

Site Plan

SCALE: 1" = 20'-0"



GENERAL NOTES:

- SEE ENLARGED PLANS FOR FURTHER DIMS AND NOTES. SHEET A1.01

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project info :

**Parc Place
 Phase 2
 East Parking Garage**
 1700-1716 Harrison Street
 Hollywood, Florida

seal :

ROBERT K. MORISSETTE, AIA, NCARB, LEED AP BD+C, CDP
 FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

Rev 1	06/28/2018

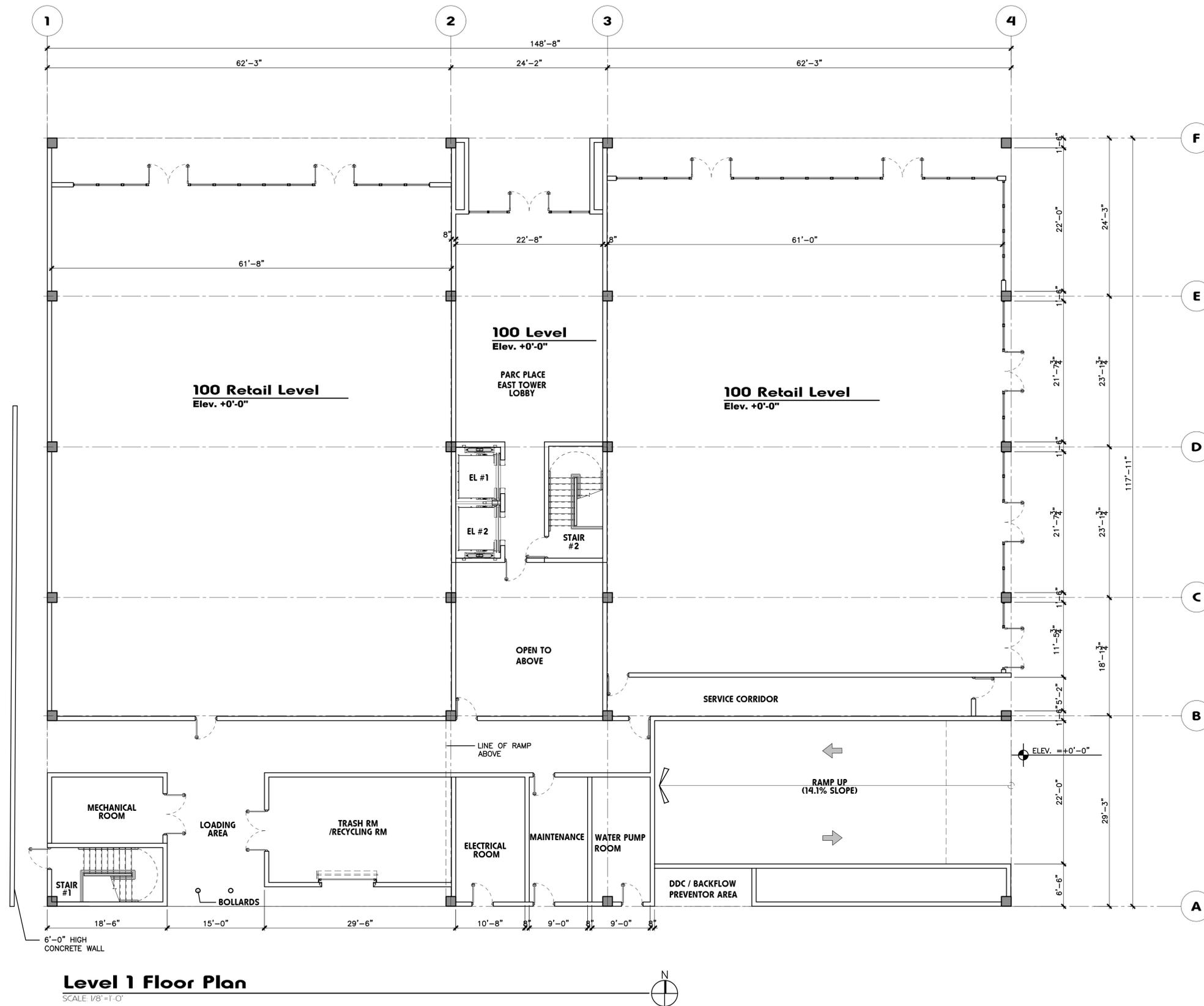
drawing data :

**PHASE 2
 EAST GARAGE
 SITE PLAN**

project number : #15197
 drawing scale : As Shown
 drawing date : 06/18/2018
 phase : Final TAC
 sheet number : **A2.01**

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seal :

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FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

drawing data :

**PHASE 2
EAST GARAGE
LEVEL 1**

project number : #19092

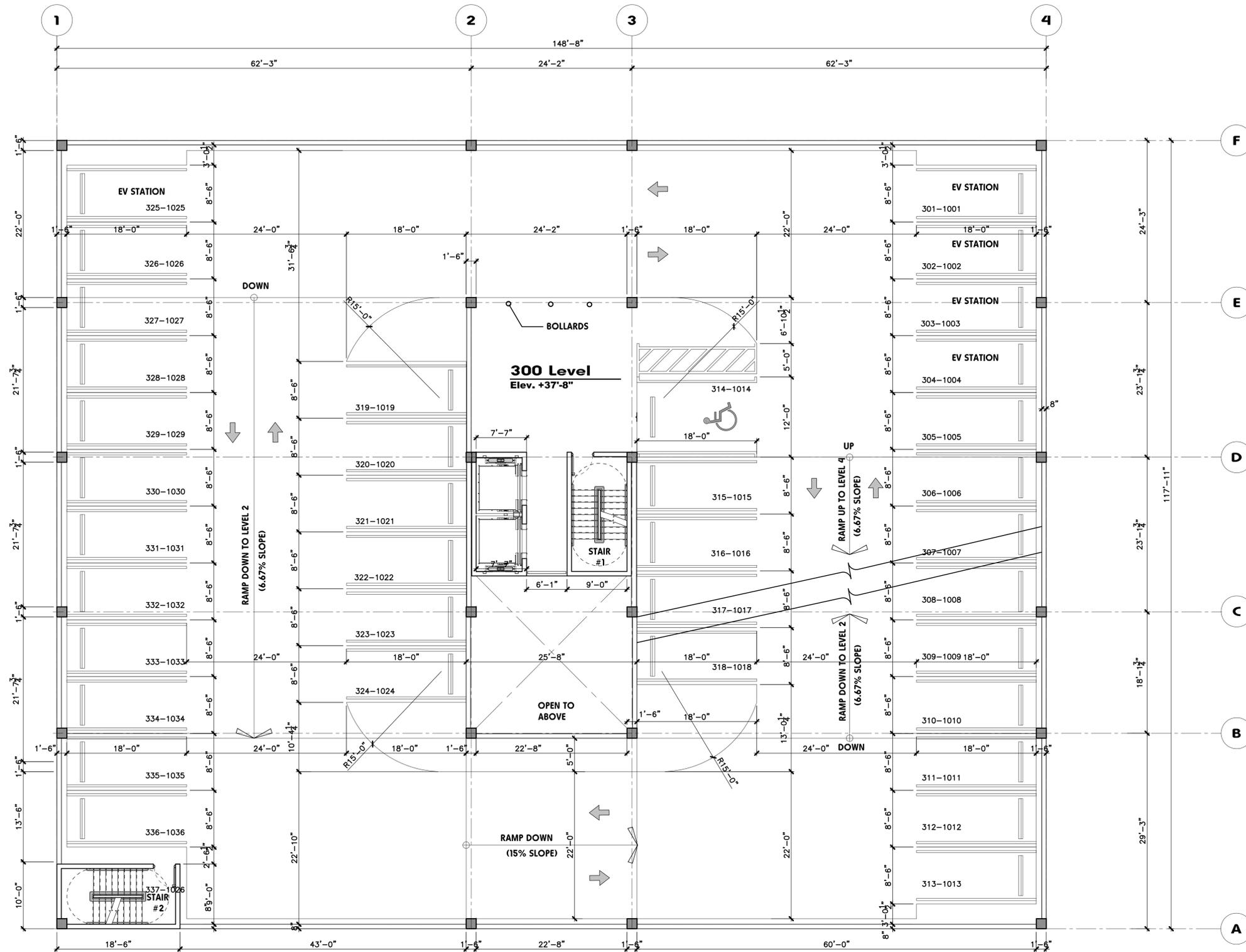
drawing scale : As Shown

drawing date : 07/31/2019

phase : Final TAC

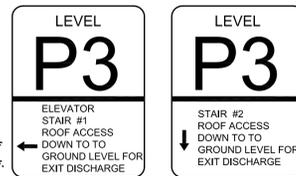
sheet number : **A2.02**

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Level 3 - 10 Floor Plan (P3 - P10 PARKING)

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



Typical Wayfinding Signage

SCALE: nts

East Parking Garage Breakdown by Floor				
Levels	Retail	Retail HC	EV	Total Provided
Level 1	0	0	0	0
Level 2	0	0	0	0
Level 3	31	1 (VAN)	4	36
Level 4	35	1	0	36
Level 5	35	1	0	36
Level 6	35	1	0	36
Level 7	35	1	0	36
Level 8	35	1	0	36
Level 9	35	1	0	36
Level 10	35	1	0	36
Level 11	42	0	0	42
Total	318 sp	8 sp	4 sp	330 sp

Required loading	
Off Street Loading Space Requirements - 10'w x 25'L x 14' Vertical Clearance	
Required:	Retail Space: less Than 10,000 sf, = none Retail Space = 9,945 s.f., = none
Provided:	none

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East Parking Garage
 1700-1716 Harrison Street
 Hollywood, Florida

seal:
 ROBERT K. MORISSETTE, AIA, NCARB, LEED AP BD+C, CDP
 FLORIDA REGISTERED ARCHITECT # AR 93259

revisions:

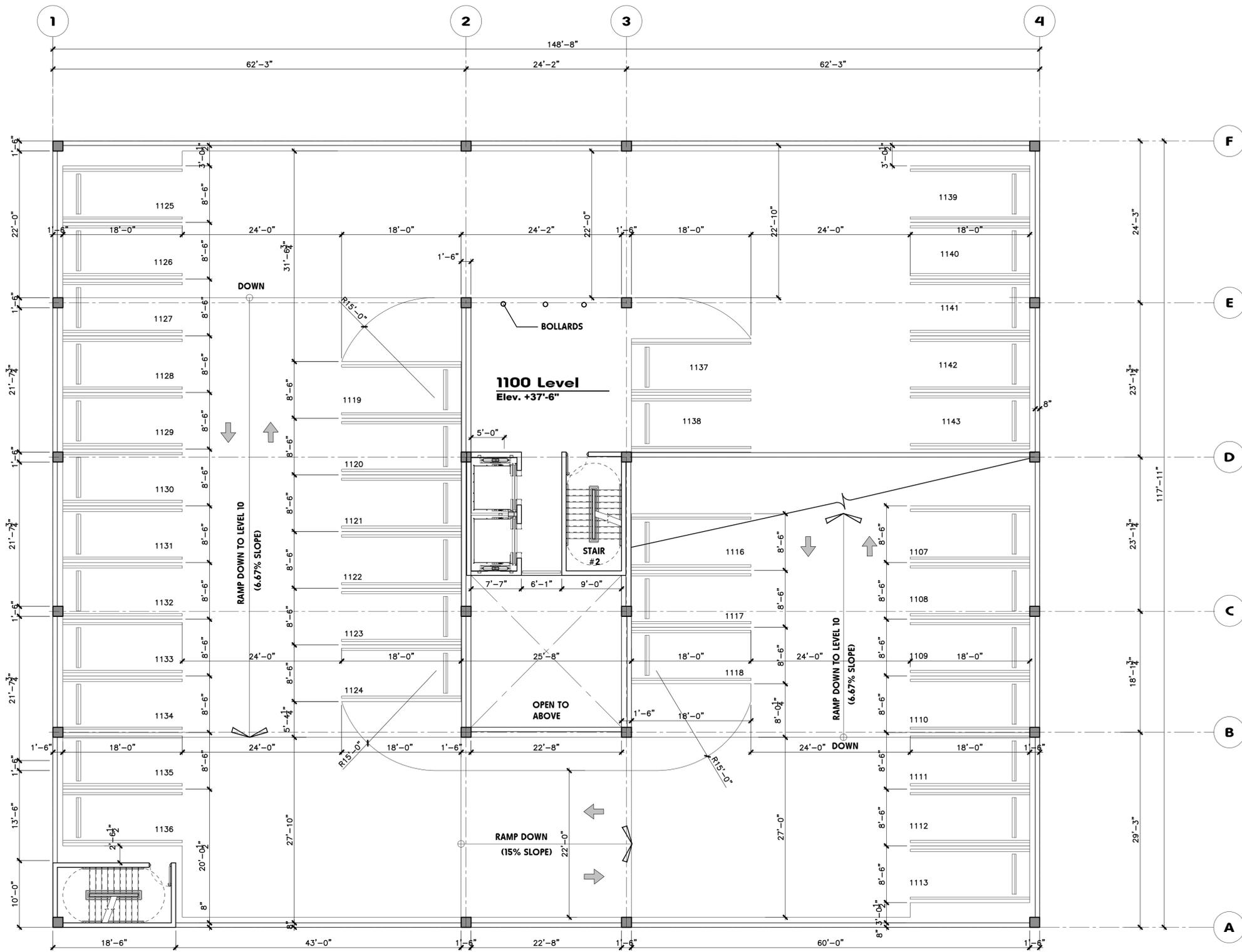
Rev 1	06/28/2018

drawing data:
PHASE 2
EAST GARAGE
LEVEL 3-10

project number: #15197
 drawing scale: As Shown
 drawing date: 06/18/2018
 phase: Final TAC
 sheet number: **A2.04**

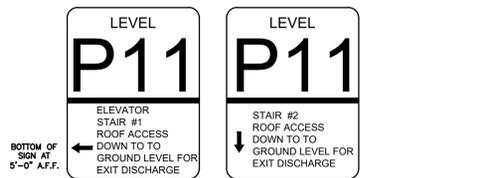
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Level 11 Floor Plan (P11 PARKING)

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



Typical Wayfinding Signage

SCALE: n.t.s.

East Parking Garage Breakdown by Floor					
Levels	Retail	Retail HC	EV	Total Provided	
Level 1	0	0	0	0	0
Level 2	0	0	0	0	0
Level 3	31	1 (VAN)	4	36	
Level 4	35	1	0	36	
Level 5	35	1	0	36	
Level 6	35	1	0	36	
Level 7	35	1	0	36	
Level 8	35	1	0	36	
Level 9	35	1	0	36	
Level 10	35	1	0	36	
Level 11	42	0	0	42	
Total	318 sp	8 sp	4 sp	330 sp	

Required loading	
Off Street Loading Space Requirements - 10'w x 25'L x 14' Vertical Clearance	
Required:	Retail Space: less Than 10,000 sf. = none
Provided:	Retail Space = 9,945 s.f. = none
	none

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Parc Place Phase 2 East Parking Garage

1700-1716 Harrison Street
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seal :

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FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

Rev 1	06/28/2018

drawing data :

PHASE 2 EAST GARAGE LEVEL 11

project number : #15197

drawing scale : As Shown

drawing date : 06/18/2018

phase : Final TAC

sheet number : **A2.05**

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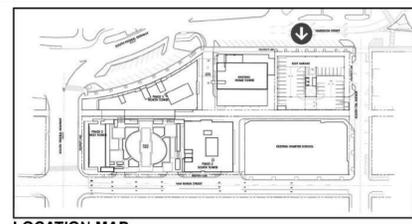
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- ELEV. = +124'-0"
T.O. PARAPET
- ELEV. = +111'-0"
T.O. SLAB - 11TH LEVEL
- ELEV. = +100'-6"
T.O. SLAB - 10TH LEVEL
- ELEV. = +90'-0"
T.O. SLAB - 9TH LEVEL
- ELEV. = +79'-6"
T.O. SLAB - 8TH LEVEL
- ELEV. = +69'-0"
T.O. SLAB - 7TH LEVEL
- ELEV. = +58'-6"
T.O. SLAB - 6TH LEVEL
- ELEV. = +48'-0"
T.O. SLAB - 5TH LEVEL
- ELEV. = +37'-6"
T.O. SLAB - 4TH LEVEL
- ELEV. = +27'-0"
T.O. SLAB - 3RD LEVEL
- ELEV. = +16'-6"
T.O. SLAB - 2ND LEVEL
- ELEV. = +0'-0"
T.O. SLAB - 1ST LEVEL



NORTH ELEVATION

NOTE:
ALL PROJECT SIGNAGE/ART DISPLAYS
WILL BE UNDER SEPARATE PERMIT
AND WILL MEET ZONING AND
LAND DEVELOPMENT REGULATIONS.



LOCATION MAP
N.T.S.

ELEVATION KEYNOTES:

- 1 Pure White SW 7005
SHERWIN-WILLIAMS
Smooth Float Finish Stucco
- 2 Perle Noir SW 9154
SHERWIN-WILLIAMS
Smooth Float Finish Stucco
- 3 Slab Travertine Wall Panels
3/8" Thick
- 4 Vutek Speaker Mesh
Breathable Art Banner Material
in alum. frame with esp finish
- 5 DECORATIVE LIGHT FIXTURE
- 6 MEDIUM GREY STOREFRONT GLASS WITH ALUM. MULLIONS WITH WHITE ESP FINISH
- 7 CONCRETE EYEBROW
- 8 STUCCO SCORE LINE
- 9 ALUMINUM LOUVER WITH ESP FINISH

project info :

**Parc Place
Phase 2
East Tower**
1700-1716 Harrison Street
Hollywood, Florida

revisions :

drawing data :

**PHASE 2
EAST GARAGE
NORTH
ELEVATION**

project number : #19092

drawing scale : As Shown

drawing date : 04/26/2018

phase : Final TAC

sheet number : **A2.06**

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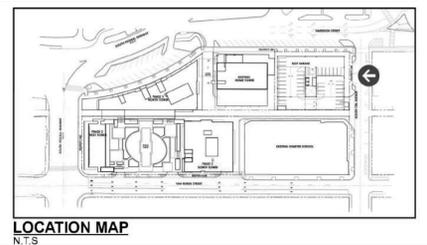
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- ELEV. = +124'-0"
T.O. PARAPET
- ELEV. = +111'-0"
T.O. SLAB - 11TH LEVEL
- ELEV. = +100'-6"
T.O. SLAB - 10TH LEVEL
- ELEV. = +90'-0"
T.O. SLAB - 9TH LEVEL
- ELEV. = +79'-6"
T.O. SLAB - 8TH LEVEL
- ELEV. = +69'-0"
T.O. SLAB - 7TH LEVEL
- ELEV. = +58'-6"
T.O. SLAB - 6TH LEVEL
- ELEV. = +48'-0"
T.O. SLAB - 5TH LEVEL
- ELEV. = +37'-6"
T.O. SLAB - 4TH LEVEL
- ELEV. = +27'-0"
T.O. SLAB - 3RD LEVEL
- ELEV. = +16'-6"
T.O. SLAB - 2ND LEVEL
- ELEV. = +0'-0"
T.O. SLAB - 1ST LEVEL



EAST ELEVATION

NOTE:
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AND WILL MEET ZONING AND
LAND DEVELOPMENT REGULATIONS.



ELEVATION KEYNOTES:

- 1 Pure White SW 7005
SHERWIN-WILLIAMS
Smooth Float Finish Stucco
- 2 Agreeable Gray SW 7029
SHERWIN-WILLIAMS
Smooth Float Finish Stucco
- 3 Perle Noir SW 9154
SHERWIN-WILLIAMS
Smooth Float Finish Stucco
- 4 Slab Travertine Wall Panels
3/25" Thick
- 5 Vutek Speaker Mesh
Breathable Art Banner Material
1" aluminum frame with esp finish
- 6 DECORATIVE LIGHT FIXTURE
- 7 MEDIUM GREY STOREFRONT GLASS WITH ALUM. MULLIONS WITH WHITE ESP FINISH
- 8 CONCRETE EYEBROW
- 9 STUCCO SCORE LINE
- 10 ALUMINUM LOUVER WITH ESP FINISH
- 11 French Roast SW 6069
SHERWIN-WILLIAMS
Smooth Float Finish Stucco

project info :

Parc Place Phase 2 EAST GARAGE
1700-1716 Harrison Street
Hollywood, Florida

revisions :

drawing data :

PHASE 2 EAST GARAGE EAST ELEVATION

project number : #19092
drawing scale : As Shown
drawing date : 04/26/2018
phase : Final TAC
sheet number : **A2.08**

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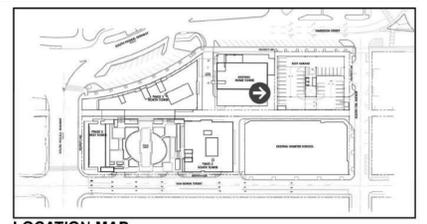
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- ELEV. = +124'-0"
T.O. PARAPET
- ELEV. = +111'-0"
T.O. SLAB - 11TH LEVEL
- ELEV. = +100'-6"
T.O. SLAB - 10TH LEVEL
- ELEV. = +90'-0"
T.O. SLAB - 9TH LEVEL
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T.O. SLAB - 8TH LEVEL
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T.O. SLAB - 6TH LEVEL
- ELEV. = +48'-0"
T.O. SLAB - 5TH LEVEL
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- ELEV. = +27'-0"
T.O. SLAB - 3RD LEVEL
- ELEV. = +16'-6"
T.O. SLAB - 2ND LEVEL
- ELEV. = +0'-0"
T.O. SLAB - 1ST LEVEL



WEST ELEVATION

NOTE:
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LOCATION MAP
N.T.S.

ELEVATION KEYNOTES:

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Smooth Float Finish Stucco
- 2 Agreeable Gray SW 7029
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SHERWIN-WILLIAMS
Smooth Float Finish Stucco
- 4 CONCRETE EYEBROW
- 5 STUCCO SCORE LINE
- 6 Slab Travertine Wall Panels
3/25" Thick
- 7 ALUMINUM LOUVER WITH ESP FINISH

project info :

**Parc Place
Phase 2
EAST GARAGE**
1700-1716 Harrison Street
Hollywood, Florida

seal :

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FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

drawing data :

**PHASE 2
EAST GARAGE
WEST
ELEVATION**

project number : #19092

drawing scale : As Shown

drawing date : 04/26/2018

phase : Final TAC

sheet number : **A2.09**

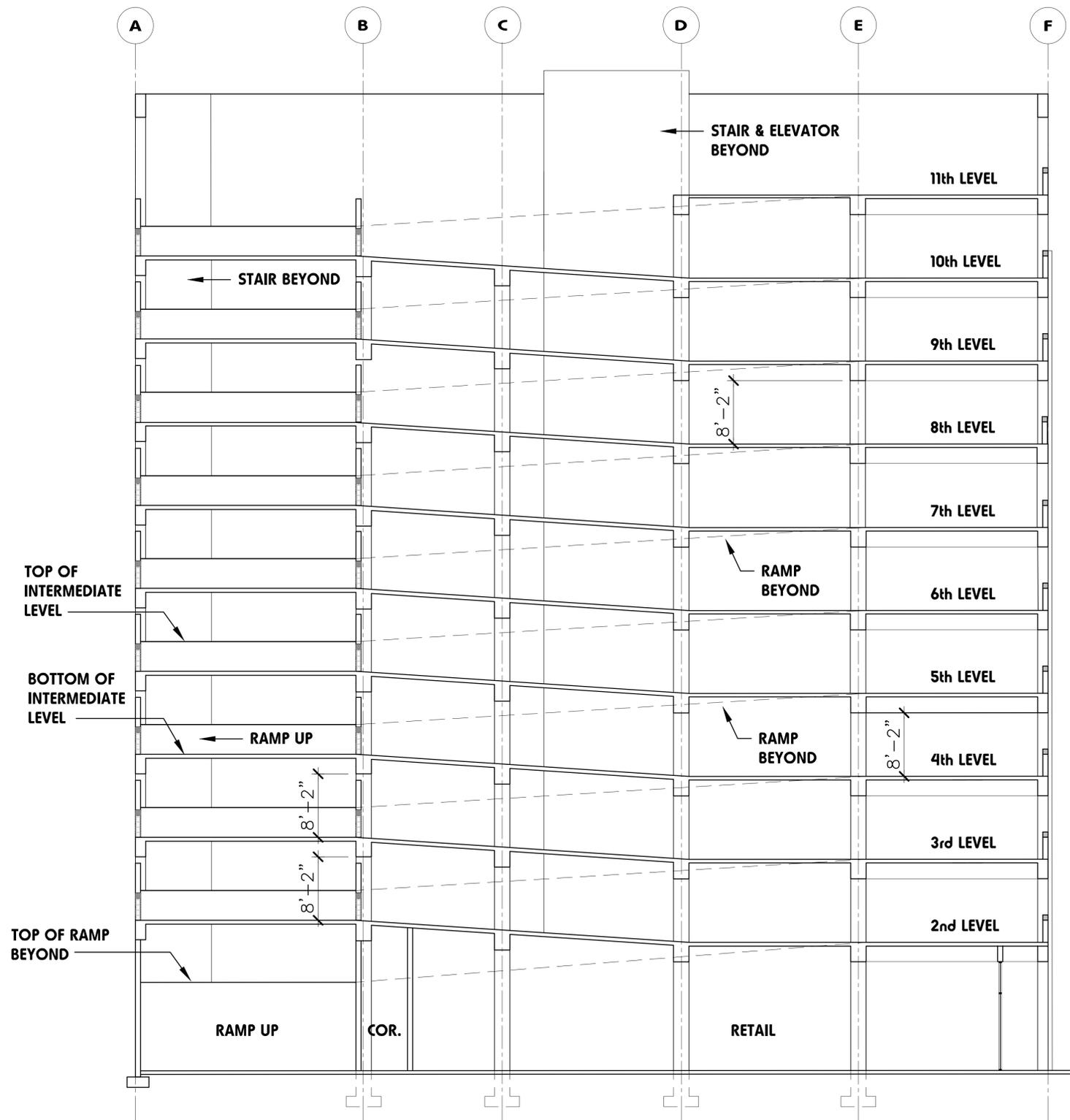
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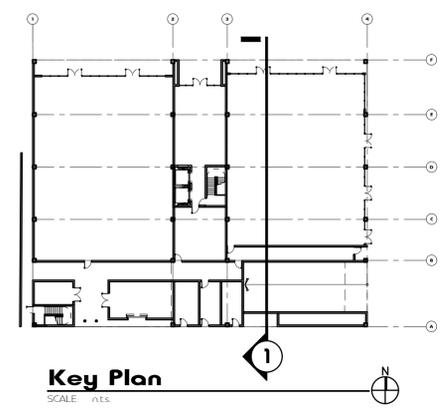
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ELEV. = + 125'-6"	T.O. PARAPET	13'-0"
ELEV. = + 112'-6"	T.O. SLAB - 11TH LEVEL	10'-8"
ELEV. = + 101'-10"	T.O. SLAB - 10TH LEVEL	10'-8"
ELEV. = + 91'-2"	T.O. SLAB - 9TH LEVEL	10'-8"
ELEV. = + 80'-7"	T.O. SLAB - 8TH LEVEL	10'-8"
ELEV. = + 69'-10"	T.O. SLAB - 7TH LEVEL	10'-8"
ELEV. = + 59'-2"	T.O. SLAB - 6TH LEVEL	10'-8"
ELEV. = + 48'-6"	T.O. SLAB - 5TH LEVEL	10'-8"
ELEV. = + 37'-10"	T.O. SLAB - 4TH LEVEL	10'-8"
ELEV. = + 27'-2"	T.O. SLAB - 3RD LEVEL	10'-8"
ELEV. = + 16'-6"	T.O. SLAB - 2ND LEVEL	16'-6"
ELEV. = + 0'-0"	T.O. SLAB - 1ST LEVEL	

1 Cross Section Thru Garage
SCALE: 1/8" = 1'-0"



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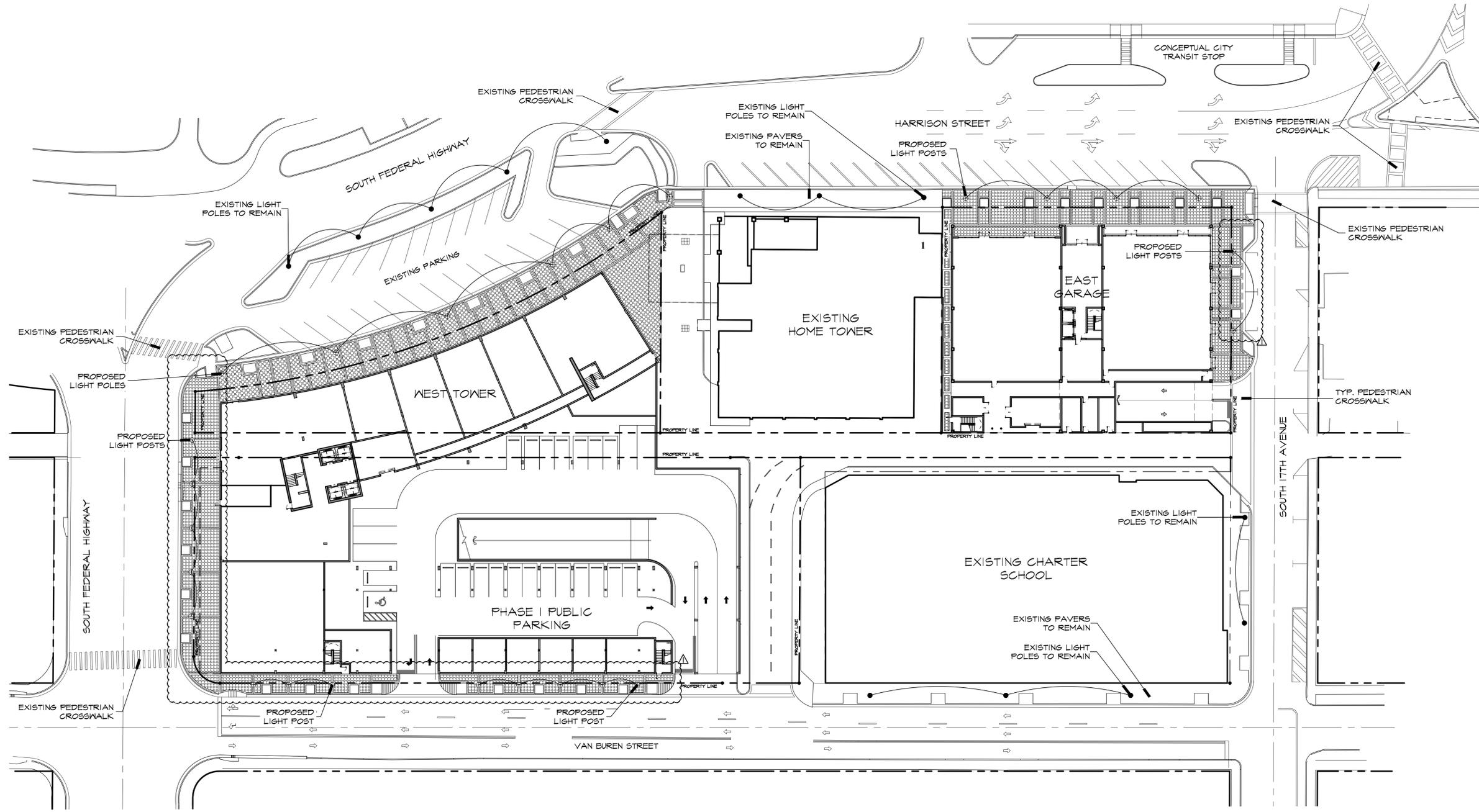
revisions :

Rev 1	06/28/2018

drawing data :
PHASE 2
EAST GARAGE
CROSS SECTION

project number :	#15197
drawing scale :	As Shown
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phase :	Final TAC
sheet number :	A2.11

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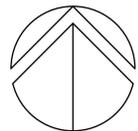


PARC PLACE
HOLLYWOOD, FLORIDA
OVERALL HARDSCAPE PLAN

REVISIONS:	DATE	COMMENTS
04/12/19		CITY COMMENTS

07-31-2019
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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SCALE: 1" = 30'-0"

SHEET

LH-00

**PARC PLACE
HOLLYWOOD, FLORIDA**
PHASE 2-EAST GARAGE GROUND FLOOR HARDSCAPE & LIGHTING PLAN

REVISIONS:

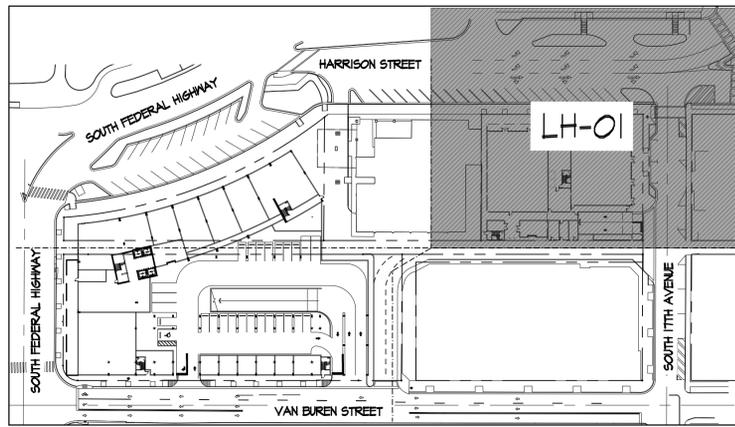
09/12/19	CITY COMMENTS

07-31-2019
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

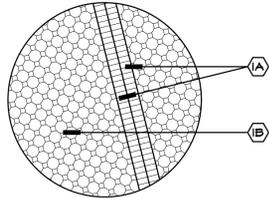
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SHEET

LH-01



LOCATION MAP
N.T.S.



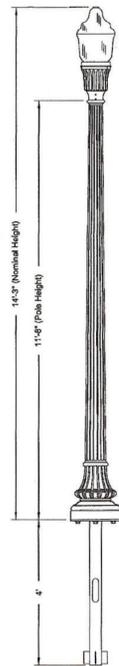
① SIDEWALKS
N.T.S. (SAND SET PAVERS)

- (A) BORDER: 4" X 8" PAVER SINGLE 8" ROWLOCK
COLOR: MATCH CITY OF HOLLYWOOD STREETSCAPE.
- (B) FIELD: UNI-DECOR PAVER
COLOR: MATCH CITY OF HOLLYWOOD STREETSCAPE.

NOTE: ALL PAVER 2 3/8" THICKNESS ON COMPACTED SAND BED. USE PERMEABLE PAVERS IF AVAILABLE IN STANDARD CITY OF HOLLYWOOD PAVERS

LIGHTING MATERIAL SCHEDULE:

SYM	QTY	FIXTURE DESCRIPTION	DESCRIPTION
⊕	6	HOLOPHANE STREET LIGHT GVD2-F30-30K-AS-M-BK-3-N-N-U	STREET LIGHT
●	1	EXISTING STREET LIGHT TO REMAIN	



Specifications

DESCRIPTION:
The lighting post shall be all cast iron & steel, resolutely tapered with a deep fluted column on the shaft & base. The post will mount onto a direct burial base.

MATERIALS:
The FT3 shall shall be tapered and fluted steel with an integral steel fender and steel bottom cap. All enclosed hardware shall be tempco resistant stainless steel.

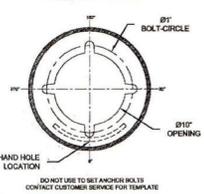
DIMENSIONS:
The post shall be 11'-0" in height with a 17" diameter base. The shaft shall taper from a 62" at the top of the base to 64.5" at the top. An integral base shall be provided at the top for luminaire mounting. The post top shall include a transitional dome between the fluted shaft and the luminaire.

INSTALLATION:
The post shall be provided with four jacking bolts. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

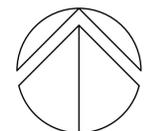
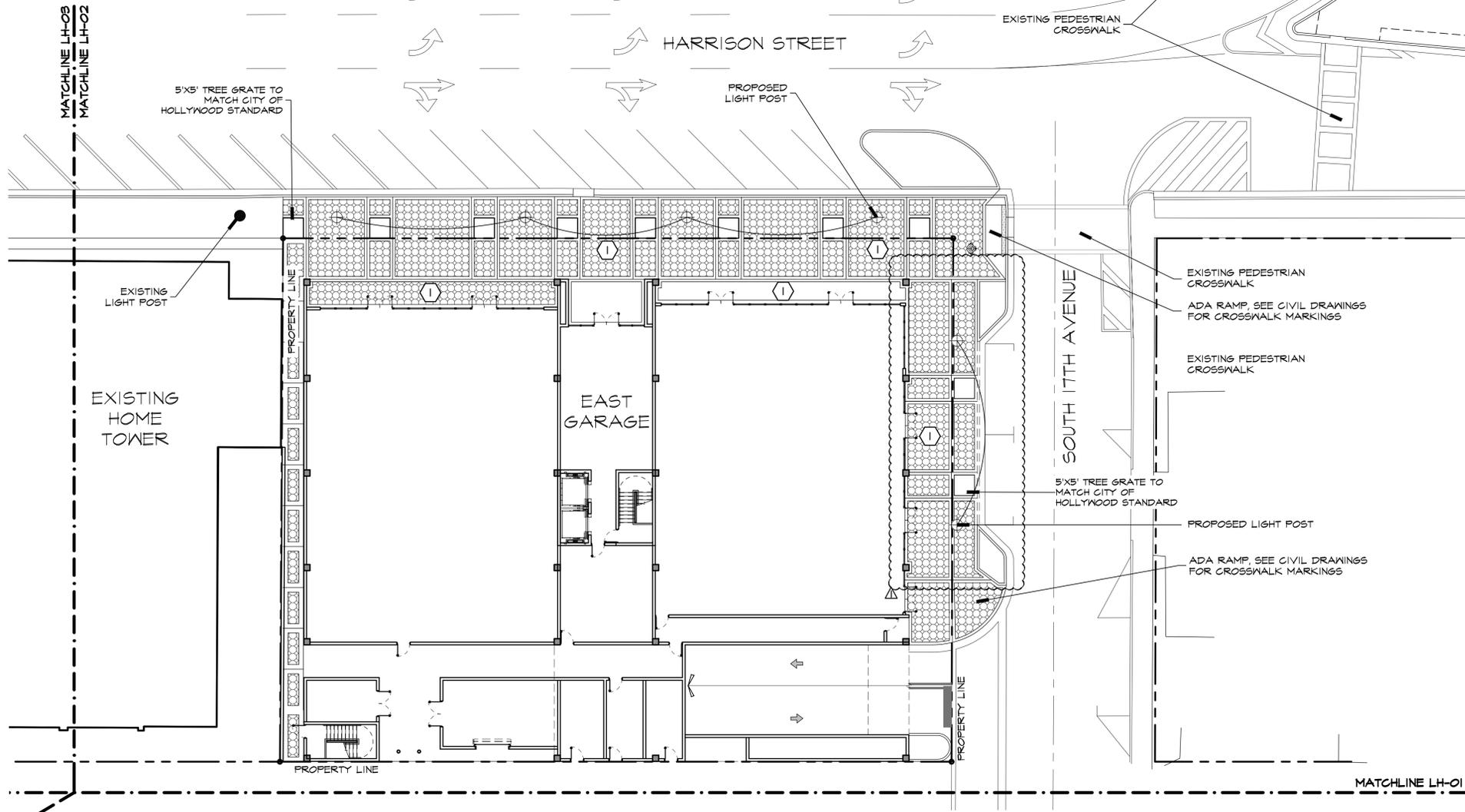
LUMINAIRE

- Luminaire: ELED 2
- LED Performance Package 30
- 80 CCT
- Auto-Sensing Voltage (208-277)
- Modern style housing, Swing Open Covering
- Black finish
- Asymmetric Type III optics
- No Trim, No Filter

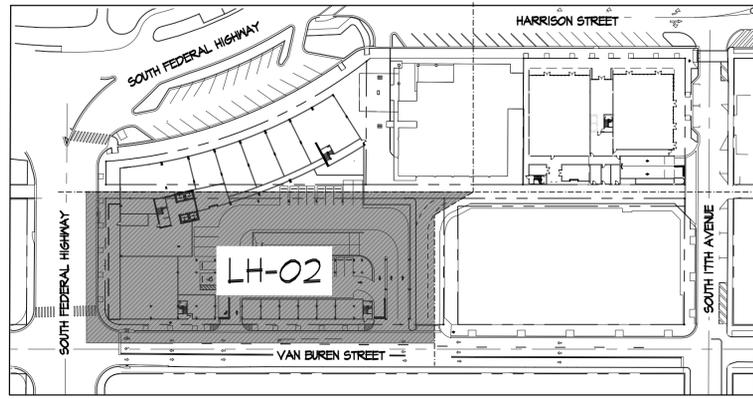
Anchorage Detail



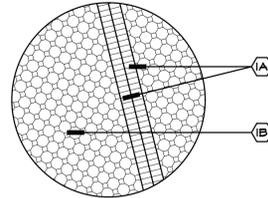
HOLOPHANE STREET LIGHT
SCALE: N.T.S.



SCALE: 1/16" = 1'-0"



LOCATION MAP
N.T.S.



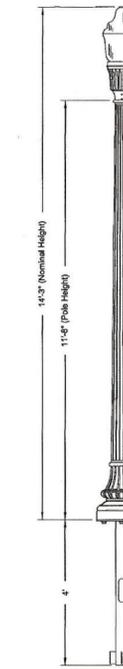
① **SIDEWALKS**
N.T.S. (SAND SET PAVERS)

①A **BORDER:** 4" X 8" PAVER SINGLE 8" ROWLOCK
COLOR: MATCH CITY OF HOLLYWOOD
STREETSCAPE.

①B **FIELD:** UNI-DECOR PAVER
COLOR: MATCH CITY OF HOLLYWOOD
STREETSCAPE.

NOTE: ALL PAVER 2 3/8" THICKNESS ON COMPACTED SAND BED.
USE PERMEABLE PAVERS IF AVAILABLE IN STANDARD CITY OF
HOLLYWOOD PAVERS

LIGHTING MATERIAL SCHEDULE:			
SYM	QTY	FIXTURE DESCRIPTION	DESCRIPTION
⊕	12	HOLOPHANE STREET LIGHT 6VD2-P30-5AK-AS-M-BK-S-N-N-U	STREET LIGHT
●	1	EXISTING STREET LIGHT TO REMAIN	



HOLOPHANE
LEADER IN LIGHTING SOLUTIONS
An **Acuity Brands Company**

HOLOPHANE STREET LIGHT
SCALE: N.T.S.

Specifications

DESCRIPTION:
The lighting post shall be all cast iron & steel, massively tapered with a chamfered pattern on the shaft & base. The post will mount also a direct burial base.

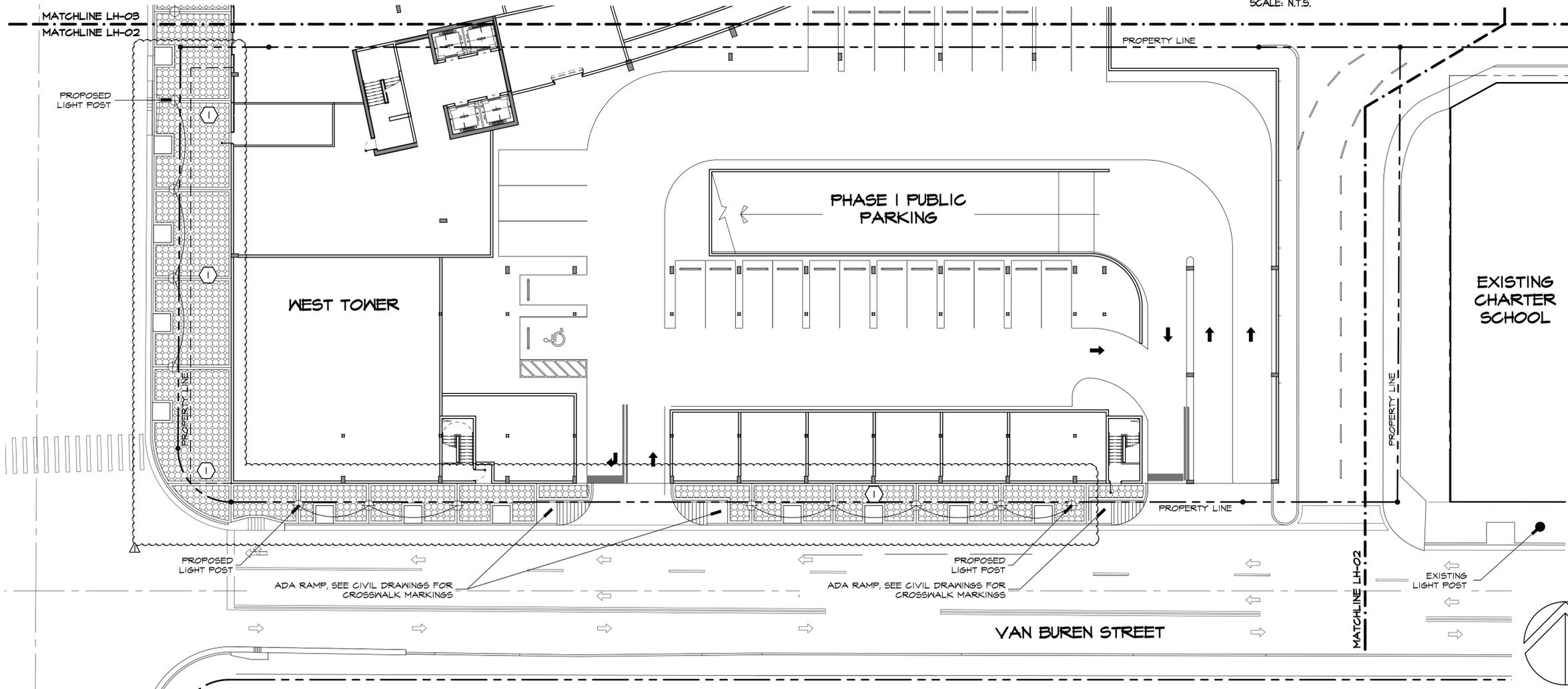
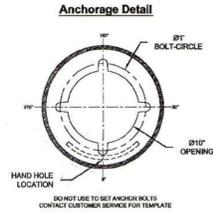
MATERIALS:
The FT's shaft shall be tapered end fluted steel with an integral steel lantern and steel bottom cap. All end/rod hardware shall be tempco resistant stainless steel.

DIMENSIONS:
The post shall be 11'-0" in height with a 17" diameter base. The shaft shall taper from a 6.5" at the top of the base to 9.5" at the top. An integral lantern shall be provided at the top for luminaire mounting. The post top shall include a transitional detail between the fluted shaft and the lantern.

INSTALLATION:
The post shall be provided with four jacking bolts. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

LUMINAIRE:

- Granville II LED 2
- LED Performance Package 30
- 5K CCT
- Auto-Sensing Voltage (20-277)
- Modern Style housing, Swing Open Design
- Black Finish
- Asymmetric Type III optics
- No Trim, No Fetal



REVISIONS:

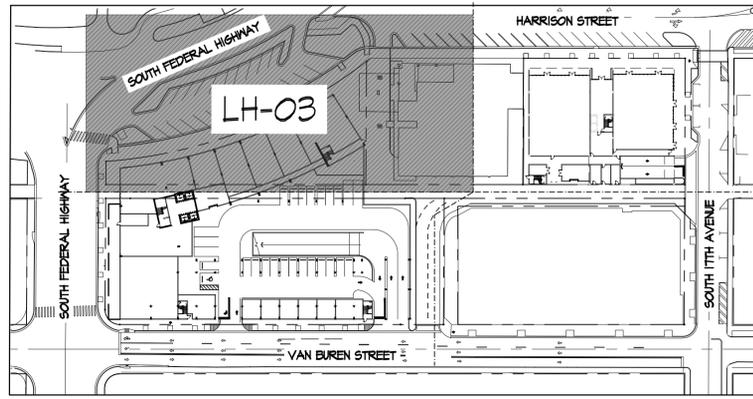
09/12/19	CITY COMMENTS

07-31-2019
DATE

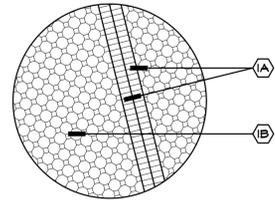
J.R./S.O.Q.
DRAWN BY:

M.J.
APPROVED BY:

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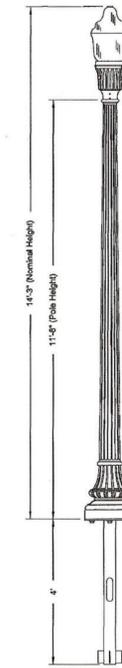
LOCATION MAP
N.T.S.



- ① **SIDEWALKS**
N.T.S. (SAND SET PAVERS)
- (A) BORDER: 4" X 8" PAVER SINGLE 8" ROWLOCK
COLOR: MATCH CITY OF HOLLYWOOD STREETSCAPE.
- (B) FIELD: UNI-DECOR PAVER
COLOR: MATCH CITY OF HOLLYWOOD STREETSCAPE.

NOTE: ALL PAVER 2 3/8" THICKNESS ON COMPACTED SAND BED.
USE PERMEABLE PAVERS IF AVAILABLE IN STANDARD CITY OF HOLLYWOOD PAVERS

LIGHTING MATERIAL SCHEDULE:			
SYM	QTY	FIXTURE DESCRIPTION	DESCRIPTION
⊕	6	HOLOPHANE STREET LIGHT GVD2-P30-5AK-AS-M-BK-3-N-N-U	STREET LIGHT
●	7	EXISTING STREET LIGHT TO REMAIN	



Specifications

DESCRIPTION
The lighting post shall be all cast iron & steel, manually tapered with a single fluted pattern on the shaft & base. The post will mount onto a direct burial base.

MATERIALS
The F15 shall be tapered and fluted steel with an integral steel toner and steel bottom cap. All enclosed hardware shall be longer than the standard steel.

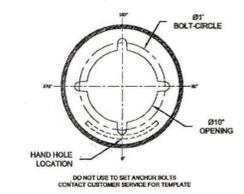
DIMENSIONS
The post shall be 11'-4" in height with a 17" diameter base. The shaft shall taper from a 67" at the top of the base to 64.7" at the top. An integral toner shall be provided at the top for luminaire mounting. The post top shall include a transitional donut between the fluted shaft and the toner.

INSTALLATION
The post shall be provided with four jacking bolts. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

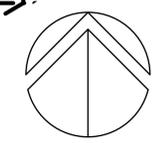
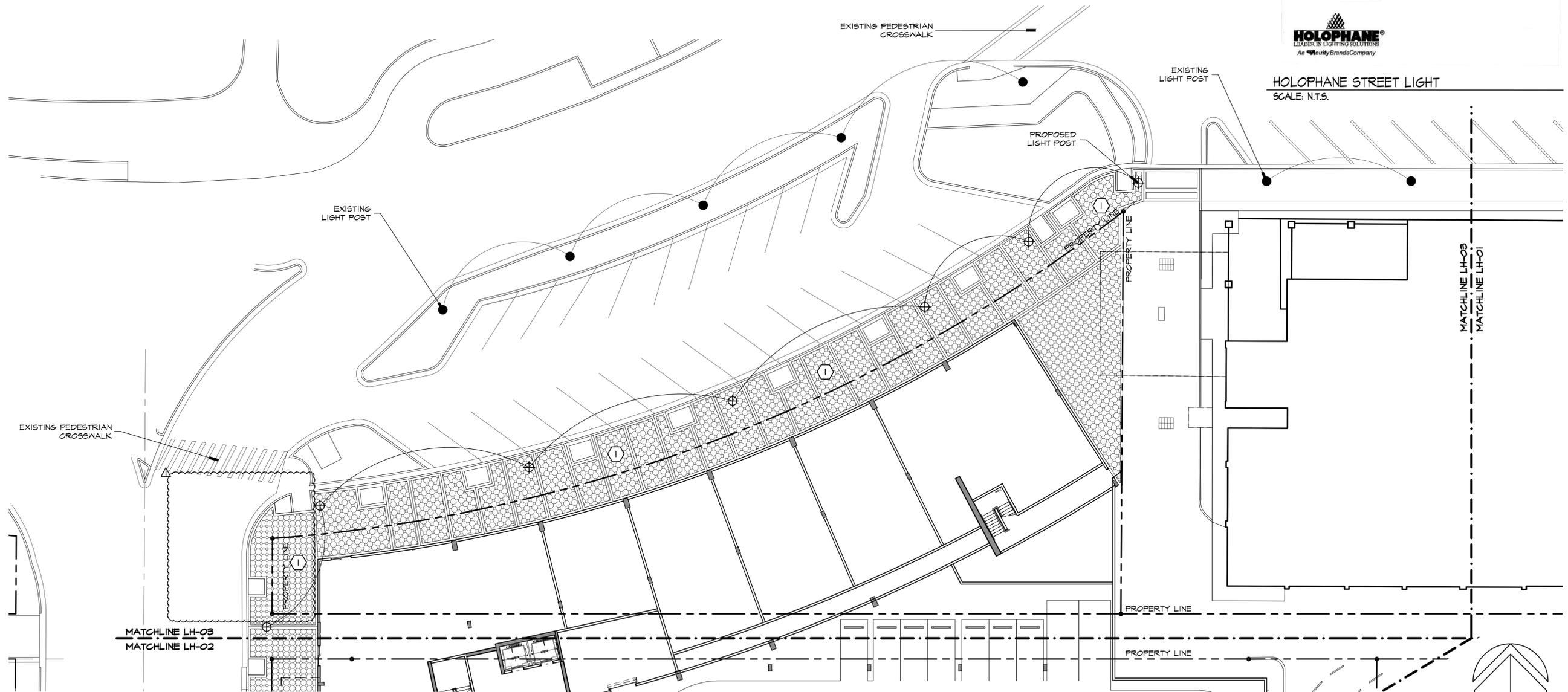
LUMINAIRE

- Clearable LED 2
- LED Performance Package 30
- 0K CCT
- Auto-Sensing Voltage (120-277)
- Modern Style housing, Swing Open Design
- Black finish
- Asymmetric Type III optics
- No Trim, No Flare

Anchorage Detail



HOLOPHANE STREET LIGHT
SCALE: N.T.S.



SCALE: 1/16" = 1'-0"



landscape architects
and planners

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Boca Raton, Florida 33431
Ph. 561.955.8623
Fax: 561.362.4749
email: landscapearchitects@dsboca.com

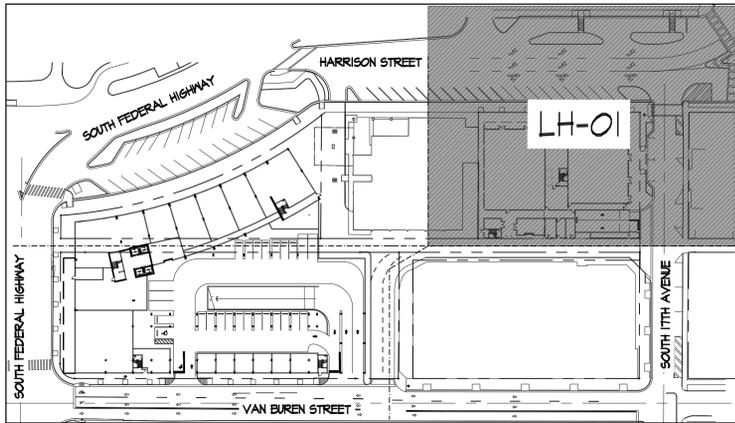
PARC PLACE
HOLLYWOOD, FLORIDA
PHASE 1-WEST TOWER GROUND FLOOR HARDSCAPE & LIGHTING PLAN

REVISIONS:

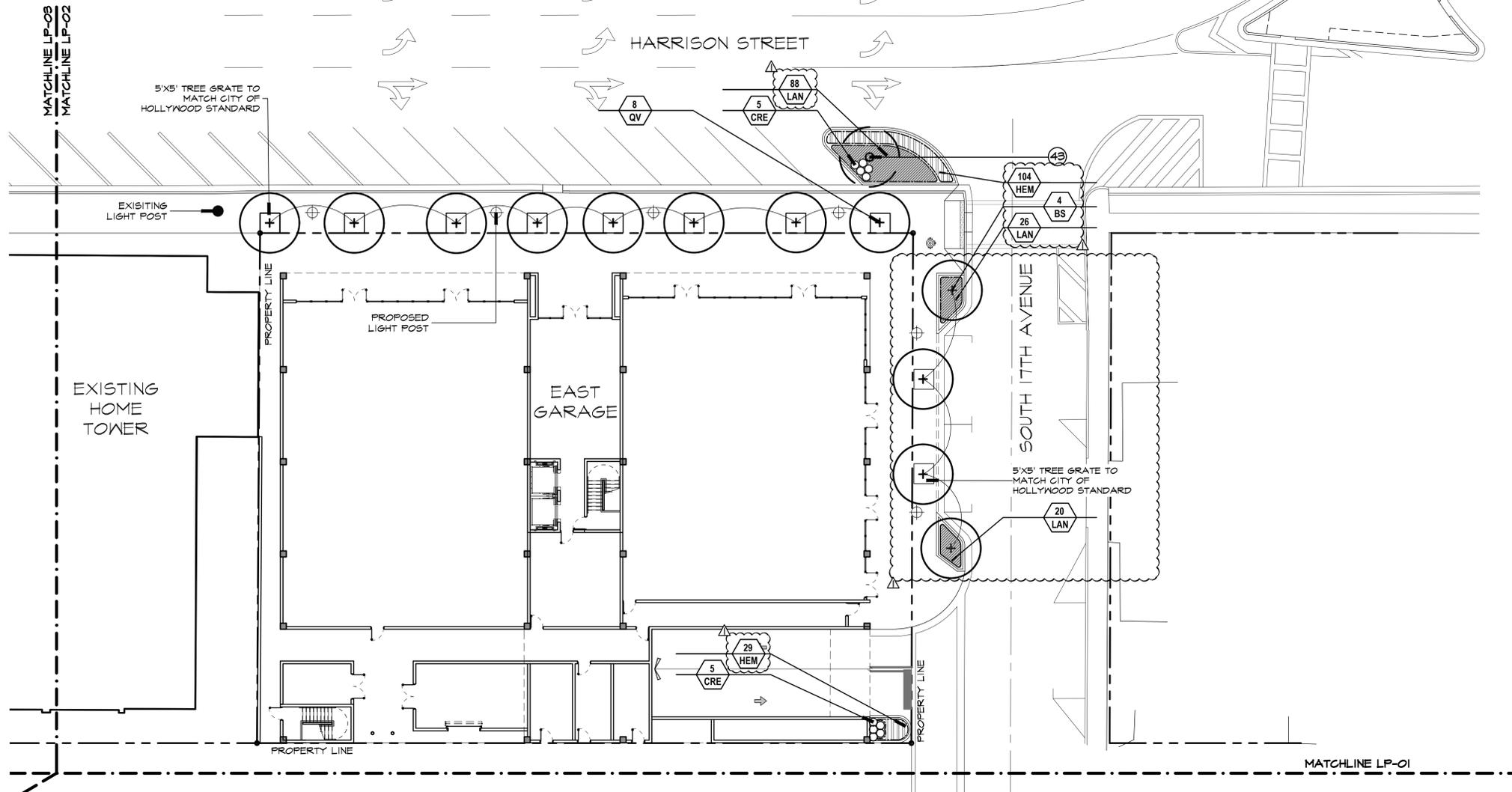
04/12/19	CITY COMMENTS

07-31-2019
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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LOCATION MAP
N.T.S.



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email: landscaperchitects@dsboca.com

PARC PLACE
HOLLYWOOD, FLORIDA
PHASE 2-EAST GARAGE GROUND FLOOR PLANTING PLAN

REVISIONS:

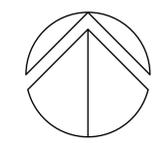
09/12/19	CITY COMMENTS

07-31-2019
DATE

J.R./S.O.Q.
DRAWN BY:

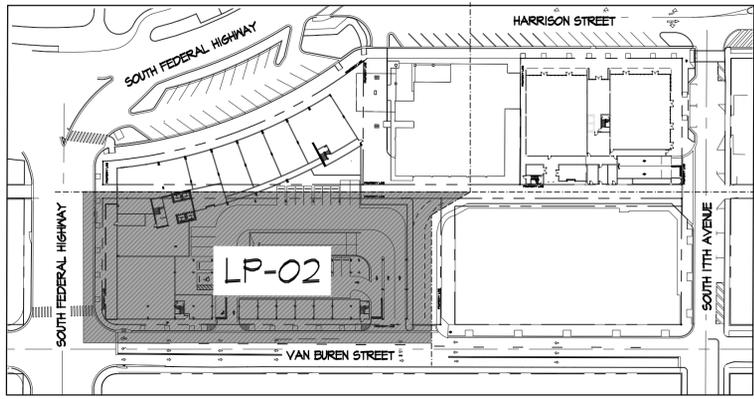
M.J.
APPROVED BY:

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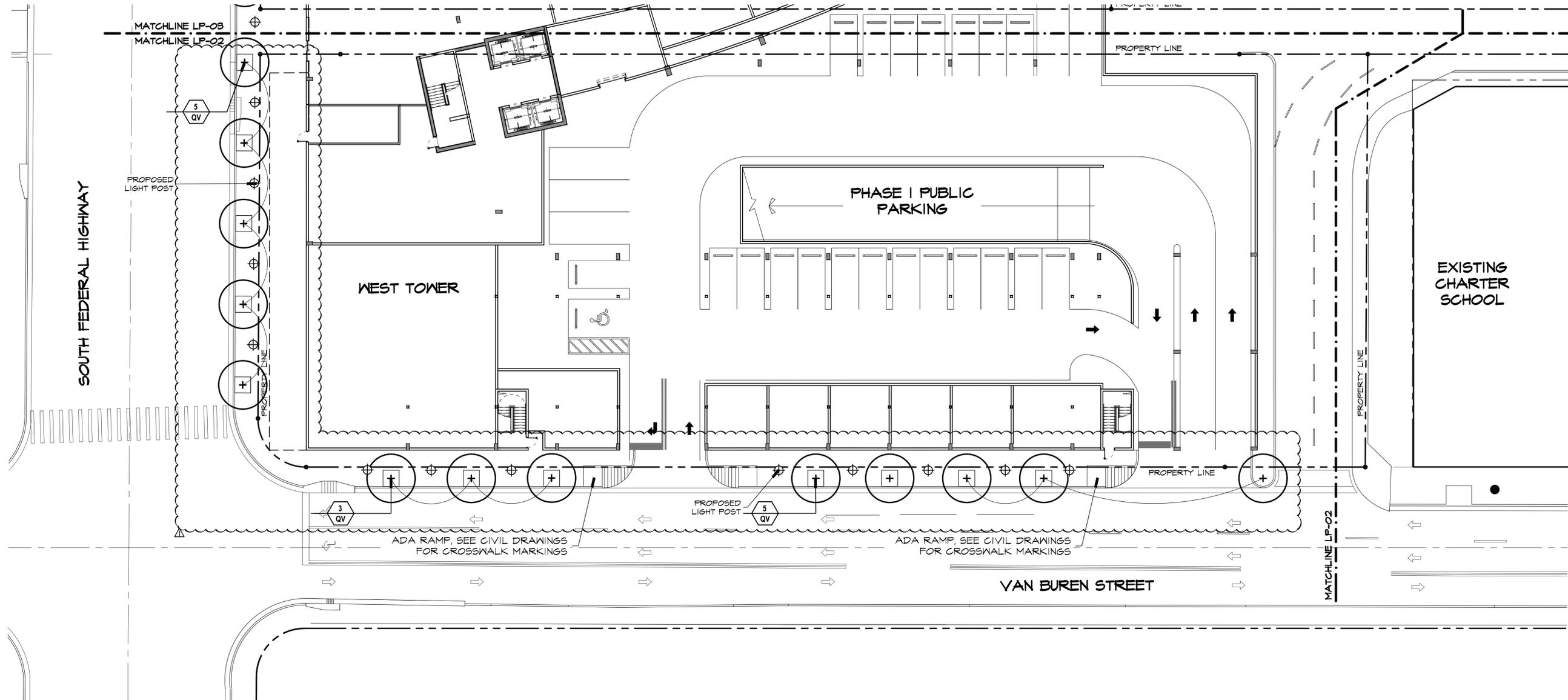


SCALE: 1/16" = 1'-0"

SHEET
LP-01



LOCATION MAP
N.T.S.



SCALE: 1/16" = 1'-0"



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PARC PLACE
HOLLYWOOD, FLORIDA
PHASE I-WEST TOWER FLOOR PLANTING PLAN

REVISIONS:	DATE	COMMENTS
04/12/19		CITY COMMENTS

07-31-2019
DATE

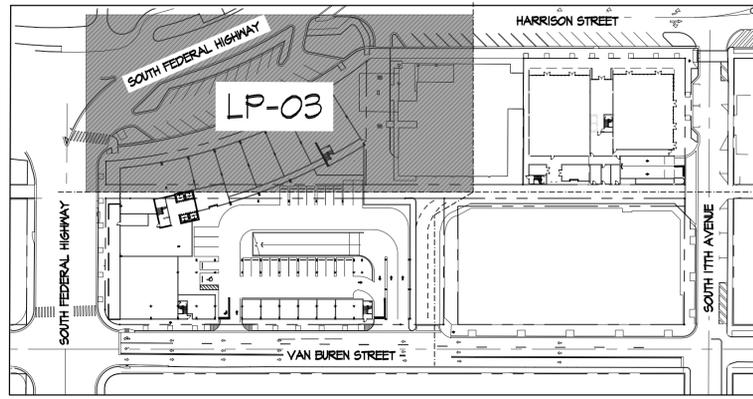
J.R./S.O.Q.
DRAWN BY:

M.J.
APPROVED BY:

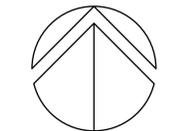
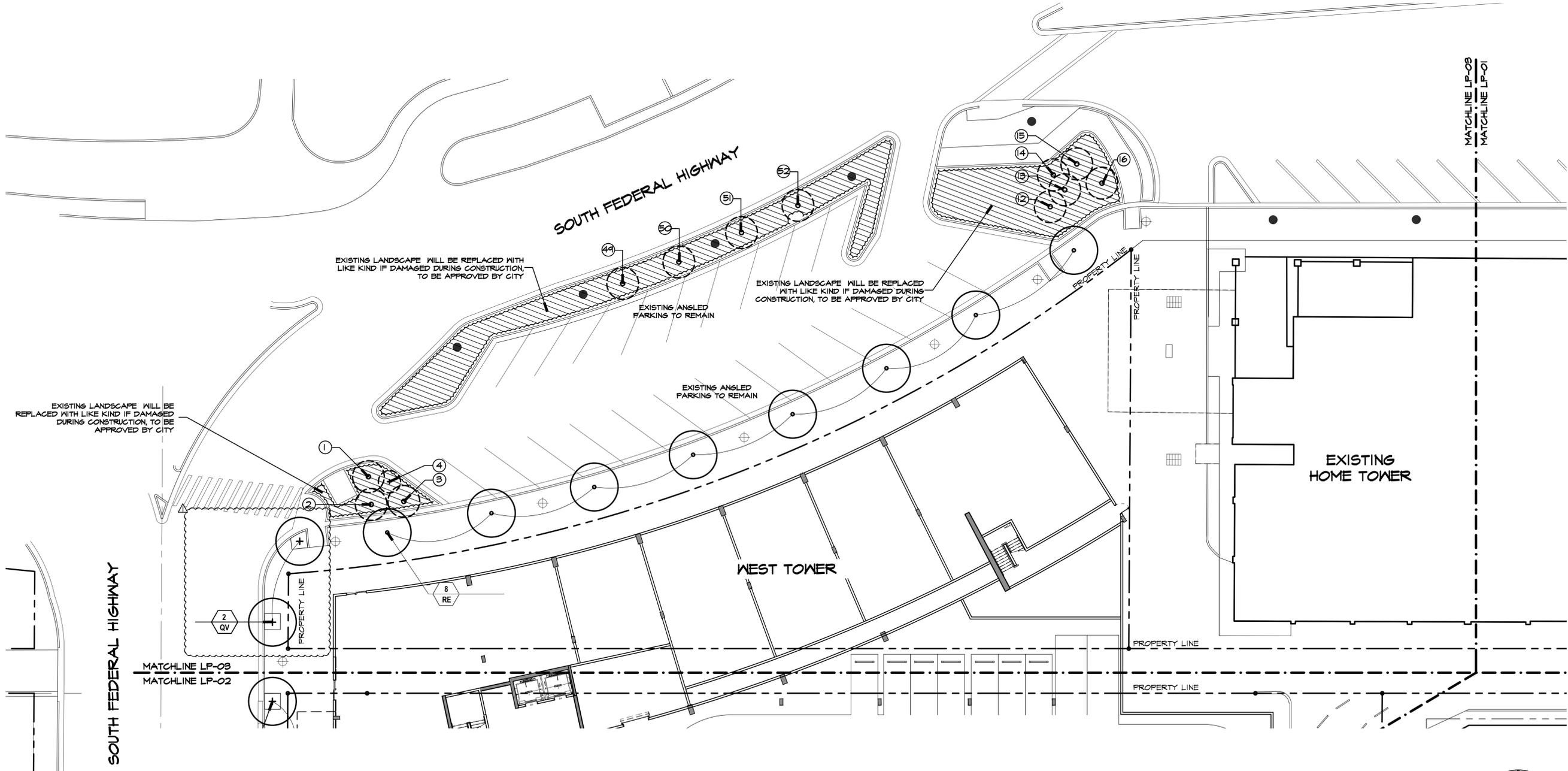
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SHEET

LP-02



LOCATION MAP
N.T.S.



SCALE: 1/16" = 1'-0"



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PARC PLACE
HOLLYWOOD, FLORIDA
PHASE 1-WEST TOWER GROUND FLOOR PLANTING PLAN

REVISIONS:
09/12/19 CITY COMMENTS

07-31-2019
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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SHEET

LP-03

PARC PLACE
HOLLYWOOD, FLORIDA
PHASE 1-WEST TOWER 8TH FLOOR PLANTING PLAN

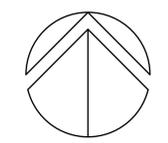
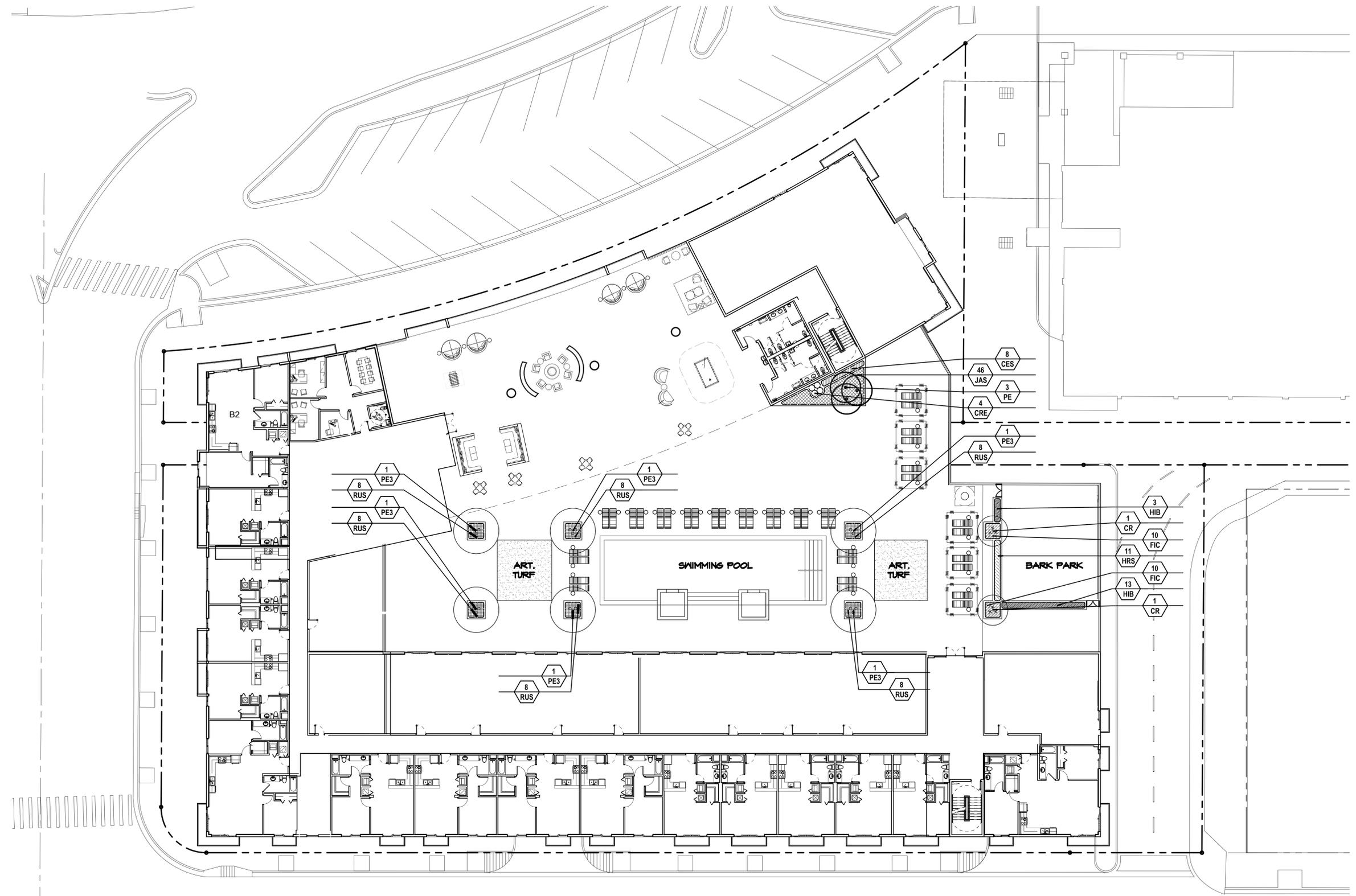
REVISIONS:

07/12/19	CITY COMMENTS

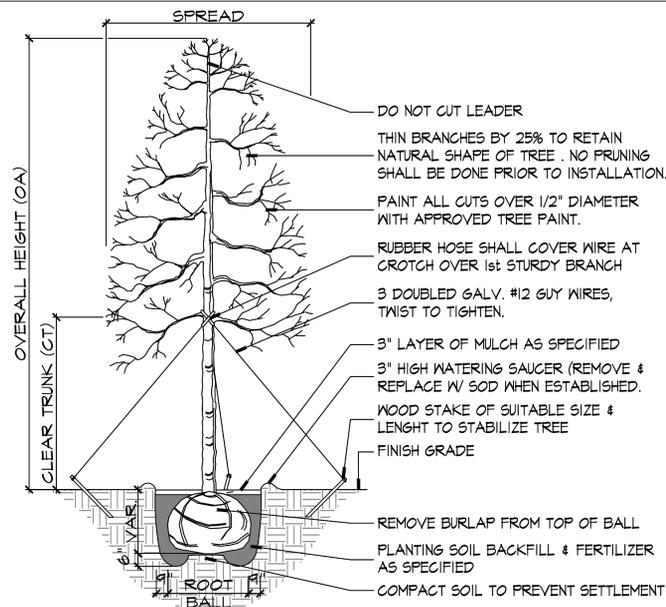
07-31-2019
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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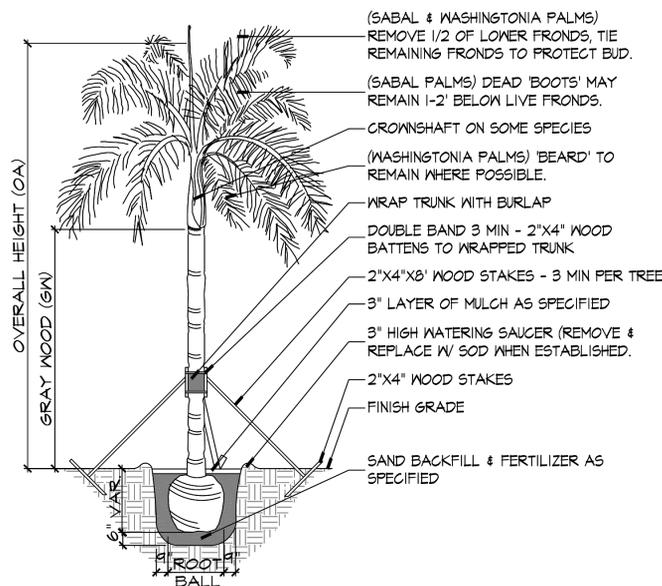
SHEET
LP-04



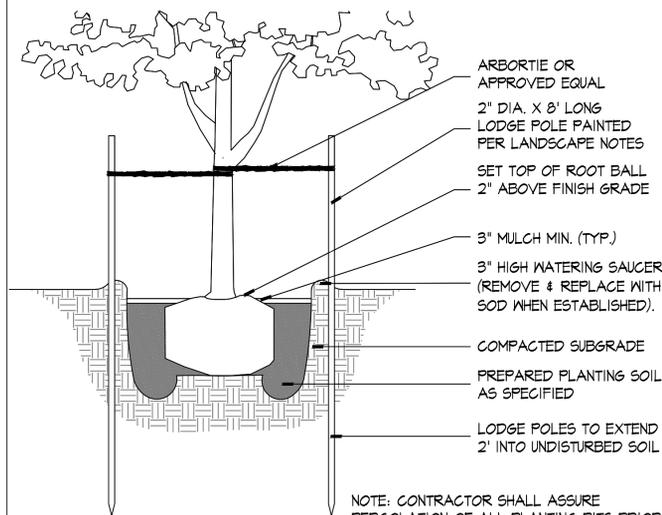
SCALE: 1/16" = 1'-0"



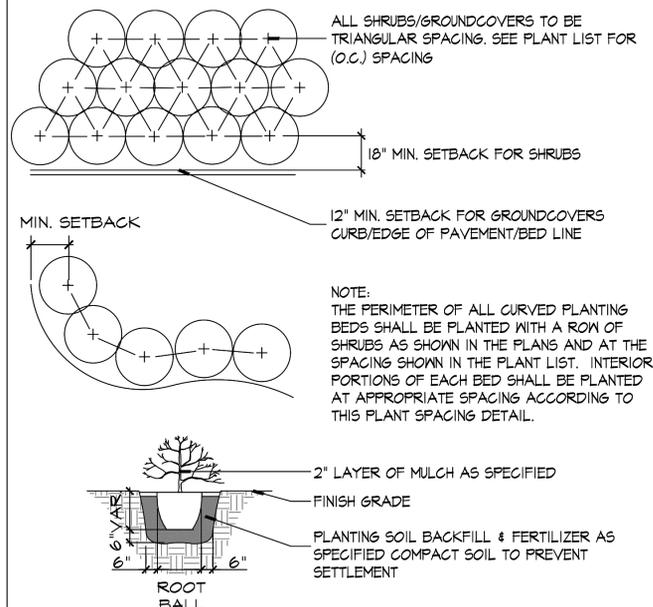
TYPICAL TREE PLANTING DETAIL



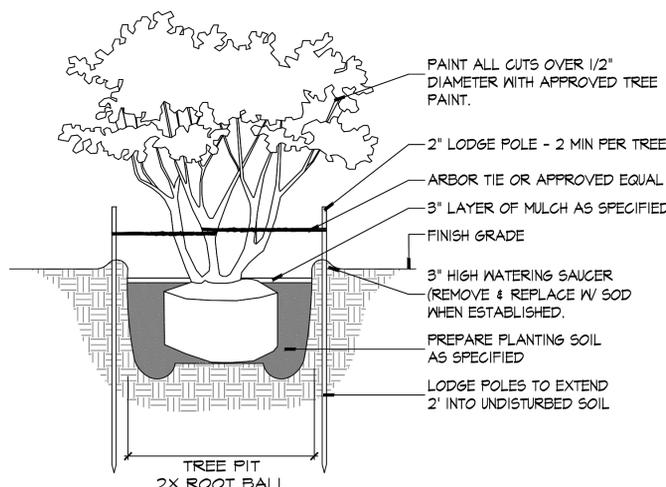
TYPICAL PALM PLANTING DETAIL



SMALL TREE PLANTING DETAIL



TYPICAL SHRUB PLANTING DETAIL



MULTI TRUNK TREE PLANTING DETAIL

GROUND LEVEL PLANT LIST											
TREES AND PALMS											
KEY	QTY. TOTAL	LP-1	LP-2	LP-3	LP-4	BOTANICAL/COMMON NAME	HEIGHT	SPREAD	CLEAR TRK.	SPA.	REMARKS
BS	4	4	-	-	-	Bursera simaruba Gumbo Limbo	16-18'	8-9'	6-7'		Full canopy 4" DBH
QV ^A	21	8	13	-	-	Quercus virginiana 'High Rise' Live Oak	16-18'	8-9'	6-7'		Full canopy Full Heads
RE ^A	8	-	-	8	-	Roystonea elata Florida Royal Palm	20' G.W.				Matched O.A. Hts.
CR ^A	2	-	-	-	2	Clusia rosea Pitch Apple	12-14'	8-10'	5-6'		Full Canopy
PE	3	-	-	-	3	Pychosperma elegans Alexander Palm	16-18' O.A.				Single Trunk Full head
PE3	6	-	-	-	6	Pychosperma elegans Alexander Palm	16-18' O.A.				Triple Trunks Full head
SHRUBS AND GROUNDCOVERS											
KEY	QTY. TOTAL	LP-1	LP-2	LP-3		BOTANICAL/COMMON NAME	HEIGHT	SPREAD	CLEAR TRK.	SPA.	REMARKS
CES	8	-	-	-	8	Conocarpus erectus 'Sericeus' Silver Buttonwood	2'	20-22"		2' o.c.	Full cont.
CRE	14	10	-	-	4	Crinum augustum 'Queen Emma' Crinum Lily	30"	30"			Full cont.
FIC	20	-	-	-	20	Ficus microcarpa 'Green Island' Green Island Ficus Shrub	16"	16"		2' o.c.	Full cont.
HEM	133	133	-	-		Hemerocallis catifolia Day Lily	10-12"	8-10"		18" o.c.	Full cont.
HIB	16	-	-	-	16	Hibiscus r.s. hedge 'Pink' Pink Hibiscus Hedge	3'	20-22"		2' o.c.	Full cont.
HRS	11	-	-	-	11	Hibiscus r.s. 'Weeping' Weeping Hibiscus	3'	20-22"		2' o.c.	Full cont.
LAN	242	242	-	-		Lantana 'depressa' Dwarf Lantana	8-10"	10-12"		18" o.c.	Full cont.
JAS	46	-	-	-	46	Jasminum volubile Waxleaf Jasmine	18"	18"		2' o.c.	Full cont.
RUS	48	-	-	-	48	Russelia equisetiformis Firecraker	18"	18"		2' o.c.	Full cont.

^A Indicates plant material native to Florida

LANDSCAPE REQUIREMENTS: R.A.C (REGIONAL CENTER) ARTICLE 4 SECTION 4.6

PERIMETER LANDSCAPE:

1. (1) STREET TREE PER 30 LINEAR FEET OR PORTION THEREOF OF STREET FRONTAGE OF PROPERTY.

HARRISON STREET: 164 LF
REQUIRED: 6 (164 LF / 30 LF = 5.5 = 6)
PROVIDED: 8 (LIVE OAKS)

SOUTH 17TH AVENUE: 128 LF
REQUIRED: 4 (128 LF / 30 LF = 4.3 = 4)
PROVIDED: 4 (GUMBO LIMBO)

VAN BUREN STREET: 294 LF (LESS DRIVEWAYS)
REQUIRED: 10 (294 LF / 30 LF = 9.8 = 10)
PROVIDED: 8 (LIVE OAKS)

SOUTH FEDERAL HIGHWAY: 454 LF
REQUIRED: 15 (454 LF / 30 LF = 15.1 = 15)
PROVIDED: 15 ((7) LIVE OAKS, (8) ROYAL PALMS)

TOTAL STREET
REQUIRED: 35
PROVIDED: 35

REVISIONS:
09/12/18 CITY COMMENTS

06-18-2018
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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GENERAL PLANTING SPECIFICATIONS:

1. Scope:

The work includes furnishing all plants, materials, equipment and labor necessary for planting of plant materials indicated on the drawings and in these specifications. A list of plants is attached to these specifications.

2. Plant Materials & Protection:

- A. All plant materials shall be nursery grown unless otherwise noted.
 - **Spread (or Spr.):** Indicates average spread at midpoint of current season's growth.
 - **Height (or O.A.):** Indicates overall height from top of ball to midpoint of current season's growth.
 - **C.T.:** Indicates clear trunk measurement from top of ball to first branching (see tree & Palm Planting Diagrams)
 - **Meter of Wood (or Meter of Hard Grey Wood):** Indicates measurement of Palms from top of ball to top of solid trunk before start of frond stalks or green "boots". (See Palm Planting Diagram)
- B. **Quantities:**
All quantities indicated on the plant list are intended as a guide for the bidders and does not relieve the bidder of his responsibility to do a comprehensive plant take off. Should a discrepancy occur between the bidder's take off and the plant list quantity, the Architect/Landscape Architect is to be notified for clarification prior to the submission of bids.
- C. **Quality and Sizes:**
Plants shall have a habit of growth that is normal for the species and shall be healthy, vigorous and equal or exceed the measurements specified in the plant list, which are the minimum acceptable sizes. Plants shall be measured with branches in normal position. Pruning (Section IV.J) should not reduce acceptable size and shape of tree, and should be done after acceptance of Architect/Landscape Architect. Requirements for measurements, branching, grading, quality, balling and burlapping of plants in the plant list generally follow the code of standards currently recommended by the American Association of Nurserymen, Inc., in the American Standard for Nursery Stock. Plant materials shall be graded Fancy No.1 or better as outlined under U.A.E. Grades & Standards for nursery plants. Plants that meet the requirements specified, but do not have the normal balance of height and spread typical for the respective plant, shall not be accepted. All plant material to be healthy, pest and disease free.

- D. **Substitution:**
Plant substitution requests by the Contractor will be considered by the Architect/Landscape Architect only upon submission of proof that any plant is not obtainable in the type or size specified. The Landscape Architect shall determine the nearest equivalent replacement in an obtainable size and variety. The unit price of the substitute item shall not exceed the bid item replaced, without approval of the Owner.

E. Protection of Plants:

1. Root Protection

A. Balled and Burlapped Plants (B & B) shall be dug with natural balls of earth of sufficient diameter and depth to encompass the fibrous and feeding root system necessary for full recovery of the plant. Balls shall be firmly wrapped with burlap or similar materials and bound with twine, cord, or wire mesh. All collected plants shall be balled and burlapped.

B. Container Grown Plants: Plants grown in containers will be accepted as B & B, providing that all other specified requirements are met. Container grown plants shall meet plant sizes as specified on the plant list and on the plans, and shall not be governed by container sizes. Minimum root balls or container grown material shall be no more than 25% less proportionately in size than that stated in "Grades & Standards" for nursery plants. These plants shall have been grown in the container for a maximum of two years prior to installation and shall exhibit a fully developed root system when removed from the container.

2. **Protection During Transporting:**
All plant material shall be protected from possible bark injury or breakage of branches. All plants transported by open trucks shall be adequately covered to prevent windburn, drying or damage to plants.

3. **Protection After Delivery:**
Plants which cannot be planted immediately upon delivery to the site shall be covered with moist soil, mulch, or other protection from the drying of wind and sun. All plants shall be watered as necessary until accepted. Storage period shall not exceed seventy-two (72) hours.

4. **Protection of Palms:**
Only a minimum of fronds shall be removed from the crown of the palm trees to facilitate moving and handling. Clear trunk (C.T.) shall be as specified after the minimum of fronds have been removed. Coconut palms shall be "hard" trees grown in marl or sand. Cabbage palm buds shall be tied with a biodegradable cord to be left in place until the tree is well established in its new location. All palms shall be triple braced and staked with new, clean lumber at least 6" in length to resist tree displacement.

5. **Protection During Planting:**
Trees moved by winch or crane shall be thoroughly protected from chain marks, grinding or bark slippage by means of other approved methods.

3. Materials:

- A. **Commercial Fertilizer:** Commercial fertilizer shall be organic fertilizer containing nitrogen, phosphoric acid and potash in equal percentages, 6-6-6 with micro nutrients.

Nitrogen shall be not less than 50 % from organic source. Inorganic chemical nitrogen shall not be derived from the sodium form of nitrate. Fertilizers shall be delivered to the site in unopened original containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer that becomes caked or otherwise damaged shall not be acceptable.

The following shall be sterilized, certified and free of seed:

- B. **Peat:** Peat shall be horticultural peat composed of not less than 60% decomposed organic matter by weight, on an oven dried basis. Peat shall be delivered to the site in a workable condition, free from lumps.
- C. **Planting Soil:** Planting soil for all plantings shall be sandy loam and shall contain a 25% minimum amount of decomposed organic matter. There must be a slight acid reaction to the soil with no excess of calcium carbonate. Planting soil shall be free from clay, stones, plants, roots, and other foreign materials which might be a hindrance to planting operations or be detrimental to good plant growth and shall be delivered in a loose friable condition and applied in accordance with the planting specifications and details.
- D. **Mulch:** Mulch material to be shredded Maleleuca mulch B grade or better, moistened at time of installation to prevent wind displacement. Alternate mulch material may be noted elsewhere in these drawings.
- E. **Drainage Stone (when applicable):** Drainage stone shall be gravel or crushed stone reasonably free of sharp edges - 1/2"-1 1/2" in diameter - as required in the bottom of raised planters.
- F. **Filter Fabric (when applicable):** Filter fabric, as required between gravel and soil in planters to be Dexit "Filter-fabric" (800)888-9669 or equal.

4. Planting Operations:

- A. **Soil Preparation:**
All existing soil and new fill/berms shall be treated with an approved weed killer such as "Round Up" according to manufacturer's specifications.

- B. **Layout:**
Location for plants and outlines of areas to be planted are indicated on the drawings. All plant locations shall be staked in the field by the Contractor to the satisfaction of the Architect/Landscape Architect. Where construction or utilities below ground or overhead are encountered or where changes have been made in the construction, necessary adjustments will be approved by the Architect/ Landscape Architect.

- C. **Excavation for Planting:**
Excavation of holes shall extend to the required sub-grades as specified hereunder. Plant pits shall be circular in outline and shall have a profile which conforms to the "Typical Tree & Palm Planting Details"(attached). The minimum depth of plant pits specified below shall be measured from the finishing grade. Shrub planting beds shall be "bed-prepared" and not "pit-prepared".

- D. **Balled and Burlapped Plants:**
After final setting, loosen wrappings of balled and burlapped plants and roll wrappings back from top of ball, leaving ball unbroken. Cut off excessive amounts of burlap and remove in sufficient quantity to eliminate creation of voids upon decomposition.

- E. **Container Grown Plants:**
Container grown plants shall, when delivered, have sufficient root growth to hold earth intact when removed from container. They shall not be root bound. Containers shall be removed to prevent damage to plant or root system according to diagrams (attached). Plant pits for container materials shall be formed flat on the bottom to avoid air pockets at the bottom of root balls.

- F. **Pit Sizes:**
Minimum diameter (Width) and depth of planting pits for balled and burlapped, and container grown plants shall be as follows:
 -Diameter-Trees: 18" greater than diameter of ball or spread of roots.
 -Diameter-Shrubs: 6" greater than diameter of ball or spread of roots.
 -Depth-Trees and Shrubs: 4" greater than depth of ball or roots to provide 4" of topsoil backfill under the root ball. (Large, heavy trees and shrubs shall sit directly on excavated pit bottom to prevent settlement)
 -Depth-Vines and Ground Covers: Pits shall be large enough for adequate planting.

- G. **Backfilling:**
When pit has been excavated as specified in Paragraph IV-C, the pit shall be backfilled with material as specified in Paragraph III, A, B, C, D, and IV, B and shown in the Typical Tree and Shrub diagrams (attached).

- H. **Setting Trees and Shrubs:**
Unless otherwise specified, all trees and shrubs shall be planted in pits, centered and set on four inches (4") of compacted topsoil to such depths that the finished grade level of the plant after settlement shall be the same as that at which the plant was grown. They shall be planted upright and faced to give the best appearance or relationship to adjacent structures. No burlap shall be pulled out from under the balls. Platforms, wire and surplus binding from top and sides of the balls shall be removed. All broken or frayed roots shall be cut off cleanly. Soil shall be placed and compacted thoroughly avoiding injury and shall be settled by watering. No filling around trunks will be permitted. After the ground settles, additional soil shall be filled in, to the level of the finished grade, allowing for two inches (2") of mulch. Form a shallow saucer around each plant by placing a ridge of soil along the edge of the plant pit.

- I. **Setting Palms:**
All palms shall be planted in sand, thoroughly washed in during planting operations and with a shallow saucer depression left at the soil line for future waterings. Saucer areas shall be top-dressed two inches (2") deep with topsoil raked and left in a neat, clean manner.

- J. **Pruning - New Plant Material:**
Remove dead and broken branches from all plant material. Prune to retain typical growth habit of individual plants with as much height and spread as is practicable. Make all cuts with sharp instrument flush with trunk or adjacent branch, in such a manner as to insure elimination of stubs, "headback" cuts at right angles to line of growth will not be permitted. Trees shall not be poled or topped. Remove trimmings from site.

- K. **Guying Tree:**
(See "Typical Tree Planting Diagram" included herein.) Guy all trees 1 1/2 inches in caliper and greater, in three directions with two strands of No. 12 galvanized wire attached to approved anchors driven below grade. When securing wires to trees, cover all wires which may come in contact with any part of tree with new rubber hose. Place guys not less than 1/3 of the height of tree above finished grade and above substantial limbs (one inch (1") in diameter or more), if possible. All hoses shall be interlocked around tree trunk. Place anchors so that guys are equally spaced and at 45 degree angles to horizon. Keep guys tight until project completion.

- L. **Mulching:**
All trees and shrub beds shall be mulched immediately after planting to a two inch (2") depth. Prevent wind displacement of mulch by thoroughly wetting down.

- M. **Excess Excavated Soil:**
Excess excavated soil shall be disposed of by the Contractor at no additional expense to the Owner, at Owner's discretion.

- N. **Relocated Material (when applicable):**
Existing material shown on the plan to be relocated shall be root-pruned as far ahead of time as necessary to move them safely, and shall be protected and treated as new material, as previously specified. Planting shall be in accord with these specifications.

- O. **Disposition of Existing Material:**
All existing plant material not shown as remaining or relocated shall be removed from the site at no additional cost to the Owner, at Owner's discretion.

5. Sod

- A. **Soil:**
The Landscape Contractor shall submit a unit price per cubic yard for the supply and distribution of planting soil as herein before specified, to be applied at a depth of one inch (1"), to all areas receiving sod. (The use of this one inch (1") of soil shall be at the discretion of the Architect/Landscape Architect after evaluation of the existing soil on the site.)

- B. **Grades:**
It shall be the responsibility of the Landscape Contractor to finish (fine) grade all landscape areas, eliminating all bumps, depressions, sticks, stones and other debris to the satisfaction of the Architect/Landscape Architect.

- C. **The sod shall be as called for on the landscape plans. Sod shall be of firm tough texture, having a compact growth of grass with good root development, and shall contain no weeds or any other objectionable vegetation. The soil embedded in the sod shall be good earth, free from stones and debris and all sod shall be free from fungus, vermin and other diseases.**

- D. **Before being cut and lifted, the sod shall have been mowed at least three times with a lawn mower, with the final mowing not more than seven days before the sod is cut. The sod shall be carefully cut into uniform dimensions.**

- E. **Sod sod shall be laid with closely abutting joints with a tamped or rolled, even surface. It shall be the responsibility of the Contractor to bring the sod edge in a neat, clean manner to the edge of all paving and shrub areas. If, in the opinion of the Architect/Landscape Architect, top-dressing is necessary after rolling, clean sand will be evenly applied over the entire surface and thoroughly washed in.**

6. Clean-up:

Any soil, peat or similar material which has been brought onto any paved areas shall be removed promptly keeping these areas clean as the work progresses. Upon completion of the planting, all excess soil, stones and debris which has not been previously cleaned up shall be removed from the site or disposed of as directed by the Architect/Landscape Architect.

7. Maintenance:

- A. Maintenance shall begin immediately after each plant is planted and shall continue until all planting has passed final inspection and acceptance by the Owner. Maintenance shall include watering, weeding, cultivating, removal of dead materials, resetting plants to proper grades or upright position and restoration of the planting saucer and any other necessary operations. Proper protection to lawn areas and existing plant materials shall be provided and any damage resulting from planting operations shall be repaired promptly.

- B. The Contractor shall deep-water all trees and shrubs for a period of ninety (90) days after planting. In the event an irrigation system is operable, Contractor shall see that adequate water is supplied for that period.

8. Inspection and Acceptance:

- A. **Inspection:**
Inspection of work to determine completion of contract, exclusive of the possible replacement of plants, will be made by the Owner and/or Landscape Architect at the conclusion of all planting and at the written request of the Contractor.

- B. **Acceptance:**
After inspection, the Contractor will be notified by the Owner of the acceptance of all plant material and workmanship, exclusive of the possible replacement of plants subject to guarantee.

9. Guarantee and Replacement:

- A. **Guarantee:**
The Contractor shall furnish a written guarantee warranting all materials, workmanship and plant materials, for a period specified in the General Conditions of Project Specifications. All plant materials shall be alive and in satisfactory condition and growth for each specific kind of plant at the end of guarantee period. Where vandalism is agreed by the Architect/Landscape Architect as the cause for replacement, the Contractor shall not be responsible for replacement during the guarantee after final acceptance. See General Conditions of Project Specifications for additional guarantee information.

- B. **Replacement:**
During guarantee period, any plant required under this contract that is dead or not in satisfactory condition, as determined by the Architect/Landscape Architect, shall be replaced within two weeks of notification by the Architect/Landscape Architect. The Contractor shall be responsible for the full replacement cost of plant materials.

- C. **Material and Operations:**
All replacements shall be plants of the same kind and size as specified in the plant list. They shall be furnished and planted as specified herein.

10. Care and Maintenance Schedule:

- A. The Contractor shall furnish the Owner's Maintenance staff with a written and detailed description for the care and maintenance of all plant materials and irrigation systems at the time of final inspection. Contractor will also provide a one year Landscape Maintenance Contract, to take effect after Substantial Completion of the project. It will be in the Owner's discretion to accept or reject this contract.

11. Permits and Regulations:

- A. The Contractor shall give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of this work as drawn and specified.

12. Protection of Work and Property:

- A. The Contractor shall continuously maintain adequate protection of all his work from damage and theft and shall protect the Owner's property from injury and loss arising in connection with this contract, making good any such loss or injury or damage except where caused by Owner or his agents. He shall adequately provide and maintain passageways, guard fences, lights and other protections required by public authority according to State, Federal and local ordinances.

- B. The Contractor shall provide protection for existing trees and other plant material as designated by drawings, by Owner's representative or by local authorities. Such protection shall consist of fencing or such devices as will prevent harm to material from excavation, breakage, chemical or other types of damage.

- C. A competent superintendent, foreman or workman capable of reading drawings and acting on behalf of the Contractor shall be kept on the work during its progress.

13. Changes in The Work:

- A. The Contractor shall conduct a soil survey of the site to determine the need for any additives to overcome severe conditions not met by normal planting soil requirements. A report of any problems shall be submitted to the Owner and the Architect/Landscape Architect for approval prior to installation, along with a cost break-down of additional services needed.

- B. The Contractor shall advise the Owner and Landscape Architect of any special site conditions (high water table, light or soil conditions, etc.) that might require change of plant material or adjustment to finish elevation shown. The Owner will approve any changes thus determined.

- C. Any changes made to the approved landscape plans shall require written permission from the city.

14. Landscape Architect:

- A. The Landscape Architect is the author of the design and agents for its execution. When his services are used by the Owner for supervision, he shall act impartially between the Owner and Contractor and shall have authority to reject all work and materials which do not conform to the contract. All decisions of the Landscape Architect shall be final.

The Contractor shall remove from the site all materials considered not up to specifications by the Landscape Architect and replace with suitable materials.

15. Obstructions:

- A. The Contractor shall acquaint himself with the existence and location of all surface and subsurface structures, utilities and installations before commencing any work, and shall avoid any disturbance or damage to them throughout the course of the work. Repairs to any utilities, subsurface structures and installations and surface obstructions damaged by the Contractor shall be at the Contractor's own time and expense.



landscape architects and planners

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PARC PLACE HOLLYWOOD, FLORIDA PLANTING SPECIFICATIONS

REVISIONS:
09/12/18 CITY COMMENTS

06-18-2018
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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SHEET
LP-06

PARC PLACE
HOLLYWOOD, FLORIDA
TREE DISPOSITION PLAN

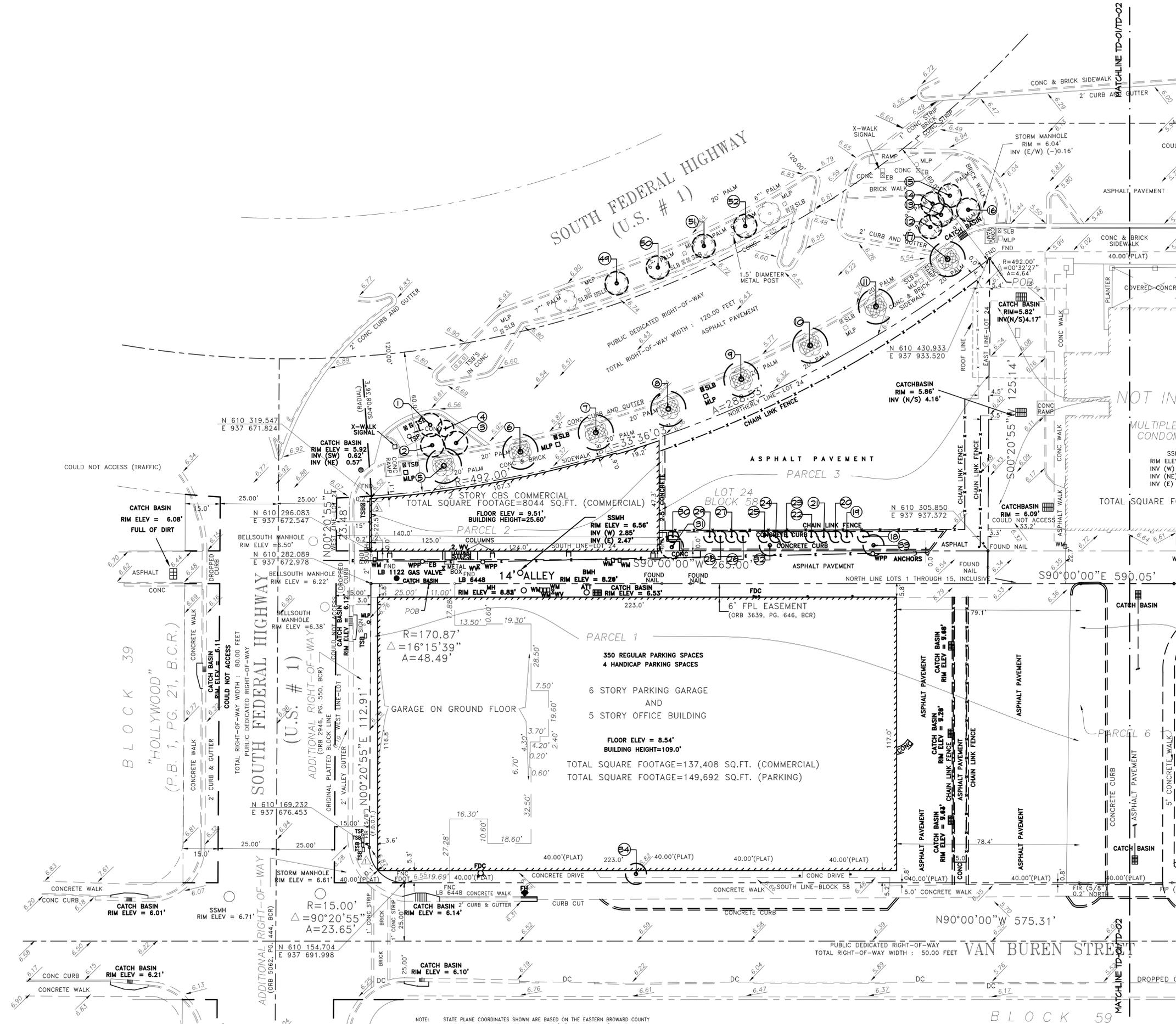
REVISIONS:

06-18-2018
DATE
J.R./S.O.Q.
DRAWN BY:
M.J.
APPROVED BY:

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TD-01

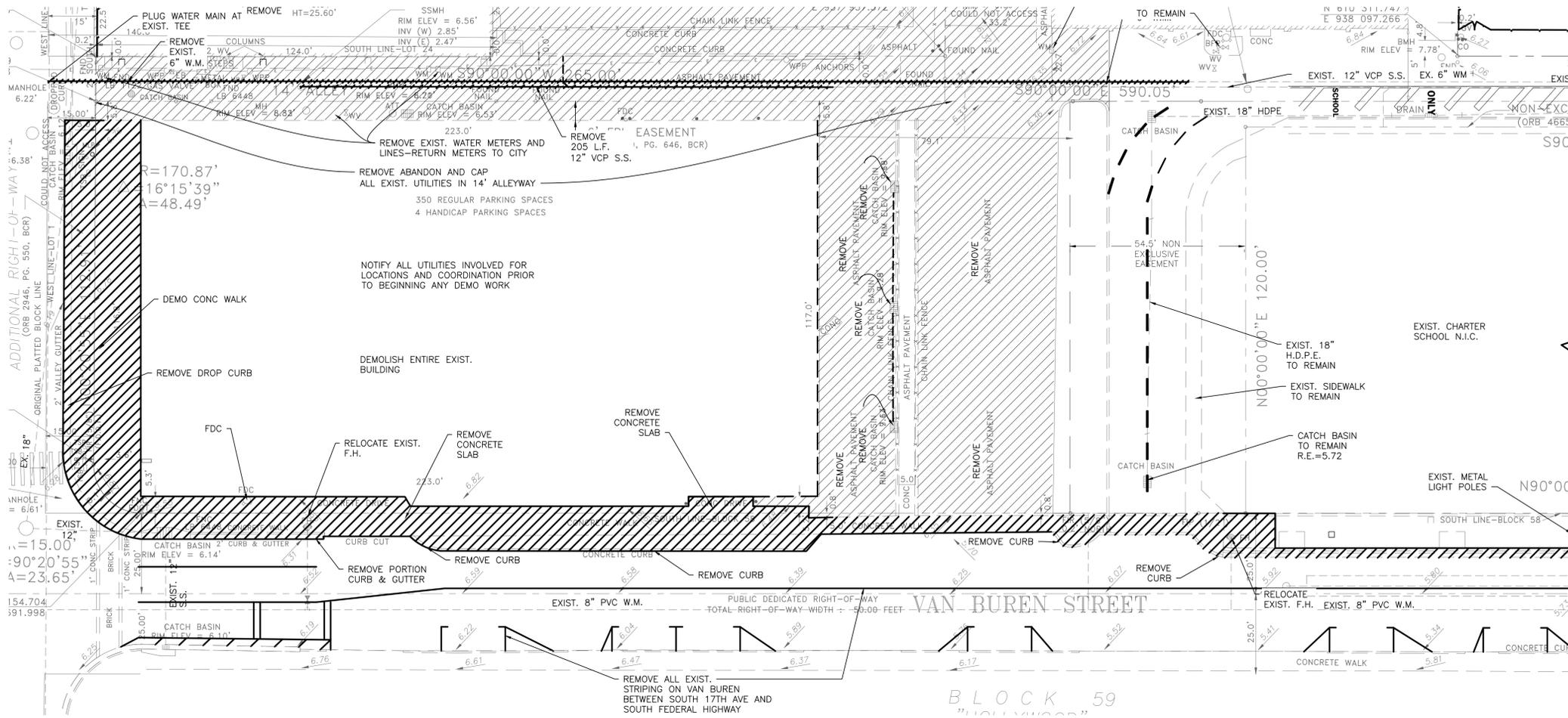


NOTE: STATE PLANE COORDINATES SHOWN ARE BASED ON THE EASTERN BROWARD COUNTY COORDINATE AND DATUM, ADAPTED FROM THE 1983 NAD 83 DATUM.



SCALE: 1" = 20'-0"

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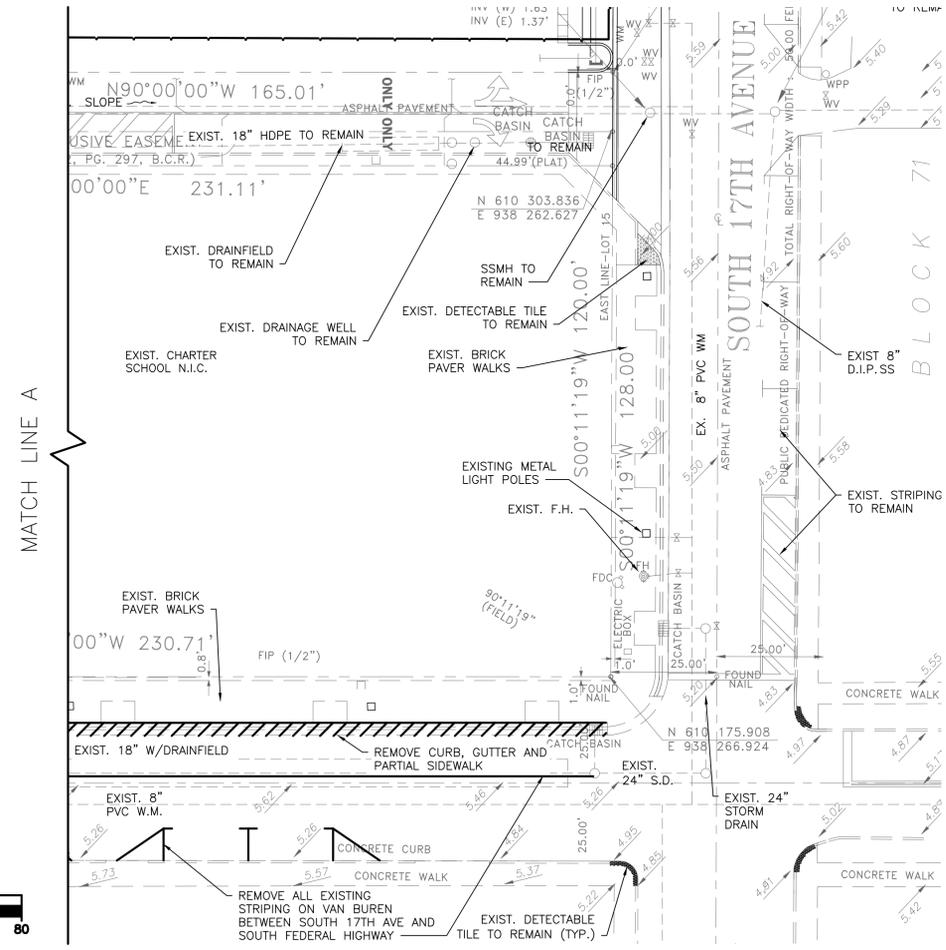
LEGEND		
	EXIST. MANHOLE	
	EXIST. GATE VALVE	
	EXIST. FIRE HYDRANT ASSEMBLY	
	EXIST. CATCH BASIN	
	PROP. ELEVATION	
	EXIST. ELEVATION	
	NEW OR RESTORED PAVEMENT	
	PAVEMENT TO BE REMOVED	
	NEW CONCRETE SIDEWALK	
	EXISTING	
	P.V.C. POLYVINYL CHLORIDE	
	H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE	
	EXIST. PIPE	
	PROP. PIPE	
	SURFACE FLOW LINE	
	R.C.P. REINFORCED CONC. PIPE	
	DRAINFIELD	
	UTILITY EASEMENT	
	SANITARY SEWER	
	R.E. RIM ELEVATION	
	I.E. INVERT ELEVATION AND DIRECTION	
	(T) THERMOPLASTIC PAINT	
	BSP BACTERIOLOGICAL SAMPLING POINT	

DEMOLITION PLAN PHASE 1

SCALE 1"=20'

REFER TO SHEETS D-1 THROUGH D-4 FOR ADDITIONAL DEMOLITION INFORMATION.

Graphic Scale: 1 inch = 20 feet



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revisions:

FINAL TAC	8/12/19

drawing data:

**PHASE 1
 SOUTH & WEST
 TOWERS
 SITE DEMOLITION**

project number: #15197

drawing scale: As Shown

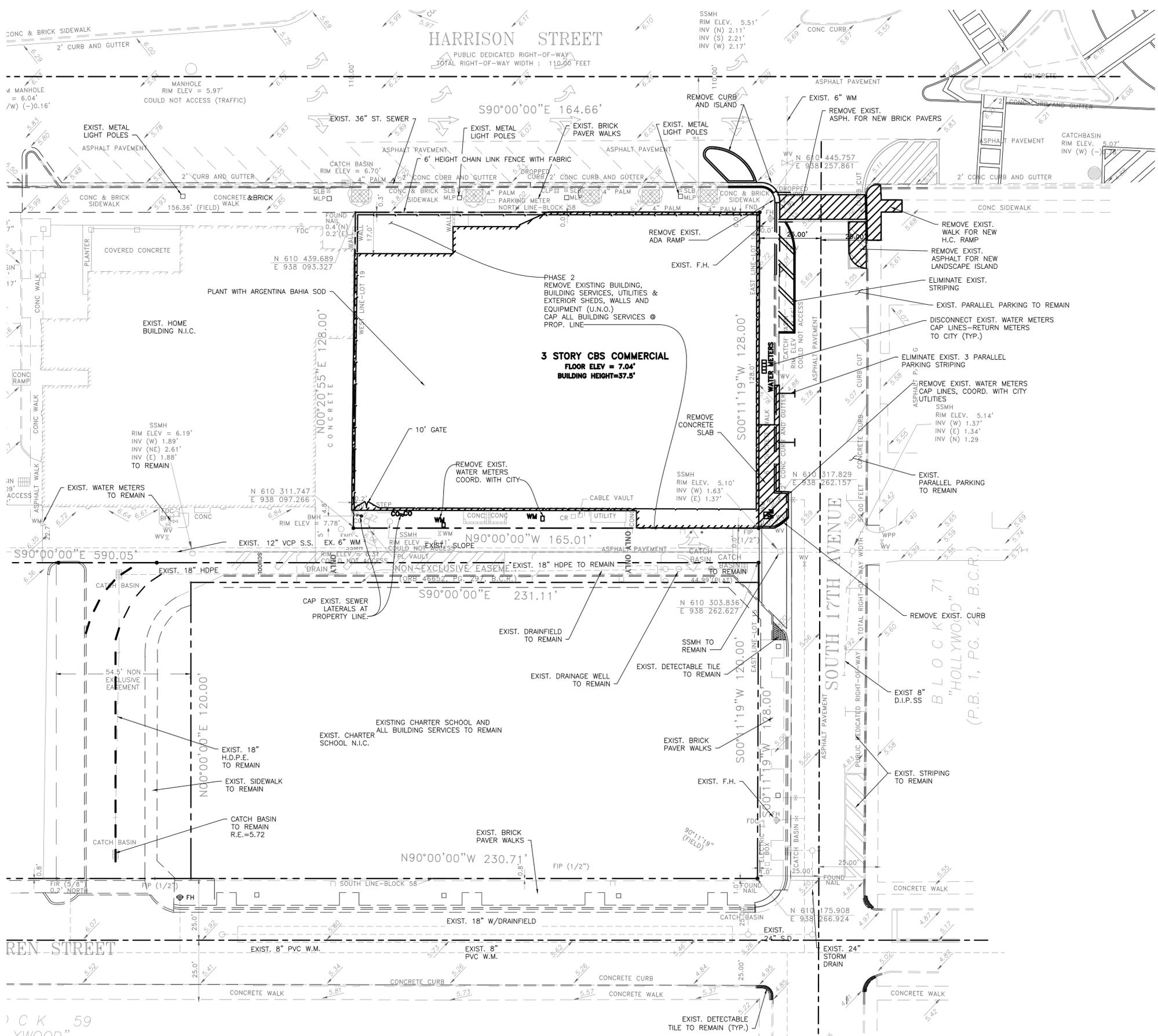
drawing date: 04/26/2018

phase: Final TAC

sheet number: **D-2**

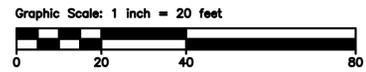
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REFER TO SHEETS D-1 THROUGH D-4 FOR ADDITIONAL DEMOLITION INFORMATION.

DEMOLITION PLAN PHASE 2
 SCALE 1"=20'



LEGEND

	EXIST. MANHOLE	P.V.C.	POLYVINYL CHLORIDE
	EXIST. GATE VALVE	H.D.P.E.	HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT	---	EXIST. PIPE
	PROP. CATCH BASIN	---	PROP. PIPE
	EXIST. ELEVATION	---	SURFACE FLOW LINE
	EXIST. ELEVATION	R.C.P.	REINFORCED CONC. PIPE
	NEW OR RESTORED PAVEMENT	D.F.	DRAINFIELD
	PAVEMENT TO BE REMOVED	U.E.	UTILITY EASEMENT
	NEW CONCRETE SIDEWALK	S.S.	SANITARY SEWER
	EXISTING	R.E.	RIM ELEVATION
	W.M.	I.E.	INVERT ELEVATION AND DIRECTION
		(T)	THERMOPLASTIC PAINT
		BSF	BACTERIOLOGICAL SAMPLING POINT
		S.D.	STORM DRAIN

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 City of Hollywood, Florida

seal:

ROBERT K. MORISSETTE, AIA, NCARB, LEED AP BD+C, CDF
 FLORIDA REGISTERED ARCHITECT # AR 932359

revisions:

FINAL TAC	8/12/19

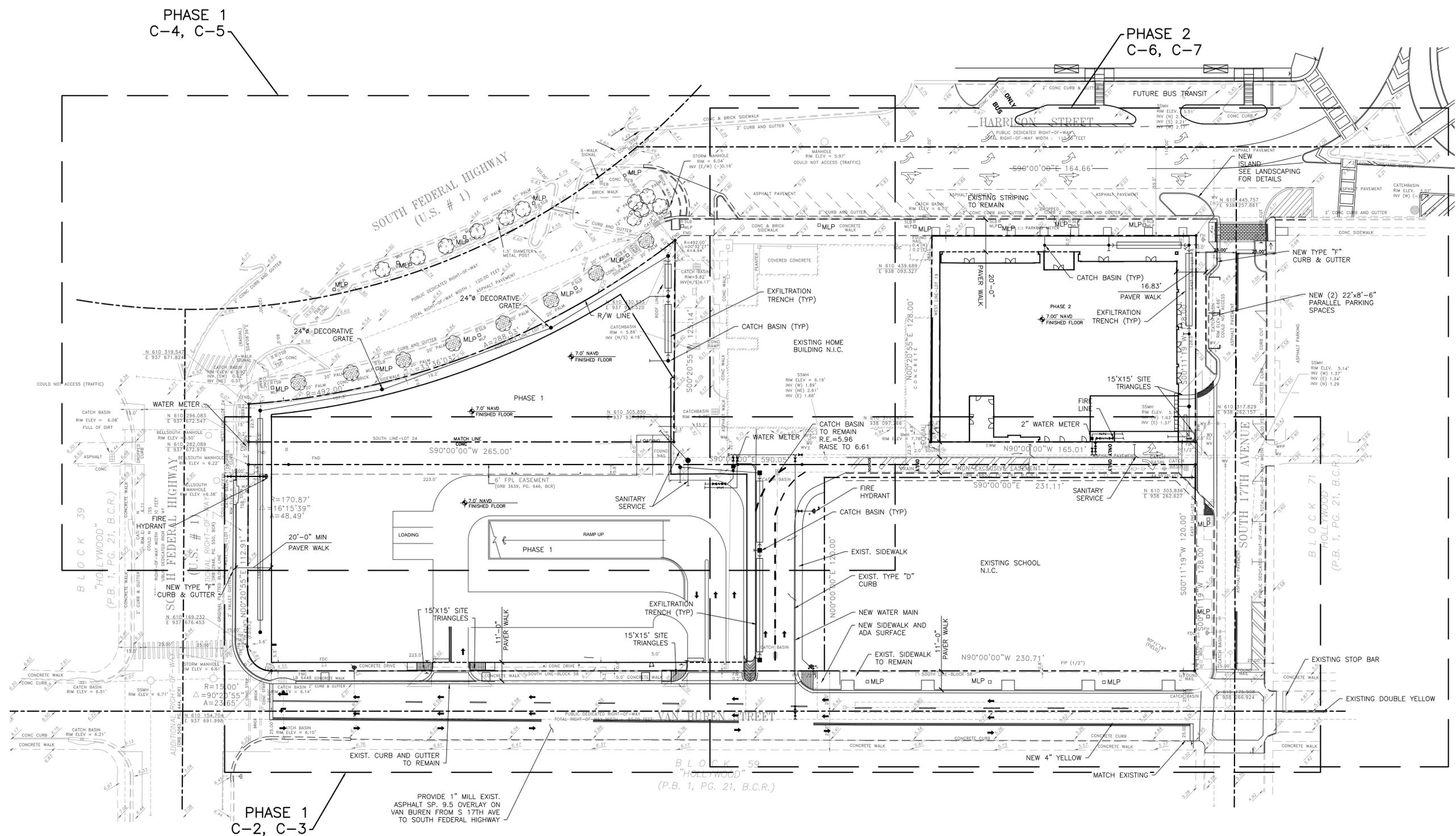
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**PHASE 2
 EAST TOWER
 SITE DEMOLITION**

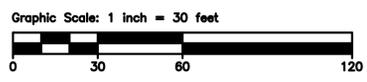
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 drawing date: 04/26/2018
 phase: Final TAC
 sheet number: **D-4**

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OVERALL PLAN
SCALE 1"=30'



LEGEND		
	EXIST. MANHOLE	P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE	H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT	EXIST. PIPE
	PROP. CATCH BASIN	PROP. PIPE
	EXIST. CATCH BASIN	PROP. SURFACE FLOW LINE
	PROP. ELEVATION	R.C.P. REINFORCED CONC. PIPE
	EXIST. ELEVATION	D.F. DRAINFIELD
	NEW OR RESTORED PAVEMENT	U.E. UTILITY EASEMENT
	PAVEMENT TO BE REMOVED	S.S. SANITARY SEWER
	NEW CONCRETE SIDEWALK	R.E. RIM ELEVATION
	EXIST.	I.E. INVERT ELEVATION AND DIRECTION
		(T) THERMOPLASTIC PAINT
		BSP BACTERIOLOGICAL SAMPLING POINT

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STATE OF FLORIDA

DATE:
LOUIS BERGER Job # 2042049

project info :

Parc Place
Phase 1,2,3
City of Hollywood, Florida

revisions :

FINAL TAC	8/12/19

drawing data :

**OVERALL PLAN
SITE CIVIL**

project number : #15197

drawing scale : As Shown

drawing date : 04/26/2018

phase : Final TAC

sheet number : C-1

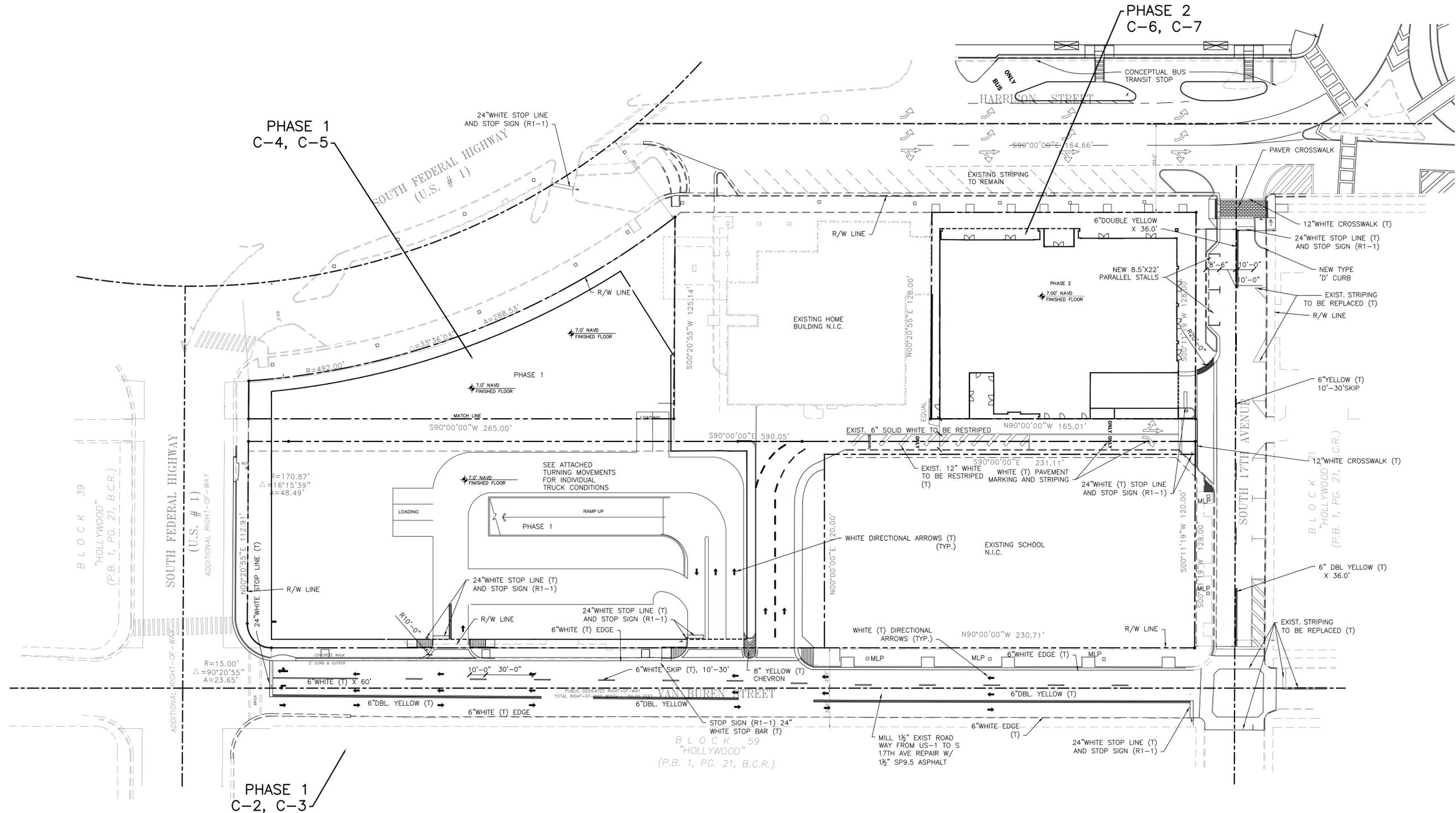
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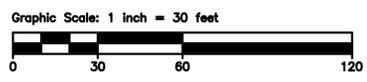
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PAVING MARKINGS PLAN

ALL STRIPING SHALL BE REFLECTORIZED THERMOPLASTIC IN CONFORMANCE WITH B.C.T.E. MINIMUM STANDARDS.

SCALE 1"=30'



LEGEND

	EXIST. MANHOLE		P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE		H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT ASSEMBLY		EXIST. PIPE
	PROP. CATCH BASIN		PROP. PIPE
	EXIST. CATCH BASIN		SURFACE FLOW LINE
	PROP. ELEVATION		R.C.P. REINFORCED CONC. PIPE
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	PAVEMENT TO BE REMOVED		S.S. SANITARY SEWER
	NEW CONCRETE SIDEWALK		R.E. RIM ELEVATION AND DIRECTION
	EX. EXISTING		(T) THERMOPLASTIC PAINT
			BSP BACTERIOLOGICAL SAMPLING POINT

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seal :

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 FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

FINAL TAC	8/12/19

drawing data :

**OVERALL PLAN
 SITE CIVIL**

project number : #15197

drawing scale : As Shown

drawing date : 04/26/2018

phase : Final TAC

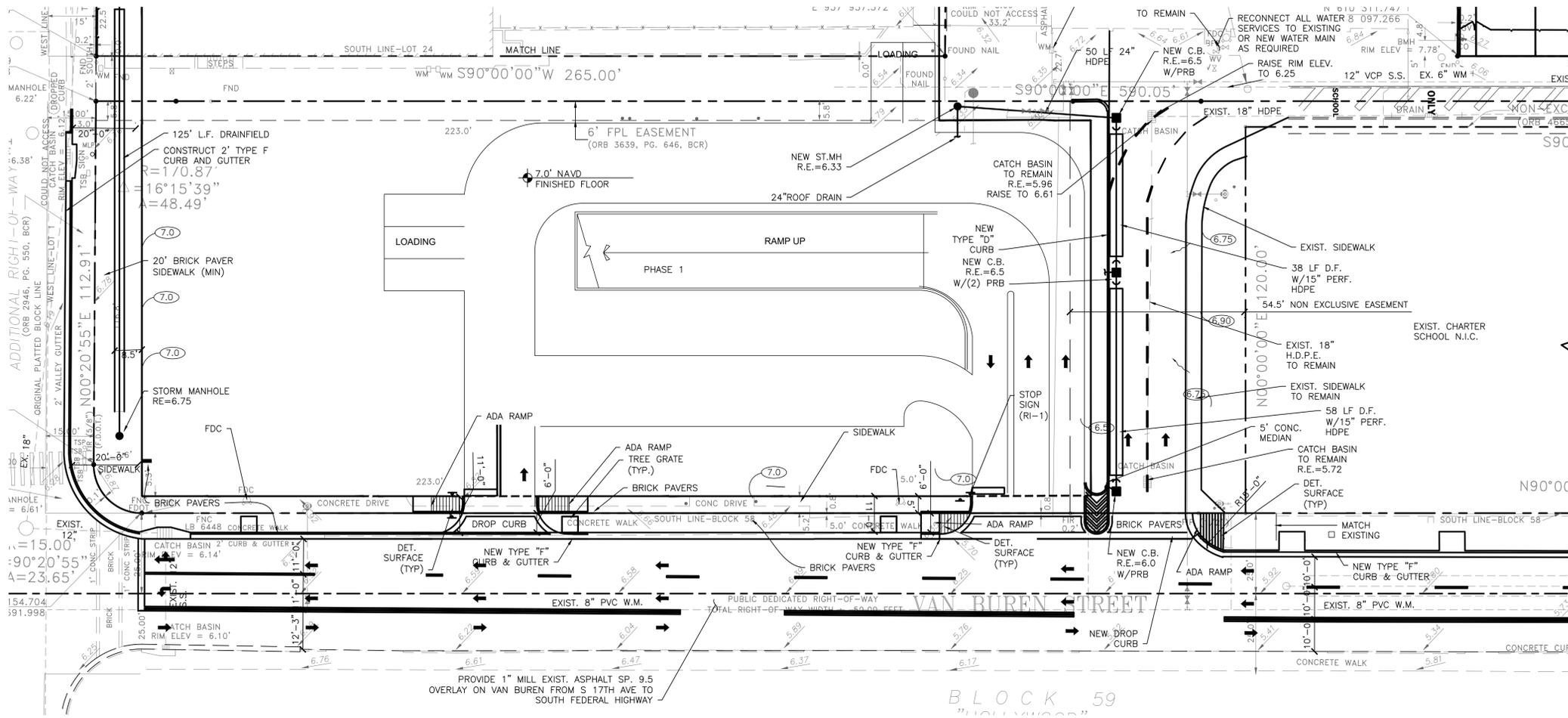
sheet number : C-1A

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WATER QUALITY CALCULATION
 1.33 ACRE SITE x 2.5" = 3.33 AC-IN.
 3.33 AC-IN = 0.28 A.F. REQUIRED
 DRAINFIELDS DESIGN FOR 0.30 A.F. STORAGE

PHASE I PRE VS. POST DRAINAGE CALCULATIONS

100 YEAR 24 HOUR RAINFALL=12"x1.359(3 DAY)	PRE	POST
TOTAL SITE	60,885 S.F.	60,885 S.F.
1.33 AC.		
BUILDING	30,114 S.F.	43,279 S.F.
PAVEMENT/WALKS	27,095 S.F.	7,607 S.F.
TOTAL IMPERVIOUS	57,209 S.F.	45,026.5 S.F.
TOTAL PERVIOUS	60,886 S.F.	0 S.F.

RUNOFF CALCULATIONS - PRE 100 YEAR RAINFALL
 60,885 S.F. = 1.4 ACRE
 SOIL STORAGE 8.18" X 6% TOTAL SITE = 0.68" OVER ENTIRE SITE
 1.4 ACRE X (12"-0.68") = 15.85 AC-IN
 15.85 AC-IN X 1.359 = 21.54 AC-IN
 21.54 AC-IN X 1/2 = 10.77 A.F. RUNOFF

RUNOFF CALCULATIONS - POST 100 YEAR RAINFALL
 60,885 S.F. = 1.4 ACRE
 1.4 ACRE X (12"-2.5"(DRAINFIELD)) = 13.30 AC-IN
 13.30 AC-IN X 1.359 = 18.07 AC-IN
 18.07 AC-IN X 1/2 = 9.04 A.F. RUNOFF

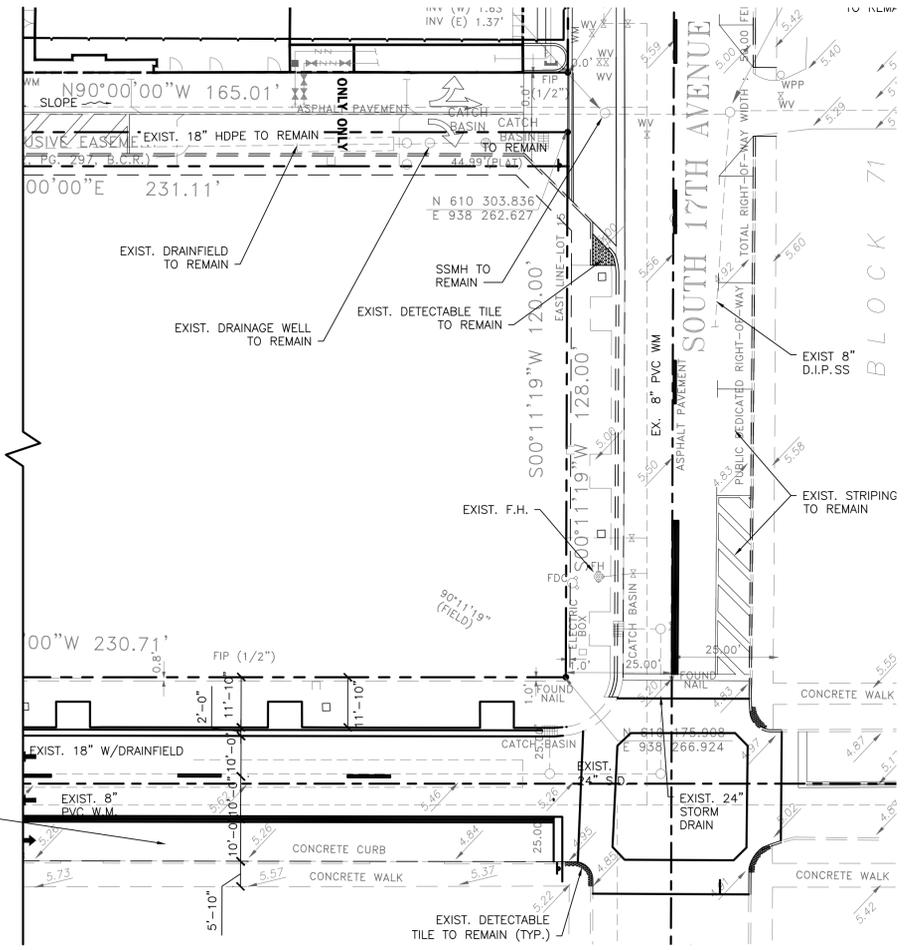
LEGEND

	EXIST. MANHOLE		P.V.C.		POLYVINYL CHLORIDE
	EXIST. GATE VALVE		H.D.P.E.		HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT ASSEMBLY		EXIST. PIPE		EXIST. PIPE
	PROP. CATCH BASIN		PROP. PIPE		SURFACE FLOW LINE
	EXIST. CATCH BASIN		R.C.P.		REINFORCED CONC. PIPE
	PROP. ELEVATION		D.F.		DRAINFIELD
	EXIST. ELEVATION		U.E.		UTILITY EASEMENT
	LANDSCAPED		S.S.		SANITARY SEWER
	NEW OR RESTORED PAVEMENT		R.E.		RIM ELEVATION
	PAVEMENT TO BE REMOVED		I.E.		INVERT ELEVATION AND DIRECTION
	NEW CONCRETE SIDEWALK		(T)		THERMOPLASTIC PAINT
	EX. EXISTING		BSP		BACTERIOLOGICAL SAMPLING POINT

NOTE:
 BROWARD COUNTY DEPARTMENT OF GROWTH MANAGEMENT AND ENVIRONMENTAL PROTECTION REQUIRES WATER QUALITY CALCULATIONS ONLY FOR SITES LESS THAN 1.0 ACRE IMPERVIOUS. 95% OF SITE IS COVERED BY PROPOSED ROOF. ROOF RUNOFF IS DIRECTED TO UNDERGROUND EXFILTRATION TESTS. SITE INVESTIGATION INDICATES, OVER 80% OF THE EXISTING BUILDING ROOF DRAINS DIRECTLY INTO PUBLIC R/W.

PAVING, GRADING AND DRAINAGE PLAN - PHASE 1
 SCALE 1"=20'

PROVIDE 1" MILL EXIST. ASPHALT SP. 9.5 OVERLAY ON VAN BUREN FROM S 17TH AVE TO SOUTH FEDERAL HIGHWAY



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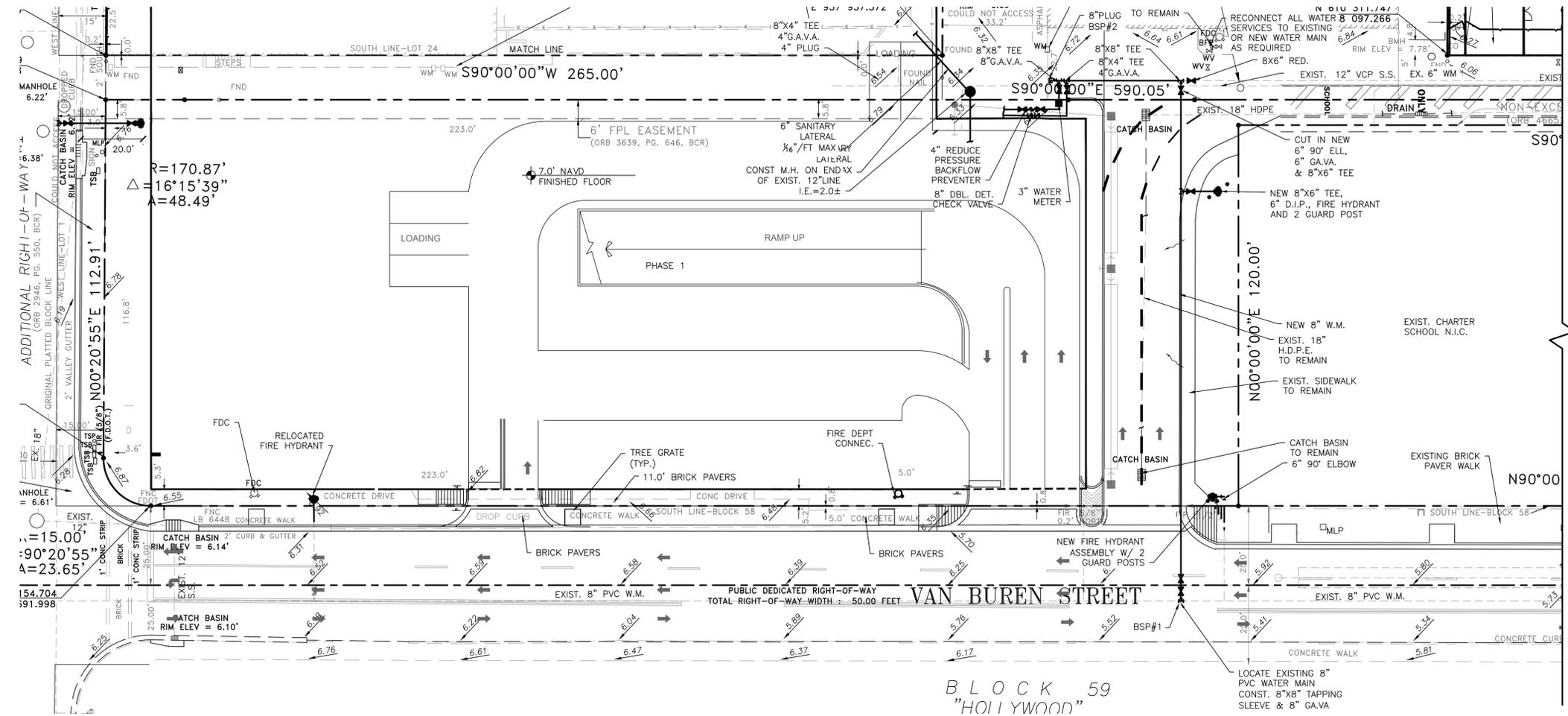
FINAL TAC	8/12/19

drawing data:

PHASE 1 SOUTH & WEST TOWERS PAVING, GRADING & DRAINAGE

project number: #15197
 drawing scale: As Shown
 drawing date: 04/26/2018
 phase: Final TAC
 sheet number: C-2

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WATER QUALITY CALCULATION
 1.33 ACRE SITE X 2.5" = 3.50 AC.IN.
 3.50 AC.IN X 1/12 = 0.29 A.F. REQUIRED
 DRAINFIELDS DESIGN FOR 0.30 A.F. STORAGE

PHASE I DRAINFIELD CALCULATIONS:
 1. FORMULA:
 $K[(\%WQ)(V_{wq}) + V]$
 $K(H_2W + 2D_1H_2 - D_1^2 + 2D_2H_2) + 1.39 \times 10^{-4}(W)D_1$

WHERE:
 L = LENGTH OF DRAINFIELD REQUIRED
 FS = 2.0 (FACTOR OF SAFETY)
 %WQ = 50% (PERCENT REDUCTION IN REQUIRED WATER QUALITY VOLUME) - N/A
 V_{wq} = VOLUME OF WQ TREATMENT PROVIDED IN ONE HOUR = 1.33 ACRE X 2.5" - 0.28 AC. - FT. = 3.33
 V_{int} = 0.00 AC. - IN.
 K = 2.75 X 10⁻⁴ CFS/FT² (HYDRAULIC CONDUCTIVITY)
 H₂ = 4.0 (HEAD ON SATURATED SURFACE) (4.5 - 0.5)
 D₁ = 4.0 (UNSATURATED TRENCH DEPTH) (0.5 - (-) 0.5)
 W = 5.0 (WIDTH OF TRENCH)
 D₂ = 1.0 (SATURATED TRENCH DEPTH) (0.46 - (-) 1.00)
 L = 257 L.F. REQUIRED, 266 L.F. PROVIDED

PHASE I PRE VS. POST DRAINAGE CALCULATIONS
 100 YEAR 24 HOUR RAINFALL = 13" X 1.359 (3 DAY)
 TOTAL SITE PRE POST
 1.40 AC. 57,792 S.F. 57,792 S.F.

BUILDING 30,127 S.F. 51,141 S.F.
PAVEMENT/WALKS 27,265 S.F. 6,384 S.F.
TOTAL IMPERVIOUS 57,329 S.F. 57,795 S.F.
TOTAL PERVIOUS 60,400 S.F. 0 S.F.

RUNOFF CALCULATIONS - PRE 100 YEAR RAINFALL
 57,792 S.F. = 1.33 ACRE
 SOIL STORAGE 8.18" X 0.01% TOTAL SITE = 0.001" OVER ENTIRE SITE
 1.33 ACRE X (12" - 0.68") = 15.96 AC-IN
 15.96 AC-IN X 1.359 = 21.69 AC-IN
 21.69 AC-IN X 1/12 = 1.80 A.F. RUNOFF

RUNOFF CALCULATIONS - POST 100 YEAR RAINFALL
 1.33 ACRE X (12" - 2.5" (DRAINFIELD)) = 12.63 AC-IN
 12.63 AC-IN X 1.359 = 17.17 AC-IN
 17.17 AC-IN X 1/12 = 1.43 A.F. RUNOFF

PER ATTACHED FLOOD ROUTINGS:
 10 YEAR 24 HOUR RAINFALL = 9.5"
 PRE: 6.51 NAVD POST: 4.89 NAVD
 25 YEAR 72 HOUR RAINFALL = 14.94"
 PRE: 6.51 NAVD POST: 4.82 NAVD
 100 YEAR 72 HOUR RAINFALL = 17.67"
 PRE: 6.51 NAVD POST: 4.87 NAVD

FIRE FLOW CALCULATIONS PER N.F.P.A. I
 1. TYPE OF CONSTRUCTION: NONCOMBUSTIBLE, TYPE II (222)
 2. NUMBER OF STORIES, 3 CONSECUTIVE
 3. FLOOR AREA = 39,060 + 15,559 = 54,619 X 3 = 163,857 S.F.
 4. FIREFLOW = 4,250 GPM
 5. 75% CREDIT FOR FIRE SPRINKLER: 3,188
 6. TOTAL REQUIRED FIRE FLOW = 4,250 - 3,188 = 1,063 GPM SAY 1,100 GPM
 7. UNDERGROUND FIRE MAIN CONSTRUCTION MUST BE PERFORMED BY A FIRE PROTECTION CONTRACTOR HOLDING A CLASS I, II OR V LICENSE PER F.S.635.102.

WATER AND SEWER DEMAND CALCULATION
 1. 131 STUDIO BEDROOM APARTMENTS: 150 GAL/DAY
 206 ONE BEDROOMS APARTMENTS: 250 GAL/DAY
 81 TWO BEDROOMS APARTMENTS: 250 GAL/DAY
 2. 21,945 S.F. RETAIL: 0.2 GAL/DAY/S.F.
 21,945 X 0.2 = 4,989 GPD FLOW
 3. TOTAL FLOW = 91,400 + 4,989 = 96,389 GPD
 4. 91,400 = 261 E.R.C.S.

LEGEND		
	EXIST. MANHOLE	P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE	H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT ASSEMBLY	EXIST. PIPE
	PROP. CATCH BASIN	PROP. PIPE
	EXIST. CATCH BASIN	SURFACE FLOW LINE
	PROP. ELEVATION	R.C.P. REINFORCED CONC. PIPE
	EXIST. ELEVATION	D.F. DRAINFIELD
	LANDSCAPED	U.E. UTILITY EASEMENT
	NEW OR RESTORED PAVEMENT	S.S. SANITARY SEWER
	PAVEMENT TO BE REMOVED	R.E. RIM ELEVATION
	NEW CONCRETE SIDEWALK	I.E. INVERT ELEVATION AND DIRECTION
	EXIST.	(T) THERMOPLASTIC PAINT
		BSP BACTERIOLOGICAL SAMPLING POINT

WATER AND SEWER PLAN - PHASE 1
 SCALE 1" = 20'

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revisions:

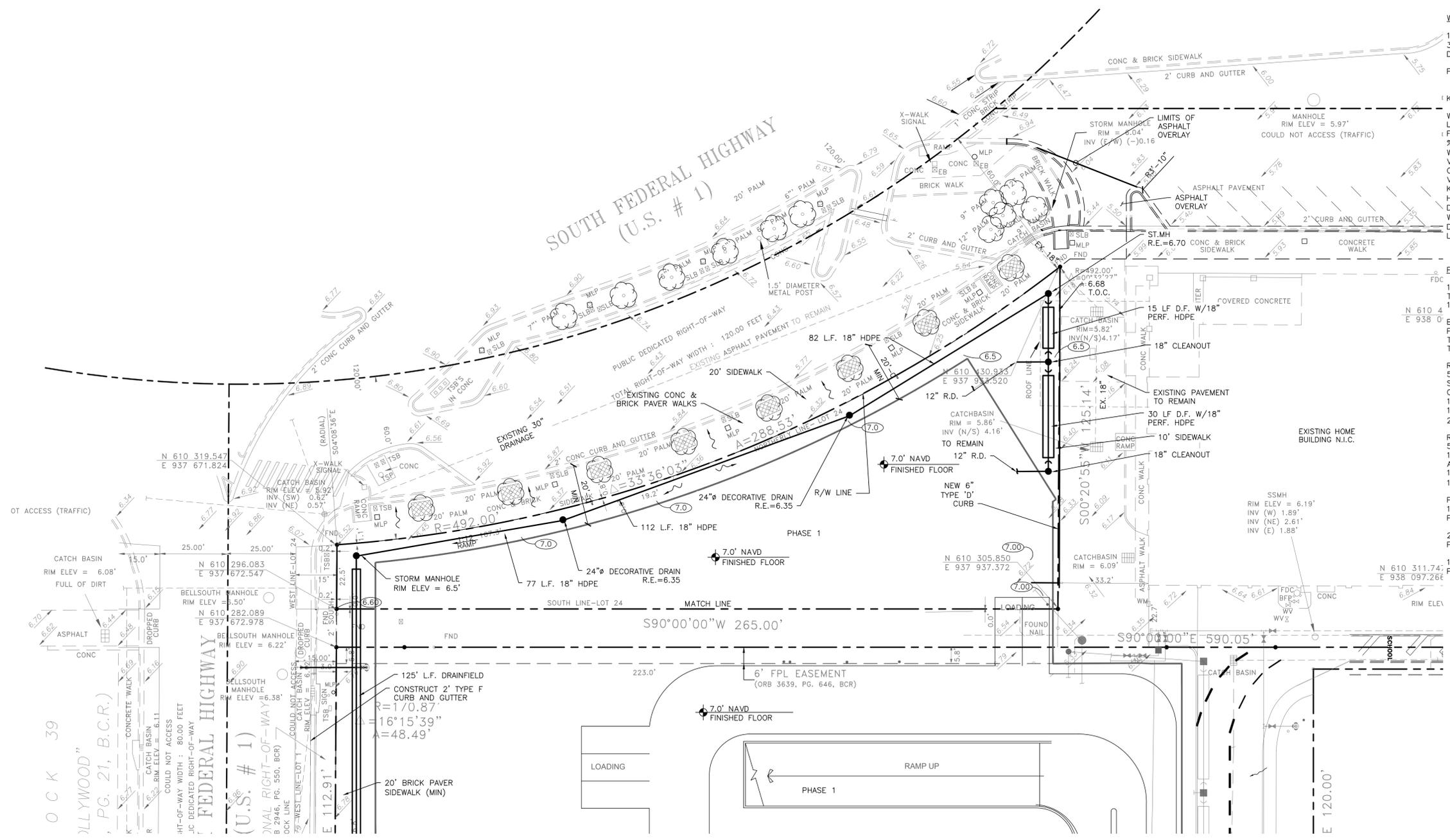
FINAL TAC	8/12/19

drawing data:

PHASE 1 SOUTH & WEST TOWERS WATER AND SEWER PLAN

project number: #15197
 drawing scale: As Shown
 drawing date: 04/26/2018
 phase: Final TAC
 sheet number: **C-3**

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 3.50 AC.IN X 1/12 = 0.29 A.F. REQUIRED
 DRAINFIELDS DESIGN FOR 0.30 A.F. STORAGE

PHASE I DRAINFIELD CALCULATIONS:
 1. FORMULA:
 $L = \frac{FS[(2WQ)(V_{th}) + V_{th}]}{K(H_2W + 2D_uH_2 - D_u^2 + 2D_uH_2) + 1.39 \times 10^{-4}(W)D_u}$

WHERE:
 L = LENGTH OF DRAINFIELD REQUIRED
 FS = 2.0 (FACTOR OF SAFETY)
 2WQ = 50% (PERCENT REDUCTION IN REQUIRED WATER QUALITY VOLUME) - N/A
 V_{th} = VOLUME OF WQ TREATMENT PROVIDED IN ONE HOUR = 1.33ACRE X 2.5" - 0.28AC. - FT. = 3.33 V_{th} = 0.00 AC.-IN.
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 H₂ = 4.0 (HEAD ON SATURATED SURFACE) (4.5-0.5)
 D_u = 4.0 (UNSATURATED TRENCH DEPTH) (0.5-(-)0.5)
 W = 5.0 (WIDTH OF TRENCH)
 D_s = 1.0 (SATURATED TRENCH DEPTH) (0.46-(-)1.00)
 L = 257 L.F. REQUIRED, 266 L.F. PROVIDED

PHASE I PRE VS. POST DRAINAGE CALCULATIONS
 100 YEAR 24 HOUR RAINFALL = 13" X 1.359 (3 DAY)
 TOTAL SITE PRE POST
 1.40 AC. 57,792 S.F. 57,792 S.F.

BUILDING 30,127 S.F. 51,141 S.F.
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TOTAL IMPERVIOUS 57,329 S.F. 57,795 S.F.
TOTAL PERVIOUS 60,400 S.F. 0 S.F.

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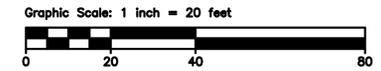
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NOTE:
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PAVING, GRADING AND DRAINAGE PLAN- PHASE 1
 SCALE 1" = 20'

LEGEND

	EXIST. MANHOLE		P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE		H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT ASSEMBLY		EXIST. PIPE
	PROP. CATCH BASIN		PROP. PIPE
	EXIST. CATCH BASIN		SURFACE FLOW LINE
	PROP. ELEVATION		REINFORCED CONC. PIPE
	EXIST. ELEVATION		DRAINFIELD
	LANDSCAPED		UTILITY EASEMENT
	NEW OR RESTORED PAVEMENT		SANITARY SEWER
	PAVEMENT TO BE REMOVED		RIM ELEVATION
	NEW CONCRETE SIDEWALK		INVERT ELEVATION AND DIRECTION
	EXIST.		(T) THERMOPLASTIC PAINT
			BSP BACTERIOLOGICAL SAMPLING POINT



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project info:

**Parc Place
 Phase 1
 North Tower**
 1740-1760 South Young Circle
 City of Hollywood, Florida

seal:

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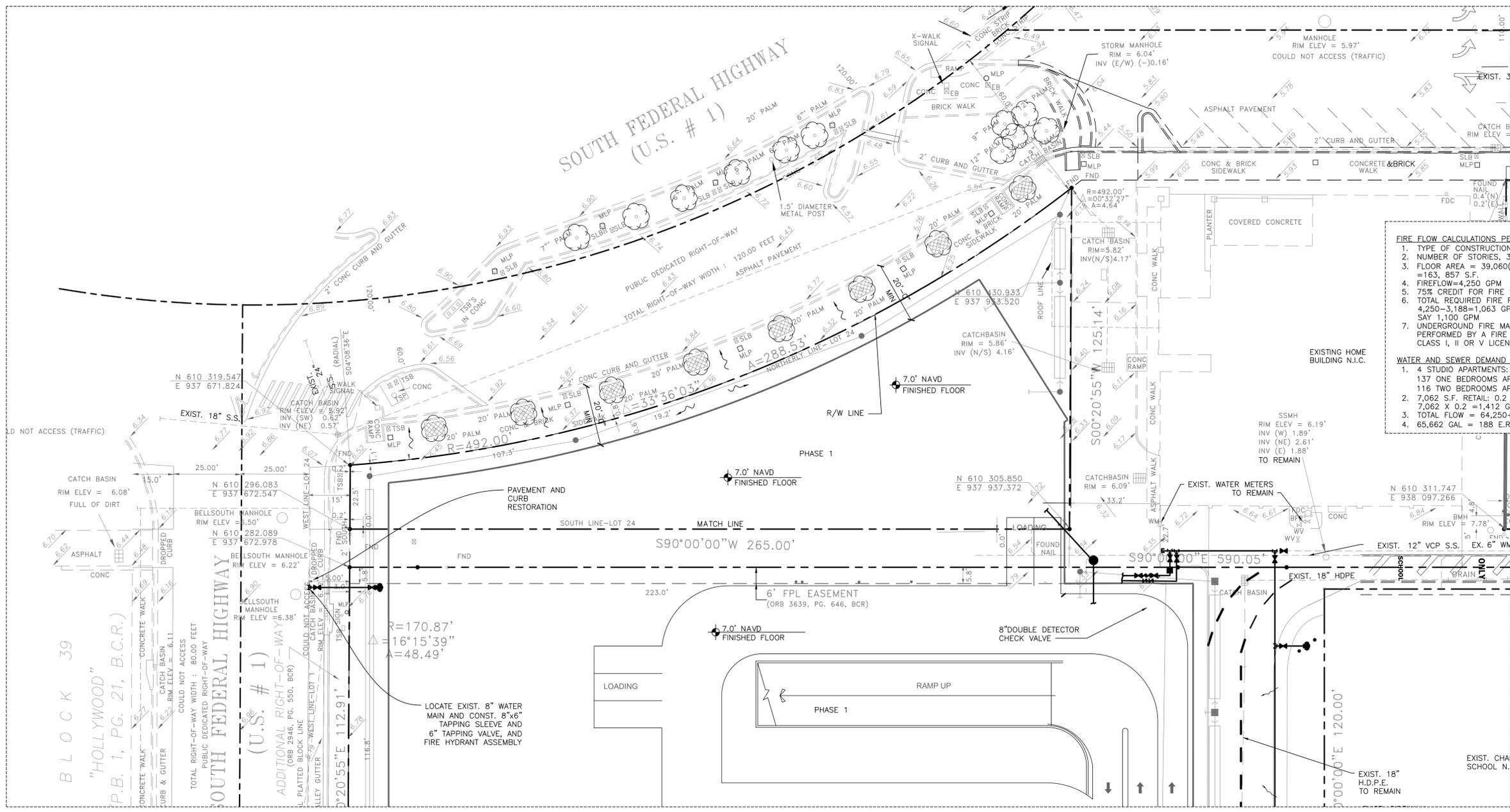
FINAL TAC	8/12/19

drawing data:

**PHASE 1
 NORTH TOWER
 PAVING,
 GRADING AND
 DRAINAGE PLAN**

project number: #15197
 drawing scale: As Shown
 drawing date: 04/26/2018
 phase: Final TAC
 sheet number: C-4

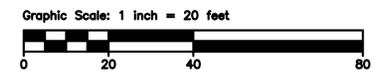
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WATER AND SEWER PLAN - PHASE 1
 SCALE 1"=20'

LEGEND

	EXIST. MANHOLE		P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE		H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT ASSEMBLY		EXIST. PIPE
	PROP. CATCH BASIN		PROP. PIPE
	EXIST. CATCH BASIN		SURFACE FLOW LINE
	PROP. ELEVATION		R.C.P. REINFORCED CONC. PIPE
	EXIST. ELEVATION		D.F. DRAINFIELD
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	NEW OR RESTORED PAVEMENT		S.S. SANITARY SEWER
	PAVEMENT TO BE REMOVED		R.E. RIM ELEVATION
	NEW CONCRETE SIDEWALK		I.E. INVERT ELEVATION AND DIRECTION
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 STATE OF FLORIDA

DATE:
 LOUIS BERGER Job # 2042049

FIRE FLOW CALCULATIONS PER N.F.P.A. I

- TYPE OF CONSTRUCTION: NONCOMBUSTIBLE, TYPE II (222)
- NUMBER OF STORIES: 3 CONSECUTIVE
- FLOOR AREA = 39,060(PH 2)+ 15,559(PH 3)=54,619 X 3 = 163, 857 S.F.
- FIREFLOW=4,250 GPM
- 75% CREDIT FOR FIRE SPRINKLER: 3,188
- TOTAL REQUIRED FIRE FLOW= 4,250-3,188=1,063 GPM SAY 1,100 GPM
- UNDERGROUND FIRE MAIN CONSTRUCTION MUST BE PERFORMED BY A FIRE PROTECTION CONTRACTOR HOLDING A CLASS I, II OR V LICENSE PER F.S.635.102.

WATER AND SEWER DEMAND CALCULATION

- 4 STUDIO APARTMENTS: 250 GAL/DAY
- 137 ONE BEDROOMS APARTMENTS: 250 GAL/DAY
- 116 TWO BEDROOMS APARTMENTS: 250 GAL/DAY
- 7,062 S.F. RETAIL: 0.2 GAL/DAY/S.F.
- 7,062 X 0.2 = 1,412 GPD FLOW
- TOTAL FLOW = 64,250+ 1,412 = 65,662 GPD
- 65,662 GAL = 188 E.R.C.'S

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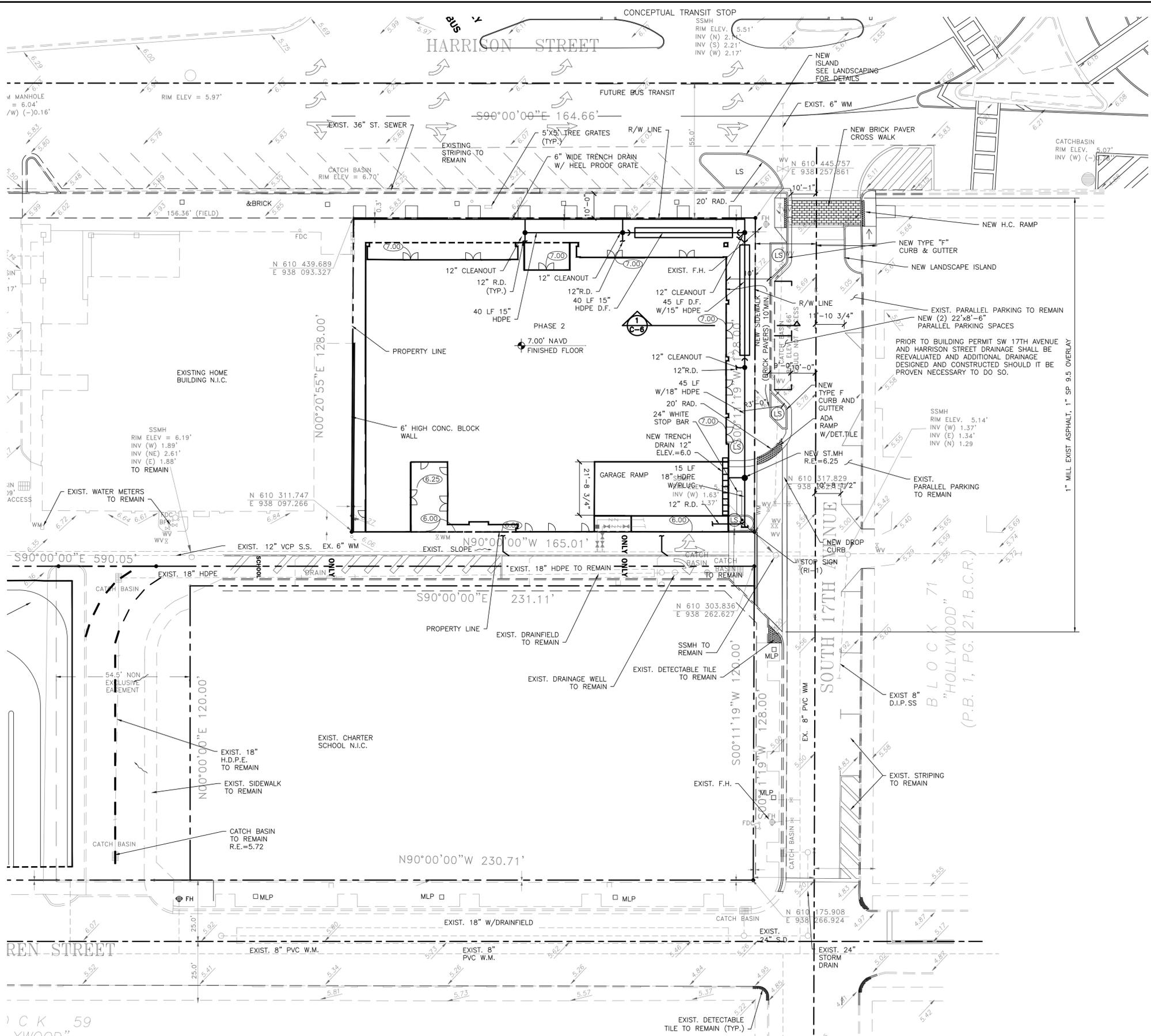
drawing data :

PHASE 1
NORTH TOWER
WATER AND
SEWER PLAN

project number : #15197
 drawing scale : As Shown
 drawing date : 04/26/2018
 phase : Final TAC
 sheet number : C-5

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WATER QUALITY CALCULATION
 4.83 ACRE SITE 2.5" = 1.21 AC.IN.
 1.21 AC.IN = 0.10 A.F. REQUIRED
 DRAINFIELDS DESIGN FOR 0.10 A.F. STORAGE

PHASE II DRAINFIELD CALCULATIONS:
 1. FORMULA:
 $ES[(\%WQ)(V_{wq}) + V_{wq}]$
 $K(H_2W + 2D_2H_2 - D_2^2 + 2D_2H_2) + 1.39 \times 10^{-4}(W)D_2$

WHERE:
 L = LENGTH OF DRAINFIELD REQUIRED
 FS = 2.0 (FACTOR OF SAFETY)
 %WQ = 50% (PERCENT REDUCTION IN REQUIRED WATER QUALITY VOLUME) - N/A
 V_{wq} = VOLUME OF WQ TREATMENT PROVIDED IN ONE HOUR = 4.83ACRE X 2.5"/12" = 0.11AC. - FT. = 1.21 AC.-IN.
 V_{in} = 0.00 AC.-IN.
 K = 2.75X10⁻⁴ CFS/FT² (HYDRAULIC CONDUCTIVITY)
 H₂ = 3.75 (HEAD ON SATURATED SURFACE) (4.5-0.5)
 D₂ = 3.75 (UNSATURATED TRENCH DEPTH) (0.5-(-)0.5)
 W = 6.0 (WIDTH OF TRENCH)
 D_s = 1.0 (SATURATED TRENCH DEPTH) (0.46-(-)1.00)
 L = 80 L.F. REQUIRED, 85 L.F. PROVIDED

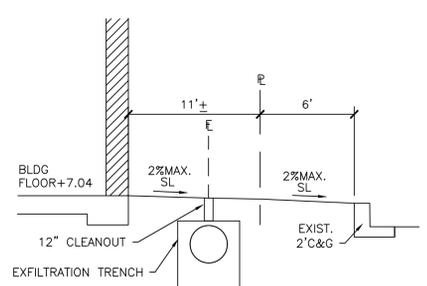
PHASE II PRE VS. POST DRAINAGE CALCULATIONS

100 YEAR 24 HOUR RAINFALL=13"x1.359(3 DAY)		
TOTAL SITE	PRE	POST
0.483 AC.	21,098 S.F.	21,098 S.F.

BUILDING
 PAVEMENT/WALKS 1,641 S.F. 17,532 S.F.
 TOTAL IMPERVIOUS 22,823 S.F. 21,044 S.F.
 TOTAL PERVIOUS 0 S.F. 100 S.F.

RUNOFF CALCULATIONS - PRE 100 YEAR RAINFALL
 21,098 S.F. = 0.483 ACRE
 0.483 ACRE X 12" = 5.81 AC-IN
 5.81 AC-IN X 1.359 = 7.8931 AC-IN
 7.8931 X 1/2 = 0.66 A.F. RUNOFF

RUNOFF CALCULATIONS - POST 100 YEAR RAINFALL
 21,098 S.F. = 0.483 ACRE
 0.483 ACRE X (12"-2.5"(DRAINFIELD)) = 4.598 AC-IN
 4.598 AC-IN X 1.359 = 6.2487 AC-IN
 6.2487 AC-IN X 1/2 = 0.52 A.F. RUNOFF



LEGEND

	EXIST. MANHOLE	P.V.C.	POLYVINYL CHLORIDE
	EXIST. GATE VALVE	H.D.P.E.	HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT ASSEMBLY	---	EXIST. PIPE
	PROP. CATCH BASIN	---	PROP. PIPE
	EXIST. CATCH BASIN	---	SURFACE FLOW LINE
	PROP. ELEVATION	R.C.P.	REINFORCED CONC. PIPE
	EXIST. ELEVATION	D.F.	DRAINFIELD
	UTILITY EASEMENT	S.S.	SANITARY SEWER
	SANITARY SEWER	R.E.	RIM ELEVATION
	NEW OR RESTORED PAVEMENT	I.E.	INVERT ELEVATION AND DIRECTION
	PAVEMENT TO BE REMOVED	(T)	THERMOPLASTIC PAINT
	NEW CONCRETE SIDEWALK	BSF	BACTERIOLOGICAL SAMPLING POINT
	EXISTING		

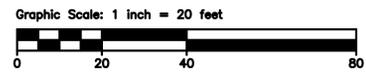
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RODRIGO MAZUERA, P.E.
 LICENSED ENGINEER NO. 68430
 STATE OF FLORIDA

DATE:
 LOUIS BERGER Job # 2042049

PAVING, GRADING AND DRAINAGE PLAN - PHASE 2
 1. SEE SHEET C1A & C2 FOR REQUIREMENTS IN VAN BUREN ST.
 SCALE 1"=20'

NOTE:
 BROWARD COUNTY DEPARTMENT OF GROWTH MANAGEMENT AND ENVIRONMENTAL PROTECTION REQUIRES WATER QUALITY CALCULATIONS ONLY FOR SITES LESS THAN 1.0 ACRE IMPERVIOUS. 80% OF SITE IS COVERED BY BUILDING. ROOF RUNOFF IS DIRECTED UNDERGROUND TO INFILTRATION TRENCHES. THE EXISTING SITE DRAINS 100% INTO PUBLIC R/W.



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 City of Hollywood, Florida

seal :

ROBERT K. MORISSETTE, AIA, NCARB, LEED AP BD+C, COP
 FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

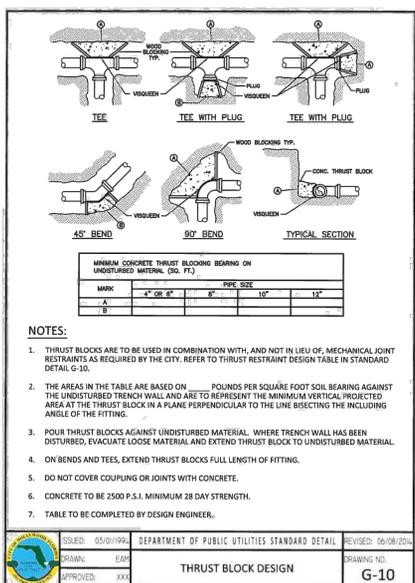
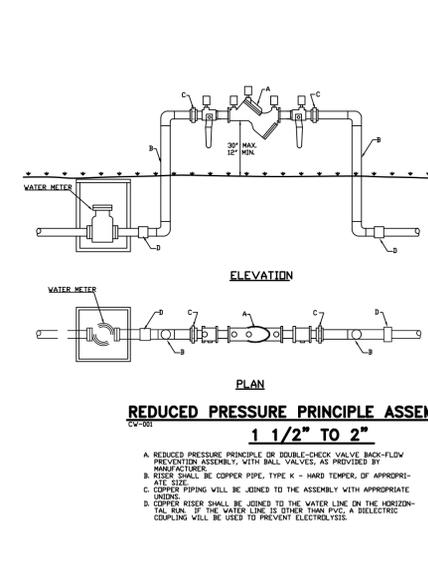
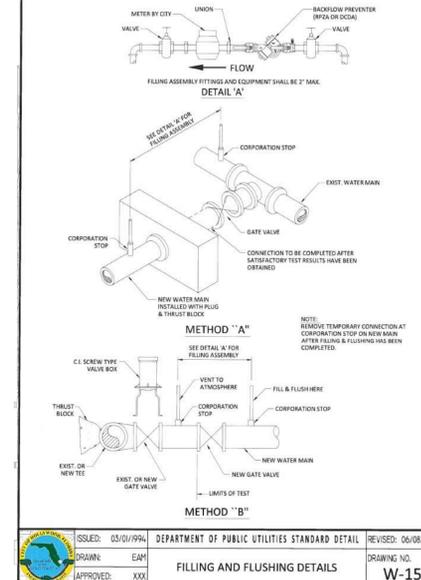
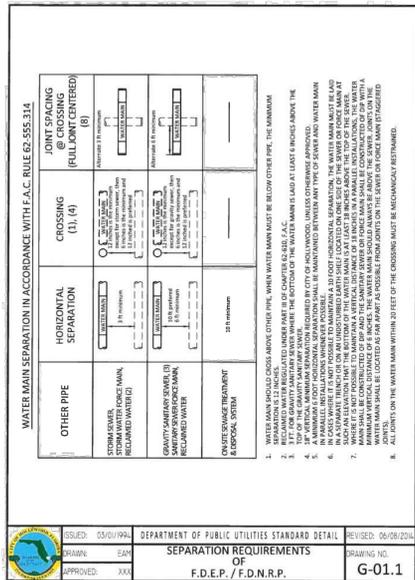
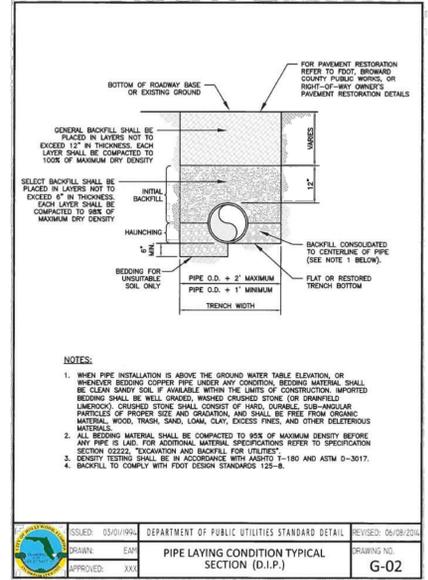
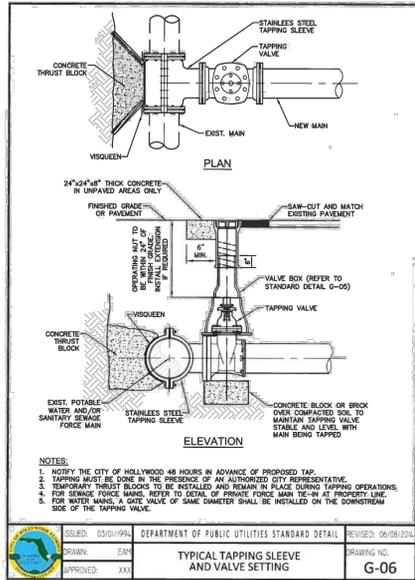
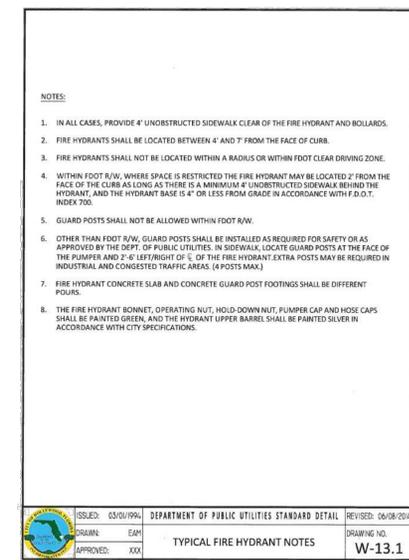
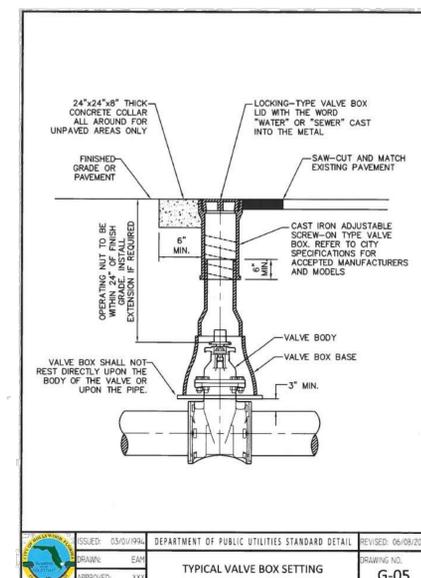
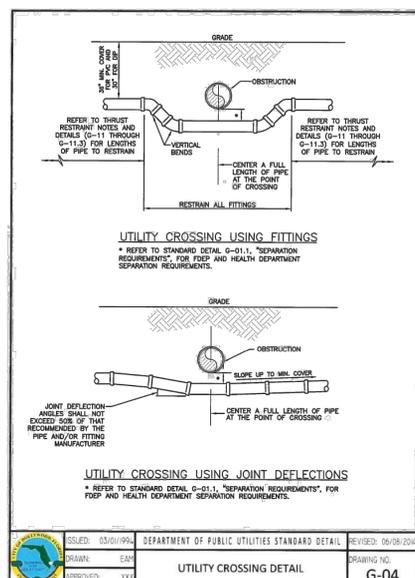
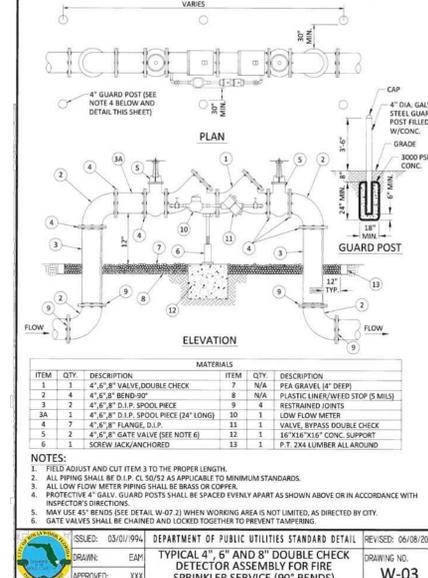
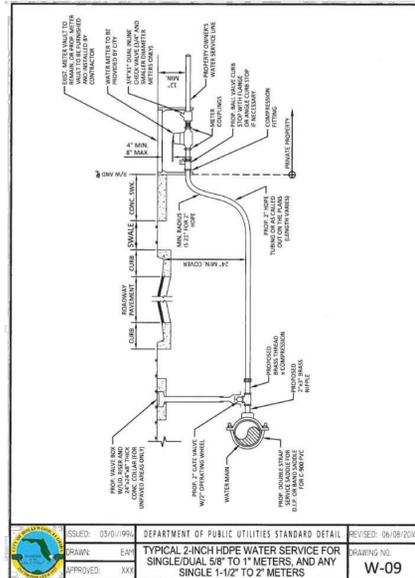
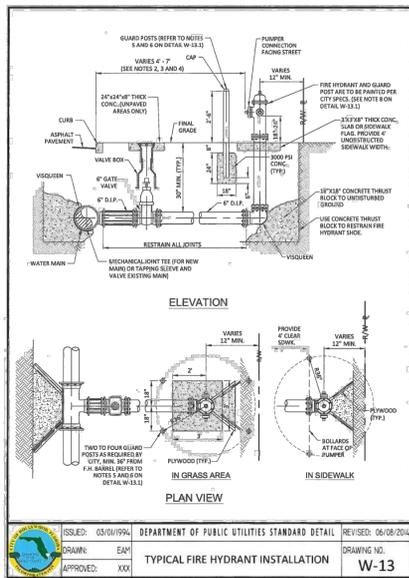
FINAL TAC	8/12/19
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drawing data :

PHASE 2 EAST TOWER PAVING, GRADING AND DRAINAGE PLAN

project number : #15197
drawing scale : As Shown
drawing date : 04/26/2018
phase : Final TAC
sheet number : C-6

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DATE:
LOUIS BERGER Job # 2042049

WATER DETAILS
SCALE: N.T.S.

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FLORIDA REGISTERED ARCHITECT # AR 93259

revisions:

FINAL TAC	8/12/19

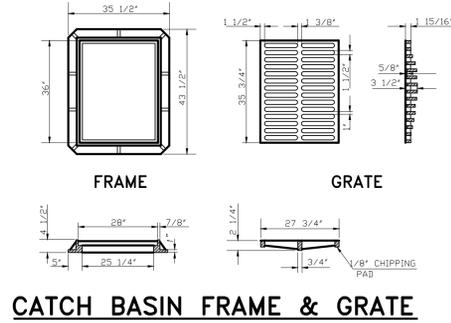
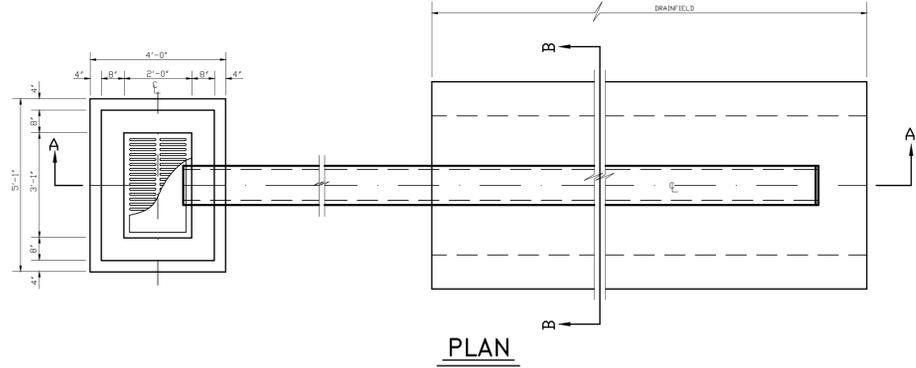
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WATER DETAILS

project number: #15197
drawing scale: As Shown
drawing date: 04/26/2018
phase: Final TAC
sheet number: C-8

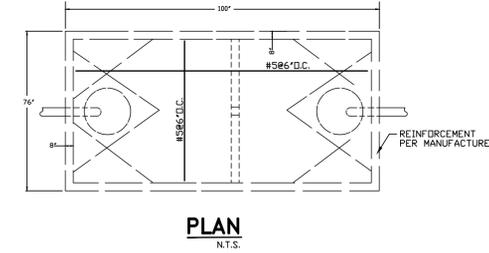
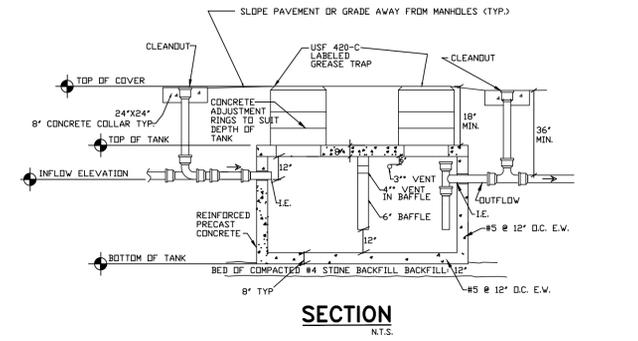
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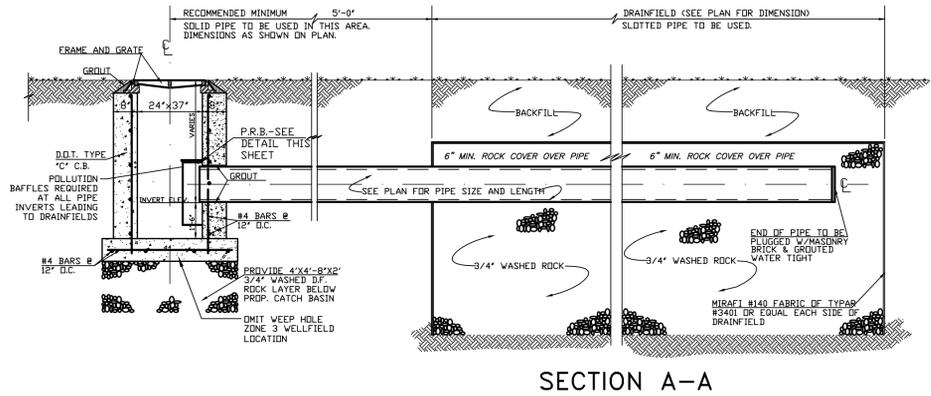


CATCH BASIN FRAME & GRATE

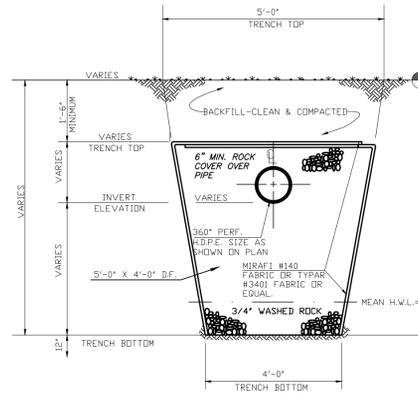
- NOTES:
1. MIN. FRAME WEIGHT 335 POUNDS.
 2. MIN. GRATE WEIGHT 250 POUNDS.
 3. U.S. FOUNDRY DRAWING #4153-6210 OR EQUIVALENT.
 4. MIN. WHEEL LOAD CAPACITY = 16000 LBS.



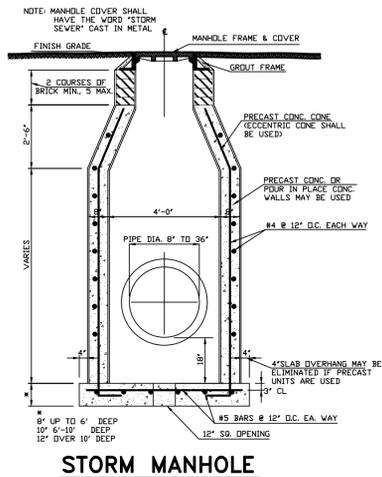
PRECAST 1,000 GALLON CONCRETE OIL & SAND SEPARATOR



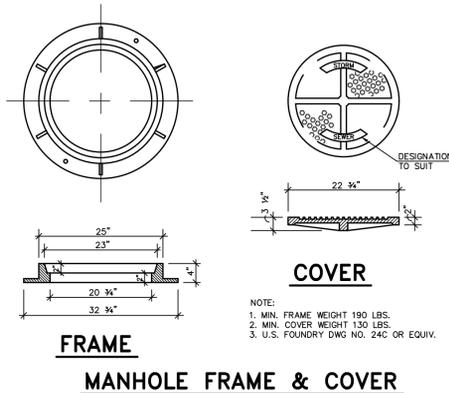
TYPICAL CATCH BASIN WITH DRAINFIELD



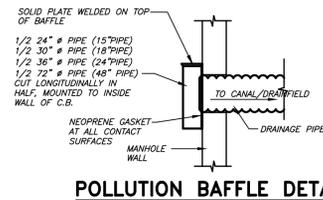
SECTION B-B



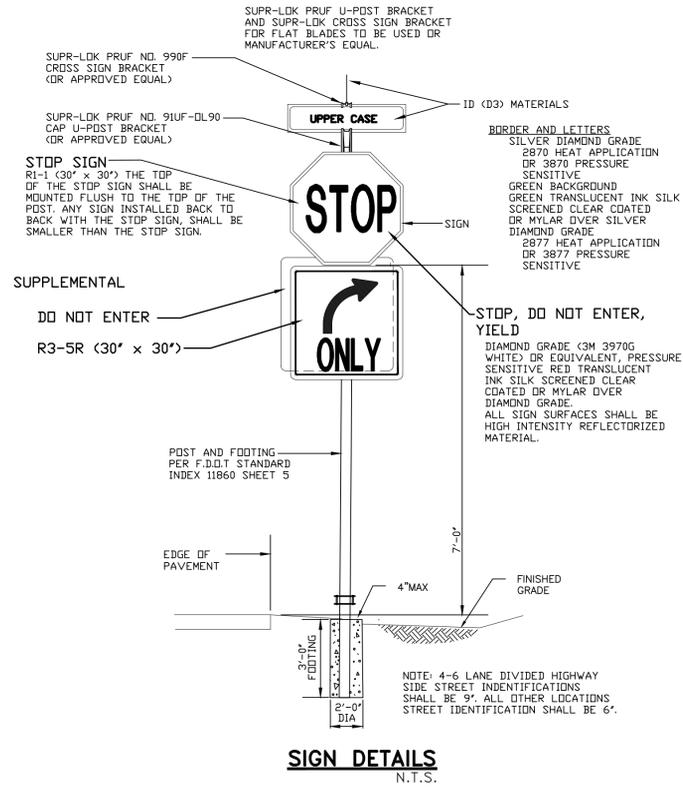
STORM MANHOLE



MANHOLE FRAME & COVER



POLLUTION BAFFLE DETAIL



SIGN DETAILS

PAVING, GRADING AND DRAINAGE DETAILS

SCALE N.T.S.

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 City of Hollywood, Florida

seal :

ROBERT K. MORSETTE, AIA, NCARB, LEED AP BD+C, CDP
 FLORIDA REGISTERED ARCHITECT # AR 93259

revisions :

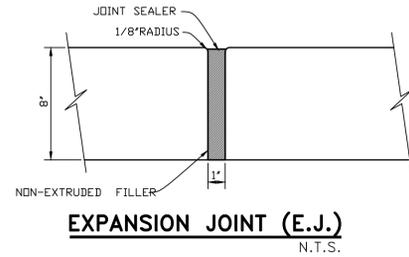
FINAL TAC	8/12/19
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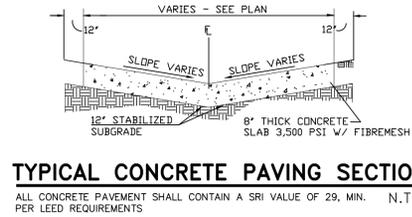
PAVING, GRADING AND DRAINAGE DETAILS

project number :	#15197
drawing scale :	As Shown
drawing date :	04/26/2018
phase :	Final TAC
sheet number :	C-9

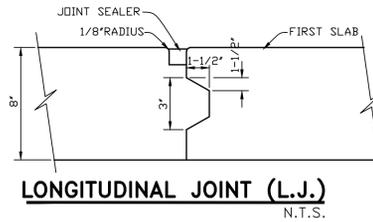
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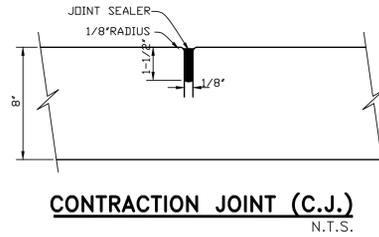
EXPANSION JOINT (E.J.)
N.T.S.



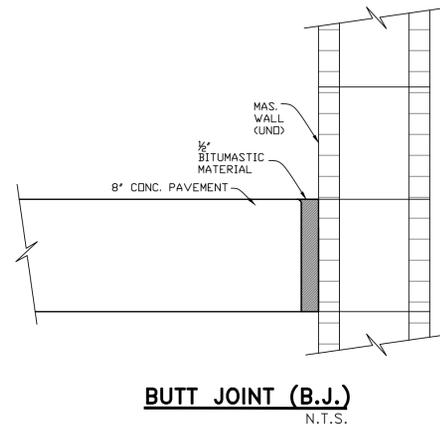
TYPICAL CONCRETE PAVING SECTION
ALL CONCRETE PAVEMENT SHALL CONTAIN A SRI VALUE OF 29, MIN. N.T.S. PER LEED REQUIREMENTS



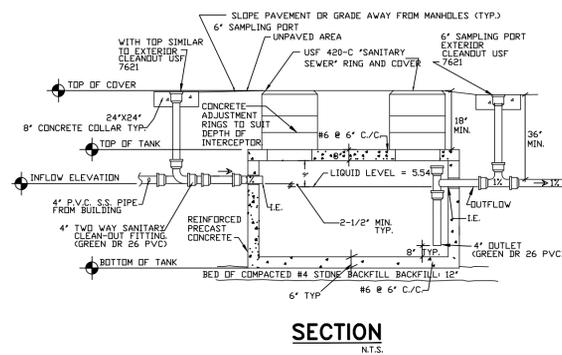
LONGITUDINAL JOINT (L.J.)
N.T.S.



CONTRACTION JOINT (C.J.)
N.T.S.



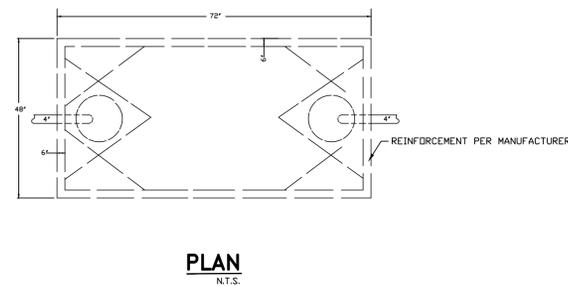
BUTT JOINT (B.J.)
N.T.S.



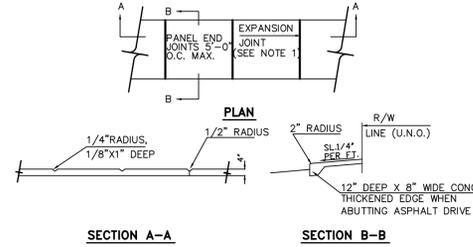
PRECAST 750 GALLON CONCRETE GREASE INTERCEPTOR TANK
N.T.S.

CATEGORY 4, 750 GAL. TANK
6\"/>

CONTRACTOR SHALL SUBMIT PROPOSED GREASE INTERCEPTOR INSTALLATION PLANS AND SPECIFICATIONS TO LOCAL AUTHORITIES FOR THEIR APPROVAL BEFORE ACQUISITION OF INTERCEPTOR. PROVIDE INTERCEPTOR WITH ADEQUATE STRUCTURAL STRENGTH TO ACCOMMODATE VEHICULAR TRAFFIC AT INSTALLATION LOCATION. PROVIDE TANK WITH MINIMUM 1250 GALLON CAPACITY OR LARGER IF REQUIRED BY LOCAL AUTHORITIES - VERIFY.

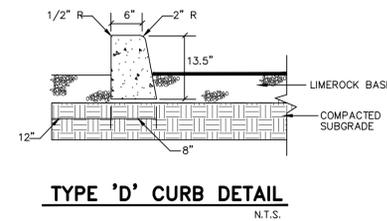


PLAN
N.T.S.



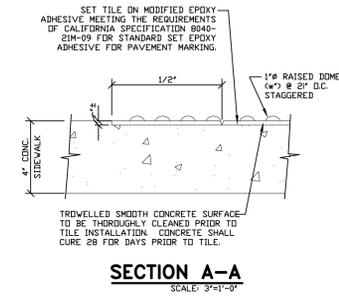
SECTION A-A
SECTION B-B
SIDEWALK DETAILS
N.T.S.

- NOTES:
1. EXPANSION JOINT SHALL BE 1/2" WITH NON RISING PRE-MOLDED MASTIC TO RUN THE FULL DEPTH OF SLAB, 30'-0" O.C.(MAX.) AND AT EXISTING CONCRETE.
 2. CONCRETE IS TO HAVE TRANSVERSE BROOM FINISH. (U.N.C.)
 3. 2500 P.S.I., 28 DAY MINIMUM CONCRETE TO BE USED.
 4. TOP OF EXPANSION JOINT SHALL BE DEPRESSED 1/2" FROM GRADE OF ABUTTING CONCRETE.
 5. SIDEWALK TO BE 6" THICK AT DRIVEWAYS.

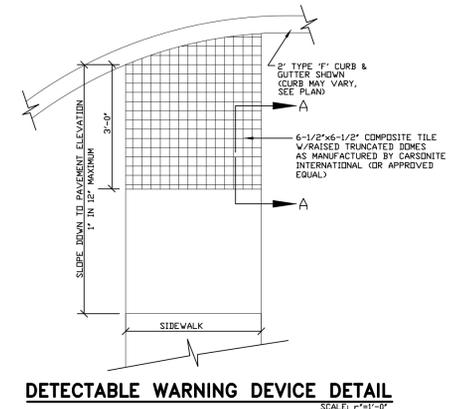


TYPE 'D' CURB DETAIL
N.T.S.

1. ALL CURBING SHALL BE D.O.T. TYPE 'D' INDEX 300 WITH 10" O.C. CONTROL JOINTS & 3000 P.S.I. CONCRETE.



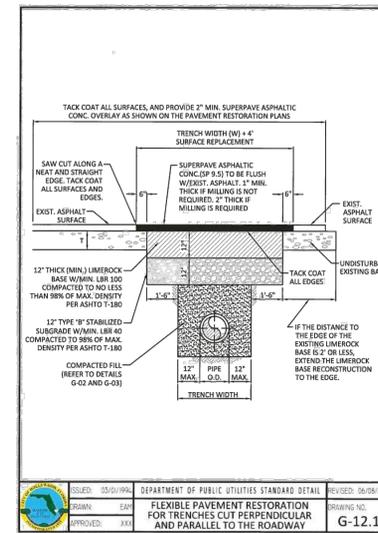
SECTION A-A
SCALE: 3/4"=1'-0"



DETECTABLE WARNING DEVICE DETAIL
SCALE: 1/4"=1'-0"

- NOTES:
1. TILE TO BE D.O.T. STYLE AND MANUFACTURE YELLOW IN COLOR.
 2. CONTRACTOR SHALL FOLLOW MANUFACTURERS GUIDE LINES FOR INSTALLATION.
 3. TILE SHALL BE A FIBER REINFORCED POLYMER BONDED COMPOSIT CAPABLE OF WITHSTANDING TRAFFIC LOADING.

H.C. DETECTABLE WARNING SIDEWALK DETAIL



RESTORATION OF PAVEMENT
N.T.S.

DESIGNED BY: 25010994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 24/08/2014
DRAWN BY: 244	FLEXIBLE PAVEMENT RESTORATION FOR TRENCHES CUT PERPENDICULAR AND PARALLEL TO THE ROADWAY	DRAWING NO: G-12.1
APPROVED BY: 214		

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PAVING, GRADING AND DRAINAGE DETAILS

SCALE N.T.S.

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FLORIDA REGISTERED ARCHITECT # AR 932359

revisions :

FINAL TAC	8/12/19
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drawing data :

**PAVING,
GRADING AND
DRAINAGE
DETAILS**

project number :

#15197

drawing scale :

As Shown

drawing date :

04/26/2018

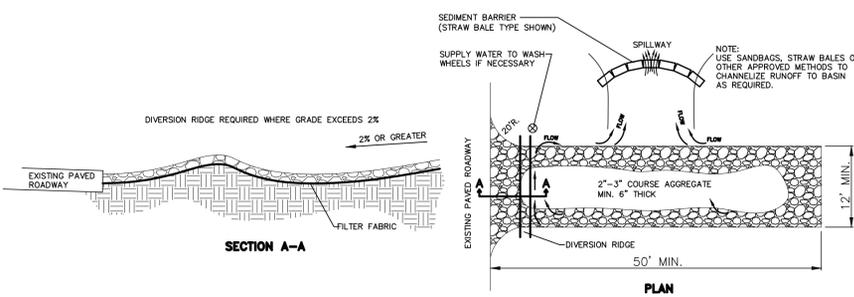
phase :

Final TAC

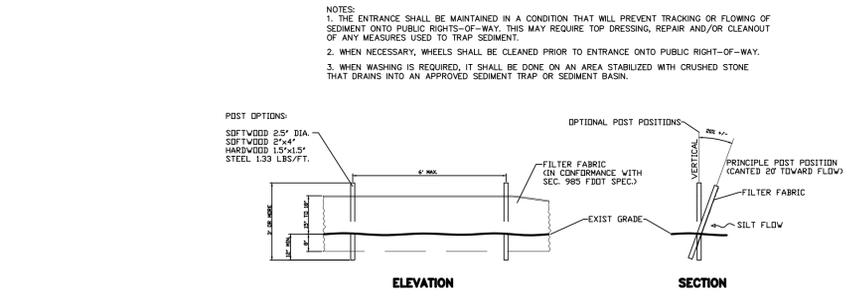
sheet number :

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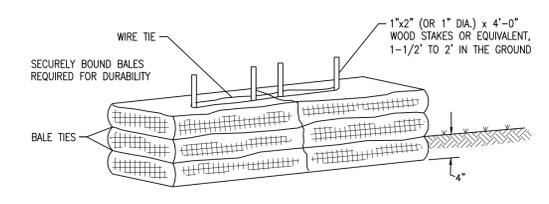


TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



TYPE III SILT FENCE

ALL EXISTING C.B. TO REMAIN SHALL HAVE FILTER FABRIC INSTALLED AND SECURELY FASTENED UNDER THE EXISTING GRATE TO PREVENT EROSION DEBRI FROM ENTERING SYSTEM. FABRIC SHALL BE CHECKED DAILY FOR RIPS OR TEARS AND REPLACED AS NECESSARY.



TEMPORARY SYNTHETIC BALE OR BALE TYPE BARRIER

RECORD INFORMATION - WATER

- THE FOLLOWING RECORD INFORMATION SHALL BE PROVIDED BY THE CONTRACTOR AND PREPARED BY A REGISTERED LAND SURVEYOR:
- "AS BUILT" DISTANCE OF WATER MAIN FROM PROPERTY LINE, BASE LINE, OR OTHER EASILY IDENTIFIABLE ITEM.
 - DISTANCE BETWEEN ALL FITTINGS AND VALVES, SERVICE LINES, BLOW-OFFS, FIRE HYDRANTS, SERVICE LINE TAP & END, ETC.
 - ELEVATION TOP OF PIPE AT 50 FOOT INTERVALS, AND AT ALL FITTINGS AND VALVES, AND FINISHED GRADE ELEVATIONS AT THE SAME POINTS ABOVE THE MAIN.
 - TYPE OF MATERIALS INSTALLED, INCLUDING LOCATIONS OF CHANGE OF MATERIAL DUE TO CONFLICTS, ETC.
 - "AS BUILT" SKETCHES OF ALL CONFLICTS INCLUDING, BUT NOT LIMITED TO, WATER MAIN CROSSING SEWER MAIN AND WATER MAIN CROSSING STORM DRAINAGE PIPES.
 - PROVIDE 1 SET OF MYLARS, 1 SET OF PAPER PRINTS AND 1 CERTIFIED VIRUS FREE ELECTRONIC VERSION IN CD.
 - PROVIDE LEGAL DESCRIPTION AND SKETCH OF ALL NEW UTILITY EASEMENTS.

FIELD OBSERVATIONS - WATER

- AS REQUIRED BY PERMIT CONDITIONS AND/OR THE OWNER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD 48 HOURS IN ADVANCE TO OBSERVE THE FOLLOWING:
- WATER MAIN TRENCH PRIOR TO BACKFILL.
 - PIPE JOINTS PRIOR TO BACKFILL.
 - THRUST BLOCK LOCATIONS PRIOR TO BACKFILL.
 - CONNECTIONS TO EXISTING WATER MAINS.
 - CONFLICTS WITH OTHER UNDERGROUND UTILITIES PRIOR TO BACKFILL.
 - REMOVAL OF EXISTING WATER MAINS.
 - WATER MAIN PRESSURE TEST.
 - FINAL OBSERVATION AT JOB COMPLETION.
 - A MINIMUM OF ONE FIELD OBSERVATION BY THE ENGINEER OF RECORD IS REQUIRED NEAR THE COMPLETION OF THE PAVING, GRADING AND DRAINAGE SYSTEM AND PRIOR TO OCCUPANCY, FOR DETERMINING GENERAL PERFORMANCE OF THE DESIGN.

THRUST RESTRAINT NOTES:

- ALL JOINTS BETWEEN BENDS AT HORIZONTAL & VERTICAL OFFSETS SHALL BE RESTRAINED.
- MECHANICAL THRUST RESTRAINTS FOR DIP, FITTINGS OR D.I.P. OR P.V.C. PIPE SHALL BE MESSALUS 40 MANUFACTURED BY ESKA IRON, INC. OR APPROVED EQUAL.
- DUCTILE IRON FITTINGS UP TO 20-INCHES IN DIAMETER SHALL BE RESTRAINED BY MECHANICAL MEANS, I.E., MESSALUS OR APPROVED EQUAL.
- DUCTILE IRON FITTINGS 24-INCH IN DIAMETER AND ABOVE SHALL BE RESTRAINED BY MECHANICAL MEANS, I.E., MESSALUS OR APPROVED EQUAL, WITH THE ADDITION OF THRUST BLOCKS AND CONCRETE ANCHORS AT THE DISCRETION OF THE ENGINEER OF RECORD.
- ANY THRUST BLOCKS AND ANCHORS ARE TO BE DESIGNED BY THE ENGINEER OF RECORD. SIGNED AND SEALED CALCULATIONS SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO INSTALLATION.
- THRUST BLOCKS CONSISTING OF POUR-IN-PLACE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AFTER 28 DAYS.

ISSUED: 05/01/19	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EMT	JOINT RESTRAINT DESIGN FOR PVC AND DIP	DRAWING NO. G-11
APPROVED: XXX	THRUST RESTRAINT NOTES	

WATER MAIN DISTRIBUTION

WATER SYSTEM NOTES:

- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED SEWER OR STORM MAIN SHALL BE INSTALLED IN CONFORMANCE WITH ANS.I./A.W.W.A. C-900-97, AND A.S.T.M. D2241 AND D1869, LATEST REVISIONS. ALL WATER MAINS NOTED D.I.P. SHALL BE DUCTILE IRON PIPE IN COMPLIANCE WITH ANS.I./A.W.W.A. C151-05.
- ALL FITTINGS AND VALVES SHALL BE CLASS 150 CAST IRON WITH MECHANICAL JOINTS IN CONFORMANCE WITH ANS.I./A.W.W.A. C110-03/ A2110-03, C114/AS111-00, C500-02, C104-02/ A211-03, C500-05, C504-00, C506-93, C509-01.
- AFTER SUCCESSFUL PRESSURE TEST, THE MAIN SHALL BE FLUSHED AND DISINFECTED PER ANS.I./A.W.W.A. C651-05. MINIMUM TEST PRESSURE = 150 P.S.I. FOR ALL PRESSURE PIPE FOR TWO HOURS.
- THE CONTRACTOR SHALL PERFORM THE TEST PRIOR TO CONSTRUCTION OF THE BASE IN PAVED LOCATIONS.
- DURING CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO HAVE A REGISTERED LAND SURVEYOR DEVELOP RECORD DRAWINGS OF ALL INSTALLATIONS AND UPON COMPLETION SAID DRAWINGS SHALL BE SUBMITTED TO THIS ENGINEER. RECORD INFORMATION TO BE PAID FOR BY THE CONTRACTOR.
- ALL INSTALLATIONS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARDS OF THE CITY OF HOLLYWOOD, AND ANS.I./A.W.W.A. C600-05, LATEST REVISIONS.
- THE CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAGS. ALL PRECAUTIONS NECESSARY TO AVOID DISTURBING SURVEY MARKERS DURING CONSTRUCTION.
- ALL UNSUITABLE MATERIAL SUCH AS MUCK, MUD, AND DEBRIS SHALL BE REMOVED FROM THE LIMITS OF CONSTRUCTION, AND DISPOSED OF AT A LOCATION TO BE SELECTED BY THE ARCHITECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE PLANS. CONTRACTOR SHALL CALL CITY OF HOLLYWOOD ENGINEERING & UTILITIES DEPARTMENT, P.A.S.L., S.B.T.&T., ALL UTILITIES INVOLVED PRIOR TO THE START OF CONSTRUCTION. ADDITIONAL UTILITIES LOCATED SHALL BE SHOWN IN RECORD DRAWINGS.
- A PRE-CONSTRUCTION MEETING SHALL BE ARRANGED BY THE CONTRACTOR PRIOR TO STARTING ANY WORK. THIS ENGINEER, AND THE CITY OF HOLLYWOOD ENGINEERING REPRESENTATIVE PRESENT.
- THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATION OF ANY KIND THAT WILL COME UNDER THE PAVEMENT OR WITHIN 10 FEET OF ITS EDGES WILL BE INSTALLED AND ACCEPTED PRIOR TO CONSTRUCTION OF THE BASE. SUBMIT DENSITY TESTS OF COMPLETED BACKFILL WHERE WATER MAINS ARE LOCATED UNDER PAVEMENT. THE TEST SHALL COMMENCE AT THE TOP OF THE CONDUIT 12 INCHES TO THE BOTTOM OF THE BASE. BACKFILL SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO-1180. TESTS SHALL BE TAKEN AT 200 FEET INTERVALS.
- SIX COPIES OF SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THIS ENGINEER PRIOR TO INSTALLATION OR FABRICATION.
- POTABLE WATER SERVICE WILL BE PROVIDED BY CITY OF HOLLYWOOD UTILITIES. CONTRACTOR TO SUPPLY DRINKING WATER DURING CONSTRUCTION.
- POLYETHYLENE (PE) PRESSURE PIPE TUBING SHALL MEET THE REQUIREMENTS OF ANS.I./A.W.W.A. C901-02.
- 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 VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHENEVER POSSIBLE.
- WHERE SANITARY SEWER FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP MUST BE PROVIDED 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 12 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.
- ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIVALENT FROM THE POINT OF CROSSING PIPES CENTERED ON THE CROSSING.
- 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.
- A MINIMUM 10 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
- 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 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. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED AT DIP AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED AT 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 THE JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).
- ALL DIP SHALL BE CEMENT LINED CLASS 50 OR HIGHER. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY THE DESIGN.
- CLEARANCE REQUIREMENTS NOTED ABOVE APPLY TO STORM DRAINAGE AND WATER MAINS AS WELL.
- ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320, F.A.C.

WATER SYSTEM NOTES (CONTINUED):

- ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
- ALL P.V.C. PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANS.I./A.W.W.A. C900-05, LATEST REVISION AND CLASS 150. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PRESSURE CLASS 50L WITH WALL THICKNESS OF 0.250 INCHES. ALL P.V.C. PIPE SHALL BE 150 PSI WITH WALL THICKNESS OF 0.250 INCHES. ALL P.V.C. PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANS.I./A.W.W.A. C151-05 AND 20' LENGTH UNLESS OTHERWISE SPECIFIED PER ANS.I./A.W.W.A. C901-02.
- FITTINGS SHALL BE DUCTILE IRON, METRIC AND ANS.I./A.W.W.A. C151-05, LATEST REVISIONS, WITH 300 PSI MINIMUM WORKING PRESSURE. FITTINGS SHALL BE CERTIFIED UNDER AND LISTED PER ANS.I./A.W.W.A. C604-01. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.
- ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINT, WRAPPED IN POLY-ADHESIVE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
- PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
- ALL TRENCHING, PIPE LACING, BACKFILL, PRESSURE TESTING, AND DISINFECTION MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS.
- THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP OR 36" PVC).
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 5'.
- MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURER'S RECOMMENDATION (MAXIMUM) WHERE DEFLECTION IS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAIN PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO TABS UNDER CONCRETS WITH 2' MINIMUM EARTH SEPARATION. IN ADDITION, PARTIES SHALL BE DUE TO CONTRACTOR FOR COVERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASEA 3488. TWO JOINT RESTRAINTS SHALL BE PROVIDED AT EACH POINT 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 ESKA IRON, INC., MESSALUS OR APPROVED EQUAL. JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS PER FITTING FROM ANY FITTING.
- 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 SHIELDING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO INSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR UNDERMINE ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, METHOD AND INSTALLATION OF SUCH CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

ISSUED: 05/01/19	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EMT	WATER SYSTEM NOTES	DRAWING NO. W-02
APPROVED: XXX		

WATER MAIN TESTING AND DISINFECTION NOTES:

- 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 HAS BEEN APPROVED BY THE CITY OF HOLLYWOOD AND THE BROWARD COUNTY HEALTH DEPARTMENT.
- THE PRESSURE TEST SHALL BE PERFORMED FOR 2 HOURS AT A CONSTANT PRESSURE OF 150 PSI AND IN ACCORDANCE WITH RULE 62-555.320(3)(C) AND RULE 62-555.320(3)(D). REVISIONS, EXCEPT AS OTHERWISE SPECIFIED HEREIN AND IN SPECIFICATION SECTION 1595, "PRESSURE TESTING AND DISINFECTION", 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:

$$L = 5.0 \times D^3 \times L$$

L = THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
 D = THE LENGTH OF PIPE BEING TESTED.
 L = THE NOMINAL DIAMETER OF THE PIPE BEING TESTED.
 P = THE AVERAGE TEST PRESSURE IN POUNDS PER SQUARE INCH.
- THE COMPLETE LENGTH OF THE PROPOSED WATER MAIN SHALL BE TESTED, IN LENGTHS NOT TO EXCEED 2,000 FEET PER TEST.
- PROPOSED WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE LATEST EDITION OF ANS.I./A.W.W.A. STANDARD C651-05 AND BACTERIOLOGICAL TESTS FOR TWO CONSECUTIVE DAYS IN ACCORDANCE WITH SPECIFICATION SECTION 1595, "PRESSURE TESTING AND DISINFECTION".
- BACTERIOLOGICAL TESTS SHALL BE REQUESTED AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL DIRECTLY HIRE A TESTING LABORATORY CERTIFIED BY THE FLORIDA DEPARTMENT OF HEALTH IN ORDER TO COLLECT AND TEST WATER SAMPLES FROM THE WATER DISTRIBUTION SYSTEM TO BE PLACED IN SERVICE. SAMPLE COLLECTION AND BACTERIOLOGICAL ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH RULES 62-555.3210, 62-555.340 AND 62-555.350 (F.A.C.) AS WELL AS ALL REQUIREMENTS OF THE BROWARD COUNTY HEALTH DEPARTMENT PERMIT.
- THE WATER DISTRIBUTION SYSTEM SHALL NOT BE CONSIDERED COMPLETE AND READY FOR FINAL INSPECTION UNTIL SUCCESSFUL TEST RESULTS ARE OBTAINED FOR ALL TESTS DESCRIBED ABOVE.

ISSUED: 05/01/19	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EMT	WATER MAIN TESTING AND DISINFECTION NOTES	DRAWING NO. W-14
APPROVED: XXX		

WATER METER SERVICE NOTES:

- SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER.
- P.V.C. TUBING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ANS.I. STANDARD C900, "POLYETHYLENE PIPE AND TUBING, 1/2" TO 12" DIAMETER, 150 PSI, DRIP OR DWV, FOR WATER SERVICE."
- MINIMUM SERVICE PIPE DIAMETER SHALL BE 1" FOR SINGLE OR DUAL 1/2" OR 1" DIAMETER METERS.
- MINIMUM SERVICE PIPE DIAMETER SHALL BE 2" FOR 1-1/2" OR 2" DIAMETER METERS.
- FOR METER DIAMETERS LARGER THAN 2", THE MINIMUM SERVICE PIPE DIAMETER SHALL BE THE SAME AS THE METER DIAMETER.
- APPROVED TYPE COPPER TUBING MAY BE USED AT THE CITY'S DISCRETION.
- FOR NEW METER INSTALLATIONS, ALL SADDLES, VALVES, SPRING FITTINGS, GLOBE STOP, METRE VALVES, METER COUPLINGS, METER VALVES AND COVERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- THE WATER METERS WILL BE PROVIDED BY THE CITY OF HOLLYWOOD AND INSTALLED BY THE CONTRACTOR.
- FOR METER RELOCATIONS, ALL SADDLES, VALVES, SPRING FITTINGS, GLOBE STOP, METRE VALVES, METER COUPLINGS, METER VALVES AND COVERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- THE EXISTING WATER METERS TO BE RELOCATED AND INSTALLED BY CONTRACTOR.
- FOR EXISTING METERS ABUTTING THE RIGHT-OF-WAY THAT ARE BEING DISCONNECTED FROM EXISTING MAINS AND RECONNECTED TO NEW MAINS, THE CONTRACTOR SHALL:
 a. CUT AND PILE THE EXISTING SERVICE LINE AT THE MARK AND AT THE METRE, AND REGRADE THE EXISTING BALL VALVE CURB STOP.
 b. FURNISH AND INSTALL SADDLE, COPPERATION STOP OR SPRING VALVE AND VALVE BOX, PIPING AND FITTINGS UP TO AND INCLUDING THE BALL VALVE CURB STOP.
 c. THE ELEVATION AT THE TOP OF THE METER BOX SHALL MATCH THE ELEVATION OF THE BACK OF SODMANK.
- AS PART OF THE SERVICE INSTALLATION, THE CONTRACTOR SHALL RESTORE THE RIGHT-OF-WAY TO MATCH EXISTING CONDITIONS, INCLUDING ROADWAY PAVEMENT, PAVEMENT MARKINGS AND SIGNAL CONCRETE CURBS, SIDEWALKS, BARRIERS INCLUDING RECTANGULAR MARKING SURFACES, SODDING, AND ALL OTHER IMPROVEMENTS REMOVED OR DAMAGED DURING THE SERVICE INSTALLATION.
- FOR UNPAVED AREAS, THE MINIMUM GROUND COVER ACCEPTED BY THE CITY IS SODDING.

ISSUED: 05/01/19	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EMT	WATER METER SERVICE NOTES FOR 5/8" THROUGH 2" METERS	DRAWING NO. W-07
APPROVED: XXX		

GENERAL NOTES AND DETAILS

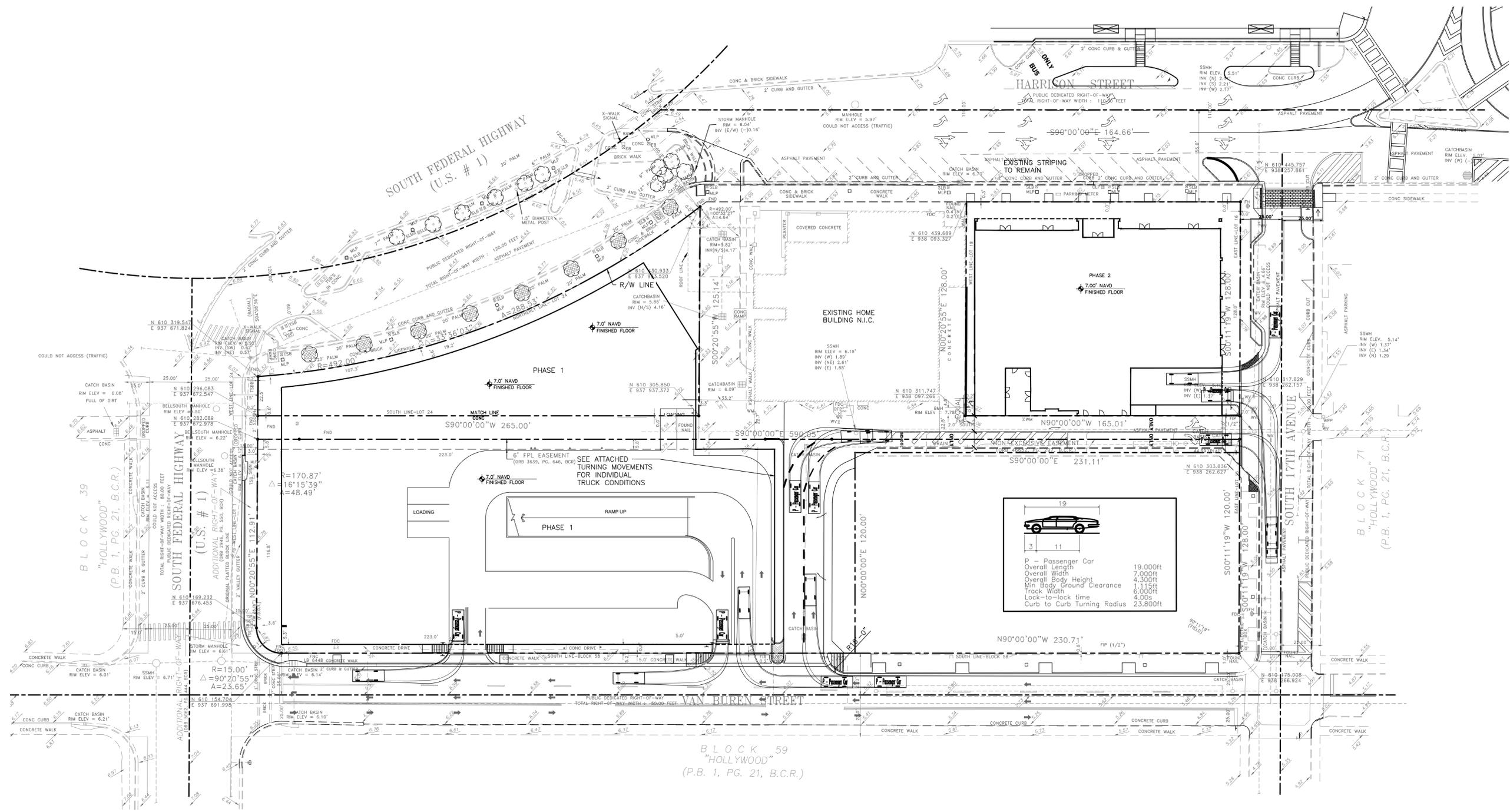
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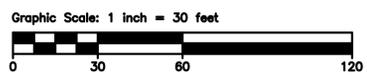
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PASSENGER CAR SIMULATION
SCALE 1"=30'



LEGEND

	EXIST. MANHOLE		P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE		H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT		EXIST. PIPE
	PROP. CATCH BASIN		PROP. PIPE
	EXIST. CATCH BASIN		SURFACE FLOW LINE
	PROP. ELEVATION		R.C.P. REINFORCED CONC. PIPE
	EXIST. ELEVATION		D.F. DRAINFIELD
	LANDSCAPED		U.E. UTILITY EASEMENT
	NEW OR RESTORED PAVEMENT		S.S. SANITARY SEWER
	PAVEMENT TO BE REMOVED		R.E. RIM ELEVATION AND DIRECTION
	NEW CONCRETE SIDEWALK		I.E. INVERT ELEVATION AND DIRECTION
	EXIST.		T THERMOPLASTIC PAINT
			BSP BACTERIOLOGICAL SAMPLING POINT

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DATE:
LOUIS BERGER Job # 2042049

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FLORIDA REGISTERED ARCHITECT # AR 932359

revisions :

FINAL TAC	8/12/19

drawing data :

PASSENGER CAR SIMULATION

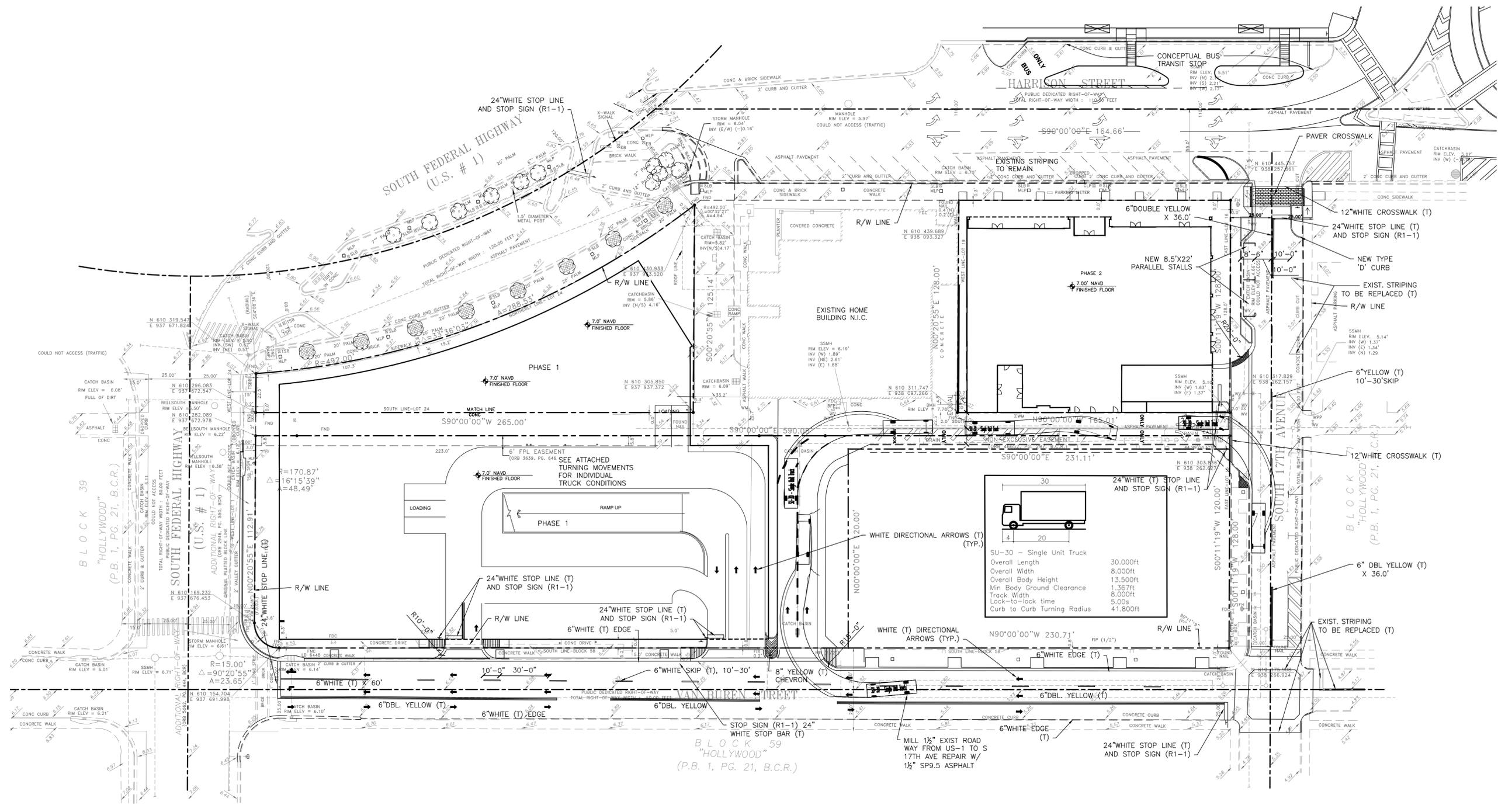
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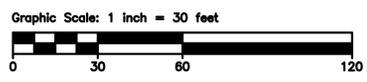
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**PAVEMENT MARKING AND SIGNAGE
SU30 TRUCK SIMULATION**

SCALE 1"=30'



LEGEND

	EXIST. MANHOLE		P.V.C. POLYVINYL CHLORIDE
	EXIST. GATE VALVE		H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
	EXIST. FIRE HYDRANT		EXIST. PIPE
	PROP. CATCH BASIN		PROP. PIPE
	PROP. ELEVATION		SURFACE FLOW LINE
	EXIST. CATCH BASIN		REINFORCED CONC. PIPE
	PROP. ELEVATION		DRAINFIELD
	EXIST. ELEVATION		UTILITY EASEMENT
	LANDSCAPED		SANITARY SEWER
	NEW OR RESTORED PAVEMENT		RIM ELEVATION
	PAVEMENT TO BE REMOVED		INVERT ELEVATION AND DIRECTION
	NEW CONCRETE SIDEWALK		THERMOPLASTIC PAINT
	EXIST.		BACTERIOLOGICAL SAMPLING POINT

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DATE:
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revisions :

FINAL TAC	8/12/19

drawing data :

**SU-30 TRUCK
SIMULATION**

project number : #15197

drawing scale : As Shown

drawing date : 04/26/2018

phase : Final TAC

sheet number : C-13

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