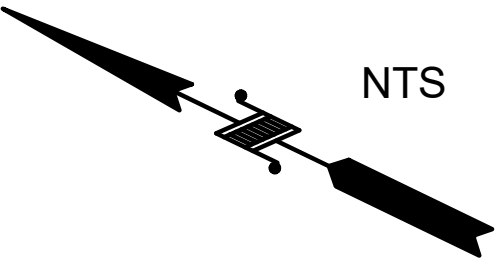
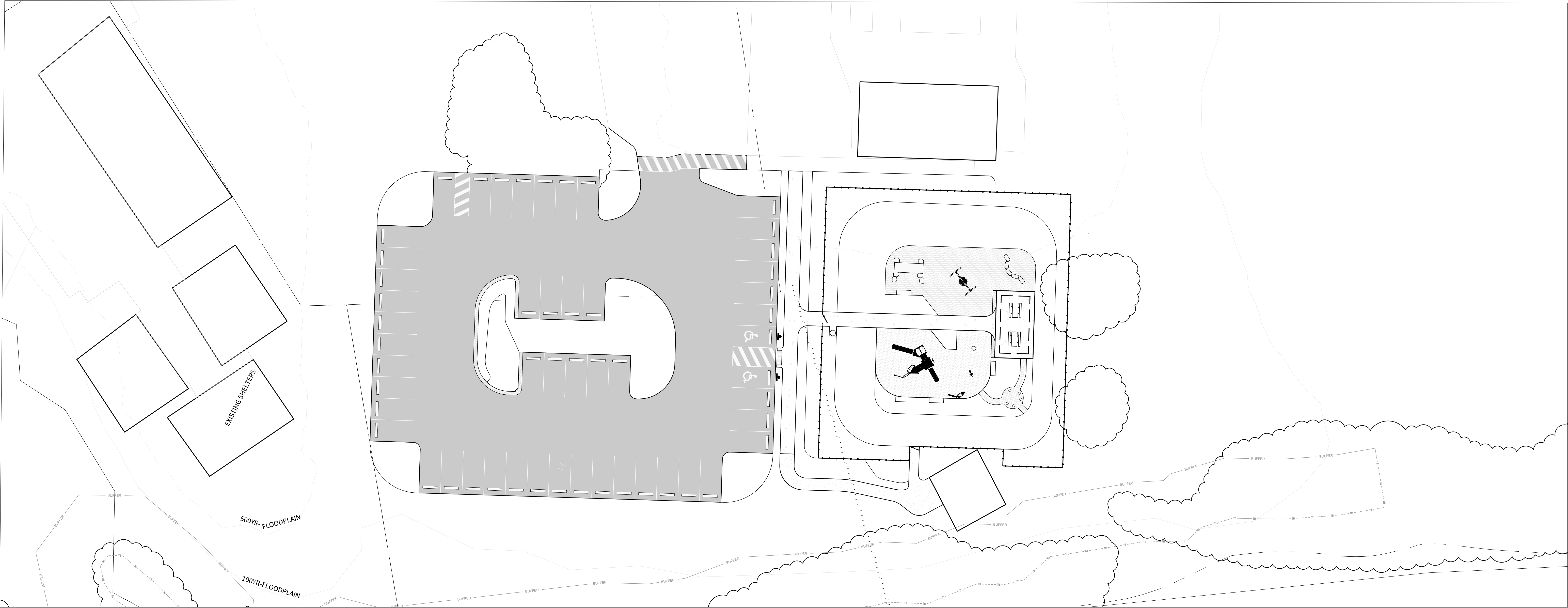


CHAMPION PARK IMPROVEMENT PROJECT: PHASE ZERO BID SET



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

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

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--	L0.0 Cover Sheet
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L2.0	LAYOUT & MATERIALS
L3.0	GRADING & STORMWATER
L4.0	PLANTING PLAN
L4.1	PLANTING PLAN
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 SEEDED. (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 AT THE PRE-DETERMINED LANDFILL SITE. LANDFILL FEES SHALL BE INCLUDED IN THE CONTRACTOR'S PROJECT FEE. THIS INCLUDES ALL SURPLUS SOIL MATERIAL, UNSUITABLE TOPSOIL, ROCK, OBSTRUCTIONS, DEMOLISHED 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 TRACER 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 FLOW 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 UNEXPOSED 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 ($\frac{1}{8}" - \frac{1}{4}"$ WIDTH BY $\frac{1}{4}"$ 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 INSTALLATION.
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 SEEDED 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.

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 DIA. 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 MATURING 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 TRANSPANTING. 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 $\frac{1}{2}"$ 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 DRIPLINES 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.

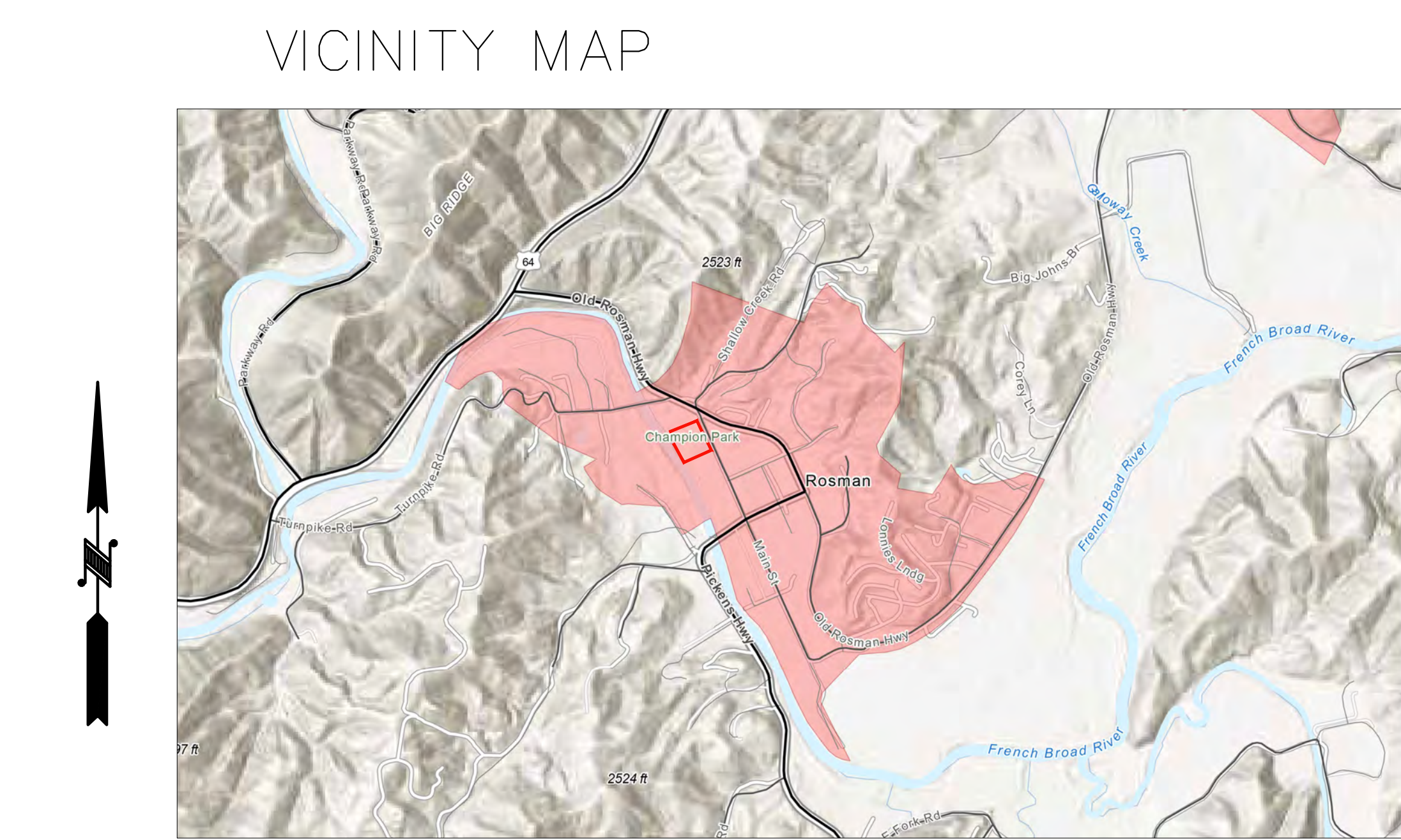
62. MAINTENANCE: PRUNE UP TREES FOR CLEARANCE AT 6'0" TYPICAL.

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.

63. NATURAL SURFACE TRAILS:
- SEE SPECIFICATIONS PACKAGE FOR DETAILED AND COMPREHENSIVE NOTES AND GUIDELINES.

EROSION CONTROL MEASURES:



69. 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 FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.

70. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.

71. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

72. 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.

73. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, 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.

74. 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.

75. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.

76. 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.

77. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.

78. 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.

79. 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.

80. 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.

81. MINIMIZE SOIL COMPACTION AND, UNLESS UNFEASIBLE, PRESERVE TOPSOIL.

82. 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.

83. 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).

84. MAINTAIN ALL BUFFER REQUIREMENTS AS INDICATED ON THE PLAN.

85. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:

- 85.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
- 85.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS;
- 85.3. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND

EQUINOX

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

SEAL

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

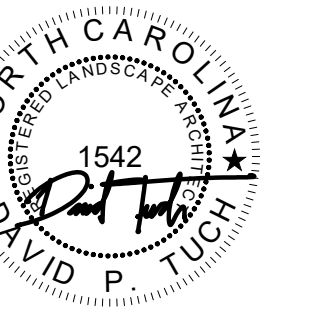
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DRAWING NAME

INDEX & GENERAL NOTES

L0.1

AL



SIGN BY:	DRAWN BY:	CHECKED BY:
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TOWN OF ROSMAN
CHAMPION PARK
IMPROVEMENT PROJECT: PHASE ZERO
ROSMAN, NC 28772

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CASE

D SET

E

January 12, 2026

DRAWING SCALE

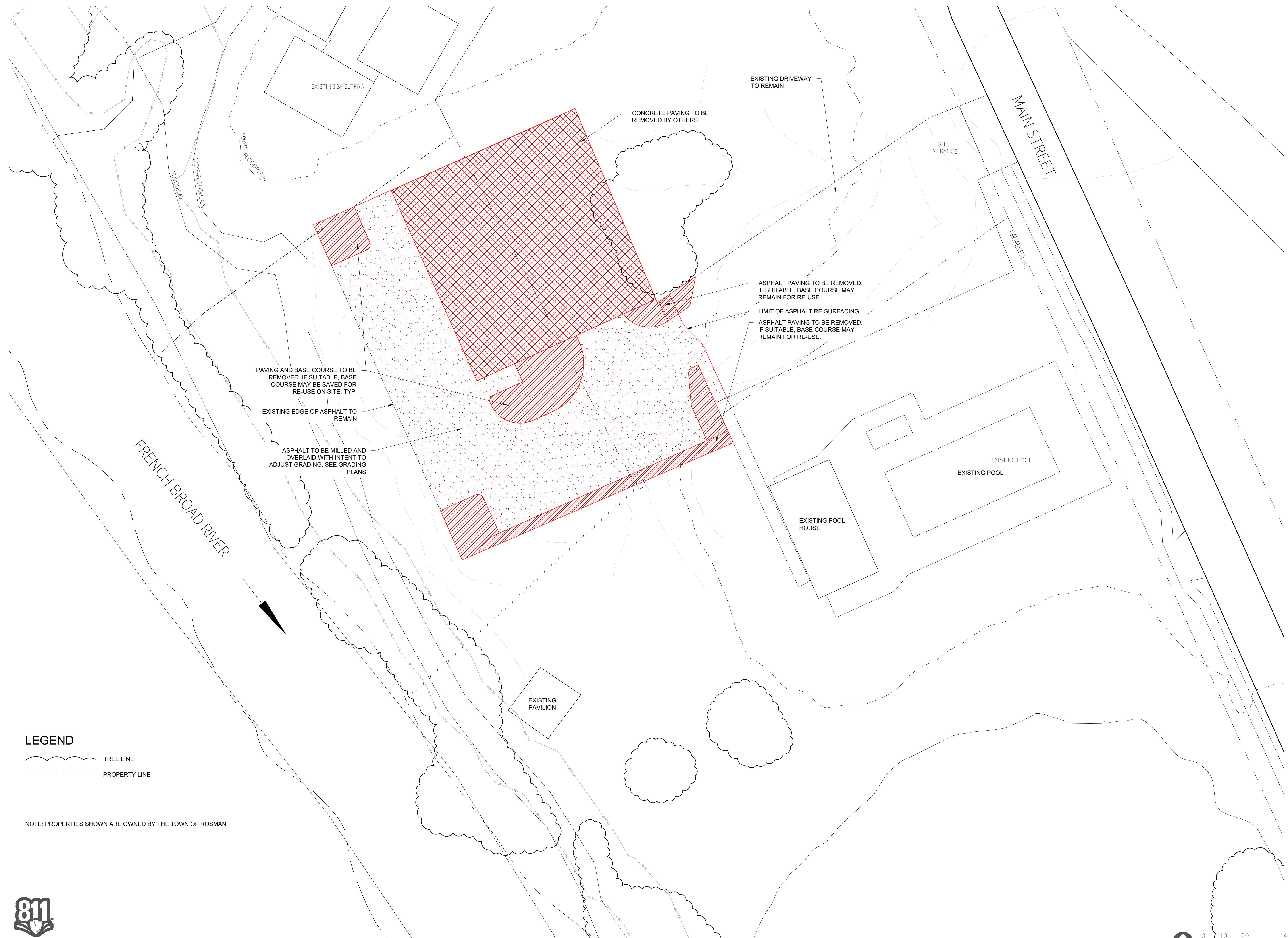
AS SHOWN

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DRAWING NAME

DEMOLITION
PLAN

0.2



LEGEND



NOTE: PROPERTIES SHOWN ARE OWNED BY THE TOWN OF ROSMAN

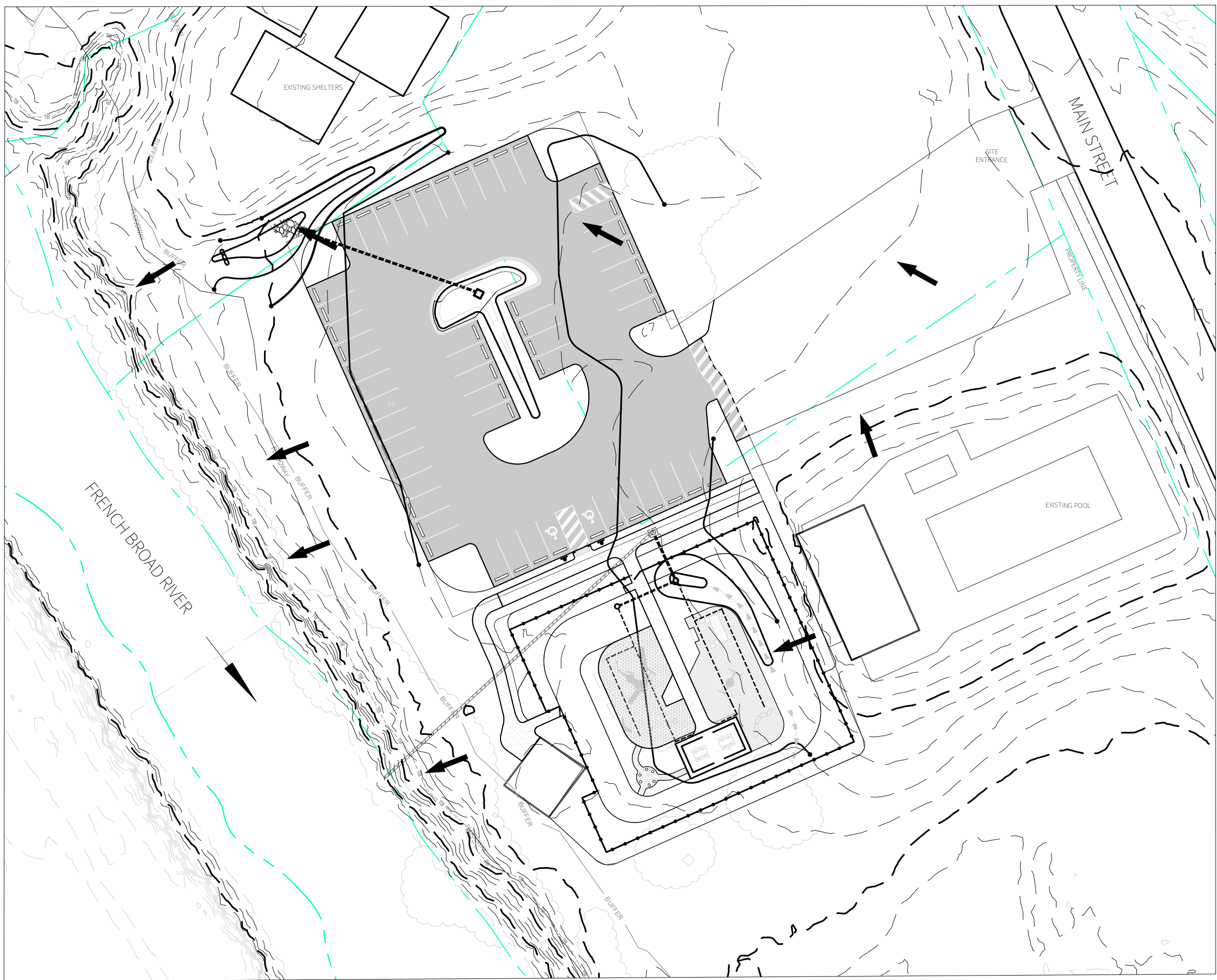


Know what's **below**.
Call before you dig.

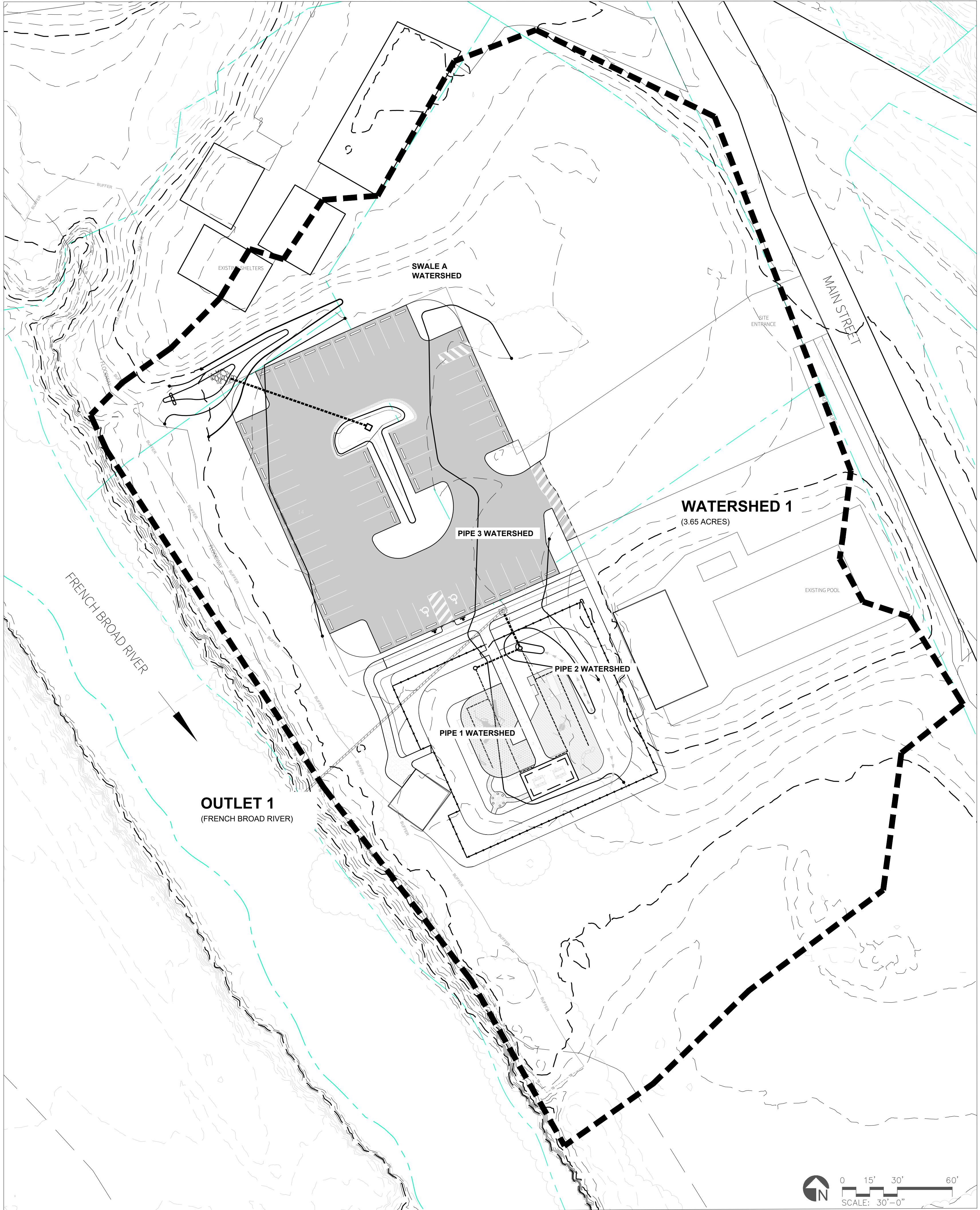




1. PRE-DEVELOPMENT FLOW



2. POST-DEVELOPMENT FLOW



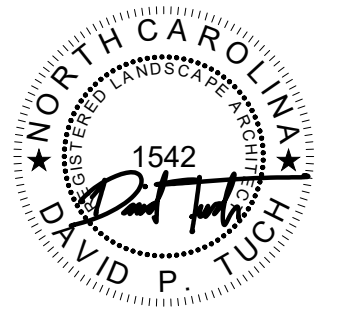
3. DELINEATION MAP



EQUINOX

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

SEAL



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DATE

REVISIONS



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CHAMPION PARK
IMPROVEMENT PROJECT: PHASE ZERO
ROSMAN, NC 28772

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PHASE

BID SET

DATE

January 12, 2026

DRAWING SCALE

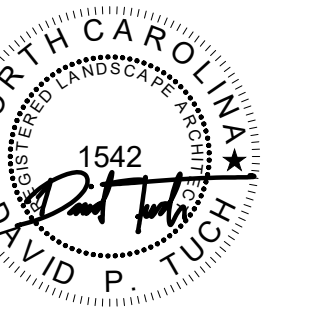
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DRAWING NAME

DELINEATION
MAP

L0.3



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

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BID SET

January 12, 2026

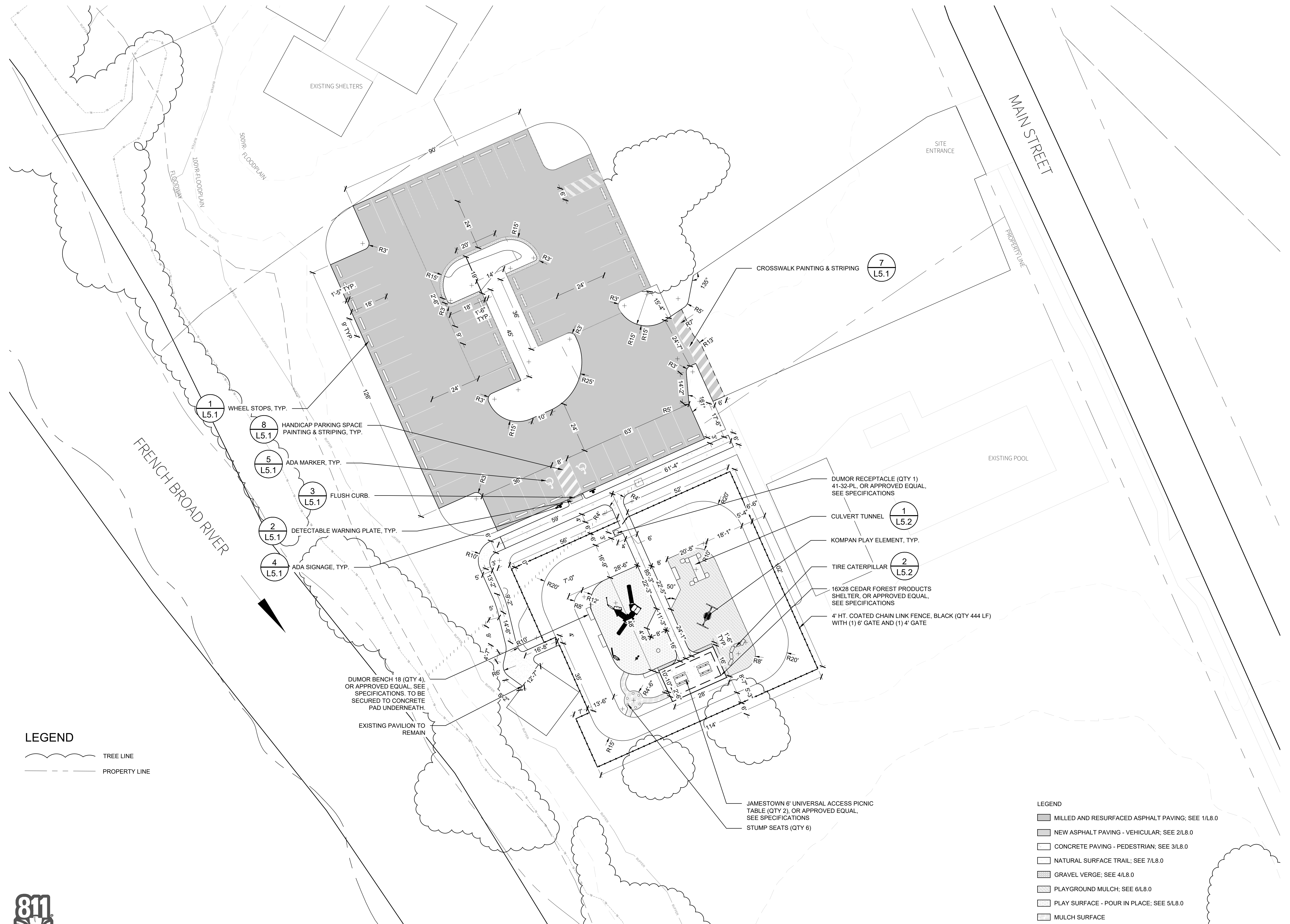
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DRAWING NAME

LAYOUT & MATERIALS

2.0











LEGEND

 TREE LINE
 PROPERTY LINE



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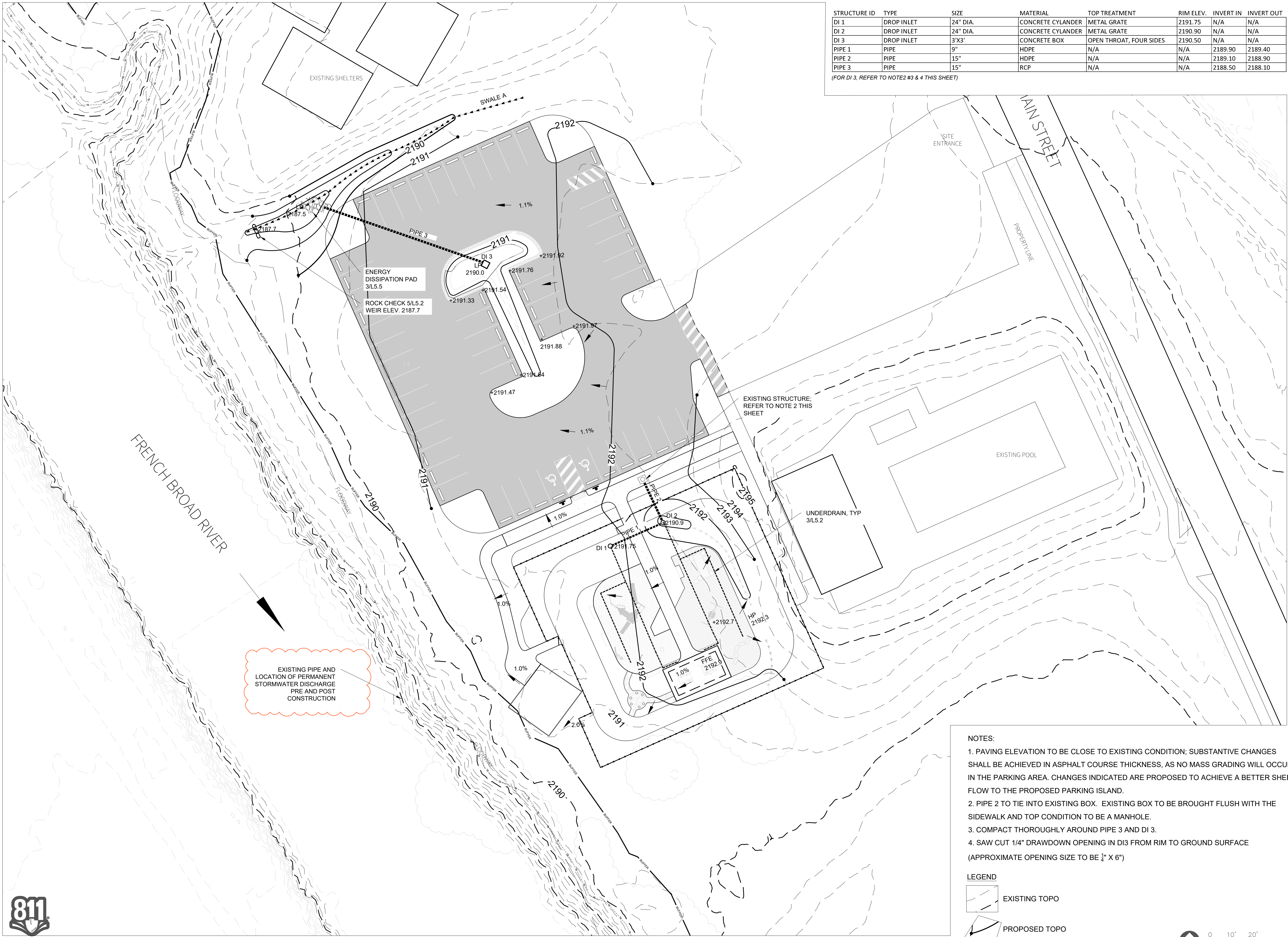
LEGEND

-  MILLED AND RESURFACED ASPHALT PAVING; SEE 1/L8.0
-  NEW ASPHALT PAVING - VEHICULAR; SEE 2/L8.0
-  CONCRETE PAVING - PEDESTRIAN; SEE 3/L8.0
-  NATURAL SURFACE TRAIL; SEE 7/L8.0
-  GRAVEL VERGE; SEE 4/L8.0
-  PLAYGROUND MULCH; SEE 6/L8.0
-  PLAY SURFACE - POUR IN PLACE; SEE 5/L8.0
-  MULCH SURFACE



0 10' 20' 40'

SCALE: 20'-0"



STRUCTURE ID	TYPE	SIZE	MATERIAL	TOP TREATMENT	RIM ELEV.	INVERT IN	INVERT OUT
DI 1	DROP INLET	24" DIA.	CONCRETE CYLANDER	METAL GRATE	2191.75	N/A	N/A
DI 2	DROP INLET	24" DIA.	CONCRETE CYLANDER	METAL GRATE	2190.90	N/A	N/A
DI 3	DROP INLET	3'X3'	CONCRETE BOX	OPEN THROAT, FOUR SIDES	2190.50	N/A	N/A
PIPE 1	PIPE	9"	HDPE	N/A	N/A	2189.90	2189.40
PIPE 2	PIPE	15"	HDPE	N/A	N/A	2189.10	2188.90
PIPE 3	PIPE	15"	RCP	N/A	N/A	2188.50	2188.10

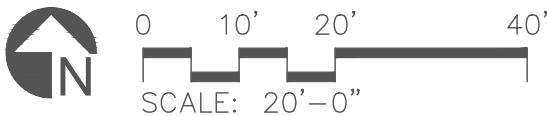
(FOR DI 3, REFER TO NOTE2 #3 & 4 THIS SHEET)

- NOTES:
- PAVING ELEVATION TO BE CLOSE TO EXISTING CONDITION; SUBSTANTIVE CHANGES SHALL BE ACHIEVED IN ASPHALT COURSE THICKNESS, AS NO MASS GRADING WILL OCCUR IN THE PARKING AREA. CHANGES INDICATED ARE PROPOSED TO ACHIEVE A BETTER SHEET FLOW TO THE PROPOSED PARKING ISLAND.
 - PIPE 2 TO TIE INTO EXISTING BOX. EXISTING BOX TO BE BROUGHT FLUSH WITH THE SIDEWALK AND TOP CONDITION TO BE A MANHOLE.
 - COMPACT THOROUGHLY AROUND PIPE 3 AND DI 3.
 - SAW CUT 1/4" DRAWDOWN OPENING IN DI3 FROM RIM TO GROUND SURFACE (APPROXIMATE OPENING SIZE TO BE 1' X 6")

LEGEND

EXISTING TOPO

PROPOSED TOPO



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SEAL

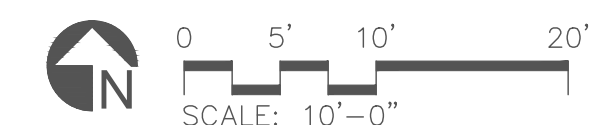
DESIGN BY:	DRAWN BY:	CHECKED BY:
DATE	9/18/25	
REVISIONS	1 IDENTIFIED OUTFALL PER COMMENTS	

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

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PHASE	BID SET
DATE	January 12, 2026
DRAWING SCALE	AS SHOWN
<small>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.</small>	
DRAWING NAME	GRADING & STORMWATER

L3.0



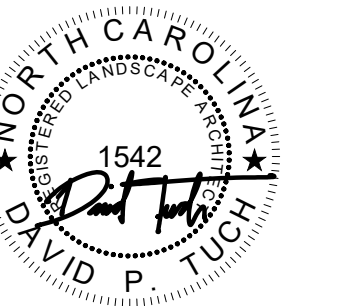
PLANT SCHEDULE

SYMBOL	CODE	COMMON NAME
TREES		
	LITU	Emerald City Tulip Poplar
	NYSY	Tupelo
	CHVI	White Fringetree
SHRUBS		
	CAAM	American Beautyberry
	ARME	Autumn Magic Black Chokeberry
	VIPR	Blackhaw Viburnum
	RHAR	Gro-Low Fragrant Sumac
	CAFL	Sweetshrub
GRASSES & SEDGES		
	JUNE	Common Rush
	SONI	Indian Steel Indian Grass
	PAVI	Switch Grass
	SCSC	The Blues Little Bluestem
PERENNIALS		
	PYMU	Blunt Mountainmint
	ECPU	Coneflower
	SORU	Fireworks Goldenrod
	MODI	Jacob Cline Bee Balm
	EUDU	Little Joe Pye Weed
	SYNO	New England Aster
	HIBM	Rose Mallow
	COVE	Zagreb Tickseed
SOD/SEED		
	TURF	Drought-resistant Fescue Blend



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SIGN BY:	DRAWN BY:	CHECKED BY:
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[illegible]

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BID SET

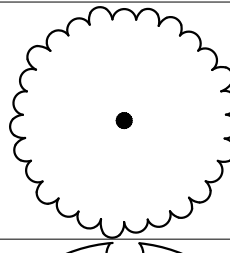
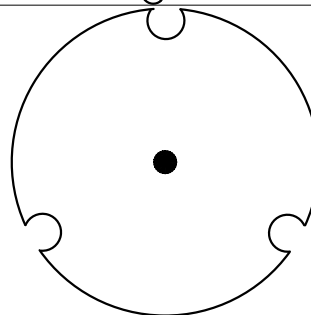
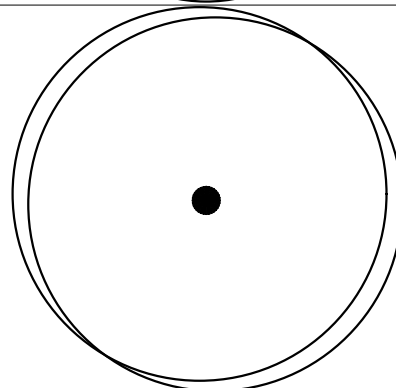
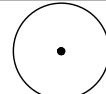

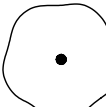
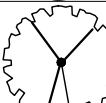
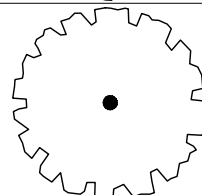












January 12, 2026

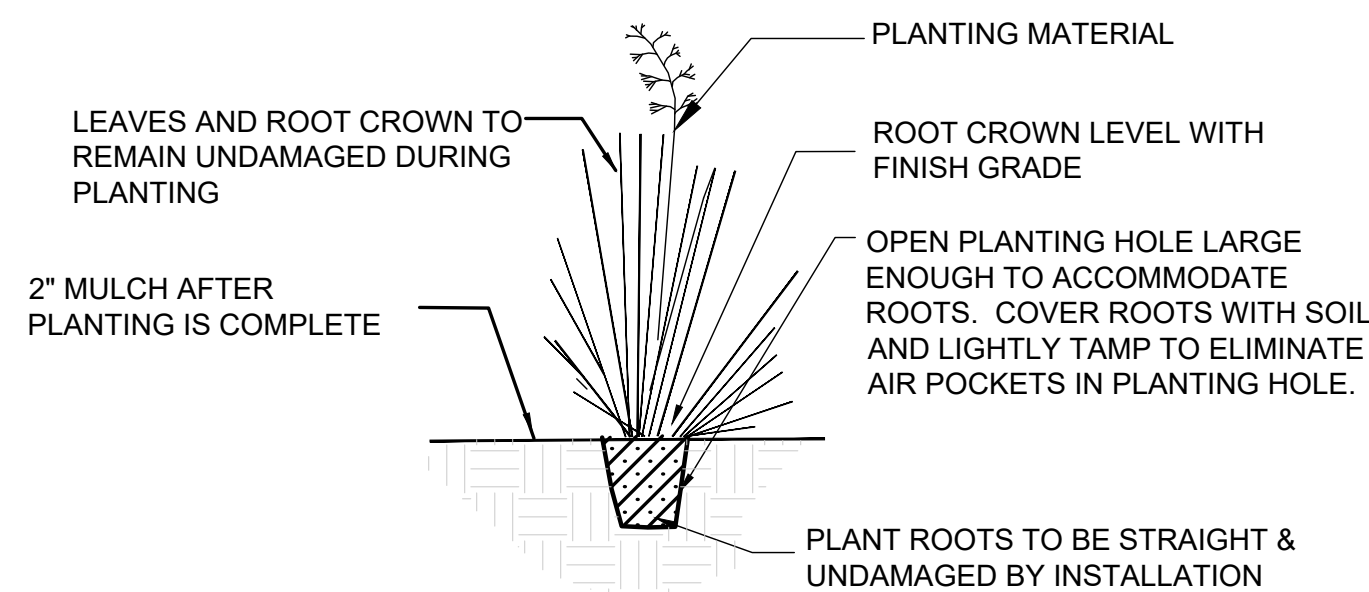
NOTE: If this drawing is not 24x36" it has been revised from its original size and the scales noted on drawings/details are no longer applicable.

DRAWING NAME

PLANTING PLAN

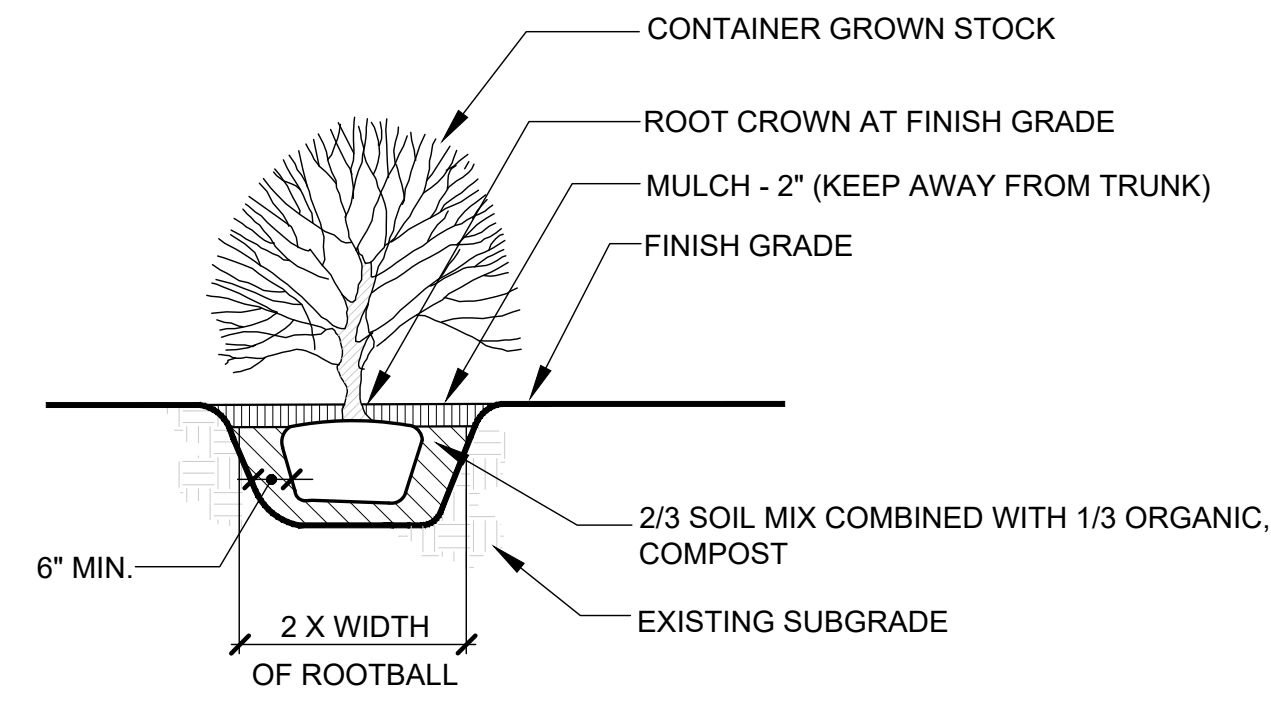
4.1

PLANT SCHEDULE						
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	CONTAINER	DETAIL
TREES						
	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	
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	DETAIL
SHRUBS						
	ARME	6	Aronia melanocarpa 'Autumn Magic' Autumn Magic Black Chokeberry	3 gal.	Pot	
	CAAM	20	Callicarpa americana American Beautyberry	5 gal.	Pot	
	CAFL	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	
GRASSES & SEDGES						
	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	
PERENNIALS						
	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	Symphyotrichum novae-angliae New England Aster	Quart	Pot	
SOD/SEED						
	TURF	13,696 sf	Turf Drought-resistant Fescue Blend	seed		



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

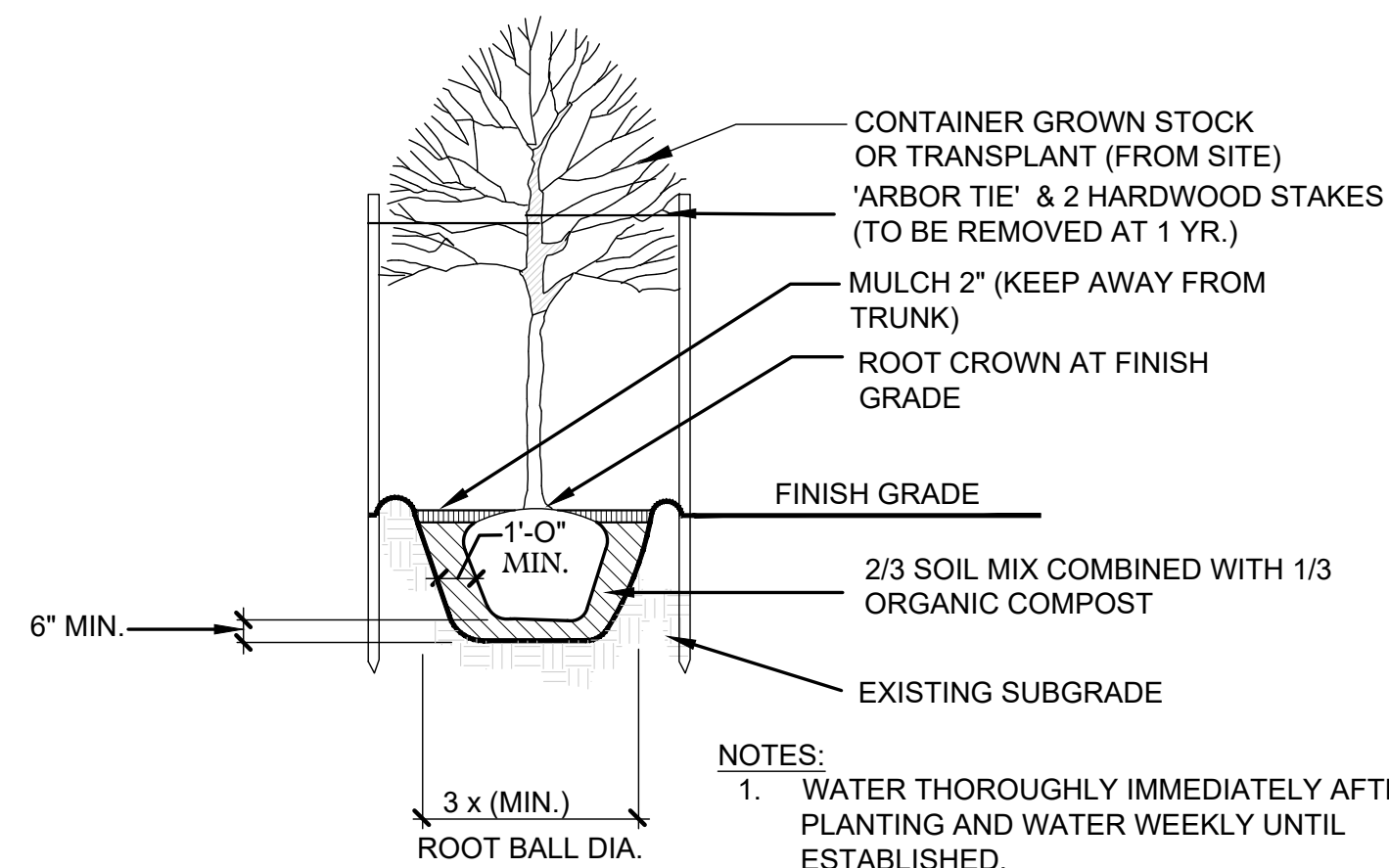
1 PERENNIAL PLANTING (TYPICAL SECTION)
SCALE: NOT TO SCALE



NOTES:

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

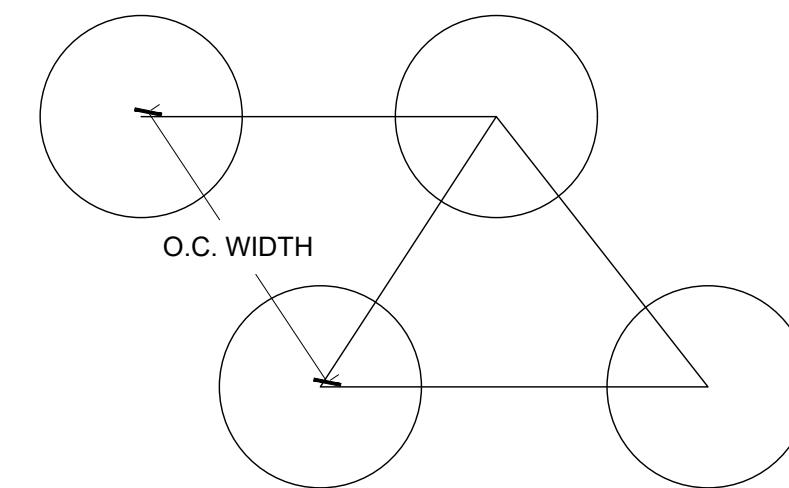
2 SHRUB PLANTING (TYPICAL SECTION)



NOTES:

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

3 TREE PLANTING (TYPICAL SECTION)

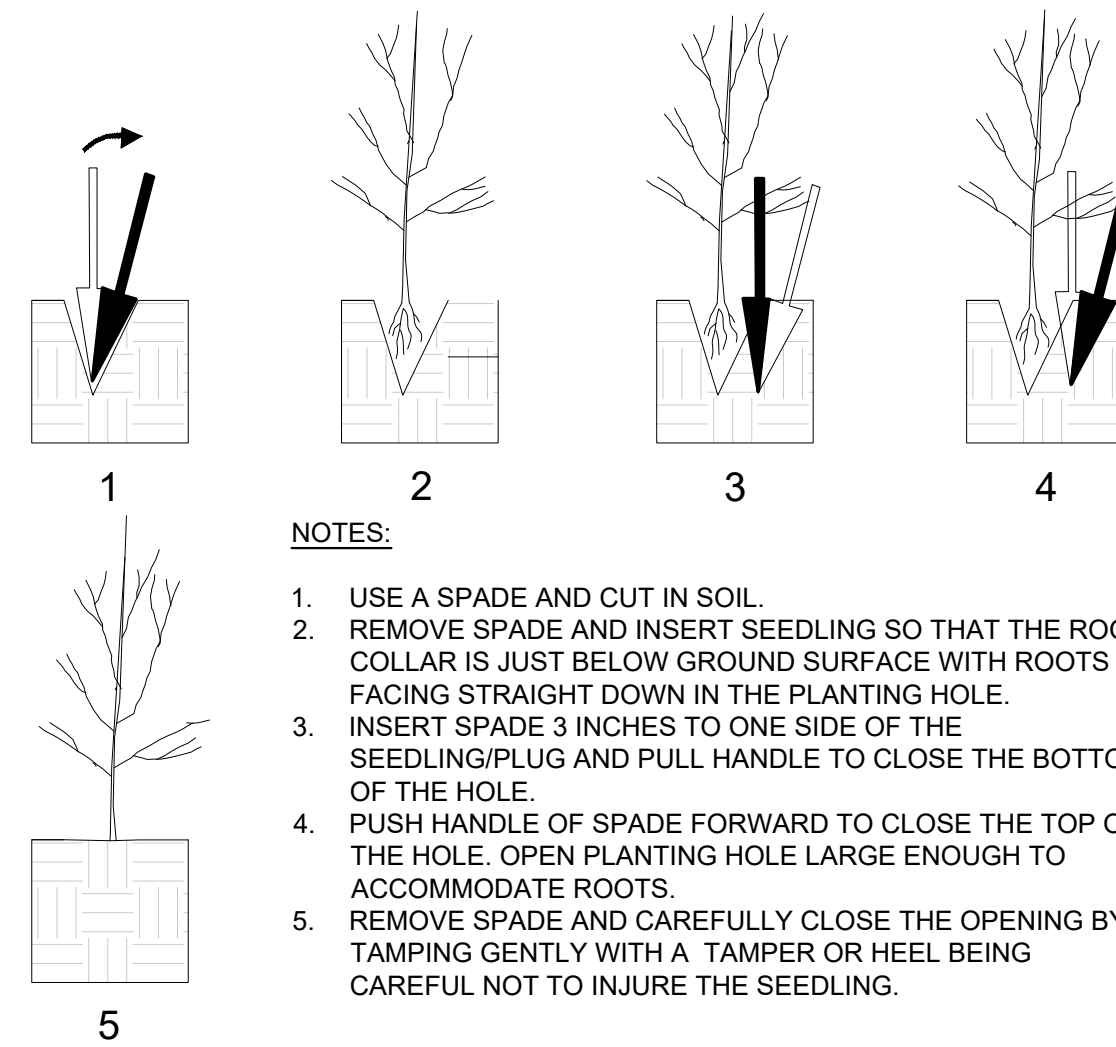


NOTES:

1. TREES AND SHRUBS TO BE PLANTED AS SHOWN ON PLAN
2. USE DIBBLE TO PLANT PLUGS.

4 PLUG SPACING

SCALE: NOT TO SCALE



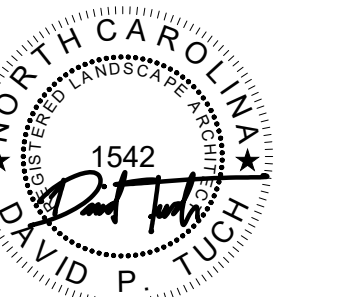
5 PLUG PLANTING

SCALE: NOT TO SCALE



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DESIGN BY:	DRAWN BY:	CHECKED BY:
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DATE _____

CONCLUSIONS

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

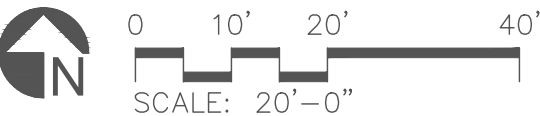
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DRAWING NAME

PLANT SCHEDULE & DETAILS

4.2



STRAW BAIL OR
WATTLE DOWN
GRADIENT OF
STOCKPILE

STOCKPILE LOCATION

CONCRETE WASHOUT (5/EC2.0)

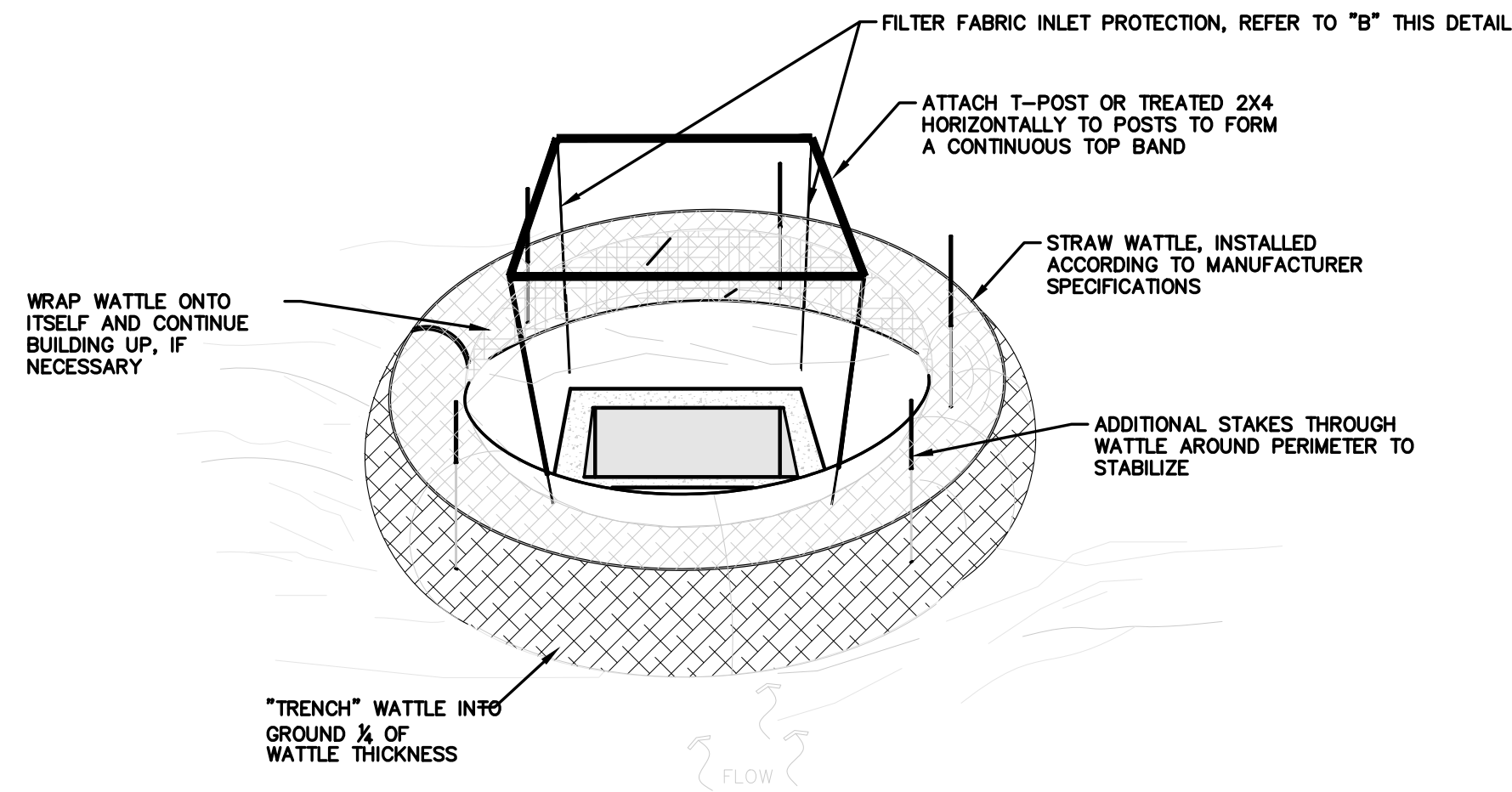
BOX TO BE
CAPPED

TREE SAVE AREA

3. OBTAIN NPDES NCG01 PERMIT; NOTIFY NDEQ 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 NDEQ 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 RIPARIAN 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 PLAY SURFACES AND FINAL SURFACES.
10. MAINTAIN EROSION CONTROL DEVICES AS NOTED IN EC DETAILS ON EC2.0 – EC2.0 SHEETS.

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 FIELD 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 CLEANED, 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 ROADWAY(S) 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 UNTIL FIFTEEN (15) CALENDAR DAYS AFTER THE BUSINESS HOUR 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.

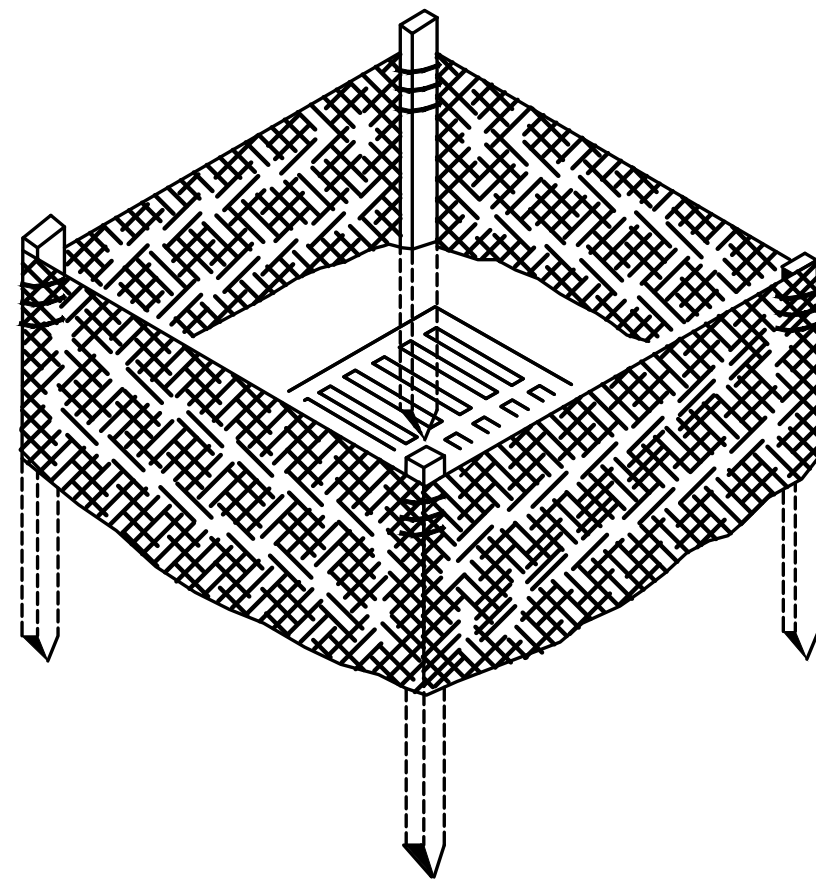
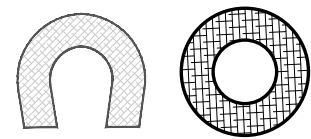




NOTE: ILLUSTRATION DEPICTS A LOW POINT CATCH BASIN. IF INLET PROTECTION IS APPLIED AT HEADWALL OR SINGLE-SIDED INLET STRUCTURE, METAL POSTS MAY NOT BE REQUIRED, HOWEVER, WATTLE IS TO BE KEYED INTO BANK ON BOTH SIDES OF INLET.

INSPECTION AND MAINTENANCE: REMOVE SEDIMENT ONCE IT HAS REACHED 3/4 THE HEIGHT OF THE STRAW WATTLE.

PLAN SYMBOLS



B- REDUNDANT INLET PROTECTION

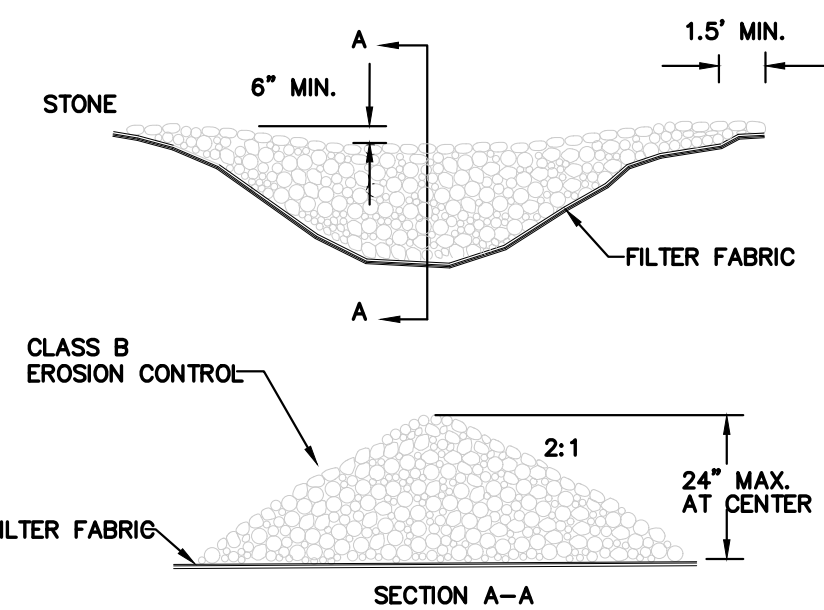
NOTES:

- SEE PLANTING & REVEGETATION SPECIFICATIONS FOR MORE INFORMATION ON SEED APPLICATION AND ESTABLISHMENT.
- CONTRACTOR TO KEEP RECORD OF SEED PURCHASE AND APPLICATION RATES FOR FINAL INSPECTION (BAGS & RECEIPTS).
- GROUND STABILIZATION REQUIRED IN (7) SEVEN DAYS ON PERIMETER AREAS AND SLOPES GREATER THAN 3:1, AND GROUND STABILIZATION IN (14) DAYS ON OTHER AREAS

TEMPORARY SEEDING SCHEDULE

TEMPORARY SEEDING MUST OCCUR WHEN DENUDEU AREAS WILL NOT BE BROUGHT TO FINAL GRADE WITHIN 7 CALENDAR DAYS (SEE NOTE 3 ABOVE).

SUMMER	SEEDING MIXTURE:	
	<u>SPECIES</u>	<u>RATE (LB/ACRE)</u>
	GERMAN MILLET	40
	PARTRIDGE PEA	10
A small-stemmed sudangrass may be substituted for Partridge Pea at a rate of 50 lb/acre.		
<u>SEEDING DATES:</u> May 15-Aug 15		
WINTER & EARLY SPRING	SEEDING MIXTURE:	
	<u>SPECIES</u>	<u>RATE (LB/ACRE)</u>
	ANNUAL (WINTER) RYE GRASS	60
	PARTRIDGE PEA	10
A small-stemmed sudangrass may be substituted for Partridge Pea at a rate of 50 lb/acre.		
<u>SEEDING DATES:</u> Feb 1-May 15		
FALL	SEEDING MIXTURE:	
	<u>SPECIES</u>	<u>RATE (LB/ACRE)</u>
	ANNUAL (WINTER) RYE GRASS	60
	PARTRIDGE PEA	10
A small-stemmed sudangrass may be substituted for Partridge Pea at a rate of 50 lb/acre.		
<u>SEEDING DATES:</u> Aug 15-Dec 30		
GENERAL	<u>SOIL AMENDMENTS:</u>	
	Follow recommendation of soil tests. Use only amendments safe for riparian areas.	
	<u>MULCH:</u>	
	Apply 4,000 lb/acre straw. Anchor straw by tacking.	
	<u>MAINTENANCE:</u>	
Referitize if growth is not fully adequate. Topdress with 50 lb/acre of nitrogen in March (if applicable). If it is necessary to extend temporary cover beyond June 15th overseed with mixes provided. Reseed, re-fertilize and mulch immediately following erosion or other damage.		



STONE SHOULD BE PLACED OVER THE CHANNEL BANKS TO KEEP WATER FROM CUTTING AROUND THE DAM. STONE TO BE CLEAN STONE

INSPECTION AND MAINTENANCE: REMOVE SEDIMENT ONCE IT HAS REACHED 1/3 THE HEIGHT OF THE CHECK DAM.

PLAN SYMBOL



1 INLET PROTECTION

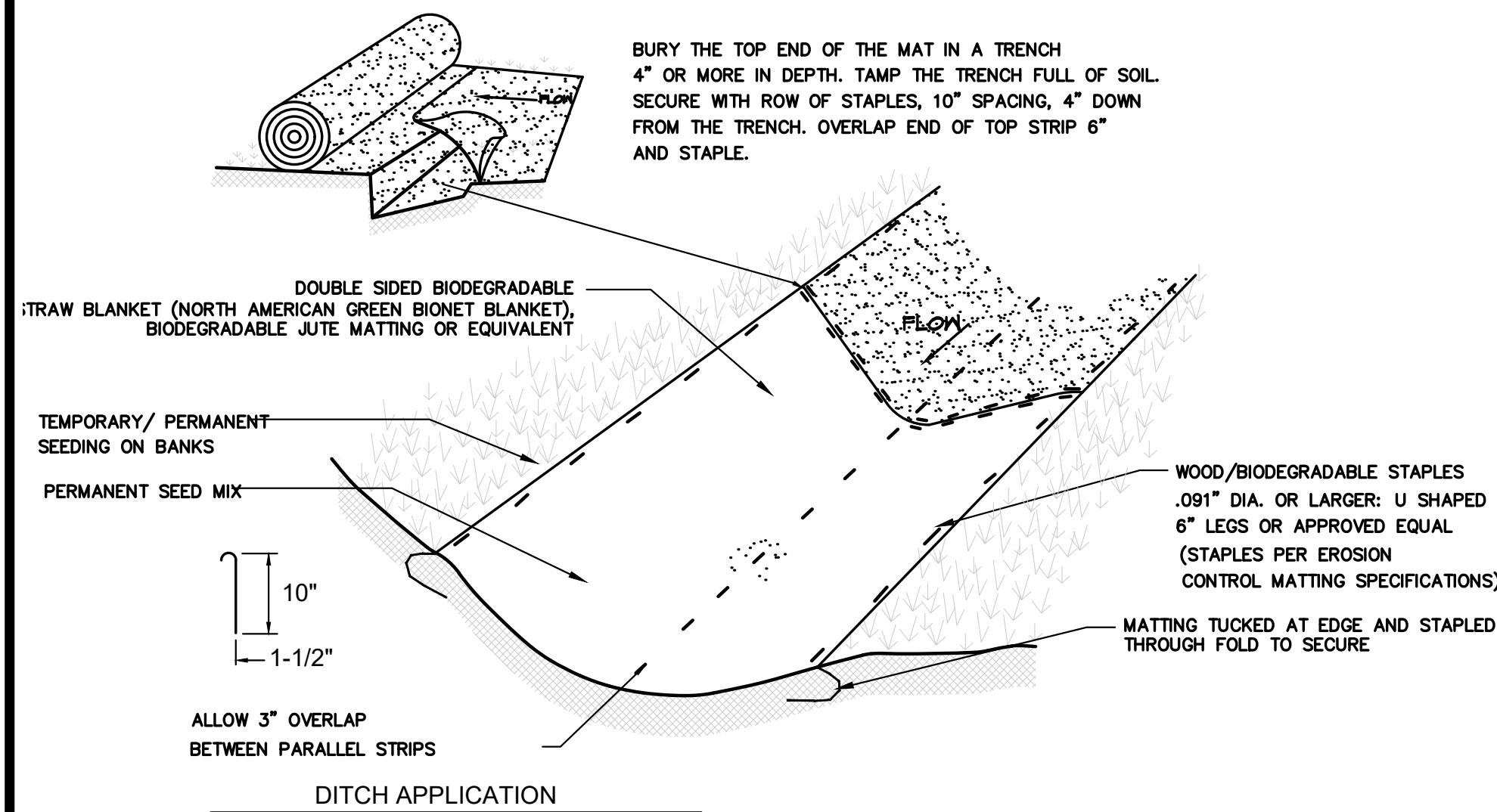
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2 SEEDING SCHEDULE

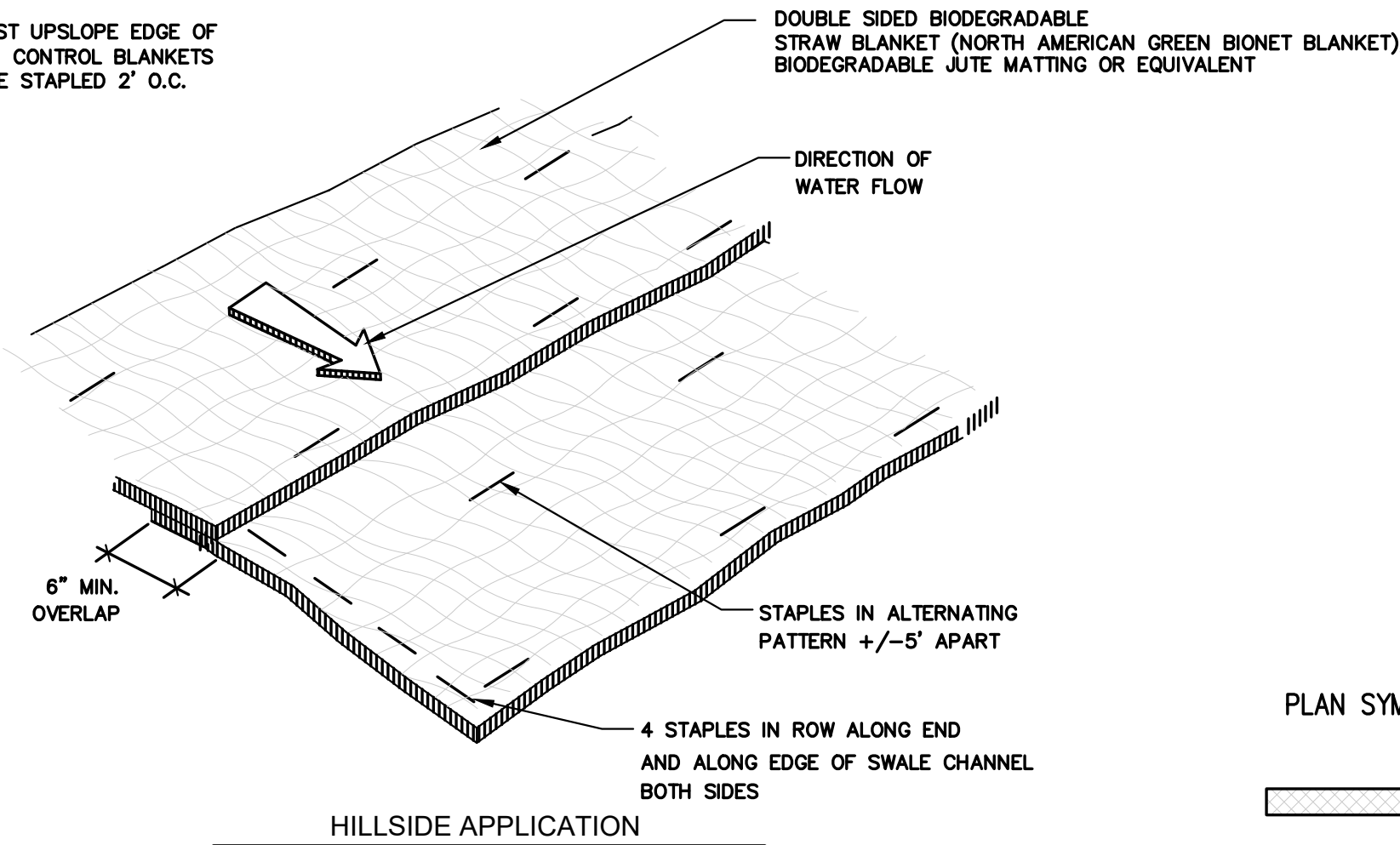
EC2.0 NTS

3 ROCK CHECK DAM

EC2.0 NTS



NOTE: THE MOST UPSLOPE EDGE OF EROSION CONTROL BLANKETS IS TO BE STAPLED 2' O.C.

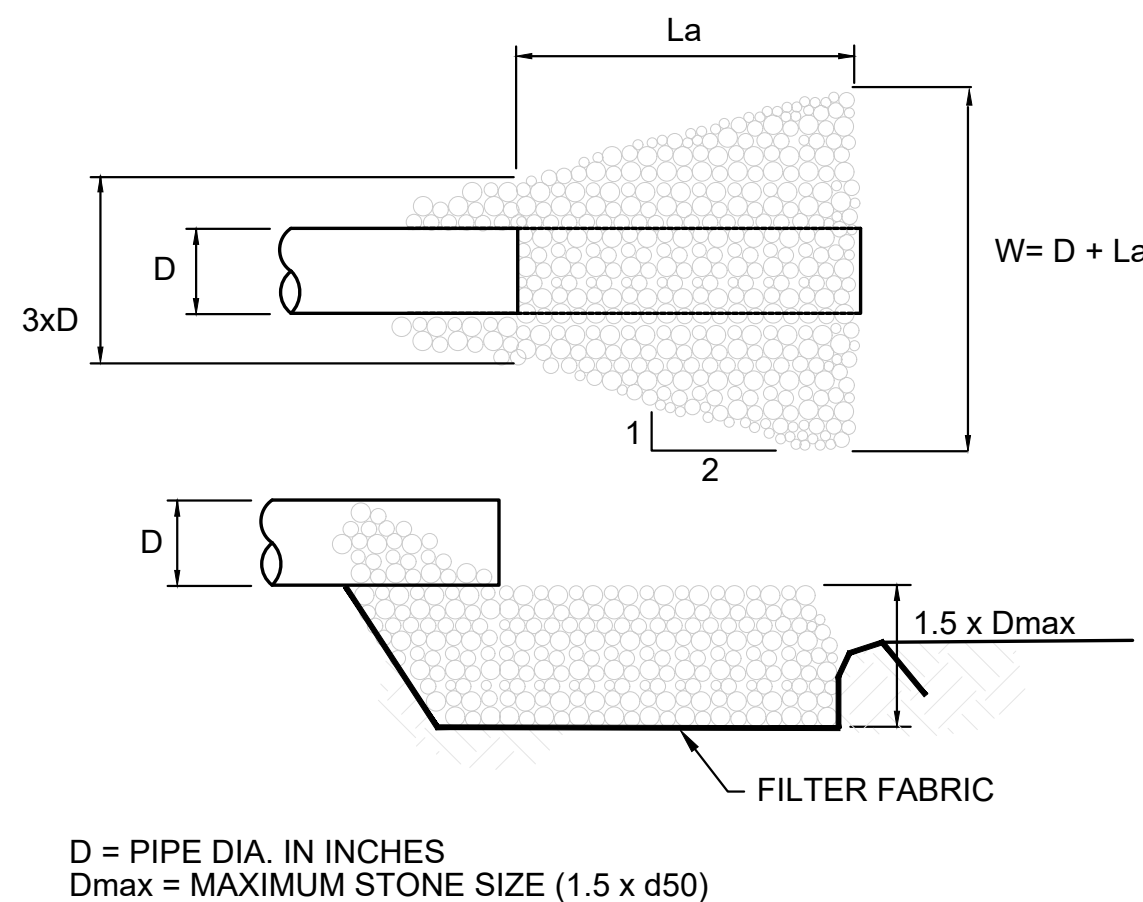


4 EROSION CONTROL MATTING

EC2.0 NTS

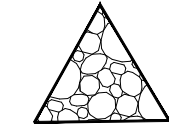
5 CONCRETE WASHOUT

EC2.0 NTS



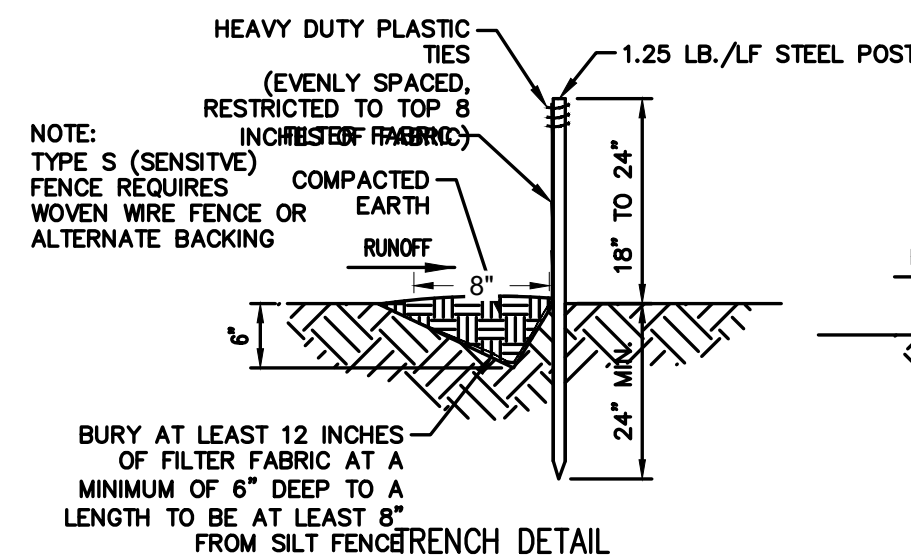
PIPE OUTFALL	RIP RAP CLASS	La
1	B	8'
3	1	8'
4	B	6'
6	B	8'
7	B	6'
10	B	6'
11	B	6'
13	B	6'

PLAN SYMBOL



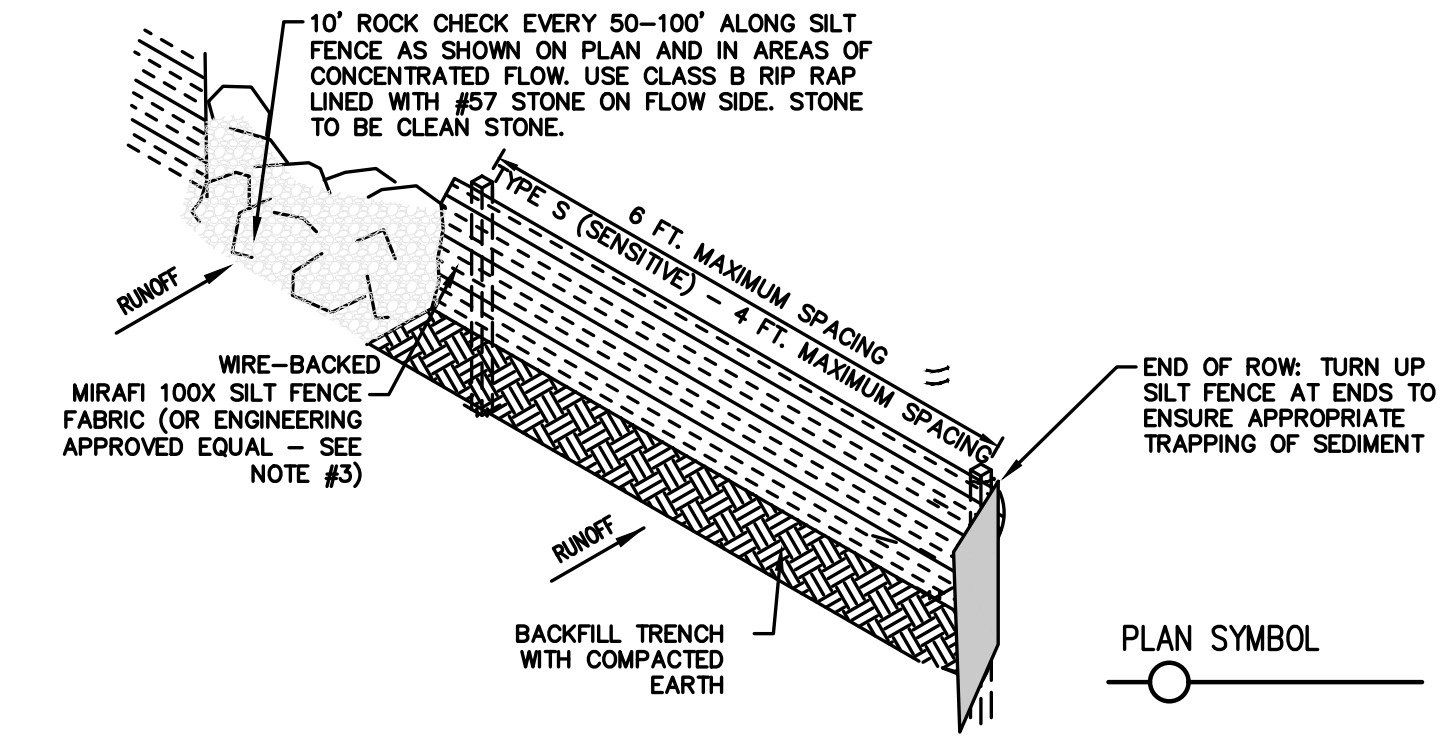
INSTALLATION:

- SILT FENCES SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
- INSTALL MINIMUM 10' (OR GREATER AS SPECIFIED ON PLANS) CHECKS (TIE-BACKS) AT END TO PREVENT FLOWS FROM BY-PASSING SILT FENCE, AND EVERY 50'-100' WHERE SILT FENCE IS INSTALLED WITH SLOPE AND CONCENTRATED FLOWS ARE EXPECTED ALONG FENCE.
- SILT FENCE SLURRY FLOW RATE TO BE 0.3 GPM/FT', LESS THAN THE CLEAR WATER FLOW RATE OF 10 GPM/FT'.



INSPECTION AND MAINTENANCE:

- INSPECT AND REPAIR SILT FENCE AT LEAST ONCE EVERY CALENDAR WEEK.
- SEDIMENT SHALL BE REMOVED WHEN IT IS 1/3 THE HEIGHT OF THE SILT FENCE.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
- UPON PROJECT COMPLETION, THE SILT FENCE SHALL BE REMOVED AND HAULED OFF-SITE. ANY DEPOSITED SEDIMENT SHALL BE PROPERLY GRADED AND SEED.



6 OUTLET PROTECTION

EC2.0 NTS

7 REINFORCED SILT FENCE (WIRE BACKED)

EC2.0 NTS



EQUINOX

14 O' 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

BID SET

DATE

January 12, 2026

DRAWING SCALE

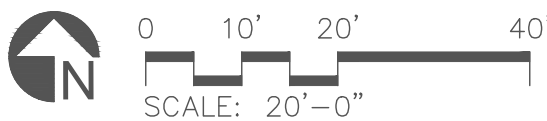
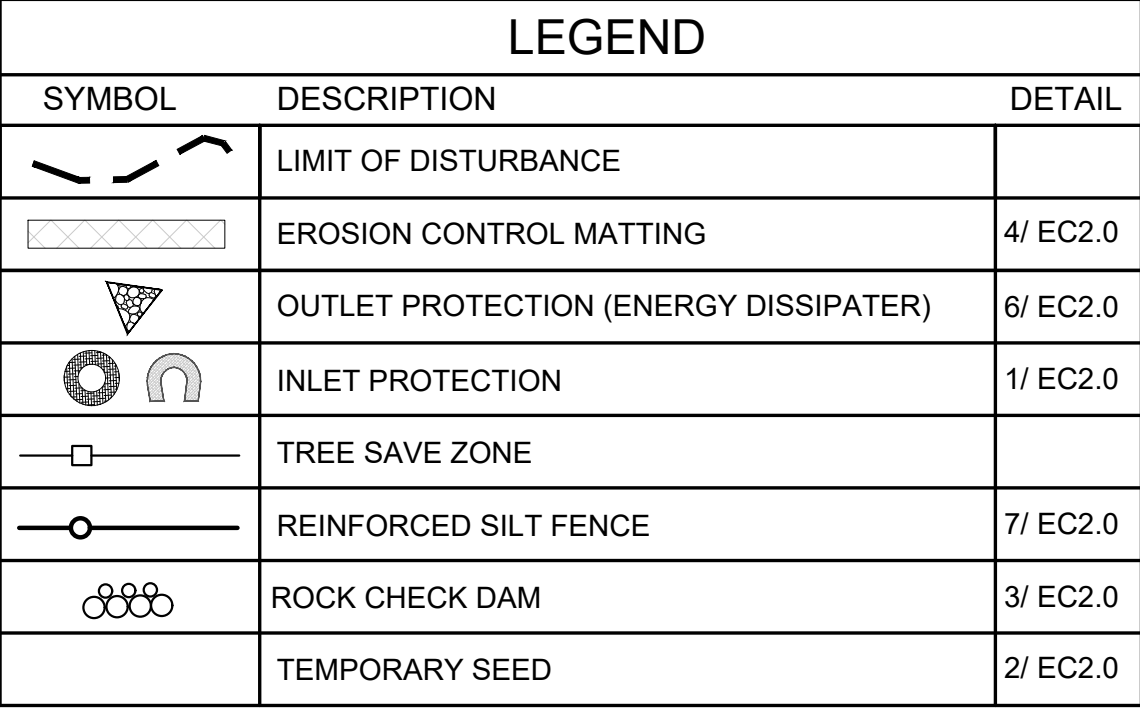
AS SHOWN

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.

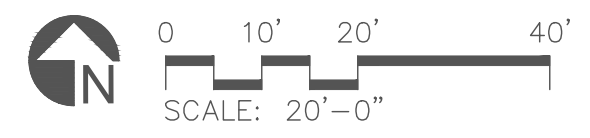
DRAWING NAME

EC2.0
EROSION CONTROL
DETAILS

EC2.0



EC1.1



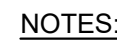
TROUT BUFFER IMPACTS:

IMPACTS ARE TEMPORARY
INCLUDES 40LF OF TEMPORARY IMPACT
FROM INSTALATION OF SILT FENCE
TROUT BUFFER ALONG PROJECT AREA IS
406LF.

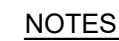
NOTE:

1. SEE TROUT BUFFER IMPACTS AFTER
INSTALLATION OF THE SILT FENCE AND UPON
REMOVAL WITH ERNST SEED MIX ERNMX-304.
ERNSTSEED.COM

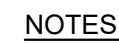
EC1.2



- 1 MILLED AND RESURFACED ASPHALT PAVING



- 2 ASPHALT PAVING - VEHICULAR



- | | |
|------|------------------------------|
| 5 | PLAY SURFACE - POUR IN PLACE |
| L5.0 | 1"=1' |



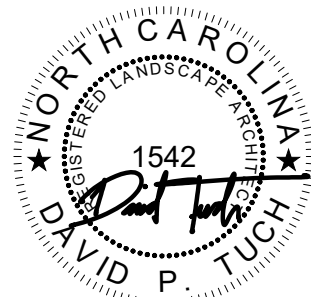
- 3 CONCRETE PAVING - PEDESTRIAN



- 6
L5.0
- PLAYGROUND MULCH
- 1"=1'



- 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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January 12, 2026

DRAWING SCALE


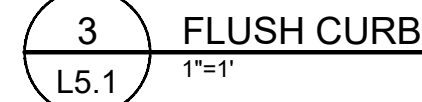

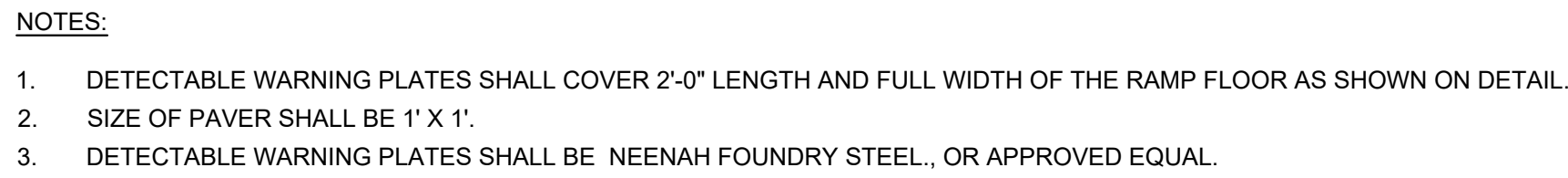
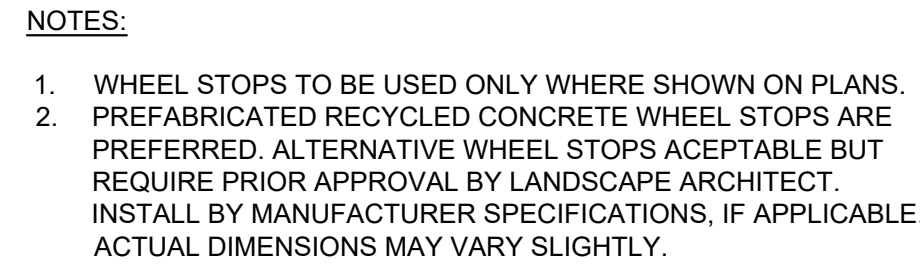
AS SHOWN

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

DETAILS

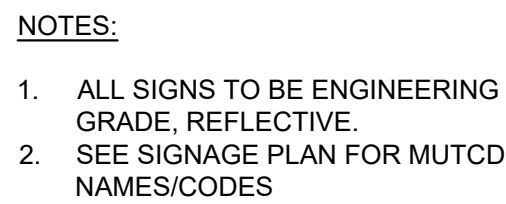
L5.0



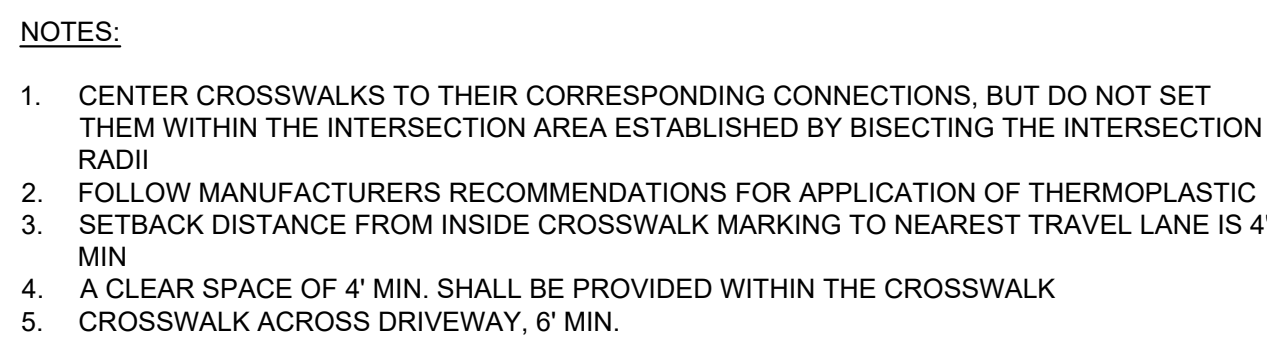
4
L5.1



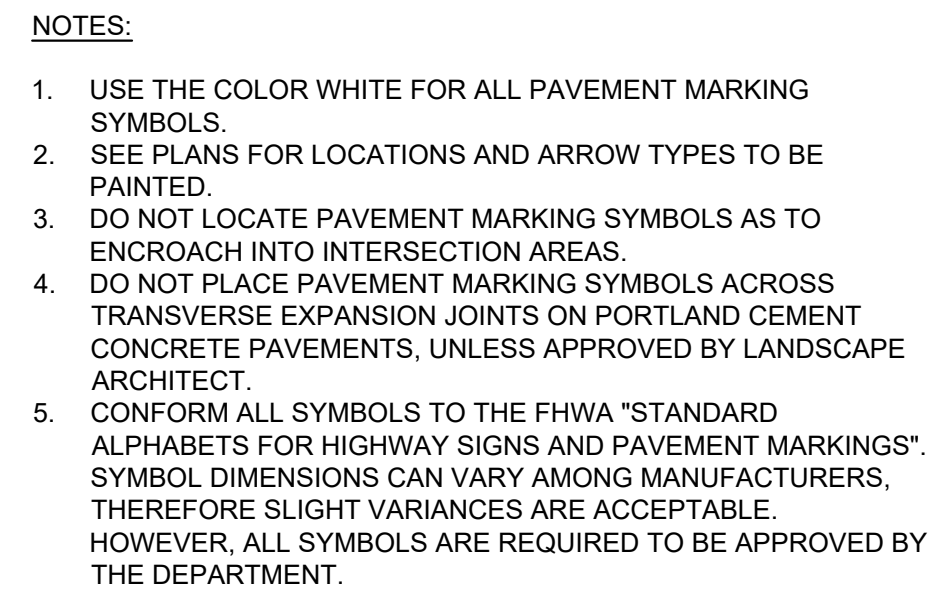
5 AD,
L5.1 NTS



6
L5.1



$$\frac{7}{L5.1} \quad CR \quad 1'' = 4'$$



8 HA
L5.1 1" =

[illegible]

TOWN OF ROSMAN
CHAMPION PARK
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ROSMAN, NC 28772

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DRAWING SCALE

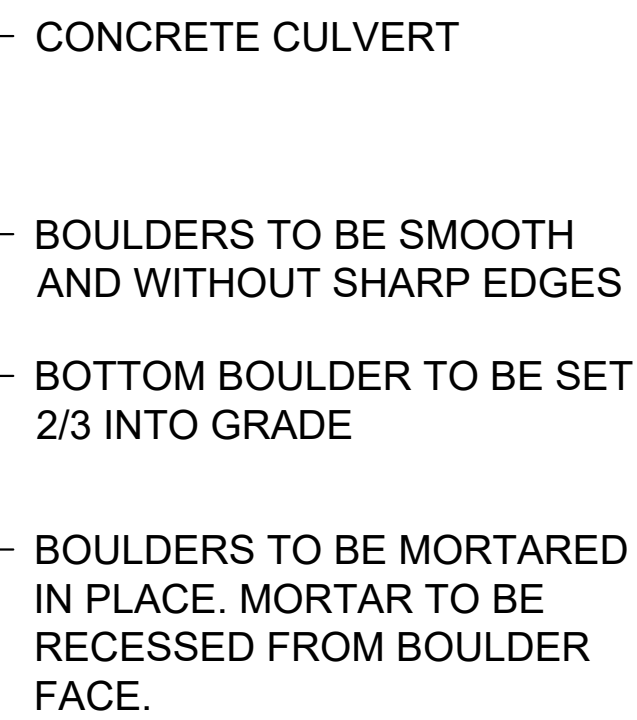
AS SHOWN

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.

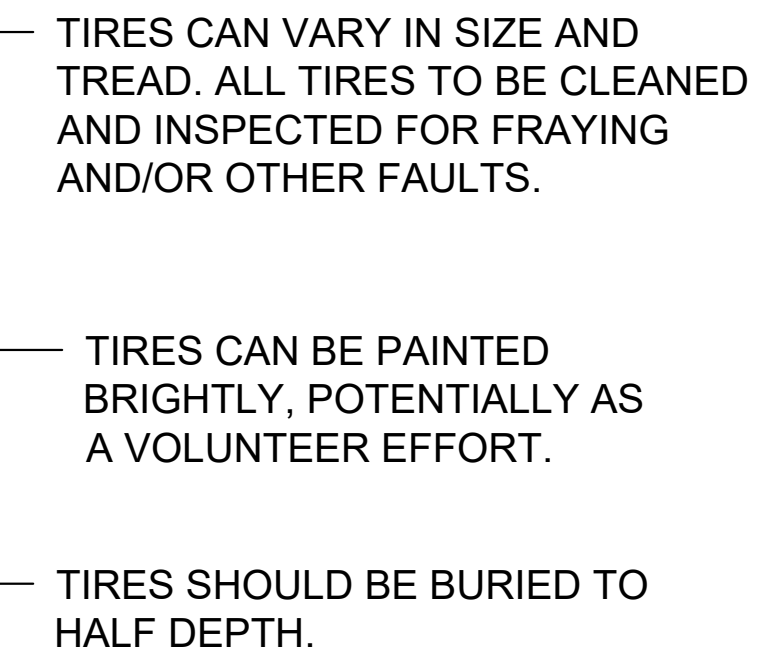
DRAWING NAME

ADA DETAILS

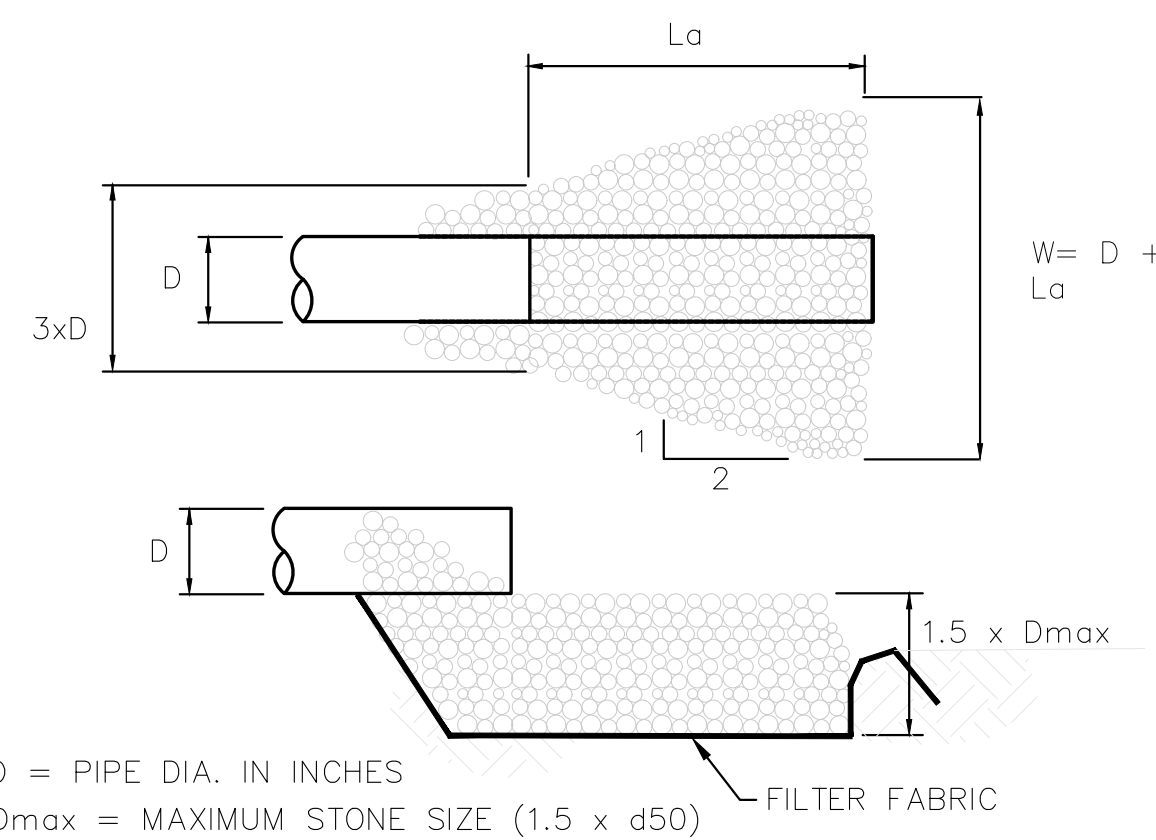
L5.1



1 CULVERT TUNNEL
L5.2 NTS

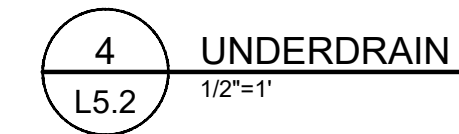


2 TIRE CATERPILLAR
L5.2 NTS



3 ENERGY DISSIPATION PAD
L5.2 NTS

PIPE OUTFALL	RIP RAP CLASS	La
3	B	8
<p>FOR METHOD SEE 8.06 OF NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.</p>		



5 ROCK CHECK
L5.2 NTS