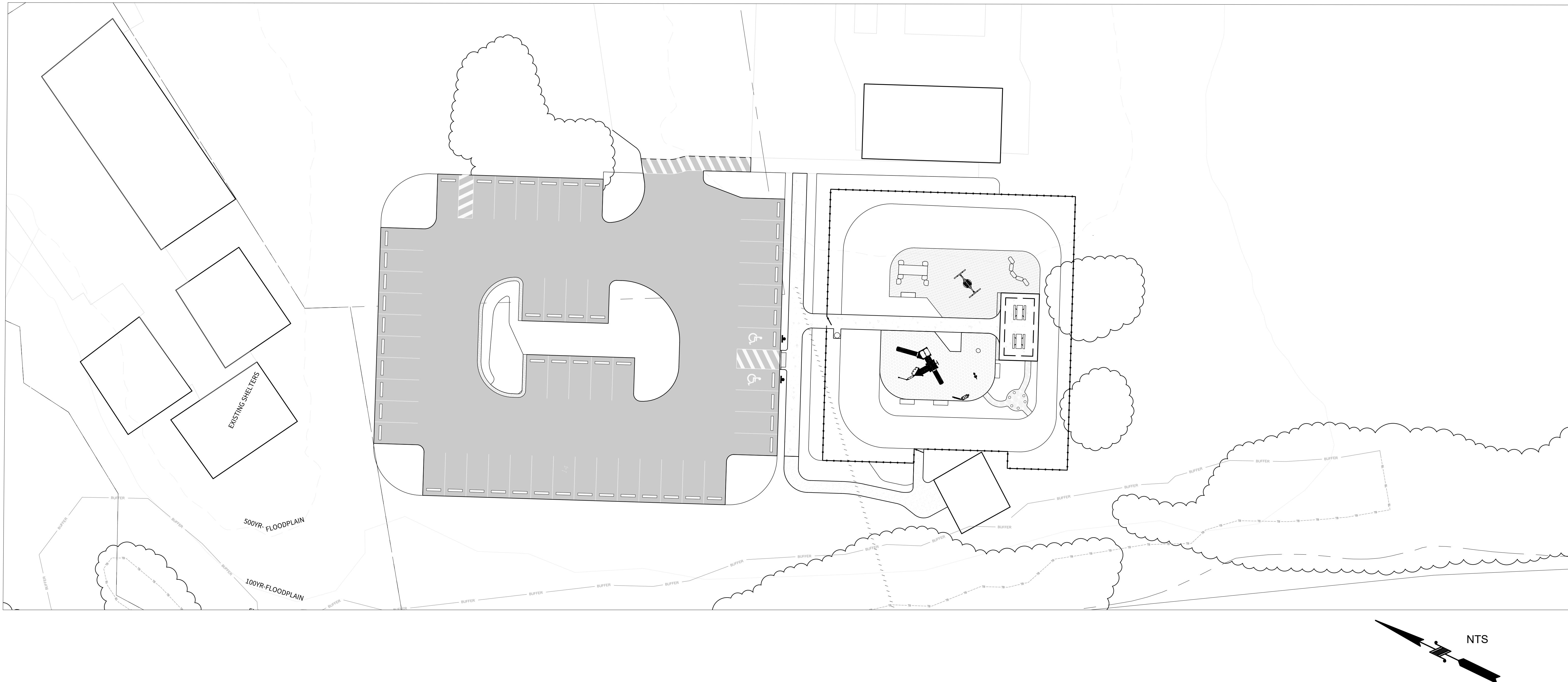


# CHAMPION PARK IMPROVEMENT PROJECT: PHASE ZERO BID SET



**PREPARED FOR:**



CLIENT/OWNER:  
Town of Rosman  
6 Main St  
Rosman, NC 28772  
(828) 884-6859

**PREPARED BY:**



LANDSCAPE ARCHITECT:  
Equinox  
14 O'Henry Avenue, Suite 206  
Asheville, NC 28801  
(828) 253-6856 (x202)  
[david@equinoxenvironmental.com](mailto:david@equinoxenvironmental.com)

**PROJECT INFORMATION:**

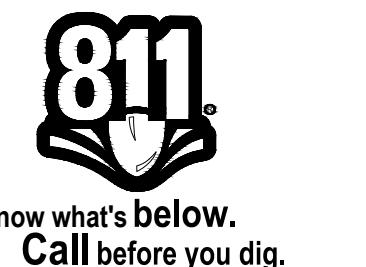
ADDRESS:  
6 Main St  
Rosman, NC 28772  
Latitude: 35.145037° N  
Longitude: -82.825478° W

PROJECT SIZE:  
Approximately 1.2 Ac Total  
Disturbance area is 1.2 Ac

All aspects of work shall be performed in accordance with all applicable local, state, and federal regulations pertaining to worker safety.

# SHEET INDEX

Sheet Number	Sheet Title
--	L0.0 Cover Sheet
L0.1	Index & General Notes
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L2.0	LAYOUT & MATERIALS
L3.0	GRADING & STORMWATER
L4.0	PLANTING PLAN
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L4.2	PLANT SCHEDULE & DETAILS
EC1.0	EROSION & SEDIMENT CONTROL
EC2.1	EC2.1 EROSION CONTROL DETAILS
EC2.0	EC2.0 EROSION CONTROL DETAILS
EC1.1	EC1.1 EROSION & SEDIMENT CONTROL
L5.0	DETAILS
L5.1	ADA DETAILS
L5.2	PLAY & STORMWATER DETAILS



## NOTES & GENERAL SPECIFICATIONS

### GENERAL:

1. CALL 811 TO LOCATE ALL UTILITIES PRIOR TO DIGGING.
2. SEDIMENTATION OF THE STORMWATER CONTROL MEASURES WILL CAUSE FAILURE, THEREFORE, INSTALL ALL STORMWATER CONTROL MEASURES ONLY AFTER ALL SEDIMENT AND EROSION ON-SITE IS CONTROLLED AND SITE IS STABILIZED AND SEDED. (SEE EROSION CONTROL MEASURE SECTION IN NOTES FOR MORE DETAIL).
3. WHERE CONFLICTS OCCUR BETWEEN NOTES, DRAWINGS, OR SPECIFICATIONS, THE CONTRACTOR SHALL NOT PROCEED WITH THE AFFECTED WORK UNTIL THE LANDSCAPE ARCHITECT ISSUES A CLARIFICATION.

### APPROVALS:

4. PRIOR TO FINAL GRADING THE DRAINAGE IN THE PROJECT AREA SHALL BE REVIEWED BY THE CLIENT AND PROJECT LANDSCAPE ARCHITECT.

### CONSTRUCTION:

5. SEE CONSTRUCTION SEQUENCE ON EROSION CONTROL SHEETS.

6. BURNING IS NOT PERMITTED.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL APPLICABLE BUILDING PERMITS, LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE SPECIFIED WORK.

8. ALL ASPECTS OF WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS PERTAINING TO WORKER SAFETY.

9. ALL PAVING MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NC DOT "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES".

10. CONTRACTOR SHALL COORDINATE ALL SITE ACTIVITIES WITH OWNER OR DESIGNATED REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DELIVERY, STORAGE, AND HANDLING OF ALL MATERIALS REQUIRED FOR THE PROJECT.

11. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 30 WORKING DAYS FOLLOWING THE COMPLETION OF LAND DISTURBING ACTIVITIES. IF THERE ARE MORE STRINGENT SOIL STABILIZATION GUIDELINES PUT IN PLACE BY LOCAL, COUNTY, STATE, OR FEDERAL AGENCIES OR CALLED FOR BASED ON PERMIT REQUIREMENTS THEN THE MORE STRINGENT GUIDELINES SHALL CONTROL AND GOVERN ON THE PROJECT.

12. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SPOIL MATERIAL OFF OF THE OWNER'S PROPERTY IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL LAWS AND REGULATIONS AS THE PRE-DETERMINED LANDFILL SITE. LANDFILL SHALL NOT INCLUDE IN THE CONTRACTOR'S PROPERTY THOSE ITEMS INCLUDES AND SURPLUS SITE MATERIAL, INSOLUBLE TOPSOIL, ROCK, OBSTRUCTIONS, DEMOLITION MATERIALS AND WASTE MATERIALS (INCLUDING TRASH AND DEBRIS). ANY BORROW SITE UTILIZED FOR BORROW MATERIAL IS REQUIRED AN APPROVED EROSION AND SEDIMENT CONTROL CERTIFICATE/PERMIT PRIOR TO THE INITIATION OF THE LAND DISTURBING ACTIVITY.

13. CONTRACTOR TO FURNISH AND PROVIDE THIRD PARTY MATERIAL TESTING AS PART OF CONSTRUCTION BID.

14. CONTRACTOR TO FURNISH AND PROVIDE THIRD PARTY GEOTECHNICAL EVALUATION OF SUBGRADE TO ENSURE ADEQUATE BEARING.

15. CONTRACTOR TO CONFORM TO OWNER'S SAFETY PROTOCOL AND PROVIDE A SITE SPECIFIC SAFETY PLAN AND OTHER DOCUMENTATION AS NECESSARY.

16. FOR PLASTIC SEWER PIPING, STORM AND SANITARY, AN INSULATED COPPER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO AND OVER THE FULL LENGTH OF THE PIPING. THE TRACER WIRE SIZE SHALL BE NOT LESS THAN 14 AWG AND THE INSULATION TYPE SHALL BE LISTED FOR DIRECT BURIAL.

17. ALL FASTENERS TO BE GALVANIZED STEEL UNLESS OTHERWISE SPECIFIED.

18. ALL WOOD TO BE PRESSURE TREATED UNLESS OTHERWISE SPECIFIED.

### GRADING:

19. ALL PROPOSED SPOT GRADES AND CONTOURS SHOW FINISH GRADE.

20. ALL CUT SLOPES AND FILL SLOPES TO BE 2:1 AND 3:1 RESPECTIVELY UNLESS OTHERWISE INDICATED.

21. CROSS SLOPES ON SIDEWALKS SHALL NOT EXCEED 1.9%.

22. GROUND SURFACE SHALL BE SHAPED TO PROVIDE POSITIVE DRAINAGE. A MIN. OF 2% IN THE DIRECTION OF DESIRED DRAINAGE IS REQUIRED FOR NON PAVED SURFACES AND A MIN. OF 1% FOR PAVED SURFACES.

### GEOTECHNICAL:

23. IF SOFT OR UNSUITABLE SOILS SUCH AS UNDOCUMENTED FILL OR MOISTURE SENSITIVE SOILS ARE OBSERVED, AT FOOTING LOCATIONS OR LOCATIONS REQUIRING COMPACTION, THE UNSUITABLE SOILS SHOULD BE UNDERCUT AND REMOVED. ANY UNDERCUT SHOULD BE BACKFILLED WITH CRUSHED STONE, ENGINEERED FILL, OR LEAN CONCRETE UP TO THE ORIGINAL DESIGN BOTTOM OF THE FOOTING AND/OR SURFACE BASE COURSE.

24. PROOF ROLLING SHOULD BE CONDUCTED BEFORE THE LAYING OF ANY BASE LAYER OF PAVING.

### CONCRETE:

25. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE SHALL HAVE NATURAL SAND FINE AGGREGATE, EMBEDDED FIBERGLASS, AND NORMAL WEIGHT COARSE AGGREGATES CONFORMING TO ASTM C33, TYPE I PORTLAND CEMENT CONFORMING TO ASTM C150, AND SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH (FC) AT 28 DAYS:

- 25.1. FOOTINGS 3000 PSI W/ (ENTRAINED AIR & FLY ASH OPTIONAL)

- 25.2. SLABS 4000 PSI W/ 5% ENTRAINED AIR AND FLY ASH

- 25.3. EXTERIOR WALKS 4000 PSI W/ 5% ENTRAINED AIR AND FLY ASH

26. SCHEDULE OF CONCRETE FINISHES (UNLESS OTHERWISE SPECIFIED ON PLANS):

- SLABS: NON-SLIP STIFF BROOM FINISH.

- EXTERIOR SIDEWALKS AND PATHS: NON-SLIP STIFF BROOM FINISH.

- ALL UNPOSED CONCRETE SURFACES: U.O.N. ROUGH FORM FINISH.

- ALL EXPOSED CONCRETE SURFACES: U.O.N. SMOOTH RUBBED FINISH.

27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ANCHOR BOLTS, CLIPS, INSERTS, CONNECTION PLATES, SLEEVES, SLOTS, AND OTHER REQUIRED ITEMS IN ACCORDANCE WITH THE CONTRACT DRAWINGS, AND IN COOPERATION WITH OTHER TRADES PRIOR TO PLACING THE CONCRETE.

28. CONTROL JOINTS TO BE GROOVED WHEN CONCRETE IS STILL WET AND PLIABLE. (1/8" - 1/4" WIDTH BY 1/8" DEEP) WITH A MINIMUM OF EVERY 5' AND MAXIMUM OF EVERY 12' OF CONCRETE SURFACE OR PAD. FOUNDATION CONCRETE SHOULD BE PLACED THE SAME DAY AS EXCAVATION FOR FOUNDATION AND FOOTINGS.

### CONCRETE REINFORCEMENT:

29. CONCRETE REINFORCEMENT BARS SHALL CONFORM TO ASTM A615, GRADE 60. REINFORCEMENT DESIGNATED AS CONTINUOUS SHALL LAP 36 BAR DIAMETERS AT SPLICES, UNLESS NOTED OTHERWISE.

30. ALL CONCRETE REINFORCEMENT BARS SHALL BE ACCURATELY AND SECURELY TIED AND ANCHORED IN PLACE TO PREVENT DISLOCATION DURING THE CONCRETE PLACEMENT OPERATION.

31. MINIMUM CONCRETE COVER PROTECTION FOR REINFORCEMENT BARS SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE COMMITTEE 318, SECTION 7.7, UNLESS NOTED OTHERWISE.

32. WHERE REINFORCEMENT BARS ARE NOT USED, USE FIBER REINFORCEMENT AS SHOWN IN DETAILS.

33. CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TESTING AS REQUIRED DURING CONSTRUCTION, TO BE APPROVED BY THE OWNER

### STONE & ROCK:

34. IF EXISTING STONE AND ROCK MATERIAL ON SITE IS SUITABLE AND EQUIVALENT TO THE MATERIAL SPECIFIED, CONTRACTOR MAY UTILIZE ON SITE MATERIAL INSTEAD OF QUARRY MATERIAL WITH PRIOR APPROVAL REQUIRED BY LANDSCAPE ARCHITECT.

35. SAMPLES OF EACH TYPE OF ROCK ARE TO BE APPROVED ON SITE BY LANDSCAPE ARCHITECT PRIOR TO APPROVAL.

36. RIVER ROCK/COBBLE TO BE MIXED SIZES UNLESS OTHERWISE SPECIFIED. AVERAGE SIZE: 2"-4" (SMALL); 6"-8" (MEDIUM); AND 10"-12" (LARGE) / NOTIFY LANDSCAPE ARCHITECT IF PRODUCTS VARY FROM THIS SIZE RANGE.

37. ALL ROCK TO BE WASHED IMMEDIATELY BEFORE DELIVERY, UNLESS OTHERWISE SPECIFIED.

### PLANTING:

38. CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS AND SITE CONDITIONS. NO PLANT SUBSTITUTIONS ALLOWED UNLESS WRITTEN PERMISSION FROM LANDSCAPE ARCHITECT IS GIVEN.

39. IF THERE IS A DISCREPANCY BETWEEN THE QUANTITY OF PLANTS SHOWN ON THE PLAN AND THE QUANTITIES IN THE PLANT SCHEDULE USE THE HIGHER NUMBER OF PLANTS. IF THIS OCCURS NOTIFY THE PROJECT LANDSCAPE ARCHITECT, EQUINOX.

40. ALL PLANTING BEDS ARE TO BE CLEANED OF ROCKS AND DEBRIS >1", TILLED TO 12" DEPTH AND AMENDED WITH 3" OF NATURES HELPER (OR APPROVED EQUAL), THEN THOROUGHLY TILLED TOGETHER. SEE STONE & ROCK.

41. PLANTING SOIL SHALL BE TOPSOIL AMENDED WITH 3" OF NATURES HELPER (OR APPROVED EQUAL) AND THOROUGHLY TILLED TOGETHER.

42. ANY REMAINING DISTURBED, NON-PLANTED AREAS ARE TO BE FINE GRADED AND SEDED WITH FESCUE BLEND OR MULCHED AS NOTED ON PLAN.

43. ALL PLANTS, MATERIALS, PLANTING AND SEEDING ACTIVITIES SHALL CONFORM TO LANDSCAPE INDUSTRY STANDARDS, COMPLY WITH SIZING AND GRADING STANDARDS OF THE LATEST EDITION OF "AMERICAN STANDARD OF NURSERY STOCK". PROVIDE STOCK TRUE TO BOTANICAL NAME AND LEGIBLY TAGGED.

### EROSION CONTROL MEASURES:

44. STOCKPILE LOCATION(S) TO BE APPROVED BY LANDSCAPE ARCHITECT.
45. KEEP PLANT SPECIES MOIST AND SHADED UNTIL INSTALLATION. DO NOT LEAVE IN THE SUN OR LET PLANTS DRY OUT. SATURATE PLANTS AFTER INSTALLATION. PLANTS SHALL NOT BE DELIVERED ON-SITE PRIOR TO 5 DAYS BEFORE INSTALLATION.
46. DIG, PACK, TRANSPORT AND HANDLE ALL PLANTS WITH CARE TO ENSURE PROTECTION FROM INJURY. STORE PLANTS IN THE MANNER NECESSARY TO ACCOMMODATE THEIR HORTICULTURAL REQUIREMENTS. HEEL-IN PLANTS IF NECESSARY TO PROTECT ROOT BALLS AND KEEP FROM DRYING OUT.
47. ALL PLANTS TO BE INSPECTED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. IF ANY PLANTS ARE IN POOR CONDITION, UNHEALTHY LOOKING, DISEASED, OR DYING THE CONTRACTOR WILL REPLACE AS REQUESTED BY LANDSCAPE ARCHITECT OR THE OWNER.
48. DURING INSTALLATION, THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY CONDITIONS WHICH MAY BE HARMFUL TO PLANT LIFE, SUCH AS HAZARDOUS MATERIALS, ETC. LANDSCAPE ARCHITECT SHALL MAKE RECOMMENDATIONS TO ADDRESS THE SPECIFIC SITUATION.
49. CONTRACTOR TO REMOVE ALL STONES OVER 1" IN DIAM. AND ALL CONSTRUCTION DEBRIS INCLUDING GRAVEL, CONCRETE, ROOTS, AND OTHER MATERIAL THAT MAY BE HARMFUL OR PREVENT PROPER ESTABLISHMENT AND OR MAINTENANCE OF PLANTING AREAS.
50. IN AREAS WHERE CONSTRUCTION MATERIAL IS EMBEDDED IN THE SOIL, CONTRACTOR SHALL REMOVE CONTAMINATED SOIL TO A DEPTH OF 8" AND ADD FILL WITH CLEAN, WEED-FREE PLANTING SOIL.
51. LARGE MATURED TREES SHALL NOT BE PLANTED UNDER OVERHEAD POWER LINES OR WITHIN SEWER RIGHTS-OF-WAY. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT TO RESOLVE ANY ISSUES BEFORE PLANTING.
52. FOR ALL B&B TREES, ROOT BALL SHALL REMAIN MOIST AT ALL TIMES AND SHOULD RETAIN SHAPE WHEN REMOVING TOP 1/2 - 2/3 OF WIRE BASKET FOR TRANSPLANTING. CONTRACTOR SHALL REMOVE TOP 1/2 OF BURLAP FROM ROOT BALL.
53. ALL PLANTINGS TO BE WATERED AFTER PLANTING IMMEDIATELY (SAME DAY) AND TO BE CONTINUED TO BE WATERED REGULARLY (2X A DAY) UNTIL CONSTRUCTION IS COMPLETE.
54. ALL CONTAINER, B&B TREES AND SHRUBS TO BE GUARANTEED FOR 1 YEAR (MINIMUM).
55. ALL MULCH TO BE DOUBLE GROUND HARDWOOD MULCH, UNLESS OTHERWISE SPECIFIED.
56. ALL PLANTING BEDS, CONTAINER TREES AND SHRUBS, AND B&B TREES TO BE MULCHED WITH NO MORE THAN 2 1/2" OF MULCH.
57. ALL EXISTING AND PROPOSED TREES WITHIN LIMITS OF DISTURBANCE AND NOT CONTAINED WITHIN A MULCHED BED ARE TO RECEIVE A 5' DIAMETER CIRCLE OF MULCH.
58. AREAS UNDER EXISTING TREE DRIP LINES ARE NOT TO BE TILLED.
59. ALL PLANT LOCATIONS TO BE APPROVED BY EQUINOX PRIOR TO INSTALLATION.
60. PLANTS TO BE PLANTED IN NATURALIZED DRIFTS, IN TRIANGULATED PATTERNS TO BLEND INTO NATURAL SETTINGS. TYPICALLY TREES AND SHRUBS CAN BE PLANTED ON 10' O.C. (ON CENTERS, TYP.) PLANTS TO BE PLANTED IN GROUPS OF 1, 3, 5, 7, 9, AND 11, TYPICAL.
61. PLANTINGS CAN BE A VARIETY OF TREE AND SHRUB MATERIALS, INCLUDING CONTAINERS AND BALL & BURLAP - SEE PLANTING DETAILS FOR INSTALLATION PROCEDURES.
62. MAINTENANCE: PRUNE UP TREES FOR CLEARANCE AT 6'0" TYPICAL.

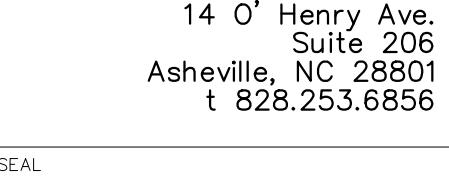
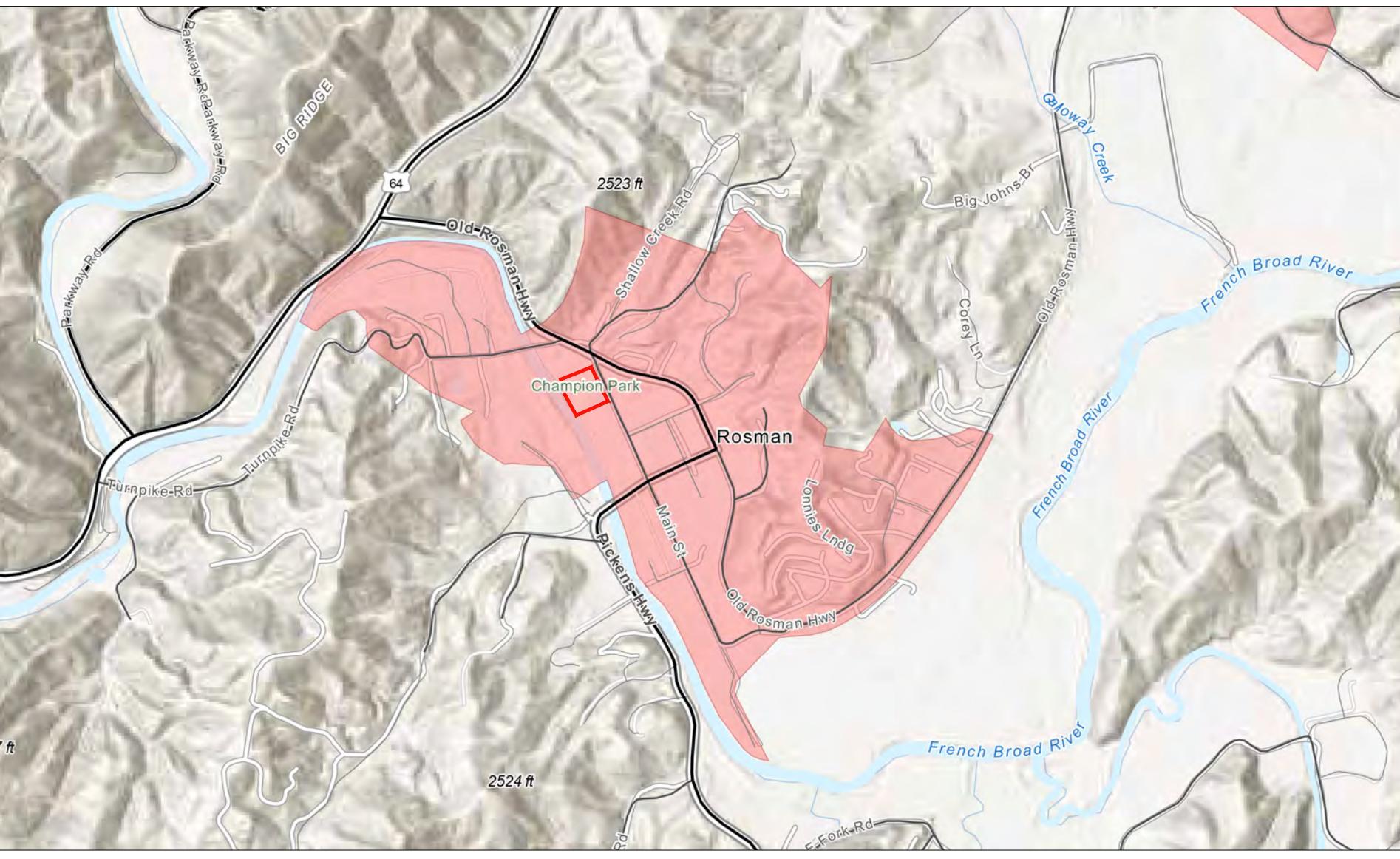
### UNIVERSAL ACCESS TRAIL GUIDELINES:

- ADA ACCESS TO RECREATION AREAS
  - CLEAR TREAD WIDTH: 60 INCH MINIMUM
  - CROSS SLOPE: NO MORE THAN 1.9%
  - RUNNING SLOPE (TRAIL GRADE) MEETS ONE OR MORE OF THE FOLLOWING: -5% OR LESS FOR ANY DISTANCE.
  - UP TO 8.33% FOR 80' MAX. RESTING INTERVALS NO MORE THAN 50' APART.
  - NO MORE THAN 30% OF THE TOTAL TRAIL LENGTH MAY EXCEED A RUNNING SLOPE OF 1:12.
  - THE MAXIMUM SLOPE OF A RAMP IS 1:12, THE MAXIMUM RISE FOR ANY RUN IS 30 INCHES, AND THE MINIMUM CLEAR WIDTH OF A RAMP IS 36 INCHES.
  - LEVEL LANDINGS ARE ALSO REQUIRED AT TOP AND BOTTOM OF EACH RAMP RUN.
- SEE SPECIFICATIONS PACKAGE FOR DETAILED AND COMPREHENSIVE NOTES AND GUIDELINES.

### EROSION CONTROL MEASURES:

63. NATURAL SURFACE TRAILS:

## VICINITY MAP



NOTE: Drawings are invalid without signed stamp by professional.

DESIGN BY: DRAWN BY: CHECKED BY:

DATE:

REVISIONS

TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772

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PHASE: BID SET

DATE: January 12, 2026

DRAWING SCALE:

AS SHOWN

NOTE: If this drawing is not 24x36" it has been revised from its original size and the scales noted on drawings/details are no longer applicable.

DRAWING NAME:



**EQUINOX**

14 0' Henry Ave.  
Suite 206  
Asheville, NC 28801  
t 828.253.6856

SEAL



DESIGN BY: DRAWN BY: CHECKED BY:

DATE

REVISIONS

**TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772**

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PHASE

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DATE

**January 12, 2026**

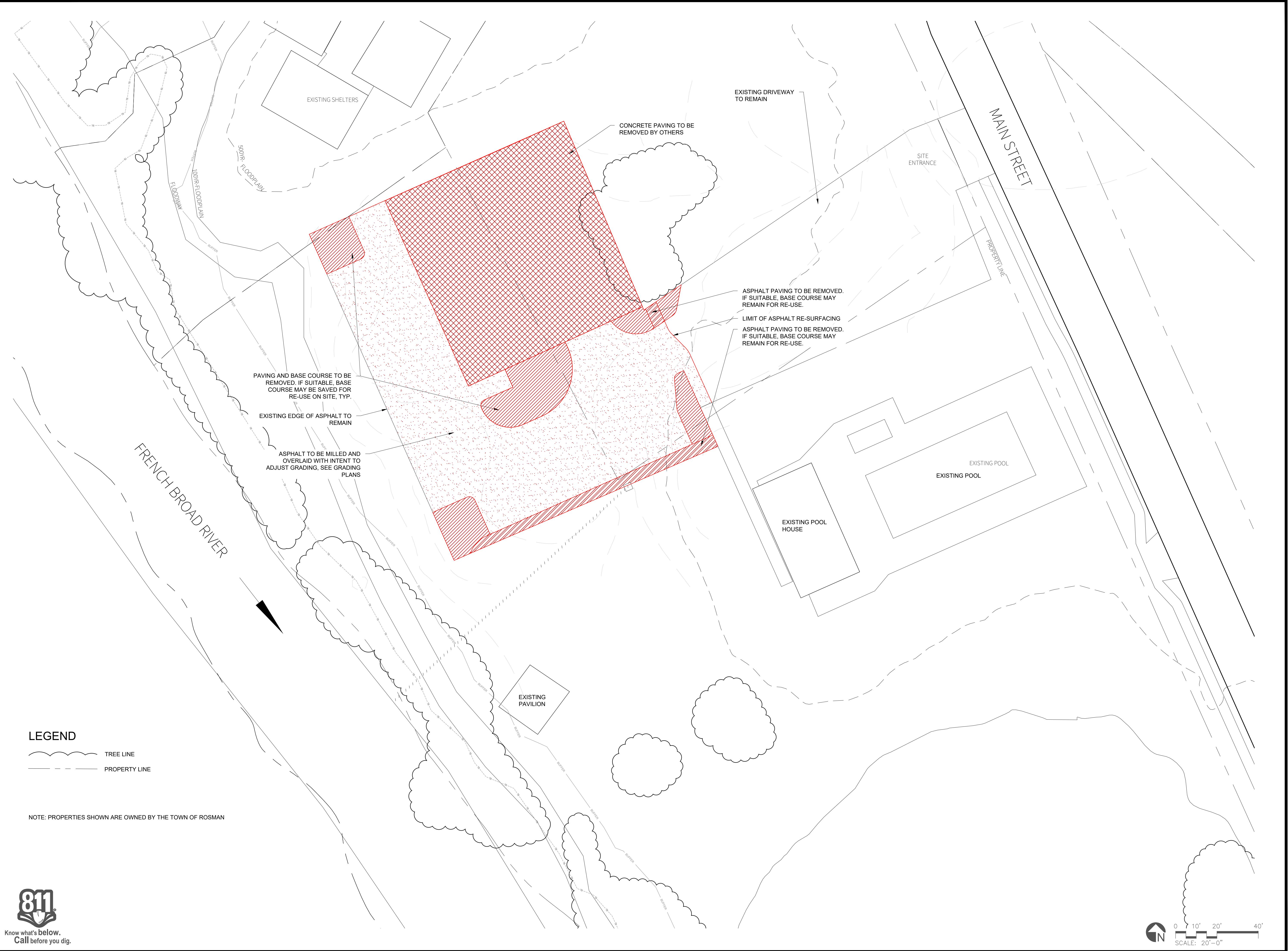
DRAWING SCALE

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DRAWING NAME

**DEMOLITION  
PLAN**

**L0.2**





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SEAL



DESIGN BY: DRAWN BY: CHECKED BY:

DATE

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Know what's below.  
Call before you dig.

TOWN OF ROSMAN  
**CHAMPION PARK**  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772

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NOTE: If this drawing is not 24x36", it has been revised from its original size and the scales noted on drawings/details are no longer applicable.

DRAWING NAME

**DELINEATION  
MAP**

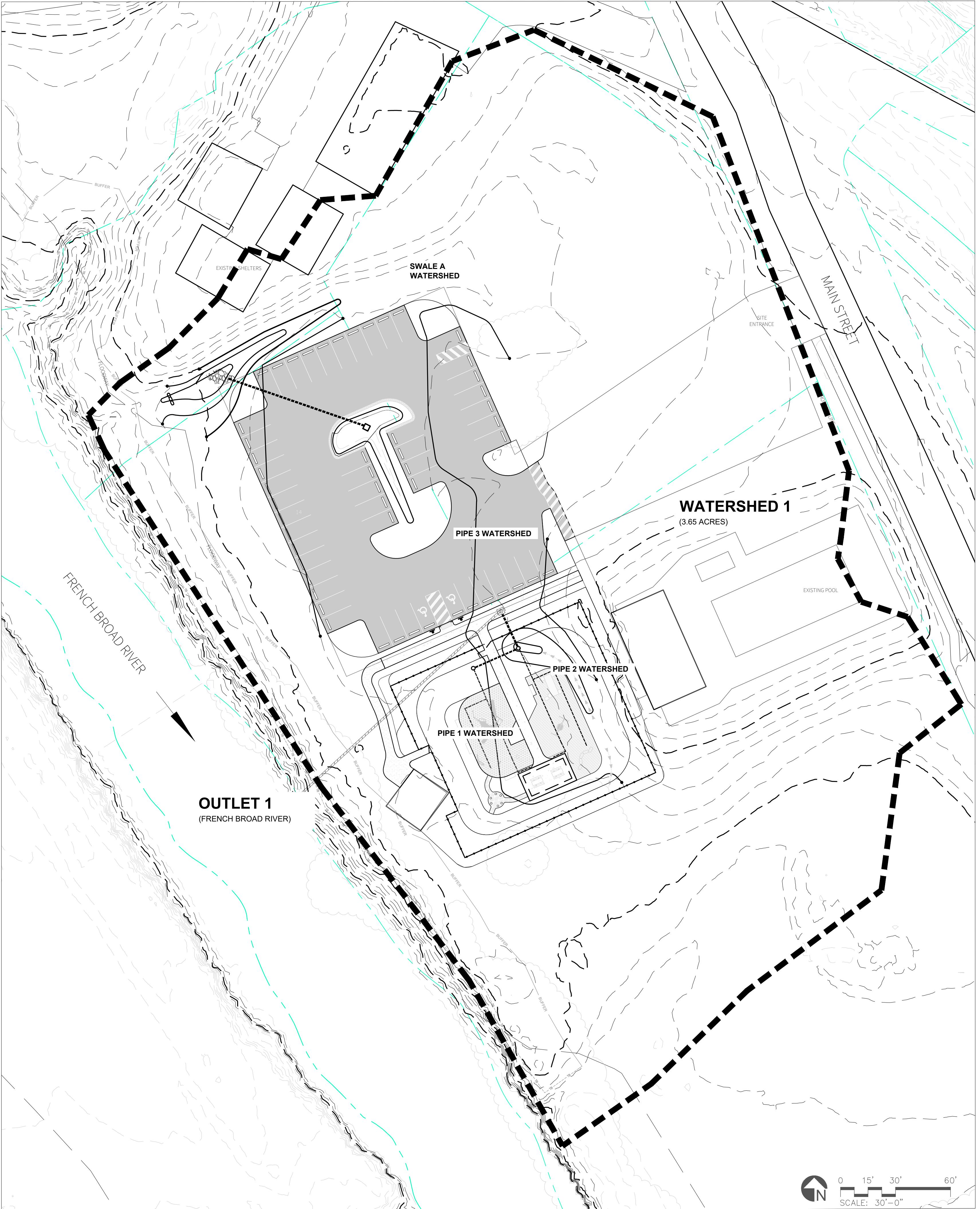
LO.3



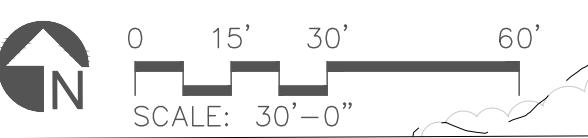
① PRE-DEVELOPMENT FLOW



② POST-DEVELOPMENT FLOW



③ DELINEATION MAP



SCALE: 30'-0"



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Suite 206  
Asheville, NC 28801  
t 828.253.6856

SEAL



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**TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772**

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DRAWING SCALE

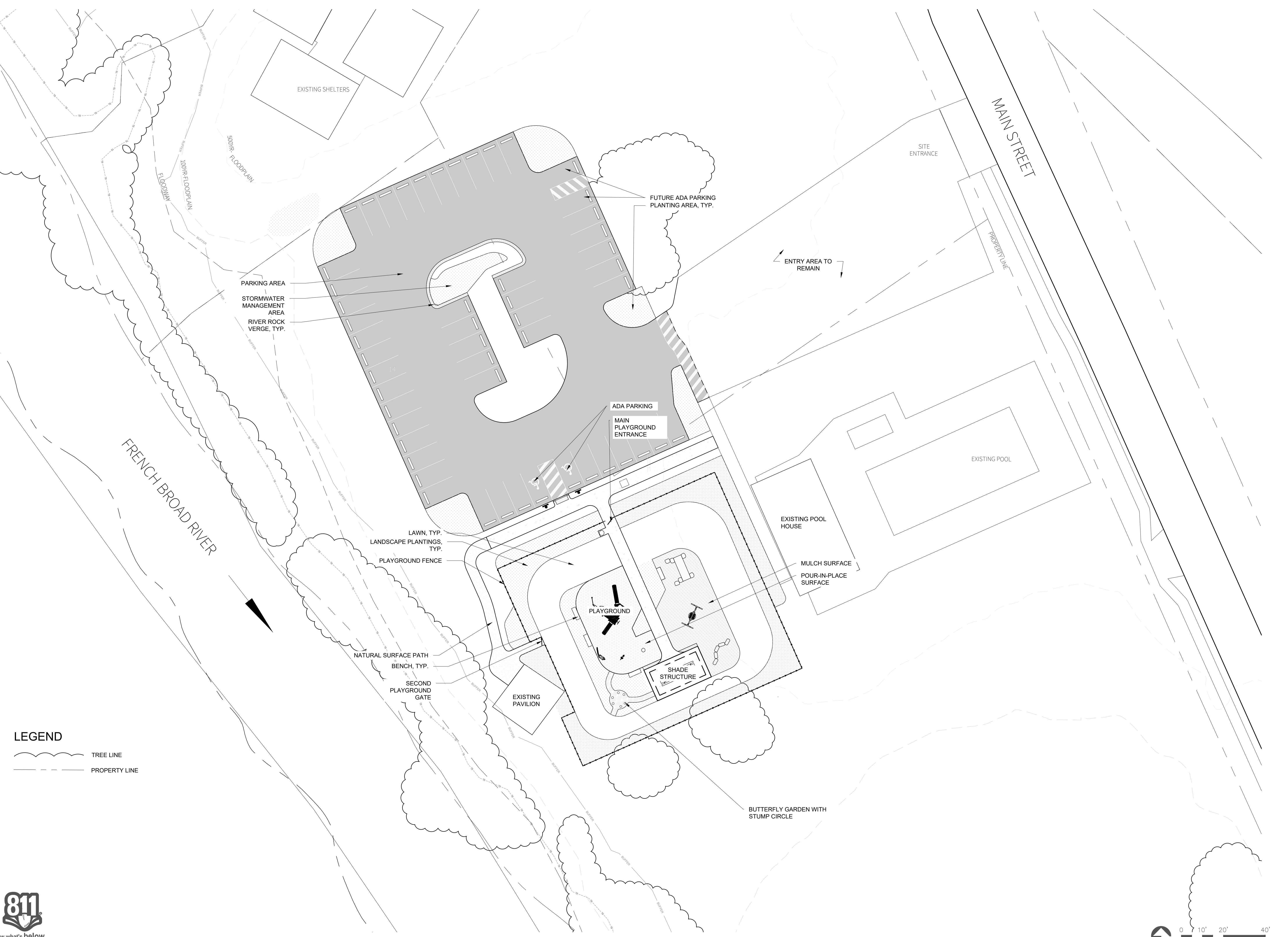
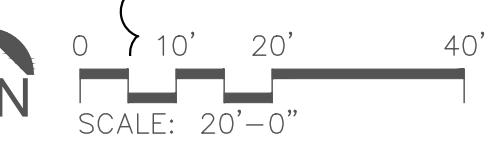
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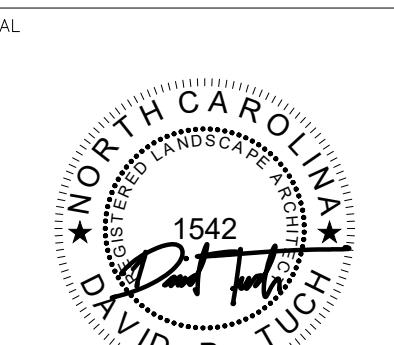
**SITE PLAN**

L1





EQUINOX  
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Suite 206  
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t 828.253.6856



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REVISIONS

TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772

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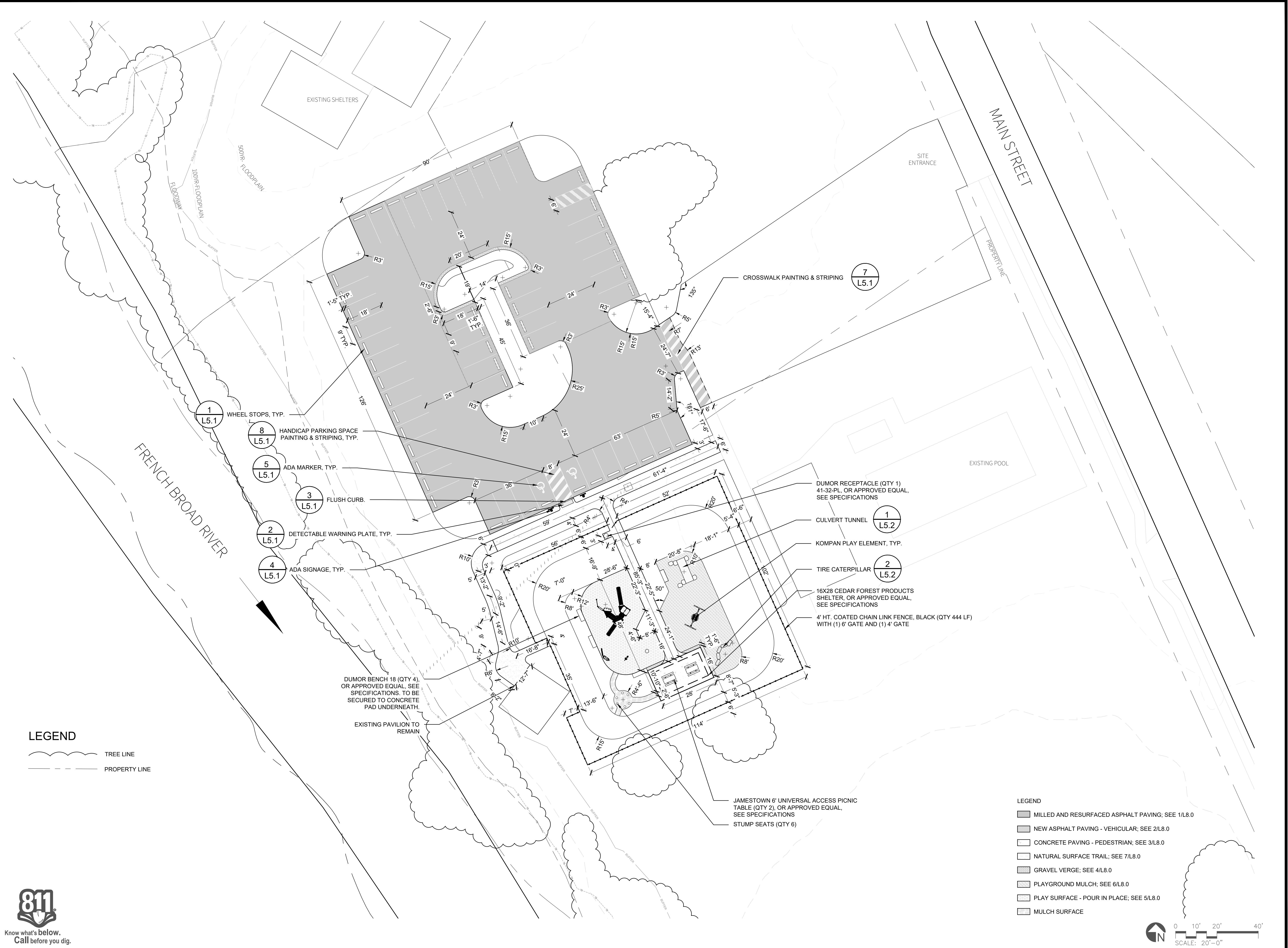
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longer applicable.

DRAWING NAME

LAYOUT &  
MATERIALS

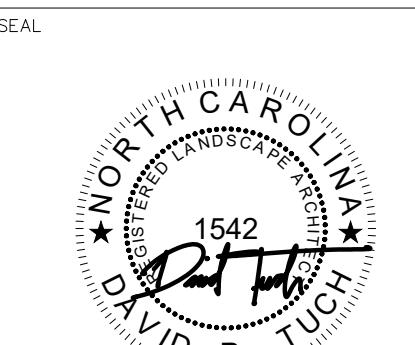
L2.0





EQUINOX

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Suite 206  
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t 828.253.6856



DESIGN BY: DRAWN BY: CHECKED BY:

DATE:

9/18/25

REVISIONS:

1 IDENTIFIED OUTFALL PER COMMENTS

TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772

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January 12, 2026

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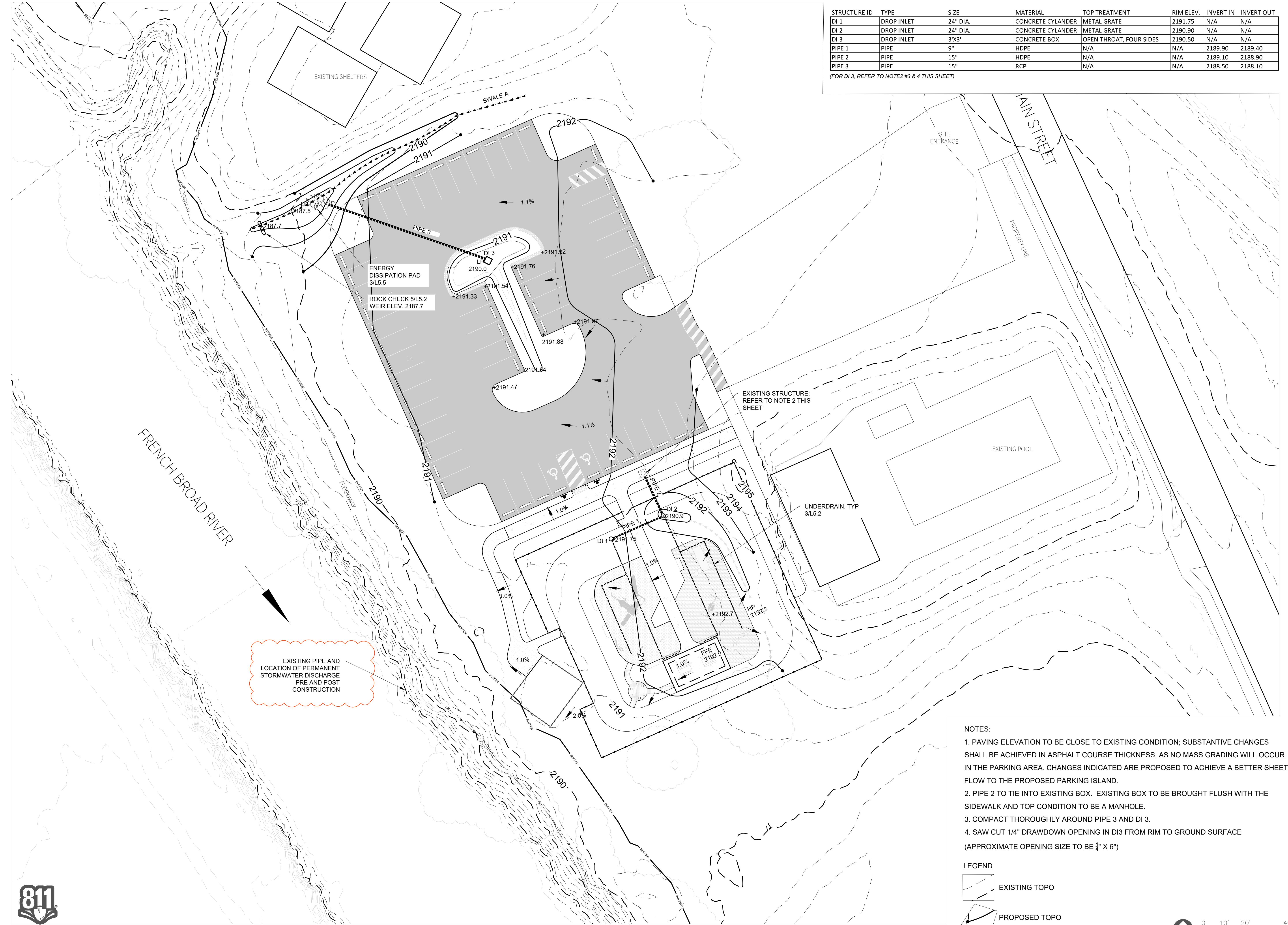
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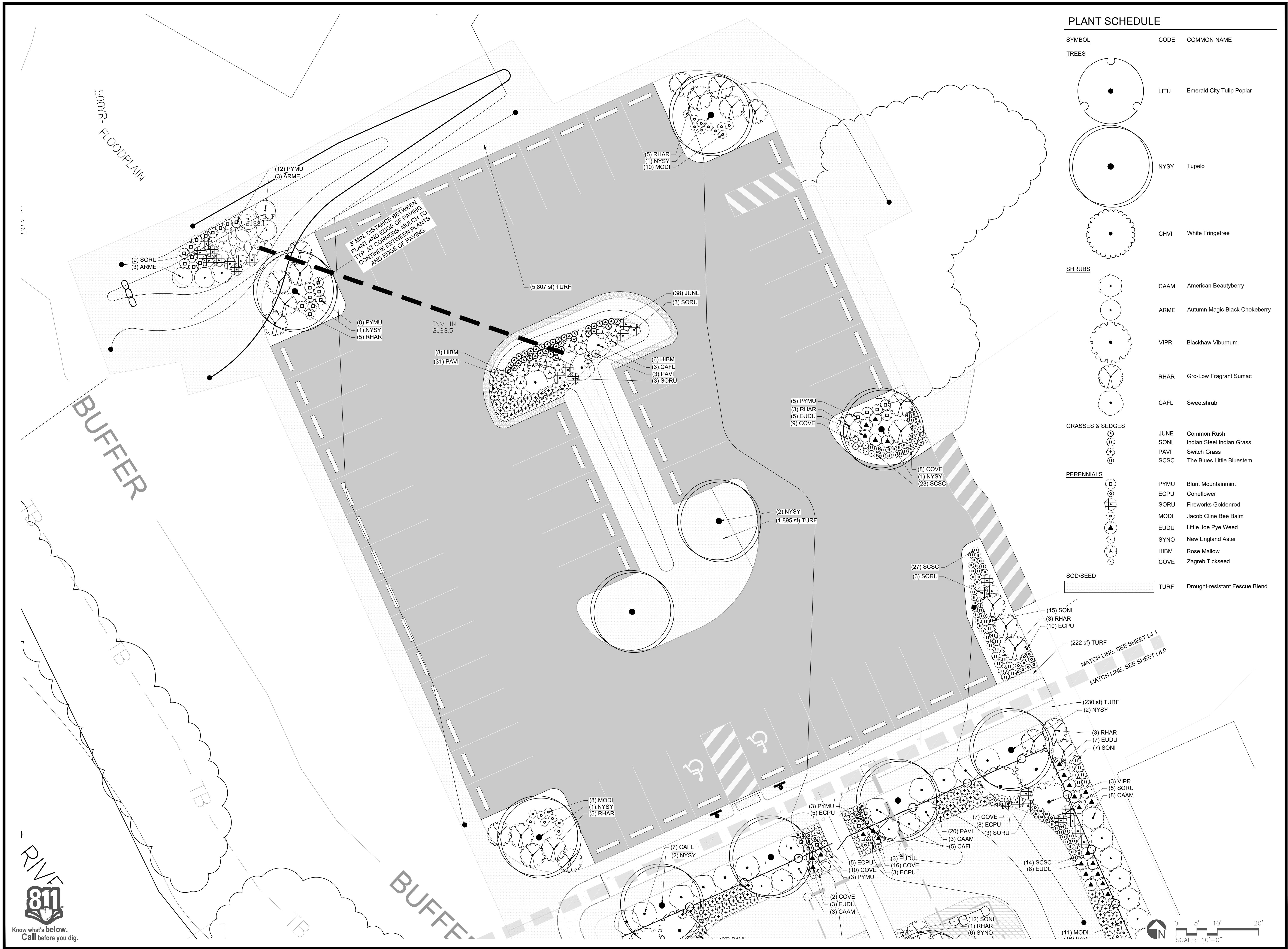
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DRAWING NAME:

GRADING &  
STORMWATER

L30





**EQUINOX**

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**SEAL**

**1542**  
**DAVID P TUCH**

**DESIGN BY:** [Signature] **DRAWN BY:** [Signature] **CHECKED BY:** [Signature]

**DATE:** [Signature]

**REVISIONS:** [Signature]

**TOWN OF ROSMAN CHAMPION PARK IMPROVEMENT PROJECT: PHASE ZERO**

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**PHASE:** BID SET

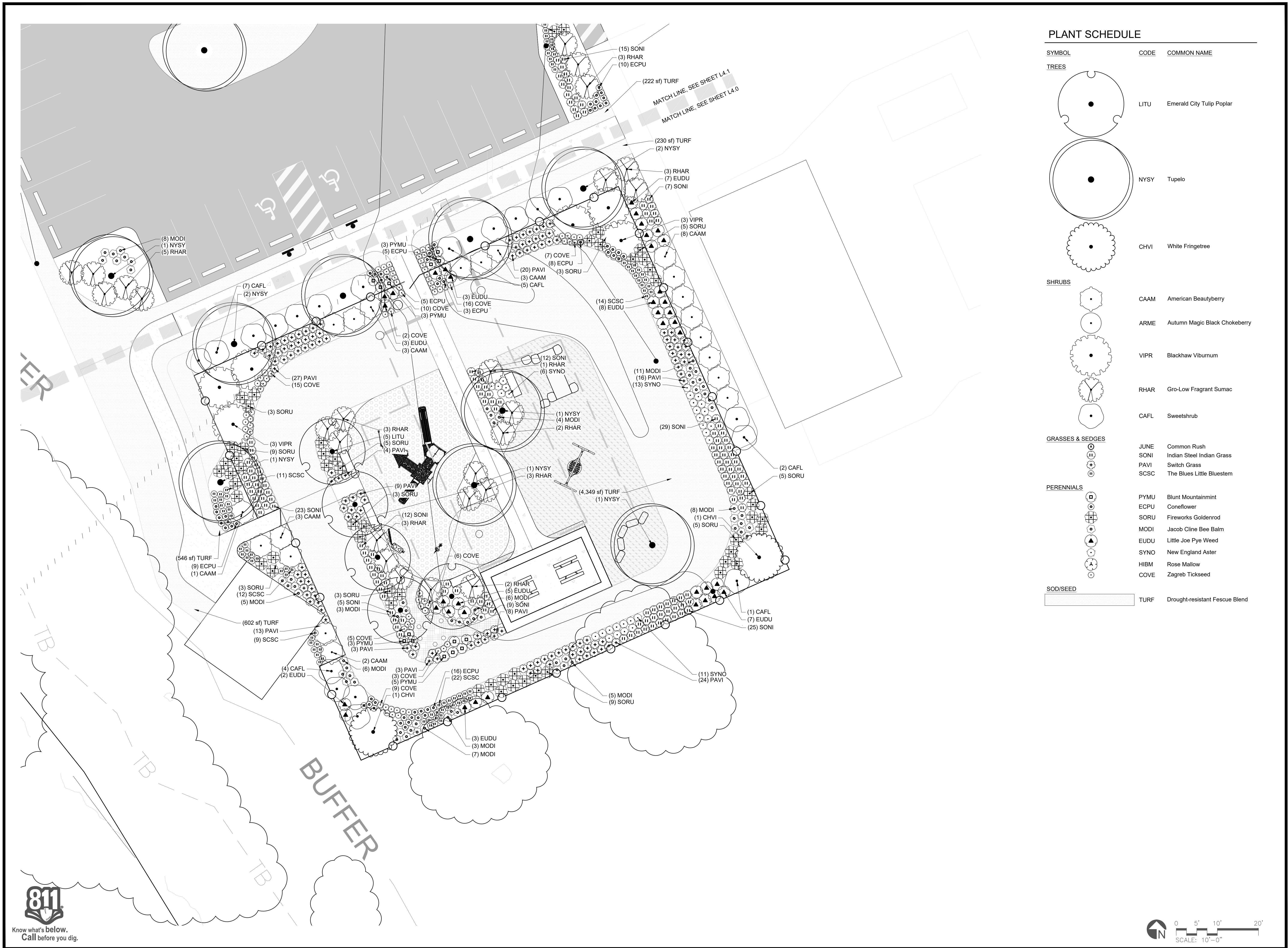
**DATE:** January 12, 2026

**DRAWING SCALE:**

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**DRAWING NAME:** PLANTING PLAN L4.0

**SCALE:** 10'-0"



**EQUINOX**

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Asheville, NC 28801  
t 828.253.6856

SEAL  
1542  
P. TUCH

DESIGN BY:	DRAWN BY:	CHECKED BY:
DATE		
REVISIONS		

**TOWN OF ROSMAN CHAMPION PARK IMPROVEMENT PROJECT: PHASE ZERO**  
ROSMAN, NC 28772

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PHASE	BID SET
DATE	January 12, 2026
DRAWING SCALE	AS SHOWN
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DRAWING NAME	PLANTING PLAN

PLANT SCHEDULE						
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	CONTAINER	DETAIL
<b>TREES</b>						
	CHVI	2	Chionanthus virginicus White Fringetree	4' Ht.	B&B	
	LITU	5	Liriodendron tulipifera 'JFS-Oz' TM Emerald City Tulip Poplar	10' Ht.	B&B	
	NYSY	14	Nyssa sylvatica Tupelo	8' Ht.	B&B	
<b>SHRUBS</b>						
	ARME	6	Aronia melanocarpa 'Autumn Magic' Autumn Magic Black Chokeberry	3 gal.	Pot	
	CAAM	20	Callicarpa americana American Beautyberry	5 gal.	Pot	
	CAF'L	22	Calycanthus floridus Sweetshrub	3 gal.	Pot	
	RHAR	38	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal.	Pot	
	VIPR	6	Viburnum prunifolium Blackhaw Viburnum	7 gal.	Pot	
<b>GRASSES &amp; SEDGES</b>						
	JUNE	38	Juncus effusus Common Rush	---	plug	
	PAVI	161	Panicum virgatum Switch Grass	---	plug	
	SCSC	118	Schizachyrium scoparium 'The Blues' The Blues Little Bluestem	---	plug	
	SONI	137	Sorghastrum nutans 'Indian Steel' Indian Steel Indian Grass	---	plug	
<b>PERENNIALS</b>						
	COVE	91	Coreopsis verticillata 'Zagreb' Zagreb Tickseed	Pint	Pot	
	ECPU	56	Echinacea purpurea Coneflower	Pint	Pot	
	EUDU	43	Eutrochium dubium Little Joe Pye Weed	Quart	Pot	
	HIBM	14	Hibiscus moscheutos Rose Mallow	1 gal.	Pot	
	MODI	76	Monarda didyma 'Jacob Cline' Jacob Cline Bee Balm	Pint	Pot	
	PYMU	39	Pycnanthemum muticum Blunt Mountainmint	Pint	Pot	
	SORU	71	Solidago rugosa 'Fireworks' Fireworks Goldenrod	Pint	Pot	
	SYNO	30	Sympetrum novae-angliae New England Aster	Quart	Pot	
<b>SOD/SEED</b>						
TURF	13,696 sf	Turf	Drought-resistant Fescue Blend	seed		



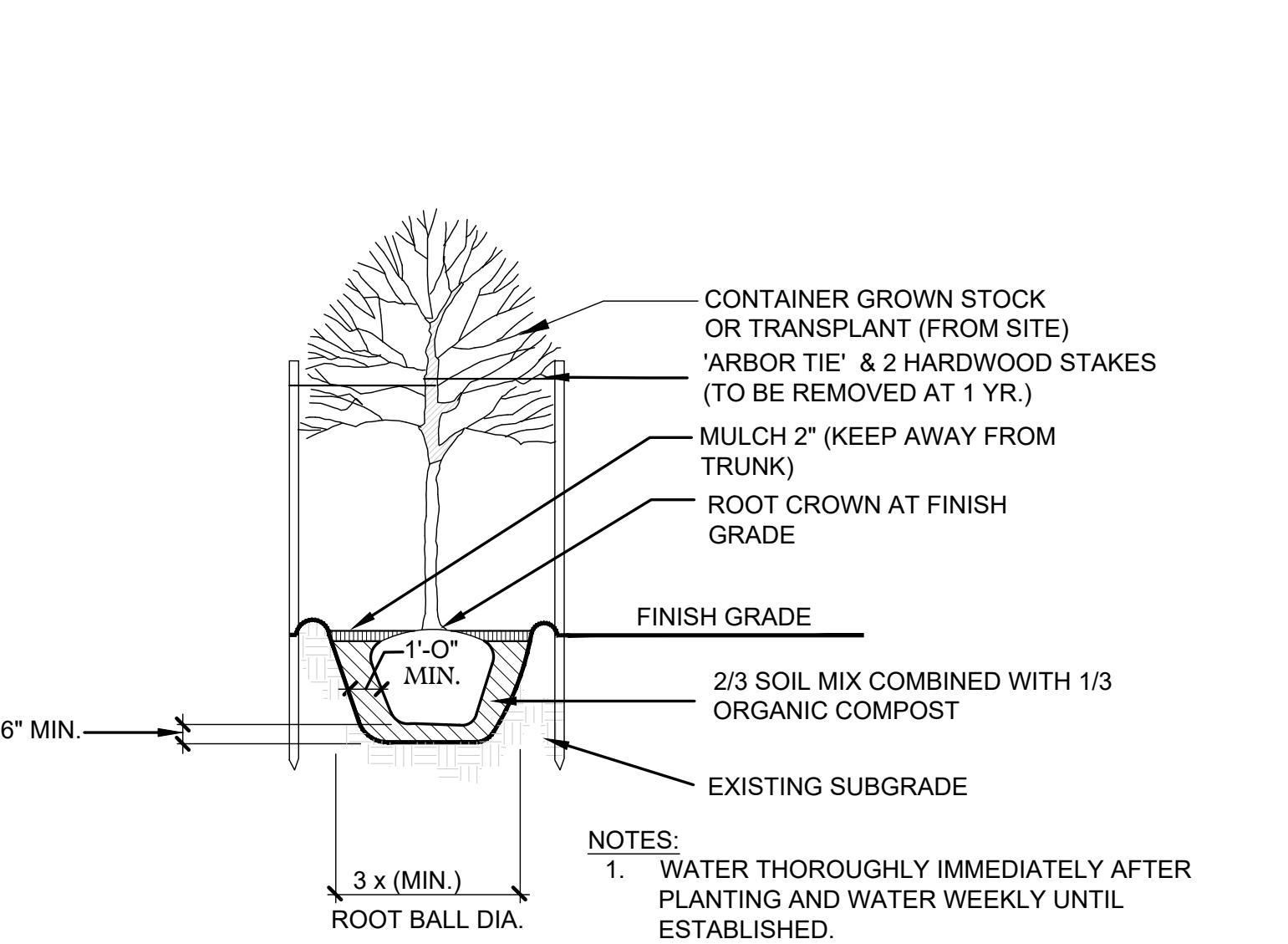
NOTES:  
1. WATER THOROUGHLY IMMEDIATELY AFTER PLANTING AND WATER WEEKLY UNTIL ESTABLISHED.

### 1 PERENNIAL PLANTING (TYPICAL SECTION)

SCALE: NOT TO SCALE

### 2 SHRUB PLANTING (TYPICAL SECTION)

SCALE: NOT TO SCALE



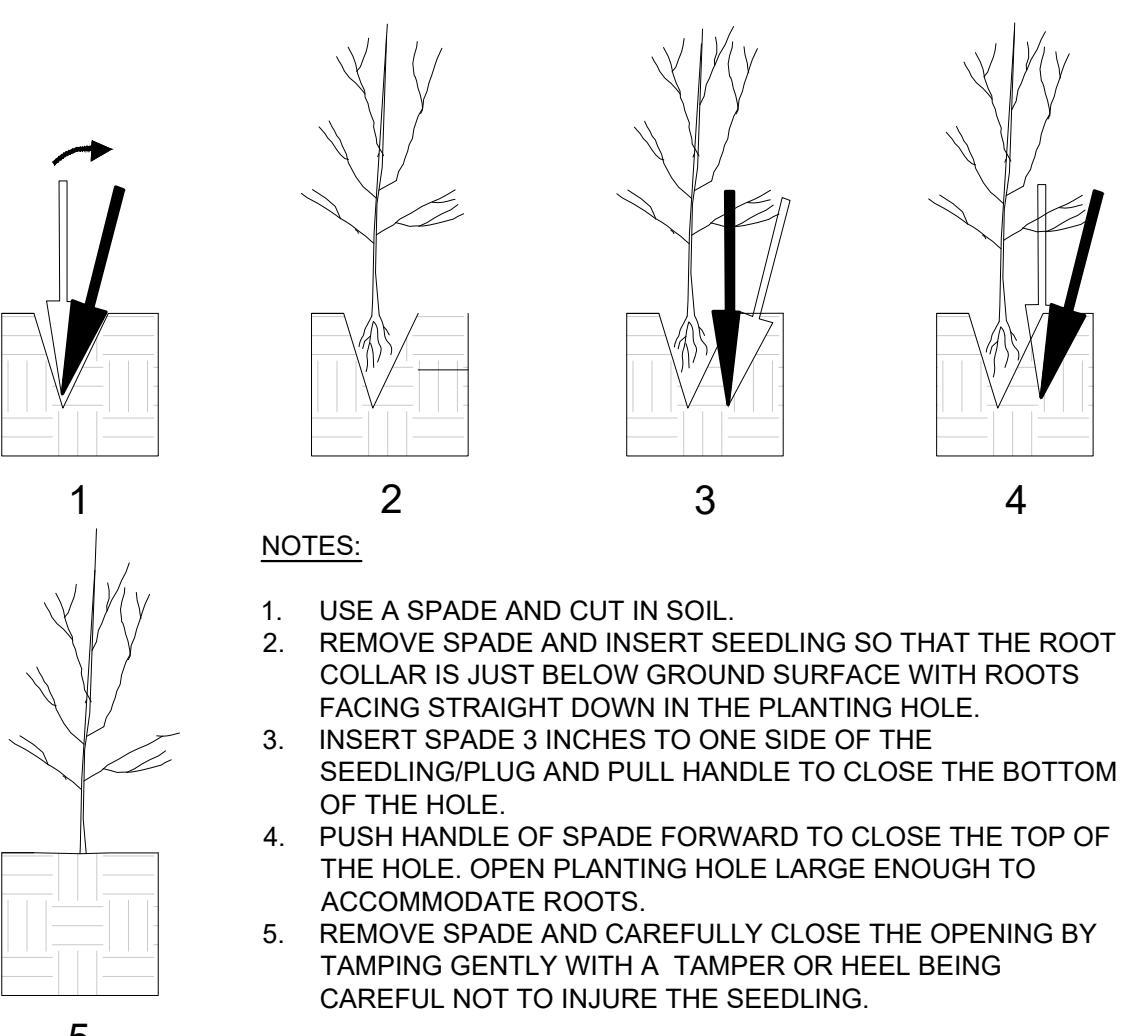
NOTES:  
1. WATER THOROUGHLY IMMEDIATELY AFTER PLANTING AND WATER WEEKLY UNTIL ESTABLISHED.

### 3 TREE PLANTING (TYPICAL SECTION)

SCALE: NOT TO SCALE

### 4 PLUG SPACING

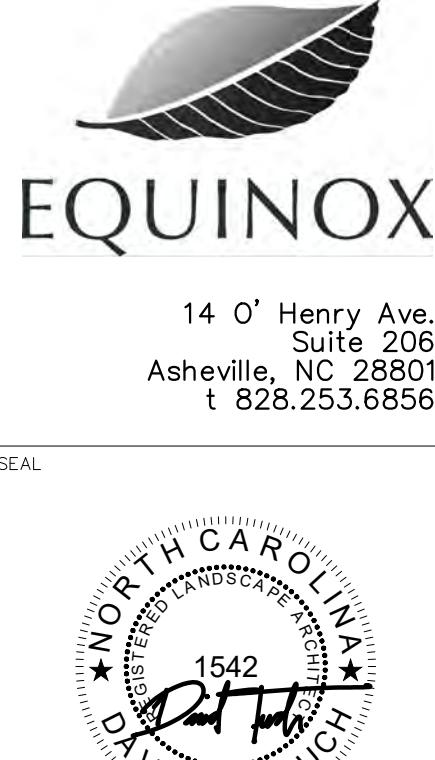
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NOTES:  
1. USE A SPADE AND CUT IN SOIL.  
2. REMOVE SPADE AND INSERT SEEDLING SO THAT THE ROOT COLLAR IS JUST BELOW GROUND SURFACE WITH ROOTS FACING STRAIGHT DOWN IN THE PLANTING HOLE.  
3. INSERT SPADE 3 INCHES TO ONE SIDE OF THE SEEDLING/PLUG AND PULL HANDLE TO CLOSE THE BOTTOM OF THE HOLE.  
4. PUSH HANDLE OF SPADE FORWARD TO CLOSE THE TOP OF THE HOLE. OPEN PLANTING HOLE LARGE ENOUGH TO ACCOMMODATE ROOTS.  
5. REMOVE SPADE AND CAREFULLY CLOSE THE OPENING BY TAMPING GENTLY WITH A TAMPER OR HEEL BEING CAREFUL NOT TO INJURE THE SEEDLING.

### 5 PLUG PLANTING

SCALE: NOT TO SCALE



DESIGN BY: DRAWN BY: CHECKED BY:

DATE:

REVISIONS:

TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772

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PHASE: BID SET

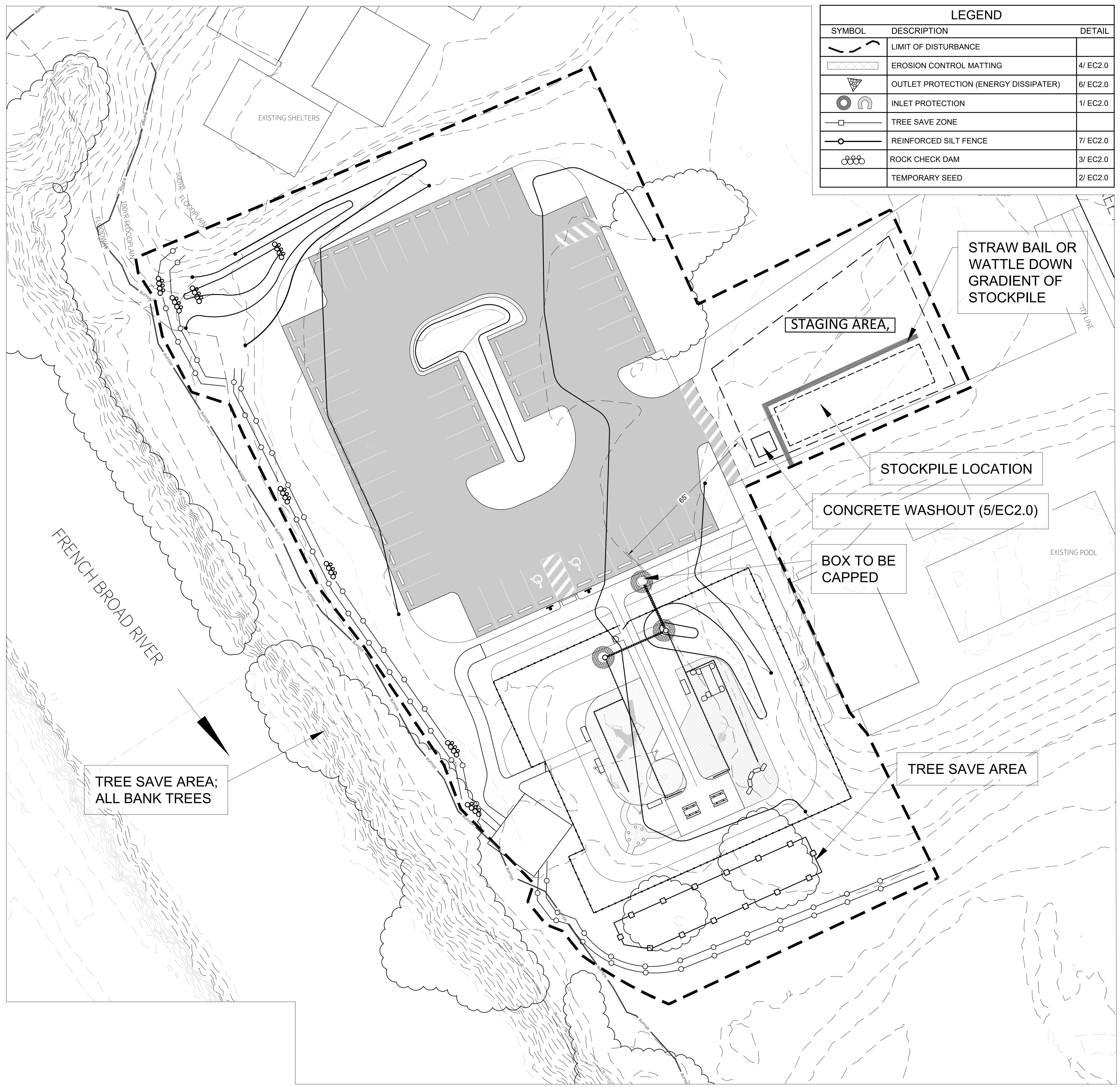
DATE: January 12, 2026

DRAWING SCALE: AS SHOWN

NOTE: If this drawing is not 24x36", it has been revised from its original size and the scales noted on drawings/details are no longer applicable.

DRAWING NAME: PLANT SCHEDULE & DETAILS

L 4.2



## EROSION CONTROL SEQUENCE

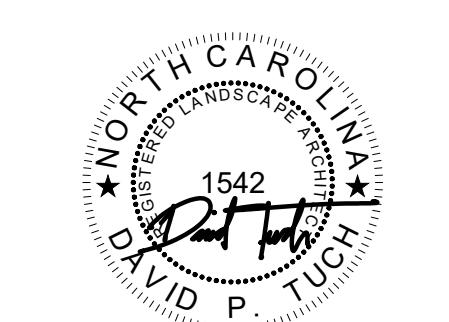
### PHASE 1

1. OBTAIN NPDES NCG01 PERMIT; NOTIFY NCDEQ LQS INSPECTOR 48HRS BEFORE PROJECT STARTS; NO MAJOR GRADING ACTIVITIES ARE TO TAKE PLACE DURING WET WEATHER PERIODS OR PERIODS OF PREDICTED WET WEATHER I.E. HURRICANES; NOTIFY NCDEQ LQS INSPECTOR WHEN PROJECT IS READY FOR CLOSE OUT INSPECTION; FILE FOR NPDES NCG01 E-NOTICE OF TERMINATION WHEN FINAL CLOSE OUT INSPECTION REPORT IS RECEIVED; ALL WORK WITHIN THE THE RIVERBANK OR TROUT BUFFER MUST BE STABILIZED BY THE END OF EACH WORKDAY; SITE MUST BE "STORM READY" BEFORE ANY EXTENDED BREAKS IN CONSTRUCTION ACTIVITIES INCLUDING WEEKENDS..
2. HOLD PRE-CONSTRUCTION MEETING TO IDENTIFY SITE CONSTRAINTS, CONSTRUCTION ROUTING, AND STAGING.
3. INSTALL PERIMETER EC MEASURES AROUND AREAS TO BE DEMO-ED, INCLUDING SILT FENCE. INSTALL INLET PROTECTION ON EXISTING DROP INLET.
4. ESTABLISH STAGING AREA AND STOCKPILE AREA(S).
  - 4.1. STOCKPILE TO HAVE STRAW BAIL OR WATTLE DOWN GRADIENT
  - 4.2. STOCKPILE TO BE COVERED BY TARP AT THE END OF EACH WORK DAY
5. GRADE AND INSTALL STORMWATER STRUCTURES FOR PLAYGROUND.
6. INSTALL INLET PROTECTION ON NEW INLETS AND CAP EXISTING INLET.
7. LAY UTILITIES.
8. FINE GRADE AND INSTALL PLAY FEATURES AND ASSOCIATED STRUCTURES.
9. INSTALL SURFACES AND FINAL SURFACES.
10. MAINTAIN EROSION CONTROL DEVICES AS NOTED IN EC DETAILS ON EC2.0 – EC2.2 SHEETS.

#### EROSION CONTROL MEASURE NOTES:

1. THOROUGHLY REVIEW THE SEDIMENT AND EROSION CONTROL PLAN, ADDING EXTRA AS NECESSARY TO ELIMINATE SEDIMENTATION OFFSITE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN (7) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
3. WHERE STABILIZATION BY THE 7TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
4. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION. IF THIS OCCURS, NOTIFY LANDSCAPE ARCHITECT.
5. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEARED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION, FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
6. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
7. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED. OTHER MEASURES TO REDUCE TRACKING MAY INCLUDE WASHING DOWN TRACKS OF HEAVY EQUIPMENT.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS. THESE TEMPORARY BERMS AND DITCHES SHALL BE PROTECTED WITH A ROLLED EROSION AND SEDIMENT CONTROL PRODUCT UNTIL VEGETATION CAN BE ESTABLISHED.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION, AND, UNLESS UNFEASIBLE, PRESERVE TOPSOIL FOR FUTURE PLANTING.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE Routed THROUGH APPROPRIATE BMP'S (SEDIMENT BASIN, FILTER BAG, ETC).
15. MAINTAIN ALL BUFFER REQUIREMENTS AS INDICATED ON THE PLAN.
16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
  - 16.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
  - 16.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS;
  - 16.3. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
  - 16.4. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS ARE EXPECTED TO BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. IF THE SAME PERSON CONDUCTS THE LAND-DISTURBING ACTIVITY AND ANY RELATED BORROW OR WASTE ACTIVITY, THE RELATED BORROW OR WASTE ACTIVITY SHALL CONSTITUTE PART OF THE LAND-DISTURBING ACTIVITY UNLESS THE BORROW OR WASTE ACTIVITY IS REGULATED UNDER THE MINING ACT OF 1971, OR IS A LANDFILL REGULATED BY THE DIVISION OF WASTE MANAGEMENT. IF THE LAND-DISTURBING ACTIVITY AND ANY RELATED BORROW OR WASTE ACTIVITY ARE NOT CONDUCTED BY THE SAME PERSON, THEY SHALL BE CONSIDERED SEPARATE LAND-DISTURBING ACTIVITIES AND MUST BE PERMITTED EITHER THROUGH THE SEDIMENTATION POLLUTION CONTROL ACT AS A ONE-USE BORROW SITE OR THROUGH THE MINING ACT.

**EQUINOX**  
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Suite 206  
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DESIGN BY: DRAWN BY: CHECKED BY:

DATE



TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN, NC 28772

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Consulting & Design, Inc.

PHASE

BID SET

DATE

January 12, 2026

DRAWING SCALE

AS SHOWN  
NOTE: If this drawing is not 24x36", it has  
been revised from its original size and the  
scales noted on drawings/details are no  
longer applicable.

DRAWING NAME  
EROSION &  
SEDIMENT  
CONTROL

EC1.0

**GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT**

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Section 5 and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

**SECTION E: GROUND STABILIZATION**

**Required Ground Stabilization Timeframes**

Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	7 days for slopes greater than 50' in length and with slopes steeper than 1:1 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed there is zero slope

**Note:** After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last and disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

**GROUND STABILIZATION SPECIFICATION**

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below.

**Temporary Stabilization**

- Temporary grass seed covered with straw or other mulches and tackifiers
- Hydroseeding
- Roll erosion control products with or without temporary grass seed
- Appropriately applied straw or other mulch
- Plastic sheeting

**POLYACRYLAMIDES (PAMS) AND FLOCCULANTS**

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

**EQUIPMENT AND VEHICLE MAINTENANCE**

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify peaks and troughs as soon as feasible or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste/recycle when possible.
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

**LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE**

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

**PAINT AND OTHER LIQUID WASTE**

1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

**PORTABLE TOILETS**

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind site fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material.
4. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

**EARTHEN STOCKPILE MANAGEMENT**

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with site fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

**HERBICIDES, PESTICIDES AND RODENTICIDES**

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

**HAZARDOUS AND TOXIC WASTE**

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

**SECTION F: GROUND STABILIZATION AND MATERIALS HANDLING**

**EFFECTIVE: 04/01/19**



NORTH CAROLINA  
Environmental Quality

**DISSITE CONCRETE VASQUEL STRUCTURE WITH LINER**

**SECTION A-A**

**SECTION B-B**

**SECTION C-C**

**SECTION D-D**

**SECTION E-E**

**SECTION F-F**

**SECTION G-G**

**SECTION H-H**

**SECTION I-I**

**SECTION J-J**

**SECTION K-K**

**SECTION L-L**

**SECTION M-M**

**SECTION N-N**

**SECTION O-O**

**SECTION P-P**

**SECTION Q-Q**

**SECTION R-R**

**SECTION S-S**

**SECTION T-T**

**SECTION U-U**

**SECTION V-V**

**SECTION W-W**

**SECTION X-X**

**SECTION Y-Y**

**SECTION Z-Z**

**SECTION AA-AA**

**SECTION BB-BB**

**SECTION CC-CC**

**SECTION DD-DD**

**SECTION EE-EE**

**SECTION FF-FF**

**SECTION GG-GG**

**SECTION HH-HH**

**SECTION II-II**

**SECTION JJ-JJ**

**SECTION KK-KK**

**SECTION LL-LL**

**SECTION MM-MM**

**SECTION NN-NN**

**SECTION OO-OO**

**SECTION PP-PP**

**SECTION QQ-QQ**

**SECTION RR-RR**

**SECTION SS-SS**

**SECTION TT-TT**

**SECTION UU-UU**

**SECTION VV-VV**

**SECTION WW-WW**

**SECTION XX-XX**

**SECTION YY-YY**

**SECTION ZZ-ZZ**

**SECTION AA-AA**

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**SECTION DD-DD**

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**SECTION EE-EE**

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# EQUINOX



SIGN BY: DRAWN BY: CHECKED BY:

1

TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
ROSMAN NC 28777

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BID SET

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TE

## DRAWING SCALE

## AS SHOWN

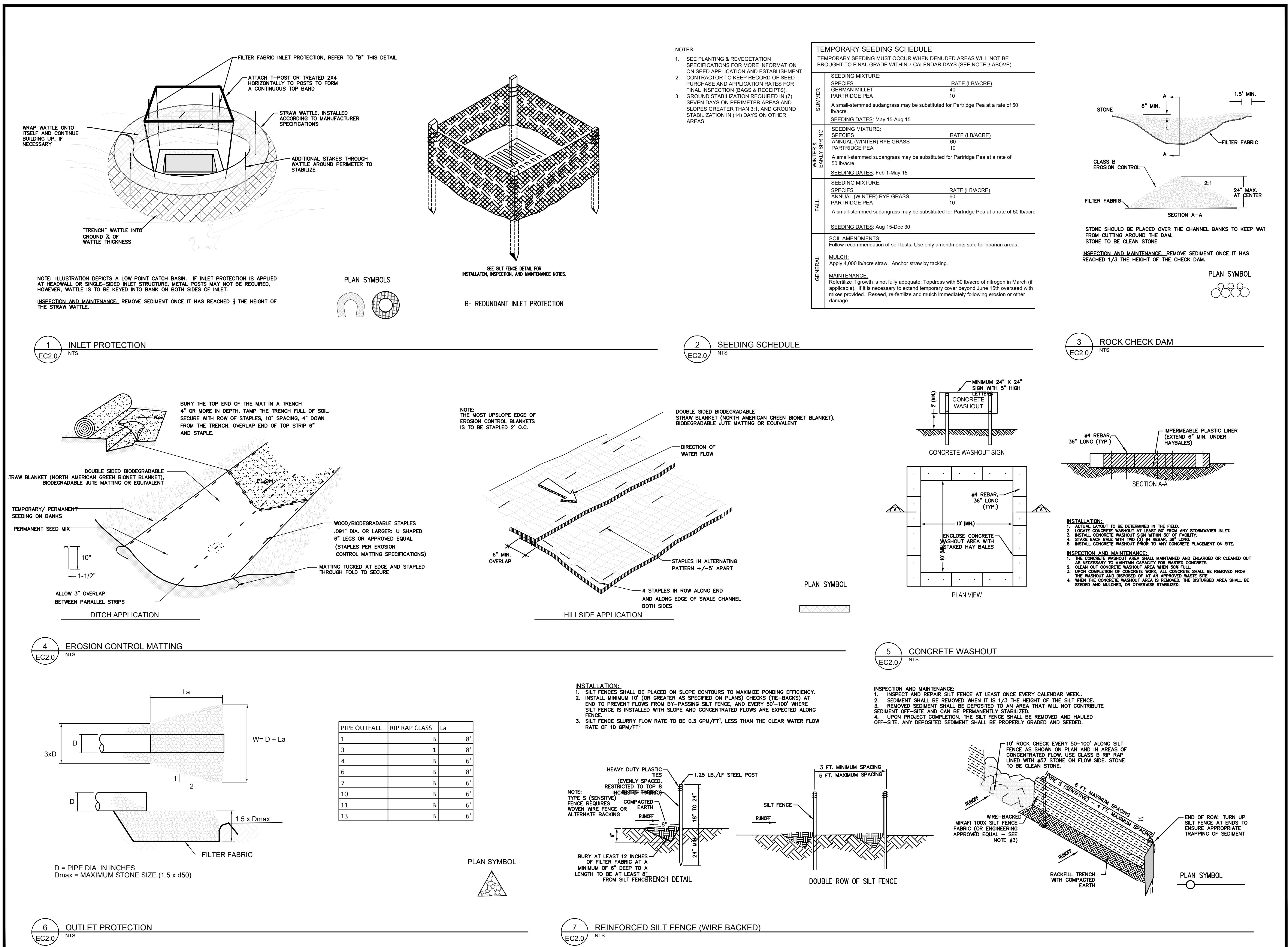
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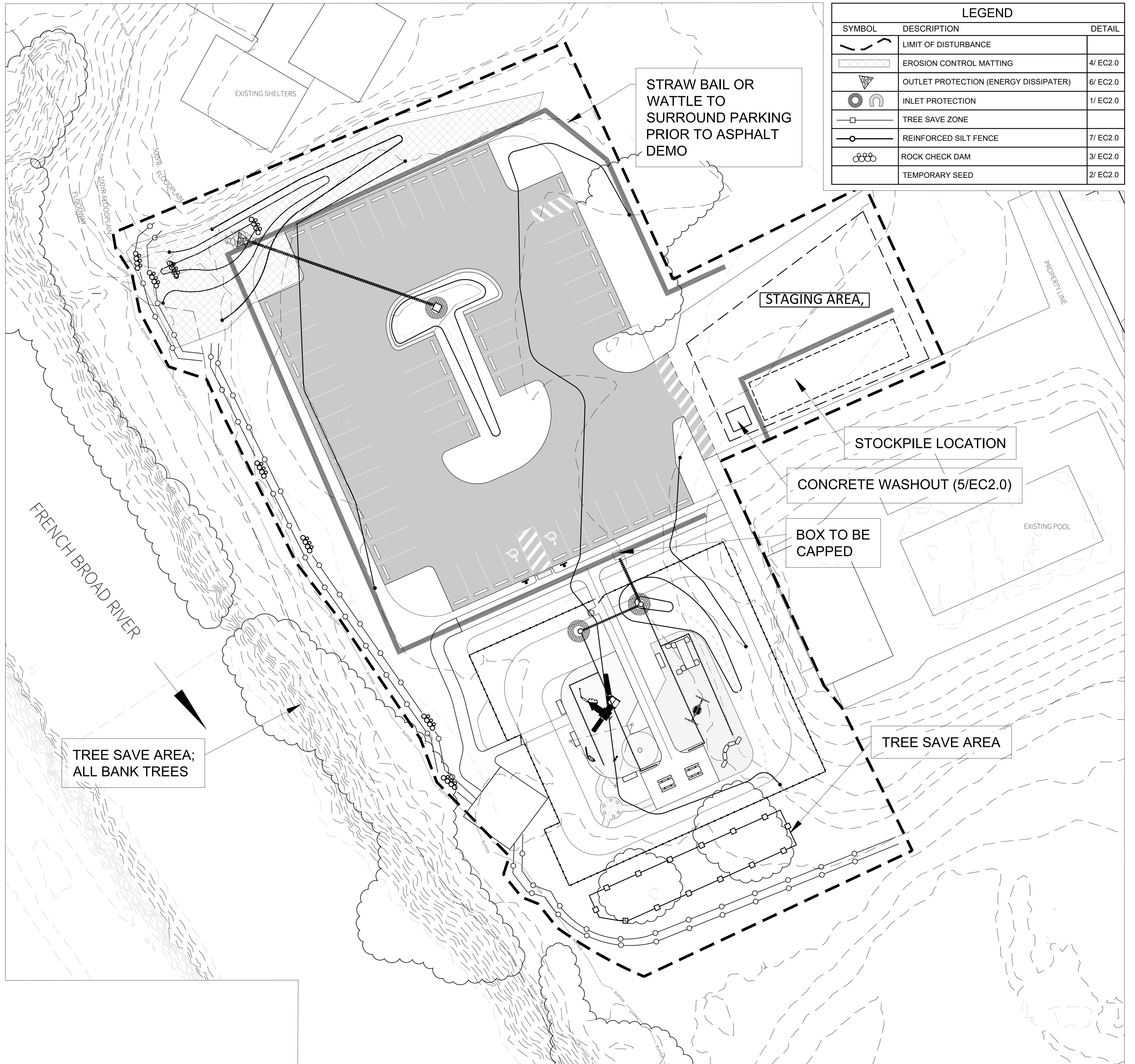
**EC2.0**

**AWING NAME**

**EROSION  
CONTROL  
DETAILS**

— C2 .





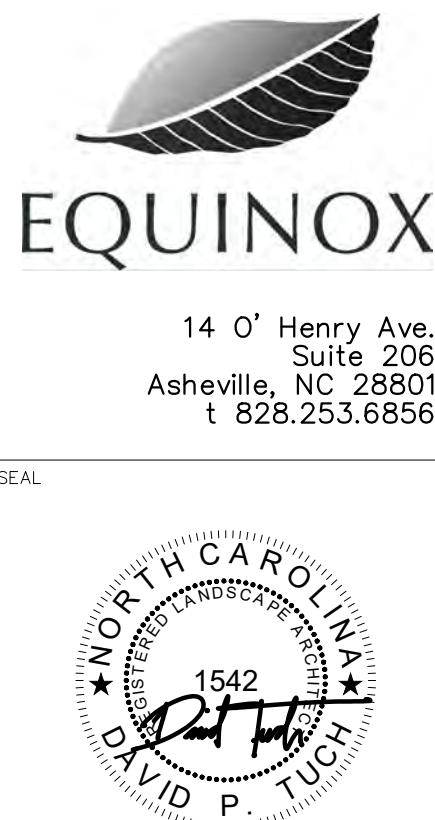
## EROSION CONTROL SEQUENCE PHASE 2-PARKING

AFTER FOLLOWING THE EROSION CONTROL SEQUENCE OUTLINED FOR THE PREVIOUS PHASE, THEN PROCEED AS FOLLOWS:

1. PLACE STRAW BAILS OR WATTERS SURROUNDING PARKING PRIOR TO ASPHALT DEMO WORK.
2. DEMO PAVING IN PARKING AS INDICATED ON PLAN.
- 2.1. SAW CUT AREAS TO BE PERMANENTLY REMOVED
- 2.2. VACUUM ASPHALT AND CONCRETE DUST IMMEDIATELY FOLLOWING DEMO.
- 2.3. MILL AREAS OF ASPHALT TO BE RESURFACED FOLLOWING DETAIL AND PLAN PROVIDED.
- 2.2. VACUUM ASPHALT AND DUST IMMEDIATELY FOLLOWING MILLING. NO DUST TO BE LEFT AFTER THE WORK DAY.
- 2.3. RE-SURFACE AND STRIPE PARKING.
3. GRADE AND INSTALL STORMWATER STRUCTURES.
4. INSTALL INLET PROTECTION ON NEW INLETS AND OUTLET PROTECTION FOR NEW PIPE.
5. FINE GRADE NEW ISLAND AND SWALE FEATURES.
6. TEMPORARY SEED AND STRAW ALL DISTURBED SOIL NOT TO BE PLANTED OTHERWISE.
7. ESTABLISH EROSION CONTROL MATTING.
8. MAINTAIN EROSION CONTROL DEVICES AS NOTED IN EC DETAILS ON EC2.0 – EC2.2 SHEETS.

### EROSION CONTROL MEASURE NOTES:

1. THOROUGHLY REVIEW THE SEDIMENT AND EROSION CONTROL PLAN, ADDING EXTRA AS NECESSARY TO ELIMINATE SEDIMENTATION OFFSITE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN (7) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
3. WHERE STABILIZATION BY THE 7TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
4. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION. IF THIS OCCURS, NOTIFY LANDSCAPE ARCHITECT.
5. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEARED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
6. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
7. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED. OTHER MEASURES TO REDUCE TRACKING MAY INCLUDE WASHING DOWN TRACKS OF HEAVY EQUIPMENT.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS. THESE TEMPORARY BERMS AND DITCHES SHALL BE PROTECTED WITH A ROLLED EROSION AND SEDIMENT CONTROL PRODUCT UNTIL VEGETATION CAN BE ESTABLISHED.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION AND, UNLESS UNFEASIBLE, PRESERVE TOPSOIL FOR FUTURE PLANTING.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE Routed THROUGH APPROPRIATE BMP'S (SEDIMENT BASIN, FILTER BAG, ETC).
15. MAINTAIN ALL BUFFER REQUIREMENTS AS INDICATED ON THE PLAN.
16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
  - 16.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
  - 16.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS;
  - 16.3. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
  - 16.4. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS ARE EXPECTED TO BE CONDUCTED AT A MINIMUM OF AT LEAST ONE CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. IF THE SAME PERSON CONDUCTS THE LAND-DISTURBING ACTIVITY AND ANY RELATED BORROW OR WASTE ACTIVITY, THE RELATED BORROW OR WASTE ACTIVITY SHALL CONSTITUTE PART OF THE LAND-DISTURBING ACTIVITY UNLESS THE BORROW OR WASTE ACTIVITY IS REGULATED UNDER THE MINING ACT OF 1971, OR IS A LANDFILL REGULATED BY THE DIVISION OF WASTE MANAGEMENT. IF THE LAND-DISTURBING ACTIVITY AND ANY RELATED BORROW OR WASTE ACTIVITY ARE NOT CONDUCTED BY THE SAME PERSON, THEY SHALL BE CONSIDERED SEPARATE LAND-DISTURBING ACTIVITIES AND MUST BE PERMITTED EITHER THROUGH THE SEDIMENTATION POLLUTION CONTROL ACT AS A ONE-USE BORROW SITE OR THROUGH THE MINING ACT.



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DATE

REVISIONS



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CHAMPION PARK  
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DATE

January 12, 2026

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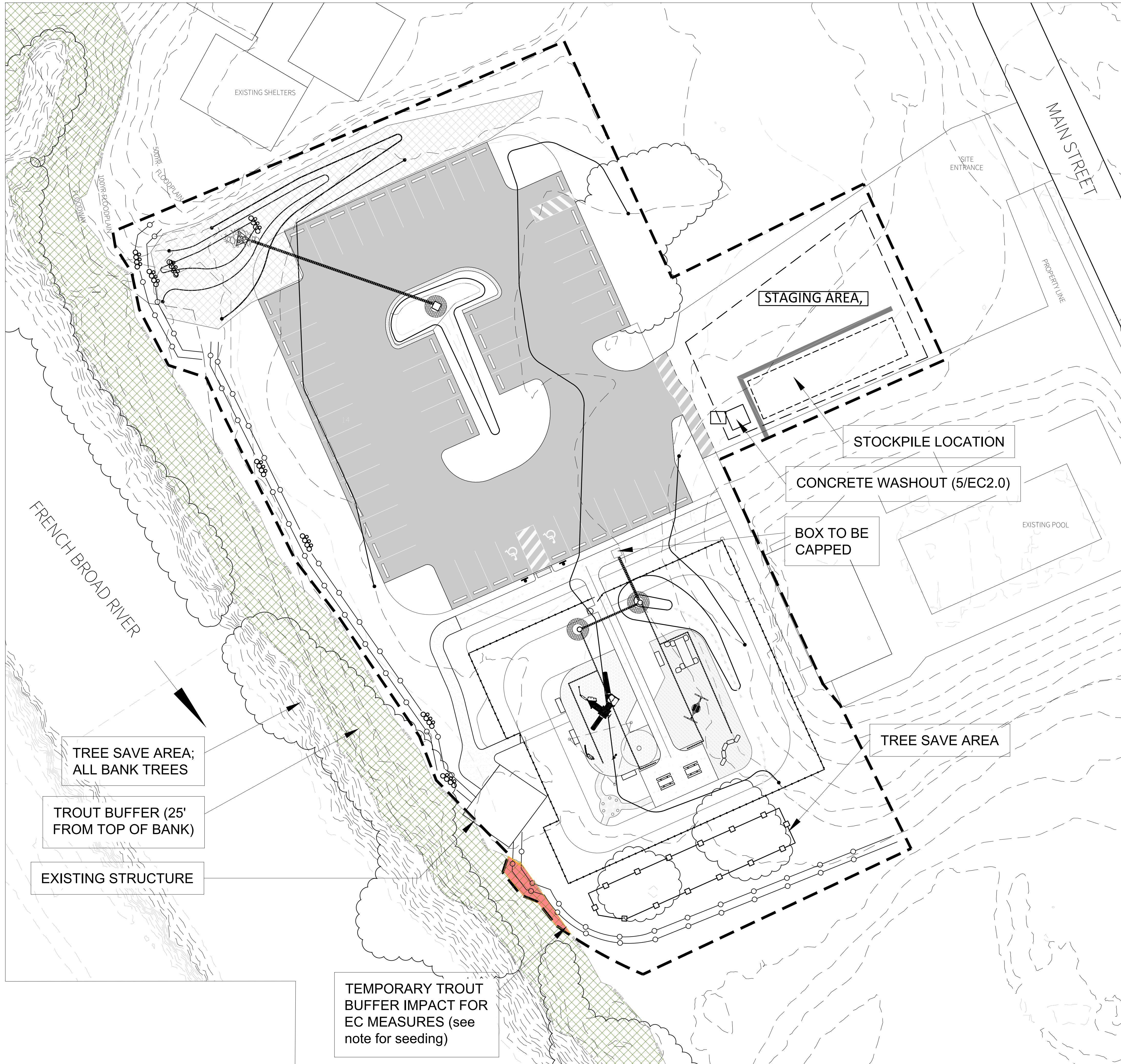
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EC1.1

DRAWING NAME  
EROSION &  
SEDIMENT  
CONTROL

EC1.1



0 10' 20' 40'  
SCALE: 20'-0"



**REVISIONS**

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**DRAWING NAME**  
EC1.2  
TROUT  
BUFFER  
EXHIBIT

**EC1.2**



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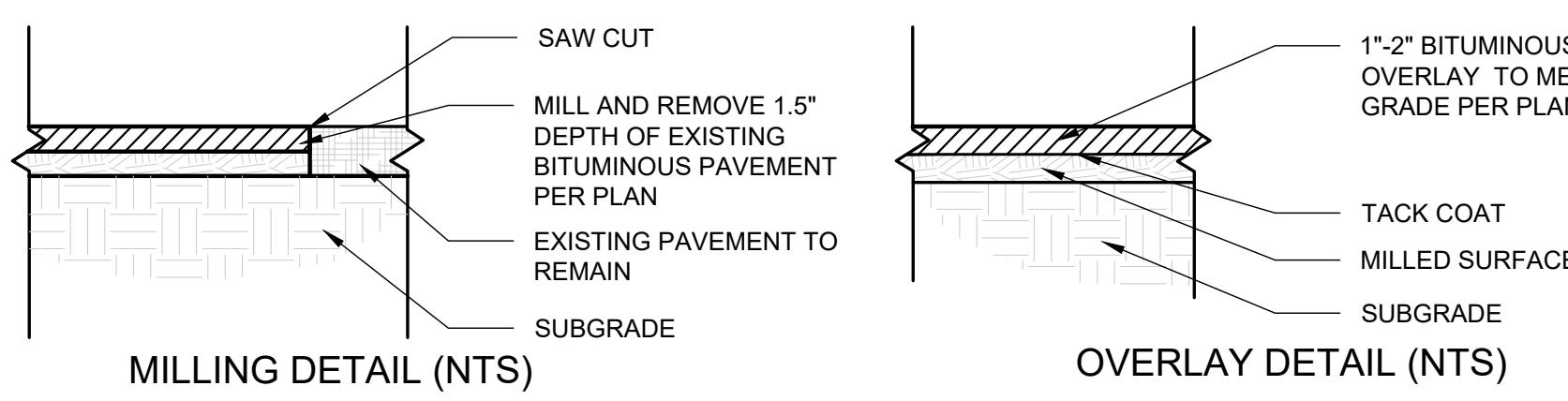
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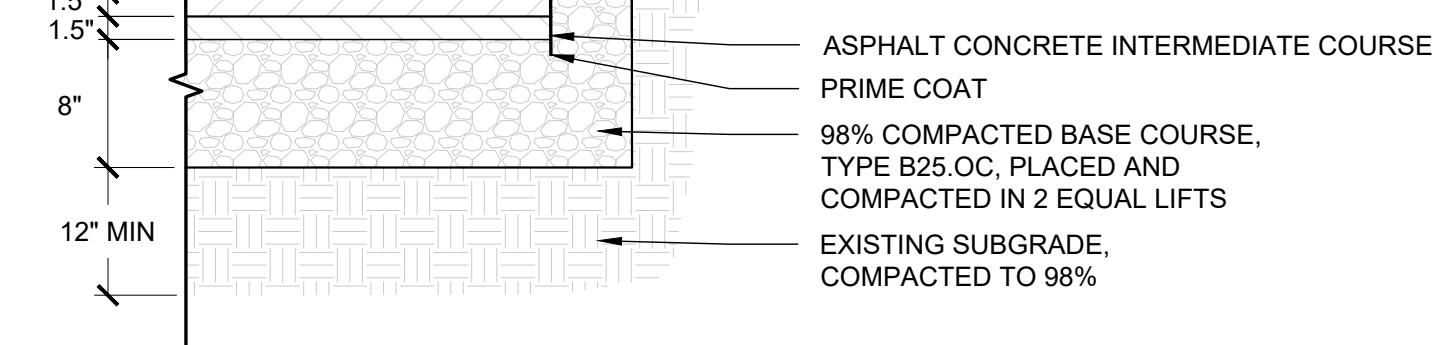
DETAILS

L5.0



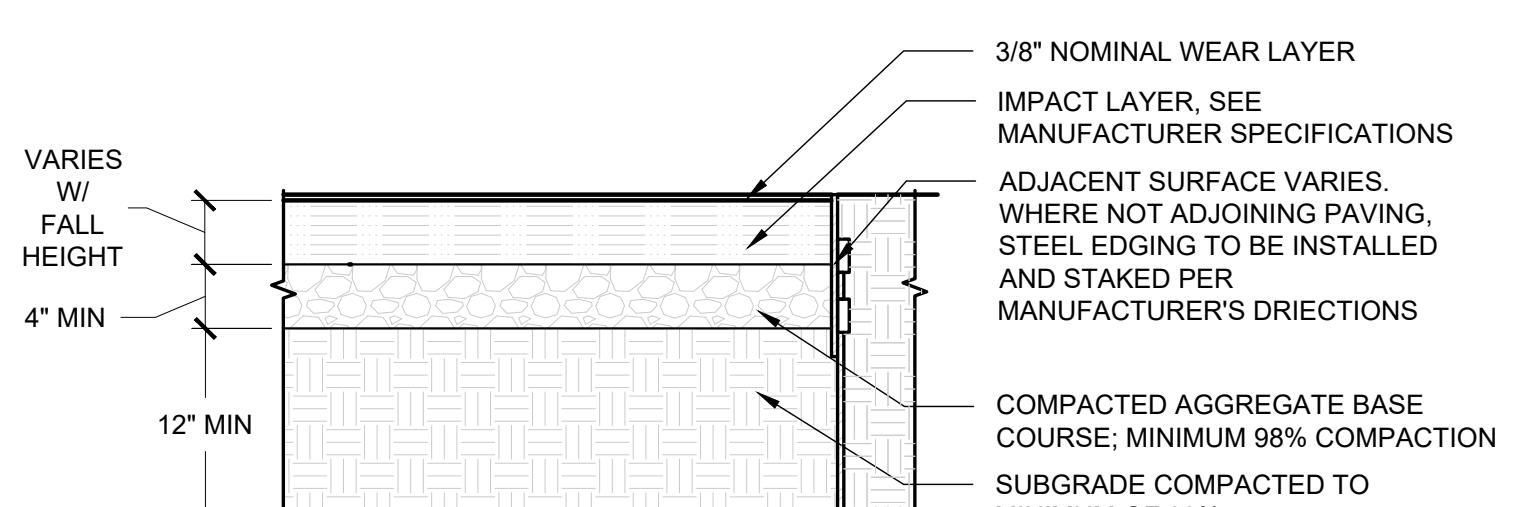
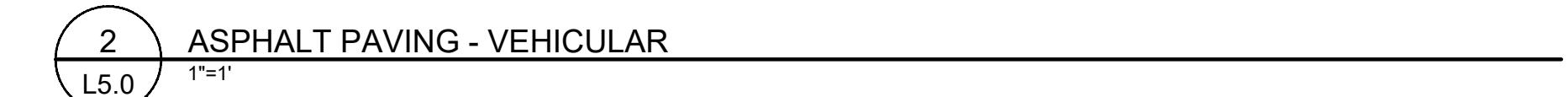
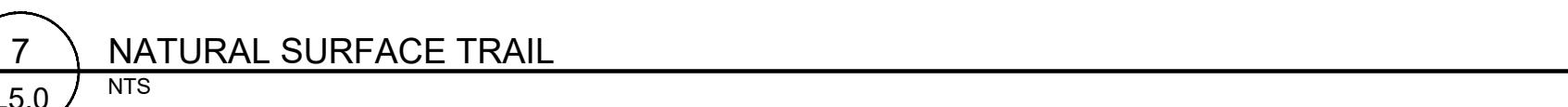
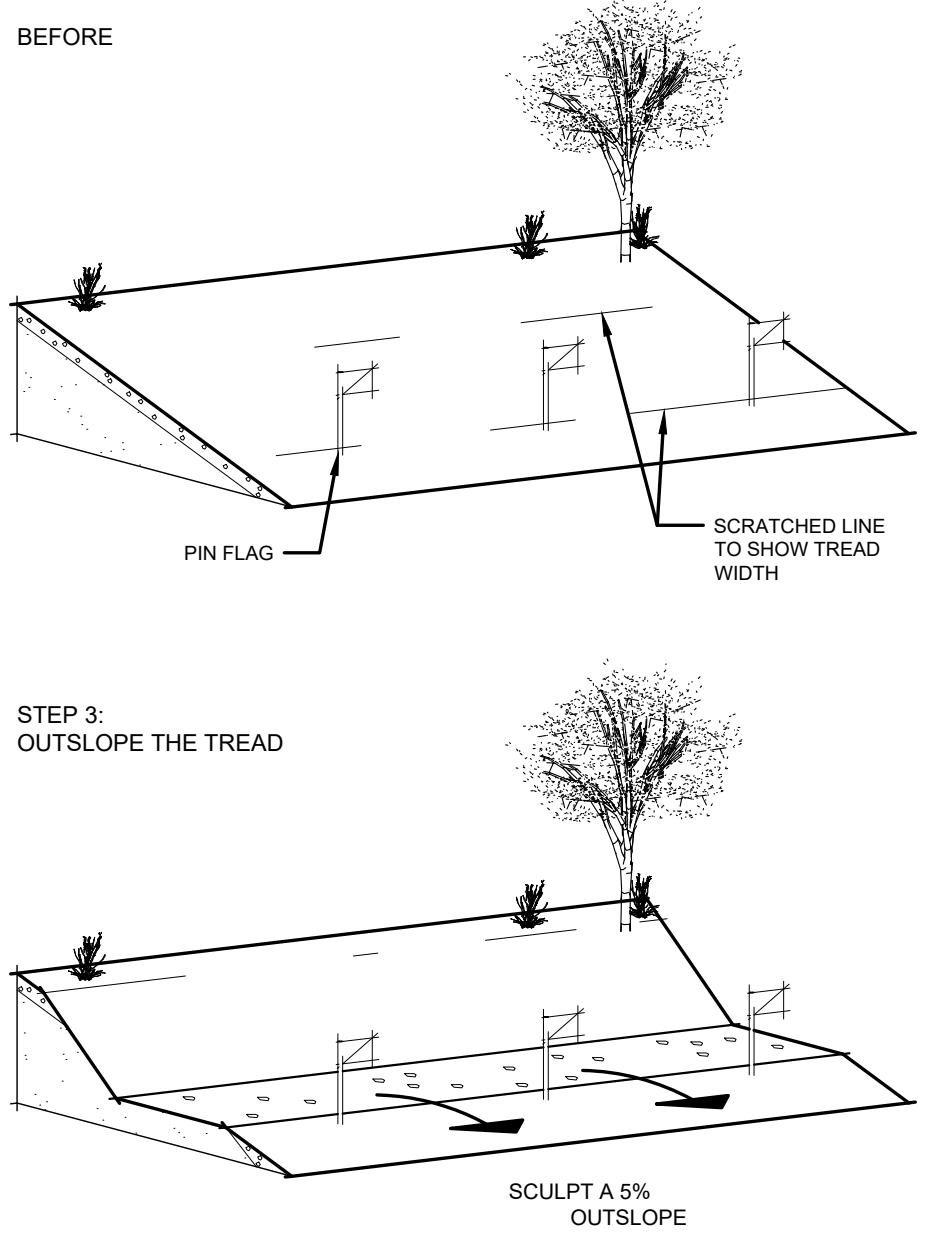
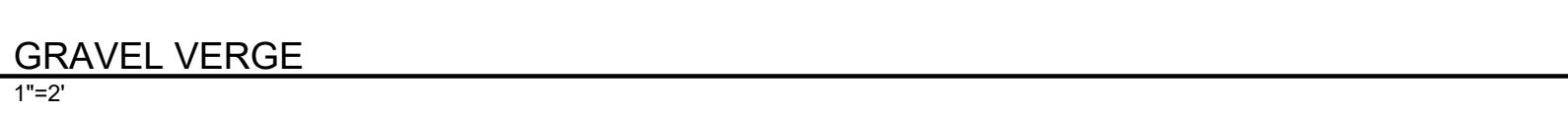
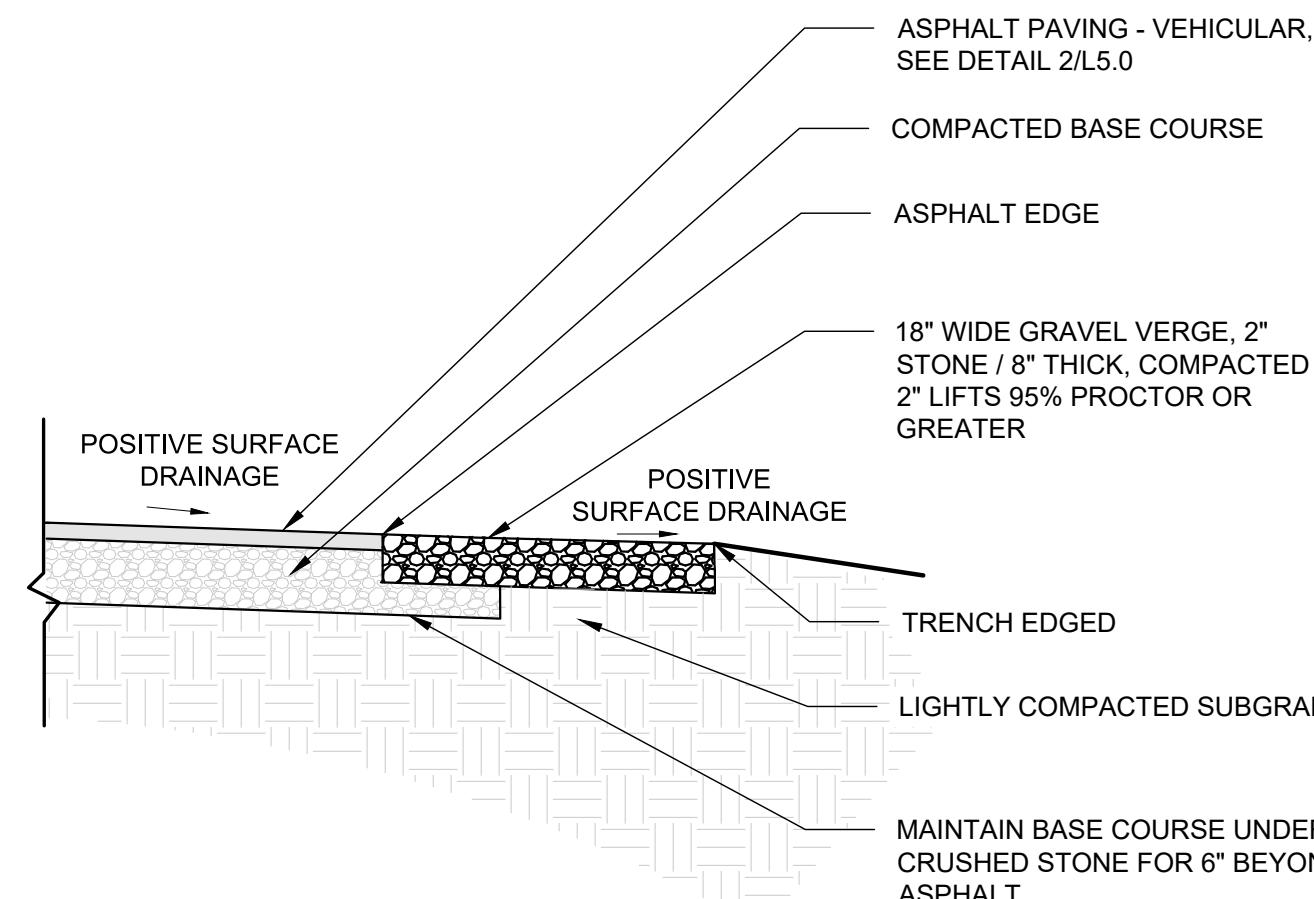
**NOTES:**

1. A 1.5" MILLING DEPTH IS GENERALLY A PARTIAL DEPTH REPAIR.
2. THE MILLED AREA SHOULD BE CLEANED WITH AN AIR COMPRESSOR TO REMOVE ALL DIRT AND LOOSE IMPEDIMENTS.
3. A TACK COAT SHOULD BE PLACED ON EXISTING PAVEMENT BEFORE THE BITUMINOUS OVERLAY CAN BE PAVED.
4. ASPHALT OVERLAY SHALL BE A HOT MIX ASPHALT MEETING FAA P-401 OR P-403 REQUIREMENTS.



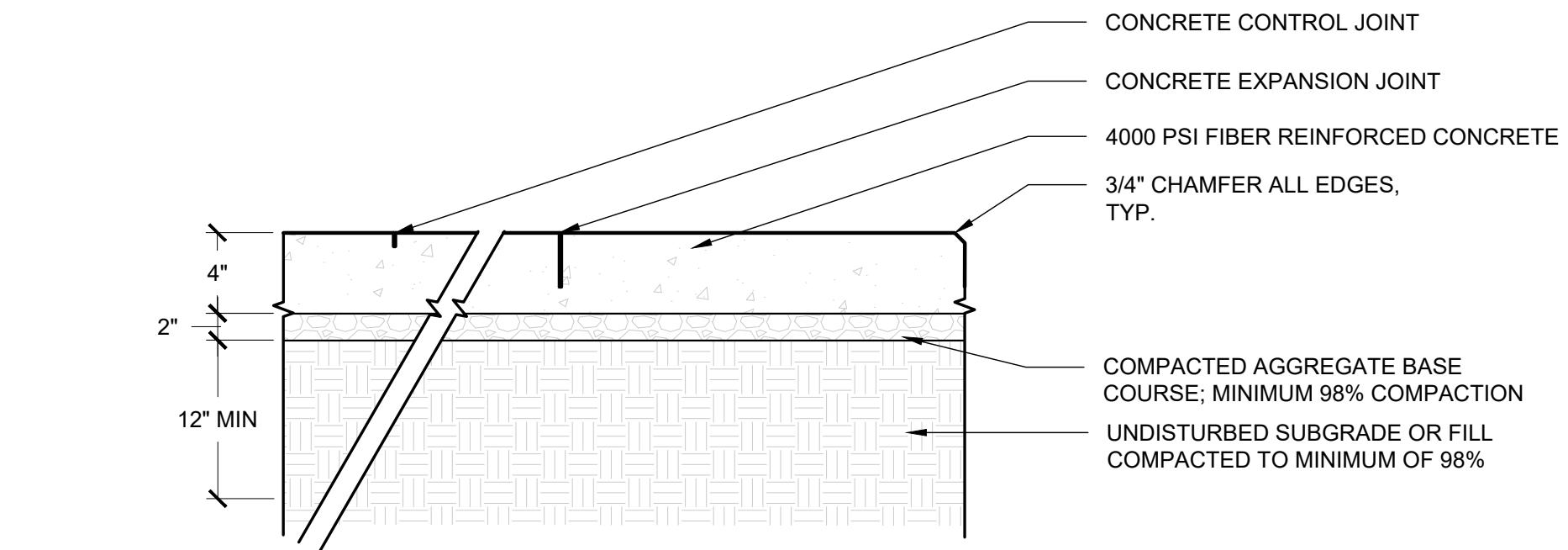
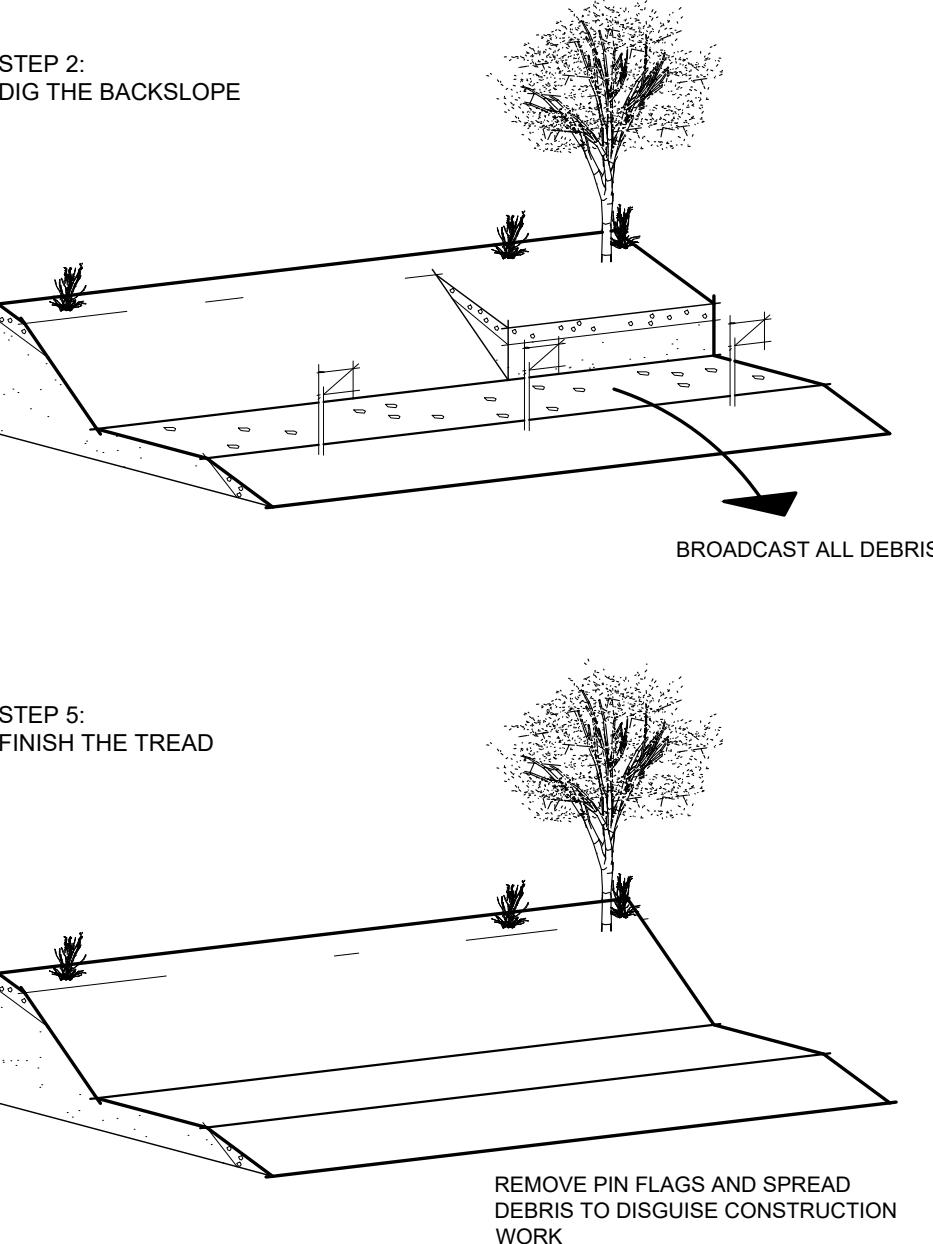
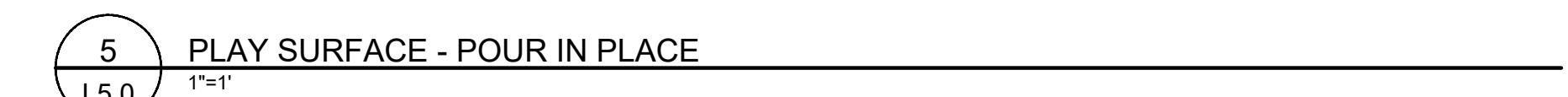
**NOTES:**

1. ALL PAVING WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE NC DOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
2. ALL ASPHALT PAVEMENT AND BASE COURSE THICKNESS SPECIFIED SHALL BE AFTER COMPACTION.
3. SUBGRADE AND BASE COURSE SHALL BE MECHANICALLY COMPACTED (ROLLED) IN ACCORDANCE WITH ASTM D698.
4. POSITIVE DRAINAGE IS REQUIRED FOR ALL FINISHED GRADES OF BASE COURSES AND SURFACE COURSES TO ENSURE PROPER DRAINAGE AND NO SETTLING OCCURS (MIN.1%).



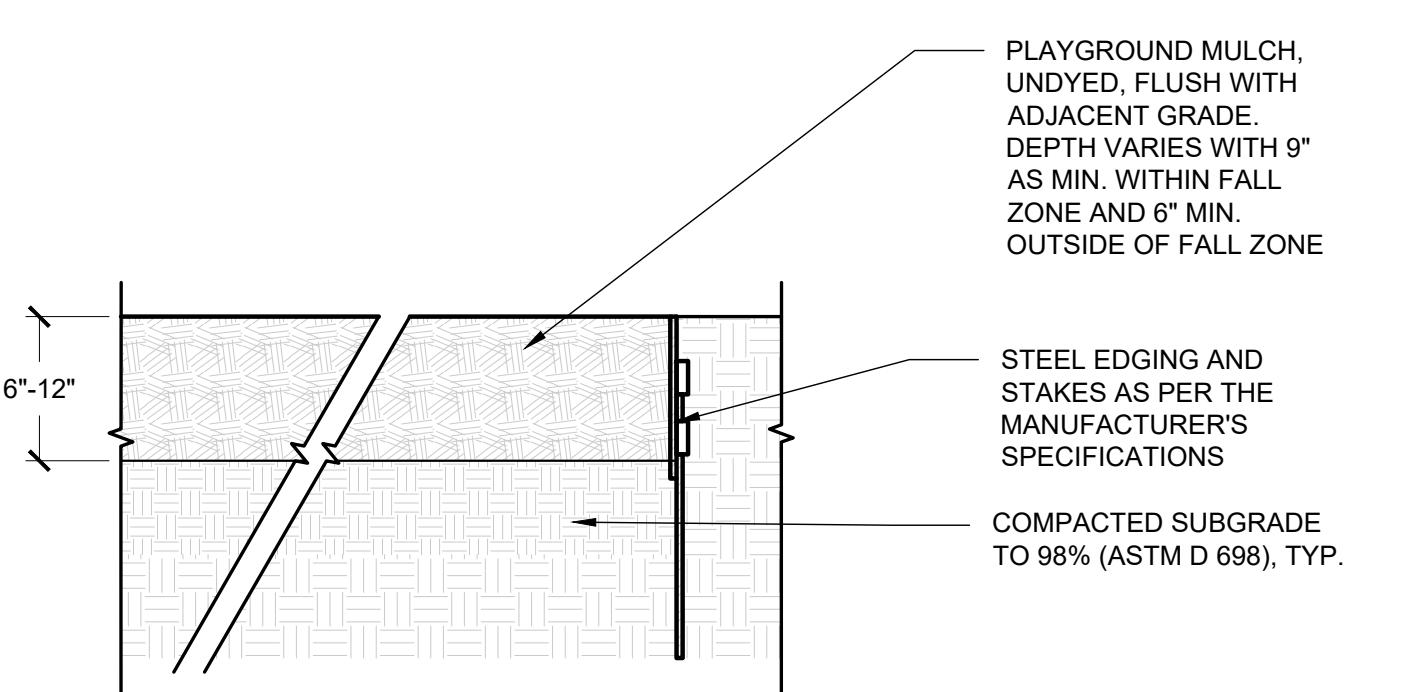
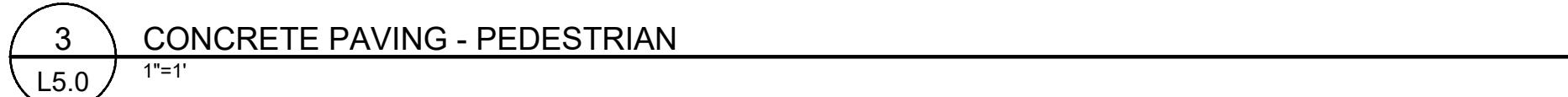
**NOTES:**

1. SURFACE TO BE 1/2" TO 3/4" ABOVE THE GRADE IF ADJACENT TO VEGETATED SURFACE AND FLUSH WITH HARD SURFACE TO ACHIEVE POSITIVE DRAINAGE.
2. PLACE A 1/8" EXPANSION JOINT AS RECOMMENDED BY MANUFACTURER.



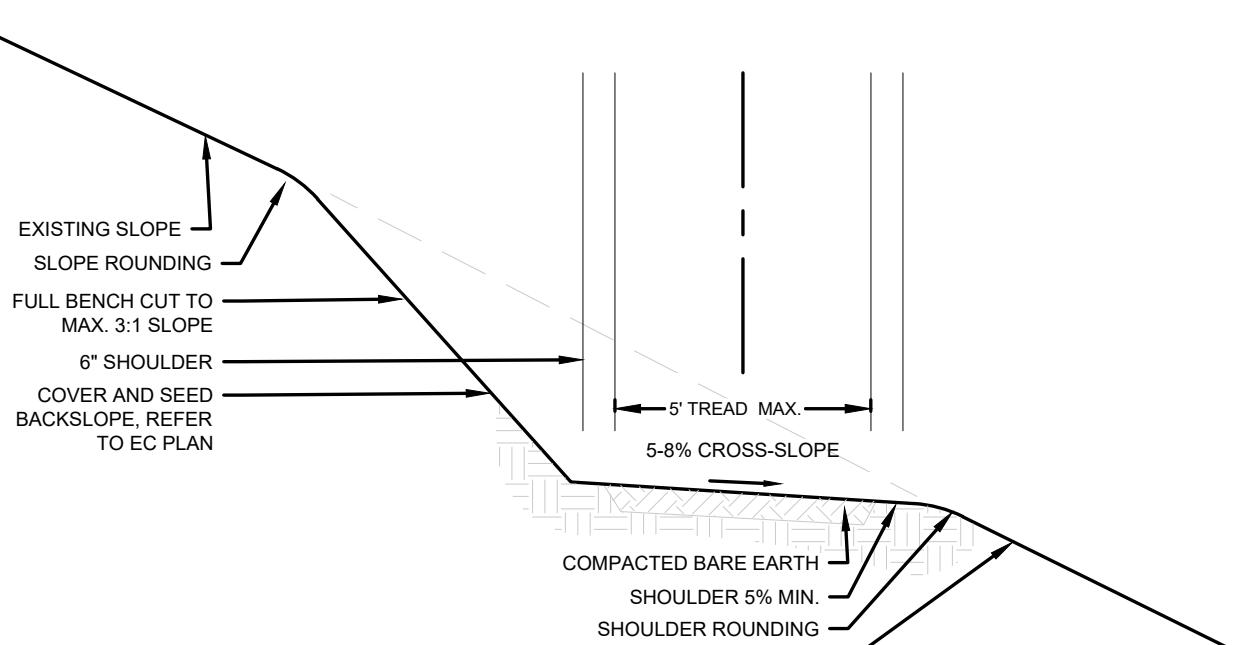
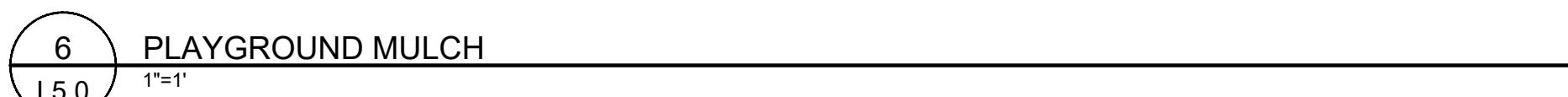
**NOTES:**

1. CONCRETE TO BE 1/2" TO 3/4" ABOVE THE GRADE IF ADJACENT TO VEGETATED SURFACE AND FLUSH WITH HARD SURFACE TO ACHIEVE POSITIVE DRAINAGE.
2. PLACE A 1/8" SAW CUT CONTROL JOINT AS SHOWN ON PLAN TO 1 1/2" DEPTH.
3. PLACE A 1/8" EXPANSION JOINT AT EVERY MATERIAL CHANGE.
4. MEDIUM BROOM FINISH.



**NOTES:**

1. WITHIN FALL ZONES, MULCH DEPTH TO BE 9" MINIMUM.



**NOTES:**

1. THE TRAIL SHALL BE ALIGNED TO AVOID REMOVAL OF TREES GREATER THAN 6" IN DIAMETER BREAST HEIGHT WHERE POSSIBLE.
2. SINCE LOCATED ON A TRAIL, TREAD SHALL BE COMPLETELY REMOVED. THOSE LOCATED IN THE TRAIL CORRIDOR TO BE CUT FLUSH TO THE GROUND.
3. WORK SHALL BE PERFORMED WITH HAND TOOLS OR LOW IMPACT MECHANIZED EQUIPMENT WITH A FOOTPRINT NO WIDER THAN THE SPECIFIED TRAIL TREAD UNLESS APPROVED BY THE PROJECT MANAGER.
4. UNLESS OTHERWISE SPECIFIED, THE TRAIL SHALL BE CONSTRUCTED WITH A FULL BENCH CUT.
5. THE BACKSLOPE SHALL TRANSITION SMOOTHLY TO THE EXISTING UPHILL GRADE.
6. ALL VEGETATIVE/ROOT MATTER, WITH THE EXCEPTION OF LARGE FEEDER ROOTS, AND ROCKS IN THE TRAIL TREAD SHALL BE REMOVED; AND HOLES SHALL BE FILLED WITH SUITABLE MATERIAL AND COMPACTED.
7. THE TRAIL SHALL HAVE A COMPACTED SOIL SURFACE. COMPACTION SHALL BE COMPLETED USING A MECHANIZED TAMPER SUCH AS A VIBRATING PLATE COMPACTOR. THE TRAIL SHALL BE SHAPED TO THE DESIRED PROFILE. THE TRAIL TREAD, BACKSLOPES, AND DRAINAGE FEATURES SHALL BE FINISHED TO A SMOOTH, STABLE SURFACE.
8. TRAILS CONSTRUCTED WITHIN 100FT OF A STREAM SHALL BE COMPLETED AND STABILIZED BY THE END OF EACH WORK DAY.
9. GRADE REVERSALS AND GRADE DIPS SHALL BE CONSTRUCTED EVERY 20 TO 50 FEET TO REMOVE WATER FROM THE TRAIL TREAD. ALL NEEDED GRADE REVERSALS AND/OR DIPS WILL BE DONE ACCORDING TO IMBA STANDARDS AS SPECIFIED IN THEIR BOOK OF TRAIL SOLUTIONS.
10. LONGITUDINAL GRADES SHALL NOT EXCEED 10%.



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TOWN OF ROSMAN  
CHAMPION PARK  
IMPROVEMENT PROJECT: PHASE ZERO  
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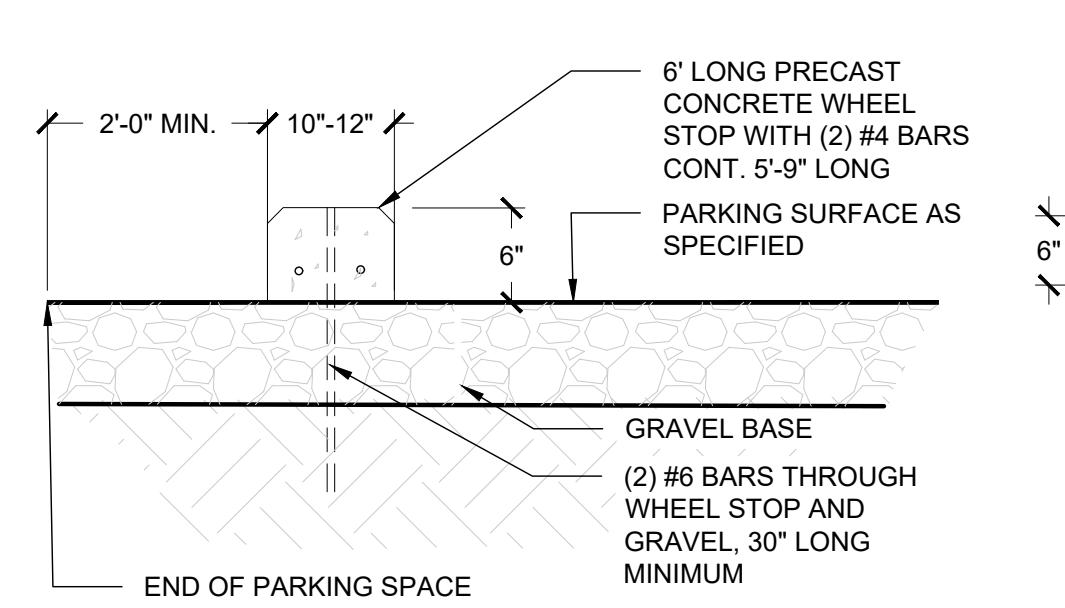
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ADA  
DETAILS

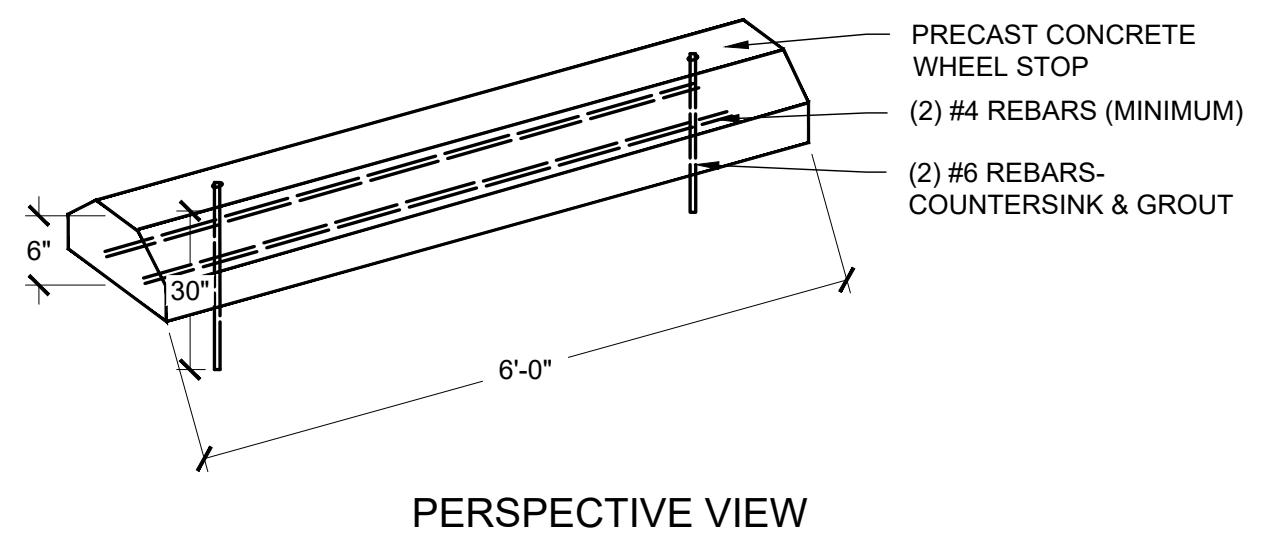
L5.1



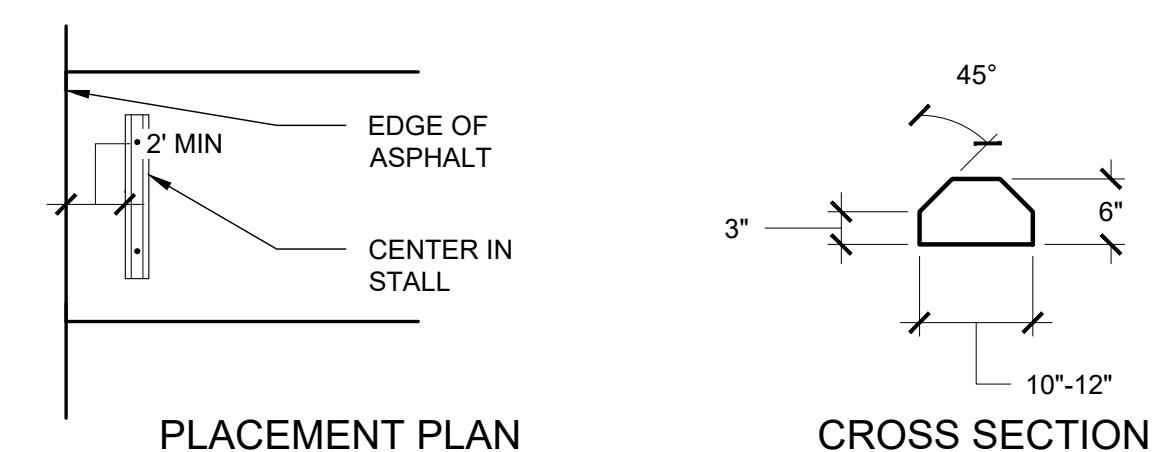
SECTION VIEW

NOTES:

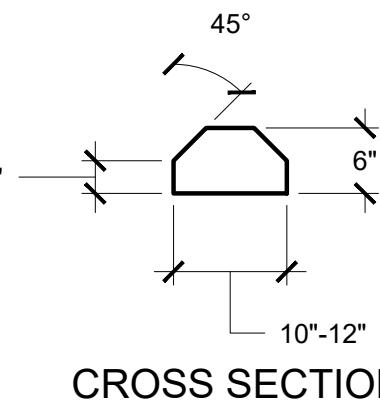
1. WHEEL STOPS TO BE USED ONLY WHERE SHOWN ON PLANS.
2. PREFABRICATED RECYCLED CONCRETE WHEEL STOPS ARE PREFERRED. ALTERNATIVE WHEEL STOPS ACCEPTABLE BUT REQUIRE PRIOR APPROVAL BY LANDSCAPE ARCHITECT. INSTALL BY MANUFACTURER SPECIFICATIONS, IF APPLICABLE. ACTUAL DIMENSIONS MAY VARY SLIGHTLY.



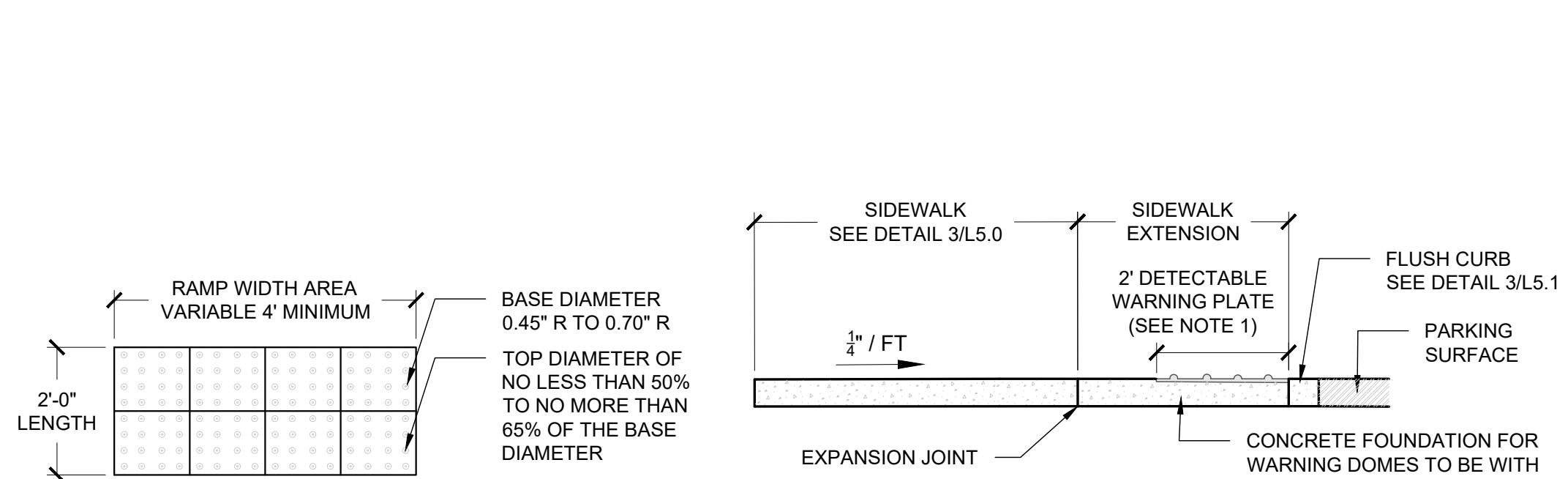
PERSPECTIVE VIEW



PLACEMENT PLAN



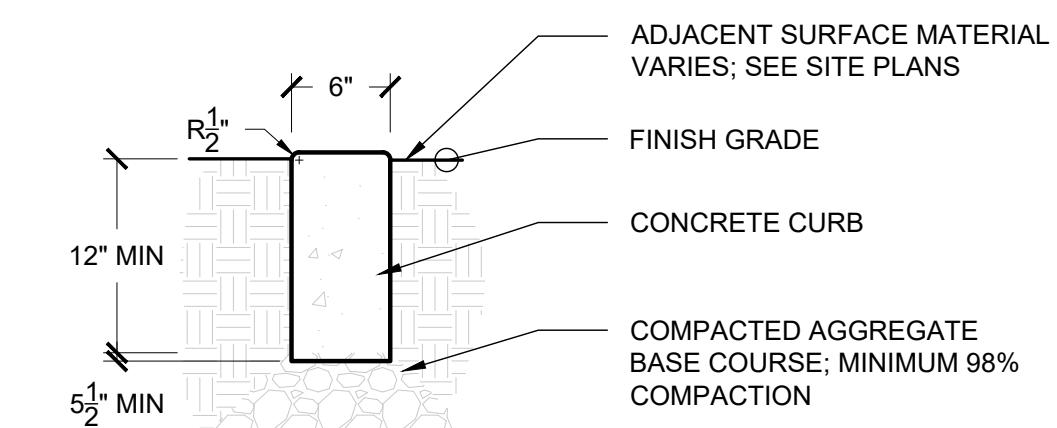
CROSS SECTION



FLUSH SECTION WITH  
DETECTABLE WARNING PLATES

NOTES:

1. DETECTABLE WARNING PLATES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON DETAIL.
2. SIZE OF PAVER SHALL BE 1' X 1'.
3. DETECTABLE WARNING PLATES SHALL BE NEENAH FOUNDRY STEEL., OR APPROVED EQUAL.



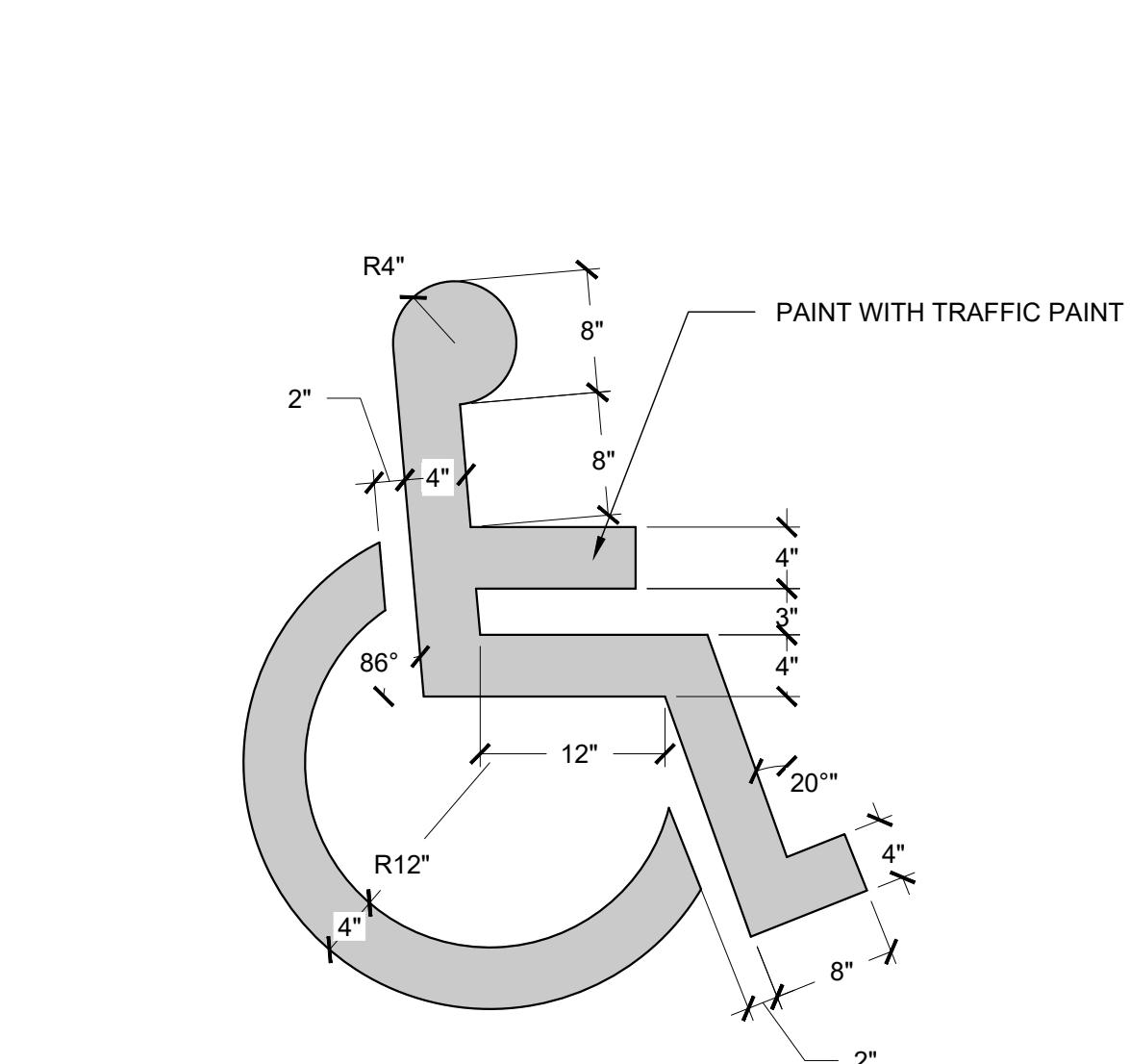
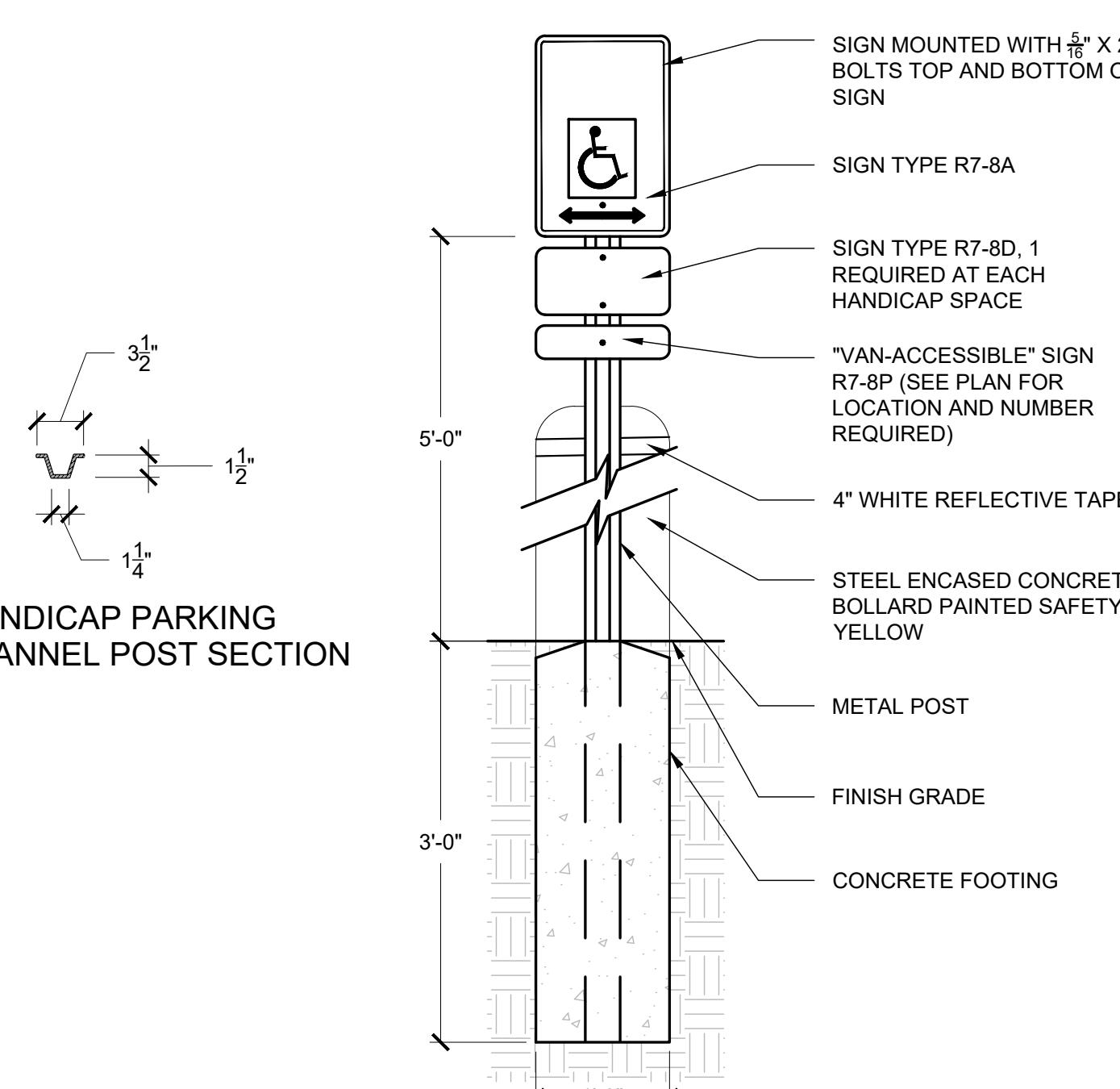
FLUSH CURB  
L5.1

1 WHEEL STOPS  
L5.1  
1"=1"

2 DETECTABLE WARNING PLATE  
L5.1  
1"=1"

3 FLUSH CURB  
L5.1  
1"=1"

HANDICAP PARKING  
U-CHANNEL POST SECTION



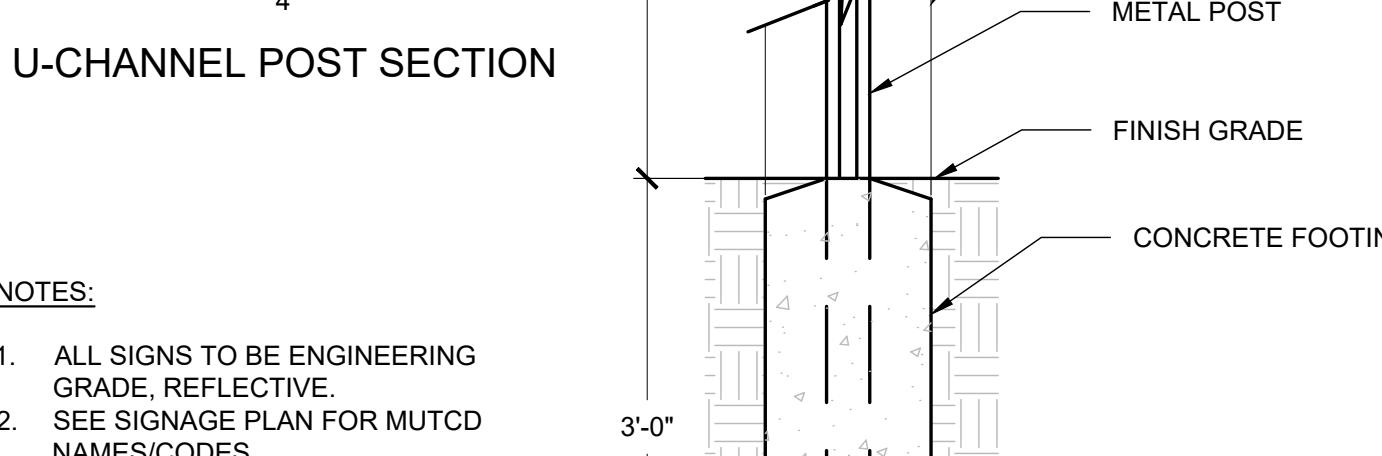
NOTES:

1. STRIPING PAINT TO BE NCDOT APPROVED, WHITE (TRAFFIC) PAINT.
2. SEE PLAN FOR ADA MARKERS LOCATIONS.

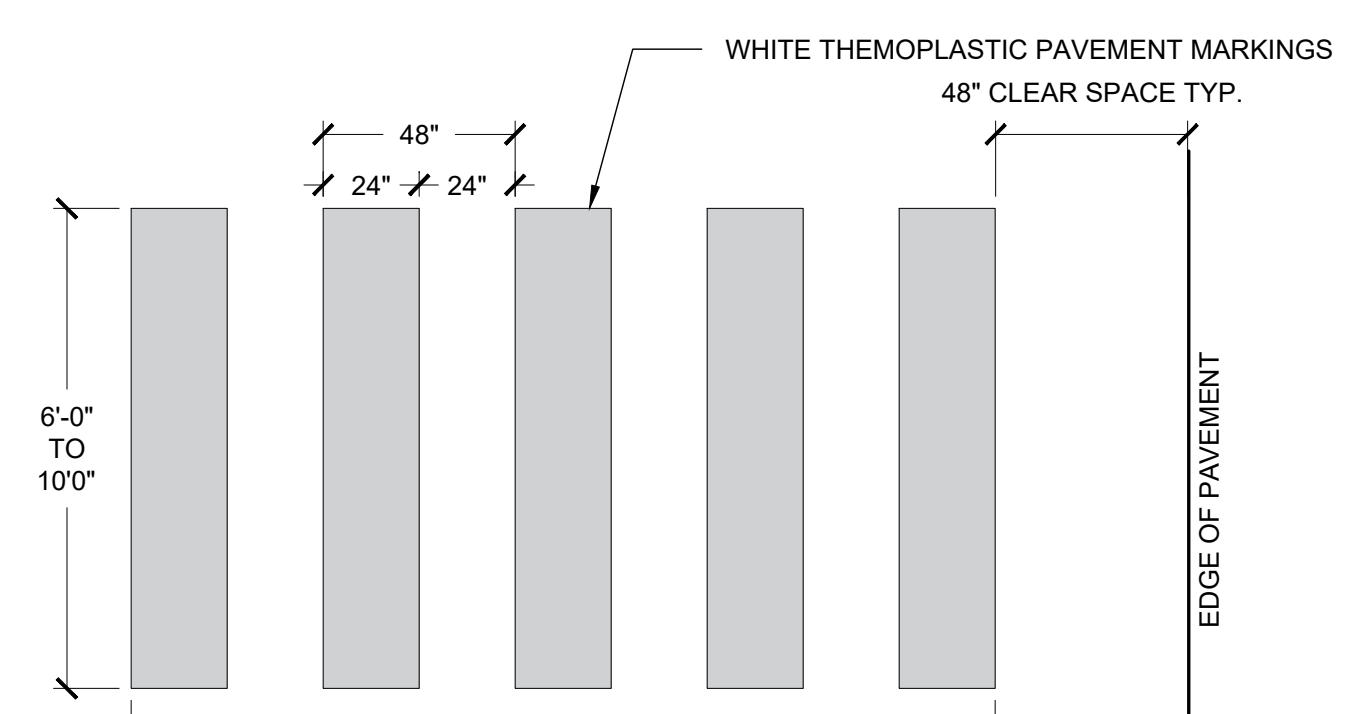
4 ADA SIGNAGE  
L5.1  
NTS

NOTES:

1. ALL SIGNS TO BE ENGINEERING GRADE, REFLECTIVE.
2. SEE SIGNAGE PLAN FOR MUTCD NAMES/CODES



5 ADA MARKER  
L5.1  
NTS

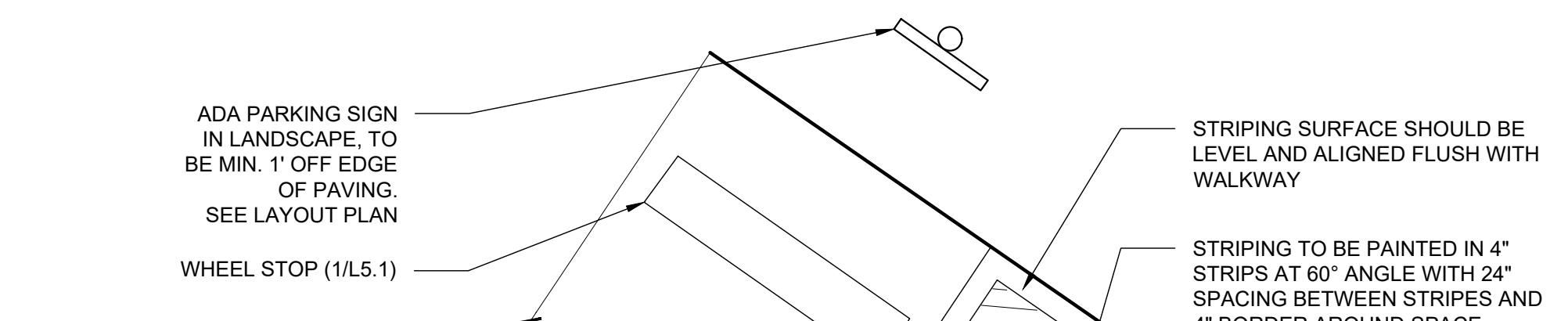


NOTES:

1. CENTER CROSSWALKS TO THEIR CORRESPONDING CONNECTIONS, BUT DO NOT SET THEM WITHIN THE INTERSECTION AREA ESTABLISHED BY BISECTING THE INTERSECTION RADII
2. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR APPLICATION OF THERMOPLASTIC
3. SETBACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST TRAVEL LANE IS 4' MIN
4. A CLEAR SPACE OF 4' MIN. SHALL BE PROVIDED WITHIN THE CROSSWALK
5. CROSSWALK ACROSS DRIVEWAY, 6' MIN.

6 MUTCD SIGNAGE  
L5.1  
1"=1"

7 CROSSWALK PAINTING & STRIPING  
L5.1  
1"=4"



NOTES:

1. USE THE COLOR WHITE FOR ALL PAVEMENT MARKING SYMBOLS.
2. SEE PLANS FOR LOCATIONS AND ARROW TYPES TO BE PAINTED.
3. DO NOT LOCATE PAVEMENT MARKING SYMBOLS AS TO ENCROACH INTO INTERSECTION AREAS.
4. DO NOT PLACE PAVEMENT MARKING SYMBOLS ACROSS TRANSVERSE EXPANSION JOINTS ON PORTLAND CEMENT CONCRETE PAVEMENTS, UNLESS APPROVED BY LANDSCAPE ARCHITECT.
5. CONFORM ALL SYMBOLS TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS". SYMBOL DIMENSIONS CAN VARY AMONG MANUFACTURERS, THEREFORE SLIGHT VARIANCES ARE ACCEPTABLE, HOWEVER, ALL SYMBOLS ARE REQUIRED TO BE APPROVED BY THE DEPARTMENT.

8 HANDICAP PARKING SPACE PAINTING & STRIPING  
L5.1  
1"=4"



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SEAL



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DRAWING NAME

**PLAY &  
STORMWATER  
DETAILS**

**L5.2**



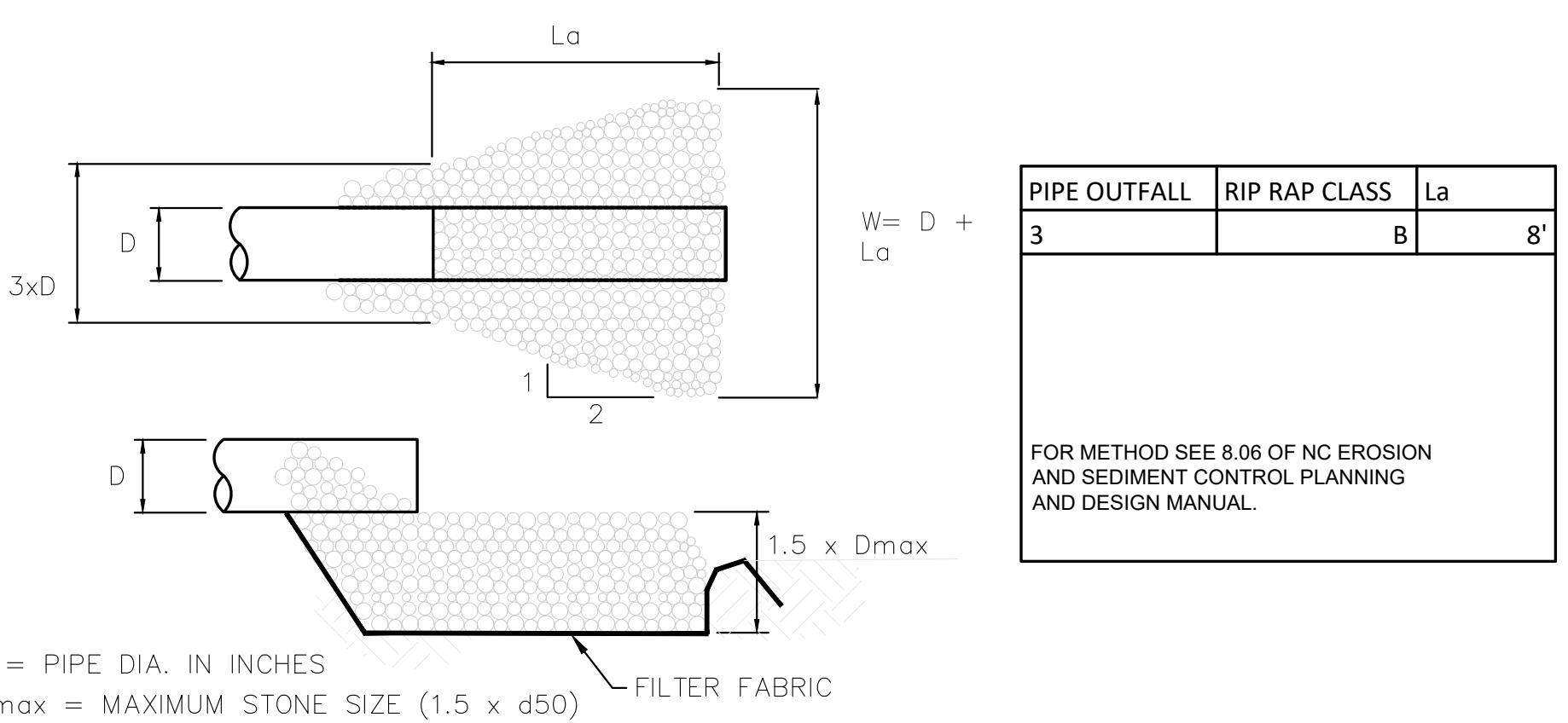
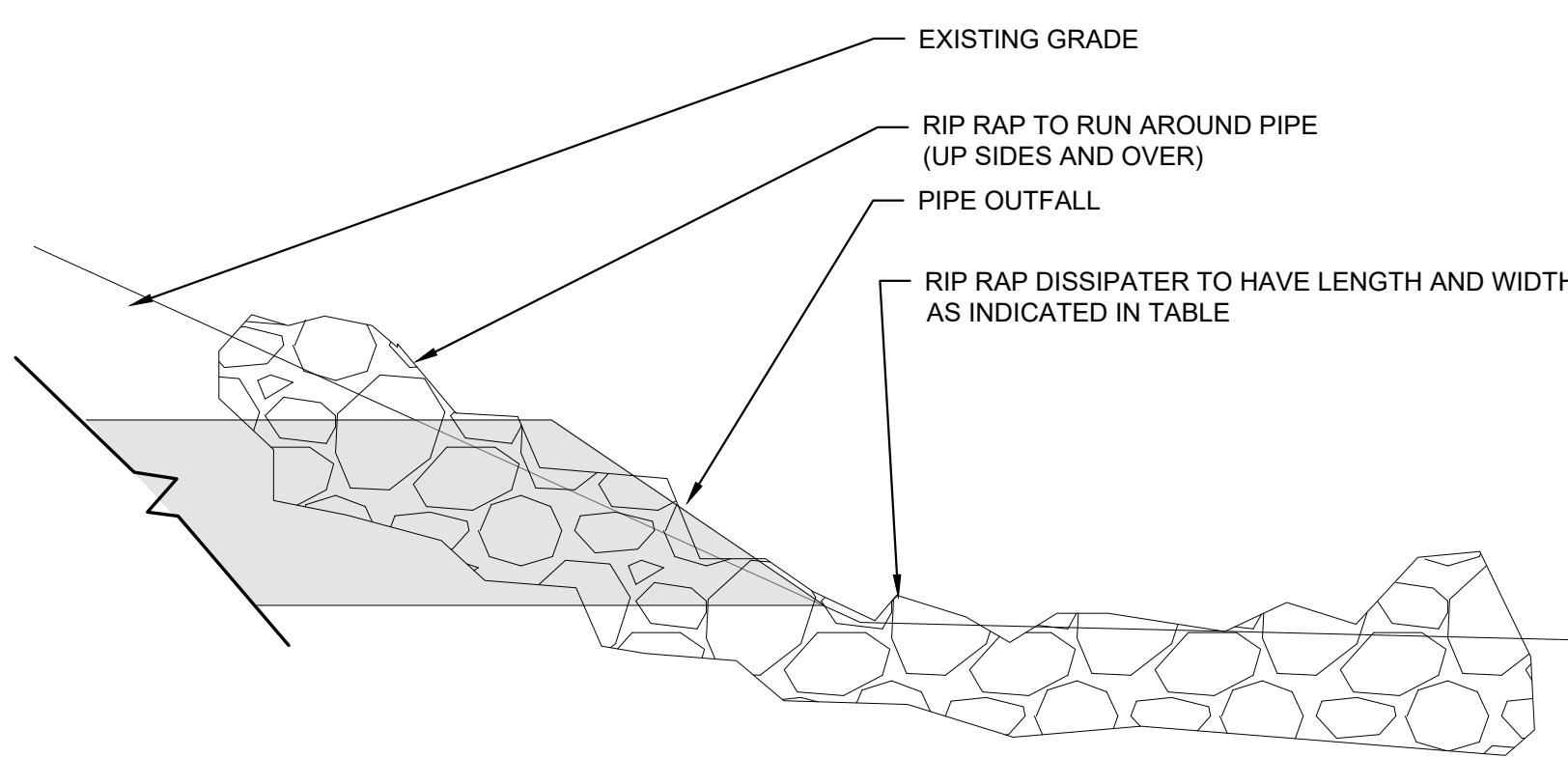
CONCRETE CULVERT  
BOULDERS TO BE SMOOTH  
AND WITHOUT SHARP EDGES  
BOTTOM BOULDER TO BE SET  
2/3 INTO GRADE  
BOULDERS TO BE MORTARED  
IN PLACE. MORTAR TO BE  
RECESSED FROM BOULDER  
FACE.

1 CULVERT TUNNEL  
L5.2

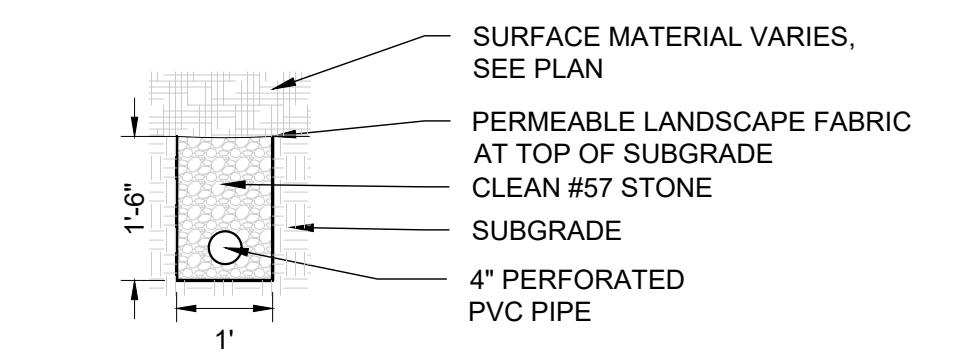


TIRES CAN VARY IN SIZE AND  
TREAD. ALL TIRES TO BE CLEANED  
AND INSPECTED FOR FRAYING  
AND/OR OTHER FAULTS.  
TIRES CAN BE PAINTED  
BRIGHTLY, POTENTIALLY AS  
A VOLUNTEER EFFORT.  
TIRES SHOULD BE BURIED TO  
HALF DEPTH.

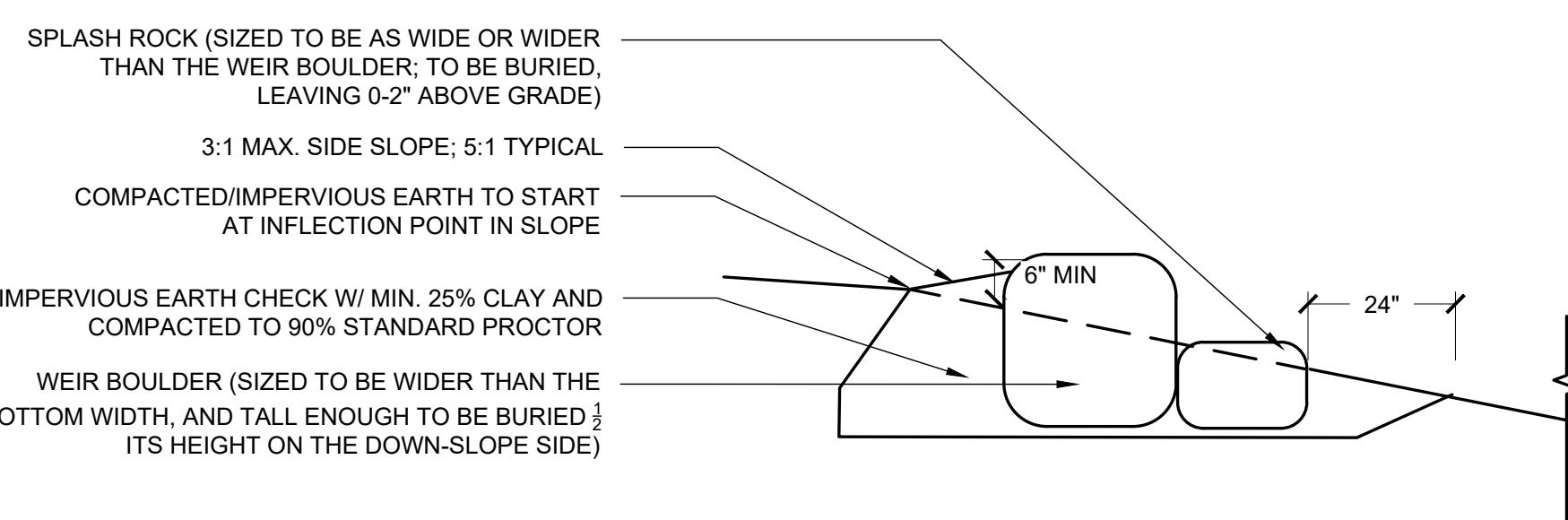
2 TIRE CATERPILLAR  
L5.2



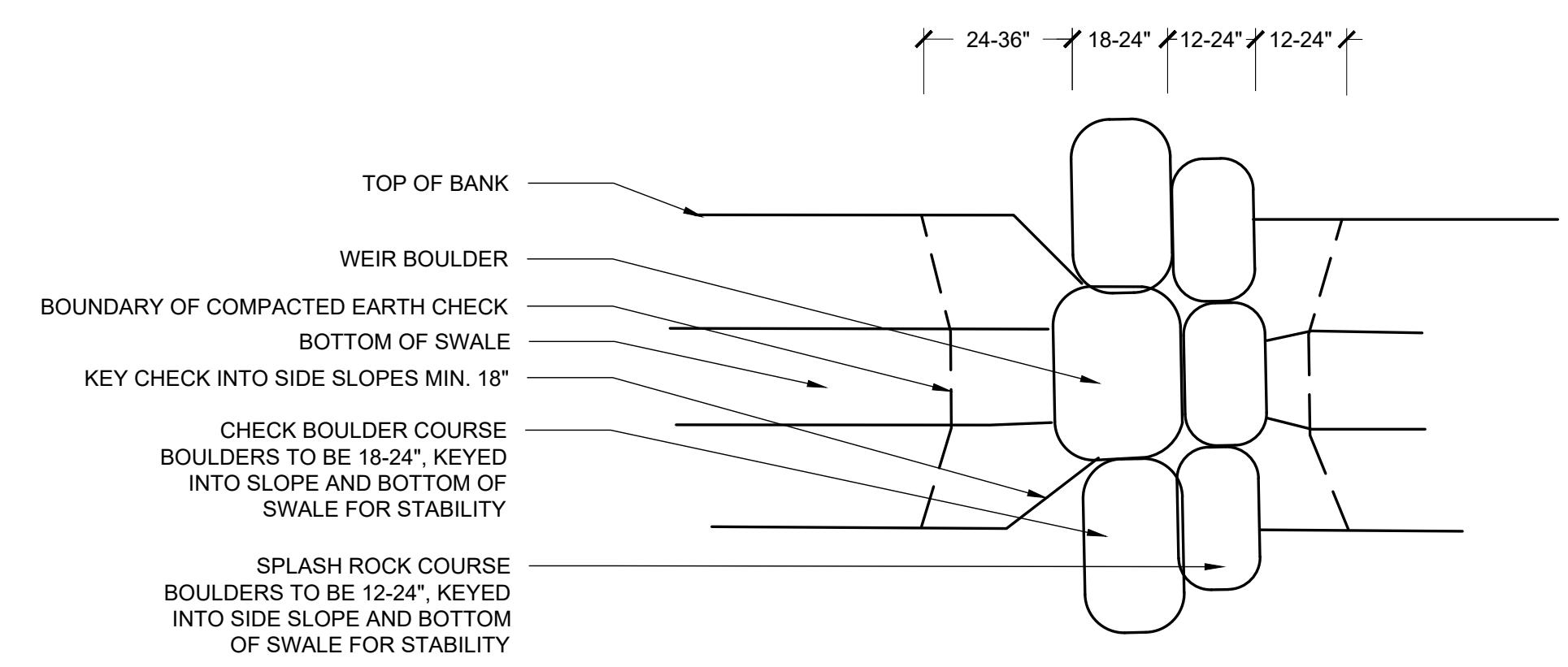
3 ENERGY DISSIPATION PAD  
L5.2



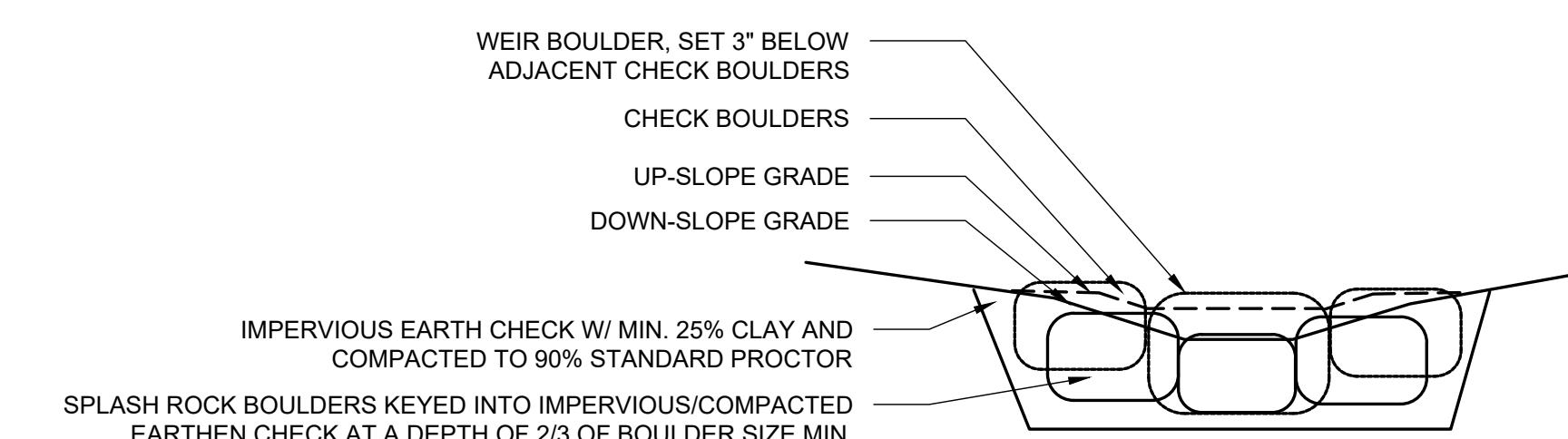
4 UNDERDRAIN  
1/2"=1'



PROFILE



PLAN VIEW



SECTION VIEW

5 ROCK CHECK  
L5.2