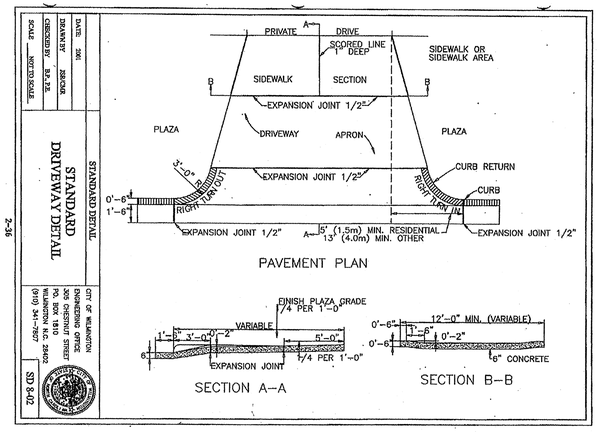
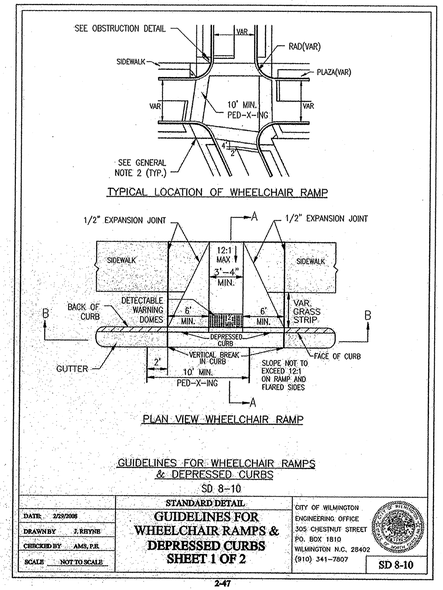
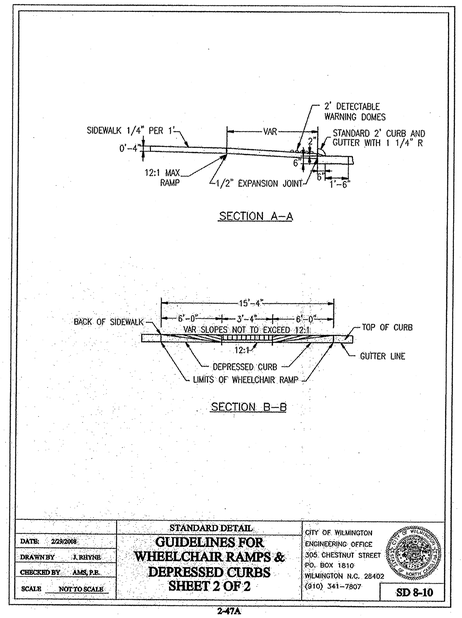
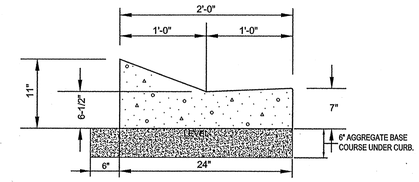






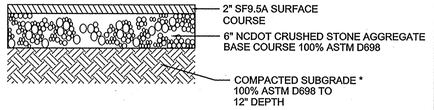


TYPE "H" CURB AND GUTTER

NOT TO SCALE

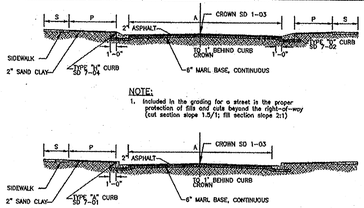
GENERAL NOTES:

CONTRACTION JOINTS SHALL BE SPACED AT MAX. 10' INTERVALS, EXCEPT THAT A 15 FOOT SPACING MAY BE USED WHEN A MACHINE IS USED OR WHEN SATISFACTORY SUPPORT FOR THE FACE FORM CAN BE OBTAINED WITHOUT THE USE OF TEMPLATES AT 10 FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1-1/2" SHALL BE OBTAINED. ALL CONTRACTION JOINTS EXCEPT IN 8" X 6" MEDIAN CURB SHALL BE FILLED WITH JOINT SEALER. EXPANSION JOINTS SHALL BE SPACED AT 90' INTERVALS AND ADJACENT TO ALL RIGID OBJECTS.



PAVEMENT SECTION

NOT TO SCALE

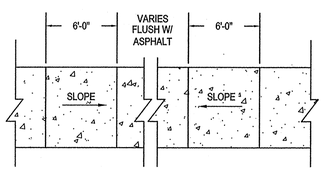


STANDARD STREET SECTION SD 1-01

		R-O-W	DIMENSIONS WITH TYPE "A" CURB			DIMENSIONS WITH TYPE "D" CURB			DIMENSIONS WITH TYPE "M" CURB		
			ASPHALT (A)	PLAZA (P)	SIDEWALK (S)	ASPHALT (A)	PLAZA (P)	SIDEWALK (S)	ASPHALT (A)	PLAZA (P)	SIDEWALK (S)
COLLECTOR	NON-RESIDENTIAL	80'	33'	6'	5'	NA	NA	5'	NA	NA	5'
	RESIDENTIAL	60'	29'	6'	5'	NA	NA	5'	NA	NA	5'
LOCAL (RESIDENTIAL)	≤50 UNITS	50'	23'	6'	5'	26'	5'	5'	24'	6'	5'
	≤15 UNITS	40'	19'	5'	5'	18'	4'	5'	18'	* 5'	5'
ALLEY		20'	=14' of asphalt with 1' header curb and 1' plaza, additional easement may be required for utilities								
PRIVATE ACCESS EASEMENT		24' EAS.	=16' of paved surface, 10' for utility and/or stormwater								

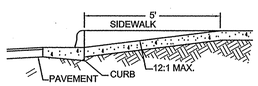
NOTES:

1. ALL DEVELOPMENT IN THE CITY OF WILMINGTON SHALL CONFORM TO CITY TECHNICAL STANDARDS AND ALL RECOMMENDATIONS OF THE TECHNICAL REVIEW COMMITTEE.
2. CROSS-SECTION REVIEWED BY CITY SRB MAY RESULT IN THE USE OF A 4-FOOT WIDE PLAZA, RATHER THAN 5-FOOT AS LISTED IN THE C.O.W. TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL.
3.** CROSS SECTION REVIEWED BY CITY SRB FEATURED 22-FOOT BACK-TO-BACK STREET CROSS SECTION FROM NAVAHO TRAIL TO THE PROPOSED CUL-DE-SAC, AND A 20' BACK-TO-BACK STREET CROSS SECTION AROUND THE CUL-DE-SAC. BOTH SECTIONS ARE SUBJECT TO REVIEW AND APPROVAL OF AN ENGINEERED SITE PLAN BY TRC.

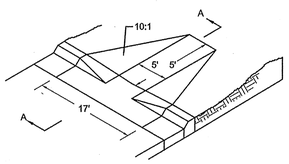


HANDICAP RAMP

NOT TO SCALE

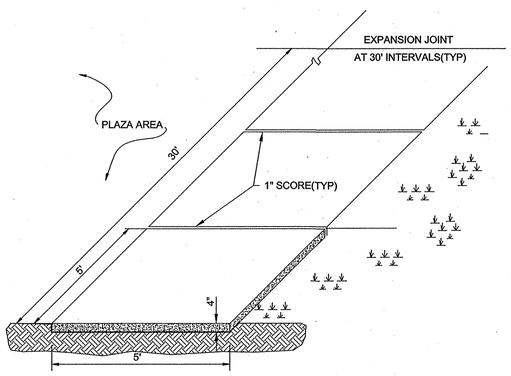


SECTION A-A



WHEELCHAIR RAMP (DROP CURB)

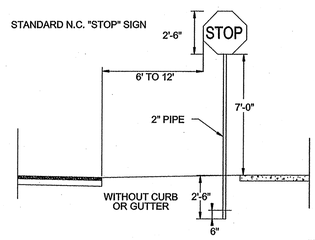
NOT TO SCALE

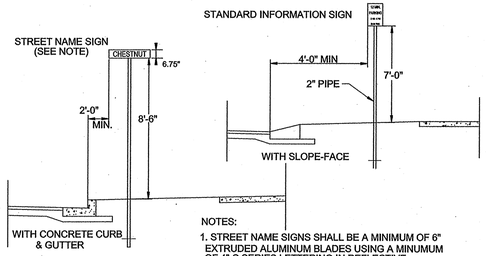


STANDARD SIDEWALK DETAIL

SD 8-15

NOT TO SCALE





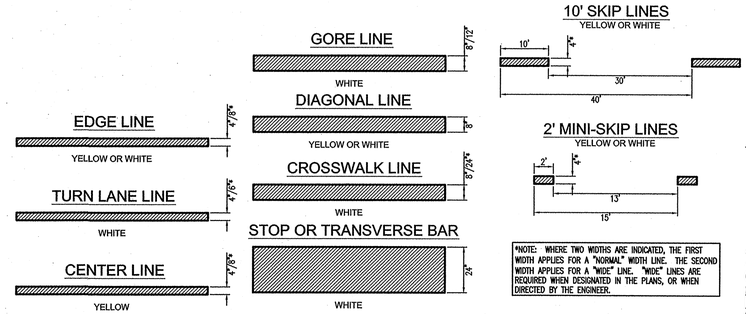
NOTES:

1. STREET NAME SIGNS SHALL BE A MINIMUM OF 6" EXTRUDED ALUMINUM BLADES USING A MINUMUM OF 4" C SERIES LETTERING IN REFLECTIVE SILVER & REFLECTIVE GREEN BACKGROUND.
2. ALL REFLECTIVE SIGNS SHALL BE MADE OF ENGINEERING GRADE OR HIGH INTENSITY GRADE REFLECTIVE SHEETING OR APPROVED EQUIVALENT.
3. ALL SIGNS PLACED IN RIGHT-OF-WAY WILL BE APPROVED BY TRAFFIC ENGINEERING DIVISION.
4. ALL FOOTINGS TYPICAL FOR ALL SIGNS, WHICH NEED TO BE ANCHORED IN CONCRETE.

STANDARD SIGN INSTALLATION LOCATION

SD 15-04

NOT TO SCALE



*NOTE: WHERE TWO WIDTHS ARE INDICATED, THE FIRST WIDTH APPLIES FOR A "NORMAL" WIDTH LINE. THE SECOND WIDTH APPLIES FOR A "WIDE" LINE. "WIDE" LINES ARE REQUIRED WHEN DESIGNATED IN THE PLANS, OR WHEN DIRECTED BY THE ENGINEER.

PAVEMENT MARKINGS LINE TYPES

NOT TO SCALE

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

Approved Construction Plan

	Name	Date
Planning		2-17-15
Traffic		2-17-15
Fire		2-18-15

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: 2/17/15 Permit # 20150073
Signed:

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

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

PER CITY STORMWATER COMMENTS	12/16/14
PER TRAFFIC ENGINEERING, ADD HC RAMP	1/20/15

CLIENT INFORMATION:

LOT 2 DEVELOPMENT
1015 ASHES DR., SUITE 202
WILMINGTON, NC 28405

PARAMOUNTE ENGINEERING, INC.
WILMINGTON, NC FAYETTEVILLE, NC
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

DETAILS

MELTON OAKS SUBDIVISION
WILMINGTON
NORTH CAROLINA

PROJECT STATUS
CONCEPTUAL LAYOUT:
PRELIMINARY LAYOUT:
FINAL DESIGN:
RELEASED FOR CONST:

DRAWING INFORMATION
DATE: 150114
SCALE: N/A
DESIGNED: GLM
DRAWN: GLM
CHECKED: RPB

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 16729 ENGINEER DAVID B. BOWMAN 2/13/15

C-5.0

PEI JOB#: 14149.PE