RHDC
RALEIGH HISTORIC
DEVELOPMENT COMMISSION

CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

15 E Peace St
Address

Blount Street
Historic District

Peace College Main Building
Historic Property

COA-0124-2026
Certificate Number

9/1/2026
Date of Issue

9/1/2027
Expiration Date

Project Description:

Pave gravel parking lot; plant new trees and shrubs

This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.

Signature, Collette K

Raleigh Historic Development Commission

Pending the resolution of appeals, commencement of work is at your own risk.

Type or print the following:		
Applicant name: Peace College of Raleigh, Inc.		
Mailing address: 15 E. Peace Street		
City: Raleigh	State: NC	Zip code: 27604-1176
Date: 08.10.2026	Daytime phone #: [redacted]	
[redacted]		

Minor work (staff review) – one copy Major work (COA committee review) – ten copies Additions > 25% of building sq. footage New buildings Demolition of building or structure All other Post approval re-review of conditions of approval	**Office Use Only** Transaction #: _____ File #: COA-0124-2026 Fee: _____ Amount paid: _____ Received date: _____ Received by: _____

Property street address: 15 E. Peace Street, Raleigh, NC 27604-1176
Historic district: HOD-G (General Historic Overlay District) Blount Street
Historic property/Landmark name (if applicable):
Owner name: Peace College of Raleigh, Inc.
Owner mailing address: 15 E. Peace Street, Raleigh, NC 27604-1176

For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.

Property Owner Name & Address	Property Owner Name & Address

I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes (No) Did you consult with staff prior to filing the application? (Yes) No	Office Use Only Type of work:_____

Design Guidelines: please cite the applicable sections of the design guidelines (www.rhdc.org).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
1.5	Off-Street Parking	Converting an existing gravel parking lot to a paved parking lot consistent with others on site

Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until 09/01/2027.

Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

Signature (City of Raleigh) _____ Date 09/01/2020

August 10, 2026

William Peace University Parking Lot #9
Project Description

The proposed project is located at the northwest corner of the subject site. The project includes the conversion of an existing gravel parking lot to a paved parking lot that will be consistent with other paved parking lots on the subject site. The proposed project has been designed to:

1. Retain and preserve the topography and drainage patterns of the existing site.
2. Maintain a similar footprint to the existing gravel parking lot.
3. Provide a paved parking lot that is consistent with dimensions and materials of other existing parking lots on the subject site.
4. Enable the preservation of existing trees and landscaping in and around the subject parking lot.
5. Protect and maintain existing walkways and driveways.

4909 Liles Road
Raleigh, NC 27606
www.grounded-engineering.com
919.438.3694
grounded ENGINEERING

August 10, 2026

Site Photos

This report includes photos of the subject project area as well as photos of other parking lots on the same property for reference. Photos were taken on 10 August 2026.

The following are photos of the subject site:



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The following are reference photos of other parking lots on the same parcel:





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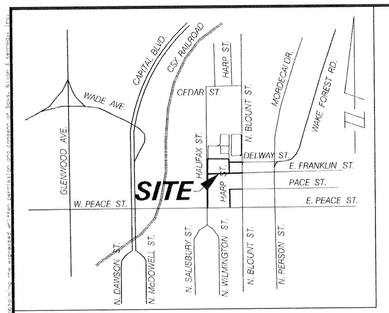


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ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

BKBM2003PG01864



THIS CERTIFIES AND WARRANTS THAT THE UNDERSIGNED IS (ARE) THE SOLE OWNER(S) OF THE PROPERTY SHOWN ON THIS MAP OR PLAT AND ANY ACCOMPANYING SHEETS SUBJECT TO THE EXCEPTIONS ON RECORD, HAVING ACQUIRED THE PROPERTY IN FEE SIMPLE BY DEED(S) RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS OF WAKE COUNTY, NORTH CAROLINA. OR OTHERWISE. AS SHOWN BELOW AND AS SUCH, HAS (HAVE) THE RIGHT TO CONVEY THE PROPERTY IN FEE SIMPLE. AND THAT THE DEDICATOR(S) WILL WARRANT AND DEFEND THE TITLE AGAINST THE LAWFUL CLAIMS OF ALL PERSONS WHOMSOEVER UNLESS EXCEPTED HEREIN AND THAT BY SUBMISSION OF THIS PLAT OR MAP FOR APPROVAL I (WE) DO DEDICATE TO THE CITY OF RALEIGH FOR PUBLIC USE ALL STREETS. EASEMENTS. RIGHTS-OF-WAY. PARKS AND GREENWAYS. (AS THESE INTERESTS ARE DEFINED IN THE CODE). AND AS THE SAME MAY BE SHOWN THEREON. FOR ALL LAWFUL PURPOSES TO WHICH THE CITY MAY DEVOTE OR ALLOW THE SAME TO BE USED AND UPON ACCEPTANCE THEREOF IN ACCORDANCE WITH ALL CITY POLICIES. ORDINANCES. REGULATIONS OR CONDITIONS OF THE CITY OF RALEIGH FOR THE BENFIT OF THE PUBLIC. SAID DEDICATION SHALL BE IRREVOCABLE: PROVIDED. ANY DEDICATION OF EASEMENTS FOR STORM DRAINAGE ARE NOT MADE TO THE CITY OF RALEIGH BUT ARE IRREVOCABLY MADE TO THE SUBSEQUENT OWNERS OF ANY AND ALL PROPERTIES SHOWN HEREON FOR THEIR USE AND BENIFIT SUBJECT TO CONDITIONS OF SUBSECTIONS (B). (C). (D). AND (F) OF SECTION 1 AND SECTION 4 OF THE "CITY STORM DRAINAGE POLICY" (RESOLUTION 1970-742 AS THE SAME MAY BE FROM TIME TO TIME AMENDED).

_____ BOOK NO.

_____ PAGE NO.

Craig M. Bradshaw — SIGNATURE (S) OF PROPERTY OWNER (S)

Trustees, Pastoral Orgs of Raleigh, Inc.

[redacted]

SCALE: 1" = 100'

0 50 100 200 300 400

THIS PLAT IS NOT TO BE RECORDED AFTER 31 DAY OF Nov 03.
1 COPY TO BE RETAINED FOR THE CITY.
THIS PLAT IS [✓] IN [ ] OUT OF THE CITY LIMITS.

STATE OF NORTH CAROLINA WAKE COUNTY

I, EDMUND H. DAVENPORT, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION. DEED DESCRIPTION RECORDED IN BOOK _____, PAGE _____; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK _____, PAGE _____; THAT THE RATIO OF PRECISION AS CALCULATED IS 1: Exempt; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED.

WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 15 DAY OF Oct, A.D., 2003.

[redacted]

I, EDMUND H. DAVENPORT, PROFESSIONAL LAND SURVEYOR NO. L-2832 CERTIFY TO ONE OR MORE OF THE FOLLOWING AS INDICATED.

A. THAT THIS PLAT IS OF A SURVEY THAT CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND;
B. THAT THIS PLAT IS OF A SURVEY THAT IS LOCATED IN SUCH PORTION OF A COUNTY OR MUNICIPALITY THAT IS UNREGULATED AS TO AN ORDINANCE THAT REGULATES PARCELS OF LAND;
C. THAT THIS PLAT IS OF A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND;
D. THAT THIS PLAT IS OF A SURVEY OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION;
E. THAT THE INFORMATION AVAILABLE TO THIS SURVEYOR IS SUCH THAT I AM UNABLE TO MAKE A DETERMINATION TO THE BEST OF MY PROFESSIONAL ABILITY AS TO PROVISIONS CONTAINED IN (A) THROUGH (D) ABOVE.

Edmund H. Davenport

EDMUND H. DAVENPORT P.L.S. NO. 2832

WAKE COUNTY, NC 426
LAURA M RIDDICK
REGISTER OF DEEDS
PRESENTED & RECORDED ON
10/23/2003 AT 15:20:32

BOOK:BM2003 PAGE:01864

LEGEND
IPS – IRON PIPE SET
EIP – EXISTING IRON PIPE
R/W – RIGHT-OF-WAY
PP – EXISTING POWER POLE

REFERENCES
D.B. 795 PG. 509
D.B. 827 PG. 371
D.B. 856 PG. 24
B.O.M. 2001 PG. 1593
B.O.M. 1991 PG. 1215
B.O.M. 1986 PG. 869

NOTES
1. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.
2. AREAS COMPUTED BY COORDINATE GEOMETRY.
3. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY BE SUBJECT TO ANY MATTERS THAT A FULL TITLE SEARCH WOULD DISCLOSE.
4. THERE ARE NO FEMA DESIGNATED FLOOD HAZARD AREAS ON THIS SITE.
5. ALL EASEMENTS ARE CENTERED ON STRUCTURES AND LINES AS-BUILT.

THIS PLAT IS BEING RECORDED ON TWO SHEETS. SEE SHEET TWO OF TWO FOR LOT DETAILS.

STC-15-2002 R-237-03 RAD35211

RECORDED IN BOOK OF MAPS 2003, PAGE 1864, WAKE COUNTY REGISTRY.

REV.	DATE	DESCRIPTION	BY

BNK **BASS, NIXON & KENNEDY, INC.**
CONSULTING ENGINEERS
•6310 CHAPEL HILL ROAD, SUITE 250
RALEIGH, NORTH CAROLINA 27607
•10405E LIGON MILL ROAD
WAKE FOREST, NORTH CAROLINA 27587
•TELEPHONE: (919)851-4422 OR (800)345-1879
FAX: (919)851-8968 (Ral.), (919)570-1362 (WF)

SURV'D BY	
DWN. BY	GPM
CKD. BY	EHD
DATE	10-15-03

RECOMBINATION & EASEMENT PLAT

PEACE COLLEGE OF RALEIGH, INC.

RALEIGH WAKE COUNTY N.C.

SHEET 1 OF 2

r:\1999\job\99508000\survey\Recombination abandoned rw plat Sh 1.dgn

Job Number _____ Book Number _____

Know what's below. Call before you dig.

4909 Liles Road
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919.438.3694 (o)
Firm License C-3898

grounded ENGINEERING

[redacted]

WILLIAM PEACE UNIVERSITY
PARKING LOT #9A

PROPERTY PLAT

SUBMITTAL DESCRIPTION
0 - INITIAL SUBMITTAL TO CITY OF RALEIGH

ISSUE DATE 08.17.2026

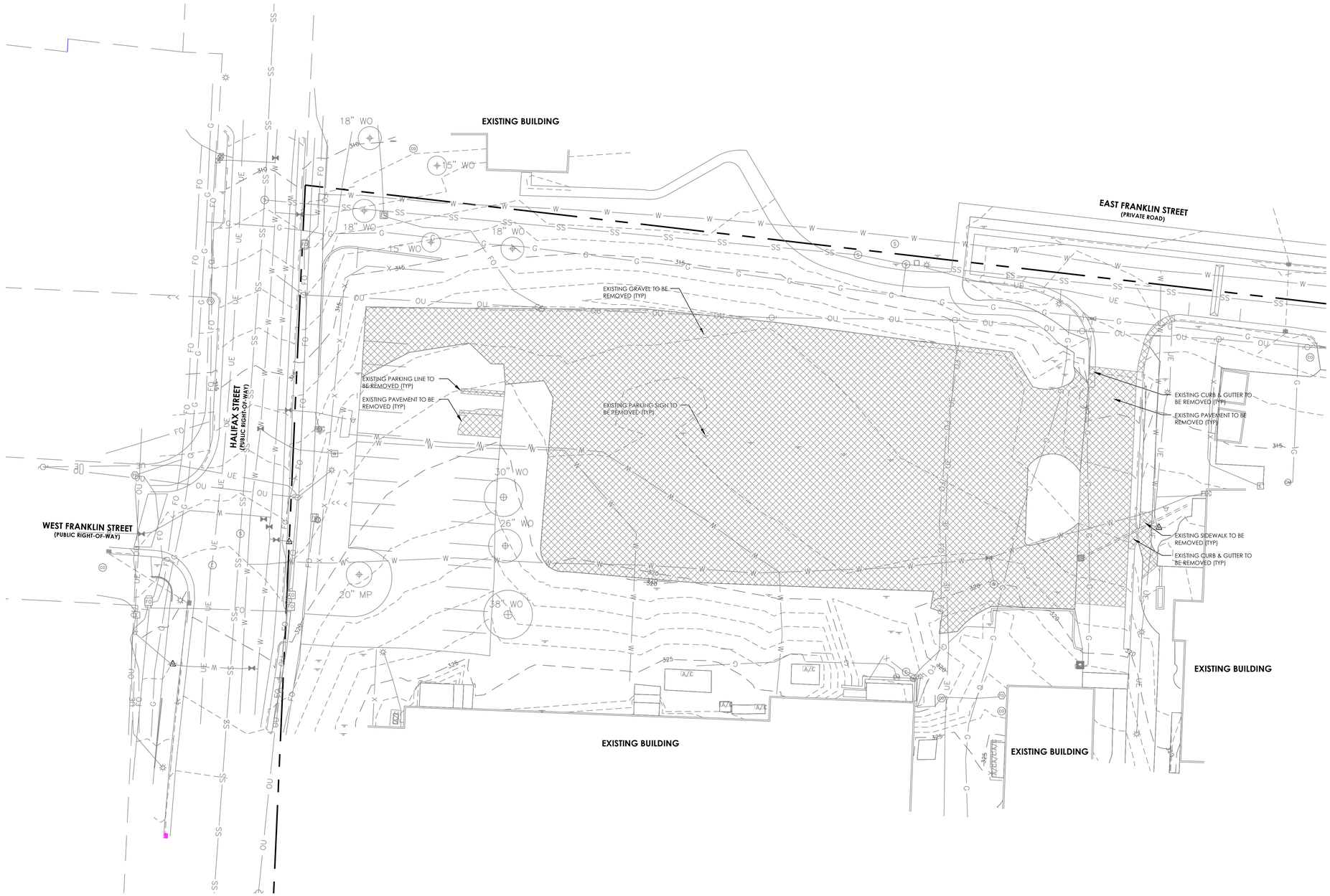
PROJECT # 25018

SHEET # C-002

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

EXISTING IMPERVIOUS AREA TO BE REMOVED = 23,945 SF



LEGEND

- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORM DRAINAGE
- EXISTING OVERHEAD UTILITY LINE
- EXISTING UNDERGROUND UTILITY LINE
- EXISTING PROPERTY LINE
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING FIRE HYDRANT
- EXISTING WATERLINE VALVE
- EXISTING SANITARY SEWER MH
- EXISTING CLEANOUT
- EXISTING STORM DRAINAGE MH
- EXISTING IMPROVEMENTS TO BE REMOVED

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

NORTH

20 10 0 20 40

GRAPHIC SCALE

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WILLIAM PEACE UNIVERSITY
PARKING LOT #9A

SITE DEMOLITION PLAN

SUBMITTAL DESCRIPTION	ISSUE DATE
0 - INITIAL SUBMITTAL TO CITY OF RALEIGH	08.17.2026

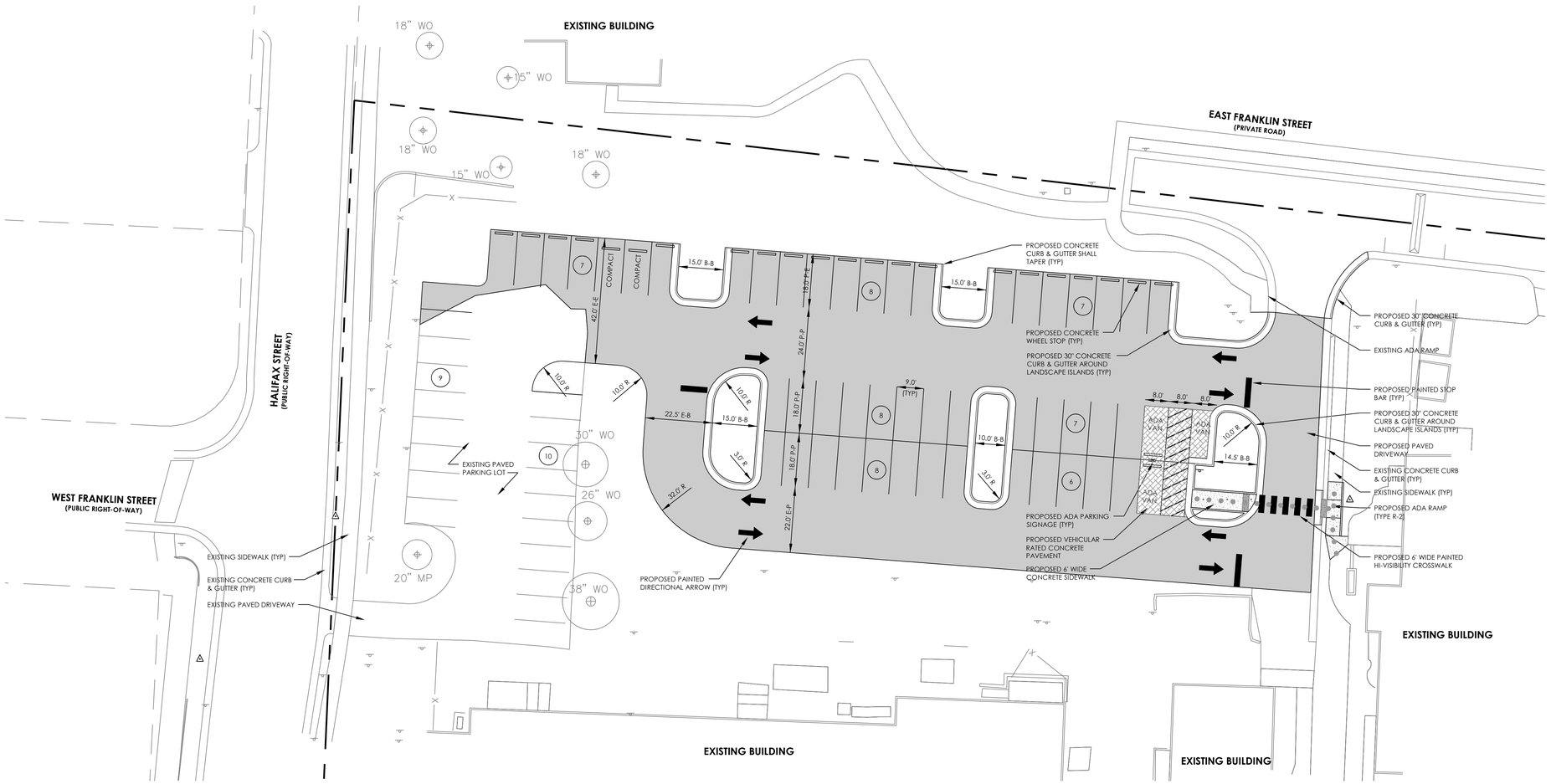
PROJECT # 25018

SHEET # C-210

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

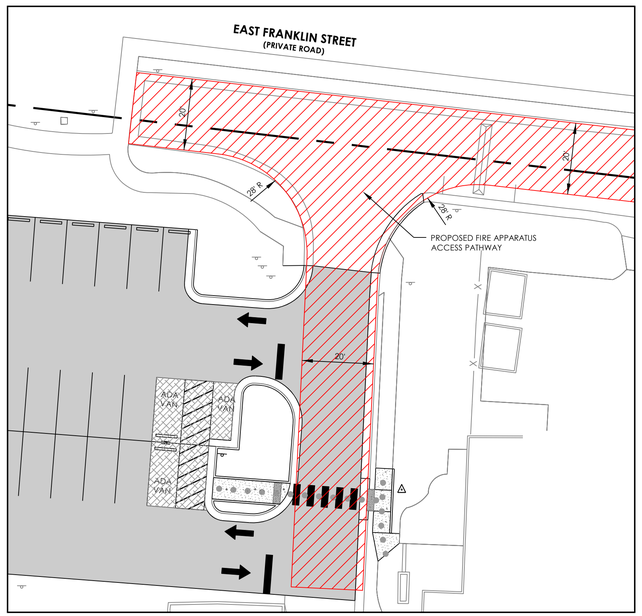
REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

PROPOSED IMPERVIOUS AREA TO BE CONSTRUCTED = 21,982 SF



LEGEND

- (XX) PROPOSED # OF PARKING SPACES
- PROPOSED ASPHALT PAVEMENT
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED ADA PATHWAY
- PROPOSED SIGN
- PROPOSED CONCRETE CURB & GUTTER



FIRE APPARATUS ACCESS PLAN

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

NORTH

20 10 0 20 40

GRAPHIC SCALE

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WILLIAM PEACE UNIVERSITY
PARKING LOT #9A

SITE LAYOUT PLAN

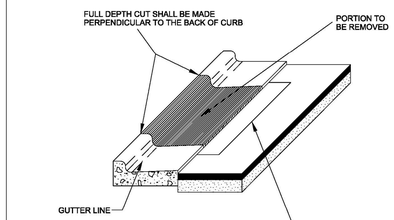
SUBMITTAL DESCRIPTION	ISSUE DATE
0 - INITIAL SUBMITTAL TO CITY OF RALEIGH	08.17.2026

PROJECT # 25018

SHEET # C-310

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

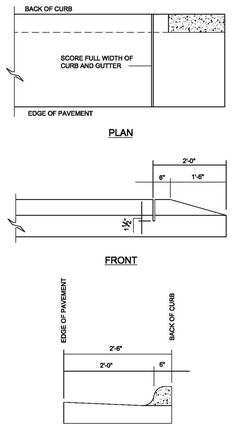
REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.



NOTES:
1. CURB AND GUTTER SECTION SHALL BE REMOVED IN ACCORDANCE WITH DRIVEWAY WIDTH APPROVED BY THE CITY.
2. IF PERPENDICULAR CUT IS LESS THAN 9' FROM NEXT JOINT, THEN THE PARALLEL CUT SHALL BE MADE TO THAT JOINT.
3. THIS METHOD IS NOT ALLOWED IN NEW ROADWAY CONSTRUCTION.

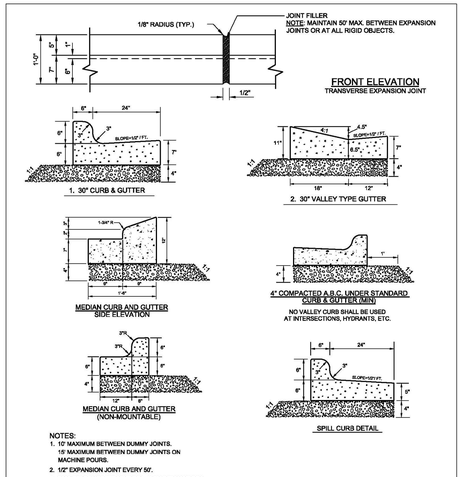
CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
	STANDARD METHOD OF REMOVING EXISTING CURB (FOR A DRIVEWAY APRON INSTALLATION)	
	T-10.24	



CITY OF RALEIGH
STANDARD DETAIL

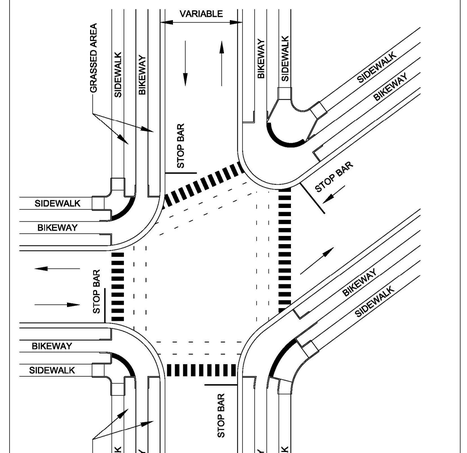
REVISIONS	DATE: 8/2020	NOT TO SCALE
	STANDARD METHOD OF ENDING CURB AND GUTTER	
	T-10.25	



NOTES:
1. 10' MAXIMUM BETWEEN DUMMY JOINTS. 15' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE POURS.
2. 1/2" EXPANSION JOINT EVERY 50'.
3. 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
4. LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 1026-2 OF NCDOT STANDARDS & SPECIFICATIONS FOR ROADS AND STRUCTURES.
5. ALL CONSTRUCTION JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DETAIL 846.01 THE JOINT MATERIAL SHALL CONFORM TO SECTION 1028-2 OF NCDOT STANDARD & SPECIFICATIONS FOR ROADS AND STRUCTURES.
6. REFER TO NCDOT DETAIL 846.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

CITY OF RALEIGH
STANDARD DETAIL

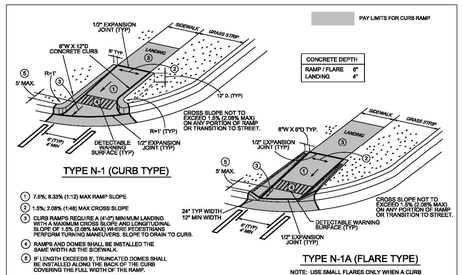
REVISIONS	DATE: 8/2020	NOT TO SCALE
	CURB AND GUTTER	
	T-10.26.1	



CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	CURB RAMPS	
	T-20.01.1	

PAY LIMITS FOR CURB RAMP

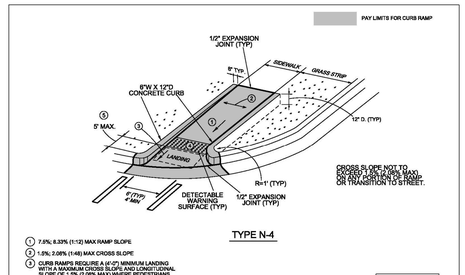


1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
5. IF LENGTH EXCEEDS 9', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	CURB RAMPS (NEW DEVELOPMENT)	
	T-20.01.2	

PAY LIMITS FOR CURB RAMP

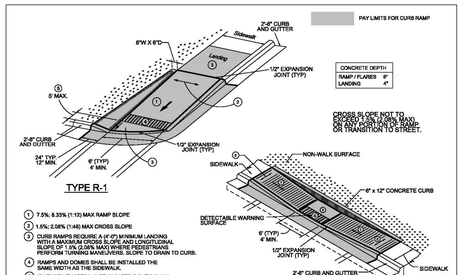


1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
5. IF LENGTH EXCEEDS 9', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
	CURB RAMPS (NEW DEVELOPMENT)	
	T-20.01.4	

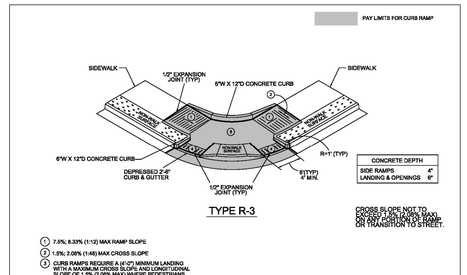
PAY LIMITS FOR CURB RAMP



CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
	CURB RAMPS (RETROFIT)	
	T-20.01.5	

PAY LIMITS FOR CURB RAMP



1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	CURB RAMPS (RETROFIT)	
	T-20.01.6	

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

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[redacted]

WILLIAM PEACE UNIVERSITY
PARKING LOT #9A
SITE DETAILS

ISSUE DATE	SUBMITTAL DESCRIPTION
08.17.2026	0 - INITIAL SUBMITTAL TO CITY OF RALEIGH

PROJECT # 25018

SHEET # C-900

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

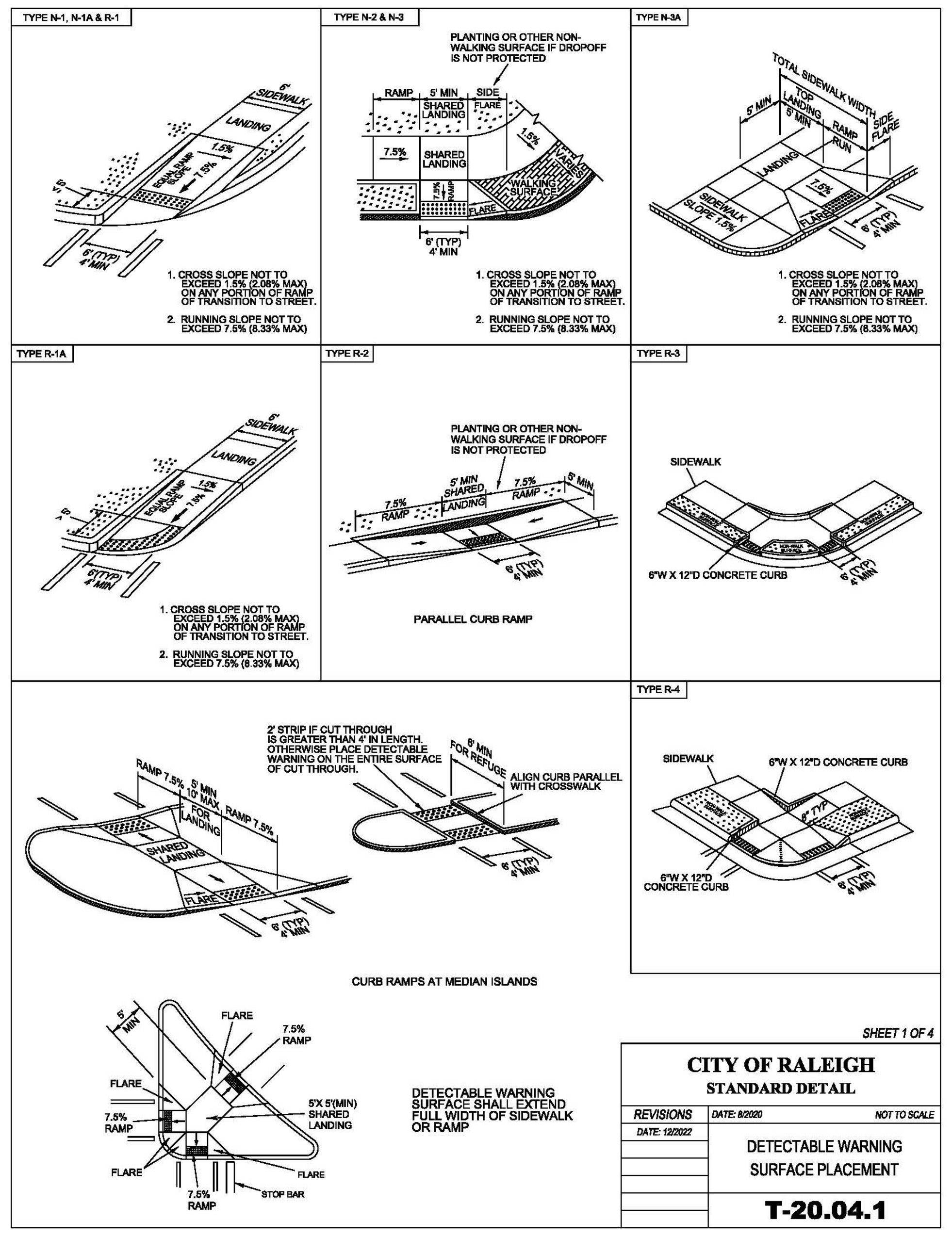
REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

CITY OF RALEIGH
CURB RAMPS
GENERAL NOTES

1. CITY OF RALEIGH STANDARD CURB RAMPS HAVE BEEN DEVELOPED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND PUBLIC RIGHT OF WAY ACCESS GUIDELINES (PROWAG).
2. CURB RAMPS SHALL BE PROVIDED AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SIDEWALK ACCESS RAMPS SHALL BE LOCATED AS INDICATED IN THE DETAIL, HOWEVER, THE LOCATION MAY BE ADJUSTED IN COORDINATION WITH THE CITY OF RALEIGH WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. AFFECT PLACEMENT.
3. DOUBLE WHEELCHAIR RAMPS ARE TO BE INSTALLED AT ALL PUBLIC STREET INTERSECTIONS WHERE SIDEWALK IS REQUIRED.
4. THE WALKING SURFACE SHALL BE SLIP RESISTANT. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.
5. NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 1"/FT (12:1) IN RELATIONSHIP TO THE GRADE OF THE STREET.
6. IN NO CASE SHALL THE WIDTH OF THE SIDEWALK ACCESS RAMP BE LESS THAN 48" ALL RAMPS SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
7. USE CLASS A (3000 PSI) CONCRETE WITH A SIDEWALK FINISH IN ORDER TO OBTAIN A ROUGH NONSKID SURFACE.
8. A 1/2" EXPANSION JOINT INSTALLED FULL DEPTH WILL BE REQUIRED WHERE THE CONCRETE SIDEWALK ACCESS RAMP JOINS THE CURB AND ALSO WHERE NEW CONCRETE ABUTS EXISTING CONCRETE.
9. CURB RAMPS SHOULD BE PLACED PARALLEL TO THE DIRECTION OF TRAVEL.

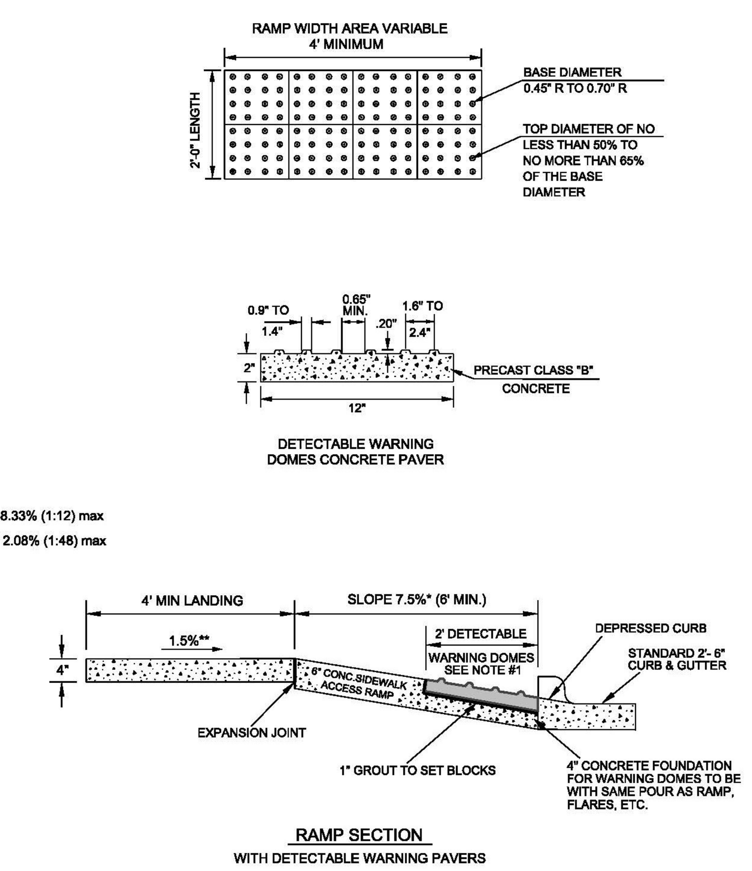
SHEET 8 OF 9

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
	CURB RAMP NOTES	
	T-20.01.8	



SHEET 1 OF 4

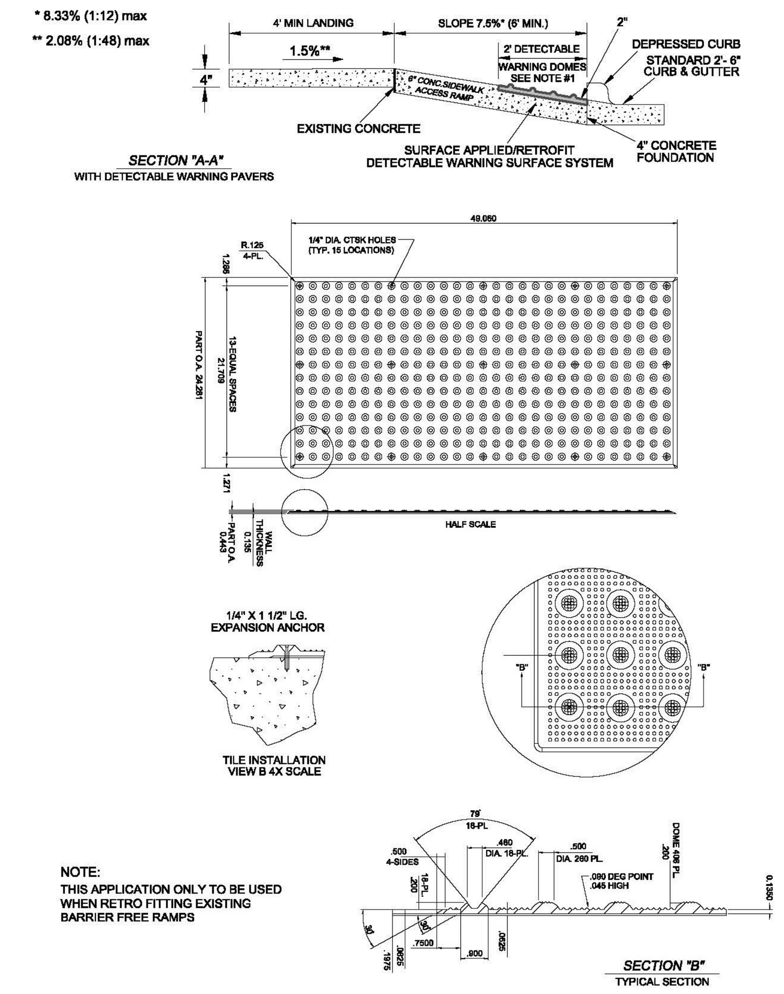
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	DETECTABLE WARNING SURFACE PLACEMENT	
	T-20.04.1	



NOTES:
1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON DETAIL. SIZE OF PAVER SHALL BE 1' X 1'.
2. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.

SHEET 2 OF 4

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	DETECTABLE WARNING SURFACE PAVERS	
	T-20.04.2	



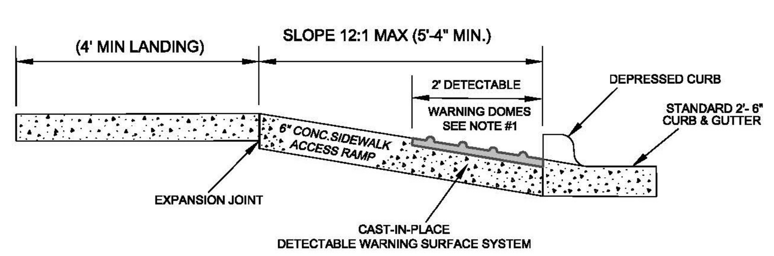
NOTE:
THIS APPLICATION ONLY TO BE USED WHEN RETRO FITTING EXISTING BARRIER FREE RAMPS

NOTES:
1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON DETAIL.
2. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.

SHEET 3 OF 4

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	DETECTABLE WARNING SURFACE, SURFACE APPLIED (RETROFIT ONLY)	
	T-20.04.3	

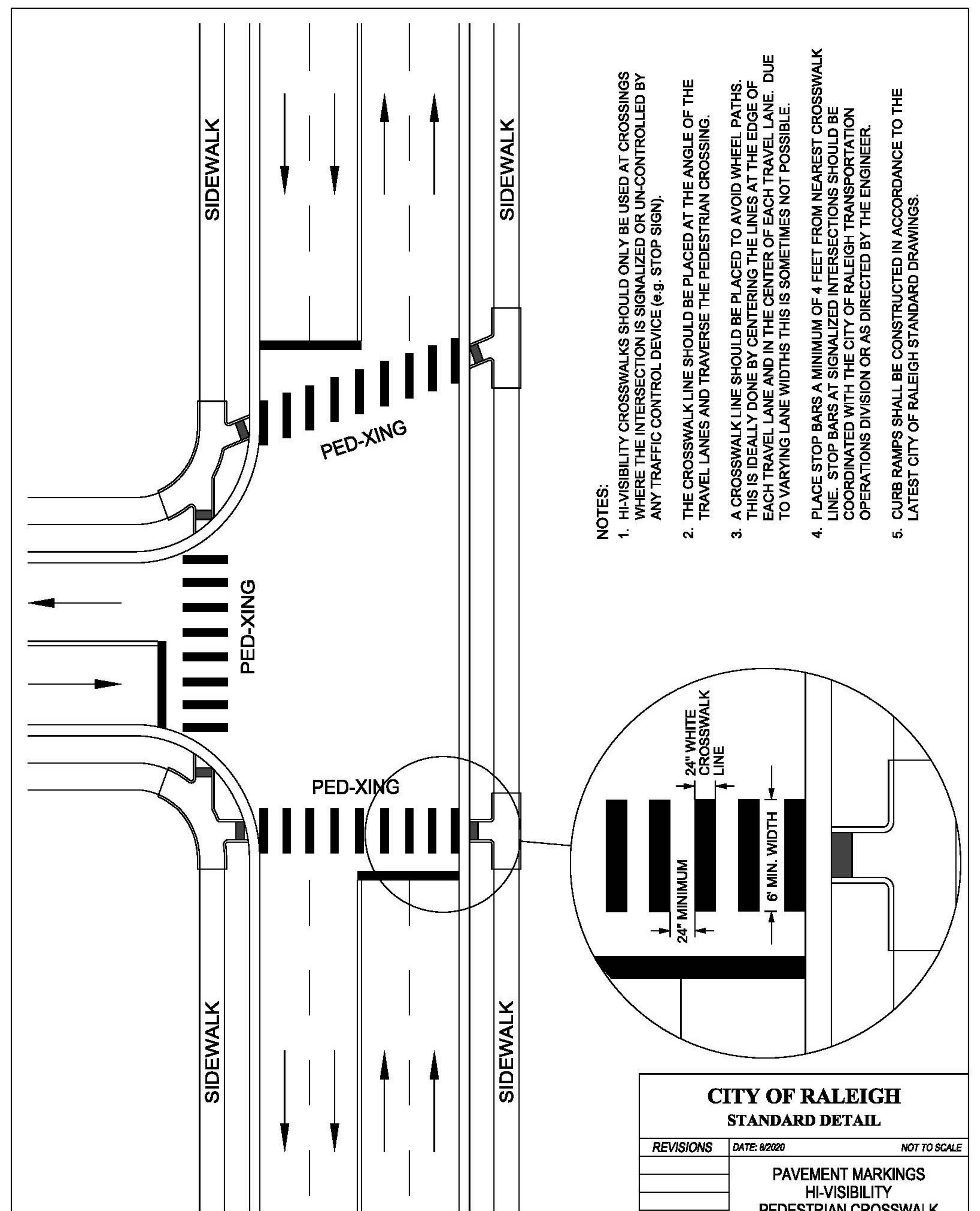
RAMP SECTION
WITH DETECTABLE WARNING SURFACE CAST-IN-PLACE SYSTEM



NOTES:
1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON DETAIL.
2. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.

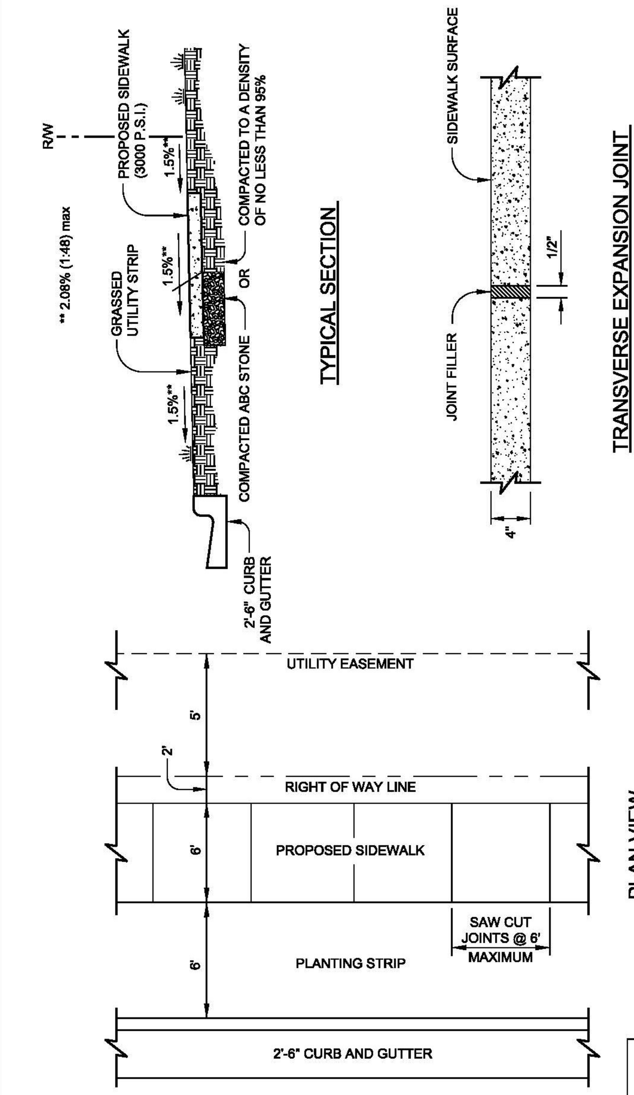
SHEET 4 OF 4

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022	DETECTABLE WARNING CAST-IN-PLACE	
	T-20.04.4	



NOTES:
1. HI-VISIBILITY CROSSWALKS SHOULD ONLY BE USED AT CROSSINGS WHERE THE INTERSECTION IS SIGNALIZED OR UN-CONTROLLED BY ANY TRAFFIC CONTROL DEVICE (e.g. STOP SIGN).
2. THE CROSSWALK LINE SHOULD BE PLACED AT THE ANGLE OF THE TRAVEL LANES AND TRAVERSE THE PEDESTRIAN CROSSING.
3. A CROSSWALK LINE SHOULD BE PLACED TO AVOID WHEEL PATHS. THIS IS IDEALLY DONE BY CENTERING THE LINES AT THE EDGE OF EACH TRAVEL LANE AND IN THE CENTER OF EACH TRAVEL LANE. DUE TO VARYING LANE WIDTHS THIS IS SOMETIMES NOT POSSIBLE.
4. PLACE STOP BARS A MINIMUM OF 4 FEET FROM NEAREST CROSSWALK LINE. STOP BARS AT SIGNALIZED INTERSECTIONS SHOULD BE COORDINATED WITH THE CITY OF RALEIGH TRANSPORTATION OPERATIONS DIVISION OR AS DIRECTED BY THE ENGINEER.
5. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST CITY OF RALEIGH STANDARD DRAWINGS.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
	PAVEMENT MARKINGS HI-VISIBILITY PEDESTRIAN CROSSWALK	
	T-20.05	



NOTES:
1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 50 FEET.
2. ALL CONCRETE TO BE 3000 PSI AND FINISHED WITH CURING COMPOUND.
3. A 6 INCH DEPTH IS REQUIRED AT LOCATIONS OF DRIVEWAY CROSSINGS, AT STREET INJTERSECTIONS (ALONG THE LENGTH OF RADIUS CURB RETURNS), AND IN THE HANDICAP RAMPS.
4. COMPACTED ABC STONE MAY BE REQUIRED AS SUBGRADE AT THE DISCRETION OF THE INSPECTOR
5. SURFACE SHALL BE FINISHED TO GRADE AND CROSS SECTION WITH A FLOAT, TROWEL SMOOTH AND FINISH WITH A BROOM
6. WHERE UTILITY BOXES/VAULTS MUST BE LOCATED IN THE SIDEWALK, THEY SHALL HAVE A MINIMUM 3" WIDE FRAME OF CONCRETE AROUND THEM

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
DATE: 12/2022		
DATE: 08/2023	CONCRETE SIDEWALK	
	T-30.01.1	

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

grounded ENGINEERING
4909 Liles Road
Raleigh, NC 27606
919.438.3694 (o)
Firm License C-3898

[redacted]

WILLIAM PEACE UNIVERSITY
PARKING LOT #9A

SITE DETAILS

ISSUE DATE	SUBMITTAL DESCRIPTION
08.17.2026	0 - INITIAL SUBMITTAL TO CITY OF RALEIGH

PROJECT # 25018

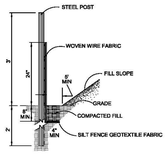
SHEET # C-901

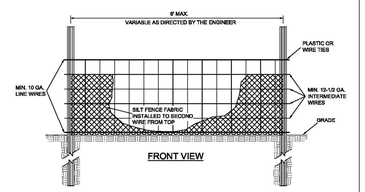
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

grounded ENGINEERING
4909 Liles Road
Raleigh, NC 27606
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INSTALLATION NOTES:
1. SEE NCDEQ SEDIMENT DESIGN MANUAL FOR CONSTRUCTION SPECIFICATIONS, WHERE PRACTICE APPLIES AND PLANNING CONSIDERATIONS.
2. FLOW SHALL NOT RUN PARALLEL WITH THE FENCE.
3. END OF SILT FENCE MUST BE TURNED UPHILL.
4. UV RESISTANCE GEOTEXTILE MUST BE USED.
5. NOT FOR USE IN AREAS OF CONCENTRATED FLOW.
6. THE TRENCH SHALL BE BACKFILLED, AND THE SOIL COMPACTED OVER THE GEOTEXTILE.
7. TO JOIN TWO ROLLS OF GEOTEXTILE, PLACE THE END STAKE FROM ONE ROLL OF SILT FENCE ON THE TOP OF THE END PIECE OF THE OTHER ROLL. ROTATE BOTH STAKES IN THE SAME DIRECTION, TOGETHER, AT LEAST 180 DEGREES TO FORM A TIGHT CONNECTION AND THEN DRIVE TWO STAKES, NOW STUCK TOGETHER, INTO THE GROUND.

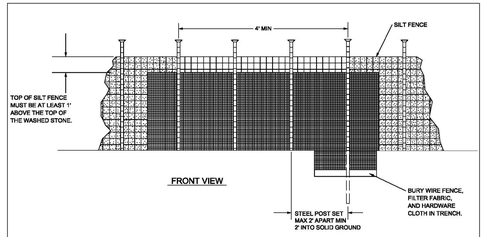




MAINTENANCE NOTES:
1. SILT FENCE SHALL BE INSPECTED AT LEAST ONCE A WEEK, OR IMMEDIATELY AFTER EACH RAINFALL OF 1.0 INCH OR GREATER AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
3. SHOULD SILT FENCE UNDERMINE, REINSTALL SILT FENCE ENSURING THAT SILT FENCE IS TRENCHED IN, BACKFILLED AND COMPACTED.
4. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. WHEN REMOVING SEDIMENT AVOID UNDERMINING THE SILT FENCE AND ENSURE THAT GEOTEXTILE IS NOT DAMAGED. CLEAN OUT IS REQUIRED WHEN SILT FENCE IS AT 50% CAPACITY.
5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH EXISTING GRADE, PREPARED AND SEEDED.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/05/24	NOT TO SCALE
	STANDARD TEMPORARY (SEDIMENT/SILT) FENCE	
	SW-20.02	



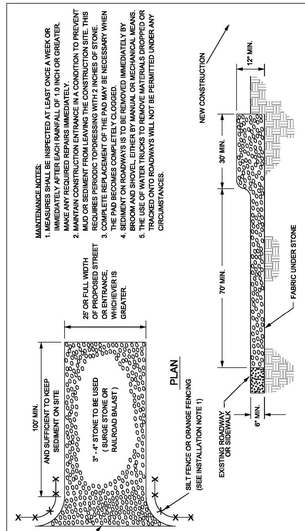
INSTALLATION NOTES:
1. HARDWARE CLOTH AND GRAVEL SHOULD OVERLAY THE SILT FENCE A MINIMUM OF 12 INCHES.
2. STONE OUTLETS SHOULD BE PLACED ON LOW ELEVATION AREAS OF SILT FENCE AND BASED ON FIELD CONDITIONS.

MAINTENANCE NOTES:
1. MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK OR IMMEDIATELY AFTER EACH RAINFALL OF 1.0 INCH OR GREATER. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. KEEP HARDWARE CLOTH FREE OF DEBRIS TO PROVIDE ADEQUATE FLOW.
3. FRESHEN STONE WHEN SEDIMENT ACCUMULATION EXCEEDS 6 INCHES.
4. REMOVE SEDIMENT AND REPLACE WITH NEW STONE WHEN HALF OF THE STONE OUTLET IS COVERED.
5. REPLACE STONE AS NEEDED TO FACILITATE DEWATERING.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/05/24	NOT TO SCALE
	STANDARD SILT FENCE OUTLET	
	SW-20.04	

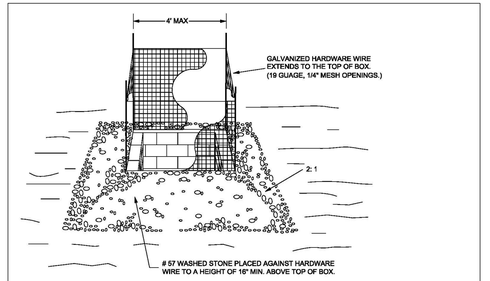
MAINTENANCE NOTES:
1. MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK OR IMMEDIATELY AFTER EACH RAINFALL OF 1.0 INCH OR GREATER AND A MINIMUM OF ONCE MONTHLY.
2. CONSTRUCTION ENTRANCE IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS REQUIRES PERIODIC TOPDRESSING WITH 2 INCHES OF STONE.
3. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PAD BECOMES COMPLETELY CLOGGED.
4. SEDIMENT ON ROADWAYS IS TO BE REMOVED IMMEDIATELY BY SHOVELING OR SWEEPING. FLUSHING IS ACCEPTABLE WHERE ALLOWED.
5. THE USE OF WATER TRUCKS TO REMOVE MATERIALS DROPPED OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.



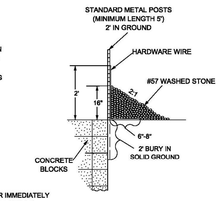
INSTALLATION NOTES:
1. A STABILIZED CONSTRUCTION ENTRANCE IS ON EVERY SITE. SILT FENCE MUST BE INSTALLED TO LIMIT VEHICULAR ACCESS TO THE CONSTRUCTION ENTRANCE AND PREVENT SEDIMENT FROM FLOWING DOWN THE ENTRANCE. BEFORE THE CONSTRUCTION ENTRANCE IS REMOVED FROM THE SITE, ORANGE FENCING MUST BE INSTALLED TO LIMIT VEHICULAR ACCESS TO THE CONSTRUCTION ENTRANCE ONLY.
2. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE STONE, THEN THE TIRES OF THE VEHICLE MUST BE WASHED BEFORE ENTERING THE PUBLIC ROAD OR THE LENGTH OF THE CONSTRUCTION ENTRANCE MUST BE EXTENDED TO ENSURE THAT ALL MUD IS REMOVED FROM THE TIRES BY THE TIME THE VEHICLE REACHES THE PUBLIC ROAD. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO ROADWAYS MUST BE REMOVED IMMEDIATELY BY SHOVELING OR SWEEPING. FLUSHING IS ACCEPTABLE WHERE ALLOWED.
3. WHEN CONSTRUCTION ENTRANCE MUST CROSS A SIDEWALK, ADA REQUIREMENTS MUST REMAIN INTACT DO NOT REMOVE SIDEWALK OR COVER THE SIDEWALK WITH A CONSTRUCTION ENTRANCE STONE DO NOT ALLOW SEDIMENT TO ENTER THE SITE.
4. CONVEYANCE OF SURFACE WATER UNDER ENTRANCE THROUGH CULVERTS SHALL BE PROVIDED AS NEEDED.
5. STONE SHALL BE ADDED AND MAINTAINED AS NEEDED AREA IS GREATER THAN 2%. A DIVERSION RIDGE 6 TO 8 INCHES HIGH WITH 3:1 SIDE SLOPES SHALL BE CONSTRUCTED ACROSS THE FOUNDATION OF THE CONSTRUCTION ENTRANCE APPROXIMATELY 15 FEET FROM THE ROAD.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/05/24	NOT TO SCALE
	CONSTRUCTION ENTRANCE	
	SW-20.12	



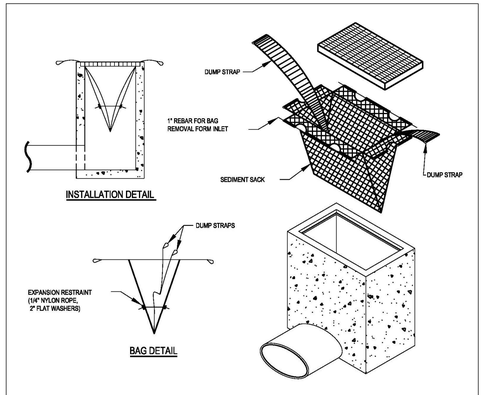
INSTALLATION NOTES:
1. MAXIMUM DRAINAGE AREA TO PRACTICE IS 1 ACRE.
2. SEE NCDEQ SEDIMENT DESIGN MANUAL FOR CONSTRUCTION SPECIFICATIONS, WHERE PRACTICE APPLIES AND PLANNING CONSIDERATIONS AND DESIGN CRITERIA.
3. UNIFORMITY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.



MAINTENANCE NOTES:
1. MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK OR IMMEDIATELY AFTER EACH RAINFALL OF 1.0 INCH OR GREATER. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. CLEAR THE WIRE MESH OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAIN EVENTS. SEDIMENT REMOVAL IS REQUIRED WHEN STONE IS 50% FULL. REMOVE SEDIMENT CAREFULLY NOT TO DAMAGE WIRE MESH. REPLACE STONE AS NEEDED TO FACILITATE DE-WATERING.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/05/24	NOT TO SCALE
	STANDARD CATCH BASIN YARD INLET PROTECTION	
	SW-20.19	

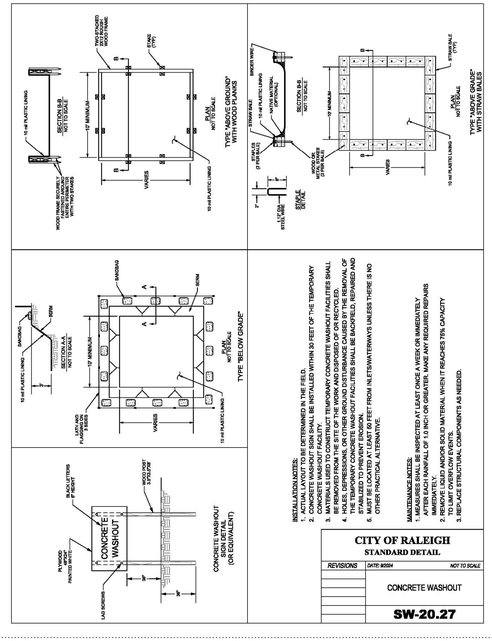


INSTALLATION NOTES:
1. FILTER BAGS SHALL NOT BE ALLOWED ON PUBLIC OR PRIVATE ROADS TO HELP PREVENT FLOODING.

MAINTENANCE NOTES:
1. INSPECT ALL MEASURES AT LEAST WEEKLY AND AFTER EVERY RAINFALL OF 1.0 INCH OR GREATER. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. CLEAN AND REPLACE BAG WHEN IT IS HALF FULL WITH SEDIMENT AND/OR CONSTRUCTION DEBRIS OR IS INCAPABLE OF DRAINING.
3. WHEN MAINTAINING AND REMOVING INLET PROTECTION DEVICES, MINIMIZE SEDIMENT FALLING INTO THE INLET. IMMEDIATELY REMOVE ALL MATERIALS THAT HAVE FALLEN INTO INLETS.
4. DEPOSIT SEDIMENT REMOVED FROM THE DEVICE IN A SUITABLE AREA AWAY FROM THE DEVICE SO THAT IT WILL NOT BE RE-DEPOSITED. DEPOSIT AREA SHALL BE STABILIZED.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/05/24	NOT TO SCALE
	FILTER BAG INLET PROTECTION	
	SW-20.22	



INSTALLATION NOTES:
1. LOCATION TO BE DETERMINED IN THE FIELD.
2. CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 50 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
4. ONE SIGN SHALL BE INSTALLED PER CONCRETE WASHOUT FACILITY. AFTER REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED AND STABILIZED TO MATCH SURROUNDING AREA.
5. MUST BE LOCATED AT LEAST 50 FEET FROM INLET/WATERWAYS UNLESS THERE IS NO OTHER PRACTICAL ALTERNATIVE.

MAINTENANCE NOTES:
1. A CONCRETE WASHOUT SIGN SHALL BE INSPECTED AT LEAST ONCE A WEEK OR IMMEDIATELY AFTER EACH RAINFALL OF 1.0 INCH OR GREATER. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. WHEN CONCRETE AND/OR SOLID MATERIAL WHEN IT REACHES 75% CAPACITY TO LIMIT OVERFLOW EVENTS.
3. REPLACE STRUCTURAL COMPONENTS AS NEEDED.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/05/24	NOT TO SCALE
	CONCRETE WASHOUT	
	SW-20.27	

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

WILLIAM PEACE UNIVERSITY
PARKING LOT #9A

EROSION CONTROL DETAILS

ISSUE DATE	SUBMITTAL DESCRIPTION
08.17.2026	0 - INITIAL SUBMITTAL TO CITY OF RALEIGH

PROJECT # 25018

SHEET # C-910

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

TEMPORARY SEEDBED PREPARATION

1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
2. RIP THE ENTIRE AREA TO 6 INCHES DEEP.
3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS, LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIS WITH SOIL (SEE ADMIXTURE BELOW).
5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDING WITHIN THE PLANTING SEASON IF POSSIBLE. IF STAND SHOULD BE MORE THAN 60% DAMAGED, RE-ESTABLISH FOLLOWING THE ORIGINAL LIME, FERTILIZER, AND SEEDING RATES.

ADMIXTURES

FERTILIZER: COMMERCIAL SLOW-RELEASE FERTILIZER, 1,000 LBS PER ACRE. NITROGEN, PHOSPHOROUS, AND POTASSIUM IN AMOUNTS RECOMMENDED IN SOIL REPORTS FROM A QUALIFIED SOIL-TESTING LABORATORY.
AGRICULTURAL LIMESTONE: 2 TONS/ACRE OR 3 TONS/ACRE IN CLAY SOILS.
MULCH: 4,000 LBS PER ACRE - SMALL GRAIN STRAW
ANCHOR: ASPHALT EMULSION AT 400 GALLONS PER ACRE

TEMPORARY SEEDING SPECIFICATIONS

Complete grading before preparing seedbeds, and install all necessary erosion control practices such as, dikes, waterways, and basins. Minimize steep slopes because they make seedbed preparation difficult and increase the erosion hazard. If soils become compacted during grading, loosen them to a depth of 6-8 inches using a ripper, harrow, or chisel plow.

SEEDBED PREPARATION
Good seedbed preparation is essential to successful plant establishment. A good seedbed is well-pulverized, loose, and uniform. Where hydroseeding methods are used, the surface may be left with a more irregular surface of large clods and stones.

Liming—Apply lime according to soil test recommendations. If the pH (acidity) of the soil is not known, an application of ground agricultural limestone at the rate of 1 to 1 1/2 tons/acre on coarse-textured soils and 2-3 tons/acre on finetextured soils is usually sufficient. Apply limestone uniformly and incorporate into the top 4-6 inches of soil. Soils with a pH of 6 or higher need not be limed.

Fertilizer—Base application rates on soil tests. When these are not possible, apply a 10-10-10 grade fertilizer at 700-1,000 lb/acre. Both fertilizer and lime should be incorporated into the top 4-6 inches of soil. If a hydraulic seeder is used, do not mix seed and fertilizer more than 30 minutes before application.

Surface roughening—If recent tillage operations have resulted in a loose surface, additional roughening may not be required, except to break up large clods. If rainfall causes the surface to become sealed or crusted, loosen it just prior to seeding by disking, raking, harrowing, or other suitable methods. Groove or furrow slopes steeper than 3:1 on the contour before seeding (Refer to the NCDEQ Erosion and Sediment Control Planning and Design Manual, Practice 6.03, Surface Roughening).

PLANT SELECTION
Select an appropriate species or species mixture from Table 6.10a for seeding in late winter and early spring, Table 6.10b for summer, and Table 6.10c for fall.

In the Mountains, December and January seedings have poor chances of success. When it is necessary to plant at these times, use recommendations for fall and a securely tacked mulch.

SEEDING
Evenly apply seed using a cyclone seeder (broadcast), drill, cultipacker seeder, or hydroseeder. Use seeding rates given in Tables 6.10a-6.10c. Broadcast seeding and hydroseeding are appropriate for steep slopes where equipment cannot be driven. Hand broadcasting is not recommended because of the difficulty in achieving a uniform distribution.

Small grains should be planted no more than 1 inch deep, and grasses and legumes no more than 1/2 inch. Broadcast seed must be covered by raking or chain dragging, and then lightly firmed with a roller or cultipacker. Hydroseeded mixtures should include a wood fiber (cellulose) mulch.

MULCHING
The use of an appropriate mulch will help ensure establishment under normal conditions, and is essential to seeding success under harsh site conditions (Refer to the NCDEQ Erosion and Sediment Control Planning and Design Manual, Practice 6.14, Mulching). Harsh site conditions include: • seeding in fall for winter cover (wood fiber mulches are not considered adequate for this use),

- slopes steeper than 3:1,
- excessively hot or dry weather,
- adverse soils (shallow, rocky, or high in clay or sand), and
- areas receiving concentrated flow.

If the area to be mulched is subject to concentrated waterflow, as in channels, anchor mulch with netting (Refer to the NCDEQ Erosion and Sediment Control Planning and Design Manual, Practice 6.14, Mulching).

TEMPORARY SEEDING MAINTENANCE

Reseed and mulch areas where seedling emergence is poor, or where erosion occurs, as soon as possible. Do not mow. Protect from traffic as much as possible.

TABLE 6.10a - TEMPORARY SEEDING RECOMMENDATIONS FOR LATE WINTER AND EARLY SPRING

SEEDING MIXTURE

SPECIES	RATE (LBS/ACRE)
RYE (GRAIN)	120
ANNUAL SWITCHGRASS (KOBE IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS)	50

OMIT ANNUAL SWITCHGRASS WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

SEEDING DATES:

MOUNTAINS -	ABOVE 2500 FEET: FEB. 15 - MAY 15
	BELOW 2500 FEET: FEB. 1 - MAY 1
PIEDMONT -	JAN. 1 - MAY 1
COASTAL PLAIN -	DEC. 1 - APR. 15

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH:
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL.

MAINTENANCE:
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

TABLE 6.10b - TEMPORARY SEEDING RECOMMENDATIONS FOR SUMMER

SEEDING MIXTURE

SPECIES	RATE (LBS/ACRE)
GERMAN MILLET	40

IN THE PIEDMONT AND MOUNTAINS, A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.

SEEDING DATES:

MOUNTAINS -	MAY 15 - AUG. 15
PIEDMONT -	MAY 1 - AUG. 15
COASTAL PLAIN -	APR. 15 - AUG. 15

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH:
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL.

MAINTENANCE:
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

TABLE 6.10c - TEMPORARY SEEDING RECOMMENDATIONS FOR FALL

SEEDING MIXTURE

SPECIES	RATE (LBS/ACRE)
RYE (GRAIN)	120

SEEDING DATES:

MOUNTAINS -	AUG. 15 - DEC. 15
PIEDMONT -	AUG. 15 - DEC. 30
COASTAL PLAIN -	AUG. 15 - DEC. 30

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 10-10-10 FERTILIZER.

MULCH:
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL.

MAINTENANCE:
REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE (PIEDMONT AND COASTAL PLAIN) OR KOREAN (MOUNTAINS) LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

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grounded ENGINEERING

WILLIAM PEACE UNIVERSITY
PARKING LOT #9A

EROSION CONTROL DETAILS

ISSUE DATE	SUBMITTAL DESCRIPTION
08.17.2026	0 - INITIAL SUBMITTAL TO CITY OF RALEIGH

PROJECT # 25018

SHEET # C-911

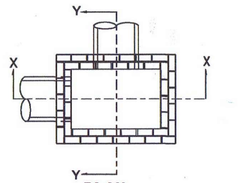
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

REFER TO SHEET C-003 FOR PROJECT AND SHEET SPECIFIC NOTES.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.
1-12

ENGLISH STANDARD DRAWING FOR
BRICK DROP INLET
12" THRU 30" PIPE

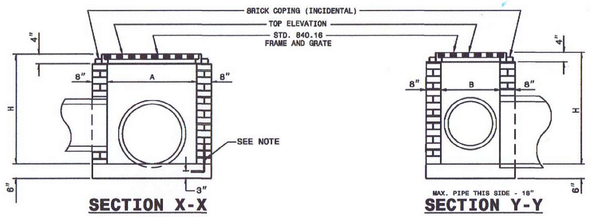
SHEET 1 OF 1
840.15



PLAN
WITH COPING REMOVED

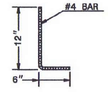
GENERAL NOTES:

MORTAR JOINTS ½" +/- ⅛" THICK.
USE CLASS "B" CONCRETE THROUGHOUT.
USE FORMS FOR CONSTRUCTION OF THE BOTTOM SLAB.
USE #4 BAR DOWELS AT 12" CENTERS.
DEDUCT FOR PIPE(S) FROM TOTAL CU. YDS. OF BRICK MASONRY.
PROVIDE ALL CATCH BASINS OVER 3'-6" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.
USE BRICK OR CONCRETE BLOCK WHICH COMPLIES WITH THE REQUIREMENTS OF SECTION 840 OF THE STANDARD SPECIFICATIONS.
IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.
FOR 8'-0" IN HEIGHT OR LESS, USE 8" WALL. OVER 8'-0" IN HEIGHT, USE 12" WALL TO 6'-0" FROM TOP OF WALL AND 8" WALL FOR THE REMAINING 6'-0". QUANTITES TO BE ADJUSTED ACCORDINGLY.
CONSTRUCT WITH PIPE CROWNS MATCHING.
SEE STANDARD DRAWING 840.25 FOR ATTACHMENT OF FRAMES AND GRATES.
DO NOT USE BRICK MASONRY DROP INLET IN LOCATIONS SUBJECT TO TRAFFIC.
CHAMFER ALL EXPOSED CORNERS 1".
DRAWING NOT TO SCALE.



SECTION X-X

SECTION Y-Y



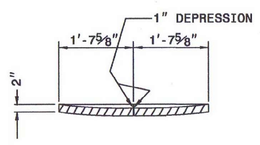
DOWEL

DIMENSIONS AND QUANTITIES FOR DROP INLET(BASED ON MIN. HEIGHT, H)								
DIMENSIONS OF BOX & PIPE				CUBIC YARDS CONCRETE	CUBIC YARDS BRICK MASONRY		DEDUCTIONS FOR ONE PIPE	
PIPE	SPAN	WIDTH	MIN. HEIGHT	BOTTOM SLAB	WALL PER FOOT HT.	TOTAL BRICK MASONRY FOR MIN. HEIGHT, H	C.S.	R.C.
D	A	B	H					
12"	3'-0"	2'-0"	2'-0"	0.268	0.313	0.522	0.020	0.032
15"			2'-3"	0.268	0.313	0.600	0.031	0.047
18"			2'-6"	0.268	0.313	0.678	0.044	0.065
24"			3'-0"	0.268	0.313	0.835	0.078	0.113
30"	3'-0"	2'-0"	3'-6"	0.268	0.313	0.991	0.122	0.170

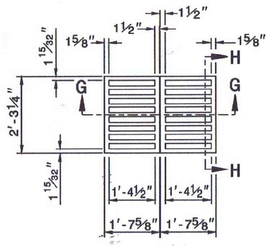
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.
1-12

ENGLISH STANDARD DRAWING FOR
DROP INLET FRAME AND GRATES
FOR USE WITH STD. DWG.S 840.14 AND 840.15

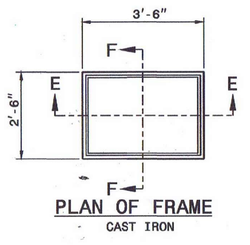
SHEET 1 OF 1
840.16



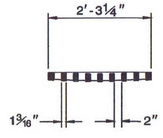
SECTION G-G



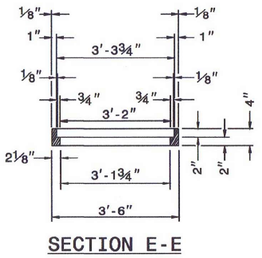
PLAN OF GRATING
CAST IRON



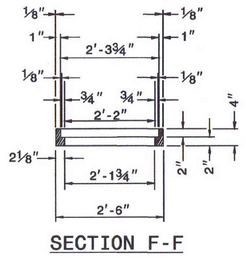
PLAN OF FRAME
CAST IRON



SECTION H-H



SECTION E-E

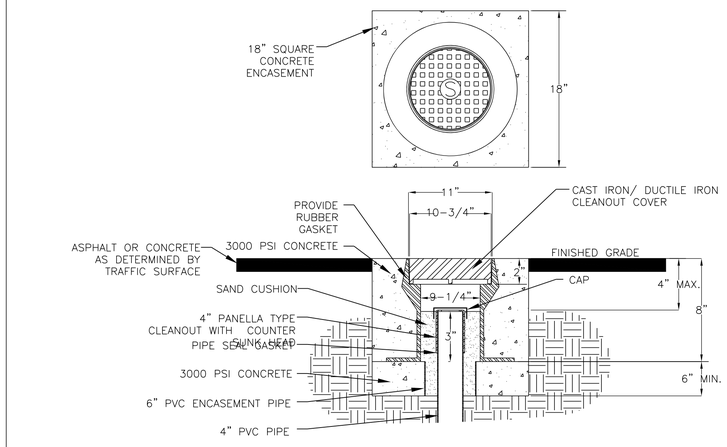


SECTION F-F

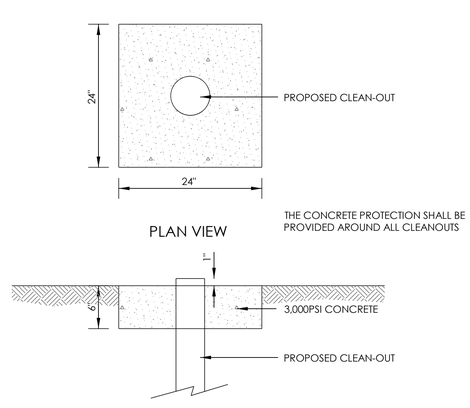
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.
1-12

ENGLISH STANDARD DRAWING FOR
DROP INLET FRAME AND GRATES
FOR USE WITH STD. DWG.S 840.14 AND 840.15

SHEET 1 OF 1
840.16



MINI-MANHOLES FOR CLEAN-OUTS



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WILLIAM PEACE UNIVERSITY
PARKING LOT #9A
STORM DRAINAGE DETAILS

ISSUE DATE	SUBMITTAL DESCRIPTION
08.17.2026	0 - INITIAL SUBMITTAL TO CITY OF RALEIGH

PROJECT #
25018

SHEET #
C-920

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	CALIPER	INSTALL HEIGHT	B&B OR CONT.
TREES						
	2	Amelanchier laevis 'Snowcloud'	Snowcloud Allegheny Serviceberry	1 1/2" MIN.	6' MIN.	CONTAINER
	6	Ulmus americana 'Princeton'	Princeton American Elm	3" MIN.	10' MIN.	B&B

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SPACING	INSTALL HEIGHT	INSTALL SPREAD
SHRUBS						
	19	Callicarpa americana 'Atropurpurea'	American Beautyberry	AS SHOWN	18" MIN.	
	88	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	AS SHOWN	18" MIN.	18" MIN.
GRASSES						
	764	Nassella tenuissima	Mexican Feather Grass	AS SHOWN	10" MIN.	
TURF						
	3,888 sf	Cynodon dactylon x transvaalensis `Tifway 419`	Tifway 419 Bermudagrass	---	SOD	

LANDSCAPE REQUIREMENTS

APPLICABILITY (UDO SEC. 7.2.2.B.2

LANDSCAPING REQUIRED FOR IMPROVED SITE AREA ONLY

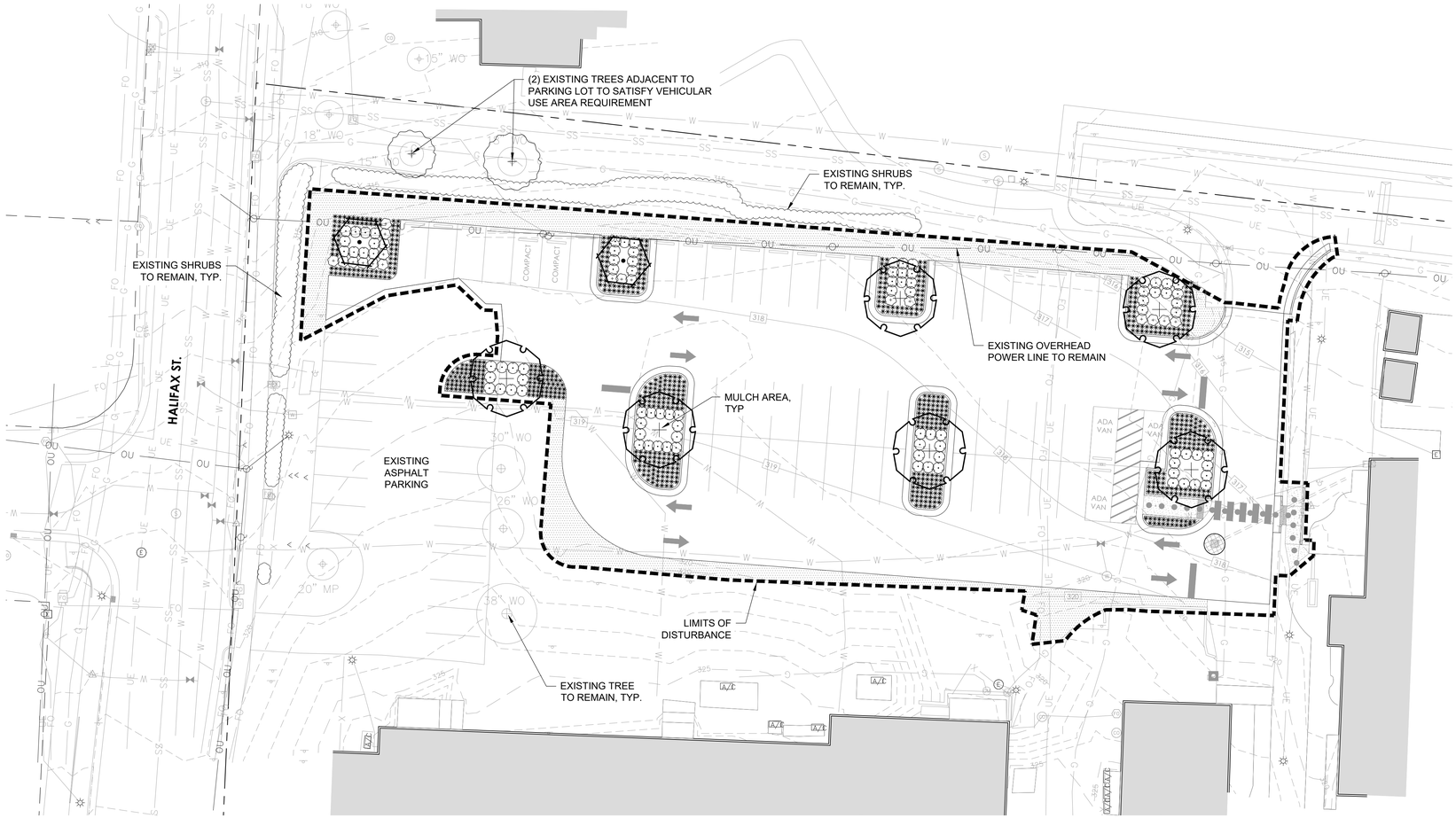
VEHICULAR USE AREA

REQUIRED: (1) SHADE TREE PER 2,000 SF OF PARKING AREA

PARKING LOT AREA: 20,149 SF
REQUIRED: (10) TREES
PROVIDED: (8) PROPOSED TREES + (2) EXISTING TREES

NOTES

1. 4" "V" SHAPED SPADED BED EDGE, TYPICAL OF ALL PLANTING BEDS.
2. TRIPLE-SHREDDED HARDWOOD MULCH, TYPICAL OF ALL PLANTING BEDS.



SITE COLLABORATIVE
LANDSCAPE ARCHITECTURE
1620 Hillsborough St | Suite 100
Raleigh, NC 27605
919.805.3586

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William Peace University Parking Lot #9A

Peace College of Raleigh, Inc.
15 E. Peace St., Raleigh, North Carolina

PROJECT NUMBER: 25013

PROJECT PHASE: Site Permit Review Submittal

DATE: 08.17.2026

SHEET TITLE: PLANTING PLAN

SHEET NUMBER: L400