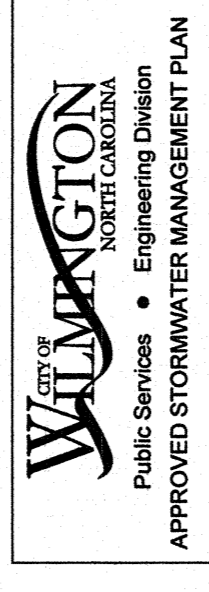


VICINITY MAP

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project completion.



Approved Construction Plan

Name: _____ Date: _____

Planning: _____

Traffic: _____

Fire: _____

INCIDENT PWSW WATER PERMIT # _____

WATER CAPACITY: _____ GPD

DIVISION PERMIT # _____

SEWER CAPACITY # _____ GPD

SEWER SHED # AND PLANT: _____

SEWER TO FLOW THROUGH NEI: YES OR NO (CIRCLE ONE)

INVENTORY SITE DATA

EXISTING PARCEL ID#: R06018-003-058-000

EXISTING PARCEL PIN#: 312814.24.7820.000

PARCEL ADDRESS: 1025 MEDICAL CENTER DRIVE

PARCEL OWNER: KISMET WILMINGTON, LLC

EXISTING PARCEL AREA: 2.00 AC

EXISTING PARCEL USE: VACANT

PROPOSED PARCEL USE: COMMERCIAL (HOTEL)

CURRENT ZONING: OMB-1 OFFICE & INSTITUTION

CAMA LAND CLASSIFICATION: URBAN - NO CAMA AREAS OF CONCERN OR ASSOCIATED SETBACKS

SOIL TYPE: KE

SITE DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA

HISTORICAL/ARCHAEOLOGICAL SITE: NONE

CEMETERY: NONE

FORESTED AREA: NONE

WETLANDS: NONE EXIST WITHIN SITE AREA

ENDANGERED SPECIES/HABITAT: NONE REPORTED

SURVEY LEGEND

E.I.P. - EXISTING IRON PIPE

E.I.R. - EXISTING IRON REBAR

N.P.F. - NO POINT FOUND

N.P.S. - NO POINT SET

P.C. - PROPERTY CORNER

APPROXIMATE

CHP - OVERHEAD POWER

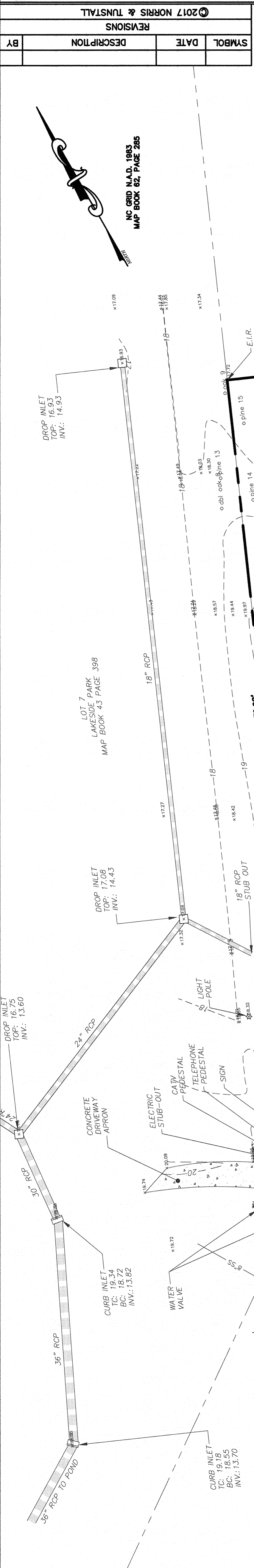
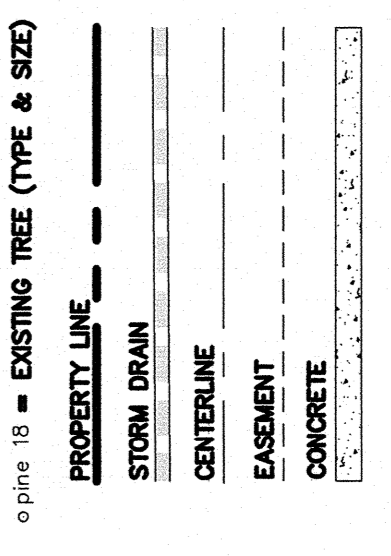
SSMH - SANITARY SEWER MANHOLE

SSCO - SANITARY SEWER CLEAN OUT

SSWH - STORM DRAIN MANHOLE

SSWH - SPOT ELEVATION

o.pine 18 - EXISTING TREE (TYPE & SIZE)



SURVEY NOTES

1. SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. SAID DESCRIBED PROPERTY IS LOCATED WITHIN AN AREA OF SPECIAL FLOOD HAZARD AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON PANEL NO. 3128; FLOOD INSURANCE RATE MAP NO. 3720312800A, WITH AN EFFECTIVE DATE OF APRIL 3, 2006, FOR COMMUNITY NO. 37071. IN STATE OF NORTH CAROLINA, THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PREMISES IS SITUATED.

2. ALL DISTANCE ARE GROUND HORIZONTAL.

3. NO N.C.G.S. FOUND WITHIN 2000'.

DEVELOPER

MANUKA KILWALL, MANAGER
KISMET WILMINGTON, LLC
5618 SUNSTAR COURT
CHARLOTTE, NC 28226
(PHONE) 704-507-1814

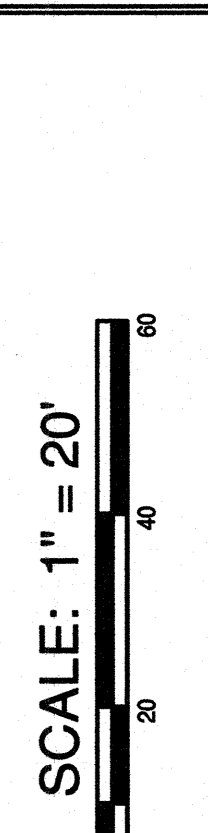
NORRIS & TUNSTALL

CONSULTING ENGINEERS P.C.

1429 ASH-LITTLE RIVER RD. NW
WILMINGTON, NC 28401
PHONE (910) 343-9653

License #C-3461
17039

DES. JUST
ORD. SLF
DATE: 06/14/2017



SCALE: 1" = 20'

INVENTORY SITE PLAN

HOLIDAY INN EXPRESS AND SUITES
MEDICAL CENTER DRIVE
WILMINGTON, N. C.

DEVELOPER

MANUKA KILWALL, MANAGER
KISMET WILMINGTON, LLC
5618 SUNSTAR COURT
CHARLOTTE, NC 28226
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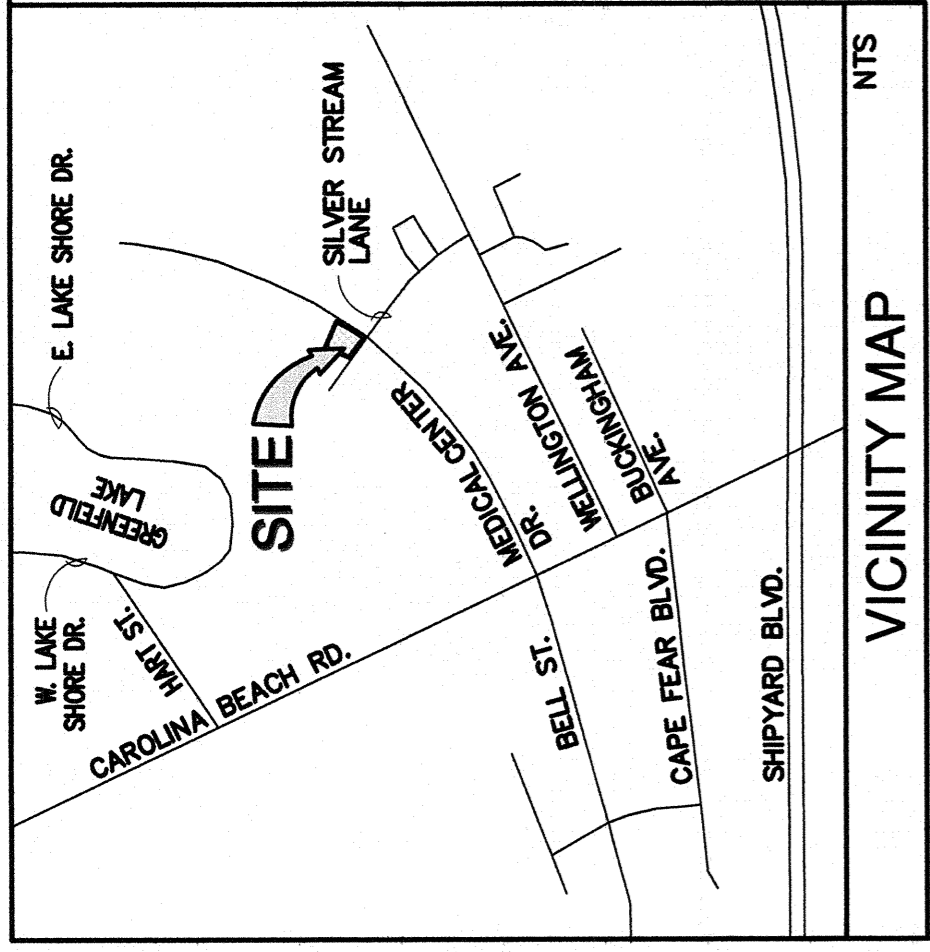
NORRIS & TUNSTALL

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WILMINGTON, NC 28401
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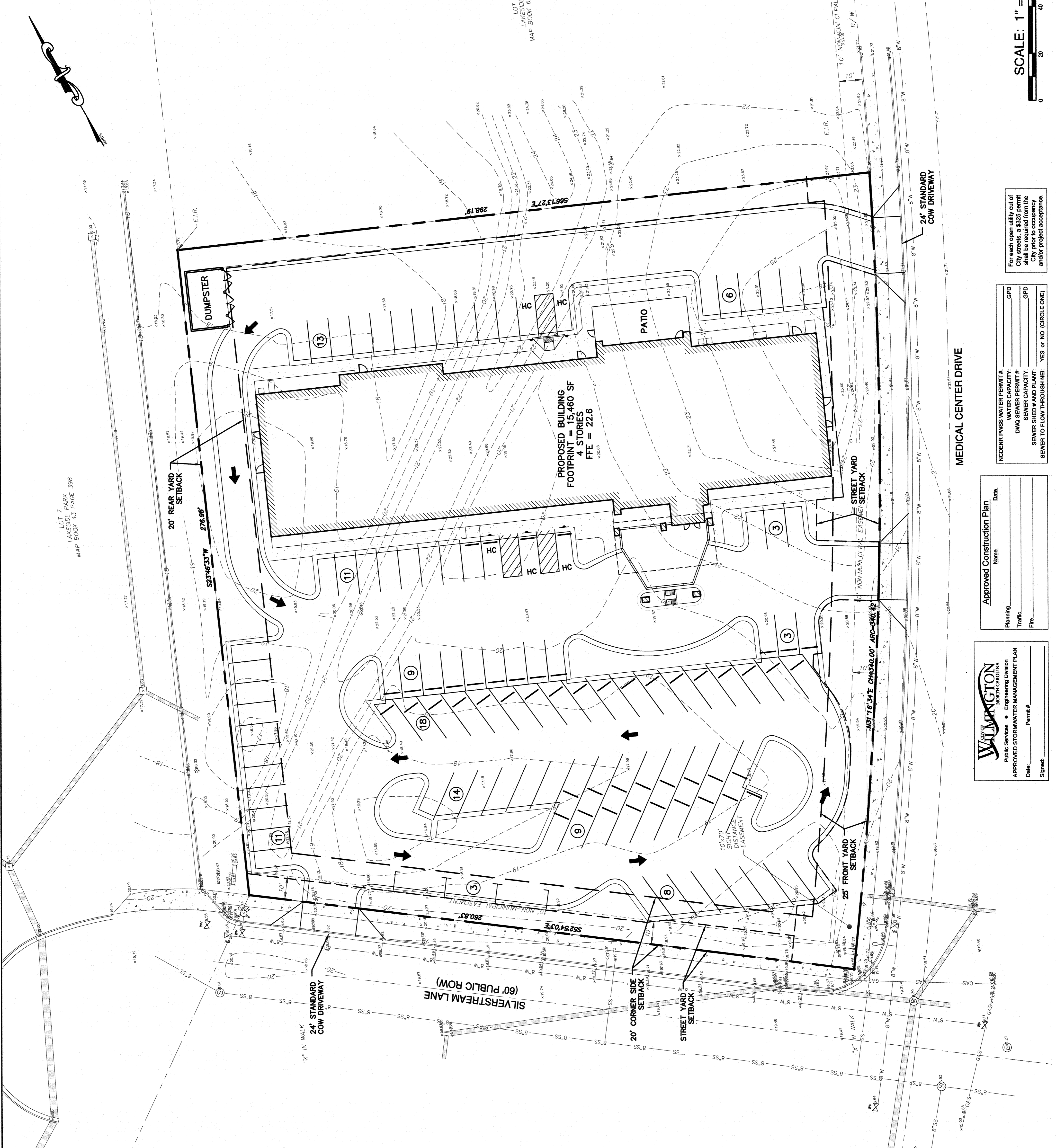
License #C-3461
17039

DES. JUST
ORD. SLF
DATE: 06/14/2017



SITE DATA TABLE	
PARCEL ID#:	R0016-003-092-000
SITE ADDRESS:	1025 MEDICAL CENTER DRIVE
PARCEL OWNER:	KISMET WILMINGTON, LLC
PROPOSED PARCEL USE:	HOTEL
CURRENT ZONING:	URBAN OFFICE & INSTITUTION
SOIL CLASSIFICATION:	URBAN
SOIL TYPE:	KE
BUILDING SETBACKS O&E:	
FRONT SETBACK:	20'
REAR SETBACK:	20'
CORNER SIDE SETBACK:	20'
BUILDING SETBACKS PROPOSED:	
FRONT SETBACK:	21'±
REAR SETBACK:	15'±
STREET SIDE SETBACK:	28'±
INTERIOR SETBACK N:	81'±
INTERIOR SETBACK E:	15,473 SF = 0.35 AC
BUILDING AREA (FOOTPRINT):	15,473 SF
DISTURBED AREA:	40%
MAX. LOT COVERAGE O&E:	49.017 SF
PROPOSED LOT COVERAGE:	18%
MAX. BUILDING HEIGHT:	40'
BUILDING CONSTRUCTION TYPE:	
PROPOSED IMPERVIOUS AREA:	15,473 SF
PROPOSED IMPERVIOUS AREA:	3,347 SF
SIDEWALK AREA:	49.017 SF
CONCRETE, CURB & ASPHALT AREAS:	67,837 SF
TOTAL IMPERVIOUS AREA:	78%
PARKING REQUIREMENT:	
REGULAR:	109 PARKING STALLS
HANDICAP:	5 PARKING STALLS
TOTAL PARKING PROPOSED =	114 PARKING STALLS
LANDSCAPING REQUIREMENTS (REFER TO LANDSCAPE PLAN):	
XX TREES PER DISTURBED ACRE REQUIRED	109 PARKING STALLS
STREET YARD LANDSCAPING:	18 MULTIPLIER
FRONT: 340' ± 25' (18) =	5,670 SF REQUIRED
REAR: 280' ± 25' (18) =	5,040 SF REQUIRED
12% BUILDING HEIGHT X LENGTH	
BUFFER 3' HIGH 5' WIDE	
FOUNTAIN PLANTINGS:	
PARKING AREA SCREENING ALONG ROW:	SEE LANDSCAPE PLAN
TRASH REMOVAL:	DUMPSTER SERVICE
WATER AND SEWER CAPACITY NEEDS:	
SEWER: 109 BED @ 120 GPD / ROOM = 13,080 GPD	
WATER: 109 BED @ 120 GPD / ROOM = 13,080 GPD	

SYMBOL	DATE	DESCRIPTION	BY
REVISIONS			
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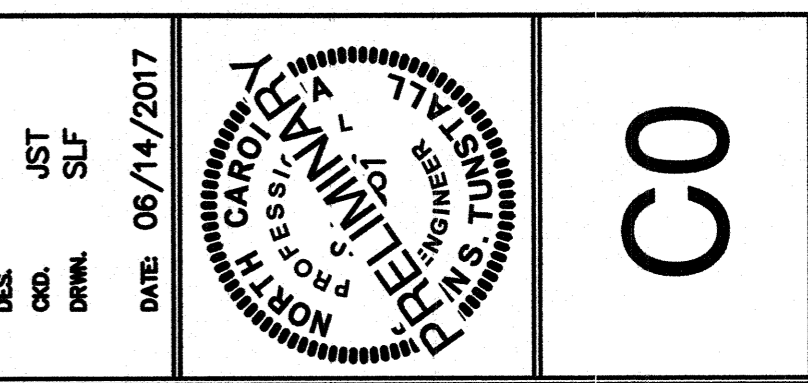
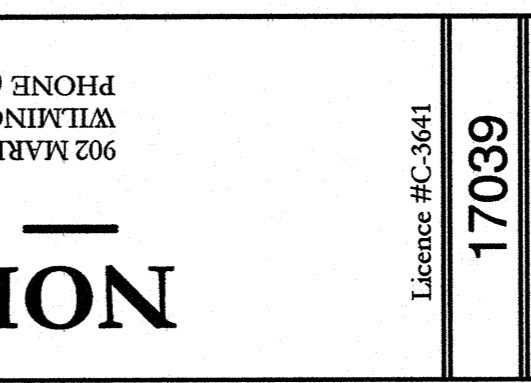
OVERALL SITE PLAN
HOLIDAY INN EXPRESS AND SUITES
 MEDICAL CENTER DRIVE
 WILMINGTON, N. C.

DEVELOPER
 MANJULA AHLWALIA, MANAGER
 KISMET WILMINGTON, LLC
 5518 SUNSTAR COURT
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 (PHONE) 704-507-1814

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 CONSULTING ENGINEERS P.C.
 1429 ASH-LITTLE RIVER RD. NW
 WILMINGTON, NC 28420
 PHONE (910) 287-5900

Licence #C-3641
17039

DES. JUST SLF
 CDD. JUST SLF
 DATE: 06/14/2017



LOT 7
 LAKESIDE PARK
 MAP BOOK 43 PAGE 398

LOT BR
 LAKESIDE PARK
 MAP BOOK 62 PAGE 285

20' REAR YARD SETBACK
 276.88'

PROPOSED BUILDING
 FOOTPRINT = 15,460 SF
 FFE = 22.6

25' FRONT YARD SETBACK
 457.16'± CHAS 40.00' ARC = 942.42'

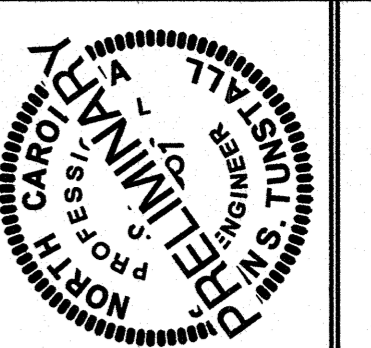
20' CORNER SIDE SETBACK

24' STANDARD COW DRIVEWAY

24' STANDARD COW DRIVEWAY

MEDICAL CENTER DRIVE

SILVER STREAM LANE
 (60' PUBLIC ROW)



DATE: 06/14/2017
 DES. JST
 O.D. SLF
 D.W. JST

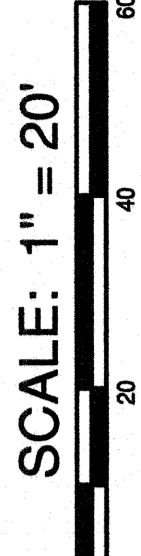
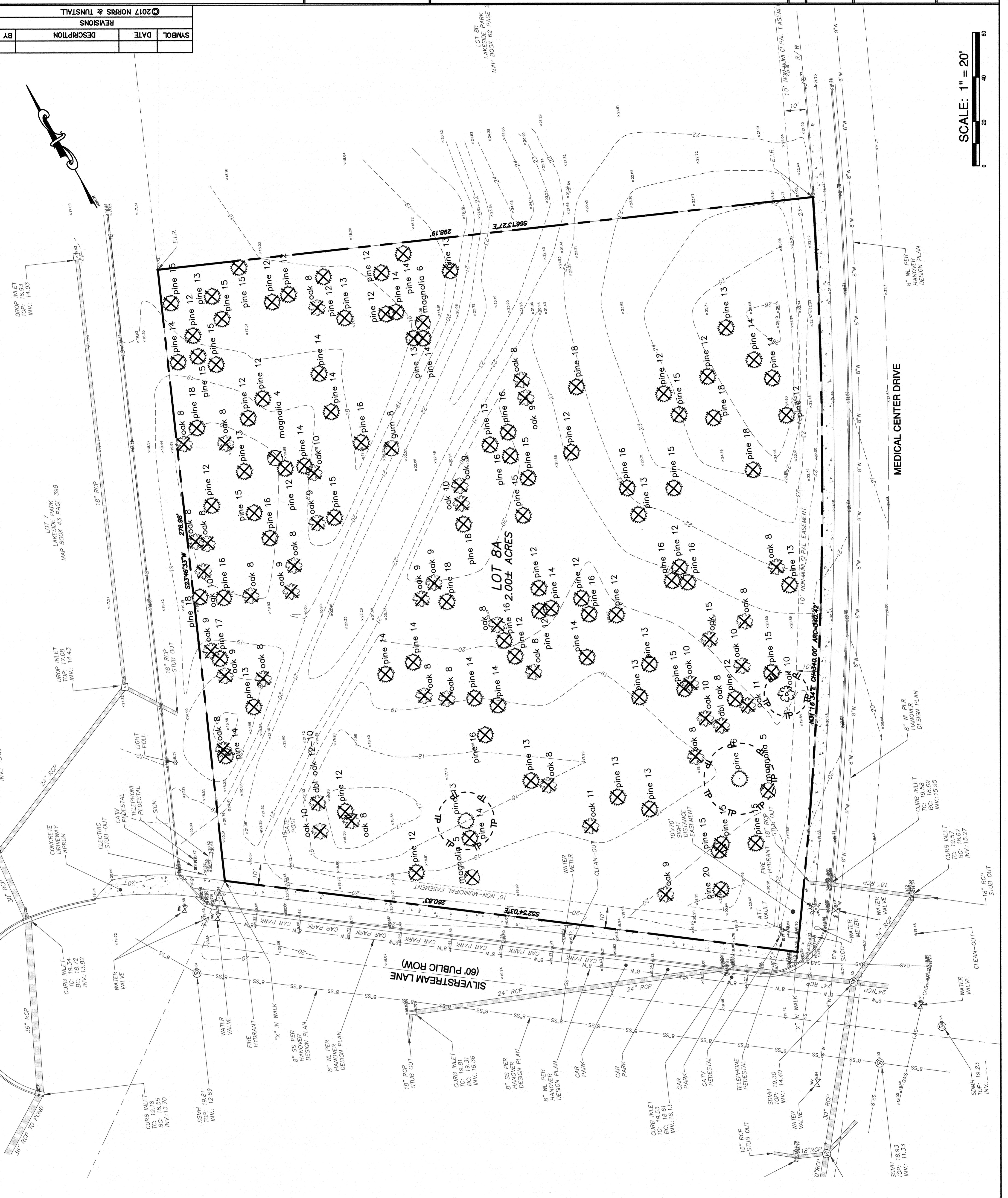
17039
 License #C-3441

NORRIS & TUNSTALL
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 1429 ASH-LITTLE RIVER RD., NW
 WILMINGTON, NC 28420
 PHONE (910) 287-5900

DEVELOPER
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 CHARLOTTE, NC 28228
 (PHONE) 704-507-1814

TREE REMOVAL PLAN
 HOLIDAY INN EXPRESS AND SUITES
 MEDICAL CENTER DRIVE
 WILMINGTON, N. C.

SYMBOL	DATE	DESCRIPTION	BY
REVISIONS			
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TREE LEGEND

- : LOCATION OF A HARDWOOD TREE
- : LOCATION OF A CONIFER TREE
- : LOCATION OF A FLOWERING TREE
- : INDICATES A TREE TO BE REMOVED
- : INDICATES A TREE TO PROTECTED

TREE REMOVAL TABLE

NOTE: THERE ARE 138 REGULATED TREES AND NO SIGNIFICANT TREES ON THE SITE.

REGULATED TREES TO BE REMOVED:

OAK	PINE	FLOWERING
60 TREES	12	5 GUM - 1 TREE
9	13	4 MAGNOLIA - 2 TREES
9	14	5 MAGNOLIA - 1 TREE
7	15	
7	16	
1	17	
1	18	
1	19	
1	20	
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1	135	
1	136	
1	137	
1	138	

TOTAL: = 138 TREES TO BE REMOVED

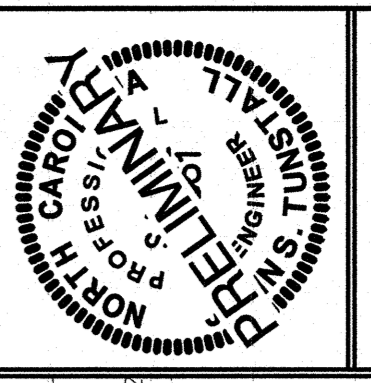
For each open utility cut of City shall be required from the City prior to occupancy and/or project acceptance.

WILMINGTON
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

Approved Construction Plan

Name	Date

INCIDENT PWSS WATER PERMIT #:	GPD
WATER CAPACITY:	GPD
DWO SEWER PERMIT #:	GPD
SEWER CAPACITY:	GPD
SEWER SHED # AND PLANT:	YES or NO (CIRCLE ONE)
SEWER TO FLOW THROUGH NEI:	YES or NO (CIRCLE ONE)



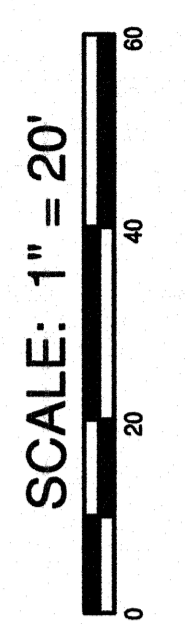
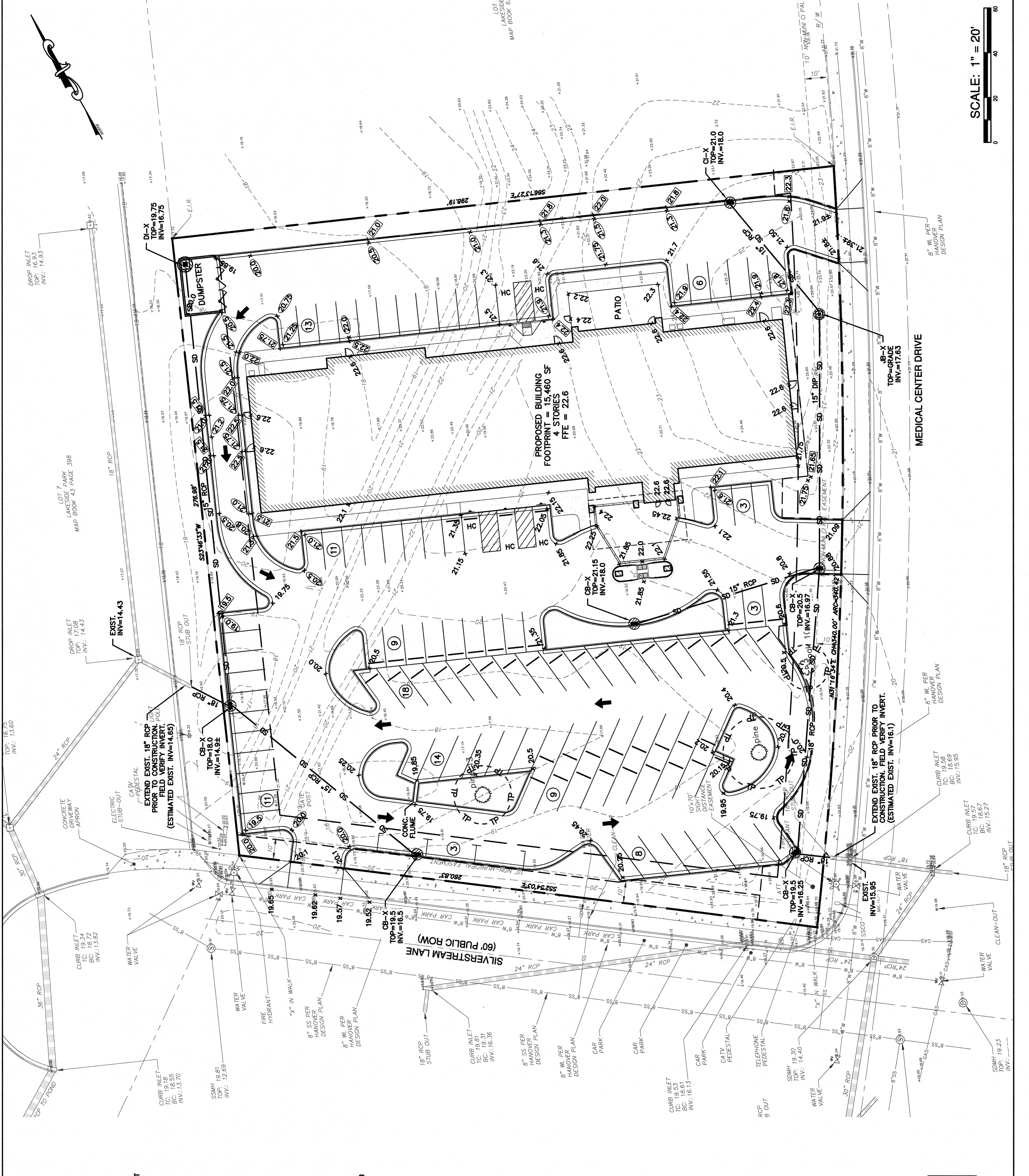
DATE: 06/14/2017
 DESIGNED BY: JST
 DRAWN BY: SLF
 License #C-3641
 17039

NORRIS & TUNSTALL
 CONSULTING ENGINEERS P.C.
 902 MARKET STREET
 WILMINGTON, NC 28401
 PHONE (910) 343-9653
 1429 ASH-LITTLE RIVER RD., NW
 WILMINGTON, NC 28420
 ASH, NC 28420
 PHONE (910) 287-5900

DEVELOPER
 MANJULA AHUJALA, MANAGER
 KISMET WILMINGTON, LLC
 5618 SUNSTAR COURT
 CHARLOTTE, NC 28226
 (PHONE) 704-507-1814

GRADING & DRAINAGE PLAN
 HOLIDAY INN EXPRESS AND SUITES
 MEDICAL CENTER DRIVE
 WILMINGTON, N. C.

SYMBOL	DATE	DESCRIPTION	BY
REVISIONS			
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LEGEND

- PROPOSED BUILDING FOOTPRINT
- PROPOSED BUILDING CANOPY
- PROPOSED CURB
- PROPERTY BOUNDARY
- STREET YARD SETBACKS
- ZONE SETBACKS
- EXISTING CONTOUR
- HANDICAP LOADING/CROSSING
- HANDICAP PARKING STALL
- PARKING COUNT
- PROPOSED HANDICAP RAMP
- ONE WAY
- SPOT ELEVATION
- SPOT ELEVATION TOP OF CURB
- SPOT ELEVATION GUTTER/EP

For each open utility out of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services - Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit #: _____
 Signed: _____

Approved Construction Plan

Name: _____ Date: _____

Planning: _____

Traffic: _____

File: _____

NCDEM PWSW PERMIT # _____

WATER CAPACITY: _____ GPD

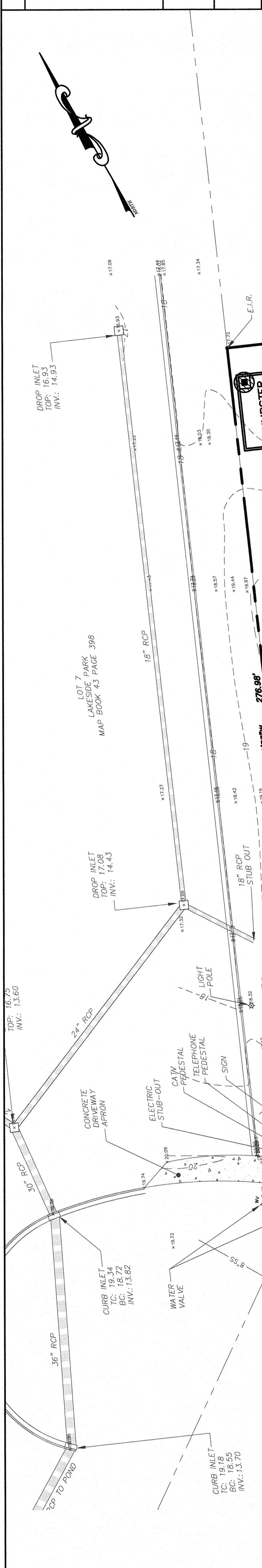
DWQ SEWER PERMIT # _____

SEWER CAPACITY: _____ GPD

SEWER SHED # AND PLANT: _____

SEWER TO FLOW THROUGH NEI: YES OR NO (CIRCLE ONE)

SYMBOL	DATE	DESCRIPTION	BY
REVISIONS			
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LEGEND

- PROPOSED BUILDING FOOTPRINT
- PROPOSED BUILDING CANOPY
- PROPOSED CURB
- PROPERTY BOUNDARY
- STREET YARD SETBACKS
- ZONE SETBACKS
- EXISTING CONTOUR
- HANDICAP LOADING/CROSSING
- HANDICAP PARKING STALL
- PARKING COUNT
- PROPOSED HANDICAP RAMP
- ONE WAY

UTILITY PLAN
HOLIDAY INN EXPRESS AND SUITES
 MEDICAL CENTER DRIVE
 WILMINGTON, N. C.

DEVELOPER
 MANJULA HILLWALA, MANAGER
 KISMET WILMINGTON, LLC
 5518 SUNSTAR COURT
 CHARLOTTE, NC 28226
 (PHONE) 704-507-1814

NORRIS & TUNSTALL
 CONSULTING ENGINEERS P.C.
 902 MARKET STREET
 WILMINGTON, NC 28401
 ASH, NC 28420
 PHONE (910) 343-9653

License #C-3641
17039
 REG. EST. SLF
 DATE 06/14/2017

LOT 7B
 LAKESIDE PARK
 MAP BOOK 43 PAGE 398

LOT 8B
 LAKESIDE PARK
 MAP BOOK 62 PAGE 285

SCALE: 1" = 20'
 0 20 40 80

MANJULA HILLWALA, MANAGER
 KISMET WILMINGTON, LLC
 5518 SUNSTAR COURT
 CHARLOTTE, NC 28226
 (PHONE) 704-507-1814

NORRIS & TUNSTALL
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LOT 7B
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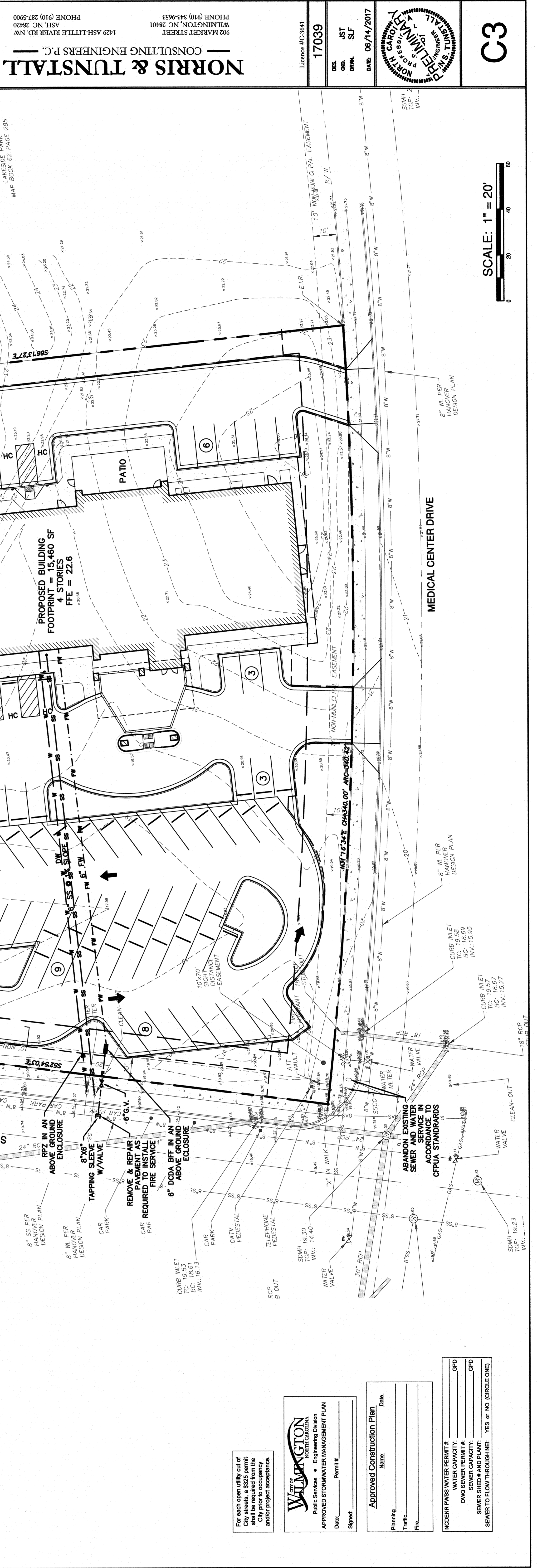
SCALE: 1" = 20'
 0 20 40 80

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

Approved Construction Plan
 Name: _____ Date: _____
 Planning: _____
 Traffic: _____
 Fire: _____

NOCDNR PWSS WATER PERMIT # _____ GPD
 WATER CAPACITY: _____ GPD
 DWG SEWER PERMIT # _____ GPD
 SEWER PERMIT # _____ GPD
 SEWER SIGN AND PLAN: _____ GPD
 SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)



MANJULA HILLWALA, MANAGER
 KISMET WILMINGTON, LLC
 5518 SUNSTAR COURT
 CHARLOTTE, NC 28226
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LOT 7B
 LAKESIDE PARK
 MAP BOOK 43 PAGE 398

LOT 8B
 LAKESIDE PARK
 MAP BOOK 62 PAGE 285

SCALE: 1" = 20'
 0 20 40 80

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WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

Approved Construction Plan
 Name: _____ Date: _____
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 Traffic: _____
 Fire: _____

NOCDNR PWSS WATER PERMIT # _____ GPD
 WATER CAPACITY: _____ GPD
 DWG SEWER PERMIT # _____ GPD
 SEWER PERMIT # _____ GPD
 SEWER SIGN AND PLAN: _____ GPD
 SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

HOLIDAY INN EXPRESS AND SUITES
MEDICAL CENTER DRIVE
WILMINGTON, N. C.

DEVELOPER
 MANULA ATHULALA, MANAGER
 KISMET WILMINGTON, LLC
 5518 SUNSTAR COURT
 CHARLOTTE, NC 28226
 (PHONE) 704-507-1814

NORRIS & TUNSTALL
 CONSULTING ENGINEERS P.C.
 1429 ASH-LITTLE RIVER RD. NW
 WILMINGTON, NC 28401
 PHONE (910) 343-9653

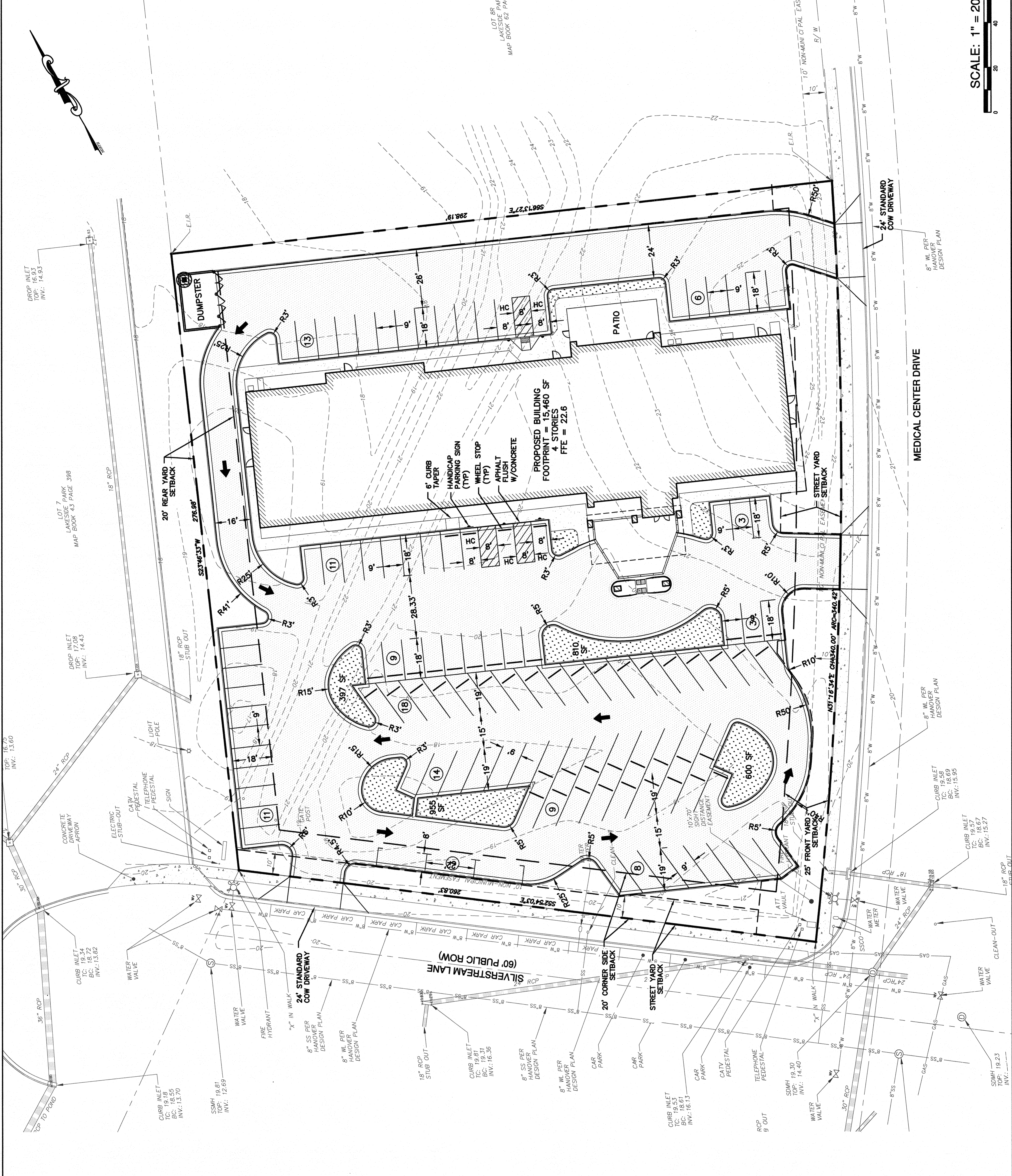
License #C-3641
17039
 REG. NO. JUST
 EXPI. DATE 06/14/2017



C4

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SYMBOL	DATE	DESCRIPTION	BY



LEGEND

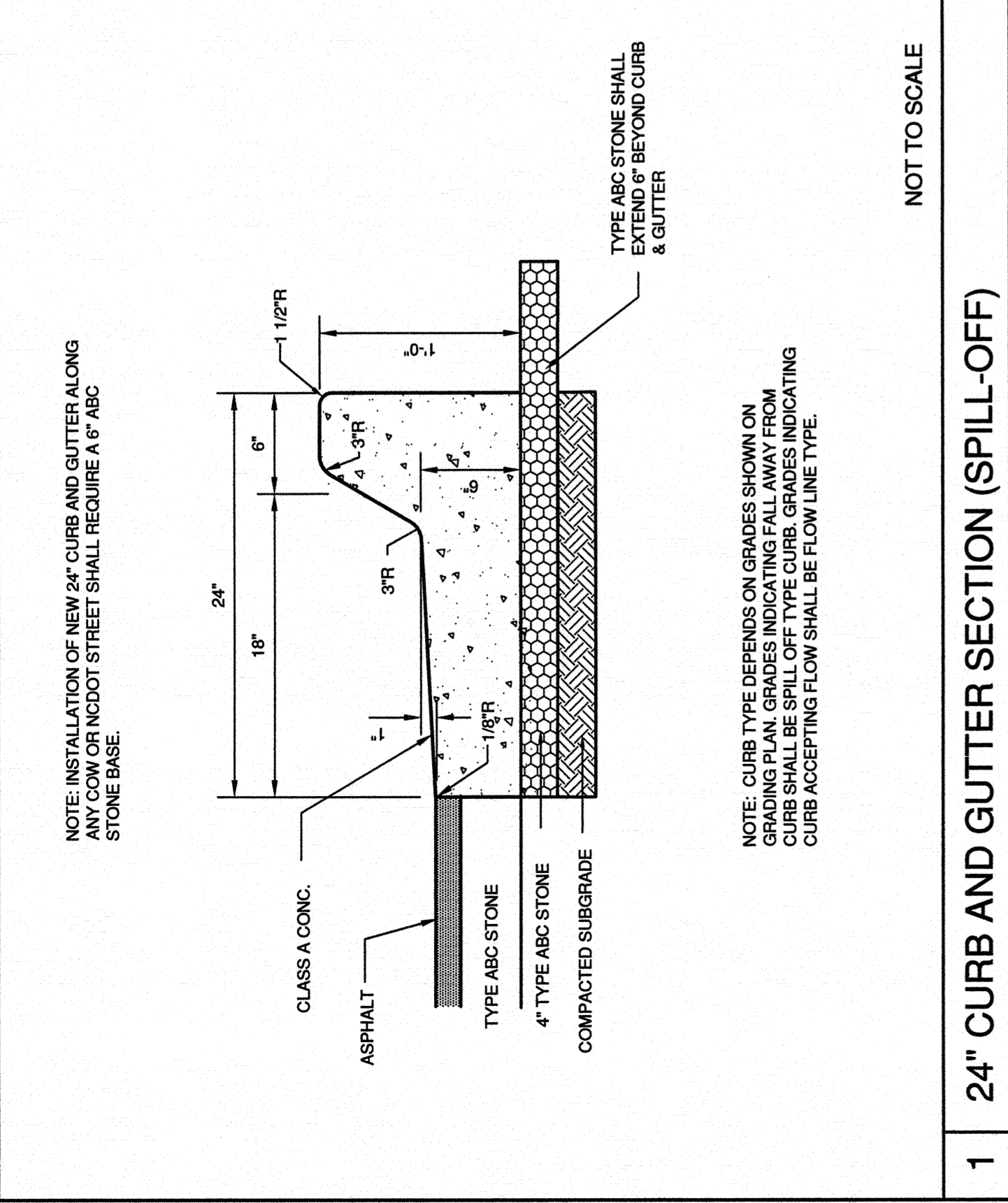
	PROPOSED BUILDING FOOTPRINT
	PROPOSED BUILDING CANOPY
	PROPOSED CURB
	PROPERTY BOUNDARY
	STREET YARD SETBACKS
	ZONE SETBACKS
	EXISTING CONTOUR
	HANDICAP LOADING/CROSSING
	PROPOSED INTERIOR LANDSCAPE
	CONCRETE SIDEWALK
	ASPHALT
	HANDICAP PARKING STALL
	PARKING COUNT
	PROPOSED HANDICAP RAMP
	ONE WAY

For each open utility cut of City streets a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

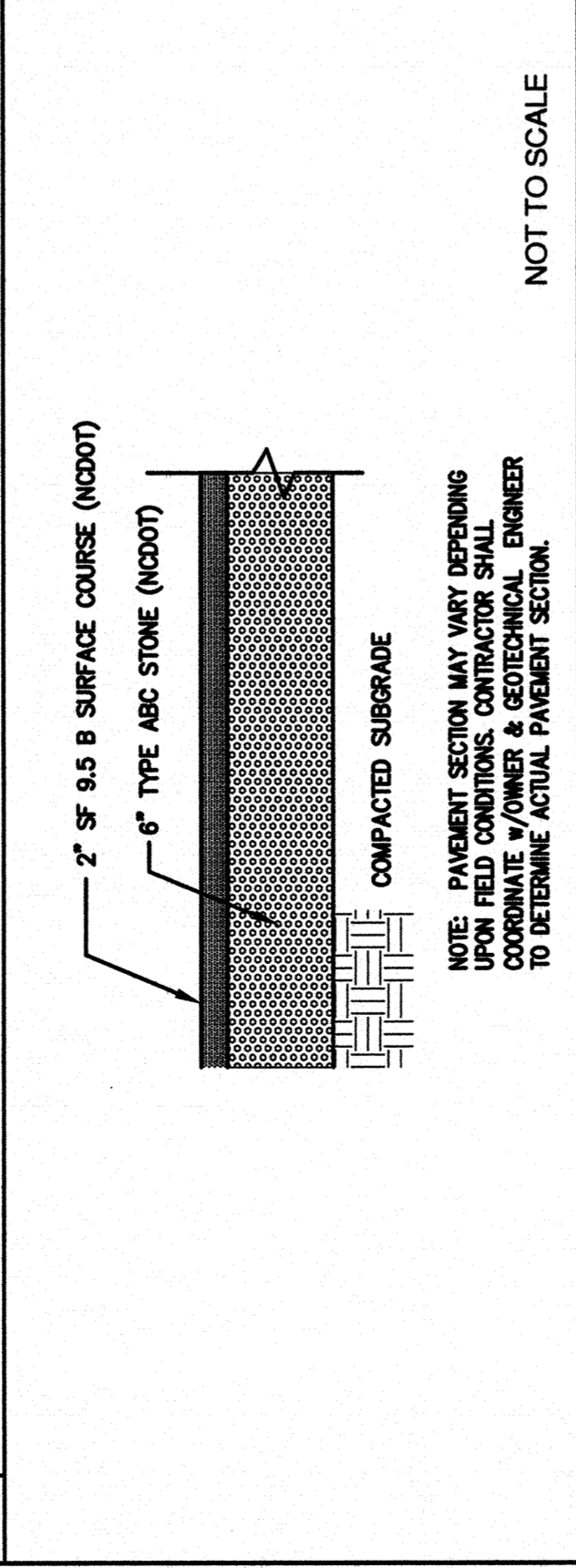
WILMINGTON
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit #: _____
 Signature: _____

Approved Construction Plan
 Name: _____ Date: _____
 Planning: _____
 Traffic: _____
 Fire: _____

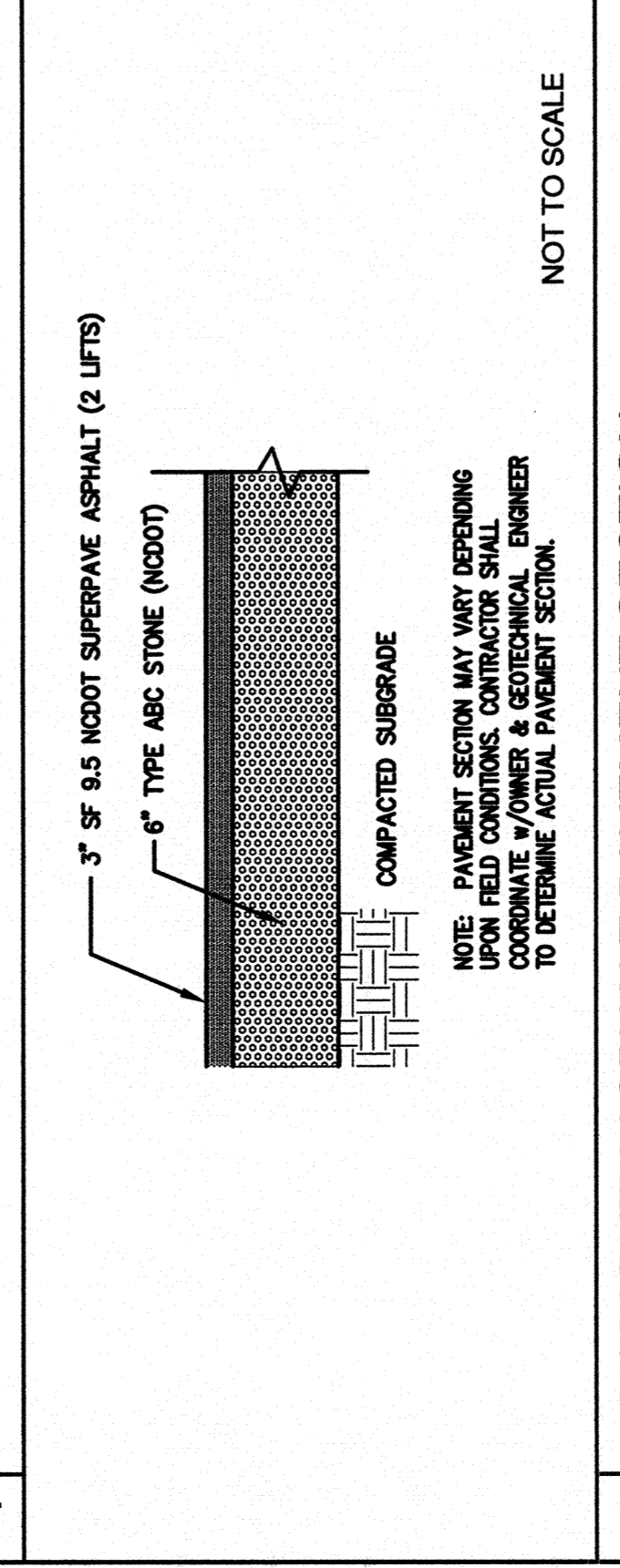
INCIDENT PWSW WATER PERMIT # _____ GPD
 WATER CAPACITY: _____ GPD
 DMC SEWER PERMIT # _____ GPD
 SEWER SHEET # AND PLANT: _____ GPD
 SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)



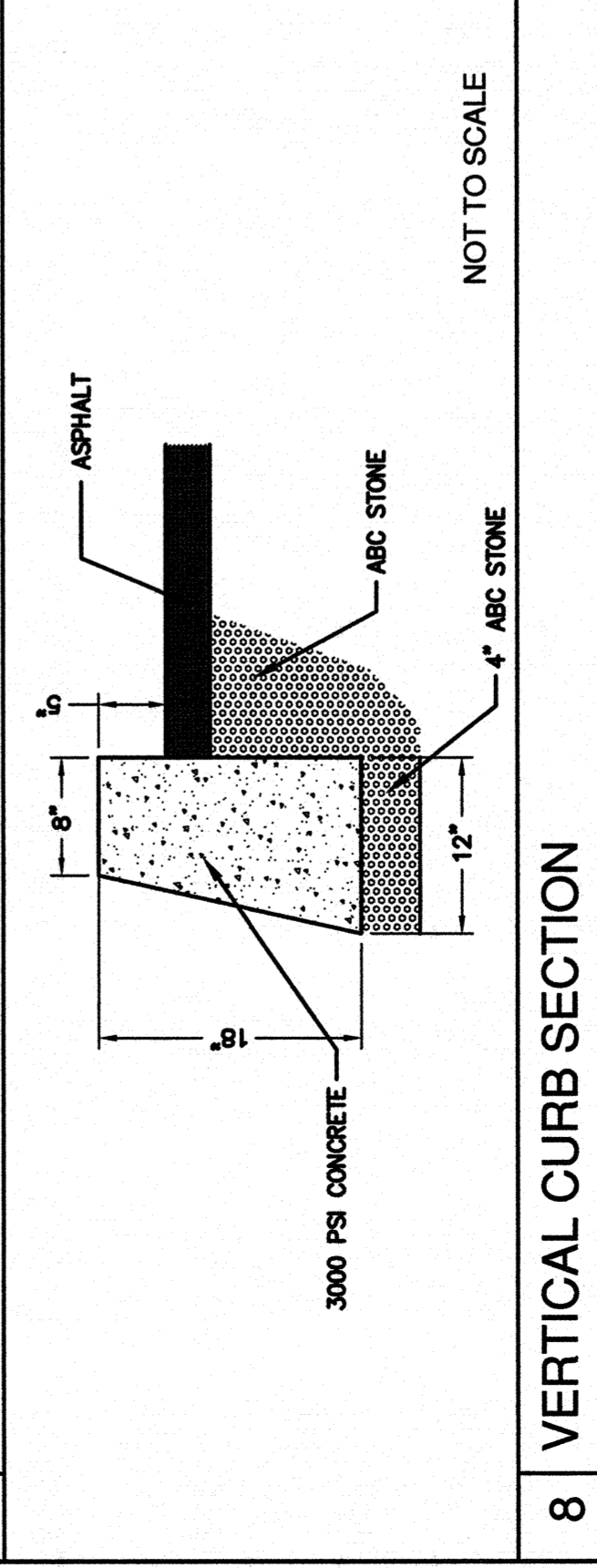
1 24" CURB AND GUTTER SECTION (SPILL-OFF)



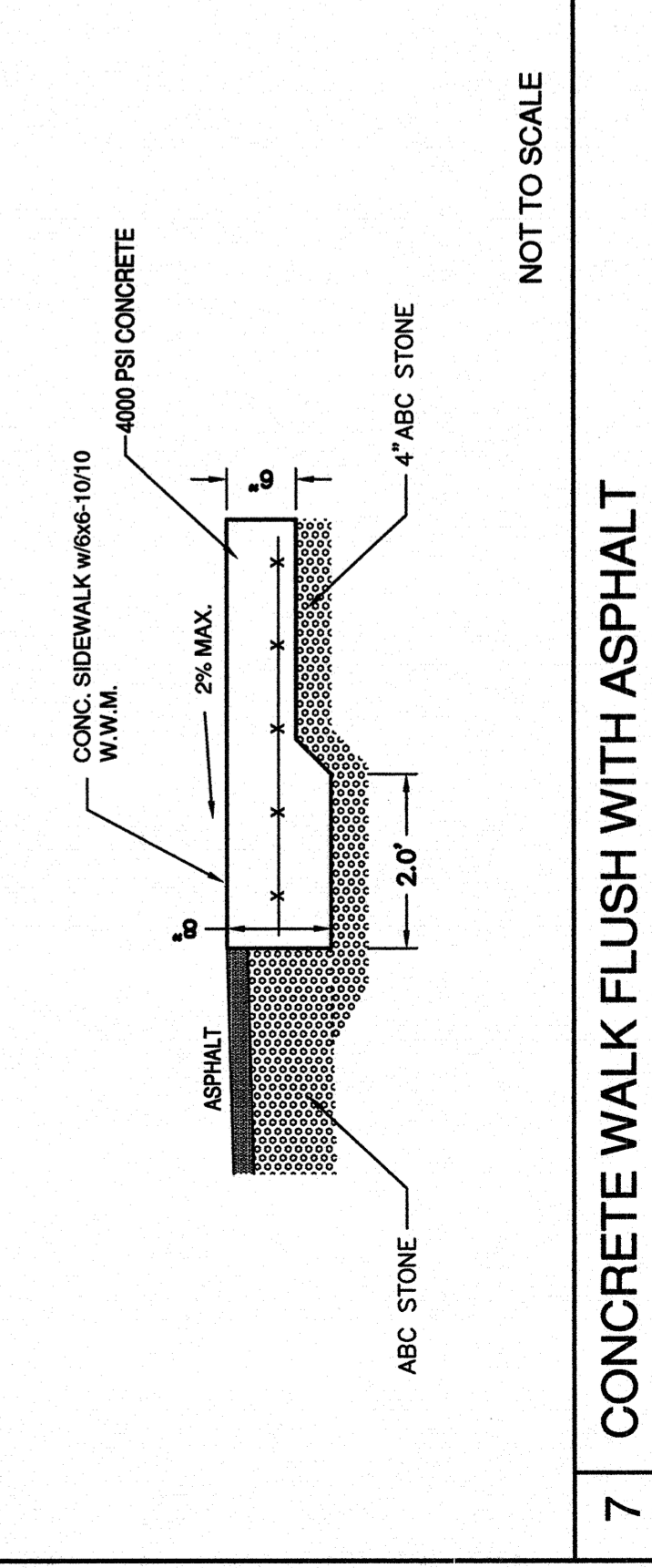
4 LIGHT DUTY ASPHALT PAVEMENT SECTION



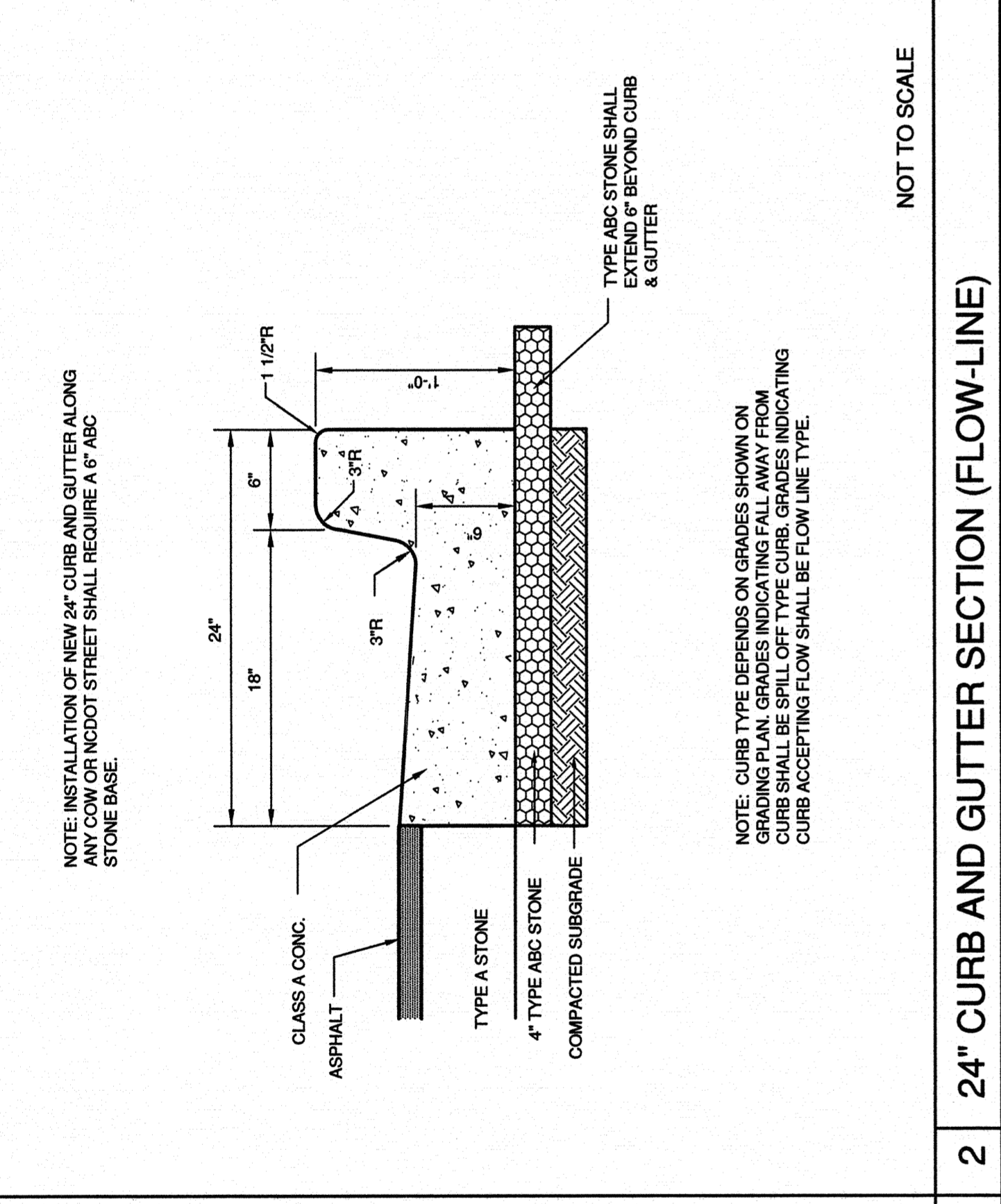
4 HEAVY DUTY ASPHALT PAVEMENT SECTION



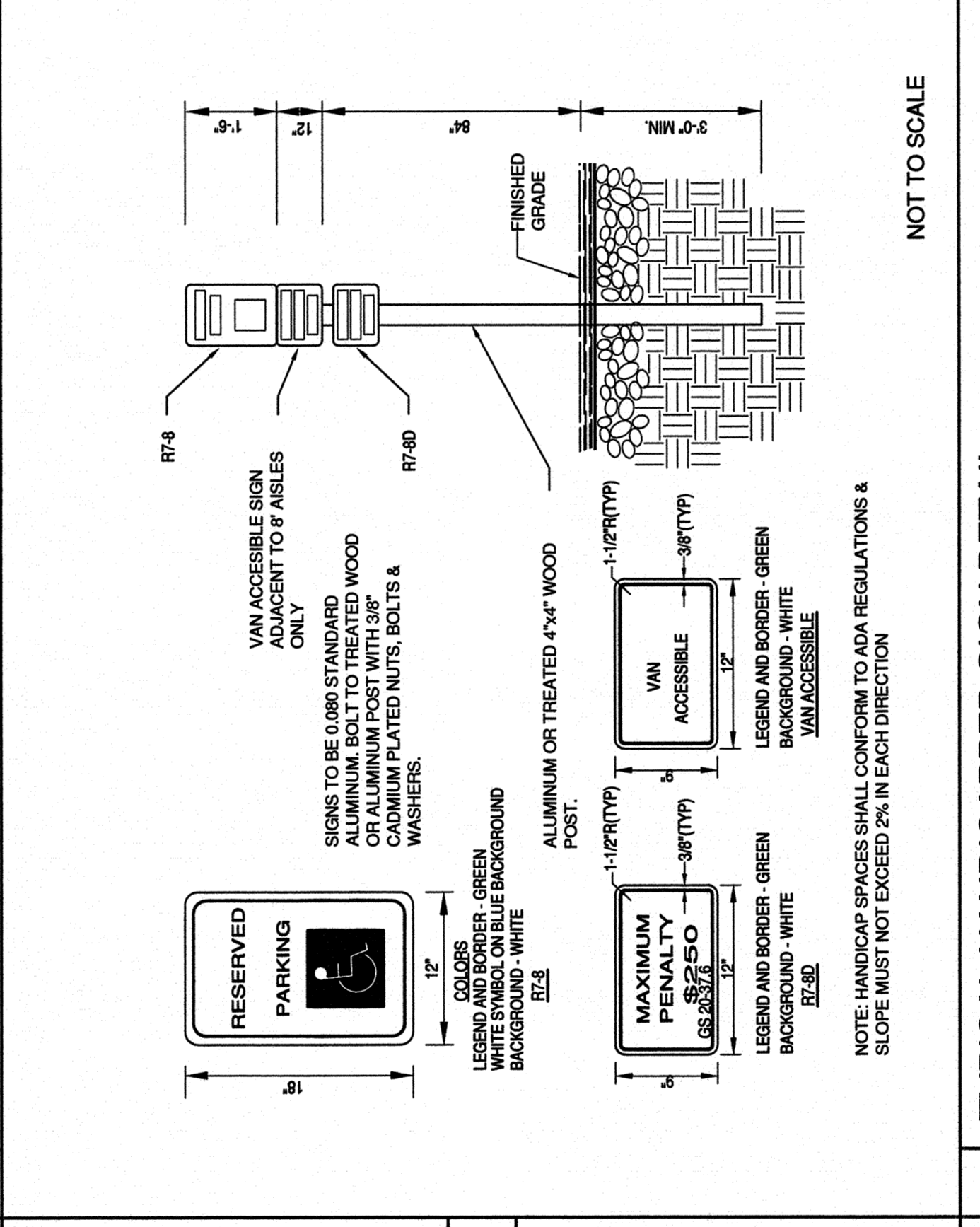
8 VERTICAL CURB SECTION



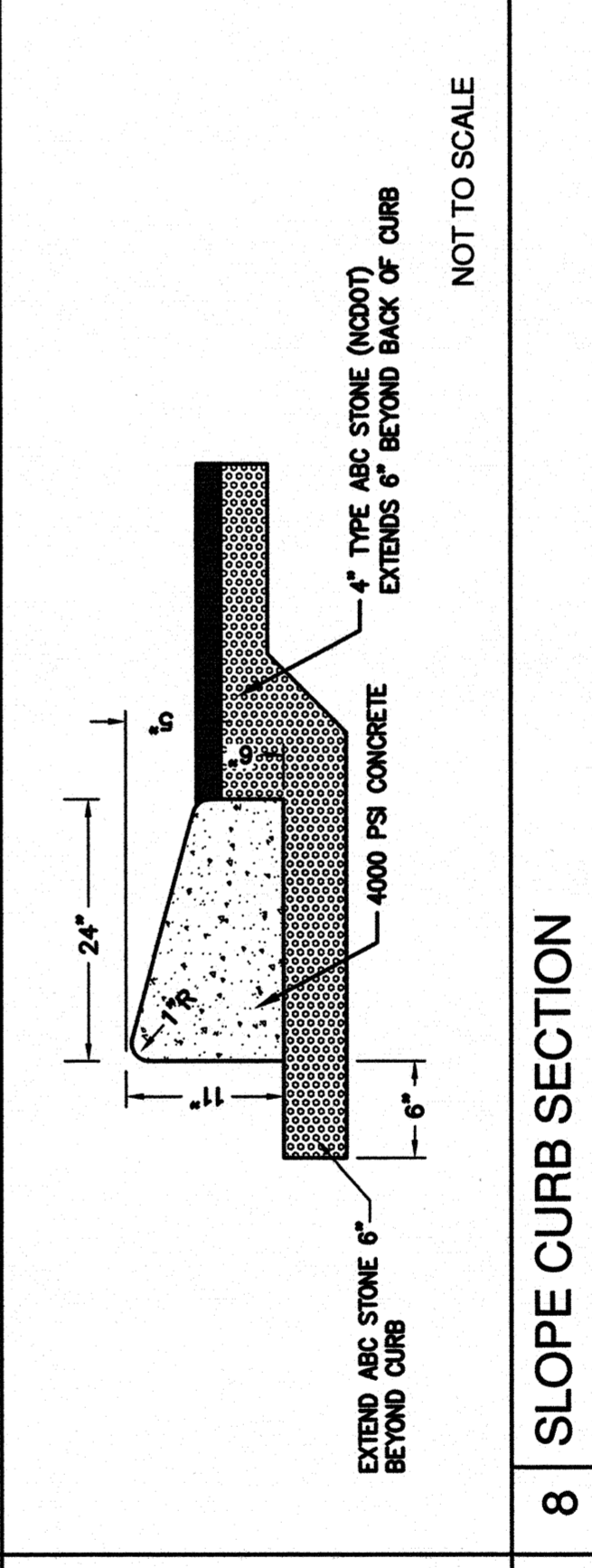
7 CONCRETE WALK FLUSH WITH ASPHALT



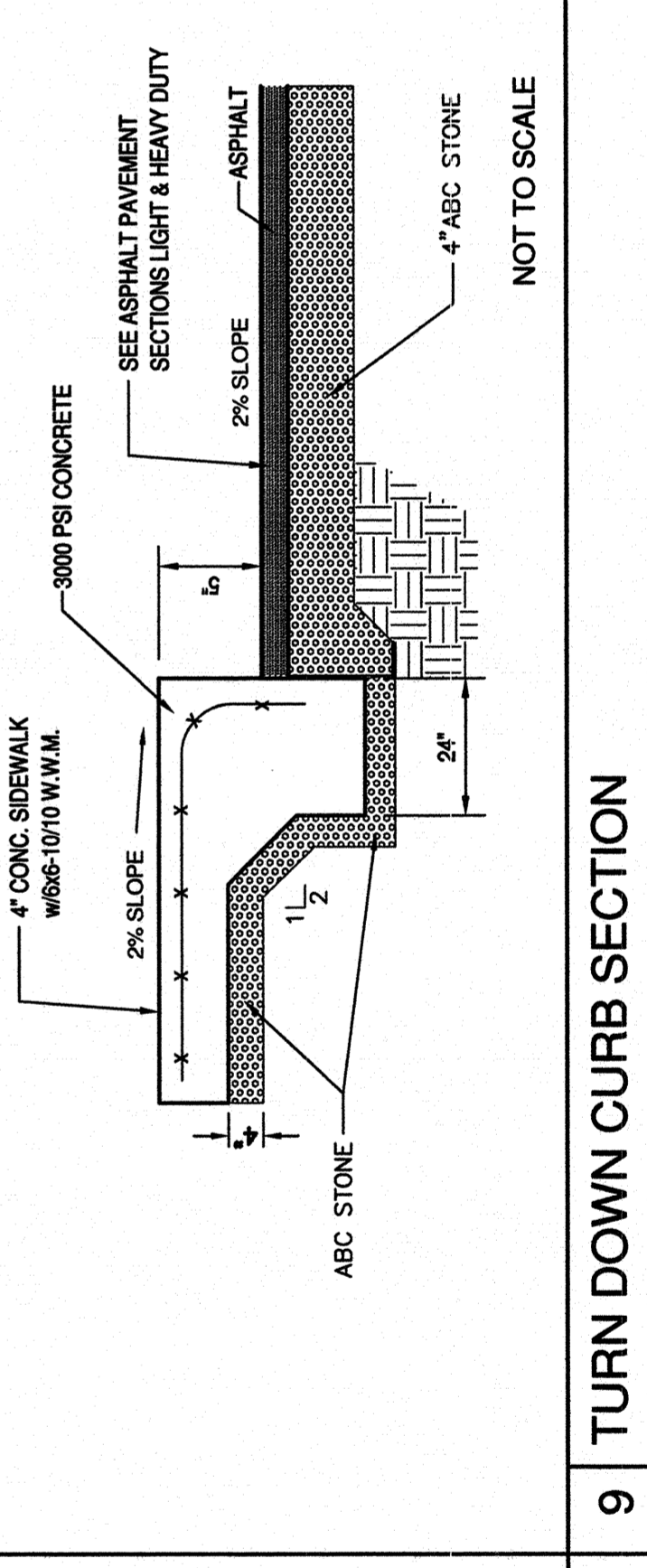
2 24" CURB AND GUTTER SECTION (FLOW-LINE)



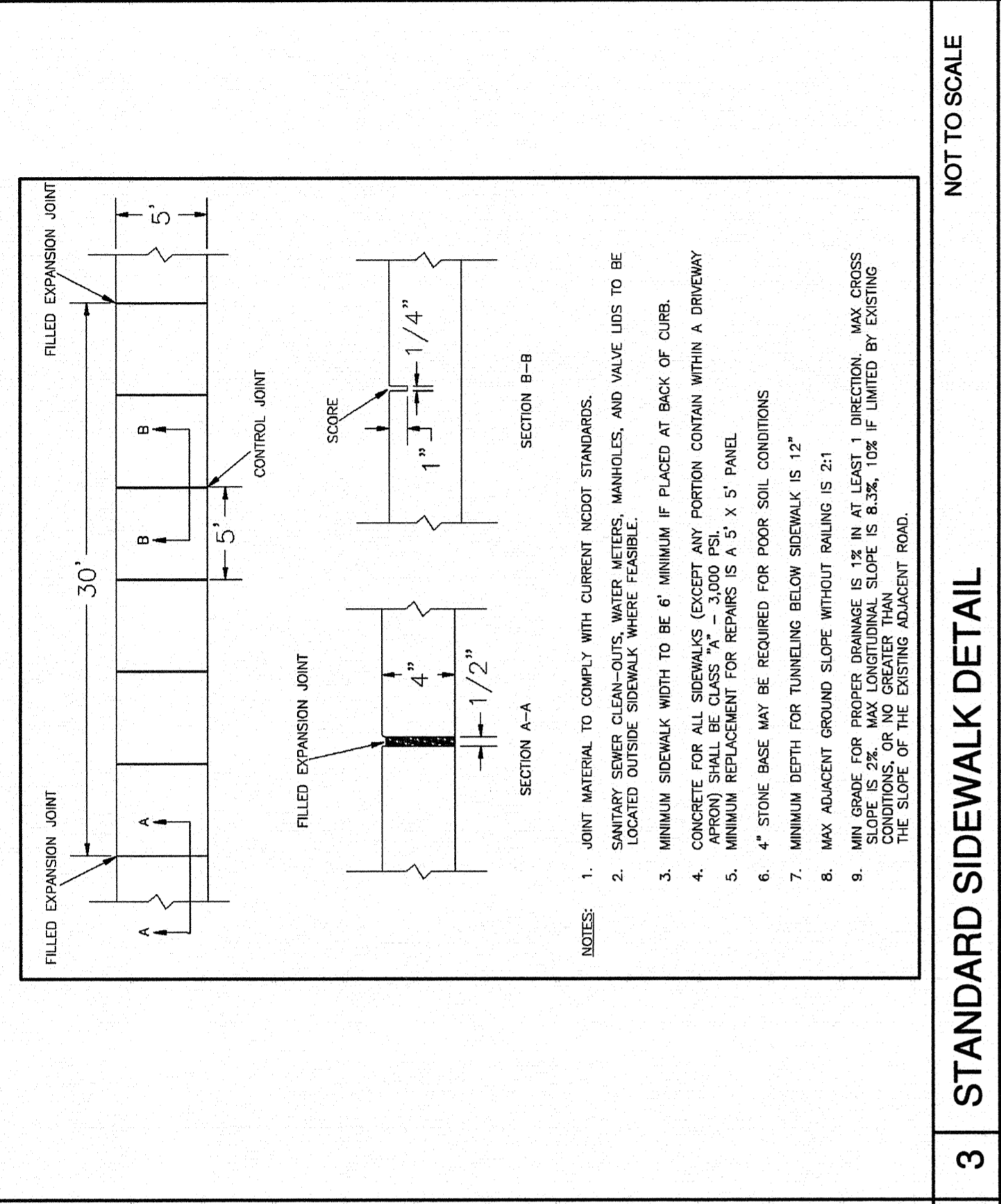
5 TYPICAL HANDICAPPED SIGN DETAIL



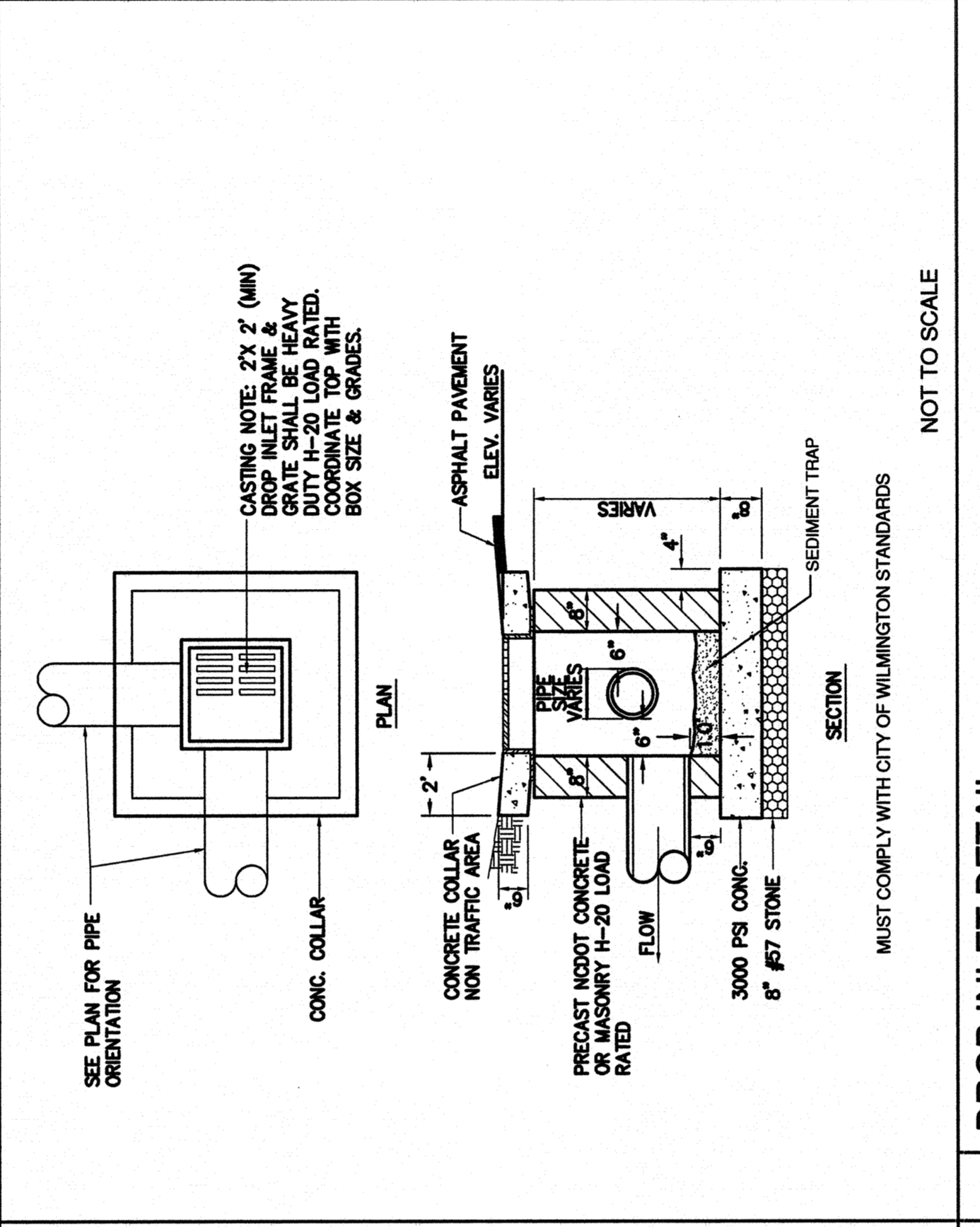
8 SLOPE CURB SECTION



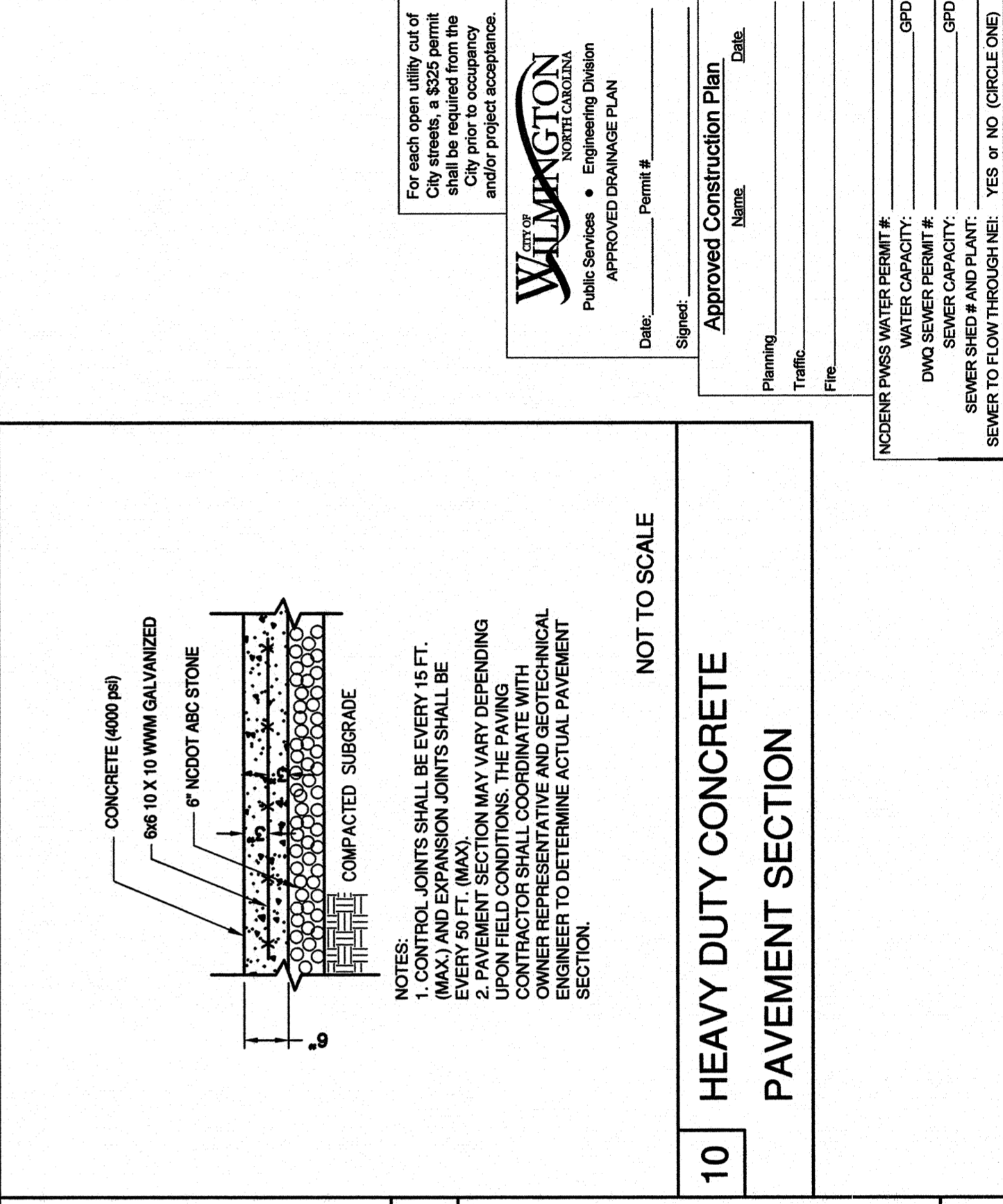
9 TURN DOWN CURB SECTION



3 STANDARD SIDEWALK DETAIL



6 DROP INLET DETAIL



10 HEAVY DUTY CONCRETE PAVEMENT SECTION

CITY OF WILMINGTON
STANDARD NOTES:

- CONTACT THE NORTH CAROLINA ONE CALL CENTER PRIOR TO DOING ANY DIGGING AT 1-800-632-4949.
- PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL VERIFY ALL UTILITIES ARE MARKED AND DEPTH OF TIES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY MUST MEET CITY AND/OR NCDOT STANDARDS.
- ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
- INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STOPPING.
- ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE STANDARDS.
- TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
- IT SHALL BE THE RESPONSIBILITY OF THE SUBOWNER TO ERECT OFFICIAL STREET NAME SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND CITY OF WILMINGTON. THE CONTRACTOR SHALL PAY FOR THE OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBOWNER SHALL PAY THE COST OF THE SIGNS. THE CONTRACTOR SHALL VERIFY THE SIGN IS INSTALLED IN ACCORDANCE WITH THE TECHNICAL STANDARDS. POSTED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
- CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
- A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET CONTRACT. SEE SECTION 24-508 FOR MORE DETAILS. AT CERTAIN DESIGN SITE REPAIRS OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
- ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS, AND CURBING WILL BE REPLACED.
- CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
- PROJECT SHALL COMPLY WITH CPFA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL. CALL 343-3910 FOR INFORMATION.
- IF THE CONTRACTOR DESIRES CPFA WATER FOR CONSTRUCTION HE MUST OBTAIN A WATER METER. THE WATER METER SHALL BE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
- ANY IRRIGATION SYSTEM SUPPLIED BY CPFA WATER SHALL COMPLY WITH CPFA CROSS CONNECTION CONTROL REGULATIONS. CALL 332-6558 FOR INFORMATION.
- ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CPFA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USDOCCOR OR ASSE.
- WHEN PVS WATER MAINS AND/OR POTABLE SERVICE SERVICES ARE EXPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED SINGLE STRAND COPPER WIRE INSTALLED THE ENTIRE LENGTH AND SECURED TO ALL VALVES. THIS WIRE IS TO BE ACCESSIBLE AT ALL FIRE HYDRANTS AND WATER METER BOXES TO AD IN FUTURE LOCATION OF FACILITIES.
- THE NUMBER AND SPACING OF DRIVEWAYS FOR ALL INTERCONNECTED STREETS WILL BE DETERMINED BY THE COMBINED FRONTAGE OF THE INTERCONNECTED DRIVEWAYS.
- UNDERGROUND FIRE LINE MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC ROW TO THE BUILDING. THE CONTRACTOR SHALL PROVIDE THE LOCATION OF THE FIRE LINE AND LIFE SAFETY AT 810-343-0886 FOR ADDITIONAL INFORMATION.
- A LANDSCAPE PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEER DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAN.
- IF AN IRRIGATION SYSTEM IS PLANNED FOR THE SITE, UTILIZE MOISTURE SENSORS.
- ALL PROPOSED VEGETATION WITHIN THE SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10'.
- PLEASE CONSIDER INCORPORATING XERIC LANDSCAPING FOR ALL NEW LANDSCAPING.
- THE CONTRACTOR WILL MAINTAIN ALL-WEATHER EMERGENCY ACCESS TO CONSTRUCTION SITE AT ALL TIMES.

UTILITY NOTES FOR FIRE HYDRANTS:

- FIRE HYDRANTS MUST BE WITHIN 150' OF THE FIRE DEPARTMENT CONNECTION.
- THE FIRE DEPARTMENT CONNECTION MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
- LANDSCAPING AND PARKING CANNOT BLOCK OR IMPEDE THE FIRE DEPARTMENT CONNECTIONS OR FIRE HYDRANTS. A 3' CLEAR SPACE SHALL BE MAINTAINED AT ALL TIMES. THE FIRE HYDRANT CONNECTION AND THE FIRE HYDRANT.
- FIRE HYDRANTS MUST BE LOCATED WITHIN 5' OF THE CURB.
- NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO CONSTRUCTION OF THE BUILDINGS.
- NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO CONSTRUCTION. COMBUSTIBLE MATERIALS BEING DELIVERED TO THE JOB SITE.
- THE CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- TEMPORARY STREET SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION OF NEW ROADWAYS ALLOWS PASSAGE BY VEHICLES.
- UNDERGROUND FIRE LINE AND PRIVATE WATER MAINS MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT FOR THE LOCATION OF FIRE AND LIFE SAFETY AT 810-343-0886 FOR ADDITIONAL INFORMATION.
- A MINIMUM OF 5' SHALL SEPARATE UNDERGROUND FIRE LINES OR PRIVATE WATER MAINS FROM OTHER UNDERGROUND UTILITIES.
- HYDRANTS SHALL BE OF SUFFICIENT NUMBERS TO ACCOMMODATE BASE FIRE FLOW REQUIREMENTS OF THE STRUCTURE.
- BUILDING CONSTRUCTION TYPE: XX

REVISIONS

SYMBOL	DATE	DESCRIPTION	BY

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1429 ASH-LITTLE RIVER RD, NW
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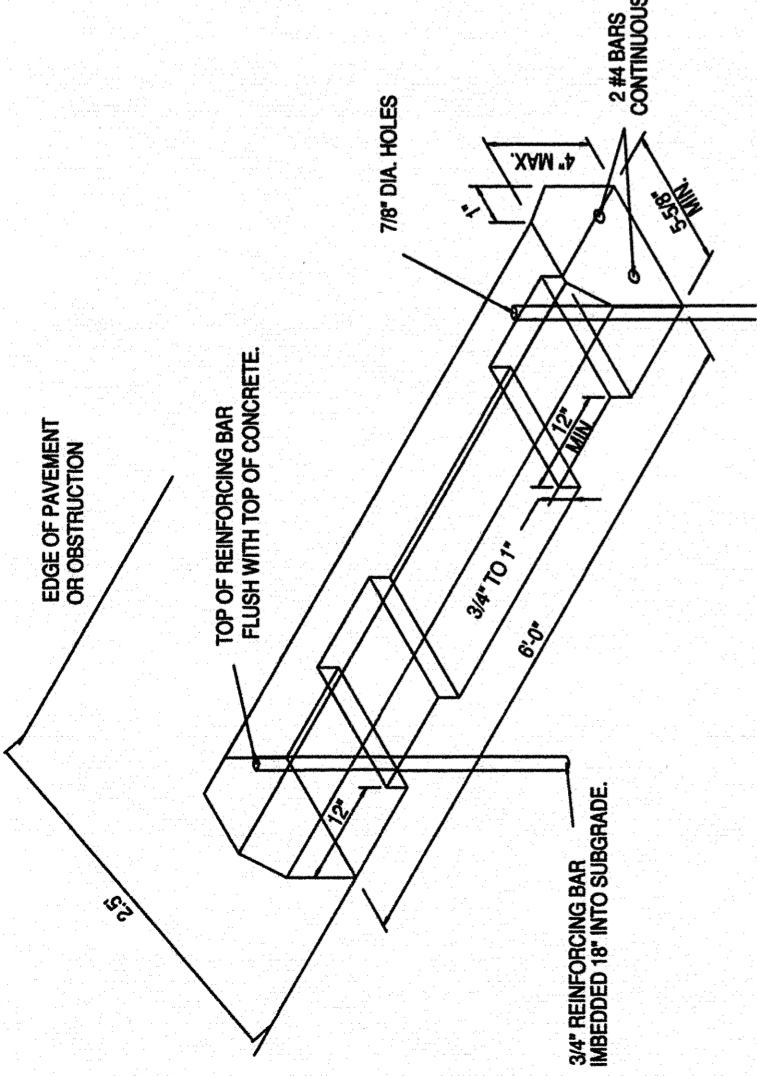
LICENSE #C-3641
17039

DES. JUST
DRA. SLJ
DATE 04/24/2017

DEVELOPER
MANTULA AHLWALIA, MANAGER
KIMET WILMINGTON, LLC
6518 SUNSTAR COURT
CHARLOTTE, NC 28226
(PHONE) 704-507-1814

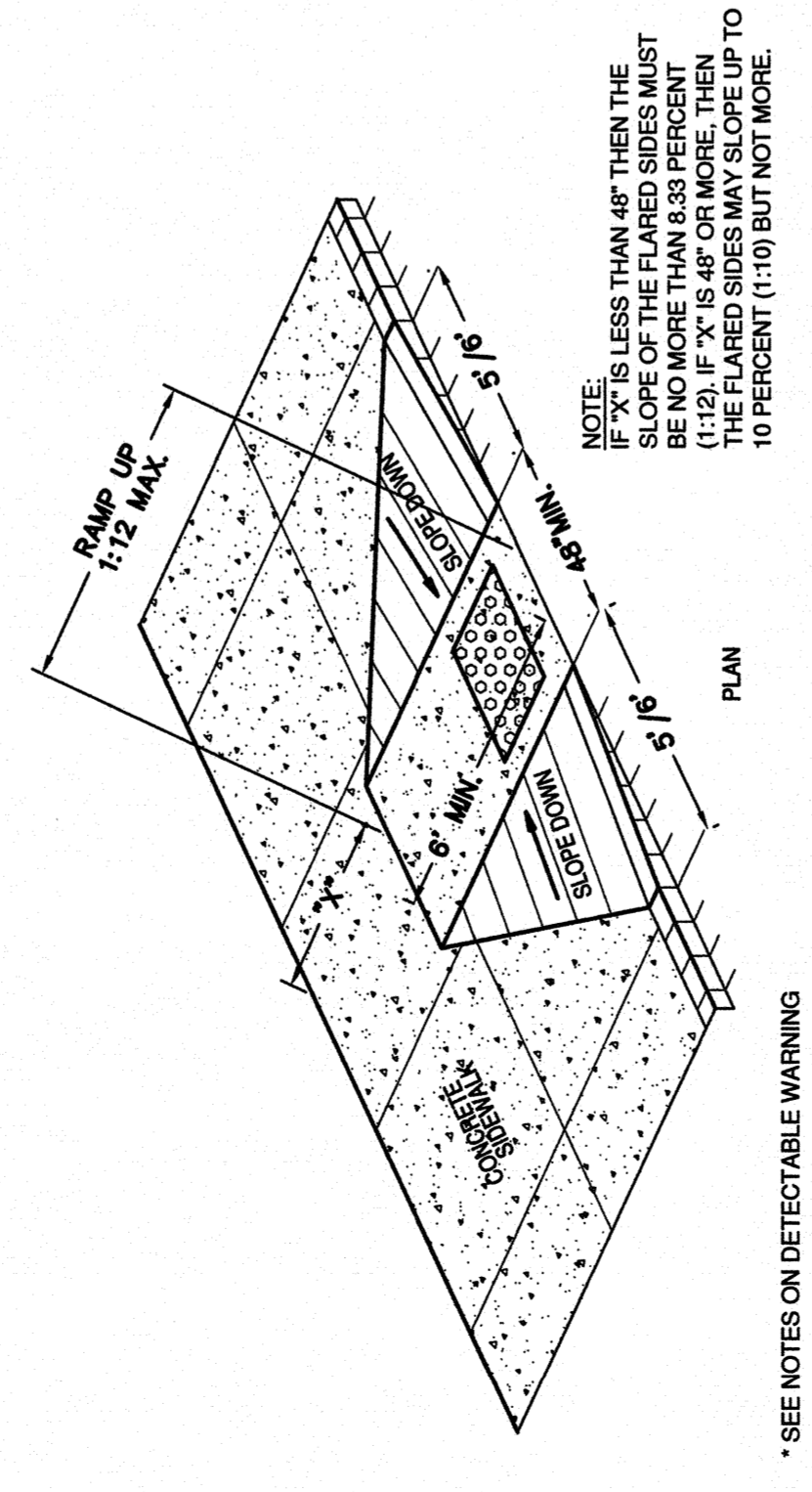
WILMINGTON, N. C.
HOLIDAY INN EXPRESS AND SUITES
MEDICAL CENTER DRIVE

D1

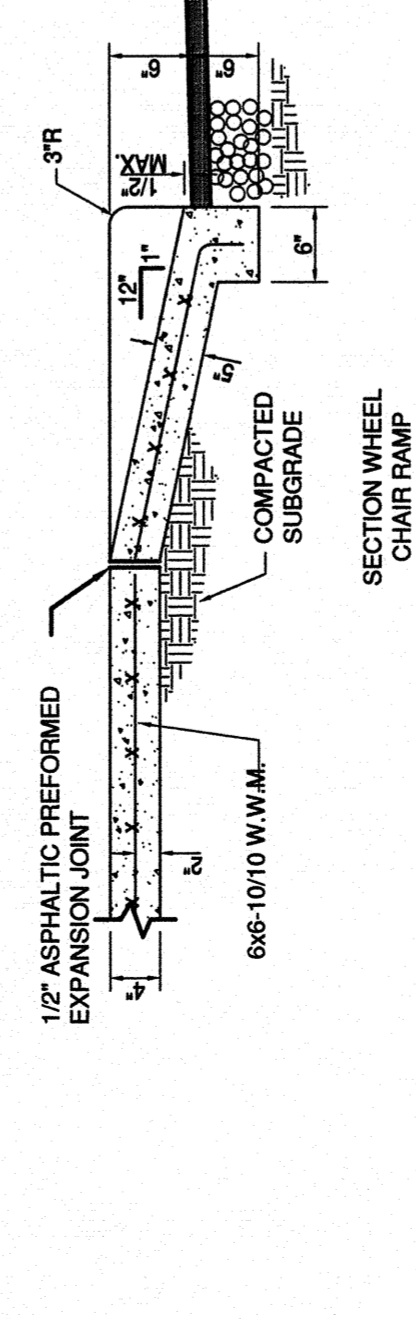


NOT TO SCALE

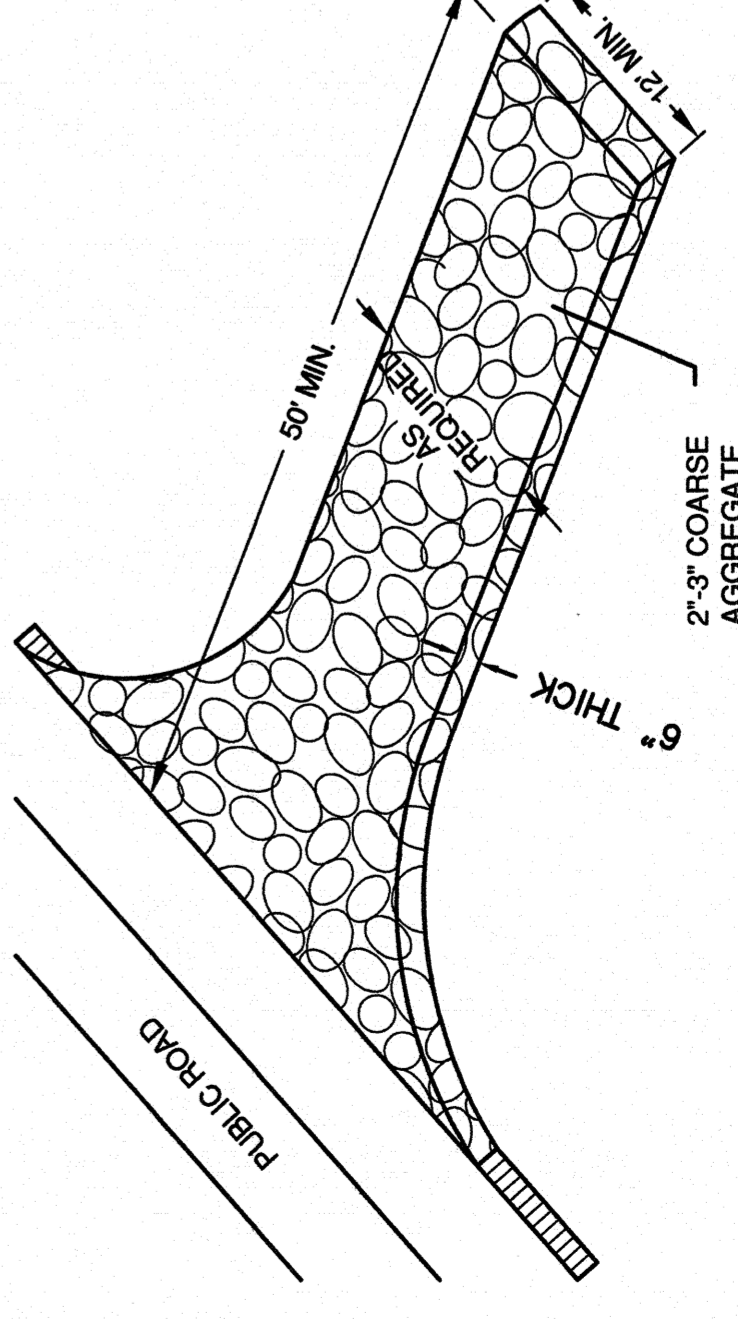
1 CONCRETE WHEEL STOPS



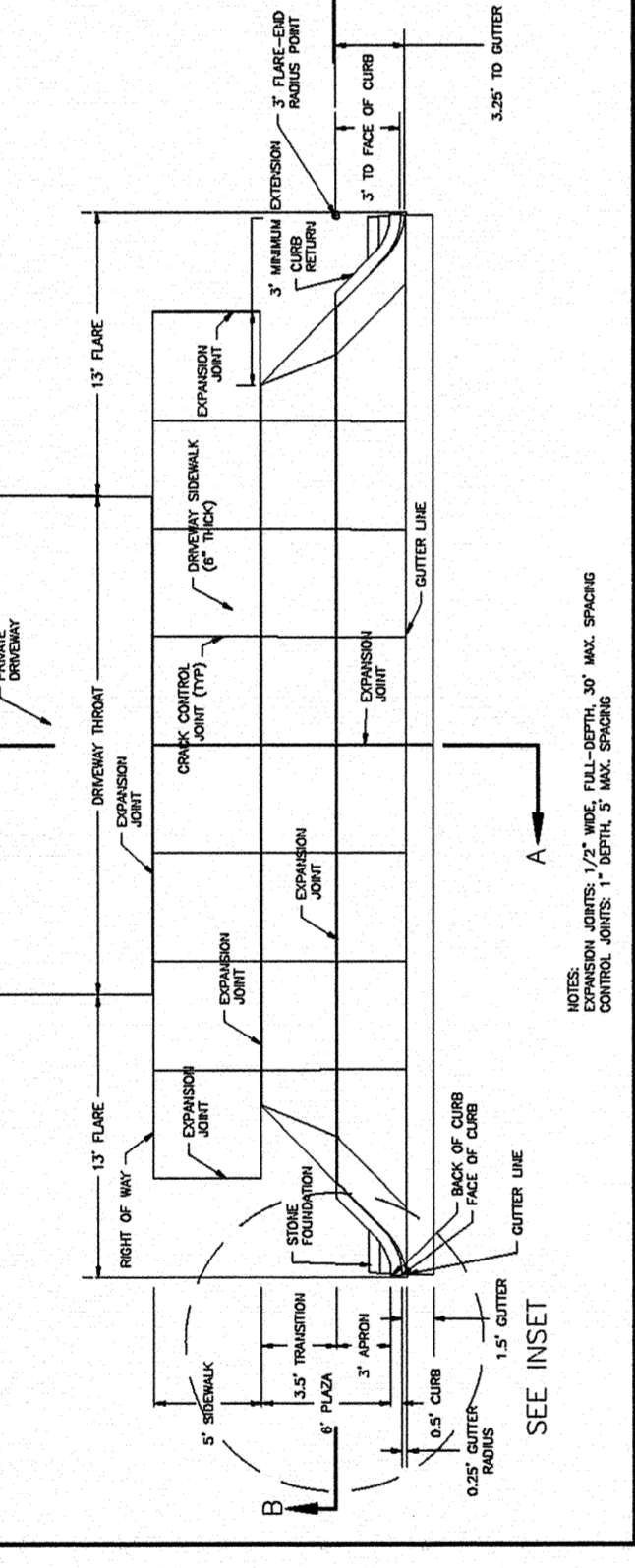
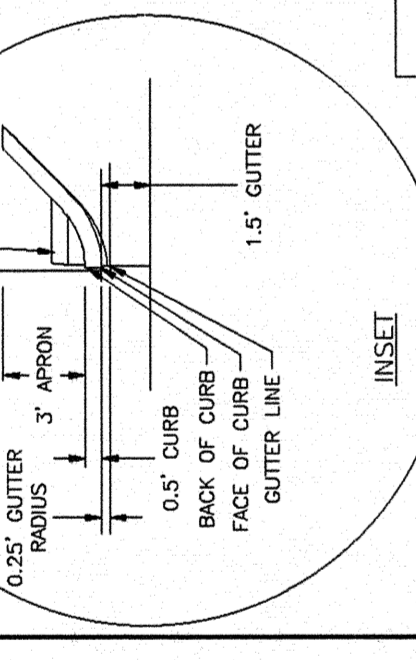
NOTE: SLOPE LESS THAN 4% THEN THE SLOPE OF THE FLARED SIDES MUST BE NO MORE THAN 8.33 PERCENT (1:12). IF 4% TO 8% OR MORE, THEN THE FLARED SIDES MAY SLOPE UP TO 10 PERCENT (1:10) BUT NOT MORE.



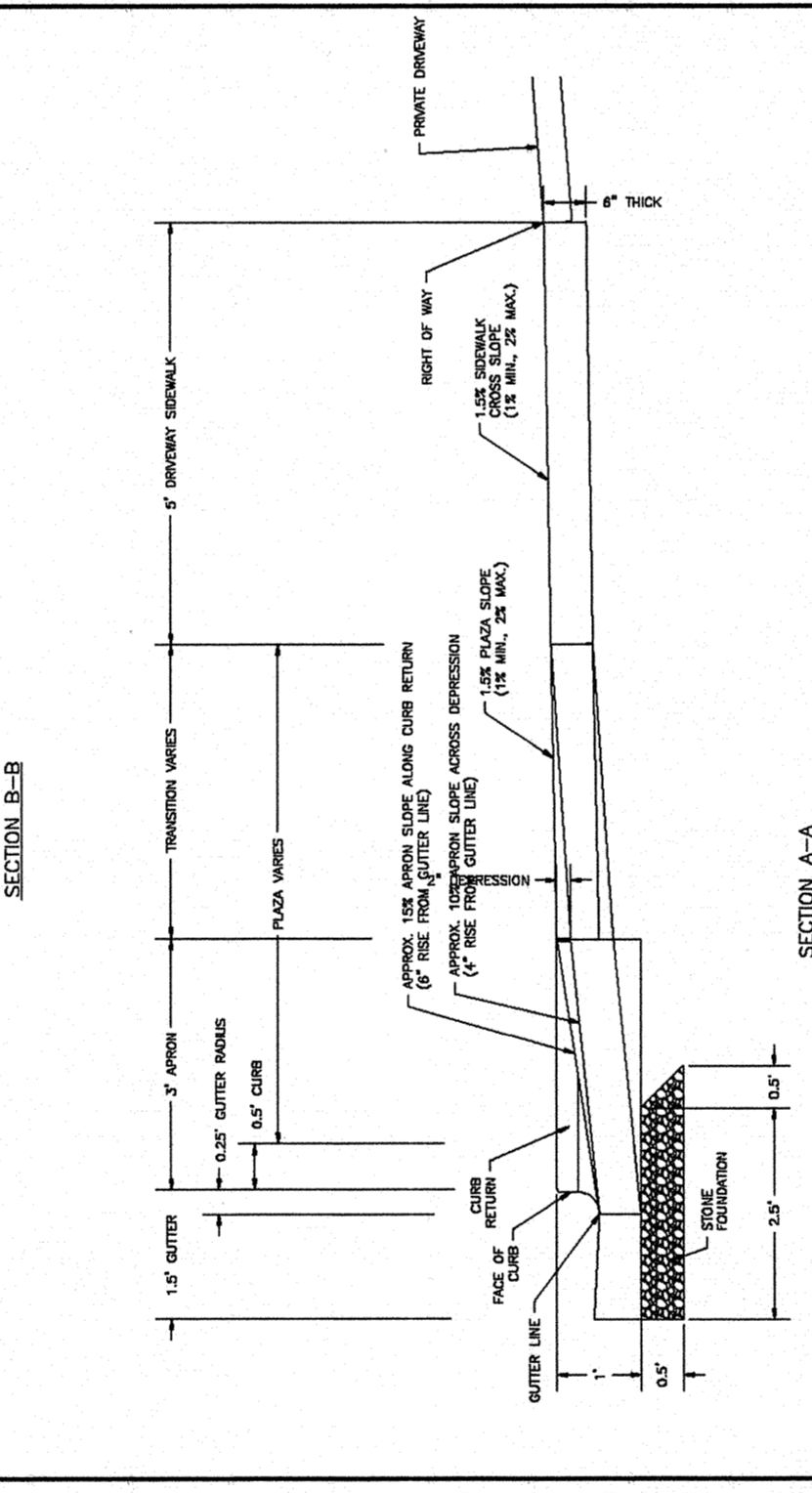
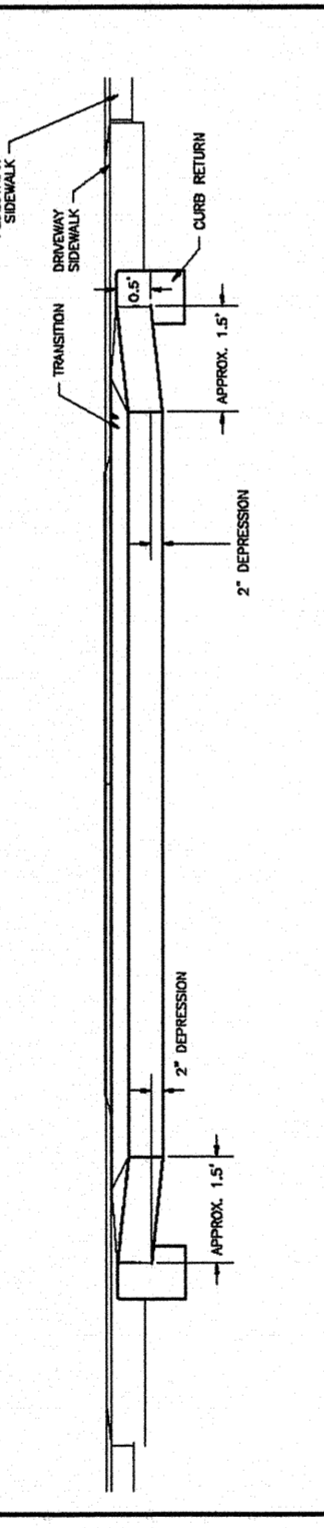
2 SIDEWALK, CURB CUT AND WHEEL CHAIR RAMP DETAIL



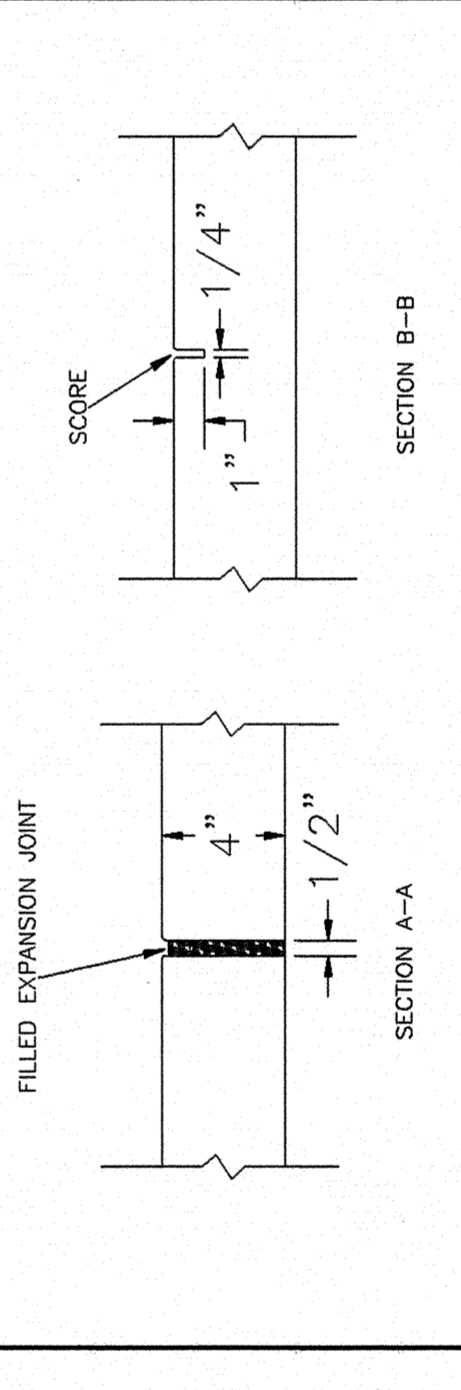
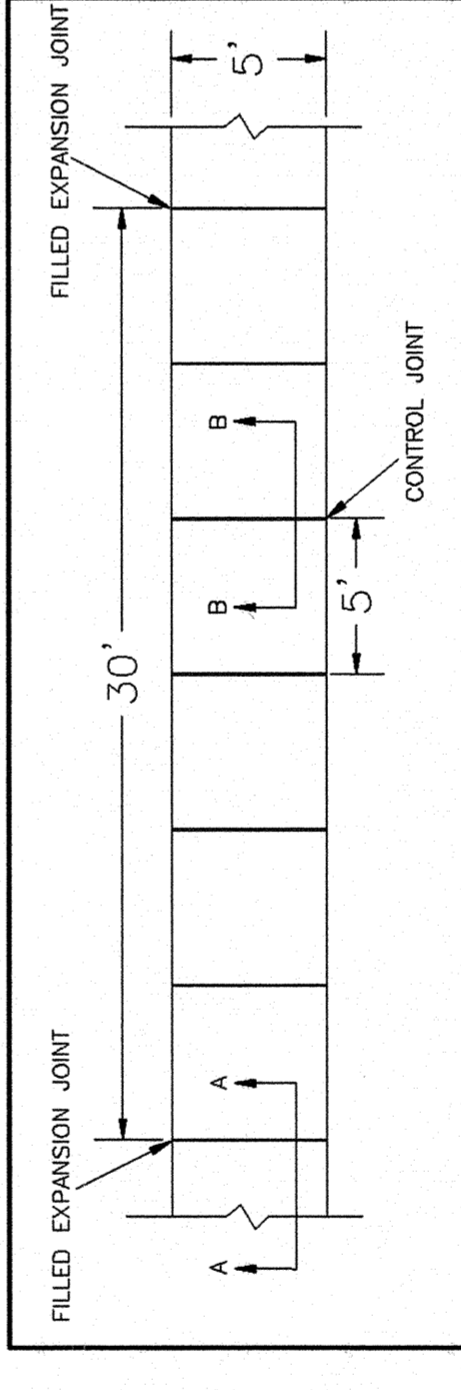
3 TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE



MINIMUM JOINTS: 12' MAX. SPACING, 30' MAX. SPACING
CONTROL JOINTS: 1' DEPTH, 1\"/>



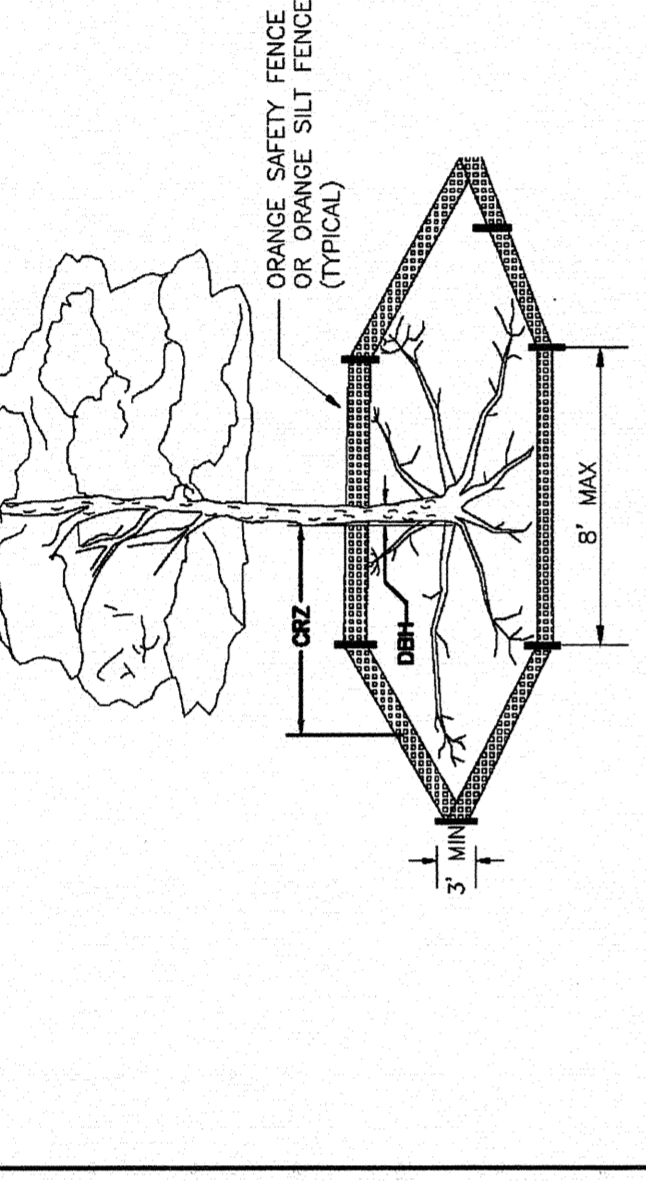
STANDARD CITY OF WILMINGTON DRIVE WAY DETAIL



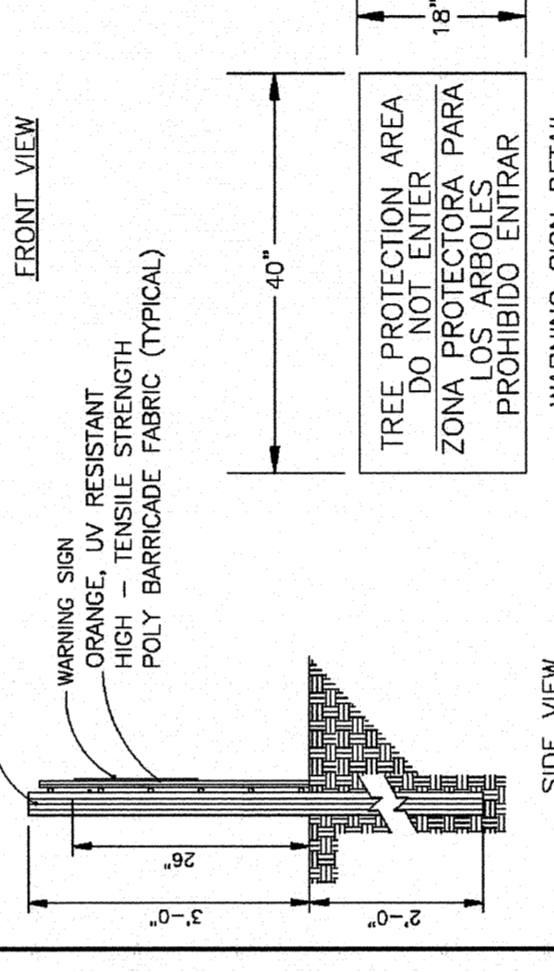
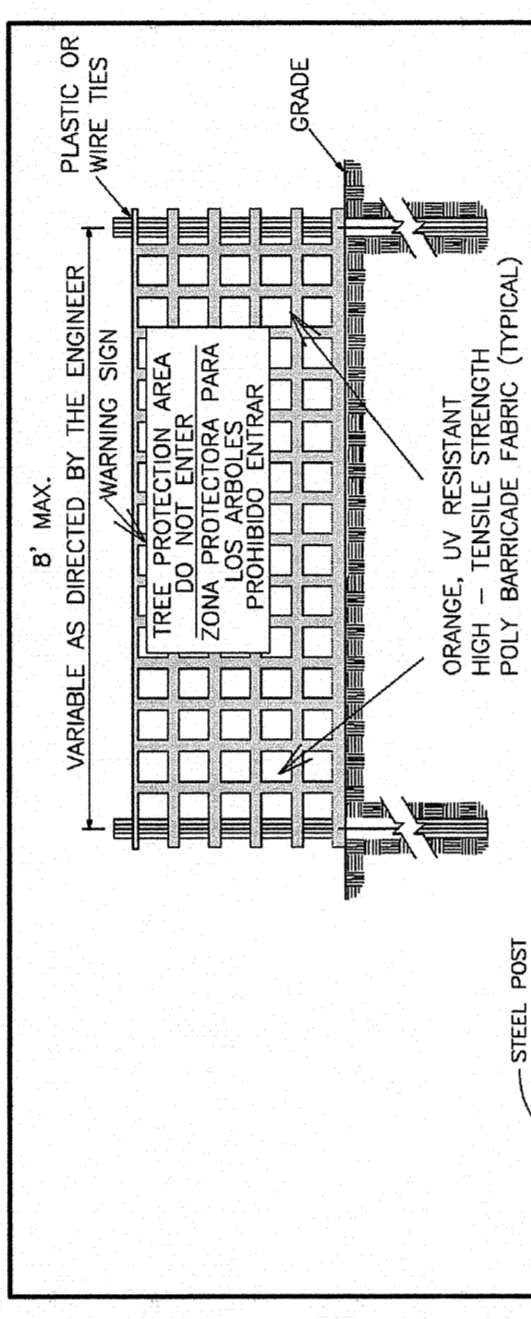
- NOTES:
1. JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
 2. SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES, AND VALVE LIDS TO BE LOCATED OUTSIDE SIDEWALK WHERE FEASIBLE.
 3. MINIMUM SIDEWALK WIDTH TO BE 6' MINIMUM IF PLACED AT BACK OF CURB.
 4. CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAIN WITHIN A DRIVEWAY APRON) SHALL BE CLASS "A" - 3,000 PSI.
 5. MINIMUM REPAIRMENT FOR REPAIRS IS A 5' X 5' PANEL.
 6. 4" STONE BASE MAY BE REQUIRED FOR POOR SOIL CONDITIONS.
 7. MINIMUM DEPTH FOR TUNNELING BELOW SIDEWALK IS 12"
 8. MAX ADJACENT GROUND SLOPE WITHOUT RAILING IS 2:1
 9. MIN. GRADE FOR PROPER DRAINAGE IS 1/4" IN AT LEAST 1' DIRECTION. MAX. CROSS SLOPE IS 2:1. SLOPE SHALL BE GREATER THAN 8:5.8% 10:1 IF LIMITED BY EXISTING CONDITIONS, OR NO GREATER THAN 8:5.8% 10:1 IF LIMITED BY EXISTING THE SLOPE OF THE EXISTING ADJACENT ROAD.

STANDARD SIDEWALK DETAIL

NOTE: THE CRITICAL ROOT ZONE (CRZ) OF A TREE IS THE ZONE OF THE SOIL AND SUBSTRATE IN THE TOP 24" OF THE SOIL AND SUPPLY THE MAJORITY OF NUTRIENTS AND WATER TO THE TREE. THE CRZ IS A CIRCULAR ZONE WITH A DIAMETER OF 2-3X THE HEIGHT OF THE TREE.



- NOTES:
1. 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. THE BARRIER SHALL BE MAINTAINED AT A MINIMUM HEIGHT OF 12\"/>
 - 2. 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.
 - 3. TO AVOID DAMAGE TO THE ROOTS, ALTERNATE CONSTRUCTION METHODS, SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY.
 - 4. TO AVOID DAMAGE TO THE ROOTS, STUMP GRUBBING SHALL BE PROHIBITED. NO EQUIPMENT SHALL BE ALLOWED TO PARK UNDER TREES. NO MATERIALS OR VEHICLES SHALL BE STORED BENEATH TREES. DAMAGING THE BARK WITH ANY TOOL OR EQUIPMENT SHALL BE PROHIBITED.
 - 5. CONTRACTOR SHALL REPAIR DAMAGE TO TREES. NOTHING ELSE IS PROHIBITED.
 - 6. FAILING TO INSTALL OR MAINTAIN PROTECTION MEASURES SHALL RESULT IN A STOP WORK ORDER AND FINE OF \$500/DAY. DISTURBANCE OTHER THAN THAT ALLOWED BY THIS PLAN SHALL BE PROHIBITED. REQUIRE OWNER TO POST A LETTER OF CREDIT FOR 3 YEARS FOR TREE MITIGATION.



- NOTES:
1. THE TREE PROTECTION FENCING SHALL NOT BE VIOLATED FOR THE ENTIRE DURATION OF THE PROJECT. APPROVAL FROM THE URBAN FORESTRY STAFF TO VIOLATE THE FENCING SHALL BE OBTAINED PRIOR TO VIOLATION. VIOLATIONS SHALL BE 3' HIGH, MINIMUM CLEARLY LEGIBLE AND SPACED AS DETAILED.
 2. 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 WITH A PERIMETER, PROVIDE NO LESS THAN ONE SIGN AT EACH CORNER OF THE PROTECTION AREA.
 3. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC. MAINTAIN TREE PROTECTION FENCING AND SIGNS THROUGHOUT DURATION OF PROJECT.
 4. ADDITIONAL SIGNS MAY BE REQUIRED BY CITY OF WILMINGTON, BASED ON ACTUAL FIELD CONDITIONS.

TREE PROTECTION DURING CONSTRUCTION

DETAILS AND NOTES
HOLIDAY INN EXPRESS AND SUITES
MEDICAL CENTER DRIVE
WILMINGTON, N. C.

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License #C-3641
170339
DES. JST
CDD. JST
DWL. SLF
DATE: 06/14/2017

THE CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN

Signature: _____
Date: _____
Permit # _____

Approved Construction Plan
Name: _____
Date: _____

Planning: _____
Traffic: _____
Fire: _____

INCUBATOR PASS WATER PERMIT # _____ GPD
DWS SEWER PERMIT # _____ WATER CAPACITY: _____ GPD
SEWER CAPACITY: _____ GPD
SEWER SHED AND PLANT: _____
SEWER TO FLOW THROUGH: YES or NO (CIRCLE ONE)

SYMBOL	DATE	DESCRIPTION	BY
REVISIONS			
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D2