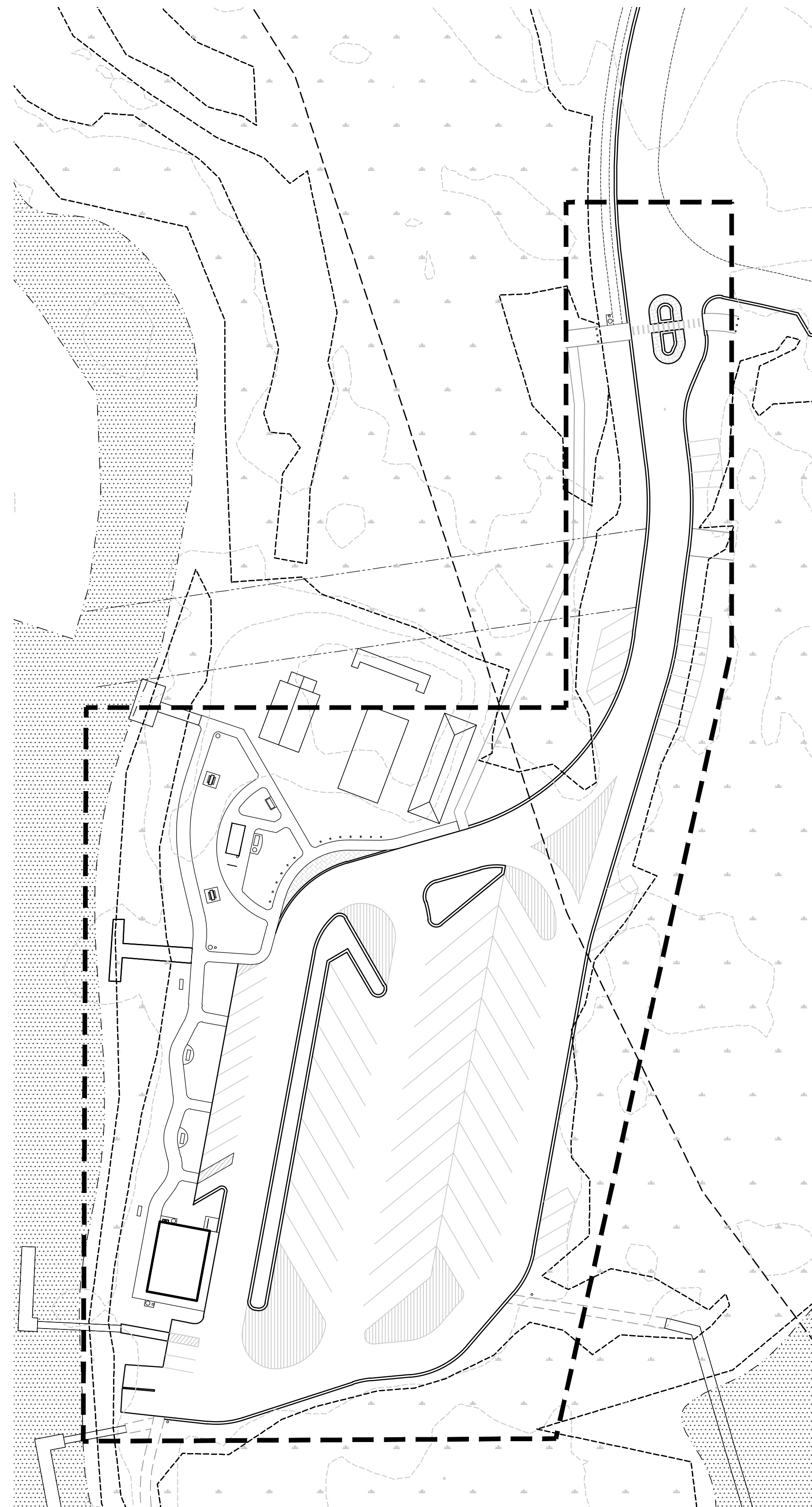


VICINITY MAP NOT TO SCALE

OAKBROOK PRESERVE ENHANCEMENT PLAN

LOCATED IN TOWN OF SUMMERVILLE, SOUTH CAROLINA



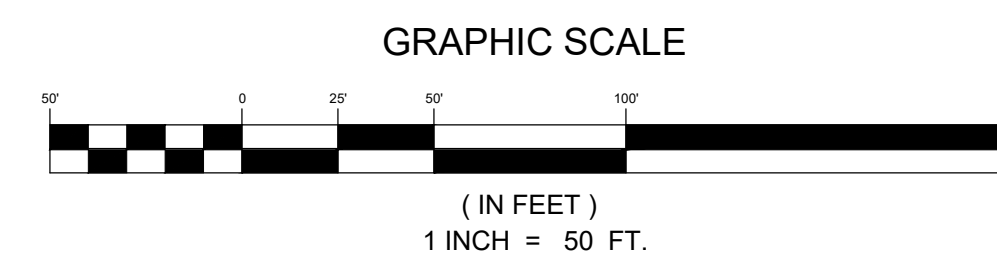
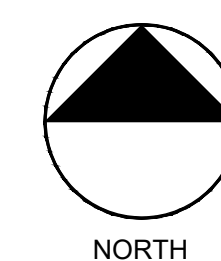
INDEX OF SHEETS

SHEET NO.	SHEET NAME	ORIGINAL DATE	REVISED DATE
C0.0	COVER SHEET	03/30/2021	
C1.0	EXISTING CONDITIONS	03/30/2021	
C2.0	SITE PLAN - PARKING & RIVERWALK	03/30/2021	
C2.1	SITE PLAN - ENTRY FEATURE	03/30/2021	
C3.0	SITE FURNISHINGS - PARKING & RIVERWALK	03/30/2021	
C3.1	SITE FURNISHINGS - ENTRY FEATURE	03/30/2021	
C4.0	LIGHTING & SECURITY	03/30/2021	
L1.0	LANDSCAPE PLAN	03/30/2021	
L2.0	PLANT SCHEDULE & NOTES	03/30/2021	
D1.0	DETAILS	03/30/2021	

LANDSCAPE ARCHITECTURE FIRM: ESP ASSOCIATES, INC.
ADDRESS: 2154 NORTH CENTER STREET SUITE E-503
 NORTH CHARLESTON, SC 29406
PHONE: (843)714-2040
CONTACT: KEANE MCLAUGHLIN

PREPARED FOR: TOWN OF SUMMERVILLE PARKS & RECREATION
ADDRESS: 301 N. HICKORY STREET
 SUMMERVILLE, SC 29483
PHONE: (843)510-0005
FAX: (843)851-5214
CONTACT: AMY EVANS

THIS SET IS CURRENT THROUGH SHEET DATE 03/30/2021



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NOT FOR
CONSTRUCTION

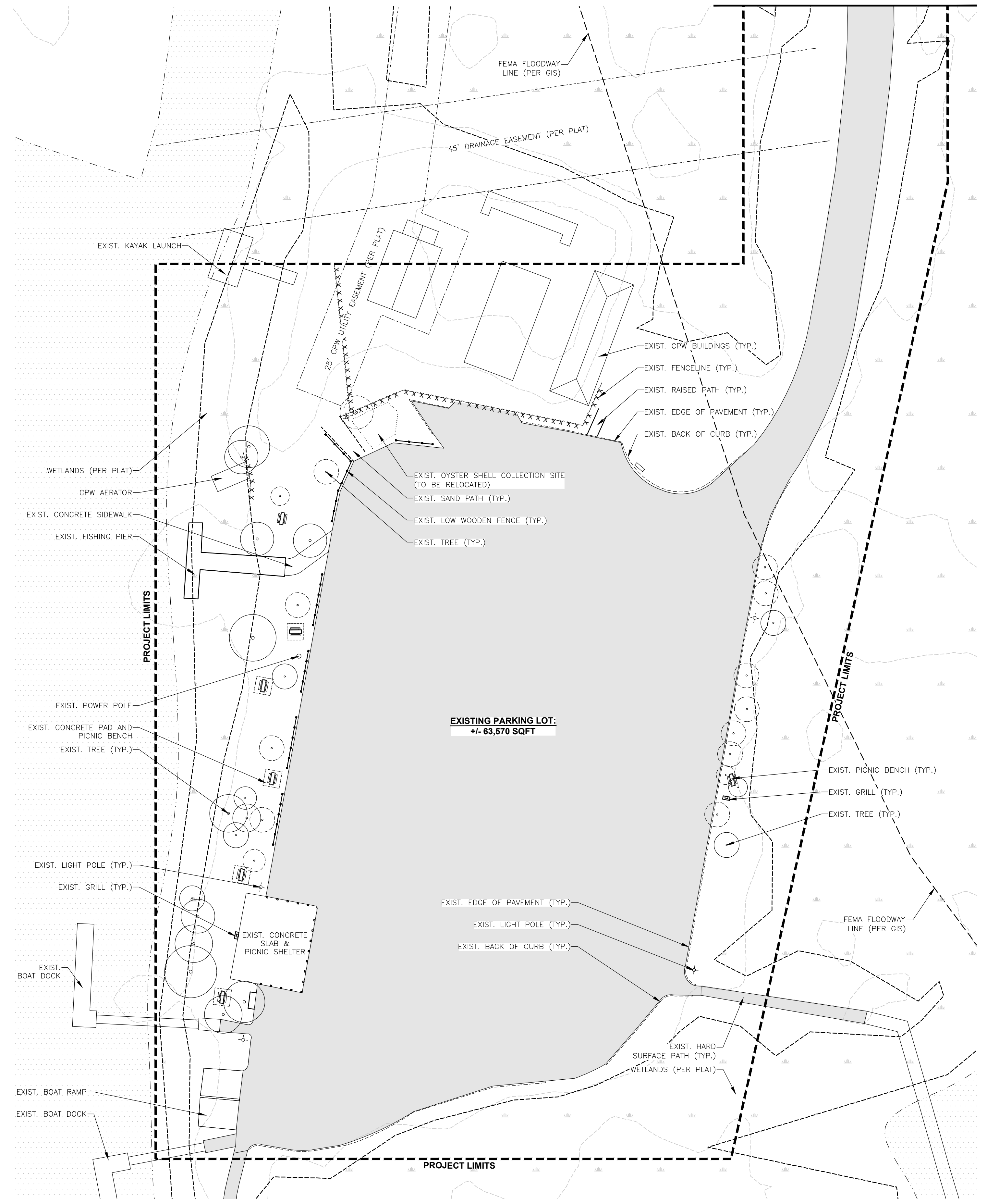
NO.	DATE	REVISION	BY

COVER SHEET
OAKBROOK PRESERVE
 TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION	
PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021
SHEET:	C0.0

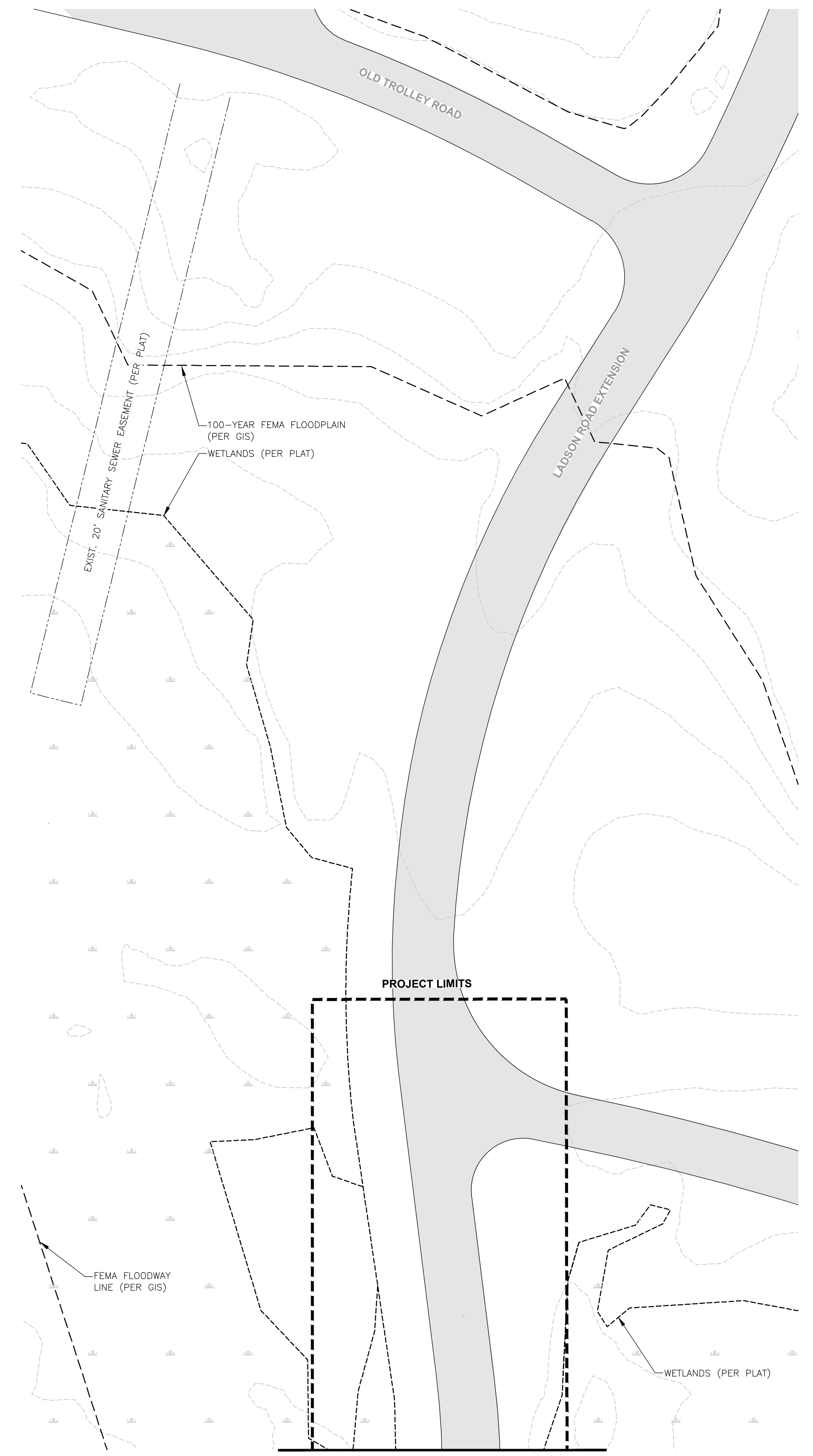
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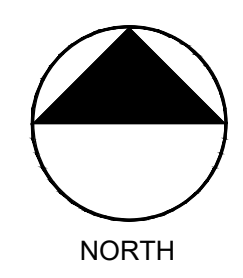
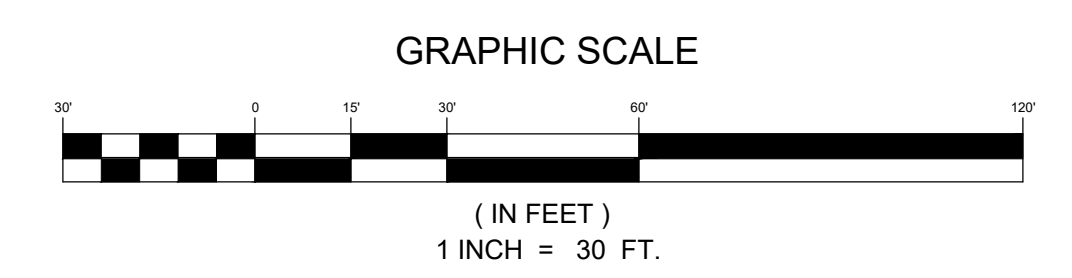
1 EXISTING PARKING LOT
 C1.0 Scale: 1" = 30'

MATCHLINE DET. 2/C1.0



2 ENTRY ROAD
 C1.0 Scale: 1" = 30'

MATCHLINE DET. 1/C1.0



ESP Associates, Inc.
 2154 N. Center Street
 Suite 100
 N. Charleston, SC 29405
 843-714-2040
 www.espsociates.com

ESP

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NO.	DATE	REVISION

BY

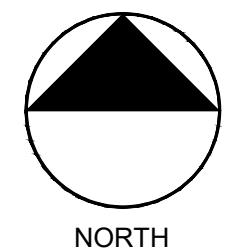
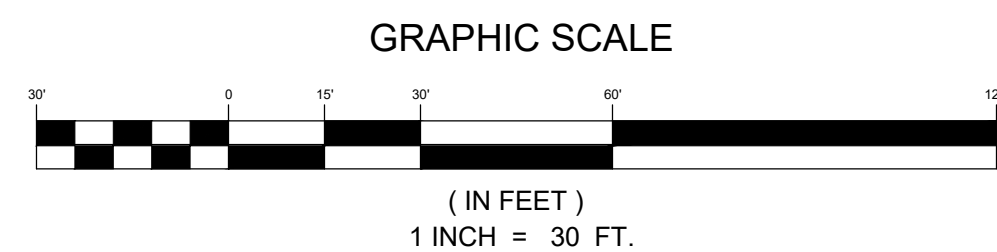
EXISTING CONDITIONS
 OAKBROOK PRESERVE
 TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION

PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	11454.100
ORIGINAL DATE:	03/30/2021
SHEET:	C1.0



1 PARKING & RIVERWALK
C2.0
Scale: 1" = 30'



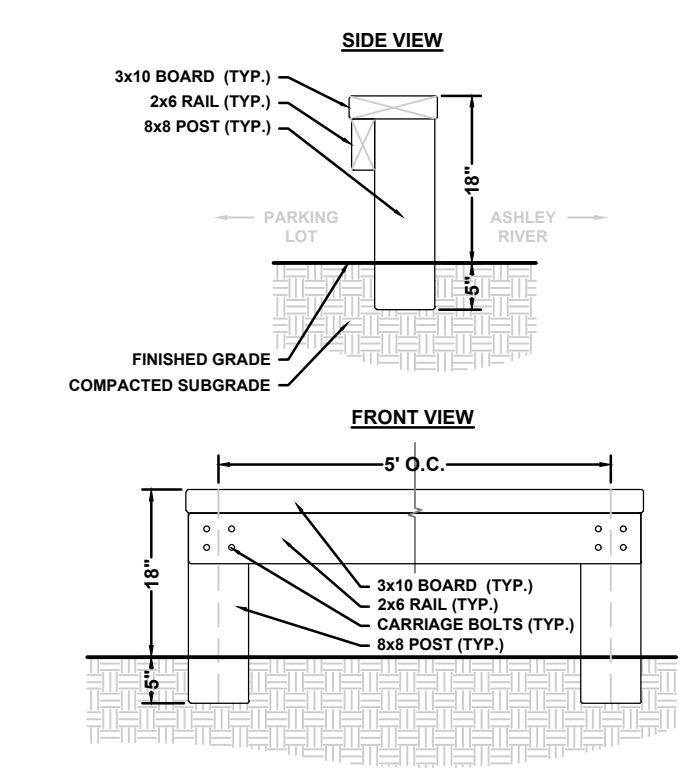
KEY NOTES:

1. ASPHALT PAVEMENT - MILL AND REMOVE EXISTING ASPHALT PAVEMENT. REPLACE WITH 2" SURFACE COURSE. SAWCUT ALL JOINTS - REFER TO "ASPHALT PAVEMENT" DETAIL ON SHEET D1.0.
2. STAMPED ASPHALT - ASPHALT SURFACE STAMPED WITH HERRINGBONE PAVING PATTERN. REFER TO "STAMPED ASPHALT" PICTURE INCLUDED BELOW.
3. CONCRETE WALK - INSTALL CONCRETE WALKS. WIDTHS VARY - VERIFY WITH PLAN. REFER TO "CONCRETE PAVEMENT" DETAIL ON SHEET D1.0 FOR MORE INFORMATION.
4. EXPANSION JOINT - ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT VARYING INTERVALS (60' FOR 6' SIDEWALKS AND 80' FOR 8' SIDEWALKS).
5. CONTROL JOINT - CONTROL JOINTS REQUIRED EVERY 6' (6' SIDEWALKS) OR (8' SIDEWALKS). VERIFY WIDTH OF SIDEWALK WITH PLAN.
6. GRAVEL - INSTALL 8" OF GRAVEL ON COMPACTED SUBGRADE. REFER TO "GRAVEL PAVEMENT" DETAIL ON SHEET D1.0.
7. ACCESSIBLE RAMP - INSTALL ADA ACCESSIBLE RAMP FLUSH WITH ASPHALT DROP-OFF AREA. REFER TO "ACCESSIBLE RAMP" DETAIL ON SHEET D1.0.
8. ROLLED CURB - USE STANDARD 18" ROLLED CURB THROUGHOUT SITE AS IDENTIFIED ON PLAN.
9. PARKING LOT STRIPING - 4" WHITE THERMOPLASTIC PAINT (OR TOWN STANDARD) TO BE USED FOR ROAD MARKINGS AND STRIPING.
10. WOODEN GUARDRAILS - CONSTRUCT WOODEN GUARDRAIL APPROXIMATELY 18" IN HEIGHT USING 8x8 POSTS SPACED 5' ON CENTER WITH 2x6 RAILS. POSTS TO BE CAPPED WITH 3x10 BOARDS. REFER TO "GUARDRAIL" DETAIL INCLUDED BELOW.
11. KAYAK RACK - CONSTRUCT 4 WOODEN KAYAK RACKS APPROXIMATELY 36" IN HEIGHT USING 8x8 POSTS WITH SINGLE GROOVE PYRAMID TOPS. USE 3x10 RAILS FOR KAYAK SUPPORT.
12. FENCE RELOCATION - EXISTING SUMMERVILLE CPW FENCE TO BE RELOCATED AS SHOWN ON PLAN. RELOCATION TO BE VERIFIED WITH CPW PRIOR TO CONSTRUCTION. NEW FENCE TO MATCH EXISTING 10' CHAINLINK FENCE WITH PRIVACY SLATS. MATERIAL/SELECTION SHOWN BELOW.
13. RESTROOM FACILITY - BUILDING PAD/DIMENSION BASED ON GREEN FLUSH TECHNOLOGIES' DURANGO II MODEL. FINAL FACILITY DESIGN/LAYOUT TO BE DETERMINED BY CLIENT. REFER TO "RESTROOM FACILITY" IMAGE INCLUDED BELOW.
14. WOODEN BENCHES - CUT DOWN EXISTING WOODEN POSTS TO 18" TALL. MOUNT 3x10 BOARDS ON POSTS TO CREATE BENCHES. REFER TO "WOODEN BENCH" PICTURE INCLUDED BELOW.
15. PLANTING ISLAND - INSTALL ISLAND AS TRAFFIC CALMING MEASURE PER PLAN. USE 18" ROLLED CURB. PLANT INTERNAL AREA PER LANDSCAPE PLAN ON SHEET L1.0. PROPOSED VEGETATION TO COMPLY WITH SIGHT TRIANGLE REQUIREMENTS PER TOWN STANDARDS.
16. EXISTING TREES - REMOVE EXISTING TREES IN POOR CONDITION OR THAT INTERFERE WITH PROPOSED LAYOUT/SITE DESIGN.
17. CROSSWALK - PAINT/DEFINE PEDESTRIAN CROSSWALK USING WHITE THERMOPLASTIC PAINT (OR TOWN STANDARD). FOLLOW GUIDELINES INCLUDED IN "SAWMILL BRANCH TRAIL DESIGN GUIDELINES MASTER PLAN".
18. WETLAND MITIGATION AREA - PROCESS/PERMITS TO BE COORDINATED BY CONTRACTOR/AE TEAM.
19. FLAT CURB - USE STANDARD 12" FLAT CURB AS IDENTIFIED ON PLAN.
20. PAINT CURB - PAINT EXISTING CURB BETWEEN THE TWO EXISTING HARD SURFACE TRAILS IN THE SOUTHERN END OF THE PARKING LOT WHITE. SEE KEYNOTE CALL OUT ON PLAN.

REFERENCE IMAGES:



2 STAMPED ASPHALT



10 WOODEN GUARDRAILS



12 PROPOSED FENCE



13 RESTROOM FACILITY



14 WOODEN BENCHES



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CONSTRUCTION

NO.	DATE	REVISION	BY

SITE PLAN - PARKING & RIVERWALK
OAKBROOK PRESERVE
TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION	
PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021

SHEET: **C2.0**

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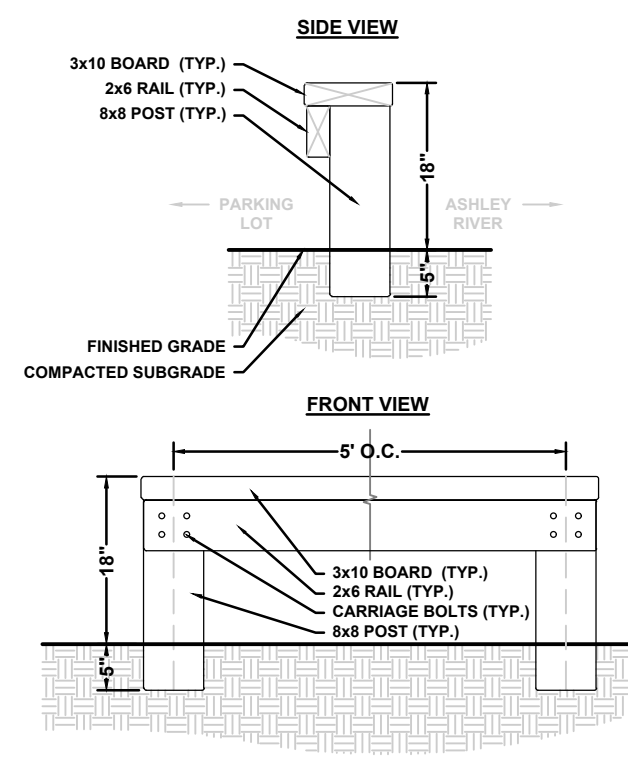
KEY NOTES:

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REFERENCE IMAGES:



2 STAMPED ASPHALT



10 WOODEN GUARDRAILS



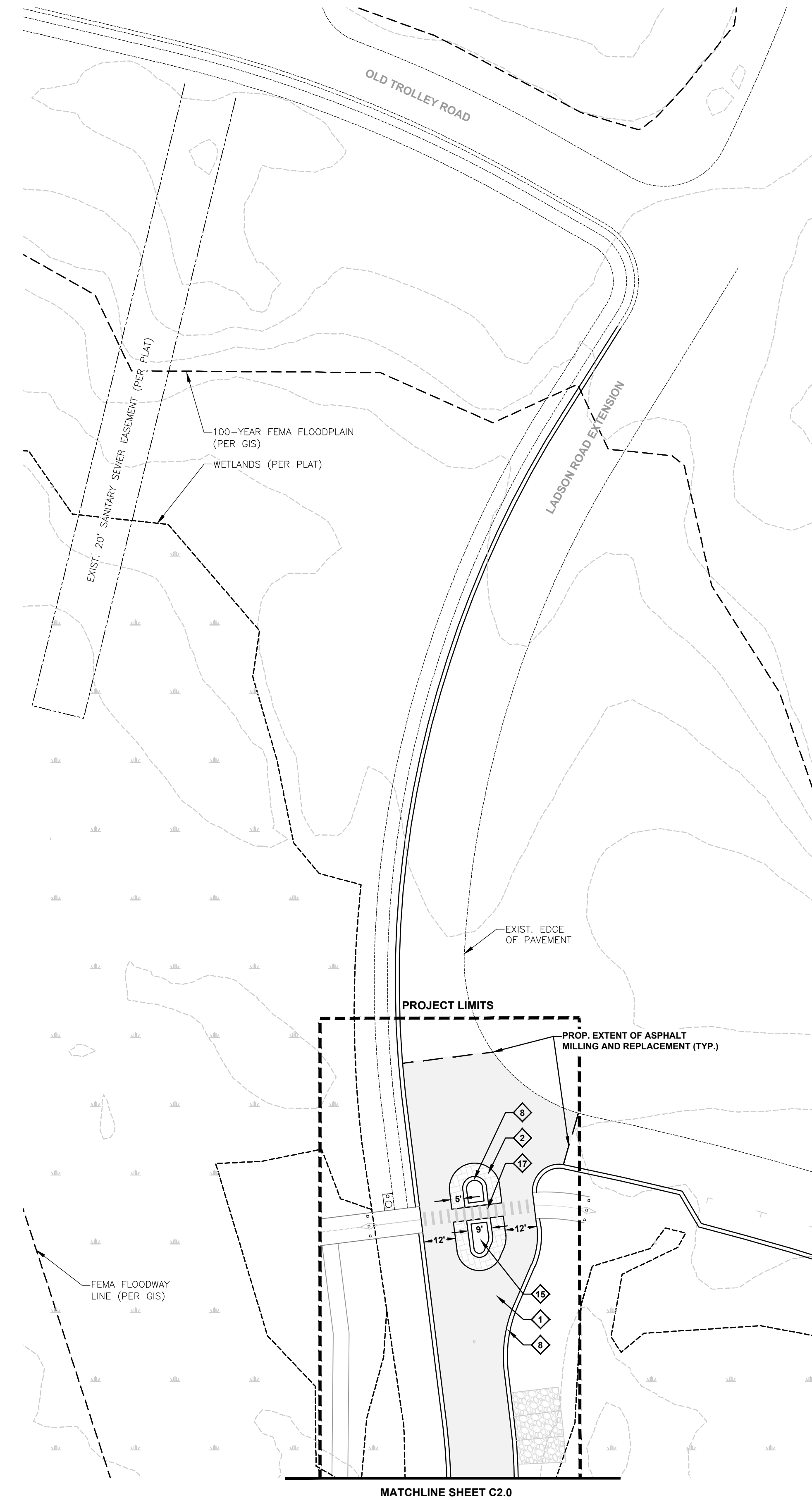
12 PROPOSED FENCE



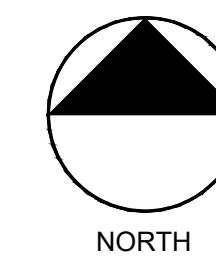
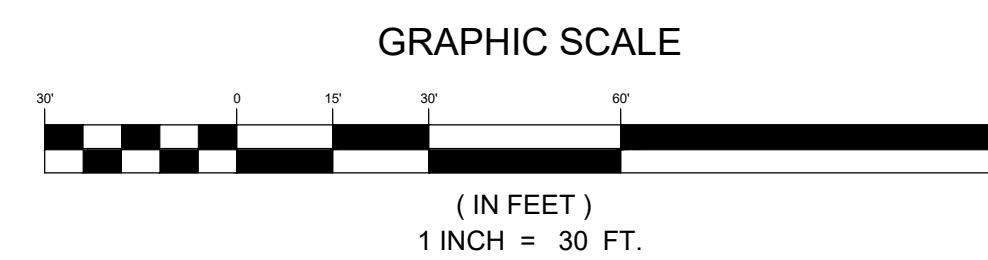
13 RESTROOM FACILITY



14 WOODEN BENCHES



1 ENTRY FEATURE
Scale: 1" = 30'



ESP Associates, Inc.
2154 N. Center Street
Suite 100
N. Charleston, SC 29408
843-714-2040
www.espasociates.com



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CONSTRUCTION

NO.	DATE	REVISION

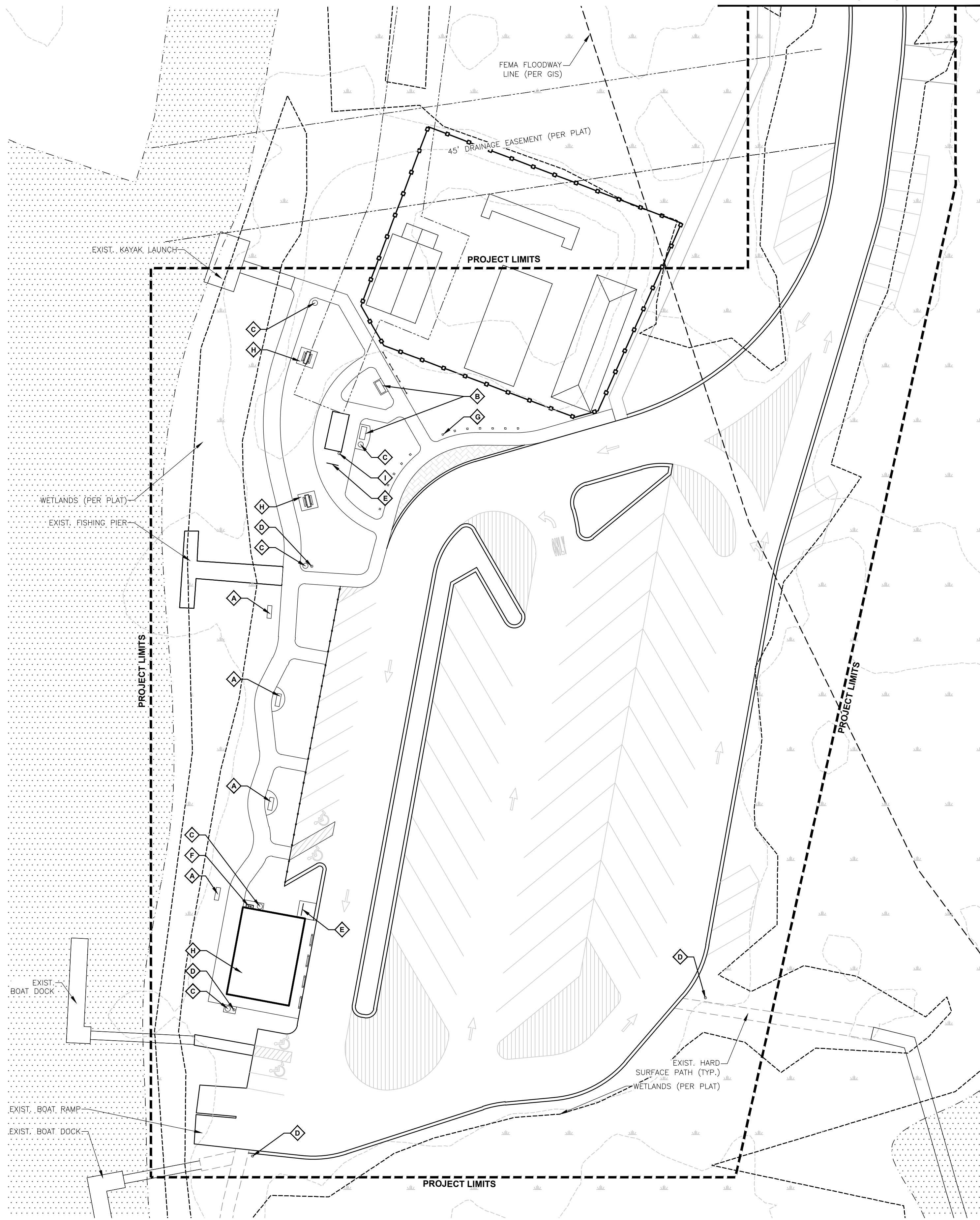
SITE PLAN - ENTRY FEATURE

OAKBROOK PRESERVE

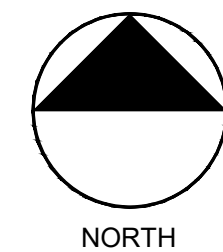
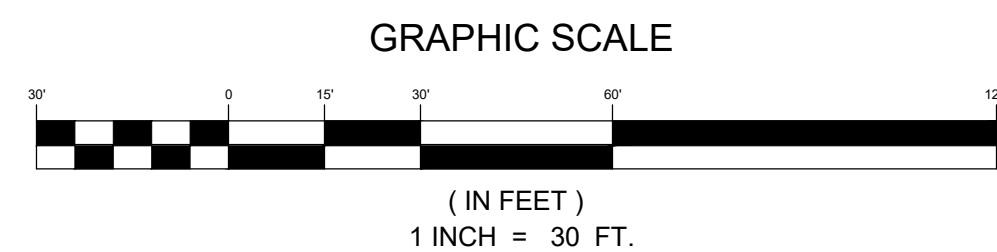
TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION	
PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021

SHEET:
C2.1



1 PARKING & RIVERWALK
Scale: 1" = 30'



KEY NOTES:

- A. SWINGING BENCHES - INSTALL 4 MAHOGANY BROWN "NAUTICAL 48" SWINGS" FROM POLYWOOD (SHOWN BELOW). SWING TO BE MOUNTED ON FRAME CONSTRUCTED OF 8x8 POSTS WITH 3x10 CROSS BEAM.
- B. STATIONARY BENCHES - INCLUDE BROWN/TAN "RAWLINS" 5 FOOT LONG BENCHES BY MAX-R ALONG RIVERWALK/CONCRETE PATH AND NEAR PRIMARY RESTING AREAS. REFER TO "STATIONARY BENCH" IMAGE BELOW. ALL BENCHES TO BE TAMPER-PROOF AND SECURED TO CONCRETE PADS.
- C. TRASH RECEPTACLE - PROVIDE AMPLE BROWN "TUSCANY SINGLE STREAM FRONT LOAD" WASTE & RECYCLE BINS FROM MAX-R THROUGHOUT RIVERWALK AND PICNIC AREAS. REFER TO "TRASH RECEPTACLE" IMAGE BELOW. ALL RECEPTACLES TO BE TAMPER-PROOF AND SECURED TO CONCRETE PADS.
- D. DOG WASTE STATION - INSTALL APPROX. 5 DOG WASTE STATIONS ALONG RIVERWALK AREA & ALONG LADSON ROAD EXTENSION AS IDENTIFIED. USE PRODUCT BY DOG WASTE DEPOT (PICTURED BELOW) OR SIMILAR IN COMPARISON.
- E. BICYCLE RACK - INSTALL ONE TAN "BIKE RACK" FROM MAX-R. REFER TO PRODUCT IMAGE BELOW. ALL BICYCLE RACKS TO BE TAMPER-PROOF AND SECURED TO CONCRETE PADS.
- F. PARK GRILL - EVALUATE CONDITION OF EXISTING GRILL LOCATED AT PICNIC SHELTER. RELOCATE TO PROPOSED LOCATION OR REPLACE WITH SIMILAR PRODUCT FROM THE PARK & FACILITIES CATALOG.
- G. BOLLARDS - INSTALL CHAMFERED COMPOSITE LUMBER BOLLARDS WITH BLACK METAL BAND DETAILS ALONG KAYAK DROP-OFF & CROSSWALK TO PROVIDE SEPARATION BETWEEN VEHICULAR AND PEDESTRIAN TRAFFIC. BOLLARDS SIMILAR STYLE TO POSTS CALLED OUT IN "FLOWERTOWN GREENWAY WAYFINDING CONCEPT" FROM THE SAWMILL BRANCH TRAIL DESIGN GUIDELINES MASTER PLAN. IMAGE INCLUDED BELOW.
- H. PICNIC TABLE - INCLUDE BROWN/TAN "STANDARD PICNIC TABLES" FROM MAX-R UNDER EXISTING PICNIC SHELTER & IN PROPOSED OPEN SPACE. REFER TO "PICNIC TABLE" IMAGE BELOW. ALL TABLES TO BE TAMPER-PROOF AND SECURED TO CONCRETE PADS.
- I. DRINKING FOUNTAIN - INSTALL ONE BROWN "TUBULAR ADA DRINKING FOUNTAIN WITH DOG BOWL" FROM ELKAY NEAR PROPOSED RESTROOM FACILITY.

REFERENCE IMAGES:



SWINGING BENCHES



STATIONARY BENCHES



TRASH RECEPTACLE



DOG WASTE STATION



BICYCLE RACK



PARK GRILL



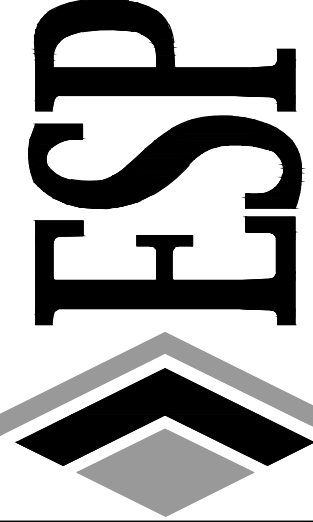
BOLLARDS



PICNIC TABLES



PICNIC TABLES



PRELIMINARY
NOT FOR
CONSTRUCTION

NO.	DATE	REVISION	BY

**SITE FURNISHINGS -
PARKING & RIVERWALK**
OAKBROOK PRESERVE
TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION	
PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021
SHEET:	C3.0

KEY NOTES:

- A. SWINGING BENCHES - INSTALL 4 MAHOGANY BROWN "NAUTICAL 48" SWINGS" FROM POLYWOOD (SHOWN BELOW). SWING TO BE MOUNTED ON FRAME CONSTRUCTED OF 8x8 POSTS WITH 3x10 CROSS BEAM.
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REFERENCE IMAGES:



◇ SWINGING BENCHES



◇ STATIONARY BENCHES



◇ TRASH RECEPTACLE



◇ DOG WASTE STATION



◇ BICYCLE RACK



◇ PARK GRILL



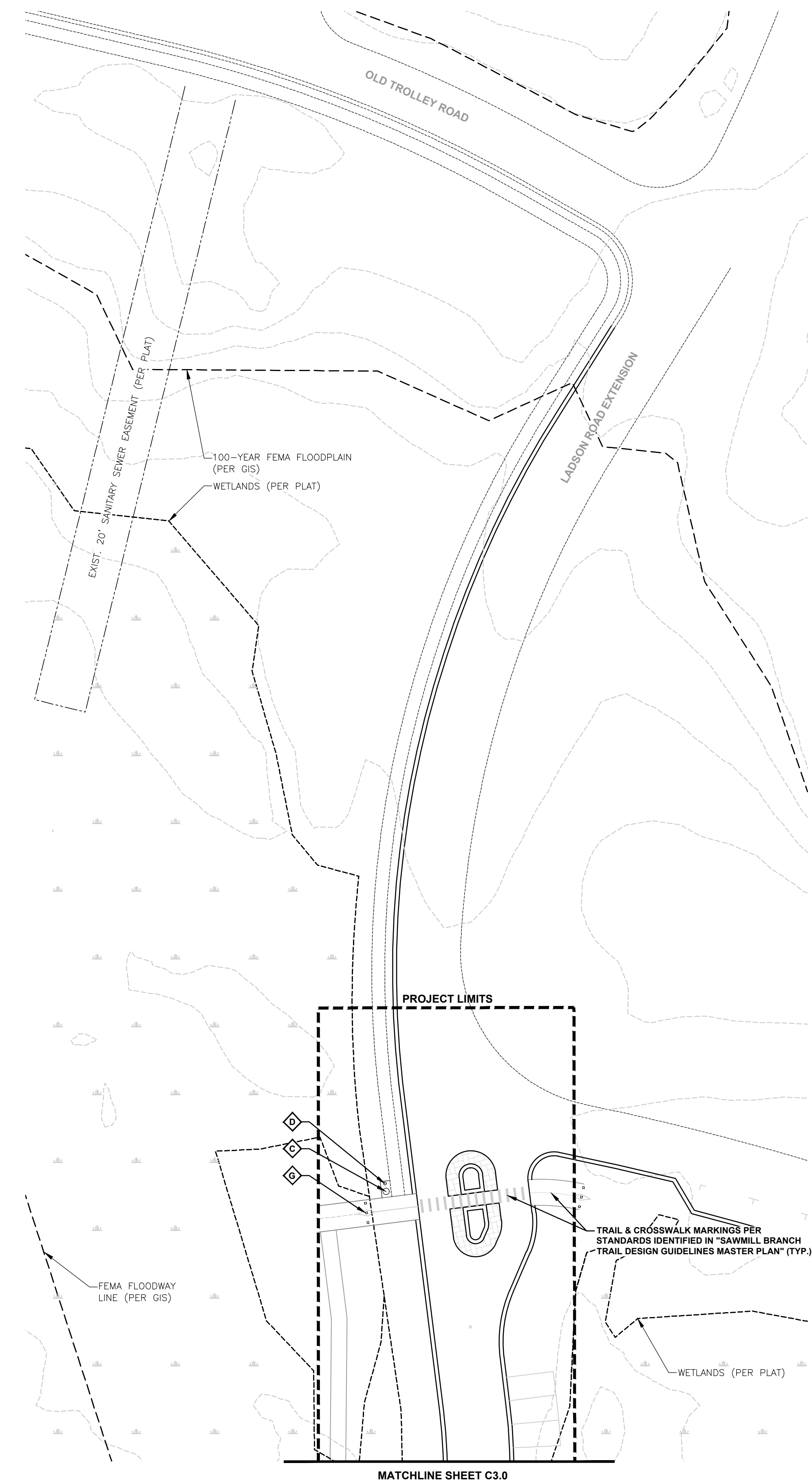
◇ BOLLARDS



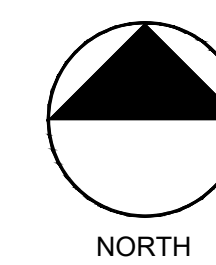
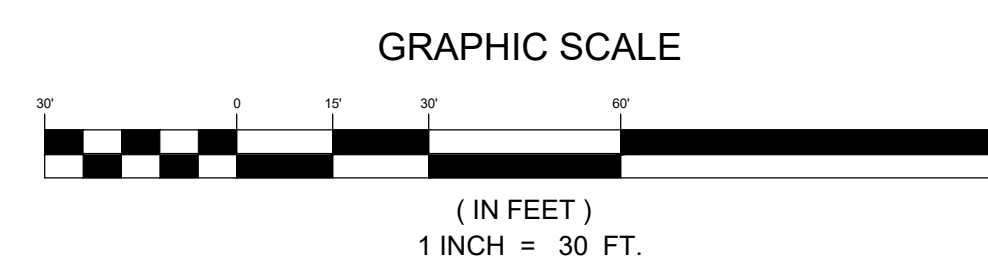
◇ PICNIC TABLES



◇ PICNIC TABLES

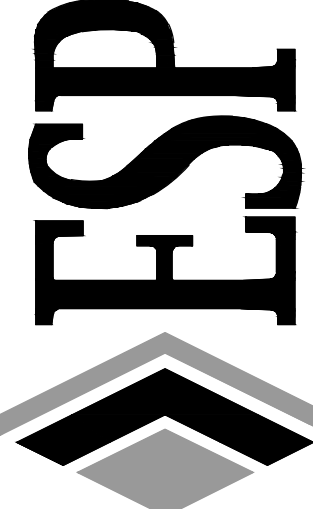


1 ENTRY FEATURE
Scale: 1" = 30'



8/3/2020 projects (IWS4 - oakbrook_schematic_plans_IWS4)Sheet/IWS4-SITE FURN. (mg_C3.1_mwhr)

ESP Associates, Inc.
2154 N. Center Street
Suite 100
N. Charleston, SC 29408
843-714-2040
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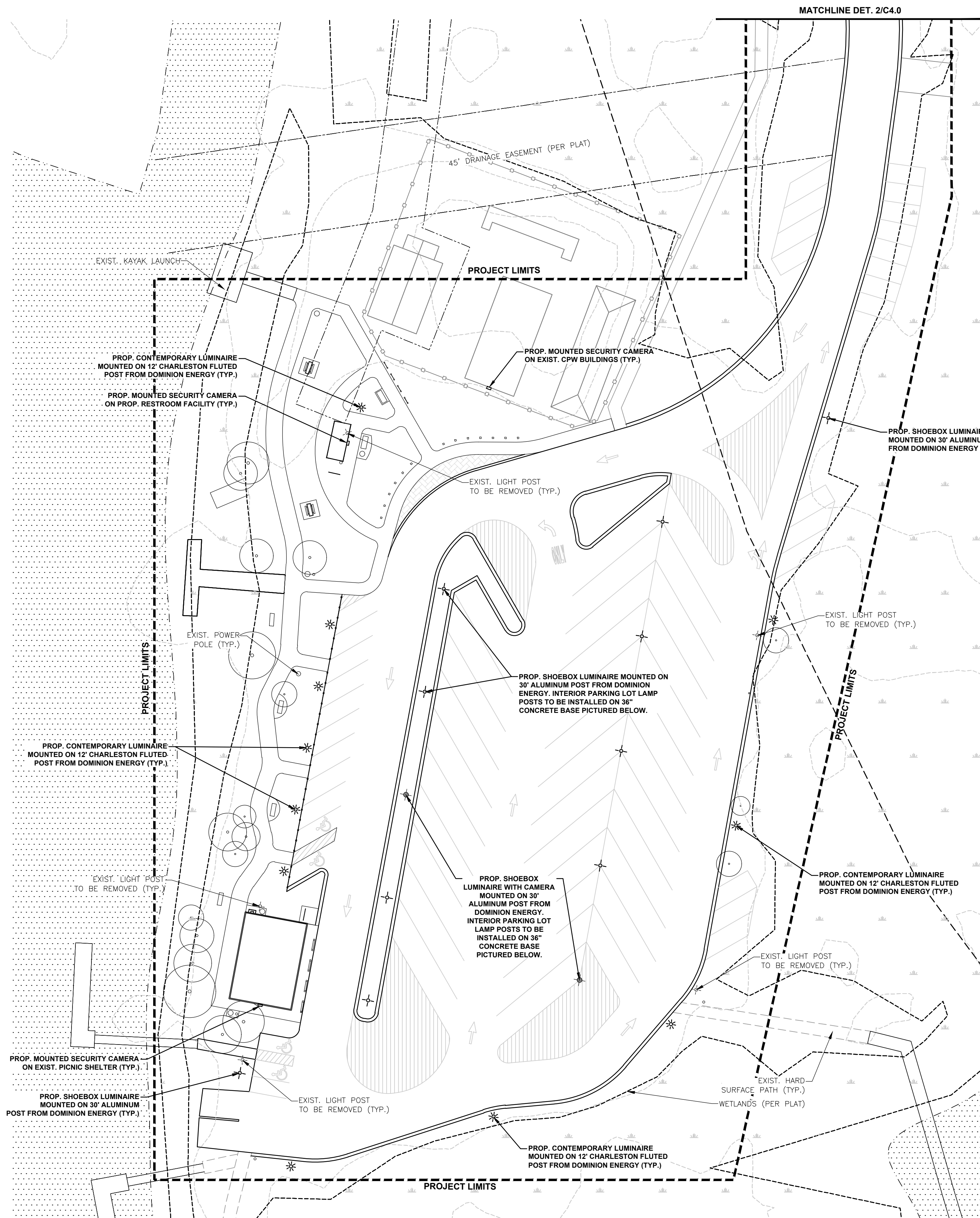
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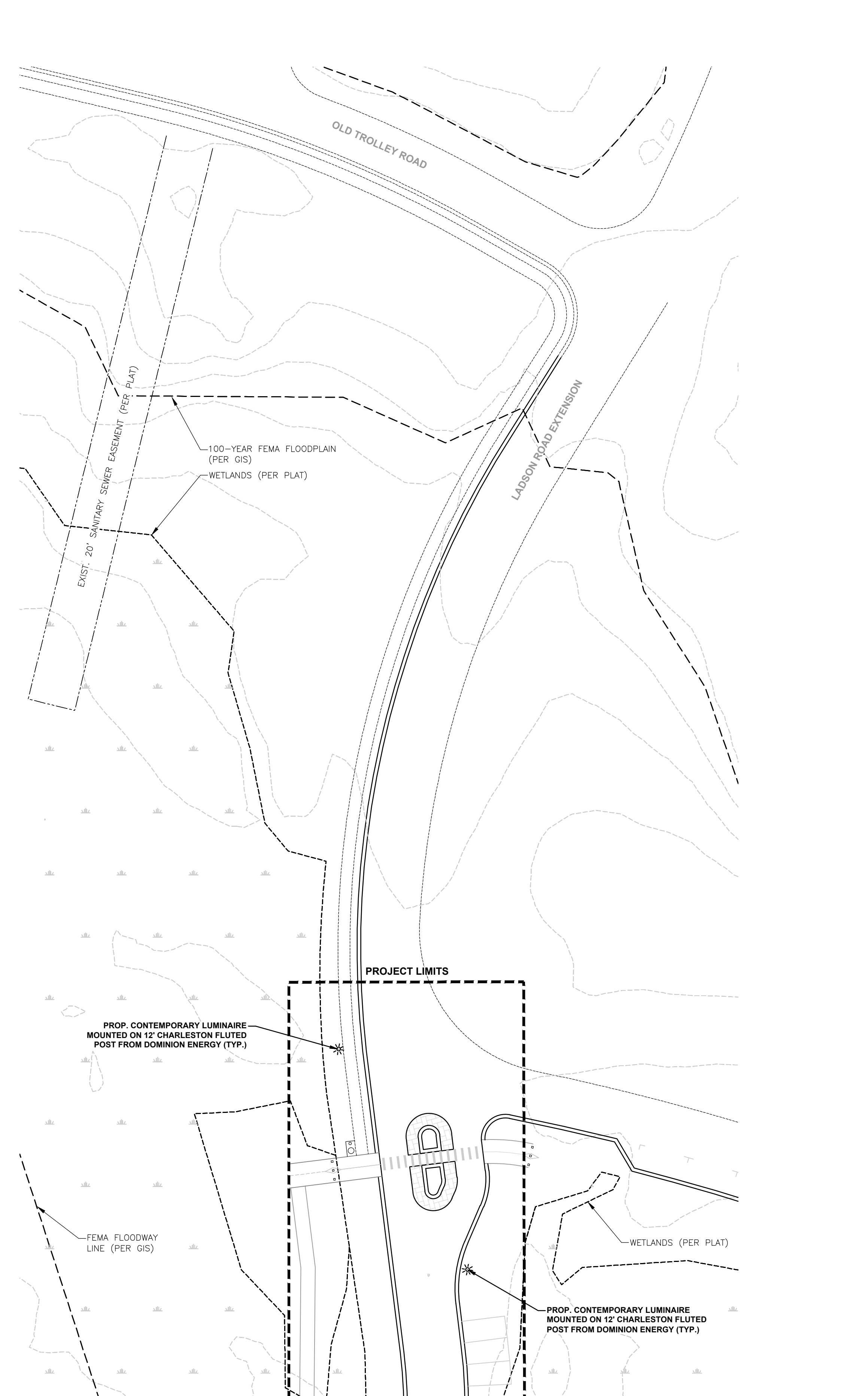
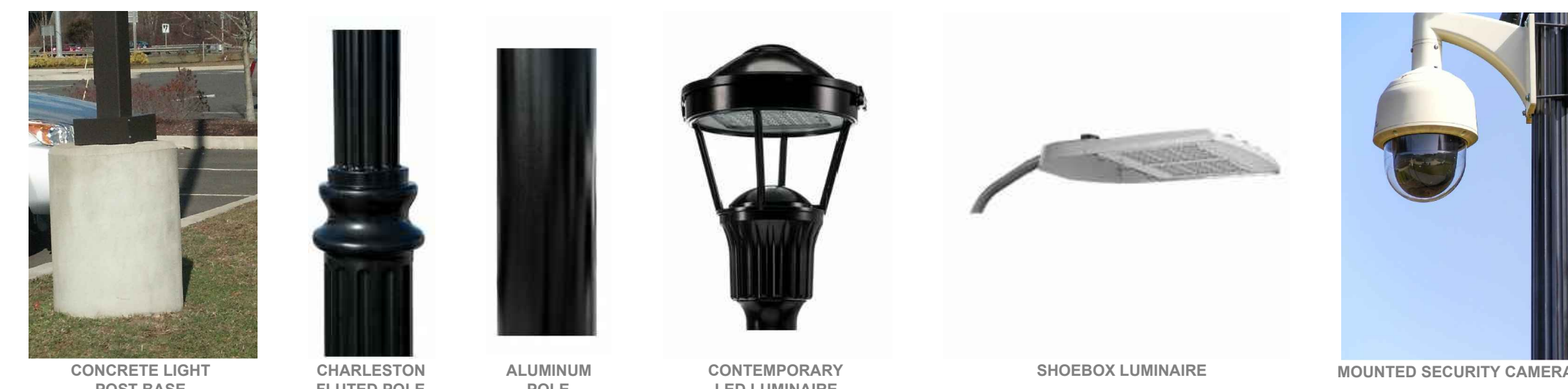
**SITE FURNISHINGS -
ENTRY FEATURE**
OAKBROOK PRESERVE
TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION	
PROJECT MANAGER:	KM
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DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021
SHEET:	C3.1

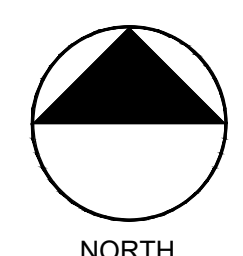
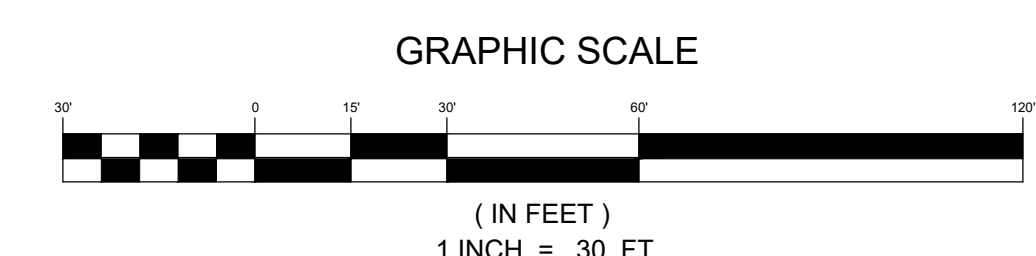
8/3/2020 Projects (I)W54 - Oakbrook Schematic Plans, W54-Sheet01W54-LIGHTING.dwg, C4.0, m/miller



1 PARKING & RIVERWALK
Scale: 1" = 30'



2 ENTRY FEATURE
Scale: 1" = 30'



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 N. Charleston, SC 29405
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NO.	DATE	REVISION

LIGHTING & SECURITY

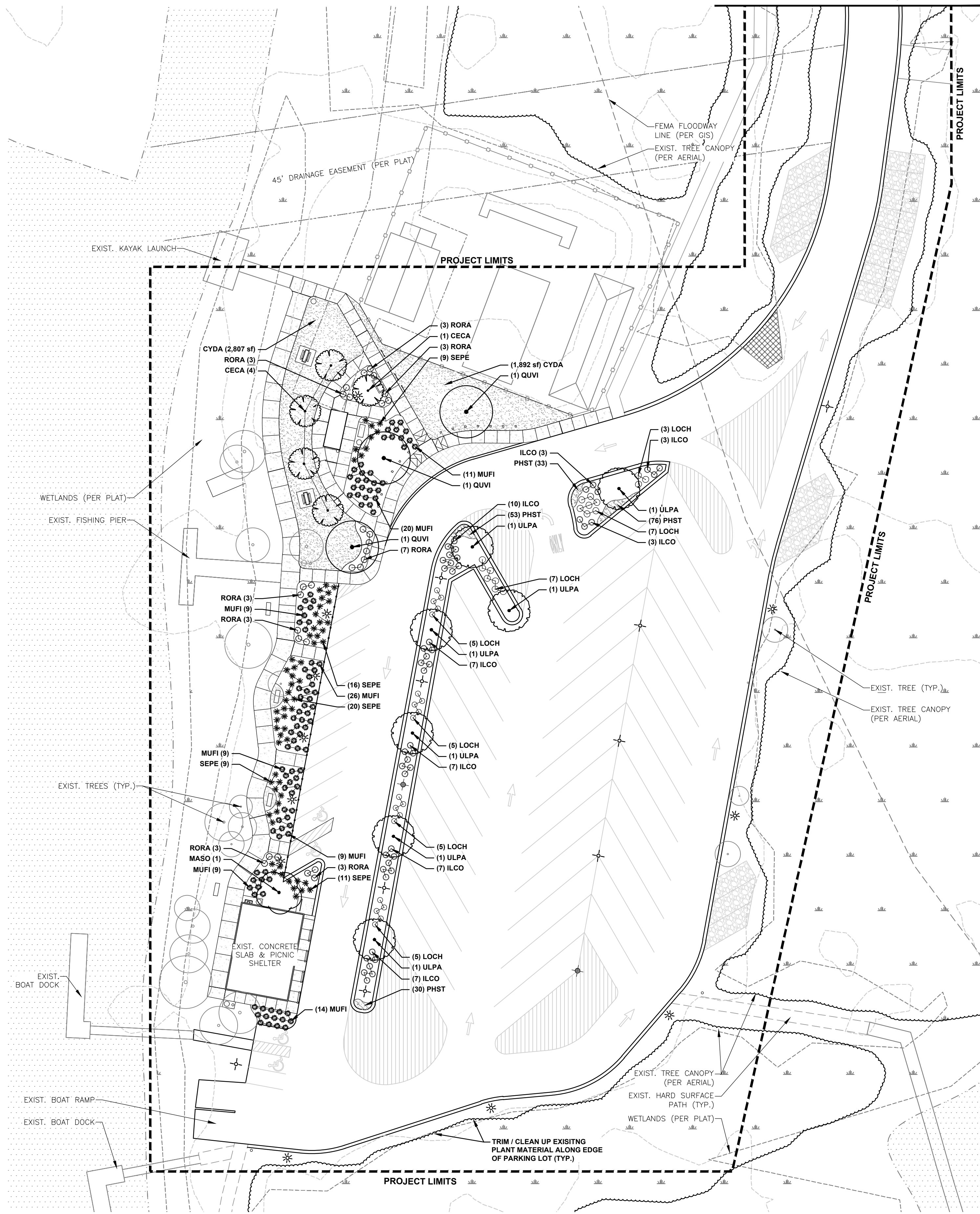
OAKBROOK PRESERVE

TOWN OF SUMMERSVILLE, SC

PROJECT INFORMATION

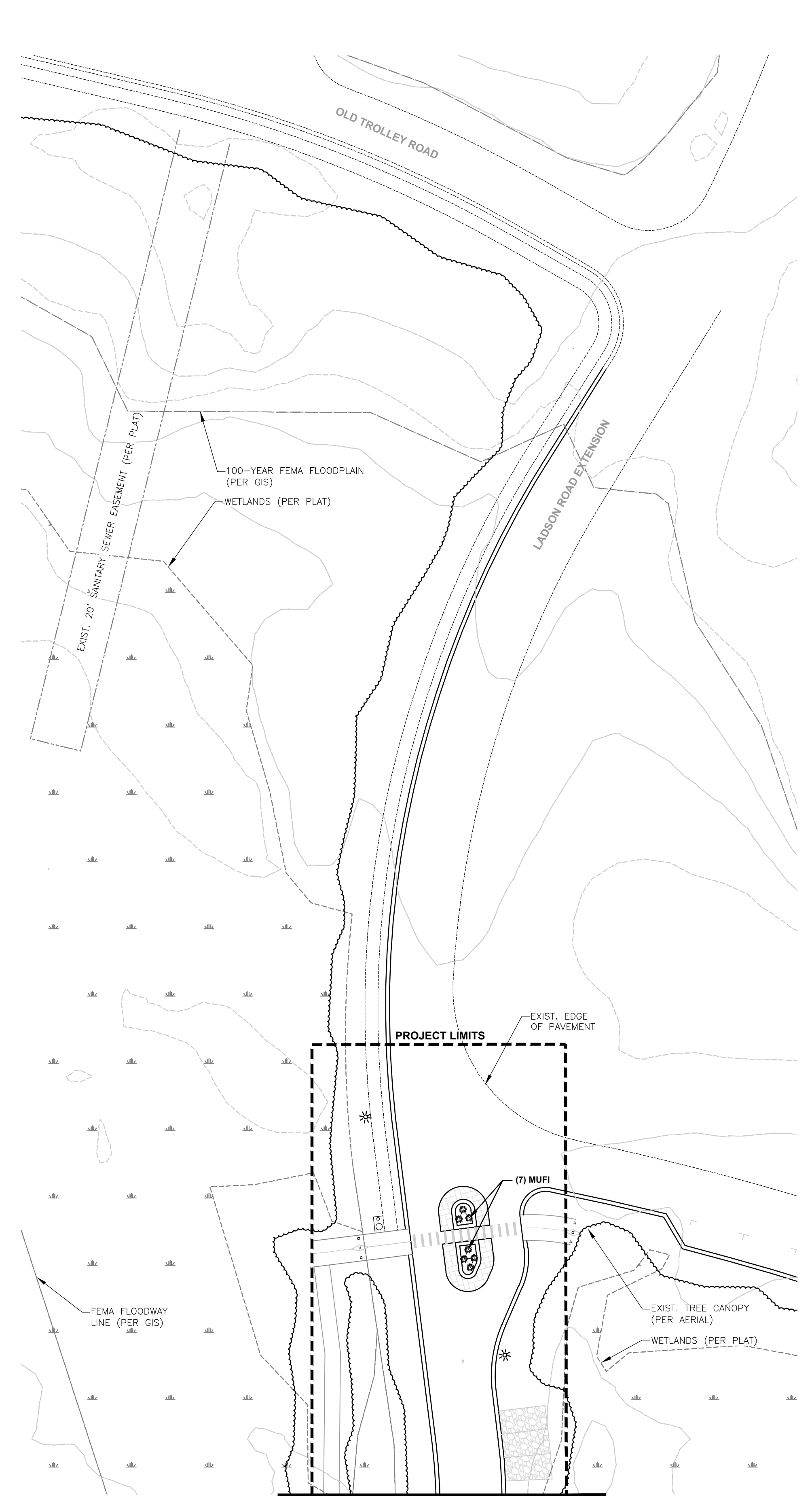
PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021
SHEET:	C4.0

MATCHLINE DET. 2/L1.0

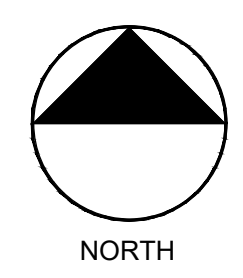
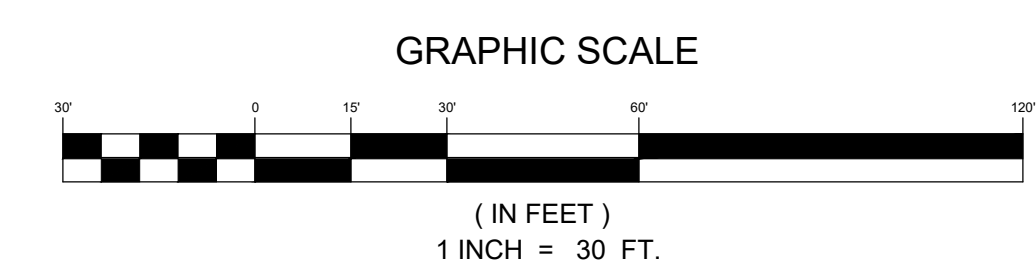


1 PARKING & RIVERWALK
 L1.0 Scale: 1" = 30'

MATCHLINE DET. 1/L1.0



2 ENTRY FEATURE
 L1.0 Scale: 1" = 30'



8/30/2021 Projects (I)W54 - Oakbrook Schematic Plans, (W)54 Sheets (W)54 LAND, rev. L1.0, mwh/ter

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 N. Charleston, SC 29405
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NO.	DATE	REVISION

LANDSCAPE PLAN

OAKBROOK PRESERVE

TOWN OF SUMMERVILLE

PROJECT INFORMATION

PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021
SHEET:	L1.0

PLANT_SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	METHOD	SIZE
	CECA	5	Cercis canadensis / Eastern Redbud	B&B	2" CAL.
	MASO	1	Magnolia x soulangeana / Saucer Magnolia	B&B	8' HT.
	QUVI	3	Quercus virginiana / Southern Live Oak	B&B	3" CAL.
	ULPA	7	Ulmus parvifolia / Lacebark Elm	B&B	3" CAL.
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SPACING	SIZE
	ILCO	47	Ilex cornuta 'Carissa' / Carissa Holly	4' O.C.	3 GAL.
	LOCH	37	Loropetalum chinense "Daruma" / Daruma Loropetalum	4' O.C.	3 GAL.
	RORA	28	Rosa radras / Knock Out Roses	4' O.C.	3 GAL.
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SPACING	SIZE
	MUFI	114	Muhlenbergia filipes / Pink Muhly Grass	4' O.C.	1 GAL.
	SERE	65	Serenoa repens / Saw Palmetto	4' O.C.	1 GAL.
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SPACING	SIZE
	CYDA	4,699 sf	Cynodon dactylon x C. transvaalensis / TifTuf Bermuda Grass	SOD	
	PHST	192	Phlox stolonifera / Creeping Phlox	18" O.C.	4" POT

GENERAL/SITE NOTES:

- ALL CONSTRUCTION MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM WITH STANDARDS SET FORTH IN TOWN OF SUMMERVILLE, STATE OF SOUTH CAROLINA, OR OTHER APPLICABLE STANDARDS.
- CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO INSTALLATION AND NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF FIELD CONDITIONS WARRANT ADJUSTMENT OF PLANT MATERIALS. CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT ALL UTILITIES ARE LOCATED PRIOR TO CONSTRUCTION.
- COORDINATE LANDSCAPE INSTALLATION WITH ANY LIGHTING / IRRIGATION CONSTRUCTION.
- CONTRACTOR RESPONSIBLE FOR VERIFYING ALL SPECIFICATIONS AND INSTALLATION REQUIREMENTS OF IRRIGATION, LIGHTING, AND FENCING TO ENSURE THAT PRODUCTS ARE INSTALLED PROPERLY AND PER MANUFACTURER REQUIREMENTS AND LOCAL AGENCY CODES & RESTRICTIONS.
- ESP ASSOCIATES, INC. IS NOT RESPONSIBLE FOR INSTALLATION OR DESIGN OF LIGHTING, FENCING, OR IRRIGATION. THE INSTALLATION REQUIREMENTS AND DESIGN IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, AND MAINTENANCE OF TRAFFIC AS NECESSARY TO ENSURE PUBLIC SAFETY.

LANDSCAPE INSTALLATION NOTES:

- FIELD ADJUSTMENTS TO PLANT MATERIAL TO BE MADE AS NEEDED BY OWNER.
- SIZE, QUALITY AND OVERALL HEALTH OF ALL PLANT MATERIAL USED SHALL CONFORM TO THE LATEST EDITION OF "USA STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- CALIPER SPECIFICATIONS INDICATED ON THE PLANT SCHEDULE SHALL TAKE PRECEDENCE OVER HEIGHT.
- PLANTS SHALL BE COVERED DURING TRANSPORT TO PREVENT WIND DAMAGE. COVERING SHALL BE REMOVED IMMEDIATELY UPON ARRIVAL ON SITE. ROOT BALLS SHALL BE THOROUGHLY WATERED IMMEDIATELY UPON ARRIVAL ON SITE AND THEN REGULARLY AS-NEEDED. IF PLANTS ARE NOT INSTALLED IMMEDIATELY THEY SHALL BE STORED IN A PROTECTED AREA OUT OF DIRECT SUNLIGHT AND AWAY FROM HOT SURFACES, IF POSSIBLE, AND ROOT BALLS SHALL BE COVERED WITH MULCH.
- PLANTS SHALL BE TRANSPORTED BY LIFTING FROM BOTTOM OF ROOT BALL ONLY.
- CONTRACTOR SHALL REMOVE ALL LUMPS OF CLAY, STONES OVER 1" IN DIAMETER AND ALL CONSTRUCTION DEBRIS INCLUDING GRAVEL, ROOTS, LIMBS AND OTHER DELETERIOUS MATTER WHICH WOULD BE HARMFUL OR PREVENT PROPER ESTABLISHMENT AND/OR MAINTENANCE OF LAWN AND PLANTING AREAS.
- IN LANDSCAPE AREAS WHERE ASPHALT IS REMOVED FOR PLANTING BEDS OR WHERE CONSTRUCTION GRAVEL IS EMBEDDED IN THE SOIL, CONTRACTOR SHALL REPLACE CONTAMINATED SOIL TO A DEPTH OF 8" AND REPLACE WITH CLEAN TOPSOIL AT NO CHARGE TO OWNER IF REQUIRED.
- PRIOR TO PLANT INSTALLATION ALL PLANTING BEDS ARE TO BE TILLED AT A MINIMUM OF 18" DEPTH AND RECEIVE AN AMENDED TOPSOIL MIXTURE APPROPRIATE FOR GOOD PLANT GROWTH AND ADEQUATE DRAINAGE. RECOMMENDED SOIL AMENDMENTS AND SOIL COMPOSITE SHALL BE BASED UPON RECOMMENDATION FROM SOIL TESTS. A MINIMUM OF ONE SOIL TEST IS REQUIRED FOR THIS SITE.
- PROVIDE AT LEAST 274 SQUARE FEET OF MINIMUM PLANTING AREA PER TREE WITH AMENDED ON SITE SOIL OR SOIL MIX, OR AS SPECIFIED IN THE TOWN GUIDELINES AND SPECIFICATIONS ON TREE PLANTING, TO A DEPTH OF 8-12" INCHES.
- REFER TO TREE PLANTING DETAILS FOR INSTALLATION PROCEDURES AND REQUIREMENTS.
- CONTRACTOR SHALL MULCH SHRUB BEDS AND TREES WITH DOUBLE HAMMERED HARDWOOD MULCH.
- ALL PLANT BEDS ARE TO RECEIVE WEED INHIBITOR OF PREEN® OR APPROVED EQUAL.
- CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON PLANS. QUANTITIES ARE FOR CONVENIENCE ONLY. IF THERE IS A DISCREPANCY BETWEEN THE PLANTING PLAN AND THE PLANTING SCHEDULE, THE PLAN SHALL PREVAIL.
- CONTRACTOR SHALL COORDINATE ANY PLANTING OR IRRIGATION IN ANY RIGHT-OF-WAY WITH TOWN OF SUMMERVILLE, DORCHESTER COUNTY, SCDOT, AND ANY OTHER APPLICABLE LOCAL TRANSPORTATION DEPARTMENTS AND ESP IF CONDITIONS WARRANT ADJUSTMENTS TO PLANT MATERIAL AND LOCATIONS.
- NO TREES TO BE PLANTED WITHIN 15 FEET OF UTILITIES OR LIGHT POLE. LARGE MATURING TREES MUST BE A MINIMUM 25 FEET FROM OVERHEAD DISTRIBUTION OR TRANSMISSION LINES. COORDINATE PLANTINGS WITH THE PROPER POWER COMPANY IF NECESSARY. IF TREES CONFLICT WITH POWER LINES OR SIGNS NOTIFY LANDSCAPE ARCHITECT TO RESOLVE BEFORE PLANTING
- ALL DISTURBED AREAS AND AREAS OUTSIDE PLANTING BEDS BUT WITHIN LIMITS OF WORK SHALL BE SODDED WITH TIF TUF BERMUDA GRASS OR APPROVED EQUAL PER OWNER.

MAINTENANCE AND WARRANTY NOTES:

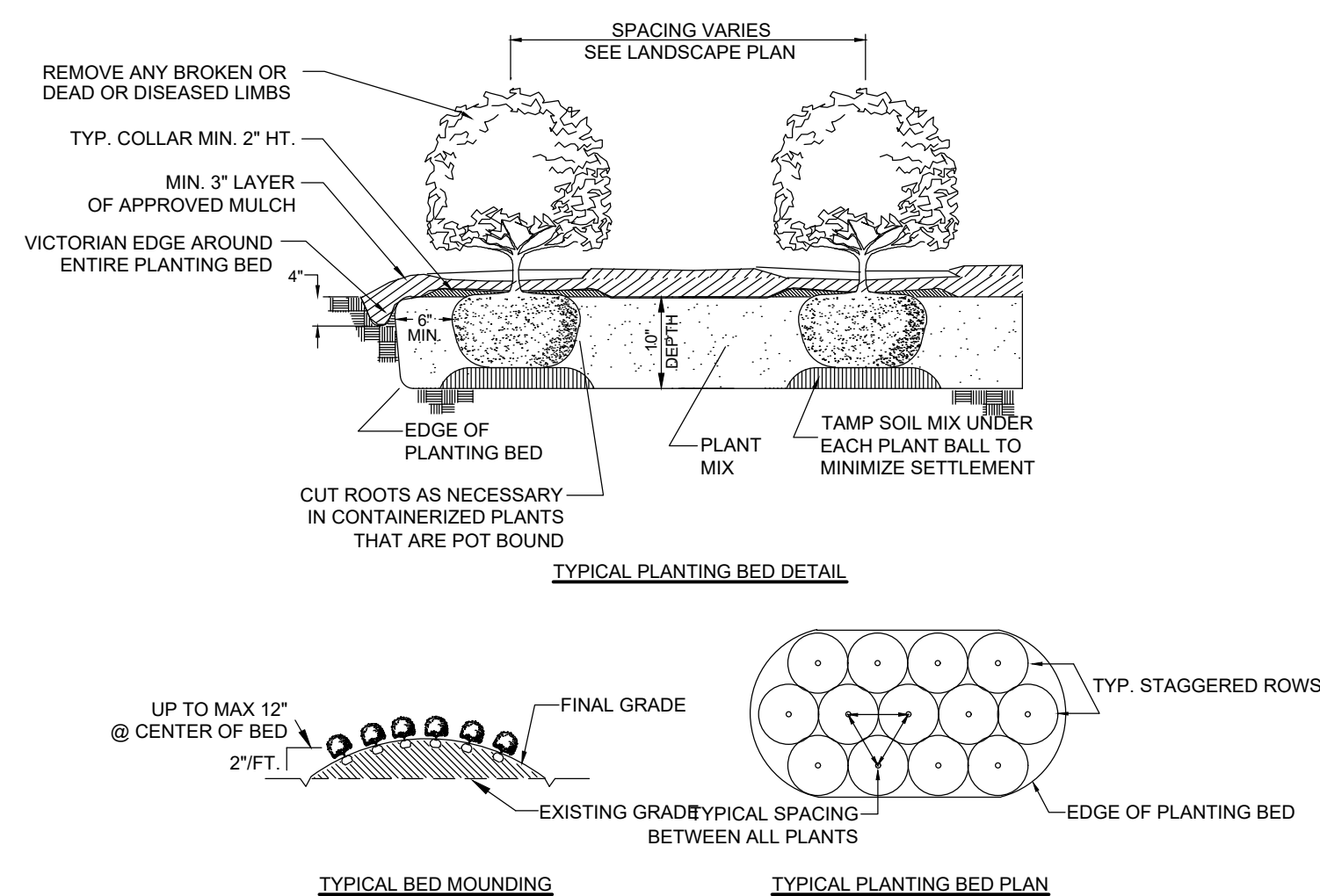
- CONTRACTOR RESPONSIBLE FOR PROVIDING ONE 15 GALLON TREEGATOR® BAG OR APPROVED EQUAL PER EACH TREE AT TIME OF INSTALLATION. BAG SHALL BE CHECKED AND REFILLED IF NEEDED TWICE PER WEEK JUNE-AUGUST AND ONCE PER WEEK SEPTEMBER-MAY FOR THE FIRST 6 MONTHS FOLLOWING INSTALLATION.
- CONTRACTOR MUST FOLLOW A ROUTINE SCHEDULE OF WATERING, FERTILIZATION, PEST CONTROL AND PRUNING UNTIL FINAL ACCEPTANCE BY OWNER. TREES WHICH ARE DETERMINED TO BE DEAD, DISEASED, DAMAGED OR MALNOURISHED SHALL BE REPLACED AT CONTRACTORS EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR THE VIABILITY OF PLANT MATERIAL FOR A MINIMUM PERIOD OF ONE YEAR AFTER ACCEPTANCE FROM OWNER BUT MAY ALSO BE BONDED FOR WARRANTEE BY LOCAL ORDINANCE OR DEVELOPMENT CONDITIONS. IN THE EVENT THAT LANDSCAPE MAINTENANCE IS PROVIDED BY ANOTHER CONTRACTOR, WARRANTY SHALL BE TRANSFERABLE TO MAINTENANCE CONTRACTOR.

TREE STAKING AND LOCATIONS:

- CONTRACTOR SHALL STAKE LOCATION OF ALL TREES AND OBTAIN APPROVAL FROM OWNER OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

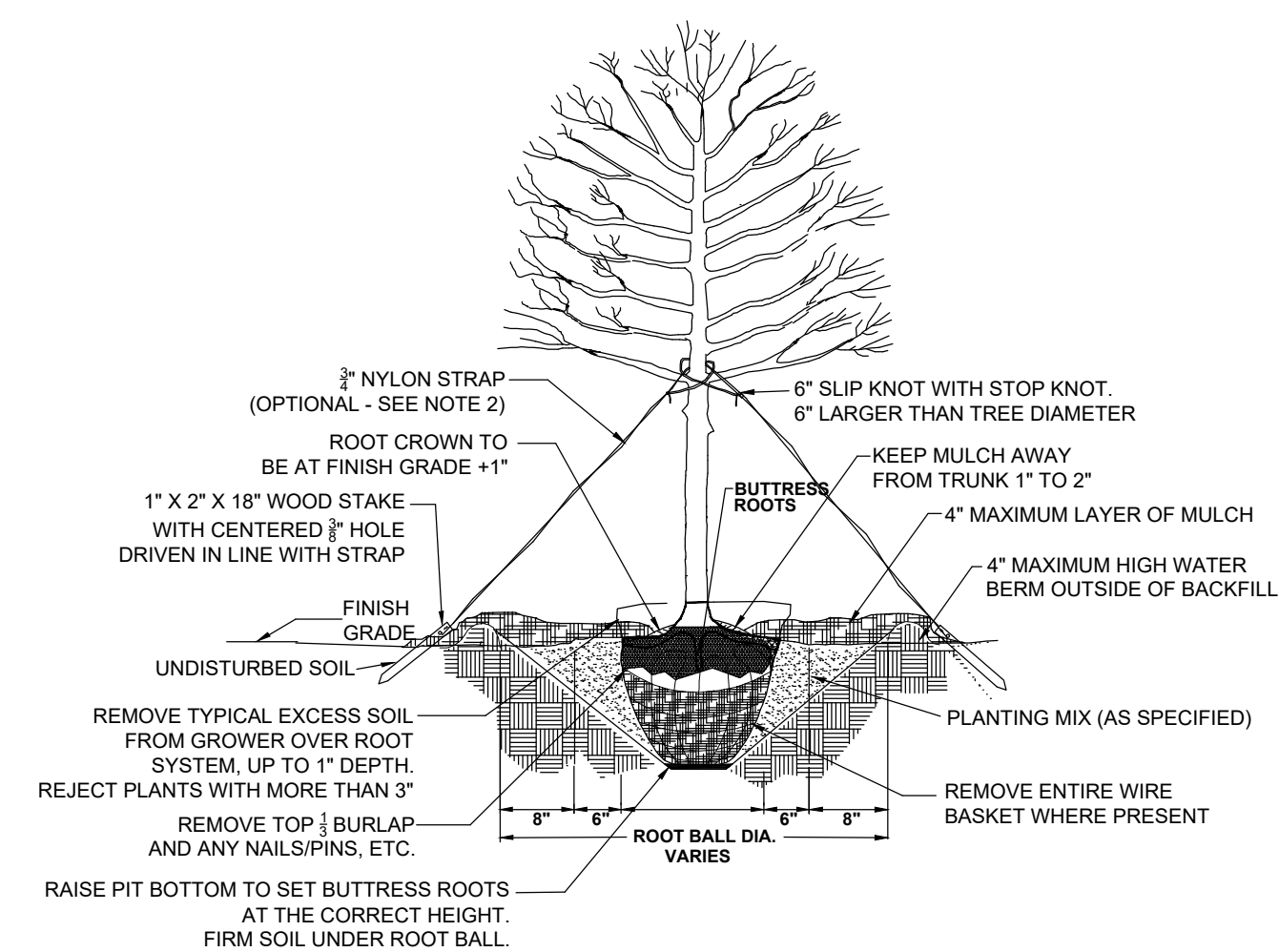
PLANT MATERIAL SUBSTITUTION:

- PLANT MATERIAL SUBSTITUTIONS TO BE APPROVED BY OWNER OR LANDSCAPE ARCHITECT PRIOR TO ORDERING. SUBSTITUTIONS OF PLANT MATERIAL NOT APPROVED BY OWNER OR LANDSCAPE ARCHITECT MAY BE REJECTED.



- NOTES:**
- OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
 - INSTALL TOP OF PLANT BALL 2" ABOVE ADJACENT GRADE.
 - TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
 - SOAK EACH ROOT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.
 - SAME PRINCIPLES AND TECHNIQUE APPLIES TO PERENNIAL PLANTING.

SHRUB PLANTING DETAIL
NOT TO SCALE



ALL TREES SHALL MEET AMERICAN STANDARD FOR NURSERY STOCK (AMSL 1990, PART 1, "SHADE AND FLOWERING TREES")
FOR EXAMPLE: CALIPER HEIGHT (RANGE) MAX. HEIGHT MIN. ROOT BALL DIA. MIN. ROOT BALL DEPTH

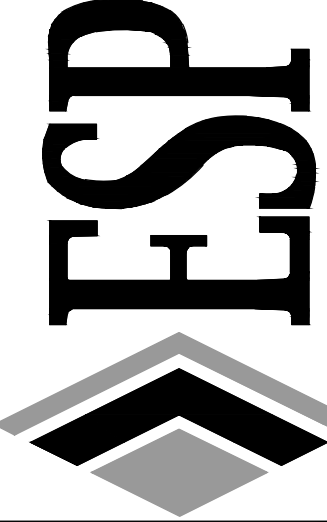
2"	12-14'	16"	24"
3"	14-16'	18"	21"

- NOTES:**
- REMOVE WIRE OR NYLON TWINE FROM ENTIRE ROOT BALL.
 - STAKING REQUIRED FOR LEANING TREES OR AS NECESSARY.
 - SOAK EACH ROOT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.

TREE PLANTING DETAIL
NOT TO SCALE

8/3/2020 Projects (I)W54 - Oakbrook Schematic Plans - W54_Sheets\W54-LAND_01.dwg, L2.0, mwhiler

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2154 N. Center Street
Suite #103
N. Charleston, SC 29408
843-714-2040
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PLANT SCHEDULE & NOTES

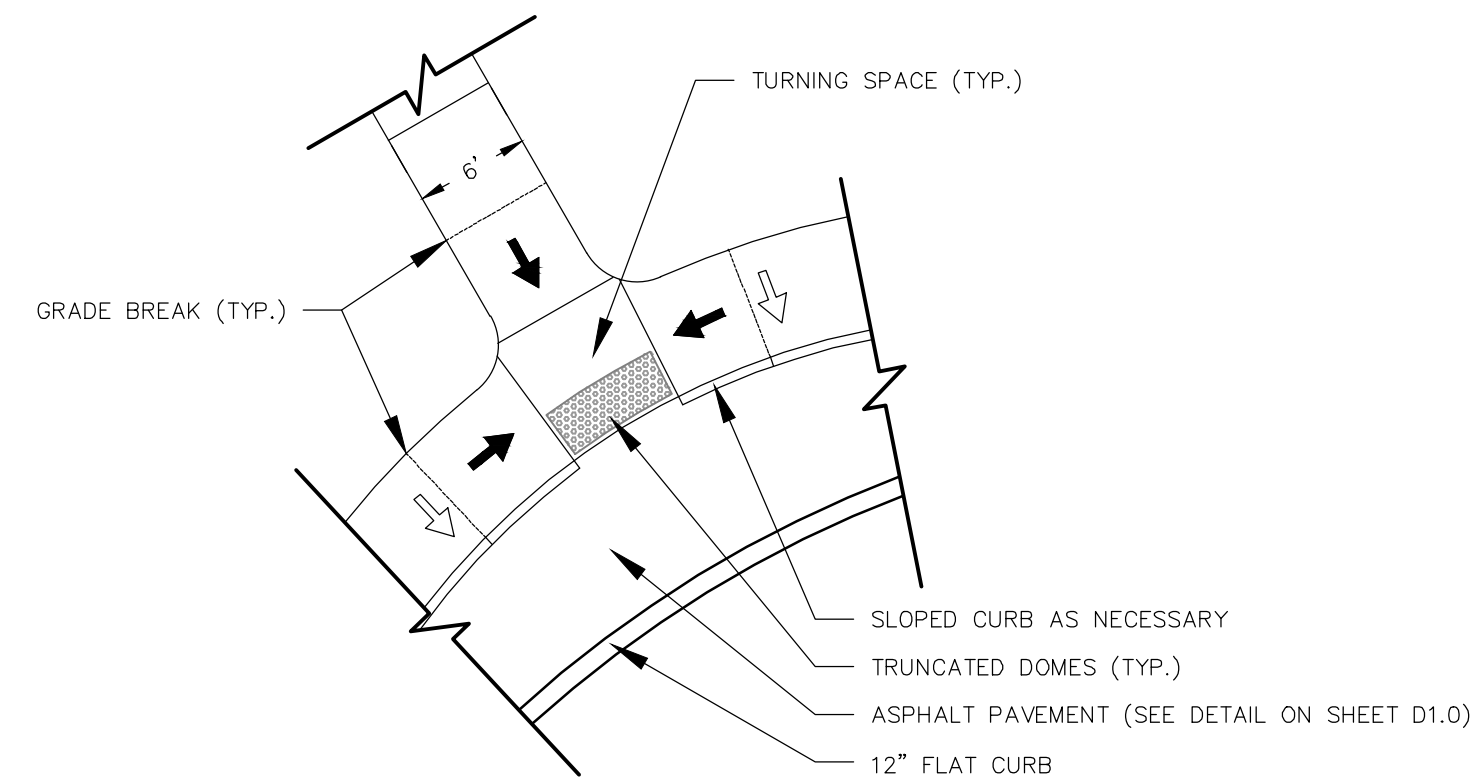
OAKBROOK PRESERVE

TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION

PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	W54.100
ORIGINAL DATE:	03/30/2021

SHEET: **L2.0**

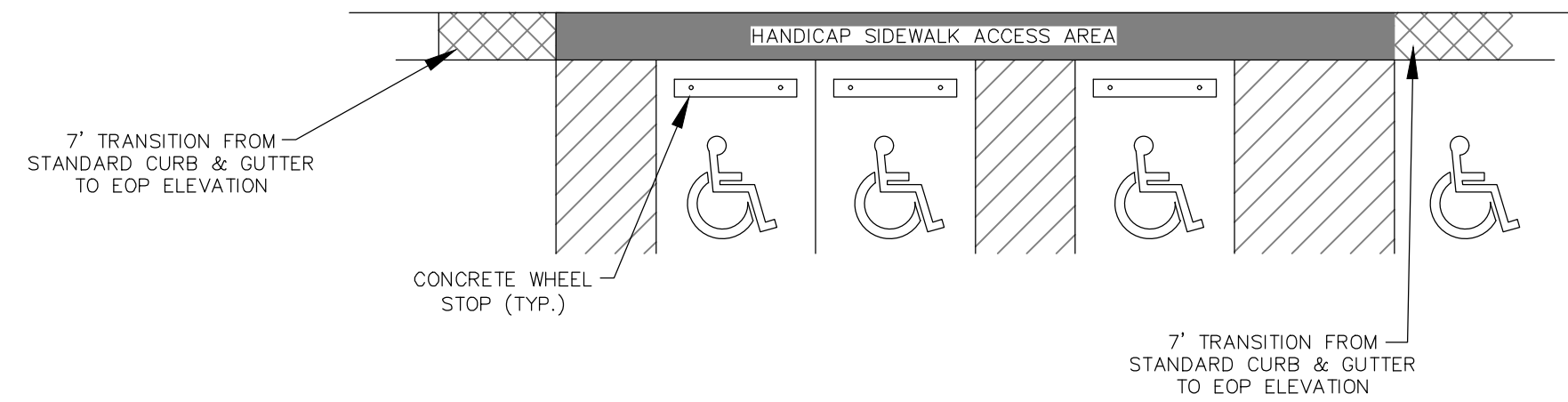


GENERAL NOTES

- RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.
- GUTTER FLOWLINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGHOUT THE RAMP AREA.
- THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.
- COORDINATE CONSTRUCTION TO COMPLY WITH LOCAL AND FEDERAL ADA STANDARDS.

NOT TO SCALE

ACCESSIBLE RAMP



NOT TO SCALE

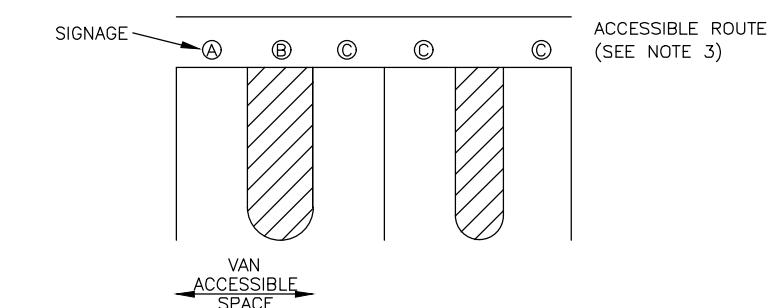
ACCESSIBLE AREA IN PARKING LOT

ACCESSIBLE PARKING REQUIREMENTS

TOTAL PARKING SPACES PROVIDED	MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED	MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED TO BE VAN ACCESSIBLE
1 TO 25	1	1
26 TO 50	2	1
51 TO 75	3	1
76 TO 100	4	1
101 TO 150	5	1
151 TO 200	6	1
201 TO 300	7	1
301 TO 400	8	1
401 TO 500	9	2
501 TO 1000	2% OF TOTAL	1 IN EVERY 8 ACCESSIBLE SPACES
1001 AND OVER	2% PLUS 1 FOR EACH 100 OVER 1000	1 IN EVERY 8 ACCESSIBLE SPACES

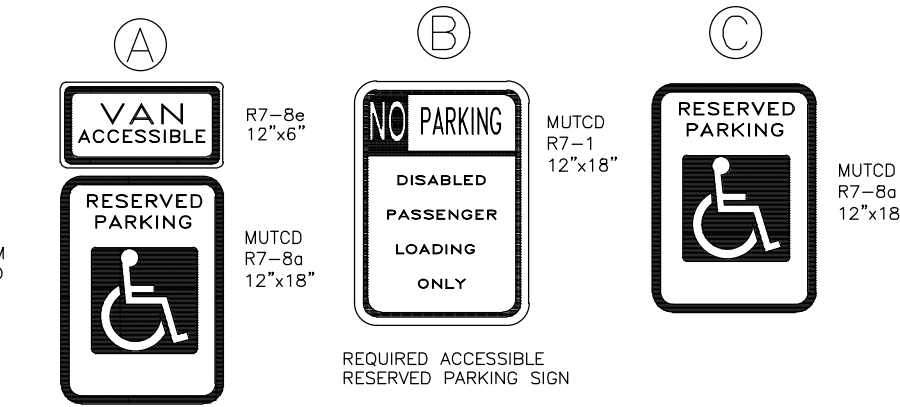
SECTION 4.1.2 (5) OF THE AMERICANS WITH DISABILITIES ACT (ADA), SEE 4.1.2.(5) (d) FOR MEDICAL CARE FACILITIES

- NOTES:
- ALL 12"x18" ACCESSIBLE SIGNS (R7-8a & R7-1) SHALL BE MOUNTED AT 7 FEET FROM GRADE TO BOTTOM EDGE OF SIGN FACE (MUTCD). MOUNTING HEIGHT CAN BE REDUCED TO 5 FEET IF PLACED IN AN AREA BETWEEN SIDEWALK AND BUILDING FACE IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE.
 - REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) U.S. DEPARTMENT OF TRANSPORTATION AND NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPPLEMENT.
 - IF ACCESSIBLE ROUTE IS A RAISED SIDEWALK AREA, THEN RAMPS ARE REQUIRED AT LOADING ZONE AREA.



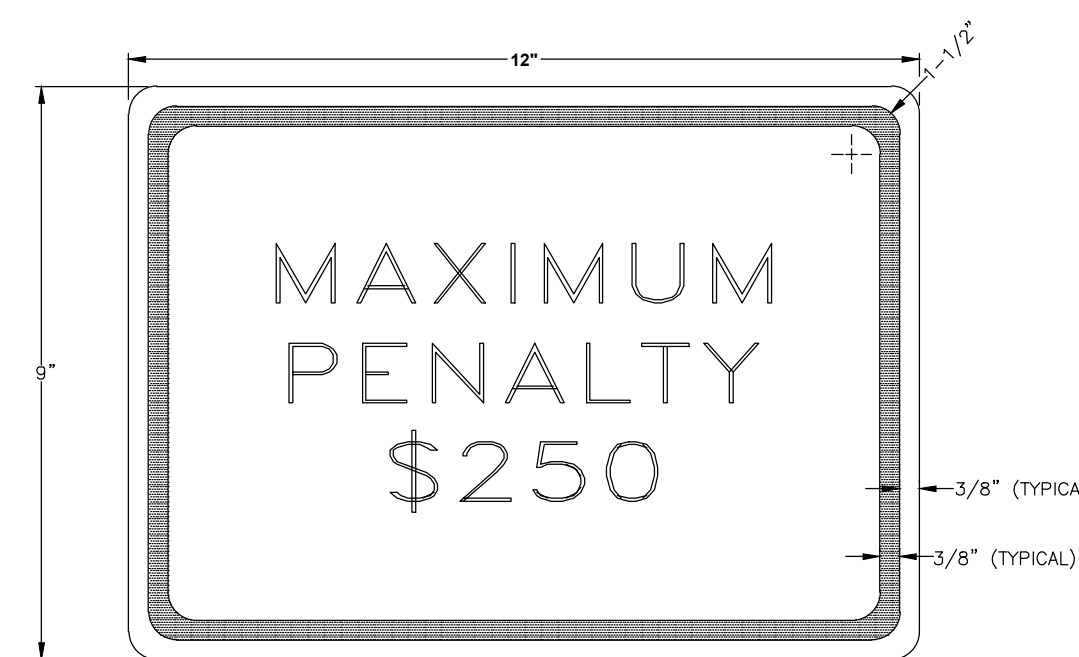
ONE OUT OF EVERY EIGHT (8) ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, IS REQUIRED TO BE VAN ACCESSIBLE.

PARKING SPACE PAVEMENT MARKINGS



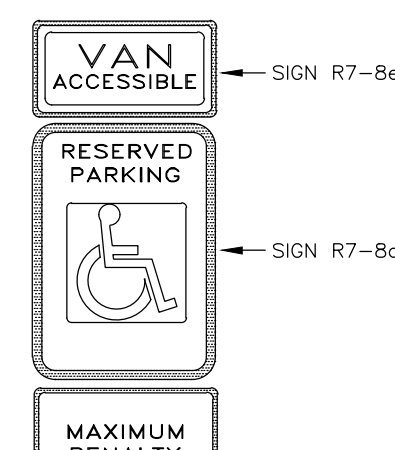
NOT TO SCALE

ACCESSIBLE PARKING AND SIGNAGE



NOTE:

SUPPLEMENTAL ACCESSIBLE SIGN (R7-8e) USED IF THERE IS ONLY ONE REQUIRED ACCESSIBLE PARKING SPACE (MUST BE VAN ACCESSIBLE) AND AT EACH ADDITIONAL REQUIRED VAN ACCESSIBLE SPACE.



LEGEND AND BORDER - GREEN BACKGROUND - WHITE

SIGN APPROVED FOR USE UNDER GENERAL STATUTE 20-37.6

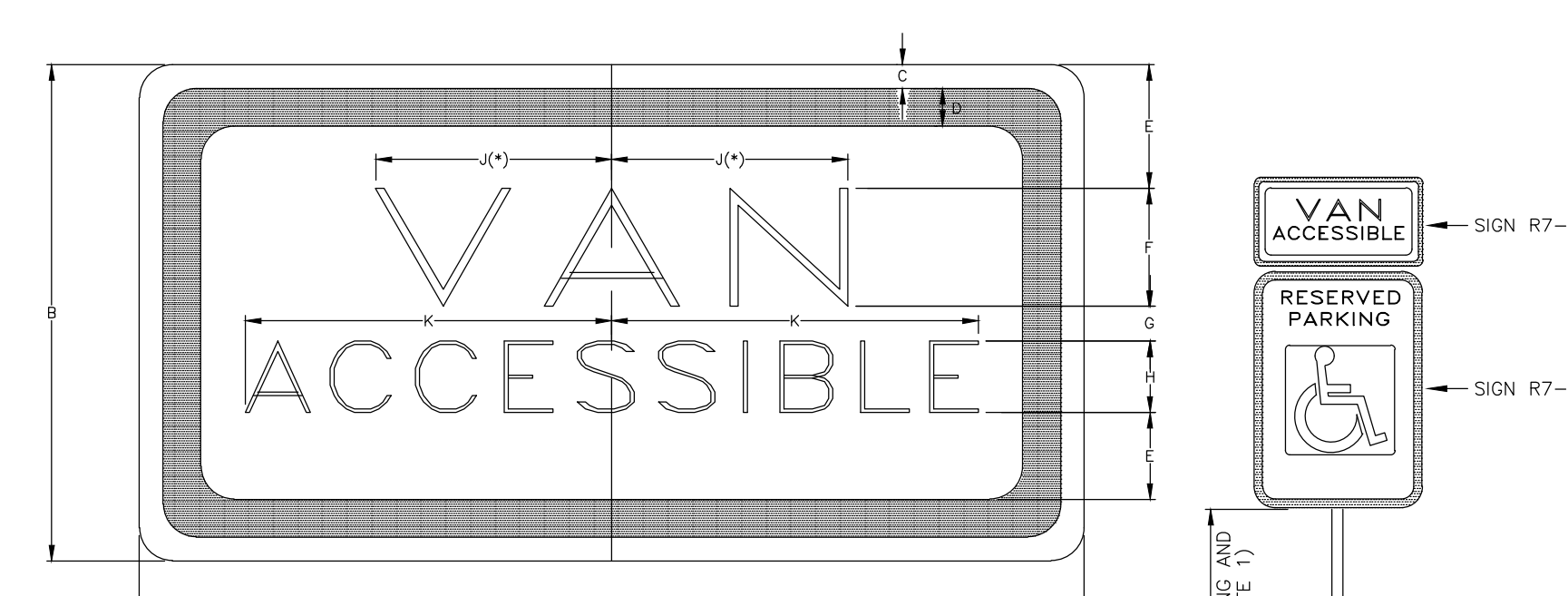
R7-8D PENALTY SIGNS ARE REQUIRED TO ACCOMPANY ALL R7-8a PARKING SIGNS ERECTED AFTER DECEMBER 31,1990

5 FT. MIN.

FINISHED GRADE

APPROVED DATE NOT TO SCALE

SUPPLEMENTAL ACCESSIBLE SIGN (R7-8D)



R7-8e DIMENSIONS (INCHES)										
A	B	C	D	E	F	G	H	J	K	L
12	6	3/8	3/8	1-1/2	1-1/2	1/2	10	2-1/2	4	1-1/2

• INCREASE SPACING 50%
D-FINRA (FEDERAL HIGHWAY ADMINISTRATION/USDOT) SERIES D LETTERS

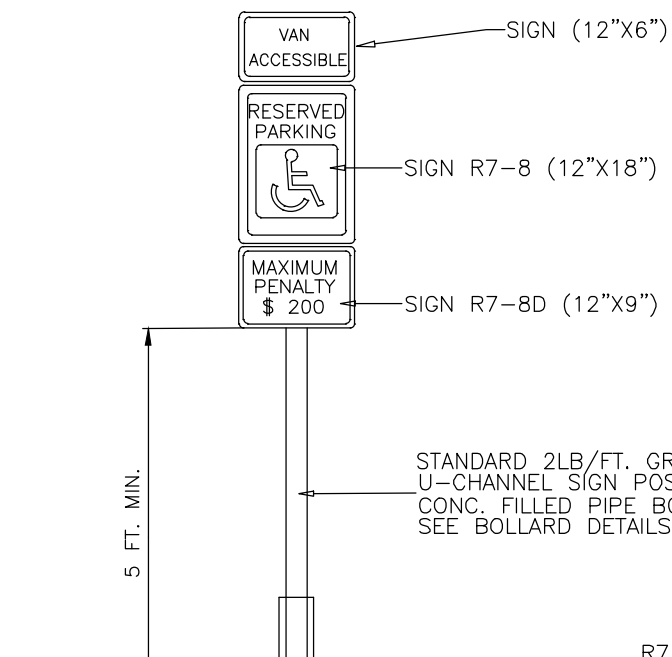
LEGEND AND BORDER - GREEN BACKGROUND - WHITE

5 FT. OR 7 FT. (SEE ACCESSIBLE PARKING AND SIGNAGE STANDARDS NOTE 1)

FINISHED GRADE

NOT TO SCALE

SUPPLEMENTAL ACCESSIBLE SIGN (R7-8E)



STANDARD 2LB/FT. GREEN STEEL U-CHANNEL SIGN POST SET INTO CONC. FILLED PIPE BOLLARD SEE BOLLARD DETAILS

R7-8D

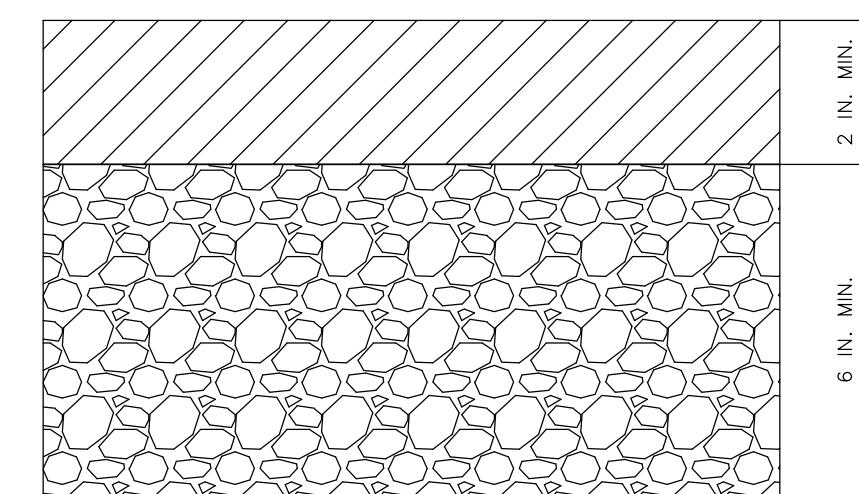
SIGN APPROVED FOR USE UNDER GENERAL STATUTE 20-37.6 R7-8D PENALTY SIGNS ARE REQUIRED TO ACCOMPANY ALL R7-8 PARKING SIGNS ERECTED AFTER DECEMBER 31,1990.

NOTES: ALL HANDICAPPED SIGNS (R7-8) SHALL BE MOUNTED AT 7 FEET FROM GRADE TO BOTTOM EDGE OF SIGN FACE (MUTCD). MOUNTING HEIGHT CAN BE REDUCED TO 5 FEET IF PLACED BETWEEN SIGN AND BUILDING FACE OR OUTSIDE OF PEDESTRIAN AREAS.

(MUTCD) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

NOT TO SCALE

ACCESSIBLE SIGN



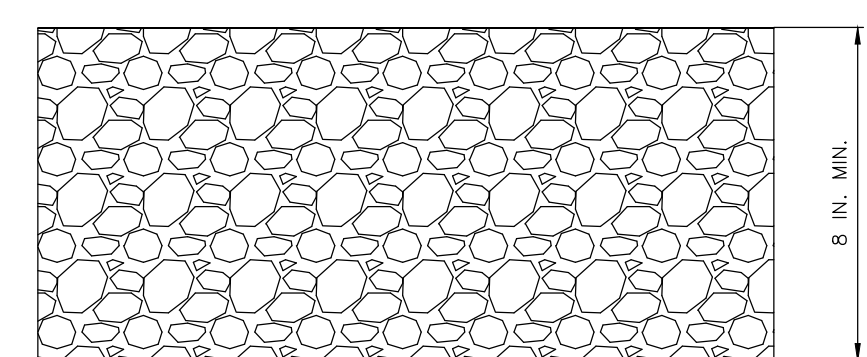
PAVEMENT TYPE	ABC BASE COURSE THICKNESS (IN.)	S9.5X ASPHALT SURFACE COURSE THICKNESS (IN.)
LIGHT DUTY	6.0	2.0

NOTES:

- ALL SUBGRADE SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST TO A DEPTH OF EIGHT (8) INCHES, AND A DENSITY OF 95% STANDARD PROCTOR FOR DEPTHS GREATER THAN EIGHT (8) INCHES.

NOT TO SCALE

ASPHALT PAVEMENT



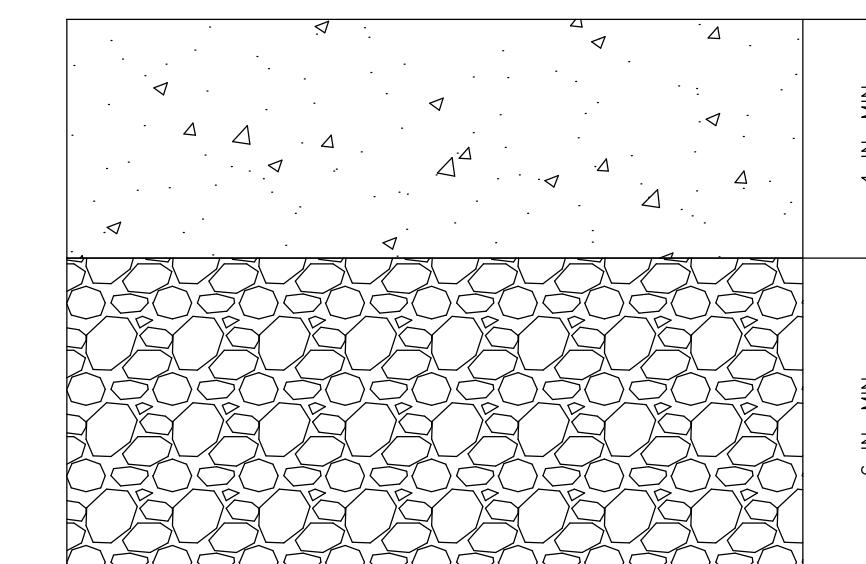
PAVEMENT TYPE	ABC BASE COURSE THICKNESS (IN.)
GRAVEL	8.0

NOTES:

- ALL SUBGRADE SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST TO A DEPTH OF EIGHT (8) INCHES, AND A DENSITY OF 95% STANDARD PROCTOR FOR DEPTHS GREATER THAN EIGHT (8) INCHES.

NOT TO SCALE

GRAVEL PAVEMENT



PAVEMENT TYPE	ABC BASE COURSE THICKNESS (IN.)	CONCRETE SURFACE COURSE THICKNESS (IN.)
CONCRETE	6.0	4.0

NOTES:

- ALL SUBGRADE SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST TO A DEPTH OF EIGHT (8) INCHES, AND A DENSITY OF 95% STANDARD PROCTOR FOR DEPTHS GREATER THAN EIGHT (8) INCHES.

NOT TO SCALE

CONCRETE PAVEMENT

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2154 N. Center Street
Suite 1005
N. Charleston, SC 29408
843-714-2040
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NO.	DATE	REVISION	BY

SITE DETAILS (1 OF 2)

OAKBROOK PRESERVE

TOWN OF SUMMERVILLE, SC

PROJECT INFORMATION	
PROJECT MANAGER:	KM
DESIGNED BY:	MW
DRAWN BY:	MW
PROJECT NUMBER:	IWS4.100
ORIGINAL DATE:	03/30/2021
SHEET:	D1.0