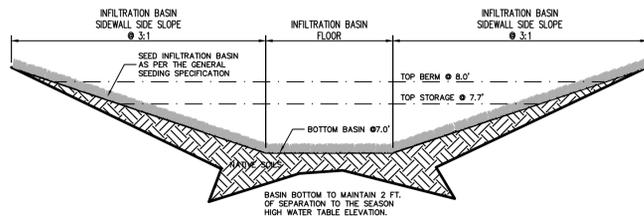
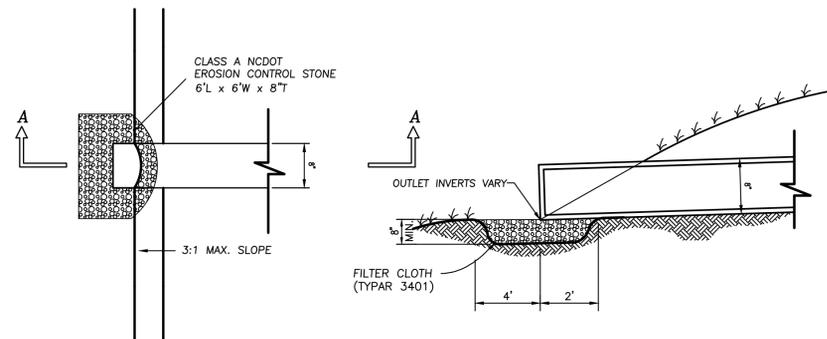


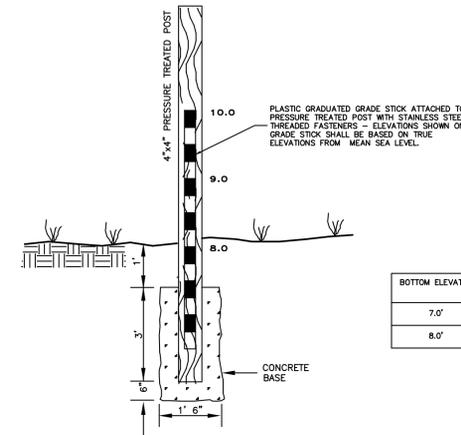
**WESTERN (MAIN HOTEL) PARCEL
INFILTRATION BASIN CROSS SECTION**
N.T.S.



**OCEANFRONT PARCEL
INFILTRATION BASIN CROSS SECTION**
N.T.S.

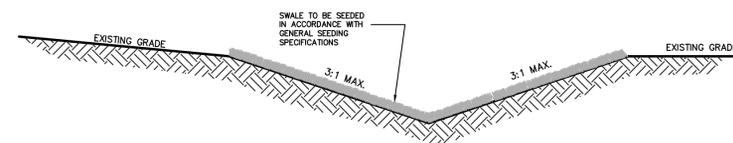


STORM PIPE OUTLET DETAIL
(APPLIES TO ALL PROPOSED STORM PIPE OUTLETS)
N.T.S.

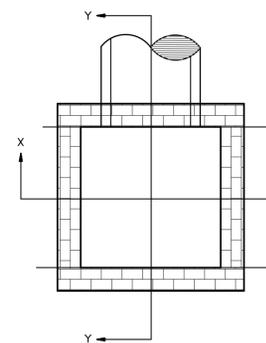


BOTTOM ELEVATION	SEDIMENT SHALL BE REMOVED WHEN THE DEPTH REACHES:
7.0'	7.3'
8.0'	8.3'

DEPTH BENCHMARK
N.T.S.

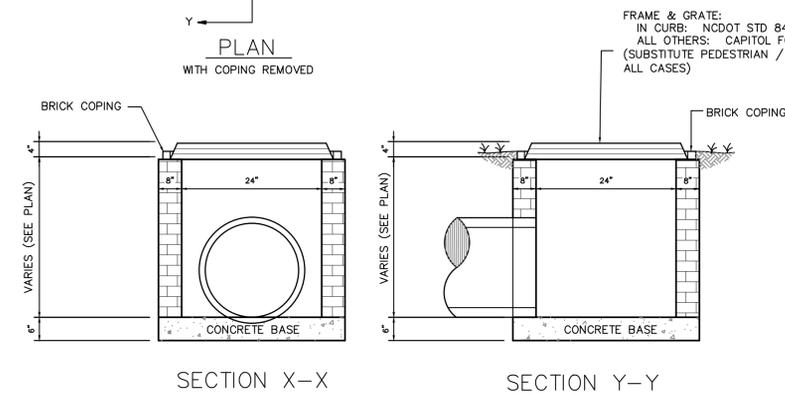


TYPICAL SHALLOW SWALE
N.T.S.



MINIMUM DIMENSIONS AND QUANTITIES FOR BRICK CATCH BASIN DIMENSIONS OF BOX AND PIPE						
PIPE D	SPAN		WIDTH		HEIGHT	
	A	B	C	G	MIN	H1
12"	3'-0"	2'-2"			2'-3"	
15"	3'-0"	2'-2"			2'-6"	
18"	3'-0"	2'-2"			2'-10"	
24"	3'-0"	2'-2"			3'-2"	

HEIGHT OF BOXES VARY SEE DRAWING SHEET C3



STORM INLET DETAIL
HEIGHT OF BOXES VARY SEE SHEET C3
NC DOT 840.15

PERMANENT VEGETATION

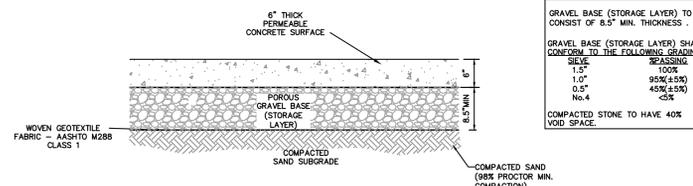
SEEDING DATES: APRIL 1 - SEPT 30	SEED MIXTURE	APPLICATION RATES/ACRE
	BAHIA	50 LBS.
	COMMON BERBERIS (UNWALLED)	50 LBS.
	GERMAN MILLETT	15 LBS.
	FESCUE	20 LBS.
	FERTILIZER	28-13-13 @ 500 LB/ACRE
	MULCH	APPLY 4,000 LB/ACRE STRAW, ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

TEMPORARY VEGETATION

SEEDING DATES: OCT. 1 - MARCH 31	SEED MIXTURE	APPLICATION RATES/ACRE
	RYE GRASS	175 LBS.
	FERTILIZER	10-10-10 @ 1000 LB/ACRE
	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.

GENERAL:
- FERTILIZER RATES SHOWN ARE GENERAL RECOMMENDATIONS; FREQUENCY AND AMOUNT OF FERTILIZATION CAN BEST BE DETERMINED THROUGH SITE SPECIFIC SOIL TESTING.
MAINTENANCE:
- SATISFACTORY STABILIZATION AND EROSION CONTROL, REQUIRES A COMPLETE VEGETATIVE COVER. EVEN SMALL BREACHES IN VEGETATIVE COVER CAN EXPAND RAPIDLY AND, IF LEFT UNATTENDED, CAN ALLOW SOIL LOSS FROM AN ENTIRE SWALE SURFACE. A SINGLE HEAVY RAIN IS OFTEN CAPABLE OF REMOVING VEGETATIVE COVER FROM SPOTS, AND THE BURGER REPAIRS ARE ELABORATE. THE MORE LOCALITY THEY BECOME, PROMPT ACTION WILL HELP PREVENT SOIL LOSS AND REPAIR LOSS DOWN. NEW SEEDINGS SHOULD BE INSPECTED FREQUENTLY AND MAINTENANCE PERFORMED AS NEEDED. IF RILLS AND GULLIES DEVELOP, THEY MUST BE FILLED IN, RE-SEED, AND MULCHED AS SOON AS POSSIBLE. OVERSEEDING MAY BE NEEDED UNTIL NEW PLANTS TAKE HOLD.
MAINTENANCE REQUIREMENTS EXTEND BEYOND THE SEEDING PHASE. (UNTIL FINAL COMPLETION IS AWARDED)
WEAK OR DAMAGED SPOTS MUST BE RELIEVED, FERTILIZED, MULCHED, AND RESEEDED AS PROMPTLY AS POSSIBLE. RESEEDING MAY BE NEEDED TO MAINTAIN PRODUCTIVE STAGES.

SEEDING SPECIFICATIONS

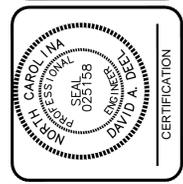


TYPICAL PERMEABLE CONCRETE PAVEMENT INSTALLATION DETAIL
N.T.S.



NOTE:
THE DATA GIVEN ON THESE PLANS IS BELIEVED TO BE ACCURATE, BUT THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LEVELS, LOCATIONS, TYPES, AND DIMENSIONS OF THE EXISTING UTILITIES PRIOR TO CONSTRUCTION. IF A DISCREPANCY IS FOUND, WORK SHALL CEASE AND THE ENGINEER NOTIFIED. WORK MAY CONTINUE UPON ENGINEERS NOTICE TO PROCEED.

NO.	DATE	REVISIONS
1	10/24/16	REVISED PER PB COMMENTS



STORMWATER DETAILS
GRADING & DRAINAGE
FIRST FLIGHT HOTEL, LLC
NORTH CAROLINA
DARE
KILL DEVIL HILLS

COMMISSION NO.	P16004
DESIGNED BY	DAD
DRAWN BY	DAD
CHECKED BY	DAD
ISSUE DATE	8/14/2016
SHEET NO.	