

NOTES:  
 1) USE OF MANUFACTURED SOILS, SANDS, OR FILTER MEDIA IS PROHIBITED FOR UNDERDRAIN BACKFILL.  
 2) IF INDIGENOUS SOIL IS NOT AVAILABLE IMPORTED FILL MAY BE UTILIZED WITH THE FOLLOWING PARAMETERS:  
 - MINIMUM PERCOLATION RATE OF 20 ft/day

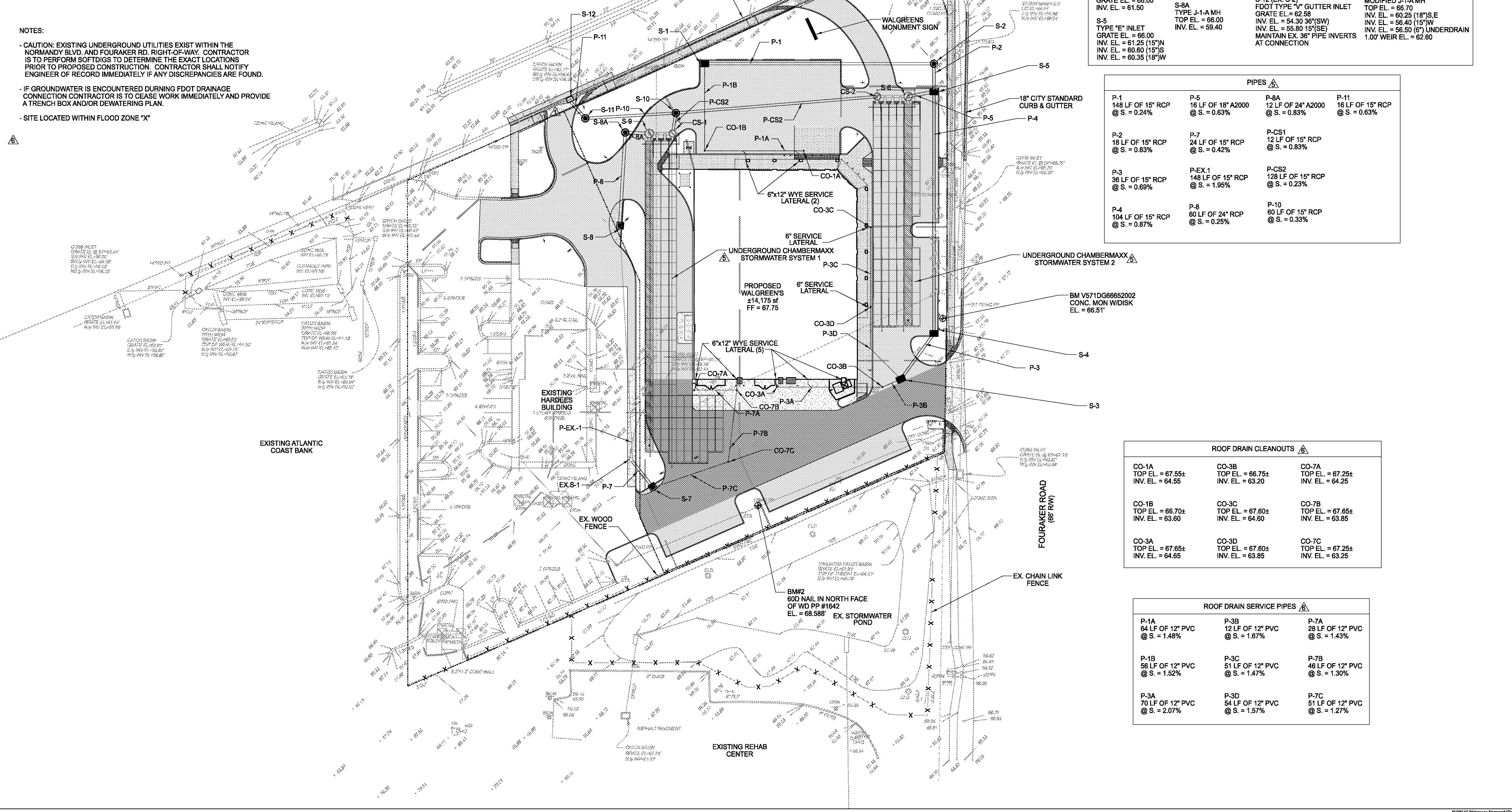
NOTES:  
 - CAUTION: EXISTING UNDERGROUND UTILITIES EXIST WITHIN THE NORMANDY BLVD. AND FOURAKER RD. RIGHT-OF-WAY. CONTRACTOR IS TO PERFORM SOFTSIGS TO DETERMINE THE EXACT LOCATIONS PRIOR TO PROPOSED CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.  
 - IF GROUNDWATER IS ENCOUNTERED DURING FDOT DRAINAGE CONNECTION CONTRACTOR IS TO CEASE WORK IMMEDIATELY AND PROVIDE A TRENCH BOX AND/OR DEWATERING PLAN.  
 - SITE LOCATED WITHIN FLOOD ZONE 'X'

STRUCTURES			
S-1 TYPE "E" INLET GRATE EL. = 65.50 INV. EL. = 61.75 12" INV. EL. = 62.75	S-6 MODIFIED J-1-A MH TOP EL. = 66.30 INV. EL. = 60.25 (18")E,W INV. EL. = 60.25 (24")S	S-9 MODIFIED J-1-A MH TOP EL. = 66.00 INV. EL. = 60.25 (18")E INV. EL. = 60.25 (24")S WEIR EL. = 62.10	EX. S-1 EX. GRATE EL. = 65.75 EX. INV. EL. = 62.73 (E) EX. INV. EL. = 62.44 (N) MAINTAIN EX. (N) INVERT PLUG EX. (E) INVERT CORE NEW (S) INVERT INV. EL. = 62.50 (15")S
S-2 TYPE J-1-A MH TOP EL. = 66.50 INV. EL. = 61.40	S-7 36" CURB INLET GRATE EL. = 66.25 INV. EL. = 62.80 12" INV. EL. = 62.60	S-10 TYPE J-1-A MH TOP EL. = 66.40 INV. EL. = 56.10	CS-1 MODIFIED J-1-A MH TOP EL. = 66.25 INV. EL. = 60.25 (18")S,W INV. EL. = 56.20 (15")N INV. EL. = 56.50 (6") UNDERDRAIN 1.50' WEIR EL. = 62.50
S-3 TYPE "E" INLET GRATE EL. = 66.65 INV. EL. = 61.75 12" INV. EL. = 63.00	S-8 36" CURB INLET GRATE EL. = 64.35 INV. EL. = 59.55 (15", 24")	S-11 TYPE J-1-A MH TOP EL. = 63.50± INV. EL. = 55.90	CS-2 MODIFIED J-1-A MH TOP EL. = 66.70 INV. EL. = 60.25 (18")S, E INV. EL. = 56.40 (15")W INV. EL. = 56.50 (6") UNDERDRAIN 1.00' WEIR EL. = 62.60
S-4 TYPE "E" INLET GRATE EL. = 66.00 INV. EL. = 61.50	S-8A TYPE J-1-A MH TOP EL. = 66.00 INV. EL. = 59.40	S-12 (EX. S-2) FDOT TYPE "V" GUTTER INLET GRATE EL. = 62.58 INV. EL. = 54.30 36"(SW) INV. EL. = 55.80 15"(SE) MAINTAIN EX. 36" PIPE INVERTS AT CONNECTION	
S-5 TYPE "E" INLET GRATE EL. = 66.00 INV. EL. = 61.25 (15")N INV. EL. = 60.80 (15")S INV. EL. = 60.35 (18")W			

PIPES			
P-1 148 LF OF 15" RCP @ S. = 0.24%	P-5 16 LF OF 18" A2000 @ S. = 0.63%	P-8A 12 LF OF 24" A2000 @ S. = 0.83%	P-11 16 LF OF 15" RCP @ S. = 0.63%
P-2 18 LF OF 15" RCP @ S. = 0.83%	P-7 24 LF OF 15" RCP @ S. = 0.42%	P-CS1 12 LF OF 15" RCP @ S. = 0.83%	
P-3 36 LF OF 15" RCP @ S. = 0.69%	P-EX.1 148 LF OF 15" RCP @ S. = 1.95%	P-CS2 128 LF OF 15" RCP @ S. = 0.23%	
P-4 104 LF OF 15" RCP @ S. = 0.87%	P-8 60 LF OF 24" RCP @ S. = 0.25%	P-10 60 LF OF 15" RCP @ S. = 0.33%	

ROOF DRAIN CLEANOUTS		
CO-1A TOP EL. = 67.55± INV. EL. = 64.55	CO-3B TOP EL. = 66.75± INV. EL. = 63.20	CO-7A TOP EL. = 67.25± INV. EL. = 64.25
CO-1B TOP EL. = 66.70± INV. EL. = 63.60	CO-3C TOP EL. = 67.60± INV. EL. = 64.60	CO-7B TOP EL. = 67.65± INV. EL. = 63.85
CO-3A TOP EL. = 67.65± INV. EL. = 64.65	CO-3D TOP EL. = 67.60± INV. EL. = 63.85	CO-7C TOP EL. = 67.25± INV. EL. = 63.25

ROOF DRAIN SERVICE PIPES		
P-1A 64 LF OF 12" PVC @ S. = 1.48%	P-3B 12 LF OF 12" PVC @ S. = 1.87%	P-7A 28 LF OF 12" PVC @ S. = 1.43%
P-1B 56 LF OF 12" PVC @ S. = 1.52%	P-3C 51 LF OF 12" PVC @ S. = 1.47%	P-7B 46 LF OF 12" PVC @ S. = 1.30%
P-3A 70 LF OF 12" PVC @ S. = 2.07%	P-3D 54 LF OF 12" PVC @ S. = 1.57%	P-7C 51 LF OF 12" PVC @ S. = 1.27%



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**DRAINAGE PLAN**

DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE

Per. Walgreens Review	Comments	Per. Walgreens Review	Comments	Per. Walgreens Review	Comments	Per. Walgreens Review	Comments	Per. Walgreens Review	Comments
02/25/2010		01/19/2009		02/28/2009		04/01/2009		03/20/2009	
6		5		4		3		2	

Scale:	1"=30'
Project Manager:	DGT
Designer:	AA
Drawn by:	AA
Certificate of Authorization:	7298
Key Map	

Project No.:	08140.07
Date:	November 2008
Sheet No.:	C2.2

NOT RELEASED FOR CONSTRUCTION

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