

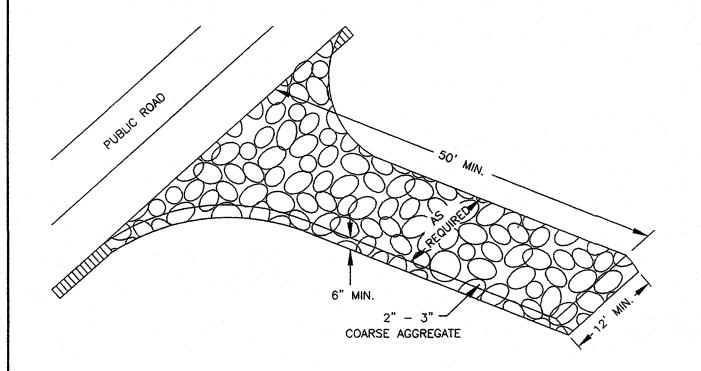
1. SYN. FENCE FABRIC SHALL BE MIN. OF 30" IN WIDTH WITH 30 LB/IN TENSILE STRENGTH FOR STANDARD FABRIC AND 50 LB/IN FOR EXTRA STRENGTH. 2. FABRIC SHALL BE CONTINUOUS LENGTH. IF JOINTS ARE NECESSARY, LAP FABRIC POST TO POST. 3. STEEL POST SHALL BE MIN 4' IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE.

TEMPORARY SILT FENCE

CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED

TEMPORARY SILT FENCE MAINTENANCE INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING REMOVE ALL FENCING MATERIALS AND UNSTABLE IT AFTER THE



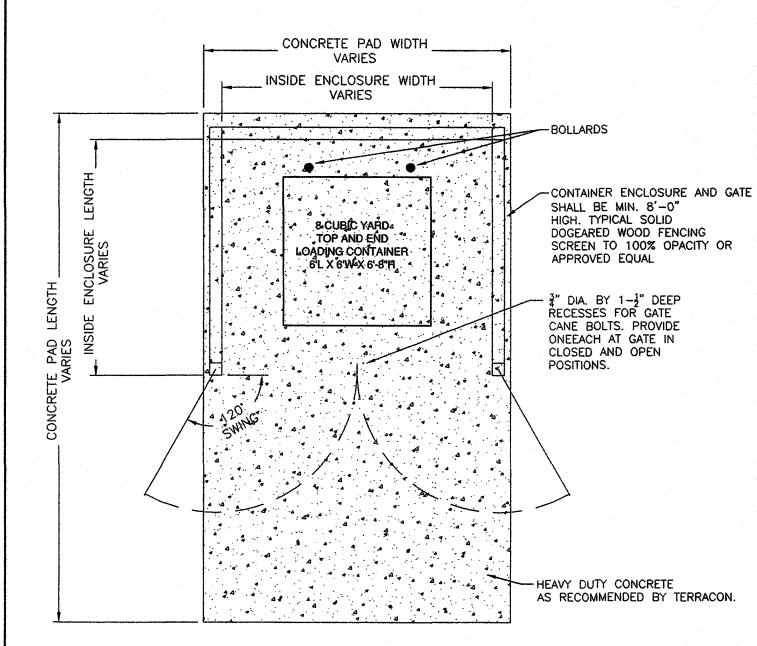
TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE

GRAVEL CONSTRUCTION ENTRANCE

CONSTRUCTION SPECIFICATION: 1. CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE

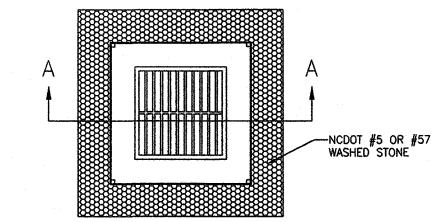
2. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH 3. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET 4. USE GEOTEXTILE FABRICS BECAUSE THEY IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

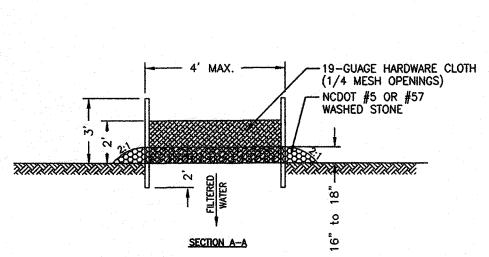
MAINTENANCE: MAINTAIN THE GRAVEL PAD IS A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2 INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC



TYPICAL CONTAINER ENCLOSURE PLAN

NOTE: DUMPSTER PAD AND ENCLOSURE VARY DEPENDING UPON CONTAINER REQUIREMENTS PER DOLLAR GENERAL. CONTRACTOR SHALL PROVIDE SCREENING SO THAT PROPER CLEARANCES ARE MAINTAINED TO ALLOW LOADING & UNLOADING OF CONTAINER.





HARDWARE CLOTH & GRAVEL INLET PROTECTION

WITH NO CURB.
1/2" EXPANSION JOINT (E.J.) REQUIRED AT 30' MAX. AT SIDEWALK JUNCTIONS, AT STRUCTURES, AND AS NOTED ON SITE PLAN.
PROVIDE A LAYER OF 15# BLDG. FELT BETWEEN WALK AND ADJACENT PARALLELING CURB OR STRUCTURE.
REINFORCE w/6x6-10/10 W.W.M.

30' MAX. SPACING

SIDEWALK JOINT DETAILS

CURB END DETAIL

PLAN VIEW

HOLES

FRONT VIEW

WHEEL STOP DETAIL

END VIEW

NTS

REINFORCING:

CONCRETE:

4 - #4 REBAR

<u>x LENGTH x HEIGHT</u>

× 7'-0" × 4"

4000 PSI @

28 DAYS

CONCRETE CURB & GUTTER

CONSTRUCTION SEQUENCE: 1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET 2. DRIVE 5' STEEL POST 2' INTO THE GROUND SURROUNDING THE INLET. SPACE POST EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4' APART.

3. SURROUND THE POST WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POST AT THE TOP, MIDDLE AND BOTTOM. PLACING A 2' FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED.

4. PLACE CLEAN GRAVEL (NCDOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16" TO 18" AROUND THE WIRE, AND SMOOTH TO AN EVEN GRADE.

5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS. 6. COMPACT THE AREA PROPERLY AND STABILIZE IT WITH GROUNDCOVER.

1/8"R TOOLED

1/8"R TOOLED JOINT

EXPANSION JOINT (E.J.)

CONTRACTION JOINT (C.J.)

1' - 2' -----

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

4" CONC. SIDEWALK

TURN DOWN SIDEWALK

-x---x---x---x----x--

w/6x6-10/10 W.W.M.

TEMPORARY/PERMANENT **GRASS SPECIFICATION**

CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS.

RIP THE ENTIRE AREA TO A 6 INCH DEPTH. REMOVE ALL ROCKS, ROOTS AND OTHER OBSTRUCTIONS LEAVING SURFACES APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL.

LIME: 45 LBS. PER 1000 S.F. PHOSPHOROUS: 20 LBS PER 1000 S.F. FERTILIZER: 17 LBS. PER 1000 S.F. CONTINUE TILLAGE UNTIL A WELL PULVERIZED, FIRM, UNIFORM SEED BED IS PREPARED 4-6 INCHES DEEP.

SEED ON A FRESHLY PREPARED SEED BED AND COVER SEED LIGHTLY. 2 - 3 LBS PER 1000 S.F. (SEE MIXTURE BELOW) MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. GRAIN STRAW & HAY AT 75 TO 100 LBS PER 1000 S.F. WOOD CHIPS AT 500 LBS. PER 1000 S.F.

JUTE & MESH AS PER MANUFACTURER ASPHALT FOR ANCHORING MULCH SHALL BE TYPE SS-1 EMULSION AND APPLIED AT A RATE OF 1000 GAL. PER ACRE FOR SLOPE STABILIZATION, AND 150 GAL. PER TON OF STRAW FOR ANCHORING STRAW. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEED WITHIN THE PLANTING SEASON, IF POSSIBLE. IF GRASS STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.

. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE, TREATMENT, AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED. SEED FOR TEMPORARY AND PERMANENT APPLICATIONS SHALL BE: 20% CARPET GRASS

24% BERMUDA GRASS 20% TURF FESCUE 10% CREEPING RED FESCUE 24% ANNUAL RYE GRAIN BERMUDA SEED SHALL BE HULLED FOR WARM WEATHER PLANTING. PURITY OF SEED SHALL BE A MIN. OF 98% AND

GERMINATION SHALL BE A MIN. OF 85%.

ALL DISTURBED AREA SHALL BE SEEDED WITHIN 7 TO 14 DAYS OF THE COMPLETION OF GRADING. CONSULT CONSERVATION ENGINEER OR SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS, OTHER SEEDING SCHEDULES MAY BE POSSIBLE.

NPDES STABILIZATION TIMEFRAMES		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES

TEMPORARY SEEDING RECOMMENDATIONS FOR FALL

RATE (lb/acre)

SPECIES RYE (GRAIN)

SEEDING DATES MOUNTAINS - AUG. 15 - DEC. 15 COASTAL PLAIN AND PIEDMONT - AUG. 15 - DEC. 15

SOIL AMENDMENTS FOLLOW SOIL TEST OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 1,000 lb/acre 10-10-10 FERTILIZER.

SEEDING MIXTURE

APPLY 4,000 Ib/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL. MAINTENANCE

REPAIR AND REFERTILIZE DAMAGE AREAS IMMEDIATELY. TOP DRESS WITH 50 lb/acre OF NITROGEN IN MARCH, IF IT IS NECESSARY TO EXTENT 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.

TEMPORARY SEEDING RECOMMENDATIONS FOR LATE WINTER AND EARLY SPRING

SEEDING MIXTURE SPECIES RATE (lb/acre)

RYE (GRAIN) ANNUAL LEŚPEDEZA (KOBE IN PIEDMONT AND COASTAL PLAIN, KOREAN

COASTAL PLAIN -

N MOUNTAINS) OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

SEEDING DATES MOUNTAINS -ABOVE 2,500 FEET: FEB. 15 - MAY 15 BELOW 2,500 FEET: FEB. 1 - MAY 1 PIEDMONT -JAN. 1 - MAY 1

SOIL AMENDMENTS FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/gcre 10-10-10 FERTILIZER.

DEC. 1 - APRIL 15

MULCH APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

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

1'-6" 1'-0" CLASS A CONC. -18" FLOW LINE CURB SECTION

ASPHALT

NOTE: CURB TYPE DEPENDS ON GRADES SHOWN ON GRADING PLAN, GRADES INDICATING FALL AWAY FROM CURB SHALL BE SPILL OFF TYPE CURB. GRADES INDICATING CURB ACCEPTING FLOW SHALL BE FLOW LINE TYPE.

1. PRIOR TO ANY FIELD MODIFICATION, REVISIONS SHALL BE APPROVED BY N&T. ANY DEVIATIONS FROM APPROVED PLANS MAY RESULT IN NON CONFORMANCE WITH PERMITS OR PERMITTED CONDITIONS. REVISIONS MAY REQUIRE RE-ANALYSIS & PERMIT MODIFICATION AT OWNERS EXPENSE AND COULD POTENTIALLY DELAY C.O. OR REQUIRE WORK STOPPAGE UNTIL PROJECT IS BROUGHT BACK INTO PERMIT COMPLIANCE.

1. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF-INCH RAINFALL ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH. THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL SPILLED WASHED OR TRACKED ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS. SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, BLOCK AND GRAVEL INLET PROTECTION, ROCK DOUGHNUT INLET

1. THE CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH FIELD

2. CONTRACTOR SHALL COORDINATE WORK WITHIN NCDOT AND LOCAL RIGHT

OF WAYS WITH PROPER AUTHORITIES AND SHALL MEET ANY REQUIREMENTS AS TO TRAFFIC CONTROL AND CONNECTION TO EXISTING STREETS.

3. CLEARING AND GRUBBING: REMOVE ALL TREES AS REQUIRED UNLESS

CONCRETE, STRUCTURES, BURIED UTILITIES, STORAGE TANKS, ETC. WITHIN

5. MUCKING: REMOVE ANY SOFT, ORGANIC SILT MATERIALS AND EXISTING

OTHERWISE NOTED TO REMAIN, STUMPS, ROOTS, SHRUBBERY, ASPHALT,

4. STRIPPING: BEFORE EXCAVATING OR FILLING, REMOVE ALL TOPSOIL

BURIED CONSTRUCTION DEBRIS AS REQUIRED AND FILL TO SUBGRADE

BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL

MATERIAL REQUIRED FROM OFF SITE AND OBTAIN ALL REQUIRED PERMITS

7. BORROW MATERIAL: THE CONTRACTOR SHALL FURNISH BORROW

BE COMPACTED TO AT LEAST 98% OF MAXIMUM DENSITY AT OPTIMUM

SHOULD BE UNDERCUT AND REPLACED WITH A CLEAN, SILTY OR CLAYEY

SAND HAVING A UNIFIED SOIL CLASSIFICATION OF SP, SM, OR SC. FILL

LAYERS NOT TO EXCEED 8" AND COMPACTED TO AT LEAST 95% OF THE

PLACED IN LAYERS NOT TO EXCEED 8" AND COMPACTED TO AT LEAST 98%

OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698) WITH

LAYERS TO 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY, IN

INCHES OF IN-PLACE SUBGRADE SHOULD BE COMPACTED TO AT LEAST 98%

WETTED IN ACCORDANCE WITH COMPACTION REQUIREMENTS. IF THE MATERIAL

OPTIMUM MOISTURE CONTENT IS OBTAINED. FILL SHALL BE PLACED IN SUCH

A MANNER THAT THE SURFACE WILL DRAIN READILY AT ALL TIMES. SEE STRUCTURAL NOTES AND SOILS REPORT FOR ADDITIONAL REQUIREMENTS.

9. LAYOUT: THE CONTRACTOR SHALL PROVIDE ALL LAYOUT REQUIRED TO

10. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION

11. EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION FROM SURVEY BY

NORRIS & WARD LAND SURVEYING AND PROVIDED BY OWNER. 12. THE CONTRACTOR SHALL VERIFY DIMENSIONS AT JOBSITE. 13. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF RELOCATION OR DISCONNECTION OF ALL EXISTING UTILITIES WITH

16. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE.

FACTORY MIXED, QUICK DRYING, NON-BLEEDING

EROSION CONTROL NOTES AND MAINTENANCE PLAN

14. ALL PAVEMENT AND BASE MATERIALS AND WORKMANSHIP SHALL

17. SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.

OR "RAM NECK". INSTALL PER MANUFACTURER'S REQUIREMENTS.

18. CONTRACTOR SHALL NOTE THAT EARTHWORK QUANTITIES ARE HIS RESPONSIBILITY. PLANS DO NOT REPRESENT A BALANCED EARTHWORK

SHALL BE A CHLORINATED RUBBER ALKYD, FS TT-P-115, TYPE III,

EXCEPT AT ENTRANCES AND ENTRANCE TRANSITIONS OR AS NOTED.

19. REINF. CONC. PIPE SHALL BE CLASS III W/RUBBER GASKETED JOINT

20. USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT

21. REFER TO THE PLUMBING DRAWINGS FOR LOCATION AND INVERTS OF

22. THE FINISHED GROUND ELEVATION AT THE BUILDING PERIMETER SHALL

BE A MINIMUM OF 6 INCHES BELOW THE BUILDING FINISH FLOOR ELEVATION

15. WATER AND SEWER SERVICES SHALL BE INSTALLED TO MEET LOCAL AND STATE PLUMBING CODES. METER AND TAPS SHALL MEET ALL LOCAL

AREAS WHERE NO STRUCTURAL FILL IS TO BE PLACED THE UPPER 12

OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY. IF THE MATERIAL IS

IS TOO WET TO SECURE PROPER COMPACTION, IT SHALL BE HARROWED

REPEATEDLY OR OTHERWISE AERATED WITH SUITABLE EQUIPMENT UNTIL

TOO DRY TO COMPACT TO THE REQUIRED DENSITY EACH LAYER SHALL BE

THE UPPER 12 INCHES OF SUBGRADE BEING COMPACTED IN 6 INCH

MATERIAL 5' OUTSIDE OF BUILDING AREAS SHALL THEN BE PLACED IN

STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698) WITH THE

UPPER 12 INCHES OF SUBGRADE BEING COMPACTED TO 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY. FILL MATERIALS WITHIN

BUILDING AREAS TO A LINE OUTSIDE THE BUILDING AREAS SHALL BE

MOISTURE CONTENT. ANY AREA WHICH PUMPS OR RUTS EXCESSIVELY

ELEVATIONS WITH A CLEAN SELECT-FILL COMPACTED AS SPECIFIED.

WOOD, LEAVES, AND ANY OTHER UNSUITABLE MATERIAL.

CONSTRUCTION CONDITIONS.

LIMITS OF CONSTRUCTION.

CONSTRUCT HIS WORK.

REQUIREMENTS.

CONDITION.

OF EXISTING UTILITIES DURING CONSTRUCTION.

APPLICABLE AGENCIES AND AUTHORITIES.

CONFORM TO NODOT STANDARDS.

NEW WASTE AND WATER LINES.

APPLICABLE LOCAL AND STATE CODES.

ASSOCIATED WITH BORROW OPERATIONS.

PROTECTION AND ROCK PIPE INLET PROTECTION WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND HARDWARE CLOTH TO ALLOW PROPER DRAINAGE. SILT SACKS WILL BE EMPTIED ONCE A WEEK AND AFTER EVERY RAIN EVENT. SEDIMENT WILL BE REMOVED FROM AROUND BEAVER DAMS, DANDY SACKS AND SOCKS ONCE A WEEK AND AFTER EVERY RAIN

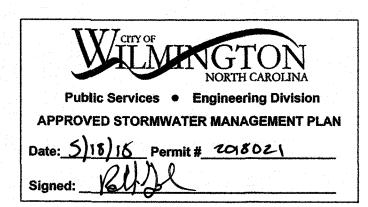
SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL. STAKE SPACING WILL BE 6 FEET MAX. WITH THE USE OF EXTRA STRENGTH FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX. WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE SEDIMENT FENCE, THE ROCK WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF-FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED. SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE

DESIGN STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS OR F THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR REPLACED IF THEY COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. SEDIMENT WILL BE REMOVED FROM BAFFLES WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.

LAND QUALITY REQUIRES

6. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED, ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN, TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 14 CALENDAR DAYS. ALL OTHER AREAS WILL BE STABILIZED WITHIN 14 WORKING DAYS. : WATER QUALITY REQUIRES ALL SEEDED AREAS BE FERTILIZED, RESEEDED AS NECESSARY AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. ALL PERIMETER DIKES, SWALES, HORIZONTAL TO DITCHES, PERIMETER SLOPES, ALL SLOPES STEEPER THAN (3:1) VERTICAL AND ALL HIGH QUALITY WATER (HQW) ZONES SHALL PROVIDE TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICAL BUT IN ANY EVENT WITHIN SEVEN (7) CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL PROVIDE TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICAL BUT IN ANY EVENT WITHIN FOURTEEN (14) CALENDAR DAYS FROM THE LAST LAND-DISTURBING 7. BASIN OUTLET STRUCTURES AND SKIMMERS SHALL WITHDRAW WATER FROM THE SURFACE.

Approved Construction Plan inning Ncole Damith 5/22/18 raffic W GMD 00 5-128



S. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR EXCAVATED SPOIL SHALL 8. FILL AND COMPACTION: AFTER STRIPPING THOSE AREAS DESIGNATED TO RECEIVE FILL SHOULD BE PROOFROLLED. THE TOP 8" OF SUBGRADE SHALL

8
 Total

 $\mathbf{\omega}$ 3606

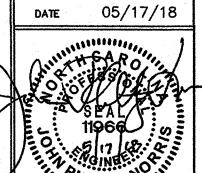
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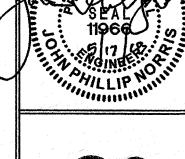
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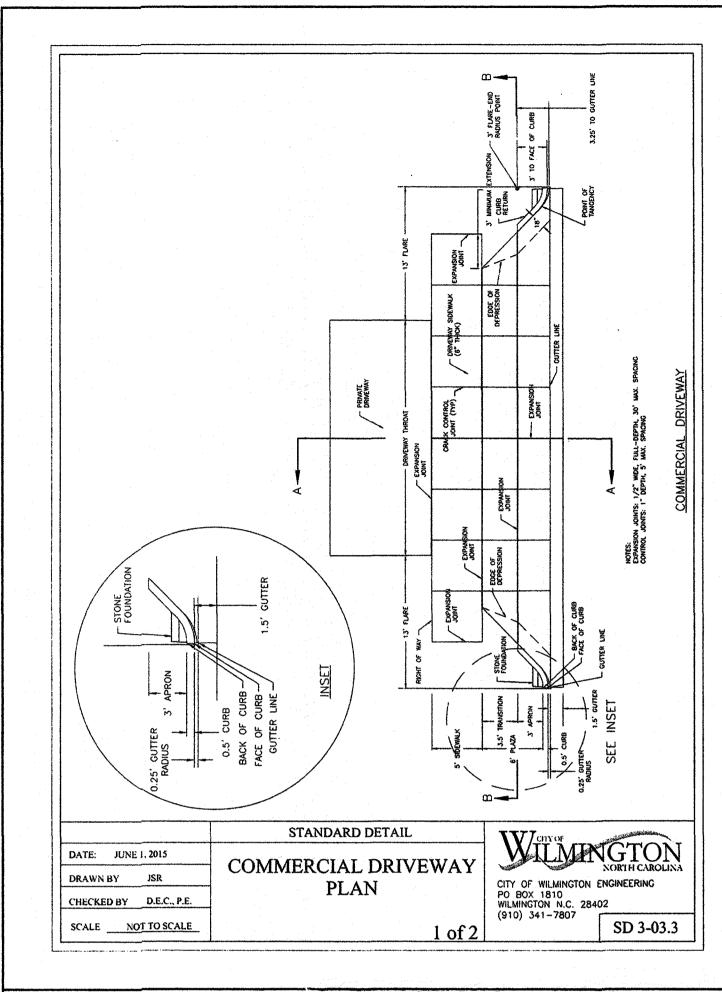
Licence #C-3641

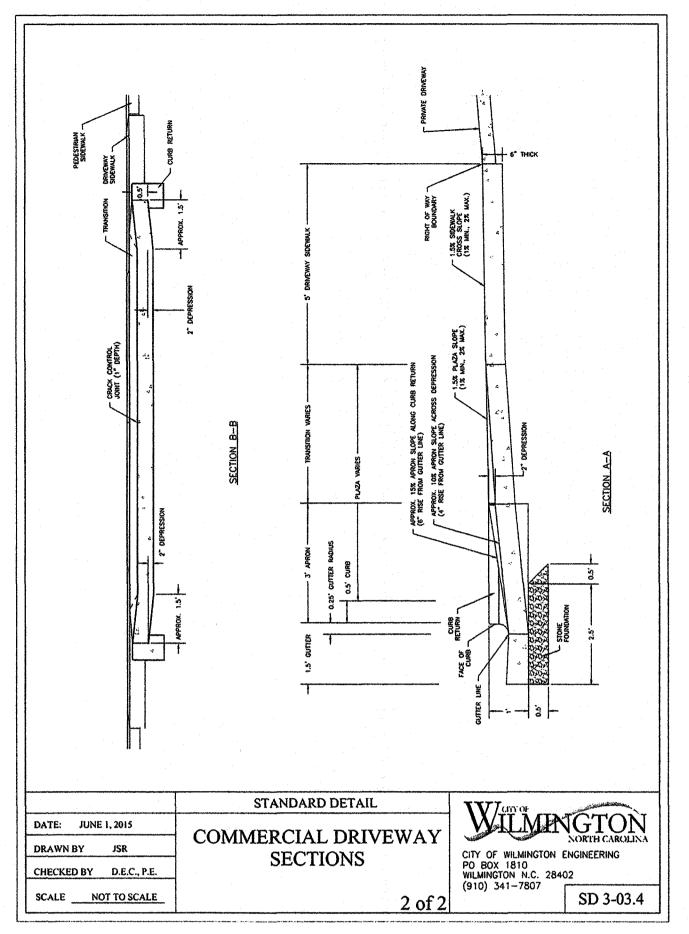
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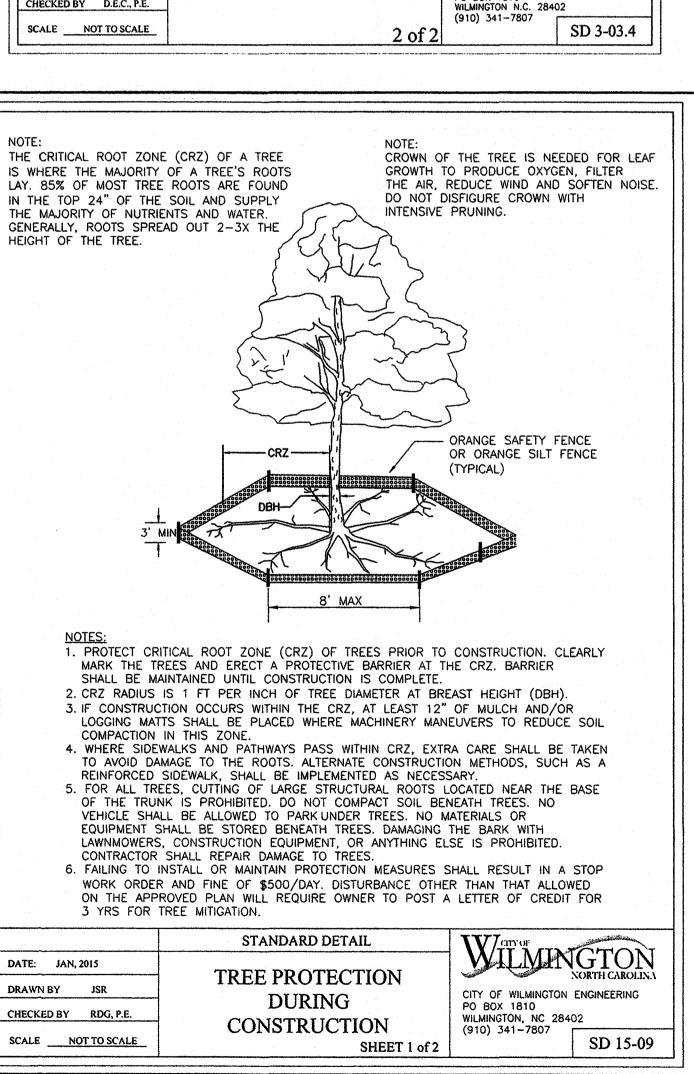
CKD. JPN NSB DRWN.

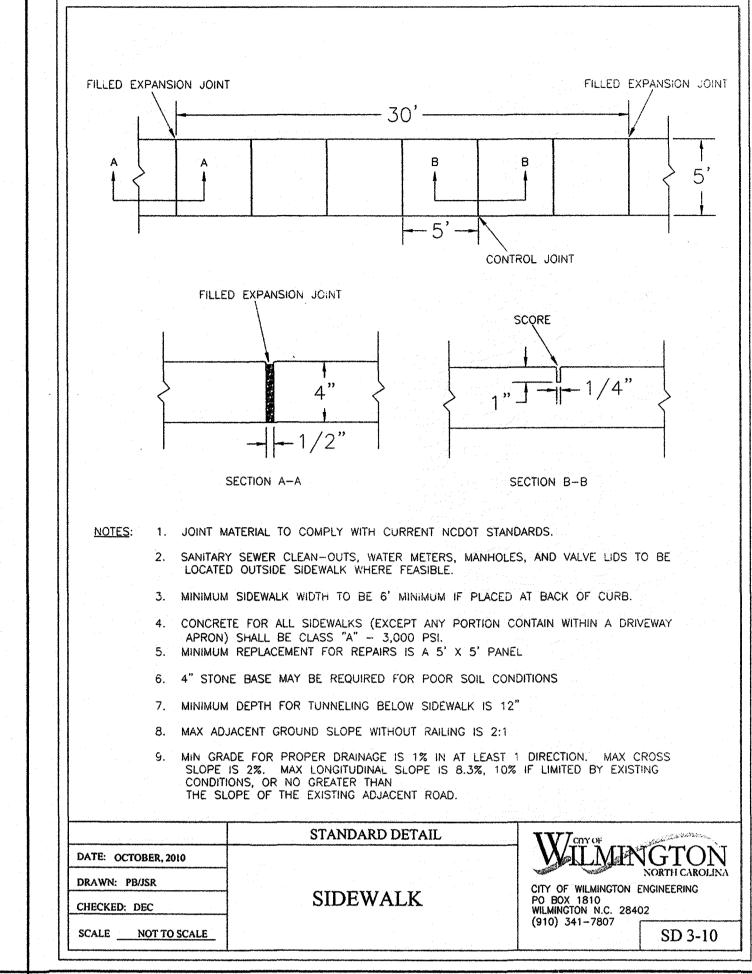


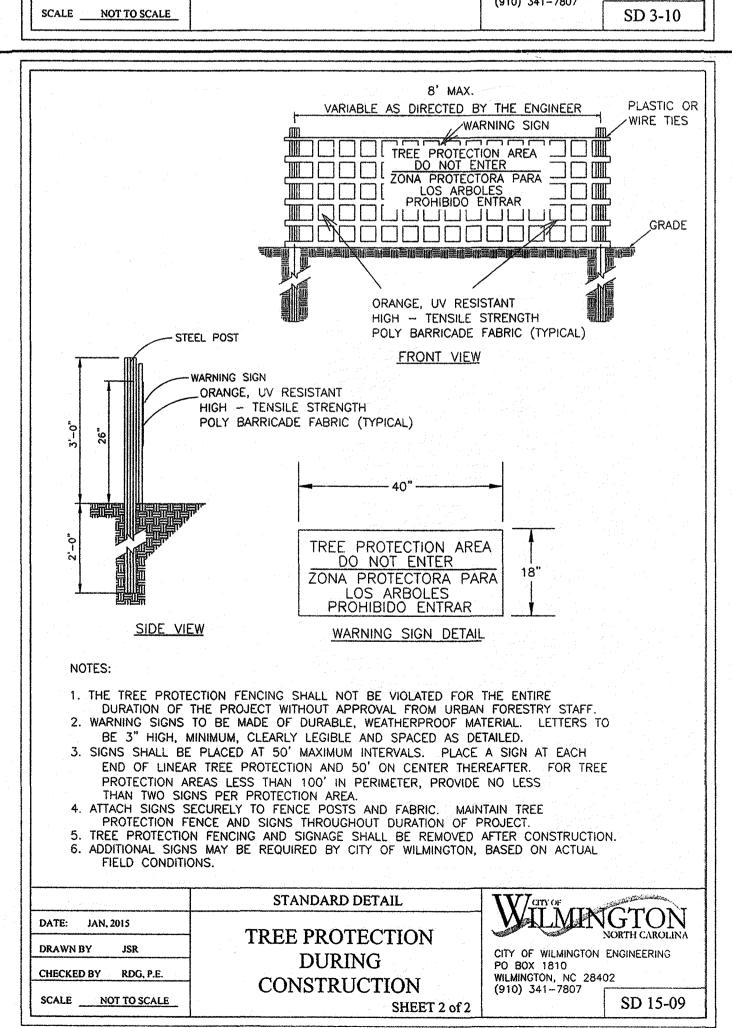


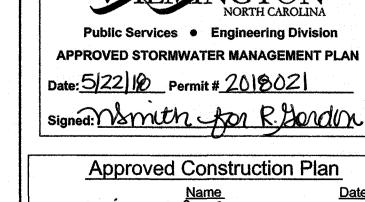












5/22/18 RECEIVED MAY 21 2018

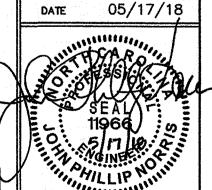
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NORRIS - CONSULT

Licence #C-3641 17033

DES. TJC CKD. JPN NSB DRWN.



PLANNING DIVISION

1/2" FILLED EXPANSION JOINT CONTRACTION JOINT (1/4" X 1" DEEP SCORE) AGGREGATE BASE COURSE VERTICAL CURB AND GUTTER SLOPE CURB H-6"-H-6" AGGREGATE BASE COURSE MEDIAN VERTICAL CURB AND GUTTER VERTICAL CURB GRANITE CURB

HEADER CURB

CITY OF WILMINGTON ENGINEERING

SD 3-11

PO BOX 1810 WILMINGTON N.C. 28402

NOTES: 1. EXPANSION JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS

STANDARD DETAIL

CURBING

3. MINIMUM INSTALLATION LENGTH IS 5 FT.

DATE: AUGUST, 2011

SCALE NOT TO SCALE

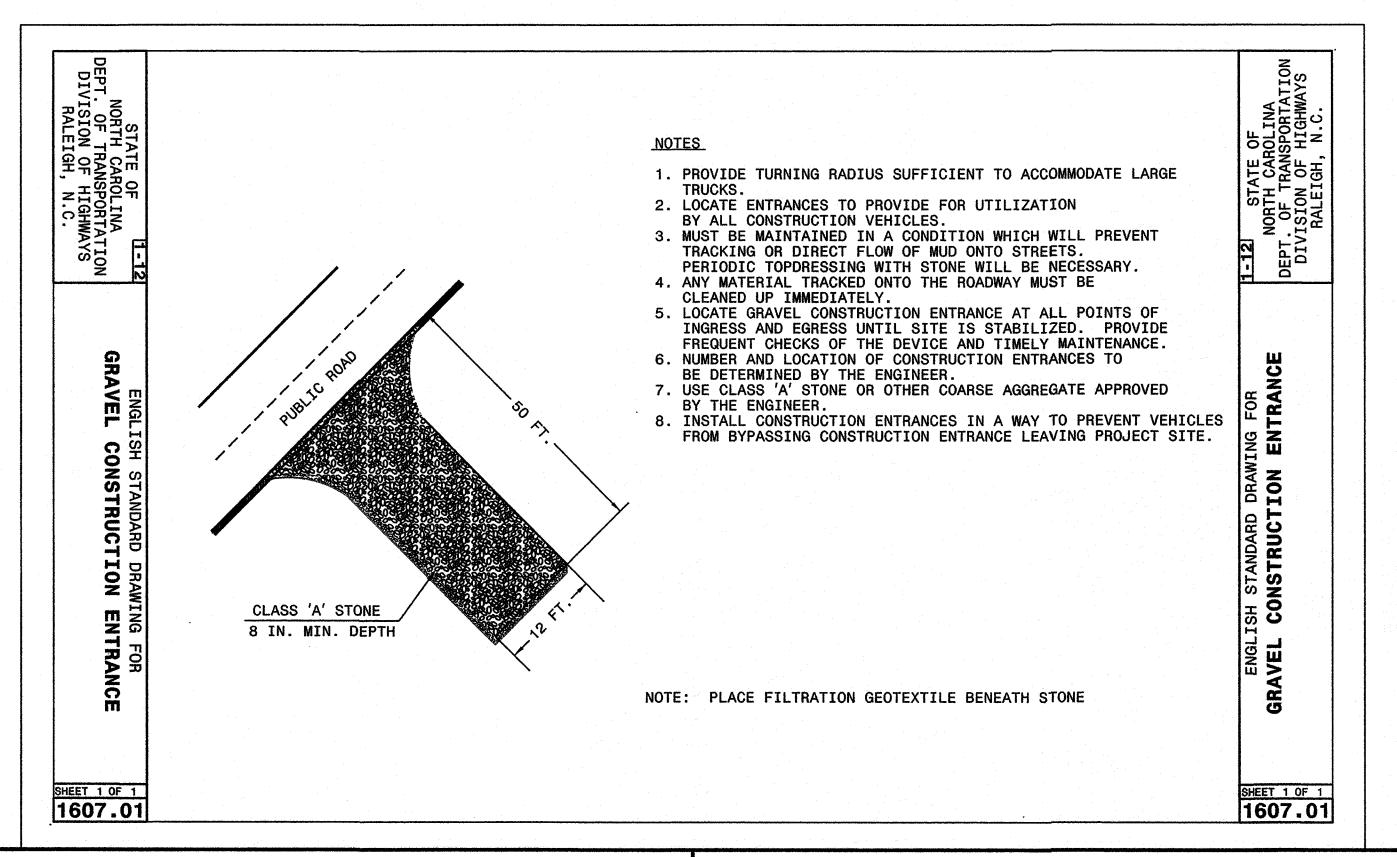
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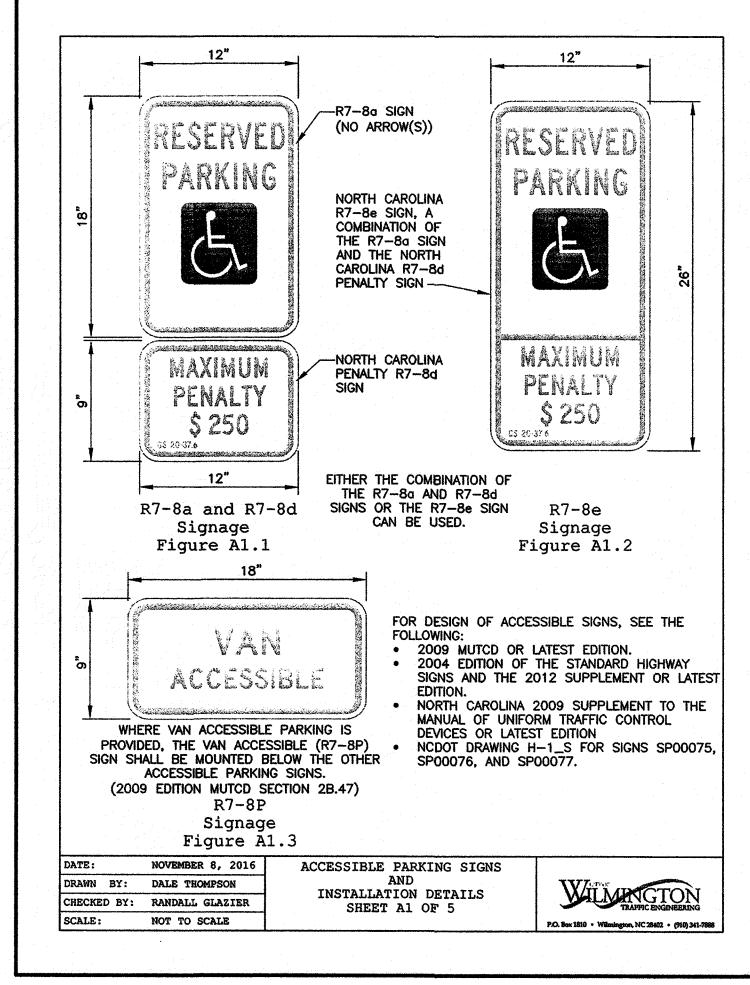
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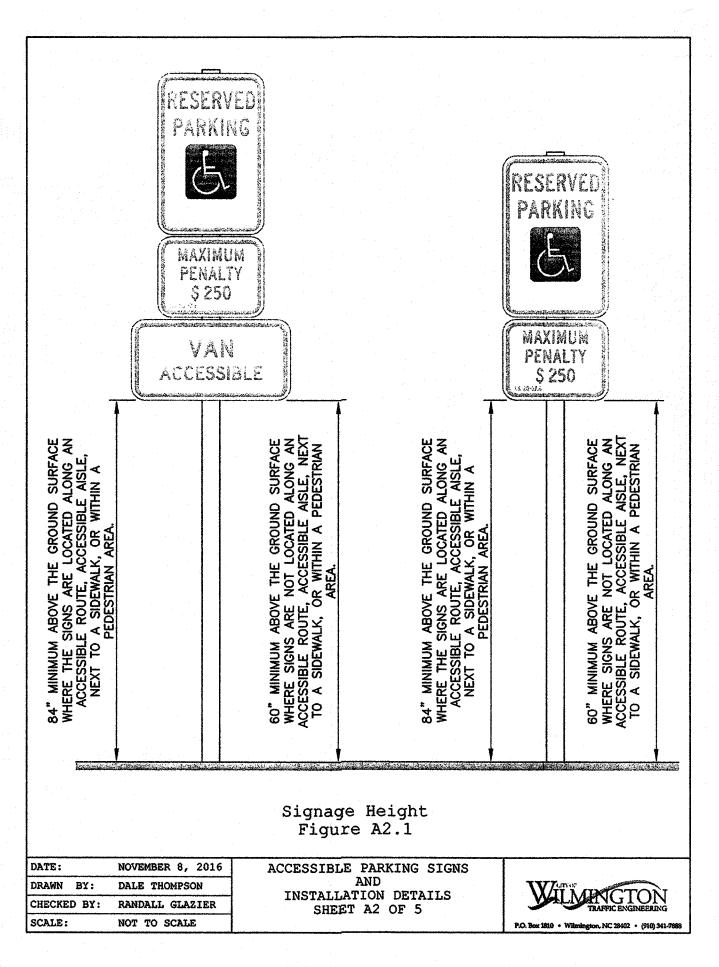
2. 50' MAX EXPANSION JOINT SPACING, 10' MAX CONTRACTION JOINT SPACING

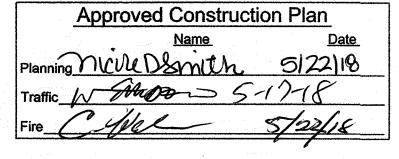
4. CONCRETE TO BE 3000 PSI MIN 5. VERTICAL CURB AND GUTTER BASE CAN BE SLOPED 3/4" OR USE A FLAT BASE

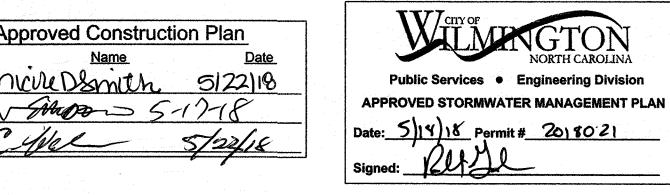
THE CRITICAL ROOT ZONE (CRZ) OF A TREE IS WHERE THE MAJORITY OF A TREE'S ROOTS LAY. 85% OF MOST TREE ROOTS ARE FOUND IN THE TOP 24" OF THE SOIL AND SUPPLY THE MAJORITY OF NUTRIENTS AND WATER. GENERALLY, ROOTS SPREAD OUT 2-3X THE HEIGHT OF THE TREE.

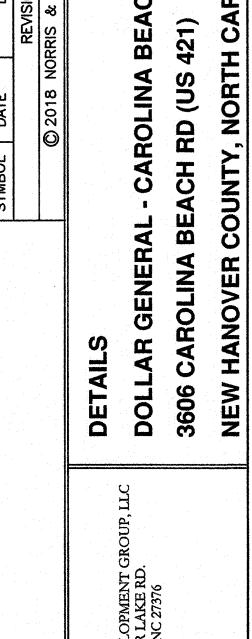












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CONSULTING

902 MARKET STREET WILMINGTON, NC 2 PHONE (910) 343-9653

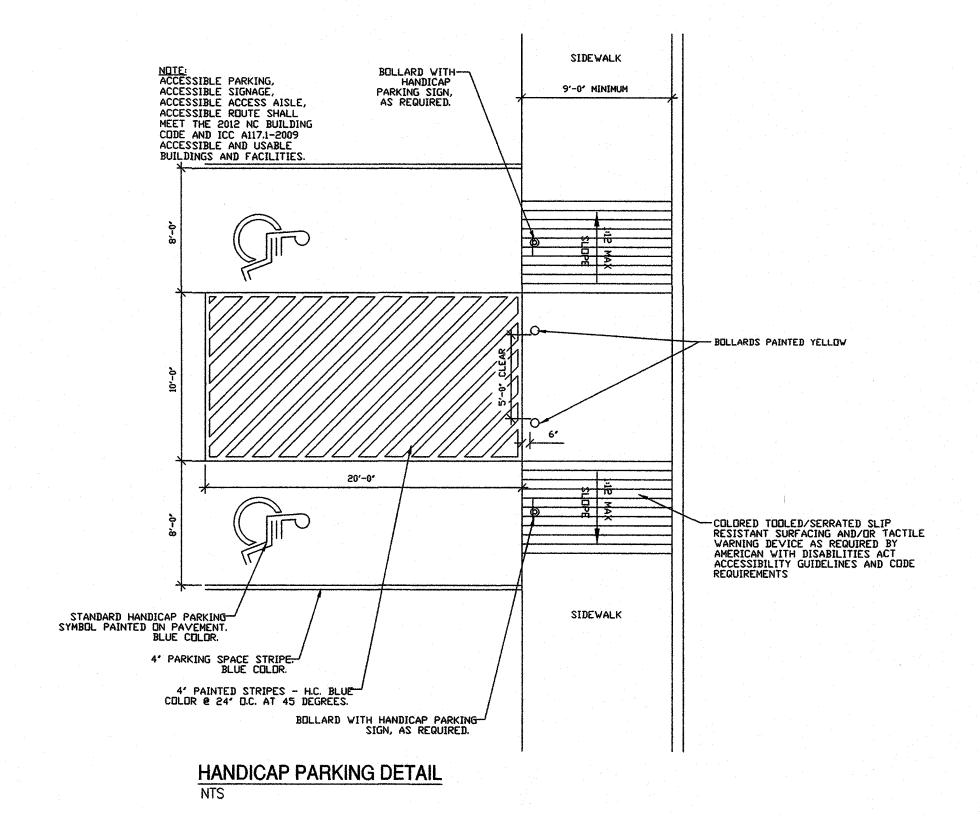
Licence #C-3641

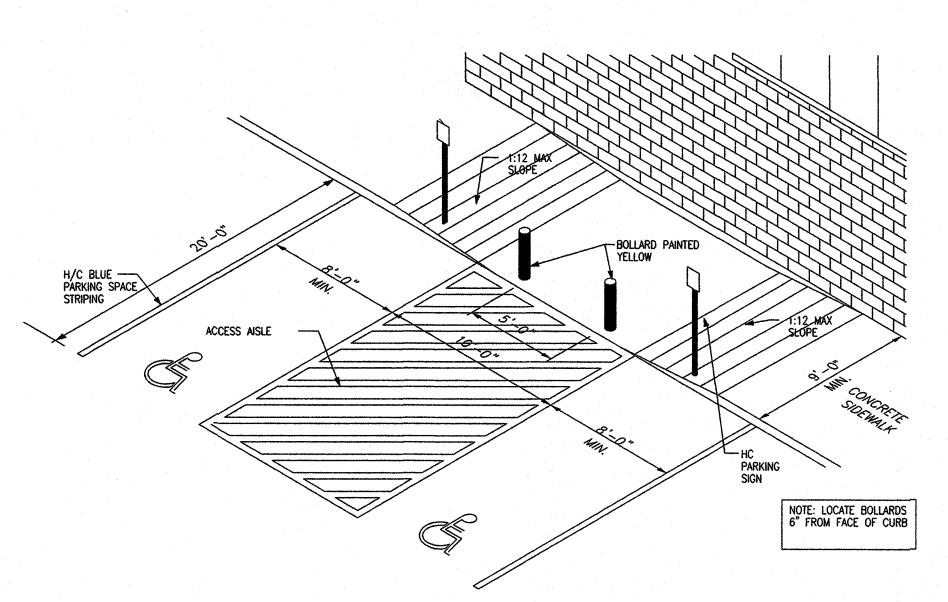
17033

TJC DES.

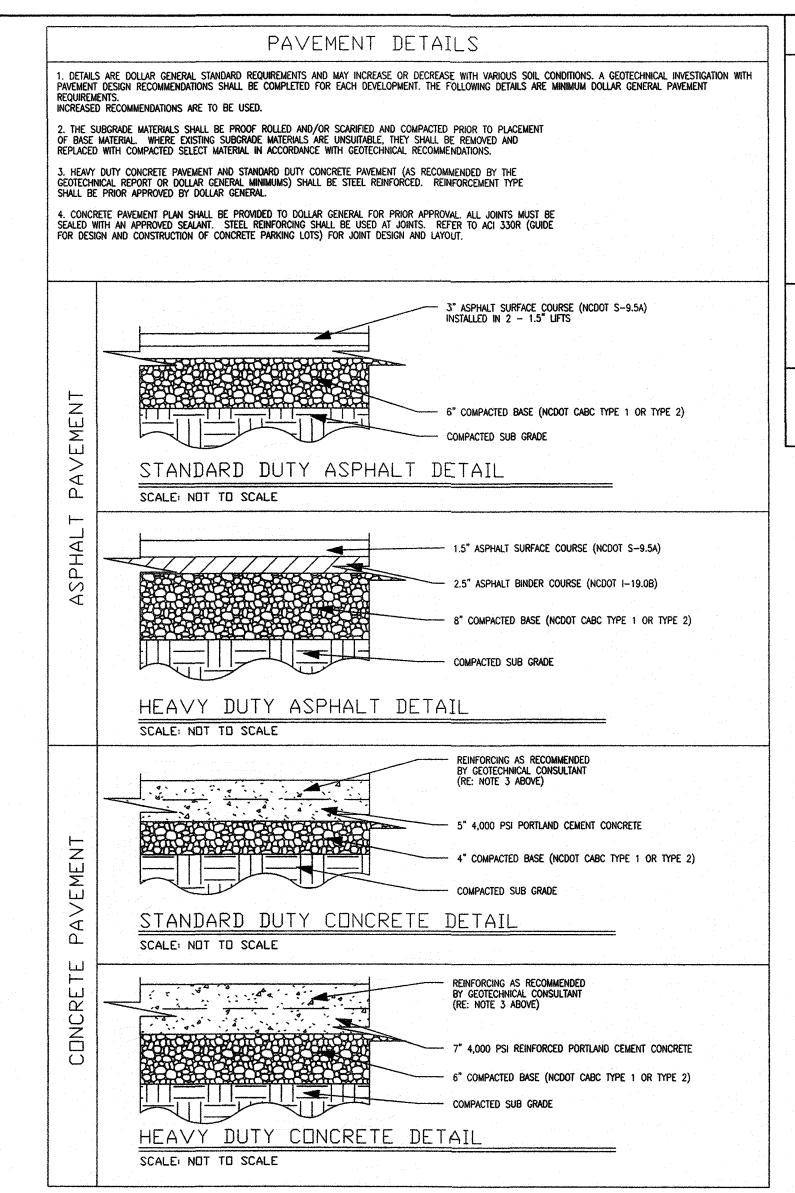
CKD. JPN NSB

DRWN. DATE 05/17/18





HANDICAP PARKING, ACCESS RAMP AND ACCESS AISLE DETAILS



* PAVEMENT SECTIONS HAVE BEEN EDITED TO REFLECT RECOMMENDATIONS PROVIDED BY TERRACON. SEE GEOTECHNICAL REPORT FOR ALL PAVING REQUIREMENTS.

Approved Construction Plan

Name
Date

Dat

Public Services • Engineering Division

APPROVED STORMWATER MANAGEMENT PLAN

Date: 51818 Permit # 2018021

Signed: Library Part Plan

NOTE:

1. PRIOR TO ANY FIELD MODIFICATION, REVISIONS
SHALL BE APPROVED BY N&T. ANY DEVIATIONS FROM
APPROVED PLANS MAY RESULT IN NON CONFORMANCE
WITH PERMITS OR PERMITTED CONDITIONS. REVISIONS MAY
REQUIRE RE-ANALYSIS & PERMIT MODIFICATION AT OWNERS
EXPENSE AND COULD POTENTIALLY DELAY C.O. OR REQUIRE
WORK STOPPAGE UNTIL PROJECT IS BROUGHT BACK INTO
PERMIT COMPLIANCE.

Licence #C-3641

17033

DES. JPN
CKD. JPN
DRWN. NSB

DATE 05/17/18

NORRIS & CONSULTING

902 MARKET STREET WILMINGTON, NC 284 PHONE (910) 343-9653

CAROL

COUNTY, NORTH

BEACH RD (US

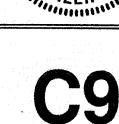
BEACH

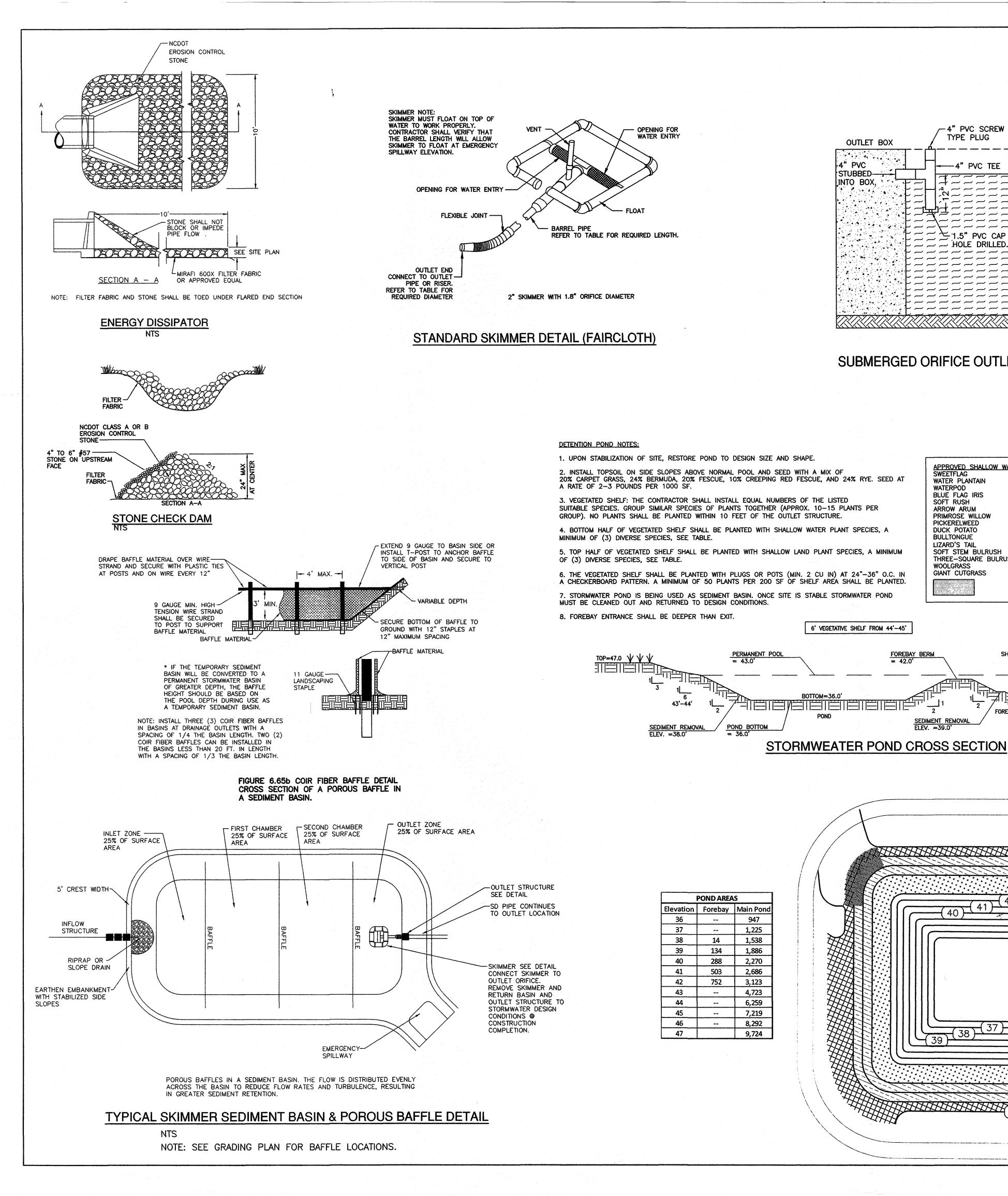
GENERAL

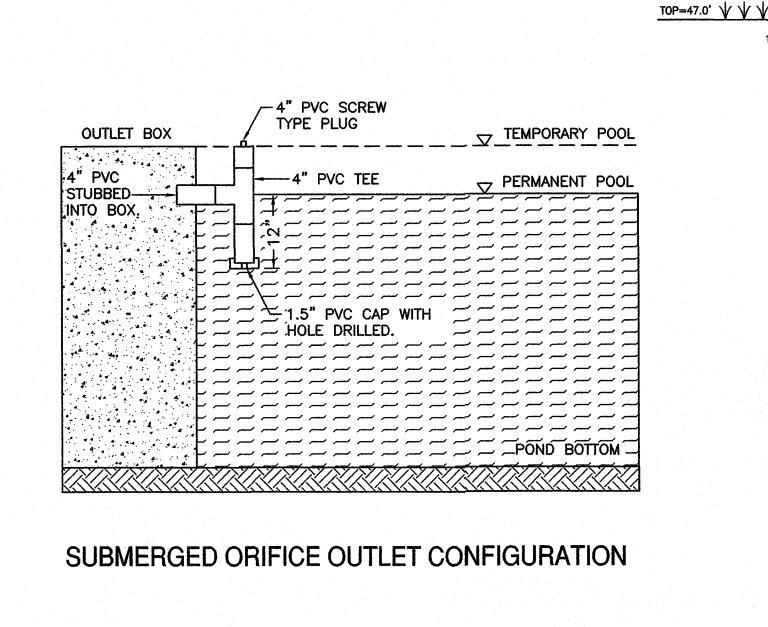
DOL

3606

DETAIL

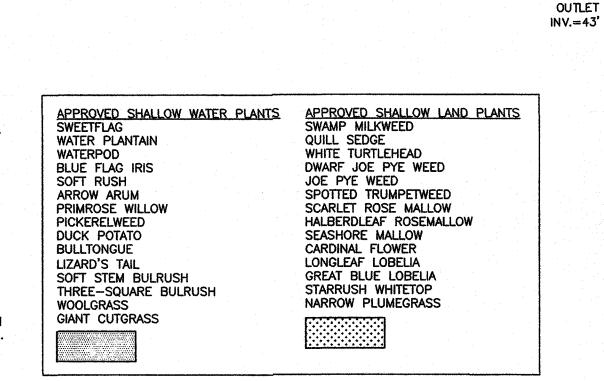






6' VEGETATIVE SHELF FROM 44'-45'

BOTTOM=36.0'



(LOWER @ INLET END)



RIP-RAP

POND EMERGENCY SPILLWAY

BASIN, FRAME AND GRATE MAY VARY

4' X 4' PRECAST CONC. BASIN -

-1" SQUARE ALUMINUM BAR, WITH-

SUPPORTS, WELDED AT 4" OC.

BOLTED TO TOP OF OUTLET

IN NONESSENTIAL DIMENSIONS.

√ √ √ TOP=47.0'

3"x24" WEIR -

1/2" OPENING -

GALVANIZED OR

LUMINUM EXPANDED METAL SCREEN

ATTACHED SCREEN

WITH GALVANIZED

LAG & WEDGE **ANCHORS**

@ 44.5'

<u>PLAN</u>

GENER

DOLL

3606

DETAIL

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CKD.

DRWN.

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Licence #C-3641

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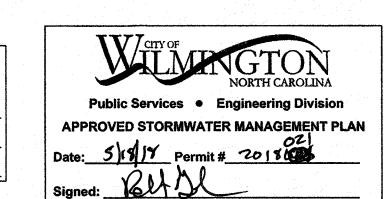
05/17/18

902 MARKET STREET WILMINGTON, NC 2 PHONE (910) 343-9652

(12" DEEP KEYED IN)

N.T.S.

15" RCP -



1.5" ORIFICE

@ 43'

ABC STONE BASE



TOP OF POND/BERM SHALL BE PLANTED WITH NON-CLUMPING TURF GRASS. TREES AND WOODY SHRUBS SHALL NOT BE ALLOWED. BERMUDA GRASS SOD SHALL BE PLANTED ON THE MAINTENANCE SHELF/BERM, OR THE BERM MAY BE MATTED AND SEEDED WITH BERMUDA GRASS SEED.

> VEGETATED SHELF (43'-44') 50 PLANTS PER 200 SF. PLANTS ARE TO BE EVENLY DISTRIBUTED AND SPACED AT 2' ON CENTER. PLANTS ARE TO BE SWAMP MILKWEED, SCARLET ROSE MALLOW, AND NARROW PLUMEGRASS.

1. THE VEGETATED SHELF SHALL BE PLANTED WITH A MINIMUM OF THREE DIVERSE SPECIES OF HERBACEOUS, NATIVE VEGETATION AT A MINIMUM DENSITY OF 50 PLANTS PER 200 SF OF SHELF AREA. 2. CATTAILS ARE NOT TO BE PLANTED IN OR AROUND

STORMWATER POND DETAIL

AINTENANCE

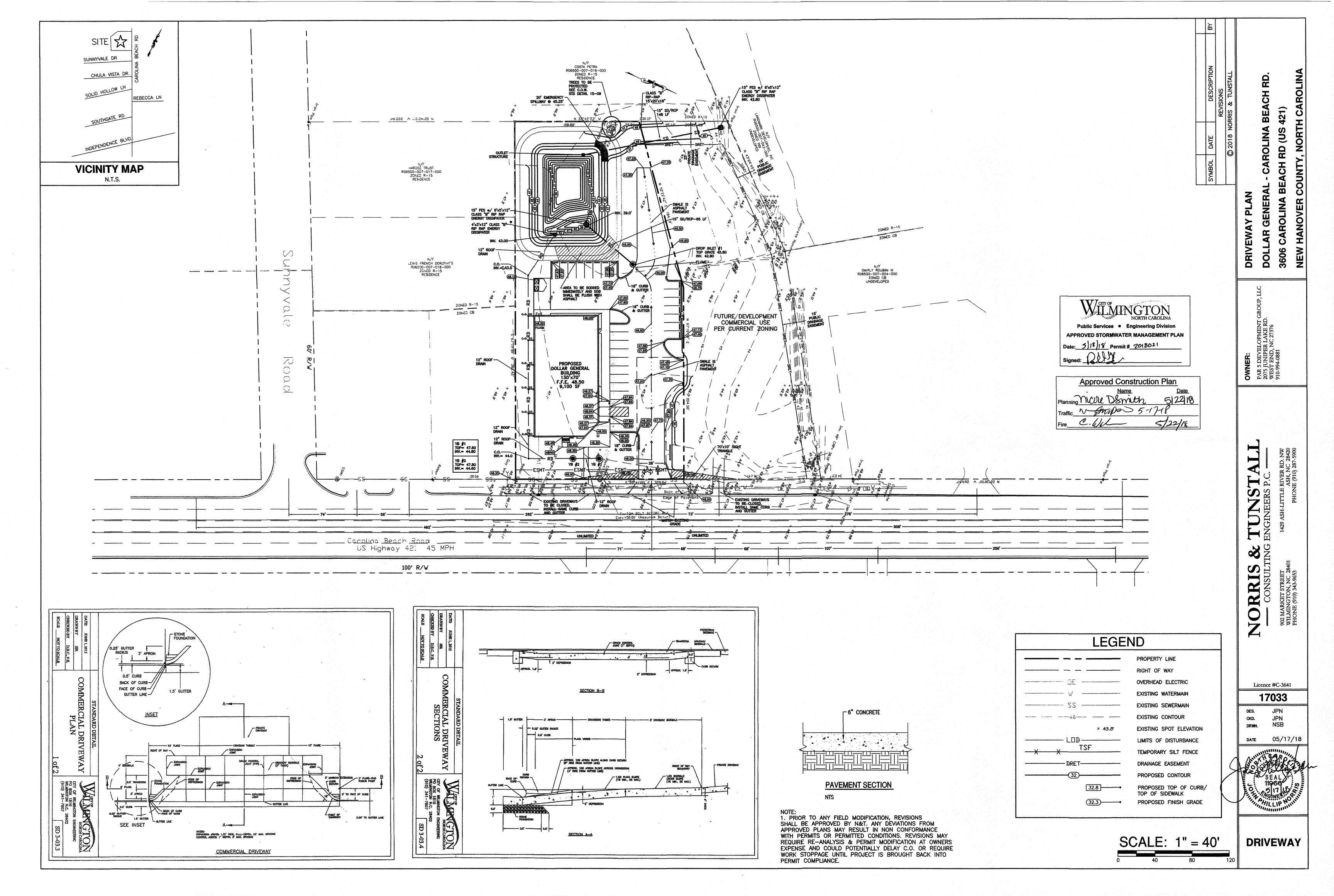
ZONE

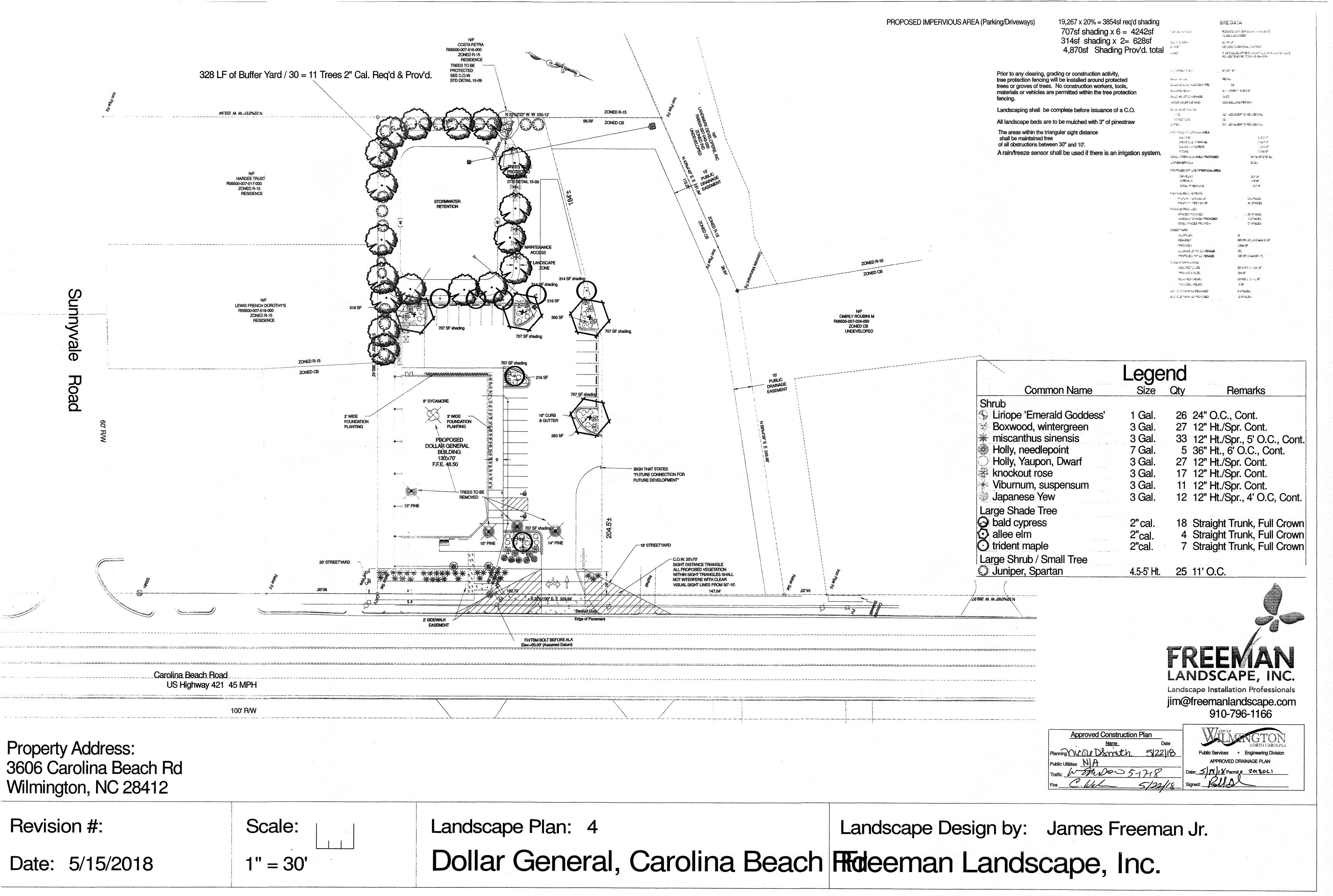
ACCESS

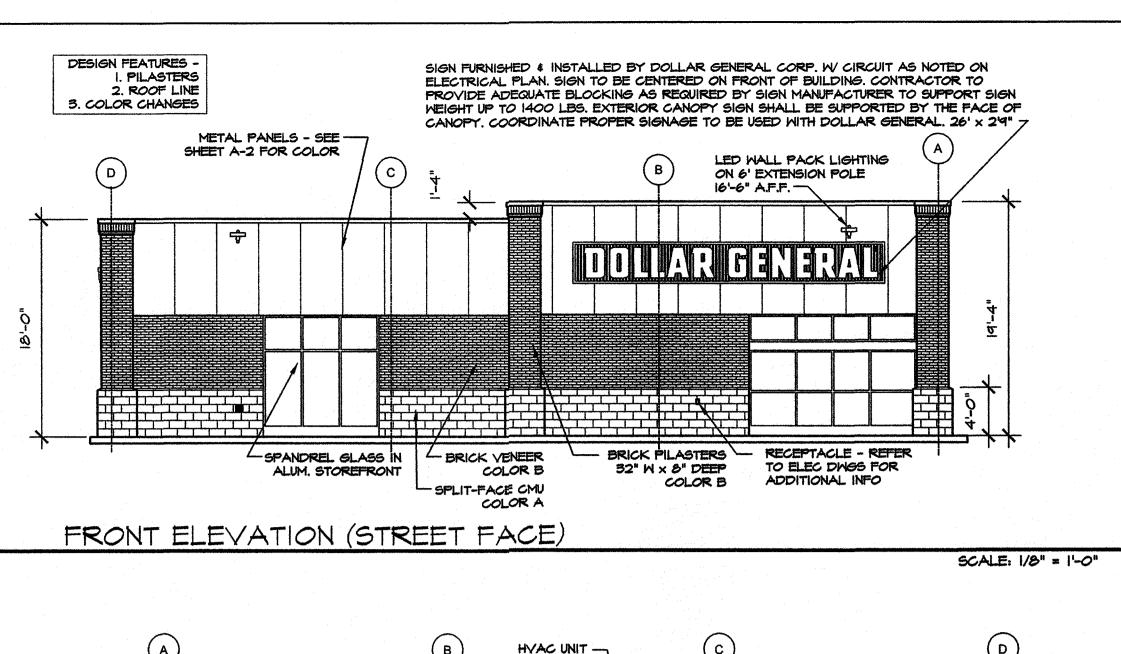
POND SLOPES ARE TO BE PLANTED WITH PERENNIAL TURF GRASS-HYBRID BERMUDA GRASS. POND SLOPE PLANTINGS SHALL BE EITHER SOD (BERMUDA GRASS) OR OR MATTED AND SEEDED WITH BERMUDA GRASS SEED.

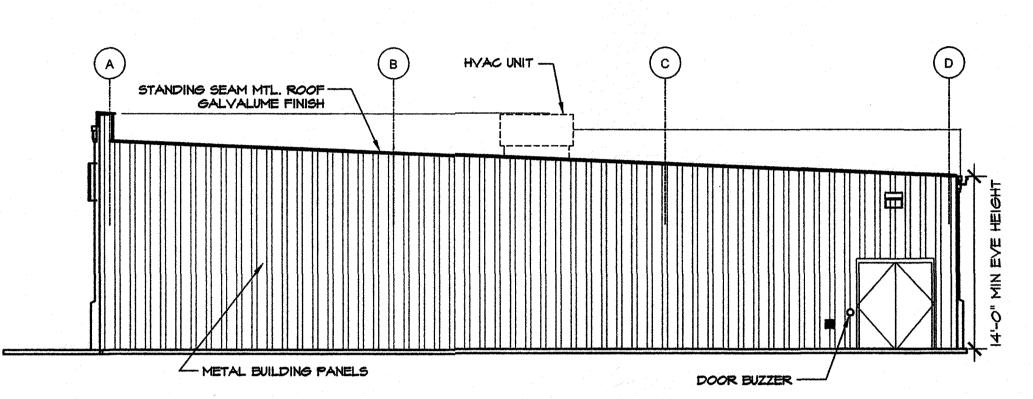
NOTES:

POND.









BY DOLLAR

DEPARTMENT

MERCHANDISING

CONTRACTOR

TO PROVIDE

AND INSTALL

PINE GRADE 2

VERIFY LOCATION OF ANCHOR BD. W FIXTURE PLAN.

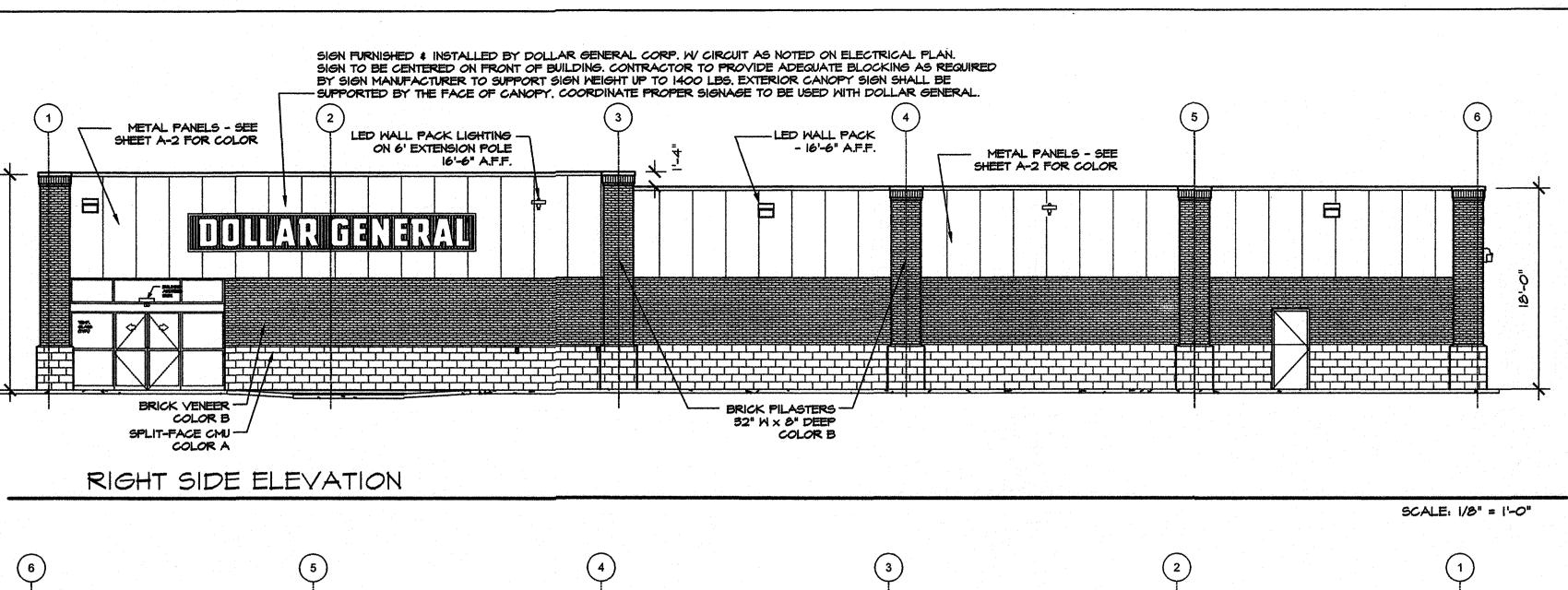
DRINK FIXTURE SUPPORT DETAIL

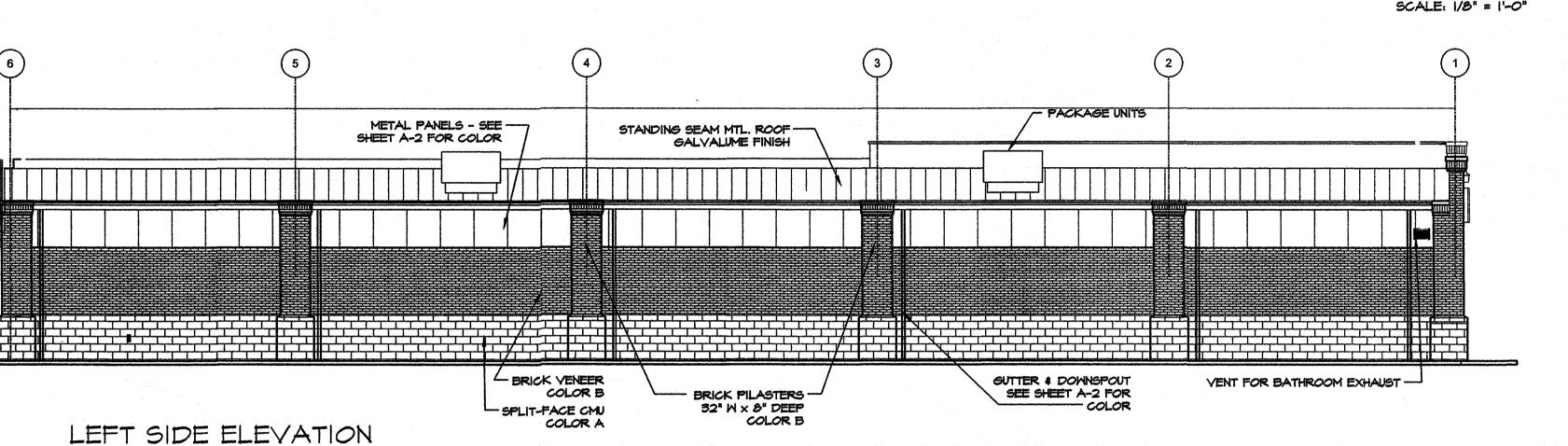
2×4 WHITE

OR BETTER

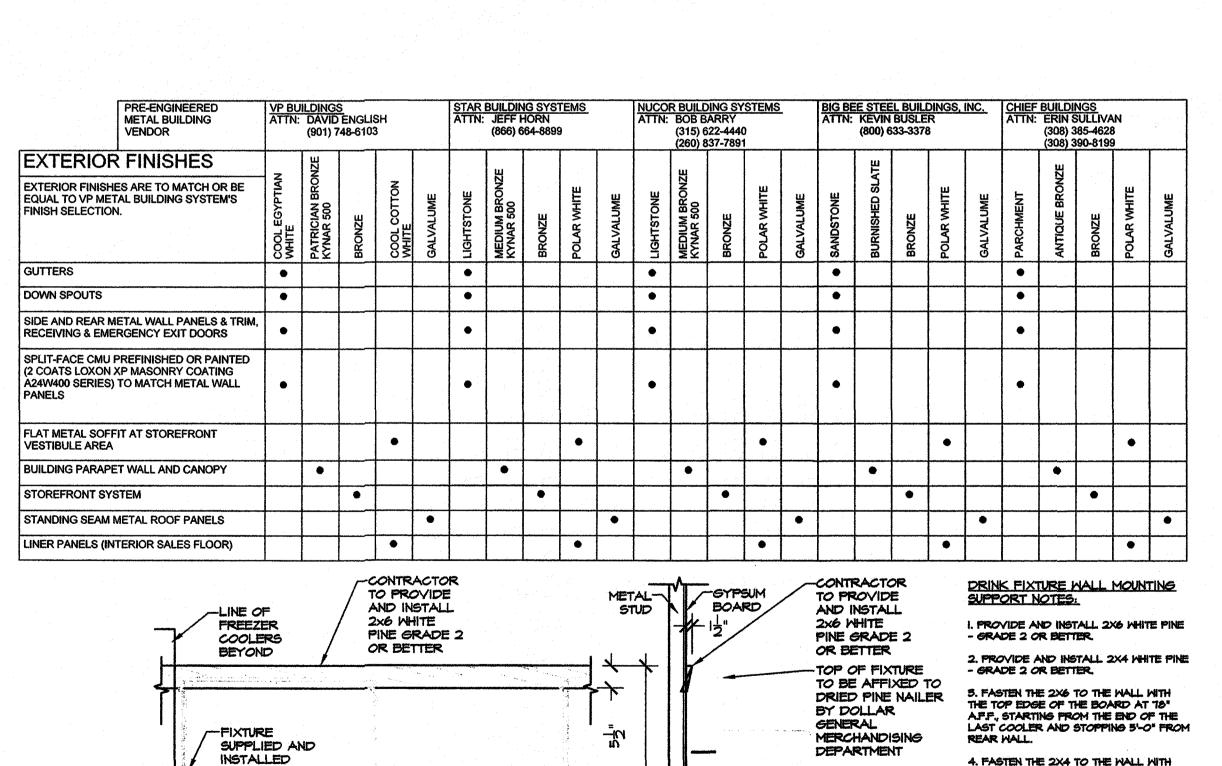
GENERAL

REAR ELEVATION





Approved Construction Plan



SCALE: 1/8" = 1'-0"

FIXTURE

SUPPLIED AND

MERCHANDISING

DEPARTMENT

CONTRACTOR

TO PROVIDE

AND INSTALL

PINE GRADE 2

2x4 WHITE

FLOOR

INSTALLED

BY DOLLAR

GENERAL

4. FASTEN THE 2X4 TO THE WALL MITH

5. PRE-DRILL PILOT HOLES IN ALL BOARDS PRIOR TO INSTALLATION TO PREVENT WOOD SPLITS.

6. SECURE THE 2X6 WITH THREE SELF-TAPPING SCREAS PER WALL STUD.

7. FASTEN THE 2X4 WITH WITH ONE SELF-TAPPING SCREW PER WALL STUD.

B. CALLY THE EDGES OF THE 2X6 AT THE TOP AND BOTTOM WHERE IT MEETS THE WALL PRIOR TO PAINTING.

4. PRIME AND PAINT BOTH BOARDS TO

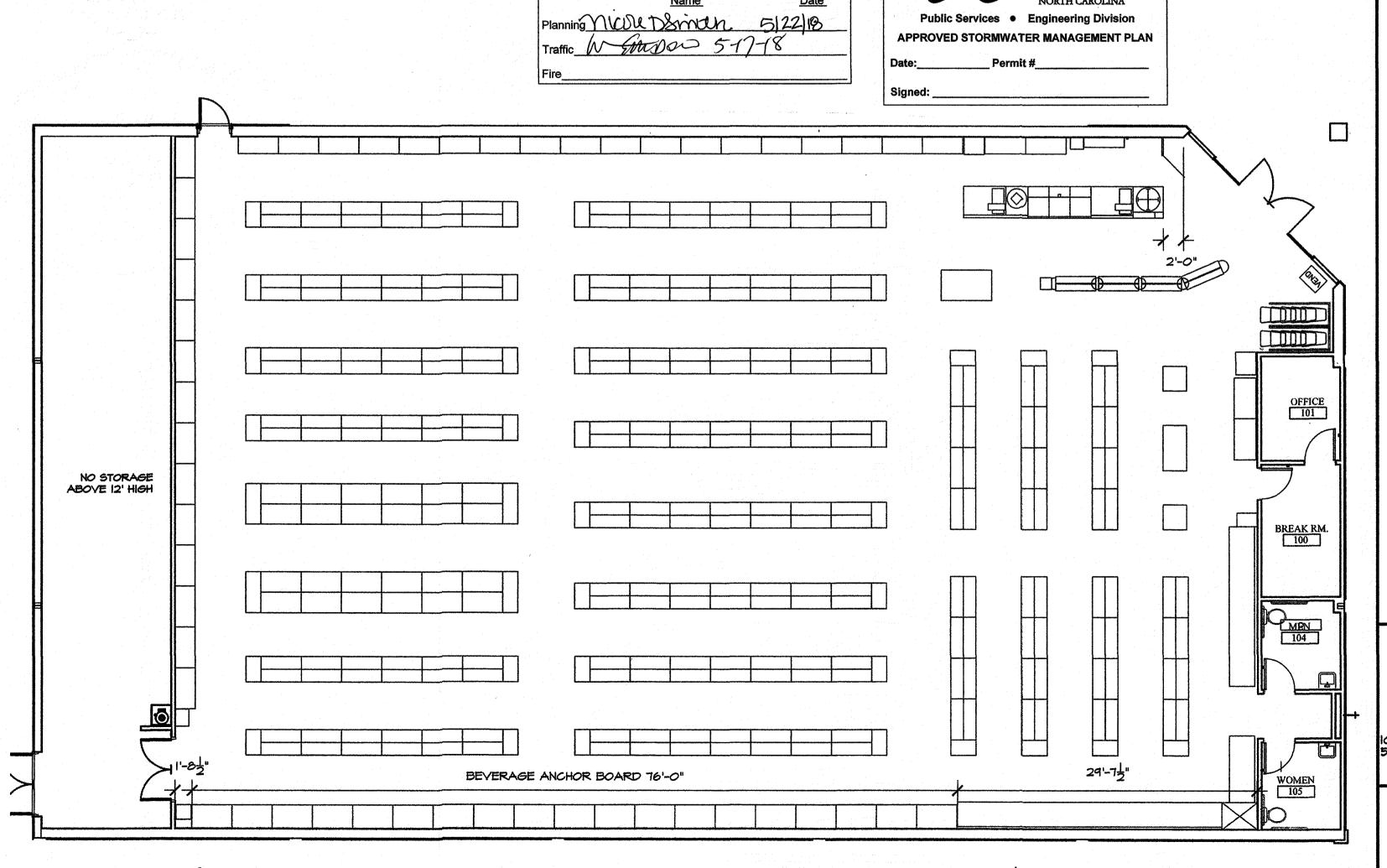
SCALE: 1/2" = 1'-0"

MINIMUM SCREW SIZE IS 4"x \[\frac{1}{2}".

MINIMUM SCREW SIZE IS 4"x \frac{1}{2}".

MATCH WALL COLOR

THE TOP EDGE OF THE BOARD AT 12"
AFF., STARTING FROM THE END OF THE
LAST COOLER AND STOPPING 5'-O" FROM



NER 田田 JOB NUMBER DRAWN BY MWH DATE 11/24/17 REVISIONS 10/23/17 - EXT. LIGHTS 5/16/17 - EXTERIOR

SCALE: 1/8" = 1'-0"

FIXTURE LAYOUT (CONFIRM W/ DOLLAR GENERAL PLANS)

SCALE: 1/8" = 1'-0"

OF

SHEET NUMBER