

DESIGNER

CLARK NEXSEN

213 South Jefferson Street, Suite 1011
 Roanoke, Virginia 24011
 T: 540-982-0200 F: 540-982-1193
 WWW.CLARKNEXSEN.COM
 CLARK NEXSEN LICENSE NUMBER: C-1028

CONSULTANT

CLH DESIGN, P.A.
 Regency Park
 400 Regency Forest Drive
 Suite 120
 Cary, North Carolina 27518
 Phone: (919) 318-8716
 Fax: (919) 318-7616
 LA: C-106, PE: C-1595

SEALS



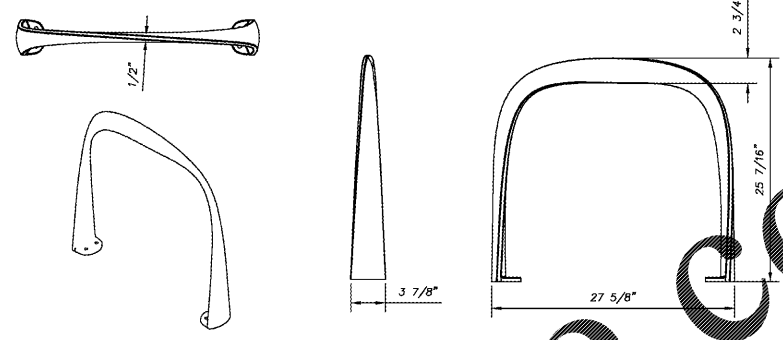
SUBMITTAL
 4 MAY 2018

CONSTRUCTION DOCUMENTS

SHEET

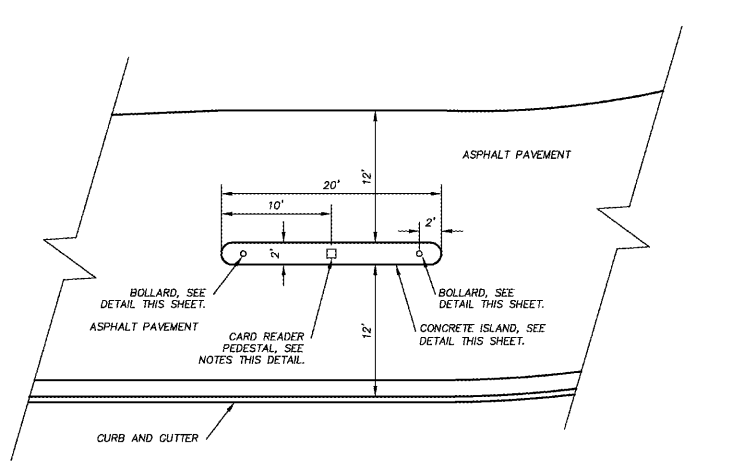
DETAILS
C704

DESIGN: ZRP
 DRAWN: YA, DL
 REVIEW: ZRP, KAL
 CN 5938
 CLH 16-161



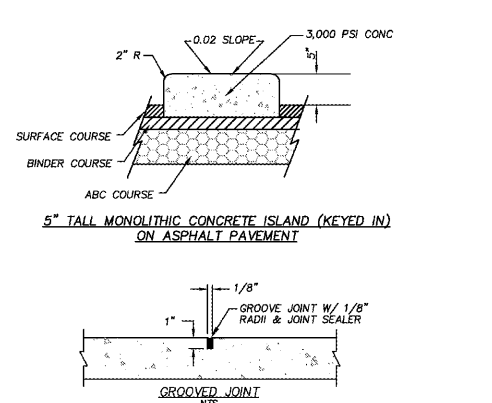
BIKE RACK N.T.S.

BIKE MAGS: CBR1600 OR APPROVED EQUAL.
 COLOR: TO BE SELECTED BY LANDSCAPE ARCHITECT
 INSTALLATION: SURFACE MOUNT AS PER MANUFACTURERS
 RECOMMENDATION.
 SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

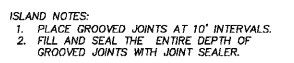


CONCRETE MONOLITHIC ISLAND N.T.S.

CARD READER NOTES:
 1. 48" TALL, STEEL, 12" GOOSENECK CARD READER PEDESTAL. COLOR = BLACK. MODEL 48-9C BY PEDESTAL PRO OR APPROVED EQUAL.
 2. INCLUDE BOX/HOOD TO HOUSE CARD READER AND OTHER SECURITY APPURTENANCES.
 3. SEE ELECTRICAL FOR CARD READER AND APPURTENANCES.

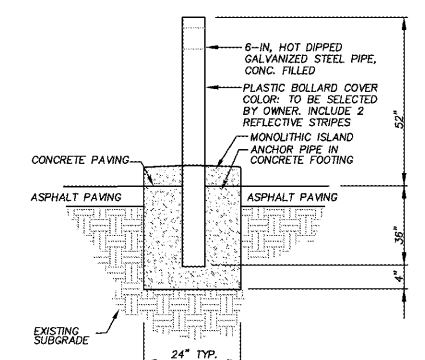


5" TALL MONOLITHIC CONCRETE ISLAND (KEYED IN) ON ASPHALT PAVEMENT



GROOVED JOINT N.T.S.

ISLAND NOTES:
 1. PLACE GROOVED JOINTS AT 10' INTERVALS.
 2. FILL AND SEAL THE ENTIRE DEPTH OF GROOVED JOINTS WITH JOINT SEALER.

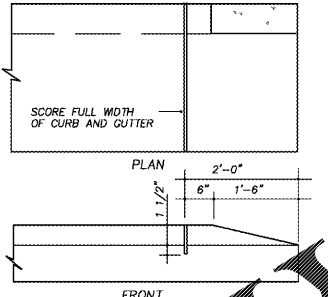


STEEL BOLLARD IN CARD READER ISLAND N.T.S.

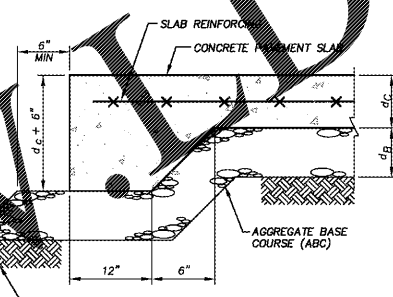
	HEAVY DUTY	LIGHT DUTY
TYPE SF-6 SA SURFACE COURSE	2-IN	2-IN
TYPE 1-19.0B BINDER COURSE	2.5-IN	---
AGGREGATE BASE COURSE	6-IN	6-IN
COMPACTED SUBGRADE		

ASPHALT PAVEMENT

- NOTES:
 1. SEE SPECIFICATIONS FOR PROOFROLLING, COMPACTION & TESTING REQUIREMENTS.
 2. DETAIL IS FOR ON-SITE PAVING OPERATIONS ONLY.
 3. THE CONTRACTOR MAY CHOOSE TO INSTALL INTERMEDIATE COURSES OF PAVEMENT TO STABILIZE THE SITE DURING CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ADEQUATE THICKNESS REQUIRED FOR INTERMEDIATE PAVING. INCREASES IN THE DESIGN PAVEMENT SECTION TO FACILITATE INTERMEDIATE PAVING SHALL BE PROVIDED AT NO ADDITIONAL COST.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGES TO SUBGRADE, INSTALLED BASE COURSE AND/OR INTERMEDIATE PAVING PRIOR TO PLACING SUBSEQUENT PAVEMENT LIFTS AT NO ADDITIONAL COST.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PAVEMENT DURING ALL PHASES OF WORK. THE FINAL SURFACE OF PAVEMENT SHALL BE FREE OF ALL DEFECTS OR DAMAGE.

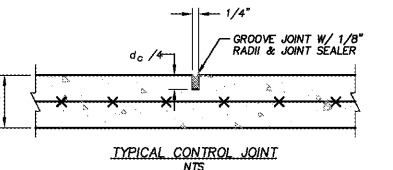


STD METHOD ENDING CURB N.T.S.

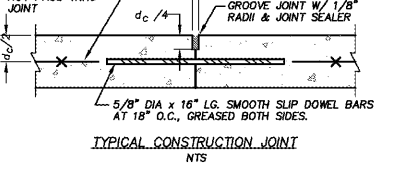


TYPICAL THICKENED EDGE N.T.S.

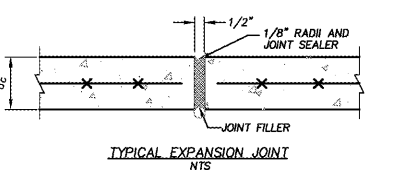
CONCRETE PAVEMENT DIMENSIONS
 CONC SLAB THICKNESS, $d_c = 6"$
 ABC THICKNESS, $d_b = 6"$
 REINFORCEMENT = 6x6-W2.9xW2.9



TYPICAL CONTROL JOINT N.T.S.



TYPICAL CONSTRUCTION JOINT N.T.S.

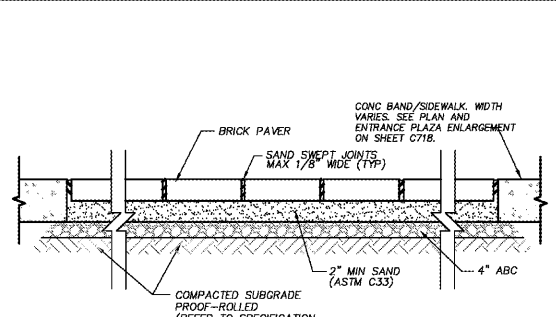


TYPICAL EXPANSION JOINT N.T.S.

- NOTES:
 1. ALL CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI (ASTM C39).
 2. CONTRACTION JOINTS SHALL BE SPACED AT 15 FT O.C.E.W. MAX. OR AS INDICATED ON THE PLAN.
 3. EXPANSION JOINTS SHALL BE SPACED AT 50 FT O.C.E.W. MAX. OR AS INDICATED ON THE PLAN AND WHERE CONCRETE PAVEMENT ABUTS ANY RIGID OBJECT.

CONCRETE PAVEMENT

N.T.S.



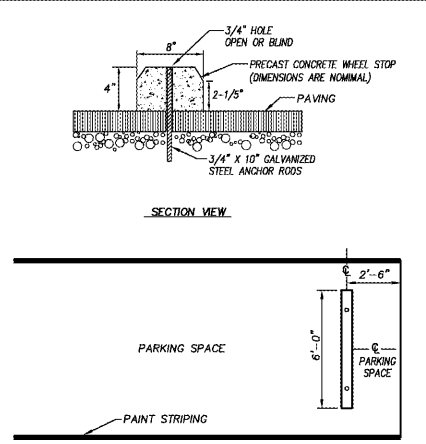
BRICK PAVERS

NOTES:
 1. BRICK PAVERS SHALL MATCH EXISTING TYPE, SIZE, AND COLOR OF BUILDING. SUBMIT TO ARCHITECT FOR APPROVAL.
 2. BRICK PAVERS SHALL BE LIGHT-TRAFFIC PAVING BRICK: SOLID BRICK COMPLYING WITH ASTM C902 AND THE FOLLOWING: WEATHER CLASS: SX TRAFFIC TYPE: APPLICATION: PS

BRICK PATTERN

BRICK PAVERS

N.T.S.

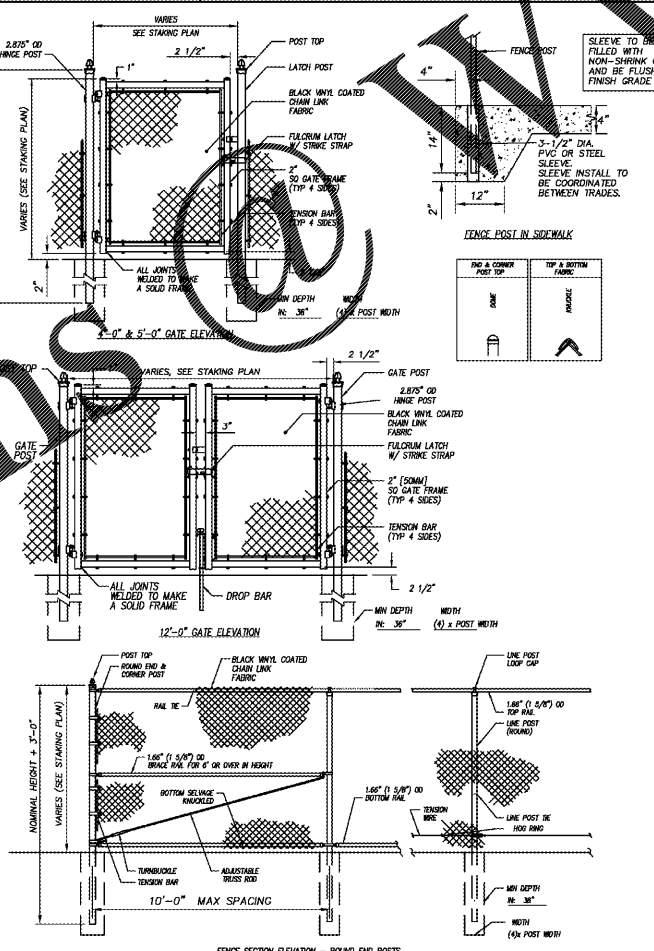


PRECAST CONCRETE WHEELSTOP

APPROVED CONSTRUCTION PLAN	
NAME	DATE
PLANNING _____	_____
TRAFFIC _____	_____
FIRE _____	_____

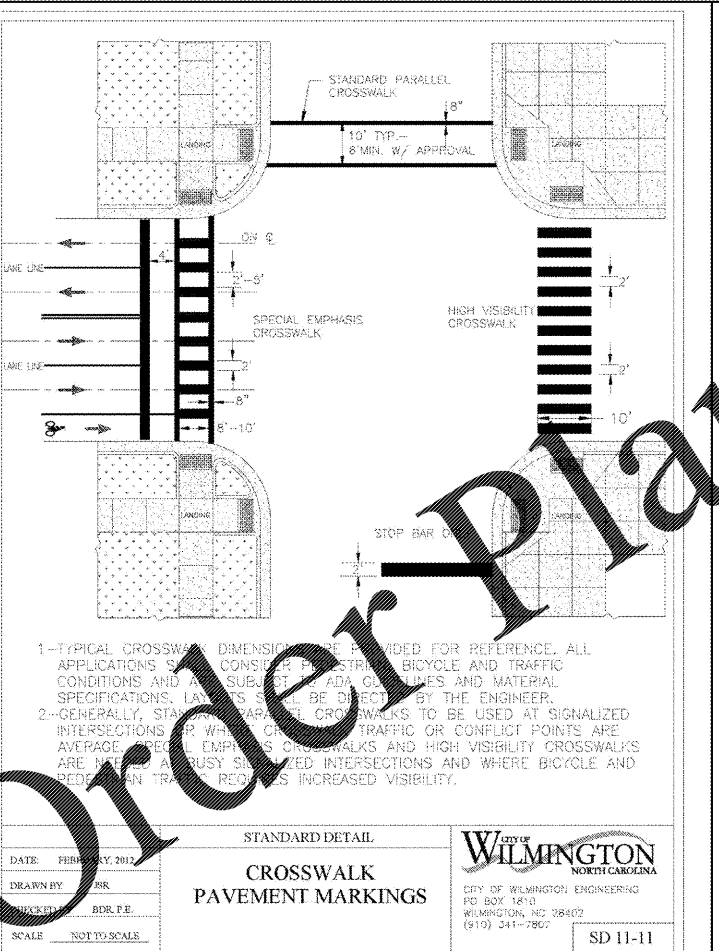
PRECAST CONCRETE WHEELSTOP

N.T.S.



BLACK VINYL COATED CHAIN LINK FENCE AND GATE

N.T.S.



CITY OF WILMINGTON CROSSWALK PAVEMENT MARKINGS

N.T.S.

CITY OF WILMINGTON
 NORTH CAROLINA
 CITY OF WILMINGTON ENGINEERING
 P.O. BOX 1810
 WILMINGTON, NC 28402
 (919) 341-7867
 SD 11-11

DATE: FEBRUARY, 2012
 DRAWN BY: BR
 CHECKED BY: BR, P.E.
 SCALE: NOT TO SCALE

CITY OF WILMINGTON CROSSWALK PAVEMENT MARKINGS

N.T.S.