

![](_page_0_Picture_2.jpeg)

![](_page_0_Picture_17.jpeg)

![](_page_0_Picture_18.jpeg)

	LIMITS OF CONSTRUCTION
×.XX	PROPOSED FINISH GRADE
+12.50	EXISTING SPOT ELEVATION
24	PROPOSED GRADE CONTOUR
24	EXISTING GRADE CONTOUR
$\sim$	STORMWATER FLOW ARROW
	GRADE BREAK
Ø	PROPOSED MANHOLE (SANITARY OR STORM)
٩٩	PROPOSED DRAINAGE INLETS (TYPE & SIZE
3	NOTED ON PLANS)
	PROPOSED STORM PIPE
—FM—	PROPOSED FORCE MAIN (SIZE AS NOTED)
G	PROPOSED GAS LINE (SIZE AS NOTED)
——ОНU—	PROPOSED OVERHEAD UTILITIES
WM	PROPOSED WATER MAIN (SIZE AS NOTED)
——	PROPOSED REUSE MAIN (SIZE AS NOTED)
ss	PROPOSED SANITARY SEWER
FIRE	PROPOSED FIRE MAIN
S	EXISTING SANITARY MANHOLE
Ð	EXISTING STORM DRAIN MANHOLE
FM	EXISTING FORCE MAIN (SIZE AS NOTED)
G	EXISTING GAS LINE (SIZE AS NOTED)
OHU	EXISTING OVERHEAD UTILITIES
UGU	EXISTING UNDERGROUND UTILITIES
FO	EXISTING FIBER OPTIC CABLE
WM	EXISTING WATER MAIN (SIZE AS NOTED)
RU	EXISTING REUSE MAIN (SIZE AS NOTED)
SS	EXISTING SANITARY SEWER
DS-1	STORM DRAIN STRUCTURE i.e. #1
DP-1	STORM DRAIN PIPE i.e. #1
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
SHGW	(ESTIMATED) SEASONAL HIGH GROUND WATER
BW	BOTTOM OF WALL
TW	TOP OF WALL
тос	TOP OF CURB
EOP	EDGE OF PAVEMENT
EOC	EDGE OF CONCRETE
<u>NOTES</u> : 1. ALL EX ELEVAT TO THE	ISTING UTILITY LOCATIONS AND TIONS SHALL BE FIELD VERIFIED PRIOR E START OF CONSTRUCTION.

IMMEDIATELY UPON IDENTIFICATION OF

CONFLICTS.

DRAINAGE STRUCTURE NOTES:

1. 'C' INLETS PER FDOT STD. PLANS INDEX 425-052 2. 'E' INLETS PER FDOT STD. PLANS INDEX 425-052

3. MITERED END SECTIONS PER FDOT STD. PLANS INDEX 430-021 4. ALL STORM STRUCTURES TO HAVE 1ft. SUMPS.

**GRADING NOTES:** 

1. ABOVE & BELOW GROUND STRUCTURES ARE SHOWN ON THIS SHEET. 2. ALL DISTURBED AREA SHALL BE GRASSED. HYDROSEED @ 4:1 & FLATTER, SOD @ STEEPER THAN 4:1. ALL SOD TO BE STAGGERED & PINNED.

DRAINAGE STRUCTURE TABLE

PIPE INVERTS

STRUCTURE TYPE TOP ELEV

- 3. CONTRACTOR TO FIELD VERIFY ALL UTILITIES ABOVE OR BELOW GROUND AND NOTIFY ALL UTILITY COMPANIES 2 DAYS PRIOR TO CONSTRUCTION.
- 4. ALL DEMOLISHED MATERIALS (i.e. SIGNS, CONCRETE, ASPHALT, ETC.) TO BE REMOVED AND DISPOSED OF IN LEGAL MANNER.

![](_page_1_Figure_10.jpeg)

DS-1	INLET	22.60'	(NE) 17.22' (DP-1)				DRAINAGE PIPE	TABLE			
DS-3	FDOT TYPE 'C' INLET	31.00'	(S) 24.20' (DP-3) (NW) 24.20' (DP-24)		NO.	SIZE	DESCRIPTION	LF	SLOPE	INVERTS	
DS-4	Index No. 232 - Ditch Bottom	30.80'	(N) 24.62' (DP-4)	]	DP-1	18"	ADS HP PIPE	30'	0.56%	= 17.05'	
	FDOT TYPE 'C'			┥┟	DP-3	18"	ADS HP PIPE	30'	0.30%	DS-11 = 24.11'	
DS-5	INLET WITH TYPE J ALTERNATE A	29.00'	(NE) 22.75' (DP-5) (NW) 22.75' (DP-13)		DP-4	18"	ADS HP PIPE	97'	3.26%	DS-35 = 21.46'	
	BOTTOM			$\left\{ \right\}$	DP-5	18"	ADS HP PIPE	163'	6.58%	DS-16 = 12.00'	
DS-6	INLET W/ 2' CONC. APRON	27.95'	(N) 24.62' (DP-6)		DP-6	18"	ADS HP PIPE	30'	4.67%	DS-12 = 26.01' DS-6 = 24.62'	
	FDOT TYPE 'C'	32.00'	(S) 27.49' (DP-9) (E) 26.41' (DP-7)		DP-7	18"	ADS HP PIPE	133'	0.30%	DS-7 = 26.41' DS-12 = 26.01'	
03-7	INLET	32.00	(W) 28.77' (DP-8) (N) 28.08' (DP-14)		DP-8	18"	ADS HP PIPE	48'	0.31%	DS-8 = 28.92' DS-7 = 28.77'	
DS-8	FDOT TYPE 'C' INLET	32.00'	(E) 28.92' (DP-8)		DP-9	18"	ADS HP PIPE	91'	0.31%	DS-9 = 27.77' DS-7 = 27.49'	
DS-9	FDOT TYPE 'C' INLET	31.00'	(W) 27.77' (DP-10) (N) 27.77' (DP-9)	1 [	DP-10	18"	ADS HP PIPE	48'	0.31%	DS-10 = 27.92' DS-9 = 27.77'	
DS-10	FDOT TYPE 'C'	31.00'	(E) 27.92' (DP-10)	1	DP-11	18"	ADS HP PIPE	174'	1.01%	DS-21 = 25.55' DS-15 = 23.79'	8"SS 8"SS
DS-11	FDOT TYPE 'C'	27 95'	(N) 24 11' (DP-3)	1	DP-12	18"	ADS HP PIPE	84'	0.29%	DS-14 = 23.23' DS-15 = 22.99'	
00-11	CONC. APRON	21.35			DP-13	18"	ADS HP PIPE	78'	0.31%	DS-15 = 22.99'	
DS-12	FDOT TYPE 'C' INLET	31.50'	(S) 26.01' (DP-6) (W) 26.01' (DP-7)	↓ ŀ	DP-14	18"	ADS HP PIPE	121'	0.28%	DS-5 = 22.75 DS-18 = 28.42'	
DS-14	18" ADS INLINE DRAIN	30.00'	(S) 23.23' (DP-12) (NW) 23.23' (DP-23)	」 ⊦	DD 15	10"		60'	0.21%	DS-7 = 28.08' DS-19 = 27.92'	
DS-15	18" ADS INLINE	30.00'	(W) 23.79' (DP-11) (SE) 22.99' (DP-13)	]	DP-15	18		68	0.31%	DS-31 = 27.71'	
	Index No. 272 -		(N) 22.99' (DP-12)	┥┝	DP-18	18"	ADS HP PIPE	86'	2.51%	DS-21 = 25.55'	
DS-16	Cross Drain MES with 1:4	13.56'	(SW) 12.00' (DP-5)		DP-19	18"	ADS HP PIPE	55'	0.31%	DS-22 = 25.72 DS-21 = 25.55'	
	Slope - Single Round Conc. Pipe				DP-23	18"	ADS HP PIPE	25'	4.14%	DS-26 = 24.25' DS-14 = 23.23'	10 a
DS-18	18" ADS INLINE	31.50'	(S) 28.42' (DP-14)		DP-24	18"	ADS HP PIPE	65'	0.31%	DS-29 = 24.40' DS-3 = 24.20'	CONNECT TO
DS-19	18" ADS INLINE	31.00'	(E) 27.92' (DP-15)	1	DP-25	18"	ADS HP PIPE	95'	0.31%	DS-27 = 25.17' DS-28 = 24.88'	
			(E) 25.55' (DP-11)	[	DP-26	18"	ADS HP PIPE	159'	0.30%	DS-28 = 24.88' DS-29 = 24.40'	SIDEWALK AT EL = 26.25
DS-21		31.00'	(SW) 25.55' (DP-18) (NE) 25.55' (DP-19)		DP-27	18"	ADS HP PIPE	93'	0.29%	DS-30 = 24.67' DS-29 = 24.40'	RETAINING WALL WITH HANDRAILS
DS-22	18" ADS INLINE DRAIN	30.75'	(SW) 25.72' (DP-19)		DP-29	18"	ADS HP PIPE	62'	4.09%	DS-32 = 20.54'	(SEE STRUCTURAL PLANS)
DS-26	18" ADS INLINE DRAIN	29.66'	(SE) 24.25' (DP-23)	1	DP-30	18"	ADS HP PIPE	87'	3 13%	DS-33 = 18.00' DS-35 = 21.46'	5'x6' CONCRETE 26.75 CONCRETE 26.75
DS-27	18" ADS INLINE	31.25'	(S) 25.17' (DP-25)	1		10		400	0.07%	DS-36 = 18.75' DS-36 = 18.75'	BOTTOM OF STAIRS EL = 26.75
DS-28	18" ADS INLINE	32 90'	(N) 24.88' (DP-25)	1	DP-31	18"	ADS HP PIPE	136'	3.07%	DS-37 = 14.58'	8" ADS 90° BEND EL. = 23.95
20 20	DRAIN	02.00	(E) 24.88' (DP-26) (W) 24.40' (DP-26)	- L	DP-32	18"	ADS HP PIPE	13'	3.62%	= 14.11'	30.95 BW=27.00 BW=27.00
DS-29	18" ADS INLINE DRAIN	31.90'	(SE) 24.40' (DP-24) (N) 24.40' (DP-27)								RETAINING WALL WITH HANDRAILS (SEE STRUCTURAL PLANS)
DS-30	18" ADS INLINE DRAIN	31.00'	(S) 24.67' (DP-27)	]							(2) 8" ADS 45° BENDS
DS-31	18" ADS INLINE DRAIN	31.50'	(W) 27.71' (DP-15) (NE) 27.71' (DP-18)	1							RETAINING WALL WITH HANDRAILS
06.33	FDOT TYPE 'C'	23 63'	(NIM) 20 54' (DP-20)	1							(SEE STRUCTURAL PLANS)
03-32	5 INLET TOP			-							
DS-33	TRENCH	19.23	(SE) 18.00 (DP-29) (S) 22.40'	-							
DS-34	DRAIN 4' DIA STORM		(N) 21.94' (DS-32)	-							
DS-35	MANHOLE	31.77'	(S) 21.46' (DP-4)	-							
DS-36	4' DIA. STORM MANHOLE	27.82'	(SW) 18.75' (DP-30) (E) 18.75' (DP-31)								
DS-37	4' DIA. STORM MANHOLE	22.00'	(W) 14.58' (DP-31) (E) 14.58' (DP-32)								
											HEADER PIPE @ 0.5%
<i>θ</i> 2.		8 - 8			30	RAH 🕞	4 <u>-</u> 2 <u>- %</u> - %			<u> </u>	
		8 - 8		- MR <sup>2L</sup>	30	BW	1 <del>- 2 - 14 2 - 1</del> 4				
			eta <sub>x</sub>	18 MPL	30 ×	BAN	<u> </u>				
			×1855	THE WARD	-30 ×	RAW 854 			-29- -[31.10]		30.86 DS-26 30.73 30.43 30.43 30.43 30.61 30.61
			× 20 <sup>55</sup>	Be Walt	30 ×	800 X			-29- 31.10		30.86 DS-26 30.73 30.43 30.43 30.43 30.45 30.61
28"80			×18 <sup>55</sup>	15 MARIE	-30 × × × × × × ×				29- 31.10	30 29 30 30 30	30.86 DS-26 30.73 30.43 30.43 30.43 30.61 30.61 30.61 30.61 30.61 30.61 30.61 30.61 30.55 30.73 30.95 30.61 30.73 30.95 30.73 30.95
				IS MARK	30 × × 12 4				-29- 31.10 31.18 2	30 29 30 30 30 	30.86 $DS-26$ $30.73$ $30.95$ $30.43$ $30.44$ $30.44$ $30.44$ $30.46$ $30.46$ $30.55$ $30.73$ $30.55$ $30.5$
	RW - 37 31.32	30_	x 19.55	IS WARLS	30 × 12 4 31.12				-29- 31.10 31.18	30 29 30 30 30 30 31.21	30.86 DS-26 30.73 30.43 30.46 30.46 30.46 30.46 30.55 30
		30_	x 19.55	IS WALL	30 × × 12 - - - - - - - - - - - - -				-29- (31.10) -31.18 	30 29 30 30 31.21	30.86 DS-26 30.73
		30-	× <sup>1055</sup>	TE HARL	30 × 31.12 31.00				-29- 31.10 	30 29 30 30 31.21	30.86 DS-26 30.73 0 0 0 0 0 0 0 0 0 0 0 0 0
	RM - 31.32 31.60	30-		IS WATE	30 × 12 				-29- 31.10 31.18	30 29 30 30 31 21	30.86 DS-26 30.73 30.43 30.43 30.45 30.46 30.45 30.46 30.45 30.46 30.45 30.45 30.61 30.61 30.61 30.55 30.73 30.55 30.55 30.73 30.55 30.55 30.61 8" ADS TEE @ EL. = 23.28 *** PROF (SE HP @ 0.50%
	31.60 31.90 31.90	30-		IS WARE	30 × 12 4 31.12 31.00				29- 31.10 31.18 7 X	30 29 30 30 30 30 30 30 30 29 30 30 29 30 30 29 30 29 30 29 30 29 30 29 30 29 30 29 30 29 30 29 30 29 30 29 30 29 30 30 20 30 30 20 30 30 20 30 30 20 30 30 30 30 30 30 30 30 30 30 30 30 30	30.86 30.43 30.43 30.44 30.43 30.44 30.45 30.55 30.73 30.55 30.73 30.55 30.73 30.55 30.55 30.73 30.55 30
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	RM- 31.60 31.90 31.60		x 19.55 30 30 31 31.32 31.32 31.54 DS-22 3	155 WARE	30 × 12 31.12 31.00				-29- 31.10 	30 2 29 30 - 30 - 30 - 31.21 BASK (SEE LA 31.45	30.86 DS-26 30.73 30.43 30.43 30.43 30.43 30.43 30.55 30.61 30.61 30.61 30.61 30.55 50.61 50.47 10 LF OF 8" ADS HP @ 0.50% 51.25 31.05 31.05 31.05 31.05 51.25 31.05 51.25 31.05 51.25 31.05 51.25 5
	RW 31.60 31.60 31.84		x <sup>10,55</sup> 30 30 31 31.32 31.54 DS-22 31.00	15 WALL	30 × 12 31.12 31.00 31.00				-29- 31.10 	30 29 30 30 31.21 31.21 BASK (SEE LA 31.45	30.86 DS-26 30.73 30.95 30.43 30.43 30.43 30.43 30.43 30.43 30.43 30.55 30.73 30.55 30.73 30.55 30.73 30.55 30.55 30.73 30.55 30.73 30.55 4 4 4 4 4 4 4 4 4 4 4 4 4
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	RW 31.60 31.90 31.84		x <sup>30,55</sup> 30 31 31,38 31,32 31,32 31,32 31,32 31,32 31,00 31,00 31,00						-29- 31.10 	30 29 30 30 31.21 31.21 BASK (SEE LA 31.45	00.86     00.73     00.95       00.40     00.43     00.61       00.40     00.55     00.73       00.40     00.55     00.73       00.40     00.55     00.73       00.40     00.55     00.73       00.40     00.55     00.73       00.40     00.55     00.73       00.40     00.55     00.73       00.40     00.55     00.65       00.55     00.65     00.65       00.60     00.55     00.65       00.73     00.65     00.65       00.73     00.65     00.65       00.65     00.65     00.65       00.80     00.65     00.85       10 LF OF 8" ADS     00.86     00.95       HP @ 0.50%     00.86     00.95       HP @ 0.50%     00.86     00.95       00.82     00.86     00.95       00.82     00.86     00.95       00.82     00.86     00.95       00.82     00.85     00.85       00.82     00.85     00.85       00.85     00.85     00.85       00.85     00.85     00.85       00.85     00.85     00.85       00.85     00.85     00.85
	31.60 31.90 31.84		x <sup>1055</sup> 30 30 31 3138 3132 31.32 31.54 DS-22 31.00 31.00						-29- 31.10 	30 29 30 30 31.21 31.21 BASK (SEE LA 31.45	30.86 DS-26 30.73 30.45 30.45 30.45 30.45 30.45 30.55 30.73 30.55 30.73 30.55 400 30.45 30.55 400 30.45 30.55 400 30.45 30.55 400 30.55 400 400 400 400 400 400 400 4
	31.60 31.60 31.84 E C-11 0+00		x <sup>1855</sup> 30 30 31 31 31 31 32 31.54 DS-22 31.00 31.00							30 29 30 30 31.21 31.21 BASK (SEE LA 31.45	30.86       30.81         9       30.43         30.43       30.43         30.43       30.43         30.43       30.43         30.43       30.51         9       30.43         10       30.43         10.40       30.51         10       30.43         10.40       30.51         10       10.41         10       10.41         10       10.41         10       10.41         10       10.41         10       10.41         10       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41         10.41       10.41     <
	31.60 31.84		x <sup>1855</sup> 30 30 31 31 31 31 31 31 31 31 31 31 31 31 31	10.75						30 29 30 29 30	30.86       30.73       50.95         9       30.43       30.43         30.43       30.55       30.73         30.43       30.55       30.73         30.43       30.55       30.73         30.43       30.55       30.73         30.43       30.55       30.73         30.44       30.55       30.73         9       9       9         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10         10       10       10
	31.60 31.60 31.84		x 18 <sup>55</sup>						-29- 31.10 31.18 9 X	30 29 30 29 30	30.85 DS-26 20.73 30.61 30.65 30.85 30
	31.60 31.60 31.84 31.84 C-11 0+00 0 31.00 31.00		x <sup>1855</sup> 30 30 31 31 31 31 31 31 31 31 31 31						-29- 31.10 31.18 9 X	30 29 30 30 31.21 31.21 BASK (SEE LA 31.45	30.86 DS-26 00.73 00.65 00
	Image: state of the state o	30 30 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 3200 4 30 4 3	x <sup>1055</sup>	155 WALL			A A A A A A A A A A A A A A A A A A A		29- 31.10 31.18 7	30 2 29 30 31.21 31.21 BASK (SEE LA 31.45 31.69 31.69	30.86       30.73       30.95         90.90       30.43       30.61         90.90       30.95       30.51         90.90       30.95       30.51         90.90       30.95       30.55         90.90       30.95       30.55         90.90       30.95       30.55         90.90       30.95       30.55         90.90       30.95       30.55         90.90       30.95       30.95         90.90       30.95       62.1F OF 8" ADS HP         HP @ 0.50%       90.82       90.95         BTBALL COURT       30.87       90.82         90.82       90.82       90.95         91.95       90.82       90.95         91.95       90.82       90.95         91.95       90.82       90.95         91.95       90.82       90.95         91.95       90.82       90.95         91.95       90.82       90.95         91.95       90.85       90.95         91.95       90.85       90.95         91.95       90.85       90.95         91.95       90.85       90.95         91.95       9
	RW 31.60 31.60 31.60 31.84 E C-11 0+00 DS 31.00 DS 31.00 DS 31.00		$x^{3}$				31.12 LOVE		29 31.10 31.18 7 1.99 1.99	30 2 30 2 30 2 30 - 30 - 31.21 - 31.45 - - - - - - - - - - - - -	30.86         DS-26       30.73         30.43       30.61         30.43       30.61         30.43       30.61         30.40       30.50         9       30.43         30.40       30.50         9       30.51         9       30.61         9       30.61         9       30.61         9       30.61         9       30.61         9       30.61         9       30.61         9       30.61         90.651       90.73         90.651       90.73         90.651       90.651         90.651       90.650         10 LF OF 8' ADS       90.650         HP @ 0.50%       62 LF OF 8' ADS HP         HADER PIPE @ 9.16%       90.651         90.63       90.651         90.64       90.65         90.65       90.65         90.65       90.65         90.65       90.65         90.65       90.65         90.65       90.65         90.65       90.65         90.65       90.65         90.65
	RW 31.60 31.90 31.60 31.90 31.60 31.84 C-11 0+00 0 0 0 0 0 0 0 0 0 0 0 0	S-21	$x^{3}$				31 31.12 31.12 <b>LOVE</b> 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		29- 31.10 - 31.18 	30 29 30 29 30 30 31.21 31.21 BASK (SEE LA 31.45 31.45	0.86     0.73     0.95       9     0.46     0.73       30.46     0.73       30.46     0.73       30.46     0.73       30.47     0.73       30.68     0.73       30.70     0.73       30.71     0.73       30.72     0.73       30.73     0.73       30.74     0.73       30.75     0.73       10.17 OF 8' ADS       HP @ 0.50%       8' ADS HP HEADER PIPE       9       11.61       11.62       11.63       11.64       11.65       11.64       11.65
	Image: State of the state o		$x^{35}$ $x^{35}$ $30^{31}$ 31.38 31.32 31.32 31.32 31.32 31.32 31.32 31.32 31.00 31.00 32.00 32.00				31 31.12 31.		29- 31.10 31.18 7 1+00 1.79 1.99 4	30 29 30 29 30 30 31.21 31.21 BASK (SEE LA 31.45 31.69 32.00	0.45 0.45
	Image: State of the state o	32 × 3193 32 × 3193 5 × 92% (33)	x <sup>3055</sup> 30 30 31 31 31 31 31 31 31 31 31 31				31 31.12 31.12 31.12 31.12 31.12 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		29- 31.10 31.18 7 1+00 1.79 1.99 4	30 29 30 30 31.21 31.21 31.45 SEE LA (SEE LA 31.45 31.69 32.00	30.85 9 10.20
	RW     31.32       31.60     31.60       31.90     31.60       31.84     31.84       E     1       0     0       31.84     31.84	S-21	x <sup>1055</sup> 30 30 31 31 31 31 31 31 31 31 31 31		30 30 12 4 31.12 31.00 32.11 32.11 32.11 4 32.11 4 32.11 4 32.11 4 31.87 32.11 4 32.11 4 31.12		31 31.12 31.12 31.12 31.12 31.12 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		29- 31.10 31.18 7 1+00 1.79 1.99 4 4 32.0	30 29 30 29 30 31.21 31.21 BASK (SEE LA 31.45 31.69 31.69 32.00 (31.63 32.00 (31.63)	30.86 DS-26 30.73 30.43 30.43 30.43 DD 20.55 30.65 30.77 30.55 30.77 30.55 30.77 30.55 40 40 40 40 40 40 40 40 40 40
	Image: Second state     Image: Second state       Imag	S-21	x <sup>1055</sup> 30 30 30 31 31 31 31 31 31 31 31 31 31	31.60	30 30 30 31.12 31.12 31.00 31.00 32.11 32.22 31.87 32.11 32.22 31.87 32.11 32.22 31.87 32.11 32.22 31.87 32.22 31.87 32.22 31.87 32.22 31.87 32.22 32.22 33.22 34.2		31 31.12 31.			30 29 30 30 31.21 31.21 31.21 31.45 SEE LA (SEE LA 31.45 31.69 31.69 31.63	BUBB BUT BUT BUT BUT BUT BUT BUT
	RW 31.60 31.60 31.60 31.60 31.84 C-11 0+00 0 31.84 C-11 0+00 0 31.84 C-11 0+00 0 0 0 0 0 0 0 0 0 0 0 0	5-21 5 x 30 x 31 x 31	x <sup>1055</sup> 30 30 31 31.38 31.32 31.32 31.54 DS-22 31.00 31.00 31.00 32.00 30.00 32.00 30		30 30 30 31 31.12 31.12 31.12 31.00 31.87 32.11 32.11 32.22 4 31.87 32.22 4 31.87 32.22 4 31.87 32.22 4 31.87 32.22 4 31.87 32.22 4 31.87 32.22 4 31.12		31.12 LOVE 31.12 LOVE 4 4 4 4 4 4 4 4 4 4 4 4 4			30 2 30 2 30 2 30 2 30 - 30 - 30 - 29 - 30 - 30 - 29 - 30 - 30 - 29 - 30 - 31.21 - 31.45 - 31.69 - 31.69 - 32.00 - 32.00 - 32.00 - 30 - 30	00.88         00.81         00.85           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.70         00.80           00.80         00.80         00.80           10.10 LP OF 8' ADS HP @ 0.50M         00.80         00.80           00.80         00.80         00.80         00.80           00.80         00.80         00.80         00.80           10.10 LP OF 8' ADS HP @ 0.50M         00.80         00.80         00.80           00.80         00.80         00.80         00.80         00.80           00.80         00.80         00.80         00.80         00.80           00.80         00.80         00.80         00.80         00.80           00.80         00.80         00.80         00.80         00.80           00.80         00.80         00.80         00.80         00.80           00.8
	RW 31.60 31.60 31.60 31.60 31.84 C-11 0+00 0 31.84 C-11 0+00 0 31.84 C-11 0+00 0 0 0 0 0 0 0 0 0 0 0 0	5-21 5 32 32 32 32 32 32 32 32 32 32	x <sup>1055</sup> 30 30 31 31.38 31.32 31.32 31.32 31.00 31.00 32.00 30				31 31.12 31.12 <b>LOVE</b> 4 4 4 4 4 4 4 4 4 4 4 4 4		29- 31.10 31.18 7- 1.99 1.99 4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4-	30 2 30 2 30 2 30 2 30 - 30 - 30 - 2 30 - 30 - 2 30 - 30 - 2 30 - 30	30.88       30.81         D5.26       30.23         30.88       30.61         40.0       30.23
	RW 31.60 31.00	S-21	$x^{3}$		30 12 31.12 31.00 31.12 31.12 31.00 31.12 31.00 31.12 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.12 31.00 31.00 31.12 31.00 31.00 31.12 31.00 3		HOPE 31 31.12 LOVE 4 4 4 4 4 4 4 4 4 4 4 4 4		29- 31.10 31.18 	30 29 30 29 30 31.21 31.21 BASK (SEE LA 31.45 31.69 31.69 32.00 33.01 32.00 33.01 32.00 33.01 32.00 33.01 33.01 32.00 33.01 33.01 33.01 32.00 33.01 33.01 33.01 33.01 33.01 33.01 31.21 31.21 31.21 31.21 31.21 31.21 31.45 31.45 31.01 32.00 33.01 35.01 35.01 35.01 35.01 35.01 35.	30.80       30.20         0.5.25       30.20         0.000       30.00         0.000       30.00         0.000       30.00         0.000       30.00         0.000       40.00         0
	E 31.60 31.00	S-21	x <sup>3055</sup> 30 30 31.38 31.38 31.32 31.32 31.32 31.00 32.00 32.00 32.00 32.00 32.00 32.00 32.00 32.00				A A A A A A A A A A A A A A A A A A A			30 29 30 30 29 30 30 31.21 31.21 31.21 31.45 SEE LA 31.45 31.69 31.69 31.69 32.00 33.0 33.0 32.00 33.0 33.0 32.00 33.0 33.	B'ADS HP HEADER PIPE B'ADS HP
	Image: State of the state o	S-21	x <sup>1055</sup> 30 30 31 31 31 31 31 31 31 31 31 31		30 30 31 31 31 31 31 31 31 31 31 31		A A A A A A A A A A A A A A A A A A A		1+00 1.99 31.10 1.99 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	30 29 30 30 29 30 30 31.21 31.21 31.21 31.45 31.69 31.69 31.69 32.00 33.0 33.0 33.0 33.0 33.0 33.0 33.	308       05-26       30.73       00.61         00.505       00.61       00.61       00.61       00.61         00.605       00.61       00.61       00.61       00.61       00.61         00.61       00.61       00.61       00.61       00.61       00.61       00.61         00.61       00.61       00.61       00.61       00.61       00.61       00.61       00.61         00.61
	Image: Second state     Image: Second state       Imag	S-21	x <sup>1055</sup> 30 30 31 31 31 31 31 31 31 31 31 31		30 30 12 4 31.12 31.00 31.00 4 31.12 31.00 4 31.22 4 31.22 4 31.22 4 31.22 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5		A A A A A A A A A A A A A A A A A A A			30 29 30 29 30 31.21 31.21 BASK (SEE LA 31.45 31.69 31.69 31.69 31.63 32.00 33.01 31.63 32.00 33.01 33.01 33.01 33.01 33.01 33.01 33.01 33.01 31.21 31.63 32.00 33.01 35.01 35.01 35.01 35.01 35.01 35.	30.80       30.30         0.5.20       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       30.30         0.60       40.40
	Image: Second state     Image: Second state       Imag		x <sup>1055</sup> 30 30 31.38 31.32 31.32 31.54 DS-22 31.00 32.00 33.00 30.00		30 30 30 31.12 31.12 31.12 31.12 31.12 31.00 4 31.12 4 31.12 31.00 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 31.12 4 4 4 4 4 4 4 4 4 4 4 4 4		HOPE 31.12 31.12 LOVE 4 4 4 4 4 4 4 4 4 4 4 4 4			30 29 30 29 30 31.21 31.21 BASK (SEE LA 31.45 31.69 31.69 31.69 32.00 31.63 32.00 33.0 30.0	DS-26 DS

![](_page_1_Picture_12.jpeg)

![](_page_1_Picture_13.jpeg)

![](_page_1_Picture_14.jpeg)

INC

SHEET NUMBER

C-9 PROJECT NUMBER

13066

GRADING AND DRAINAGE PLAN

MARTIN LUTHER KING JR., RECREATION CENTER 701 14TH COURT EAST

PANAMA CITY, FL 32401

![](_page_2_Figure_0.jpeg)

	DRAINAGE	STRUCTURE	TABLE
NO.	STRUCTURE TYPE	TOP ELEV	PIPE INVERTS
DS-1	FDOT TYPE 'E' INLET	22.60'	(NE) 17.22' (DP-1)
DS-3	FDOT TYPE 'C' INLET	31.00'	(S) 24.20' (DP-3) (NW) 24.20' (DP-24)
DS-4	Index No. 232 - Ditch Bottom Inlet - Type E	30.80'	(N) 24.62' (DP-4)
DS-5	FDOT TYPE 'C' INLET WITH TYPE J ALTERNATE A BOTTOM	29.00'	(NE) 22.75' (DP-5) (NW) 22.75' (DP-13)
DS-6	FDOT TYPE 'C' INLET W/ 2' CONC. APRON	27.95'	(N) 24.62' (DP-6)
DS-7	FDOT TYPE 'C' INLET	32.00'	(S) 27.49' (DP-9) (E) 26.41' (DP-7) (W) 28.77' (DP-8) (N) 28.08' (DP-14)
DS-8	FDOT TYPE 'C' INLET	32.00'	(E) 28.92' (DP-8)
DS-9	FDOT TYPE 'C' INLET	31.00'	(W) 27.77' (DP-10) (N) 27.77' (DP-9)
DS-10	FDOT TYPE 'C' INLET	31.00'	(E) 27.92' (DP-10)
DS-11	FDOT TYPE 'C' INLET W/ 2' CONC. APRON	27.95'	(N) 24.11' (DP-3)
DS-12	FDOT TYPE 'C' INLET	31.50'	(S) 26.01' (DP-6) (W) 26.01' (DP-7)
DS-14	18" ADS INLINE DRAIN	30.00'	(S) 23.23' (DP-12) (NW) 23.23' (DP-23)
DS-15	18" ADS INLINE DRAIN	30.00'	(W) 23.79' (DP-11) (SE) 22.99' (DP-13) (N) 22.99' (DP-12)
DS-16	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	13.56'	(SW) 12.00' (DP-5)
DS-18	18" ADS INLINE DRAIN	31.50'	(S) 28.42' (DP-14)
DS-19	18" ADS INLINE DRAIN	31.00'	(E) 27.92' (DP-15)
DS-21	18" ADS INLINE DRAIN	31.00'	(E) 25.55' (DP-11) (SW) 25.55' (DP-18) (NE) 25.55' (DP-19)
DS-22	18" ADS INLINE DRAIN	30.75'	(SW) 25.72' (DP-19)
DS-26	18" ADS INLINE DRAIN	29.66'	(SE) 24.25' (DP-23)
DS-27	18" ADS INLINE DRAIN	31.25'	(S) 25.17' (DP-25)
DS-28	18" ADS INLINE DRAIN	32.90'	(N) 24.88' (DP-25) (E) 24.88' (DP-26)
DS-29	18" ADS INLINE DRAIN	31.90'	(W) 24.40' (DP-26) (SE) 24.40' (DP-24) (N) 24.40' (DP-27)
DS-30	18" ADS INLINE DRAIN	31.00'	(S) 24.67' (DP-27)
DS-31	18" ADS INLINE DRAIN	31.50'	(W) 27.71' (DP-15) (NE) 27.71' (DP-18)
DS-32	FDOT TYPE 'C' INLET W/ TYPE 5 INLET TOP	24.66'	(NW) 20.54' (DP-29)
DS-33	PIPE END	19.23'	(SE) 18.00' (DP-29)
DS-34	TRENCH DRAIN	0.00'	
DS-35	4' DIA. STORM MANHOLE	31.77'	(NE) 21.46' (DP-30) (S) 21.46' (DP-4)
DS-36	4' DIA. STORM MANHOLE	27.82'	(SW) 18.75' (DP-30) (E) 18.75' (DP-31)
DS-37	4' DIA. STORM MANHOLE	22.00'	(W) 14.58' (DP-31) (E) 14.58' (DP-32)

DRAINAGE PIPE TABLE								
NO.	SIZE	DESCRIPTION	LF	SLOPE	INVERTS			
DP-1	18"	ADS HP PIPE	30'	0.56%	DS-1 = 17.22' = 17.05'			
DP-3	18"	ADS HP PIPE	30'	0.30%	DS-3 = 24.20' DS-11 = 24.11			
DP-4	18"	ADS HP PIPE	97'	3.26%	DS-4 = 24.62' DS-35 = 21.46			
DP-5	18"	ADS HP PIPE	163'	6.58%	DS-5 = 22.75' DS-16 = 12.00			
DP-6	18"	ADS HP PIPE	30'	4.67%	DS-12 = 26.0 <sup>4</sup> DS-6 = 24.62 <sup>4</sup>			
DP-7	18"	ADS HP PIPE	133'	0.30%	DS-7 = 26.41' DS-12 = 26.01			
DP-8	18"	ADS HP PIPE	48'	0.31%	DS-8 = 28.92' DS-7 = 28.77'			
DP-9	18"	ADS HP PIPE	91'	0.31%	DS-9 = 27.77' DS-7 = 27.49'			
DP-10	18"	ADS HP PIPE	48'	0.31%	DS-10 = 27.92 DS-9 = 27.77			
DP-11	18"	ADS HP PIPE	174'	1.01%	DS-21 = 25.55 DS-15 = 23.75			
DP-12	18"	ADS HP PIPE	84'	0.29%	DS-14 = 23.23 DS-15 = 22.99			
DP-13	18"	ADS HP PIPE	78'	0.31%	DS-15 = 22.99 DS-5 = 22.75			
DP-14	18"	ADS HP PIPE	121'	0.28%	DS-18 = 28.42 DS-7 = 28.08			
DP-15	18"	ADS HP PIPE	68'	0.31%	DS-19 = 27.92 DS-31 = 27.72			
DP-18	18"	ADS HP PIPE	86'	2.51%	DS-31 = 27.7 DS-21 = 25.5			
DP-19	18"	ADS HP PIPE	55'	0.31%	DS-22 = 25.72 DS-21 = 25.55			
DP-23	18"	ADS HP PIPE	25'	4.14%	DS-26 = 24.25 DS-14 = 23.25			
DP-24	18"	ADS HP PIPE	65'	0.31%	DS-29 = 24.40 DS-3 = 24.20			
DP-25	18"	ADS HP PIPE	95'	0.31%	DS-27 = 25.17 DS-28 = 24.88			
DP-26	18"	ADS HP PIPE	159'	0.30%	DS-28 = 24.88 DS-29 = 24.40			
DP-27	18"	ADS HP PIPE	93'	0.29%	DS-30 = 24.6 DS-29 = 24.40			
DP-29	18"	ADS HP PIPE	62'	4.09%	DS-32 = 20.54 DS-33 = 18.00			
DP-30	18"	ADS HP PIPE	87'	3.13%	DS-35 = 21.46 DS-36 = 18.75			
DP-31	18"	ADS HP PIPE	136'	3.07%	DS-36 = 18.75 DS-37 = 14.58			
DP-32	18"	ADS HP PIPE	13'	3.62%	DS-37 = 14.58 = 14.11'			

![](_page_2_Picture_5.jpeg)

40'

![](_page_2_Picture_6.jpeg)

TOC TOP OF CURB EOP EDGE OF PAVEMENT

EOC EDGE OF CONCRETE

## DRAINAGE STRUCTURE NOTES:

1. 'C' INLETS PER FDOT STD. PLANS INDEX 425-052 2. 'E' INLETS PER FDOT STD. PLANS INDEX 425-052

3. MITERED END SECTIONS PER FDOT STD. PLANS INDEX 430-021 4. ALL STORM STRUCTURES TO HAVE 1ft. SUMPS.

## GRADING NOTES:

- 1. ABOVE & BELOW GROUND STRUCTURES ARE SHOWN ON THIS SHEET. 2. ALL DISTURBED AREA SHALL BE GRASSED. HYDROSEED @ 4:1 & FLATTER, SOD @ STEEPER THAN
- 4:1. ALL SOD TO BE STAGGERED & PINNED.
- 3. CONTRACTOR TO FIELD VERIFY ALL UTILITIES ABOVE OR BELOW GROUND AND NOTIFY ALL UTILITY COMPANIES 2 DAYS PRIOR TO CONSTRUCTION.
- 4. ALL DEMOLISHED MATERIALS (i.e. SIGNS, CONCRETE, ASPHALT, ETC.) TO BE REMOVED AND DISPOSED OF IN LEGAL MANNER.
- 5. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY UPON IDENTIFICATION OF CONFLICTS.

![](_page_2_Picture_16.jpeg)

SCALE: AS NOTED							
DESIGNED BY: CBF							
DRAWN BY: JAH	FNGINFFRING						
REVIEWED BY: CBF							
ISSUE DATE: JUNE 2023	ENVIRONMENTAL ENGINEERS  CIVIL ENGINEERS 600 Ohio Avenue Lynn Haven. F						
FILE NAME: 13066E2.dwg	(850)763-5200 www.panhandleen						
GRADING AND DRAINAGE PLAN							
MARTIN LUTHER KIN	IG JR., RECREATION CENTER						
701 14T	H COURT EAST						
PANAM	1A CITY, FL 32401						

![](_page_2_Picture_18.jpeg)

CMP CORRUGATED METAL PIPE RCP REINFORCED CONCRETE PIPE SHGW (ESTIMATED) SEASONAL HIGH GROUND WATER

NOTES: 1. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED PRIOR TO THE START OF CONSTRUCTION. 2. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY UPON IDENTIFICATION OF CONFLICTS.

![](_page_2_Picture_22.jpeg)

![](_page_3_Figure_0.jpeg)

![](_page_4_Figure_0.jpeg)

MODIFIED TYPE "RA" CURB NOT TO SCALE

![](_page_4_Figure_3.jpeg)

![](_page_4_Picture_14.jpeg)

![](_page_5_Figure_0.jpeg)

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TECHNICAL INFORMATION SHOWN HEREIN	REVISED B	Y NMH	PROJECT	NO./NAM	E		·y=	Place	www.nyloplast-u	is.com
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ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS							0114	- 30 IN DRAIN DAGIN G	FECIFICATIONS	
IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST	DWG SIZE	A	SCALE	1:1	SHEET	1 OF 1	DWG NO.	7001-110-011	REV	J

![](_page_5_Figure_3.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Figure_1.jpeg)

![](_page_6_Figure_3.jpeg)

FOR A UNIT PRICE SPECIFIED IN THE CONTRACTOR'S BID FORM.

TIMES. PERMANENT REPLACEMENT TO BE MADE AS SOON AS POSSIBLE.

PANAMA CITY, FLORIDA

STANDARD DETAILS

REMOVAL AND REPLACE PAVEMENT

ASPHALT PATCH

![](_page_6_Figure_4.jpeg)

FIGURE :

![](_page_6_Figure_5.jpeg)

![](_page_6_Figure_6.jpeg)

![](_page_6_Picture_7.jpeg)

![](_page_6_Picture_8.jpeg)

![](_page_6_Picture_9.jpeg)

![](_page_6_Picture_10.jpeg)

C-14

![](_page_6_Picture_11.jpeg)

WATER MAIN INSTALLATION GENERAL REQUIREMENTS: 1. ALL WATER MAINS SHALL BE INSTALLED ACCORDING TO ENGINEERING PLANS AND SPECIFICATIONS 2. ALL VALVES AND MATERIALS SHALL COMPLY WITH AWWA (AMERICAN WATER WORKS ASSOCIATION) STANDARDS, LATEST EDITION. 3" AND LARGER SHALL BE AWWA C900 DR18, PRESSURE CLASS 235 C906 DIRS DR9 (200 PSI) OR DIPS DR11 (160 PSI). 5. ALL WATER SERVICE SIZES 2" AND LESS SHALL BE PE FLEXIBLE TUBING PE4710 SDR 9 CTS. TRANSITION. 8. ALL POTABLE WATER MAIN SHALL BE COLOR BLUE. ALL RECLAIMED WATER MAINS SHALL BE COLOR PURPLE. 9. ALL MAIN LINE VALVES 4" AND LARGER SHALL BE EPOXY COATED RESILIENT SEATED GATE VALVES. OF 5.0' BELOW THE BOTTOM. HOURS. CONTRACTOR SHALL NOTIFY CITY'S ENGINEER WITHIN 48 HOURS OF PRESSURE TESTING. NO EXCEPTIONS. PIPE VOLUME SHALL BE FLUSHED. USED. ALL VALVE BOX RISERS SHALL BE DUCTILE IRON AND NOT PVC. 14. ALL PIPE AND BACKFILL SHALL BE INSTALLED IN DRY CONDITIONS. WELL POINTING OR CLASS I PIPE EMBEDMENT MATERIAL (#67 CRUSHED OR GRATED LIMEROCK OR APPROVED EQUAL) MAY BE REQUIRED AT THE DIRECTION OF THE ENGINEER. 15. WHERE THERE IS LESS THAN 12" CLEARANCE BETWEEN PVC/DI PIPE AND OTHER PIPE OR SPECIFIED AREAS, THE PIPE SHALL BE CONCRETE ENCASED WITH 6" THICKNESS AROUND THE PIPE AND 6" CLEARANCE EACH WAY IN THE AXIAL DIRECTION. 16. THE CONTRACTOR SHALL USE RESTRAINED JOINT PIPE FOR ALL BENDS, TEES, VALVES, AND TRANSITION FITTINGS. 18. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, SLEEVES AND TRANSITION ADAPTERS AS NECESSARY TO COMPLETE THIS PROJECT. 19. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY WATER SERVICE. UNDERGROUND UTILITIES DEPARTMENT. CONTACT PHONE NUMBER IS (850-872-3165). PANAMA CITY, FLORIDA STANDARD DETAILS

![](_page_7_Figure_1.jpeg)

![](_page_7_Figure_2.jpeg)

- PROFESSIONAL ANNUALLY. THE REPORT SHALL BE DELIVERED TO THE CITY. \* 7. REDUCER AS REQUIRED IF METER SIZE DIFFERS FROM PIPE SIZE.
- 8. DUCTILE IRON PIPE SHALL BE PRESSURE CLASS 350. 9. ABOVE GROUND PIPE SHALL BE INSULATED PER THE SPECIFICATIONS

FIRE LINE METER & BACKFLOW WITH BYPASS

N.T.S.

SECTION

REQUIREMENTS

IRE HYDRAN I ASSEM N.T.S. PANAMA CITY, FLORIDA STANDARD DETAILS FIRE HYDRANT ASSEMBLY	DATE : MARCH 2023 SCALE : NTS		CITA	2" CONNECTION ASSEMBLY	DATE : NC SCALE : NT
IRE HYDRAN I ASSEM N.T.S. PANAMA CITY, FLORIDA	DATE : MARCH 2023				DATE: NO
		OF PANA 40			
AS REQUIRED (1) 4-1/2" PUMPER NOZZLE FACING STREET FACING STREET FACING STREET (1) 4-1/2" PUMPER NOZZLE FACING STREET FACING STREET (1) 4-1/2" PUMPER NOZZLE FACING STREET FACING STREET (1) 4-1/2" PUMPER NOZZLE FACING STREET (1) 4-1/2" PUMPER NOZZLE (1) 4-1/2" (1) 4-1/2" PUMPER NOZZLE FACING STREET (1) 4-1/2" PUMPER NOZZLE (1) 4-1/2" (1) 4-1/2" (1) 4-1/2" PUMPER NOZZLE FACING STREET (1) 4-1/2" (1) 4-1/2"	36"X36" SQUARE x 6" THICK VALVE COLLAR 3000 PSI WITH FIBERMESH		2	TAPPED PLUG THREADED NIPPLE COUPLING 2" SDR9 HDPE TUBING THREADED TO COMPRESSION COUP 2" AVK GATE VALVE WITH VALVE BOX AND COLLAR CONNECTION ASSEMBI N.T.S.	ER LINE
PANAMA CITY, FLORIDA STANDARD DETAILS WATER MAIN AND NON-WATER MAIN SEPARATION REQUIREMENTS	DATE : NOVEMBER 2022 SCALE : NTS FIGURE : PW-2B			PANAMA CITY, FLORIDA STANDARD DETAILS WATER MAIN SEPARATION REQUIREMENTS EXCEPTIONS	DATE : NO SCALE : NT FIGURE : F
I-WATER MAIN SEPARATION RE INSTALLED, CLEANED, DISINFECTED AND HAVE A SATISFACTO 'UCABLE AWWA STANDARDS, CHAPTER 62–555, F.A.C. AND THE PHRASE 'WATER MAINS' SHALL MEAN MAINS, INCLUDIN EATED, OR FINISHED DRINKING WATER; FIRE HYDRANT LEAK SOR GREATER. WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DE AMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED MATER REGULATED UNDER PART III OF CHAPTER 62–610, F WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DE STEWATER FORCE MAIN, OR PIPELINE CONVEYING NON-REG WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAV E OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF STEWATER FORCE MAIN, OR PIPELINE CONVEYING NON-REG WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAV E OUTSIDE OF THE WATER MAIN IS AT LEAST SIX (6) INCH- HES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOW INE. WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRES FULINE CONVEYING RECLAIMED WATER SHALL BE LAID SO T R BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVE ON IN NOTES 4 AND 5 ABOVE, ONE FULL LENGTH OF WATE HE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FR LL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE A STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES IN GRAVITY OR PRESSURE-TYPE SANITARY SEWERS, WASI SHALL BE LOCATED SO THAT THE HYDRANTS ARE AT LEAST I'R FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATE I'Y EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWERS I'N ENGRAVITY OR PRESSURE-TYPE SANITARY SEWERS I'N SEEING LAID LESS THAN THE REQUIRED MINIMUM HOR R'Y EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE S I'N IS BEING LAID LESS THAN THE REQUIRED MINIMUM HOR R'Y EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE S I'N IS BEING LAID LESS THAN THE REQUIRED MINIMUM HOR R'Y EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE S I'N IS BEING LAID LESS THAN THE REQUIRED MINIMUM HOR R'Y EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE S I'N IS BEING LAID LESS THAN THE REQUIRED MINIMUM HOR R'Y EXISTING OR PROPOSED WACUUM-TYPE SANITARY SEWEL I'Y EXISTING OR PROPOSED WACUUM-TYPE SANITARY SEWEL I'Y EXISTING OR PROPOSED WATER MAINS AND GR	EQUIREMENTS - NOTES ORY BACTERIOLOGICAL SURVEY PERFORMED OWNER WATER AND SEWER STANDARDS. IG TREATMENT PLANT PROCESS PIPING, DS; AND SERVICE LINES THAT HAVE AN DISTANCE OF AT LEAST THREE (3) FEET O STORM SEWER, STORMWATER FORCE MAIN, FA.C. DISTANCE OF AT LEAST SIX (6) FEET, AND CALLED RECLAIMED WATER. DISTANCE OF AT LEAST SIX (6) FEET, AND CALLED RECLAIMED WATER. DISTANCE OF AT LEAST SIX (6) FEET, AND CALLED RECLAIMED WATER. DISTANCE OF AT LEAST SIX (6) FEET, AND CALLED RECLAIMED WATER. DISTANCE OF AT LEAST SIX (6) FEET, AND CALLED RECLAIMED WATER. DISTANCE OF AT LEAST SIX (6) FEET, AND AND PREFERABLE TWELVE (12) INCHES, EVER, IT IS PREFERABLE TO LAY THE SSURE-TYPE SANITARY SEWER, WASTEWATER THE OUTSIDE OF THE WATER MAIN IS A CR, IT IS PREFERABLE TO LAY THE WATER R MAIN PIPE SHALL BE CENTERED ABOVE ROM THE OTHER PIPELINE. ALTERNATIVELY, AT LEAST THREE (3) FEET FROM ALL JOINTS S CONVEYING RECLAIMED WATER, AND AT TEWATER FORCE MAINS, OR PIPELINE IT THREE (3) FEET FROM ANY EXISTING OR R; AT LEAST THREE (3) FEET, AND SANITARY SEWER OR WASTEWATER FORCE IZONTAL DISTANCE FROM ANOTHER PIPELINE WATER MAIN ARE BEING LOCATED LESS OR SHALL CONSULT THE DESIGN ENGINEER THE FOLLOW SPECIAL CASE DRIZONTAL REQUIREMENTS IN NOTES 3 AND PE SANITARY SEWERS MAY BE REDUCED TO VES ABOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES ADOVE THE TOP OF THE SEWER TYPE SANITARY SEWERS MAY BE REDUCED TO VES	(A) RE WH AN RE 1. U WC F.A PIF 2. U EIT 3. U FO (B) TH UN LAI OT 0 T HA 0.2 FO 2. U HA 0.2 FO CC	WHERE A QUIRED M IERE AN I D JOINTS QUIRED M JSE OF PI DRKS ASS C., FOR PELINE; JSE OF W UR INCHE UR INCHE JSE OF PI VING AN I 5-INCH-TI UR INCHE JSE OF P VING AN I 5-INCH-TI UR INCHE MODE AN I 5-INCH-TI UR INCHE	62-555.314 (5) AN UNDERGROUND WATER MAIN IS BEING LAID L MINIMUM HORIZONTAL DISTANCE FROM ANOTHE UNDERGROUND WATER MAIN IS CROSSING ANO S IN THE WATER MAIN ARE BEING LOCATED LESS MINIMUM DISTANCE FROM JOINTS IN THE OTHER RESSURE-RATED PIPE CONFORMING TO THE AM SOCIATION STANDARDS INCORPORATED INTO RI THE OTHER PIPELINE IF IT IS A GRAVITY - OR VAR WELDED, FUSED, OR OTHERWISE RESTRAINED AD WATER MAIN OR THE OTHER PIPELINE; OR WATER MAIN OR THE OTHER PIPELINE; OR AN UNDERGROUND WATER MAIN IS BEING LAID L THORIZONTALLY FROM ANOTHER PIPELINE AND UND WATER MAIN IS CROSSING ANOTHER PIPEL THA THE REQUIRED MINIMUM VERTICAL DISTANCE INFORMATINE REQUIRED MINIMUM VERTICAL DISTANCE INFORMATINE RENDER HAVING HIGH IMPACT STREND INFORMATINE RENDER HAVING HIGH IMPACT STREND INFORMATINE RON PIPE) OR CONCRETE ENCASE STHICK FOR THE WATER MAIN; AND INFORMATINE RENDER HAVING HIGH IMPACT STREND INFORMATINE RENDER HAVING HIGH IMPACT STREND INFORMATINE RON PIPE) OR CONCRETE ENCASE STHICK FOR THE WATER MAIN; AND INFORMATINE RON PIPE) OR CONCRETE ENCASE STHICK FOR THE WATER MAIN; AND INFORMATINE RON PIPE) OR CONCRETE ENCASE STHICK FOR THE OTHER PIPELINE IF IT IS NEW MASTEWATER OR RECLAIMED WATER. A.C. 62-555.314 EXCEPTION	ESS THAN THE R PIPELINE AND THER PIPELINE THAN THE PIPELINE. ERIAN WATER JLE 62-555.330, CUUM - TYPE DINTS FOR EMENT AT LEAS OTHER PIPELIN ESS THAN WHERE AN INE AND IS BEIN CE FROM THE ENGTH (I.E., EMENT AT LEAS AND IS DNS

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![](_page_9_Figure_0.jpeg)

- FROM ENTERING EXISTING DRAINAGE SYSTEMS OR FROM LEAVING THE CONSTRUCTION SITE. ANY ACCUMULATED SEDIMENTS ARE TO BE REMOVED FROM THE EROSION CONTROLS AND DISPOSED TO PROPERLY. ADDITIONALLY, ALL EROSION CONTROLS ARE TO BE INSPECTED AFTER A STORM EVENT AND THE CONTROLS REPLACED OR ARMORED AS NECESSARY AND ACCUMULATED SEDIMENTS REMOVED.
  39. TEMPORARY STOCKPILING OF MATERIALS RELATED TO THE CONSTRUCTION ACTIVITIES ARE TO BE PROPERLY STABILIZED, PROTECTED AND DEMARCATED TO LIMIT MATERIAL MOVEMENT AND EROSION FROM DEPOSITING INTO ADJACENT PROPERTIES, WETLAND OR STORM DRAINAGE SYSTEMS.
  40. THE INSTALLATION OF ALL CONCRETE STRUCTURES. GRAVITY SEWER, FORCE MAINS, WATER MAINS, ETC, SHALL BE INSTALLED IN DRY CONDITIONS. DEWATERING
- 40. THE INSTALLATION OF ALL CONTRACTOR OF ALL CONTRACTOR OF ALL OF A CONTRACTOR TO ENGINEER PRIOR TO INSTALLATION.
  41. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DEWATERING SYSTEMS AND TECHNIQUES TO MAINTAIN THE EXCAVATED AREA SUFFICIENTLY DRY FROM GROUNDWATER AND/OR SURFACE RUNOFF SO AS NOT TO ADVERSELY AFFECT CONSTRUCTION PROCEDURES OR CAUSE EXCESSIVE DISTURBANCE OF UNDERLYING NATURAL GROUND.
- 42. WATER FROM TRENCHES AND EXCAVATIONS SHALL NOT BE DISCHARGED INTO ANY SANITARY SEWER SYSTEM.
  43. WATER FROM TRENCHES AND EXCAVATIONS SHALL NOT BE DISCHARGED DIRECTLY TO STORM DRAIN SYSTEMS. PROPER TREATMENT TO A SEDIMENTATION AREA IS TO TAKE PLACE PRIOR TO DISCHARGE TO ANY DRAINAGE SYSTEMS.
- IS TO TAKE PLACE PRIOR TO DISCHARGE TO ANY DRAINAGE SYSTEMS. 44. WATER FROM THE TRENCHES AND EXCAVATIONS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO AVOID PUBLIC NUISANCE, INJURY TO PUBLIC HEALTH OR THE ENVIRONMENT, DAMAGE OR PUBLIC OR PRIVATE PROPERTY, OR DAMAGE TO PUBLIC OR PRIVATE PROPERTY, OR DAMAGE TO THE WORK COMPLETED OR IN PROGRESS. SILTATION BARRIERS SHALL BE UTILIZED AS NECESSARY. 45. THE CONTRACTOR SHALL REPAIR ANY DAMAGE RESULTING FROM THE FAILURE OF THE DEWATERING OPERATIONS OR FROM FAILURE TO MAINTAIN ALL THE AREAS
- 43. THE CONTRACTOR STALE REFAILS AND DAMAGE RESOLTING FROM THE FAILORE OF THE DEWATENING OF ERATIONS OR FROM TAILORE TO MAINTAIN ALL THE AREAS OF WORK IN SUITABLE DRY CONDITION.
   46. PRECAUTIONS SHALL BE TAKEN TO PROTECT NEW WORK FROM FLOODING DURING STORMS OR FROM OTHER CAUSES. GRADING IN THE AREAS SURROUNDING ALL EXCAVATIONS SHALL BE PROPERLY SLOPED TO PREVENT WATER FROM RUNNING INTO THE EXCAVATED AREA OR TO ADJACENT PROPERTIES. WHERE REQUIRED, TEMPORARY DITCHES SHALL BE PROVIDED FOR DRAINAGE. UPON COMPLETION OF THE WORK AND WHEN DIRECTED, ALL AREAS SHALL BE RESTORED IN A SATISFACTORY MANNER AND AS DIRECTED.
   47. SEE SHEET C-18 FOR ALL DEWATERING MAINTENANCE AND INSPECTION PROCEDURES.

![](_page_9_Figure_6.jpeg)

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### SPECIAL NOTES

- 1. CONTRACTOR SHALL CUT AND REMOVE ASPHALT ROADWAYS AS NECESSARY TO INSTALL NEW SEWER MAINS, SEWER LATERALS, WATER MAINS, WATER SERVICE
- LINES AND OTHER REQUIRED UTILITY IMPROVEMENTS. 2. ALL ROADWAYS AND DRIVEWAYS SHALL BE COMPACTED AND MAINTAINED DURING CONSTRUCTION SO RESIDENTS AND BUSINESSES CAN HAVE ACCESS AT ALL
- TIMES. ALL TEMPORARY STABILIZATION SHALL BE SMOOTH AND LEVEL. 3. PIPE TESTING SHALL BE PERFORMED WITHIN ONE WEEK OF COMPLETING UTILITY IMPROVEMENTS IN ANY SECTION. SEE TEST SCHEDULE FOR MORE
- REQUIREMENTS. 4. ALL ROADWAY, DRIVEWAY AND SIDEWALK RESTORATION SHALL BE COMPLETED WITHIN ONE WEEK OF SUCCESSFUL PIPE TESTING IN ANY SECTION.
- 5. ALL DISTURBED YARD AND GRASSED AREAS SHALL BE SODDED WITH CENTIPEDE.
- 6. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING DAMAGED SECTIONS OF CONCRETE CURB.
- 7. COST FOR ALL NECESSARY REMOVAL AND REPLACEMENT OF DRIVEWAYS, SIDEWALKS, AND CURBS SPECIFIED ON CONSTRUCTION DRAWINGS SHALL BE INCLUDED IN LUMP SUM BID PRICE FOR EACH SECTION.
- 8. CONTRACTOR SHALL REMOVE AND REPLACE ALL TREES, SHRUBS AND IRRIGATION DAMAGED DURING CONSTRUCTION. CONTRACTOR SHALL SUBMIT A WORK CHANGE DIRECTIVE PRIOR TO CONSTRUCTION FOR ANY ADDITIONAL COST FOR WORK REQUIRED IN LANDSCAPED AREAS.
- CONTRACTOR SHALL EXCAVATE AND VERIFY THE EXISTING WATER MAIN, FORCE MAIN, AND GRAVITY SEWER LOCATIONS AND SIZE PRIOR TO SCHEDULING WATER OUTAGE FOR CONNECTION.
   CONTRACTOR SHALL PROVIDE FITTINGS AS NECESSARY TO MAINTAIN WATER MAIN SEPARATION REQUIREMENTS. CONTRACTOR SHALL RESTRAIN ALL WATER MAINS JOINTS WHERE 6' HORIZONTAL SEPARATIONS CANNOT BE MAINTAINED BETWEEN EXITING SEWER AND STORMWATER UTILITIES.
- 11. CONTRACTOR SHALL COMPLETE WATER SERVICE CONNECTIONS TO EXISTING METERS AFTER NEW WATER MAINS HAVE BEEN CERTIFIED AND PLACED INTO SERVICE.
- CONTRACTOR SHALL PRESSURE TEST ALL NEW GRAVITY SEWER AND SEWER LATERALS UP TO THE CLEANOUT.
   CONTRACTOR SHALL BE RESPONSIBLE FOR BYPASS PUMPING FOR ALL GRAVITY SEWER AND MANHOLE INSTALLATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH UTILITY OWNER TO STABILIZE POWER POLES AS THEY ARE ENCOUNTERED THROUGHOUT THE ENTIRE PROJECT.
   REMOVAL AND REPLACEMENT OF EXISTING DRIVEWAYS AND DRIVEWAY CULVERTS SHALL BE INCLUDED IN THE BID PRICE. NEW DRIVEWAYS SHALL MATCH
- EXISTING MATERIALS. 16. REMOVAL AND REPLACEMENT OF EXISTING SIGNS, MAILBOXES, SODDING, IRRIGATION, LANDSCAPING, STRUCTURES, ETC. SHALL BE INCLUDED IN THE BID PRICE.
- 17. COMPACTION TESTING SHALL BE PERFORMED AT EACH ROADWAY CUT FOR SERVICE LATERALS AND PER FDOT SPECIFICATIONS FOR ROAD RECONSTRUCTION AND SHALL BE INCLUDED IN THE BID PRICE.
   18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING UTILITIES INCLUDING RECONNECTING ALL WATER AND SEWER SERVICES DAMAGED/BROKEN DURING
- THE INSTALLATION ON ALL PROPOSED UTILITIES AND OTHER IMPROVEMENTS, WITH NO ADDITIONAL COST TO THE OWNER.
  19. THE CONTRACTOR SHALL AVOID OR MINIMIZE THE DISTURBANCE OF EXISTING TREES DURING THE INSTALLATION OF ALL GRAVITY SEWER, WATER MAINS AND OTHER PROPOSED IMPROVEMENTS WITHIN THE RIGHT OF WAYS AND EASEMENTS. IF TREES ARE DAMAGED OR REQUIRED TO BE MOVED, THEY SHALL BE REPLACED WITH TREES OF SIMILAR SIZE AND PROFESSION OF ALL CONTRACTOR MAY USE THE DIRECTIONAL COST TO THE OWNER. IF APPLICABLE, THE CONTRACTOR MAY USE THE DIRECTIONAL COST TO THE OWNER. IF APPLICABLE, THE CONTRACTOR MAY USE THE DIRECTIONAL COST TO THE OWNER. IF APPLICABLE, THE CONTRACTOR OF DIRECTIONAL COST TO THE OWNER. IF APPLICABLE, THE CONTRACTOR OF DIRECTIONAL COST TO THE OWNER.
- BORE (FOR PRESSURE PIPE) OR JACK AND BORE (FOR GRAVITY PIPE) METHODS IN LIEU OF OPEN CUTTING TO AVOID IMPACTS AT CONTRACTORS EXPENSE.
  20. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING SEWER MAINS AND LATERALS EXCAVATED DURING THE INSTALLATION OF THE PROPOSED GRAVITY SEWER IMPROVEMENTS. ALL ABANDONED SECTIONS OF NON-EXCAVATED EXISTING GRAVITY SEWER SHALL BE FLOWABLE FILLED. ALL DEMOLITION AND FLOWABLE FILL WORK SHALL BE INCLUDED IN THE BID PRICE.
  21. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A MAINTENANCE OF TRAFFIC PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION. SIGNAGE SHALL BE
- 21. CONTRACTOR SHALL PROVIDE THE ENGINEER WITTA MAINTENANCE OF TRAFTIC PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION. SIGNAGE SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE INCLUDED IN THE BID PRICE.
  22. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BY-PASS PUMPING AND SHALL BE INCLUDED IN THE BID PRICE.
- 23. CONTRACTOR SHALL PROVIDE DE-WATERING AS NECESSARY FOR THE INSTALLATION OF ALL PROPOSED IMPROVEMENTS. ALL DE-WATERING SHALL BE INCLUDED IN THE BID PRICE.
- 24. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NPDES PERMIT AND MAINTAINING THE SILT FENCE, INLET PROTECTION, AND ANY OTHER EROSION CONTROL NECESSARY IN THE NPDES PERMIT GUIDELINES.
- 25. THE GRAVITY SEWER LINES SHALL BE VIDEO TAPED UPON COMPLETION OF THE INSTALLATION AND PROVIDED TO THE CITY ENGINEER IN DVD FORMAT FOR REVIEW.

TESTING NOTES AND SCHEDULE

- 1. COPIES OF TEST REPORTS FOR ASPHALT, SUBGRADE, FILL, AND BACKFILL UNDER ROADWAYS AND STRUCTURES, AND UTILITY TRENCHES SHALL BE PROVIDED DIRECTLY TO THE ENGINEER FOR APPROVAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE TESTING AND INSURE THAT ALL APPLICABLE TESTS HAVE BEEN PERFORMED. FAILURE TO OBTAIN TEST RESULTS AT ANY POINT OF CONSTRUCTION WILL REQUIRE THE REMOVAL OF THE IMPROVEMENT AND REPLACEMENT BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. IT SHOULD BE NOTED THAT THE ENGINEER WILL REQUIRE COMPACTION TESTING IN ACCORDANCE WITH THE TESTING SCHEDULE FOR UTILITY TRENCH FILL AND BACKFILL.
- 2. TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE TESTING SCHEDULE CONTAINED WITHIN THESE PLANS. SELECTION AND CONTRACTING WITH THE TESTING FIRMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE
- ALL TESTS.
   CONTRACTOR SHALL COORDINATE WITH THE ENGINEER 15 CALENDAR DAYS PRIOR TO PRESSURE TESTING AND BACTERIOLOGICAL TESTING SO A TESTING PLAN
- CAN BE ESTABLISHED.
- 4. ALL SITE TESTING SHALL BE IN ACCORDANCE WITH FDOT ROAD AND BRIDGES MANUAL LATEST EDITION.

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## PANAMA CITY UTILITY CONSTRUCTION NOTES

- FORCE MAIN INSTALLATION RELATED ITEMS:1.PVC PIPE LESS THAN 4" DIAMETER SHALL BE ASTM DD2241, SDR-21.2.PVC PIPE 4"-6" SHALL BE AWWA C900 (DR25).
- PVC PIPE 8"-12" SHALL BE AWWA C900 (DR25).
   PVC PIPE GREATER THAN 12" SHALL BE AWWA C905 (DR18).
- FITTINGS AND VALVES 4" AND GREATER SHALL BE MECHANICAL JOINT DUCTILE IRON (250 PSI MIN.).
   MECHANICAL JOINT RESTRAINTS SHALL BE UTILIZED. (EBBA OR APPROVED EQUAL).
- ALL FORCE MAINS SHALL BE COLOR GREEN OR BROWN.
   ALL SANITARY FORCE MAINS SHALL BE HYDROSTATICALLY TESTED PER AWWA STANDARD C600 (LATEST EDITION) AT 100 PSIG (MINIMUM) FOR TWO HOURS.
   ALL FLUSHING REQUIREMENTS PER AWWA STANDARDS (3 FPS MINIMUM, 6 X PIPE VOLUME MINIMUM.)

## GRAVITY SEWER INSTALLATION RELATED ITEMS

- 10. ALL GRAVITY SEWER PIPE, MANHOLES, SERVICE LATERALS AND PIPE BEDDING SHALL BE INSTALLED ACCORDING TO ENGINEERING DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING SEWER MAINS AND SEWER LATERALS TO BE CONNECTED TO PRIOR TO CONSTRUCTION.
   ALL GRAVITY SEWER PIPE SIZES 4" TO 15" AND DEPTHS UP TO 15 FEET SHALL BE PVC AND IN ACCORDANCE WITH ASTM D-3034-SDR26, UNLESS SPECIFIED TO 15"
- AND DEPTHS UP TO 15 FEET SHALL BE PVC AND IN ACCORDANCE WITH ASTM D-3034-SDR26, UNLESS SPECIFIED AND DEPTHS UP TO 15 FEET SHALL BE PVC AND IN ACCORDANCE WITH ASTM D-3034-SDR26, UNLESS SPECIFIED OTHERWISE. 13. ALL SEWER SERVICE LATERAL CONNECTIONS SHALL BE INSTALLED A MINIMUM OF 5 FEET FROM THE NEAREST MANHOLE AND HAVE A 2 FEET MINIMUM
- SEPARATION BETWEEN MANHOLE. ALL SEWER SERVICE LATERALS CONNECTIONS TO NEW PVC SEWER PIPE SHALL BE MADE WITH GASKETED PVC TEE OR WYE FITTINGS. SADDLE CONNECTIONS SHALL NOT BE ALLOWED. 14. ALL SEWER SERVICE LATERALS SHALL BE 4 INCHES UNLESS NOTED OTHER WISE. THE MINIMUM SEWER SERVICE LATERAL PIPE SLOPE SHALL BE; 4 INCHES=2%; 6
- INCHES= 1%; 8 INCHES=0.5%.
  15. LOCATOR TAPE SHALL BE INSTALLED 12" TO 18" ABOVE ALL GRAVITY SEWER MAINS AND SERVICE LATERALS. LOCATER TAPE SHALL BE MARKED "SANITARY SEWER BELOW".
- ALL CONNECTIONS TO EXISTING SEWER MAINS AND LATERALS OF DISSIMILAR MATERIALS SHALL BE MADE WITH STRONG BACK FLEXIBLE REPAIR COUPLINGS.
   MANHOLES SHALL BE A MINIMUM FOUR (4) FOOT DIAMETER AND CONSTRUCTED PER THE STANDARDS AND SPECIFICATIONS.
- ALL MANHOLE BENCHES SHALL BE REPAIRED OR REPLACED AS NECESSARY TO HAVE SMOOTH TRANSITIONS THROUGH MANHOLE.
   ALL GRAVITY SEWER PIPE (MAINS AND LATERALS) SHALL HAVE AIR TEST AND COLOR CCTV INSPECTION COMPLETED AND APPROVED BY THE ENGINEER PRIOR TO
- ROADWAY RESURFACING. 20. CCTV INSPECTIONS SHALL BE COMPLETED IMMEDIATELY AFTER FLUSHING WITH CLEAN WATER. ANY DEBRIS ENCOUNTERED WILL RESULT IN A FAILED INSPECTION AND PRESSURE TEST.
- 21. GRAVITY SEWER PIPE SAGS SHALL NOT EXCEED MORE THAN 10% OF THE PIPE DIAMETER.
- POTABLE AND REUSE WATER MAINS POTABLE AND REUSE WATER MAINS 22. PVC PIPE LESS THAN 4" DIAMETER SHALL BE ASTM DD2241, SDR-21.
- 23. PVC PIPE 4"-6" SHALL BE AWWA C900 DR18 (PC 235). 24. PVC PIPE 8"-12" SHALL BE AWWA C900 DR25 (PC 165).
- PVC PIPE GREATER THAN 12" SHALL BE AWWA C905 DR25 (PC 160).
   FITTINGS AND VALVES 4" AND GREATER SHALL BE MECHANICAL JOINT DUCTILE IRON (250 PSI MIN.).
- 27. MECHANICAL JOINT RESTRAINTS SHALL BE UTILIZED. 28. ALL POTABLE WATER MAINS SHALL BE PVC COLOR BLUE. ALL RECLAIMED WATER MAINS SHALL BE PVC COLOR PURPLE.
- ALL FLUSHING REQUIREMENTS PER AWWA STANDARDS (3.0 fps MINIMUM., 6 X PIPE VOLUME MINIMUM.)
   ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED PER AWWA STANDARD C600 (LATEST EDITION) AT 150 PSIG (MINIMUM) FOR TWO HOURS.
- 31. ALL WATER MAINS REQUIRE DISINFECTION PER AWWA STANDARD C651. WATER AND REUSE VALVES WATER AND REUSE VALVES

# 32. 12" AND LESS SHALL BE EPOXY COATED RESILIENT SEAT GATE VALVES. 33. 16" AND ABOVE SHALL BE EPOXY COATED RESILIENT BUTTERFLY VALVES.

- FORCE MAIN 34. PVC PIPE LESS THAN 4" DIAMETER SHALL BE ASTM DD2241, SDR-21.
- 35. PVC PIPE 4"-6" SHALL BE AWWA C900 DR18 (PC 235).
   36. PVC PIPE 8"-12" SHALL BE AWWA C900 DR25 (PC 165).
   37. PVC PIPE GREATER THAN 12" SHALL BE AWWA C905 DR25(PC 160).
- FITTINGS AND VALVES 4" AND GREATER SHALL BE MECHANICAL JOINT DUCTILE IRON (250 PSI MIN.).
   MECHANICAL JOINT RESTRAINTS SHALL BE UTILIZED (GBBA MEGALUG OR MECHANICAL JOINT RESTRAINTS SHALL BE UTILIZED (GBBA MEGALUG OR APPROVED
- ALL FORCE MAINS SHALL BE COLOR GREEN OR BROWN.
   ALL SANITARY FORCE MAINS SHALL BE HYDROSTATICALLY TESTED PER AWWA STANDARD C600 (LATEST EDITION) AT 100 PSIG (MINIMUM) FOR TWO HOURS.
   ALL FLUSHING REQUIREMENTS PER AWWA STANDARDS (3.0 fps MINIMUM., 6 X PIPE VOLUME MINIMUM.)
- AVITY SEWER 43. PVC PIPE 4"-15" DIAMETER SHALL BE ASTM D3034, (SDR-35.)
- 44. PVC PIPE 18"-27" DIAMETER SHALL BE F679 (SDR-35.) 45. PVC PIPE DEEPER THAN 14 FEET SHALL BE SDR 26.
- 46. ALL SEWER LINES SHALL BE COLOR GREEN OR BROWN.
- ALL GRAVITY SEWER PIPING SHALL BE TESTED IN ACCORDANCE WITH UNI-B-6-98, UNIBELL PVC PIPE CORPORATION. CONSTANT PRESSURE OF 4.0 PSIG (GREATER THAN THE AVERAGE GROUNDWATER BACK PRESSURE).
   FIBERGLASS OR STAINLESS MANHOLE COVER INSERTS ARE REQUIRED AT ALL MANHOLES WITH RIM ELEVATIONS BELOW 7 FEET NGVD.
- 49. MANHOLE RINGS AND COVER SHOULD BE 3 INCHES ABOVE GRADE IN UNPAVED AREAS TO PREVENT STORMWATER INFLOW.

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SITE DESCRIPTION	CONTROLS
PROJECT NAME AND LOCATION: MLK RECREATION CENTER 705 14TH CT E PANAMA CITY, FLORIDA LAT N30°10'28" ~ LON W85°38'56" SECTION TOWNSHIP RANGE ~ 4-4S-14W	IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. BY AND TORSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND
DEVELOPER NAME AND ADDRESS: CCR ARCHITECTS & INTERIORS 2920 FIRST AVENUE S. BIRMINGHAM, AL. 39233 DESCRIPTION:	TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.
SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING, EARTHWORK, PAVEMENT AND GRADING, STORM WATER AND UTILITIES.	EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES
RUNOFF     CURVE     NUMBERS:       1.     PRE-CONSTRUCTION     CN=       2.     DUBING     CONSTRUCTION     CN=	1. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS
SOILS: SEE SOIL BORING REPORT FOR SOILS DATA	NO GREATER THAN 2 ACRES. C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE LISE OF STRAW BALE BARRIERS CONSTRUCTED
<ul> <li>SITE MAPS:</li> <li>* SEE ATTACHED GRADING FOR PRE &amp; POST DEVELOPMENT GRADES, AREAS OF SOILS DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORMWATER DISCHARGE POINTS.</li> </ul>	IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO ENSURE AGAINST WASHOUT.
* SEE ATTACHED EROSION AND TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES AND TURBIDITY BARRIERS.	REFER TO EROSION CONTROL DETAILS FOR CONSTRUCTING THE HAY BALE BARRIER. ALSO REFER TO THE EROSION CONTROL PLAN FOR PROPER LOCATION.
* SEE GRADING NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.	2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
SITE AREA:         1.) TOTAL AREA OF SITE = 4.832± ACRES	B. IN MINOR SWALES OF DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
2.) TOTAL AREA TO BE DISTURBED = APPROX. 4.832± ACRES NAME OF RECEIVING WATERS: WATSON BAYOU	REFER TO THE EROSION CONTROL DETAILS FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.
	3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY	4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS.
STORM WATER RUN-OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THAT PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "RONTRACTORS DESCRIPTION OF THE ANY PERMIT	THIS PRACTICE APPLIES ONLY IN THOSE STUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.
IMPLEMENTED.	AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY: ONSITE COLLECTION & ATTENUATION	6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL BE MINIMIZED.
ONSITE IMPROVEMENTS	7. INLET PROTECTION: INLETS AND CATCH-BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FORM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION
SEE SITE, GRADING & DRAINAGE AND UTILITY PLANS.	OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. 8. DUST CONTROL: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED
TIMING OF CONTROLS/MEASURES	TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL TREATMENT WITHIN 30 DAYS SHALL BE STABILIZED.
REFER TO "CONTRACTORS RESPONSIBILITY" FOR THE TIMING OF CONTROL/MEASURES.	9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH. 10. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM
CONTROL/MEASURES. IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS.	GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX AND AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.
THE FOLLOWING PERMITS HAVE BEEN OBTAINED. FLORIDA ENVIRONMENTAL RESOURCE PERMIT	11. TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
POLLUTION PREVENTION PLAN CERTIFICATION	12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED	13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED.
SIGNED:	STRUCTURAL PRACTICES 1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF
NAME (OPERATOR AND/OR RESPONSIBLE AUTHORITY)	THROUGH A SEDIMENT-TRAPPING FACILITY. 2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGEWAY AT A
DATED:	THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION
	WITH A TEMPORARY DIVERSION DIKE: A. BLOCK AND GRAVEL SEDIMENT FILTER – THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND (OR WILFER AN OVERFLOW, CARACITY IS NECESSARY TO DREVENT EXCESSIVE PONDING
BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS, DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD	AROUND THE STRUCTURE. B. GRAVEL SEDIMENT TRAP – THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE
FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.	EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS. C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS
THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:	A RELATIVELY FLAT AREA (S<0.50%) AND WHERE SHEET OR OVERLAND FLOWS (Q<0.50CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS.
<ol> <li>INSTALL STABILIZED CONSTRUCTION ENTRANCE.</li> <li>INSTALL UTILITIES, STORM SEWER, CURBS AND GUTTER.</li> <li>INSTALL SILT FENCES AND HAY BALES, AS</li> </ol>	3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION AND SEDIMENT PROBLEMS TO THE RECEIVING WATER BODY. SILT FENCES AND HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL
REQUIRED.10. APPLY BASE TO PROJECT.3. CONSTRUCT SEDIMENTATION BASIN.11. COMPLETE GRADING AND INSTALL	4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS, THE PROPOSED
4. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN AT PERMANENT POND LOCATION. PERMANENT SEEDING/SOD AND PLANTING. 12. COMPLETE FINAL PAVING.	THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 67 CUBIC YARDS OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE. THE VOLUME OF THE BASIN AT CLEAN OUT SHALL BE 22 CUBIC YARDS PER ACRE.
13. REMOVE ACCUMULATED SEDIMENT FROM         5. CONTINUE CLEARING AND GRUBBING.             13. REMOVE ACCUMULATED SEDIMENT FROM	THE 67 CUBIC YARDS OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE
6. STOCKPILE TOP SOIL IF REQUIRED. 7. PERFORM PRELIMINARY GRADING ONSITE, AS 14. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION	UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL
REQUIRED. SWALES/DIKES AND RESEED/ SOD, AS REQUIRED. 8. STABILIZE DENUDED AREA AND STOCKPILES	SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.
AS SOON AS PRACTICABLE.	OTHER CONTROLS
TIMING OF CONTROLS/MEASURES	WASTE DISPUSAL WASTE MATERIALS
CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED FINCES AND HAT BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED FINE OF ALL BE INITIATED AS GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS	ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH
OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE	WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE
IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION AND TURBIDITY CONTROL PLAN.	INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. HAZARDOUS WASTF
ENDANGERED SPECIES AND CRITICAL HABITAT	ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER, SITE PERSONNEL WILL BE INSTRUCTED IN THESE
1. ARE THERE ENDANGERED SPECIES ON SITE?	- PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.
2. ARE THERE CRITICAL HABITAT ON SITE?	ALL SANITARY WASTE WILL BE COLLECTED FROM THAT PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH
IF TES TO ETTHER QUESTION, PLEASE EXPLAIN:	STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS. OFFSITE VEHICLE TRACKING
**	A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS
	HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH THE TARPAULIN. INVENTORY FOR POLLUTION PREVENTION PLAN
	THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE
	Concrete Fertilizers Wood
	Asphalt       Petroleum Based Products       Masonry Blocks         Detergents       Cleaning Solvents       Roofing Materials
	Paints Detail Stude

### TORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION EDIMENT TO THE INLET. BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED ND RECEIVE FINAL TREATMENT WITHIN 30 DAYS SHALL BE IING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE H 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF SURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED NT OF SEED AND MULCH. DED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND HER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM LISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT FTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS ERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED CIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER. THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT INTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO DESIGNED AND CONSTRUCTED. THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE ON THE OFFSITE FACILITIES. AS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID PES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR PORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF EDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGEWAY AT A NTS OF DISCHARGE FROM A DISTURBED AREA. BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION IT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY RFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE AMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS. - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS 0%) AND WHERE SHEET OR OVERLAND FLOWS (Q<0.50CFS) LL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS MEDIANS. TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS ON AND SEDIMENT PROBLEMS TO THE RECEIVING WATER BODY. BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING PROTECTION DETAIL. RUCTED AT THE COMMON DRAINAGE LOCATIONS, THE PROPOSED PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. E A MINIMUM OF 67 CUBIC YARDS OF STORAGE PER ACRE THE SITE. THE VOLUME OF THE BASIN AT CLEAN OUT SHALL EA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM TE AREAS THAT ARE EITHER UNDISTURBED OR HAVE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE DANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL R TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON CONTROLS CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH OVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED URE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES ICTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE -TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR NUFACTURER, SITE PERSONNEL WILL BE INSTRUCTED IN THESE ENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. LECTED FROM THAT PORTABLE UNITS AS NEEDED TO PREVENT WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH L REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS. ANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING ET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT AS UD. DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS TRUCTION SITE WILL BE COVERED WITH THE TARPAULIN. ION PREVENTION PLAN STED BELOW ARE EXPECTED TO BE TION: 🗌 Wood ed Products 🗌 Masonry Blocks 🗌 Roofing Materials ts Metal Studs

SPILL CONTROL PRACTICES IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE REVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e.:KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL REVIEW SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE IN THE OFFICE TRAILER ONSITE. MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

PERMISSION FROM THE ENGINEER.

HEIGHT OF THE FENCE.

JOB, WHICHEVER COMES FIRST.

INCIDENTS OF NON-COMPLIANCE.

NON-STORM WATER DISCHARGES

\* WATER FROM WATER LINE FLUSHING.

MAINTENANCE REPORT.

WORKING ORDER.

GROUND.

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN

\* ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATION OF SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER.

\* ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.

\* BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE

\* SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE

\* THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE

\* A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY

STEE DURING CONSTRUCTION AND AVAILABLE OFON REQUENT AND EXCIDENT AND EXCIDENT OF LOWNER, ENGINEER OF ANT FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE

\* THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND

\* PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

\* PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.

FOR NON-STORM WATER DISCHARGES REFER TO THE DEP GENERIC PERMIT FOR DISCHARGE OF NON-CONTAMINATED PRODUCED GROUND WATER.

(http://www.dep.state.fl.us/legal/rules/shared/62-621(2).doc)

UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

\* DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED. \* TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

CONCRETE TRUCKS

PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

FERTILIZERS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE: PETROLEUM PRODUCTS

PRODUCT SPECIFIC PRACTICES

PRODUCT INFORMATION.

\* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

\* PRODUCTS WILL BE KEPT IS ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. \* ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT

MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. \* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL. HAZARDOUS PRODUCTS

WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

\* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S MANUFACTURER.

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

DEPTH OF SEDIMENT IN BASIN

DOES MUCH SEDIMENT GET

TRACKED ON TO ROAD ?

INSPECTION AREA

(DESCRIPTION OF LOCATION)

RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

\* ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. LABEL.

\* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

GOOD HOUSEKEEPING

\* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

CONTRACTOR'S CERTIFICATION							
I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.							
NAME	TITLE	COMPANY ADDRESS AND PHONE NUMBER	DATE				
		NOTE TO CONTRACTOR:					

THIS IS THE CONTRACTORS CERTIFICATION REQUIRED BY THE STATE OF FLORIDA NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES), GENERIC PERMIT FOR STORMWATER DISCHARGE FOR CONSTRUCTION SITES OVER 1 ACRES. THIS CERTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.25 INCHES. IT IS SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. MORE INFORMATION MAY BE OBTAINED AT WWW.DEP.STATE.FL.US/WATER/STORMWATER/NPDES

PROJECT:								PROJE	CT:				
										STORM WA	TER POLLUTION PRI	EVENTION PLAN	
	STORM	WATER POLLUTION	PREVENTION PLAN							INSPECTION	AND MAINTENANCE	REPORT FORM	
	TO BE COMPLE OF A RAINI	ON AND MAINTENA TED EVERY 7 DAY FALL EVENT OF 0.	NCE REPORT FORM 'S AND WITHIN 24 H 25 INCHES OR MOF	HOURS							STRUCTURAL CONTI	ROLS	
								DATE:_			EARTH	I DIKES/SWALES	
INSPECTOR:			DATE:				DIKE		FROM		то	IS DIKE/SWALE	IS THERE EVIDENCE OF
	FIGATIONS						3					STABILIZED ?	WASHOUT OR OVERTOPPING
INSPECTOR 5 QUAL	IFICATIONS:												
DAYS SINCE LAST	RAINFALL:		AMOUNT OF LAS	T RAINFALL		INCHES		MAINTI	ENANCE REQUIRED F	OR EARTH L	JIKE/SWALE:		
		STABILIZATION ME	ASURES										
ECTION AREA DA	ATE SINCE LAST	DATE OF NEXT	STABILIZED	STABILIZE	D WITH	CONDITION							
TION OF LOCATION)	DISTURBED	DISTURBANCE	? (YES/NO)									011 00 0550	
								IO BE	PERFORMED BY:	CATCU		OUTEAU TURRIDITY CON	
							STI	RUCTURE/	ARE TURBIDIT		Y EVIDENCE OF	ARE TURBIDITY	DOES SILT NEED TO BE
								OUTFALL	CONTROLS IN PL	ACE CLOG	SING/WASHOUT OR BYPASSING ?	CONTROLS IN NEED OF REPLACING	REMOVED FROM AROUND CONTROL
			+										
								MAINTI	ENANCE REQUIRED F	FOR CATCH E	BASIN/CURB INLETS	OUTFALLS TURBIDITY CO	DNTROLS:
STABILIZATION	REQUIRED:												
TO BE PERFOR	RMED BY:			ON OR B	EFORE:			TO BI	E PERFORMED BY:			ON OR BEF	ORE:
			PAGE 1 OF 4									PAGE 2 OF 4	
							] [						
PROJECT:								PROJE	CT:				
	STORM	WATER POLLUTION	PREVENTION PLAN	N									
	INSPECT	TION AND MAINTEN	ANCE REPORT FORM	A					S	TORM WATER	POLLUTION PREVE	NTION PLAN	
										SPECTION AN	ND MAINTENANCE RE		
BASIN	B/	ASIN	OF THE EMBANK	MENT ?	FROM SE	DIMENT BASIN		CHANG	ES REQUIRED TO TH	HE POLLUTIO	N PREVENTION PLA	N:	
MAINTENANCE REQUI	RED FOR SEDIM	ENT BASIN:											
								REASO	NS FOR CHANGES:				
TO BE PERFORMED	BY:		ON	OR BEFORE	•								
		OTHER CONTROLS	STABILIZED										
		CONSTRUCTION											
AUCH SEDIMENT GET	IS THE GRAVE		OOES ALL TRAFFIC L	JSE THE	IS THE CL	JLVERT BENEATH							
UN IU KUAD ?	IS IT FILL SEDIM	ENT?	THE SITE ?	IU LEAVE	APF	ILE WORKING? (IF PLICABLE)							
									IFY UNDER PENALTY	OF LAW TH	AT THIS DOCUMENT DANCE WITH A SYS	AND ALL ATTACHMENTS	WERE PREPARED UNDER MY RE THAT QUALIFIED
MAINTENANCE REQUI	I RED FOR STABIL	IZED CONSTRUCTION	ON ENTRANCE:					THE P GATHEI	ERSON OR PERSONS RING THE INFORMATI	S WHO MANA	AGE THE SYSTEM, O ORMATION SUBMITTE	R THOSE PERSONS DIRE	CTLY RESPONSIBLE FOR MY KNOWLEDGE AND BELIEF,
								TRUE, FALSE	ACCURATE, AND CO INFORMATION, INCLU	UDING THE P	M AWARE THAT THE POSSIBILITY OF FINE	RE ARE SIGNIFICANT PEN AND IMPRISONMENT FOI	VALUES FOR SUBMITTING R KNOWING VIOLATIONS.
								SIGNAT	[URE:				
								<b>_</b>					
TO BE PERFORMED	BY:		ON	OR BEFORE	•			DATE:_					
			PAGE 3 OF 4								I	PAGE 4 OF 4	

![](_page_10_Picture_61.jpeg)

SCALE: AS NOTED
DESIGNED BY: CBF
DRAWN BY: JAH
REVIEWED BY: CBF
ISSUE DATE: JUNE 2023
FILE NAME: 13066det.dwg

![](_page_10_Picture_63.jpeg)

STORMWATER POLLUTION PREVENTION PLAN MARTIN LUTHER KING JR., RECREATION CENTER 701 14TH COURT EAST PANAMA CITY, FL 32401

![](_page_10_Picture_65.jpeg)

IDLE	
G, INC.	
● LAND PLANNERS lorida 32444 gineering.com	
SHEET NUMBER	
C-18	
PROJECT NUMBER	
13066	