	INVERT ELEVATION
	RAIN GARDEN		SPAD	SKATE PARK AREA DRAIN

UTILITY NOTES

- EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM A SURVEY PREPARED BY REED LAND SURVEYING, INC. OF LAKEVILLE, MASSACHUSETTS, DATED JULY 14, 2017.
- PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT, BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
- 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 AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE 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.
- THE CONTRACTOR SHALL ALTER THE MASONRY OF THE TOP SECTION OF ALL EXISTING DRAINAGE STRUCTURES AS NECESSARY FOR CHANGES IN GRADE, AND RESET ALL WATER AND DRAINAGE FRAMES, GRATES, AND BOXES TO THE PROPOSED FINISH GRADE.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- CONTRACTOR SHALL MAINTAIN, OR ADJUST TO NEW FINISH GRADE, AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS: LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., THAT ARE TO BE MAINTAINED, UNLESS OTHERWISE NOTED OR DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL UTILITIES TO BE ABANDONED SHALL BE CAPPED.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION, AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL ADJUST UTILITY ELEMENTS MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, UTILITY MANHOLES, CATCH BASINS, INLETS, ETC.) THAT ARE AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
- THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRICAL). THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.
- ALL CEMENT LINED DUCTILE IRON JOINTS AND FITTINGS (CLASS 56), VALVES, AND HYDRANT LATERALS SHALL BE MECHANICAL JOINTS WITH NEOPRENE GASKETS, JOINTS AT OTHER LOCATIONS SHALL BE PUSH-ON TYPE WITH NEOPRENE OR SYNTHETIC RUBBER GASKETS. ALL WATER GATES SHALL OPEN AS PER MUNICIPAL REQUIREMENTS. ALL WATER LINES SHALL HAVE A MINIMUM OF 5.0 FEET OF GROUND COVER AND A MINIMUM OF 10 FOOT SEPARATION FROM THE SEWER SYSTEM. AT WATER AND SEWER CROSSINGS, THE WATER LINE SHALL BE ENCASED IN SIX INCHES OF CONCRETE FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF THE CROSSINGS.
- ALL EXISTING AND PROPOSED AREA DRAINS AND CATCH BASINS SHALL INCLUDE A BWSO DON'T DUMP PLAQUE. PLAQUES TO BE FIELD LOCATED ADJACENT TO EACH STRUCTURE. CONTRACTOR TO COORDINATE FIELD LOCATION WITH LANDSCAPE ARCHITECT. TOTAL NUMBER OF BWSO DON'T DUMP PLAQUES = 1.



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PARCEL ID 18-12161-001
N/F
MBTA

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Sheet Name.: **DRAINAGE AND UTILITY PLAN - CENTRAL**

Sheet No.: **L6.1**

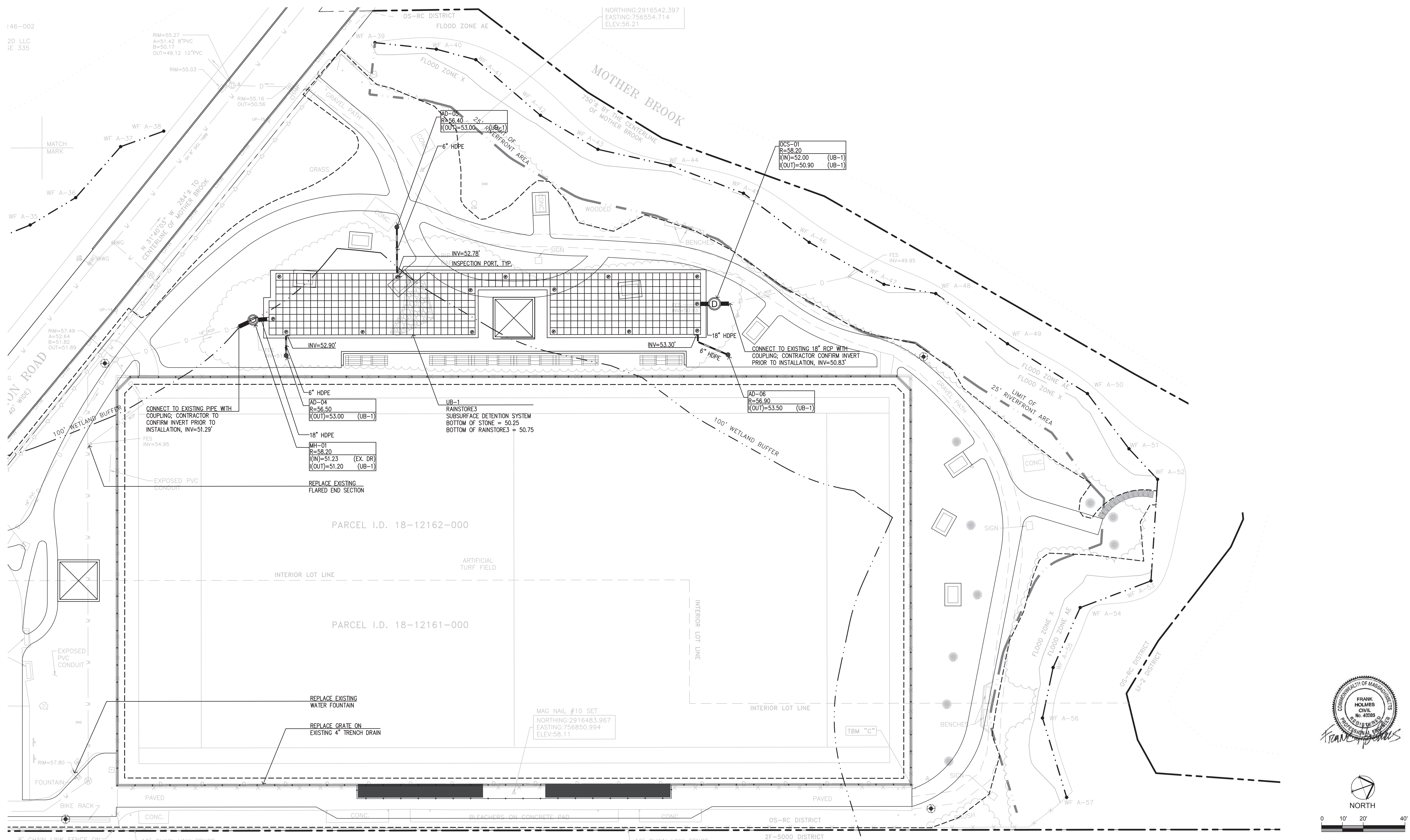


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COMMONWEALTH OF MASSACHUSETTS
FRANK HOLMES
CIVIL ENGINEER
No. 42008
REGISTERED PROFESSIONAL ENGINEER

FRANK HOLMES

NORTH

0 10' 20' 40'



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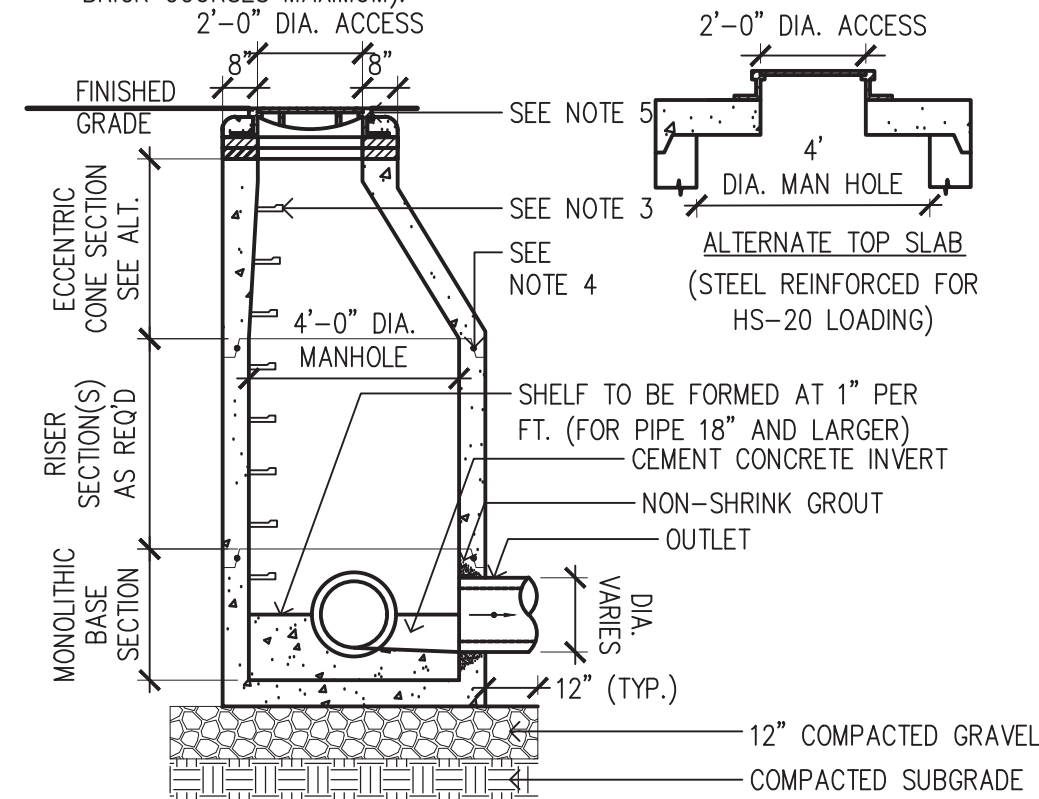
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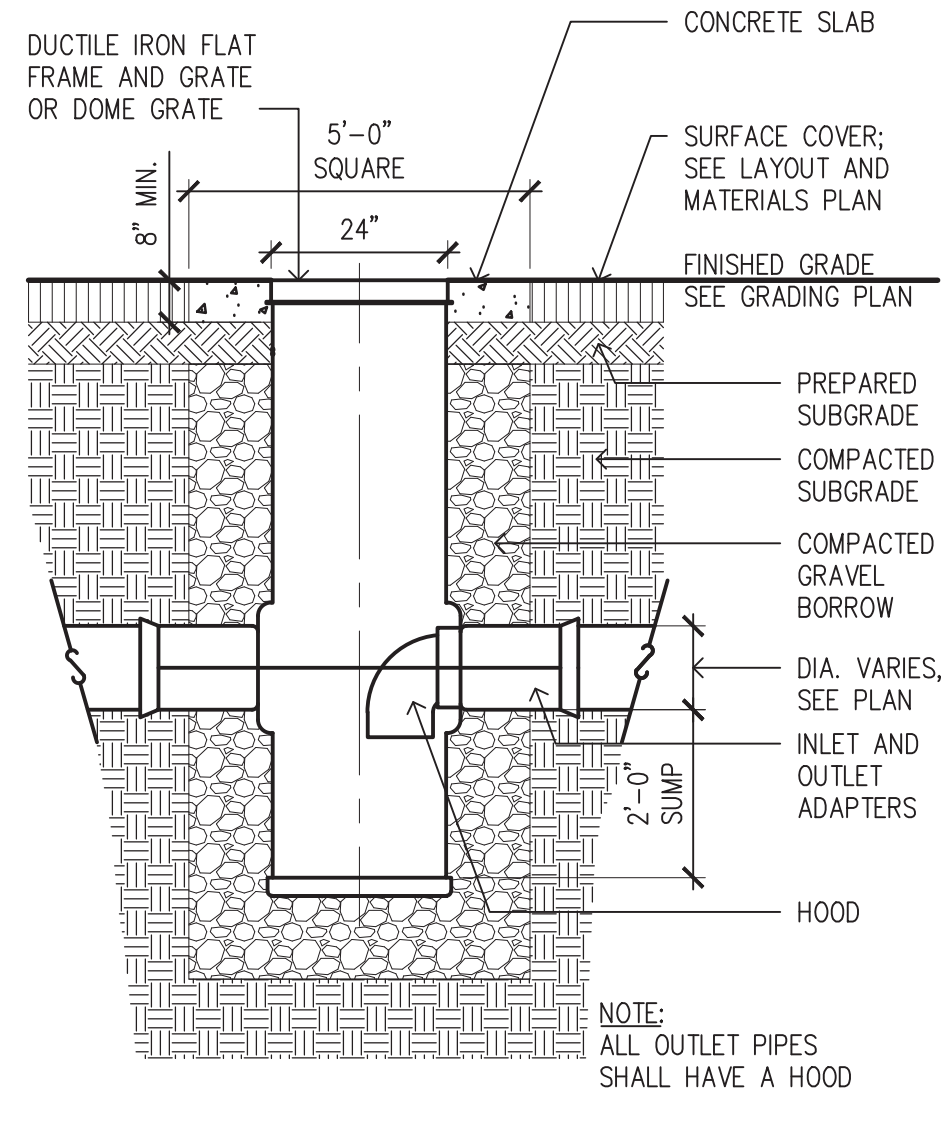
Sheet No.: **L6.2**

- NOTES:**
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
 - PROVIDE "V" KNOCKOUTS FOR PIPES WITH 1" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
 - COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
 - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
 - DRAIN MANHOLE FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES MINIMUM 5 BRICK COURSES MAXIMUM).



1 DRAIN MANHOLE

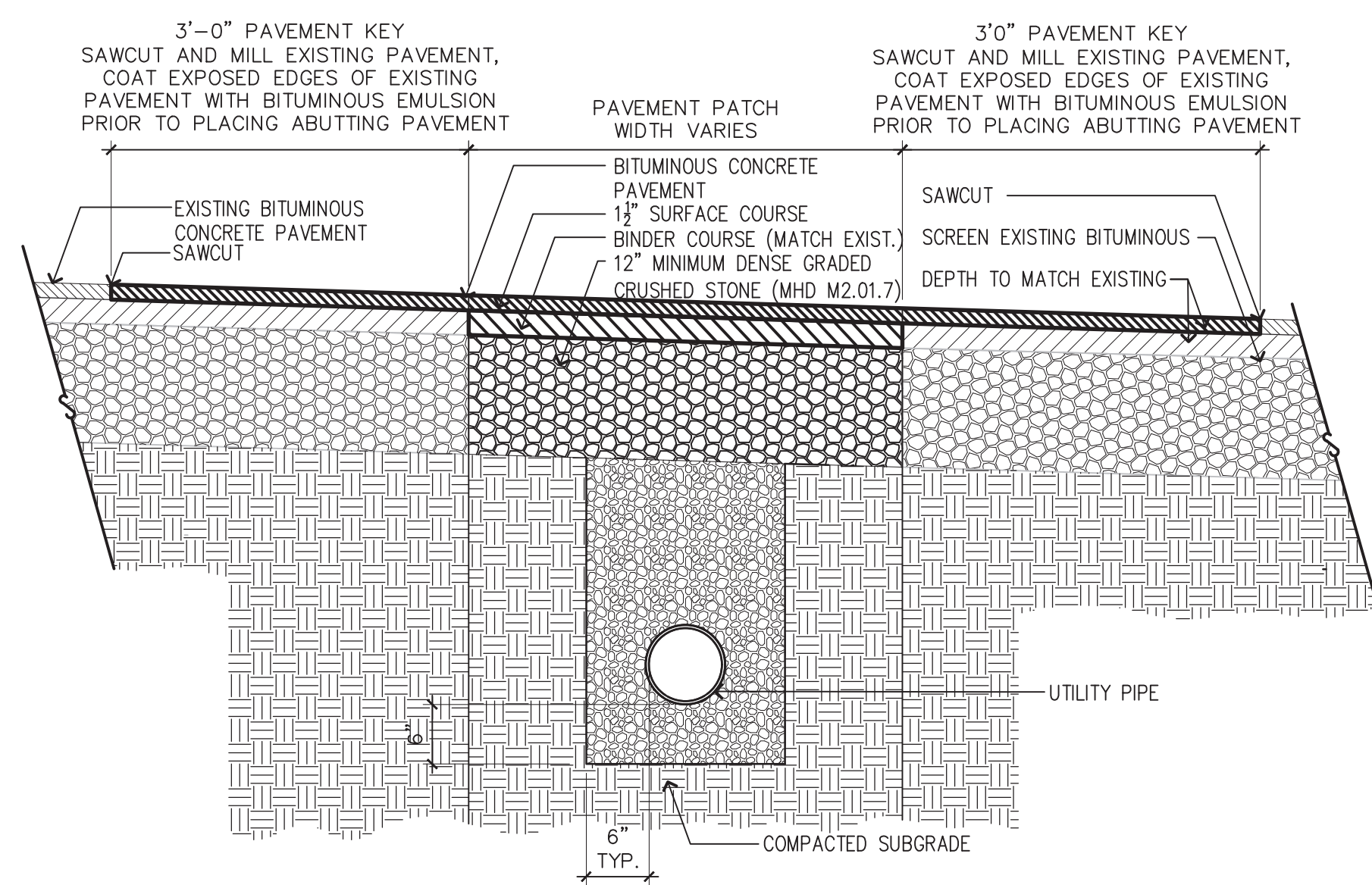
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2 AREA DRAIN - 24 INCH

SCALE: NTS

REV

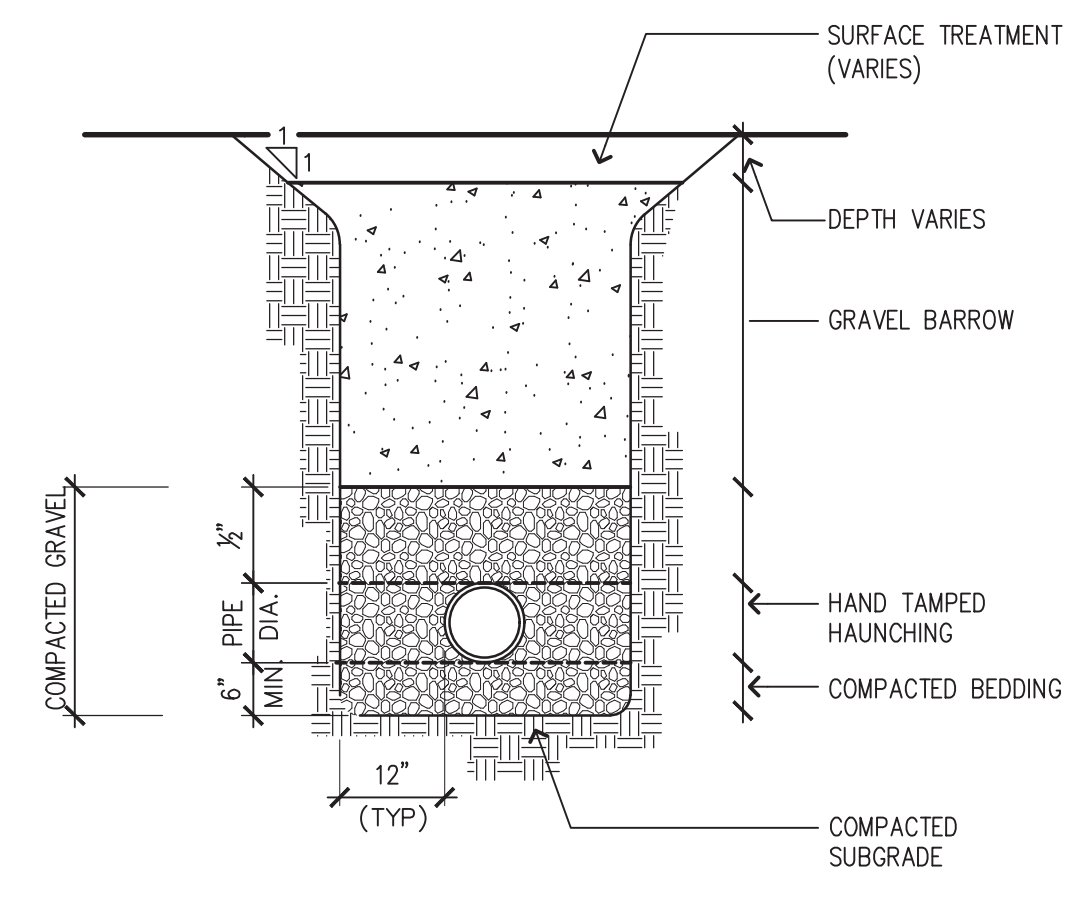


3 UTILITY TRENCH AND PAVEMENT PATCH

SCALE: NTS

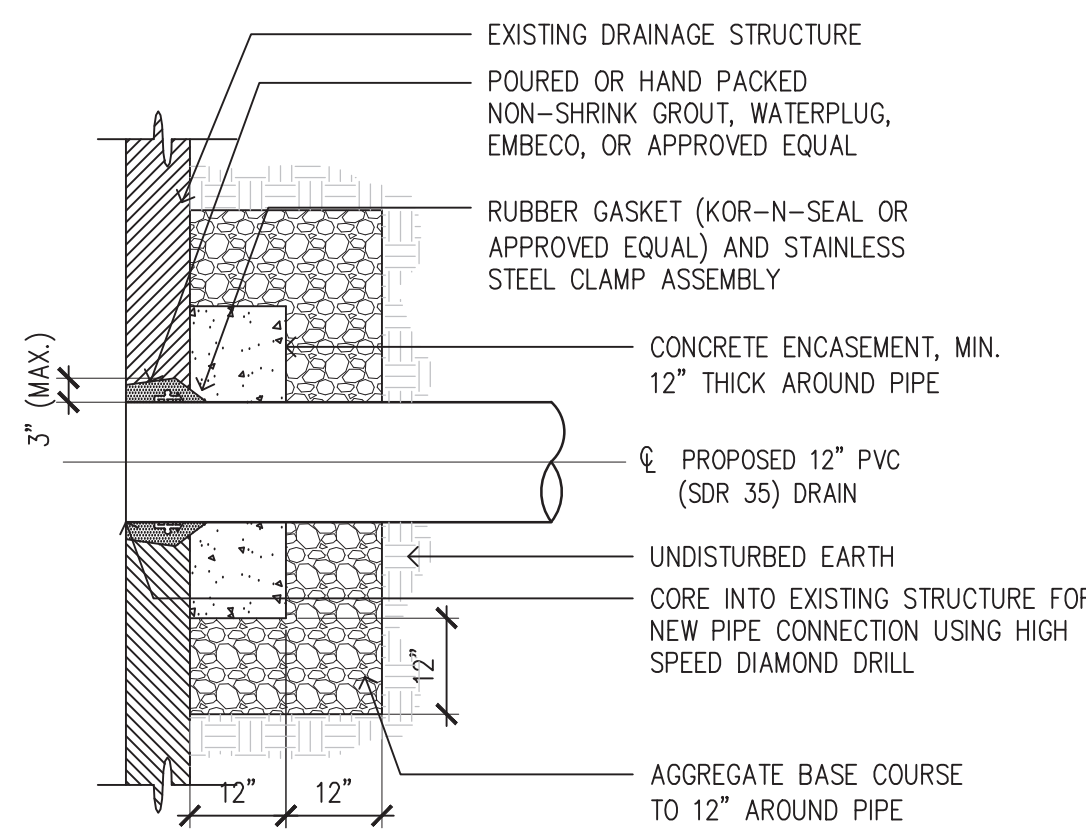
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REV



4 SEWER AND DRAIN TRENCH

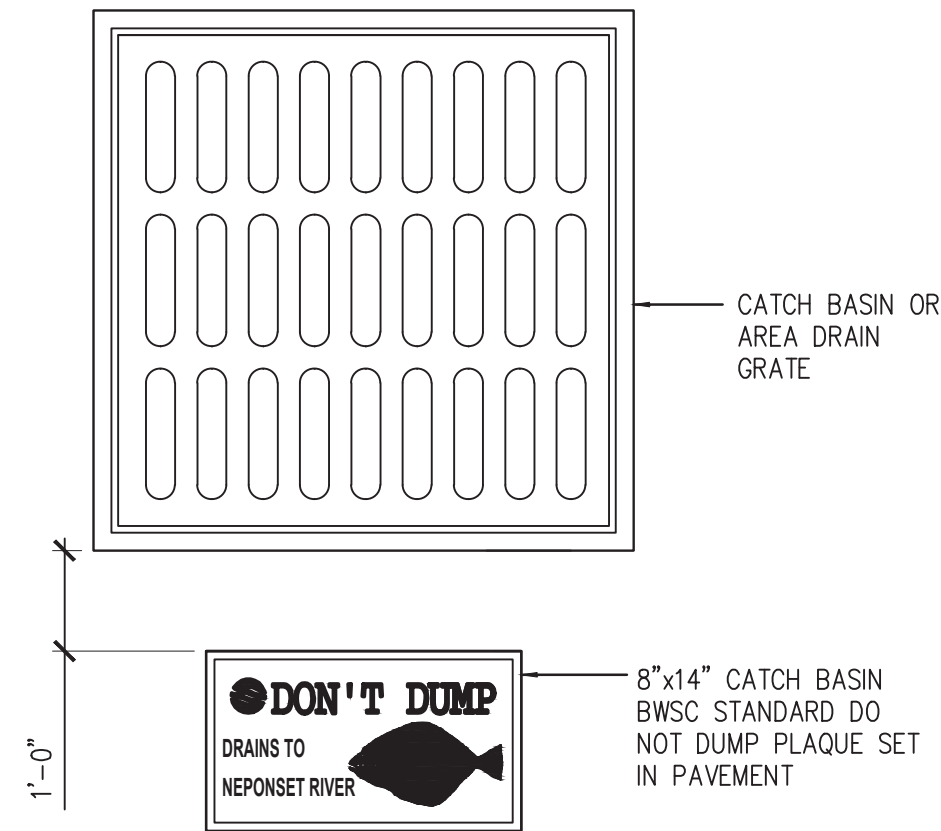
SCALE: NTS



- NOTES:**
- ALL METAL FIXTURES SHALL BE STAINLESS STEEL.
 - SERVICE LINE SHALL BE FLUSH WITH THE INSIDE OF THE CONCRETE PIPE OR WALL.

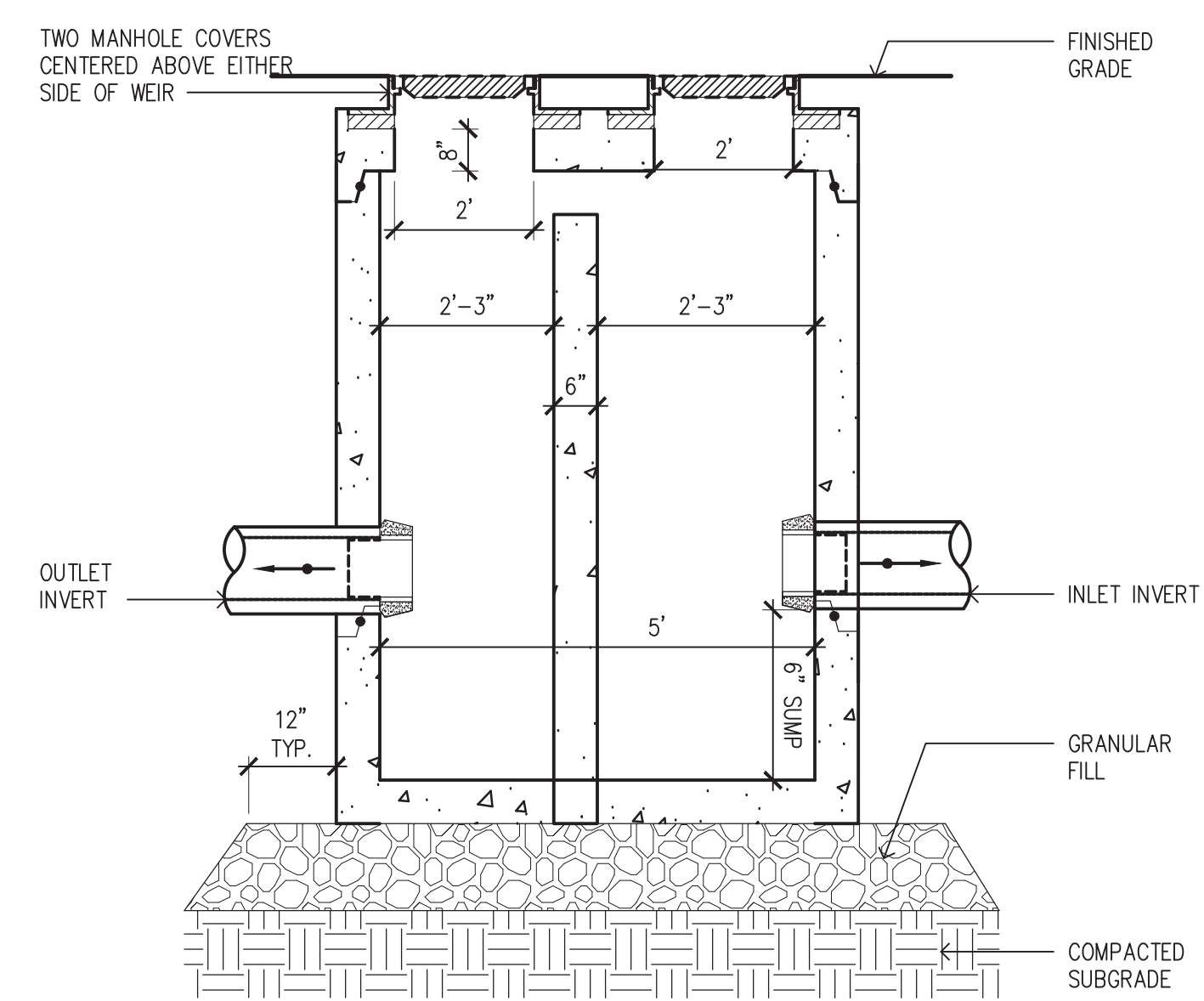
5 EXISTING STRUCTURE CONNECTION

SCALE: NTS



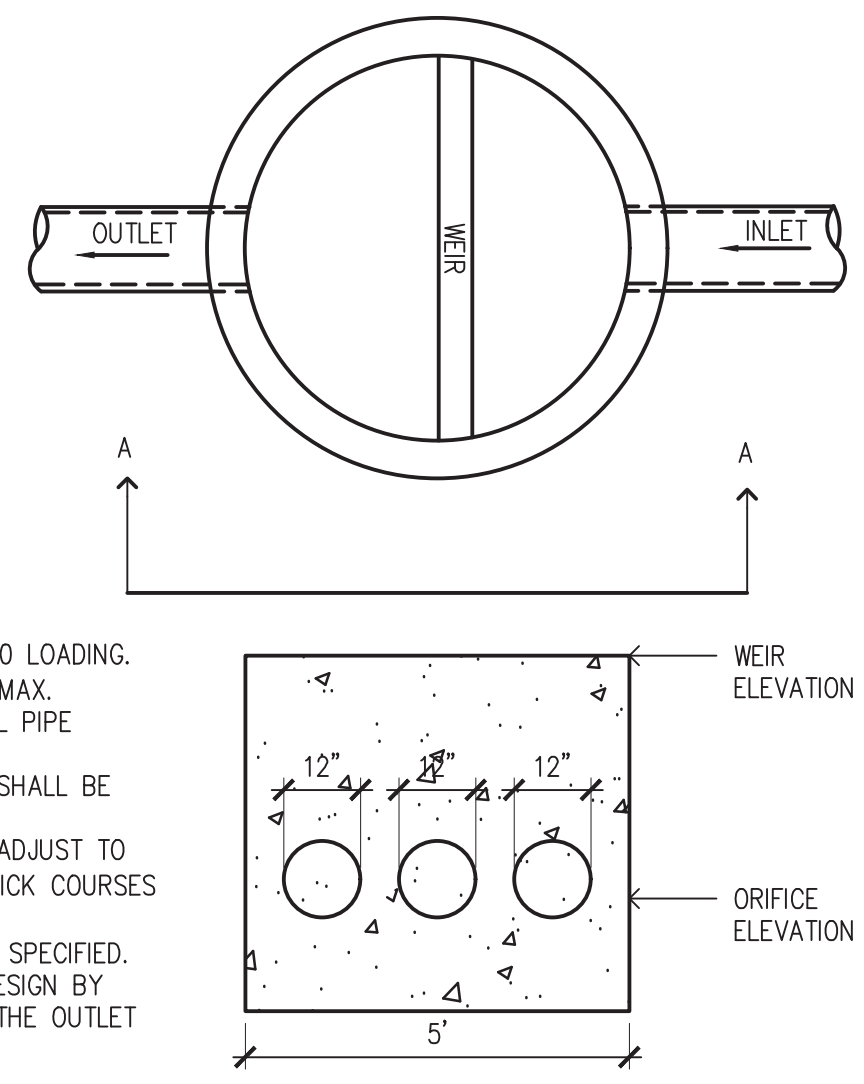
6 "DON'T DUMP" PLAQUE

SCALE: NTS



OCS	
INLET INVERT	52.00'
INLET SIZE	18" HDPE
OUTLET INVERT	50.90'
OUTLET SIZE	15" HDPE
WEIR ELEVATION	55.20'
STRUCTURE INSIDE DIA.	5.0'
NUMBER OF ORIFICES	3
SPACING	N/A
ORIFICE ELEVATION	52.25'
ORIFICE SIZE	12"

- NOTES:**
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
 - PROVIDE "V" KNOCKOUTS FOR PIPES WITH 1" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
 - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
 - FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR. (2 BRICK COURSES MIN 5 BRICK COURSES MAX.).
 - ALL PIPE SHALL BE HDPE UNLESS OTHERWISE SPECIFIED.
 - REFER TO SUBSURFACE DETENTION SYSTEM DESIGN BY MANUFACTURE FOR INVERT ELEVATIONS INTO THE OUTLET CONTROL STRUCTURE.



7 OUTLET CONTROL STRUCTURE

SCALE: NTS

REV



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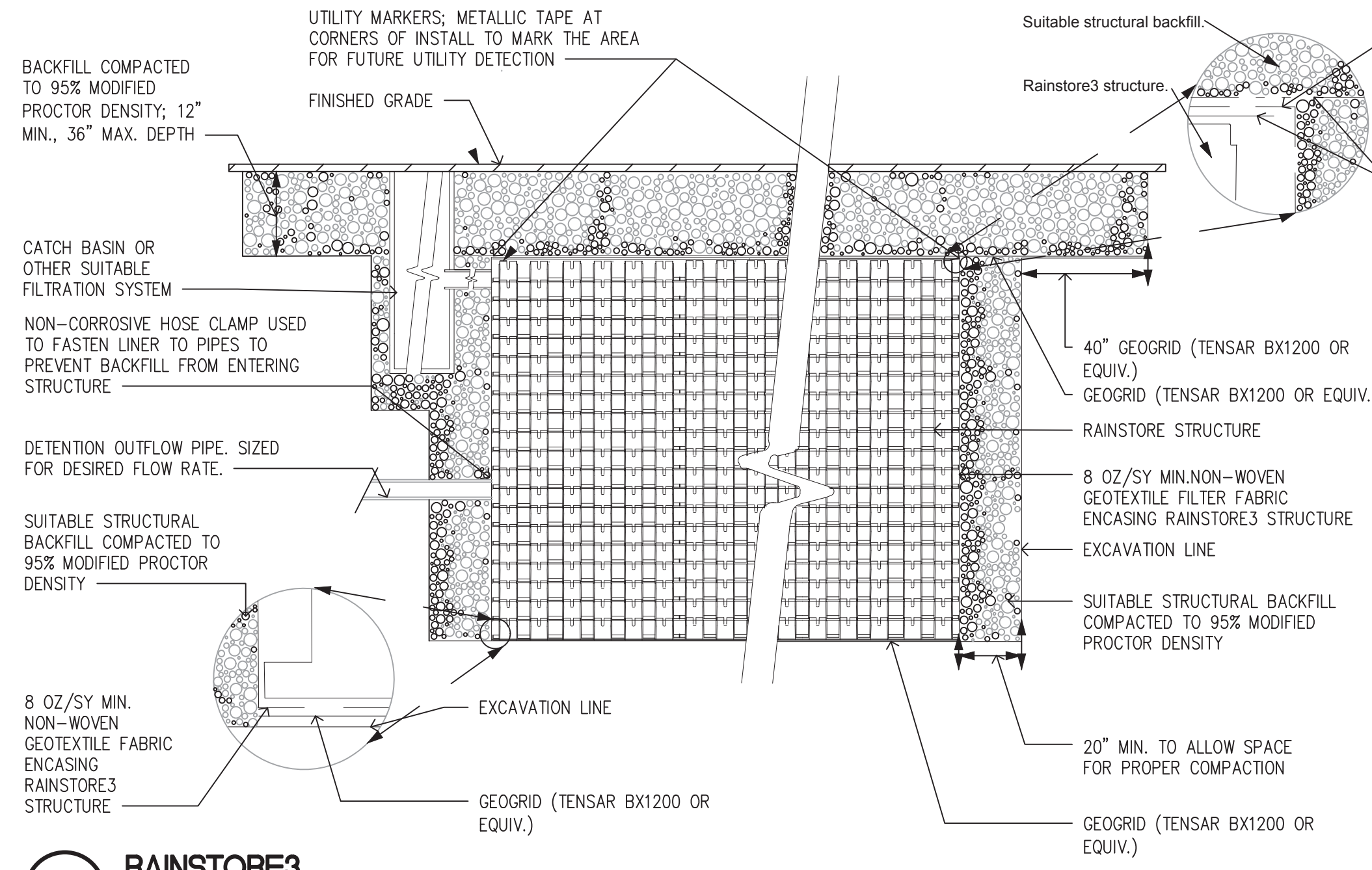
Project Name.: **IMPROVEMENTS TO RESERVATION ROAD PARK PHASE 2**
Hyde Park, Massachusetts

BPRD Project No.	CPR 24233
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Scale	AS SHOWN
Drawn	H. BUSKIRK, C. LONG
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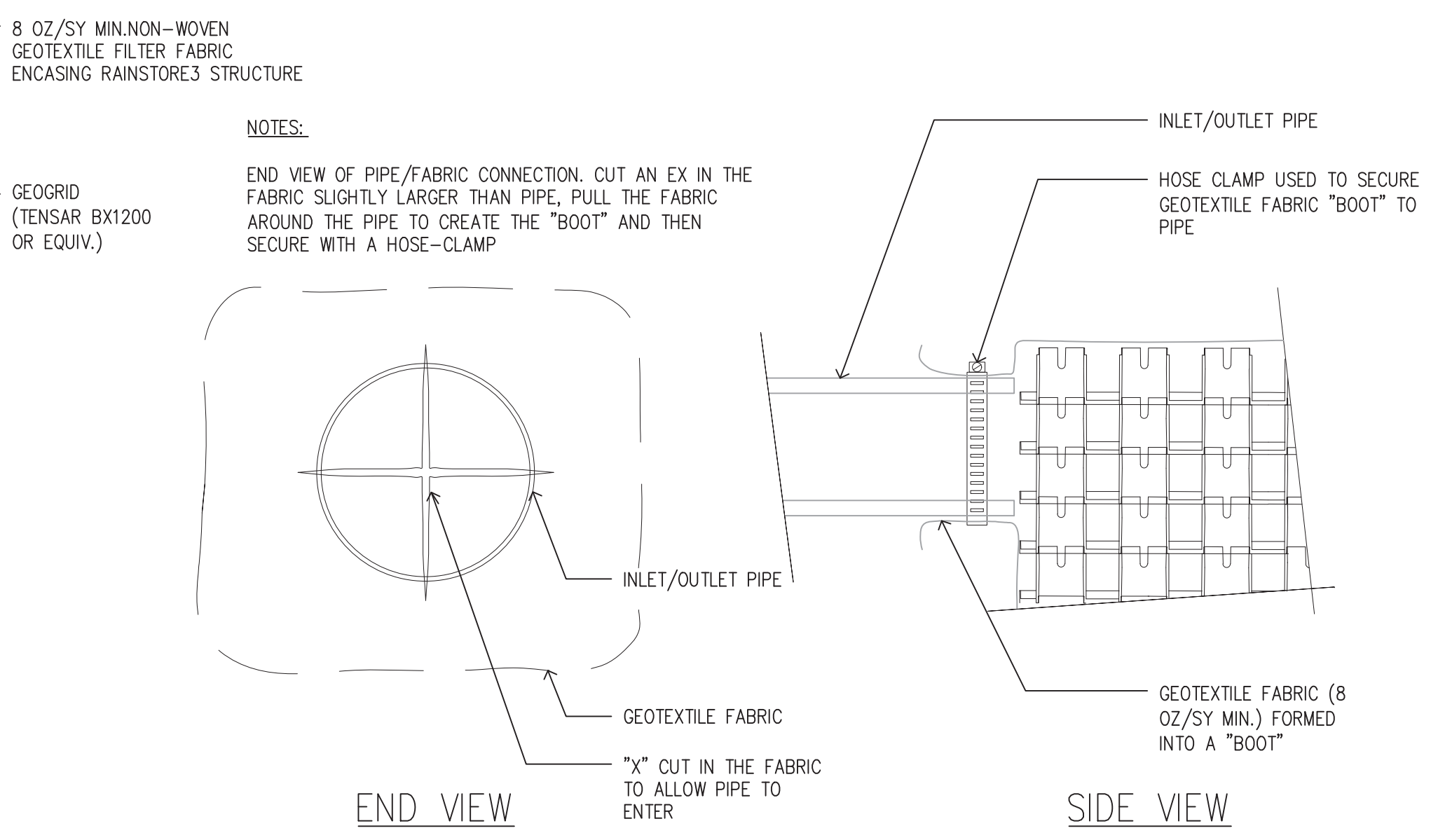
Sheet Name.: **UTILITY DETAILS 1**

Sheet No.: **L7.**

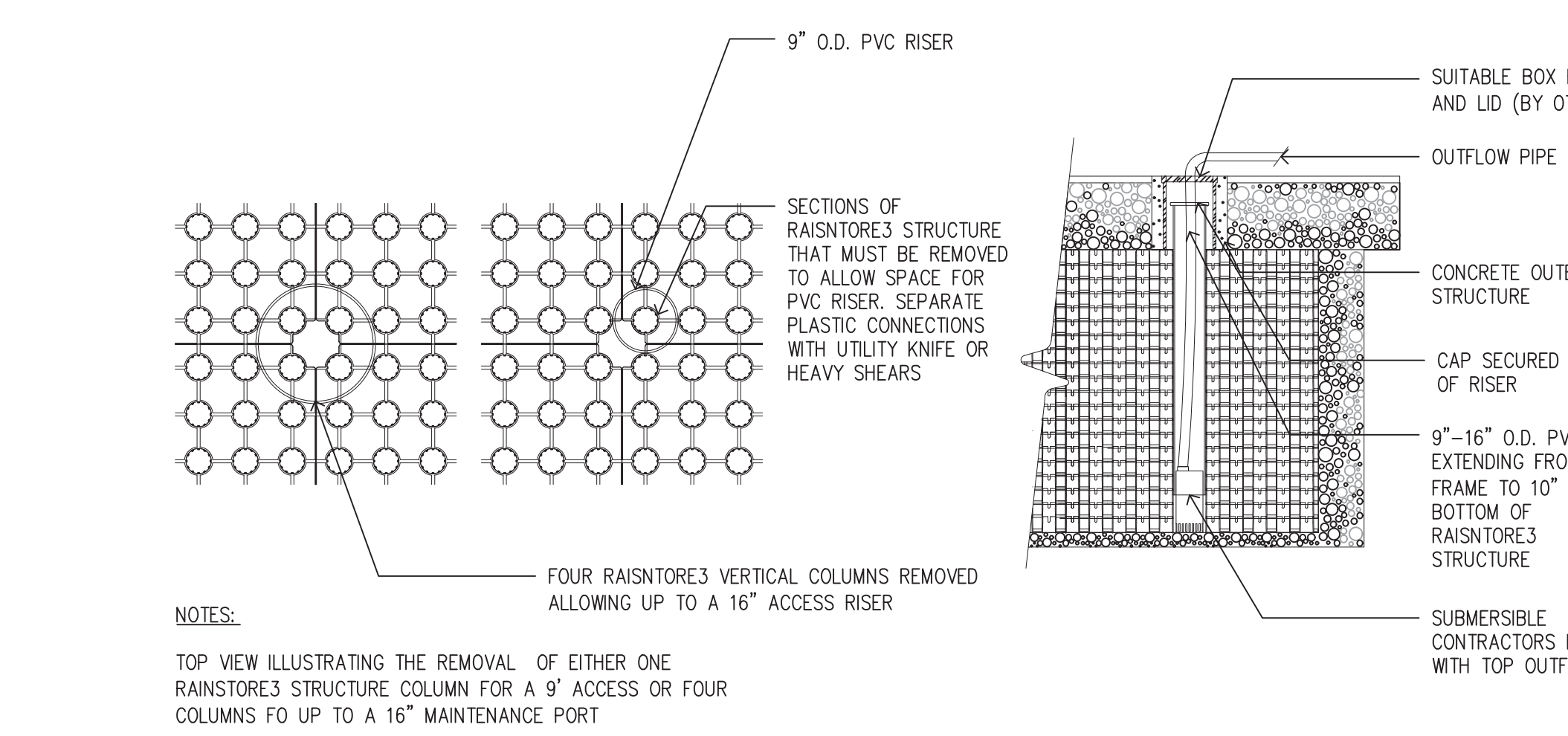




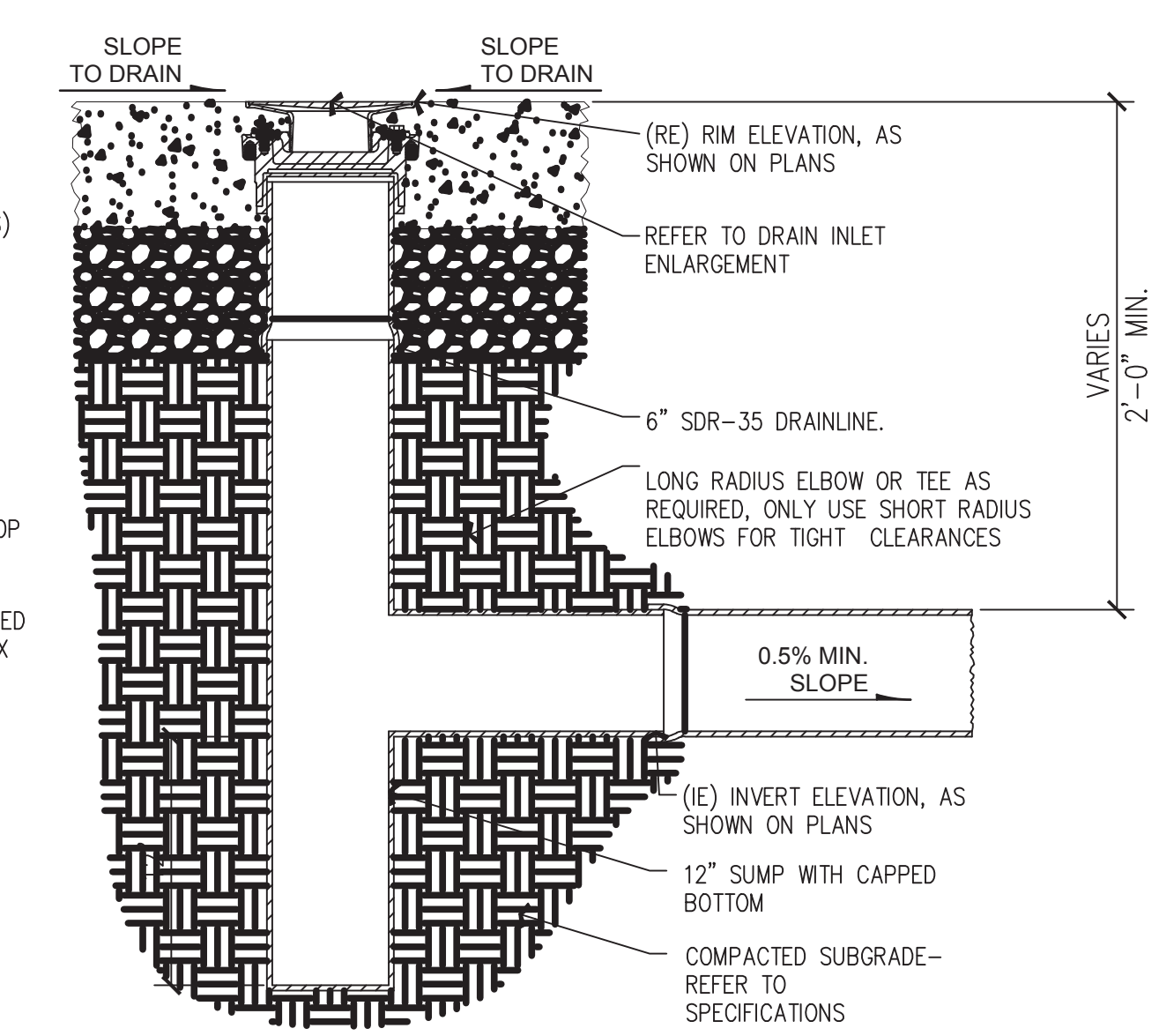
1 RAINSTORE3
SCALE: NTS
RAINSTORE



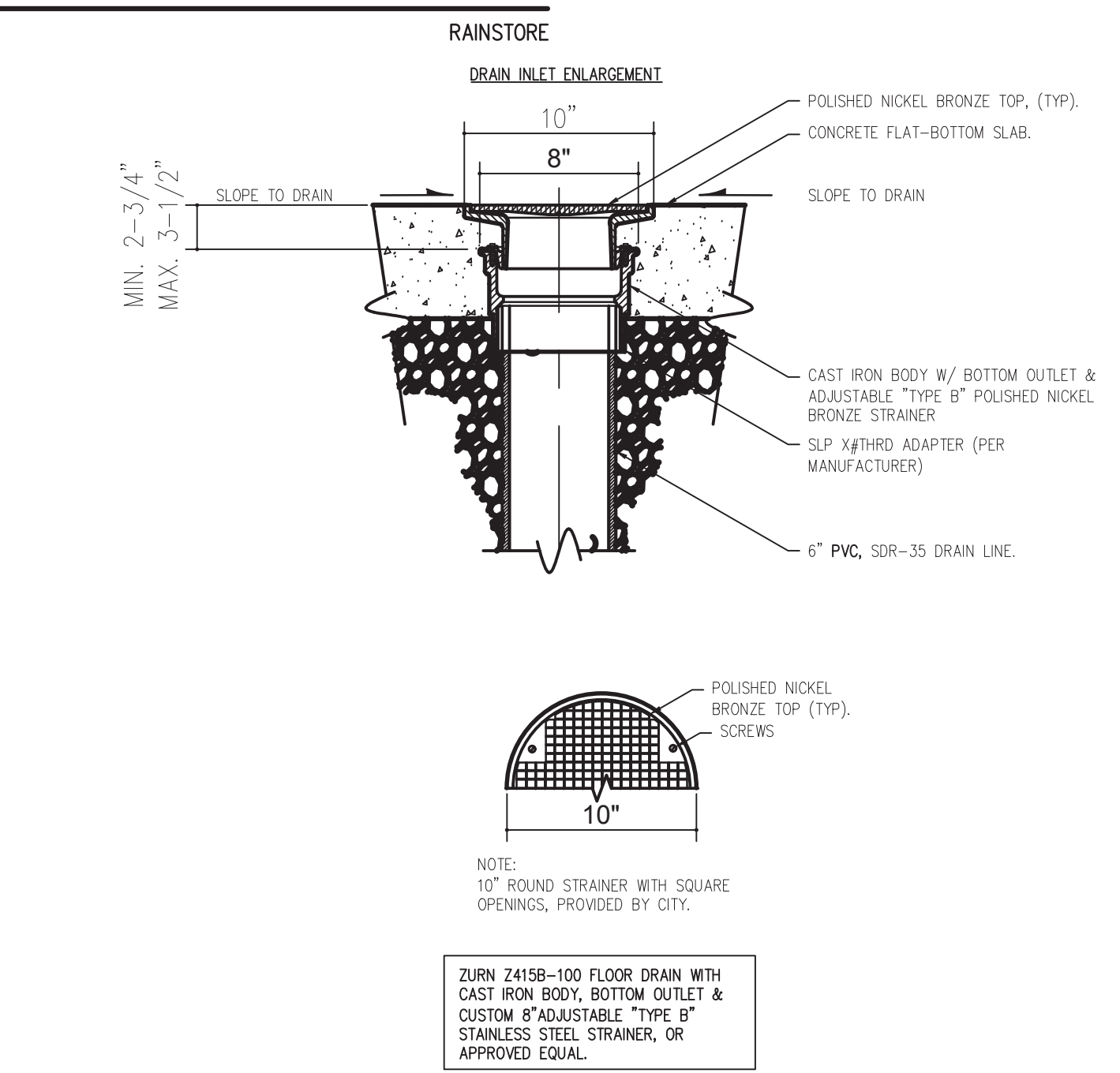
2 RAINSTORE3 INLET/OUTLET CONNECTION
SCALE: NTS



3 RAINSTORE3 MAINTENANCE PORT
SCALE: NTS
RAINSTORE



4 SKATEPARK AREA DRAIN
SCALE: NTS



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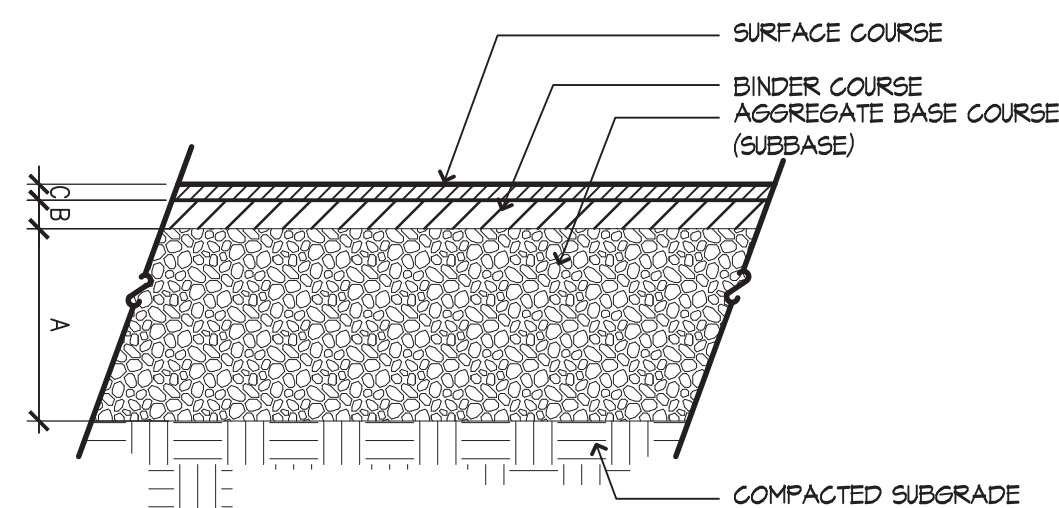
BPRD Project No.	CPR 24233
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Sheet Name.: **UTILITY DETAILS 2**

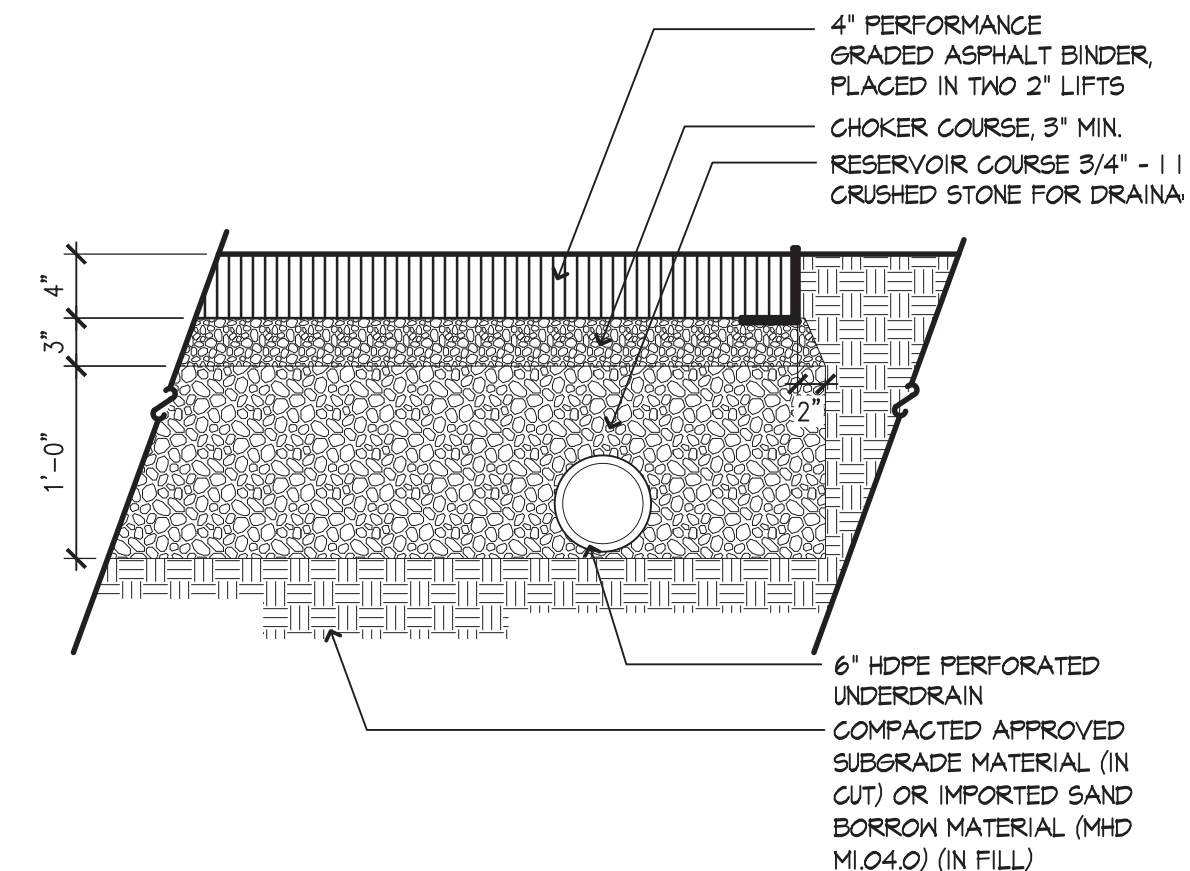
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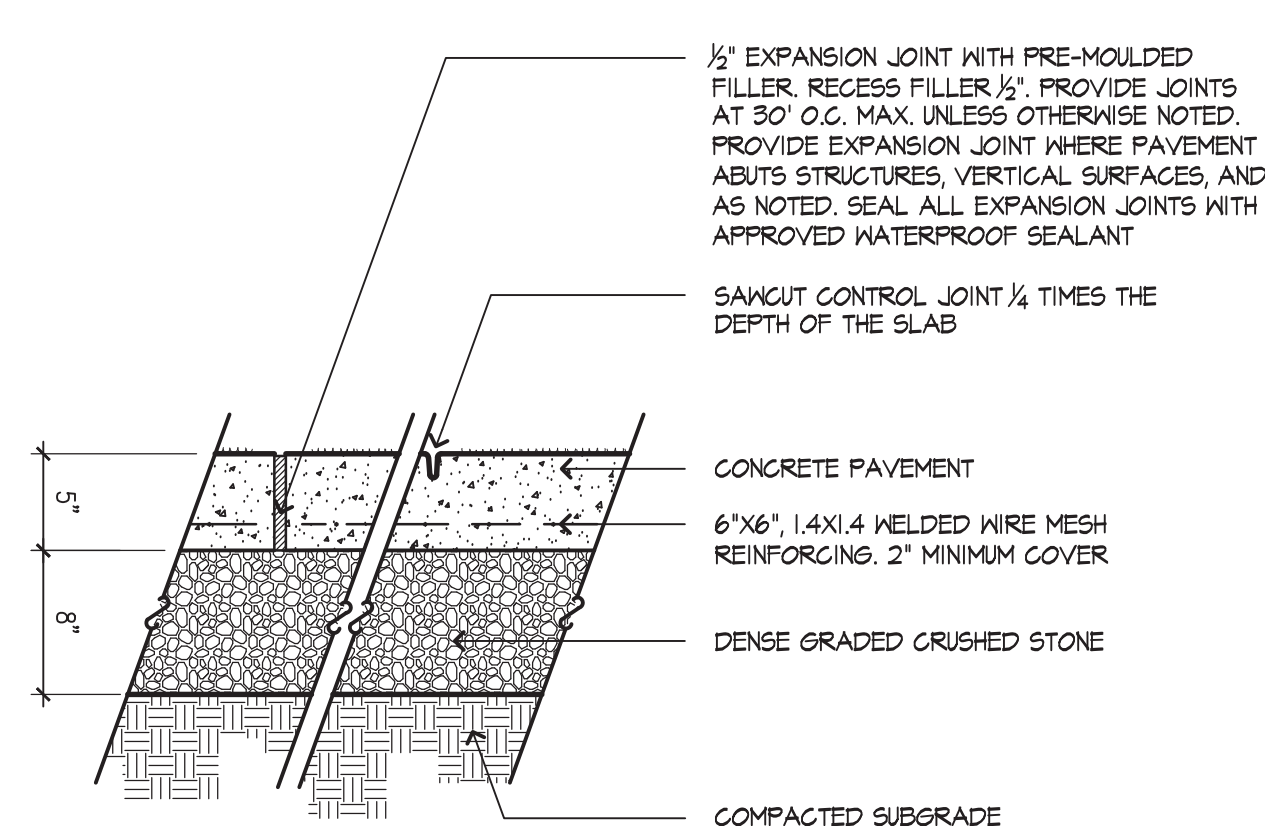
BIT. CONCRETE WALK	A	B	C
BIT. CONCRETE DRIVE	6"	1"	1 1/2"



1 BITUMINOUS CONCRETE PAVEMENT
NOT TO SCALE

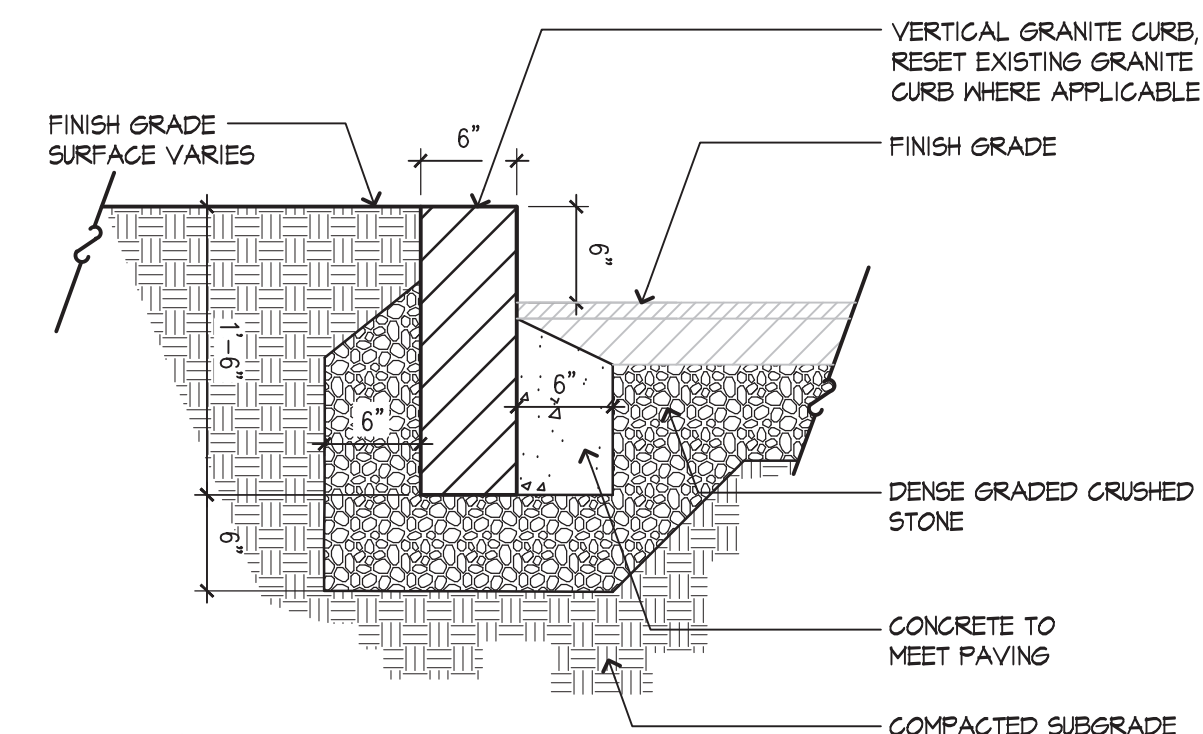


2 POROUS BITUMINOUS CONCRETE PAVEMENT
NOT TO SCALE



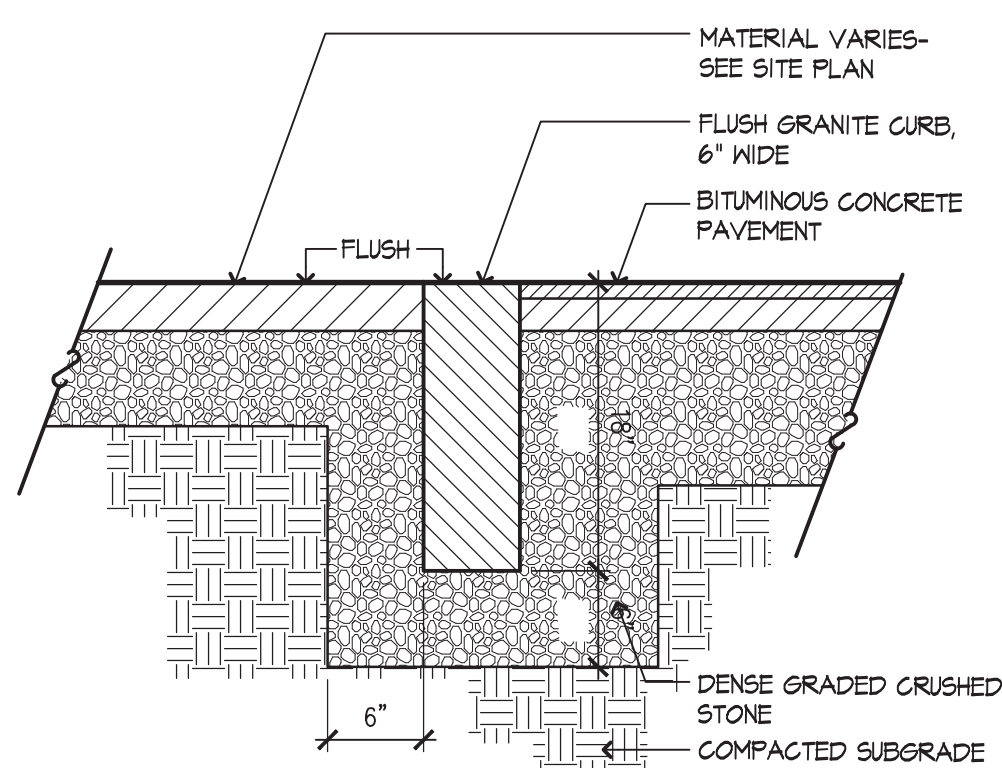
NOTES:
1. REVIEW SCORING LAYOUT WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
2. PROVIDE LIGHT BROOM FINISH PERPENDICULAR TO THE TRAFFIC FLOW UNLESS OTHERWISE NOTED.

3 CONCRETE PAVEMENT
NOT TO SCALE

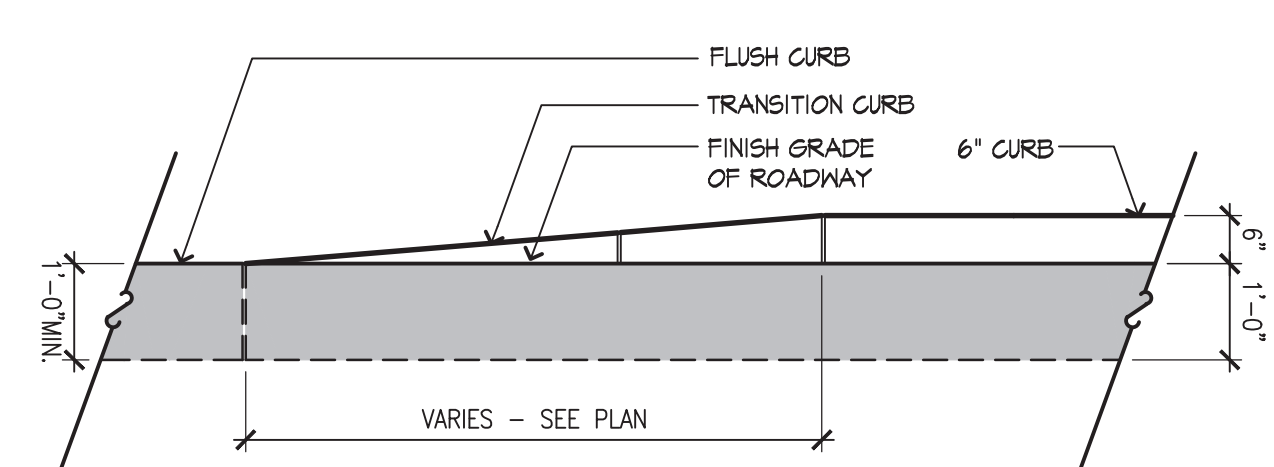


NOTE: ALL JOINTS TO BE GROUTED

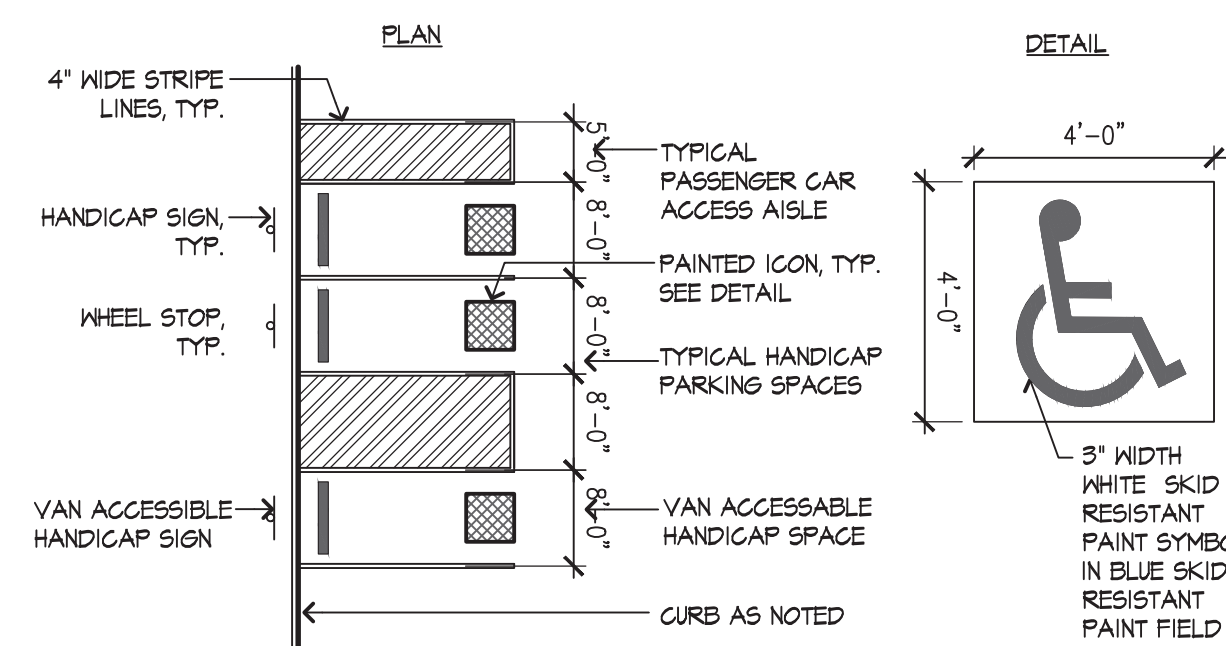
4 VERTICAL GRANITE CURB
NOT TO SCALE



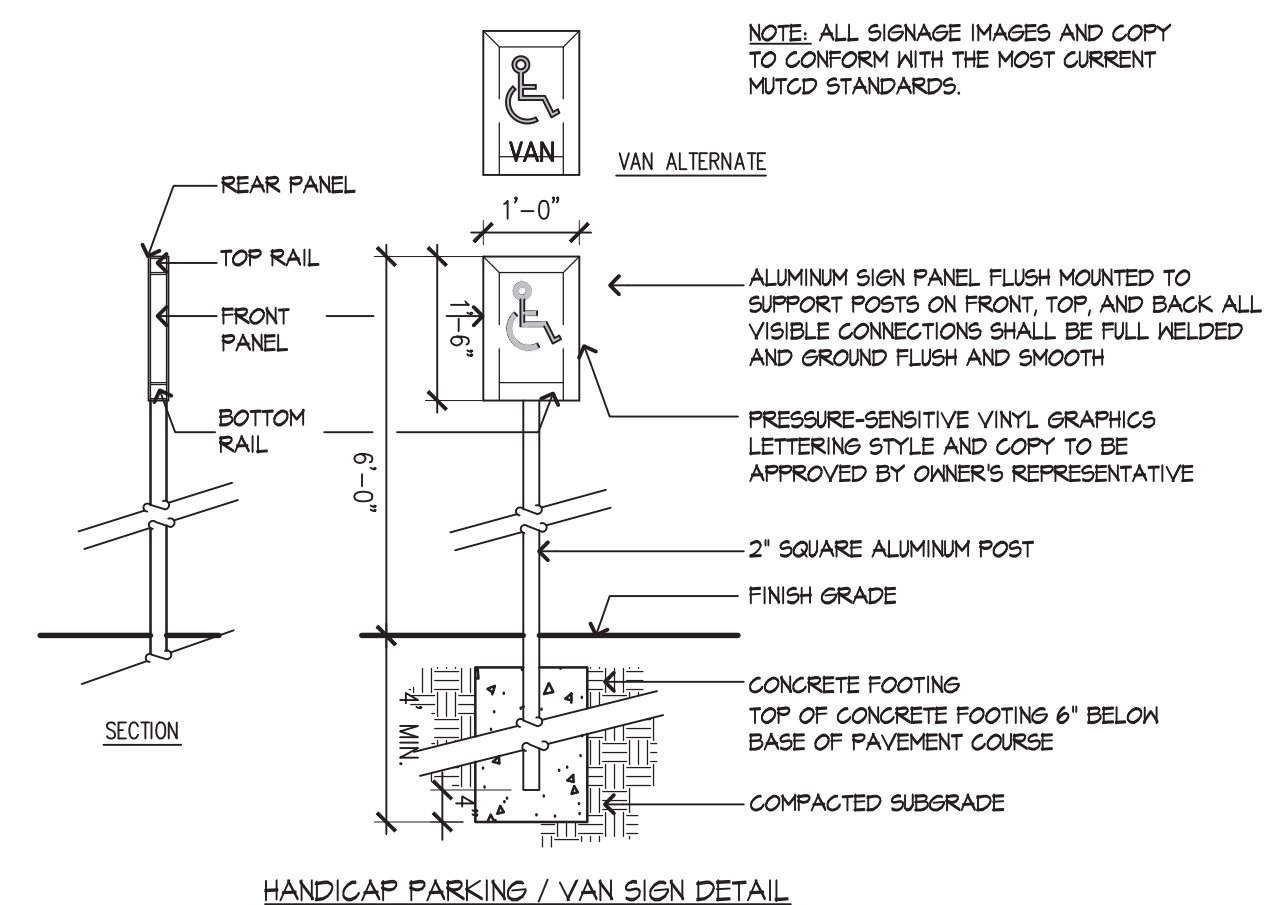
5 FLUSH GRANITE CURB
NOT TO SCALE



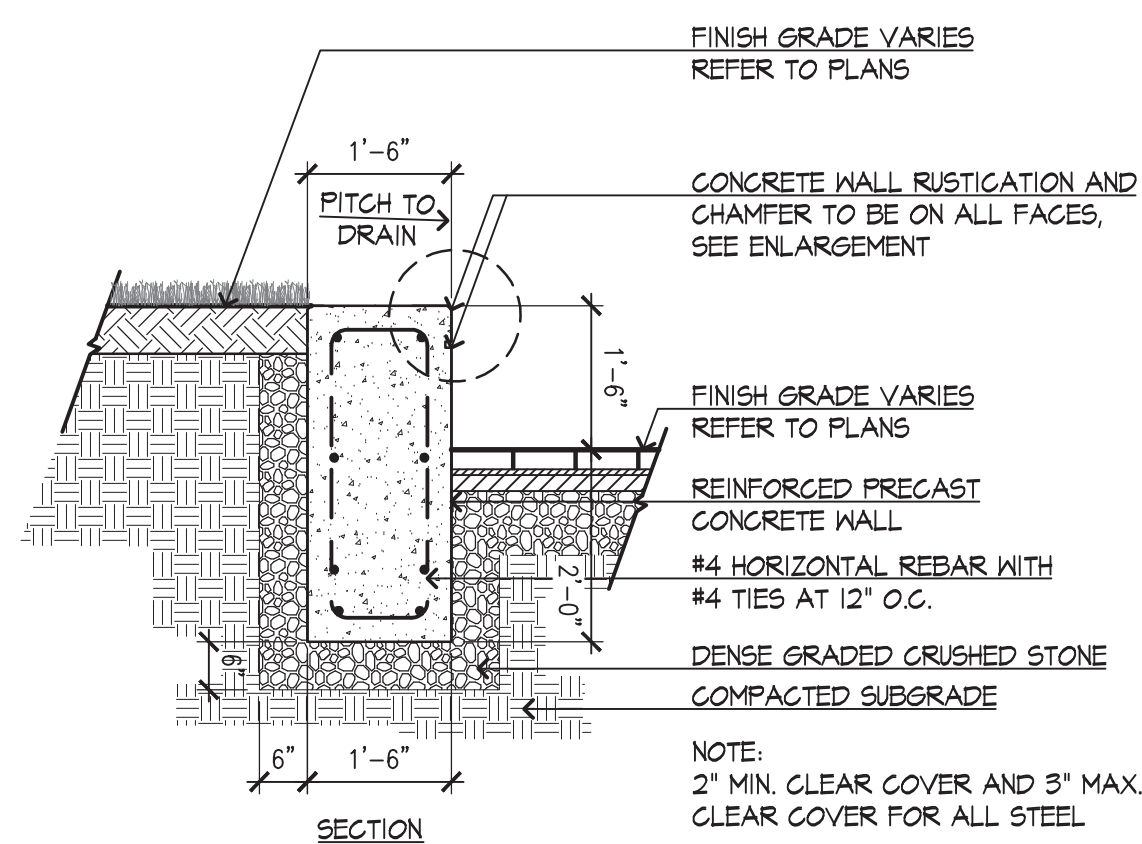
6 GRANITE TRANSITION CURB
NOT TO SCALE



7 HANDICAP PARKING SPACE STRIPING
NOT TO SCALE

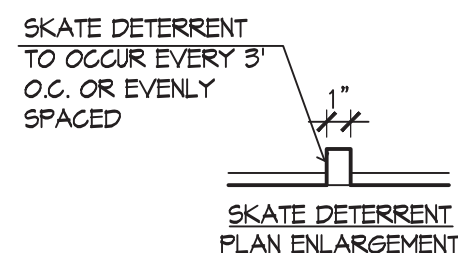
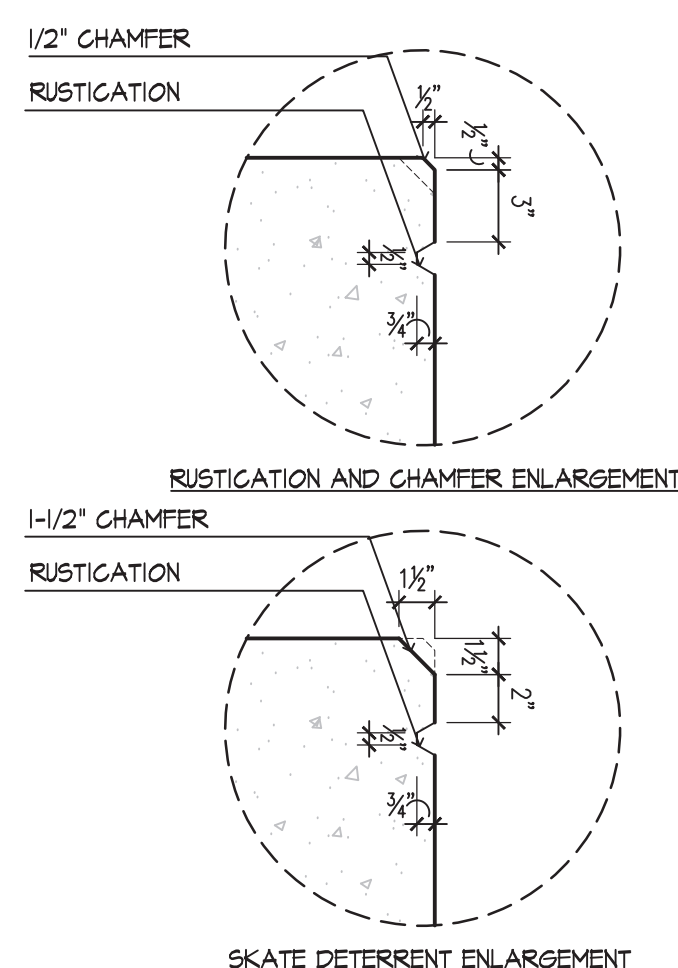


8 HANDICAP PARKING SIGN
NOT TO SCALE

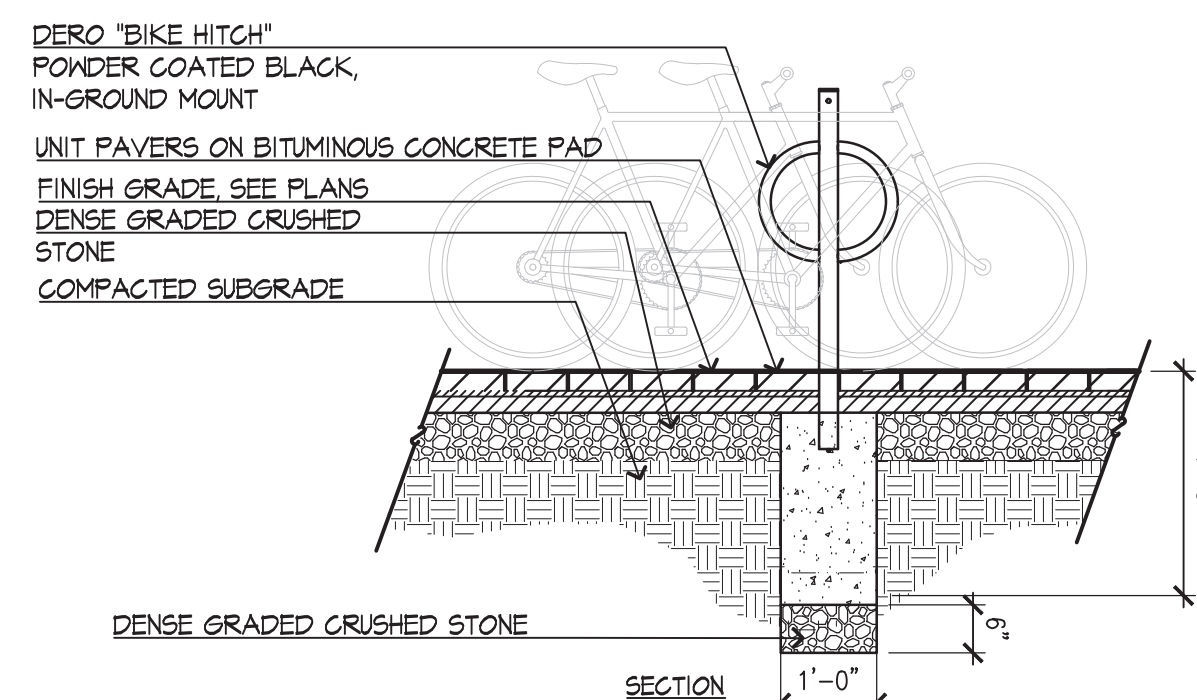
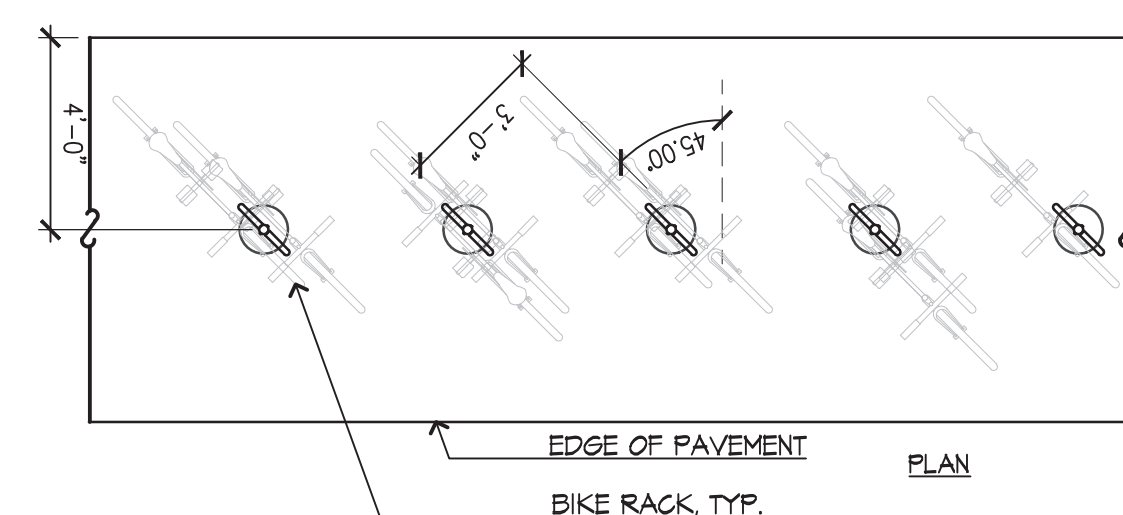


NOTE:
2" MIN. CLEAR COVER AND 3" MAX. CLEAR COVER FOR ALL STEEL

9 CONCRETE RETAINING WALL
NOT TO SCALE



10 BIKE RACK
NOT TO SCALE



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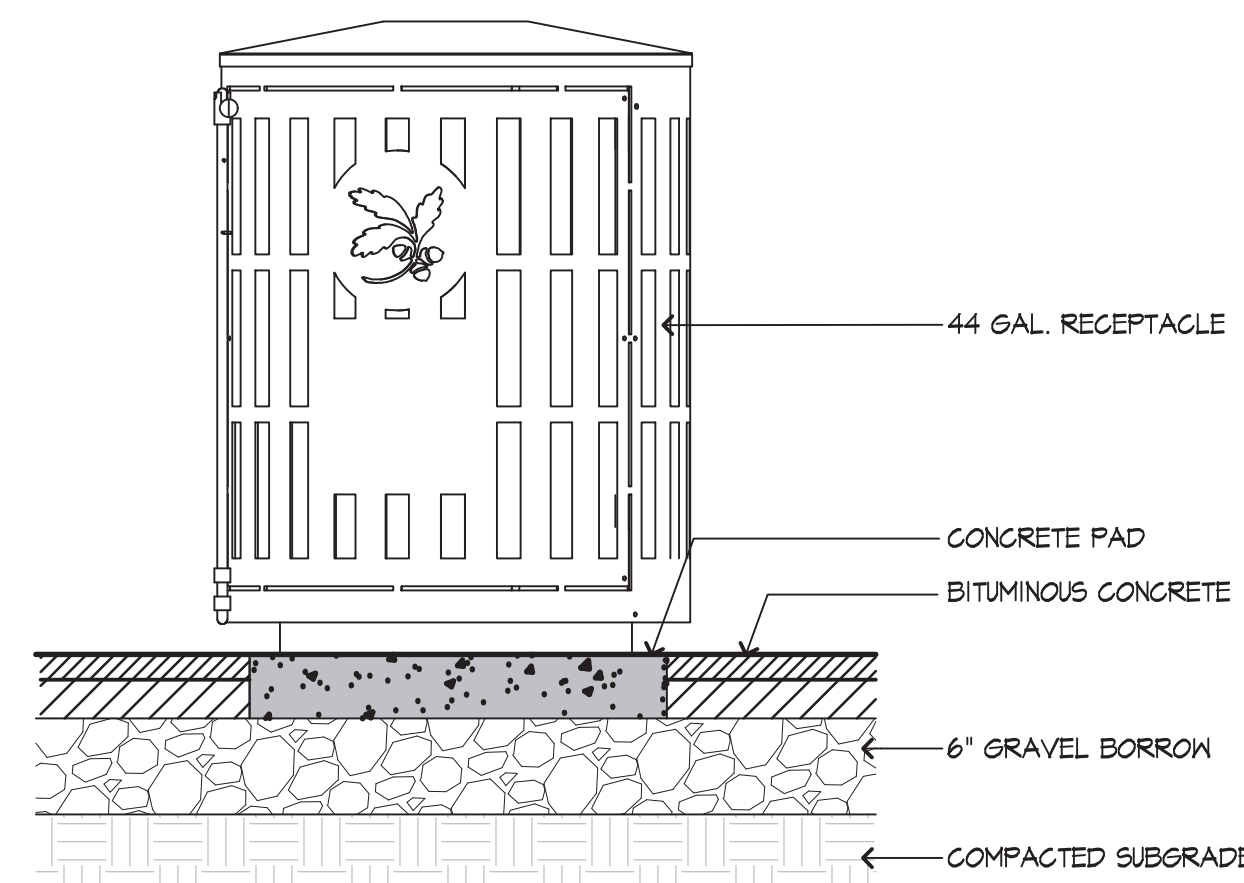
Project Name.: **IMPROVEMENTS TO RESERVATION ROAD PARK PHASE 2**
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Sheet Name.: **SITE DETAILS 1**

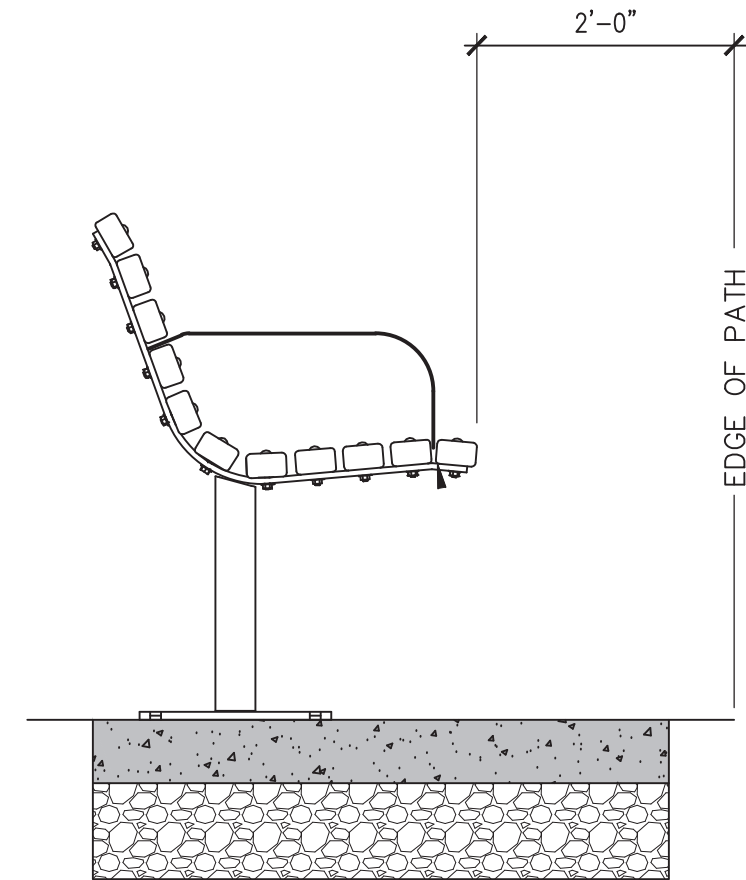
Sheet No.: **L9.**



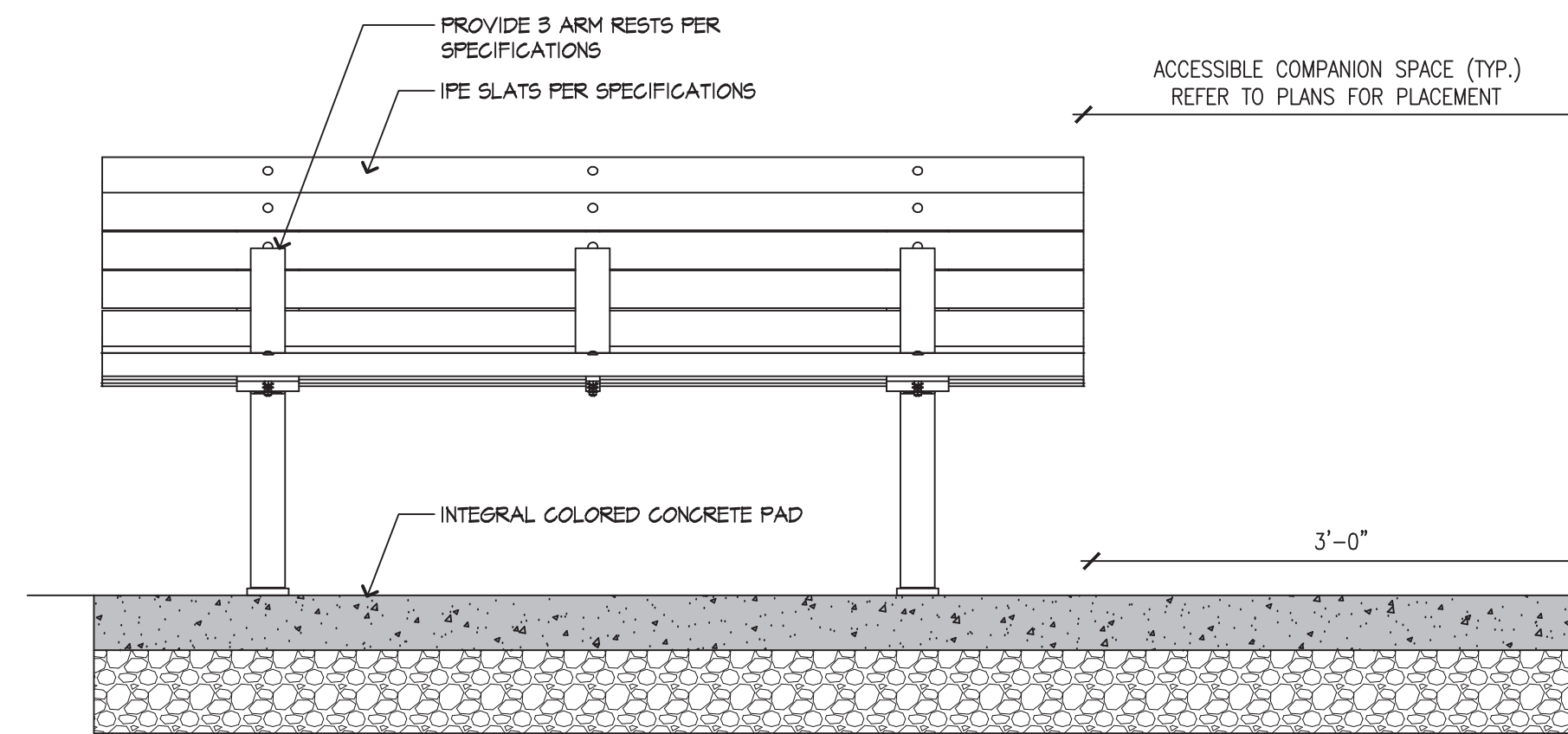


- NOTES
1. RECEPTACLE TO MEET BPRD STANDARDS, WITH 44 GALLON INSERT AS MANUFACTURED BY CUSTOM FABRICATION INC., OF HARFURSVILLE, NY OR APPROVED EQUAL. SEE SPECIFICATIONS.
 2. SHOP DRAWINGS REQUIRED.
 3. ALL STEEL PIECES PHOSPHATE WASHED, PRIMED WITH ZINC RICH PRIMER, AND PAINTED WITH EXTERIOR GRADE POLYESTER POWDER COAT. COLOR TO BE BLACK.
 4. SURFACE MOUNT TO CONCRETE PAVING WITH TAMPER RESISTANT, STAINLESS STEEL OR GALVANIZED HARDWARE.
 5. ALL ASSEMBLY HARDWARE TO BE STAINLESS STEEL.

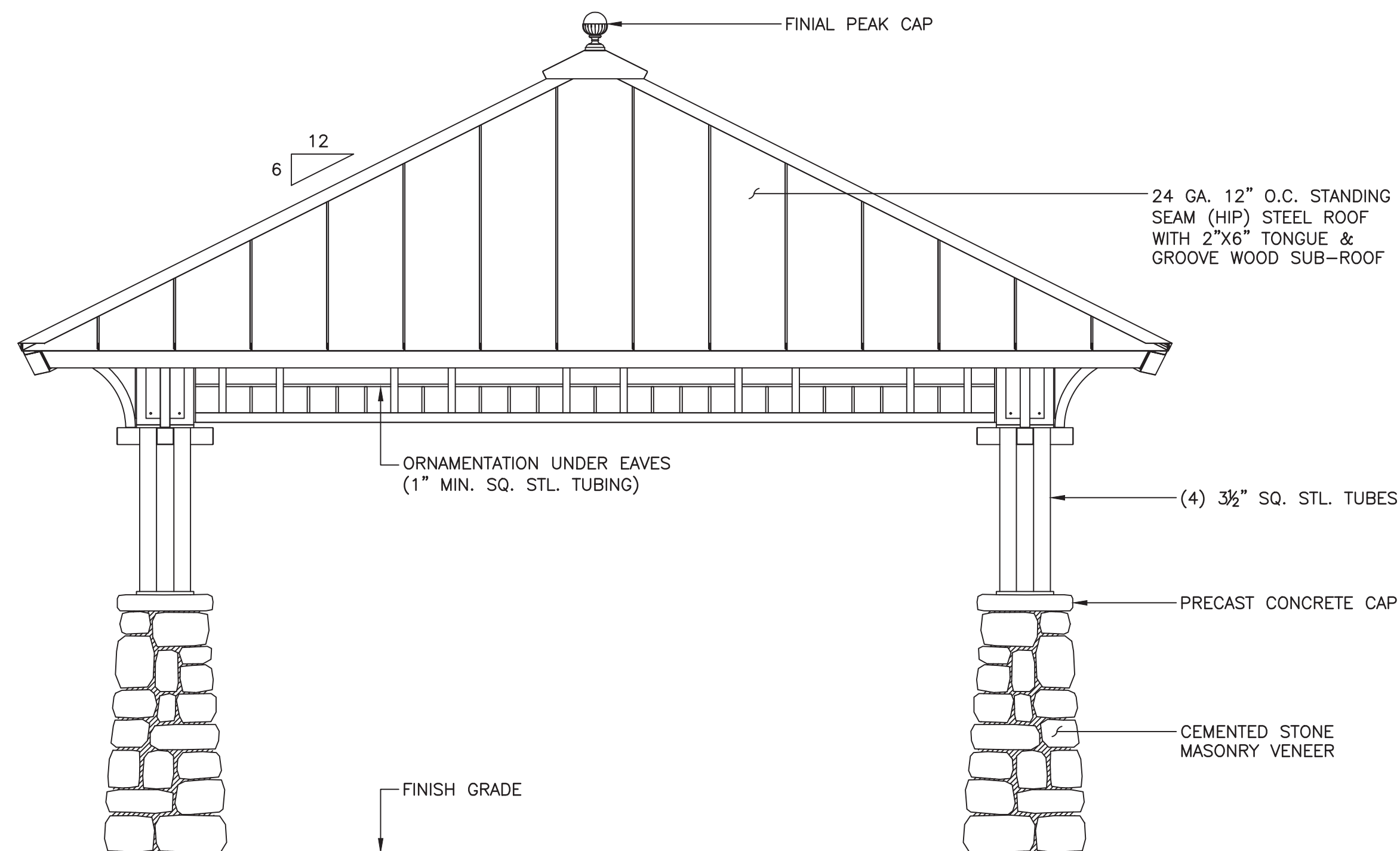
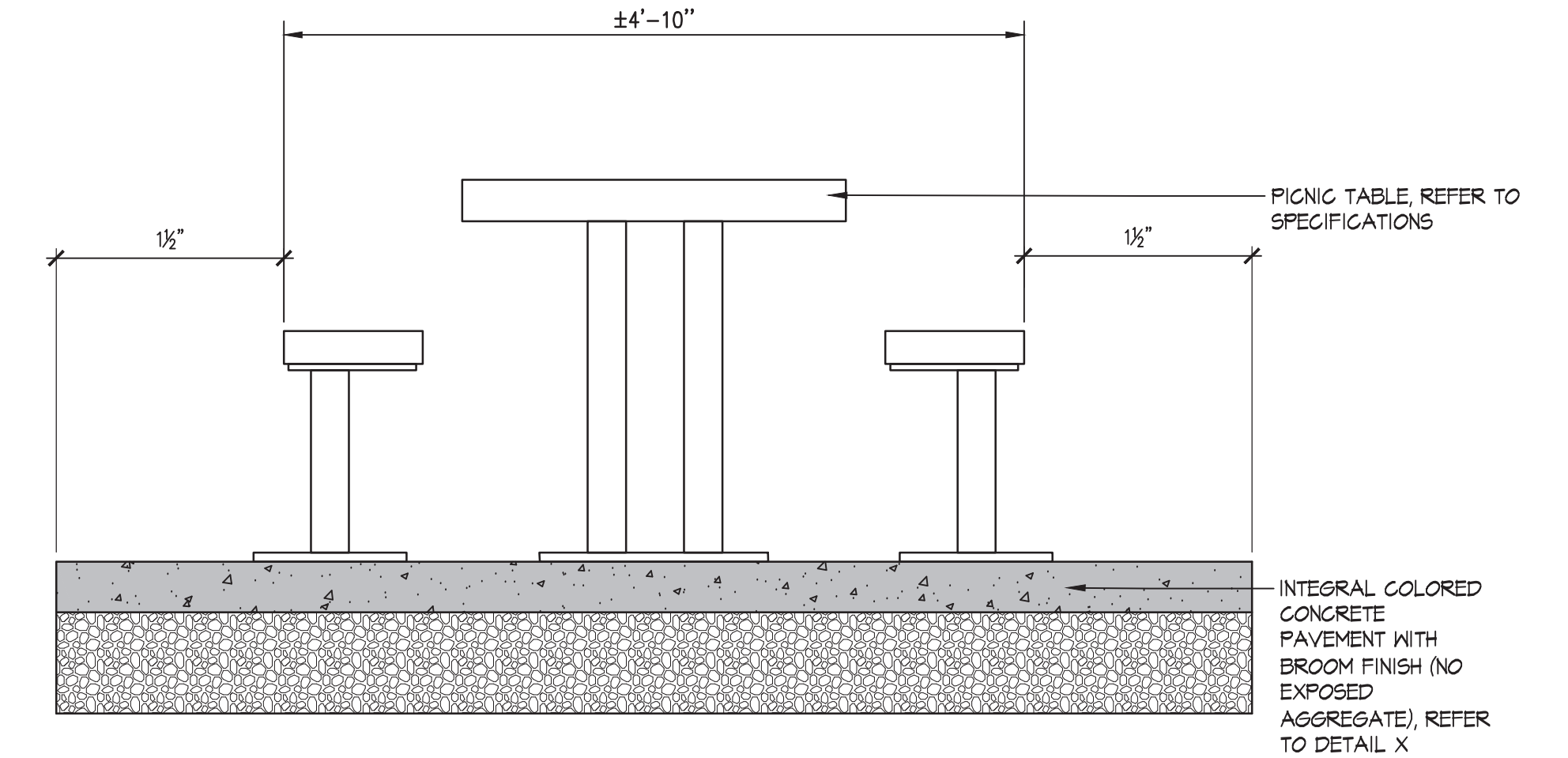
1 TRASH RECEPTACLE ON CONCRETE PAD
NOT TO SCALE



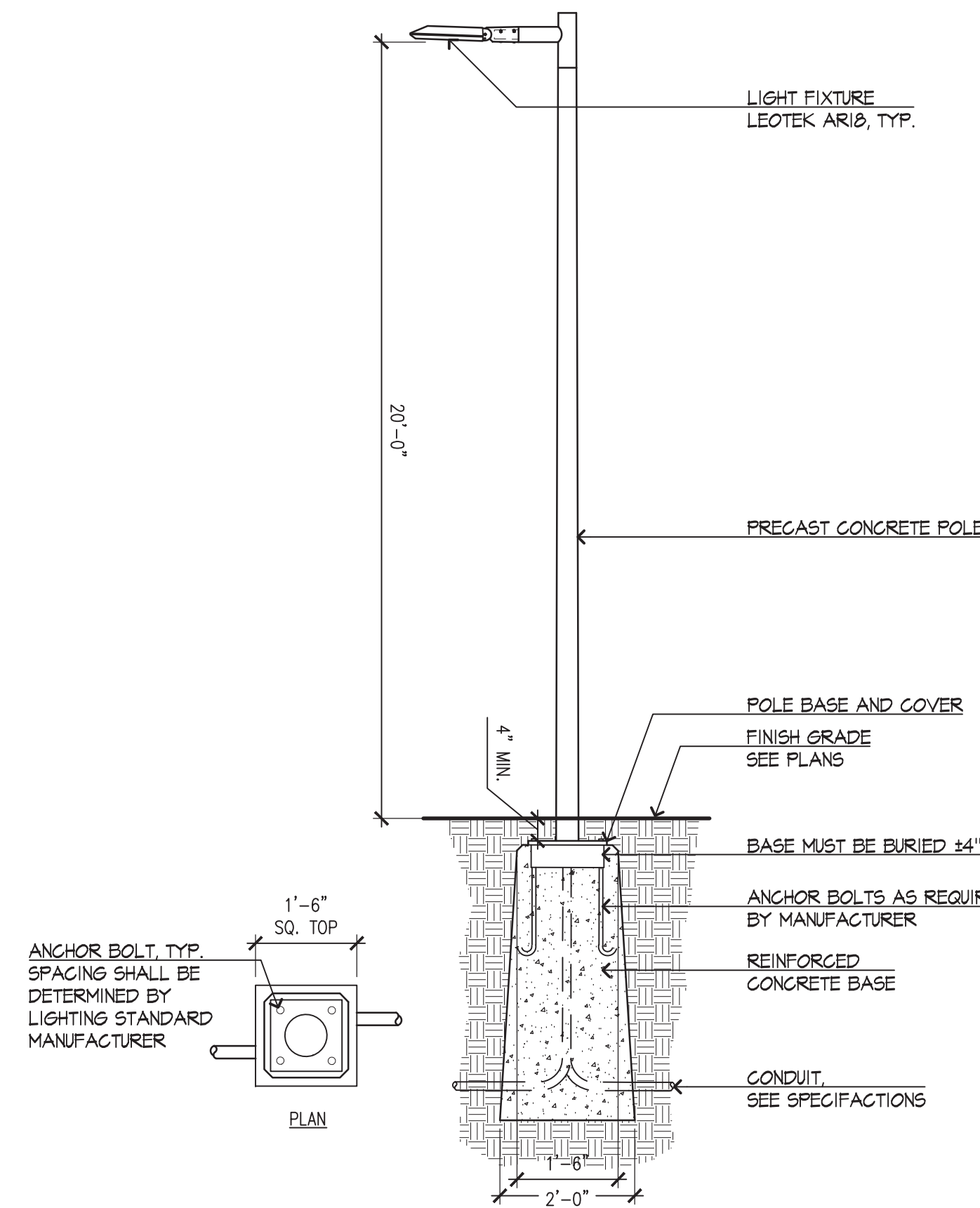
2 BENCH ON CONCRETE PAD
NOT TO SCALE



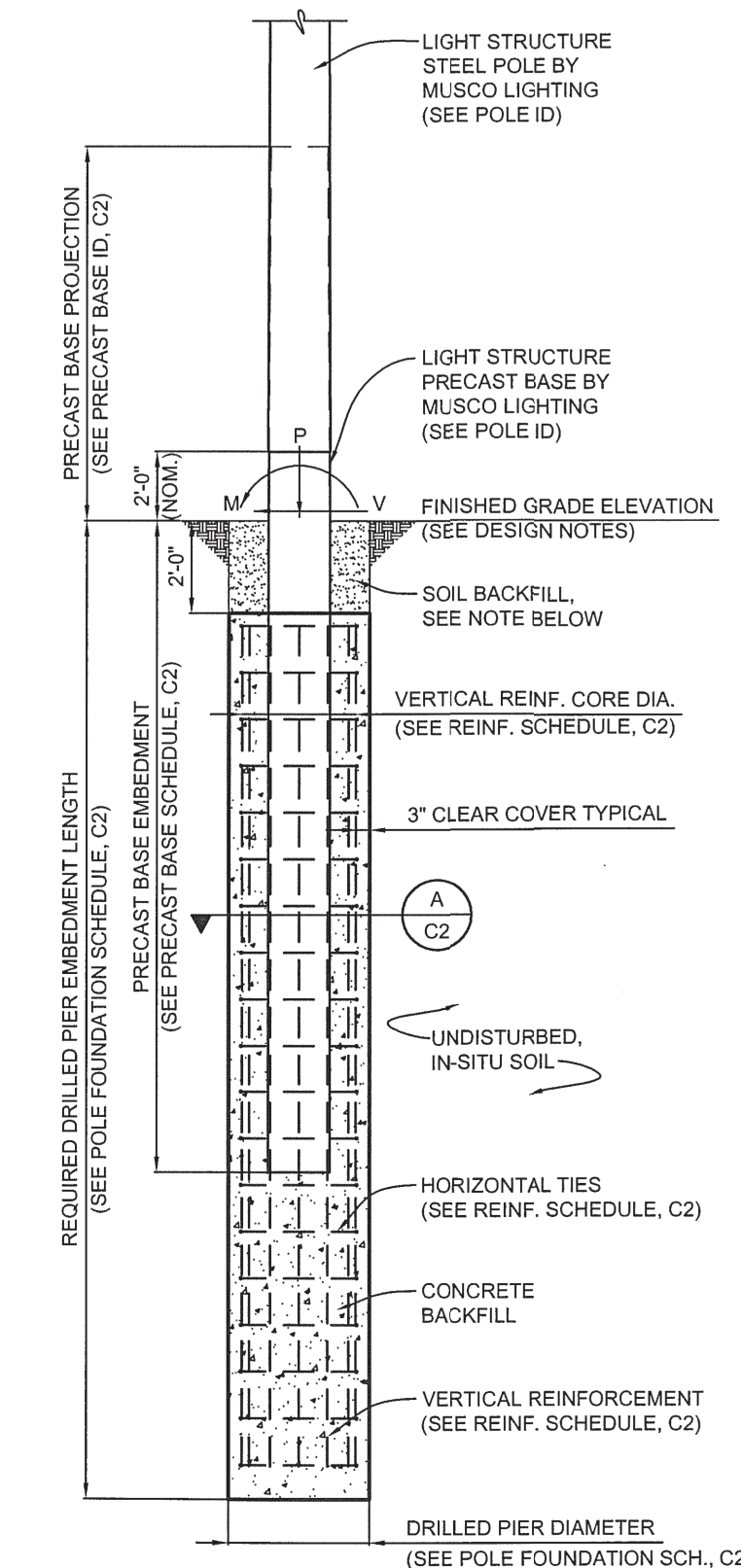
3 PICNIC TABLE ON CONCRETE PAD
NOT TO SCALE



4 PAVILION
NOT TO SCALE



5 PEDESTRIAN LIGHT POLE AND CONCRETE BASE
NOT TO SCALE



6 ATHLETIC LIGHT POLE FOUNDATION
NOT TO SCALE

NOTE: STRUCTURAL ENGINEER TO REVIEW FINAL DESIGN.



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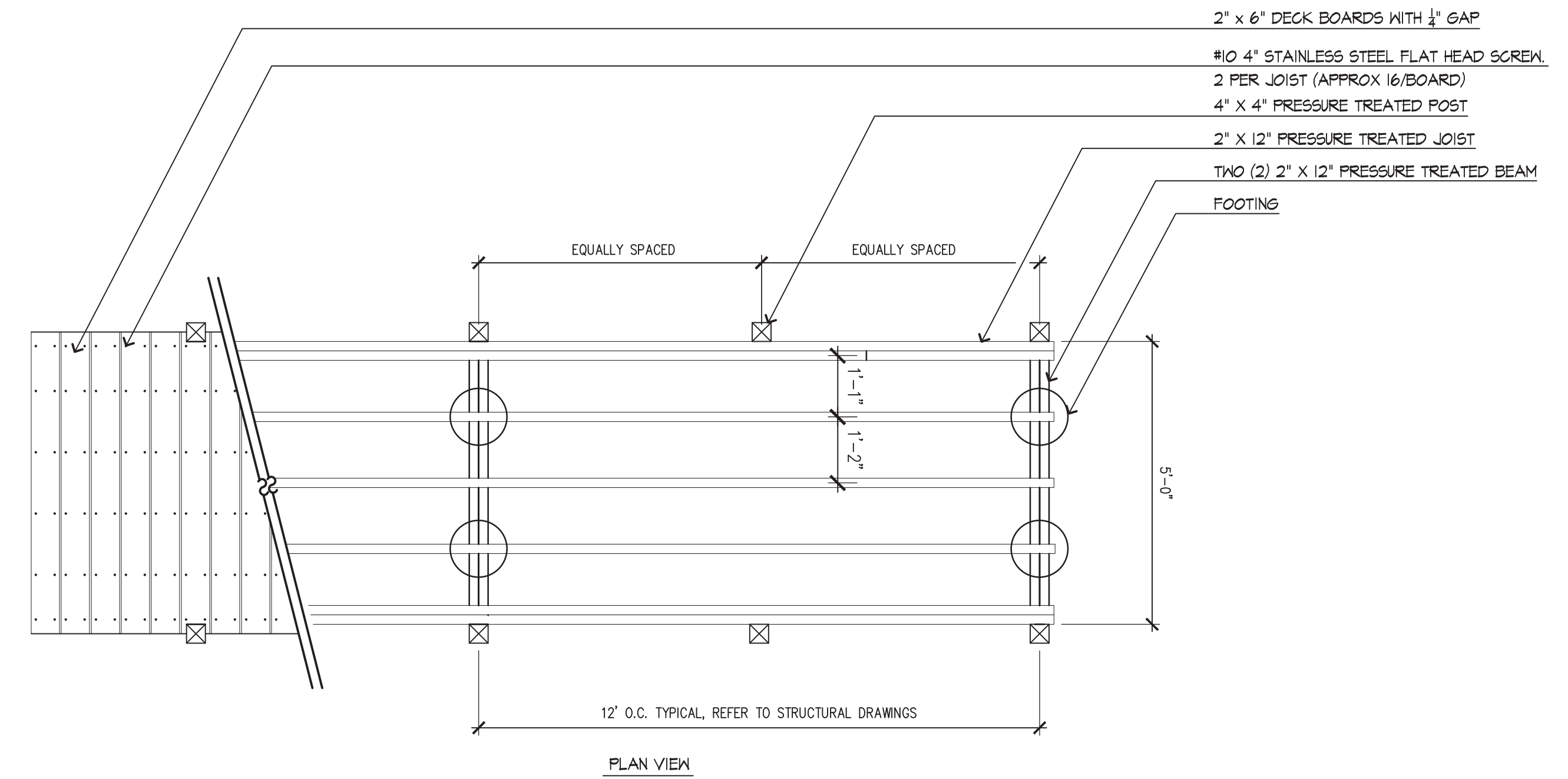
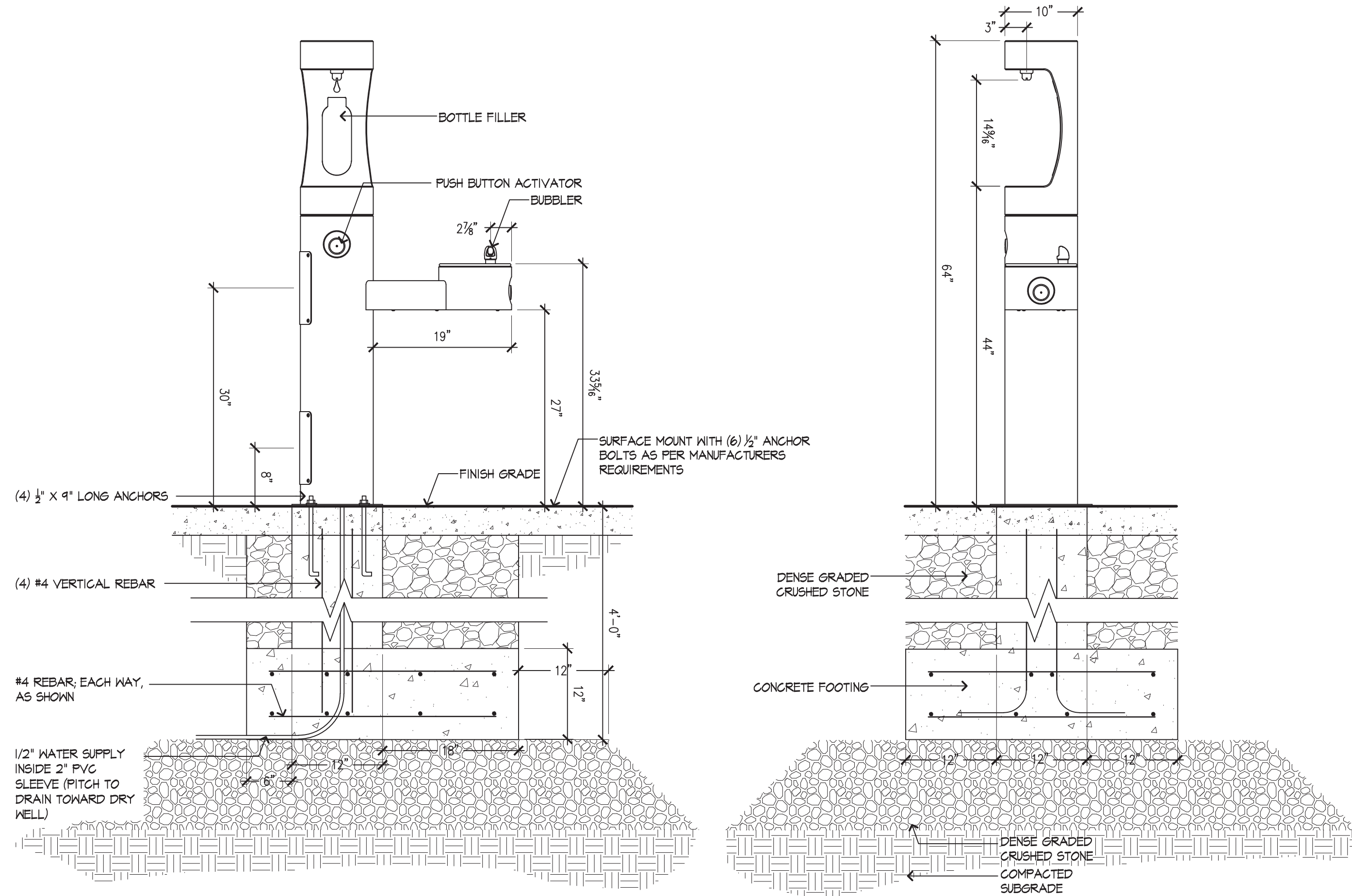
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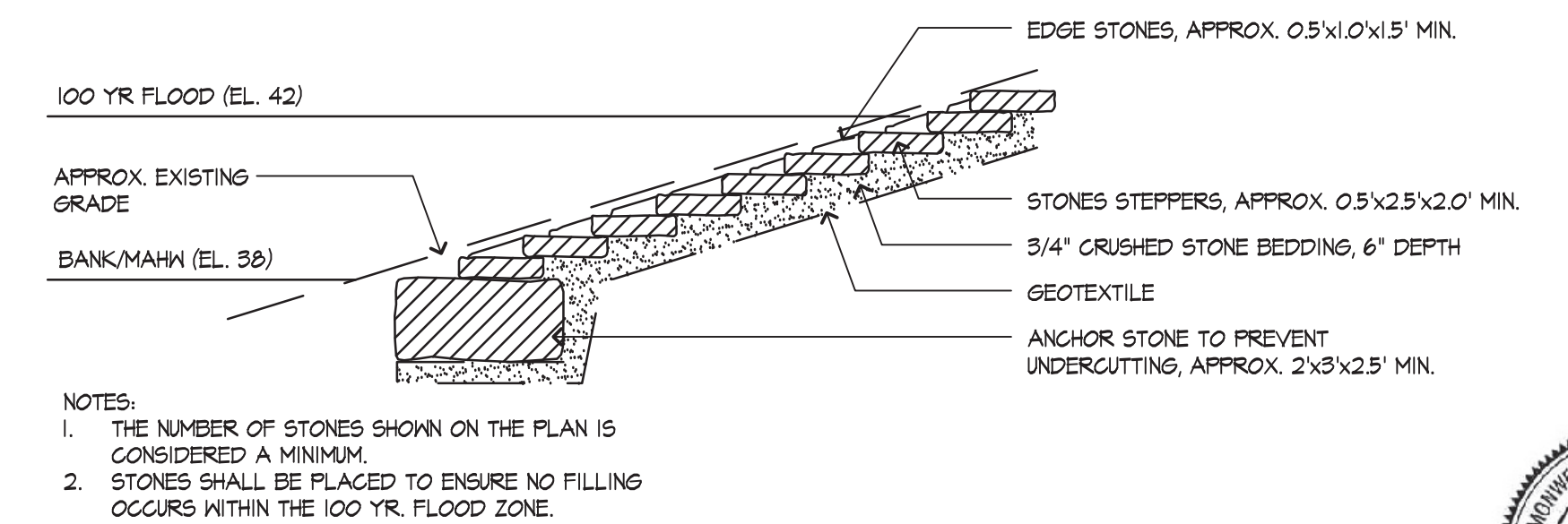
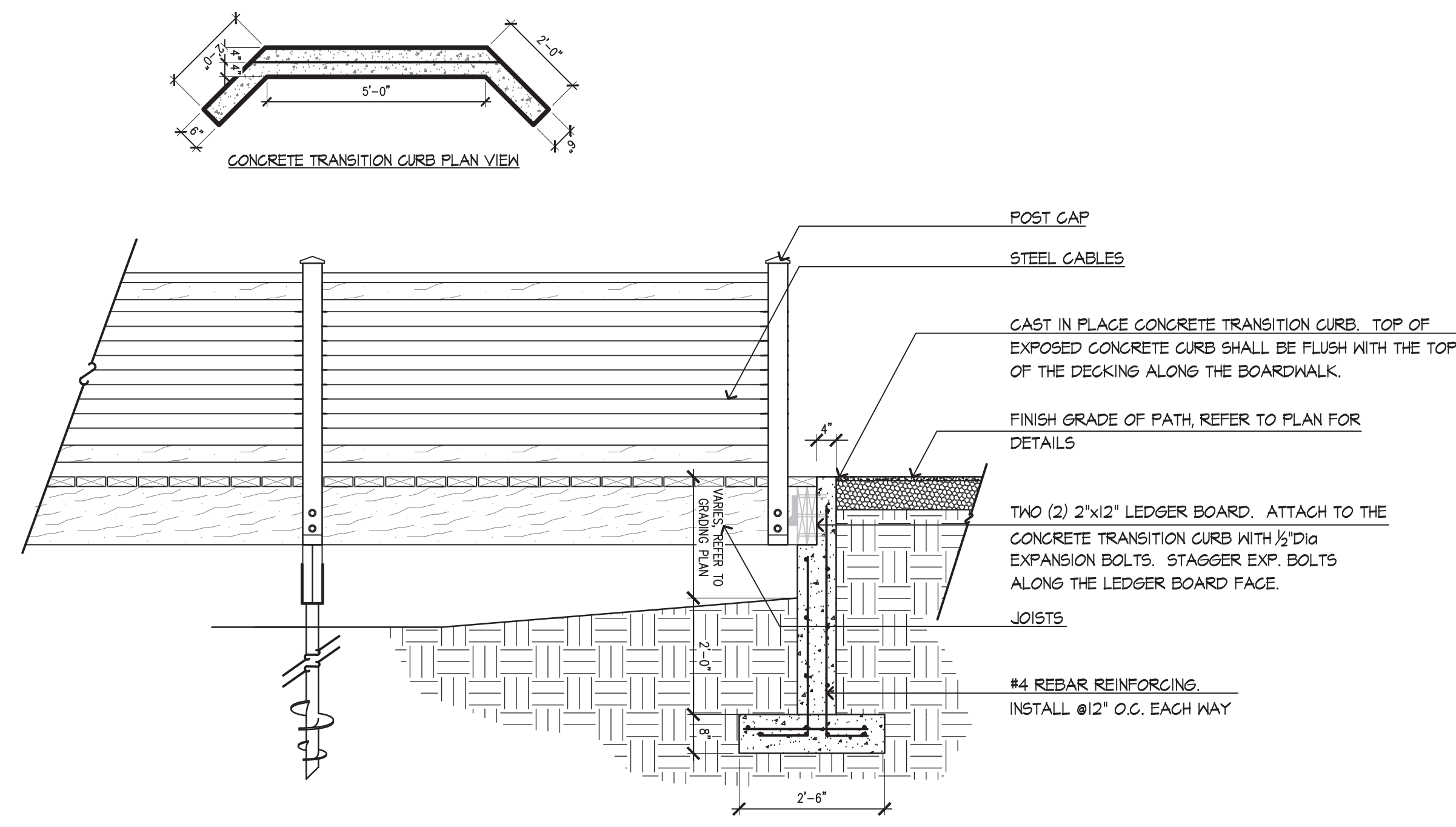
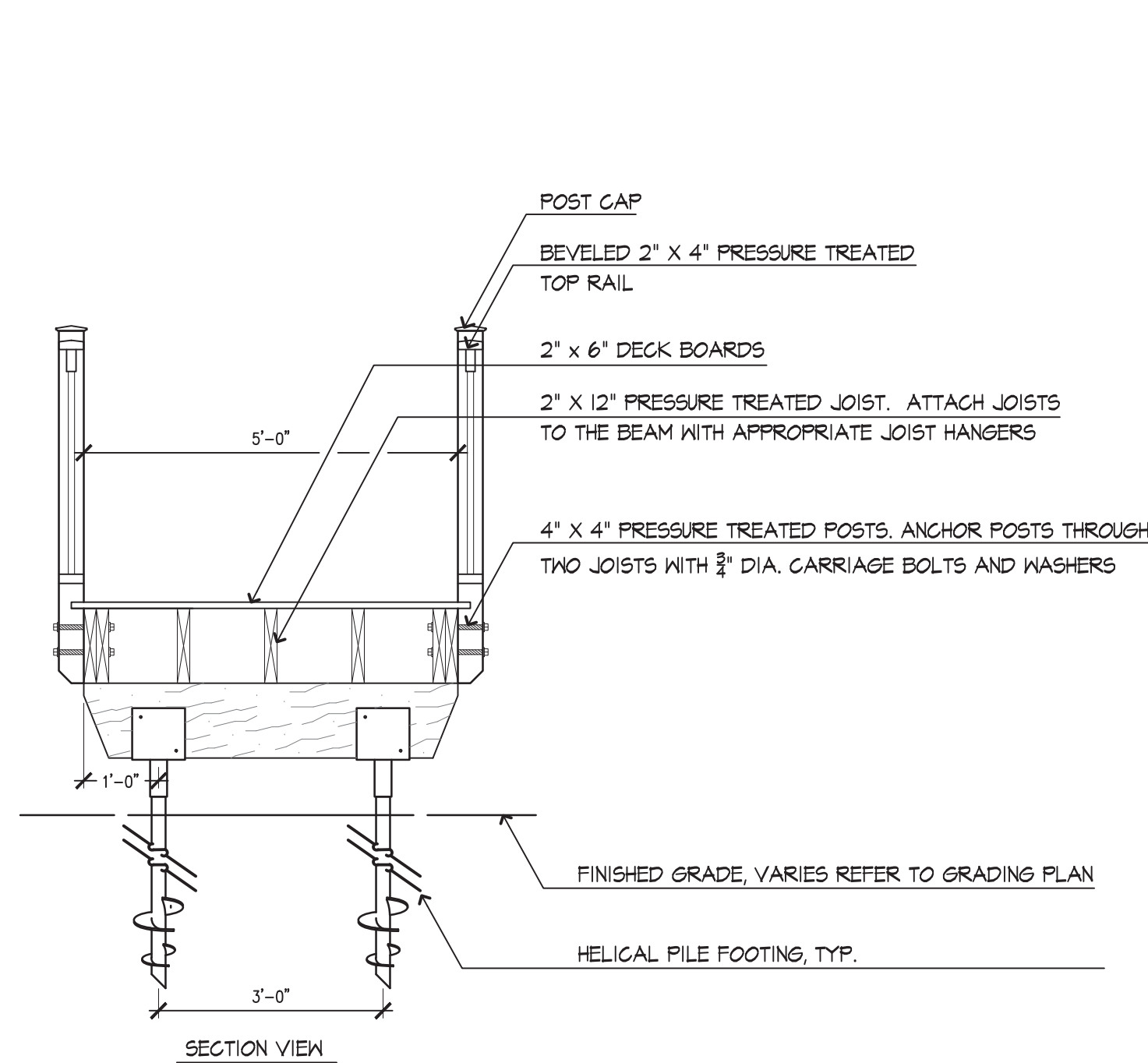
Sheet Name.: **SITE DETAILS 2**

Sheet No.: **L10.**



1 DRINKING FOUNTAIN
NOT TO SCALE

2 BOARDWALK PLAN
NOT TO SCALE



3 BOARDWALK SECTION
NOT TO SCALE

4 TRANSITION CURB
NOT TO SCALE

5 RUSTIC STONE STEPS
NOT TO SCALE



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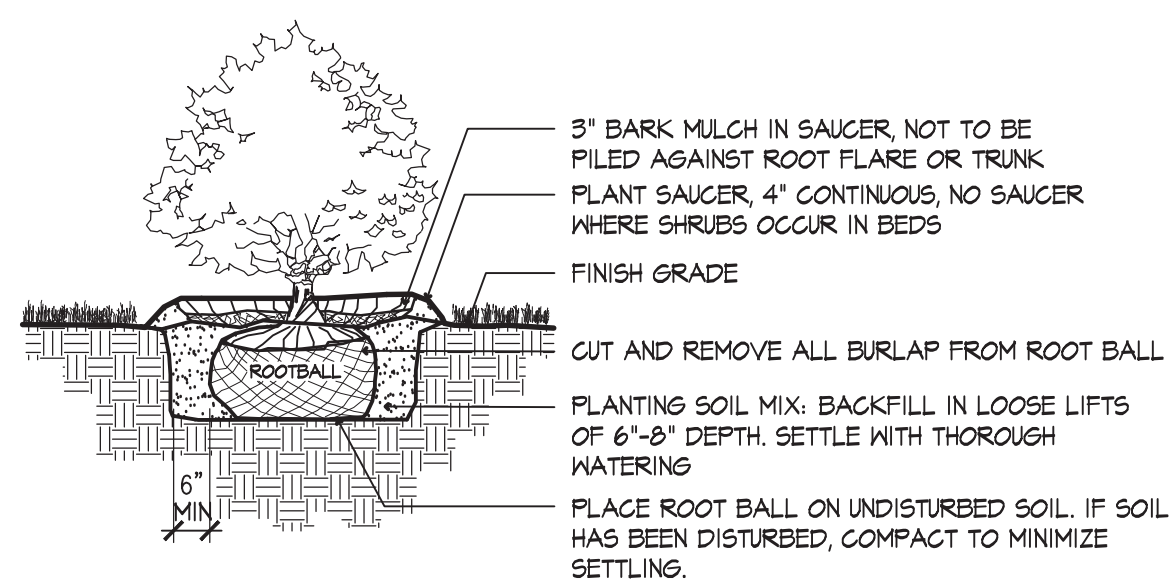
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Sheet Name.: **SITE DETAILS 3**

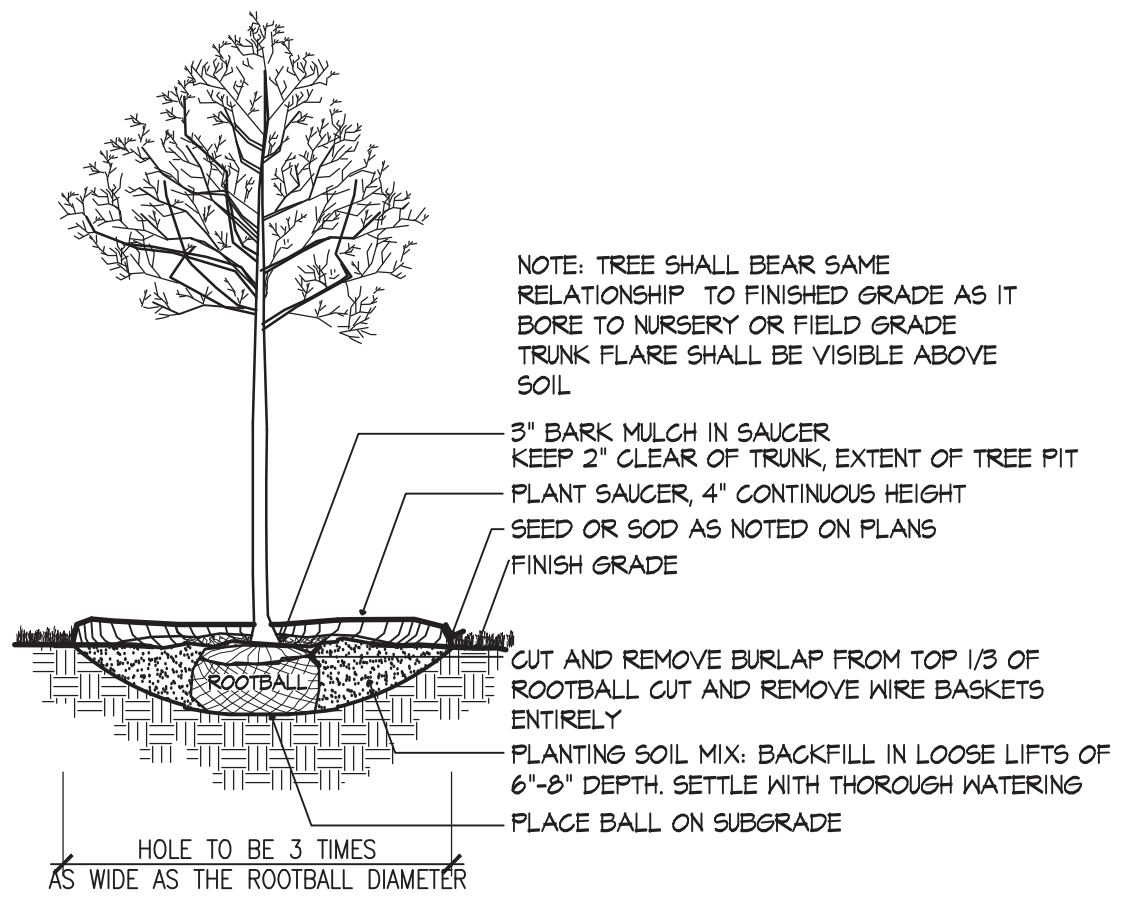
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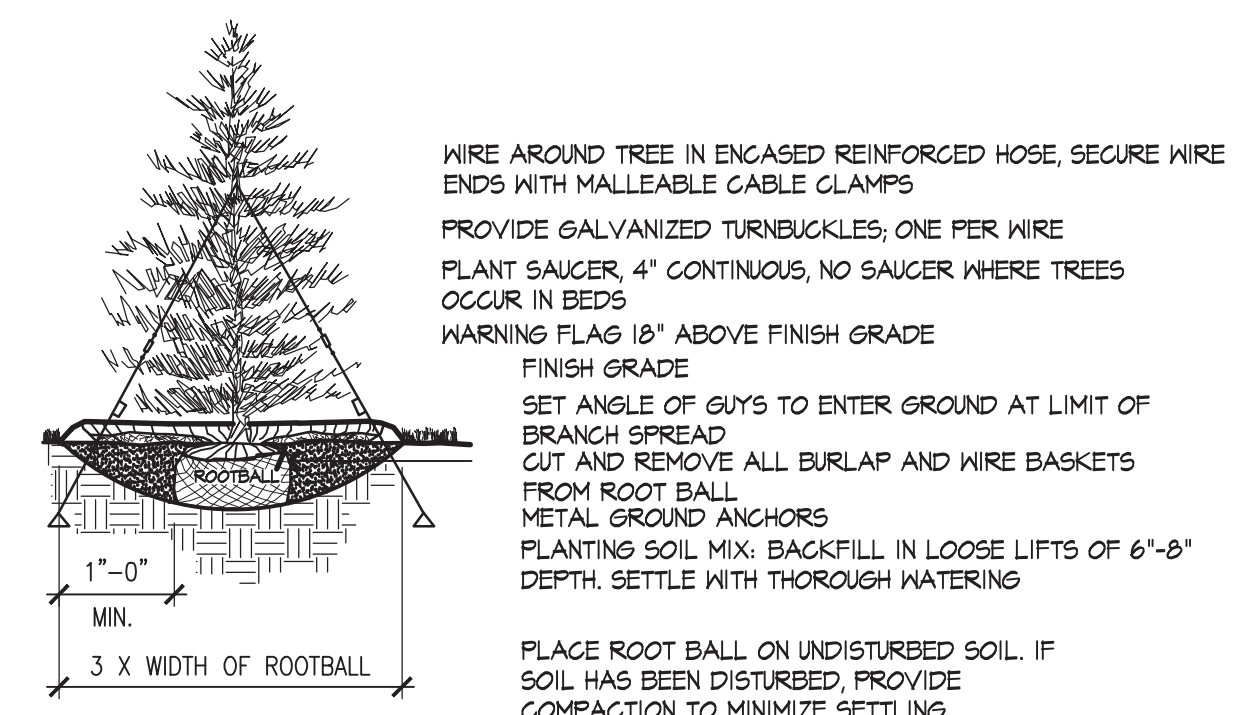


NOTES:
 1. SHRUB SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS IT BORE TO NURSERY OR FIELD GRADE
 2. WHERE SHRUBS OCCUR IN GROUPINGS IN PLANT BEDS, PROVIDE 2'-0\"/>

1 TYPICAL SHRUB PLANTING
 NOT TO SCALE

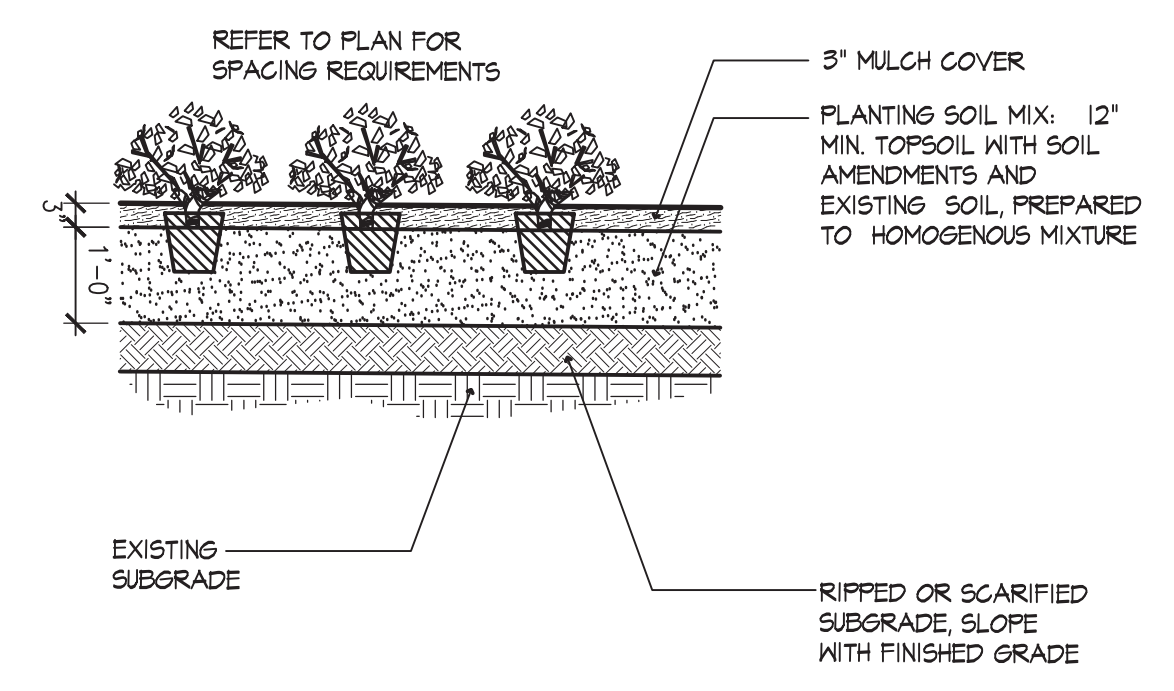


2 DECIDUOUS TREE PLANTING
 NOT TO SCALE

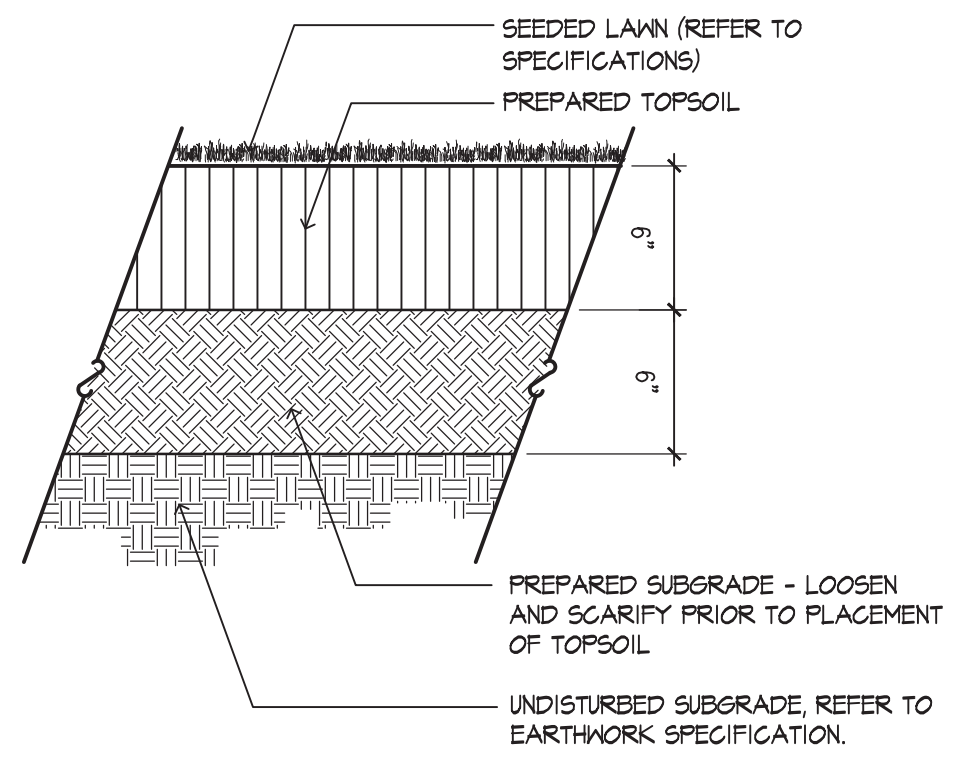


NOTE:
 1. TREE SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS IT BORE TO NURSERY OR FIELD GRADE
 2. INSTALL THREE GUYS PER TREE, EQUALLY SPACED AROUND BALL. ATTACH GUYS AT 2/3 HEIGHT OF TREE; USE DOUBLE STRAND GALVANIZED STEEL WIRE

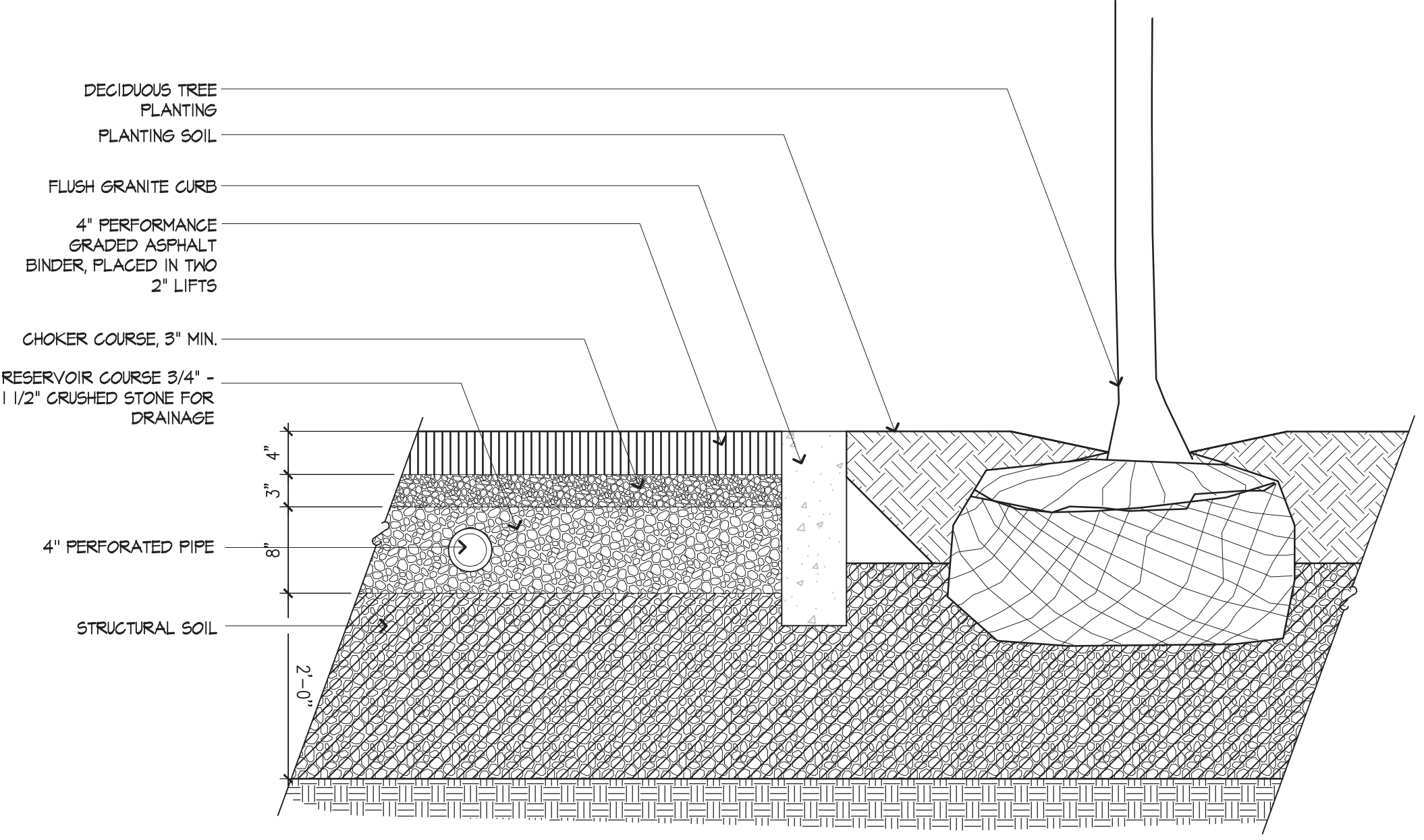
3 DECIDUOUS TREE PLANTING
 NOT TO SCALE



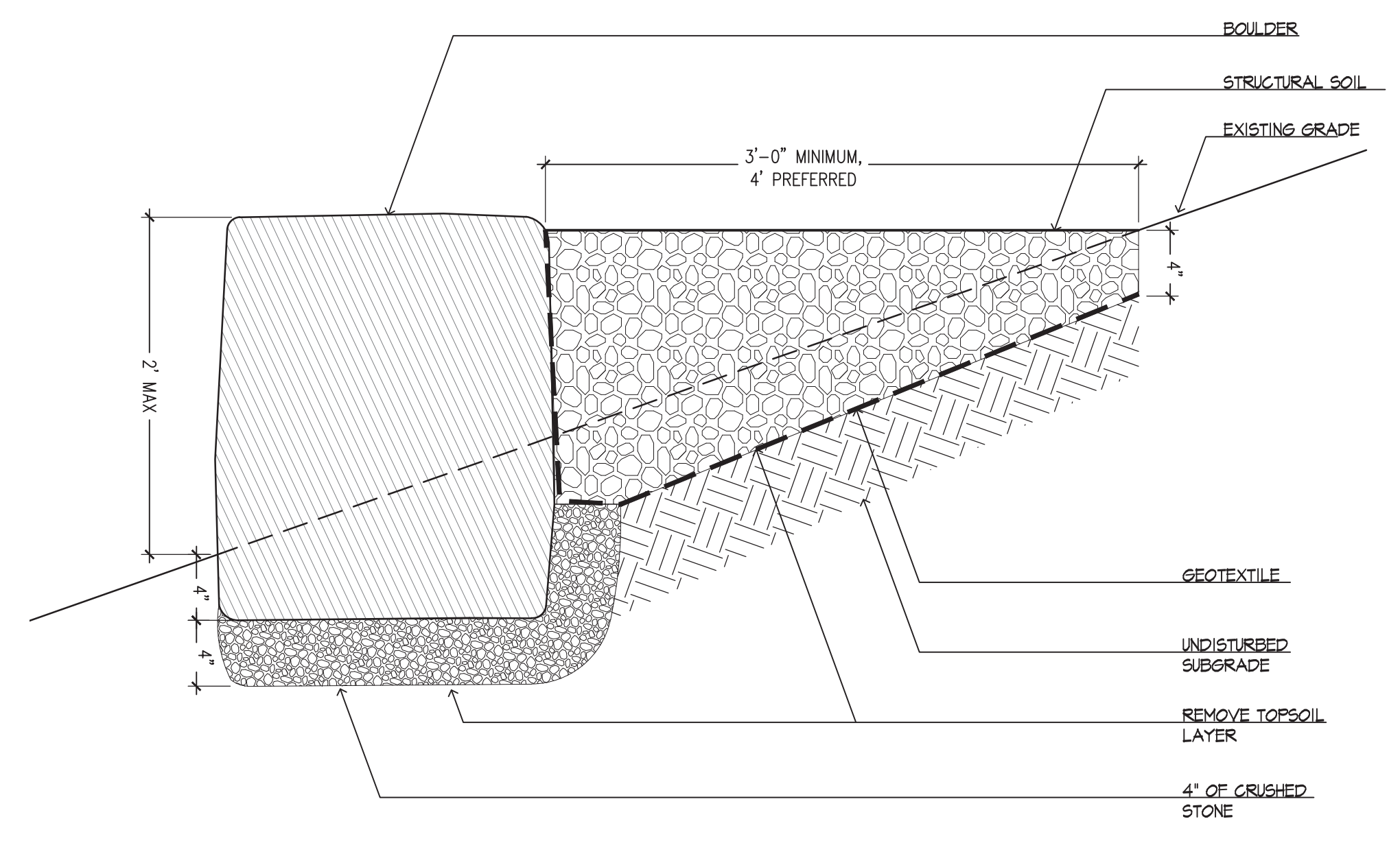
4 GROUNDCOVER PLANTING
 NOT TO SCALE



5 LOAM AND SEED
 NOT TO SCALE




6 STRUCTURAL SOIL AND POROUS BITUMINOUS PAVEMENT
 NOT TO SCALE



7 STRUCTURAL SOIL PATH WITH BOULDER RETAINING WALL
 NOT TO SCALE



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Sheet Name.: **SITE DETAILS 4**

Sheet No.: **L12.**

