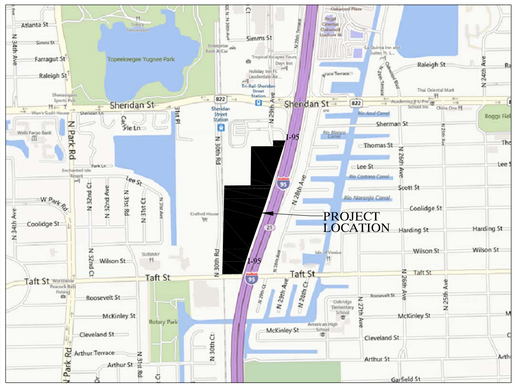
EXHIBIT ‘D’

PARK PLANS


Sheridan St
Sheridan St
PROJECT LOCATION
Taft St
Taft St
Wilson St
Harding St
Coolidge St
Scott St
Lee St
Thomas St
Sherman St
Raleigh St
Siems St
Cleveland St
McKinley St
Arthur St
Garfield St
Roosevelt St
Park Rd
N 29th Ave
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N 3rd Ave
N 2nd Ave
N 1st Ave
Tropeelvegee Yugnee Park
Rotary Park
Sheridan Street Station
Tri-Rail/Sheridan Street Station
Hollywood Hills High School
Hollywood Central Parkway
Hollywood Boulevard
Atlantic Blvd
Stirling Rd
Pembroke Rd
Johnson St
Hollywood Blvd
Hollywood Central Parkway
Hollywood Blvd

PROJECT DATA *

LAND USE DESIGNATION:..... TRANSIT ORIENTED DEVELOPMENT (TOD)
ZONING :..... PLANNED DEVELOPMENT (PD)

SITE DATA:

NET SITE AREA (ALL PARCELS INCLUDING PARCEL A,B,C & D) =1,712,694 S.F.(39.317 ACRES)
GROSS SITE AREA(ALL PARCELS INCLUDING PARCEL A,B,C & D)=1,826,077 S.F.(41.92 ACRES)

NET SITE AREA PARCEL: A & C (FDOT PARCEL) = 819,851 S.F. (18.82 ACRES)
GROSS SITE AREA PARCEL: A & C (FDOT PARCEL) =916,938 S.F. (21.05 ACRES)

NET SITE AREA PARCEL: B (PARK SITE) = 262,010 S.F.(6.015 ACRES)
GROSS SITE AREA PARCEL: B (PARK SITE) = 277,097 S.F. (6.36 ACRES)

NET SITE AREA PARCEL D (RESIDENTIAL SITE) = 630,833 S.F.(14.482 ACRES)
GROSS SITE AREA PARCEL D (RESIDENTIAL SITE) = 632,041 S.F. (14.510 ACRES)

DENSITY:
MAX. DENSITY PERMITTED FOR
SHERIDAN STATION SIDE VILLAGE TOD LAND USE = 1,050 UNITS
1,050 UNITS/39.317 NET ACRES = 26.7 UNITS/ NET ACRE
1,050 UNITS/ 41.92 GROSS ACRES = 25.04 UNITS/ GROSS ACRE
PROPOSED DENSITY @ RESIDENTIAL TRACT (PARCEL D)

336 UNITS/14.482 NET ACRES = 23.2 UNITS/ NET ACRE
336 UNITS/14.51 GROSS ACRES = 23.16 UNITS/ GROSS ACRE

REMAINING DENSITY PERMITTED AT PARCEL A & C (FDOT PARCEL)= 714 UNITS
714 UNITS/18.82 NET ACRES = 37.93 UNITS/ NET ACRE
714 UNITS/21.05 GROSS ACRES = 33.92 UNITS/ GROSS ACRE

SITE DATA

BUILDING COVERAGE: ..... 148,853 SF (3.417 ACRES)
23.6% OF NET RESIDENTIAL TRACT AREA

APT. BUILDINGS..... 140,446 SF
CLUBHOUSE..... 6,859 SF
STORAGE BUILDING..... 400 SF
TRASH ENCLOSURE..... 704 SF
GAZEBO ..... 1,008 SF } 2

PARKING & DRIVEWAYS: ..... 198,401 SF (4.55 ACRES) 31.5%
PEDESTRIAN SIDEWALKS & POOL DECK: ..... 53,000 SF (1.22 ACRES) 8.4% } 2

LANDSCAPE OPEN SPACE RESIDENTIAL TRACT

LANDSCAPE AREA @ PERIMETER BUFFERS .....32,867 S.F.
LANDSCAPE AREAS @ 2'-0" PARKING OVERHANG .....4,140 S.F.
LANDSCAPE AREAS @ VEHICULAR USE AREAS (TERMINAL ISLANDS).....30,481 S.F.
REMAINING LANDSCAPE AREAS .....163,091 S.F.
TOTAL LANDSCAPE OPEN SPACE ..... 230,579 SF (5.293 ACRES) 36.6% } 2

NOTE: SEE SHEET A-0.5 FOR LANDSCAPE OPEN SPACE CALCULATIONS @ PARK

F.A.R.

TOTAL PROJECT FLOOR AREA = 420,842 SF (.667 FAR) } 2
(66.7% OF NET RESIDENTIAL TRACT AREA)
(INCLUDES AC AREAS, COMMON AREAS, BALCONIES, CLUBHOUSE AND ACCESSORY STRUCTURES)

BUILDING DATA

GROSS BUILDING AREA: ..... 420,278 SF
(INCLUDES AC AREAS, COMMON AREAS & BALCONIES)

BUILDING TYPE I: 15,589 SF X 4 EACH = 62,356 SF
(12 UNITS EACH)

BUILDING TYPE II: 17,681 SF X 2 EACH = 35,362 SF
(12 UNITS EACH)

BUILDING TYPE III: 27,371 SF X 8 EACH = 218,968 SF
(24 UNITS EACH)

BUILDING TYPE IV: 31,019 SF X 2 EACH = 62,038 SF
(24 UNITS EACH)

BUILDING TYPE V: 33,147 SF X 1 EACH = 33,147 SF
(24 UNITS EACH)

CLUBHOUSE: 6,859 SF

STORAGE BUILDING: 400 SF

TRASH ENCLOSURE: 704 SF

GAZEBO: 1,008 SF } 2

BUILDING HEIGHT

MAX. ALLOWED FOR RESIDENTIAL BUILDINGS : 135'-0"
PROPOSED HEIGHT : 35'-0" (TO MEDIAN ROOF ELEVATION)
40'-0" (TO HIGHEST ROOF ELEMENT)

BUILDING SETBACKS

NORTH PROPERTY LINES (@ FDOT BOUNDARY): 74'-0" MIN.
(CLUBHOUSE SETBACK)

SOUTH PROPERTY LINE (@ PARK) : 20'-0" MIN.
(BLDG. 13 SETBACK)

EAST PROPERTY LINE (@ I-95) : 20'-0" MIN.
(BLDG. 7 SETBACK)

WEST PROPERTY LINE : 23'-0" MIN.
(@ FDOT BOUNDARY & RAIL ROAD TRACKS)
(STORAGE BLDG. SETBACK)

NOTE: MIN. DISTANCE BETWEEN 2 ADJACENT BLDGS. = 20'-0"
WIDEST DISTANCE BETWEEN 2 ADJACENT BLDGS. = 80'-0"

PARKING DATA

REQUIRED PARKING:
1.5 SPACES/UNIT + 1 SPACE PER 5 UNITS FOR GUESTS = 1.7 SPACES/UNIT
1.7 SPACES x 336 UNITS = 571.2 SPACES

TOTAL PARKING REQUIRED = 571 SPACES
TOTAL PARKING PROVIDED = 572 SPACES

PARKING BREAKDOWN
REGULAR SPACES = 554
H.C. PARKING SPACES = 18

APARTMENT DATA

UNIT TYPE	AC AREA	BALC AREA	No. of UNITS	% OF MIX
A-1 1BR/1B	800	61	96	28.5%
B-1.1 2BR/2B	1,097	72	92	27.4%
B-1.2 2BR/2B	1,106	72	112	33.3%
C-1.1 3BR/2B	1,260	75	12	3.6%
C-1.2 3BR/2B	1,269	75	24	7.2%
			336	100%

APARTMENT MIX BY UNIT TYPE

1BR/1B = 96 UNITS (28%)
2BR/2B = 204 UNITS (61%)
3BR/2B = 36 UNITS (11%)

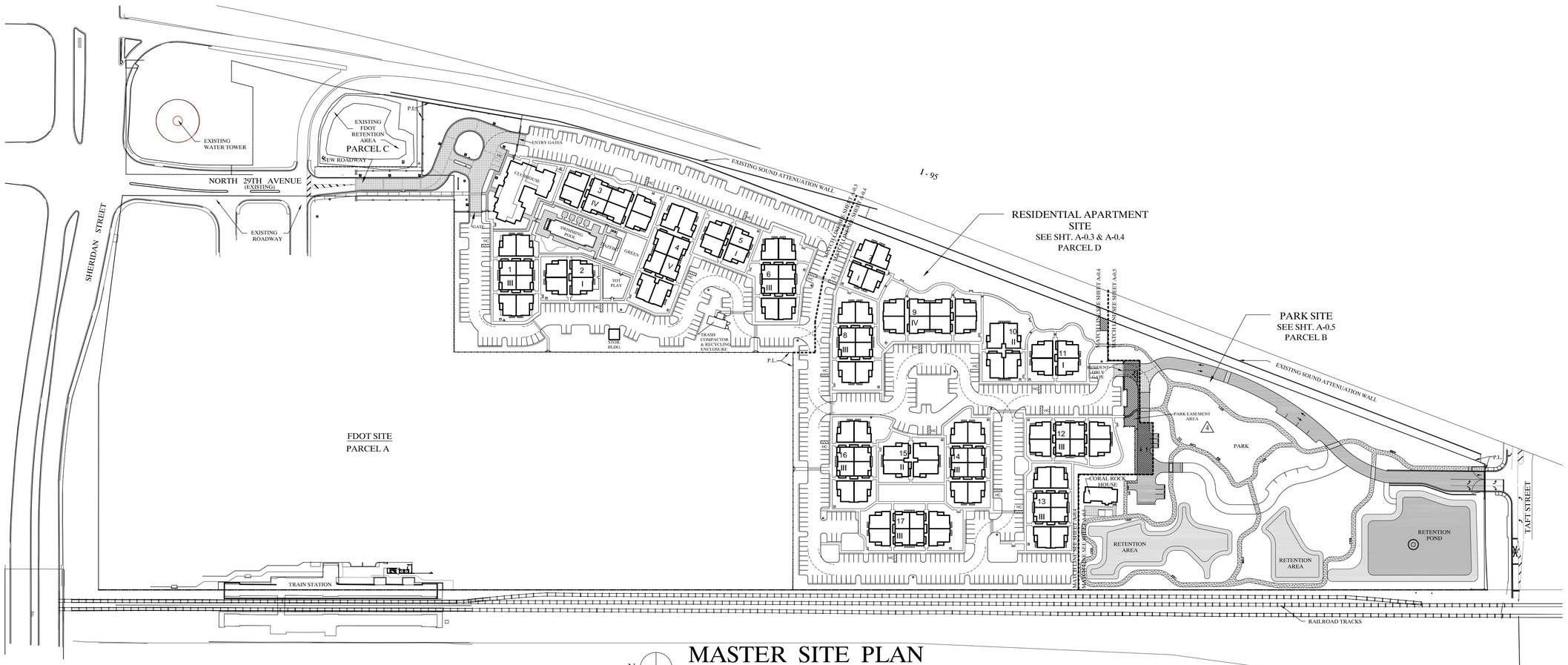
NOTES

1. ALL OVERHEAD UTILITIES WILL BE REMOVED, & ALL NEW UTILITIES WILL BE PLACED UNDERGROUND.
2. ALL AMENITIES SHALL RECEIVE A C/O OR C/C , WHICHEVER IS APPLICABLE, PRIOR TO C/O OF ANY RESIDENTIAL BUILDING.
3. PUBLIC PARK IMPROVEMENT WILL BE COMPLETED & DEEDED TO THE CITY PRIOR TO C/O OF ANY RESIDENTIAL BUILDING.
4. PROJECT WILL MEET THE MINIMUM REQUIREMENTS OF THE FLORIDA FIRE PREVENTION CODE.
5. THESE DRAWINGS COMPLY WITH PROVISIONS OF THE MASTER PLAN DEVELOPMENT GUIDELINES.
6. THE PROJECT SHALL MEET THE MINIMUM REQUIREMENTS OF THE CITY OF HOLLYWOOD GREEN BUILDING ORDINANCE.
7. ALL CONCRETE CURBS TO BE "D" CURB @ ALL VEHICULAR IMPACT POINTS.
8. FOR LOADING SPACES, ONE PARKING SPACE PER APARTMENT BUILDING (16 TOTAL) IS DESIGNATED BY SIGNAGE AS TEMPORARY LOADING FROM 9 AM TO 5 PM ON MONDAY THROUGH FRIDAY. THESE SPACES WILL BE AVAILABLE FOR RESIDENTS USE AT ALL OTHER TIMES. SEE SITE PLAN ON SHEET A-0.3 & A-0.4.1 FOR LOCATIONS.

MASTER PLAN REQUIREMENTS FOR RESIDENTIAL QUARTER

	REQUIRED	PROVIDED (@ RESIDENTIAL QUARTER)
DENSITY	1,050 UNITS (25.04 U/A)	336 UNITS (23.16 U/A)
BLDG. HT	65'-0" @ RESIDENTIAL QUARTER	40'-0" HIGHEST ROOF ELEMENT
LOADING	3 DESIGNATED SPACES @ 9'-0"X18'-0"	16 SPACES (1/BLDG. @ 9'-0"X18'-0") SEE NOTE 8 ON THIS SHEET
MIN. SETBACK TO BLDG. FROM BACK OF CURB	5'-0"	9'-8"
MAX. OVERHEAD PROJECTION INTO REQUIRED SETBACKS	2'-0"	2'-0"
MAX. HEIGHT TO TOP OF FENCE	8'-0"	6'-0"
MIN. DISTACE BETWEEN BUILDINGS	20'-0"	20'-0"
MIN. LANDSCAPE BUFFER @ PROPERTY BOUNDARIES	10'-0"	10'-0"
SETBACKS		
RAILROAD	20'-0"	78'-0"
I-95	20'-0"	20'-0"
SHERIDAN ST.	20'-0"	NA
PARKING	1.5 SPACES/UNIT + 1/5 UNITS GUEST	1.5 SPACES/UNIT + 1/5 UNITS GUEST
BICYCLE PARKING	1 SPACE/ 80 CARS (8 SPACES/571 CARS)	64 BICYCLE SPACES

* NOTE: SEE SHEET A-0.5 FOR PARK DATA



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MASTER SITE PLAN

SCALE: 1'=100'-0"

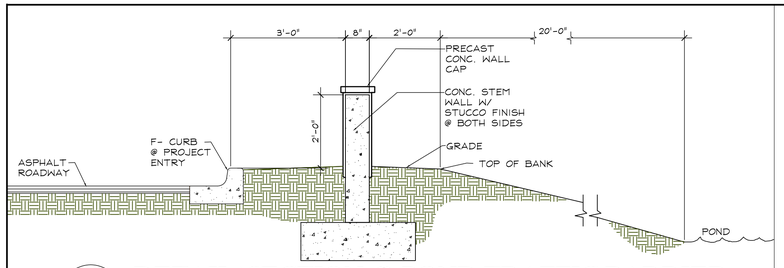
1	1/15/15	ADD PARK EASEMENT AREA
2	1/15/15	ADD TRAFFIC GATE @ PARK @ TAFT STREET ENTRANCE
3	11/13/14	MINOR REVISIONS TO SITE DATA
4	11/13/14	GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF
5	9/10/14	REVISE AS PER ROUND 3 TAC COMMENTS
6	8/18/14	REVISE AS PER ROUND 2 TAC COMMENTS
7	7/1/14	REVISE AS PER ROUND 1 TAC COMMENTS

SHERIDAN STATION
WEST OF I-95
BETWEEN TAFT AND SHERIDAN STREET

RAM DEVELOPMENT CO.

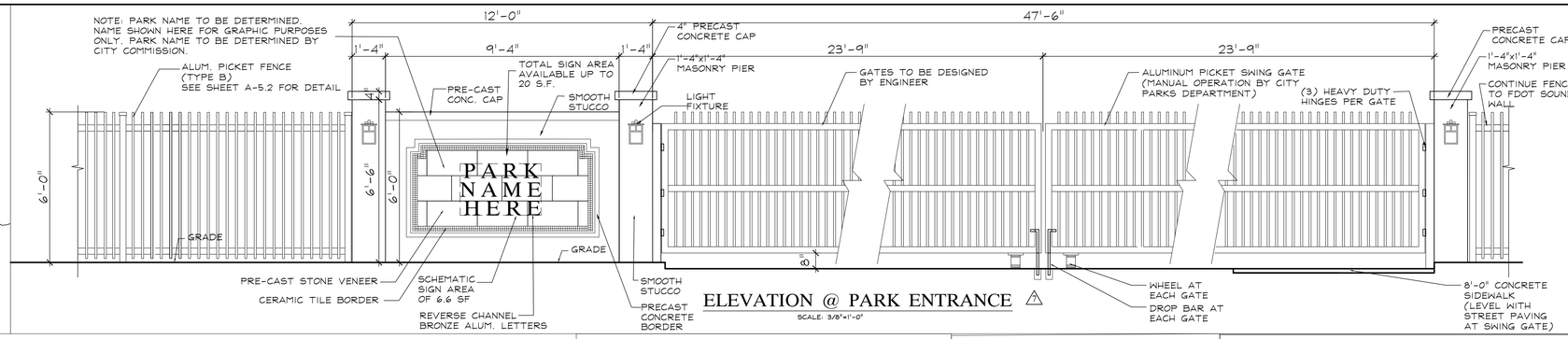
ROGER FRY & ASSOCIATES ARCHITECTS, P.A.
AA 26000598
ROGER FRY, ARCHITECT
AR 7534
2791 BIRD AVENUE
COCONUT GROVE, FL. 33133
TEL. 305-446-7787
rfry@rogerfry.com

DATE	SHEET NUMBER
4/21/14	A-0.2



A DETAIL/ SECTION @ POND TRAFFIC BARRIER

SCALE: 3/4"=1'-0"



ELEVATION @ PARK ENTRANCE 7

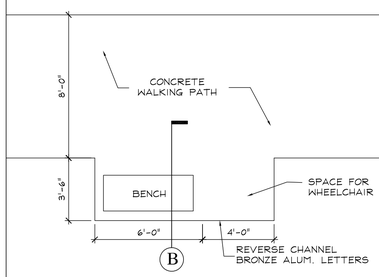
SCALE: 3/8"=1'-0"

PARK ENTRY GATES 7

SCALE: 1"=20'-0"

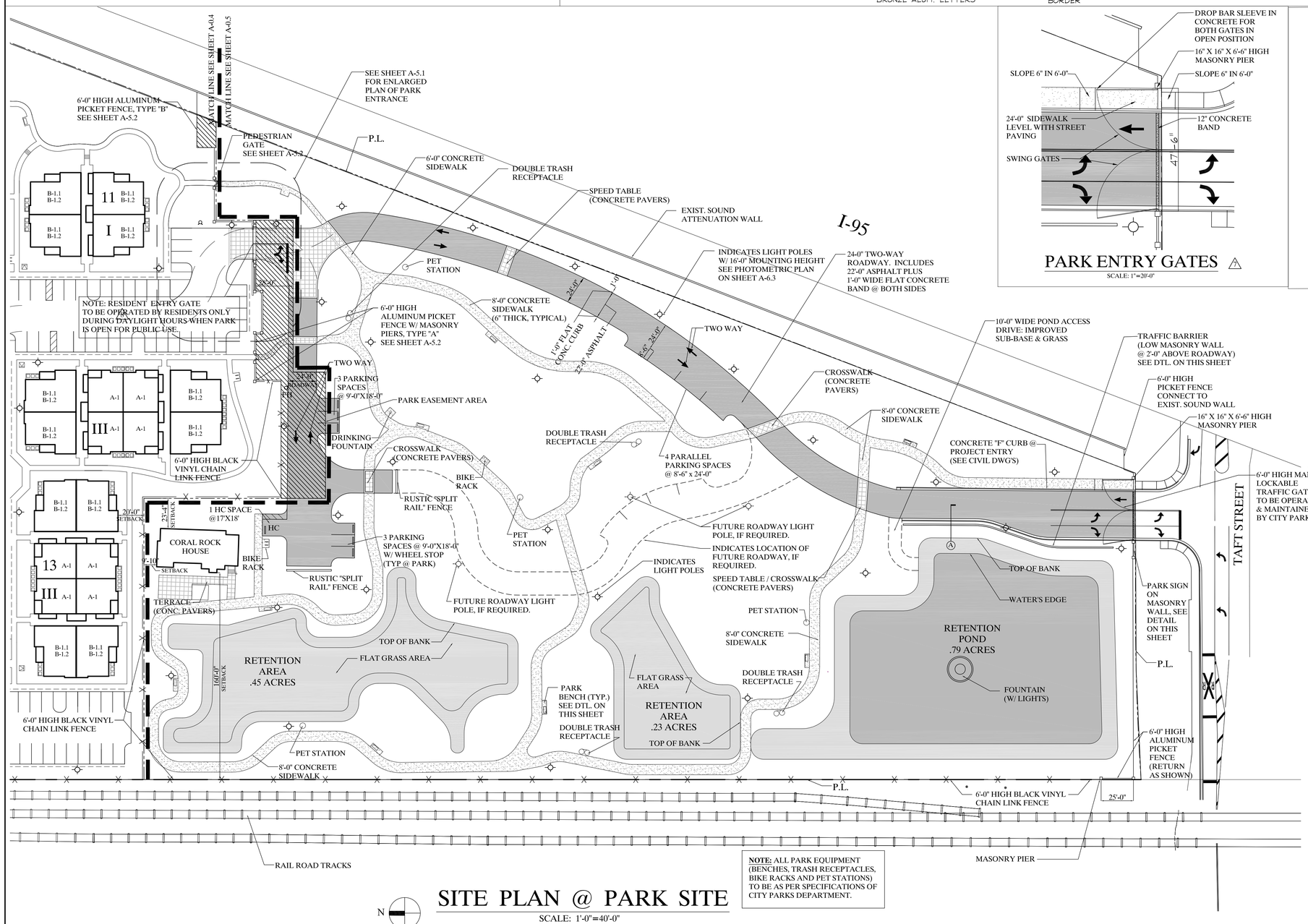
SECTION B @ PARK BENCH

N.T.S.



PLAN @ PARK BENCHES LOCATED ALONG WALKING PATH

SCALE: 1/4"=1'-0"



SITE PLAN @ PARK SITE

SCALE: 1'-0"=40'-0"

NOTE: ALL PARK EQUIPMENT (BENCHES, TRASH RECEPTACLES, BIKE RACKS AND PET STATIONS) TO BE AS PER SPECIFICATIONS OF CITY PARKS DEPARTMENT.

PARK SITE DATA

NET PARK AREA	262,010 SF (6.015 ACRES)
GROSS PARK AREA	277,097 SF (6.361 ACRES)
ROADWAY & PARKING	25,918 SF (.558 ACRES) 9.8%
SIDEWALKS	21,030 SF (.482 ACRES) 8.0%
BUILDING AREA (ROCK HOUSE)	1,763 SF 0.6%
TOTAL IMPERVIOUS AREA =	48,711 SF (1.118 ACRES) 18.6%
TOTAL PERVIOUS AREA =	213,299 SF (4.896 ACRES) 81.4%

NOTE: TOTAL PERVIOUS AREA INCLUDES WET & DRY RETENTION AREAS

TOTAL RETENTION AREA:	
POND (INCLUDING BANKS)	34,412 SF (.79 ACRES)
DRY RETENTION (INCLUDING BANKS)	29,621 SF (.68 ACRES)
TOTAL RETENTION AREA =	64,033 SF (1.47 ACRES) 24.5% OF TOTAL PARK AREA
TOTAL PARK AREA:	6.015 ACRES (262,010 SF)
TOTAL RETENTION AREA	1.47 ACRES (64,033 SF)
TOTAL PARK AREA MINUS RETENTION AREA =	4.54 ACRES (197,977 SF)
TOTAL UNENCUMBERED PARK OPEN SPACE (ALL PARK AREA MINUS IMPERVIOUS AREA AND RETENTION AREA) =	3.38 ACRES (147,519 SF)

TOTAL PAVED PARKING = 11 SPACES
-REGULAR SPACES: 6
-PARALLEL SPACES: 4
-HANDICAPPED SPACES: 1
(@ CORAL ROCK HOUSE)

8	1/12/15	ADD NOTE AT RESIDENT GATE
7	1/12/15	ADD TRAFFIC GATE AT TAFT STREET ENTRANCE
6	11/13/14	REVISE LIGHT POLE LOCATIONS
5	11/13/14	REVISE PERIMETER FENCES
4	11/13/14	GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF
3	9/10/14	REVISE AS PER ROUND 3 TAC COMMENTS
2	8/18/14	REVISE AS PER ROUND 2 TAC COMMENTS
1	7/1/14	REVISE AS PER ROUND 1 TAC COMMENTS

SHERIDAN STATION

WEST OF I-95
BETWEEN TAFT AND SHERIDAN STREET

RAM DEVELOPMENT CO.

ROGER FRY & ASSOCIATES ARCHITECTS, P.A.
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ROGER FRY, ARCHITECT
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COCONUT GROVE, FL. 33133
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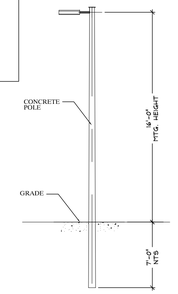
rfry@rogerfry.com

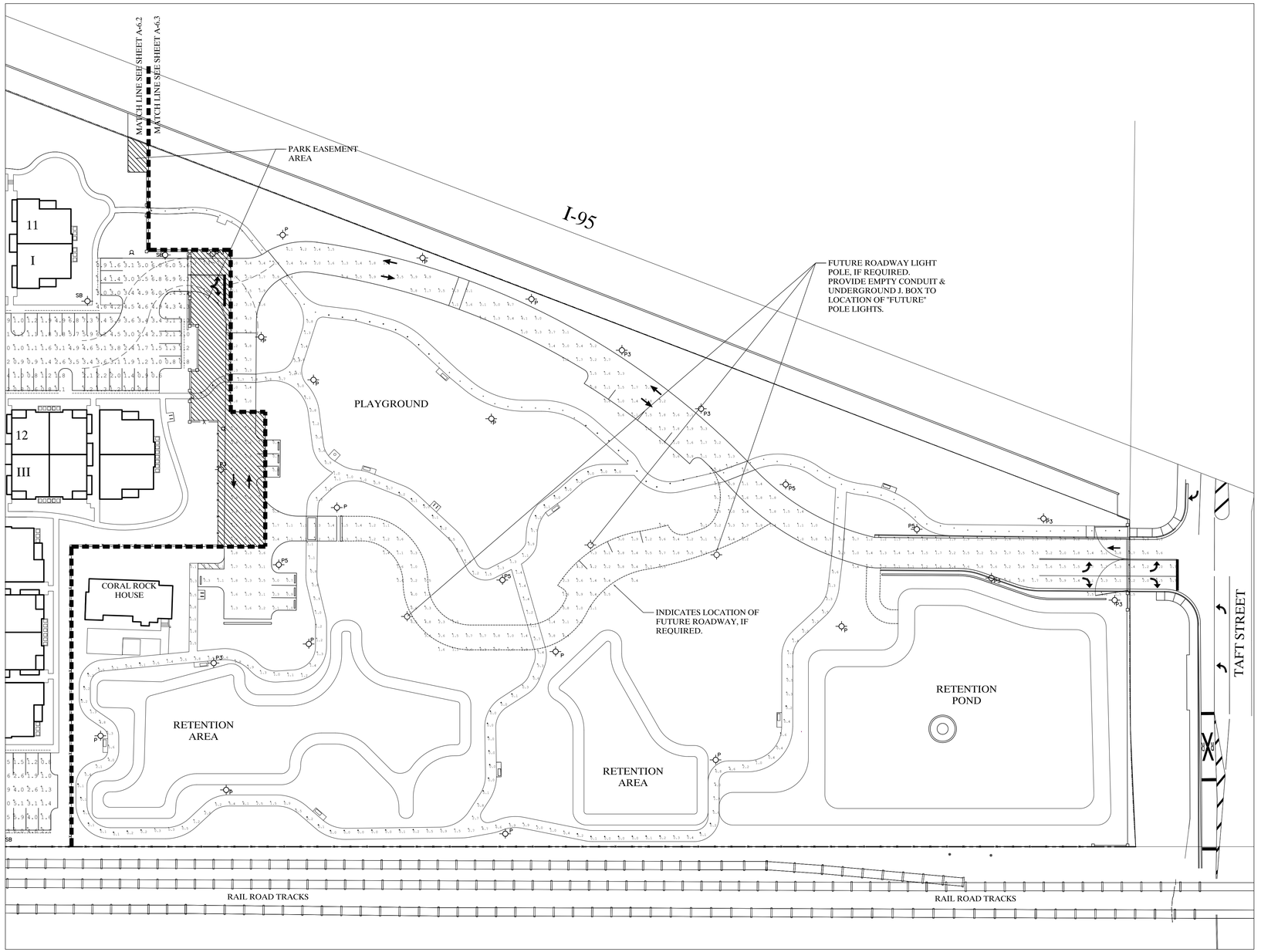
DATE	SHEET NUMBER
4/21/14	A-0.5

Luminaire Schedule								
Project: SHERIDAN STATION PARK REV6								
Symboll	Qty	Label	Description	Lumens/Lamp	LLD	LDD	LLF	Lum. Watts	Total Watts
P	15	P	Gardco EcoForm ECF-2-75LA-4853-NW @ POLE 16FT AFG	N.A.	1.000	1.000	0.850	77.4	1161
P4	1	P4	Gardco EcoForm ECF-4-75LA-4853-NW @ POLE 16FT AFG	N.A.	1.000	1.000	0.850	77.4	77.4
P5	6	P5	Gardco EcoForm ECF-5-75LA-4853-NW @ POLE 16FT AFG	N.A.	1.000	1.000	0.850	77.4	464.4
P3	7	P3	Gardco EcoForm ECF-3-75LA-4853-NW @ POLE 16FT AFG	N.A.	1.000	1.000	0.850	77.4	541.8



PHILIPS GARDCO ECOFORM (LED)

SITE LIGHT: TYPE P, P3, P5



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SITE LIGHTING PHOTOMETRICS PLAN @ PARK SITE

SCALE: 1'-0"=40'-0"

6	1/15/15	ADD PARK EASEMENT AREA
5	1/15/15	ADD TRAFFIC GATES @ PARK @ TAFT STREET ENTRANCE
4	11/13/14	REVISE PARK LIGHTING AND PHOTOMETRICS
3	9/10/14	REVISE AS PER ROUND 3 TAC COMMENTS
2	8/18/14	REVISE AS PER ROUND 2 TAC COMMENTS
1	7/1/14	ADD THIS SHEET

SHERIDAN STATION
WEST OF I-95
BETWEEN TAFT AND SHERIDAN STREET

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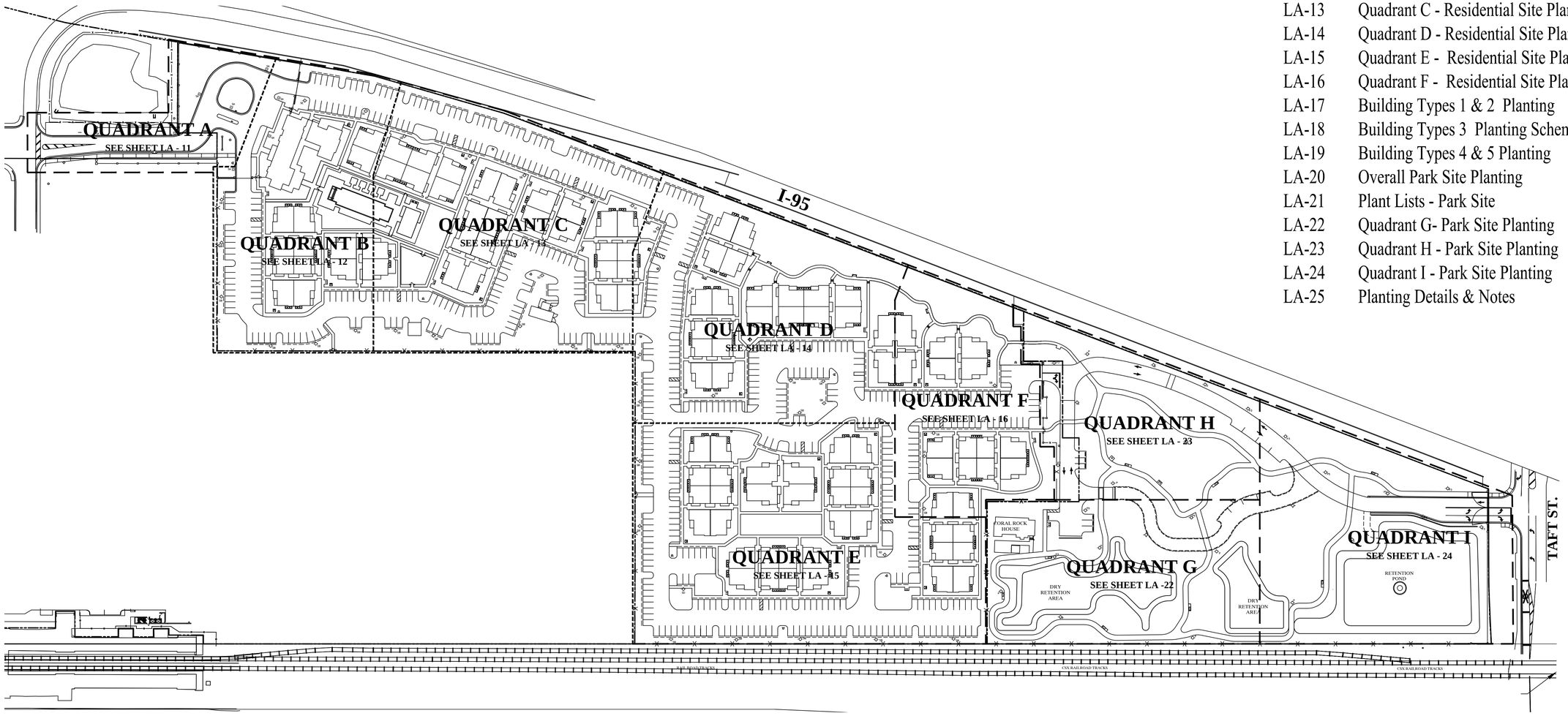
DATE	SHEET NUMBER
4/21/14	A-6.3



LIST OF DRAWINGS:

LA-1	Cover Sheet
LA-2	Existing Trees Disposition Sheet
LA-3	Existing Trees Disposition Sheet
LA-4	Existing Trees Disposition Sheet & Tree management Notes/Details
LA-5	Existing Tree Inventory Plan Area A
LA-6	Existing Tree Inventory Plan Area B
LA-7	Existing Tree Inventory Plan Area C
LA-8	Overall Residential Site Planting
LA-9	Plant Lists - Residential Site
LA-10	Plan Lists - Typical Buildings
LA-11	Quadrant A - Residential Site Planting
LA-12	Quadrant B - Residential Site Planting
LA-13	Quadrant C - Residential Site Planting
LA-14	Quadrant D - Residential Site Planting
LA-15	Quadrant E - Residential Site Planting
LA-16	Quadrant F - Residential Site Planting
LA-17	Building Types 1 & 2 Planting
LA-18	Building Types 3 Planting Schemes A & B
LA-19	Building Types 4 & 5 Planting
LA-20	Overall Park Site Planting
LA-21	Plant Lists - Park Site
LA-22	Quadrant G- Park Site Planting
LA-23	Quadrant H - Park Site Planting
LA-24	Quadrant I - Park Site Planting
LA-25	Planting Details & Notes

COVER SHEET

REVISIONS

1 Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS

2 Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS

3 Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING

4 Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF

Sheridan Station
A Transit Oriented Development
Hollywood, Florida

SEAL

GEORGE ALEX KNIGHT, ASLA
FL. LANDSCAPE ARCHITECT
FL. REG. NO. 949

ALEX KNIGHT
FL. REG. 949
LANDSCAPE ARCHITECTURE AND PLANNING
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TITLE: Cover Sheet

DATE: 07-01-2014

SCALE: 1" = 80'

DRAWING NO.: LA-1

TREE	BOTANICAL NAME	TYPE	DIA	Condition	% live Canopy	Presreve	Relocate	Remove	NOTES
6002	Quercus virginiana	LIVE OAK	18	70	80	P			
6003	Quercus virginiana	LIVE OAK	21	90	95		R		
6004	Quercus virginiana	LIVE OAK	12	-20	-25			X	sub-canopy
6005	Quercus virginiana	LIVE OAK	23	90	95		R		
6006	Mangifera indica	MANGO	16	80	90	P			
6007	Ficus aurea	STRANGLER FIG	11	45	50			x	sub-canopy
6008	Adonidia merrillii	CHRISTMAS PALM	6	70	na		R		
6009	Adonidia merrillii	CHRISTMAS PALM	6	85	na		R		
6010	Adonidia merrillii	CHRISTMAS PALM	6	90	na		R		
6011	Adonidia merrillii	CHRISTMAS PALM	6	90	na		R		
6012	Dypsis lutescens	ARECA PALM	65	90	na			X	
6013	Quercus virginiana	LIVE OAK	20	40	70	P			
6014	Quercus virginiana	LIVE OAK	10	20	50	P			
6015	Quercus virginiana	LIVE OAK	23	20	50	P			
6016	Quercus virginiana	LIVE OAK	16	20	25	P			
6017	Sabal palmetto	SABAL PALM	21	80	na	P			
6018	Sabal palmetto	SABAL PALM	18	80	na	P			
6019	Quercus virginiana	LIVE OAK	18	60	60	P			co-canopy
6020	Quercus virginiana	LIVE OAK	10	20	20			X	co-canopy
6021	Quercus virginiana	LIVE OAK	19	50	50			X	co-canopy
6022	Quercus virginiana	LIVE OAK	20	50	50			X	co-canopy
6023	Quercus virginiana	LIVE OAK	7	5	5			X	co-canopy
6024	Quercus virginiana	LIVE OAK	13	20	20			X	co-canopy
6025	Quercus virginiana	LIVE OAK	14	20	20			X	co-canopy
6026	Quercus virginiana	LIVE OAK	15	50	50			X	co-canopy
6027	Quercus virginiana	LIVE OAK	5	20	20			X	sub-canopy
6028	Quercus virginiana	LIVE OAK	13	30	30			X	sub-canopy
6029	Quercus virginiana	LIVE OAK	12	60	80		R		
6030	Quercus virginiana	LIVE OAK	5	30	30			X	
6031	Sabal palmetto	SABAL PALM	13	na	na			X	
6035	Ficus benjamina	FICUS	10	25	50			X	stump sprout
6036	Quercus virginiana	LIVE OAK	53	60	60		R		co-canopy
6037	Quercus virginiana	LIVE OAK	27	20	20			X	co-canopy
6038	Quercus virginiana	LIVE OAK	33	25	40			X	co-canopy
6039	Sabal palmetto	SABAL PALM	10	na	na			X	
6040	Schefflera							X	invasive
6041	Quercus virginiana	LIVE OAK	47	70	70	P			
6042	Cocos nucifera	COCONUT PALM	10	90	90	P			
6043	Quercus virginiana	LIVE OAK	41	40	50			X	co-canopy
6044	Quercus virginiana	LIVE OAK	49	80	90	P			
6045	Araucaria heterophylla	NORFOLK PINE	3	90	90	P			
6046	Quercus virginiana	LIVE OAK	41	40	50	P			co-canopy
6047	Quercus virginiana	LIVE OAK	23	15	20	P			co-canopy
6048	Ficus aurea	STRANGLER FIG	51	50	50			X	co-canopy
6049	Sabal palmetto	SABAL PALM	14	90	na			X	
6050	Quercus virginiana	LIVE OAK	19	20	25			X	co-canopy
6051	Quercus virginiana	LIVE OAK	20	20	20			X	co-canopy
6052	Sabal palmetto	SABAL PALM	13	90	90			X	
6053	Sabal palmetto	SABAL PALM	12	90	90			X	
6054	Schefflera							X	invasive
6055	Quercus virginiana	LIVE OAK	34	50	50			X	co-canopy
6056	Quercus virginiana	LIVE OAK	46	50	50			X	co-canopy
6057	Quercus virginiana	LIVE OAK	11	5	5			X	
6058	Quercus virginiana	LIVE OAK	11	5	5			X	
6059	Quercus virginiana	LIVE OAK	13	15	15			X	
6060	Quercus virginiana	LIVE OAK	18	15	15			X	
6061	Quercus virginiana	LIVE OAK	17	0	0			X	dead
6062	Quercus virginiana	LIVE OAK	21	25	25			X	sub-canopy
6063	Quercus virginiana	LIVE OAK	23	25	25			X	sub-canopy
6064	Quercus virginiana	LIVE OAK	62	80	80	P			
6068	Mangifera indica	MANGO	16	40	50	P			co-canopy
6069	Roystonea elata	ROYAL PALM	13	50	na	P			
6070	Sabal palmetto	SABAL PALM	17	90	na	P			close to wall
6071	Cocos nucifera	COCONUT PALM	10	70	90	P			
6072	Quercus virginiana	LIVE OAK	31	60	70	P			
6073	Arborvitae spp.	ARBOR VITAE	6	50	50	P			
6074	Arborvitae spp.	ARBOR VITAE	4	30	30	P			
6075	Cocos nucifera	COCONUT PALM	12	90	na	P			
6076	Quercus virginiana	LIVE OAK	24	70	75	P			co-canopy
6077	Araucaria heterophylla	NORFOLK PINE	21	75	95	P			
6078	Quercus virginiana	LIVE OAK	21	80	80	P			
6079	Quercus virginiana	LIVE OAK	7	20	20	P			sub-canopy
6080	Quercus virginiana	LIVE OAK	10	40	50	P			1 foot from wall
6081	Quercus virginiana	LIVE OAK	4	50	95	P			cull
6082	Schefflera							X	invasive
6083	Schefflera							X	invasive
6084	Ptychosperma elegans	ALEXANDER PALM	3	90	na	P			
6084A	Quercus virginiana	LIVE OAK	5	40	50			X	co-canopy
6084B	Adonidia merrillii	CHRISTMAS PALM	6	90	na		R		
6084C	Ptychosperma elegans	ALEXANDER PALM	4	90	na		R		
6085	Ptychosperma elegans	ALEXANDER PALM	3	90	na	P			
6085A	Quercus virginiana	LIVE OAK	4	20	20	P			
6086	Adonidia merrillii	CHRISTMAS PALM	6	90	na	P			
6087	Ptychosperma elegans	ALEXANDER PALM	3	90	na	P			
6088	Ptychosperma elegans	ALEXANDER PALM	3	90	na	P			
6089	Ptychosperma elegans	ALEXANDER PALM	3	90	na	P			
6090	Adonidia merrillii	CHRISTMAS PALM	6	90	na	P			
6091	Quercus virginiana	LIVE OAK	31	50	70	P			
6092	Quercus virginiana	LIVE OAK	17	20	20	P			sub-canopy
6093	Quercus virginiana	LIVE OAK	24	20	20	P			
6094	Quercus virginiana	LIVE OAK	38	60	60	P			
6095	Quercus virginiana	LIVE OAK	24	20	20	P			
6096	Quercus virginiana	LIVE OAK	22	25	25	P			sub-canopy
6097	Veitchia montgomeryana	MONTGOMERY PALM	8	80	80	P			
6098	Veitchia montgomeryana	MONTGOMERY PALM	6	70	70	P			
6099	Veitchia montgomeryana	MONTGOMERY PALM	8	80	80	P			
6100	Cocos nucifera	COCONUT PALM	13	70	70	P			
6101	Quercus virginiana	LIVE OAK	47	45	45	P			sub-canopy
6105	Quercus virginiana	LIVE OAK	38	75	75	P			co-canopy
6106	Veitchia montgomeryana	MONTGOMERY PALM	6	90	90	P			
6107	Veitchia montgomeryana	MONTGOMERY PALM	5	90	90	P			

TREE	BOTANICAL NAME	TYPE	DIA	Condition	% live Canopy	Presreve	Relocate	Remove	NOTES
6108	Sabal palmetto	SABAL PALM	13	90	90	P			
6109	Quercus virginiana	LIVE OAK	12	15	15			X	sub-canopy
6110	Quercus virginiana	LIVE OAK	15	20	20			X	
6111	Quercus virginiana	LIVE OAK	16	30	30			X	co-canopy
6112	Quercus virginiana	LIVE OAK	17	30	30			X	co-canopy
6113	Quercus virginiana	LIVE OAK	21	30	30			X	co-canopy
6114	Quercus virginiana	LIVE OAK	28	30	30			X	co-canopy
6115	Quercus virginiana	LIVE OAK	20	20	20			X	co-canopy
6116	Quercus virginiana	LIVE OAK	29	50	50			X	co-canopy
6117	Quercus virginiana	LIVE OAK	21	50	50	P			co-canopy, Group w/6116-6120
6118	Quercus virginiana	LIVE OAK	18	15	15	P			sub-canopy, Group w/6116-6120
6119	Quercus virginiana	LIVE OAK	22	25	25	P			co-canopy, Group w/6116-6120
6120	Quercus virginiana	LIVE OAK	19	30	30	P			sub-canopy, Group w/6116-6120
6121	Peltophorum dubium	YELLOW POINCIANA	8	30	40			X	weak fork
6122	Quercus virginiana	LIVE OAK	38	15	40	P			co-canopy, 2 lg hollow in trunk
6123	Quercus virginiana	LIVE OAK	31	60	60	P			co-canopy
6124	Quercus virginiana	LIVE OAK	37	70	70	P			co-canopy
6125	Quercus virginiana	LIVE OAK	21	15	15	P			sub-canopy
6126	Quercus virginiana	LIVE OAK	24	15	20	P			sub-canopy
6127	Quercus virginiana	LIVE OAK	23	20	20	P			co-canopy
6128	Quercus virginiana	LIVE OAK	29	70	70	P			co-canopy
6129	Sabal palmetto	SABAL PALM	13	90	90	P			
6130	Veitchia montgomeryana	MONTGOMERY PALM	10	90	90	P			
6131	Veitchia montgomeryana	MONTGOMERY PALM	9	90	90	P			
6135	Veitchia montgomeryana	MONTGOMERY PALM	9	50	50	P			
6136	Veitchia montgomeryana	MONTGOMERY PALM	7	50	50	P			
6137	Veitchia montgomeryana	MONTGOMERY PALM	9	90	90		R		
6138	Roystonea elata	ROYAL PALM	5	20	20	P			
6139	Adonidia merrillii	CHRISTMAS PALM	7	80	na	P			
6140	Quercus virginiana	LIVE OAK	24	10	10	P			sub-canopy
6141	Quercus virginiana	LIVE OAK	30	30	30	P			co-canopy
6142	Quercus virginiana	LIVE OAK	27	25	25	P			co-canopy
6143	Quercus virginiana	LIVE OAK	32	30	40	P			co-canopy
6144	Quercus virginiana	LIVE OAK	51	20	30	P			co-canopy
6145	Quercus virginiana	LIVE OAK	25	25	25	P			sub-canopy
6146	Quercus virginiana	LIVE OAK	36	10	15	P			co-canopy
6147	Quercus virginiana	LIVE OAK	36	50	50	P			co-canopy
6148	Quercus virginiana	LIVE OAK	23	25	25	P			sub-canopy
6149	Quercus virginiana	LIVE OAK	49	40	50	P			co-canopy
6150	Quercus virginiana	LIVE OAK	34	60	60	P			co-canopy
6151	Schefflera							X	INVASIVE
6152	Quercus virginiana	LIVE OAK	44	35	35	P			co-canopy
6153	Adonidia merrillii	CHRISTMAS PALM	5	90	na	P			
6154	Quercus virginiana	LIVE OAK	29	30	30	P			co-canopy
6154A	Quercus virginiana	LIVE OAK	34	0	25			X	HAZARD - up-rooted
6155	Quercus virginiana	LIVE OAK	23	10	10	P			almost dead
6156	Quercus virginiana	LIVE OAK	63	80	80	P			co-canopy, Group w/6156-6157
6157	Quercus virginiana	LIVE OAK	36	25	25	P			sub-canopy, Group w/6156-6157
6158	Quercus virginiana	LIVE OAK	30	40	50	P			co-canopy, lg fig
6159	Quercus virginiana	LIVE OAK	28	20	20	P			sub-canopy
6160	Quercus virginiana	LIVE OAK	15	0	0	P			dead
6161	Sabal palmetto	SABAL W/ S FIG	10	0	0	P			more fig than palm
6165	Leucaena leucocephala	MELELUCCA						X	INVASIVE
6166	Quercus virginiana	LIVE OAK	16	20	20			X	co-canopy
6167	Quercus virginiana	LIVE OAK	11	10	10			X	co-canopy
6168	Quercus virginiana	LIVE OAK	15	10	10			X	co-canopy
6169	Quercus virginiana	LIVE OAK	11	15	15			X	co-canopy
6170	Quercus virginiana	LIVE OAK	29	40	40	P			co-canopy
6171	Quercus virginiana	LIVE OAK	34	30	30	P			sub-canopy
6172	Quercus virginiana	LIVE OAK	22	50	50	P			co-canopy
6175	Delonix regia	ROYAL POINCIANA	10	40	40	P			co-canopy
6176	Quercus virginiana	LIVE OAK	23	20	20	P			co-canopy
6177	Quercus virginiana	LIVE OAK	27	10	15			X	co-canopy
6178	Quercus virginiana	LIVE OAK	25	30	30			X	co-canopy
6179	Quercus virginiana	LIVE OAK	27	20	20			X	
6180	Quercus virginiana	LIVE OAK	19	20	20			X	
6181	Quercus virginiana	LIVE OAK	23	10	10			X	
6182	Quercus virginiana	LIVE OAK	23	20	20	P			
6183	Cocos nucifera	COCONUT PALM	11	20	20	P			
6184	Cocos nucifera	COCONUT PALM	11	90	90	P			
6185	Quercus virginiana	LIVE OAK	21	15	15			X	
6186	Quercus virginiana	LIVE OAK	26	55	55		R		
6187	Quercus virginiana	LIVE OAK	15	10	10			X	
6188	Quercus virginiana	LIVE OAK	28	40	40	P			co-canopy, Group w/6188-6191
6189	Quercus virginiana	LIVE OAK	17	25	25	P			sub-canopy, Group w/6188-6191
6190	Quercus virginiana	LIVE OAK	23	30	30	P			co-canopy, Group w/6188-6191
6191	Quercus virginiana	LIVE OAK	40	60	60	P			co-canopy, Group w/6188-6191
6192	Sabal palmetto	SABAL PALM	13	90	90	P			
6193	Sabal palmetto	SABAL PALM	15	90	90	P			co-canopy
6194	Quercus virginiana	LIVE OAK	32	35	35	P			
6195	Adonidia merrillii	CHRISTMAS PALM	8	90	90		R		co-canopy
6196	Schefflera							X	invasive
6197	Schefflera							X	invasive
6198	Schefflera							X	invasive
6199	Quercus virginiana	LIVE OAK	31	75	75	P			co-canopy
6200	Quercus virginiana	LIVE OAK	38	30	30	P			co-canopy
6201	Quercus virginiana	LIVE OAK	32	50	50	P			co-canopy
6202	Quercus virginiana	LIVE OAK	26	50	50	P			co-canopy
6203	Quercus virginiana	LIVE OAK	34	80	80	P			full canopy
6207	Quercus virginiana	LIVE OAK	23	15	15	P			sub-canopy
6208	Quercus virginiana	LIVE OAK	28	15	15	P			co-canopy
6209	Quercus virginiana	LIVE OAK	49	20	25	P			sub-canopy
6210	Quercus virginiana	LIVE OAK	22	10	10	P			co-canopy
6211	Quercus virginiana	LIVE OAK	28	20	20	P			co-canopy
6212	Quercus virginiana	LIVE OAK	53	50	50	P			co-canopy
6213	Quercus virginiana	LIVE OAK	22	10	10	P			sub-canopy
6214	Quercus virginiana	LIVE OAK	24	40	40	P			co-canopy
6215	Quercus virginiana	LIVE OAK	20	20	20	P			co-canopy
6216	Quercus virginiana	LIVE OAK	20	15	15	P			co-canopy
6217	Quercus virginiana	LIVE OAK	25	45	45	P			co-canopy

TREE	BOTANICAL NAME	TYPE	DIA	Condition	% live Canopy	Presreve	Relocate	Remove	NOTES
6218	Quercus virginiana	LIVE OAK	23	20	20	P			sub-canopy
6219	Quercus virginiana	LIVE OAK	25	15	15	P			sub-canopy
6220	Adonidia merrillii	CHRISTMAS PALM	6	90	90	P			
6221	Adonidia merrillii	CHRISTMAS PALM	6	70	70	P			
6222	Adonidia merrillii	CHRISTMAS PALM	7	90	NA	P			
6223	Adonidia merrillii	CHRISTMAS PALM	6	90	NA		R		dbl trunk
6224	Adonidia merrillii	CHRISTMAS PALM	7	90	NA	P			
6225	Bauhinia blakeana	HONG KONG ORCHID	11	20	30			X	stump sprout
6226	Ficus rubiginosa	RUSTY FIG	7	30	30	P			
6227	Quercus virginiana	LIVE OAK	21	40	40	P			sub-canopy
6228	Adonidia merrillii	CHRISTMAS PALM	6	90	NA	P			
6229	Adonidia merrillii	CHRISTMAS PALM	6	90	NA	P			dbl trunk
6230	Adonidia merrillii	CHRISTMAS PALM	5	90	NA	P			
6231	Adonidia merrillii	CHRISTMAS PALM	6	90	NA	P			
6232	Adonidia merrillii	CHRISTMAS PALM	7	90	NA	P			
6233	Adonidia merrillii	CHRISTMAS PALM	6	90	NA		R		
6234	Quercus virginiana	LIVE OAK	17	15	15			X	sub-canopy
6235	Quercus virginiana	LIVE OAK	16	20	20			X	sub-canopy
6236	Quercus virginiana	LIVE OAK	18	30	30			X	sub-canopy
6237	Schefflera							X	invasive
6238	Schefflera							X	invasive
6239	Livistonia chinensis	Chinese fan	8	70	NA	P			
6240	Quercus virginiana	LIVE OAK	23	30	30	P			sub-canopy
6241	Quercus virginiana	LIVE OAK	32	45	45	P			co-canopy
6242	Quercus virginiana	LIVE OAK	50	70	70	P			
6247	Quercus virginiana	LIVE OAK	47	40	40	P			
6248	Quercus virginiana	LIVE OAK	41	25	25	P			co-canopy
6249	Roystonea elata	ROYAL PALM	18	90	NA	P			
6250	Cocos nucifera	COCONUT PALM	10	90	NA	P			
6251	Cocos nucifera	COCONUT PALM	10	90	NA	P			
6252	Cocos nucifera	COCONUT PALM	8	70	NA	P			
6253	Adonidia merrillii	CHRISTMAS PALM	6	90	NA	P			
6254	Quercus virginiana	LIVE OAK	32	50	50	P			co-canopy
6255	Quercus virginiana	LIVE OAK	32	60	60	P			co-canopy
6256	Cocos nucifera	COCONUT PALM	11	90	NA	P			
6257	Sabal palmetto	SABAL PALM	6	90	NA	P			
6258	Quercus virginiana	LIVE OAK	20	5	5	P			sub-canopy, almost dead
6259	Quercus virginiana	LIVE OAK	23	20	20	P			co-canopy
6260	Quercus virginiana	LIVE OAK	22	90	90	P			
6261	Schefflera							X	invasive
6262	Schefflera							X	invasive
6263	Schefflera							X	invasive
6264	Quercus virginiana	LIVE OAK	4	70	70			X	cull
6265	Cocos nucifera	COCONUT PALM	10	90	NA	P			
6266	Biscofia javanica	TOOG	21	50	50			X	co-canopy
6267	Quercus virginiana	LIVE OAK	24	20	20	P			sub-canopy
6268	Schefflera							X	invasive
6269	Schefflera							X	invasive
6270	Ficus benjamina	FICUS	23	15	15	P			co-canopy
6274	Ptychosperma elegans	ALEXANDER PALM	4	90	90		R		
6275	Quercus virginiana	LIVE OAK	26	20	20	P			
6276	Quercus virginiana	LIVE OAK	59	50	50	P			
6277	Adonidia merrillii	CHRISTMAS PALM	7	90	90		R		3 trunks @ 1 foot
6278	Cocos nucifera	COCONUT PALM	9	90	90		R		
6279	Quercus virginiana	LIVE OAK	28	20	20			X	sub-canopy
6280	Quercus virginiana	LIVE OAK	42	80	80	P			co-canopy
6281	Quercus virginiana	LIVE OAK	34	80	80	P			co-canopy
6282	Quercus virginiana	LIVE OAK	43	55	70	P			co-canopy - hollow trunk
6283	Quercus virginiana	LIVE OAK	25	40	40	P			co-canopy
6284	Quercus virginiana	LIVE OAK	34	60	60	P			co-canopy
6285	Bursera simaruba	GUMBO LIMBO	4	10	10			X	cull
6286	Adonidia merrillii	CHRISTMAS PALM	4	90	NA		R		
6287	Adonidia merrillii	CHRISTMAS PALM	5	90	NA		R		
6288	Adonidia merrillii	CHRISTMAS PALM	6	90	NA		R		
6289	Tabebuia caraiba	YELLOW TABEUIA	7	25	NA			X	sub-canopy
6293	Quercus virginiana	LIVE OAK	29	50		P			co-canopy
6294	Quercus virginiana	LIVE OAK	20	10		P			sub-canopy
6295	Schefflera							X	invasive
6296	Cocos nucifera	COCONUT PALM	7	90		P			
6297	Quercus virginiana	LIVE OAK	25	20		P			sub-canopy
6298	Quercus virginiana	LIVE OAK	21	20		P			co-canopy
6299	Quercus virginiana	LIVE OAK	25	50		P			co-canopy
6300	Schefflera							X	invasive
6301	Quercus virginiana	LIVE OAK	20	20	20	P			sub-canopy
6302	Quercus virginiana	LIVE OAK	34	70	70	P			co-canopy
6303	Adonidia merrillii	CHRISTMAS PALM	7	90	NA	P			
6304	Sabal palmetto	SABAL PALM	13	90	NA	P			
6305	Quercus virginiana	LIVE OAK	19	20	20			X	co-canopy, just a top
6306	Quercus virginiana	LIVE OAK	17	20	20			X	sub-canopy
6307	Quercus virginiana	LIVE OAK	32	40	40	P			sub-canopy
6308	Quercus virginiana	LIVE OAK	44	70	70	P			
6309	Schefflera							X	invasive
6310	Schefflera							X	invasive
6311	Quercus virginiana	LIVE OAK	21	10	10	P			co-canopy
6312	Ficus aurea	STRANGLER FIG	13	10	10			X	sub-canopy
6313	Quercus virginiana	LIVE OAK	23	20	20	P			sub-canopy
6314	Quercus virginiana	LIVE OAK	12	0	0			X	dead
6315	Quercus virginiana	LIVE OAK	31	60	60	P			co-canopy
6316	Schefflera							X	invasive
6317	Schefflera							X	invasive
6318	Schefflera							X	invasive
6319	Quercus virginiana	LIVE OAK	16	30	30			X	co-canopy
6320	Quercus virginiana	LIVE OAK	10	40	40			X	sub-canopy
6321	Quercus virginiana	LIVE OAK	22	20	20	P			co-canopy
6322	Quercus virginiana	LIVE OAK	25	50	50			X	co-canopy
6323	Ficus aurea	STRANGLER FIG	11	20	20			X	co-canopy
6324	Schefflera							X	invasive
6325	Araucaria heterophylla	NORFOLK PINE	6	70	70			X	co-canopy

NOTE:THE TREES SHOWN AS BEING RELOCATED ARE BASED ON THE RECOMMENDATION OF SUTTON CONSULTING ARBORISTS. HOWEVER, THE ARBORIST HAS INDICATED THAT ADDITIONAL RESEARCH IN THE FIELD IS REQUIRED TO MAKE A FINAL DECISION ON WHICH TREES CAN BE RELOCATED AND/OR SAVED.

EXISTING TREE DISPOSITION LIST

NOTE: TREES SHOWN IN ITALICS ARE LOCATED IN PARK SITE. ALL OTHERS ARE IN RESIDENTIAL SITE.

REVISIONS

1 Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS

2 Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS

3 Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING

4 Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF

4A Rev. 4A 11-13-2014 REMOVE OAK #6279, RELOCATE COCONUT PALM #6278, ALEXANDER PALM #6274, & MANILLA PALM #6277

Sheridan Station
A Transit Oriented Development
Hollywood, Florida

SEAL

GEORGE ALEX KNIGHT, ASLA
FL. LANDSCAPE ARCHITECT
FL. REG. NO. 949

ALEX KNIGHT
FL. REG. 949
LANDSCAPE ARCHITECTURE AND PLANNING
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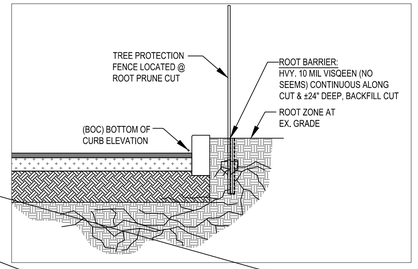
TITLE: Existing Tree Disposition List

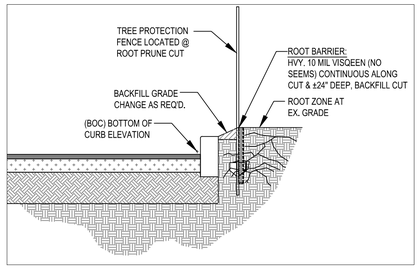
DATE: 06-10-2014

SCALE: 1" = 80'

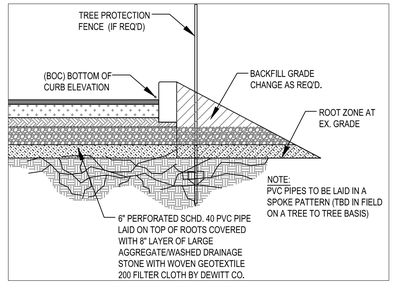
DRAWING NO.: LA-2



A ROOT PRUNING PROCEDURE @ GRADE
EXISTING TREES TO REMAIN Scale: ⅜" = 1'-0"



B ROOT PRUNING PROCEDURE @ ABOVE GRADE
EXISTING TREES TO REMAIN Scale: ⅜" = 1'-0"



C ROOT AERATION PROCEDURE @ BELOW GRADE
EXISTING TREES TO REMAIN Scale: ⅜" = 1'-0"

NOTE:

- **Refer to and cross reference the existing tree inventory plans with tree disposition lists on sheets LA-2 thru LA-4. The tree disposition lists hold precedence over the tree inventory plans.**
- **All Trees/ Palms indicated with a (P) are to be preserved & protected During construction with an approved protection barrier.**
- **All Trees indicated with an (R) are to be relocated once and protected with an approved protection barrier. All Palms indicated with an (R) are to be relocated to an onsite holding area. Final locations for these palms as shown on Quadrant planting plans LA-11 to LA-16. All relocated trees/palms are to be maintained during construction.**
- **All other Trees/Palms NOT indicated with a (P) or (R) are to be removed. All Oak trees to removed shall be harvested and recycled into mulch. Recycled Oak mulch is to be used within the park site in areas labeled as L3.**
- **Refer to General Tree Management Notes and Specifications sheet LA-4**

Existing Tree Key Legend:

(P) - Indicates existing tree to be preserved

(R) - Indicates an existing tree to be relocated

+ - Original tree survey location

● - New tree survey location

REVISIONS

1. Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2. Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3. Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
4. Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF
5. Rev. 5 1-15-2015 ADDED PARK MAIN ENTRY GATES & NORTH PROPERTY LINE EASEMENT

Sheridan Station
A Transit Oriented Development
Hollywood, Florida

SEAL

GEORGE ALEX KNIGHT, ASLA
FL. LANDSCAPE ARCHITECT
FL. REG. NO. 949

ALEX KNIGHT
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11843 SW 7th STREET
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TITLE: Existing Tree Inventory Plan Area C

DATE: 07-01-2014

SCALE: 1" = 30'

DRAWING NO.: LA-7

EXISTING TREE INVENTORY PLAN AREA C

OVERALL PARK SITE PLANTING

REVISIONS

1. Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2. Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3. Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
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TITLE: Overall Park Site Planting

DATE: 07-01-2014

SCALE: 1" = 40'

DRAWING NO: LA-20

Plant List: Park Site Quad A

Date: 10/172014
Project: Sheridan Park
Sheet #: LP-8 / Quad A
DT / Drought Tol. - ***high, **moderate, *low

TREES:

Key	Native	DT	Quan	Botanical/ COMMON NAME	Description
CB	N	***	9	Cordia boissieri WHITE GEIGER TREE	8'-10' hgt x 5' spr 45-gal.
CE1	Y	***	15	Conocarpus erectus SILVER BUTTONWOOD	5'hgt.x 4'spr. FG muti trk
CL	N	***	6	Cordia Lutea YELLOW GEIGER TREE	8'hgt x 5' spr FG
CO1	Y	***	7	Conocarpus erectus GREEN BUTTONWOOD	8'-10'hgt x 5'spr FG full to ground
QV2	Y	***	12	Quercus virginiana LIVE OAK	12'hgt x 6' spr 2.5" cal roots grower plus
TD	Y	***	29	Taxodium distichum BALD CYPRESS	8"-10" hgt 1 ½" cal.FG

PALMS:

Key	Native	DT	Quan	Botanical/ COMMON NAME	Description
SP	Y	***	42	Sabal palmetto SABAL PALM	10',14'18' CT FG booted

(Note: provide 3 staggered hgt's at each building corner & no hurricane cut)

SHRUBS / GROUND COVERS / ACCENT PLANTS:

Key	Native	Dr.Tol.	Quan	Botanical/ COMMON NAME	Description
AE2	Y	***	70	Ardisia escalloniodes MARLBERRY	24" hgt x 18" spr 24" o.c.
BG	N	**	8	Bauhinia galpinii RED ORCHID BUSH	6' hgt. std
CO2	Y	***	90	Conocarpus erectus GREEN BUTTON WOOD	24" hgt x spr 36" o.c. Full to ground
HE	Y	***	840	Hymenocallis latifolia SPIDER LILY	12"hgt x spr 24" o.c.
HP	Y	***	750	Hamelia patens FIREBUSH	20"hgt.x 16"sp 24"o.c.
LD	Y	***	640	Lantana depressa YELLOW PINELAND LANTANA	10"hgt.x spr.full 12"o.c.
MU	Y	***	720	Muhlenbergia capillaries MUHLY GRASS	24"hgt x spr 36" o.c.
NE	Y	***	1035	Nepholepis exaltata SWORD FERN	12"hgt x spr 24" o.c.
PN	Y	***	950	Psychotria nervosa SHINY LEAF WILD COFFEE	24" spr x 18"spr 24" o.c.
SJ	Y	***	540	Stachylaphaeta jamaicensis DWARF PORTERWEED	16"hgt x spr 24" o.c. blue flower
TA	Y	***	150	Trachelospermum asiaticum 'Minima' JASMINE MINIMA	6"hgt x 12"spr 24" o.c.
TF	Y	***	580	Tripsacum floridana DWARF FAKAHATCHEE	24"hgt 36"o.c. full

Sod: See key legend

General Planting Notes:

- The City Landscape Reviewer must be notified prior to any changes In approved landscape materials.
- Plant material shall not be planted into root balls of trees and palms.
- All plant material shall be Florida Grade #1 or better.
- All landscaped areas shall receive 100% coverage/ 50% overlap by means of an automatic underground irrigation system. A rain sensor is to be provided.
- Tops of root balls (the base of truck flare) or root systems of trees, palms, Shrubs and ground cover shall at or slightly above grade at the time of Landscape inspection, but not to exceed 10% above final grade.
- Topsoil shall be clean and reasonably free of construction debris, weeds, rocks, and noxious pests and disease. The following soils shall apply:

- PLANTING SOILS:
  TOPSOIL - Topsoil shall be a 50-50 prepared mix, 50% muck and 50% fine sand thoroughly mixed with a commercial shredder/ blender or equivalent. It shall be suitable for ornamental plant growth and free from clods, stiff clay, hardpan, gravel, subsoil, brush, large roots, refuse or other deleterious materials, and of uniform quality. Min 3" topsoil depth shall be required throughout.
  PLANTING SOIL - Planting soil for backfill shall be 50% existing native topsoil and 50% prepared backfill (1/3 muck, 1/3 Canadian peat, 1/3 fine sand). It shall be suitable for ornamental plant growth and free from clods, stiff clay, hardpan, gravel, subsoil, brush, large roots, refuse or other deleterious materials, and of uniform quality.
  PALM SOIL - Palm planting soil shall be 50% existing native top soil and 50% prepared backfill mix (2/3 course sand, 1/3 Canadian peat). Final specifications for soil conditioners and soil backfill mixtures shall be called out by the Landscape Architect and shall be appropriate for the plant species and micro environmental conditions indigenous to the job site.

- Mulch: See key legend this sheet for mulch types. Min of 3" layer is required.
- All tree/ palm, shrub and ground cover soil is to be amended with a soil moisturizer (Terra-sorb or approve equal) installed as per manufact. Instructions.

REVISIONS

1. Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2. Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3. Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
4. Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF

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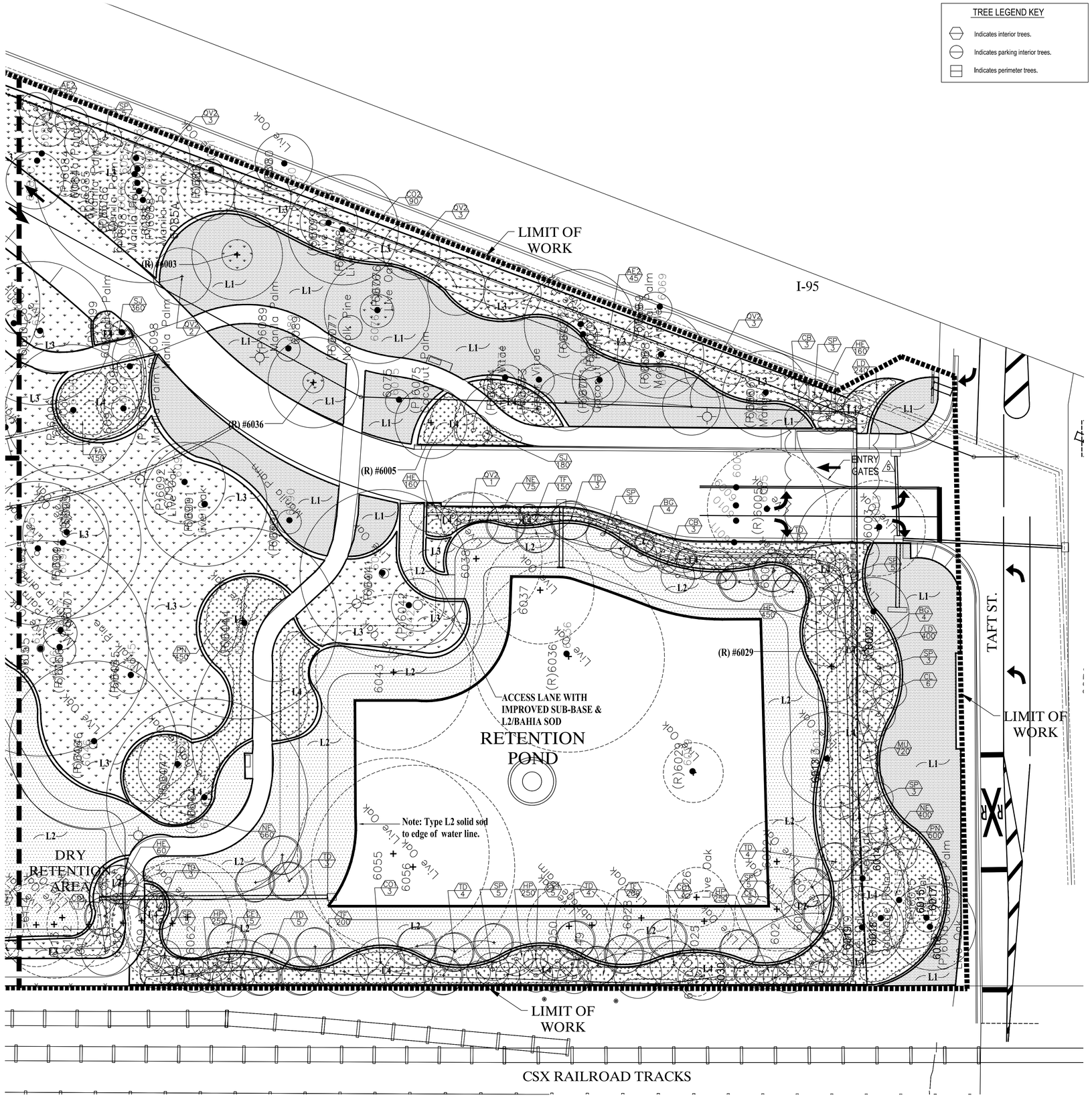
TITLE: Planting List - Park Site

DATE: 07-01-2014

SCALE: N.T.S.

DRAWING NO.: LA-21



TREE LEGEND KEY

- Indicates interior trees.
- Indicates parking interior trees.
- Indicates perimeter trees.

General Planting Notes:

- The City Landscape Reviewer must be notified prior to any changes In approved landscape materials.
- Plant material shall not be planted into root balls of trees and palms.
- All plant material shall be Florida Grade #1 or better.
- All landscaped areas shall receive 100% coverage/ 50% overlap by means of an automatic underground irrigation system. A rain sensor is to be provided.
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- PLANTING SOILS:
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  PLANTING SOIL - Planting soil for backfill shall be 50% existing native topsoil and 50% prepared backfill (1/3 muck, 1/3 Canadian peat, 1/3 fine sand). It shall be suitable for ornamental plant growth and free from clods, stiff clay, hardpan, gravel, subsoil, brush, large roots, refuse or other deleterious materials, and of uniform quality.
  PALM SOIL - Palm planting soil shall be 50% existing native top soil and 50% prepared backfill mix (2/3 course sand, 1/3 Canadian peat). Final specifications for soil conditioners and soil backfill mixtures shall be called out by the Landscape Architect and shall be appropriate for the plant species and micro environmental conditions indigenous to the job site.

- Mulch: See key legend this sheet for mulch types. Min of 3" layer is required.
- All treel palm, shrub and ground cover soil is to be amended with a soil moisturizer (Terra-sorb or approve equal) installed as per manufact. Instructions.

Plant List: Quad A

Date: 7/01/2014
Project: Sheridan Station
Sheet #: LA- 22 / Quad A

DT / Drought Tol. - ***high, **moderate, *low

TREES:

Key	Native	DT	Quan	Botanical/ COMMON NAME	Description
CB	N	***	9	Cordia boissieri WHITE GEIGER TREE	8'-10' hgt x 5' spr 45-gal.
CE1	Y	***	15	Conocarpus erectus SILVER BUTTONWOOD	8'hgt.x 5'spr. FG muti trk
CL	N	***	6	Cordia Lutea YELLOW GEIGER TREE	12'hgt x 5' spr 2.5" cal FG
CO1	Y	***	7	Conocarpus erectus GREEN BUTTONWOOD	12'-14'hgt x 6'spr FG full to ground
QV2	Y	***	12	Quercus virginiana LIVE OAK	12'hgt x 6' spr 2.5" cal roots grower plus
TD	Y	***	29	Taxodium distichum BALD CYPRESS	12'-16' hgt FG

PALMS:

Key	Native	DT	Quan	Botanical/ COMMON NAME	Description
SP	Y	***	42	Sabal palmetto SABAL PALM	10',14'18' CT FG booted

(Note: provide 3 staggered hgt's at each building corner & no hurricane cut)

SHRUBS / GROUND COVERS / ACCENT PLANTS:

Key	Native	Dr.Tol.	Quan	Botanical/ COMMON NAME	Description
AE2	Y	***	70	Ardisia escalloniodes MARLAERRY	24" hgt x 18" spr 24" o.c.
BG	N	***	8	Bauhinia galAinii RED ORCHID BUSH	15 gal std. 6' hgt.
CO2	Y	***	90	Conocarpus erectus GREEN BUTTON WOOD	4'-6' hgt x 3'spr 3' o.c. Full to ground
HE	Y	***	840	Hymenocallis latifolia SPIDER LILY	18"hgt x spr 24" o.c.
HP	Y	***	750	Hamelia patens FIREBUSH	24"hgt.x 20"sp 24"o.c.
LD	Y	***	640	Lantana depressa YELLOW PINELAND LANTANA	10"hgt.x spr.full 12"o.c.
MU	Y	***	720	Muhlenbergia capillaries MUHLY GRASS	24"hgt x spr 36" o.c.
NE	Y	***	1035	Nepholepis exaltata SWORD FERN	12"-14"hgt x spr 24" o.c.
PN	Y	***	950	Psychotria nervosa SHINY LEAF WILD COFFEE	24" spr x 18"spr 24" o.c.
SJ	Y	***	540	Stachylaphaeta jamaicensis DWARF PORTERWEED	16"hgt x spr 24" o.c. blue flower
TA	Y	***	150	Trachelospermum asiaticum 'Minima' JASMINE MINIMA	6"hgt x 12"spr 24" o.c.
TF	Y	***	580	Tripsacum floridana DWARF FAKAHATCHEE	24"hgt 36"o.c. full

Sod: See key legend

Note: See sheets LA-2, 3, & 4 for existing tree disposition lists (trees to be preserved, relocated, or removed)

Key Legend:

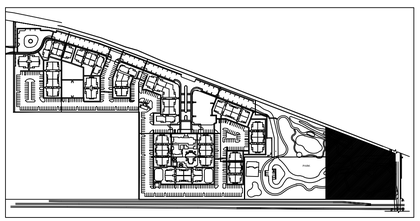
(P) - Indicates existing tree to be preserved

(R) - Indicates an existing tree/palm to be relocated

(RP) - Indicates approximate distance area of root pruning (preserved and relocated), arborist to determine final distance in the field

- **L1 - Indicates areas of St. Augustine 'Palmetto' solid sod**
- **L2 - Indicates areas of Bahia Sod**
- **L3 - Indicates areas of native on-site recycled Oak mulch.**
- **L4 - Indicates areas of new plantings.**

Note: All planting beds and tree saucers are to be mulched with sterilized Melaleuca mulch or approved equal as required/ min 3" deep (after initial watering-in)



N KEY PLAN

QUADRANT A: PARK SITE PLANTING

REVISIONS

1. Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2. Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3. Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
4. Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF
5. Rev. 5 1-15-2015 ADDED PARK MAIN ENTRY GATES & NORTH PROPERTY LINE EASEMENT

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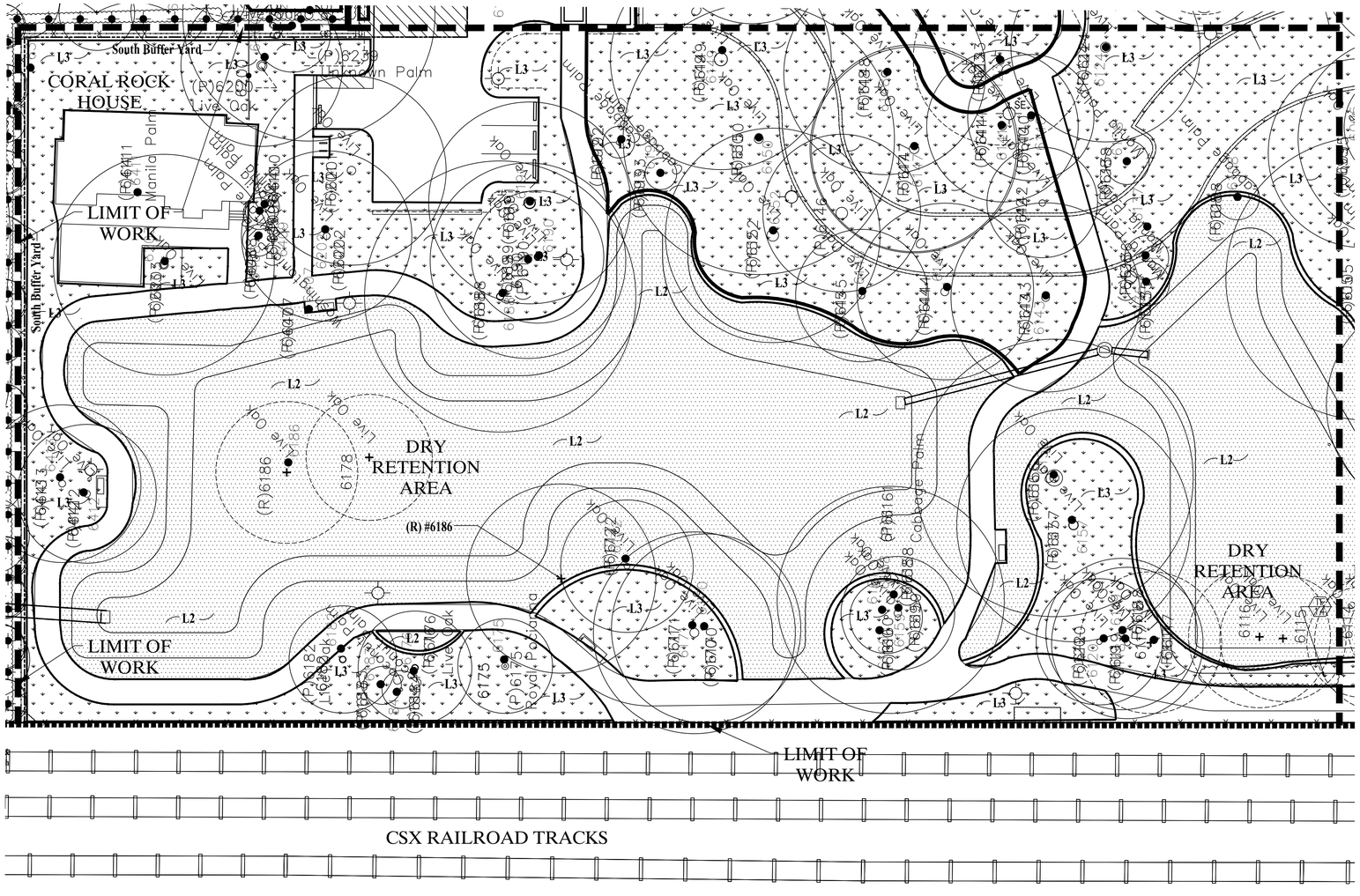
TITLE: Quadrant A Park Site Planting

DATE: 07-01-2014

SCALE: 1" = 20'

DRAWING NO.: LA-22

QUADRANT C
MATCH LINE SEE SHEET LA - 24



QUADRANT E
MATCH LINE SEE SHEET LA - 14

QUADRANT A
MATCH LINE SEE SHEET LA - 22

TREE LEGEND KEY

- Indicates interior trees.
- Indicates parking interior trees.
- Indicates perimeter trees.

General Planting Notes:

- The City Landscape Reviewer must be notified prior to any changes In approved landscape materials.
- Plant material shall not be planted into root balls of trees and palms.
- All plant material shall be Florida Grade #1 or better.
- All landscaped areas shall receive 100% coverage/ 50% overlap by means of an automatic underground irrigation system. A rain sensor is to be provided.
- Tops of root balls (the base of truck flare) or root systems of trees, palms, Shrubs and ground cover shall at or slightly above grade at the time of Landscape inspection, but not to exceed 10% above final grade.
- Topsoil shall be clean and reasonably free of construction debris, weeds, rocks, and noxious pests and disease. The following soils shall apply:

- PLANTING SOILS:
  TOPSOIL - Topsoil shall be a 50-50 prepared mix, 50% muck and 50% fine sand thoroughly mixed with a commercial shredder/ blender or equivalent. It shall be suitable for ornamental plant growth and free from clods, stiff clay, hardpan, gravel, subsoil, brush, large roots, refuse or other deleterious materials, and of uniform quality. Min 3" topsoil depth shall be required throughout.
  PLANTING SOIL - Planting soil for backfill shall be 50% existing native topsoil and 50% prepared backfill (1/3 muck, 1/3 Canadian peat, 1/3 fine sand). It shall be suitable for ornamental plant growth and free from clods, stiff clay, hardpan, gravel, subsoil, brush, large roots, refuse or other deleterious materials, and of uniform quality.
  PALM SOIL - Palm planting soil shall be 50% existing native top soil and 50% prepared backfill mix (2/3 course sand, 1/3 Canadian peat). Final specifications for soil conditioners and soil backfill mixtures shall be called out by the Landscape Architect and shall be appropriate for the plant species and micro environmental conditions indigenous to the job site.

- Mulch: See key legend this sheet for mulch types. Min of 3" layer is required.
- All tree/ palm, shrub and ground cover soil is to be amended with a soil moisturizer (Terra-sorb or approve equal) installed as per manufact. Instructions.

Key Legend:

(P) - Indicates existing tree to be preserved

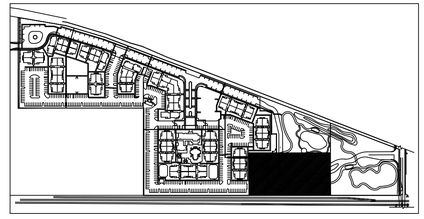
(R) - Indicates an existing tree/palm to be relocated

(RP) - Indicates approximate distance area of root pruning (preserved and relocated), arborist to determine final distance in the field

- L1 - Indicates areas of St. Augustine 'Palmetto' solid sod
- L2 - Indicates areas of Bahia Sod
- L3 - Indicates areas of native on-site recycled Oak mulch.
- L4 - Indicates areas of new plantings.

Note: All planting beds and tree saucers are to be mulched with sterilized Melaleuca mulch or approved equal as required/ min 3" deep (after initial watering-in)

Note: See sheets LA-2, 3, & 4 for existing tree disposition lists (trees to be preserved, relocated, or removed)



N KEY PLAN

QUADRANT B: PARK SITE PLANTING

REVISIONS

1. Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2. Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3. Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
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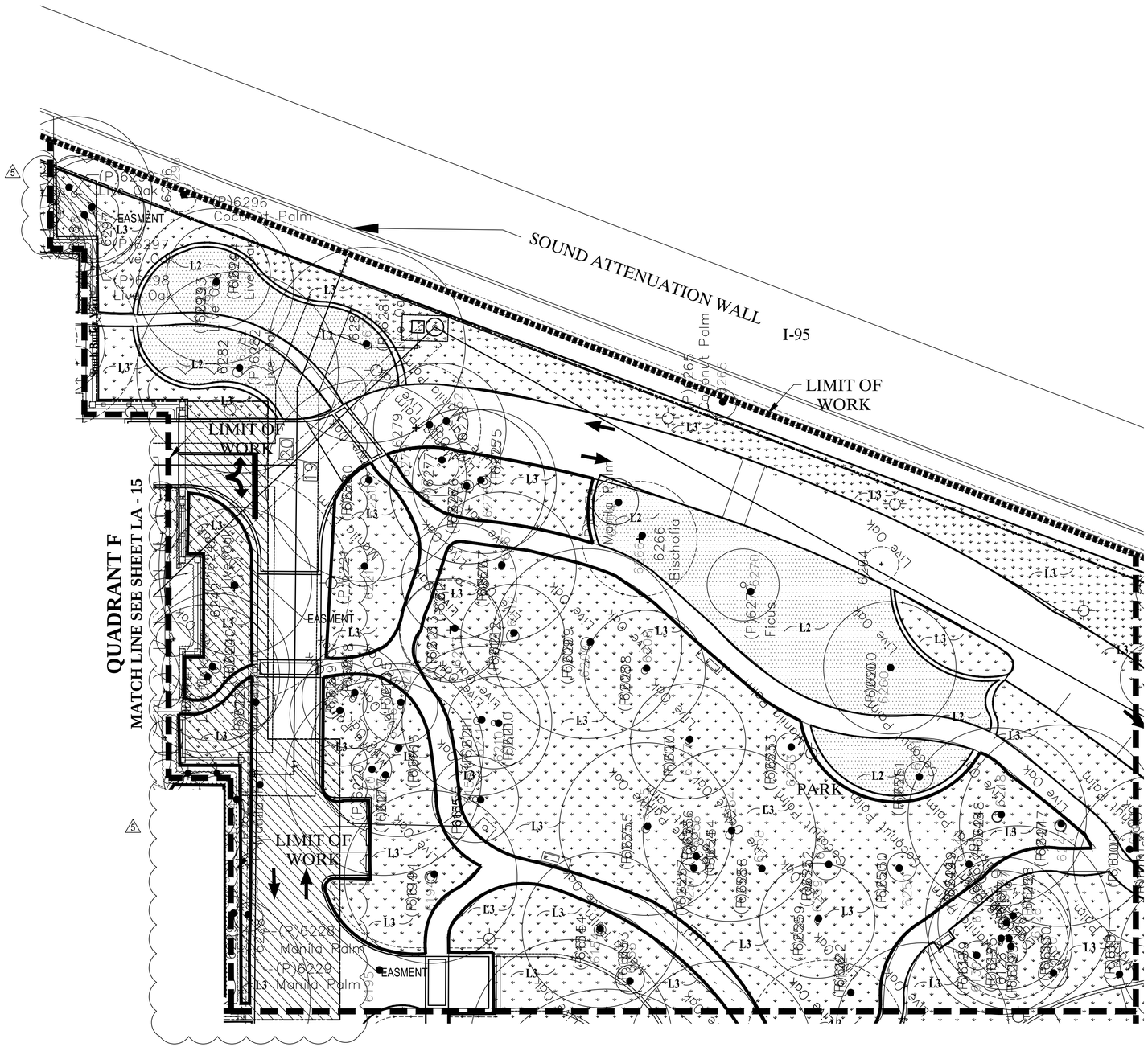
TITLE: Quadrant B Park Site Planting

DATE: 07-01-2014

SCALE: 1" = 20'

DRAWING NO.: LA-23



TREE LEGEND KEY

- Indicates interior trees.
- Indicates parking interior trees.
- Indicates perimeter trees.

General Planting Notes:

- The City Landscape Reviewer must be notified prior to any changes In approved landscape materials.
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- Mulch: See key legend this sheet for mulch types. Min of 3" layer is required.
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Key Legend:

(P) - Indicates existing tree to be preserved

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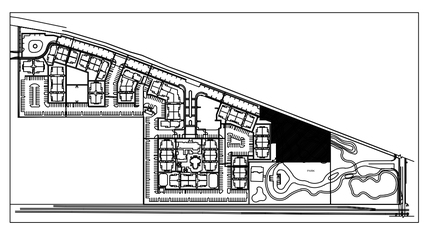
Note: All planting beds and tree saucers are to be mulched with sterilized Melaleuca mulch or approved equal as required/ min 3" deep (after initial watering-in)

Note: See sheets LA-2, 3, & 4 for existing tree disposition lists (trees to be preserved, relocated, or removed)



N KEY PLAN

QUADRANT C: PARK SITE PLANTING

REVISIONS

1. Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2. Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3. Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
4. Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF
5. Rev. 5 1-15-2015 ADDED PARK MAIN ENTRY GATES & NORTH PROPERTY LINE EASEMENT

Sheridan Station
A Transit Oriented Development
Hollywood, Florida

SEAL

GEORGE ALEX KNIGHT, ASLA
FL. LANDSCAPE ARCHITECT
FL. REG. NO. 949

ALEX KNIGHT
FL. REG. 949
LANDSCAPE ARCHITECTURE AND PLANNING
11843 SW 7th STREET
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TITLE: Quadrant C Park Site Planting

DATE: 07-01-2014

SCALE: 1" = 20'

DRAWING NO.: LA-24

Planting Notes:
(see plant specifications and details for additional standards)

All plant material is to be Florida number 1 or better.
Planting plans shall take precedence over plant list in case of discrepancies.
Trees will be guaranteed for one year from date of acceptance. Shrubs will be guaranteed for three months from acceptance.
No Changes are to be made without prior consent of the Landscape Architect and Owner. Additions and/or deletions to plant material list will be issued through an authorized change order only.
All existing invasive plant material and other undesirables are to be removed as per the Landscape Codes.
All mechanical equipment including but not limited to A/C units, irrigation pumps, FPL transformers, lift stations, backflow preventers and pool pump/ equipment must be screened on three sides by continuous landscape hedging. Such hedging, at the time of installment, must be the greater of the following two options...6" higher than the equipment being screened or the height specified in the approved landscape plans. In addition, all trash dumpsters and trash compactors must receive landscape screening as per the Landscape Codes. The landscape contractor is to include the aforementioned material as part of their contract along with any additional site amenities (i.e. free standing planters, pots, saucers, trellis, etc.)
All bed areas will receive one application of pre–emergent weed killer, Surflan and Gallery (or equivalent) mixed according to manufacturers recommendations.
All trees and palms shall receive (12) Agriform tablets at time of planting.
All plantings shall be properly fertilized at the time of installation with at least a minimum of (25%) organic 6–6–6 with trace element or better fertilizer. Fertilizer is to be applied per manufacturer's recommendations.
Guying/ staking practices shall not permit nails, screws, wires, etc. to penetrate outer surface of tree or palm. Trees or palm rejected due to this practice shall be replaced with inspector on site.
Grow bags, burlap material, wire cages, and plastic straps shall be cut and removed from rootball.
Street trees shall be a minimum of twelve (12) feet overall height with a spread of six (6) feet and a minimum of four and one half (4 ½) feet clear trunk immediately after installation. No street trees shall be closer than twenty five (25) feet from street lights or overhead utility lines.
Small trees shall be a minimum of eight (8) feet.
Palms trees minimum twelve (12) feet o.a. hgt.
Trees at intersection must have a minimum six (6) feet of clear trunk.
Hedges shall be a minimum of two (2) feet overall height spaced 18" on center at time of installation.
Hedges, at time of installation, shall be planted with branches touching, so as to create a solid screen with no visual spaces between plants.
Ground covers should be planted with a minimum of (75%) coverage, with (100%) coverage within one year.
All trees and palms are to be placed in a location in accordance with the requirements of the City Engineer in order to accommodate location of utilities and drainage easements.
No palms shall be located closer than (1 1/2) time the average mature frond length for the species from street lights or overhead utility lines.
As required, root barriers will be installed on appropriate shade trees to protect the sidewalk and utilities from root damage. The root barrier shall be installed as per manufacturer's recommendations. Root barriers shall be installed for trees planted less than (5) feet from curbs & sidewalks.
All soils used shall be suitable for the intended plant material.
Landscape islands shall be filled with clean fill and topsoil to at least to top of curb.
100%, to the top of the curb, using clean 50/50 soil amended with horticultural acceptable organic material. The source of the topsoil shall be known to the applicant and shall be acceptable to the City.
Topsoil: topsoil shall be clean and free of construction debris, weeds, rocks, noxious pests and diseases. The topsoil for planting areas shall be ammended with horticultural acceptable organic material. The source of the topsoil shall be known to the applicant and shall be acceptable to the Landscape COdes.
The minimum topsoil depth shall be six (6) inches for for ground covers, flowers, shrubs and hedges.
Trees shall receive twelve (12) inches of topsoil around and beneath the rootball.
In addition, all planting holes shall be twice the size of the rootball and will be backfilled with clean 50/50 soil amended with horticultural acceptable organic material. Planting beds shall have the entire bed area loosened and mixed with clean 50/50 soil amended with horticultural acceptable organic material.
Native topsoil on the site shall be retained on–site and used when there is sufficient quantity to cover at least some of the onsite landscape areas at least (12") deep.
Use of organic mulches: A three (3) inch minimum thickness of approved organic mulch material, after initial watering, shall be installed in all landscaped areas not covered by buildings, pavement, sod, decorative stones, preserved areas and annual flower beds.
Every tree and palm shall have a ring of organic mulch at the base of no less 18" beyond its trunk in all directions. (No cypress mulch allowed)
Berms with hedges or trees shall be a minimum of four (4) feet in height, and shall have a hedge of a minimum of twenty four (24) inches in height; providing a minimum overall height of six feet.
The height of a berm shall be measured from the crown of the closest adjacent right of way.

Maintenance Requirements:

All owner's of the land parcel which pertains to the landscape plans herein, or their agents, shall be responsible for the maintenance of all landscaping. This includes but is not limited to mowing, pruning, fertilizing and maintaining all material on–site including abutting rights of way, swales, lakes, and canal banks.
Landscaping shall be maintained in a good condition so as to present a healthy, neat and orderly appearance at least equal to the original installation and shall be mowed, trimmed and fertilized in a manner and at a frequency so as not to detract from the appearance of the general area.
Landscaping shall be maintained to minimize property damage and public safety hazards, including but not limited to, removal of living, dead or decaying plant material (this includes the replacement of any dead landscape material), removal of low hanging branches and those obstructing street lighting and maintenance of sight distance standards for clear sight visibility (as specified in the Landscape Code Manual).
All landscaping shall be maintained in accordance with the standards set in the Landscape Code Manual.
All juvenile Coconut fruit is to be removed from plant prior to maturity and mature lower Royal Palm fronds shall be removed prior to drop. Owner's maintenance company is to provide this service in addition to all general landscape maintenance as specified above.

General Notes:

All landscape areas are to be provided with an automatic sprinkler system, which is to provide 100% coverage and 50% overlap. A rain sensor device or switch shall be installed which will override the irrigation cycle of the system when adequate rainfall has occurred.
Landscape Contractor is to locate and verify all underground and overhead utilities prior to beginning work. Contact proper utility companies and/or General Contractor prior to digging for field verifications. The Owner and Landscape Architect shall not be responsible for damages to utility or irrigation lines.
Landscape Contractor is to verify all current drawings and bring any discrepancies to the attention of the Landscape Architect prior to commencing with any bids and/or installation work.
All palm bracing and tree guy wires are to be flagged with bright safety orange flagging tape and/or weather resistant orange spray paint during the recommended time period for the bracing to remain.
All unattended and unplanted tree pits are to be properly barricaded and flagged during installation.
All planting plans are issued as directives for site layout. Any deviations, site changes, etc., are to be brought to the attention of the Landscape Architect for clarifications prior to installation.
Contractors are responsible for visiting the site prior to submitting a bid.
Landscape Contractor is to coordinate with General Contractor all installation, scheduling and phasing of project. All crane service costs must be provided for in bid.
Any landscape trees and/or palms proposed in utility easement areas require a separation between trees and underground utilities as required by the City Engineer. Landscape Architect is to field verify and adjust locations.
The Landscape Contractor is to include as part of their contract the following: all plant material (as specified on landscape plans and in the planting notes), all soil (including berming, planting bed areas, backfill and topsoil), all sod (including on–site open areas, lake banks, canal and drainage easements, and right of ways), all mulch (including planting bed areas, tree/palm saucers and misc. mechanical equipment areas), all installation fees (including any necessary crane use) along with any additional site amenities (including but not limited to free–standing planters, pots, saucers, trellis, etc.)

NGBS Green Notes:

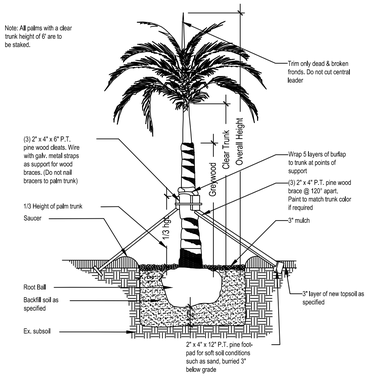
503.5 Landscape plan.

A landscape plan for the lot is developed to limit water and energy use while preserving or enhancing the natural environment.

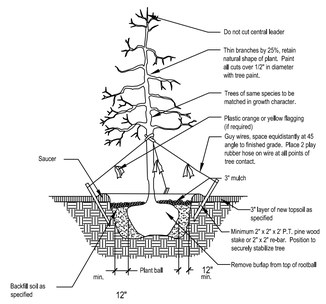
1. Where a lot is less than 50 percent turf, a plan is formulated to restore or enhance natural vegetation that is cleared during construction. Landscaping is phased to coincide with achievement of final grades to ensure denuded areas are quickly vegetated.
2. Turf grass species, other vegetation, and trees that are native or regionally appropriate for local growing conditions are selected and specified in the plant lists.
3. 20% to 40% of turf areas that is designed to be mowed is limited and shown on the landscape plan. The percentage is based on the landscaped area of the lot not including the home footprint, hardscape, and any undisturbed natural areas. Turf is of any type of grass that will be mowed.
4. Plants with similar watering needs are grouped (hydro zoning) and plant lists indicate plant drought tolerances . This practice applies to plants on the lot and the landscape plans indicate separation between drought tolerant plant beds and turf areas.
5. Site or community generated tree trimmings or stump grinding of regionally appropriate trees are used on the lot to provide protective mulch during construction or for landscaping.

504.2 Trees and vegetation.
Designated trees and vegetation are preserved by one or more of the following:

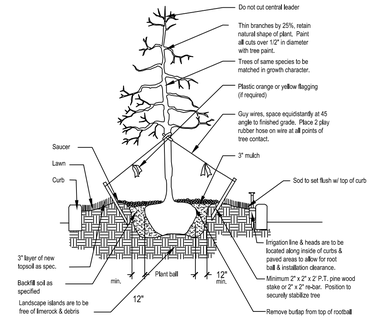
1. Fencing or equivalent is installed to protect trees and other vegetation. All designated trees and vegetation on the lot or adjacent to the lot that might be disturbed by the construction must be protected.
2. Trenching, significant changes in grade, and compaction of soil and critical root zones in all "tree save" areas as shown on the landscape plan are avoided. Existing tree disposition and inventory plans indicate existing trees that are to remain, be relocated and removed.
3. Damage to designated existing trees and vegetation is mitigated during construction through pruning, root pruning, fertilizing, and watering. Besides evidence that all appropriate measures above has been implemented, the designated trees and vegetation must be healthy on completion of the project. Designated trees are trees existing on the lot before construction began.



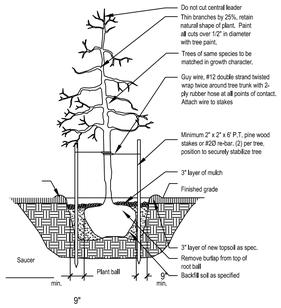
LARGE PALM DETAIL
(STRAIGHT TRUNK PALM)



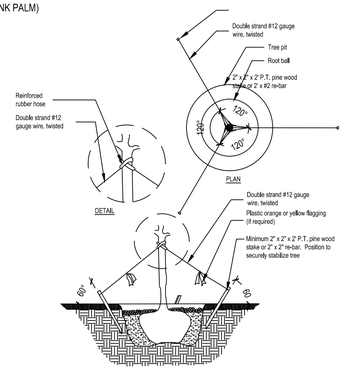
LARGE TREE DETAIL



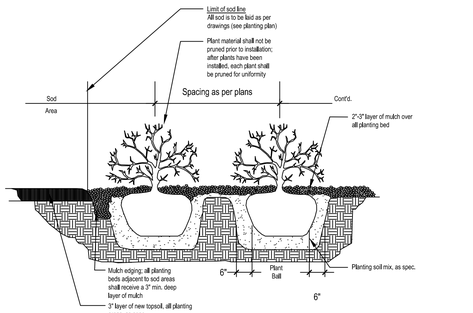
PARKING ISLAND TREE DETAIL



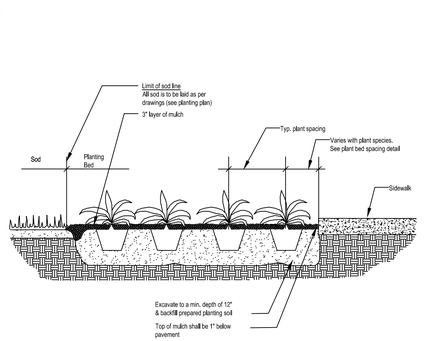
SMALL TREE DETAIL



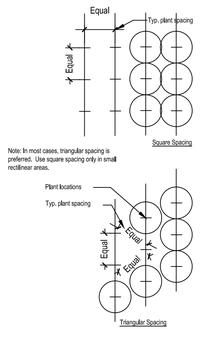
TYPICAL TREE GUYING DETAIL



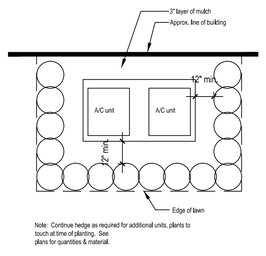
TYPICAL SHRUB DETAIL



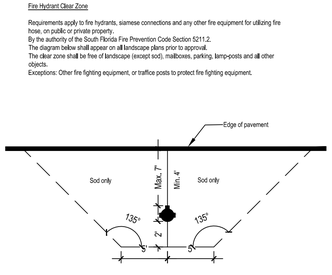
TYPICAL GROUND COVER DETAIL



PLANT BED SPACING DETAIL



A/C UNIT SCREENING DETAIL



FIRE HYDRANT CLEAR ZONE

NOTE:

- Landscape contractor shall verify locations of all underground utilities, above ground equipment (meters, backflow preventer's, A/C, FPL transformers, etc.) sanitary laterals. And clean outs in field for each building prior to any digging and installation.
- Plant material installation is to maintain a 10' clearance away from aforementioned utilities and equipment. Only lawn is allowed within the 10' clearance area. Service connection locations vary from building to building. Adjust plant material accordingly around each clear zone on site. Lawn is only allowed over easements.
- Clearances of seven and one half feet (7'-6") in front of and to the sides of fire hydrants, with four feet (4' ft.) clearance to the rear of hydrants shall be maintained.
- A root barrier is required for trees planted closer than five (5') from a sidewalk, street, or structure, a root barrier (s) shall be installed. Root barriers for trees shall be installed along the edge of structures, walkways, paving or curbs. The root barrier shall be a minimum of twenty four (24"0 deep, but depending on the size, location, and species of the tree/ palm to be planted, a larger barrier may be required. All root barriers shall be linear. The root barrier shall be installed with twenty (20') linear feet, centered from the trunk for large trees and fifteen (15') feet for smaller trees.
- For poor on site drainage, all tree/ palm planting pits are to have a 6" diam. augured tree sump at the base of each tree pit to a minimum depth of 24". Tree sump is to be filled with #57 crushed gravel and a filter fabric placed at the complete base of the pit prior to the installation of the tree/ palm.
- The will be provided with an automatic irrigation system with 100% coverage and 50% overlap. A moisture sensor is required. Water source for the system is from off site non-potable reclaimed water. Tap connection location TBD.

REVISIONS

1 Rev. 1 07-01-2014 REVISED AS PER ROUND 1 TAC COMMENTS
2 Rev. 2 08-18-2014 REVISED AS PER ROUND 2 TAC COMMENTS
3 Rev. 3 09-10-2014 REVISED AS PER ROUND 3 TAC COMMENTS & PARK LANDSCAPE VALUE ENGINEERING
4 Rev. 4 11-13-2014 GENERAL PARK REVISIONS AS PER COORDINATION W/ CITY STAFF

Sheridan Station
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TITLE: Planting Details & Notes

DATE: 07-01-2014

SCALE: N.T.S.

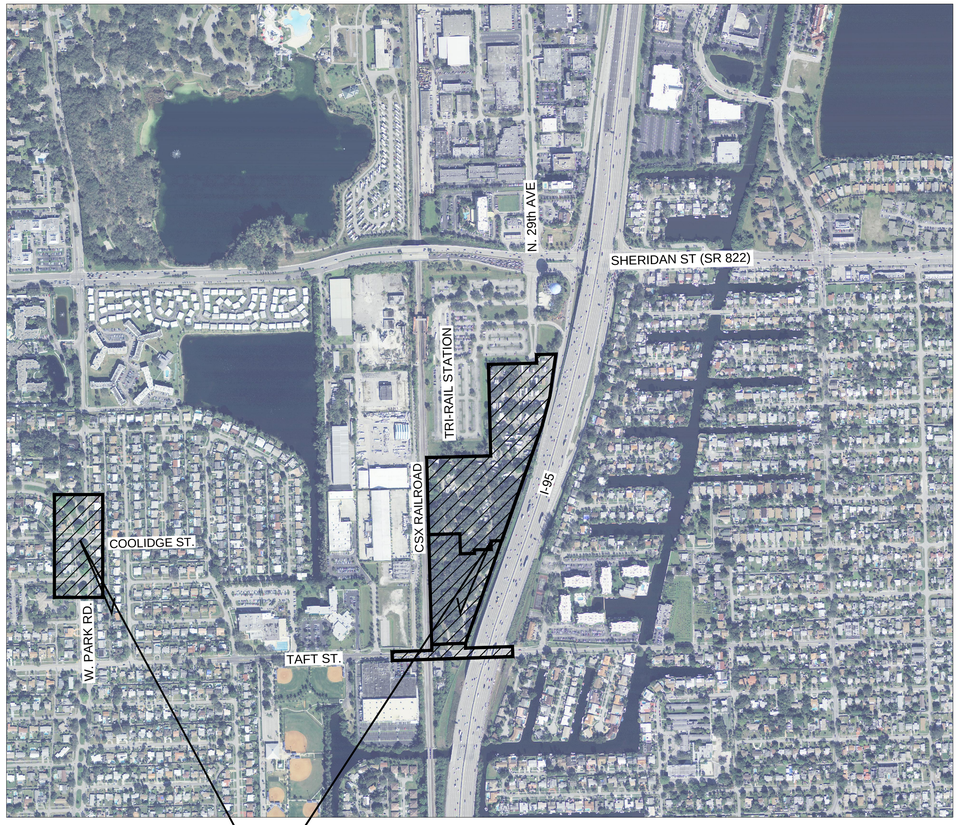
DRAWING NO.: LA-25

Sheridan Station

HOLLYWOOD, FLORIDA

SECTION 09, TOWNSHIP 51, RANGE 42

JANUARY 2015



VICINITY MAP
1"=500'

PROJECT TEAM

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CONTACT: ERAN LANDRY

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PHONE: (954) 967-4248

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CONTACT: JONATHAN VOGT, CITY ENGINEER

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POMPANO BEACH, FLORIDA 33069
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HOLLYWOOD, FL 33022
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TRANSPORTATION
FLORIDA DEPT. OF TRANSPORTATION
3400 WEST COMMERCIAL BLVD.
FT. LAUDERDALE, FL 33309
PHONE: (954) 777-4383

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2600 HOLLYWOOD BLVD.
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TECO PEOPLES GAS
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(954) 453-0812

TELEPHONE PROVIDER
AT&T
6451 N. FEDERAL HIGHWAY
FORT LAUDERDALE, FLORIDA 33308
PHONE: (954) 928-4065

CABLE PROVIDER
COMCAST CABLE
2601 SW 145TH AVE
MIRAMAR, FL 33027
PHONE: (954) 447-8405

Sheet List Table

Sheet Number	Sheet Title
C-100	COVER SHEET
~~C-100~~	~~COVER SHEET-RESIDENTIAL~~
~~C-100~~	~~COVER SHEET - PUBLIC PARK~~
C-101	GENERAL NOTES
C-200	EROSION CONTROL NOTES
C-201	EROSION CONTROL PLAN
C-202	EROSION CONTROL PLAN
C-203	EROSION CONTROL DETAILS
C-300	DEMOLITION NOTES
C-301	DEMOLITION PLAN
C-302	DEMOLITION PLAN
C-303	DEMOLITION PLAN
~~C-490~~	~~HORIZONTAL CONTROL PLAN~~
~~C-491~~	~~HORIZONTAL CONTROL PLAN~~
~~C-492~~	~~HORIZONTAL CONTROL PLAN~~
C-500	SIGNAGE AND MARKING PLAN
C-501	SIGNAGE AND MARKING PLAN
C-502	SIGNAGE AND MARKING PLAN
C-600	DRAINAGE PLAN
C-601	DRAINAGE PLAN
C-602	DRAINAGE PLAN
~~C-603~~	~~DRAINAGE PROFILES~~
~~C-604~~	~~DRAINAGE PROFILES~~
~~C-605~~	~~DRAINAGE PROFILES~~
~~C-606~~	~~DRAINAGE PROFILES~~
C-607	PAVING AND GRADING PLAN
C-608	PAVING AND GRADING PLAN
C-609	PAVING AND GRADING PLAN
C-610	PAVING AND GRADING PLAN
C-611	TYPICAL ROADWAY SECTIONS
C-612	TYPICAL ROADWAY SECTIONS
C-613	DRAINAGE AND PAVING DETAILS
C-614	DRAINAGE AND PAVING DETAILS
~~C-615~~	~~STORM CHAMBER DETAILS~~
C-700	WATER AND SEWER NOTES
C-701	WATER AND SEWER PLAN
C-702	WATER AND SEWER PLAN
C-703	WATER AND SEWER PLAN
~~C-704~~	~~CONFLICT TABLE~~
~~C-705~~	~~SEWER PROFILES~~
~~C-706~~	~~SEWER PROFILES~~
~~C-707~~	~~SEWER PROFILES~~
~~C-708~~	~~WATER PROFILES~~
~~C-709~~	~~WATER PROFILES~~
C-710	PUMP STATION DETAILS
C-711	WATER AND SEWER DETAILS
C-712	WATER AND SEWER DETAILS
C-713	WATER AND SEWER DETAILS
C-714	WATER AND SEWER DETAILS
C-800	TAFT STREET COVER SHEET
C-801	TAFT STREET GENERAL NOTES
C-802	TAFT STREET DEMOLITION AND EROSION CONTROL PLAN
C-803	TAFT STREET HORIZONTAL CONTROL PLAN
C-804	TAFT STREET PAVING, GRADING, AND DRAINAGE PLAN
~~C-805~~	~~TAFT STREET CROSS SECTIONS~~
C-806	TAFT STREET SIGNAGE AND MARKING PLAN
C-900	COVER SHEET-WEST PARK ROAD IMPROVEMENTS
C-901	GENERAL NOTES-WEST PARK ROAD IMPROVEMENTS
C-902	EROSION CONTROL AND DEMOLITION NOTES-WEST PARK ROAD IMPROVEMENTS
C-903	EROSION CONTROL AND DEMOLITION PLAN-WEST PARK ROAD IMPROVEMENTS
C-904	HORIZONTAL CONTROL AND SIGNING AND MARKING PLAN-WEST PARK ROAD IMPROVEMENTS
C-905	ENGINEERING PLAN-WEST PARK ROAD IMPROVEMENTS

PREPARED BY

Kimley»Horn
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600 N. PINE ISLAND RD, SUITE 450, PLANTATION, FL 33309
PHONE (954) 535-5100
WWW.KIMLEY-HORN.COM CA 00000696

Always call 811 two full business days before you dig
Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn
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PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT	043105002
DATE	11/24/2014
SCALE	AS SHOWN
DESIGNED BY	SE
DRAWN BY	SE
CHECKED BY	CF

COVER SHEET

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-100

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-100 COVER SHEET November 24, 2014 06:12:42pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-100 COVER SHEET.dwg
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Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-101 GENERAL NOTES January 15, 2015 12:58:34pm K:\FTL_Civil\043_Jobs\043105002-RAM Sheridan Station\Multi-Family\CADD\Plan Sheets\C-101 GENERAL NOTES.dwg
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GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE CITY OF HOLLYWOOD, FLORIDA PUBLIC WORKS MANUAL, THE BROWARD COUNTY PUBLIC WORKS MANUAL, AND SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), THE FLORIDA BUILDING CODE, AND ALL OTHER LOCAL, COUNTY, STATE, AND FEDERAL STANDARDS GOVERNING THE PROPOSED WORK.AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY. GEOTECHNICAL AND ENVIRONMENTAL REPORTS ARE AVAILABLE FOR REVIEW.
4. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AA APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
8. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
9. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE OWNER, ENGINEER OF RECORD AND APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTY DURING CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PROPOSED IMPROVEMENTS. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
15. PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
    - SWEEP THE ENTIRE SITE
    - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
    - PRESSURE CLEAN THE SITE ASPHALT
    - PRESSURE CLEAN THE CURBS, SIDEWALKS, AND CONCRETE PAD AT THE DRIVE THRU

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES OR DRAINAGE STRUCTURES TO REMAIN.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
5. ALL EARTHEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE ENGINEER PRIOR TO ANY EXCAVATION.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE EARTHEN AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
17. SOD, WHERE CALLED FOR, MUST BE INSTALLED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
19. THE CONTRACTOR SHALL ENSURE THAT PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

SURVEY DATA

1. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD). COORDINATES ARE BASED ON 0901-FLORIDA EAST STATE PLANE COORDINATE SYSTEM.
2. ALL EXISTING CONTROL POINTS AND/OR REFERENCE MARKERS SHALL BE RAISED TO FINAL GRADE. THESE POINTS AND REFERENCE MARKERS SHALL BE LOCATED AND NOTED ON THE AS-BUILTS.
3. THE LOCATION OF EXISTING RIGHT-OF-WAY LINES, CENTERLINES, ROADWAY PAVEMENT, UTILITIES, TREES, AND OTHER PHYSICAL ABOVE-GROUND FEATURES SHOWN ON THE PLANS WERE TAKEN FROM THE ALTA/A CSM LAND TITLE BOUNDARY SURVEY PREPARED BY:
   CALVIN GIORDANO & ASSOCIATES, INC.
   1800 ELLER DRIVE, SUITE 600
   FT. LAUDERDALE, FL 33316
   PHONE: 954-921-7781 FAX: 954-921-8807
   CONTACT: GREGORY J. CLEMENTS, P.S.M.
4. ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE OF SURVEY/CONSTRUCTION BASELINE.
5. EXISTING SECTION CORNERS AND ¼ SECTION CORNERS, AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REPLACED IF DISTURBED BY THE CONTRACTOR AT DIRECTION OF A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
6. ANY NGVD - 1929 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY:
   GEODETIC INFORMATION CENTER
   ATTN: MARK MAINTENANCE SECTION N/CG-162
   6001 EXECUTIVE BLVD.,
   ROCKVILLE, MARYLAND 20852
   TELEPHONE NO. (301) 443-8319

WATER AND SEWER UTILITY NOTES

1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
13. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
14. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
15. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

EROSION CONTROL NOTES (CONT.)

17. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
18. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
19. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
20. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

PAVEMENT MARKINGS NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX # 17346, WHERE SHOWN ON THE PLANS
2. WHERE THE PLANS CALL FOR PAINTED PAVEMENT MARKINGS, INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 710 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING: CONTRACTOR TO APPLY TWO COATS OF VOC COMPLIANT, LOCAL DOT DOT APPROVED, UNDILUTED, SOLVENT BASED OR LATEX TRAFFIC PAINT. CONTRACTOR TO FOLLOW MANUFACTURER'S RECOMMENDED APPLICATION RATE WITHOUT THE ADDITION OF A THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED PROVIDING MINIMUM 15 MILS WET FILM THICKNESS AND 7.5 MILS DRY FILM THICKNESS PER COAT WITH MINIMUM OF 30 DAYS BETWEEN APPLICATIONS. SECOND COAT OF PAINT SHALL NOT BE APPLIED EARLIER THAN 7 DAYS PRIOR TO GRAND OPENING. PAINT SHALL BE CRISP, STRAIGHT AND APPLIED UNIFORMLY ACROSS THE WIDTH OF A LINE FOR A TOTAL DRY FILM THICKNESS OF 15 MILS.
3. ALL PAVEMENT SYMBOLS AND MARKINGS ARE TO BE THERMOPLASTIC WITH THE EXCEPTION OF PARKING STRIPING. THERMOPLASTIC INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 711 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SE

BEST MANAGEMENT PRACTICES (BMPS):

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE BROWARD COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17-25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 40D-4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R-92-005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

A. PREVENT LOSS OF SOIL DURING CONSTRUCTION BY STORMWATER RUNOFF AND/OR WIND EROSION, INCLUDING PROTECTING TOPSOIL BY STOCKPILING FOR REUSE.

B. SEDIMENTION PROTECTION OF STORM SEWER OR RECEIVING STREAM.

C. PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. ALSO IDENTIFIED IS A CROSS-REFERENCE TO A DIAGRAM OR FIGURE REPRESENTING THE TECHNIQUE. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE PROJECT LUMP SUM COST.

GENERAL EROSION CONTROL NOTES:

A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THESE EROSION CONTROL DRAWINGS, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

1. FUEL SPILLS AND LEAKS PREVENTION
2. PREVENT/REDUCE VEHICLE AND EQUIPTMENT WASHING AND STEAM CLEANING
3. VEHICLE AND EQUIPTMENT MAINTENANCE AND REPAIR
4. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS
5. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY-PRODUCTS
6. SOLID WASTE MANAGEMENT
7. HAZARDOUS WASTE MANAGEMENT
8. CONCRETE WASTE MANAGEMENT
9. SANDBLASTING WASTE MANAGEMENT
10. STRUCTURE CONSTRUCTION AND PAINTING
11. SPILL PREVENTION AND CONTROL
12. CONTAMINATED SOIL MANAGEMENT
13. SANITARY/SEPTIC WASTE MANAGEMENT
14. SOIL EROSION CONTROL
15. STORM WATER TURBIDITY MANAGEMENT

ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

D. BEST MANAGEMENT PRACTICES (BMPS) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.

E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.

F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.

G. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERIMETER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERIMETER CONTROLS ARE IN PLACE. PERIMETER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.

H. GENERAL EROSION CONTROL BMPS SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVE-INS. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION.

I. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.

J. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BMP'S IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.

STORM WATER EROSION CONTROL PRACTICES:

A. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

B. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

C. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (COMPOST SOCK DEVICES, ETC.) TO PREVENT EROSION.

D. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.

E. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:

1. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
2. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.
3. WHEN NEEDED A TEMPORARY SEDIMENT TRAP SHOLD BE CONSTRUCTED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS.

F. SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.

G. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.

H. SOD SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.

I. WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.

J. FILTER FABRIC SHOULD BE USED FOR STORM DRAIN INLET PROTECTION BEFORE FINAL STABILIZATION.

WIND EROSION CONTROL PRACTICES:

A. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:

1. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
2. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED (SEE PERMANENT STABALIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUNDCOVER (SEE TEMPORARY STABALIZATION PRACTICES FOR DETAILS).
3. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6-FT GEOTEXTILE FILTER FIBER SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.

B. ALL DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

STABILIZATION PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO 62-621.300(4)(a)

STRUCTURAL PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO 62-621.300(4)(a)

WASTE DISPOSAL:

A. WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

B. HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

C. SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

D. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

OFFSITE TRACKING:

A. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

B. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATION PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.

C. ALL WASH WATER FROM CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED ON SITE AND SHALL BE PROPERLY TREATED OR DISPOSED.

D. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.

E. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

MAINTENANCE:

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

A. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

B. B.ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

C. THE COMPOST ROCK FILTRATION DEVICE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF DEVICE. COMPOST SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE COMPOST SOCK WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE COMPOST SOCK.

D. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

E. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

F. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.

G. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION.DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

H. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

I. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

J. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

K. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

A. GOOD HOUSEKEEPING

1. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.
2. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.
3. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.
4. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.
5. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.
6. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

B. HAZARDOUS PRODUCTS

1. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.
2. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

C. PRODUCT SPECIFIC PRACTICES

1. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.
2. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
3. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.
4. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CLEAN UP:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED ABOVE, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

A. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

B. THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

C. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ONSITE AND READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.

D. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

E. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

F. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

G. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

H. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE CITY OF HOLLYWOOD, FLORIDA PUBLIC WORKS MANUAL, THE BROWARD COUNTY PUBLIC WORKS MANUAL, AND SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), THE FLORIDA BUILDING CODE, AND ALL OTHER LOCAL, COUNTY, STATE, AND FEDERAL STANDARDS GOVERNING THE PROPOSED WORK.AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY. GEOTECHNICAL AND ENVIRONMENTAL REPORTS ARE AVAILABLE FOR REVIEW.
4. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AA APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
8. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
9. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE OWNER, ENGINEER OF RECORD AND APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTY DURING CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PROPOSED IMPROVEMENTS. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
15. PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
    - SWEEP THE ENTIRE SITE
    - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
    - PRESSURE CLEAN THE SITE ASPHALT
    - PRESSURE CLEAN THE CURBS, SIDEWALKS, AND CONCRETE PAD AT THE DRIVE THRU

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MATCHLINE SEE SHEET C-202 FOR CONTINUATION

EXIST. CORAL ROCK HOUSE TO REMAIN AND BE PROTECTED AT ALL TIMES

PROP. CHAIN LINK CONSTRUCTION FENCE WITH DUST SCREEN (TYP.) SEE SHEET C-203 FOR DETAILS

PROP. SEDIMENT CONTROL SILT FENCE (TYP.) SEE SHEET C-203 FOR DETAILS

PROP. CHAIN LINK CONSTRUCTION FENCE WITH DUST SCREEN (TYP.) SEE SHEET C-203 FOR DETAILS

PROP. SEDIMENT CONTROL SILT FENCE (TYP.) SEE SHEET C-203 FOR DETAILS

PROP. DETENTION AREA FOR TRUCK WASH DOWN. CONTRACTOR TO PROVIDE TRUCK WASH DOWN FACILITIES

PROP. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SEE DETAIL 2 SHEET C-203

FILTREX SEDIMENT CONTROL (OR APPROVED EQUAL) SEE DETAIL 4 SHEET C-203

PROP. GATE

CSX RAILROAD

INTERSTATE 95

TAFT STREET

GRAPHIC SCALE IN FEET
0 30 60 120

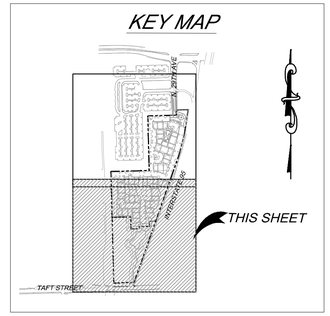
LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- FILTREX INLET PROTECTION OR APPROVED EQUAL
- SILT FENCE SEDIMENT CONTROL DETAIL
- PROP. 6' CHAIN LINK CONSTRUCTION FENCE WITH DUST SCREEN (±5,205 LF)
- STABILIZED CONSTRUCTION ENTRANCE
- DROP INLET SEDIMENT BARRIER FILTREX SEDIMENT CONTROL OR APPROVED EQUAL

NOTES:

1. SEE SHEET C-203 FOR EROSION CONTROL DETAILS
2. CONTRACTOR TO REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN AND BE PROTECTED.

KEY MAP



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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002		
DATE	1/13/2015	
SCALE	AS SHOWN	
DESIGNED BY	SE	
DRAWN BY	SE	
CHECKED BY	CF	

EROSION CONTROL PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-201

Plotted By:Kiewer, Allie Sheet Set:RAM SHERIDAN STATION Layout:C-201 EROSION CONTROL PLAN January 15, 2015 01:20:46pm K:\FTL_Civil\043_Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-202 EROSION CONTROL PLAN.dwg
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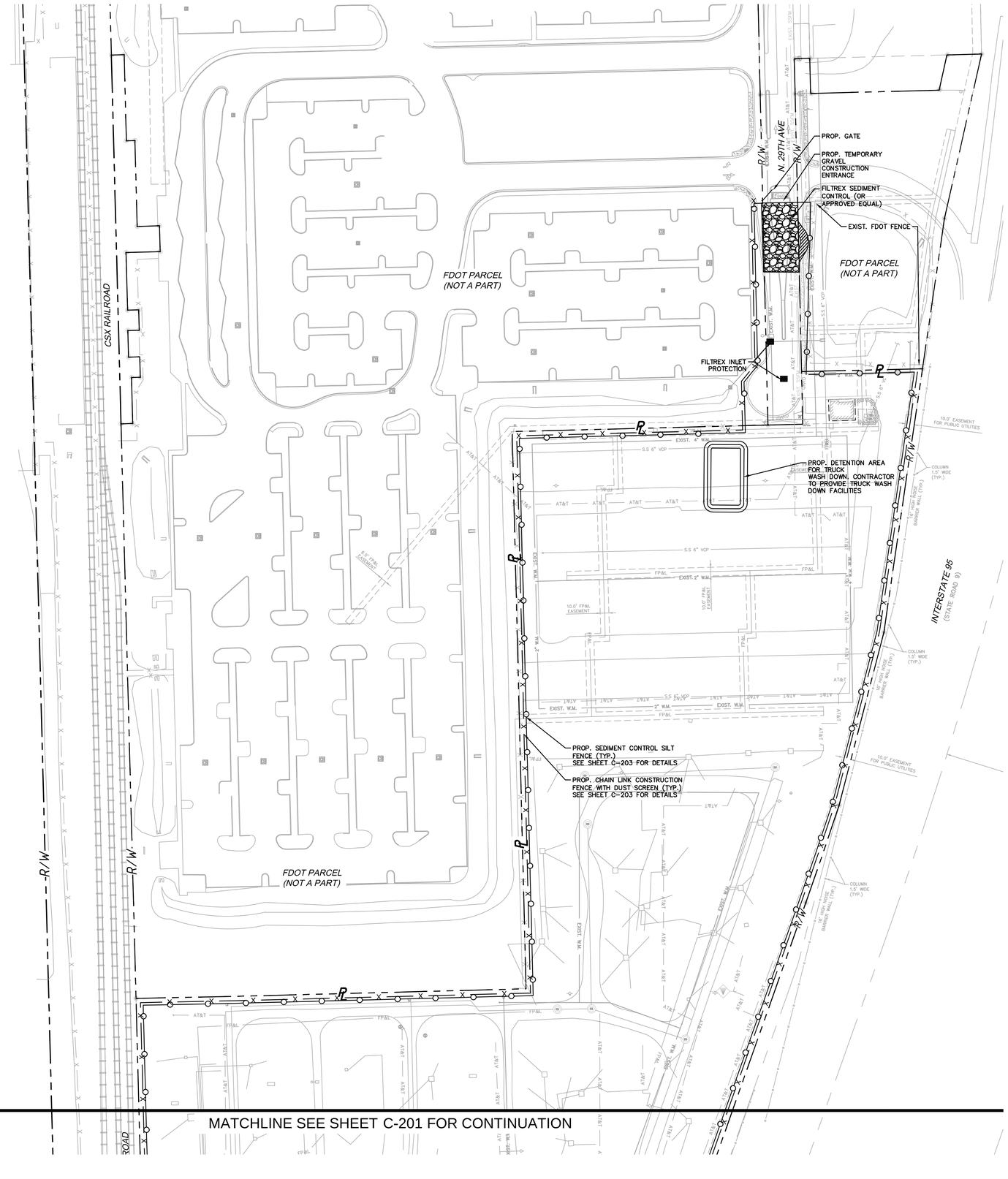


GRAPHIC SCALE IN FEET
0 30 60 120

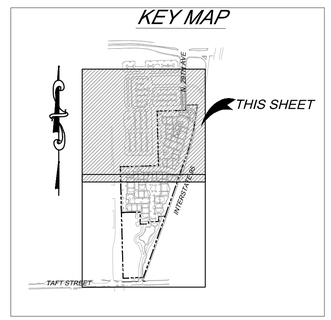
LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- FILTREX INLET PROTECTION OR APPROVED EQUAL
- SILT FENCE SEDIMENT CONTROL DETAIL
- PROP. 6' CHAIN LINK CONSTRUCTION FENCE WITH DUST SCREEN (±5,205 LF)
- STABILIZED CONSTRUCTION ENTRANCE
- DROP INLET SEDIMENT BARRIER FILTREX SEDIMENT CONTROL OR APPROVED EQUAL

NOTES:

1. SEE SHEET C-203 FOR EROSION CONTROL DETAILS
2. CONTRACTOR TO REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN AND BE PROTECTED.

KEY MAP



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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT	043105002
DATE	1/13/2015
SCALE	AS SHOWN
DESIGNED BY	SE
DRAWN BY	SE
CHECKED BY	CF

EROSION CONTROL PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-202

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-202 EROSION CONTROL PLAN January 15, 2015 12:59:29pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-202 EROSION CONTROL PLAN.dwg
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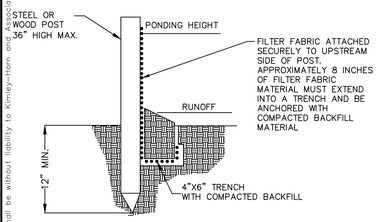
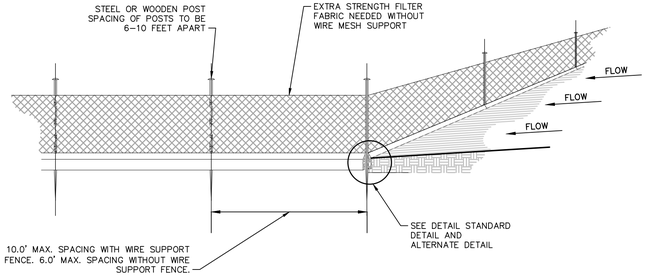
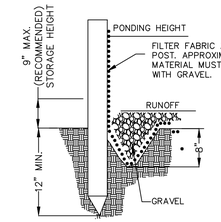


STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

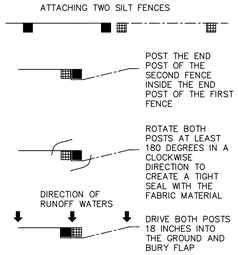




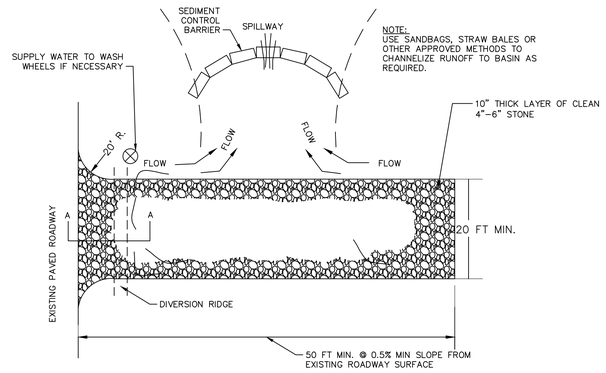
ALTERNATE DETAIL
TRENCH WITH GRAVEL

NOTE:

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



1 SILT FENCE SEDIMENT CONTROL DETAIL
N.T.S.

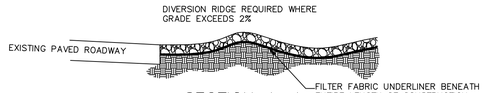


PLAN VIEW

NOTE:
USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.

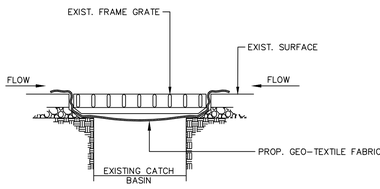
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



SECTION A-A

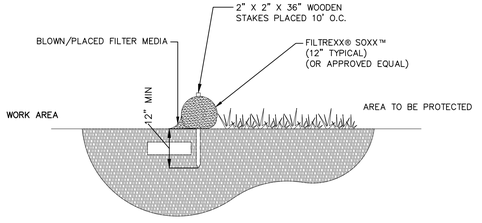
2 STABILIZED CONST. ENTRANCE
N.T.S.



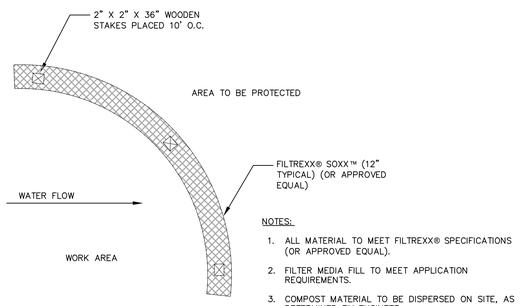
NOTES:

1. CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIER AND AS NECESSARY REPLACE OR REPAIR AS REQUIRED. SPECIFICALLY AFTER STORM EVENTS AND LARGE RAINFALL EVENTS.
2. SEDIMENTATION AND DEBRIS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN AUTHORIZED OFF-SITE DISPOSAL FACILITY.

3 DROP INLET SEDIMENT BARRIER
N.T.S.



SECTION

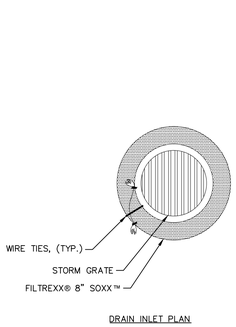


PLAN

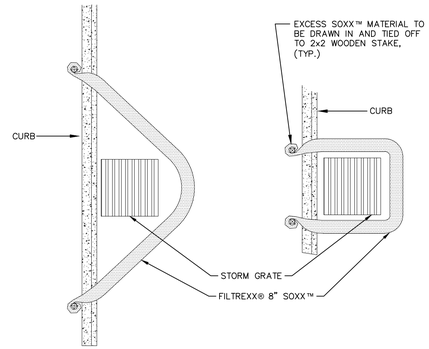
NOTES:

1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS (OR APPROVED EQUAL).
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

4 FILTREXX ® SEDIMENT CONTROL (OR APPROVED EQUAL)
N.T.S.

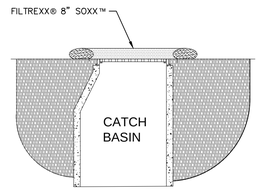


DRAIN INLET PLAN

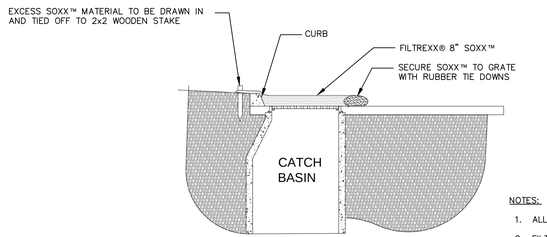


CURBSIDE OPTION "A" PLAN

CURBSIDE OPTION "B" PLAN



DRAIN INLET SECTION

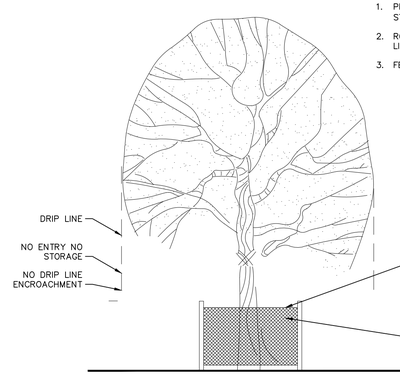


CURBSIDE SECTION

NOTES:

1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

5 FILTREXX ® INLET PROTECTION (OR APPROVED EQUAL)
N.T.S.



NOTES:

1. PROTECTION SIGNAGE IS REQUIRED (NO ENTRY/NO STORAGE)
2. ROOT DRAINAGE IS TO BE AVOIDED WITHIN THE DRIP LINE.
3. FENCE SHALL BE THROUGHOUT CONSTRUCTION.

6 TREE PRESERVATION BARRICADE FENCING DETAIL
N.T.S.

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002	DESIGNED BY SE
DATE 1/13/2015	DRAWN BY SE
SCALE AS SHOWN	CHECKED BY CF

EROSION CONTROL DETAILS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-203

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-203 EROSION CONTROL DETAILS January 15, 2015 12:59:36pm K:\FTL_Civil\043 Jobs\043105002-RAM SHERIDAN STATION\Civil\Plan Sheets\C-203 EROSION CONTROL DETAILS.dwg
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CIVIL RELATED DEMOLITION NOTES AND SPECIFICATIONS:

SHOULD ANY SECTION OF THESE DEMOLITION NOTES BE IN DIRECT CONFLICT WITH THE PROVISIONS OR TECHNICAL SPECIFICATIONS CONTAINED IN THE CONTRACT DOCUMENT FOR THIS PROJECT, THE INTENT OF THE CONTRACT DOCUMENT SHALL GOVERN.

I. GENERAL

FOR THIS PROJECT, "OWNER" SHALL MEAN RAM DEVELOPMENT COMPANY, INC. "SURVEY" SHALL MEAN THE BOUNDARY SURVEY PREPARED BY CALVIN GIORDANO AND ASSOCIATES, INC. ON 02/05/2014 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER:4479 AND "ENGINEER" SHALL MEAN THE ENGINEER OF RECORD.

1. EXISTING CONDITIONS, UTILITIES, STRUCTURES AND OTHER IMPROVEMENTS, AS SHOWN ON THE DEMOLITION DRAWINGS, WERE TAKEN FROM THE SURVEY, AND FROM INFORMATION PROVIDED BY UTILITY COMPANIES. AN ATTEMPT HAS BEEN MADE TO SHOW ALL EXISTING STRUCTURES, UTILITIES, DRIVES, WALKS, ETC., IN THEIR APPROXIMATE LOCATION. OTHERS MAY EXIST AND MAY BE FOUND UPON VISITING THE SITE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE ALL FACILITIES AND TO DETERMINE THEIR EXTENT. IF SUCH FACILITIES OBSTRUCT THE PROGRESS OF THE WORK AND ARE NOT INDICATED TO BE REMOVED OR RELOCATED, THEY SHALL BE REMOVED OR RELOCATED ONLY AS DIRECTED BY THE OWNER, ARCHITECT, OR ENGINEER OF RECORD, AT NO ADDITIONAL COST TO THE OWNER.

2. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.

3. ORGANIZE AND PERFORM DEMOLITION WORK TO AVOID DAMAGE TO ITEMS INTENDED TO REMAIN, INCLUDING TREES (SEE LANDSCAPE PLANS FOR DETAILS).

4. DEMOLITION AND REMOVAL OPERATIONS SHALL BE CONDUCTED IN AN EXPEDIENT MANNER, WITH PRECAUTIONS TAKEN TO PREVENT THE DEMOLITION SITE FROM BEING A NUISANCE.

5. PERFORM REMOVAL AND DEMOLITION IN ACCORDANCE WITH DEMOLITION SCHEDULE (REFER TO SECTION IV.) AND TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT BUILDINGS, FURNISHINGS, AND EQUIPMENT. NOTIFY THE ENGINEER OF ANY CONDITIONS THAT MAY AFFECT THE SAFETY OF OCCUPANTS OF ADJACENT BUILDINGS, THE NORMAL USE OF THESE FACILITIES, OR THE PHYSICAL CONDITION OF THE STRUCTURES.

6. ALL EXISTING UTILITIES OUTSIDE THE PROPERTY BOUNDARIES ARE TO REMAIN, UNLESS OTHERWISE NOTED.

7. PRIOR TO DEMOLITION ACTIVITIES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL AFFECTED UTILITY COMPANIES IN ORDER TO COORDINATE THE DEACTIVATION OF ALL EXISTING UTILITY LINES WITHIN THE PROPERTY. ONCE ALL ONSITE UTILITIES HAVE BEEN DEACTIVATED, ALL LINES SHALL BE CUT AND CAPPED INSIDE THE PROPERTY LINE, AND REMOVED (UNLESS OTHERWISE INDICATED).

8. THE CONTRACTOR SHALL USE EXTREME CAUTION IN REMOVING ANY STRUCTURES AND UTILITIES ABOVE AND BELOW GRADE TO PREVENT DAMAGE TO EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE. ANY DAMAGE TO EXISTING PIPELINES, UTILITIES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED, AT THE CONTRACTOR'S EXPENSE, IN A MANNER ACCEPTABLE TO THE PARTY IN OWNERSHIP OF THE DAMAGED PROPERTY. THE CONTRACTOR SHALL REPORT ANY EXISTING DAMAGE PRIOR TO BEGINNING WORK. IN THE EVENT OF ACCIDENTAL DISRUPTION OF UTILITIES OR THE DISCOVERY OF PREVIOUSLY UNKNOWN UTILITIES, STOP WORK IMMEDIATELY AND NOTIFY THE AFFECTED UTILITY COMPANY AND THE ENGINEER. DO NOT CONTINUE WORK UNTIL THE UTILITY COMPANY, ENGINEER, AND CONTRACTOR AGREE ON A PLAN TO CORRECT THE SITUATION OR IDENTIFY THE UTILITY SERVICE LINE.

9. EXISTING WORK NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY REMOVED, DAMAGED, EXPOSED, OR IN ANY WAY DISTURBED OR ALTERED BY THE CONTRACTORS ACTIVITIES SHALL BE REPAIRED, PATCHED OR REPLACED, SOLELY AT THE CONTRACTOR'S EXPENSE, TO THE ENGINEER'S AND OWNER'S SATISFACTION.

10. TITLE AND RESPONSIBILITY TO MATERIALS AND EQUIPMENT TO BE REMOVED, EXCEPT SALVAGEABLE EQUIPMENT TO BE RETAINED BY THE OWNER, IS VESTED TO THE CONTRACTOR UPON RECEIPT OF NOTICE TO PROCEED. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITION, LOSS OR DAMAGE TO SUCH MATERIALS AND EQUIPMENT AFTER THE ISSUANCE OF THE NOTICE TO PROCEED.

11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO:
    - A. PROTECT ALL EXISTING STRUCTURAL AND VEGETATIVE ELEMENTS TO REMAIN DURING DEMOLITION UNLESS OTHERWISE SPECIFIED.
    - B. IF APPLICABLE, PATCH AND REPAIR ALL SURFACES WITHIN THE PUBLIC R/W AFFECTED BY DEMOLITION
    - C. SAW-CUT IN NEAT, STRAIGHT LINES, EXISTING CONC. OR ASPHALT PAVEMENT.
    - D. REMOVE ALL EXISTING IRRIGATION LINES WITHIN THE LIMITS OF DEMOLITION UNLESS OTHERWISE NOTED.
    - E. ALL EXISTING CHAIN LINK FENCES AND CBS WALLS ALONG THE PERIMETER OF THE PROPERTY SHALL REMAIN, UNLESS OTHERWISE SPECIFIED.
    - F. NO ELECTRIC POLES, STREET LIGHTS, WATER METERS/VALVES, FIRE HYDRANTS ETC. WILL BE REMOVED WITHIN THE ROADWAY RIGHT-OF-WAY, UNLESS OTHERWISE NOTED ON THE DEMOLITION PLANS.
    - G. REFER TO LANDSCAPE PLANS FOR VERIFICATION OF ALL EXISTING TREES TO BE REMOVED, RELOCATED OR TO REMAIN.
    - H. MAINTAIN ALL EXISTING SURVEY REFERENCES AND MARKERS IN PLACE, OTHERWISE THEY SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

II. DESCRIPTION

1. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, ETC., NECESSARY AND INCIDENTAL TO THE COMPLETION OF ALL SITE DEMOLITION AND CLEARING WORK AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING THE LEGAL TRANSPORT AND OFF-SITE DISPOSAL OF DEMOLITION DEBRIS.

2. ALL SITE WORK INCLUDES , BUT IS NOT LIMITED TO THE FOLLOWING:
    - A. FULL-DEPTH REMOVAL OF EXISTING SIDEWALKS, DRIVES, CURBS, AND PAVEMENT.
    - B. FULL DEPTH REMOVAL OF EXISTING BUILDING FOUNDATIONS, UNDERGROUND UTILITIES AND RELATED STRUCTURES.
    - C. CLEARING SITE OF VEGETATION AND TREES AS NOTED ON THE LANDSCAPE PLANS.
    - D. CLEARING SITE OF DEMOLITION DEBRIS.
    - E. REMOVAL FROM SITE AND DISPOSAL OF ALL EXCESS AND UNUSABLE MATERIAL.
    - F. COORDINATION WITH ALL UTILITY COMPANIES/OWNERS PRIOR TO DEACTIVATION OF EXISTING UTILITIES.

III. APPLICABLE CODES

1. DEMOLITION AND TRANSPORTATION OF DEBRIS SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS GOVERNING THESE OPERATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS, BONDS, LICENSES, ETC., REQUIRED FOR DEMOLITION AND CLEARING WORK.

2. ANY WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF HOLLYWOOD PUBLIC WORKS DEPARTMENT, AND OTHER GOVERNMENTAL AGENCIES WHO MAY HAVE JURISDICTION OF THE PUBLIC RIGHT-OF-WAY. SAID WORK SHALL NOT BEGIN UNTIL THE CONTRACTOR HAS OBTAINED ALL PERMITS AND NOTIFIED ALL THE GOVERNING AUTHORITIES.

IV. SEQUENCING AND SCHEDULING

1. AREAS ADJACENT TO DEMOLITION AND REMOVAL WORK MAY BE OCCUPIED AND THEIR ACTIVITIES CANNOT BE INTERRUPTED OR DISTURBED DURING NORMAL WORKING HOURS. DEMOLITION SCHEDULE SHALL BE COORDINATED WITH ALL ADJACENT PROPERTY OWNERS AND ANY OTHER PARTIES WHOSE DAILY ACTIVITIES WOULD BE AFFECTED BY THE DEMOLITION WORK.

2. COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR UTILITY LINE REMOVAL, CAPPING AND UTILITY SHUTDOWNS NECESSITATED BY REMOVAL WORK.

V. ENVIRONMENTAL PROTECTION

1. CONTROL AMOUNT OF DUST RESULTING FROM CONSTRUCTION OR DEMOLITION TO PREVENT SPREAD OF DUST TO OTHER BUILDINGS AND TO AVOID CREATION OF A NUISANCE IN SURROUNDING AREAS. USE OF WATER TO CONTROL DUST WILL NOT BE PERMITTED WHEN IT WILL RESULT IN, OR CREATE, HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING.

2. NOISE PRODUCING ACTIVITIES SHALL BE HELD TO A MINIMUM. INTERNAL COMBUSTION ENGINES AND COMPRESSORS, ETC., SHALL BE EQUIPPED WITH MUFFLERS TO REDUCE NOISE TO A MINIMUM. CONTRACTOR SHALL COMPLY WITH ALL NOISE ABATEMENT ORDINANCES.

3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.

4. DISPOSITION OF DEMOLISHED MATERIALS BY BURNING IS NOT PERMITTED.

5. ALL CLEARING SHALL BE PERFORMED IN A MANNER SUCH AS TO PREVENT ANY WASH-OFF OF SOILS AND DEBRIS FROM THE SITE INTO PUBLIC RIGHT-OF-WAY WATER BODIES, AND/OR STORM DRAINAGE SYSTEMS. APPROPRIATE SEDIMENTATION PONDS, DIKES, COLLARS, AND FILTER MEDIA SHALL BE EMPLOYED TO INSURE COMPLIANCE WITH THESE REQUIREMENTS. WHERE A SPECIFIC STATUTE GOVERNS THESE PROCEDURES, SUCH STATUTE SHALL BE COMPLIED WITH IN ITS ENTIRETY.

6. AT ALL TIMES DURING THE CLEARING OPERATION, THE EXPOSED AREAS OF SUBGRADE SHALL BE MAINTAINED IN A CONDITION COMPATIBLE WITH POSITIVE DRAINAGE OF THE WORK AREA. NO WATER WILL BE PERMITTED TO STAND IN OPEN EXCAVATIONS. ALL STORMWATER RUNOFF SHALL BE CONTAINED WITHIN THE SITE. FAILURE TO MAINTAIN SUCH DRAINAGE SHALL BE CONSIDERED ADEQUATE CAUSE TO ORDER TEMPORARY SUSPENSION OF THE WORK.

7. IF IT SHOULD BECOME NECESSARY TO STOP WORK FOR INDEFINITE PERIODS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE OR DETERIORATION OF THE WORK ALREADY PERFORMED, PROVIDE SUITABLE AND FUNCTIONAL DRAINAGE BY OPENING DITCHES, FILTER DRAINS, TEMPORARY CUT-OFF LINES, ETC., AND ERECT TEMPORARY PROTECTIVE STRUCTURES WHERE NECESSARY. ALL EMBANKMENTS SHALL BE BACK-BLADED AND SUITABLY SEALED TO PROTECT AGAINST ADVERSE WEATHER CONDITIONS.

8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN REMOVING ABANDONED AND DE-ENERGIZED MATERIALS. IF ASBESTOS PIPES ARE ENCOUNTERED, THE CONTRACTOR WILL TAKE ALL NECESSARY ABATEMENT STEPS AS REQUIRED BY GOVERNING REGULATIONS TO SAFELY REMOVE AND DISPOSE OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF SAID MATERIALS.

9. THE CONTRACTOR SHALL SECURE THE WORK AREA WITH FENCING OR OTHER MEANS AS APPROVED BY THE OWNER.

VI. TRAFFIC MAINTENANCE

1. THE CONTRACTOR SHALL FOLLOW FDOT MAINTENANCE OF TRAFFIC PROCEDURES DURING DEMOLITION IN PUBLIC RIGHT-OF-WAYS AND PRIVATE DRIVEWAYS, PEDESTRIANS PATHS, AND ROADWAYS (INDEX 600 SERIES), AND PREPARE AND OBTAIN APPROVAL OF SUCH MAINTENANCE OF TRAFFIC PLAN FROM THE APPROPRIATE REGULATORY AGENCY.

2. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING, SHORING, TEMPORARY CROSSOVER FOR PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING GUARDRAILS, LAMPS, WARNING SIGNS AND FLAGS AS REQUIRED BY AGENCIES HAVING JURISDICTION, AND SHALL NOT REMOVE THESE UNTIL THE NEED FOR PROTECTION CEASES.

3. THE CONTRACTOR MAY NOT CLOSE ANY SIDEWALKS WITHOUT PROVIDING ALTERNATE ROUTES IN ACCORDANCE WITH FDOT INDEX 660 AND OBTAINING APPROVAL FROM THE GOVERNING JURISDICTIONAL AGENCY.

4. THE CONTRACTOR SHALL CONDUCT REMOVAL OPERATIONS SO THAT TRAFFIC IS MAINTAINED ALONG EXISTING STREETS AND WALKS. ALL PUBLIC PAVED STREETS AND WALKWAYS MUST BE KEPT FREE OF DEBRIS. THE CONTRACTOR MUST REMOVE MATERIAL AND OTHER MATTER TRACKED OR FALLEN ONTO TRAFFIC SURFACES.

VII. CLEAN UP

1. REMOVE DEMOLISHED CONSTRUCTION MATERIALS AND RELATED DEBRIS FROM THE SITE ON A REGULAR BASIS. ACCUMULATION OF DEBRIS ON THE SITE WILL NOT BE PERMITTED. SELLING OF SALVAGEABLE MATERIALS IS NOT PERMITTED AT THE SITE.

2. REMOVE MATERIALS, INCLUDING DEBRIS AND DUST, AND DISPOSE OF LEGALLY OFF SITE. NO DEBRIS SHALL BE BURNED OR BURIED ON THE SITE AS A MEANS OF DISPOSAL. USE METHODS APPROVED BY THE REGULATORY AGENCIES PRIOR TO BEGINNING CLEANUP OPERATIONS. USE OF BLOWERS TO DISTRIBUTE DUST WILL NOT BE PERMITTED.

3. MATERIAL DESIGNATED FOR REMOVAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND ANY SALVAGE VALUE THERE FROM WILL ACCRUE TO THE CONTRACTOR.

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
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DRAWN BY SE
CHECKED BY CF

DEMOLITION NOTES

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-300

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-300 DEMOLITION NOTES January 15, 2015 12:59:45pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-300 DEMOLITION NOTES.dwg
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Plotted By:Kitver, Allie Sheet Set:RAM SHERIDAN STATION Layout:C-301 DEMOLITION PLAN January 15, 2015 01:21:09pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-303 DEMOLITION PLAN.dwg
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MATCHLINE SEE SHEET C-302 FOR CONTINUATION

CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL EXIST. ELECTRICAL SERVICE WITH FP&L (TYP.)

PROP. SEDIMENT CONTROL SILT FENCE (TYP.) SEE SHEET C-203 FOR DETAILS

EXIST. SEPTIC TANK TO BE ABANDONED (TYP.)

EXIST. CORAL HOUSE BUILDING TO REMAIN AND BE PROTECTED AT ALL TIMES.

PROP. CHAIN LINK CONSTRUCTION FENCE WITH DUST SCREEN (TYP.) SEE SHEET C-203 FOR DETAILS

DURING DEMOLITION, LOCATE AND PROTECT WATER, SEWER, TELEPHONE, AND ELECTRIC SERVICES TO BUILDING FOR FUTURE CONNECTION.

EXIST. WATER SERVICE TO BE ABANDONED AT PARK PROPERTY LINE

EXIST. FIRE HYDRANT TO BE REMOVED

EXIST. SANITARY LIFT STATION TO BE REMOVED

CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXIST. SERVICE WITH AT&T (TYP.)

EXIST. SEPTIC TANK TO BE ABANDONED (TYP.)

EXIST. 16' HIGH SOUND BARRIER WALL TO REMAIN AND BE PROTECTED AT ALL TIMES.

EXIST. 24" WATERMAIN TO REMAIN

EXIST. 4" C.I.P. FORCE MAIN TO BE REMOVED. SEE C-701 – WATER AND SEWER PLAN FOR DETAILS.

ALL EXIST. TREES TO REMAIN AND BE PROTECTED (REFER TO LANDSCAPE PLANS FOR DETAILS)

CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXIST. SERVICE WITH AT&T.

CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXIST. ELECTRICAL SERVICE WITH FP&L.

EXISTING 4" C.I.P. SANITARY SEWER FORCEMAIN TO BE CUT, CAPPED AND REMOVED AT PROPERTY LINE. SEE SHEET C-701 – WATER AND SEWER PLAN FOR DETAILS.

CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXIST. SERVICE WITH AT&T.

LIMITS OF SHERIDAN STATION ON-SITE DEMOLITION-SEE TAFT STREET DEMOLITION PLANS FOR CONTINUATION

EXIST. COLUMNS (TYP.)

EXIST. 16' HIGH SOUND BARRIER WALL TO REMAIN AND BE PROTECTED AT ALL TIMES.

CSX RAILROAD

INTERSTATE 95 (STATE ROAD 9)

TAFT STREET

TAFT STREET INDUSTRIAL PARK P.B. 123, Pg. 25, B.C.R.

PARK EASEMENT AREA

5' WATER LINE EASEMENT

10.0' EASEMENT FOR PUBLIC UTILITIES

COLUMN 1.5' WIDE (TYP.)

16' HIGH NOISE BARRIER WALL (TYP.)

24" R.C.P. W.M.

8" W.M.

4" C.I.P. SFM

R/W LINE

R/W

100.0'

200.0'

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- LIMITS OF DEMOLITION
- EXISTING BUILDING
- (R) EXISTING SEPTIC TANKS TO BE REMOVED SEE NOTE 11 THIS SHEET (TYP. OF 12)
- (A) EXISTING SEPTIC TANKS TO BE ABANDONED SEE NOTE 11 THIS SHEET (TYP. OF 11)

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4. SEE LANDSCAPE PLANS FOR TREES TO REMAIN, REMOVAL/RELOCATION AND TREE PROTECTION BY LANDSCAPE ARCHITECT.
5. SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON EXISTING UTILITY MAINS TO BE REMOVED, RELOCATED AND/OR TO REMAIN. ANY UTILITIES ARE FOUND IN THE FIELD THAT ARE NOT ACCURATELY SHOWN CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
6. CONTRACTOR SHALL REFER TO THE WATER AND SEWER PLANS FOR ADDITIONAL INFORMATION ON THE REMOVAL OF WATER METERS, SANITARY SEWER LATERALS, ETC.
7. REFER TO OFFSITE PLANS FOR MILLING AND RESURFACING LIMITS WITHIN THE RIGHT-OF-WAY,
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9. PROPOSED LIMITS OF DEMOLITION SHALL INCLUDE REMOVAL OF ALL SOD, LANDSCAPING, PAVEMENT (FULL DEPTH OF BASE), UTILITIES, DRAINAGE, LIGHTING, IRRIGATION, SIGNS, WALLS, FENCES, ETC. UNLESS OTHERWISE NOTED ON THIS PLAN.
10. PROPOSED LIMITS OF PUBLIC SIDEWALK DEMOLITION INCLUDE REMOVAL OF EXISTING SIDEWALK AND DRIVEWAYS. ALL WORK TO BE COORDINATE WITH CITY OF HOLLYWOOD PUBLIC WORKS, FDOT AND THE OWNERS CONSTRUCTION SCHEDULE. MAINTENANCE OF TRAFFIC PLAN TO BE IN PLACE PRIOR TO COMMENCING WORK.
11. CONTRACTOR TO REMOVE AND/OR ABANDON ON SITE SEPTIC TANKS IN COMPLIANCE WITH BROWARD COUNTY, CITY OF HOLLYWOOD AND FLORIDA DEPARTMENT OF HEALTH.
12. ON SITE LIGHT POLES TO BE REMOVED. CONTRACTOR TO TERMINATE AND REMOVE THEIR POWER SOURCE. CONTRACTOR TO CONFIRM THERE WILL BE NO POWER/LIGHTING INTERRUPTIONS TO NEIGHBORING PROPERTIES.
13. CONTRACTOR TO CONTACT AND COORDINATE WITH ALL AFFECTED UTILITY OWNERS/PROVIDERS AND ADHERE TO ALL THEIR INSTRUCTIONS AND PROCEDURES WITH RESPECT TO THE CUTTING, CAPPING, RELOCATION, REMOVAL (TEMPORARY OR PERMANENT), DEACTIVATION, AND ABANDONMENT OF ANY EXISTING UTILITIES SPECIFIED FOR REMOVAL.
14. CONTRACTOR TO PROTECT EXISTING UTILITIES AND ASSOCIATED APPURTENANCES (METERS, VALVES, ETC.). CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY DAMAGED UTILITIES.
15. CONTRACTOR TO DEMOLISH AND DISPOSE OF APPROXIMATELY 218 10'X30' CONCRETE TRAILER PADS.
16. REMOVE ALL WATER SERVICE LINES LAST. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLAN FOR TEMPORARY TREE IRRIGATION.

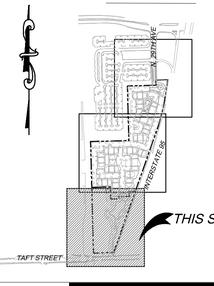
CONTRACTOR TO REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN, TO BE REMOVED, AND/OR TO BE RELOCATED.

CONTRACTOR TO DEMOLISH AND DISPOSE OF APPROXIMATELY 218 10'X30' CONCRETE TRAILER PADS. (±52 PARK PARCEL, ±166 RESIDENTIAL PARCEL) APPROXIMATELY 65,400SF. THICKNESS UNKNOWN.

SYMBOLS:

- = SIGN
- = WOOD POWER POLE
- = CONCRETE POWER POLE/LIGHT
- = METAL LIGHT POLE
- WV = GATE VALVE
- = FIRE HYDRANT
- = STORM MANHOLE
- CB = CATCH BASIN
- = GUY ANCHOR
- = WATER METER
- = COMMUNICATIONS MANHOLE
- = YARD DRAIN
- (SS) = SANITARY SEWER MANHOLE
- = BOLLARD
- = BELLSOUTH RISER
- = CURB INLET
- = ELECTRIC HANDHOLE

KEY MAP



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DEMOLITION PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-301

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-302 DEMOLITION PLAN January 15, 2015 01:00:49pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-303 DEMOLITION PLAN.dwg
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MATCHLINE SEE SHEET C-303 FOR CONTINUATION

FDOT PARCEL
(NOT A PART)

R/W

CSX RAILROAD

R/W

R/W

INTERSTATE 95
(STATE ROAD 9)

R/W

REMOVE EXIST. CABLE TV BOX. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER (TYP.)

EXIST. SANITARY SEWER TO BE REMOVED (TYP.)

EXIST. FIRE HYDRANT TO BE REMOVED

CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXIST. SERVICE WITH AT&T (TYP.)

EXIST. TRANSFORMERS TO BE REMOVED (TYP.)

CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL EXIST. ELECTRICAL SERVICE WITH FP&L (TYP.)

8' HIGH NOISE BARRIER WALL (TYP.)

EXIST. ±2,160 LF OF 2"-6" WATER SERVICE TO BE REMOVED (TYP.)

ALL EXIST. TREES TO REMAIN AND BE PROTECTED (REFER TO LANDSCAPE PLANS FOR DETAILS)

EXIST. SANITARY SEWER TO BE REMOVED (TYP.)

EXIST. 16' HIGH SOUND BARRIER WALL TO REMAIN AND BE PROTECTED AT ALL TIMES.

LIMITED ACCESS R/W LINE

EXIST. 24" WATERMAIN TO REMAIN

COLUMN 1.5' WIDE (TYP.)

EXIST. TRANSFORMERS TO BE REMOVED (TYP.)

16' HIGH NOISE BARRIER WALL (TYP.)

10.0' EASEMENT FOR PUBLIC UTILITIES

INTERSTATE 95 WEST R/W LINE

ALL EXIST. TREES TO REMAIN AND BE PROTECTED (REFER TO LANDSCAPE PLANS FOR DETAILS)

LIMITED ACCESS R/W LINE

85.0'

CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL EXIST. ELECTRICAL SERVICE WITH FP&L

MATCHLINE SEE SHEET C-301 FOR CONTINUATION

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND:

- ℄ — — — CENTER LINE OF ROADWAY
- PL — — R/W PROPERTY LINE AND/OR RIGHT-OF-WAY
- LIMITS OF DEMOLITION
- EXISTING BUILDING
- (R) EXISTING SEPTIC TANKS TO BE REMOVED SEE NOTE 11 THIS SHEET (TYP. OF 12)
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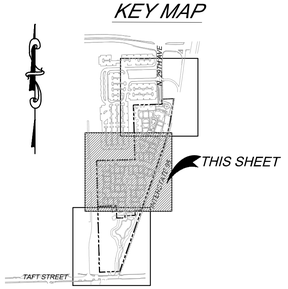
KEY MAP



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73908

KHA PROJECT 043105002			
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SCALE	AS SHOWN	DESIGNED BY	SE
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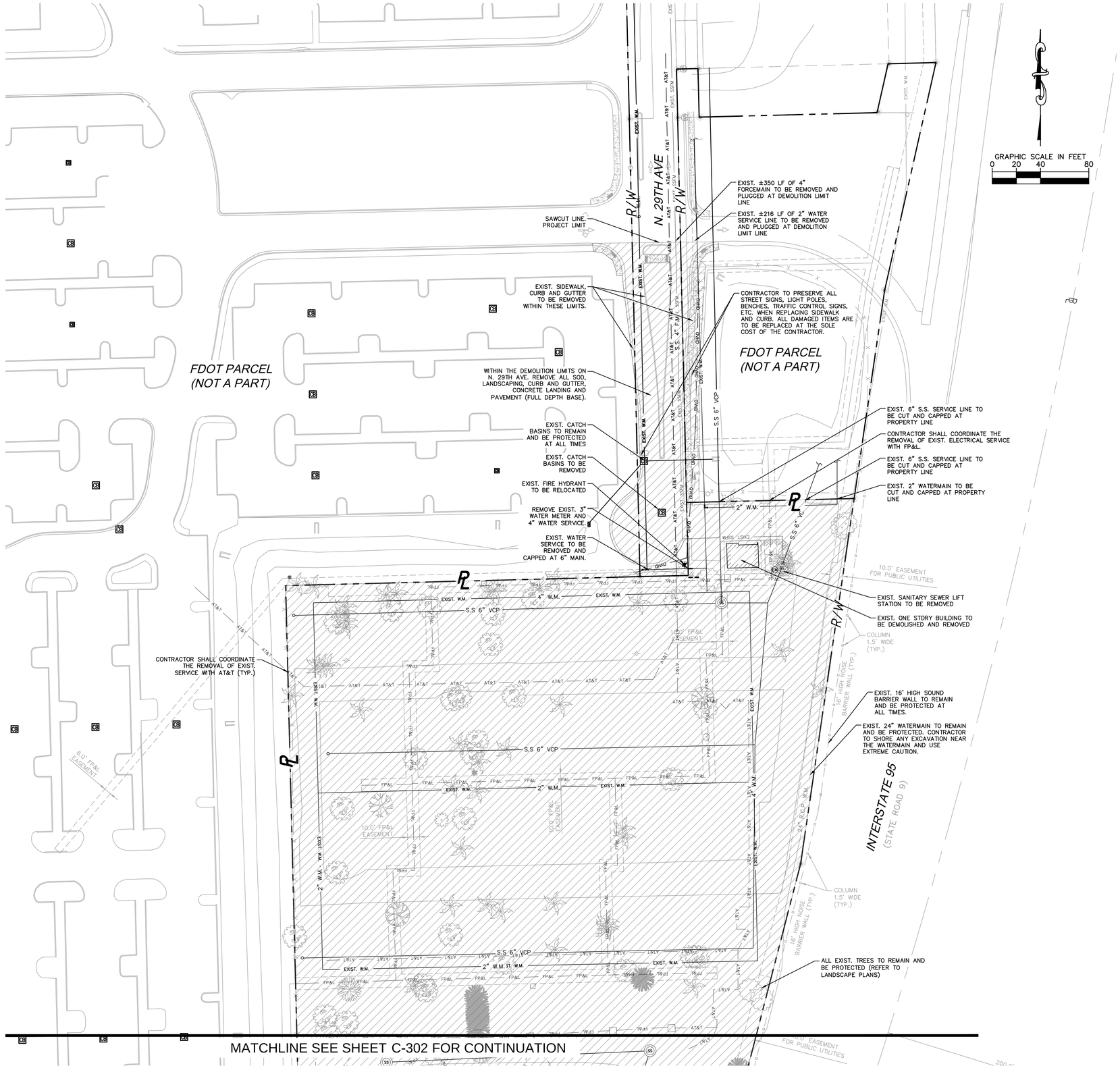
DEMOLITION PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-302



GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND:

- CL — — — CENTER LINE OF ROADWAY
- PL — — R/W PROPERTY LINE AND/OR RIGHT-OF-WAY
- LIMITS OF DEMOLITION
- EXISTING BUILDING
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6. CONTRACTOR SHALL REFER TO THE WATER AND SEWER PLANS FOR ADDITIONAL INFORMATION ON THE REMOVAL OF WATER METERS, SANITARY SEWER LATERALS, ETC.
7. REFER TO OFFSITE PLANS FOR MILLING AND RESURFACING LIMITS WITHIN THE RIGHT-OF-WAY,
8. CONTRACTOR TO SAWCUT WHEN REMOVING EXIST. PAVEMENT, THAT IS ADJACENT TO EXIST. PAVEMENT THAT IS TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO EXISTING CONCRETE OR ASPHALT TO REMAIN IF DAMAGED DURING CONSTRUCTION.
9. PROPOSED LIMITS OF DEMOLITION SHALL INCLUDE REMOVAL OF ALL SOD, LANDSCAPING, PAVEMENT (FULL DEPTH OF BASE), UTILITIES, DRAINAGE, LIGHTING, IRRIGATION, SIGNS, WALLS, FENCES, ETC. UNLESS OTHERWISE NOTED ON THIS PLAN.
10. PROPOSED LIMITS OF PUBLIC SIDEWALK DEMOLITION INCLUDE REMOVAL OF EXISTING SIDEWALK AND DRIVEWAYS. ALL WORK TO BE COORDINATE WITH CITY OF HOLLYWOOD PUBLIC WORKS, FDOT AND THE OWNERS CONSTRUCTION SCHEDULE. MAINTENANCE OF TRAFFIC PLAN TO BE IN PLACE PRIOR TO COMMENCING WORK.
11. CONTRACTOR TO REMOVE AND/OR ABANDON ON SITE SEPTIC TANKS IN COMPLIANCE WITH BROWARD COUNTY, CITY OF HOLLYWOOD AND FLORIDA DEPARTMENT OF HEALTH.
12. ON SITE LIGHT POLES TO BE REMOVED. CONTRACTOR TO TERMINATE AND REMOVE THEIR POWER SOURCE. CONTRACTOR TO CONFIRM THERE WILL BE NO POWER/LIGHTING INTERRUPTIONS TO NEIGHBORING PROPERTIES.
13. CONTRACTOR TO CONTACT AND COORDINATE WITH ALL AFFECTED UTILITY OWNERS/PROVIDERS AND ADHERE TO ALL THEIR INSTRUCTIONS AND PROCEDURES WITH RESPECT TO THE CUTTING, CAPPING, RELOCATION, REMOVAL (TEMPORARY OR PERMANENT), DEACTIVATION, AND ABANDONMENT OF ANY EXISTING UTILITIES SPECIFIED FOR REMOVAL.
14. CONTRACTOR TO PROTECT EXISTING UTILITIES AND ASSOCIATED APPURTENANCES (METERS, VALVES, ETC.). CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY DAMAGED UTILITIES.
15. CONTRACTOR TO DEMOLISH AND DISPOSE OF APPROXIMATELY 218 10'X30' CONCRETE TRAILER PADS.
16. REMOVE ALL WATER SERVICE LINES LAST. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLAN FOR TEMPORARY TREE IRRIGATION.

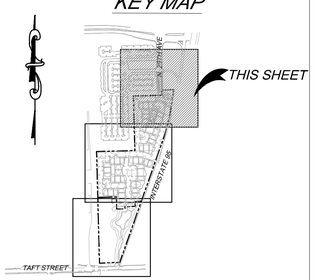
CONTRACTOR TO REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN, TO BE REMOVED, AND/OR TO BE RELOCATED.

CONTRACTOR TO DEMOLISH AND DISPOSE OF APPROXIMATELY 218 10'X30' CONCRETE TRAILER PADS. (±52 PARK PARCEL, ±166 RESIDENTIAL PARCEL) APPROXIMATELY 65,400SF. THICKNESS UNKNOWN.

SYMBOLS:

- = SIGN
- = WOOD POWER POLE
- = CONCRETE POWER POLE/LIGHT
- = METAL LIGHT POLE
- WV = GATE VALVE
- = FIRE HYDRANT
- = STORM MANHOLE
- CB = CATCH BASIN
- = GUY ANCHOR
- = WATER METER
- = COMMUNICATIONS MANHOLE
- = YARD DRAIN
- = SANITARY SEWER MANHOLE
- = BOLLARD
- = BELLSOUTH RISER
- = CURB INLET
- = ELECTRIC HANDHOLE

KEY MAP



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CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002			
DATE 1/13/2015			
SCALE AS SHOWN	DESIGNED BY	SE	
	DRAWN BY	SE	
	CHECKED BY	CF	

DEMOLITION PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-303

Plotted By: Ebrahimi, Sina Sheet Set: RAM SHERIDAN STATION Layout: C-303 DEMOLITION PLAN January 15, 2015 01:01:14pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-303 DEMOLITION PLAN.dwg
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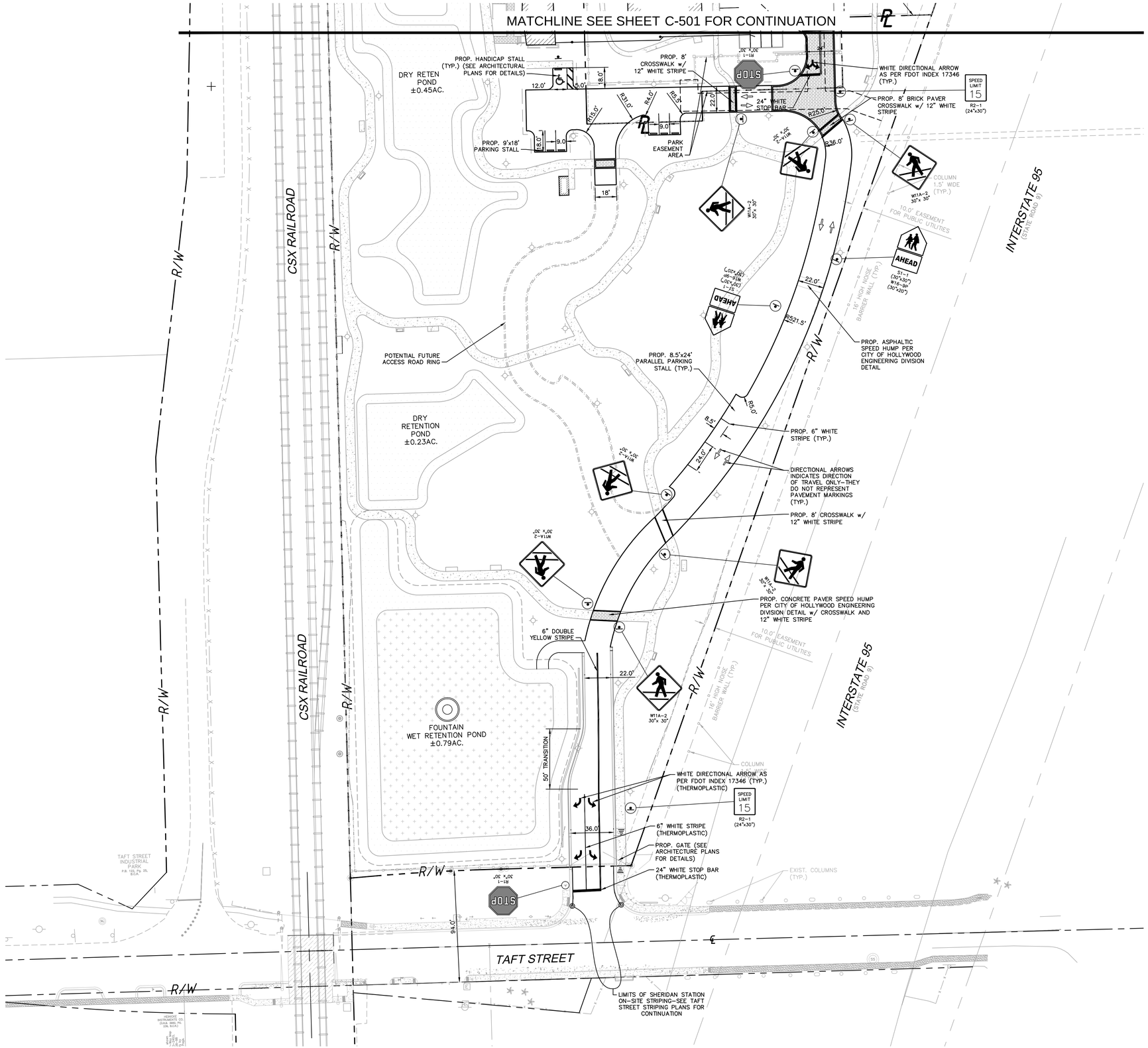

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND:

- ℄ — CENTER LINE OF ROADWAY
- ℙL — R/W — PROPERTY LINE AND/OR RIGHT-OF-WAY

NOTES:

1. SEE ARCHITECTURAL PLANS FOR PARKING DETAILS.
2. CONTRACTOR SHALL REPLACE ALL STRIPING REMOVED AND/OR DAMAGED DURING CONSTRUCTION ALONG THE ROAD ABUTTING THE PROPERTY PER APPLICABLE CITY, COUNTY, AND/OR STATE STANDARDS.
3. CONTRACTOR SHALL FIELD VERIFY THAT ALL EXISTING AND PROPOSED ADA ITEMS WITHIN PROJECT LIMITS (I.E., ROUTES, PARKING, STRIPING, SIGNAGE, ETC.) MEET THE MINIMUM REQUIREMENTS AND SHALL ADJUST ACCORDINGLY BEFORE THE PROJECT CAN BE DEEMED CERTIFIED AND COMPLETE (TYPICAL).
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5. ALL SIGNS TO BE INSTALLED PER FDOT DESIGN STANDARDS (LATEST EDITION) (INDEX NO. 600) AS SHOWN ON PLANS UNLESS OTHERWISE NOTED.
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7. ALL PAVEMENTS MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX #17346 (LATEST EDITION).
8. PAINTED PAVEMENT MARKINGS, INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 710 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING; CONTRACTOR TO APPLY TWO COATS OF VOC COMPLIANT, LOCAL DOT APPROVED, UNDILUTED, SOLVENT BASED OR LATEX TRAFFIC PAINT. CONTRACTOR TO FOLLOW MANUFACTURERS RECOMMENDED APPLICATION RATE, WITHOUT ADDITION OF A THINNER, WITH A MAXIMUM OF 100 SF PER GALLON OR AS REQUIRED PROVIDING MINIMUM 15 MILS WET FILM THICKNESS AND 7½ MILS DRY FILM THICKNESS PER COAT WITH MINIMUM OF 30 DAYS BETWEEN APPLICATIONS. SECOND COAT OF PAINT SHALL NOT BE APPLIED EARLIER THAN 7 DAYS PRIOR TO GRAND OPENING. PAINT SHALL BE CRISP, STRAIGHT AND APPLIED UNIFORMLY ACROSS THE WIDTH OF THE LINE FOR A TOTAL DRY FILM THICKNESS OF 15 MILS.
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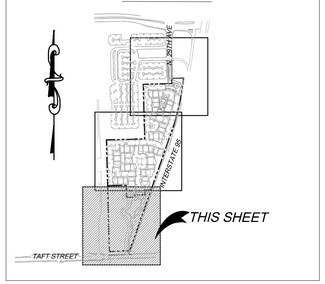
10. FOLLOW SECTION NO. 700 HIGHWAY SIGNING, OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

KEY MAP



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73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

SIGNAGE AND MARKING PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-500

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-500 SIGNAGE AND MARKING PLAN January 15, 2015 01:02:55pm K:\FTL_Civil\043_Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-502 SIGNAGE AND MARKING PLAN.dwg
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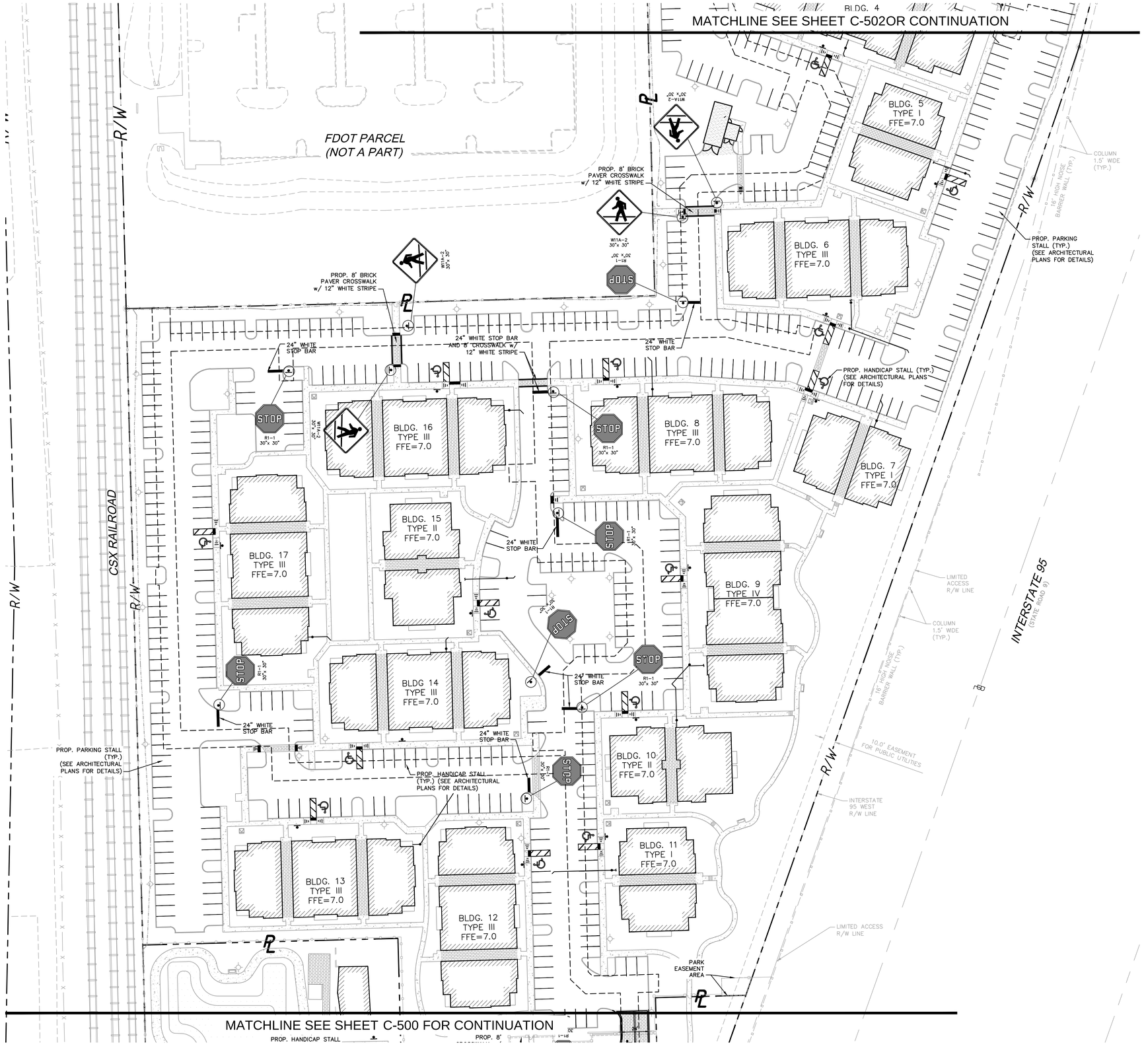

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND:

℄ – – –	CENTER LINE OF ROADWAY
℄ – – R/W	PROPERTY LINE AND/OR RIGHT-OF-WAY

NOTES:

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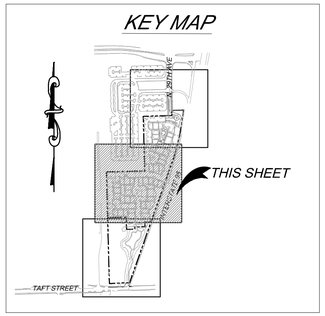
KEY MAP



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73908

KHA PROJECT 043105002		
DATE 1/13/2015		
SCALE AS SHOWN	DESIGNED BY	SE
	DRAWN BY	SE
	CHECKED BY	CF
	DATE:	

SIGNAGE AND MARKING PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-501

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-501 SIGNAGE AND MARKING PLAN January 15, 2015 01:03:08pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-502 SIGNAGE AND MARKING PLAN.dwg
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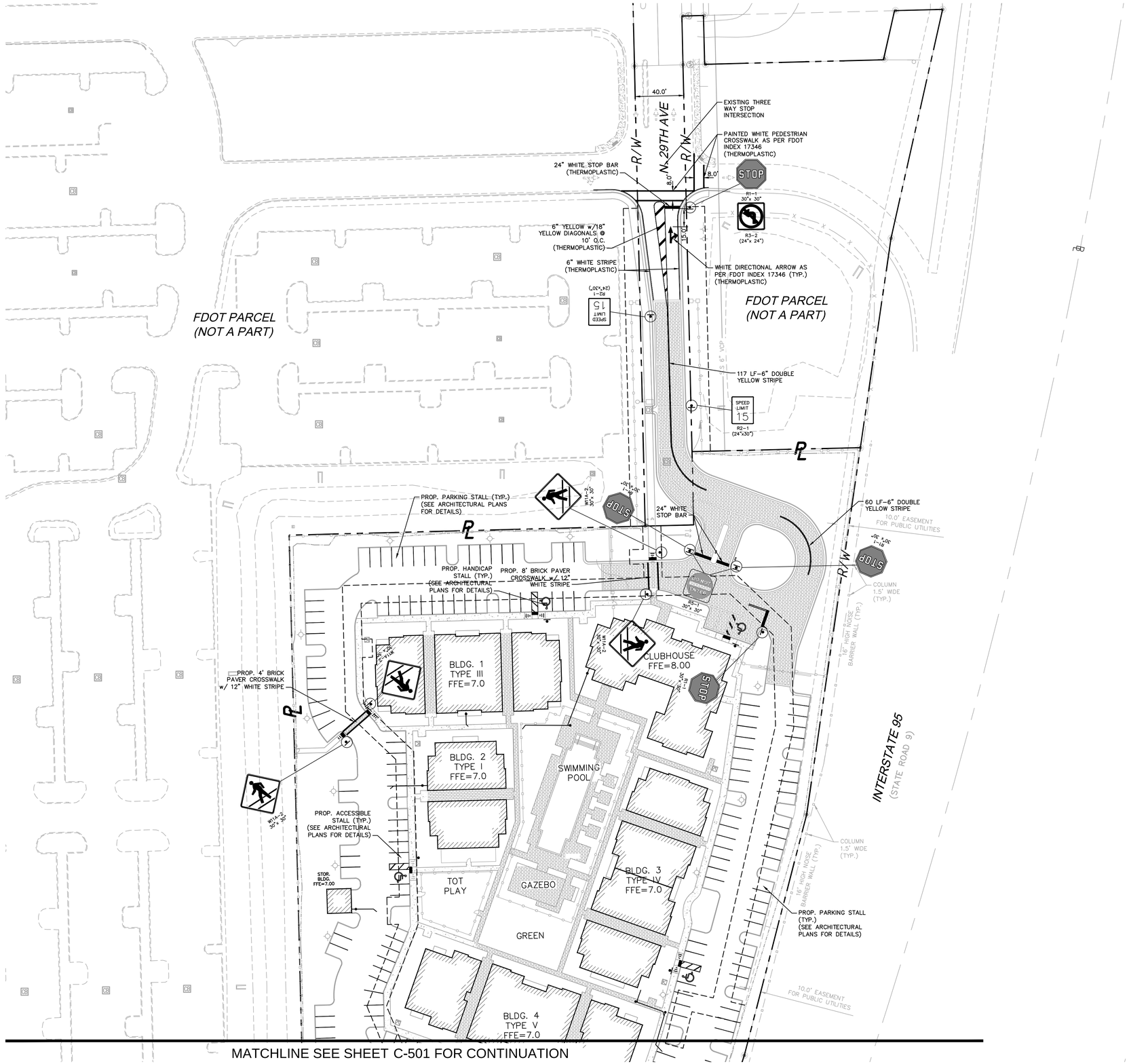

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND:

$\overset{\text{℄}}{\text{R}}$ – – ———	CENTER LINE OF ROADWAY
$\overset{\text{℄}}{\text{P}}$ – – R/W	PROPERTY LINE AND/OR RIGHT-OF-WAY

NOTES:

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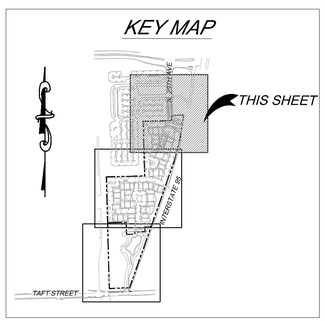
KEY MAP



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73908

KHA PROJECT 043105002			
DATE 1/13/2015			
SCALE AS SHOWN	DESIGNED BY	SE	
	DRAWN BY	SE	
	CHECKED BY	CF	DATE:

SIGNAGE AND MARKING PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-502

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-502 SIGNAGE AND MARKING PLAN January 15, 2015 01:03:23pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-502 SIGNAGE AND MARKING PLAN.dwg
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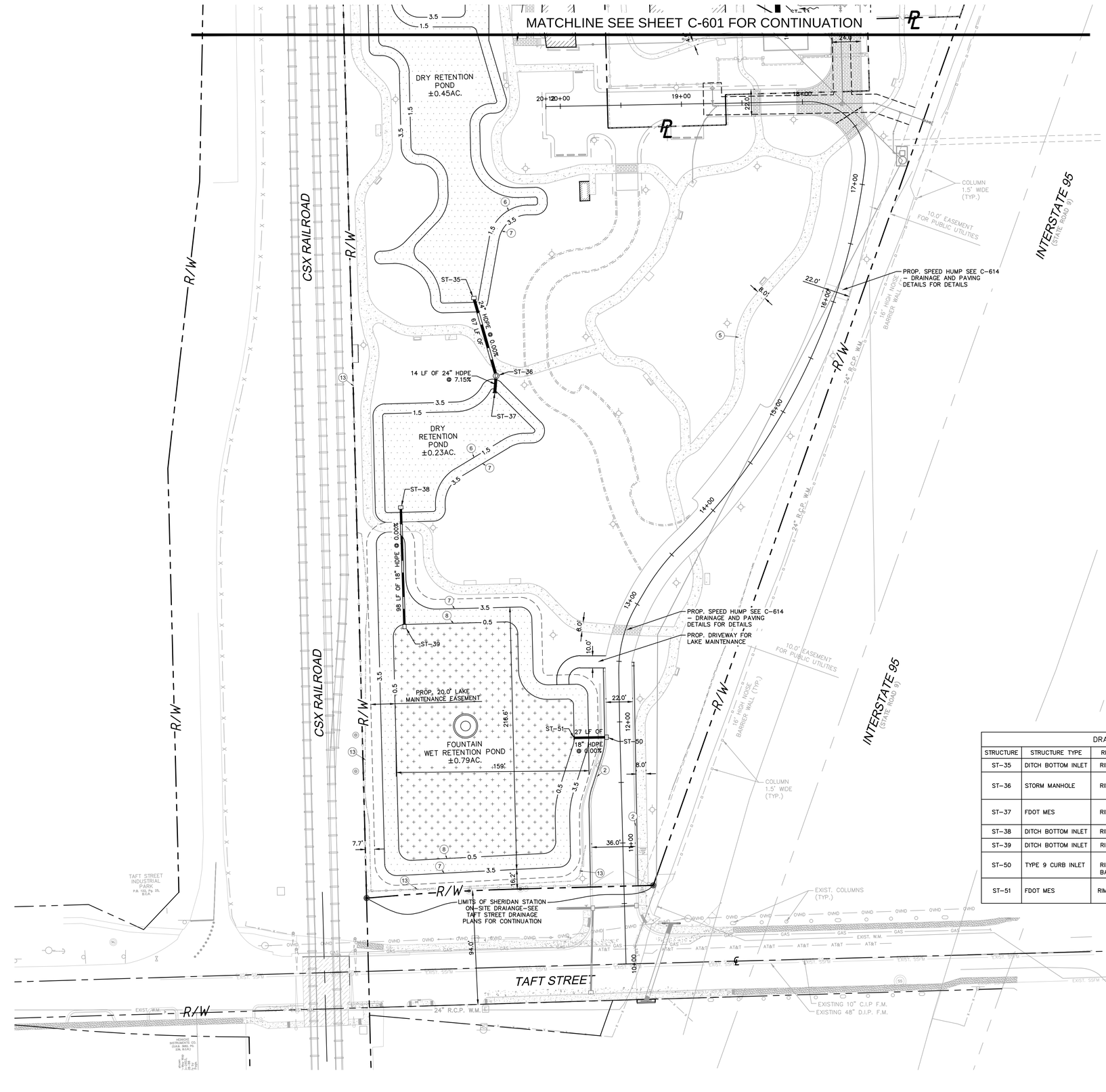


LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. DRAINAGE STRUCTURES
- PROP. DRAINAGE PIPE
- EXISTING GRADES (NAVD88)
- PROP. BRICK PAVERS
- PROP. CONCRETE
- PROP. DRY RETENTION AREA
- PROP. WET RETENTION POND AREA
- PROP. RETENTION AREA ELEVATION CONTOURS
- PROP. LAKE MAINTENANCE EASEMENT
- HIGH POINT
- FLOW ARROW
- PROP. TYPE 'D' CURB
- PROP. TYPE 'F' CURB
- PROP ROOF LEADER CLEAN OUT

GRAPHIC SCALE IN FEET
0 20 40 80

NOTES:

1. FFE ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM (NAVD) 88.
2. REFER TO SHEET C-613 AND SHEET C-614 FOR DRAINAGE DETAILS.
3. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
4. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FP&L ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
6. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY THE POWER LINES.
7. CONTRACTOR SHALL FIELD LOCATE AND PROVIDE FITTINGS FOR RAINWATER LEADERS AS NECESSARY.
8. STORM PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), UNLESS OTHERWISE NOTED.
9. IF ANY EXISTING STORM DRAINAGE STRUCTURES AND PIPES TO REMAIN IN SERVICE ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR THOSE STRUCTURES TO PRIOR CONDITION, OR BETTER, OR TO REPLACE THEM, AS NECESSARY.
10. ALL STORM PIPES ENTERING STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
11. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING FRAME AND COVER. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE SURROUNDING GRADE.
12. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.

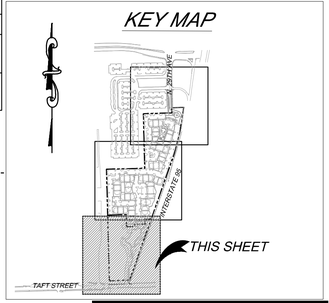
DRAINAGE STRUCTURE TABLE

STRUCTURE	STRUCTURE TYPE	RIM ELEV.	INVERT ELEVATION	STRUCTURE DETAILS
ST-35	DITCH BOTTOM INLET	RIM = 2.50	(24") –2.00 (S)	TYPE 'C' PER FDOT INDEX 232
ST-36	STORM MANHOLE	RIM = 4.47	(24") –2.00 (N) (24") 0.50 (S)	4' DIA. TYPE 'P' PER FDOT INDEX 200 W/ USF 2339, 465
ST-37	FDOT MES	RIM = 4.08	(24") 1.50 (N)	24" CROSS DRAIN SINGLE MITERED END SECTION PER FDOT INDEX 272
ST-38	DITCH BOTTOM INLET	RIM = 2.50	(18") –2.50 (S)	TYPE 'C' PER FDOT INDEX 232
ST-39	DITCH BOTTOM INLET	RIM = 1.50	(18") –2.50 (N)	TYPE 'C' PER FDOT INDEX 232
ST-50	TYPE 9 CURB INLET	RIM = 4.89 BAFFLE (W)	(18") 0.50 (W)	4' DIA TYPE 'P' PER FDOT INDEX 200 W/ TYPE 9 CURB INLET PER FDOT INDEX 214
ST-51	FDOT MES	RIM = –0.99	(18") 0.50 (E)	24" CROSS DRAIN SINGLE MITERED END SECTION PER FDOT INDEX 272

SITE PLAN LEGEND

1. PROP. TYPE 'D' CURB PER FDOT INDEX 300
2. PROP. TYPE 'F' CURB AND GUTTER PER FDOT INDEX 300
3. PROP. HEAVY DUTY CONCRETE
4. PROP. 5.5' SIDEWALK
5. PROP. 8' SIDEWALK
6. PROP. BOTTOM OF RETENTION
7. PROP. TOP OF DRY RETENTION BANK
8. PROP. EDGE OF WATER
9. PROP 1' HEADER CURB
10. PROP. UNDERGROUND STORMWATER RETENTION SEE SHEET C-615 FOR DETAILS
11. PROP. CR-C RAMP PER FDOT INDEX 304
12. PROP. CR-E RAMP PER FDOT INDEX 304
13. PROP. TOP OF BERM-25 YEAR 3 DAY 6.5'
14. 6" ROOF LEADER WITH CLEAN OUT
15. 10" HDPE TO STORM CHAMBERS

KEY MAP



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DATE:

KHA PROJECT 043105002
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SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

DRAINAGE PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-600

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-600 DRAINAGE PLAN January 15, 2015 01:04:38pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-602 DRAINAGE PLAN.dwg
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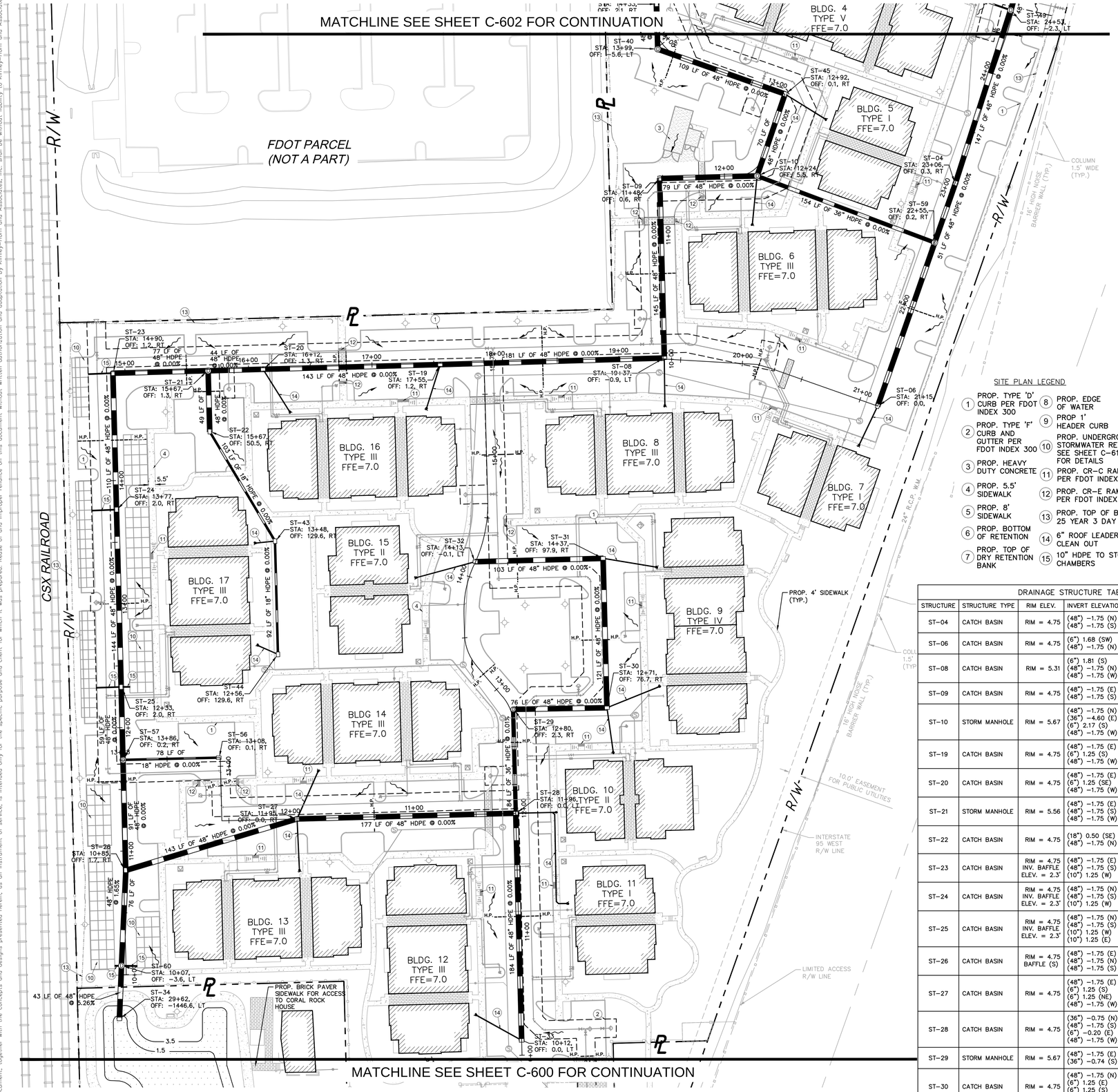


LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. DRAINAGE STRUCTURES
- PROP. DRAINAGE PIPE
- EXISTING GRADES (NAVD88)
- PROP. BRICK PAVERS
- PROP. CONCRETE
- PROP. DRY RETENTION AREA
- PROP. WET RETENTION POND AREA
- PROP. RETENTION AREA ELEVATION CONTOURS
- PROP. LAKE MAINTENANCE EASEMENT
- HIGH POINT
- FLOW ARROW
- PROP. TYPE. 'D' CURB
- PROP. TYPE. 'F' CURB
- PROP ROOF LEADER CLEAN OUT

GRAPHIC SCALE IN FEET
0 20 40 80

SITE PLAN LEGEND

1. PROP. TYPE 'D' CURB PER FDOT INDEX 300
2. PROP. TYPE 'F' CURB AND GUTTER PER FDOT INDEX 300
3. PROP. HEAVY DUTY CONCRETE
4. PROP. 5.5' SIDEWALK
5. PROP. 8' SIDEWALK
6. PROP. BOTTOM OF RETENTION
7. PROP. TOP OF DRY RETENTION BANK
8. PROP. EDGE OF WATER
9. PROP 1' HEADER CURB
10. PROP. UNDERGROUND STORMWATER RETENTION SEE SHEET C-615 FOR DETAILS
11. PROP. CR-C RAMP PER FDOT INDEX 304
12. PROP. CR-E RAMP PER FDOT INDEX 304
13. PROP. TOP OF BERM-25 YEAR 3 DAY 6.5'
14. 6" ROOF LEADER WITH CLEAN OUT
15. 10" HDPE TO STORM CHAMBERS

NOTES:

1. FFE ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM (NAVD) 88.
2. REFER TO SHEET C-613 AND SHEET C-614 FOR DRAINAGE DETAILS.
3. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
4. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FP&L ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
6. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY THE POWER LINES.
7. CONTRACTOR SHALL FIELD LOCATE AND PROVIDE FITTINGS FOR RAINWATER LEADERS AS NECESSARY.
8. STORM PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), UNLESS OTHERWISE NOTED.
9. IF ANY EXISTING STORM DRAINAGE STRUCTURES AND PIPES TO REMAIN IN SERVICE ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR THOSE STRUCTURES TO PRIOR CONDITION, OR BETTER, OR TO REPLACE THEM, AS NECESSARY.
10. ALL STORM PIPES ENTERING STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
11. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING FRAME AND COVER. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE SURROUNDING GRADE.
12. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.

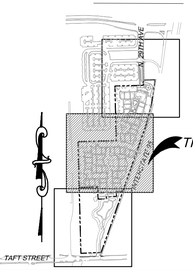
DRAINAGE STRUCTURE TABLE

STRUCTURE	STRUCTURE TYPE	RIM ELEV.	INVERT ELEVATION	STRUCTURE DETAILS
ST-04	CATCH BASIN	RIM = 4.75	(48") -1.75 (N) (48") -1.75 (S)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-06	CATCH BASIN	RIM = 4.75	(6") 1.68 (SW) (48") -1.75 (N)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-08	CATCH BASIN	RIM = 5.31	(6") 1.81 (S) (48") -1.75 (N) (48") -1.75 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-09	CATCH BASIN	RIM = 4.75	(48") -1.75 (E) (48") -1.75 (S)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-10	STORM MANHOLE	RIM = 5.67	(48") -1.75 (N) (36") -4.60 (E) (6") 2.17 (S) (48") -1.75 (W)	6' DIA. TYPE 'J' PER FDOT INDEX 200 W/ USF 2339, 465
ST-19	CATCH BASIN	RIM = 4.75	(48") -1.75 (E) (6") 1.25 (S) (48") -1.75 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-20	CATCH BASIN	RIM = 4.75	(48") -1.75 (E) (6") 1.25 (SE) (48") -1.75 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-21	STORM MANHOLE	RIM = 5.56	(48") -1.75 (E) (48") -1.75 (S) (48") -1.75 (W)	TYPE 'J' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-22	CATCH BASIN	RIM = 4.75	(18") 0.50 (SE) (48") -1.75 (N)	6' DIA. TYPE 'J' PER FDOT INDEX 200 W/ USF 2339, 465
ST-23	CATCH BASIN	RIM = 4.75 INV. BAFFLE ELEV. = 2.3'	(48") -1.75 (E) (48") -1.75 (S) (10") 1.25 (W)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-24	CATCH BASIN	RIM = 4.75 INV. BAFFLE ELEV. = 2.3'	(48") -1.75 (N) (48") -1.75 (S) (10") 1.25 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-25	CATCH BASIN	RIM = 4.75 INV. BAFFLE ELEV. = 2.3'	(48") -1.75 (N) (48") -1.75 (S) (10") 1.25 (W) (10") 1.25 (E)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-26	CATCH BASIN	RIM = 4.75 BAFFLE (S)	(48") -1.75 (E) (48") -1.75 (N) (48") -1.75 (S)	7' DIA. TYPE 'J' PER FDOT INDEX 200 W/ USF 4155-6212
ST-27	CATCH BASIN	RIM = 4.75	(48") -1.75 (E) (6") 1.25 (S) (6") 1.25 (NE) (48") -1.75 (W)	6' DIA. TYPE 'J' PER FDOT INDEX 200 W/ USF 2339, 465
ST-28	CATCH BASIN	RIM = 4.75	(36") -0.75 (N) (48") -1.75 (S) (6") -0.20 (E) (48") -1.75 (W)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-29	STORM MANHOLE	RIM = 5.67	(48") -1.75 (E) (36") -0.74 (S)	TYPE 'H' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-30	CATCH BASIN	RIM = 4.75	(48") -1.75 (N) (6") 1.25 (E) (6") 1.25 (S) (48") -1.75 (W)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS

DRAINAGE STRUCTURE TABLE

STRUCTURE	STRUCTURE TYPE	RIM ELEV.	INVERT ELEVATION	STRUCTURE DETAILS
ST-31	CATCH BASIN	RIM = 4.75	(48") -1.75 (W) (6") 1.25 (E) (48") -1.75 (S)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-32	CATCH BASIN	RIM = 4.75	(6") 1.25 (W) (48") -1.75 (E)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-33	CATCH BASIN	RIM = 4.75	(6") 1.25 (NW) (48") -1.75 (N)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-34	DITCH BOTTOM INLET	RIM = 2.50	(48") -5.27 (N)	TYPE 'C' PER FDOT INDEX 232
ST-40	STORM MANHOLE	RIM = 5.41	(48") -1.75 (N) (48") -1.75 (E)	6' DIA. TYPE 'J' PER FDOT INDEX 200 W/ USF 2339, 465
ST-43	CATCH BASIN	RIM = 6.45	(18") 0.50 (S) (6") 3.33 (W) (18") 0.50 (NW)	4' DIA. TYPE 'P' PER FDOT INDEX 200 W/ USF4155-6212
ST-44	DRAIN BASIN	RIM = 6.62	(6") 3.31 (NW) (18") 0.50 (N)	ADS DRAIN BASIN 18" DIA. W/ STANDARD GRATE OR APPR. EQUAL
ST-45	CATCH BASIN	RIM = 4.75	(48") -1.75 (W) (6") 1.25 (SE) (48") -1.75 (S)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-56	CATCH BASIN	RIM = 4.75	(18") 0.75 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-57	MANHOLE	RIM = 5.69	(48") -1.75 (N) (18") 0.75 (E) (48") -1.75 (S)	TYPE 'H' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-59	STORM MANHOLE	RIM = 5.66	(48") -1.75 (N) (36") -4.60 (W) (48") -1.75 (S)	TYPE 'H' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-60	MANHOLE	RIM = 6.00 BAFFLE (S) INV. BAFFLE ELEV. = 2.3'	(48") -3.00 (N) (12") 2.17 (E) (48") -3.00 (S) (12") 2.17 (W)	TYPE 'H' MH PER CITY OF HOLLYWOOD STANDARD DETAILS

KEY MAP



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WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

DRAINAGE PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-601

Plotted By: Ebrahimi, Sina Sheet Set: RAM SHERIDAN STATION Layout: C-601 DRAINAGE PLAN January 15, 2015 01:05:15pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-602 DRAINAGE PLAN.dwg
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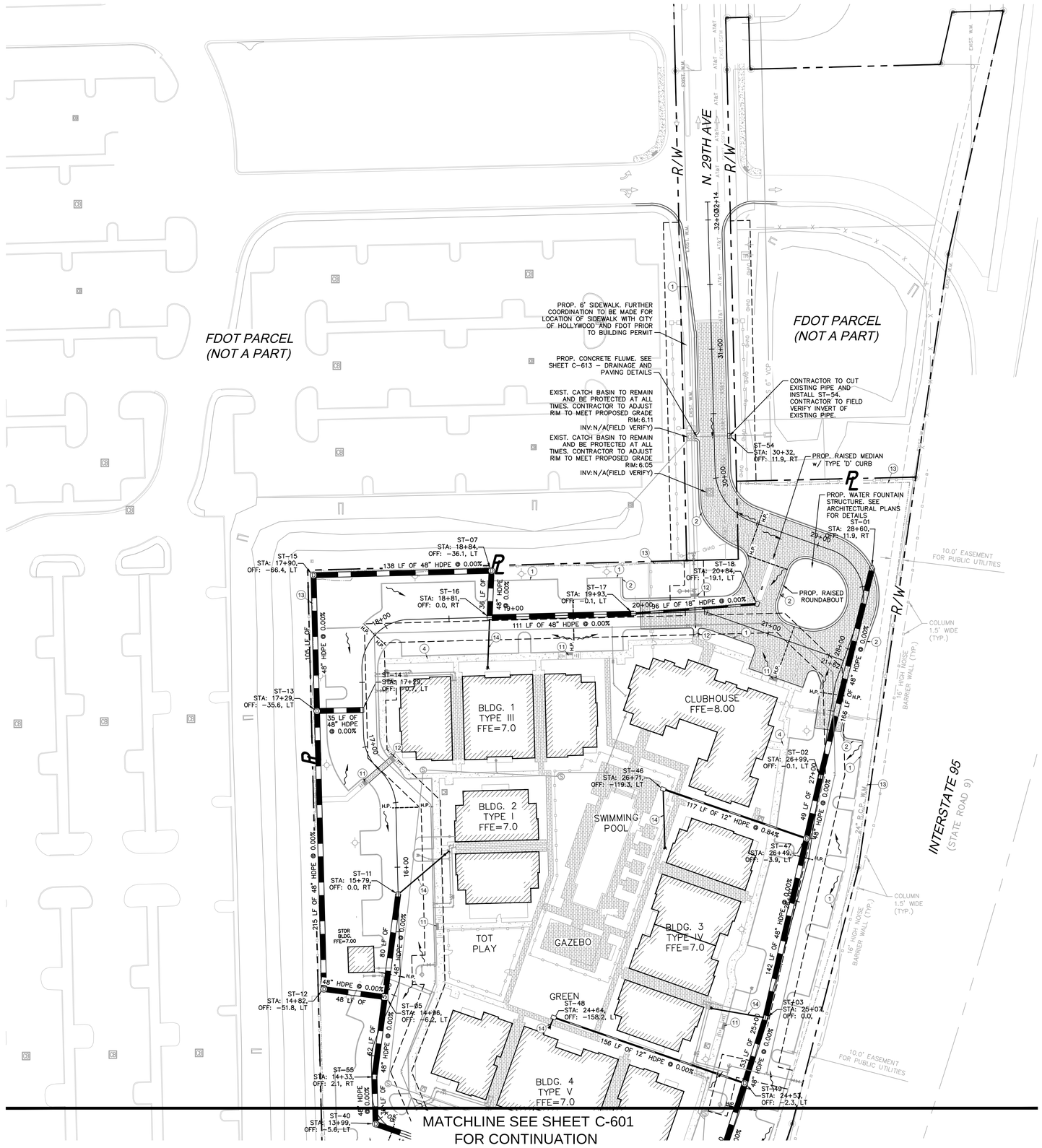

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. DRAINAGE STRUCTURES
- PROP. DRAINAGE PIPE
- +6.36 EXISTING GRADES (NAVD88)
- PROP. BRICK PAVERS
- PROP. CONCRETE
- PROP. DRY RETENTION AREA
- PROP. WET RETENTION POND AREA
- 3.5 PROP. RETENTION AREA ELEVATION CONTOURS
- PROP. LAKE MAINTENANCE EASEMENT
- H.P. HIGH POINT
- H.P. FLOW ARROW
- PROP. TYPE. 'D' CURB
- PROP. TYPE. 'F' CURB
- PROP ROOF LEADER CLEAN OUT

GRAPHIC SCALE IN FEET
0 20 40 80

NOTES:

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DRAINAGE STRUCTURE TABLE

STRUCTURE	STRUCTURE TYPE	RIM ELEV.	INVERT ELEVATION	STRUCTURE DETAILS
ST-01	CURB INLET	RIM = 4.75	(48") -1.75 (S)	6' DIA. TYPE 'J' PER FDOT INDEX 200 W/ USF 2339, 465
ST-02	CATCH BASIN	RIM = 5.00	(48") -1.75 (N) (48") -1.75 (S)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-03	CATCH BASIN	RIM = 4.75	(48") -1.75 (N) (6") 1.25 (W) (48") -1.75 (S)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-05	STORM MANHOLE	RIM = 6.08	(48") -1.75 (W) (48") -1.75 (N) (48") -1.85 (S)	TYPE 'J' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-07	STORM MANHOLE	RIM = 6.35	(48") -1.75 (S) (48") -1.75 (W)	TYPE 'J' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-11	CATCH BASIN	RIM = 5.25	(6") 0.50 (NE) (48") -1.75 (S)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-12	STORM MANHOLE	RIM = 6.55	(48") -1.75 (N) (48") -1.75 (E)	TYPE 'J' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-13	STORM MANHOLE	RIM = 6.32	(48") -1.75 (N) (48") -1.75 (E) (48") -1.75 (S)	TYPE 'J' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-14	CATCH BASIN	RIM = 4.75	(48") -1.75 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-15	STORM MANHOLE	RIM = 6.17	(48") -1.75 (E) (48") -1.75 (S)	TYPE 'J' MH CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-16	CATCH BASIN	RIM = 4.75	(48") -1.75 (E) (6") 1.00 (S) (48") -1.75 (N)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-17	CATCH BASIN	RIM = 5.25	(18") 0.30 (E) (48") -1.75 (W)	TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-18	CATCH BASIN	RIM = 5.25	(18") 0.30 (W)	TYPE 'C' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-46	DRAIN BASIN	RIM = 6.08	(6") 3.05 (S) (12") 2.45 (E)	ADS DRAIN BASIN 18" DIA. W/ STANDARD GRATE OR APPR. EQUAL
ST-47	STORM MANHOLE	RIM = 5.96	(48") -1.75 (N) (12") 1.46 (W) (48") -1.75 (S)	TYPE 'H' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-48	DRAIN BASIN	RIM = 6.46	(6") 3.41 (SW) (12") 2.33 (E)	ADS DRAIN BASIN 18" DIA. W/ STANDARD GRATE OR APPR. EQUAL
ST-49	STORM MANHOLE	RIM = 5.83	(48") -1.75 (N) (12") 2.33 (W) (48") -1.75 (S)	TYPE 'H' MH PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-54	CATCH BASIN	RIM = 6.03		TYPE 'H' CB PER CITY OF HOLLYWOOD STANDARD DETAILS
ST-55	CATCH BASIN	RIM = 4.75	(48") -1.85 (N) (48") -1.75 (S)	TYPE 'J' CB PER CITY OF HOLLYWOOD STANDARD DETAILS

SITE PLAN LEGEND

1. PROP. TYPE 'D' CURB PER FDOT INDEX 300
2. PROP. TYPE 'F' CURB AND GUTTER PER FDOT INDEX 300
3. PROP. HEAVY DUTY CONCRETE
4. PROP. 5.5' SIDEWALK
5. PROP. 8' SIDEWALK
6. PROP. BOTTOM OF RETENTION
7. PROP. TOP OF DRY RETENTION BANK
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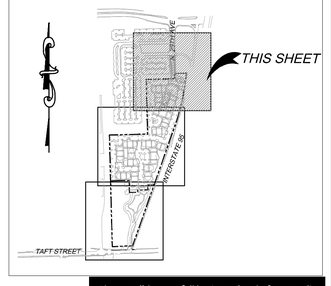
14. 6" ROOF LEADER WITH CLEAN OUT
15. 10" HDPE TO STORM CHAMBERS

KEY MAP



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LICENSED PROFESSIONAL
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73908
DATE:

KHA PROJECT 043105002
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DRAWN BY SE
CHECKED BY CF

DRAINAGE PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-602

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-602 DRAINAGE PLAN January 15, 2015 01:05:48pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Station\Multi-Family\CADD\Plan Sheets\C-602 DRAINAGE PLAN.dwg
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MATCHLINE SEE SHEET C-608 FOR CONTINUATION

CSX RAILROAD

R/W

INTERSTATE 95
(STATE ROAD 9)

10.0' EASEMENT FOR PUBLIC UTILITIES

ST-38
RIM: 2.50

ST-39
RIM: 1.50

ST-50
RIM: 4.89

ST-51
RIM: -0.99

CONTRACTOR TO MATCH EXISTING AT 4:1 MAX (TYP.)

CONTRACTOR TO MATCH EXISTING AT 4:1 MAX (TYP.)

PROP. LAKE MAINTENANCE BOAT RAMP

FOUNTAIN
WET RETENTION POND
±0.79AC.

PROP. 20.0' LAKE MAINTENANCE EASEMENT

END VALLEY GUTTER

3' TRANSITION CURB

BEGIN VALLEY GUTTER

SIDEWALK TO BE FLUSH WITH EDGE OF PAVEMENT

1' HEADER CURB

EXIST. COLUMNS

LIMITS OF SHERIDAN STATION ON-SITE GRADING-SEE TAFT STREET GRADING PLANS FOR CONTINUATION

TAFT STREET

EXISTING 10" C.I.P. F.M.

EXISTING 48" D.I.P. F.M.

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. DRAINAGE STRUCTURES
- PROP. DRAINAGE PIPE
- EXISTING GRADES (NAVD88)
- PROP. CONCRETE
- PROP. HEAVY DUTY CONCRETE PAD
- PROPOSED DRY RETENTION AREA
- PROPOSED WET RETENTION AREA
- PROPOSED 2" ASPHALT SURFACE
- PROPOSED BRICK PAVERS
- PROPOSED RETENTION AREA ELEVATION CONTOURS
- PROPOSED 20.0' LAKE MAINTENANCE EASEMENT
- HIGH POINT
- FLOW ARROW
- PROPOSED GRADES (NAVD88)
- MATCH TO EXISTING GRADE
- FEMA FLOOD ZONE BOUNDARY

GRAPHIC SCALE IN FEET
0 15 30 60

NOTES:

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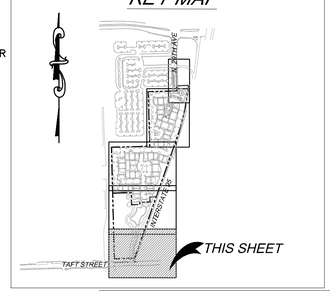
5. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FPL ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
6. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY THE POWER LINES.
7. ALL WALKWAYS SHALL HAVE A MAXIMUM SLOPE LESS THAN 2% PERPENDICULAR TO THE DIRECTION OF TRAVEL AND LESS THAN 5% IN THE DIRECTION OF TRAVEL. ALL PEDESTRIAN CURBS SHALL HAVE A MAXIMUM SLOPE OF 1:12 (V:H). ALL LANDINGS AT STAIRS AND RAMPS SHALL HAVE A MAXIMUM SLOPE OF 2% (BOTH DIRECTIONS).
8. THE ASPHALT PAVEMENT SURFACE WITHIN HANDICAP PARKING STALLS AND ACCESS AISLES SHALL NOT EXCEED 2% IN ANY DIRECTION.
9. ALL MAXIMUM SLOPES ARE ABSOLUTE AND SUPERSEDE CONSTRUCTION TOLERANCES STATED IN THE PROJECT SPECIFICATIONS. THE CONTRACTOR HAS THE OPTION OF ADJUSTING GRADES TO ALLOW FOR CONSTRUCTION TOLERANCES BUT SHALL NOT EXCEED MAXIMUMS SPECIFIED ABOVE BY ANY AMOUNT. PAVEMENTS SLOPES WILL BE REVIEWED AFTER CONSTRUCTION AND ANY PAVEMENTS FOUND TO EXCEED THE MAXIMUMS SPECIFIED ABOVE WILL BE REPLACED AT THE CONTRACTORS EXPENSE.
10. ALL CUT AND FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED.
11. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
12. THE CONTRACTOR SHALL CONTACT THE SITE ENGINEER REGARDING ANY GRADING REVISIONS PRIOR TO CONSTRUCTION OF THE PAVEMENT AREAS.
13. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

SITE PLAN LEGEND

1. PROP. TYPE 'D' CURB
2. PROP. TYPE 'F' CURB AND GUTTER
3. PROP. ADA RAMP SEE SH. C-101.1 FOR DETAILS
4. PROP. 5.5' SIDEWALK
5. PROP. 8' SIDEWALK
6. PROP. BOTTOM OF RETENTION
7. PROP. TOP OF BANK
8. PROP. EDGE OF WATER
9. PROP. TOP OF BERM- 25 YEAR 3 DAY 6.5'
10. PROP. STAIRS SEE ARCH. DETAIL

KEY MAP



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WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

PAVING AND GRADING PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-607

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-607 PAVING AND GRADING PLAN January 15, 2015 01:08:18pm K:\FTL_Civil\043_jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-606 PAVING AND GRADING PLAN.dwg
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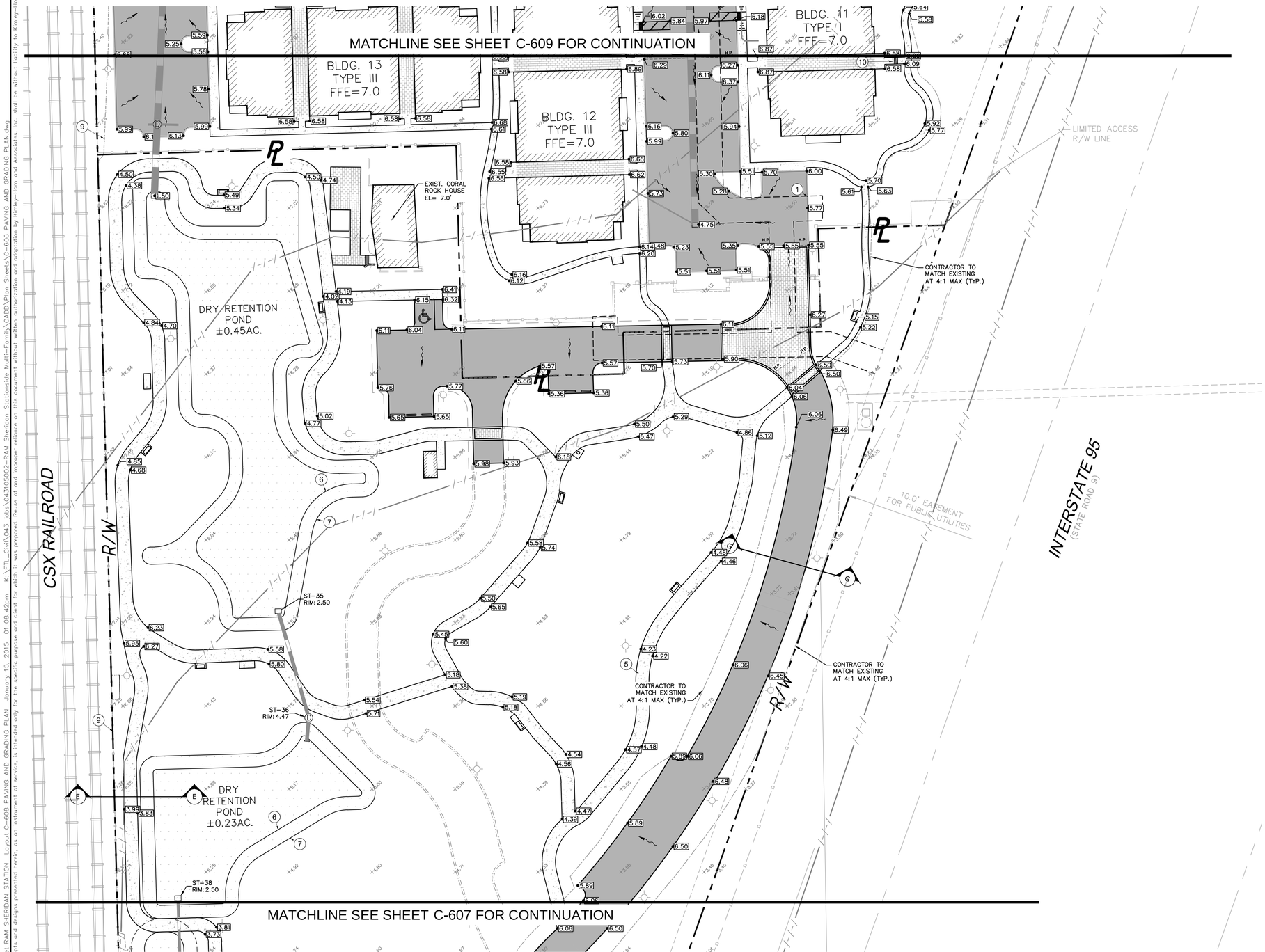

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. DRAINAGE STRUCTURES
- PROP. DRAINAGE PIPE
- EXISTING GRADES (NAVD88)
- PROP. CONCRETE
- PROP. HEAVY DUTY CONCRETE PAD
- PROPOSED DRY RETENTION AREA
- PROPOSED WET RETENTION AREA
- PROPOSED 2" ASPHALT SURFACE
- PROPOSED BRICK PAVERS
- PROPOSED RETENTION AREA ELEVATION CONTOURS
- PROPOSED 20.0' LAKE MAINTENANCE EASEMENT
- H.P. H.P. HIGH POINT
- FLOW ARROW
- PROPOSED GRADES (NAVD88)
- MATCH TO EXISTING GRADE
- FEMA FLOOD ZONE BOUNDARY

GRAPHIC SCALE IN FEET
0 15 30 60

NOTES:

1. FFE ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM (NAVD) 88.
2. REFER TO SHEET C-613 AND SHEET C-614 FOR DRAINAGE DETAILS.
3. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
4. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FPL ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
6. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY THE POWER LINES.
7. ALL WALKWAYS SHALL HAVE A MAXIMUM SLOPE LESS THAN 2% PERPENDICULAR TO THE DIRECTION OF TRAVEL AND LESS THAN 5% IN THE DIRECTION OF TRAVEL. ALL PEDESTRIAN CURBS SHALL HAVE A MAXIMUM SLOPE OF 1:12 (V:H). ALL LANDINGS AT STAIRS AND RAMPS SHALL HAVE A MAXIMUM SLOPE OF 2% (BOTH DIRECTIONS).
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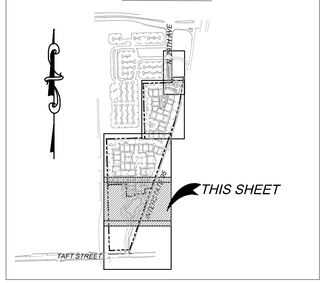
12. THE CONTRACTOR SHALL CONTACT THE SITE ENGINEER REGARDING ANY GRADING REVISIONS PRIOR TO CONSTRUCTION OF THE PAVEMENT AREAS.
13. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

SITE PLAN LEGEND

1. PROP. TYPE 'D' CURB
2. PROP. TYPE 'F' CURB AND GUTTER
3. PROP. ADA RAMP SEE SH. C-101.1 FOR DETAILS
4. PROP. 5.5' SIDEWALK
5. PROP. 8' SIDEWALK
6. PROP. BOTTOM OF RETENTION
7. PROP. TOP OF BANK
8. PROP. EDGE OF WATER
9. PROP. TOP OF BERM- 25 YEAR 3 DAY 6.5'
10. PROP. STAIRS SEE ARCH. DETAIL

KEY MAP



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No.	REVISIONS	DATE	BY

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002		DESIGNED BY	SE
DATE	1/13/2015	DRAWN BY	SE
SCALE	AS SHOWN	CHECKED BY	CF

PAVING AND GRADING PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-608

Plotted By: Ebrahimi, Sina Sheet Set: RAM SHERIDAN STATION Layout: C-608 PAVING AND GRADING PLAN January 15, 2015 01:08:42pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-606 PAVING AND GRADING PLAN.dwg
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MATCHLINE SEE SHEET C-610 FOR CONTINUATION

MATCHLINE SEE SHEET C-608 FOR CONTINUATION

BLDG. 6 TYPE III FFE=7.0

BLDG. 16 TYPE III FFE=7.0

BLDG. 8 TYPE III FFE=7.0

BLDG. 7 TYPE I FFE=7.0

BLDG. 15 TYPE II FFE=7.0

BLDG. 17 TYPE III FFE=7.0

BLDG. 9 TYPE IV FFE=7.0

BLDG 14 TYPE III FFE=7.0

BLDG. 10 TYPE II FFE=7.0

BLDG. 11 TYPE I FFE=7.0

BLDG. TYPE III FFE=7.0

CSX RAILROAD R/W

R/W

LIMITED ACCESS R/W LINE

INTERSTATE 95 WEST R/W LINE

10' EASEMENT FOR PUBLIC UTILITIES

CONTRACTOR TO MATCH EXISTING AT 4:1 MAX (TYP.)

LEGEND:

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- FEMA FLOOD ZONE BOUNDARY

GRAPHIC SCALE IN FEET
0 15 30 60

NOTES:

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SITE PLAN LEGEND

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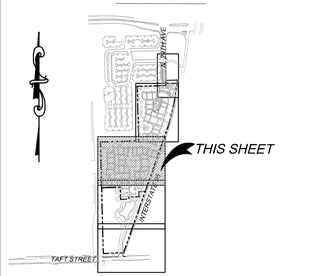
KEY MAP



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WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002			
DATE 1/13/2015	SCALE AS SHOWN	DESIGNED BY SE	DRAWN BY SE
		CHECKED BY CF	

PAVING AND GRADING PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-609

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-609 PAVING AND GRADING PLAN January 15, 2015 01:09:08pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Station\Side Multi-Family\CADD\Plan Sheets\C-606 PAVING AND GRADING PLAN.dwg
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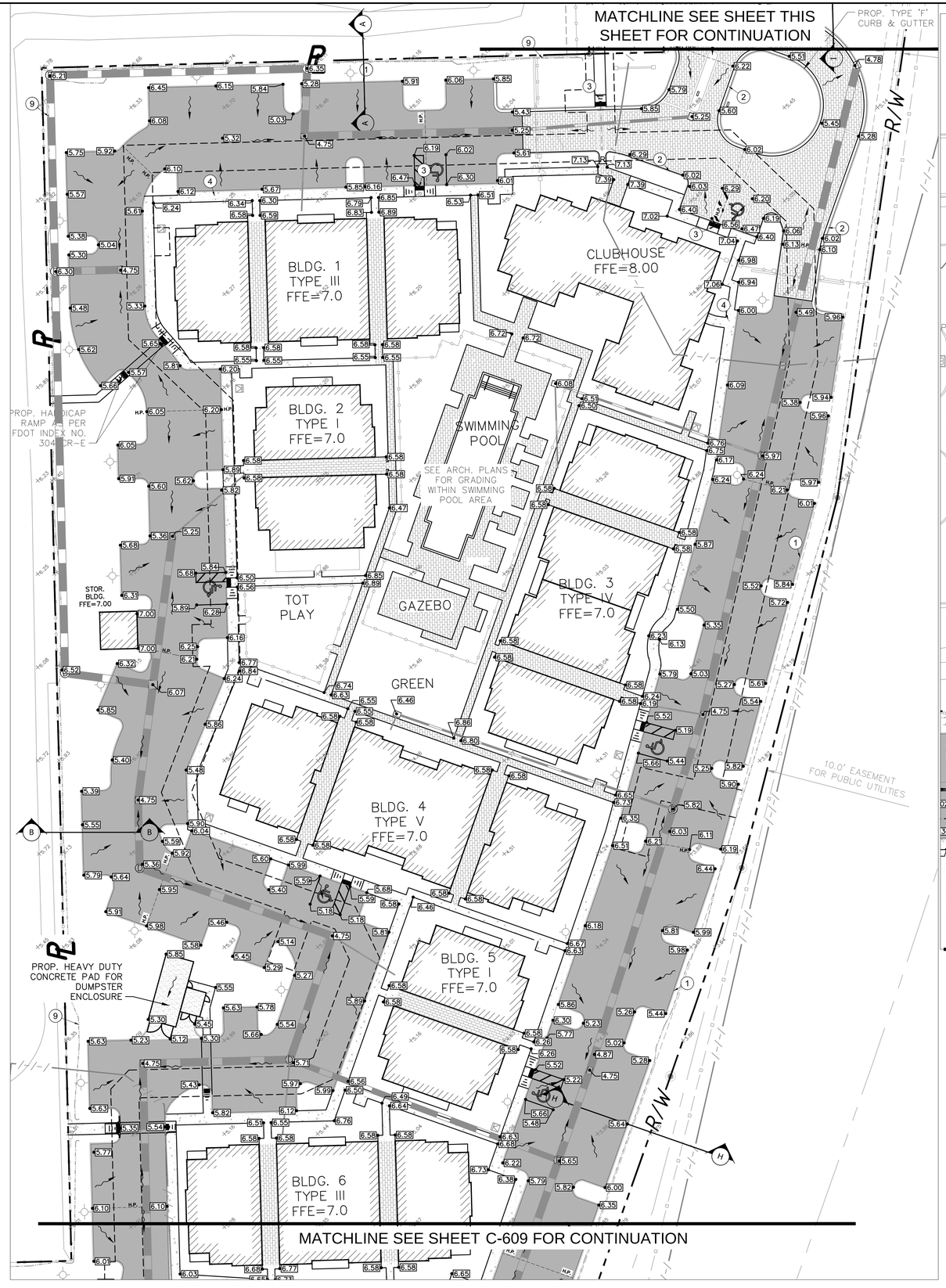

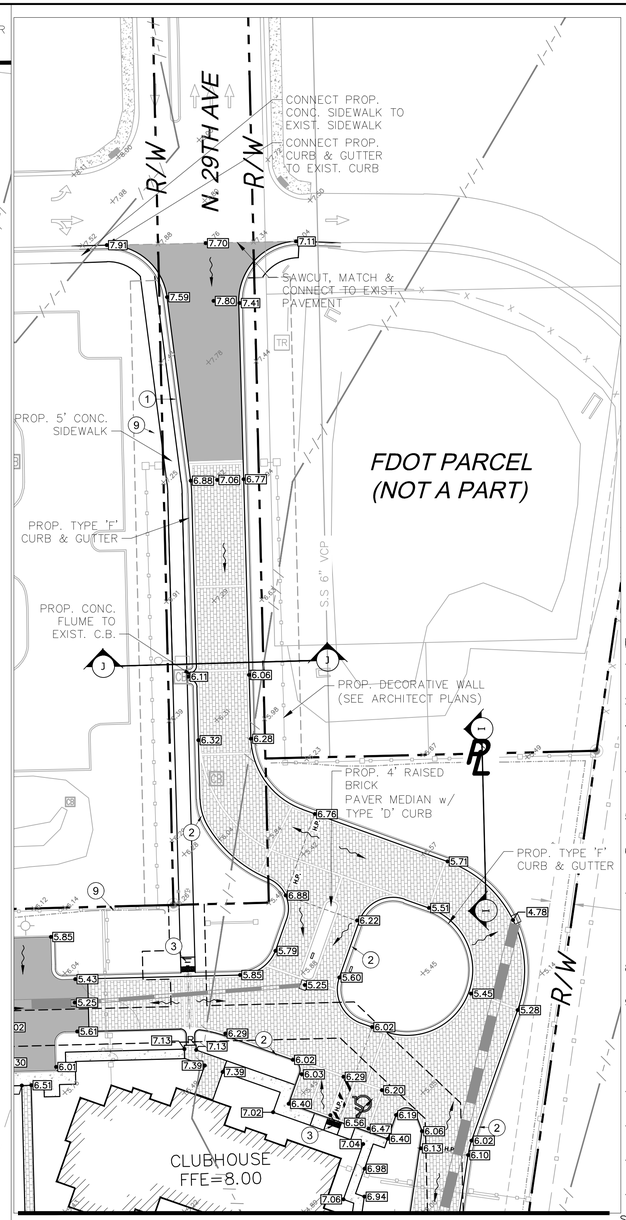

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SITE PLAN LEGEND

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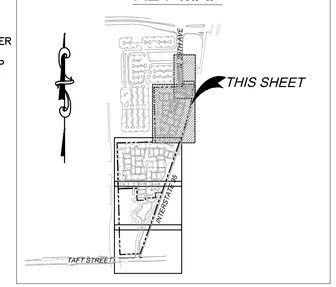
KEY MAP



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WWW.KIMLEY-HORN.COM CA 00000696

NO.	REVISIONS	DATE	BY

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT	043105002
DATE	1/13/2015
SCALE	AS SHOWN
DESIGNED BY	SE
DRAWN BY	SE
CHECKED BY	CF

PAVING AND GRADING PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-610

Plotted By: Ebrahimi, Sina Sheet Set: RAM SHERIDAN STATION Layout: C-610 PAVING AND GRADING PLAN January 15, 2015 01:09:40pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-606 PAVING AND GRADING PLAN.dwg
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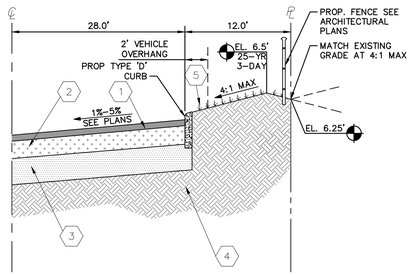
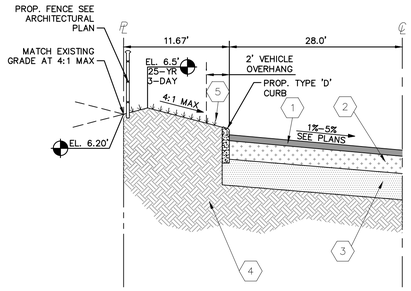


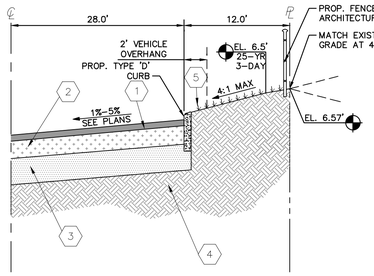
SECTION A-A

SCALE: N.T.S.



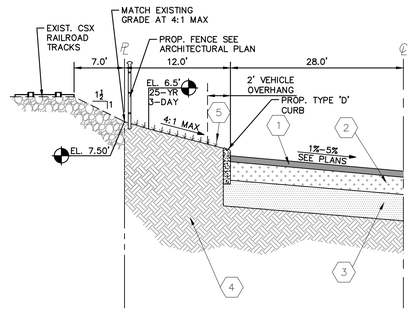
SECTION B-B

SCALE: N.T.S.



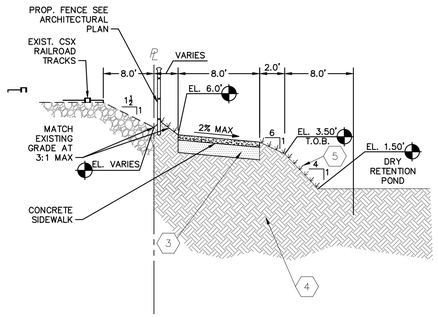
SECTION C-C

SCALE: N.T.S.



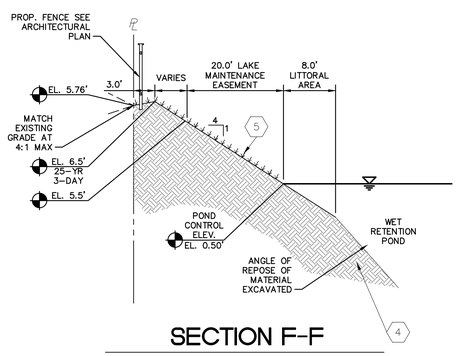
SECTION D-D

SCALE: N.T.S.



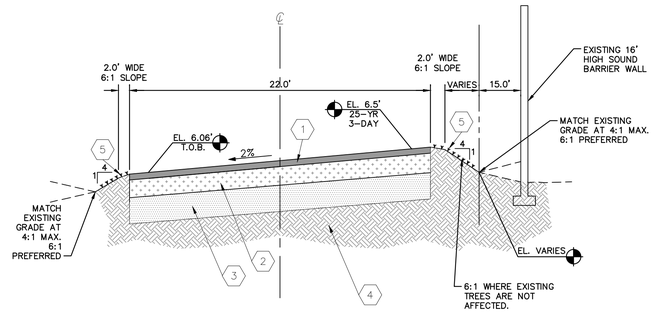
SECTION E-E

SCALE: N.T.S.



SECTION F-F

SCALE: N.T.S.

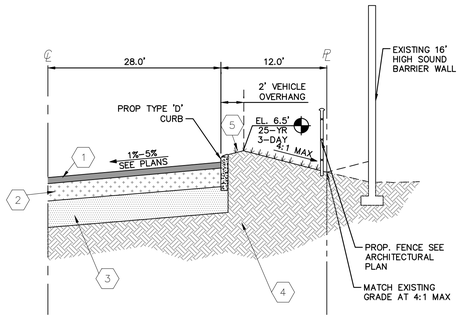


SECTION G-G

SCALE: N.T.S.

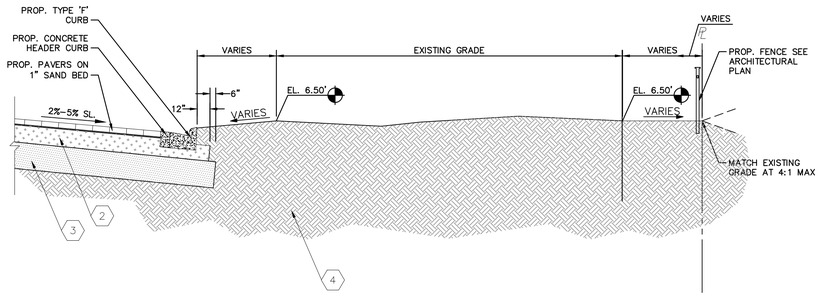
PAVING LEGEND

1. 2" ASPHALT SURFACE TYPE S-1 OR APPROVED EQUAL
2. 8" LIMEROCK BASE COMPACTED IN 2 LIFTS WITH MINIMUM LBR OF 100
3. 12" THICK SUBGRADE COMPACTED AND STABILIZED WITH MINIMUM DESIGN LBR OF 40 COMPACTED TO AT LEAST 98% OF MAXIMUM DRY DENSITY (AASHTO T-100)
4. EXISTING SUBGRADE
5. SOD



SECTION H-H

SCALE: N.T.S.



SECTION I-I

SCALE: N.T.S.

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TYPICAL ROADWAY SECTIONS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-611

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-611 TYPICAL ROADWAY SECTIONS January 15, 2015 01:09:49pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-612 TYPICAL ROADWAY SECTIONS.dwg
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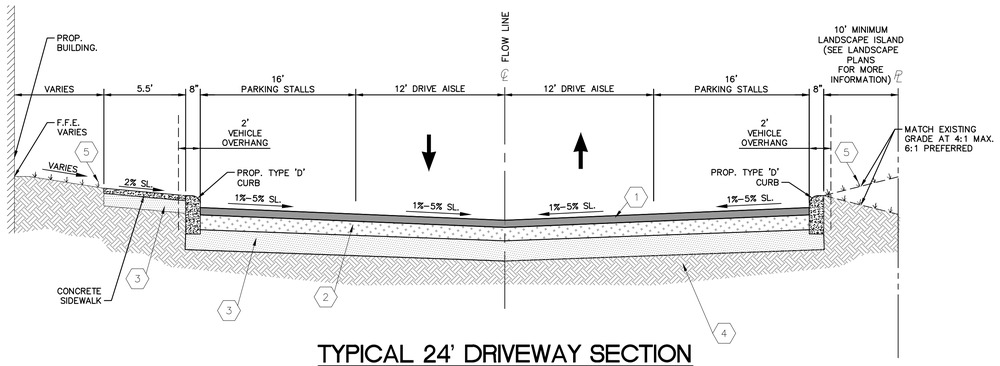
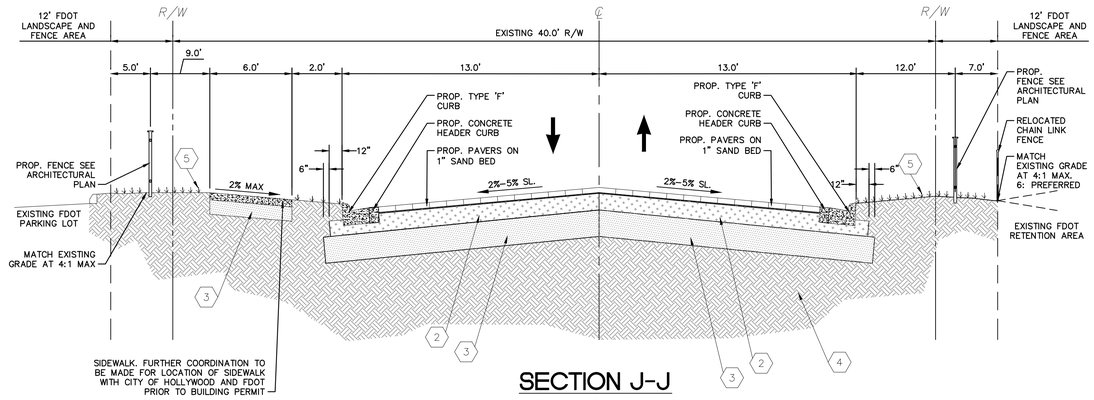


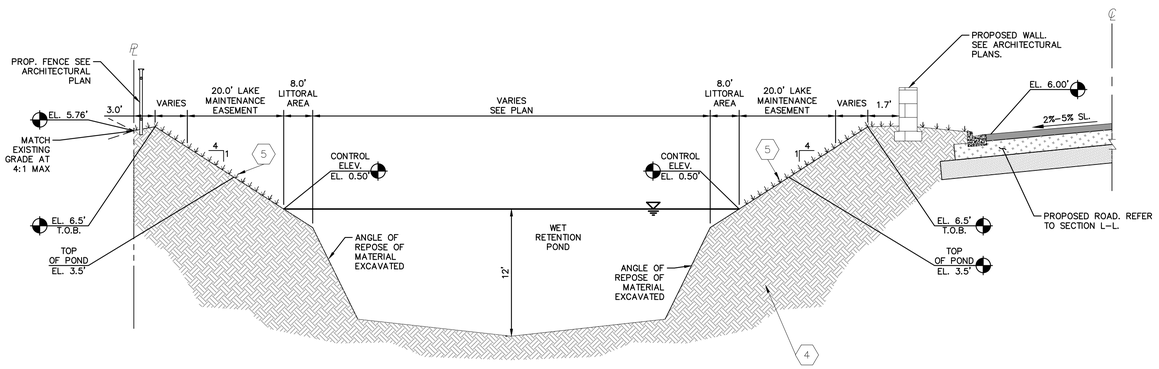
TYPICAL 24' DRIVEWAY SECTION

SCALE: N.T.S.



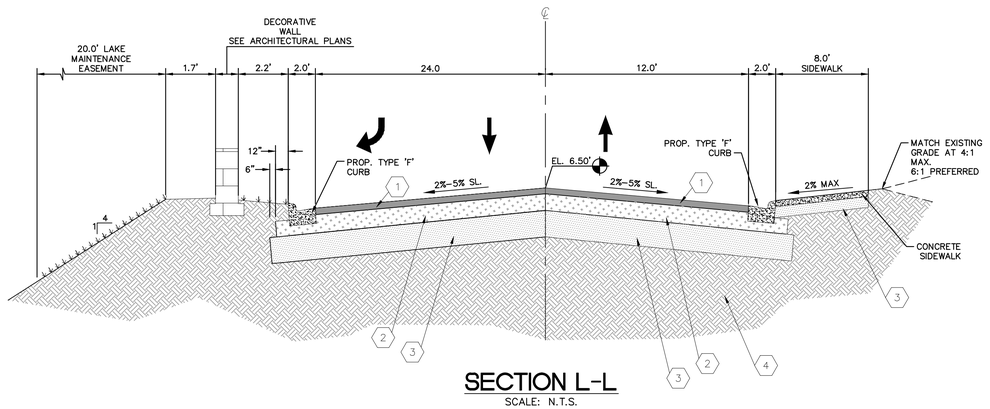
SECTION J-J
NW 29 AVE

SCALE: N.T.S.



WET RETENTION POND
SECTION K-K

SCALE: N.T.S.



SECTION L-L

SCALE: N.T.S.

PAVING LEGEND

1. 2" ASPHALT SURFACE TYPE S-1 OR APPROVED EQUAL
2. 8" LIMEROCK BASE COMPACTED IN 2 LIFTS WITH MINIMUM LBR OF 100
3. 12" THICK SUBGRADE COMPACTED AND STABILIZED WITH MINIMUM DESIGN LBR OF 40 COMPACTED TO AT LEAST 98% OF MAXIMUM DRY DENSITY (AASHTO T-100)
4. EXISTING SUBGRADE
5. SOD

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No.	REVISIONS	DATE	BY

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600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324
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WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908

KHA PROJECT	043105002
DATE	1/13/2015
SCALE	AS SHOWN
DESIGNED BY	SE
DRAWN BY	SE
CHECKED BY	CF
DATE:	

TYPICAL ROADWAY SECTIONS

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-612

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-612 TYPICAL ROADWAY SECTIONS January 15, 2015 01:09:52pm K:\FTL_Civil\043_Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-612 TYPICAL ROADWAY SECTIONS.dwg
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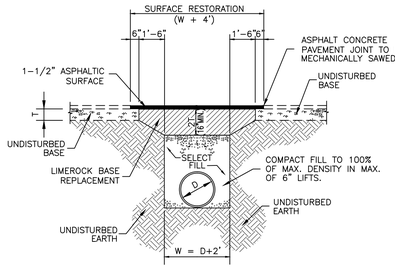
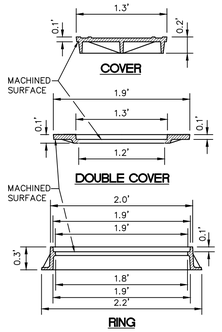
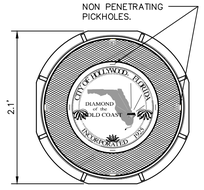


PAVEMENT RESTORATION AND TRENCH DETAIL

SCALE: N.T.S.





NOTE:

1- MATERIAL: ASTM-A48 CLASS 30 B GRAY IRON.
2- COVER WGT: 190 LBS. APP.
3- DOUBLE COVER WGT: 220 LBS. APP.
4- RING WGT: 220 LBS. APP.
5- INNER COVER USES USF XB DRAG.

RING AND COVER w/CITY OF HOLLYWOOD LOGO

N.T.S.

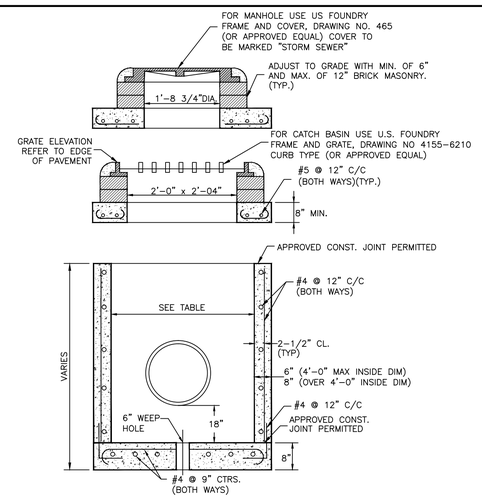
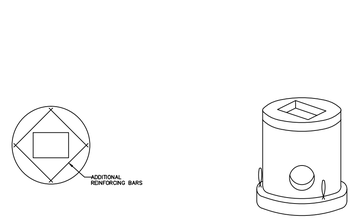


TABLE OF INSIDE DIMENSIONS FOR RECTANGULAR STRUCTURES		
STRUCTURE TYPE	INLET	MANHOLE
B	3'-0" X 3'-0"	3'-0" X 3'-0"
C	3'-0" X 4'-0"	3'-0" X 4'-0"
D	3'-0" X 5'-0"	3'-0" X 5'-0"
F	4'-0" X 4'-0"	4'-0" X 4'-0"
G	4'-0" X 5'-0"	4'-0" X 5'-0"
H	5'-0" X 6'-0"	5'-0" X 6'-0"
J	6'-0" X 6'-0"	6'-0" X 6'-0"
K	4'-0" X 6'-0"	4'-0" X 6'-0"
L	3'-0" X 6'-0"	3'-0" X 6'-0"
M	5'-0" X 5'-0"	5'-0" X 5'-0"

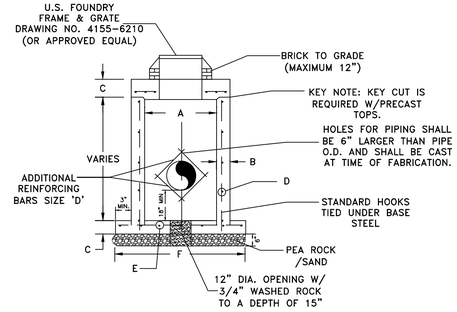
DRAINAGE STRUCTURES

N.T.S.



USF # 4155 FRAME & GRATE

TABLE OF DIMENSIONS						
TYPE	A	B	C	D-C.C.E.W.	E-C.C.E.W.	F
P∅, P⊕	3'-6"	6"	8"	#4 AT 12"	#4 AT 12"	4'-10"
C-4, C-4⊕	4'-0"	8"	8"	#4 AT 12"	#4 AT 12"	5'-10"
C-5	5'-0"	8"	8"	#5 AT 12"	#5 AT 12"	6'-10"
C-6	6'-0"	8"	10"	#5 AT 12"	#5 AT 6"	7'-10"
C-7	7'-0"	8	10"	#5 AT 12"	#5 AT 6"	8'-10"
C-8	8'-0"	10"	10"	2-W.W.M. W/#4 @12" C.C. VERT.	#5 AT 6"	10'-2"

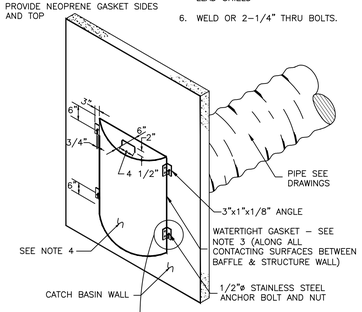


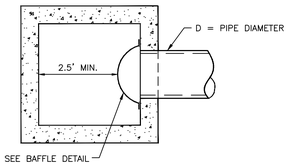
PRECAST ROUND OR RECTANGULAR CATCH BASIN

N.T.S.

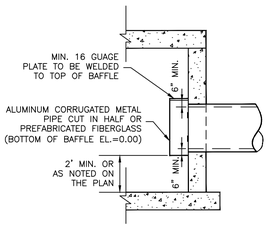
NOTE:

1. CONTRACTOR TO VERIFY THAT BAFFLE WILL FIT STRUCTURE I.D.
2. DEBRIS BAFFLE REQUIRED AT CATCH BASINS CONNECTED DIRECTLY TO PROPOSED DRAIN FIELD.
3. PROVIDE NEOPRENE GASKET SIDES AND TOP
4. SECTION OF A.C.M.P. CUT IN HALF OR EQUIVALENT PREFABRICATED FIBERGLASS. BAFFLE DIAMETER TO BE AS PER TABLE 1
5. 1/2" GALVANIZED LAG BOLT IN LEAD SHIELD
6. WELD OR 2-1/4" THRU BOLTS.

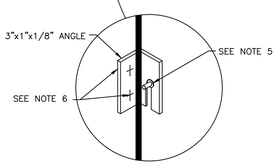




PLAN



ELEVATION

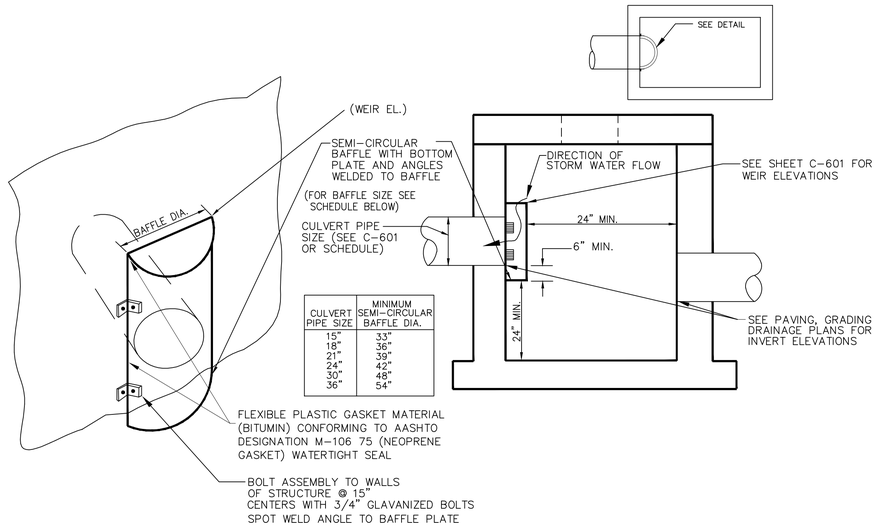


BRACKET DETAIL

TABLE 1	
D	BAFFLE DIA.
10"	15"
15"	24"
18"	30"
24"	36"
30"	48"
36"	54"

BAFFLE DETAIL

SCALE: N.T.S.



CULVERT PIPE SIZE	MINIMUM SEMI-CIRCULAR BAFFLE DIA.
15"	33"
18"	36"
21"	39"
24"	42"
30"	48"
36"	54"

NOTES: HALF ROUND PLATE TO BE WELDED TO BOTTOM FOR OVERFLOW.

INVERTED BAFFLE BASIN

N.T.S.

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

DRAINAGE AND PAVING DETAILS

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-613

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-613 DRAINAGE AND PAVING DETAILS January 15, 2015 01:10:05pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-614 DRAINAGE AND PAVING DETAILS.dwg
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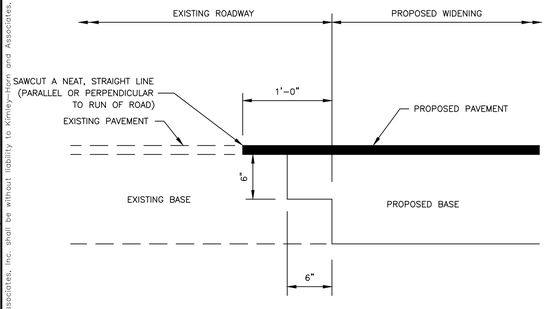
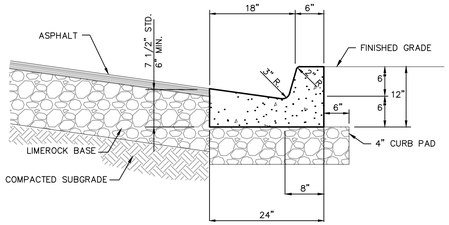
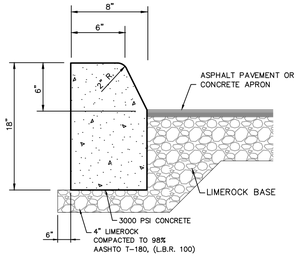


SAWCUT DETAIL
N.T.S.

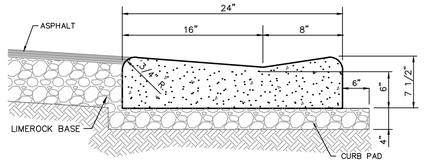


NOTE:
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN.

TYPE "F" CURB AND GUTTER
SCALE: N.T.S.



TYPE 'D' CURB
SCALE: N.T.S.

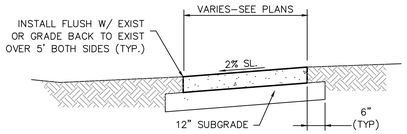


DROP CURB
SCALE: N.T.S.

TABLE OF SIDEWALK THICKNESS - "T"	
LOCATION	"T"
NON-TRAFFIC AREAS	4"
AT DRIVEWAYS AND OTHER AREAS	6"

NOTE: CONCRETE TO BE 3,000 P.S.I. AT 28 DAYS

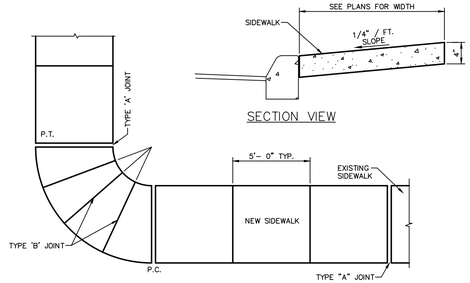
TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	P.C. AND P.T. OF CURVES.
'B'	5'-0" CENTER TO CENTER ON SIDEWALKS.
'C'	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES. JUNCTION OF EXISTING AND NEW SIDEWALKS. AT 100' INTERVALS (MIN.)

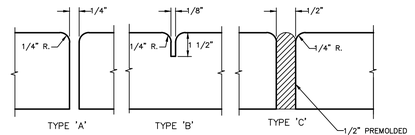


HANDICAP RAMP AS REQUIRED

NOTES:
1. PROVIDE 1/8" CONSTRUCTION JOINTS AT 5' c.c., MINIMUM DEPTH 1-1/2".
2. PROVIDE 1/2" EXPANSION JOINTS W/ NON-RISING FILLER AT 100'o.c. TO RUN FULL DEPTH OF SLAB.
3. PROVIDE 6" THICKNESS FOR ALL DRIVEWAYS.
4. REINFORCE DRIVEWAYS WITH 6/6 10:10 WELDED WIRE MESH.
5. CONCRETE TO BE 3000 psi IN 28 DAYS.
6. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

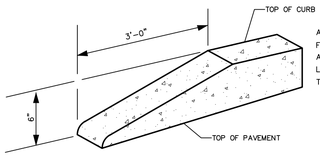
SIDEWALK CONSTRUCTION
SCALE: N.T.S.





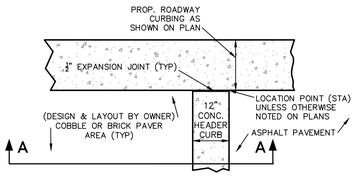
SIDEWALK JOINTS

SIDEWALK CONSTRUCTION
SCALE: N.T.S.

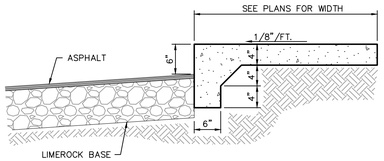


ALL CURBS TO HAVE STANDARD 3' TRANSITION FROM 6" HEIGHT TO FLUSH (0" HEIGHT). A STANDARD TEMPLATE SHALL BE USED AT ALL LOCATIONS TO PROVIDE UNIFORM CURB TRANSITION THROUGHOUT THE PROJECT.

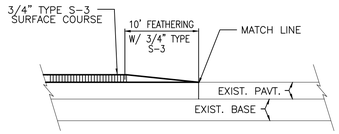
CURB TRANSITION
SCALE: N.T.S.



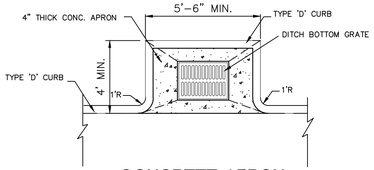
PLAN



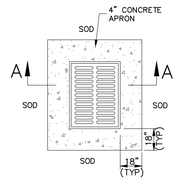
RAISED CONCRETE SIDEWALK
SCALE: N.T.S.



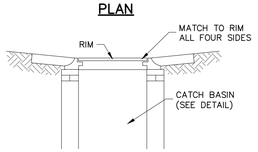
ASPHALT TRANSITION DETAIL AT BEGINNING OR ENDING OF RESURFACING OR NEW CONSTRUCTION
SCALE: N.T.S.



CONCRETE APRON
N.T.S.

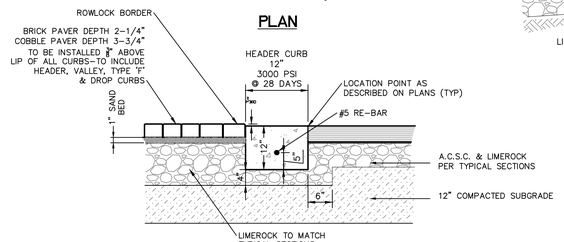


PLAN



SECTION 'A – A'

CONCRETE APRON w/INLET
SCALE: N.T.S.

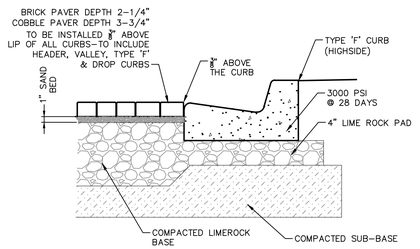


SECTION A-A

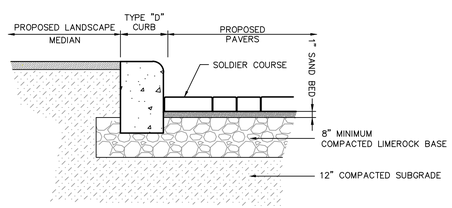
NOTE:
SEE SHEET C200.4 FOR LIMEROCK AND SUBGRADE QUALITY AND COMPACTION NOTES

HEADER CURB SHALL BE PROTECTED FROM DAMAGE DURING THE CONSTRUCTION PERIOD AND REPLACED AT NO COST TO THE OWNER IF DAMAGED.

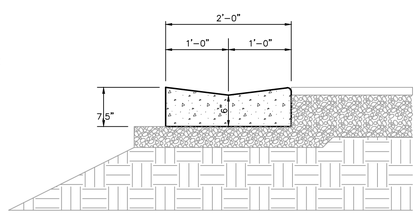
VEHICULAR BRICK PAVERS w/HEADER CURB DETAIL
SCALE: N.T.S.



VEHICULAR BRICK PAVERS w/TYPE 'F' CURB DETAIL
SCALE: N.T.S.

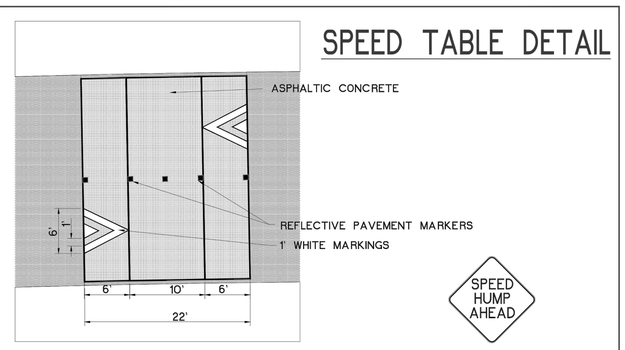


VEHICULAR CONC. PAVERS AT TRANSITION TO "D" CURB
SCALE: N.T.S.



VALLEY GUTTER
SCALE: N.T.S.

SPEED TABLE DETAIL



CITY OF HOLLYWOOD, FLORIDA	SPEED TABLE DETAIL		
DEPARTMENT OF BUILDING AND ENGINEERING SERVICES	DETAIL	DESIGNED BY R.A.G.	SCALE N.T.S.
ENGINEERING DIVISION		DRAWN BY R.A.G.	PROJECT No.
		CHECKED BY	SHEET No. 1
		DATE 5/19/05	OF 1 SHEETS

APPROVED BY: CITY ENGINEER

APPROVED BY: CITY ENGINEER

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No.	REVISIONS	DATE	BY

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WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002			
DATE 1/13/2015	SCALE AS SHOWN	DESIGNED BY SE	
		DRAWN BY SE	
		CHECKED BY CF	

DRAINAGE AND PAVING DETAILS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-614

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-614 DRAINAGE AND PAVING DETAILS January 15, 2015 01:10:09pm K:\FTL_Civil\043_jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-614 DRAINAGE AND PAVING DETAILS.dwg
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WATER MAIN AND SERVICE SPECIFICATIONS:

1. ALL NEW WATER MAINS SHALL BE INSTALLED, CLEANED, DISINFECTED AND BACTERIOLOGICALLY CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST ANSI/AWWA STANDARDS.
2. DUCTILE IRON WATER MAINS 4" OR LARGER SHALL BE CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-91 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-90, UNLESS OTHERWISE NOTED. PVC PIPE 6" OR LARGER SHALL BE DR 18 CONFORMING AWWA C-900.
3. FITTINGS SHALL BE DUCTILE IRON MEETING ANSI/AWWA C153/A21.53-88 SPECIFICATIONS, WITH 250 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-90.
4. FOR METERS UP TO SIZE 2" THE SERVICE LINE AND SERVICE LINE FITTINGS SHALL BE SCHEDULE 80 PVC, SOLVENT WELD ONLY EXCEPT FOR THREADED NIPPLES AND BUSHINGS AND CONFORM TO THE SPECIFICATIONS AS SET FORTH IN ASTM D-1785 AND ASTM D-2467. FITTINGS MUST ALSO CARRY THE NATIONAL SANITARY FOUNDATION STANDARD 14 APPROVAL FOR POTABLE WATER, AS MANUFACTURED BY SPEARS, R.G. SLOAN, OR APPROVED EQUAL.
5. GATE VALVES 4" AND LARGER SHALL BE RESILIENT SEATED OF THE MJ TYPE AND SHALL CONFORM TO THE STANDARDS OF ANSI/AWWA C509-87. ALL RESILIENT SEAT VALVES MUST BE BI-DIRECTIONAL.
6. VALVE BOXES SHALL BE OPELIKA No. 19, NO SUBSTITUTIONS.
7. TAPPING SLEEVES SHALL BE MUELLER H-615, CLOW F-5205 OR, APPROVED BY THE UTILITIES DEPARTMENT.
8. METER COUPLINGS SHALL BE OUTSIDE I.P. THREAD BY METER SWIVEL NUT BRASS COUPLING, MANUFACTURED BY MUELLER #H-10890 FOR 5/8" AND 1" METERS, NO SUBSTITUTIONS.
9. CORPORATION STOPS SHALL BE 2" MUELLER #H-10046.
10. CURB STOPS SHALL BE BALL VALVE AS MANUFACTURED BY THE FORD METER BOX COMPANY, INC., WABASH, INDIANA, OR APPROVED EQUAL. A. FOR 5/8" METER CATALOG # BL11-233W-3.75. B. FOR 1" METER CATALOG # BL11-344W-4.5.
11. TAPPING VALVES 4" AND LARGER SHALL BE RESILIANT WEDGE TYPE MEETING ANSI/AWWA C509-87. ALL TAPPING VALVES MUST HAVE A CAST-IN ALIGNMENT RING AND BE CAPABLE OF ACCEPTING A FULL SIZE CUTTER. TAPPING VALVES SHALL BE CLOW OR AMERICAN DARLING ONLY.
12. DRESSER COUPLINGS SHALL BE REGULAR BLACK COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE AND P.V.C. THEY SHALL BE DRESSER STYLE 90 WITH NO SUBSTITUTIONS.
13. THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30", EXCEPT IN THE CASE OF PVC PIPE WHICH REQUIRES A MINIMUM COVER OF 36".
14. WHEN PVC PIPE IS USED, A METALLIZED MARKER TAPE SHALL BE INSTALLED CONTINUOUSLY 18" ABOVE THE PIPE. THE MARKER TAPE SHOULD BE IMPRINTED WITH A WARNING THAT THERE IS BURIED PIPE BELOW. THE TAPE SHALL BE MAGNA TEC, AS MANUFACTURED BY THOR ENTERPRISES INC. OR APPROVED EQUAL.
15. FIRE HYDRANTS SHALL BE TRAFFIC BREAKAWAY MUELLER SUPER CENTURION 200 MODEL No.A-423 OR CLOW MEDALLION F-2546-5B.
16. FIRE HYDRANTS SHALL BE INSTALLED WITH THE CENTER OF THE HOSE NOZZLE 18" ABOVE FINISHED GRADE, FACING THE STREET. CONTROL GATE VALVE SHALL BE USED FOR 1-1/2" AND 2" METERS INSTEAD OF CURB STOPS AND SHALL BE INSTALLED IN METER BOX. CONTROL GATE VALVE SHALL BE NIBCO-SCOTT T-133 OR T-136 WITH NO SUBSTITUTIONS ALLOWED.

GENERAL NOTES-WATER MAIN

HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATERMAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES AND ON SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

1. NEW OR RELOCATED UNDERGROUND WATERMAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED SEWER, STORMWATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 2-610, F.A.C.
2. NEW OR RELOCATED UNDERGROUND WATERMAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
3. NEW OR RELOCATED UNDERGROUND WATERMAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY OR PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATERMAINS AND GRAVITY TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATERMAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
4. NEW OR RELOCATED UNDERGROUND WATERMAINS SHALL BE LAID TO PROVIDE A MINIMUM HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATERMAIN AND ON-SITE SEWAGE TREATMENT AND DISPOSAL ALL PARTS OF ANY EXISTING OR PROPOSED AS DEFINED IN SECTION 381.0065(2), F.S. AND RULE 64E-6.002, F.A.C. SYSTEM

VERTICAL SEPARATION BETWEEN UNDERGROUND WATERMAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

1. NEW OR RELOCATED UNDERGROUND WATERMAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY OR VACUUM TYPE SANITARY OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST SIX INCHES, AND PREFERABLY TWELVE INCHES ABOVE, OR AT LEAST TWELVE INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATERMAIN ABOVE THE OTHER PIPELINE.
2. NEW OR RELOCATED UNDERGROUND WATERMAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPE LINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST TWELVE INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATERMAIN ABOVE THE OTHER PIPELINE.
3. AT THE UTILITY CROSSING DESCRIBED IN PARAGRAPH 1 AND 2 ABOVE, ONE FULL LENGTH OF WATERMAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATERMAIN JOINTS SHALL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATERMAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM TYPE SANITARY SEWER, STORM SEWERS, STORMWATER FORCEMAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE TYPE SANITARY SEWERS, WASTEWATER FORCEMAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER III 62-610, F.A.C.

WATER MAIN SYSTEM NOTES:

1. PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
2. ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD.
3. BACTERIOLOGICAL TESTS SHALL BE CONDUCTED BY THE CONTRACTOR.
4. ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE METERED, AND THE COST OF WATER AND TEMPORARY METER SHALL BE BORNE BY THE CONTRACTOR.
5. ALL PIPE ETC. SHALL BE TESTED UNDER A CONSTANT PRESSURE OF 150 PSI (FIRE MAINS TO BE TESTED TO 200 PSI) FOR 2 HOURS AND SHALL NOT EXCEED THE LEAKAGE REQUIREMENTS AS PER ANSI/AWWA SPECIFICATIONS OF C600-93 LEAKAGE FORMULA:

$$Q = \frac{S\,D\sqrt{P}}{133{,}200}$$

Q=ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
S=TOTAL LENGTH OF PIPE TESTED IN FEET.
D=DIAMETER OF THE PIPE TESTED IN INCHES.
P=AVERAGE TEST PRESSURE IN POUNDS PER SQUARE INCH.

6. DISINFECTION MAINS SHALL COMPLY WITH ANSI/AWWA C-651-92 STANDARD. BACTERIOLOGICAL SAMPLING POINT SHALL BE AS DESIGNATED ON THE ENGINEERING PLANS.
7. MINIMUM CLEARANCE BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 2', AND MAXIMUM DEFECTION PER EACH JOINT SHALL BE 3' WHERE DEFLECTION IS REQUIRED.
8. 48 HOURS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT, "CALL SUNSHINE" (1-800-432-1770), F.P. & L., AND CABLE TV IN ORDER TO LOCATE EXISTING UNDERGROUND UTILITIES.
9. THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND ARE BASED ON AS-BUILT INFORMATION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFLICTS WITH EXISTING UTILITIES SHALL BE REPORTED TO THE ENGINEER AND CITY. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
10. TAPPING SLEEVES SHALL BE MUELLER H-615 (O.A.E.). TAPPING VALVES 4" AND LARGER SHALL BE RESILIENT WEDGE TYPE MEETING ANSI/AWWA C509-94. ALL TAPPING VALVES SHALL HAVE A CAST-IN ALIGNMENT RING AND BE CAPABLE OF ACCEPTING A FULL-SIZE CUTTER.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTYFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THERON.
12. PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBAA IRON INC., MEGALUG OR APPROVED EQUAL. JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF ONE JOINT FROM ANY FITTING.
13. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

TESTING:

1. AN AS-BUILT SURVEY OF THE WATER SYSTEM, PREPARED BY A REGISTERED SURVEYOR SHALL BE PROVIDED TO THE ENGINEER PRIOR TO FINAL INSPECTION. THE AS-BUILT SURVEY SHALL SHOW LOCATIONS AND PIPE ELEVATIONS AT EACH VALVE, FITTING, BEND, AND AT INTERVALS NOT TO EXCEED 100 FT.

GENERAL NOTES-SEWER

1. THE CITY OF HOLLYWOOD WILL HOLD A PRE-CONSTRUCTION MEETING PRIOR TO THE START OF ANY PROJECT. IT SHALL INCLUDE A REPRESENTATIVE OF THE CITY OF HOLLYWOOD ENGINEERING DEPARTMENT, THE ENGINEER OF RECORD, THE CONTRACTOR AND ANY OTHER APPLICABLE AGENCY.
2. ALL MATERIAL, INSTALLATION, TESTING AND SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF HOLLYWOOD AND BROWARD COUNTY HEALTH DEPARTMENTS CURRENT STANDARDS. WHERE DISCREPANCIES, OMISSIONS OR MODIFICATIONS EXIST BETWEEN THE PLANS, BROWARD COUNTY HEALTH DEPARTMENT AND THE CITY OF HOLLYWOOD MINIMUM CONSTRUCTION SPECIFICATIONS, THE MOST STRINGENT SHALL GOVERN.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. ALL INSTALLATIONS SHALL BE MADE IN SUCH A MANNER AS NOT TO INTERFERE WITH EXISTING OR FUTURE UTILITIES, DRAINAGE OR ROADWAY CONSTRUCTION.
4. WHERE WATER AND SEWER MAINS CROSS WITH LESS THAN 18" VERTICAL CLEARANCE, THE SEWER MAIN WILL BE 20' OF DUCTILE IRON PIPE CENTERED ON THE POINT OF CROSSING. WHEN A WATER MAIN PARALLELS A SEWER MAIN, A SEPARATION OF AT LEAST 7' SHOULD BE MAINTAINED. IF A CROSSING OF THE SEWER MAIN ABOVE A WATER LINE IS UNAVOIDABLE, THEN THE ABOVE MENTIONED PRECAUTIONS SHALL BE OBSERVED REGARDLESS OF THE DISTANCE OF VERTICAL SEPARATION BETWEEN WATER AND SEWER PIPING.
5. ALL PAVEMENT RESTORATION TO BE MADE IN ACCORDANCE WITH THE CITY, COUNTY, OR STATE OF FLORIDA DOT SPECIFICATIONS, WHERE APPLICABLE.
6. SERVICES FITTINGS, LENGTH OF PIPE, AND THE LIKE, SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL ELEVATIONS SHALL BE TAKEN BY AN INDEPENDENT LICENSED STATE OF FLORIDA REGISTERED SURVEYOR AND SHOWN ON AS-BUILT PLANS SEALED BY THE SURVEYOR AND ENGINEER OF RECORD.
7. TRENCHES SHALL BE DE-WATERED TO ENABLE PIPE AND APPURTENANCES TO BE INSTALLED FREE OF WATER. IF PIPE BED IS ROCK, EXCAVATE AN EXTRA 6" AND BACKFILL WITH 3/4" GRAVEL. CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY UNSUITABLE MATERIAL ENCOUNTERED AND REPLACE WITH SUITABLE MATERIAL ALL AT THE CONTRACTORS EXPENSE.
8. BACKFILL MATERIAL FOR SEWER MAIN AND LINES SHALL BE NON-COHESIVE, NON PLASTIC MATERIAL FREE OF DEBRIS, LUMPS AND ORGANIC MATTER. BACKFILL MATERIAL PLACED WITHIN (1) FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN (2) INCHES IN DIAMETER (1" FOR PVC PIPE) AND NO STONE LARGER THAN SIX INCHES IN DIAMETER WILL BE PERMITTED IN ANY BACKFILL.
9. PVC SHALL BE LAID IN STRICT CONFORMANCE TO MANUFACTURING SPEC (JOHNS MANVILLE RING TITE PVC PIPE INSTALLATION GUIDE OR EQUAL.) BACKFILLING OF UTILITY TRENCHES WILL NOT BE ALLOWED UNTIL INSPECTED BY THE CITY UTILITIES ENGINEERING DIVISION. ALL PIPE SHALL BE INSTALLED IN COMPLIANCE WITH OSHA TRENCH AND EXCAVATION STANDARDS.
10. ALL SEWER LATERAL TIE-INS FOR NEW CONSTRUCTION MUST USE RIGID COUPLINGS OR CONNECTORS.
11. THE MINIMUM DEPTH OF COVER OVER FORCE MAINS IS 30", EXCEPT IN THE CASE OF PVC PIPE WHICH REQUIRES A MINIMUM COVER OF 36".

GENERAL NOTES & SPECIFICATION FOR WATER AND SEWER MAIN INSTALLATIONS:

1. THE CONTRACTOR SHALL MAKE EVERY REASONABLE EFFORT TO PERFORM THE WORK AND MAINTAIN SAFETY TO THE PUBLIC AND WORKERS, AND THE PROTECTION OF PROPERTY THROUGHOUT CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA STANDARDS, AS APPLICABLE. CONTRACTOR MUST COMPLY WITH TRENCH SAFETY ACT.
2. ALL UTILITY CROSSING LINES IDENTIFIED ON PLANS AND PROFILES ARE BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY UTILITY INFORMATION WITH APPROPRIATE UTILITIES AND SUNSHINE STATE ONE CALL CENTER OF FLORIDA 811. CONTRACTOR TO INCLUDE ON AS-BUILT ACCURATE ELEVATION AND LOCATION OF ALL UTILITY CONFLICTS.
3. ALL UTILITIES DAMAGED BY CONSTRUCTION MUST BE PROMPTLY REPAIRED TO THE CONDITION EXISTING PRIOR TO THE DAMAGING OF THE UTILITY. REPAIRS ARE INCIDENTAL TO THE INSTALLATION OF THE MAIN AND EXTENSIONS AND SHALL BE REPAIRED AT NO COST TO THE OWNER.
4. ALL EXISTING MANHOLES, ELECTRIC BOXES, METER BOXES, AND VALVE BOXES SHALL BE ADJUSTED TO THE PROPOSED GRADE.
5. PROPERTY DAMAGE RESULTING FROM WORK REQUIRED BY THIS CONTRACT SHALL BE CLEANED UP, REPAIRED OR REPLACED AT NO COST TO OWNER.
6. CONTRACTOR SHALL PROVIDE ALL MAINS, ALL FITTINGS, ATTACHMENTS, AND EQUIPMENT REQUIRED TO PERFORM TESTING PER CITY OF HOLLYWOOD STANDARDS. PIPE AND FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH CITY OF HOLLYWOOD STANDARD DETAILS (C-706).
7. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL INSPECTIONS.
8. ALL TRENCHES TO BE OVER-EXCAVATED A MINIMUM OF 6" TO PROVIDE FOR INSTALLATION OF ROCK BEDDING IN ACCORDANCE WITH M-DWASD STANDARDS.
9. SURFACE RESTORATION, PAVEMENT REPLACEMENT, SIDEWALK REPLACEMENT, TRENCH BACKFILLING AND COMPACTION SHALL COMPLY WITH CITY OF HOLLYWOOD STANDARDS AND THE APPLICABLE CURRENT CITY OF HOLLYWOOD PUBLIC WORKS, AND FDOT STANDARDS.
10. CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SEWER LATERALS PRIOR TO THE CONSTRUCTION OF THE SANITARY SEWER CONNECTIONS. CONTRACTOR SHALL ADJUST THE ALIGNMENT OF THE SEWER CONNECTION AND PROVIDE THE REQUIRED FITTINGS AND CLEANOUTS AS NEEDED. ALL MODIFICATIONS TO ALIGNMENT SHALL BE CLEARLY RECORDED IN THE AS-BUILT DOCUMENTS.
11. THE APPROXIMATE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS WERE PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. THE EXACT HORIZONTAL AND VERTICAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING IF "OTHER" UTILITIES (NOT SHOWN IN THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS THAT WERE NOT ANTICIPATED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
12. THE PERMITTEE WILL ENSURE THAT NO UNSAFE AREA(S) FOR PEDESTRIAN WILL REMAIN DURING ANY TIME OF CONSTRUCTION. PEDESTRIAN CONTROL FOR CLOSURE OF ROADS AND SIDEWALKS SHALL BE IN ACCORDANCE WITH THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX SERIES 600.
13. ACCESS TO REMAIN OPEN AT ALL TIMES. THE PERMITTEE SHALL PROVIDE AND MAINTAIN SAFE TEMPORARY ACCESS TO ALL ADJACENT PROPERTY AT ALL TIMES AND SHALL MAINTAIN ACCOMMODATIONS FOR INTERSECTING AND CROSSING TRAFFIC WITHIN THE CONSTRUCTION ZONE. NO ROAD OR STREET CROSSING SHALL BE BLOCKED OR UNDULY RESTRICTED AS DETERMINED BY THE ENGINEER.
14. FOR SEWER CONNECTIONS TO V.C.P., THE CONTRACTOR SHALL TELEVISE THE V.C.P. PIPE BEFORE AND AFTER INSTALLATION.
15. ANY EXISTING PUBLIC WATER SERVICE WITHIN THE PROPERTY IN CONFLICT WITH THE PROPOSED DEVELOPMENT MUST BE REMOVED AFTER ANY ASSOCIATED EASEMENT IS CLOSED AND RELEASED (AS APPLICABLE).

BROWARD COUNTY HEALTH DEPARTMENT NOTES:

1. REFERENCE TO PRESSURE TEST, TIME AND ALLOWABLE LEAKAGE FORMULA (AWWA C600-05)
2. REFERENCE TO COLOR CODING REQUIREMENTS AS PER RULE 62-555.320.
3. REFERENCE TO DISINFECTION SPECIFICATIONS AS PER AWWA C651-05.

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No.	REVISIONS	DATE	BY

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS
FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

WATER AND SEWER NOTES

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-700

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-700 WATER AND SEWER NOTES January 15, 2015 01:10:26pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-700 WATER AND SEWER NOTES.dwg
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MATCHLINE SEE SHEET C-702 FOR CONTINUATION

DRY RETENTION POND ±0.45AC.

DRY RETENTION POND ±0.23AC.

FOUNTAIN WET RETENTION POND ±0.79AC.

CSX RAILROAD

R/W

INTERSTATE 95 (STATE ROAD 9)

TAFT STREET

TAFT STREET INDUSTRIAL PARK P.B. 152, PG. 25, B.C.R.

34 LF OF 8" PVC WM

NO.: 14 STA: 18+74, 13'RT

80 LF OF 6" PVC SEWER SERVICE w/ C.O.

8" PVC @ 45°

180 LF OF 8" PVC WM

82 LF OF 8" PVC WM

27 LF OF 8" PVC WM

NO.: 8 STA: 17+54, 25'RT

36 LF OF 8" PVC WM

PROP. 24"x8" TAPPING SLEEVE, 8" VALVE AND 8" GATE VALVE PER DETAIL W-6 SHEET C-711

15 LF OF 6" PVC WM

NO.: 13 STA: 18+74, -2'LT

NO. 2

START WATERMAIN PROFILE NO. 1

PROP. 6"x3/8" WYE

107 LF OF 6" PVC WM

NO.: 3 STA: 17+69, 7'RT

PROP. 40 LF OF 3/4" PVC FOR PUMP STATION. ADD FITTINGS AS REQUIRED

PROP. LIFT STATION BY OTHERS. SEE SHEET C-710 – PUMP STATION DETAILS

PROP. 15.0 LIFT ASSEMENT (TYP.)

PROP. 3/8" HDPE WATER SERVICE FOR WATER FOUNTAIN. ADD FITTINGS AS REQUIRED

COLUMN 1.5' WIDE (TYP.)

10.0' EASEMENT FOR PUBLIC UTILITIES

16' HIGH NOISE BARRIER WALL (TYP.)

24" R.C.P. W.M.

EXIST. 24" R.C.P. WATERMAIN TO REMAIN

EXIST. 4" C.I.P. SANITARY SEWER FORCEMAIN TO BE REPLACED w/ 6" SDR-14 PVC

EXISTING SSFM TO BE CUT AND CAPPED AT PROPERTY LINE.

PROPOSED 48"x6" TAPPING SLEEVE AND 6" TAPPING VALVE PER CITY OF HOLLYWOOD DETAIL S-16 SHEET C-714.

EXIST. 8" CIP WATERMAIN TO REMAIN

EXIST. COLUMNS (TYP.)

94.0'

EXIST. 24" WATER MAIN

EXISTING 10" C.I.P F.M.

EXISTING 48" D.I.P. F.M.

EXISTING 4" C.I.P F.M.

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. SANITARY SEWER LATERAL CONNECTION w/ C.O.
- PROP. SANITARY SEWER MAIN
- PROP. WATER MAIN AND GATE VALVE
- EXIST. W.M. — EXIST. WATER MAIN
- EXIST. S.S.F.M. — EXIST. SANITARY SEWER F.M.
- PROP. DRAINAGE PIPE
- SSFM — PROP SANITARY SEWER F.M.
- PROP. SANITARY SEWER MANHOLE
- PROP. FIRE HYDRANT ASSEMBLY
- PROP. FIRE DEPARTMENT CONNECTION (FDC)
- C1 — PROP. PIPE CROSSING– SEE CONFLICT TABLE SHEET C-704

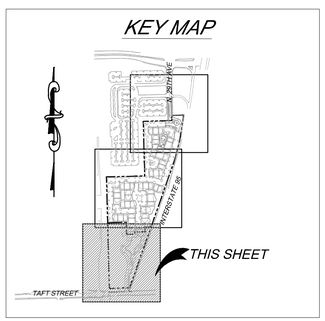
GRAPHIC SCALE IN FEET
0 20 40 80

WARNING:
PRIOR TO TAPPING, CONTRACTOR SHALL CAREFULLY EXCAVATE AND LOCATE THE EXIST. 24" W.M., AND PROTECT IT AT ALL TIMES. THIS INCLUDES THRUST BLOCKING, SHORING, AND RESTRAINING.

WATERMAIN LEGEND

NO. 1	PROP. 8" GATE VALVE PER DETAIL W-5	NO. 9	PROP. 8" 11.25° BEND
NO. 2	PROP. 6" GATE VALVE PER DETAIL W-5	NO. 10	PROP. 6" VERT. 45° BEND
		NO. 11	PROP. 6" 90° BEND
NO. 3	PROP. 8"x8" TEE	NO. 12	PROP WATER SERVICE CONNECTION POINT PER DETAIL C-711
NO. 4	PROP. 8"x6" TEE	NO. 13	PROP. 8"x6" REDUCER
NO. 5	PROP. 6"x6" TEE	NO. 14	PROP. FIRE HYDRANT PER DETAIL W-13
NO. 6	PROP. 8" 90° BEND	NO. 15	PROP. FIRE DEPT. CONNECTION
NO. 7	PROP. 8" 45° BEND	NO. 16	MECHANICAL JOINT RESTRAINT
NO. 8	PROP. 8" 22.5° BEND		

KEY MAP



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No.	REVISIONS	DATE	BY

LICENSED PROFESSIONAL ENGINEER
CHRISTOPHER THOMAS FALCE, P.E.
73908

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF
DATE:

WATER AND SEWER PLAN

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-701

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-701 WATER AND SEWER PLAN January 15, 2015 01:11:31pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-701 WATER AND SEWER PLAN.dwg
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Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-702 WATER AND SEWER PLAN January 15, 2015 01:12:14pm K:\FTL_Civil\043_jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-701 WATER AND SEWER PLAN.dwg
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MATCHLINE SEE SHEET C-703 FOR CONTINUATION

MATCHLINE SEE SHEET C-701 FOR CONTINUATION

FDOT PARCEL
(NOT A PART)

R/W

CSX RAILROAD

PROP. 15.0' UTILITY EASEMENT (TYP.)

PROP. 8" PLUG w/2" BLOWOFF

WATERMAIN PROFILE NO. 1

END WATERMAIN PROFILE NO. 2

WATERMAIN PROFILE NO. 2

START WATERMAIN PROFILE NO. 2

BLDG. 4 TYPE V FFE=7.0

BLDG. 5 TYPE I FFE=7.0

BLDG. 6 TYPE III FFE=7.0

BLDG. 7 TYPE I FFE=7.0

BLDG. 8 TYPE III FFE=7.0

BLDG. 9 TYPE IV FFE=7.0

BLDG. 10 TYPE II FFE=7.0

BLDG. 11 TYPE I FFE=7.0

BLDG. 12 TYPE III FFE=7.0

BLDG. 13 TYPE III FFE=7.0

BLDG. 14 TYPE III FFE=7.0

BLDG. 15 TYPE II FFE=7.0

BLDG. 16 TYPE III FFE=7.0

BLDG. 17 TYPE III FFE=7.0

SSMH-1 STA: 24+21, -25'LT

SSMH-2 STA: 23+63, -9'LT

SSMH-3 STA: 21+05, 15'RT

SSMH-4 STA: 19+33, 11'RT

SSMH-5 STA: 17+86, 11'RT

SSMH-6 STA: 15+84, 17'RT

SSMH-7 STA: 12+75, -8'LT

SSMH-8 STA: 11+85, -11'LT

SSMH-9 STA: 10+06, -11'LT

SSMH-12 STA: 13+48, -164'LT

SSMH-13 STA: 12+69, 99'RT

SSMH-14 STA: 11+16, -11'LT

DROP SSMH-6 STA: 13+31, -8'LT

DROP SSMH-8 STA: 11+85, -11'LT

COLUMN 1.5' WIDE (TYP.)

16' HIGH NOISE BARRIER WALL (TYP.)

EXIST. 24" R.C.P. WATERMAIN TO REMAIN

LIMITED ACCESS R/W LINE

10.0' EASEMENT FOR PUBLIC UTILITIES

INTERSTATE 95 WEST R/W LINE

24" R.C.P. W.M.

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. SANITARY SEWER LATERAL CONNECTION w/ C.O.
- PROP. SANITARY SEWER MAIN
- PROP. WATER MAIN AND GATE VALVE
- EXIST. W.M.
- EXIST. W.M.
- EXIST. S.S.F.M.
- PROP. DRAINAGE PIPE
- SSFM — SSFM — PROP SANITARY SEWER F.M.
- PROP. SANITARY SEWER MANHOLE
- PROP. FIRE HYDRANT ASSEMBLY
- PROP. FIRE DEPARTMENT CONNECTION (FDC)
- C1 PROP. PIPE CROSSING– SEE CONFLICT TABLE SHEET C–704

GRAPHIC SCALE IN FEET
0 20 40 80

SANITARY SEWER STRUCTURE TABLE

STRUCTURE NUMBER	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION
SSMH–1	SANITARY SEWER MANHOLE	RIM = 6.42	(8") 2.53 (S)
SSMH–2	SANITARY SEWER MANHOLE	RIM = 5.57	(8") 2.23 (N) (8") 0.55 (W) (8") 0.45 (S)
SSMH–3	SANITARY SEWER MANHOLE	RIM = 5.24	(8") –0.61 (N) (8") –0.71 (W)
SSMH–4	SANITARY SEWER MANHOLE	RIM = 5.03	(8") –1.38 (E) (8") –1.48 (W)
SSMH–5	SANITARY SEWER MANHOLE	RIM = 5.15	(8") –2.07 (E) (8") –2.17 (S)
SSMH–6	DROP SANITARY SEWER MANHOLE	RIM = 5.91	(8") –3.11 (N) (8") 2.43 (W) (8") –3.21 (SE)
SSMH–7	DROP SANITARY SEWER MANHOLE	RIM = 5.81	(8") –3.42 (NW) (8") –2.31 (E) (8") –3.52 (S)
SSMH–8	DROP SANITARY SEWER MANHOLE	RIM = 4.99	(8") –3.87 (N) (8") 1.98 (W) (8") –3.97 (S)
SSMH–9	SANITARY SEWER MANHOLE	RIM = 5.02	(8") –4.69 (N) (8") –4.79 (SE)
SSMH–10	SANITARY SEWER MANHOLE	RIM = 6.65	(8") 2.75 (E) (8") 2.65 (S)
SSMH–12	SANITARY SEWER MANHOLE	RIM = 6.87	(8") 3.07 (E)
SSMH–13	SANITARY SEWER MANHOLE	RIM = 5.28	(8") –1.50 (W)
SSMH–14	SANITARY SEWER MANHOLE	RIM = 5.87	(8") 2.33 (E)
SSMH–15	SANITARY SEWER MANHOLE	RIM = 7.00	(8") 3.18 (W)

WATERMAIN LEGEND

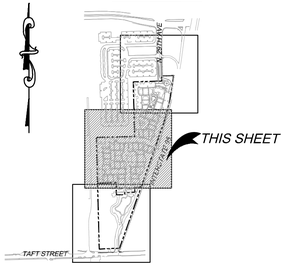
- NO. 1 PROP. 8" GATE VALVE PER DETAIL W–5
- NO. 2 PROP. 6" GATE VALVE PER DETAIL W–5
- NO. 3 PROP. 8"x8" TEE
- NO. 4 PROP. 8"x6" TEE
- NO. 5 PROP. 6"x6" TEE
- NO. 6 PROP. 8" 90° BEND
- NO. 7 PROP. 8" 45° BEND
- NO. 8 PROP. 8" 22.5° BEND
- NO. 9 PROP. 8" 11.25° BEND
- NO. 10 PROP. 6" VERT. 45° BEND
- NO. 11 PROP. 6" 90° BEND
- NO. 12 PROP WATER SERVICE CONNECTION POINT PER DETAIL C–711
- NO. 13 PROP. 8"x6" REDUCER
- NO. 14 PROP. FIRE HYDRANT PER DETAIL W–13
- NO. 15 PROP. FIRE DEPT. CONNECTION
- NO. 16 MECHANICAL JOINT RESTRAINT

TYPICAL WATER SERVICE CONNECTION

PROP. 2" PVC FIRE LINE (TYP.)
PROP. 2"x2"x2" TEE
PROP. 4"x2" REDUCER
PROP. 2" PVC FIRE LINE (TYP.)
PROP. D.D.C.V.
PROP. FDC (TYP.)
PROP. 4" PVC WATER SERVICE (TYP.)
PROP. 8"x4" TEE w/ 4" VALVE FOR FIRE SERVICE (TYP.)
PROP. 1.5"x2" CORP. STOP AND 2" HDPE WATER SERVICE (TYP.)
PROP. 8" W.M.
PROP. 15' UTILITY EASEMENT
PROP. 1" WATER METER FOR WATER SERVICE
PROP. 2" HDPE WATER SERVICE (TYP.)
BLDG.

WARNING:
PRIOR TO TAPPING, CONTRACTOR SHALL CAREFULLY EXCAVATE AND LOCATE THE EXIST. 24" W.M., AND PROTECT IT AT ALL TIMES. THIS INCLUDES THRUST BLOCKING, SHORING, AND RESTRAINING.

KEY MAP



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	REVISIONS		

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600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908

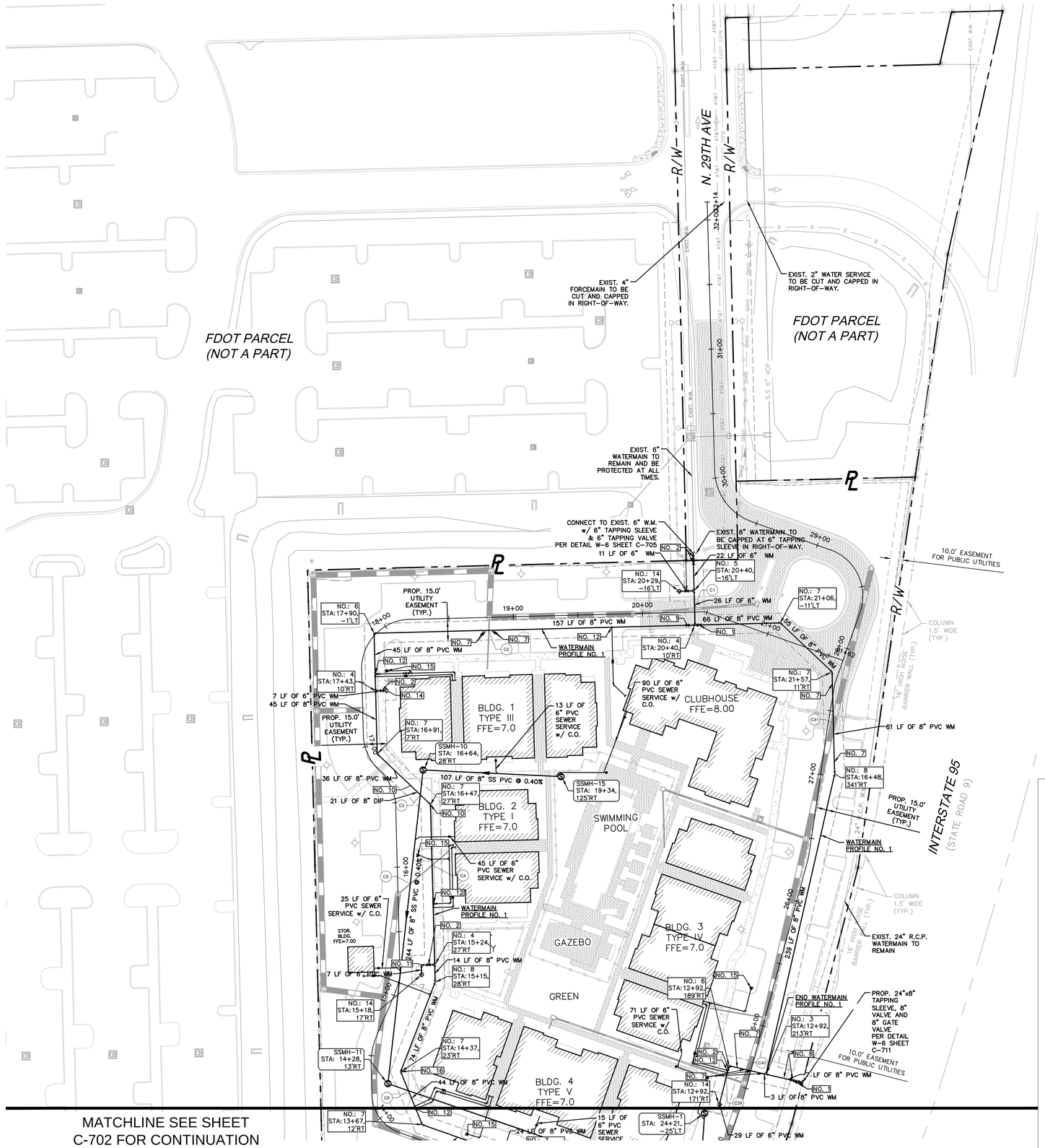
KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF
DATE:

WATER AND SEWER PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-702



MATCHLINE SEE SHEET C-702 FOR CONTINUATION

LEGEND:

- CENTER LINE OF ROADWAY
- PROPERTY LINE AND/OR RIGHT-OF-WAY
- PROP. SANITARY SEWER LATERAL CONNECTION w/ C.O.
- PROP. SANITARY SEWER MAIN
- PROP. WATER MAIN AND GATE VALVE
- EXIST. W.M. — EXIST. WATER MAIN
- EXIST. S.S.F.M. — EXIST. SANITARY SEWER F.M.
- PROP. DRAINAGE PIPE
- SSFM — PROP SANITARY SEWER F.M.
- PROP. SANITARY SEWER MANHOLE
- PROP. FIRE HYDRANT ASSEMBLY
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- C1 — PROP. PIPE CROSSING– SEE CONFLICT TABLE SHEET C-704

GRAPHIC SCALE IN FEET
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WATERMAIN LEGEND

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NO. 3	PROP. 8"x8" TEE	NO. 11	PROP. 6" 90° BEND
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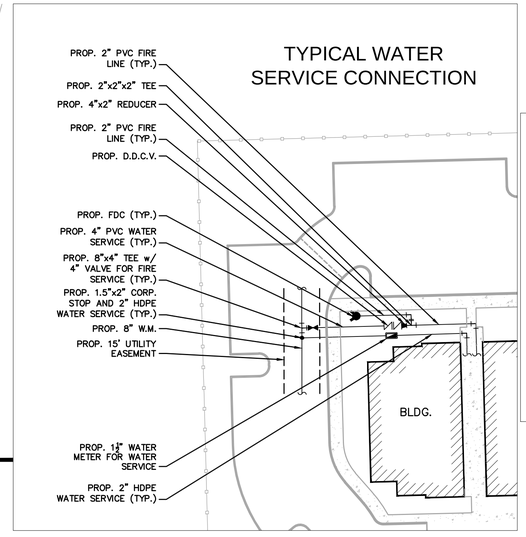
TYPICAL WATER SERVICE CONNECTION



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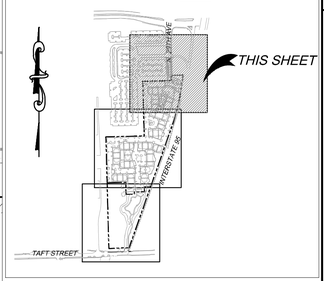
KEY MAP



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KHA PROJECT 043105002	DATE 1/13/2015	SCALE AS SHOWN	DESIGNED BY SE	DRAWN BY SE	CHECKED BY CF

WATER AND SEWER PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-703

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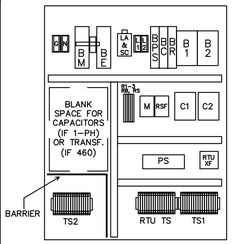
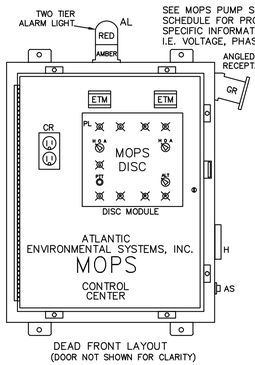


INTERIOR LAYOUT

PANEL COMPONENTS

ALT	ALTERNATOR (ON DISC)
AS	ALARM SILENCE SWITCH
B1-2	MOTOR BREAKERS
BC	CONTROL BREAKER
BE	EMERGENCY BREAKER
BM	MAIN BREAKER
BPS	POWER SUPPLY BREAKER
BR	RECEPTACLE BREAKER
C1-2	CONTACTOR, MOTOR START
CR	CONVENIENCE RECEPTACLE
DISC	DUPLEX INTRINSICALLY SAFE CONTROLLER
ETM	ELAPSED TIME METER
GR	GENERATOR RECEPTACLE
H	HORN
HOA	HAND-OFF-AUTO SWITCH (ON DISC)
LA	LIGHTNING ARRESTOR
M	MONITOR: 1PH.=VOLT, 3PH.=PHASE
PL	PILOT LIGHT (ON DISC)
PS	POWER SUPPLY
SC	SURGE CAPACITOR
TS1	TERMINAL STRIP FOR PUMPS
TS2	TERMINAL STRIP FOR FLOATS
R1-3	RELAYS
RB	BATTERY RELAY
RS	SILENCE RELAY
RSF	SEAL FAIL RELAY
RTUXF	RTU TRANSFORMER
RTU TS	RTU TERMINAL STRIP



DEAD FRONT LAYOUT
(DOOR NOT SHOWN FOR CLARITY)

SEE MOPS PUMP STATION SCHEDULE FOR PROJECT SPECIFIC INFORMATION I.E. VOLTAGE, PHASE, ETC.

NOTES:
A. NEMA 4X STAINLESS STEEL ENCLOSURE ALUMINUM INNER (DEAD FRONT) DOOR 30"H x 24"W x 8"D
B. PANEL LABELED FOR U.L. 508A "MOTOR CONTROL CENTERS" AND U.L. 698A "HAZARDOUS LOCATION PANELS" (INTRINSICALLY SAFE)
C. COMPLETE BACK-UP, SELF-CHARGING BATTERY, VISUAL/AUDIO ALARM SYSTEM, PER RSWF-45

TS1 TERMINAL SCHEDULE

	COM	SF1	SF2	T1	T2	T3	1	2	P1G	T1	T2	T3	1	2	P2G
RTU TERMINALS (IF USED)		PUMP SEAL FAIL		MOTOR 1 LEADS			MT1 MOTOR 1		EQ ND	MOTOR 2 LEADS			MT2 MOTOR 2		EQ ND

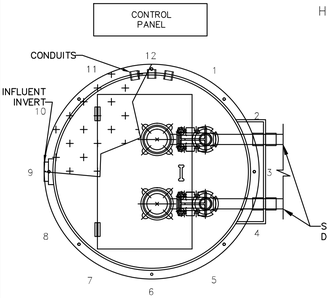
JUMPERS

1	2	3	4	5	6	7	8
FS1 ALL OFF	FS2 CALL LEAD		FS3 CALL LAG		FS4 HIGH ALARM		

TS2 TERMINAL SCHEDULE

MOPS CONTROL CENTER

CONTROL CENTER DESIGNED AND MANUFACTURED TO MEET ALL D.E.P. REQUIREMENTS. SEE SCHEDULE FOR ELECTRICAL SERVICE REQUIREMENTS.

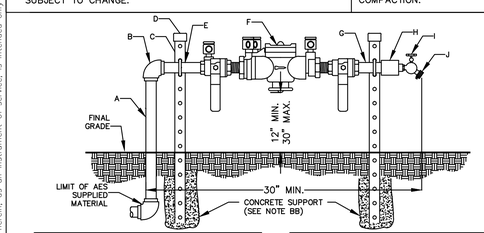


HUB AND INVERT LOCATION

ITEMS	CLOCK POSITION
DISCHARGE LINES	3:00
PRIMARY INVERT	7:00
SECONDARY INVERT	N/A
LOCATION OF CONTROL PANEL	9:00

SCHEMATIC BASED ON THE STATION'S DISCHARGE BEING LOCATED AT THE #3 CLOCK POSITION. SEE SCHEDULE FOR LOCATION OF INVERTS AND CONTROL PANEL. LOCATIONS SUBJECT TO CHANGE.

NOTE: BACKFILL AROUND LIFT STATION FROM ANTI-FLOATATION RING UP TO FINISHED GRADE SHALL BE COMMON FILL COMPACTED IN 12-INCH MAX. LIFTS TO 98% DENSITY PER AASHTO T-180. CONTRACTOR SHALL EXERCISE CARE NOT TO DAMAGE WETWELL DURING COMPACTION.

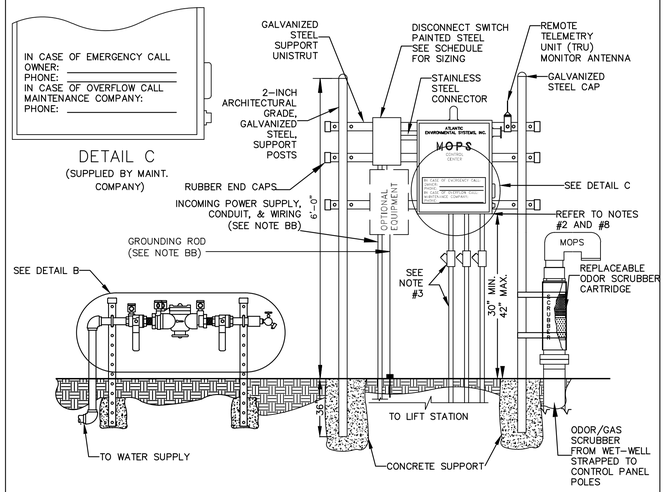


MATERIALS		
ITEM	QTY	DESCRIPTION
A	1	3/4" x 24" STAINLESS STEEL NIPPLE
B	2	3/4" x 1" STAINLESS STEEL 90o ELBOW
C	2	1" x 1" x 40" SS SUPPORT BRACKET
D	2	SUPPORT BRACKET CAPS P/N 789
E	2	3/4" STAINLESS STEEL PIPE BOLTS

MATERIALS		
ITEM	QTY	DESCRIPTION
F	1	3/4" APPROVED BACKFLOW PREVENTER
G	1	3/4" x 4" STAINLESS STEEL NIPPLE
H	1	3/4" x 3/4" STAINLESS STEEL COUPLING
I	1	3/4" BRONZE HOSE BIBB
J	1	3/4" VACUUM BREAKER

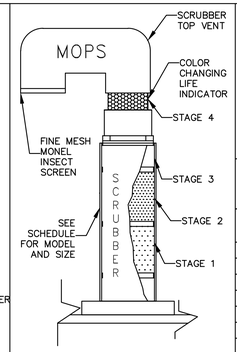
DETAIL B
R.P.Z. BACKFLOW PREVENTER ASSEMBLY DETAIL

U.S.C. AND A.S.S.E. APPROVED N.T.S.



DETAIL C
(SUPPLIED BY MAINT. COMPANY)

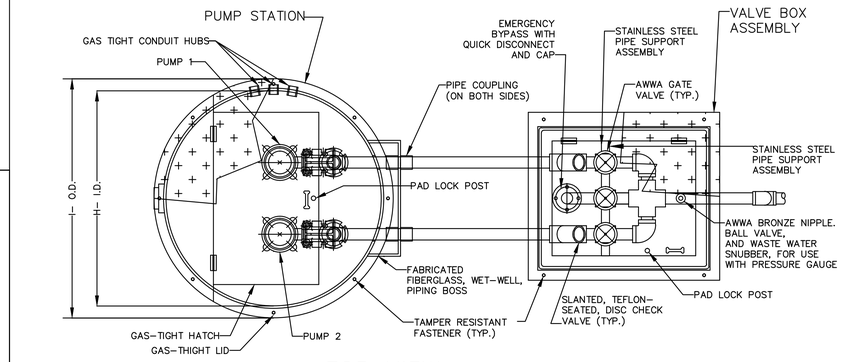
CONTROL CENTER ASSEMBLY AND INSTALLATION N.T.S.



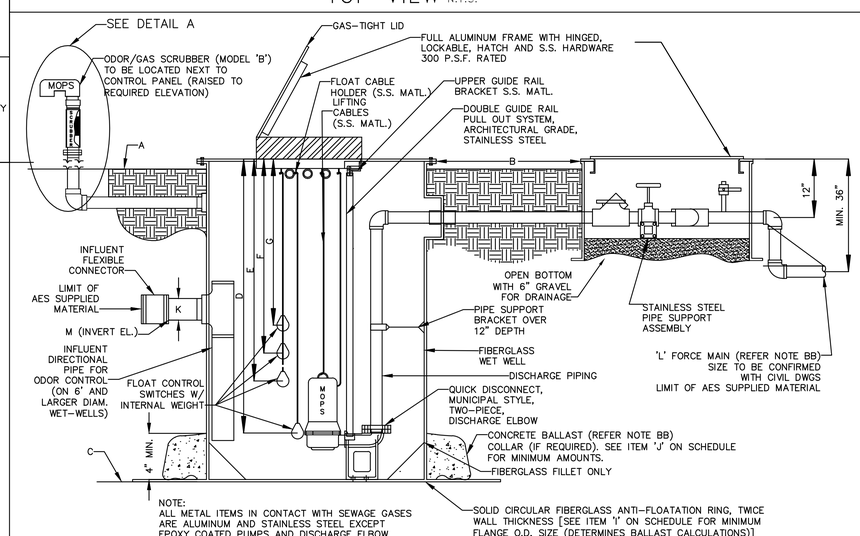
DETAIL A

MOPS ODOR/GAS SCRUBBER

NOTES:
1. SCRUBBER DESIGNED TO REMOVE TOXIC SEWAGE GASES, H2S, AND OFFENSIVE ODORS SUCH AS SKATOLES AND MERCAPTANS.
2. SCRUBBER'S LIFE EXPECTANCY CALCULATIONS ARE INCLUDED IN SHOP DRAWING SUBMITTALS.
3. SCRUBBER UNIT CAN BE MOUNTED INSIDE WET-WELL OR TOP MOUNTED.
4. SEE MOPS NOTE #9.
5. MODEL 'B' SHOWN.



TOP VIEW N.T.S.



SECTION VIEW N.T.S.

MOPS

MANUFACTURED ODORLESS PUMP STATION
ATLANTIC ENVIRONMENTAL SYSTEMS, INC.
LAKE WORTH, FL 33461
PH: (561) 547-8080 FAX: (561) 547-3999

PRIVATE SERIES

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MOPS PUMP STATION SCHEDULE

MOPS SERIES		ITEM DESCRIPTION		
INITIAL DESIGN FLOW (G.P.M.)	320		100 YEAR FLOOD ELEVATION	7.00'
INITIAL DESIGN HEAD (T.D.H.)	69		25 YEAR FLOOD ELEVATION	6.50'
SECONDARY DESIGN FLOW (G.P.M.)	480	A	GRADE ELEVATION	6.50'
SECONDARY DESIGN HEAD (T.D.H.)	57	B	TOP ELEVATION OF WET WELL	6.50'
RATED PERFORMANCE SPEED	1750 RPM	C	BOTTOM ELEVATION OF WET WELL	-13.50'
RATED MOTOR HORSEPOWER	13.0	D	ALL PUMPS OFF ELEVATION	-11.50'
SUBMERSIBLE PUMP TYPE (P-1,P-2)	NON-CLOG	E	LEAD PUMP ON ELEVATION	-7.50'
PUMP MODEL NUMBER	MOPS	F	LAG PUMP ON ELEVATION	-7.00'
SERVICE ENTRANCE VOLTAGE	230	G	HIGH ALARM ELEVATION	-6.50'
SERVICE ENTRANCE PHASE	3	H	INSIDE DIAMETER OF WET-WELL	72"
CONTROL CENTER FULL LOAD AMPS	133	I	OUTSIDE DIAMETER OF ANTI-FLOATATION RING	96"
NEMA 3R PAINTED STEEL DISCONNECT SWITCH, RATED AMPS	200	J	MINIMUM CUBIC FEET OF CONCRETE BALLAST (CU YDS)	281/(11)
WET WELL SCOURER SYSTEM	N/A	K	INVERT PIPE DIAMETER	8"
REMOTE STATION MONITOR (TELEMETRY)	W/ SA	L	FORCE MAIN DIAMETER	6"
ON-SITE GENERATOR SYSTEM	AES 150	M	PRIMARY INVERT ELEVATION	-5.77'
		N	SECONDARY INVERT ELEVATION	N/A

MOPS EQUIPMENT IDENTIFICATION	QTY.	MODEL DESIGNATION
MOPS PUMP STATION	1	A26-72240-B-13.0
MOPS VALVE BOX ASSEMBLY (VBA)	1	VBA-26
MOPS ODOR/GAS SCRUBBER (OGS)	1	OGS-B
MOPS R.P.Z. ASSEMBLY	1	75
MOPS CONTROL CENTER	1	PSC-221-13.0
MOPS DISCONNECT SWITCH	1	FDS-200-1-2-PS
MOPS CONTROL CENTER MOUNTING ASSEMBLY	1	CCMA-22GA
MOPS WET WELL SCOURER SYSTEM	0	N/A
MOPS REMOTE STATION MONITOR	1	PROVIDED WITH SERVICE AGREEMENT
1st YEAR SERVICE/MAINTENANCE CONTRACT	1	LEVEL 2 WITH REMOTE MONITOR
MOPS ON-SITE GENERATOR SYSTEM	1	AES 150
MOPS FIELD SERVICE WORK	1	CONTROL INSTALLATION & START-UP

MOPS PUMP STATION COMPLIANCE NOTES

THIS PUMP STATION DESIGN COMPLIES WITH THE FOLLOWING REQUIRED STANDARDS:
- STATE OF FLORIDA ENVIRONMENTAL PROTECTION STANDARDS
- FLORIDA ADMINISTRATIVE CODE (F.A.C.): 62-640.400- COLLECTION AND TRANSMISSION SYSTEMS
- NATIONAL ELECTRIC CODE (NEC) CLASS 1, DIVISION 1, GROUP D- HAZARDOUS LOCATIONS
- UNDERWRITER'S LABORATORIES (U.L.) 508A-MOTOR CONTROL CENTERS AND U.L. 698A-INSTRINSICALL SAFE CONTROL CENTERS
- RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES (1997 EDITION).

1. PUMPS ARE RATED BY FACTORY MUTUAL FOR CLASS 1, DIVISION 1, GROUP D ATMOSPHERES AS REQUIRED BY NEC.
2. THE CONTROL CENTER INCORPORATES INTRINSICALLY SAFE RELAYS AND IS LISTED TO U:698A INTRINSICALLY SAFE FOR CLASS 1, DIVISION 1 ATMOSPHERES.
3. THE CONDUIT PROVIDED, ALONG WITH CONDUIT GAS-SEAL-OFFS, ARE RATED FOR CLASS 1, DIVISION 1 LOCATIONS.
4. THE WASTEWATER PUMPS AND THE CONTROL CENTER INCORPORATE A MECHANICAL SEAL FAILURE DETECTION AND NOTIFICATION SYSTEM.
5. THE CONTROL CENTER INCLUDES EITHER A REMOTE TELEMETRY UNIT (RTU) OR A SELF-CHARGING, BACK-UP ALARM SYSTEM TO OPERATE ON POWER FAILURE.
6. THE PUMP STATION INCORPORATES AN ODORLESS DESIGN WITH A SCRUBBER SYSTEM TO CONTROL TOXIC GASES AND ODORS FOR COMPLIANCE TO F.A.C. 62-604.400.
7. THE BOTTOM OF THE TOP RIM ELEVATION OF PUMP STATION MUST BE LOCATED AT A HIGHER ELEVATION THAN THE 25 YEAR FLOOD ELEVATION. THE LISTED 25 YEAR FLOOD ELEVATION PROVIDED BY SITE CIVIL ENGINEER.
8. THE BOTTOM ELEVATION OF THE MOPS CONTROL CENTER MUST BE LOCATED AT A HIGHER ELEVATION THAN THE 100 YEAR FLOOD ELEVATION. THE LISTED 100 YEAR FLOOD ELEVATION PROVIDED BY THE SITE CIVIL ENGINEER.

MOPS ENGINEERING NOTES

AA. THE HORSEPOWER SHOWN ON THE SCHEDULE IS A MINIMUM HORSEPOWER REQUIREMENT BASED ON THE STATION'S DESIGN CRITERIA AND THE REQUIRE TORQUE. (LOWER RATED HORSEPOWER EQUIPMENT WILL NOT BE ACCEPTABLE.)
BB. THESE ITEMS ARE NOT SUPPLIED BY A.E.S. WITH THE MOPS STATION.
CC. INVERT ELEVATIONS BASED ON INSIDE BOTTOM OF PIPE.
DD. THE MOPS CONTROL ASSEMBLY CONSISTS OF THE FOLLOWING: CONTROL CENTER DISCONNECT SWITCH, MOUNTING ASSEMBLY, ELECTRICAL CONDUITS, AND SEAL-OFF. THESE ITEMS MUST BE SUPPLIED AND INSTALLED BY THE MOPS PUMP STATION MANUFACTURER TO VALIDATE MOPS WARRANTY PROGRAM.

THE MOPS WASTEWATER PUMP STATION DESIGN AND EQUIPMENT SHOWN ON THIS DRAWING HAS BEEN REVIEWED, PERMITTED, AND CERTIFIED AS COMPLYING WITH ALL THE STATE OF FLORIDA D.E.P. AND LOCAL REQUIREMENTS. ANY SUBSTITUTION FROM THIS DESIGN MAY REQUIRE NEW PERMITS, APPLICATION FEES, AND ENGINEERING SERVICES FOR RE-CERTIFICATION AND DESIGN REVIEW.

P.E. CERTIFICATION:

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V.P. of Engineering
Atlantic Environmental Systems, Inc., C A # 26398
2244 4th Ave. North, Lake Worth, Florida 33461
Ph: 561-547-8080 / Fax: 561-547-3999

PRIVATE PUMP STATION

REVISION	DATE	BY
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Project: SHERIDAN STATION
Prepared For: KIMLEY-HORN AND ASSOCIATES
600 N PINE ISLAND RD., STE 450, PLANTATION, FL 33324

AES Project No: 789
Date: 11/10/14

Page No. LS-1

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LICENSED PROFESSIONAL
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73908

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

PUMP STATION DETAILS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER C-710

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Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-710 PUMP STATION DETAILS January 15, 2015 01:15:51pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-710 PUMP STATION DETAILS.dwg
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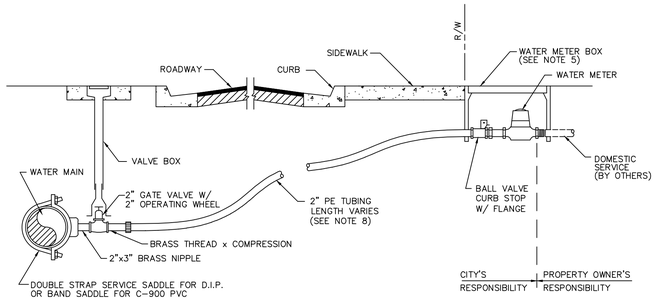
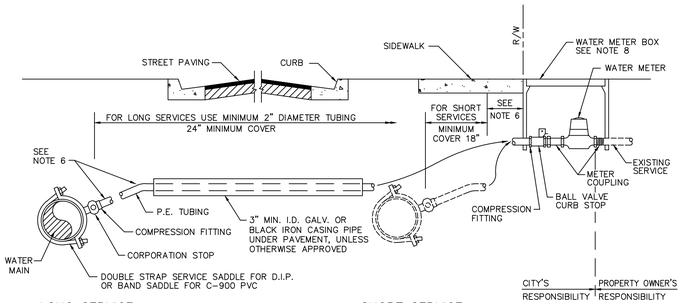


NOTES:

1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER.
2. SERVICE CONNECTIONS RUN FROM THE WATER MAIN TO THE METER AND INCLUDE THE SERVICE CLAMP, THE CORPORATION STOP OR GATE VALVE (DEPENDING ON METER SIZE), PIPING, THE CURB STOP AND ALL NECESSARY FITTINGS.
3. SERVICE CONNECTION PIPES AND FITTINGS CROSSING UNDER PAVEMENT SHALL BE A MINIMUM OF 2" IN DIAMTER.
4. THE WATER METER, METER BOX AND COVER BY THE CITY OF HOLLYWOOD.
5. ELEVATION OF TOP OF WATER METER BOX SHALL BE SET AT THE SAME ELEVATION AS PROPOSED GRADE AT BACK OF SIDEWALK AND THE METER DIAL SHALL BE MAX. 6" BELOW METER COVER.
6. EXISTING SERVICE CONNECTIONS TO BE DISCONNECTED SHALL BE REMOVED AND PLUGGED AS REQUIRED.
7. DETAIL SHALL BE SAME FOR 1 1/2" SERVICE AND METER
8. PE TUBING (POLYETHYLENE) SHALL BE IN ACCORDANCE WITH AWWA STANDARD C901.

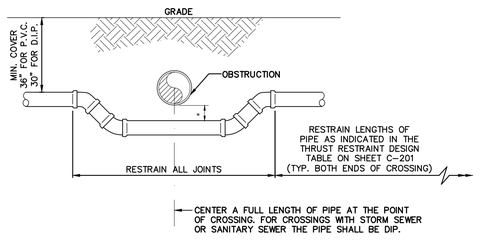
TYPICAL SERVICE CONNECTION (FOR P.E ONLY)



LONG SERVICE SHORT SERVICE

NOTES:

1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER.
2. P.E. TUBING SHALL BE IN ACCORDANCE WITH AWWA STANDARD C901, "POLYETHYLENE (P.E.) PRESSURE PIPE, TUBING, 1/2" THROUGH 3" FOR WATER".
3. SERVICE PIPE SHALL BE THE SAME SIZE AS THE WATER METER EXCEPT THAT NO SERVICE PIPE SHALL BE SMALLER THAN 1", AND PIPE CROSSING UNDER PAVEMENT MUST BE 2" MINIMUM.
4. ALL CASING PIPE SHALL EXTEND A MINIMUM OF 2' BEYOND THE EDGE OF PAVED STREETS.
5. APPROVED TYPE COPPER TUBING MAY BE USED IN PLACE OF PLASTIC.
6. FOR 1" SERVICE LINES THE MINIMUM RADIUS SHALL BE 14". FOR 2" SERVICE LINES THE MINIMUM RADIUS SHALL BE 21".
7. THE WATER METER, METER BOX AND COVER BY THE CITY OF HOLLYWOOD.
8. ELEVATION OF TOP OF WATER METER BOX SHALL BE SET AT THE SAME ELEVATION AS PROPOSED GRADE AT BACK OF SIDEWALK AND THE METER DIAL SHALL BE MAX. 6" BELOW METER COVER.



* REFER TO WATER AND SEWER SEPARATION NOTES PER D.E.P. REQUIREMENTS

W-4: SPECIAL UTILITY CROSSING WITH FITTINGS
N.T.S.

TESTING AND DISINFECTION

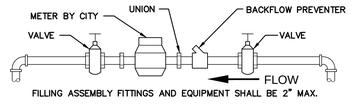
1. NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE UNTIL THE PRESSURE AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED ON THE PROPOSED WATER MAINS AND THE SYSTEM IS ACCEPTABLE TO THE CITY OF HOLLYWOOD AND BROWARD COUNTY HEALTH DEPARTMENT.
2. THE PRESSURE TEST SHALL BE FOR 2 HOURS AT 150 PSI AND IN ACCORDANCE WITH ANSI/AWWA STANDARD C600-05. PRESSURE TEST SHALL BE WITNESSED BY THE CITY OF HOLLYWOOD. THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:

$$L = \frac{S\,D\,\sqrt{P}}{148{,}000}$$

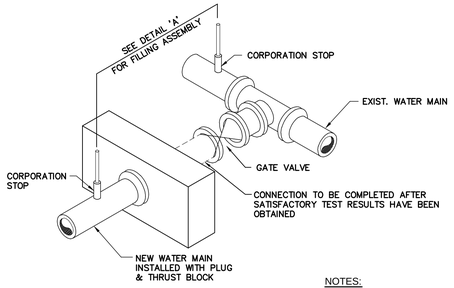
L = THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
S = THE LENGTH OF PIPE BEING TESTED.
D = THE NOMINAL DIAMETER OF THE PIPE BEING TESTED.
P = THE AVERAGE TEST PRESSURE IN POUNDS PER SQUARE INCH.

3. THE COMPLETE LENGTH OF THE PROPOSED WATER MAIN SHALL BE TESTED, IN LENGTHS NOT TO EXCEED 2,000 FEET PER TEST.
4. PROPOSED WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH ANSI/AWWA STANDARD C651-05 AND BACTERIOLOGICALLY TESTED FOR TWO CONSECUTIVE DAYS IN ACCORDANCE WITH SPECIFICATION SECTION 15995, "PIPELINE TESTING AND DISINFECTION".

W-15: TESTING AND DISINFECTION



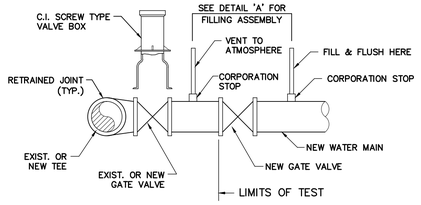
DETAIL 'A'



METHOD "A"

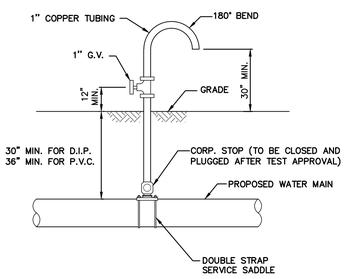
NOTES:

REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON NEW MAIN AFTER FILLING & FLUSHING HAS BEEN COMPLETED.



METHOD "B"

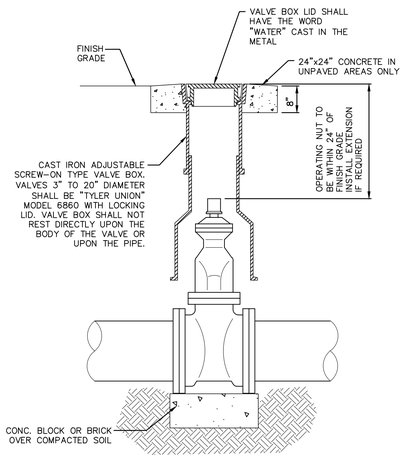
W-16: FILLING AND FLUSHING DETAIL
N.T.S.



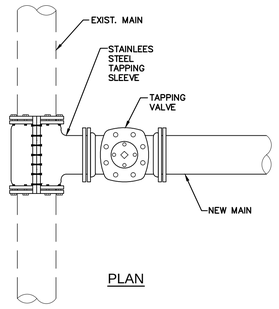
NOTES:

SAMPLING POINT SHALL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM BROWARD COUNTY HEALTH DEPARTMENT.

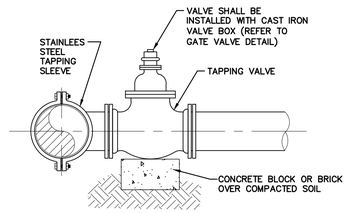
W-17: SAMPLING POINT DETAIL
N.T.S.



W-5: TYPICAL GATE VALVE AND VALVE BOX SETTING
N.T.S.



PLAN



ELEVATION

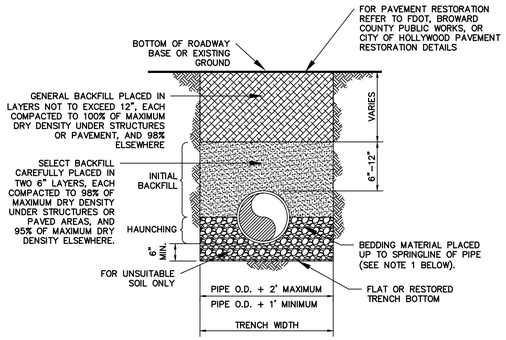
NOTES:

1. NOTIFY THE CITY OF HOLLYWOOD 48 HOURS IN ADVANCE OF PROPOSED TAP.
2. TAPPING MUST BE DONE IN THE PRESENCE OF AN AUTHORIZED CITY REPRESENTATIVE.
3. TEMPORARY THRUST BLOCKS TO BE INSTALLED AND REMAIN IN PLACE DURING TAPPING OPERATIONS.

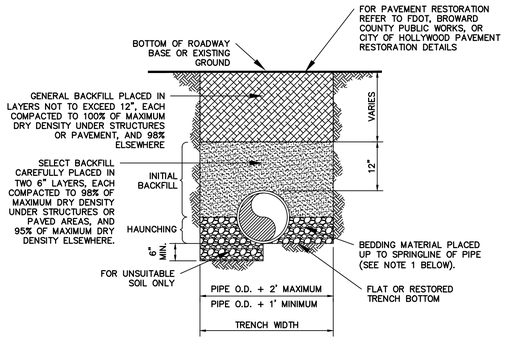
W-6: TYPICAL TAPPING SLEEVE AND VALVE
N.T.S.

SEPARATION REQUIREMENTS OF F.D.E.P. / F.D.N.R.P.

1. SANITARY SEWERS AND FORCE MAINS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS AND FORCE MAINS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM COVER OF THE LOWER PIPE WHENEVER POSSIBLE.
2. WHERE SANITARY SEWERS AND FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.
3. ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).
4. WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL BE ARRANGED TO MEET THE CROSSING REQUIREMENTS ABOVE.
5. A MINIMUM 10 FOOT HORIZONTALSEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
6. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
7. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).
8. ALL DIP SHALL BE CLASS 50 OR HIGHER. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY THE DESIGN.



G-3: PVC PIPE LAYING CONDITION
TYPICAL SECTION
N.T.S.



G-2: DIP PIPE LAYING CONDITION
TYPICAL SECTION
N.T.S.

NOTES:

1. WHEN PIPE INSTALLATION IS ABOVE THE GROUND WATER TABLE ELEVATION, OR WHENEVER BEDDING COPPER PIPE UNDER ANY CONDITION, BEDDING MATERIAL SHALL BE CLEAN SANDY SOIL IF AVAILABLE WITHIN THE LIMITS OF CONSTRUCTION. IMPORTED BEDDING SHALL BE WELL GRADED CRUSHED STONE (OR DRAINFIELD LIMEROCK). CRUSHED STONE SHALL CONSIST OF HARD, DURABLE, SUB-ANGULAR PARTICLES OF PROPER SIZE AND GRADATION, AND SHALL BE FREE FROM ORGANIC MATERIAL, WOOD, TRASH, SAND, LOAM, CLAY, EXCESS FINES, AND OTHER DELETERIOUS MATERIALS.
2. ALL BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BEFORE ANY PIPE IS LAID. FOR ADDITIONAL MATERIAL SPECIFICATIONS REFER TO SPECIFICATION SECTION 02222, "EXCAVATION AND BACKFILL FOR UTILITIES".
3. DENSITY TESTING SHALL BE IN ACCORDANCE WITH AASHTO T-180 AND ASTM D-3017.

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

WATER AND SEWER DETAILS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-711

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-711 WATER AND SEWER DETAILS January 15, 2015 01:15:58pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-714 WATER AND SEWER DETAILS.dwg
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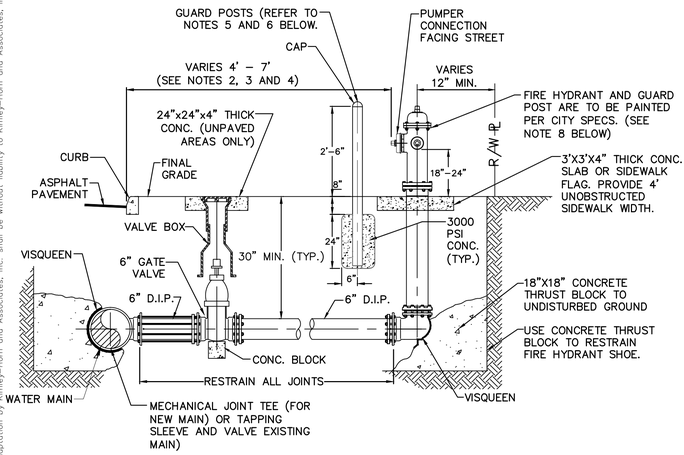
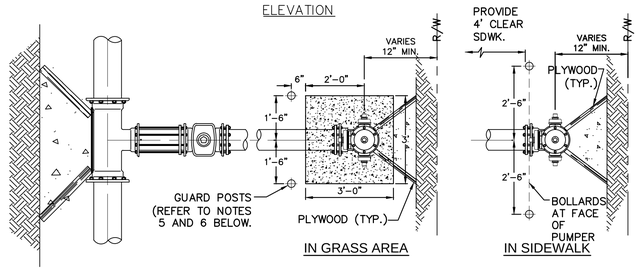




PLAN VIEW

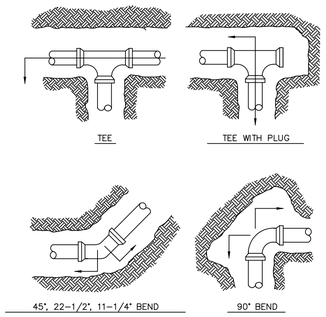
W-13: TYPICAL FIRE HYDRANT INSTALLATION

N.T.S.

NOTES:

1. IN ALL CASES, PROVIDE 4' UNOBSTRUCTED SIDEWALK CLEAR OF THE FIRE HYDRANT AND BOLLARDS.
2. FIRE HYDRANTS SHALL BE LOCATED BETWEEN 4' AND 7' FROM THE FACE OF CURB.
3. FIRE HYDRANTS SHALL NOT BE LOCATED WITHIN A RADIUS OR WITHIN FDOT CLEAR DRIVING ZONE.
4. WITHIN FDOT R/W, WHERE SPACE IS RESTRICTED THE FIRE HYDRANT MAY BE LOCATED 2' FROM THE FACE OF THE CURB AS LONG AS THERE IS A MINIMUM 4' UNOBSTRUCTED SIDEWALK BEHIND THE HYDRANT, AND THE HYDRANT BASE IS 4" OR LESS FROM GRADE IN ACCORDANCE WITH F.D.O.T. INDEX 700.
5. GUARD POSTS SHALL NOT BE ALLOWED WITHIN FDOT R/W.
6. OTHER THAN FDOT R/W, GUARD POSTS SHALL BE INSTALLED AS REQUIRED FOR SAFETY OR AS APPROVED BY THE DEPT. OF PUBLIC UTILITIES. IN SIDEWALK, LOCATE GUARD POSTS AT THE FACE OF THE PUMPER AND 2'–6' LEFT/RIGHT OF ℄ OF THE FIRE HYDRANT.EXTRA POSTS MAY BE REQUIRED IN INDUSTRIAL AND CONGESTED TRAFFIC AREAS. (4 POSTS MAX.)
7. FIRE HYDRANT CONCRETE SLAB AND CONCRETE GUARD POST FOOTINGS SHALL BE DIFFERENT POURS.

THE FIRE HYDRANT BONNET, OPERATING NUT, HOLD–DOWN NUT, PUMPER CAP AND HOSE CAPS SHALL BE PAINTED GREEN, AND THE HYDRANT UPPER BARREL SHALL BE PAINTED SILVER IN ACCORDANCE WITH CITY SPECIFICATIONS.

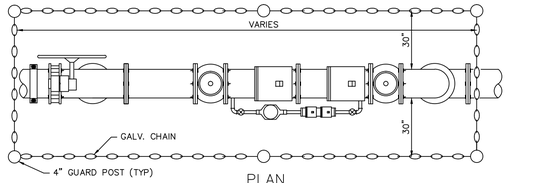


RESTRAINED JOINTS

	PIPE SIZE				
FITTING	4"	6"	8"	10"	12"
TEE	51	72	91	110	135
11-1/4°	4	5	6	7	8
22-1/2°	8	10	13	14	17
45° BEND	17	22	26	30	35
90° BEND	42	53	63	72	85
DEAD END	76	97	117	136	162

NOTES:

1. LENGTH SHOWN IN THE TABLE TO BE RESTRAINED IN THE DIRECTION OF THE ARROWS, FROM CENTER OF FITTINGS.
2. RESTRAINED LENGTHS TABULATED ARE BASED ON THE FOLLOWING CONDITIONS:
   A. LAYING CONDITION: TYPE 3
   B. SOIL DESIGNATION: SAND/SILT
   C. DEPTH OF COVER: 3 FEET
   D. DESIGN PRESSURE: 150 PSI
   E. SAFETY FACTOR: 1.5
   F. 18' SPAN BETWEEN THE FIRST TWO UNRESTRAINED JOINTS ON EITHER SIDE OF THE TEE (9' EACH WAY).
3. USE RESTRAINED JOINTS FOR FITTINGS AND MECHANICAL JOINT PIPE.

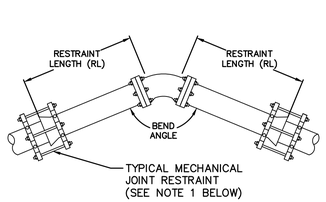


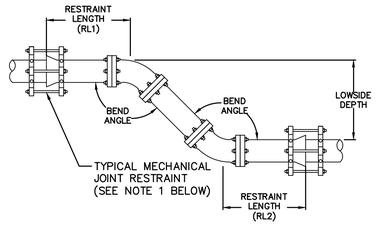
FIRE PROTECTION SYSTEM APPLICATIONS

MATERIALS					
ITEM	QUANT.	DESCRIPTION	ITEM	QUANT.	DESCRIPTION
1	1	4",6",8" VALVE,DOUBLE CHECK	8	0	PLASTIC LINER/WEED STOP (5 MILS)
2	4	4",6",8" BEND-90°	9	4	RESTRAINED JOINTS
3	2	4",6",8" D.I.P. SPOOL PIECE	10	1	LOW FLOW METER
3A	1	4",6",8" D.I.P. SPOOL PIECE(24" LONG)	11	1	VALVE, BYPASS DOUBLE CHECK
4	5	4",6",8" FLANGE, D.I.P.	12	1	4",6",8" TEE
5	2	4",6",8" VALVE, GATE	13	1	4" VALVE, BUTTERFLY (SUPERVISED
6	1	SCREW JACK/ANCHORED			CLOSED) AND CHAINED & LOCKED
7	0	PEA GRAVEL	14	1	4" CAP

NOTES:

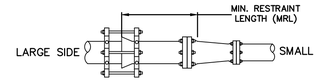
1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
2. ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MINIMUM STANDARDS.
3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.
4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS. CHAIN SHALL BE LOOPED THROUGH EYELETS CAST IN CONCRETE TOP.
5. USE 45° BENDS WHEN WORKING AREA IS NOT LIMITED.



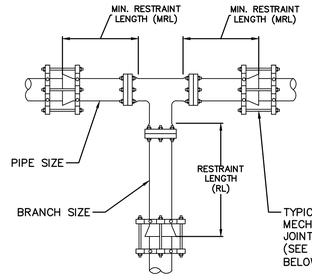


HORIZONTAL BENDS			
PIPE DIA. (INCHES)	BEND ANGLE (DEGREES)	RESTRAINT LENGTH (RL) (FT)	
		PVC	*DIP
16	11 ¼	5	6
	22 ½	10	11
	45	19	22
	90	46	52
8	11 ¼	3	3
	22 ½	6	6
	45	11	13
	90	27	30
6	11 ¼	2	3
	22 ½	4	5
	45	9	10
	90	20	23
4	11 ¼	2	2
	22 ½	3	4
	45	6	7
	90	15	17

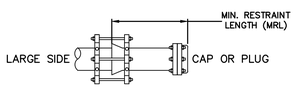
VERTICAL OFFSETS						
			PVC		*DIP	
PIPE DIA. (INCHES)	BEND ANGLE (DEGREES)	LOWSIDE DEPTH (FT)	RESTRAINT LENGTH (RL1) (FT)	RESTRAINT LENGTH (RL2) (FT)	RESTRAINT LENGTH (RL1) (FT)	RESTRAINT LENGTH (RL2) (FT)
16	45	4	55	15	80	17
		5	55	13	80	17
		6	55	11	80	12
		7	55	9	80	11
8	45	4	30	9	45	10
		5	30	7	45	8
		6	30	6	45	7
		7	30	5	45	6
6	45	4	23	7	34	8
		5	23	6	34	6
		6	23	5	34	5
		7	23	4	34	5
4	45	4	17	5	24	6
		5	17	4	24	5
		6	17	4	24	4
		7	17	3	24	3



REDUCERS			
LARGE SIDE	SMALL SIDE	MIN. LENGTH TO RESTRAIN ON LARGE SIDE (FT)	
		PVC	*DIP
8"	4"	52	77
6"	4"	29	42
4"	3"	13	19



TEES AND TAPPING SLEEVES				
RUN DIA. (INCHES)	BRANCH DIA. (INCHES)	MIN. RESTRAINED LENGTH PROVIDED ALONG RUN (FT)	MIN. LENGTH TO RESTRAIN ALONG BRANCH (FT)	
			PVC	*DIP
16"	16"	20	20	29
8"	8"	20	1	1
8"	6"	20	1	1
8"	4"	20	1	1
6"	6"	20	1	1
4"	4"	20	1	1



DEAD ENDS		
PIPE DIA. (INCHES)	MIN. RESTRAINED LENGTH (FT)	
	PVC	*DIP
16"	131	193
8"	72	107
6"	55	82
4"	39	58

*ALL DIP JOINT–RESTRAINT CALCULATIONS ASSUME THE PIPE WILL BE WRAPPED IN POLYETHYLENE ENCASEMENT.

DESIGN PARAMETERS

PIPE MATERIAL: P.V.C. DEPTH OF BURY: 3'

SOIL TYPE: SAND/SILT (SM) TRENCH TYPE: 4

TEST PRESSURE: 150psi SAFETY FACTOR: 1.5

NOTE:
THRUST RESTRAINTS FOR D.I. FITTINGS AND P.V.C. PIPE SHALL BE SIMILAR TO MEGALUG MANUFACTURED BY EBAA IRON, INC., OR APPROVED EQUAL.

THRUST RESTRAINT DESIGN TABLE FOR PVC AND DIP PIPE
N.T.S.

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No.	REVISIONS	DATE	BY

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

WATER AND SEWER DETAILS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-712

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-712 WATER AND SEWER DETAILS January 15, 2015 01:16:04pm K:\FTL_Civil\043_Jobs\043105002-RAM SHERIDAN STATION\Sheet Set\C-712 WATER AND SEWER DETAILS.dwg
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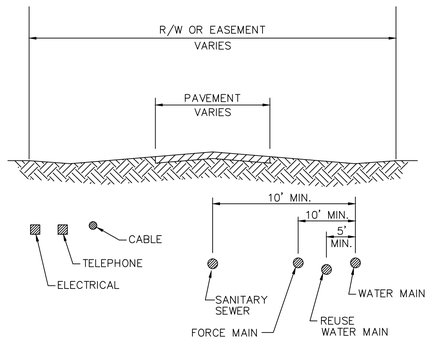
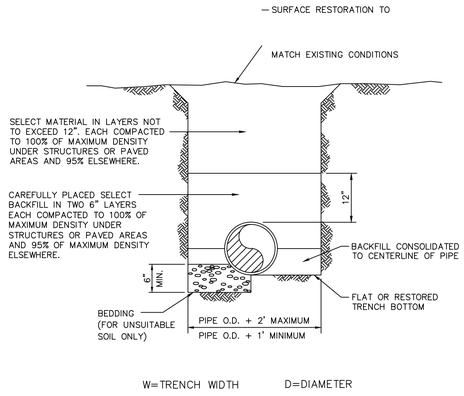


DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	TYPICAL RIGHT-OF-WAY/EASEMENT	DRAWING NO. S-1
APPROVED:		

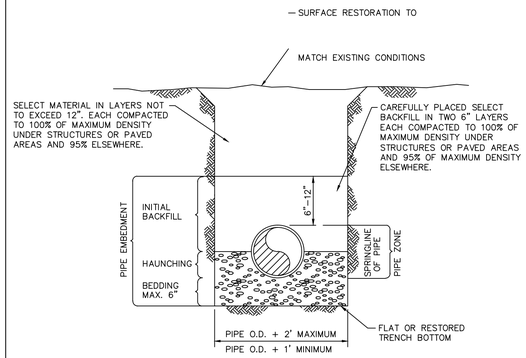


W=TRENCH WIDTH D=DIAMETER

NOTES:

1. BEDDING MATERIAL WHEN NECESSARY, SHALL BE CLEAN SANDY SOIL WHENEVER AVAILABLE WITHIN THE LIMITS OF CONSTRUCTION. IMPORTED BEDDING SHALL BE WELL GRADED 3/4" MAX. SIZED CRUSHED LIMEROCK. ALL BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BEFORE ANY PIPE IS LAID.
2. DENSITY TESTING SHALL BE IN ACCORDANCE WITH AASHTO T-180 AND ASTM D-3017.

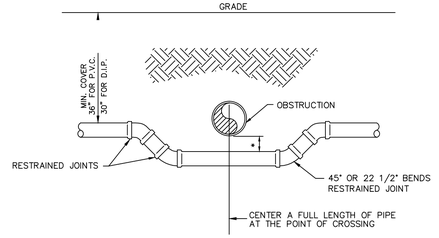
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	PIPE LAYING CONDITION TYPICAL SECTION (D.I.P.)	DRAWING NO. S-2
APPROVED:		



NOTES:

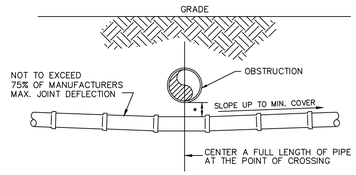
1. BEDDING AND HAUNCHING SHALL BE WELL GRADED 3/4" MAX. SIZE CRUSHED LIMEROCK
2. DENSITY TESTING SHALL BE IN ACCORDANCE WITH AASHTO T-180 AND ASTM D-3017.

DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	PVC PIPE LAYING CONDITION TYPICAL SECTION	DRAWING NO. S-3
APPROVED:		



SPECIAL UTILITY CROSSING FITTING TYPE

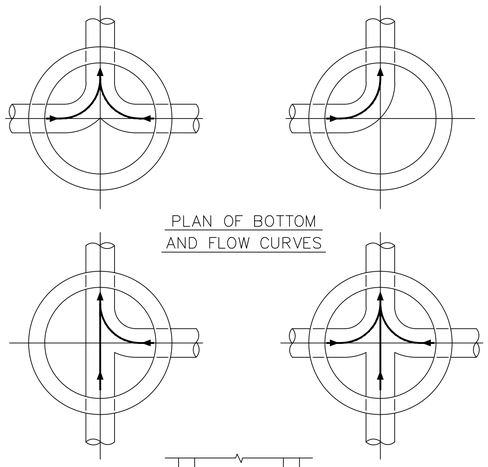
* REFER TO WATER AND SEWER SEPARATION NOTES PER D.E.R. REQUIREMENTS



STANDARD UTILITY CROSSING DEFLECTION TYPE

* REFER TO WATER AND SEWER SEPARATION NOTES PER D.E.R. REQUIREMENTS

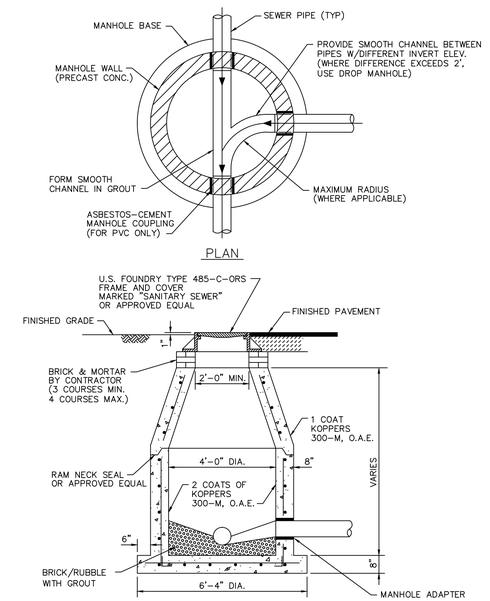
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	UTILITY CROSSING DETAIL	DRAWING NO. S-4
APPROVED:		



NOTES:

1. INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS.
2. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING SMOOTH FLOWS.
3. CHANNELS FOR FUTURE CONNECTIONS (STUBS) SHALL BE CONSTRUCTED FILLED WITH SAND & COVERED WITH 1" OF MORTAR.
4. WHEN FLOW LINE DEFLECTS MORE THAN 45°, A DROP OF 0.10' IS REQUIRED.

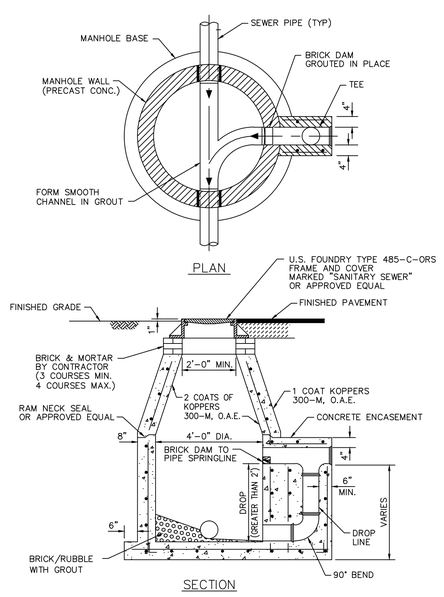
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	MANHOLE FLOW PATTERNS	DRAWING NO. S-5
APPROVED:		



NOTES:

1. SHOP DRAWINGS, SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER, SHOWING ALL DIMENSIONS AND CALCULATIONS, INCLUDING CONCRETE REINFORCEMENT, SHALL BE SUBMITTED TO THE CITY PRIOR TO INSTALLATION.
2. THE BOTTOM SLAB SHALL BE CAST MONOLITHICALLY WITH THE LOWER WALL SECTION.

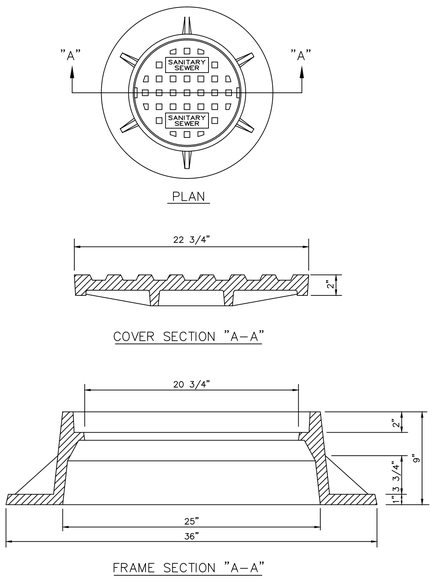
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	STANDARD PRECAST MANHOLE	DRAWING NO. S-6
APPROVED:		



NOTES:

1. SHOP DRAWINGS, SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER, SHOWING ALL DIMENSIONS AND CALCULATIONS, INCLUDING CONCRETE REINFORCEMENT, SHALL BE SUBMITTED TO THE CITY PRIOR TO INSTALLATION.
2. THE BOTTOM SLAB SHALL BE CAST MONOLITHICALLY WITH THE LOWER WALL SECTION.
3. ALL PIPE WORK SHALL BE CLASS 50 D.I.P., ENCASED FITTINGS SHALL BE CLASS 350.

DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	DROP MANHOLE	DRAWING NO. S-7
APPROVED:		



NOTES:

1. LETTERS ON COVER TO BE 3/8" HIGH, 1/4" TO 5/16" THICK AND FLUSH WITH TOP OF COVER.
2. ALL BEARING SURFACES TO BE MACHINED.
3. MINIMUM WEIGHTS: COVER – 160 LBS., TOTAL – 400 LBS.

DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	MANHOLE FRAME AND COVER	DRAWING NO. S-9
APPROVED:		

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WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

WATER AND SEWER DETAILS

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-713

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-713 WATER AND SEWER DETAILS January 15, 2015 01:16:09pm K:\FTL_Civil\043 Jobs\043105002-RAM SHERIDAN STATION\Sheet Sets\RAM SHERIDAN STATION\Plan Sheets\C-714 WATER AND SEWER DETAILS.dwg
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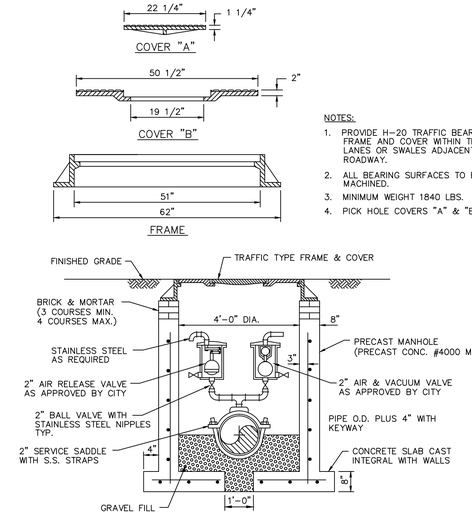


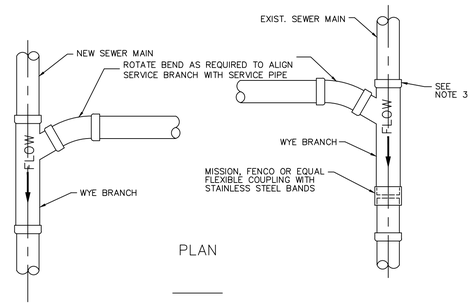
NOTES:

1. PROVIDE H-20 TRAFFIC BEARING FRAME AND COVER WITHIN TRAFFIC LANES OR SWALES ADJACENT TO ROADWAY.
2. ALL BEARING SURFACES TO BE MACHINED.
3. MINIMUM WEIGHT 1840 LBS.
4. PICK HOLE COVERS "A" & "B".

NOTES:

1. BRICK MASONRY TO BE STUCCOED WITH 1/2" MORTAR INSIDE AND OUTSIDE.
2. MANHOLE WALLS TO BE COATED INSIDE AND OUTSIDE WITH 16 MIL THICKNESS APPROVED COATING.
3. ALL OPENINGS AROUND PIPE SHALL BE SEALED WITH WATERPROOF, EXPANDING GROUT.
4. ACTUAL LOCATION AND MANHOLE FRAME ELEVATION SHALL BE DETERMINED BY THE ENGINEER BASED ON SUMMIT ELEVATION.
5. SHOP DRAWINGS SHALL BE SUBMITTED BY CONTRACTOR TO THE CITY PRIOR TO INSTALLATION. SHOP DRAWINGS TO SHOW ALL CALCULATIONS AND DIMENSIONS, INCLUDING CONCRETE REINFORCEMENT, AND SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.

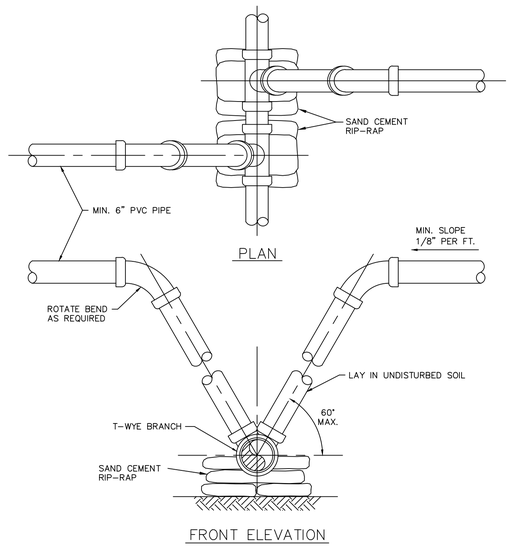
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	AIR RELEASE VALVE WITH MANHOLE	DRAWING NO. S-11
APPROVED:		



NOTES:

1. SINGLE SERVICE CONNECTIONS SHALL USE 6" PIPE AND FITTINGS.
2. USE RISER CONNECTIONS WHERE INVERT OF SEWER IS GREATER THAN 7'-0" DEEP.
3. WHERE BELL OF WYE AND SPIGOT OF EXISTING MAIN ARE NOT COMPATIBLE, USE A SECOND FLEXIBLE COUPLING.

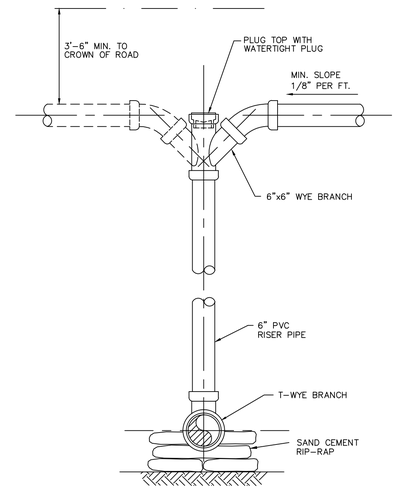
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	WYE BRANCH CONNECTION	DRAWING NO. S-12
APPROVED:		



NOTES:

1. MODIFIED RISER CONNECTION TO BE USED ONLY WHEN DIRECTED BY THE CITY.
2. 3/4" DRAINFIELD LIMEROCK MAY BE USED AS BEDDING OVER UNDISTURBED SOIL WITH P.V.C. PIPE.
3. SINGLE SERVICE CONNECTIONS SHALL USE 6" PIPE AND FITTINGS.

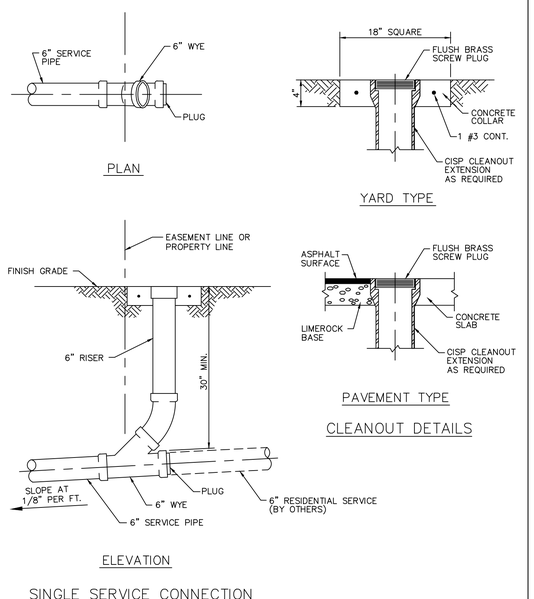
DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	SANITARY SEWER LATERAL MODIFIED RISER	DRAWING NO. S-13
APPROVED:		



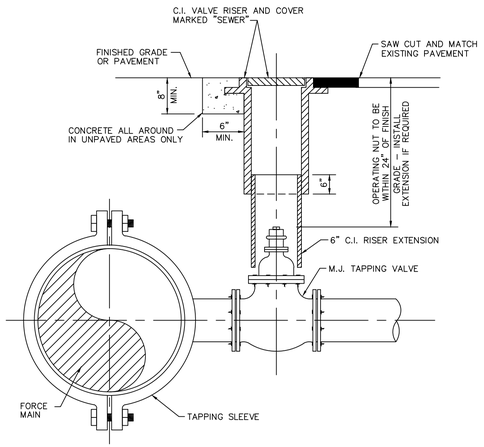
NOTES:

1. RISER CONNECTION TO BE USED ONLY WHEN INVERT OF SEWER IS GREATER THAN 7'-0" OR WHEN DIRECTED BY THE CITY.
2. SINGLE SERVICE CONNECTIONS SHALL USE 6" PIPE AND FITTINGS.

DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	SANITARY SEWER LATERAL VERTICAL RISER	DRAWING NO. S-14
APPROVED:		

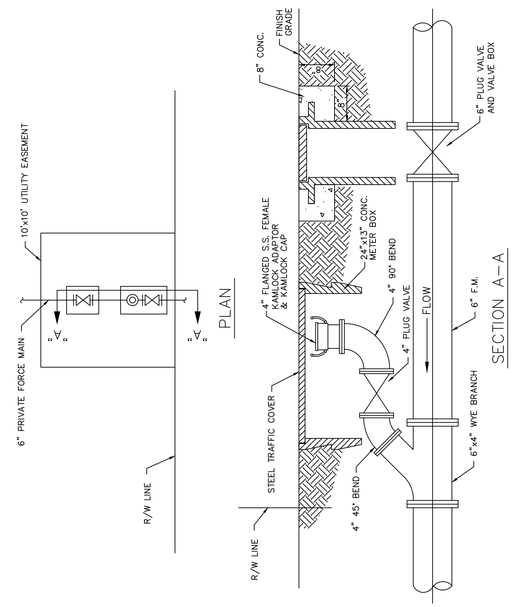


DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE	DRAWING NO. S-15
APPROVED:		

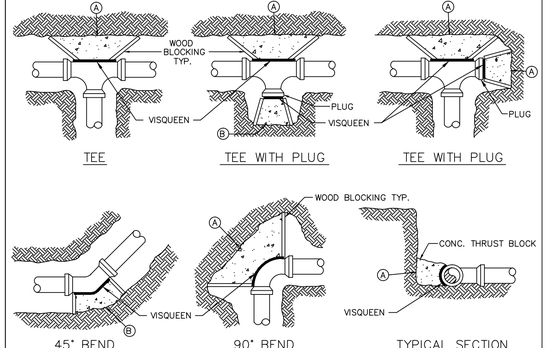


NOTE:
ALSO SEE DETAIL OF PRIVATE FORCE MAIN TIE-IN AT PROPERTY LINE.

DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	FORCE MAIN CONNECTION	DRAWING NO. S-16
APPROVED:		



DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	PRIVATE FORCE MAIN TIE-IN AT PROPERTY LINE	DRAWING NO. S-17
APPROVED:		



MINIMUM CONCRETE THRUST BLOCKING BEARING ON UNDISTURBED MATERIAL (SQ. FT.)

MARK	PIPE SIZE			
	4" OR 6"	8"	10"	12"
A				
B				

NOTES:

1. THE AREAS IN THE TABLE ARE BASED ON _____ POUNDS PER SQUARE FOOT SOIL BEARING AGAINST THE UNDISTURBED TRENCH WALL AND ARE TO REPRESENT THE MINIMUM VERTICAL PROJECTED AREA AT THE THRUST BLOCK IN A PLANE PERPENDICULAR TO THE LINE BISECTING THE INCLUDING ANGLE OF THE FITTING.
2. POUR THRUST BLOCKS AGAINST UNDISTURBED MATERIAL. WHERE TRENCH WALL HAS BEEN DISTURBED, EVACUATE LOOSE MATERIAL AND EXTEND THRUST BLOCK TO UNDISTURBED MATERIAL.
3. ON BENDS AND TEES, EXTEND THRUST BLOCKS FULL LENGTH OF FITTING.
4. DO NOT COVER COUPLING OR JOINTS WITH CONCRETE.
5. CONCRETE TO BE 2500 P.S.I. MINIMUM 28 DAY STRENGTH.
6. TABLE TO BE COMPLETED BY DESIGN ENGINEER.

DATE: 3/01/94	CITY OF HOLLYWOOD – UTILITIES DEPARTMENT STANDARD DETAIL	REVISED:
DRAWN: EAM	THRUST BLOCK REQUIREMENTS	DRAWING NO. S-19
APPROVED:		

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73908
DATE:

KHA PROJECT 043105002	
DATE	1/13/2015
SCALE	AS SHOWN
DESIGNED BY	SE
DRAWN BY	SE
CHECKED BY	CF

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

WATER AND SEWER DETAILS

SHEET NUMBER
C-714

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-714 WATER AND SEWER DETAILS January 15, 2015 01:16:14pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-714 WATER AND SEWER DETAILS.dwg
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Sheridan Station
TAFT STREET IMPROVEMENTS

HOLLYWOOD, FLORIDA

SECTION 09, TOWNSHIP 51, RANGE 42

JANUARY 2015

VICINITY MAP
1"=250'

PROJECT LOCATION

PROJECT TEAM

OWNER/DEVELOPER
RAM DEVELOPMENT COMPANY, INC.
1815 GRIFFIN ROAD, SUITE 106
FORT LAUDERDALE, FL 33004
PHONE: (954) 874-1015
CONTACT: ERAN LANDRY

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
5200 NW 33rd AVENUE, SUITE 109
FT. LAUDERDALE, FLORIDA 33309
PHONE: (954) 535-5100
CONTACT: CHRISTOPHER FALCE, P.E.

SURVEYOR
CALVIN, GIORDANO & ASSOCIATES, INC.
ENGINEERS SURVEYORS PLANNERS
1800 ELLER DRIVE, SUITE 600
FORT LAUDERDALE, FL 33316
PHONE: (954) 921-7781
CONTACT: DANIEL C. LAAK. PSM

ARCHITECT
ROGER FRY AND ASSOCIATES
ARCHITECTS, P.A.
2791 BIRD AVE
MIAMI, FL 33133
PHONE: (305) 446-7787
CONTACT: ROGER FRY

LANDSCAPE ARCHITECT
ALEX KNIGHT
11843 SW 7th STREET
PEMBROKE PINES, FL 33025
PHONE: (786) 216-3033
CONTACT: ALEX KNIGHT

LIST OF CONTACTS

STORM WATER
BROWARD COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION (BCDEP)
1 N. UNIVERSITY DRIVE
PLANTATION, FL 33301
PHONE: (954) 519-1243
CONTACT: ASHLEY RESTA, P.E.

FIRE PROTECTION
CITY OF HOLLYWOOD
2741 STIRLING ROAD
HOLLYWOOD, FL 33312
PHONE: (954) 967-4248

CITY ENGINEERING
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3251
CONTACT: JONATHAN VOGT, CITY ENGINEER

WATER AND SANITARY SEWER
CITY OF HOLLYWOOD PUBLIC UTILITIES
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3302
CONTACT: STEVE JOSEPH, P.E.

ELECTRIC PROVIDER
FLORIDA POWER & LIGHT COMPANY
330 S.W. 12TH AVE.
POMPANO BEACH, FLORIDA 33069
PHONE: (954) 956-2075

BUILDING DIVISION
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3335

TRANSPORTATION
FLORIDA DEPT. OF TRANSPORTATION
3400 WEST COMMERCIAL BLVD.
FT. LAUDERDALE, FL 33309
PHONE: (954) 777-4383

PLANNING AND ZONING
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3471
CONTACT: JAY EPSTEIN

NATURAL GAS PROVIDER
TECO PEOPLES GAS
5101 NW 21st AVE., SUITE 460
FORT LAUDERDALE, FLORIDA 33309
(954) 453-0812

TELEPHONE PROVIDER
AT&T
6451 N. FEDERAL HIGHWAY
FORT LAUDERDALE, FLORIDA 33308
PHONE: (954) 928-4065

CABLE PROVIDER
COMCAST CABLE
2601 SW 145TH AVE
MIRAMAR, FL 33027
PHONE: (954) 447-8405

Sheet List Table	
Sheet Number	Sheet Title
C-800	TAFT STREET COVER SHEET
C-801	TAFT STREET GENERAL NOTES
C-802	TAFT STREET DEMOLITION AND EROSION CONTROL PLAN
C-803	TAFT STREET HORIZONTAL CONTROL PLAN
C-804	TAFT STREET PAVING, GRADING, AND DRAINAGE PLAN
C-805	TAFT STREET CROSS SECTIONS
C-806	TAFT STREET PROFILES
C-807	TAFT STREET SIGNAGE AND MARKING PLAN

PREPARED BY

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NOTE:

THE PUBLIC ROADWAY(S) INDICATED IN THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS & HIGHWAYS - STATE OF FLORIDA."

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002		DESIGNED BY	SE
DATE	1/13/2015	DRAWN BY	SE
SCALE	AS SHOWN	CHECKED BY	CF

TAFT STREET
COVER SHEET

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT
COMPANY, INC.

SHEET NUMBER
C-800

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-800 TAFT STREET COVER SHEET January 15, 2015 01:16:26pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-800 TAFT STREET COVER SHEET.dwg
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Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-801 TAFT STREET GENERAL NOTES January 15, 2015 01:16:36pm K:\FTL_Civil\043_Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-801 TAFT STREET GENERAL NOTES.dwg
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GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE CITY OF HOLLYWOOD, FLORIDA PUBLIC WORKS MANUAL, THE BROWARD COUNTY PUBLIC WORKS MANUAL, AND SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), THE FLORIDA BUILDING CODE, AND ALL OTHER LOCAL, COUNTY, STATE, AND FEDERAL STANDARDS GOVERNING THE PROPOSED WORK.AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.

3. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY. GEOTECHNICAL AND ENVIRONMENTAL REPORTS ARE AVAILABLE FOR REVIEW.

4. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AA APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.

7. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.

8. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.

9. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.

12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE OWNER, ENGINEER OF RECORD AND APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.

13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTY DURING CONSTRUCTION.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PROPOSED IMPROVEMENTS. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.

15. PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
    - SWEEP THE ENTIRE SITE
    - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
    - PRESSURE CLEAN THE SITE ASPHALT
    - PRESSURE CLEAN THE CURBS, SIDEWALKS, AND CONCRETE PAD AT THE DRIVE THRU

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.

2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.

3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.

4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES OR DRAINAGE STRUCTURES TO REMAIN.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.

2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.

3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.

5. ALL EARTHEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.

6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.

7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.

8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.

9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.

10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE ENGINEER PRIOR TO ANY EXCAVATION.

11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.

12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE EARTHEN AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.

14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.

17. SOD, WHERE CALLED FOR, MUST BE INSTALLED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.

19. THE CONTRACTOR SHALL ENSURE THAT PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.

20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

SURVEY DATA

1. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD). COORDINATES ARE BASED ON 0901-FLORIDA EAST STATE PLANE COORDINATE SYSTEM.

2. ALL EXISTING CONTROL POINTS AND/OR REFERENCE MARKERS SHALL BE RAISED TO FINAL GRADE. THESE POINTS AND REFERENCE MARKERS SHALL BE LOCATED AND NOTED ON THE AS-BUILTS.

3. THE LOCATION OF EXISTING RIGHT-OF-WAY LINES, CENTERLINES, ROADWAY PAVEMENT, UTILITIES, TREES, AND OTHER PHYSICAL ABOVE-GROUND FEATURES SHOWN ON THE PLANS WERE TAKEN FROM THE SPECIFIC PURPOSE SURVEYS PREPARED BY:
   CALVIN GIORDANO & ASSOCIATES, INC.
   1800 ELLER DRIVE, SUITE 600
   FT. LAUDERDALE, FL 33316
   PHONE: 954-921-7781 FAX: 954-921-8807
   CONTACT: GREGORY J. CLEMENTS, P.S.M.

4. ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE OF SURVEY/CONSTRUCTION BASELINE.

5. EXISTING SECTION CORNERS AND ¼ SECTION CORNERS, AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REPLACED IF DISTURBED BY THE CONTRACTOR AT DIRECTION OF A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.

6. ANY NGVD - 1929 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY:
   GEODETIC INFORMATION CENTER
   ATTN: MARK MAINTENANCE SECTION N/CG-162
   6001 EXECUTIVE BLVD.,
   ROCKVILLE, MARYLAND 20852
   TELEPHONE NO. (301) 443-8319

WATER AND SEWER UTILITY NOTES

1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.

3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.

4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.

5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.

7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.

9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.

5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.

6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.

7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.

8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

12. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.

13. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.

14. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.

15. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

EROSION CONTROL NOTES (CONT.)

17. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.

18. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

19. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.

20. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

PAVEMENT MARKINGS NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX # 17346, WHERE SHOWN ON THE PLANS

2. WHERE THE PLANS CALL FOR PAINTED PAVEMENT MARKINGS, INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 710 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING: CONTRACTOR TO APPLY TWO COATS OF VOC COMPLIANT, LOCAL DOT DOT APPROVED, UNDILUTED, SOLVENT BASED OR LATEX TRAFFIC PAINT. CONTRACTOR TO FOLLOW MANUFACTURER'S RECOMMENDED APPLICATION RATE WITHOUT THE ADDITION OF A THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED PROVIDING MINIMUM 15 MILS WET FILM THICKNESS AND 7.5 MILS DRY FILM THICKNESS PER COAT WITH MINIMUM OF 30 DAYS BETWEEN APPLICATIONS. SECOND COAT OF PAINT SHALL NOT BE APPLIED EARLIER THAN 7 DAYS PRIOR TO GRAND OPENING. PAINT SHALL BE CRISP, STRAIGHT AND APPLIED UNIFORMLY ACROSS THE WIDTH OF A LINE FOR A TOTAL DRY FILM THICKNESS OF 15 MILS.

3. ALL PAVEMENT SYMBOLS AND MARKINGS ARE TO BE THERMOPLASTIC WITH THE EXCEPTION OF PARKING STRIPING. THERMOPLASTIC INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 711 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

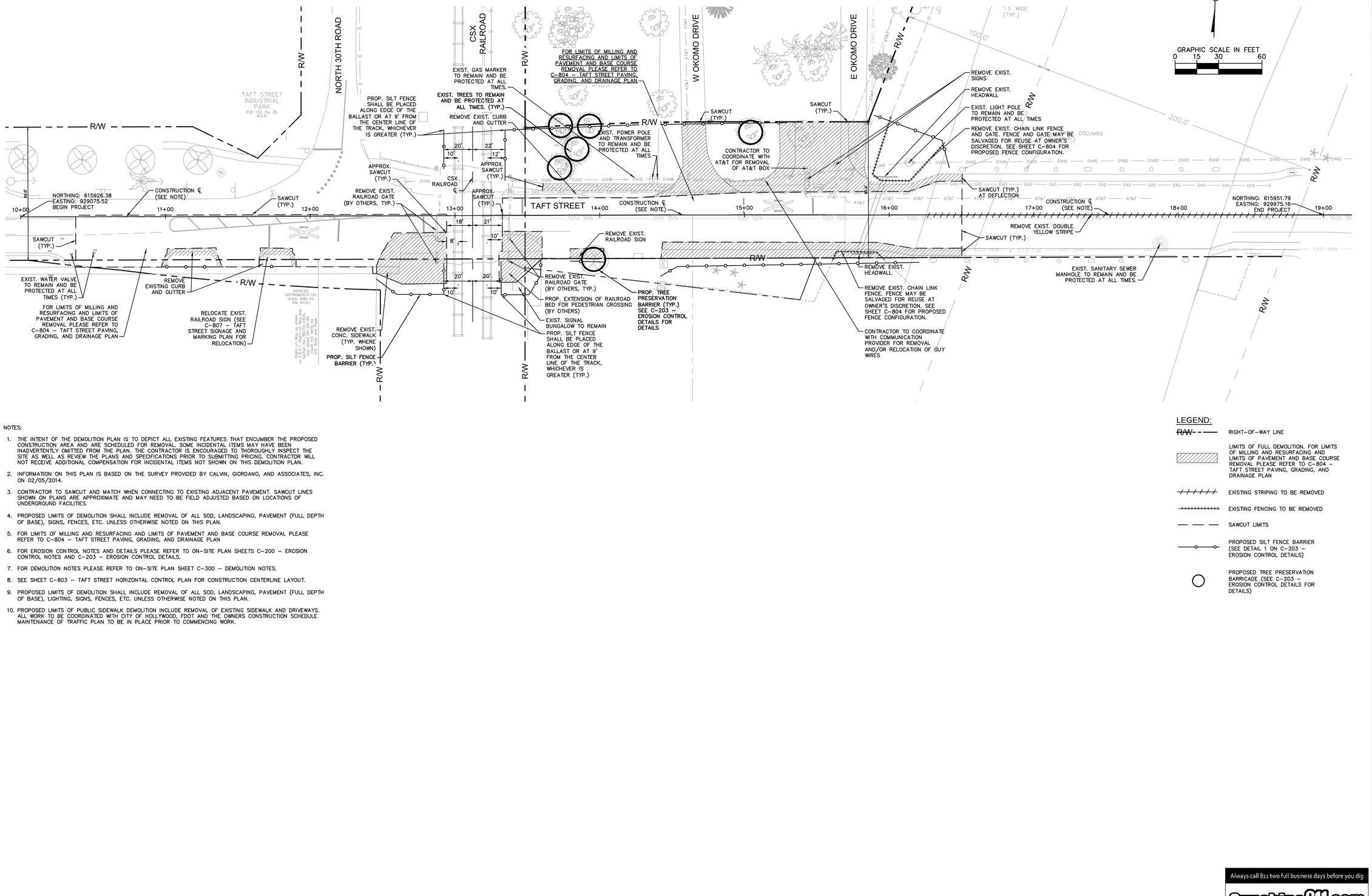
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.

3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOV



NOTES:

1. THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT ALL EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE PLAN. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN ON THIS DEMOLITION PLAN.
2. INFORMATION ON THIS PLAN IS BASED ON THE SURVEY PROVIDED BY CALVIN, GIORDANO, AND ASSOCIATES, INC. ON 02/05/2014.
3. CONTRACTOR TO SAWCUT AND MATCH WHEN CONNECTING TO EXISTING ADJACENT PAVEMENT. SAWCUT LINES SHOWN ON PLANS ARE APPROXIMATE AND MAY NEED TO BE FIELD ADJUSTED BASED ON LOCATIONS OF UNDERGROUND FACILITIES.
4. PROPOSED LIMITS OF DEMOLITION SHALL INCLUDE REMOVAL OF ALL SOD, LANDSCAPING, PAVEMENT (FULL DEPTH OF BASE), SIGNS, FENCES, ETC. UNLESS OTHERWISE NOTED ON THIS PLAN.
5. FOR LIMITS OF MILLING AND RESURFACING AND LIMITS OF PAVEMENT AND BASE COURSE REMOVAL PLEASE REFER TO C-804 - TAFT STREET PAVING, GRADING, AND DRAINAGE PLAN
6. FOR EROSION CONTROL NOTES AND DETAILS PLEASE REFER TO ON-SITE PLAN SHEETS C-200 - EROSION CONTROL NOTES AND C-203 - EROSION CONTROL DETAILS.
7. FOR DEMOLITION NOTES PLEASE REFER TO ON-SITE PLAN SHEET C-300 - DEMOLITION NOTES.
8. SEE SHEET C-803 - TAFT STREET HORIZONTAL CONTROL PLAN FOR CONSTRUCTION CENTERLINE LAYOUT.
9. PROPOSED LIMITS OF DEMOLITION SHALL INCLUDE REMOVAL OF ALL SOD, LANDSCAPING, PAVEMENT (FULL DEPTH OF BASE), LIGHTING, SIGNS, FENCES, ETC. UNLESS OTHERWISE NOTED ON THIS PLAN.
10. PROPOSED LIMITS OF PUBLIC SIDEWALK DEMOLITION INCLUDE REMOVAL OF EXISTING SIDEWALK AND DRIVEWAYS. ALL WORK TO BE COORDINATED WITH CITY OF HOLLYWOOD, FDOT AND THE OWNERS CONSTRUCTION SCHEDULE MAINTENANCE OF TRAFFIC PLAN TO BE IN PLACE PRIOR TO COMMENCING WORK.

LEGEND:

- RIGHT-OF-WAY LINE
- LIMITS OF FULL DEMOLITION. FOR LIMITS OF MILLING AND RESURFACING AND LIMITS OF PAVEMENT AND BASE COURSE REMOVAL PLEASE REFER TO C-804 - TAFT STREET PAVING, GRADING, AND DRAINAGE PLAN
- EXISTING STRIPING TO BE REMOVED
- EXISTING FENCING TO BE REMOVED
- SAWCUT LIMITS
- PROPOSED SILT FENCE BARRIER (SEE DETAIL 1 ON C-203 - EROSION CONTROL DETAILS)
- PROPOSED TREE PRESERVATION BARRICADE (SEE C-203 - EROSION CONTROL DETAILS FOR DETAILS)

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

TAFT STREET DEMOLITION AND EROSION CONTROL PLAN

SHERIDAN STATION

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER
C-802

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-802 TAFT STREET DEMOLITION AND EROSION CONTROL PLAN January 15, 2015 01:16:58pm K:\FTL_Civil\043 Jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-802 TAFT STREET DEMOLITION AND EROSION CONTROL PLAN.dwg
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Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-803 TAFT STREET HORIZONTAL CONTROL PLAN January 15, 2015 01:17:34pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-803 TAFT STREET HORIZONTAL CONTROL PLAN.dwg
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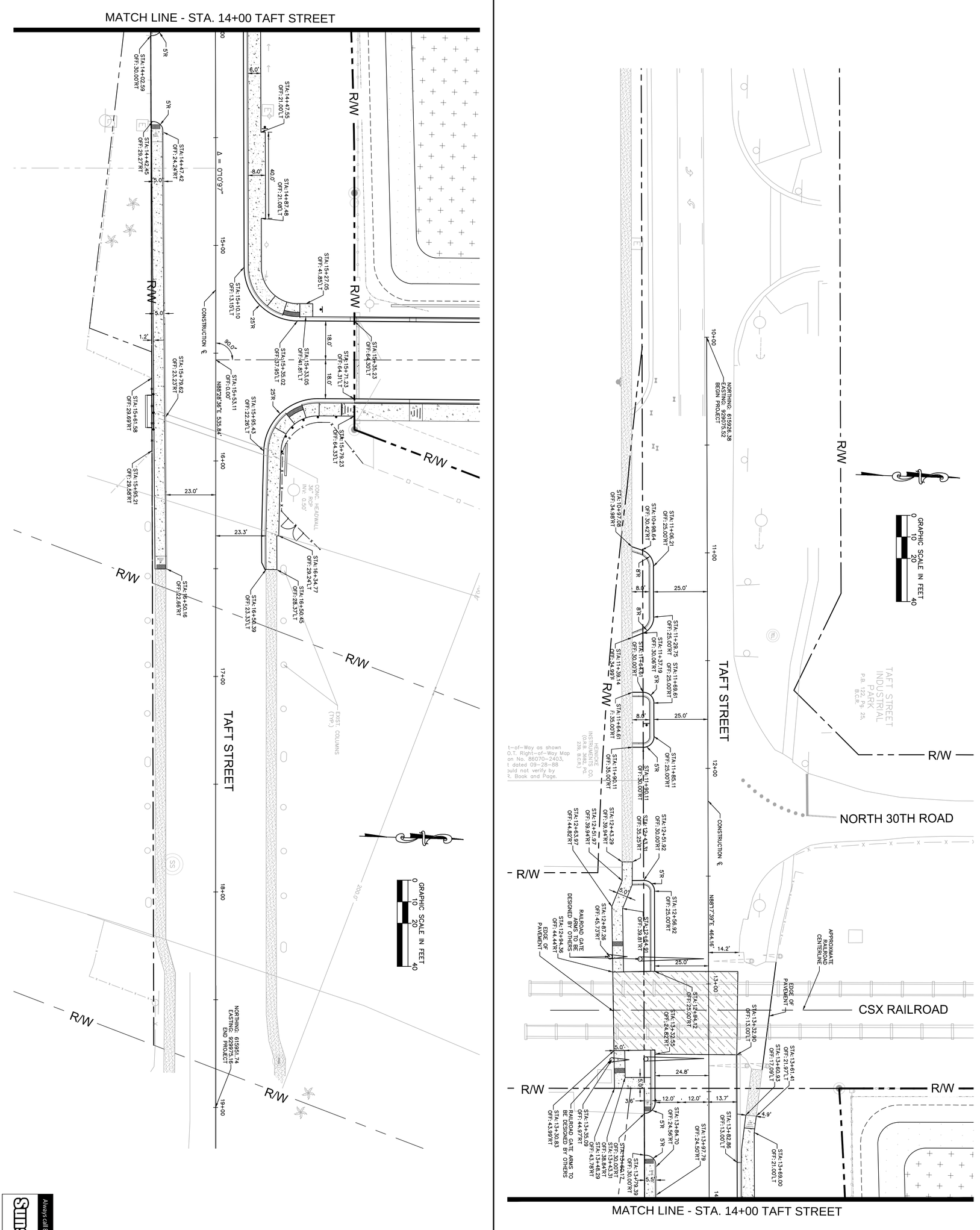

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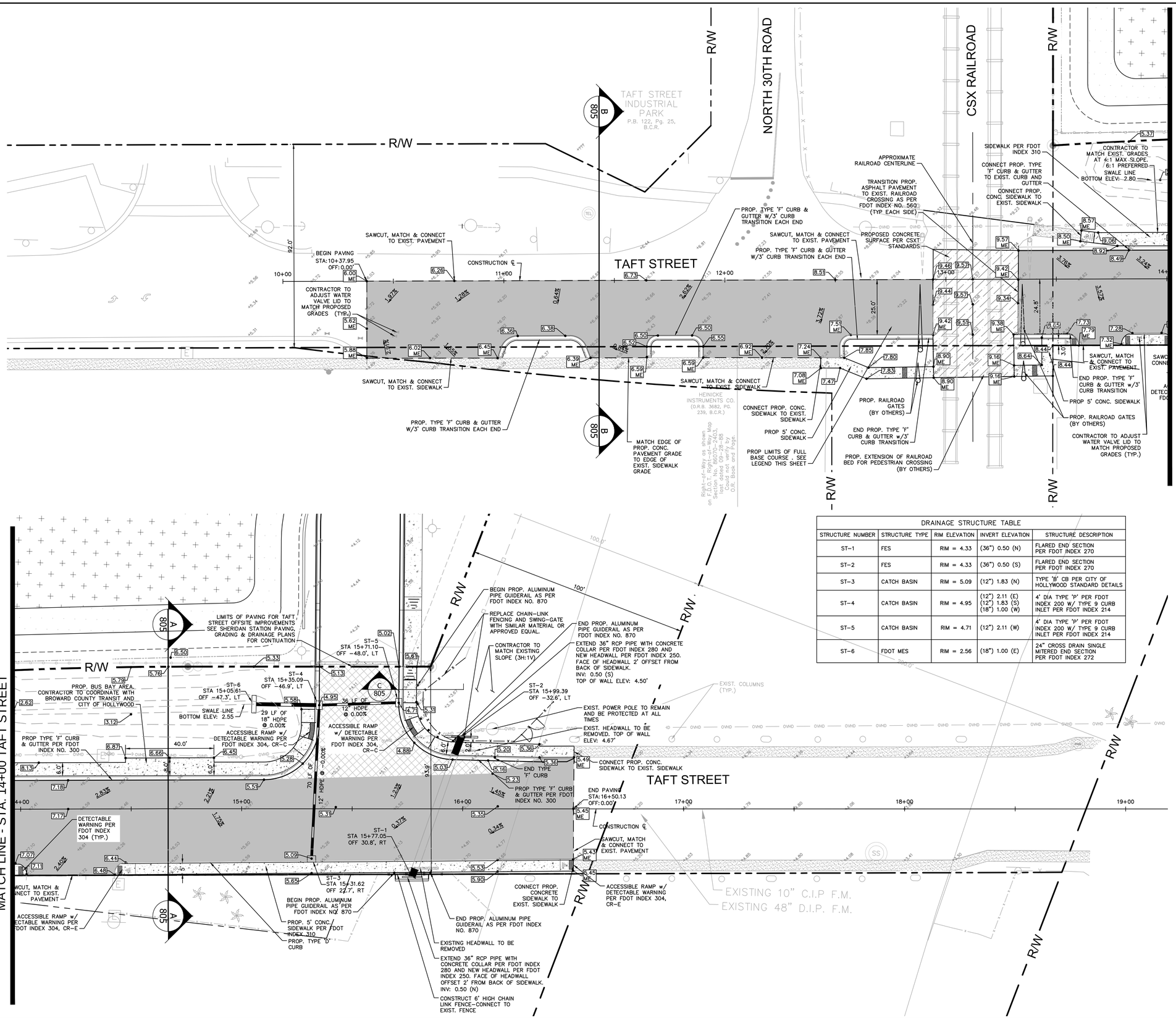
SHEET NUMBER C-803	SHERIDAN STATION PREPARED FOR RAM DEVELOPMENT COMPANY, INC.	TAFT STREET HORIZONTAL CONTROL PLAN	KHA PROJECT 043105002 DATE 1/13/2015 SCALE AS SHOWN DESIGNED BY SE DRAWN BY SE CHECKED BY CF	LICENSED PROFESSIONAL CHRISTOPHER THOMAS FALCE, P.E. 73908 DATE:	Kimley»Horn 600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324 PHONE: 954-535-5100 FAX: 954-739-2247 WWW.KIMLEY-HORN.COM CA 00000696	No. REVISIONS DATE BY


R/W
NORTH 30TH ROAD
CSX RAILROAD
TAFT STREET INDUSTRIAL PARK
P.B. 122, Pg. 25, B.C.R.
TAFT STREET
MATCH LINE - STA. 14+00 TAFT STREET
MATCH LINE - STA. 14+00 TAFT STREET
B 805
C 805
A 805
BEGIN PAVING STA:10+37.95 OFF: 0.00'
SAWCUT, MATCH & CONNECT TO EXIST. PAVEMENT
CONSTRUCTION ℄
CONTRACTOR TO ADJUST WATER VALVE LID TO MATCH PROPOSED GRADES (TYP.)
SAWCUT, MATCH & CONNECT TO EXIST. SIDEWALK
PROP. TYPE 'F' CURB & GUTTER W/3' CURB TRANSITION EACH END
MATCH EDGE OF PROP. CONC. PAVEMENT GRADE TO EDGE OF EXIST. SIDEWALK GRADE
HEINICKE INSTRUMENTS CO. (O.R.B. 3682, PG. 239, B.C.R.)
Right-of-Way as shown on F.D.O.T. Right-of-Way Map Section No. 8002-2503, last dated 09-28-88. Could not verify by O.R. Book and Page.
PROP. TYPE 'F' CURB & GUTTER W/3' CURB TRANSITION EACH END
SAWCUT, MATCH & CONNECT TO EXIST. PAVEMENT
PROP. TYPE 'F' CURB & GUTTER W/3' CURB TRANSITION EACH END
PROPOSED CONCRETE SURFACE PER CSXT STANDARDS
APPROXIMATE RAILROAD CENTERLINE
TRANSITION PROP. ASPHALT PAVEMENT TO EXIST. RAILROAD CROSSING AS PER FDOT INDEX NO. 560 (TYP. EACH SIDE)
SIDEWALK PER FDOT INDEX 310
CONTRACTOR TO MATCH EXIST. GRADES AT 4:1 MAX. SLOPE, 6:1 PREFERRED
SWALE LINE BOTTOM ELEV: 2.80
CONNECT PROP. TYPE 'F' CURB & GUTTER TO EXIST. CURB AND GUTTER
CONNECT PROP. CONC. SIDEWALK TO EXIST. SIDEWALK
SAWCUT, MATCH & CONNECT TO EXIST. PAVEMENT
END PROP. TYPE 'F' CURB & GUTTER W/3' CURB TRANSITION
PROP 5' CONC. SIDEWALK
PROP. RAILROAD GATES (BY OTHERS)
CONTRACTOR TO ADJUST WATER VALVE LID TO MATCH PROPOSED GRADES (TYP.)
CONNECT PROP. CONC. SIDEWALK TO EXIST. SIDEWALK
PROP 5' CONC. SIDEWALK
PROP LIMITS OF FULL BASE COURSE . SEE LEGEND THIS SHEET
PROP. RAILROAD GATES (BY OTHERS)
END PROP. TYPE 'F' CURB & GUTTER W/3' CURB TRANSITION
PROP. EXTENSION OF RAILROAD BED FOR PEDESTRIAN CROSSING (BY OTHERS)
R/W
82.0'
10+00
11+00
12+00
13+00
14+00
1.97%
1.28%
0.64%
1.62%
3.72%
2.57%
25.0'
24.8'
3.0'
6.00 ME
5.62 ME
5.88 ME
6.02 ME
6.45 ME
6.39 ME
6.36
6.38
6.50
6.52
6.59 ME
6.55
6.92 ME
7.24 ME
7.08 ME
7.47
7.53 ME
7.85
7.80
7.83
8.90 ME
9.16 ME
9.42 ME
9.46
9.57
9.44
9.51
9.34
9.38 ME
8.57 ME
8.50 ME
9.08
8.92
8.49
8.65
7.73
7.79 ME
7.28
7.32 ME
8.64
8.44
6.28
6.73
6.74
6.81
8.51
8.55
8.78
8.79
9.04
9.23
9.48
9.57
9.66
9.72
9.85
9.93
9.97
10.01
10.04
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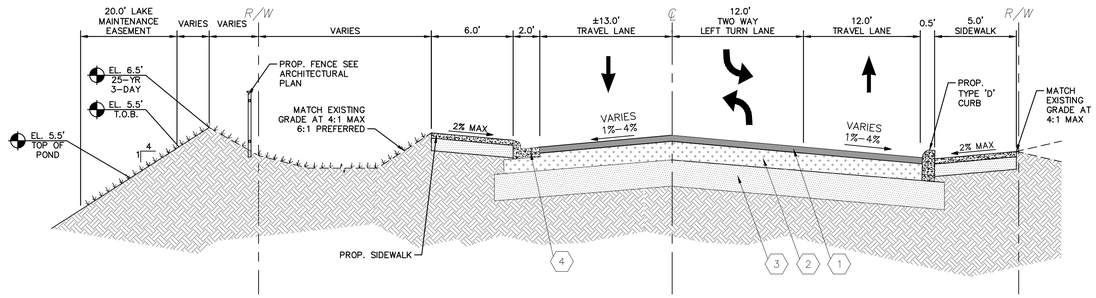


SECTION A-A

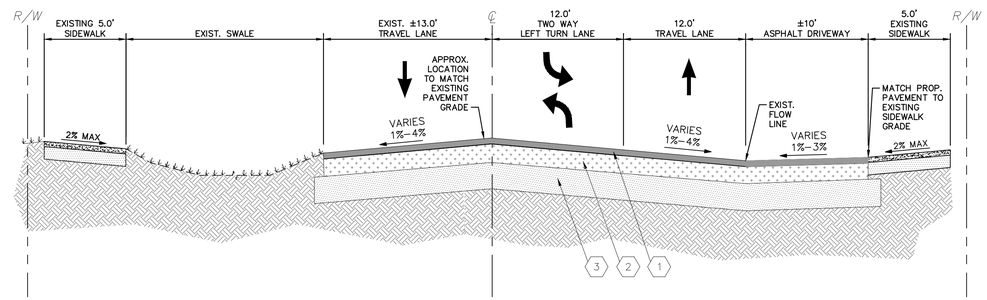
SCALE: N.T.S.

SECTION A-A

SCALE: N.T.S.

PAVING LEGEND

1. 2" ASPHALT SURFACE TYPE S-1 OR APPROVED EQUAL
2. 8" LIMEROCK BASE COMPACTED IN 2 LIFTS WITH MINIMUM LBR OF 100
3. 12" THICK SUBGRADE COMPACTED AND STABILIZED WITH MINIMUM DESIGN LBR OF 40 COMPACTED TO AT LEAST 98% OF MAXIMUM DRY DENSITY (AASHTO T-100)
4. TYPE 'F' CURB PER FDOT INDEX NO.300



SECTION B-B

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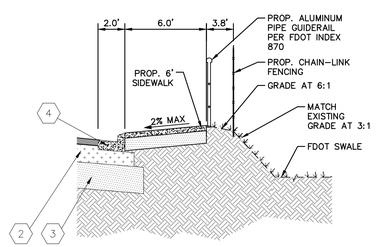

SECTION C

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LICENSED PROFESSIONAL

CHRISTOPHER THOMAS FALCE, P.E.

73908

DATE:

KHA PROJECT 043105002	
DATE	11/24/2014
SCALE	AS SHOWN
DESIGNED BY	SE
DRAWN BY	SE
CHECKED BY	CF

TAFT STREET CROSS SECTIONS

SHERIDAN STATION

PREPARED FOR

RAM DEVELOPMENT COMPANY, INC.

SHEET NUMBER

C-805

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-805 TAFT STREET CROSS SECTIONS November 24, 2014 06:49:28am K:\FTL_Civil\043_jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-804 TAFT STREET PAVING, GRADING, AND DRAINAGE PLAN.dwg

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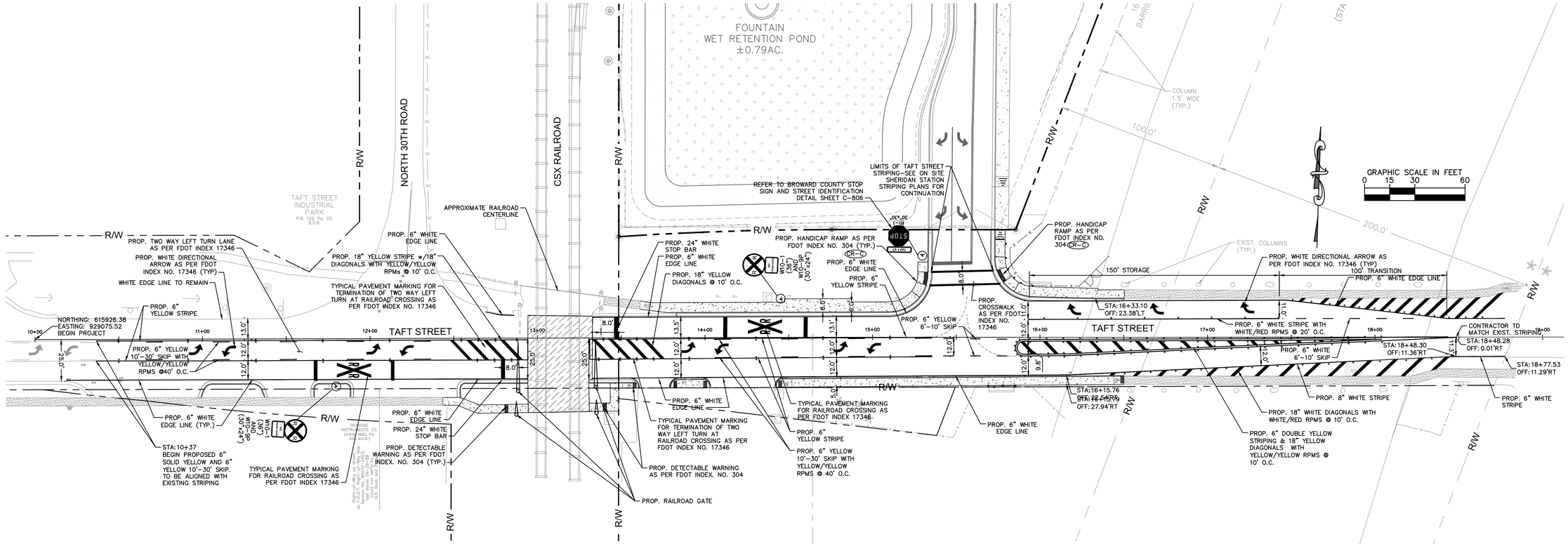


MAINTENANCE OF TRAFFIC

THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT INDEX NUMBERS (600 SERIES) AND THESE DOCUMENTS; THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA) SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.

MAINTENANCE OF TRAFFIC SCHOOL/PEDESTRIAN

THE MAINTENANCE OF TRAFFIC PLAN, PROVIDED BY THE CONTRACTOR SHALL INCLUDE PROVISIONS FOR PEDESTRIAN AND/OR SCHOOL STUDENT TRAFFIC AS WELL AS VEHICULAR TRAFFIC. THE FOLLOWING ARE MINIMUM REQUIREMENTS.

1. THE SAFE WALK ROUTE FOR ALL SCHOOL STUDENTS WITHIN THE VICINITY OF THE CONSTRUCTION ZONE SHALL BE MAINTAINED DURING THE TIMES STUDENTS ARE ARRIVING OR LEAVING SCHOOL. IF THE CURRENT WALKING SURFACE CAN NOT BE MAINTAINED, THEN A TEMPORARY WALKABLE SURFACE SHALL BE CREATED UTILIZING FOUR FEET (4') ROAD-ROCK. THE SAFE WALK ROUTE SHALL BE SEPARATED FROM THE CONSTRUCTION ACTIVITY BY WATER FILLED BARRIER WALLS FOR THE ENTIRE LENGTH OF THE PROJECT OR THE LENGTH OF THE WALK ROUTE, WHICHEVER IS LESS, WITH PROPER PEDESTRIAN OPENING ONLY AT DESIGNATED CROSSINGS. TO BE DISCUSSED AT THE PRE-CONSTRUCTION-SCHOOL SAFETY MEETING. THIS WALKABLE SURFACE SHALL MEET ALL ADA REQUIREMENTS. THE CONTRACTOR SHALL ALSO INSTALL OR MODIFY ANY ADDITIONAL PAVEMENT, SIGNING, MARKINGS OR PEDESTRIAN SIGNALS AS NEEDED IN CONJUNCTION WITH THIS SAFE WALK ROUTE THROUGHOUT THEIR PROJECT.
2. ALL CONSTRUCTION EQUIPMENT AROUND ANY DESIGNATED CROSSWALK SHALL CEASE TO OPERATE DURING THE TIMES STUDENTS ARE ARRIVING AT OR LEAVING SCHOOL. ALL CONSTRUCTION EQUIPMENT SHALL CEASE OPERATING UNLESS SATISFACTORILY BARRICADED FROM THE WALK ROUTE.
3. IN THE CASE THAT DESIGNATED CROSSING OR ANY PORTION OF THE DESIGNATED WALK ROUTE CANNOT BE MAINTAINED, THEN THE CONTRACTOR SHALL NOTIFY THE SPECIAL PROJECTS COORDINATOR AT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION, (954) 847-2650, MINIMUM OF TEN (10) WORKING DAYS PRIOR TO CLOSING THAT ROUTE IN ORDER THAT AN ALTERNATIVE CROSSING/ROUTE CAN BE ESTABLISHED.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ANY NECESSARY PAVEMENT, ROAD ROCK, PAVEMENT MARKING AND SIGNAGE AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN EXISTING OR ALTERNATED WALK ROUTE.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE STATE CERTIFIED SCHOOL CROSSING GUARDS OR OFF DUTY POLICE OFFICERS TO CROSS STUDENTS AT ANY LOCATIONS OTHER THAN THOSE PREVIOUSLY DESIGNATED. THE CONTRACTOR MAY USE FLAGMEN ONLY IF THEY ARE STATE CERTIFIED AS A SCHOOL CROSSING GUARD.
6. THIRTY (30) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE SPECIALS PROJECTS COORDINATOR AT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (954) 847-2650, TO ARRANGE A PRE-CONSTRUCTION - SCHOOL SAFETY MEETING.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE BROWARD COUNTY SCHOOL BOARD PUPIL TRANSPORTATION DEPARTMENT TO ARRANGE A PRE-CONSTRUCTION MEETING AT THE FOLLOWING:

CONTACT:	DEPARTMENT:	TELEPHONE:	E-MAIL ADDRESS:
RUTH MASTERS	ROUTING	(754) 321-4400 EXT.# 2309	RUTH.MASTERS@BROWARDSCHOOLS.COM
VINCENT HARRELL	STUDENT TRANSPORTATION & FLEET SERVICE	(754) 321-4472	VINCENT.HARRELL@BROWARDSCHOOLS.COM
MARY TOCHTERMANN	STUDENT TRANSPORTATION & FLEET SERVICE	(754) 321-4400 EXT.# 2006	MARY.TOCHTERMANN@BROWARDSCHOOLS.COM

THIS MEETING IS TO DETERMINE ALL BUS ROUTES AND TO MAKE ANY NECESSARY ARRANGEMENTS FOR REROUTING. THIS MEETING MAY INCLUDE SPECIAL PROJECTS COORDINATOR FROM BROWARD COUNTY TRAFFIC ENGINEERING DIVISION, (954) 847-2650.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SAFE AND ADEQUATE WALKING SURFACE FOR ALL SCHOOL CHILDREN/PEDESTRIANS, THE SAFE WALK ROUTE SHALL BE PART OF THE MAINTENANCE OF TRAFFIC PLAN.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN APPROVED MAINTENANCE OF TRAFFIC PLAN (MOT), INCLUDING THE ABOVE SCHOOL/PEDESTRIAN CONDITIONS, THROUGH BROWARD COUNTY TRAFFIC ENGINEERING DIVISION OR LOCAL MUNICIPALITY, DEPENDING ON ROADWAY JURISDICTION. THE CONDITIONS OUTLINED IN THE MOT ARE ENFORCED AND FULLY EFFECTIVE AS PART OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL WORK ASSOCIATED WITH THIS PROJECT IS IN COMPLIANCE WITH ALL THE REQUIREMENTS OF THE APPROVED MOT, INCLUDING THE ABOVE SCHOOL/PEDESTRIAN CONDITIONS.
10. THE CONTRACTOR SHALL ENSURE THAT THERE ARE NO SPEED LIMIT SIGNS INSTALLED WITHIN THE DESIGNATED REDUCED SCHOOL ZONE, AT ANY TIME THROUGHOUT THE PROJECT.

COMMUNICATION NOTES:

1. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF TRAFFIC SIGNALS AND RELATED EQUIPMENT IS BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (BCTED). ALL SYSTEM COMMUNICATIONS EQUIPMENT, CABLING, AND RELATED MATERIAL SHALL COMPLY WITH BROWARD COUNTY'S LATEST EDITION OF MINIMUM STANDARDS AS EXPRESSED IN THE "STANDARDS AND SPECIFICATIONS"- COMMUNICATION INFRASTRUCTURE" DOCUMENT. PLEASE REFER TO (BCTED'S) COMMUNICATIONS POLICIES AND PROCEDURES FOR ADDITIONAL INFORMATION. BROWARD COUNTY ENGINEERING DIVISION WILL NOT ACCEPT ANY PROJECTS THAT DO NOT MEET THESE STANDARDS AND SPECIFICATIONS. IF FIBER OPTIC PULL BOXES ALREADY EXIST AT AN INTERSECTION, NO ADDITIONAL FIBER OPTIC PULL BOXES WILL NEED TO BE INSTALLED. FOR A COPY OF THESE STANDARDS REFER TO THE BROWARD COUNTY WEBSITE AT WWW.BROWARD.ORG/TRAFFIC UNDER PUBLICATIONS.
2. IF THERE ARE COPPER INTERCONNECT CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT THE TRAFFIC SIGNAL TECHNICIAN III AT @TECOMMUNICATIONS@BROWARD.ORG OR 954-847-2761.
3. IF THERE ARE FIBER OPTIC CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG OR 954-357-8242.
4. ALL BCTED COMMUNICATIONS CABLE/CONDUIT SHALL BE LOCATED A MINIMUM OF 48 HOURS IN ADVANCE.

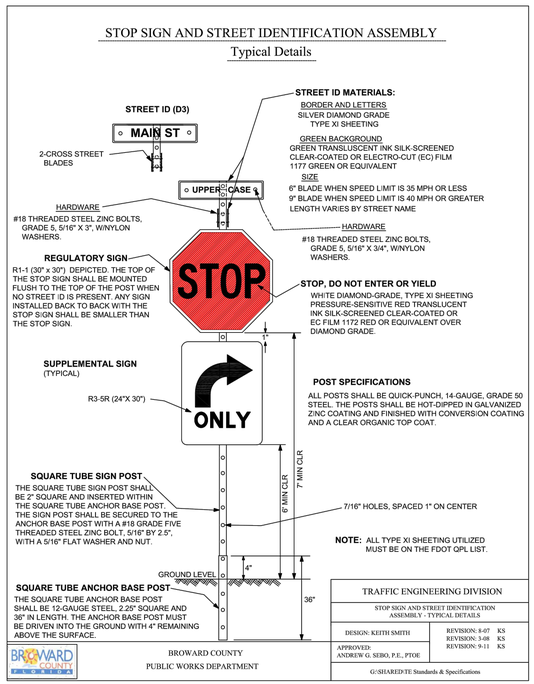
BROWARD COUNTY TRAFFIC ENGINEERING DIVISION PROCEDURE FOR NOTIFICATION OF COMMUNICATION DISRUPTION

1. COPPER INTERCONNECT CABLE NOTIFICATION CONTACT PERSON: WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC
2. MAIL (EMAIL) TO THE TRAFFIC SIGNAL TECHNICIAN III AT TECOMMUNICATIONS@BROWARD.ORG, NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING A 9:00 AM AND ENDING AT 3:00 PM.
3. FIBER OPTIC CABLE NOTIFICATION CONTACT PERSON: WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC
4. MAIL (EMAIL)TO THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG, NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING A 9:00 AM AND ENDING AT 3:00 PM.

SIGNING AND MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX # 17346, WHERE SHOWN ON THE PLANS
2. WHERE THE PLANS CALL FOR PAINTED PAVEMENT MARKINGS, INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 710 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING: CONTRACTOR TO APPLY TWO COATS OF VOC COMPLIANT, LOCAL DOT APPROVED, UNDILUTED, SOLVENT BASED OR LATEX TRAFFIC PAINT. CONTRACTOR TO FOLLOW MANUFACTURER'S RECOMMENDED APPLICATION RATE WITHOUT THE ADDITION OF A THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED PROVIDING MINIMUM 15 MILS WET FILM THICKNESS AND 7.5 MILS DRY FILM THICKNESS PER COAT. PAINT SHALL BE CRISP, STRAIGHT AND APPLIED UNIFORMLY ACROSS THE WIDTH OF A LINE FOR A TOTAL DRY FILM THICKNESS OF 15 MILS.
3. ALL PAVEMENT SYMBOLS AND MARKINGS ARE TO BE THERMOPLASTIC WITH THE EXCEPTION OF PARKING STRIPING. THERMOPLASTIC INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 711 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. BI-DIRECTIONAL AMBER/AMBER REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 40' INTERVALS CENTERED BETWEEN YELLOW SKIP STRIPES.
5. ONE BI-DIRECTIONAL AMBER/AMBER REFLECTIVE MARKER SHALL BE PROVIDED AT 40' INTERVALS ON EACH SIDE OF DOUBLE YELLOW STRIPES.
6. ONE BI-DIRECTIONAL AMBER/AMBER REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT EACH END OF 18" YELLOW STRIPES ON EACH SIDE OF DOUBLE YELLOW STRIPES.
7. BI-DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT LINES).
8. BI-DIRECTIONAL AMBER/AMBER REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 1' INTERVALS AT ALL BULLNOSES.
9. PLACEMENT OF ALL REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST REVISED).
10. ALL SIGNS SHALL BE HIGH INTENSITY.
11. ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST REVISED).
12. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH "THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS-STATE OF FLORIDA".

STOP SIGN AND STREET IDENTIFICATION ASSEMBLY
Typical Details



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No.	REVISIONS	DATE	BY

LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
73908
DATE:

KHA PROJECT 043105002
DATE 1/13/2015
SCALE AS SHOWN
DESIGNED BY SE
DRAWN BY SE
CHECKED BY CF

SHERIDAN STATION
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

TAFT STREET SIGNAGE AND MARKING PLAN

SHEET NUMBER
C-807

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-807 TAFT STREET SIGNAGE AND MARKING PLAN January 15, 2015 01:19:19pm K:\FTL_Civil\043_jobs\043105002-RAM Sheridan Stationside Multi-Family\CADD\Plan Sheets\C-806 TAFT STREET SIGNAGE AND MARKING PLAN.dwg
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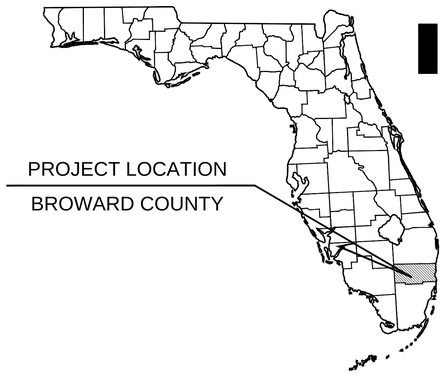
WEST PARK ROAD
INTERSECTION IMPROVEMENTS

HOLLYWOOD, FLORIDA

SECTION 08, TOWNSHIP 51, RANGE 42

NOVEMBER 2014



PROJECT TEAM

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
600 N PINE ISLAND RD, SUITE 450
PLANTATION, FL 33324
PHONE: (954) 535-5100
CONTACT: CHRISTOPHER FALCE, P.E.

SURVEYOR
LONGITUDE SURVEYORS
3900 N.W. 79th AVENUE
DORAL, FL 33316
PHONE: (305) 463-0912
CONTACT: EDUARDO M. SUAREZ, PSM

LIST OF CONTACTS

STORM WATER
BROWARD COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION (BCDEP)
1 N. UNIVERSITY DRIVE
PLANTATION, FL 33301
PHONE: (954) 519-1243
CONTACT: ASHLEY RESTA, P.E.

FIRE PROTECTION
CITY OF HOLLYWOOD
2741 STIRLING ROAD
HOLLYWOOD, FL 33312
PHONE: (954) 967-4248

CITY ENGINEERING
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3251
CONTACT: JONATHAN VOGT, CITY ENGINEER

WATER AND SANITARY SEWER
CITY OF HOLLYWOOD PUBLIC UTILITIES
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3302
CONTACT: STEVE JOSEPH, P.E.

ELECTRIC PROVIDER
FLORIDA POWER & LIGHT COMPANY
330 S.W. 12TH AVE.
POMPANO BEACH, FLORIDA 33069
PHONE: (954) 956-2075

BUILDING DIVISION
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3335

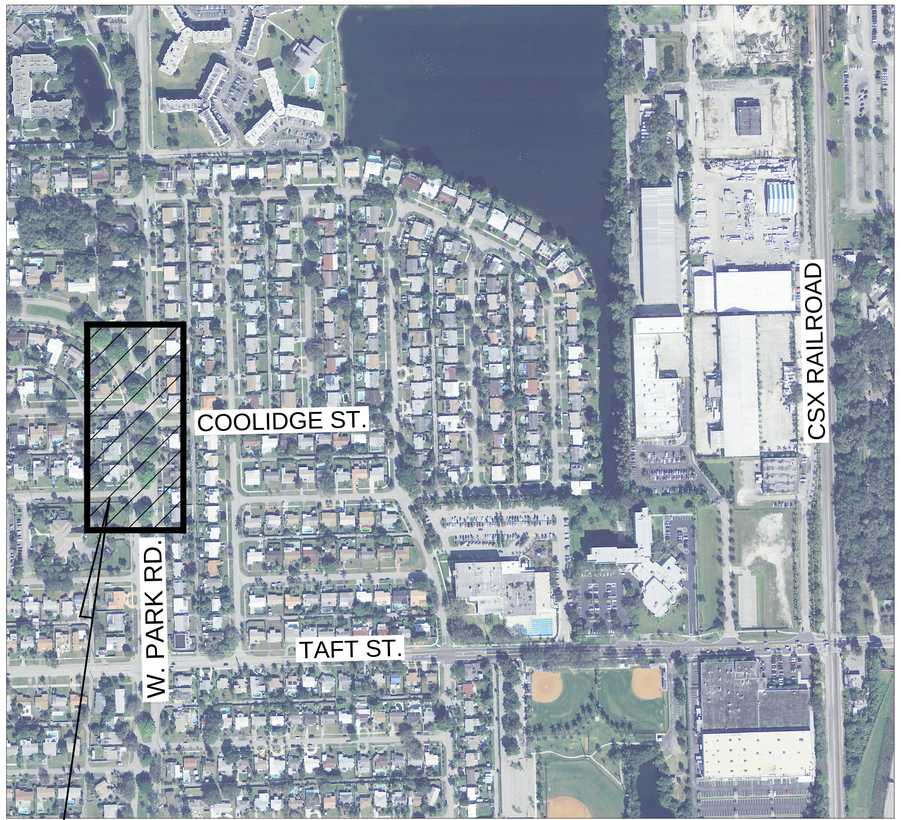
TRANSPORTATION
FLORIDA DEPT. OF TRANSPORTATION
3400 WEST COMMERCIAL BLVD.
FT. LAUDERDALE, FL 33309
PHONE: (954) 777-4383

PLANNING AND ZONING
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33022
PHONE: (954) 921-3471
CONTACT: JAY EPSTEIN

NATURAL GAS PROVIDER
TECO PEOPLES GAS
5101 NW 21st AVE., SUITE 460
FORT LAUDERDALE, FLORIDA 33309
(954) 453-0812

TELEPHONE PROVIDER
AT&T
6451 N. FEDERAL HIGHWAY
FORT LAUDERDALE, FLORIDA 33308
PHONE: (954) 928-4065

CABLE PROVIDER
COMCAST CABLE
2601 SW 145TH AVE
MIRAMAR, FL 33027
PHONE: (954) 447-8405



VICINITY MAP
1"=250'

SHEET INDEX

Sheet Number	Sheet Title
C-900	COVER SHEET
C-901	GENERAL NOTES
C-902	EROSION CONTROL AND DEMOLITION NOTES
C-903	EROSION CONTROL AND DEMOLITION PLAN
C-904	HORIZONTAL CONTROL AND SIGNING AND MARKING PLAN
C-905	ENGINEERING PLAN

NOTE:

THE PUBLIC ROADWAY(S) INDICATED IN THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS & HIGHWAYS - STATE OF FLORIDA."

PREPARED BY

Kimley»Horn

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LICENSED PROFESSIONAL
CHRISTOPHER THOMAS FALCE, P.E.
FLORIDA LICENSE NUMBER 73908

KHA PROJECT	043105002
DATE	11/24/2014
SCALE	AS SHOWN
DESIGNED BY	CTF
DRAWN BY	TJW
CHECKED BY	EW

COVER SHEET

WEST PARK ROAD
INTERSECTION IMPROVEMENTS
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.
BROWARD FLORIDA

SHEET NUMBER
C-900

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-900 COVER SHEET November 24, 2014 02:50:39pm K:\FTL_Civil\043 jobs\043105002-RAM Sheridan Stationside Multi-Family\Park and Coolidge\CAD\Plan Sheets\C-900 COVER SHEET.dwg
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Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C-901 GENERAL NOTES November 24, 2014 02:50:43pm K:\FTL_Civil\043_Jobs\043105002-RAM Sheridan Stationside Multi-Family\Park and Cooldge\CAD\Plan Sheets\C-901 GENERAL NOTES.dwg
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GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE CITY OF HOLLYWOOD, FLORIDA PUBLIC WORKS MANUAL, THE BROWARD COUNTY PUBLIC WORKS MANUAL, AND SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), THE FLORIDA BUILDING CODE, AND ALL OTHER LOCAL, COUNTY, STATE, AND FEDERAL STANDARDS GOVERNING THE PROPOSED WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. A LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
8. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INCREMENTS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES FOR EXISTING UTILITIES TO BE REMOVED, RELOCATED OR SUPPORTED IN PLACE, PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF THE COST OF WORK PRIOR TO PROCEEDING

RECORD DRAWINGS

1. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.
2. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AS-BUILT GRADES AND LOCATIONS OF FINISHED PAVEMENT, SIDEWALKS, CURBS, AND ALL PHYSICAL IMPROVEMENTS. SUCH GRADES SHALL BE OBTAINED BY A LICENSED SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF FLORIDA, AND SHALL DOCUMENT THE INTENT OF THE PROPOSED GRADES SHOWN ON THE PLANS. THIS SHALL BE DONE AT NO COST TO THE OWNER.

SURVEY DATA

1. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD). ALL COORDINATES ARE RELATIVE TO 0901-FLORIDA EAST ZONE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM (NAD) 1983 ADJUSTMENT OF 1990 (NAD83/90).
2. ALL EXISTING CONTROL POINTS AND/OR REFERENCE MARKERS SHALL BE RAISED TO FINAL GRADE. THESE POINTS AND REFERENCE MARKERS SHALL BE LOCATED AND NOTED ON THE AS-BUILTS.
3. THE LOCATION OF EXISTING RIGHT-OF-WAY LINES, CENTERLINES, ROADWAY PAVEMENT, UTILITIES, TREES, AND OTHER PHYSICAL ABOVE-GROUND FEATURES SHOWN ON THE PLANS WERE TAKEN FROM THE SPECIFIC PURPOSE SURVEYS PREPARED BY:
   LONGITUDE SURVEYORS
   3900 N.W. 79th AVENUE, SUITE 601
   DORAL, FL 33166
   TELEPHONE NO. (305) 463-0912 FAX NO. (305) 513-5680
   CONTACT: EDUARDO SUAREZ, P.S.M.
4. ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE OF SURVEY/CONSTRUCTION BASELINE.
5. EXISTING SECTION CORNERS AND ¼ SECTION CORNERS, AND OTHER LAND MARKER OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REPLACED IF DISTURBED BY THE CONTRACTOR AT DIRECTION OF A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
6. ANY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY:
   GEODETIC INFORMATION CENTER
   6001 EXECUTIVE BLVD.
   ROCKVILLE, MARYLAND 20852
   TELEPHONE NO. (301) 443-8319
   CONTACT: MARK MAINTENANCE SECTION N/CG-162

WATER AND SEWER UTILITY NOTES

1. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.
2. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.

TYPICAL ENGINEER OBSERVATIONS

CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:

- SUBGRADE PREPARATION
- BASE INSTALLATION
- ASPHALT INSTALLATION
- UNDERGROUND PIPING AND UTILITIES INSTALLATION
- INSTALLATION OF STRUCTURES, DDCV, HYDRANTS, METERS, ETC.
- SIDEWALK INSTALLATION
- CONNECTIONS TO WATER AND SEWER MAINS
- TESTS OF UTILITIES
- ANY OTHER INSPECTION FOR WHICH A PERMITTING AGENCY REQUIRES THE ENGINEER TO BE PRESENT

3RD PARTY TEST REPORTS REQUIRED

TEST REPORTS REQUIRED FOR CLOSE OUT INCLUDE, BUT ARE NOT LIMITED TO:

- DENSITY TEST REPORTS
- ANY OTHER TESTING REQUIRED BY THE AGENCY

DEMOLITION NOTES AND SPECIFICATIONS

SHOULD ANY SECTION OF THESE DEMOLITION NOTES BE IN DIRECT CONFLICT WITH THE PROVISIONS OR TECHNICAL SPECIFICATIONS CONTAINED IN THE CONTRACT DOCUMENT FOR THIS PROJECT, THE INTENT OF THE CONTRACT DOCUMENT SHALL GOVERN.

I. GENERAL

FOR THIS PROJECT, "OWNER" SHALL MEAN RAM DEVELOPMENT COMPANY, INC. "SURVEY" SHALL MEAN THE BOUNDARY SURVEY PREPARED BY LONGITUDE SURVEYORS ON 04/15/2014 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER:4479 AND "ENGINEER" SHALL MEAN THE ENGINEER OF RECORD.

1. EXISTING CONDITIONS, UTILITIES, STRUCTURES AND OTHER IMPROVEMENTS, AS SHOWN ON THE DEMOLITION DRAWINGS, WERE TAKEN FROM THE SURVEY, AND FROM INFORMATION PROVIDED BY UTILITY COMPANIES. AN ATTEMPT HAS BEEN MADE TO SHOW ALL EXISTING STRUCTURES, UTILITIES, DRIVES, WALKS, ETC., IN THEIR APPROXIMATE LOCATION. OTHERS MAY EXIST AND MAY BE FOUND UPON VISITING THE SITE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE ALL FACILITIES AND TO DETERMINE THEIR EXTENT. IF SUCH FACILITIES OBSTRUCT THE PROGRESS OF THE WORK AND ARE NOT INDICATED TO BE REMOVED OR RELOCATED, THEY SHALL BE REMOVED OR RELOCATED ONLY AS DIRECTED BY THE OWNER, ARCHITECT, OR ENGINEER OF RECORD, AT NO ADDITIONAL COST TO THE OWNER.
2. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. ORGANIZE AND PERFORM DEMOLITION WORK TO AVOID DAMAGE TO CONSTRUCTION INTENDED TO REMAIN, INCLUDING TREES (SEE LANDSCAPE PLANS FOR DETAILS).
4. DEMOLITION AND REMOVAL OPERATIONS SHALL BE CONDUCTED IN AN EXPEDIENT MANNER, WITH PRECAUTIONS TAKEN TO PREVENT THE DEMOLITION SITE FROM BEING A NUISANCE.
5. PERFORM REMOVAL AND DEMOLITION IN ACCORDANCE WITH DEMOLITION SCHEDULE (REFER TO SECTION IV.) AND TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT BUILDINGS, FURNISHINGS, AND EQUIPMENT. NOTIFY THE ENGINEER OF ANY CONDITIONS THAT MAY AFFECT THE SAFETY OF OCCUPANTS OF ADJACENT BUILDINGS, THE NORMAL USE OF THESE FACILITIES, OR THE PHYSICAL CONDITION OF THE STRUCTURES.
6. ALL EXISTING UTILITIES OUTSIDE THE PROPERTY BOUNDARIES ARE TO REMAIN, UNLESS OTHERWISE NOTED.
7. PRIOR TO DEMOLITION ACTIVITIES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL AFFECTED UTILITY COMPANIES IN ORDER TO COORDINATE THE DEACTIVATION OF ALL EXISTING UTILITY LINES WITHIN THE PROPERTY. ONCE ALL ONSITE UTILITIES HAVE BEEN DEACTIVATED, ALL LINES SHALL BE CUT AND CAPPED INSIDE THE PROPERTY LINE, AND REMOVED (UNLESS OTHERWISE INDICATED).
8. THE CONTRACTOR SHALL USE EXTREME CAUTION IN REMOVING ANY STRUCTURES AND UTILITIES ABOVE AND BELOW GRADE, TO PREVENT DAMAGE TO EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE. ANY DAMAGE TO EXISTING PIPELINES, UTILITIES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED, AT THE CONTRACTOR'S EXPENSE, IN A MANNER ACCEPTABLE TO THE PARTY IN OWNERSHIP OF THE DAMAGED PROPERTY. THE CONTRACTOR SHALL REPORT ANY EXISTING DAMAGE PRIOR TO BEGINNING WORK. IN THE EVENT OF ACCIDENTAL DISRUPTION OF UTILITIES OR THE DISCOVERY OF PREVIOUSLY UNKNOWN UTILITIES, STOP WORK IMMEDIATELY AND NOTIFY THE AFFECTED UTILITY COMPANY AND THE ENGINEER. DO NOT CONTINUE WORK UNTIL THE UTILITY COMPANY, ENGINEER, AND CONTRACTOR AGREE ON A PLAN TO CORRECT THE SITUATION OR IDENTIFY THE UTILITY SERVICE LINE.
9. EXISTING WORK NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY REMOVED, DAMAGED, EXPOSED, OR IN ANY WAY DISTURBED OR ALTERED BY THE CONTRACTORS ACTIVITIES SHALL BE REPAIRED, PATCHED OR REPLACED, SOLELY AT THE CONTRACTOR'S EXPENSE, TO THE ENGINEER'S AND OWNER'S SATISFACTION.
10. TITLE AND RESPONSIBILITY TO MATERIALS AND EQUIPMENT TO BE REMOVED, EXCEPT SALVAGEABLE EQUIPMENT TO BE RETAINED BY THE OWNER, IS VESTED TO THE CONTRACTOR UPON RECEIPT OF NOTICE TO PROCEED. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITION, LOSS OR DAMAGE TO SUCH MATERIALS AND EQUIPMENT AFTER THE ISSUANCE OF THE NOTICE TO PROCEED.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO:
    A. PROTECT ALL EXISTING STRUCTURAL AND VEGETATIVE ELEMENTS TO REMAIN DURING DEMOLITION UNLESS OTHERWISE SPECIFIED.
    B. IF APPLICABLE, PATCH AND REPAIR ALL SURFACES WITHIN THE PUBLIC R/W AFFECTED BY DEMOLITION
    C. SAW-CUT IN NEAT, STRAIGHT LINES, EXISTING CONC. OR ASPHALT PAVEMENT.
    D. REMOVE ALL EXISTING IRRIGATION LINES WITHIN THE LIMITS OF DEMOLITION UNLESS OTHERWISE NOTED.
    E. ALL EXISTING CHAIN LINK FENCES AND CBS WALLS ALONG THE PERIMETER OF THE PROPERTY SHALL REMAIN, UNLESS OTHERWISE SPECIFIED.
    F. NO ELECTRIC POLES, STREET LIGHTS, WATER METERS/VALVES, FIRE HYDRANTS ETC. WILL BE REMOVED WITHIN THE ROADWAY RIGHT-OF-WAY, UNLESS OTHERWISE NOTED ON THE DEMOLITION PLANS.
    G. REFER TO LANDSCAPE PLANS FOR VERIFICATION OF ALL EXISTING TREES TO BE REMOVED, RELOCATED OR TO REMAIN.

MAINTAIN ALL EXISTING SURVEY REFERENCES AND MARKERS IN PLACE, OTHERWISE THEY SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

II. DESCRIPTION

1. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, ETC., NECESSARY AND INCIDENTAL TO THE COMPLETION OF ALL SITE DEMOLITION AND CLEARING WORK AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING THE LEGAL TRANSPORT AND OFF-SITE DISPOSAL OF DEMOLITION DEBRIS.
2. ALL SITE WORK INCLUDES , BUT IS NOT LIMITED TO THE FOLLOWING:
   A. FULL-DEPTH REMOVAL OF EXISTING SIDEWALKS, DRIVES, CURBS, AND PAVEMENT
   B. FULL DEPTH REMOVAL OF EXISTING BUILDING FOUNDATIONS, UNDERGROUND UTILITIES AND RELATED STRUCTURES.
   C. CLEARING SITE OF VEGETATION AND TREES AS NOTED ON THE LANDSCAPE PLANS.
   D. CLEARING SITE OF DEMOLITION DEBRIS.
   E. REMOVAL FROM SITE AND DISPOSAL OF ALL EXCESS AND UNUSABLE MATERIAL.
   F. COORDINATION WITH ALL UTILITY COMPANIES/OWNERS PRIOR TO DEACTIVATION OF EXISTING UTILITIES.

III. APPLICABLE CODES

1. DEMOLITION AND TRANSPORTATION OF DEBRIS SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS GOVERNING THESE OPERATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS, BONDS, LICENSES, ETC., REQUIRED FOR DEMOLITION AND CLEARING WORK.
2. ANY WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF HOLLYWOOD PUBLIC WORKS DEPARTMENT, AND OTHER GOVERNMENTAL AGENCIES WHO MAY HAVE JURISDICTION OF THE PUBLIC RIGHT-OF-WAY. SAID WORK SHALL NOT BEGIN UNTIL THE CONTRACTOR HAS OBTAINED ALL PERMITS AND NOTIFIED ALL THE GOVERNING AUTHORITIES.

IV. SEQUENCING AND SCHEDULING

1. AREAS ADJACENT TO DEMOLITION AND REMOVAL WORK MAY BE OCCUPIED AND THEIR ACTIVITIES CANNOT BE INTERRUPTED OR DISTURBED DURING NORMAL WORKING HOURS. DEMOLITION SCHEDULE SHALL BE COORDINATED WITH ALL ADJACENT PROPERTY OWNERS AND ANY OTHER PARTIES WHOSE DAILY ACTIVITIES WOULD BE AFFECTED BY THE DEMOLITION WORK.
2. COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR UTILITY LINE REMOVAL, CAPPING AND UTILITY SHUTDOWNS NECESSITATED BY REMOVAL WORK.

V. ENVIRONMENTAL PROTECTION

1. CONTROL AMOUNT OF DUST RESULTING FROM CONSTRUCTION OR DEMOLITION TO PREVENT SPREAD OF DUST TO OTHER BUILDINGS AND TO AVOID CREATION OF A NUISANCE IN SURROUNDING AREAS. USE OF WATER TO CONTROL DUST WILL NOT BE PERMITTED WHEN IT WILL RESULT IN, OR CREATE, HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING.
2. NOISE PRODUCING ACTIVITIES SHALL BE HELD TO A MINIMUM. INTERNAL COMBUSTION ENGINES AND COMPRESSORS, ETC., SHALL BE EQUIPPED WITH MUFFLERS TO REDUCE NOISE TO A MINIMUM. CONTRACTOR SHALL COMPLY WITH ALL NOISE ABATEMENT ORDINANCES.
3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
4. DISPOSITION OF DEMOLISHED MATERIALS BY BURNING IS NOT PERMITTED.
5. ALL CLEARING SHALL BE PERFORMED IN A MANNER SUCH AS TO PREVENT ANY WASH-OFF OF SOILS AND DEBRIS FROM THE SITE INTO PUBLIC RIGHT-OF-WAY WATER BODIES, AND/OR STORM DRAINAGE SYSTEMS. APPROPRIATE SEDIMENTATION PONDS, DIKES, COLLARS, AND FILTER MEDIA SHALL BE EMPLOYED TO INSURE COMPLIANCE WITH THESE REQUIREMENTS. WHERE A SPECIFIC STATUTE GOVERNS THESE PROCEDURES, SUCH STATUTE SHALL BE COMPLIED WITH IN ITS ENTIRETY.
6. AT ALL TIMES DURING THE CLEARING OPERATION, THE EXPOSED AREAS OF SUBGRADE SHALL BE MAINTAINED IN A CONDITION COMPATIBLE WITH POSITIVE DRAINAGE OF THE WORK AREA. NO WATER WILL BE PERMITTED TO STAND IN OPEN EXCAVATIONS. ALL STORMWATER RUNOFF SHALL BE CONTAINED WITHIN THE SITE. FAILURE TO MAINTAIN SUCH DRAINAGE SHALL BE CONSIDERED ADEQUATE CAUSE TO ORDER TEMPORARY SUSPENSION OF THE WORK.
7. IF IT SHOULD BECOME NECESSARY TO STOP WORK FOR INDEFINITE PERIODS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE OR DETERIORATION OF THE WORK ALREADY PERFORMED, PROVIDE SUITABLE AND FUNCTIONAL DRAINAGE BY OPENING DITCHES, FILTER DRAINS, TEMPORARY CUT-OFF LINES, ETC., AND ERECT TEMPORARY PROTECTIVE STRUCTURES WHERE NECESSARY. ALL EMBANKMENTS SHALL BE BACK-BLADED AND SUITABLY SEALED TO PROTECT AGAINST ADVERSE WEATHER CONDITIONS.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN REMOVING ABANDONED AND DE-ENERGIZED MATERIALS. IF ASBESTOS PIPES ARE ENCOUNTERED, THE CONTRACTOR WILL TAKE ALL NECESSARY ABATEMENT STEPS AS REQUIRED BY GOVERNING REGULATIONS TO SAFELY REMOVE AND DISPOSE OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF SAID MATERIALS.
9. THE CONTRACTOR SHALL SECURE THE WORK AREA WITH FENCING OR OTHER MEANS AS APPROVED BY THE OWNER.

VI. TRAFFIC MAINTENANCE

1. THE CONTRACTOR SHALL FOLLOW FDOT MAINTENANCE OF TRAFFIC PROCEDURES DURING DEMOLITION IN PUBLIC RIGHT-OF-WAYS AND PRIVATE DRIVEWAYS, PEDESTRIANS PATHS, AND ROADWAYS (INDEX 600 SERIES), AND PREPARE AND OBTAIN APPROVAL OF SUCH MAINTENANCE OF TRAFFIC PLAN FROM THE APPROPRIATE REGULATORY AGENCY.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING, SHORING, TEMPORARY CROSSOVER FOR PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING GUARDRAILS, LAMPS, WARNING SIGNS AND FLAGS AS REQUIRED BY AGENCIES HAVING JURISDICTION, AND SHALL NOT REMOVE THESE UNTIL THE NEED FOR PROTECTION CEASES.
3. THE CONTRACTOR MAY NOT CLOSE ANY SIDEWALKS WITHOUT PROVIDING ALTERNATE ROUTES IN ACCORDANCE WITH FDOT INDEX 660 AND OBTAINING APPROVAL FROM THE GOVERNING JURISDICTIONAL AGENCY.
4. THE CONTRACTOR SHALL CONDUCT REMOVAL OPERATIONS SO THAT TRAFFIC IS MAINTAINED ALONG EXISTING STREETS AND WALKS. ALL PUBLIC PAVED STREETS AND WALKWAYS MUST BE KEPT FREE OF DEBRIS. THE CONTRACTOR MUST REMOVE MATERIAL AND OTHER MATTER TRACKED OR FALLEN ONTO TRAFFIC SURFACES.

VII. CLEAN UP

1. REMOVE DEMOLISHED CONSTRUCTION MATERIALS AND RELATED DEBRIS FROM THE SITE ON A REGULAR BASIS. ACCUMULATION OF DEBRIS ON THE SITE WILL NOT BE PERMITTED. SELLING OF SALVAGEABLE MATERIALS IS NOT PERMITTED AT THE SITE.
2. REMOVE MATERIALS, INCLUDING DEBRIS AND DUST, AND DISPOSE OF LEGALLY OFF SITE. NO DEBRIS SHALL BE BURNED OR BURIED ON THE SITE AS A MEANS OF DISPOSAL. USE METHODS APPROVED BY THE REGULATORY AGENCIES PRIOR TO BEGINNING CLEANUP OPERATIONS. USE OF BLOWERS TO DISTRIBUTE DUST WILL NOT BE PERMITTED.
3. MATERIAL DESIGNATED FOR REMOVAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND ANY SALVAGE VALUE THERE FROM WILL ACCRUE TO THE CONTRACTOR.

PAVING, GRADING, AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-S

GENERAL EROSION CONTROL NOTES

1. THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE BROWARD COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17–25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 40D–4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R–92–005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

   A. THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BEST MANAGEMENT PRACTICES. THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION AND SEDIMENTATION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS.

   B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NPDES GENERAL PERMIT, AND BECOME FAMILIAR WITH THEIR CONTENTS.

   C. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE PROJECT LUMP SUM COST.

2. THE SWPPP IS COMPRISED OF THESE EROSION CONTROL DRAWINGS, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

   A. FUEL SPILL AND LEAK PREVENTION
   B. PREVENT/REDUCE VEHICLE AND EQUIPMENT WASHING AND STEAM CLEANING
   C. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR
   D. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS
   E. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY–PRODUCTS
   F. SOLID WASTE MANAGEMENT
   G. HAZARDOUS WASTE MANAGEMENT
   H. CONCRETE WASTE MANAGEMENT
   I. SANDBLASTING WASTE MANAGEMENT
   J. STRUCTURE CONSTRUCTION AND PAINTING
   K. SPILL PREVENTION AND CONTROL
   L. CONTAMINATED SOIL MANAGEMENT
   M. SANITARY/SEPTIC WASTE MANAGEMENT
   N. SOIL EROSION CONTROL
   O. STORM WATER TURBIDITY MANAGEMENT

   THROUGHOUT ALL PHASES OF CONSTRUCTION, ADDITIONAL BMPs SHALL BE IMPLEMENTED AS DICTATED BY THE SITE CONDITIONS AT NO ADDITIONAL COST TO THE OWNER

4. BMPs SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.

5. THE SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.

6. MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.

7. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERIMETER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERIMETER CONTROLS ARE IN PLACE. PERIMETER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.

8. ON–SITE & OFF–SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BMPs. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.

9. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.

10. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

11. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN–UP FUEL OR CHEMICAL SPILLS AND LEAKS.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

13. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

14. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.

15. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.

16. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.

17. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.

18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.

21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

STORMWATER EROSION CONTROL PRACTICES

1. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

2. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

3. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (COMPOST SOCK DEVICES, ETC.) TO PREVENT EROSION.

4. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.

5. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:

   A. EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.

   B. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. BMPs SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE AND FINAL SITE STABILIZATION HAS OCCURRED.

   C. WHEN NEEDED, A TEMPORARY SEDIMENT TRAP SHOULD BE CONSTRUCTED TO DETAIN SEDIMENT–LADEN RUNOFF FROM DISTURBED AREAS.

   D. ACCUMULATED SILT BEHIND THE SILT BARRIERS, AND ANY FILL USED TO ANCHOR THE SILT BARRIERS, SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED BY THE MANUFACTURER.

   E. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.

6. SOD SHALL BE PLACED FOR A 2–FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.

WIND EROSION CONTROL PRACTICES:

1. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:

   A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.

   B. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED (SEE PERMANENT STABILIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUNDCOVER (SEE TEMPORARY STABILIZATION PRACTICES FOR DETAILS).

2. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6–FT GEOTEXTILE FILTER FIBER SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.

   A. ALL DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

STABILIZATION PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO 62–621.300(4)(a)

STRUCTURAL PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO 62–621.300(4)(a)

WASTE DISPOSAL:

1. WASTE MATERIALS – ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

2. HAZARDOUS WASTE – HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

3. SANITARY WASTE – SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

4. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

OFFSITE TRACKING:

1. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

2. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATION PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.

3. ALL WASH WATER FROM CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED ON SITE AND SHALL BE PROPERLY TREATED OR DISPOSED.

4. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.

5. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

SPILL PREVENTION AND CONTROL

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

1. GOOD HOUSEKEEPING

   A. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

   B. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

   C. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

   D. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

   E. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

   F. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

2. HAZARDOUS PRODUCTS

   A. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

   B. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

3. PRODUCT SPECIFIC PRACTICES

   A. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

   B. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

   C. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

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

SPILL CLEAN UP:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED ABOVE, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

2. THE FOLLOWING CLEAN–UP EQUIPMENT MUST BE KEPT ON–SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

3. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ONSITE AND READILY AVAILABLE TO CONTAIN AND CLEAN–UP FUEL OR CHEMICAL SPILLS AND LEAKS.

4. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

5. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

6. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

7. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

8. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
3. THE COMPOST ROCK FILTRATION DEVICE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF DEVICE. COMPOST SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE COMPOST SOCK WHEN IT REACHES ONE–THIRD THE HEIGHT OF THE COMPOST SOCK.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION. DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.
8. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON–SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.
9. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.
10. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.
11. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE–HALF THE HEIGHT OF THE SILT FENCE..

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CHRISTOPHER THOMAS FALCE, P.E.
FLORIDA LICENSE NUMBER 73908

KHA PROJECT	043105002
DATE	11/24/2014
SCALE	AS SHOWN
DESIGNED BY	CTF
DRAWN BY	TJW
CHECKED BY	EW
DATE:	

EROSION CONTROL AND DEMOLITION NOTES

WEST PARK ROAD
INTERSECTION IMPROVEMENTS
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.
BROWARD COUNTY, FLORIDA

SHEET NUMBER
C-902

Plotted By:Ebrahimi, Sina Sheet Set:RAM SHERIDAN STATION Layout:C–902 EROSION CONTROL AND DEMOLITION NOTES November 24, 2014 02:50:50pm K:\FTL_Civil\043_jobs\043105002–RAM Sheridan Stationside Multi–Family\Park and Coolidge\CAD\Plan Sheets\C–903 EROSION CONTROL AND DEMOLITION PLAN.dwg
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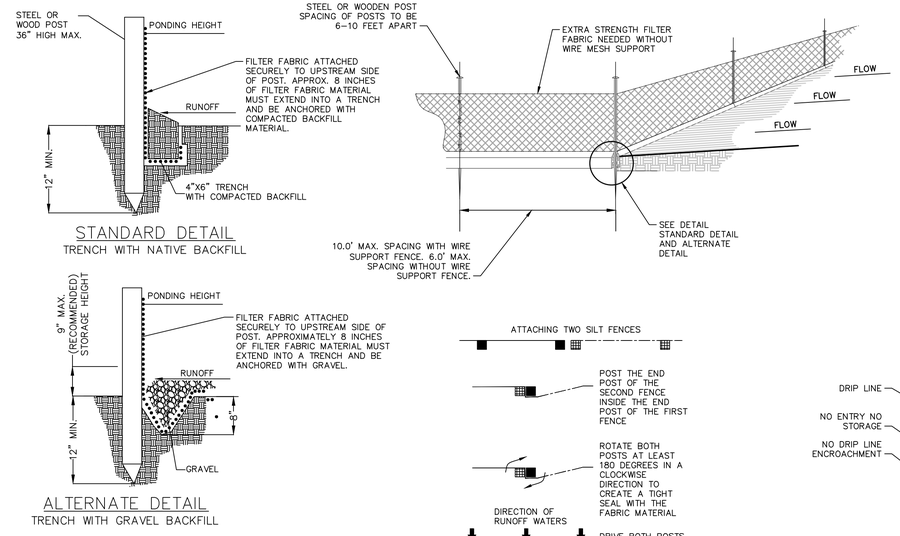
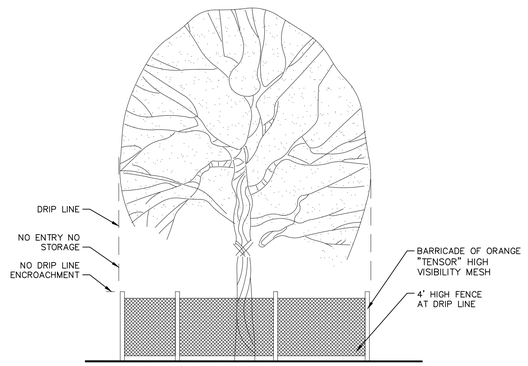


NOTES:

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

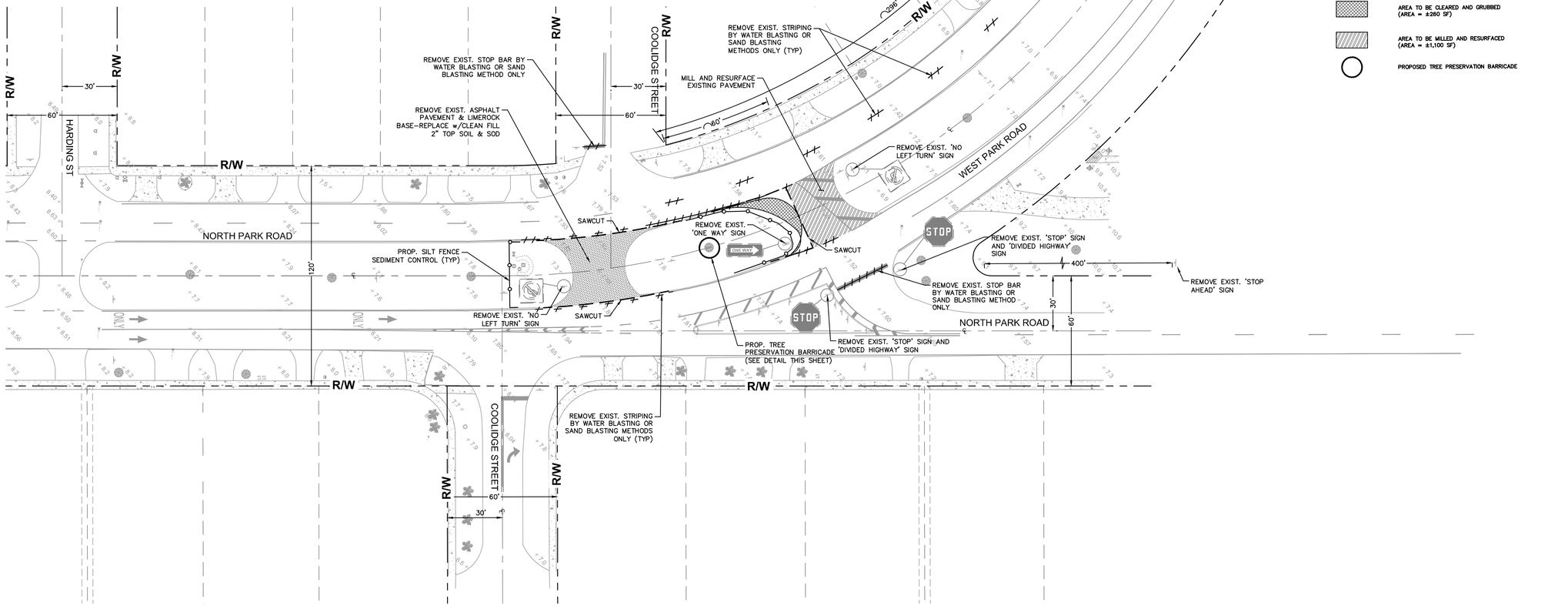
SILT FENCE SEDIMENT CONTROL

N.T.S.



TREE PRESERVATION BARRICADE

N.T.S.



NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND:

- R/W — PROPERTY LINE AND/OR RIGHT-OF-WAY LINE
- PROPOSED SILT FENCE SEDIMENT CONTROL (SEE DETAIL)
- EXISTING ROADWAY MARKINGS TO BE REMOVED
- REMOVE EXISTING ASPHALT PAVEMENT AND LIMEROCK BASE (AREA = ±1,350 SF)
- AREA TO BE CLEARED AND GRUBBED (AREA = ±260 SF)
- AREA TO BE MILLED AND RESURFACED (AREA = ±1,100 SF)
- PROPOSED TREE PRESERVATION BARRICADE

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KHA PROJECT 043105002			
DATE 11/24/2014			
SCALE AS SHOWN	DESIGNED BY CTF	DRAWN BY TJW	CHECKED BY EW

EROSION CONTROL AND DEMOLITION PLAN

WEST PARK ROAD INTERSECTION IMPROVEMENTS

PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.

BROWARD FLORIDA

SHEET NUMBER
C-903

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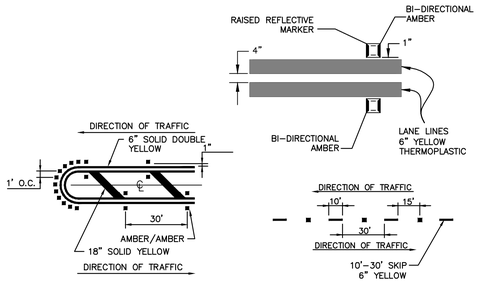
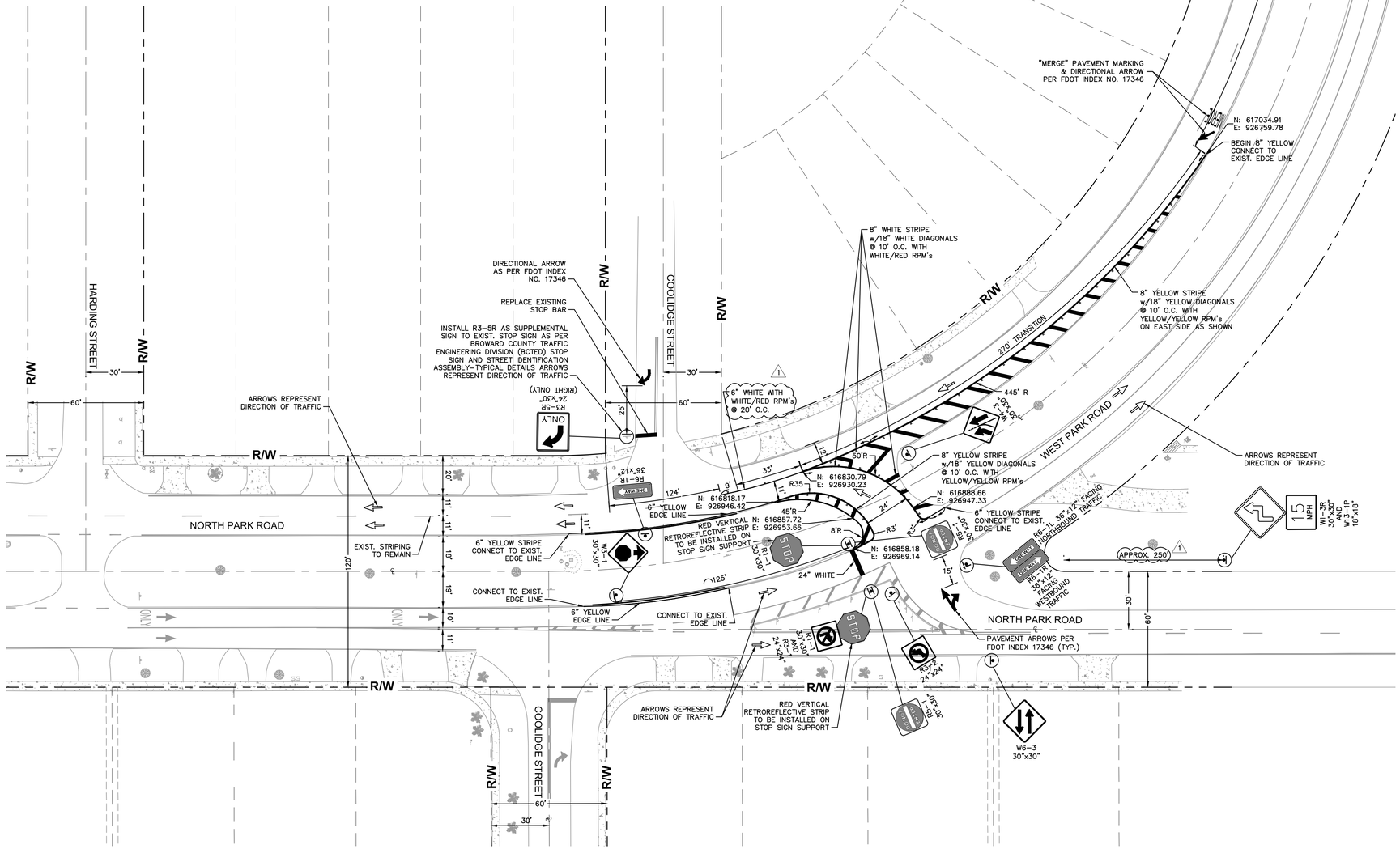
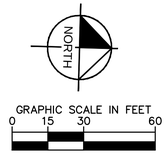


REFLECTIVE PAVEMENT MARKING (RPM)

N.T.S.





LEGEND:

- R/W — — — PROPERTY LINE AND/OR RIGHT-OF-WAY LINE
- ⇦ DIRECTIONAL ARROW INDICATES DIRECTION OF TRAFFIC ONLY-THEY DO NOT REPRESENT PAVEMENT MARKINGS
- ⬅ THERMOPLASTIC PAVEMENT MARKINGS PER FDOT STANDARDS

No.	REVISIONS	DATE	BY
1	REVISIONS AS PER BROWARD CO. COMMENTS	11/19/2014	AK

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CHRISTOPHER THOMAS FALCE, P.E.
FLORIDA LICENSE NUMBER 73908
DATE:

KHA PROJECT 043105002	DESIGNED BY CTF
DATE 11/24/2014	DRAWN BY TJW
SCALE AS SHOWN	CHECKED BY EW

HORIZONTAL CONTROL AND SIGNING AND MARKING PLAN

WEST PARK ROAD
INTERSECTION IMPROVEMENTS
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.
BROWARD FLORIDA

SHEET NUMBER
C-904

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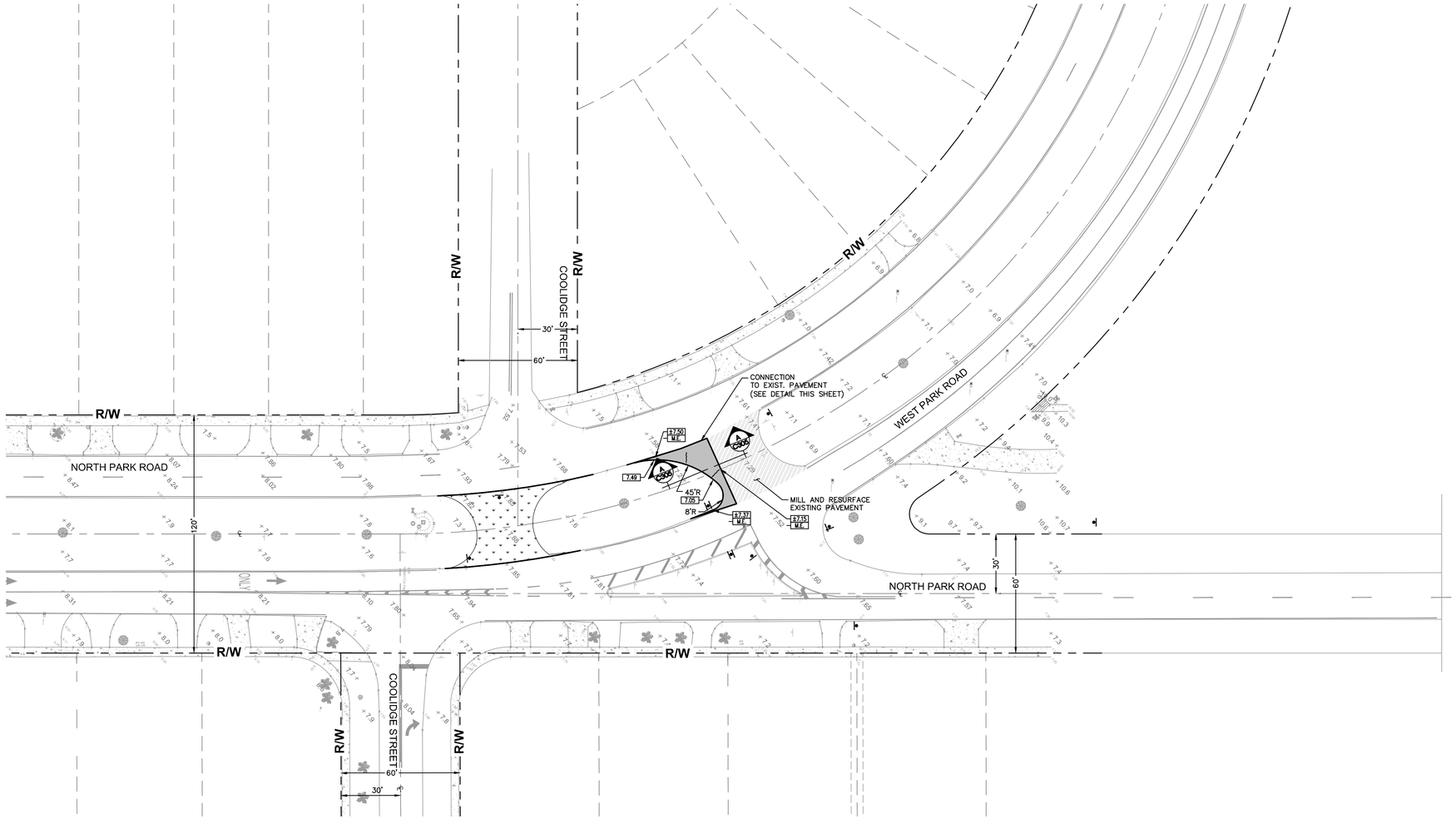
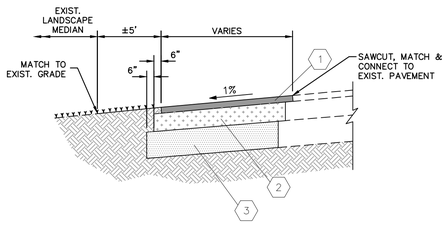
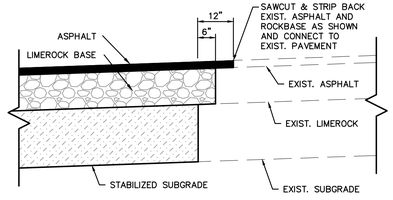




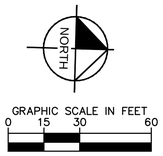
NOTES:

1. 2" ASPHALT SURFACE TYPE S-1
2. 8" LIMEROCK BASE COMPACTED IN 2 LIFTS WITH MINIMUM LBR OF 100
3. 12" THICK SUBGRADE COMPACTED AND STABILIZED WITH MINIMUM DESIGN LBR OF 40 COMPACTED TO AT LEAST 98% OF MAXIMUM DRY DENSITY (AASHTO T-100)

SECTION A-A
N.T.S.



CONNECTION TO EXISTING PAVEMENT
N.T.S.



LEGEND:

- PROPERTY LINE AND/OR RIGHT-OF-WAY LINE
- PROPOSED ASPHALT PAVEMENT, LIMEROCK BASE, AND COMPACTED SUBGRADE (AREA = ±350 SF)
- AREA TO BE MILLED AND RESURFACED (AREA = ±1,100 SF)
- PROPOSED SOD LIMITS (AREA=±1,350 SF)
- 7.05 PROPOSED PAVEMENT GRADE
- 7.15 M.E. PROPOSED PAVEMENT GRADE – MATCH EXISTING GRADE
- PROPOSED FLOW ARROW
- +7.52 EXISTING ELEVATION

NOTES:

1. ELEVATIONS SHOWN ARE IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL COORDINATES (NORTHING AND EASTING) ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATES, FLORIDA EAST ZONE, NORTH AMERICAN DATUM (NAD) 1983 ADJUSTMENT OF 1990 (NAD 83/90).
2. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
3. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
4. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FPL ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
5. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY THE POWER LINES.

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FLORIDA LICENSE NUMBER 73908
DATE

KHA PROJECT 043105002
DATE 11/24/2014
SCALE AS SHOWN
DESIGNED BY CTF
DRAWN BY TJW
CHECKED BY EW

ENGINEERING PLAN

WEST PARK ROAD
INTERSECTION IMPROVEMENTS
PREPARED FOR
RAM DEVELOPMENT COMPANY, INC.
BROWARD FLORIDA

SHEET NUMBER
C-905

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