

Approved Construction Plan
Date: 2/18/22
2021070
SWP #: 2022012
PO, CW, ES, MB, BM

- NOTES:
- EXISTING SURVEY DATA PROVIDED BY CAPE FEAR ENGINEERING.
 - NO WETLANDS EXIST ON SITE.
 - PROPERTY IS LOCATED IN ZONE "X" ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP 3720312500K, DATED 08/28/18
 - THIS PROPERTY IS NOT AFFECTED BY AN AEC.
 - NO CONSERVATION RESOURCES EXIST ON SITE.
 - THIS PROPERTY IS NOT AFFECTED BY ANY HISTORIC OR ARCHAEOLOGICAL SITES.
 - PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, A CONSTRUCTION ENTRANCE AND SILT FENCING SHALL BE INSTALLED.
 - PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES.
 - NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
 - TREE PROTECTION SIGNAGE SHALL BE ADDED ALONG THE LIMITS OF DISTURBANCE ADJACENT TO TREES EVERY 100' TO PROTECT TREES ADJACENT TO THE CONSTRUCTION SITE.

SITE DATA	
PARCEL ID:	R05620-003-002-000
ZONING:	O&I-1
CAMA LAND USE CLASSIFICATION:	WATERSHED RESOURCE PROTECTION
PROJECT ADDRESS	1 LAME AVE. WILMINGTON, NC 28403
CURRENT OWNERS:	DONRA PET SERVICES LLC (DBA PERKINS GOODBYE HUGS PET CREMATION) P.O. BOX 12873 WILMINGTON, NC 28405
TOTAL ACREAGE IN PROJECT BOUNDARY	11,761 S.F. (0.27 ACRES)
TOTAL DISTURBED AREA:	0.32 AC.
EXISTING ONSITE IMPERVIOUS AREAS:	0.0 S.F. (SITE IS VACANT)
SOIL TYPE:	Wa (Wakulla Sand) 95.7% Kc (Kenansville Fine Sand) 4.3% (Per the USDA websoil survey map)

NOTE: THE CRITICAL ROOT ZONE (CRZ) OF A TREE IS WHERE THE MAJORITY OF A TREE'S ROOTS LAY. 85% OF MOST TREE ROOTS ARE FOUND IN THE TOP 24" OF THE SOIL AND SUPPLY THE MAJORITY OF NUTRIENTS AND WATER. GENERALLY, ROOTS SPREAD OUT 2-3X THE HEIGHT OF THE TREE.

NOTE: CROWN OF THE TREE IS NEEDED FOR LEAF GROWTH TO PROVIDE OXYGEN, FILTER THE AIR, REDUCE WIND AND SOFTEN NOISE. DO NOT DISFOUR CROWN WITH INTENSIVE PRUNING.

CRZ

DBH

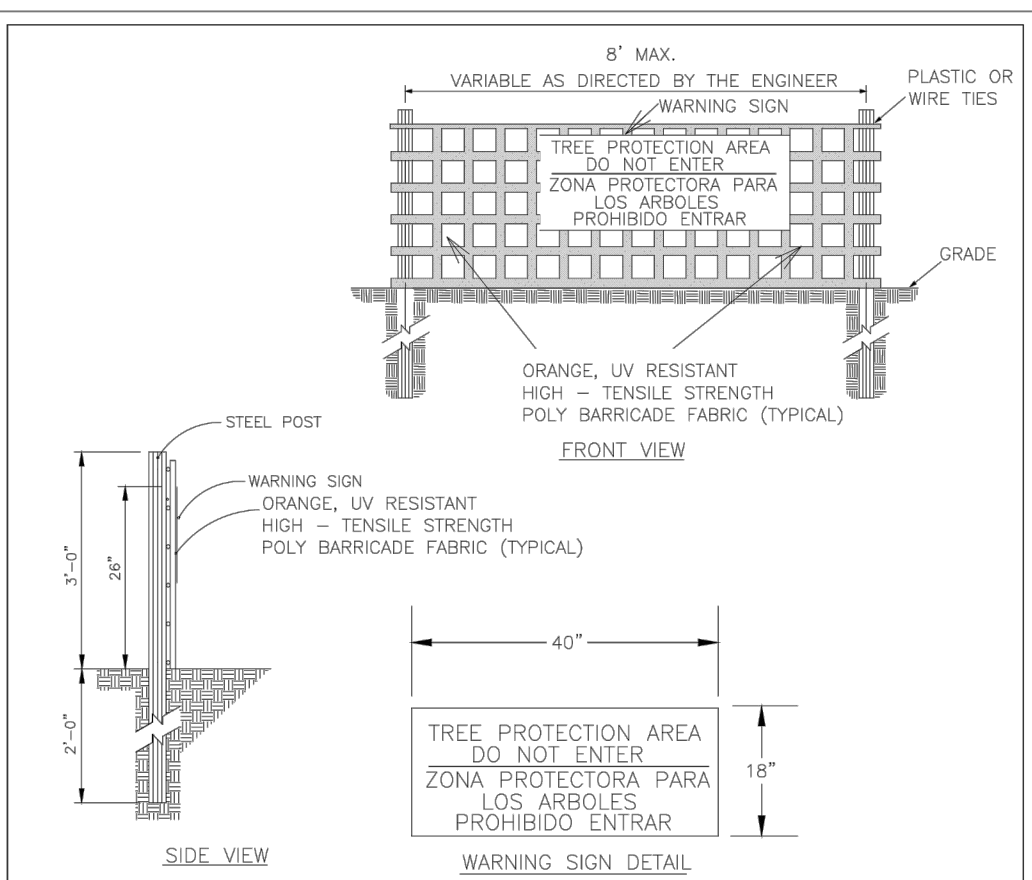
8" MAX

3" MIN

NOTES:

- PROTECT CRITICAL ROOT ZONE (CRZ) OF TREES PRIOR TO CONSTRUCTION. CLEARLY MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
- CRZ RADIUS IS 1 FT PER INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH).
- IF CONSTRUCTION OCCURS WITHIN THE CRZ, AT LEAST 12" OF MULCH AND/OR LOGGING MATS SHALL BE PLACED WHERE MACHINERY MANEUVERS TO REDUCE SOIL COMPACTION IN THIS ZONE.
- WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY.
- FOR ALL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR THE BASE OF THE TRUNK IS PROHIBITED. DO NOT COMPACT SOIL BENEATH TREES. NO VEHICLE SHALL BE ALLOWED TO PARK UNDER TREES. NO MATERIALS OR EQUIPMENT SHALL BE STORED BENEATH TREES, DAMAGING THE BARK WITH LAWNMOWERS, CONSTRUCTION EQUIPMENT, OR ANYTHING ELSE IS PROHIBITED. CONTRACTOR SHALL REPAIR DAMAGE TO TREES.
- FAILING TO INSTALL OR MAINTAIN PROTECTION MEASURES SHALL RESULT IN A STOP WORK ORDER AND FINE OF \$500/DAY. DISTURBANCE OTHER THAN THAT ALLOWED ON THE APPROVED PLAN WILL REQUIRE OWNER TO POST A LETTER OF CREDIT FOR 3 YRS FOR TREE MITIGATION.

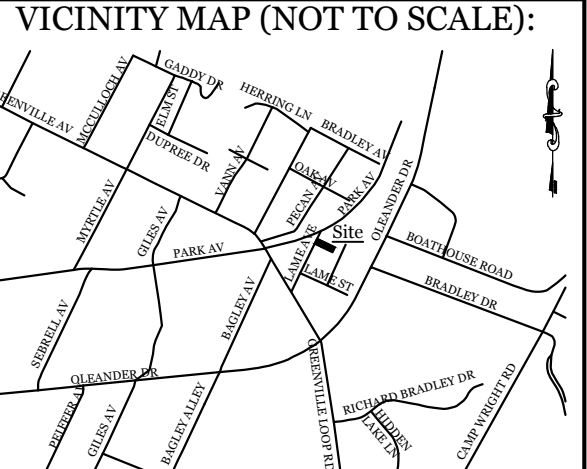
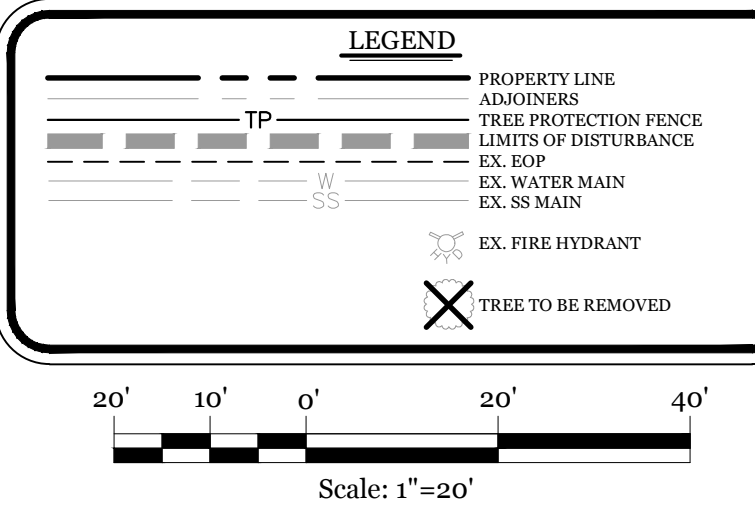
DATE: JAN. 2015	DRAWN BY: JSR	CHECKED BY: RDL/PE	SCALE: NOT TO SCALE
STANDARD DETAIL			
TREE PROTECTION DURING CONSTRUCTION			
SHEET 1 of 2			



NOTES:

- THE TREE PROTECTION FENCING SHALL NOT BE VIOLATED FOR THE ENTIRE DURATION OF THE PROJECT WITHOUT APPROVAL FROM URBAN FORESTRY STAFF.
- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL. LETTERS TO BE 3" HIGH, MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER THEREAFTER. FOR TREE PROTECTION AREAS LESS THAN 100' IN PERIMETER, PROVIDE NO LESS THAN TWO SIGNS PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC. MAINTAIN TREE PROTECTION FENCE AND SIGNS THROUGHOUT DURATION OF PROJECT.
- TREE PROTECTION FENCING AND SIGNAGE SHALL BE REMOVED AFTER CONSTRUCTION. ADDITIONAL SIGNS MAY BE REQUIRED BY CITY OF WILMINGTON, BASED ON ACTUAL FIELD CONDITIONS.

DATE: JAN. 2015	DRAWN BY: JSR	CHECKED BY: RDL/PE	SCALE: NOT TO SCALE
STANDARD DETAIL			
TREE PROTECTION DURING CONSTRUCTION			
SHEET 2 of 2			

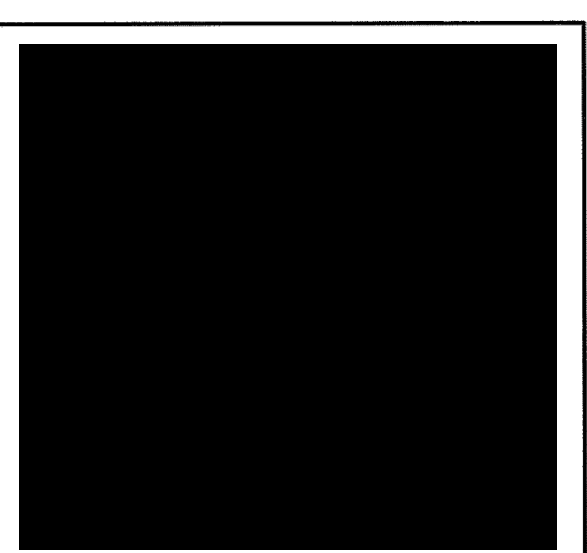


REVISIONS	

INTRACOASTAL ENGINEERING, PLLC

5725 Oleander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Email: Charlie@intracoastalengineering.com
License Number P-0662

EXISTING CONDITIONS,
TREE REMOVAL &
PROTECTION PLAN
FOR
PERKINS GOODBYE HUGS
PET CREMATION
WILMINGTON, NORTH CAROLINA



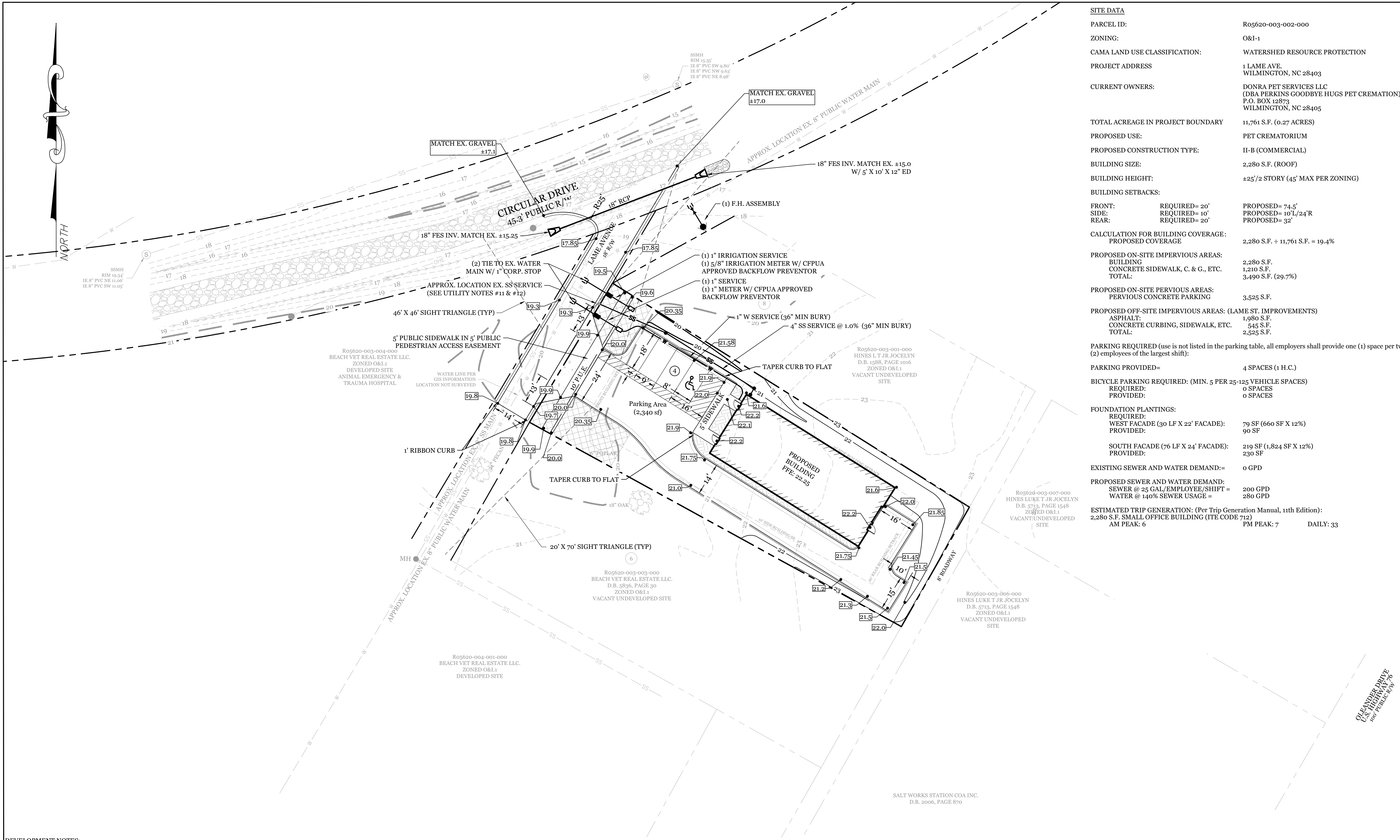
CLIENT INFORMATION:

DONRA PET SERVICES, LLC
P.O. BOX 12873
WILMINGTON, NC 28405

DRAWN: JAE	SHEET SIZE: 24 X 36
CHECKED: CDC	DATE: 2/17/2022
APPROVED: CDC	SCALE: 1" = 20'
PROJECT NUMBER: 2021-038	

DRAWING NUMBER: C-0

1 OF 5



DEVELOPMENT NOTES:

- ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH CITY OF WILMINGTON ZONING ORDINANCE.
- PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & CITY OF WILMINGTON REGULATIONS.
- ROOF DRAINS TO BE DISCONNECTED AND DIRECTED TO GRASSED AREA AT SIDE OF BUILDING.
- CITY OF WILMINGTON STAFF HAVE DETERMINED THAT THIS TREE IS NOT IN GOOD HEALTH AND THE CRZ DISTURBANCE IS NOT APPLICABLE.

FIRE & SAFETY NOTES:

- CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE.
- LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE FDC'S OR FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL ALWAYS BE MAINTAINED AROUND THE CIRCUMFERENCE OF HYDRANTS AND FDC'S.
- ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
- CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY FOR ALL COMMERCIAL BUILDINGS THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SECTION 510 OF THE 2018 NC FIRE CODE.

GENERAL TRAFFIC NOTES:

- ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS OFF THE R/W TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS. [DETAIL SD 15-13 & SD 11-3 COFW TECH STD'S]
- ALL SIGNS AND PAVEMENT MARKINGS OFF RIGHT OF WAY ARE TO MEET/BE MAINTAINED TO MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS. [DETAIL SD 15-13 & SD 11-3 COFW TECH STD'S]
- A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. NOTE THIS ON THE PLAN AND CONTACT 341-5899 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
- ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
- CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN ROW.
- ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30" TO 10'.
- STREET TREES MUST BE LOCATED A MINIMUM OF 15 FEET FROM STREET LIGHTS. [COFW SD 15-17]
- A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. NOTE THIS ON THE PLAN AND CONTACT 341-5899 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.

UTILITY NOTES:

- EXISTING WATER AND SANITARY SEWER SERVICES ARE CURRENTLY AVAILABLE TO THE SITE FROM CAPE FEAR PUBLIC UTILITY AUTHORITY PUBLIC MAINS.
- ALL PROPOSED UTILITY SERVICES, SUCH AS ELECTRIC POWER, CATV, GAS & TELEPHONE SHALL BE INSTALLED UNDERGROUND.
- ALL WATER & SEWER UTILITIES TO BE INSTALLED PER CFPWA TECHNICAL SPECIFICATIONS & STANDARDS.
- ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCOCHR OR ASE.
- IF CONTRACTOR DESIRES CFPWA WATER FOR CONSTRUCTION, HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
- WHEN PVC WATER MAINS AND SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED, SINGLE-STRAND COPPER WIRE INSTALLED & STRAPPED TO THE PIPES WITH DUCT TAPE. THIS IS TO BE ACCESSIBLE IN ALL VALVES AND METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. CALL NC811 AT 811 OR 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.
- THE PROCESS FOR TELEPHONE CABLE PLACEMENT: * FINAL GRADE WILL NEED TO BE ESTABLISHED. * POWER WILL PLACE THEIR CABLE FIRST - APPROXIMATELY 3' DEEP. * TELEPHONE & CABLE TV WILL THEN PLACE THEIR CABLE AT APPROXIMATELY 2' DEEP.
- SOLID WASTE DISPOSAL BY ROLL OUT CARTS.
- 3' SEPARATION REQUIRED BETWEEN ALL JOINTS, FITTINGS AND SERVICE SADDLES.
- 4" SEWER SERVICE (SIZE IS ASSUMED) SHALL BE UTILIZED. IF EXISTING SERVICE IS FOUND TO BE INADEQUATE, CONTRACTOR TO PROVIDE NEW SERVICE PER CFPWA SPECIFICATIONS AND DETAILS.
- SHOULD ADDITIONAL SERVICES BE LOCATED DURING CONSTRUCTION, THEY MUST EITHER BE UTILIZED OR ABANDONED.
- NO FORMAL SITE LIGHTING IS PROPOSED. THERE MAY BE SOME SMALL LIGHTS INSTALLED ON THE BUILDING ITSELF.

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Date: 2/18/22
2021070
SWP #: 2022012
PO, CW, ES, MB, BM

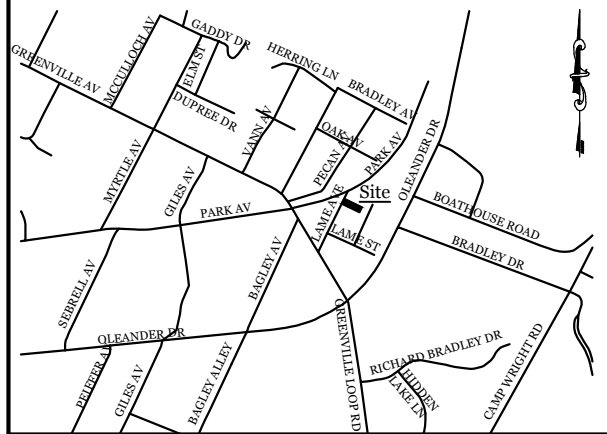
LEGEND

- PROPERTY LINE
- EASEMENT
- CENTER LINE
- EXISTING WATERLINE
- EXISTING SANITARY SEWER LINE
- RUNOFF FLOW DIRECTION
- SPOT ELEVATION
- FOUNDATION PLANTINGS
- STREETYARD LANDSCAPING

Scale: 1"=20'

SITE DATA		
PARCEL ID:	R05620-003-002-000	
ZONING:	O&I-1	
CAMA LAND USE CLASSIFICATION:	WATERSHED RESOURCE PROTECTION	
PROJECT ADDRESS	1 LAME AVE. WILMINGTON, NC 28403	
CURRENT OWNERS:	DONRA PET SERVICES LLC (DBA PERKINS GOODBYE HUGS PET CREMATION) P.O. BOX 12873 WILMINGTON, NC 28405	
TOTAL ACREAGE IN PROJECT BOUNDARY	11,761 S.F. (0.27 ACRES)	
PROPOSED USE:	PET CREMATORIUM	
PROPOSED CONSTRUCTION TYPE:	II-B (COMMERCIAL)	
BUILDING SIZE:	2,280 S.F. (ROOF)	
BUILDING HEIGHT:	±25'/2 STORY (45' MAX PER ZONING)	
BUILDING SETBACKS:		
FRONT:	REQUIRED= 20'	PROPOSED= 74.5'
SIDE:	REQUIRED= 10'	PROPOSED= 10'L/24'R
REAR:	REQUIRED= 20'	PROPOSED= 32'
CALCULATION FOR BUILDING COVERAGE:		
PROPOSED COVERAGE	2,280 S.F. ÷ 11,761 S.F. = 19.4%	
PROPOSED ON-SITE IMPERVIOUS AREAS:		
BUILDING	2,280 S.F.	
CONCRETE SIDEWALK, C. & G., ETC.	1,210 S.F.	
TOTAL:	3,490 S.F. (29.7%)	
PROPOSED ON-SITE PERVIOUS AREAS:		
PERVIOUS CONCRETE PARKING	3,525 S.F.	
PROPOSED OFF-SITE IMPERVIOUS AREAS: (LAME ST. IMPROVEMENTS)		
ASPHALT:	1,980 S.F.	
CONCRETE CURBING, SIDEWALK, ETC.	545 S.F.	
TOTAL:	2,525 S.F.	
PARKING REQUIRED (use is not listed in the parking table, all employers shall provide one (1) space per two (2) employees of the largest shift):		
PARKING PROVIDED=	4 SPACES (1 H.C.)	
BICYCLE PARKING REQUIRED: (MIN. 5 PER 25-125 VEHICLE SPACES)		
REQUIRED:	0 SPACES	
PROVIDED:	0 SPACES	
FOUNDATION PLANTINGS:		
REQUIRED:		
WEST FACADE (30 LF X 22' FACADE):	79 SF (660 SF X 12%)	
PROVIDED:	90 SF	
SOUTH FACADE (76 LF X 24' FACADE):	219 SF (1,824 SF X 12%)	
PROVIDED:	230 SF	
EXISTING SEWER AND WATER DEMAND:=	0 GPD	
PROPOSED SEWER AND WATER DEMAND:		
SEWER @ 25 GAL/EMPLOYEE/SHIFT =	200 GPD	
WATER @ 140% SEWER USAGE =	280 GPD	
ESTIMATED TRIP GENERATION: (Per Trip Generation Manual, 11th Edition):		
2,280 S.F. SMALL OFFICE BUILDING (ITE CODE 712)	AM PEAK: 6	PM PEAK: 7 DAILY: 33

VICINITY MAP (NOT TO SCALE):

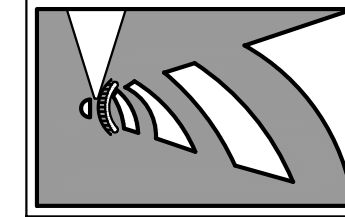


REVISIONS

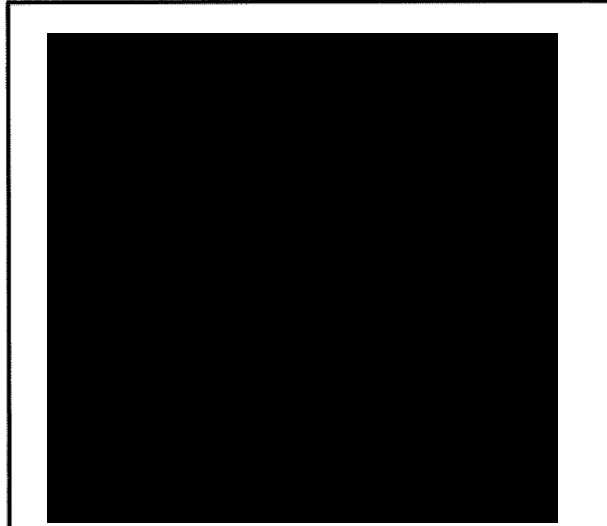
NO.	DESCRIPTION	DATE

INTRACOASTAL
ENGINEERING, PLLC

5725 Oleander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Email: charlie@intracoastalengineering.com
License Number P-0662

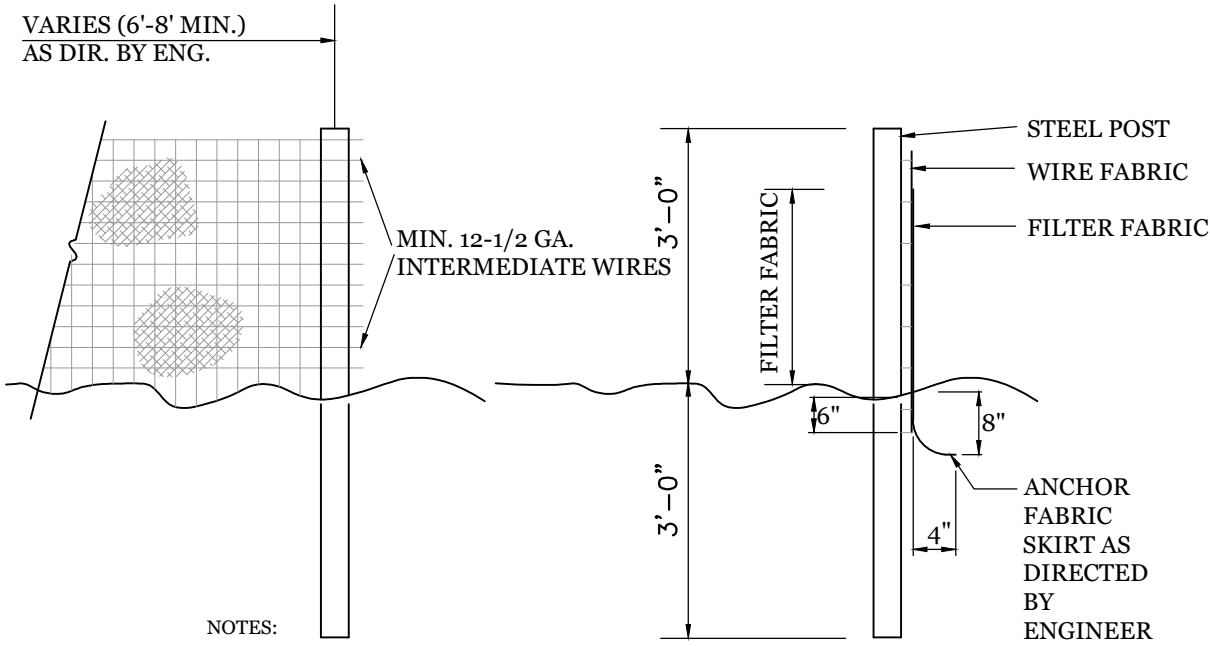


SITE, GRADING, DRAINAGE,
& UTILITIES PLAN
FOR
PERKINS GOODBYE HUGS
PET CREMATION
WILMINGTON, NORTH CAROLINA



CLIENT INFORMATION:
DONRA PET SERVICES, LLC
P.O. BOX 12873
WILMINGTON, NC 28405

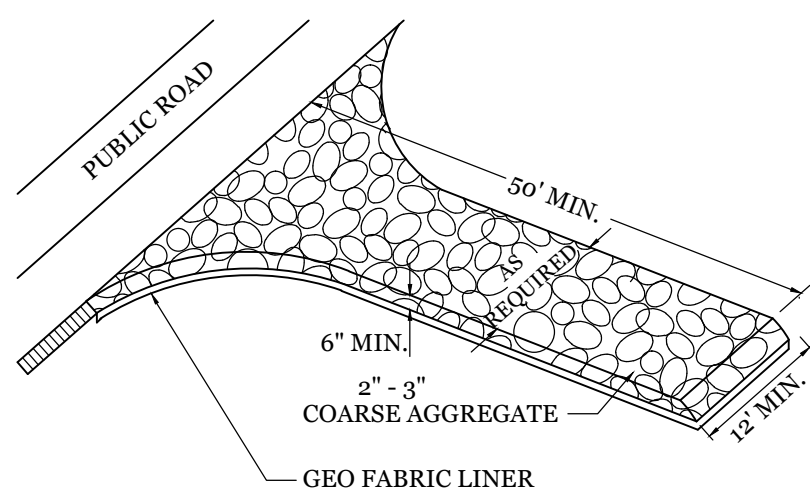
DRAWN:	JAE	SHEET SIZE:	24 X 36
CHECKED:	CDC	DATE:	2/17/2022
APPROVED:	CDC	SCALE:	1" = 20'
PROJECT NUMBER:	2021-038		



- NOTES:
1. FENCE FABRIC SHALL BE A MIN. OF 32" IN WIDTH AND SHALL HAVE A MIN. OF SIX LINE WIRES WITH 12" STAY SPACING.
 2. FABRIC SHALL BE FOR EROSION CONTROL AND MIN. OF 36" IN WIDTH. FABRIC SHALL BE FASTENED ADJACENTLY TO THE WIRE FABRIC AS DIRECTED BY THE ENGINEER.
 3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE.

TEMPORARY SILT FENCE

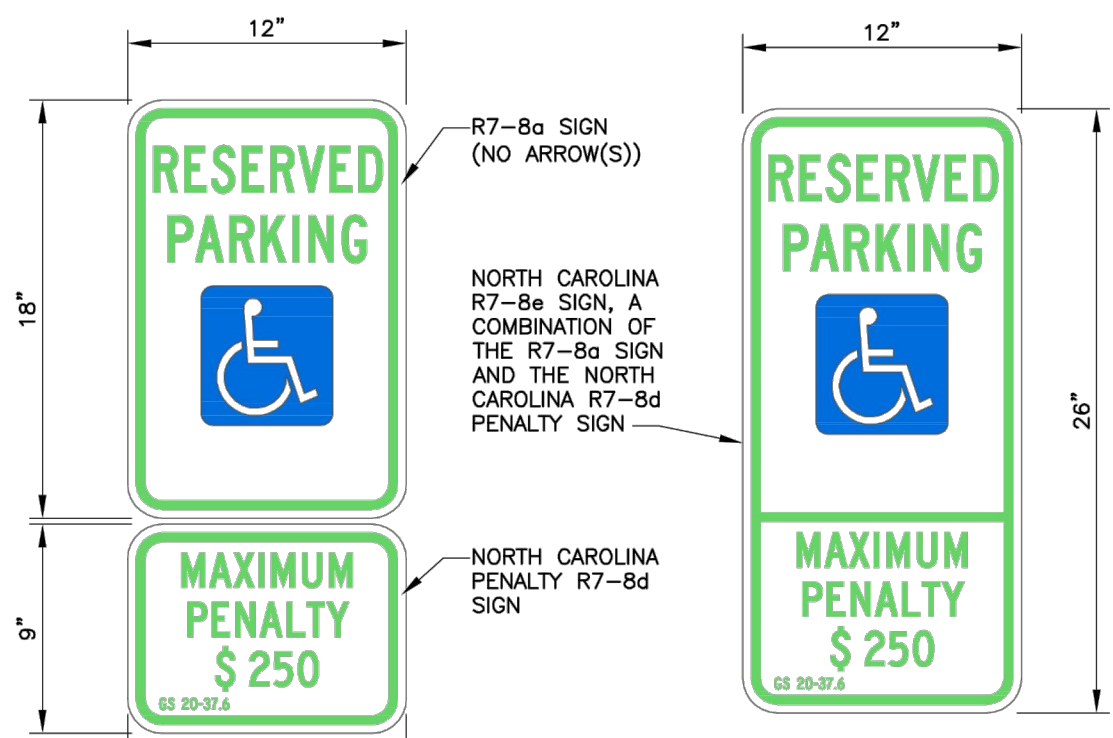
NTS



NOTE:
CONSTRUCTION ENTRANCE TO BE 12' OR ENTIRE WIDTH OF ENTRANCE, WHICHEVER IS GREATER.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NTS



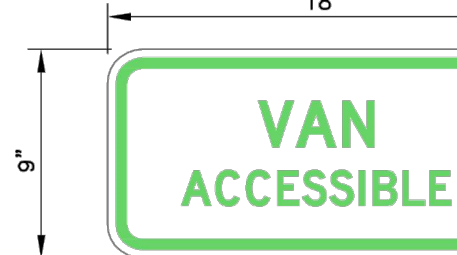
R7-8a SIGN
(NO ARROW(S))

NORTH CAROLINA
R7-8a SIGN, A
COMBINATION OF
THE R7-8a SIGN
AND THE NORTH
CAROLINA R7-8d
PENALTY SIGN

R7-8e
SIGNAGE
FIGURE A1.2

NORTH CAROLINA
PENALTY R7-8d
SIGN

EITHER THE COMBINATION OF
THE R7-8a AND R7-8d
SIGNS OR THE R7-8e SIGN
CAN BE USED.

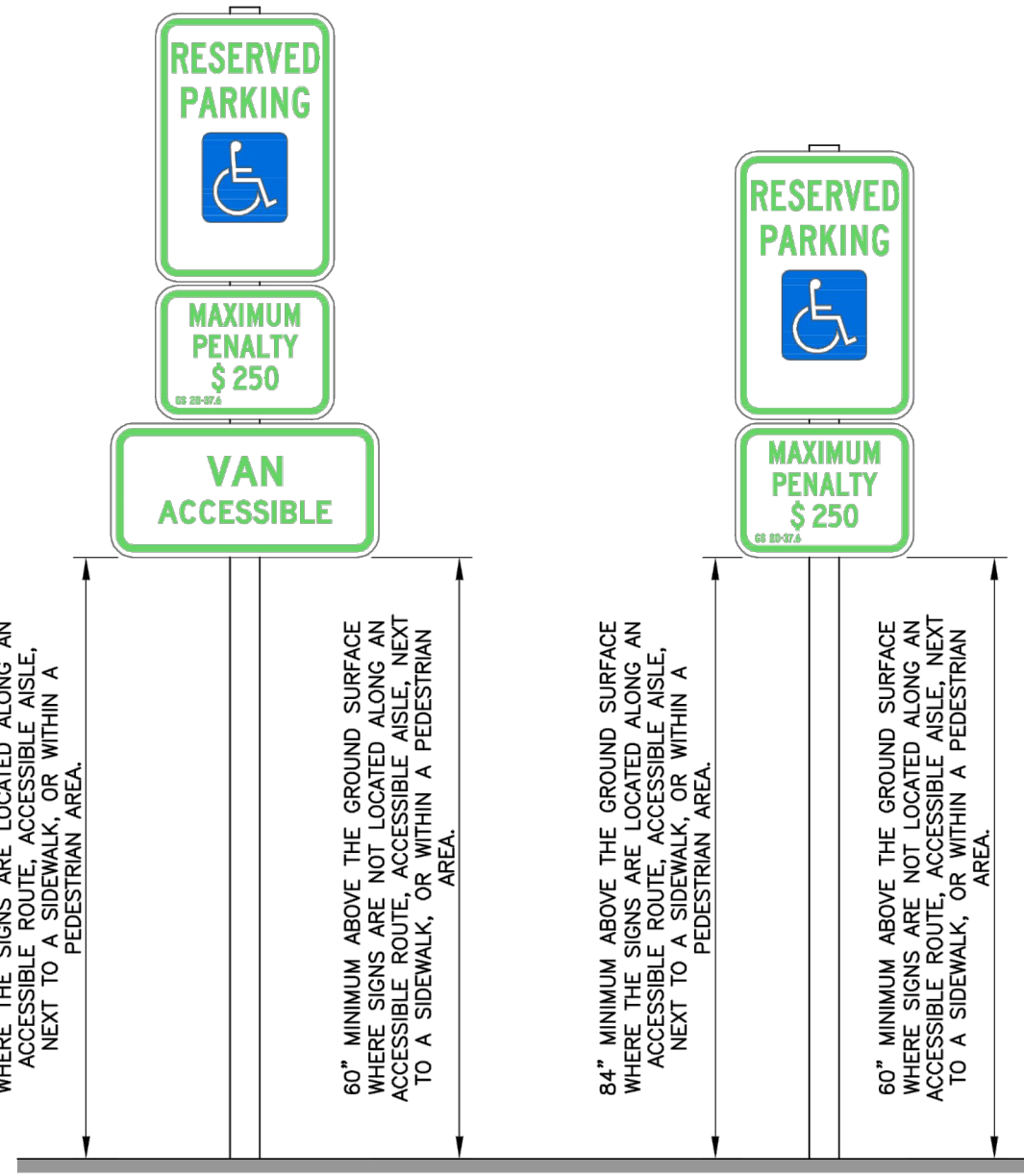


- FOR DESIGN OF ACCESSIBLE SIGNS, SEE THE FOLLOWING:
- 2009 MUTCD OR LATEST EDITION.
 - 2004 EDITION OF THE STANDARD HIGHWAY SIGNS AND THE 2012 SUPPLEMENT OR LATEST EDITION.
 - NORTH CAROLINA 2009 SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR LATEST EDITION
 - NCDOT DRAWING H-1-5 FOR SIGNS SP00075, SP00076, AND SP00077.

WHERE VAN ACCESSIBLE PARKING IS PROVIDED, THE VAN ACCESSIBLE (R7-8P) SIGN SHALL BE MOUNTED BELOW THE OTHER ACCESSIBLE PARKING SIGNS. (2009 EDITION MUTCD SECTION 2B.47)

Signage
Figure A1.3

DATE:	NOVEMBER 8, 2016
DRAWN BY:	DALE THOMPSON
CHECKED BY:	RANDALL GLAZIER
SCALE:	NOT TO SCALE



84" MINIMUM ABOVE THE GROUND SURFACE WHERE THE SIGNS ARE LOCATED ALONG AN ACCESSIBLE ROUTE, ACCESSIBLE ASIDEWALK, OR WITHIN A PEDESTRIAN AREA.

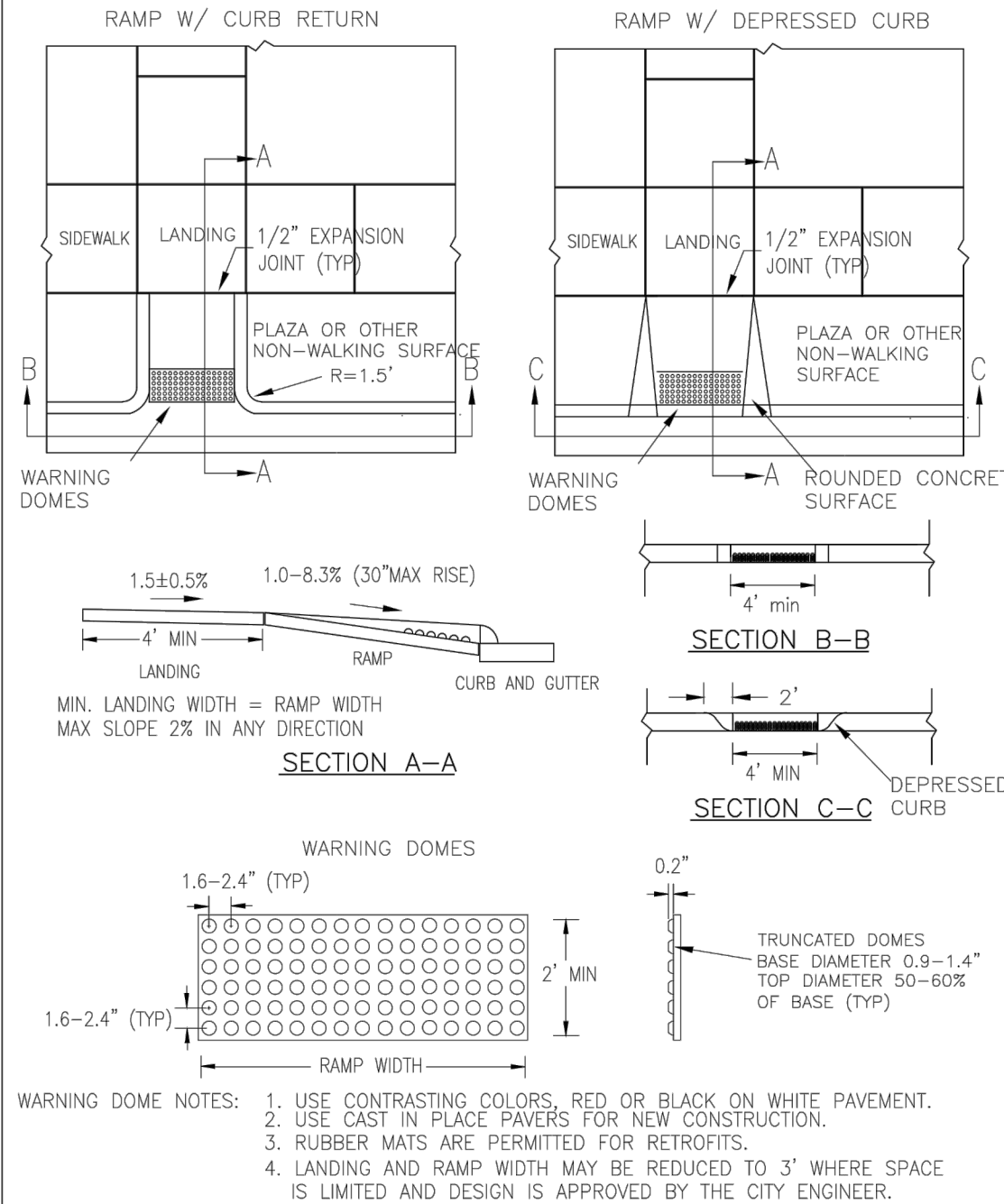
80" MINIMUM ABOVE THE GROUND SURFACE WHERE THE SIGNS ARE LOCATED ALONG AN ACCESSIBLE ROUTE, ACCESSIBLE ASIDEWALK, OR WITHIN A PEDESTRIAN AREA.

84" MINIMUM ABOVE THE GROUND SURFACE WHERE THE SIGNS ARE LOCATED ALONG AN ACCESSIBLE ROUTE, ACCESSIBLE ASIDEWALK, OR WITHIN A PEDESTRIAN AREA.

80" MINIMUM ABOVE THE GROUND SURFACE WHERE THE SIGNS ARE LOCATED ALONG AN ACCESSIBLE ROUTE, ACCESSIBLE ASIDEWALK, OR WITHIN A PEDESTRIAN AREA.

Signage Height
Figure A2.1

DATE:	NOVEMBER 8, 2016
DRAWN BY:	DALE THOMPSON
CHECKED BY:	RANDALL GLAZIER
SCALE:	NOT TO SCALE



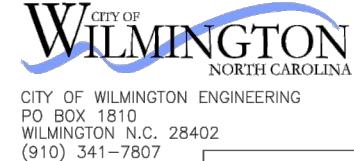
MIN. LANDING WIDTH = RAMP WIDTH
MAX SLOPE 2% IN ANY DIRECTION

WARNING DOMES
1.6'-2.4" (TYP)
2' MIN

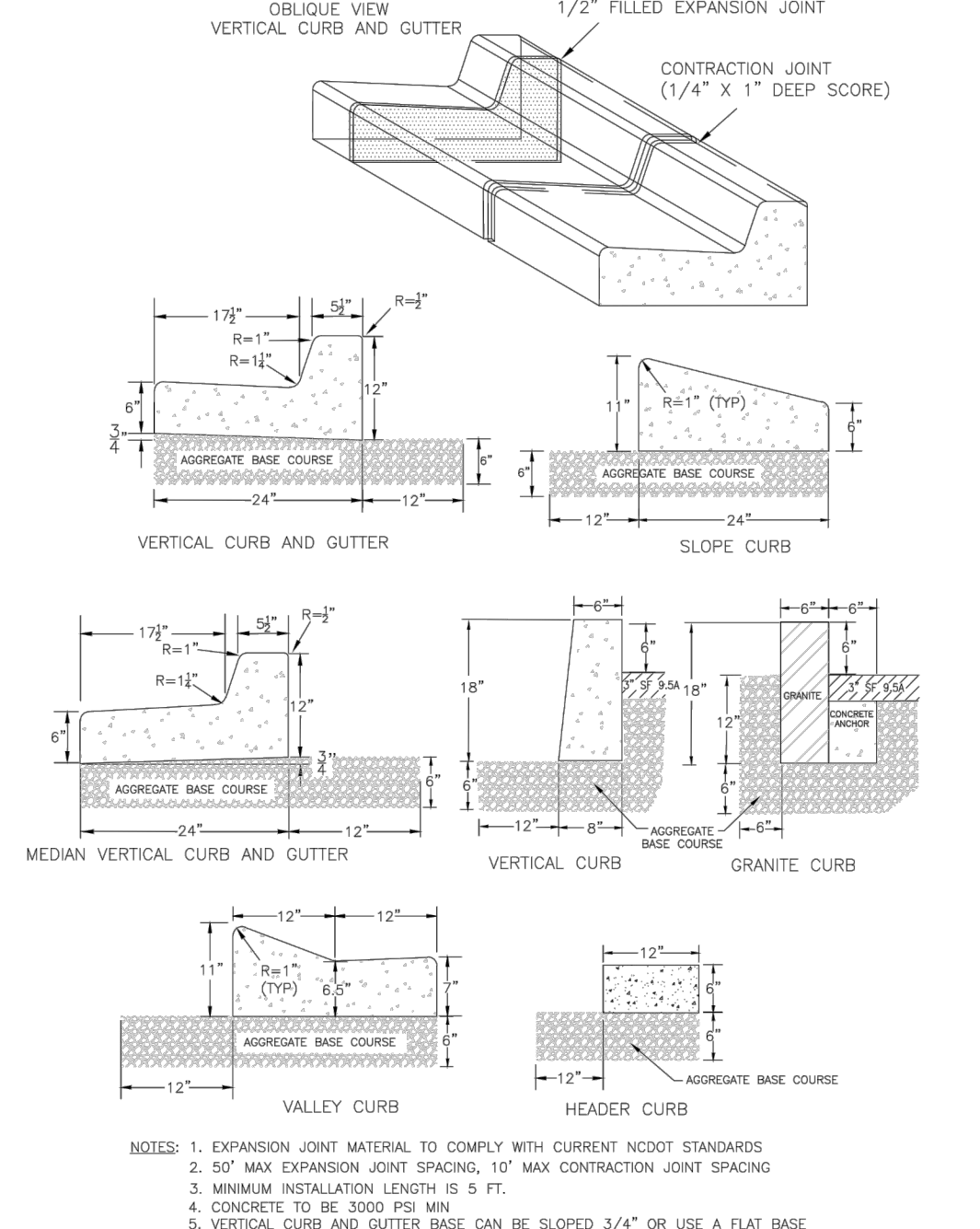
- WARNING DOME NOTES:
1. USE CONTRASTING COLORS, RED OR BLACK ON WHITE PAVEMENT.
 2. USE CAST IN PLACE PAVERS FOR NEW CONSTRUCTION.
 3. RUBBER MATS ARE PERMITTED FOR RETROFITS.
 4. LANDING AND RAMP WIDTH MAY BE REDUCED TO 3' WHERE SPACE IS LIMITED AND DESIGN IS APPROVED BY THE CITY ENGINEER.

DATE:	DECEMBER, 2010
DRAWN:	PF/JSR
CHECKED:	DEC
SCALE:	NOT TO SCALE

PERPENDICULAR CURB RAMP ADJACENT TO PLAZA



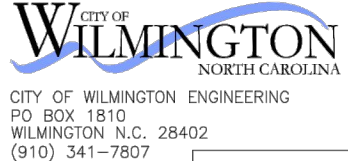
SD3-08



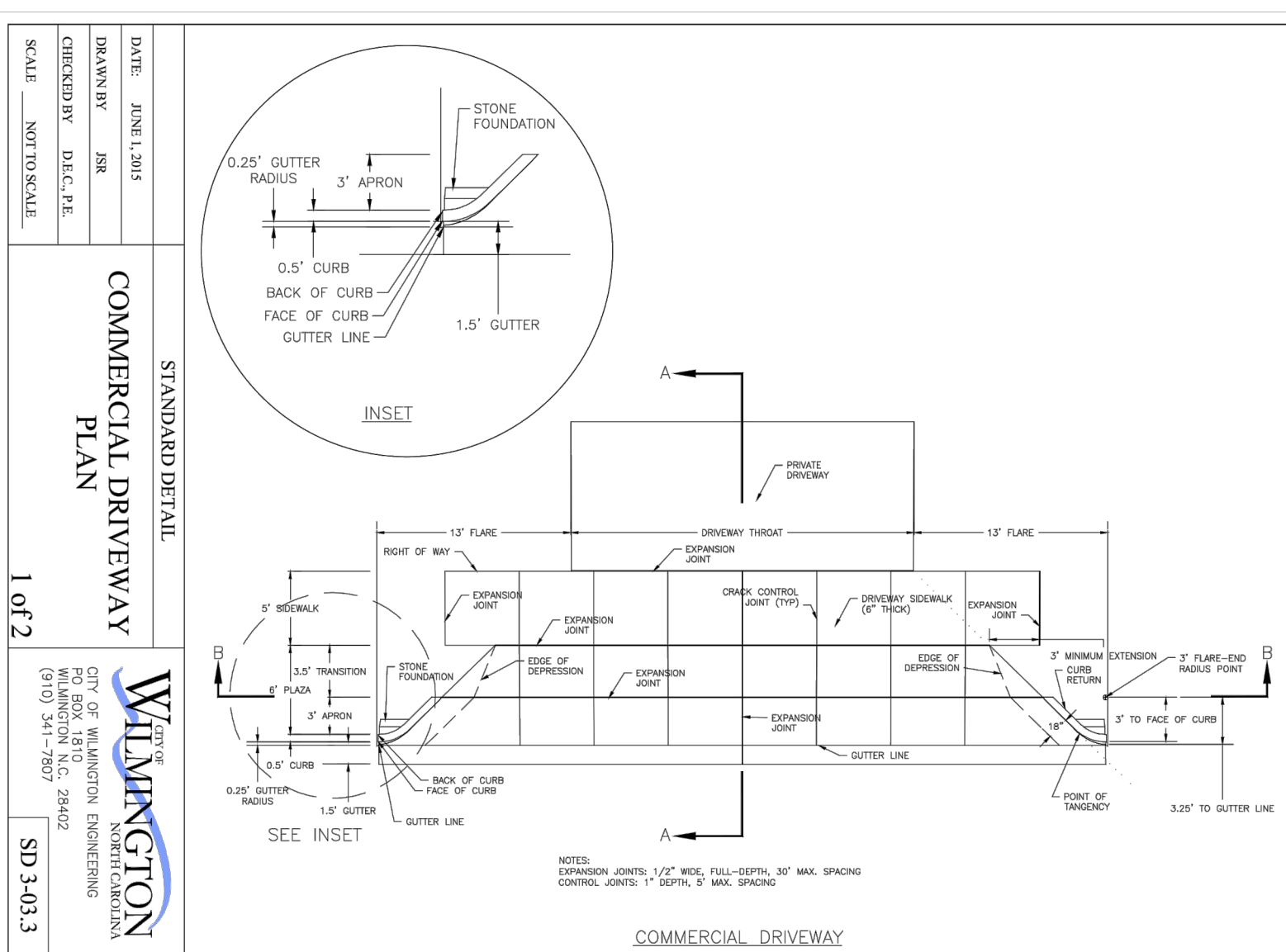
- NOTES:
1. EXPANSION JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS
 2. 50' MAX EXPANSION JOINT SPACING, 10' MAX CONTRACTION JOINT SPACING
 3. MINIMUM INSTALLATION LENGTH IS 5 FT.
 4. CONCRETE TO BE 3000 PSI MIN
 5. VERTICAL CURB AND GUTTER BASE CAN BE SLOPED 3/4" OR USE A FLAT BASE

DATE:	AUGUST, 2011
DRAWN:	PF/JSR
CHECKED:	DEC
SCALE:	NOT TO SCALE

CURBING



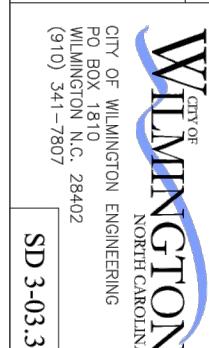
SD3-11



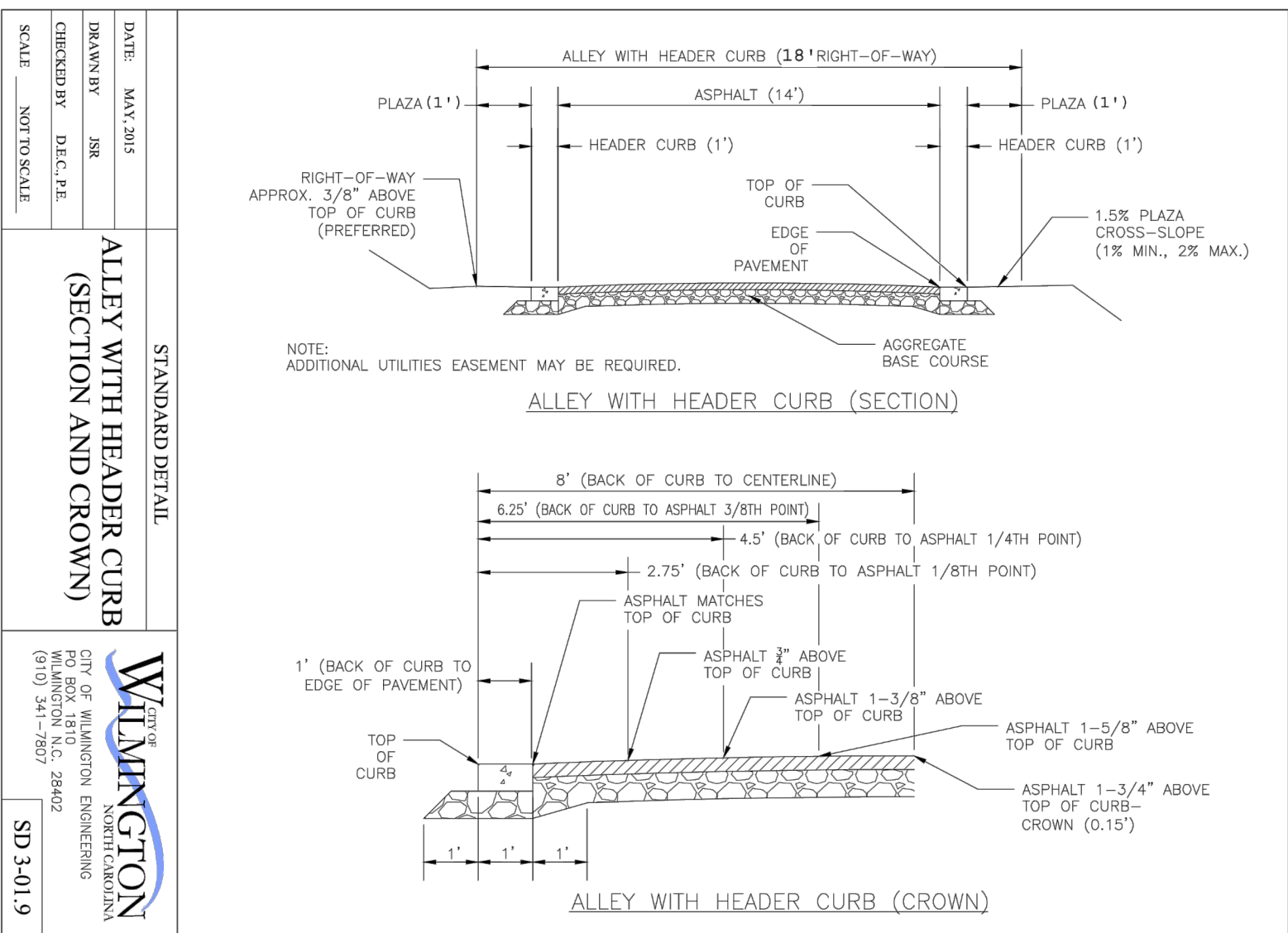
DATE: JUNE 1, 2015
DRAWN BY: JSR
CHECKED BY: DEC, J.E.
SCALE: NOT TO SCALE

COMMERCIAL DRIVEWAY PLAN

1 OF 2



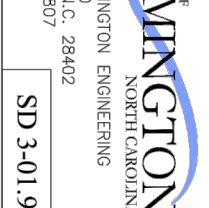
SD 3-10.3



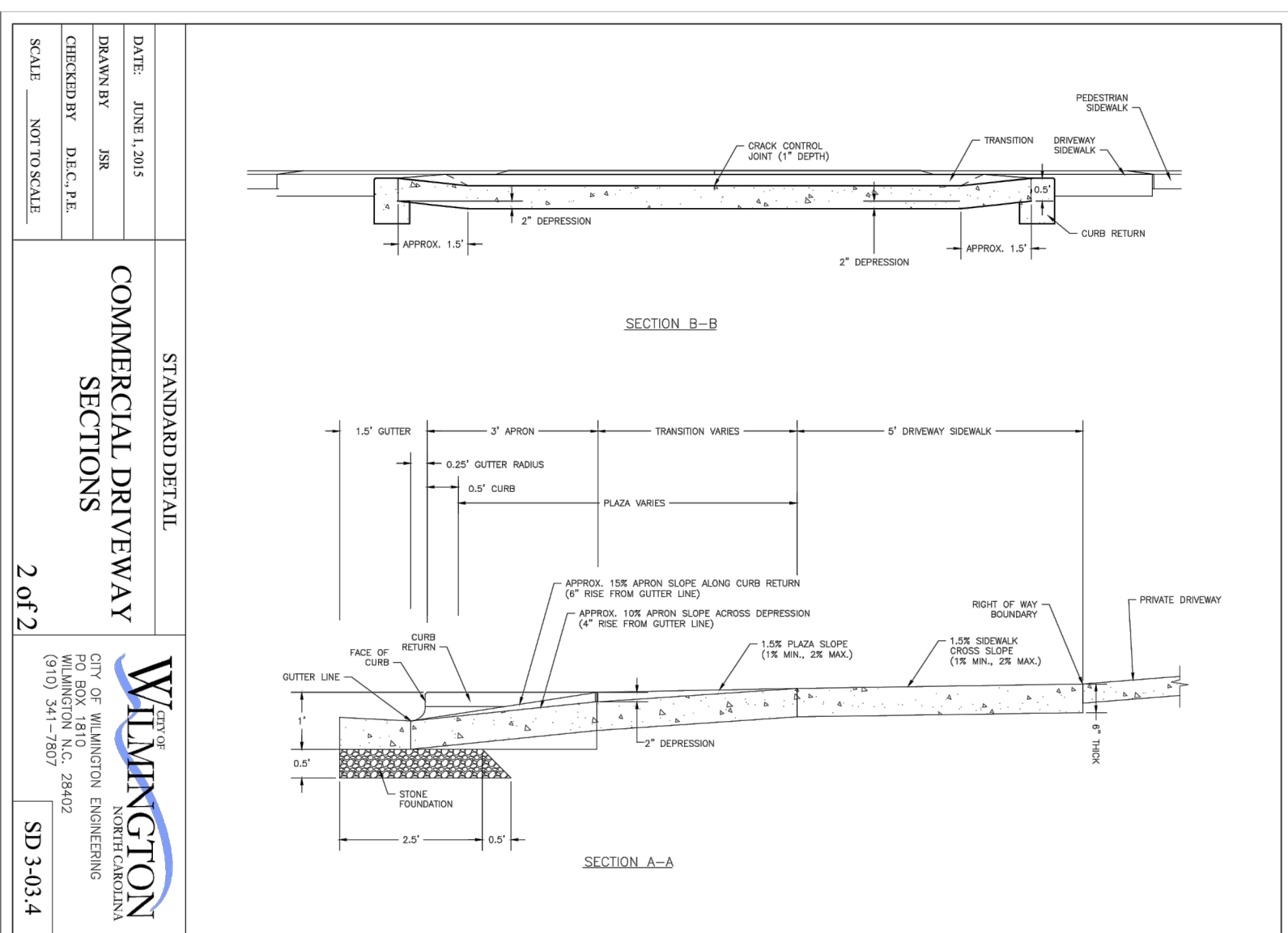
DATE: MAY, 2015
DRAWN BY: JSR
CHECKED BY: DEC, J.E.
SCALE: NOT TO SCALE

ALLEY WITH HEADER CURB (SECTION AND CROWN)

1 OF 2



SD 3-10.19



DATE: JUNE 1, 2015
DRAWN BY: JSR
CHECKED BY: DEC, J.E.
SCALE: NOT TO SCALE

COMMERCIAL DRIVEWAY SECTIONS

2 OF 2



SD 3-10.4

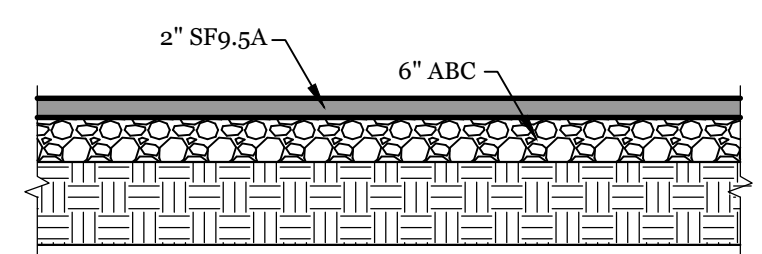
Approved Construction Plan

Date: 2/18/22

2021070

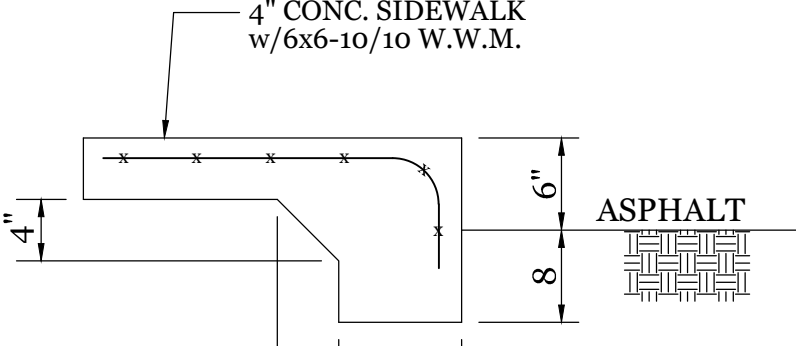
SWP #: 2022012

PO, CW, ES, MB, BM



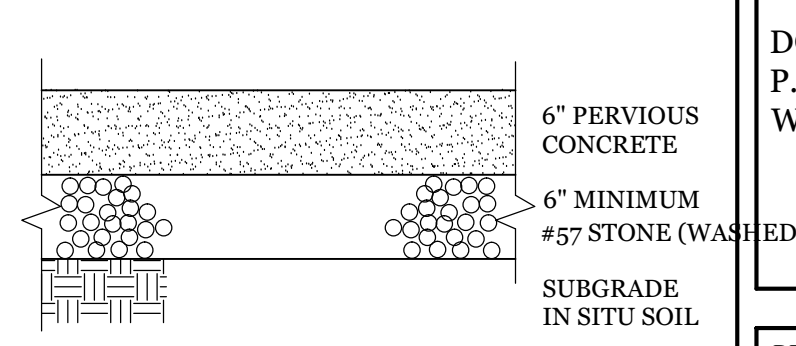
LAME AVE. ASPHALT SECTION

NTS



TURNDOWN SIDEWALK

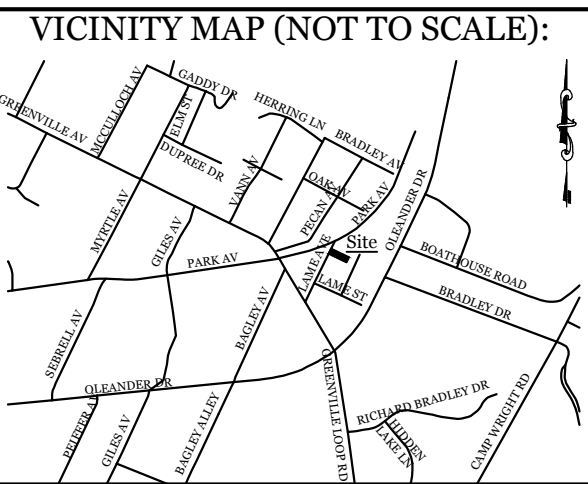
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PERVIOUS CONCRETE SECTION

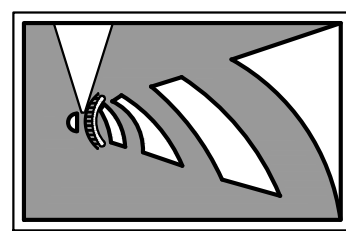
NTS

NOTE: SUBGRADE MUST BE EITHER SCARIFIED, RIPPED, OR TRENCHED TO MAINTAIN THE PRE-CONSTRUCTION SUBGRADE INFILTRATION RATE.



REVISIONS

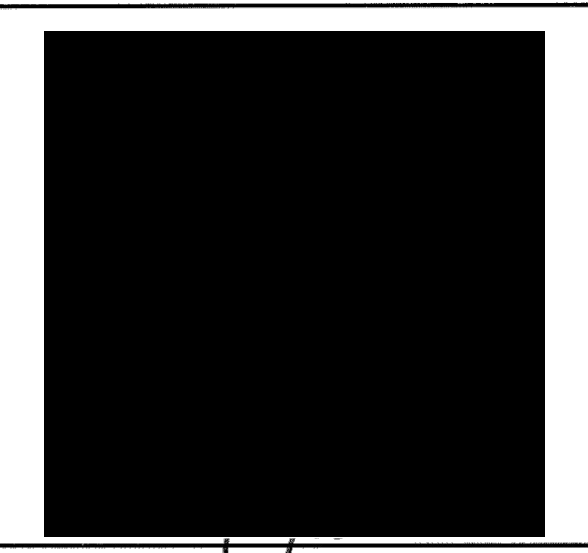
INTRACOASTAL ENGINEERING, PLLC



5725 Oleander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Email: charlie@intracoastalengineering.com
License Number P-0662

DETAILS

FOR
**PERKINS GOODBYE HUGGS
PET CREMATION**
WILMINGTON, NORTH CAROLINA



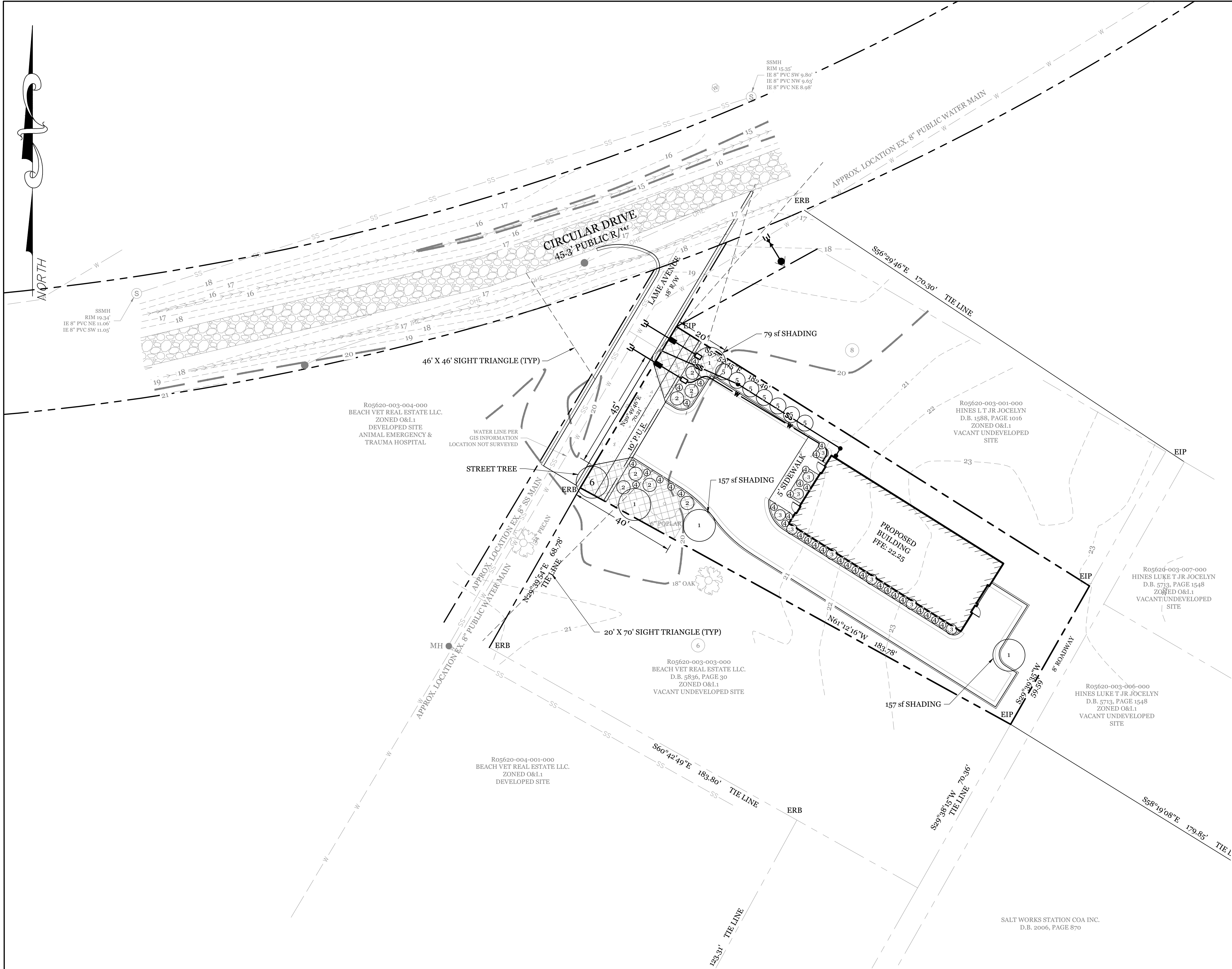
CLIENT INFORMATION:

DONRA PET SERVICES, LLC
P.O. BOX 12873
WILMINGTON, NC 28405

DRAWN:	JAE	SHEET SIZE:	24 X 36
CHECKED:	CDC	DATE:	2/17/2022
APPROVED:	CDC	SCALE:	NTS
PROJECT NUMBER:	2021-038		

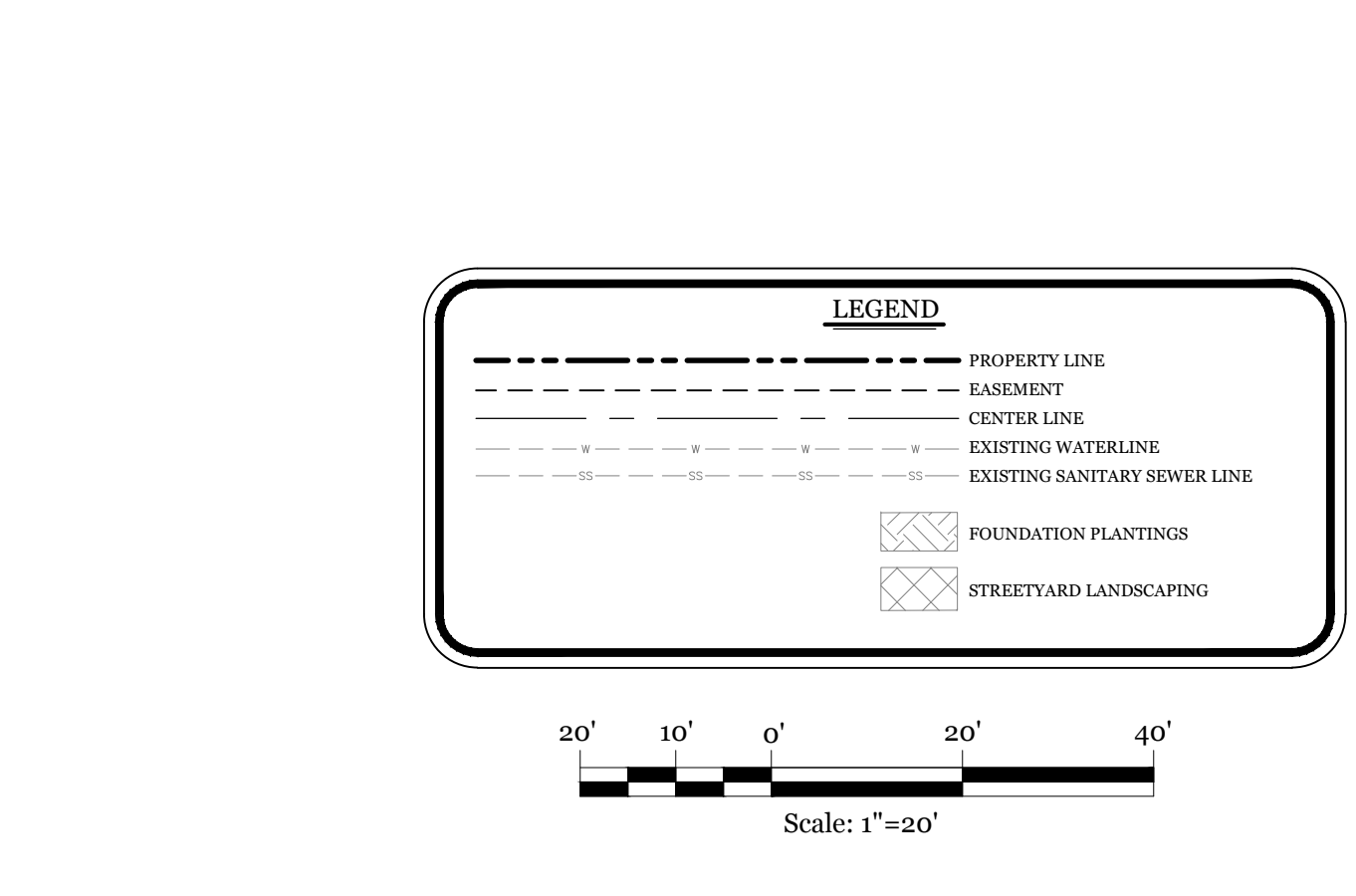
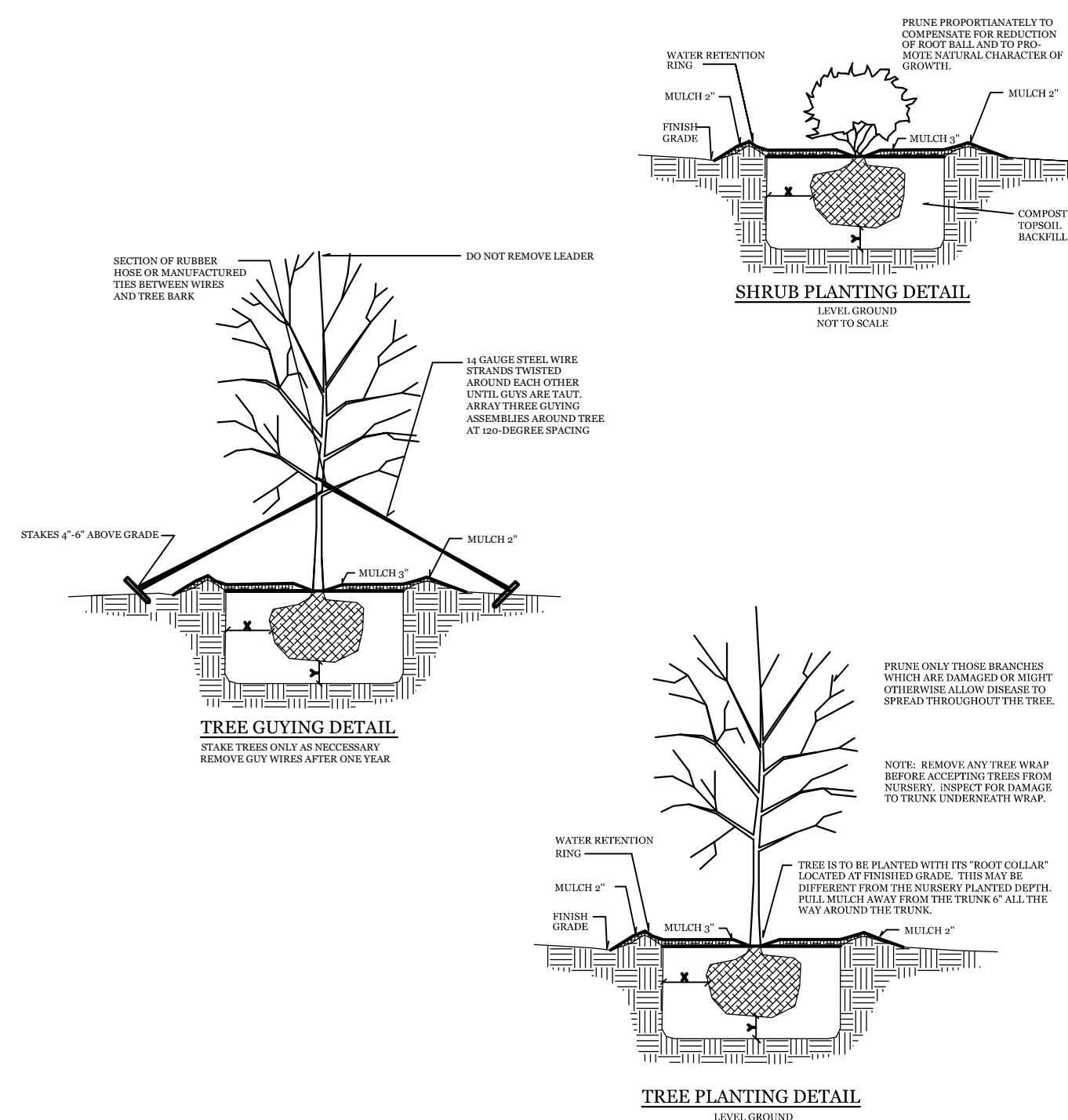
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C-2



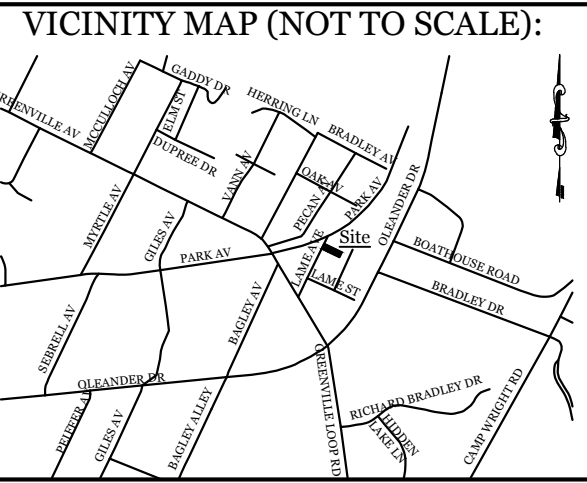
SITE DATA		
PARCEL ID:	R05620-003-002-000	
ZONING:	O&I-1	
CAMA LAND USE CLASSIFICATION:	WATERSHED RESOURCE PROTECTION	
PROJECT ADDRESS	1 LAME AVE. WILMINGTON, NC 28403	
CURRENT OWNERS:	DONRA PET SERVICES LLC (DBA PERKINS GOODBYE HUGS PET CREMATION) P.O. BOX 12873 WILMINGTON, NC 28405	
TOTAL ACREAGE IN PROJECT BOUNDARY	11,761 S.F. (0.27 ACRES)	
TOTAL DISTURBED AREA:	0.32 AC	
LANDSCAPE REQUIREMENTS:	REQUIRED	PROVIDED
PARKING LOT INTERIOR SHADING: (10% OF IMPERVIOUS AREA) 3,490 S.F. IMP. AREA X 10%=	349 S.F.	393 S.F.
STREETYARD: 70 L.F. Frontage - 45 L.F. Driveway @ P.L.=25 L.F. (15' Min. / 40' Max.)		
CANOPY TREES (1 Trees / 100 L.F.)	0.25	1 (EXISTING 6" POPLAR)
UNDERSTORY TREES (6 Trees / 100 L.F.)	1.5	2
SHRUBS (9 Shrubs / 100 L.F.)	2.25	7
STREET TREES: 7' PLAZA = TREE SPACING 35'-40'	1	1
FOUNDATION PLANTINGS: (12% OF BLDG FACE ADJ. TO PARKING AREA)		
WEST FACADE= (30 L.F. X 22' FACADE)	79 S.F. (660 S.F. X 12%)	90 S.F.
SOUTH FACADE= (76 L.F. X 24' FACADE)	219 S.F. (1,824 S.F. X 12%)	230 S.F.
TREE REQUIREMENTS PER DISTURBED ACRE: 0.32 ACRES DISTURBED X 15 TREES=	5 TREES	5 TREES (4 PLANTED & 1 PRESERVED)

- NOTE:
- THIS WORK INCLUDES, BUT IS NOT LIMITED TO THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, FINAL GRADING, SEEDING, SOIL AMENDMENTS, ETC., AS MAY BE REQUIRED FOR A COMPLETE INSTALLATION.
 - ALL PLANT MATERIALS SHALL BE INSTALLED USING GOOD HORTICULTURAL PRACTICES IN ACCORDANCE WITH THE PLANS AND DETAILS.
 - TREE LOCATIONS SHOWN ON PLAN MAY REQUIRE ADJUSTMENT IN THE FIELD. WHENEVER FEASIBLE, TREES SHOULD BE PLANTED A MINIMUM OF TEN (10) FEET FROM ALL UNDERGROUND UTILITIES, STREETLIGHTS, HYDRANTS, AND OUT OF DRAINAGE FLOW LINES. SHOULD THIS NOT BE POSSIBLE, CONTACT THE ENGINEER FOR DECISION ON PLACEMENT.
 - ALL TREES IN TURF AREAS SHALL HAVE 12" MIN. CLR. CIRCUMFERENCE AROUND THE TRUNK BASE. PROVIDE 2" MIN. THK. MULCH AT BASE OF TRUNK.
 - MATURE PLANTINGS SHALL NOT INTERFERE WITH UTILITIES AND TRAFFIC SIGHT LINES.
 - ALL LANDSCAPED ISLANDS AND BEDS TO BE STABILIZED WITH MIN. 3" LAYER OF HARDWOOD MULCH.
 - ALL AREAS OF STREETYARD OUTSIDE OF PLANTED BEDS TO BE SODDED.
 - PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES.
 - NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
 - TREE PROTECTION SIGNAGE SHALL BE ADDED ALONG THE LIMITS OF DISTURBANCE ADJACENT TO TREES DEVELOPMENT ADJACENT TO THE CONSTRUCTION SITE.
 - ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH CITY OF WILMINGTON ZONING ORDINANCE.
 - PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & CITY OF WILMINGTON REGULATIONS.
 - ROOF DRAINS TO BE DISCONNECTED AND DIRECTED TO GRASSSED AREA AT SIDE OF BUILDING.
 - CITY OF WILMINGTON STAFF HAVE DETERMINED THAT THIS TREE IS NOT IN GOOD HEALTH AND THE CRZ DISTURBANCE IS NOT APPLICABLE.



PROPOSED LANDSCAPE PLANT LIST					
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	TYPE	MIN. SIZE
1	4	<i>ILEX X VOMITORIA</i>	YAUPON HOLLY	CANOPY TREE	2"-2.5" CAL.
2	7	<i>RAPHIOLEPIS INDICA</i>	WHITE INDIAN HAWTHORNE	SHRUB	1 GAL. (12" MIN. HEIGHT)
3	9	<i>ABELIA X GRANDIFLORA</i>	GLOSSY ABELIA	SHRUB	1 GAL. (12" MIN. HEIGHT)
4	35	<i>JUNIPERUS HORIZONTALIS</i>	CREEPING JUNIPER	GROUND COVER	1 GAL.
5	7	<i>ABELIA X GRANDIFLORA</i>	GLOSSY ABELIA	SHRUB	5 GAL. (3' MIN. HEIGHT)
6	1	<i>CORNUS FLORIDA</i>	FLOWERING DOGWOOD	STREET TREE	2"-2.5" CAL.

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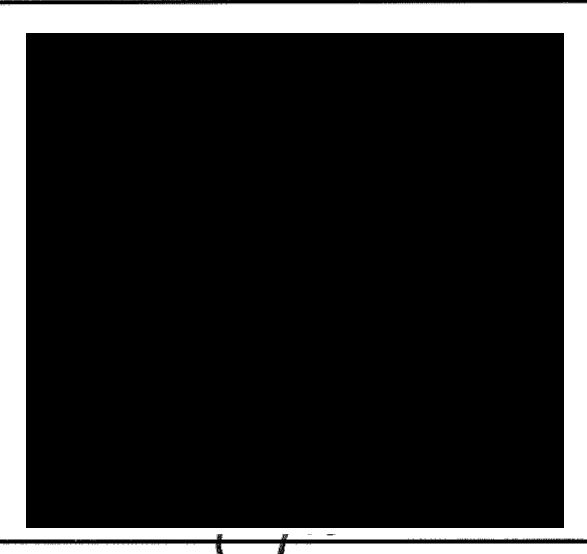


REVISIONS	

INTRACOASTAL
ENGINEERING, PLLC

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Wilmington, North Carolina 28403
Phone: 910.859.8983
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LANDSCAPE PLAN
FOR
PERKINS GOODBYE HUGS
PET CREMATION
WILMINGTON, NORTH CAROLINA



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