

GROUND FLOOR LANDSCAPE LIST

TREES AND PALMS			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
(Symbol)	23	*Coccoloba diversiflora	12' HT. X 5' SPR. 4" DBH.
(Symbol)	19	PIGEON PLUM	F.G.
(Symbol)	19	*Conocarpus erectus	12' HT. X 5' SPR. 2" DBH.
(Symbol)	6	GREEN BUTTWOOD	F.G.
(Symbol)	6	Elaeocarpus decipiens	12' HT. X 5' SPR. 2" DBH.
(Symbol)	12	JAPANESE BLUEBERRY	F.G., STANDARD
(Symbol)	12	*Myrcianthis fragrans	8' HT. X 6' SPR.
(Symbol)	12	SIMPSON'S STOPPER	F.G., MULTI-TRUNK SPECIMEN
(Symbol)	28	Polyalthia longifolia pendula	12' HT. X 4' SPR.
(Symbol)	28	MAST TREE	F.G., FULL
(Symbol)	2	Phoenix dactylifera 'Medjool'	10' C.T.
(Symbol)	2	MEDJOO. DATE PALM	F.G.
(Symbol)	2	Dypsis cabadae	12' O.A.H.T., MULTI TRUNK
(Symbol)	2	CABADA PALM	F.G.
(Symbol)	22	Veitchia montgomeryana 'double'	20' O.A. HT. MIN. DOUBLE
(Symbol)	22	DOUBLE MONTGOMERY PALM	F.G., STAGGERED.
(Symbol)	13	Veitchia montgomeryana 'triple'	20' O.A. HT. MIN., TRIPLE
(Symbol)	13	TRIPLE MONTGOMERY PALM	F.G., STAGGERED.
SHRUBS AND GROUNDCOVERS			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
AI	20	Alcantarea imperialis	2'-6" O.A. SPR.
AI	20	IMPERIAL BROMELIAD	9" POT
AO	50	Alcantarea odorata	3' O.A. HT.
AO	50	BROMELIAD SP.	9" POT
CE	1257	*Conocarpus erectus	24" HT. X 24" SPR. / 24" O.C.
CE	1257	GREEN BUTTWOOD	3 GAL.
CF	63	Cordyline fruticosa 'Auntie Lou'	4' O.A. HT. 4PPP
CF	63	TI PLANT	3 GAL.
CG	128	*Clusia guttifera	24" HT. X 24" SPR. / 24" O.C.
CG	128	SMALL LEAF CLUSIA	3 GAL.
CH	987	*Chrysobalanus icaco 'Horizontalis'	18" HT. X 18" SPR. / 18" O.C.
CH	987	HORIZONTAL COCOPLUM	3 GAL.
CH1	3	Chamearops humilis	4-5' O.A. HT.
CH1	3	EUROPEAN FAN PALM	15 GAL., FULL
FM	2271	Ficus microcarpa 'Green Island'	15" HT. X 15" SPR. / 15" O.C.
FM	2271	GREEN ISLAND FICUS	3 GAL.
JL	20	Jatropha integrerrima	6' HT. X 4' SPR.
JL	20	JATROPHA TREE	30 GAL., FULL
MD	15	Monstera deliciosa	24" HT. X 24" SPR., 36" O.C.
MD	15	SWISS CHEESE PLANT	3 GAL.
PB	370	Philodendron 'Burle Marx'	24" HT. X 24" SPR. / 24" O.C.
PB	370	BURLE MARX PHILODENDRON	3 GAL.
SA	360	Schefflera arboricola	24" HT. X 24" SPR. / 24" O.C.
SA	360	GREEN SCHEFFLERA	3 GAL.
TD	98	*Tripsacum dactyloides	36" HT. X 36" SPR. / 36" O.C.
TD	98	FAKAHATCHEE GRASS	3 GAL.
LAWN	As Required	Stenotaphrum secundatum 'Floratum'	SOLID EVEN SOD
LAWN	As Required	ST. AUGUSTINE GRASS	SOLID EVEN SOD

* DENOTES NATIVE SPECIES

GROUND FLOOR LANDSCAPE PLAN NORTH
Scale: 1" = 20'-0"

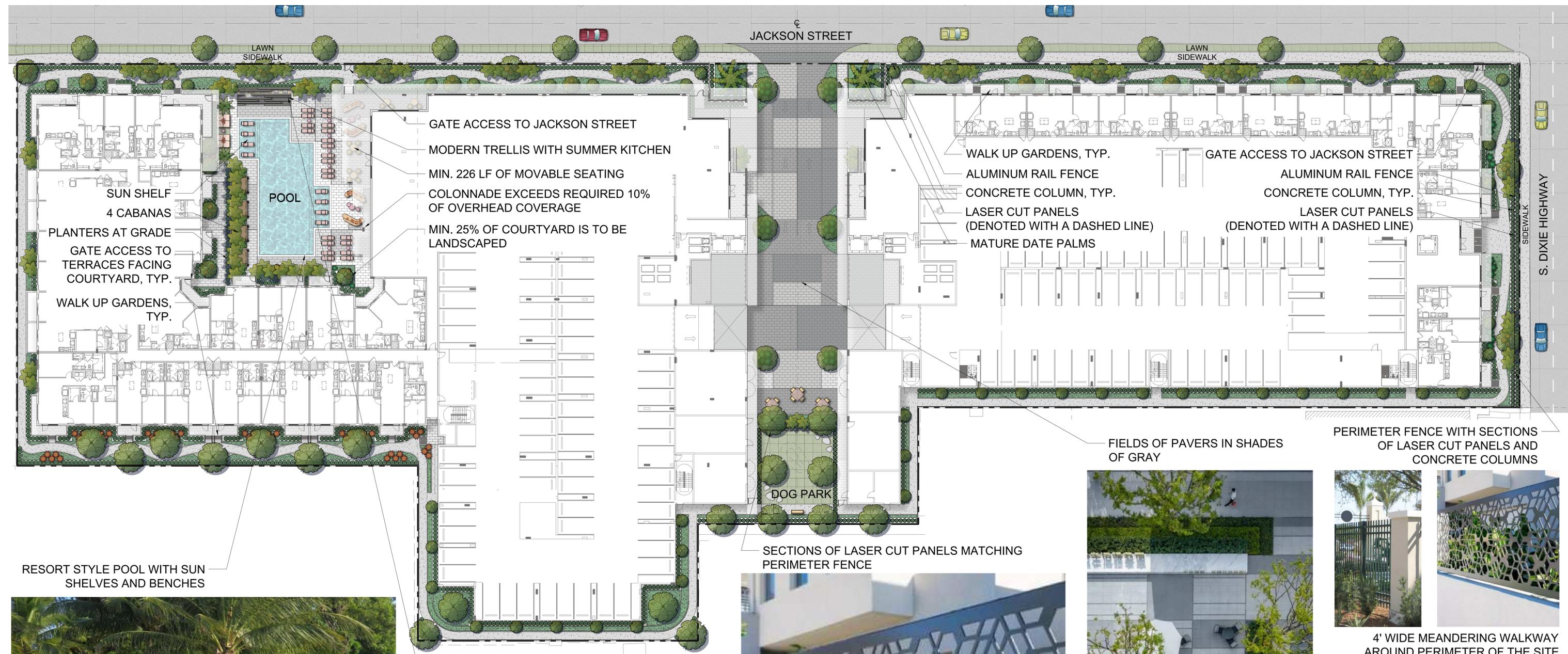
WITKIN HULTS + PARTNERS
 Landscape Architecture
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 Orlando, Florida 32809
 Phone: 407.923.9881 | Fax: 407.923.9880
 www.witkindesign.com

MODERA HOLLYWOOD
 HOLLYWOOD, FLORIDA
 GROUND FLOOR LANDSCAPE PLAN

Revisions: _____ Date: _____ By: _____

Seal: _____
 Lic. # LA0000889
 Member: A.S.L.A.

Drawing: Ground Floor Landscape Plan
 Date: 3/30/2023
 Scale: See Left
 Drawn by: AGS
 Sheet No.: _____
L-2
 Cad Id.: 2022-055



RESORT STYLE POOL WITH SUN SHELVES AND BENCHES



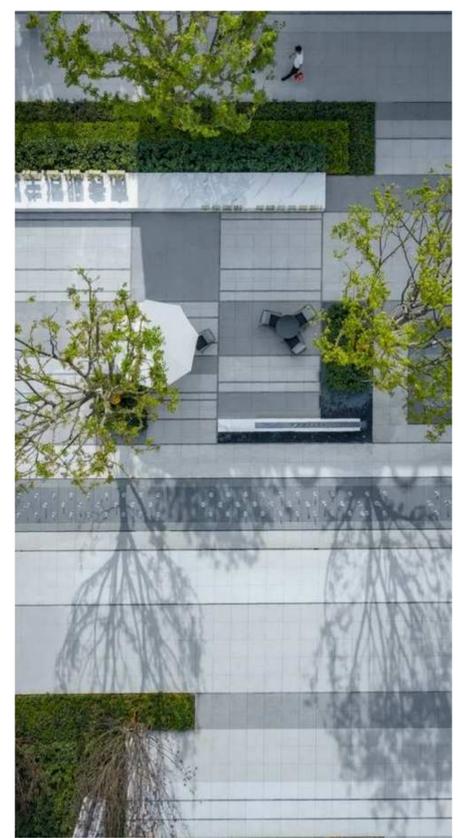
MODERN TRELLIS WITH SUMMER KITCHEN



SECTIONS OF LASER CUT PANELS MATCHING PERIMETER FENCE



FIELDS OF PAVERS IN SHADES OF GRAY



PERIMETER FENCE WITH SECTIONS OF LASER CUT PANELS AND CONCRETE COLUMNS



4' WIDE MEANDERING WALKWAY AROUND PERIMETER OF THE SITE



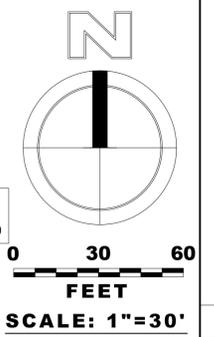
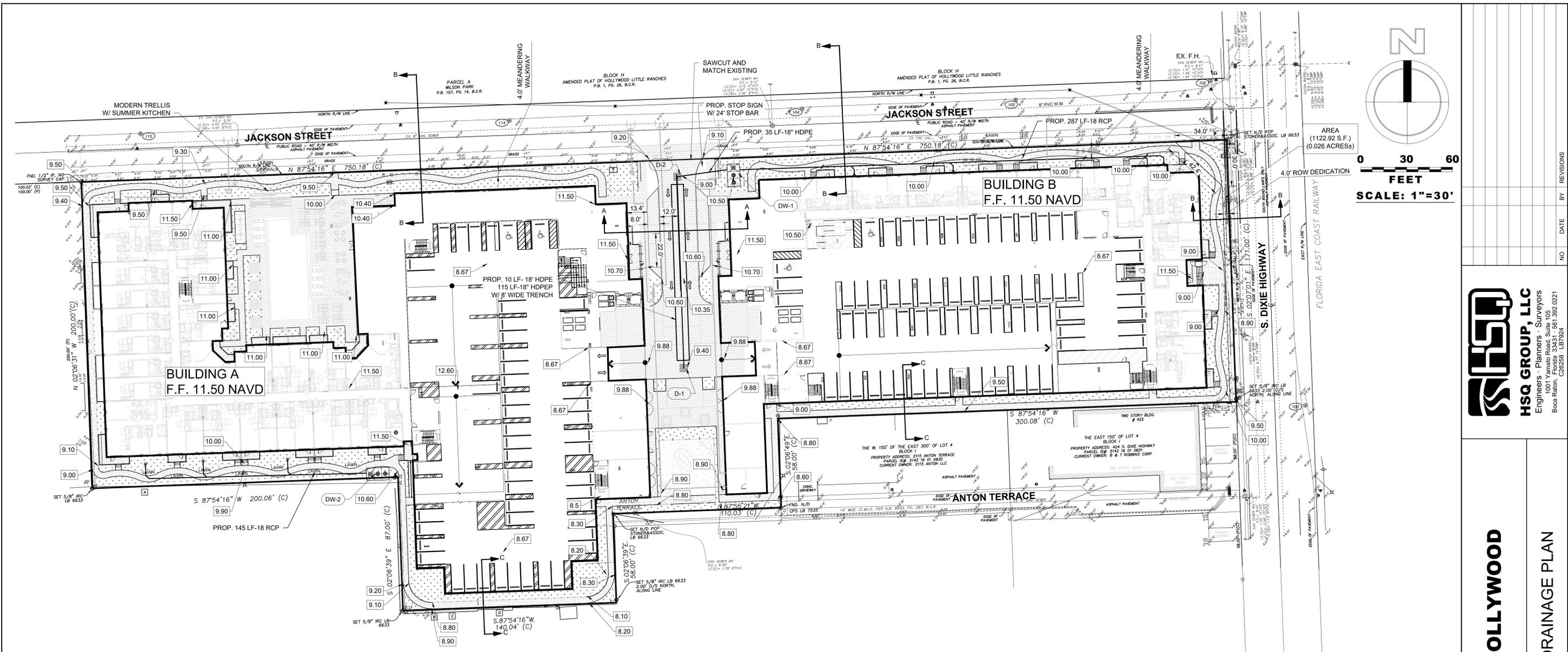
MODERA HOLLYWOOD

Ground Floor Schematic Design Plan

Scale: n.t.s.



LANDSCAPE ARCHITECTURE
www.witkindesign.com
307 South 21 Avenue
Hollywood, Florida 33020
(954) 923-8681



DRAINAGE INLET SCHEDULE

- D-1 TYPE 'D' INLET
W/ U.S.F 4155-6210
FRAME AND GRATE
R.E: 9.40
I.E : 5.00 N
- D-2 TYPE 'D' INLET
W/ U.S.F 4155-6210
FRAME AND GRATE
R.E: 9.00
I.E : 5.00 S,E

CONSTRUCTION NOTES:

1. THIS PLAN WAS PREPARED BASED ON TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY SONER & ASSOCIATES, INC.
2. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND /OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE AND BELOW GROUND) AS SHOWN ON THESE PLANS ARE BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS, AND/OR FROM UTILITY OWNERS AND DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND / OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
5. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
6. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILTS AND DEBRIS.
7. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
8. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
9. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING AND COVERS.
10. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND FOR ALL NATURAL AND PAVED AREAS.
12. ALL UN-SURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH CITY / COUNTY SPECIFICATIONS UNTIL HEALTHY STAND OF GRASS IS OBTAINED.
13. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
14. CONTRACTOR SHALL TRIM, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
15. EXISTING MANHOLES AND VALVE BOXES TO REMAIN IN PLACE SHALL BE ADJUSTED TO FINAL GRADES.
16. CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. SIDEWALK, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
17. CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
18. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
19. CONTRACTOR TO SOD ALL DISTURBED AREAS, SODDING INCLUDES MAINTAINING SLOPE AND SOD UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
20. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
21. 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS ON HANDICAP SPACES.
22. 2.0% CROSS SLOPE AND 5.0% LONGITUDINAL SLOPE ON ALL ADA ACCESS WAYS.
23. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2.0%
24. CONTRACTOR SHALL REPLACE IN KIND ANY CONCRETE/PAVEMENT DAMAGED DURING THE PLACEMENT OF CURB AND GUTTER/SIDEWALK WITHIN COUNTY ROW.
25. CONTRACTOR SHALL VERIFY THE ELEVATION OF THE PROPOSED SIDEWALK, CURB AND GUTTER, AND FLARED ENDS TO CONFIRM POSITIVE FLOW TO INLETS ALONG THE PROPOSED CURB AND GUTTER.

LEGEND

	PROPOSED LIGHTING		SINGLE WATER METER
	PROPOSED ADA STALL		GATE VALVE
	PROPOSED CONCRETE SIDEWALK		EXISTING VALVE
	PROPOSED ASPHALT PAVEMENT		EXISTING FIRE HYDRANT ASSEMBLY
	10'X10' SIGHT TRIANGLE		BACTERIOLOGICAL SAMPLING POINT
	FLOW DIRECTION		PROPOSED TYPE P6 STORM CURB INLET
	PROPOSED GRADE	R.C.P.	REINFORCED CONCRETE PIPE
	EXISTING GRADE	H.D.P.E.	HIGH DENSITY POLYETHYLENE PIPE
	SEWER / DRAINAGE MANHOLE	C.A.P.	CORRUGATED ALUMINUM PIPE
	DRAINAGE INLET	W.M.	WATER MAIN
	YARD DRAIN BASIN	C.V.	GATE VALVE
	DOUBLE SEWER SERVICE	F.H.	FIRE HYDRANT
	SINGLE SEWER SERVICE	R.E.	RIM ELEVATION
	FIRE HYDRANT ASSEMBLY	I.E.	INVERT ELEVATION
	TAPPING SLEEVE & VALVE	E.O.P.	EDGE OF PAVEMENT
	DOUBLE WATER METER	P.R.B.	POLLUTION RETARDANT BAFFLE
		D.W.E.	DESIGN WATER ELEVATION
			TREE TO REMAIN (SEE LANDSCAPE PLAN)
			PIPE CONFLICT BOX

INV TOP PIPE
TOP OF BOTTOM PIPE

D=DRAINAGE
W=WATER
S=SEWER
FM=FORCE MAIN
CN=CONDUIT



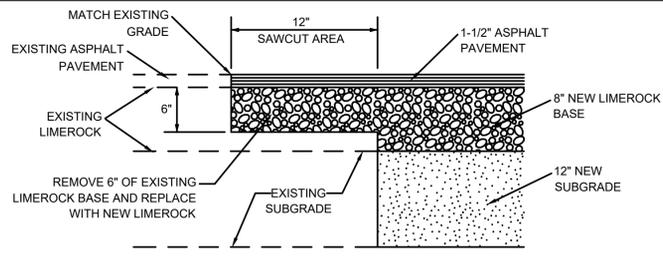
MODERA HOLLYWOOD
PAVING AND DRAINAGE PLAN

DATE: 12/22
DESIGNED BY: ZT
DRAWN BY: SE
CHECKED BY: ZT



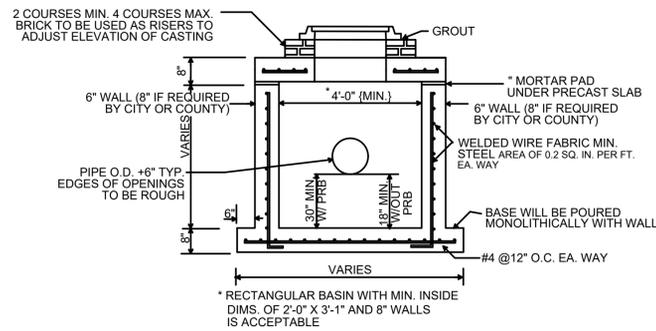
DATE: 5/13/2023
ZACHARY TODD, P.E.
FLORIDA REGISTRATION NO. - 84179
PROJECT: 2106-48
SHEET: PD-1





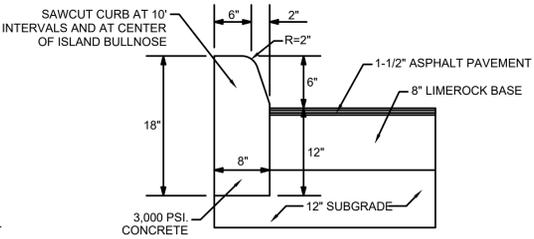
ASPHALT CONNECTION DETAIL

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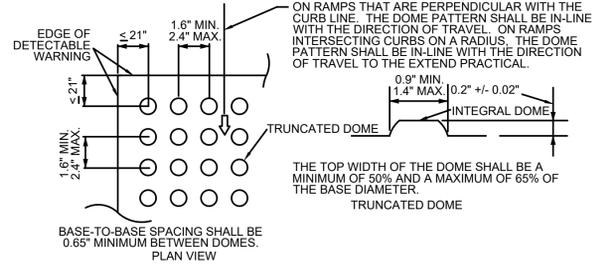
MANHOLE/CATCH BASIN DETAIL

N.T.S.



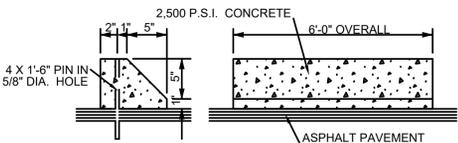
TYPE "D" CONCRETE CURB DETAIL

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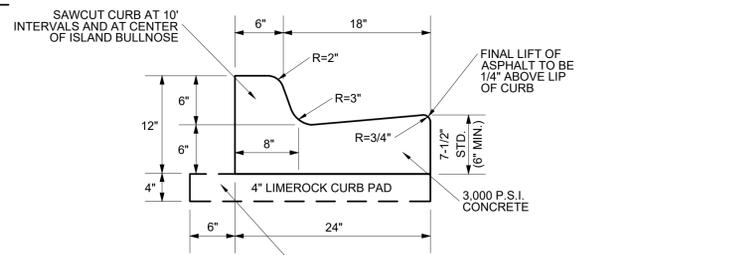
CURB RAMP DETECTABLE WARNING DETAIL

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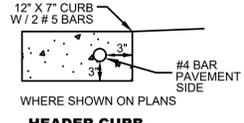
CONCRETE WHEEL STOP DETAIL

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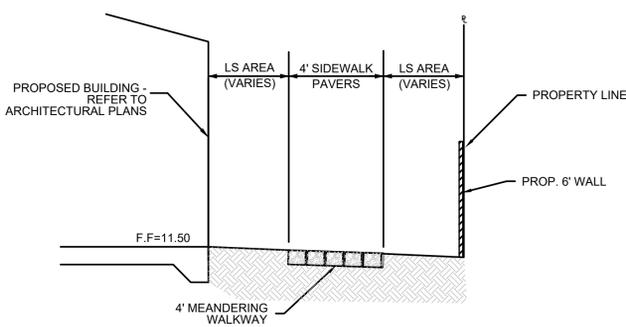


TYPE "F" CURB & GUTTER DETAIL

N.T.S. - PER F.D.O.T. INDEX 300

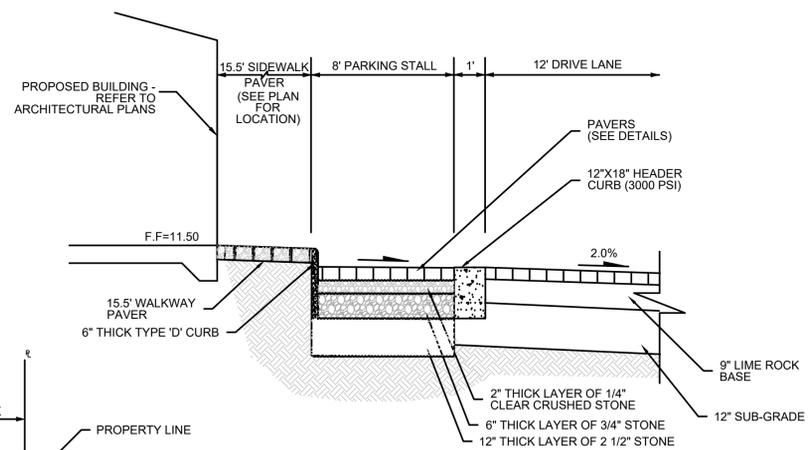


HEADER CURB



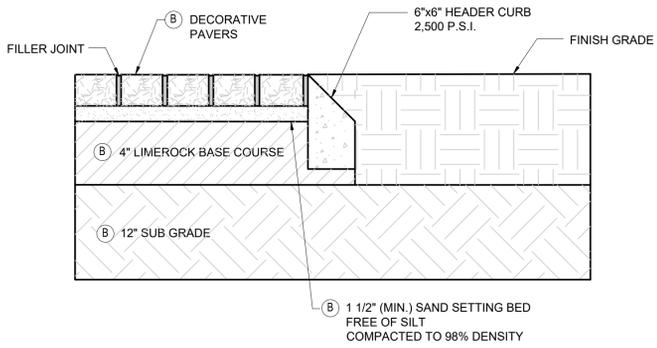
TYPICAL SECTION B-B

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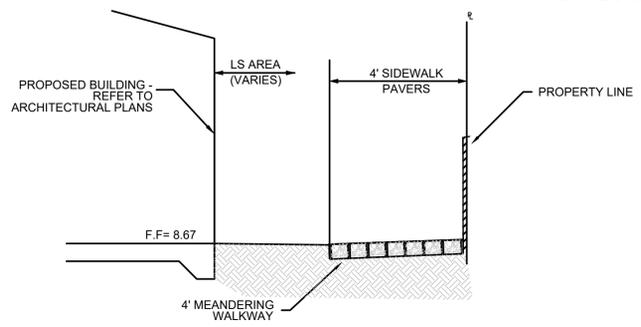
TYPICAL SECTION A-A

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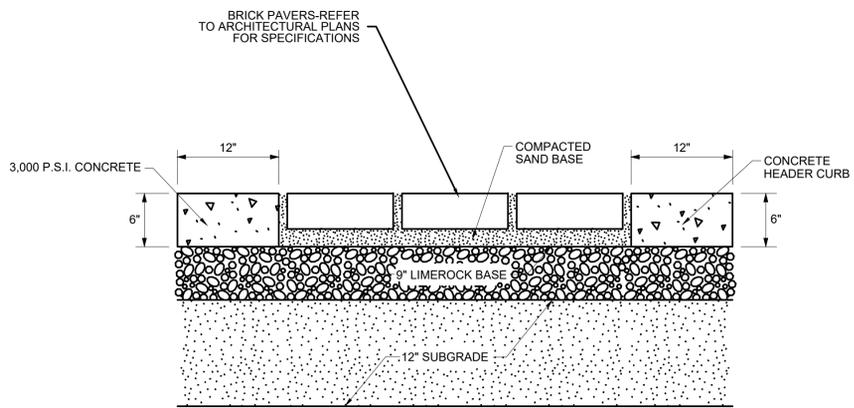
SIDEWALK PAVER DETAIL

N.T.S.



TYPICAL SECTION C-C

N.T.S.



PAVER DETAIL

N.T.S.

PAVEMENT NOTES

- THE PAVEMENT SURFACE SHALL BE TYPE S-3 ASPHALTIC CONCRETE. THE SURFACE SHALL BE 1-1/2 INCHES THICK, APPLIED IN TWO (2) SEPARATE LIFTS OF 3/4 INCHES EACH. A TACK COAT SHALL BE APPLIED BETWEEN BOTH PAVEMENT COURSES. ASPHALT MUST BE APPLIED 300°F ± 30.
 - THE LIME ROCK BASE SHALL BE 8 INCHES THICK. THE LIME ROCK MATERIAL 6" THICK LIME ROCK BASE SHALL BE USED IN THE PRIVATE PARKING STALLS. SHALL HAVE A MINIMUM LIME ROCK BEARING RATIO (L.B.R.) VALUE OF 100. THE LIME ROCK MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS. THE 8" OR 6" ROCK BASE CAN BE SUBSTITUTED WITH 8" OR 6" CRUSHED CONCRETE BASE. THE CRUSHED CONCRETE BASE MUST BE FREE OF ANY ORGANIC MATERIALS AND OF CONSISTENT SIZE WITH NO AGGREGATES LARGER THAN 2" IN SIZE.
 - THE MATERIAL SHOULD BE WELL GRADED AND HAVE A (LBR) OF 100. MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS.
- THE CRUSHED CONCRETE GRADATION MUST MEET THE FOLLOWING REQUIREMENTS:
- | U.S. SIEVE SIZE | PERCENT PASSING |
|-----------------|-----------------|
| 2" | 100% |
| 1 1/4" | 95-100 |
| 3/4" | 70-95 |
| 3/8" | 50-80 |
| No. 4 | 40-65 |
| No. 10 | 30-50 |
| No. 50 | 10-25 |
| No. 200 | <10 |
- THE SUBGRADE SHALL BE 12 INCHES THICK. THE SUBGRADE MATERIAL SHALL HAVE A MINIMUM LIME ROCK BEARING RATIO (L.B.R.) VALUE OF 40. THE SUBGRADE MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS.
 - THE LIME ROCK AND SUBGRADE COURSES SHALL NOT BE CONSTRUCTED UNTIL ALL UTILITY INSTALLATIONS UNDER PAVEMENT AREAS ARE COMPLETED. ANY PAVEMENT CONSTRUCTION PRIOR TO THIS REQUIREMENT SHALL BE CONDUCTED AT THE CONTRACTOR'S OWN RISK AND ANY REQUIRED REPAIRS WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY.
 - THE PRIME AND TACK COATS SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (SECTIONS 300-1 THRU 300-7) SPECIFICATIONS. THE PRIME COAT SHALL BE APPLIED AT A RATE OF 0.10 GALLONS PER SQUARE YARD OF PAVEMENT.
 - PERIODIC DENSITY TESTING SHALL BE CONDUCTED FOR BOTH SUBGRADE AND LIME ROCK BASE COURSES. THE TOTAL NUMBER AND EXACT LOCATIONS OF THE TESTS SHALL BE DETERMINED BY EITHER THE ENGINEER-OF-RECORD OR GOVERNMENT INSPECTOR. THE MINIMUM AMOUNT OF TESTING SHALL BE BASED ON ONE (1) DENSITY TEST PER 5,000 SQUARE FEET OF PAVEMENT.
 - THE FIRST LIFT OF THE ASPHALTIC CONCRETE PAVEMENT SHALL BE APPLIED 1/2 INCH BELOW THE LIP OF CURB AND/OR SIDEWALK (IF APPLICABLE). THE SECOND (FINAL) LIFT SHALL EXTEND 1/4 INCH ABOVE THE LIP OF CURB AND/OR SIDEWALK. THE FINAL LIFT OF ASPHALT SHALL NOT BE APPLIED UNTIL EITHER THE CLIENT, ENGINEER-OF-RECORD AND/OR GOVERNMENT AGENCY DETERMINES THAT SUBSTANTIAL PROJECT CONSTRUCTION HAS BEEN COMPLETED.
 - ALL EXISTING ORGANIC AND DELETERIOUS MATERIALS WITHIN THE RIGHT-OF-WAY AND PAVEMENT AREAS ARE TO BE REMOVED TO THEIR FULL DEPTH AND REPLACED WITH APPROVED SUITABLE MATERIAL. UNLESS AN ALTERNATIVE METHOD IS RECOMMENDED BY A CERTIFIED GEOTECHNICAL ENGINEER, THE DETERMINATION OF ORGANIC AND UNSUITABLE MATERIALS SHALL BE BASED ON F.D.O.T. STANDARDS.
 - ALL EXISTING PAVEMENT CONNECTIONS AND REPAIRS SHALL HAVE A STRAIGHT SAW-CUT EDGE PRIOR TO APPLYING NEW ASPHALT.
 - ONCE FINAL LIFT OF ASPHALT HAS BEEN APPLIED, ALL PERMANENT CONTROL POINTS, REFERENCE MARKERS, VALVES, INLET AND MANHOLE RIMS SHALL BE ADJUSTED TO FINAL GRADE.
 - FINAL ASPHALT MUST BE ROLLED AND COMPACTED TO A SMOOTH SURFACE. NO LOOSE ASPHALT OR UNRAVELING PAVEMENT PERMITTED. NO STANDING WATER ALLOWED MORE THAN 1/8".
 - ROCK AS-BUILTS MUST BE REVIEWED AND APPROVED BY ENGINEER AND CITY PRIOR TO PAVING.

HSQ GROUP, LLC
 Engineers - Planners - Surveyors
 1001 Yamato Road, Suite 105
 Boca Raton, Florida 33431 - 561.392.0221
 C26258 - LB7924

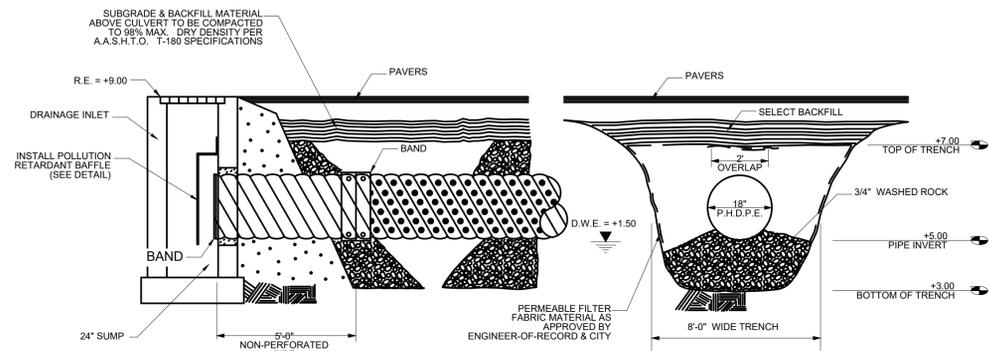
MODERA HOLLYWOOD
 PAVING AND DRAINAGE DETAILS

DATE:	12/22
DESIGNED BY:	ZT
DRAWN BY:	SE
CHECKED BY:	ZT

ZACHARY TODD
 LICENSE
 No 84179
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

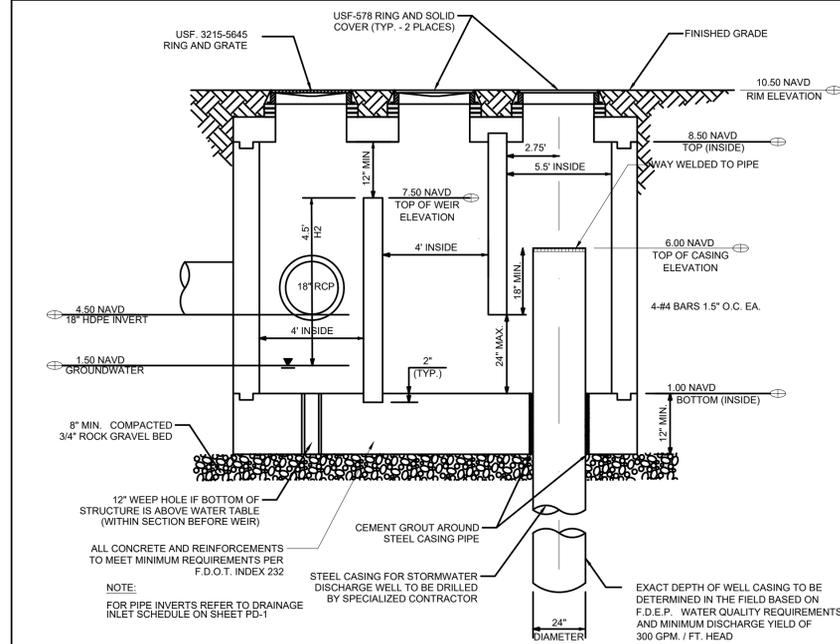
DATE:	3/13/2023
ZACHARY TODD, P.E.	84179
FLORIDA REGISTRATION NO. -	84179
PROJECT:	2106-48
SHEET:	PD-2

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 Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
 Check positive response codes before you dig!



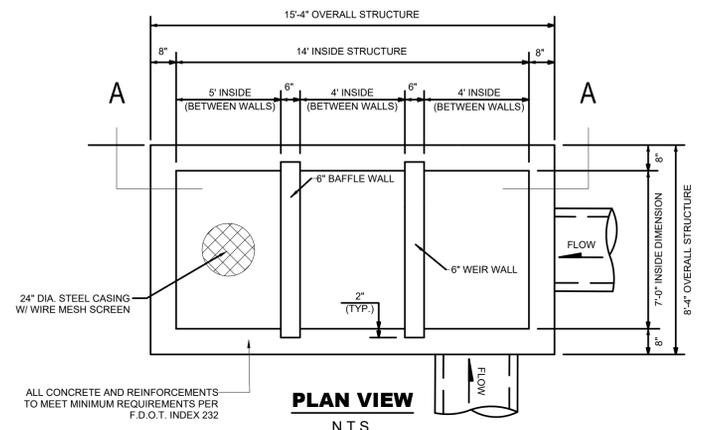
EXFILTRATION TRENCH DETAIL

N.T.S.



LONGITUDINAL SECTION A-A

N.T.S.



PLAN VIEW

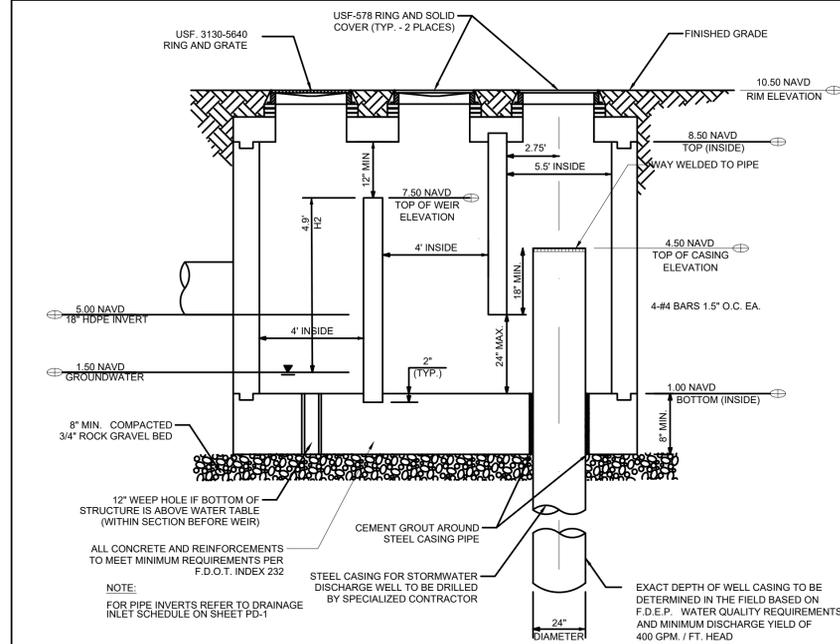
N.T.S.

GENERAL NOTES:

- DRAINAGE WELL SHALL BE DRILLED TO A TOTAL DEPTH THAT WILL DISCHARGE RUNOFF TO AN AQUIFER HAVING A MINIMUM OF 10,000 MG/LITER OF TOTAL DISSOLVED SOLIDS (TDS).
- DRAINAGE WELL SHALL HAVE AN UPPER CASING WITH A MINIMUM OF 24 INCHES IN DIAMETER (WITH DRIVE SHOE) WHICH SHALL BE DRIVEN TO A FIRM SEAT.
- DRAINAGE WELL SHALL BE INSTALLED AS PLUMB AND TRUE TO LINE AS POSSIBLE FOR THE ENTIRE DEPTH.
- COMPLETED DRAINAGE WELL SHALL BE THOROUGHLY AGITATED AND DEVELOPED.
- THE CONTRACTOR TO PERFORM STEP DRAW DOWN TEST OR INJECTION TEST IN ORDER TO DEMONSTRATE THAT THE COMPLETED DRAINAGE WELL HAS THE MINIMUM DESIGN CAPACITY OF 300 GPM / FT.-HEAD.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR CONDUCTING THE WELL INSTALLATION AND TESTING AND SHALL PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER AND ENGINEER-OF-RECORD PRIOR TO STARTING ANY WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE NECESSARY F.D.E.P. DRAINAGE WELL DRILLING PERMITS AND COMPLY WITH ALL THE F.D.E.P. PERMIT REQUIREMENTS AND PROVISIONS.

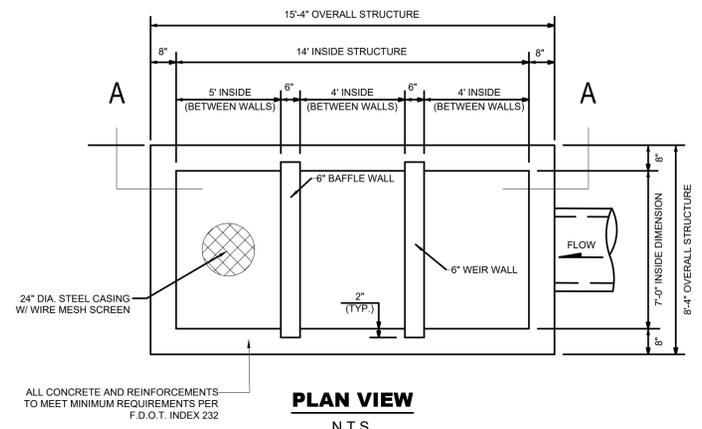
DRAINAGE RETENTION STRUCTURE & DISCHARGE WELL - NORTH SIDE

DW-1



LONGITUDINAL SECTION A-A

N.T.S.



PLAN VIEW

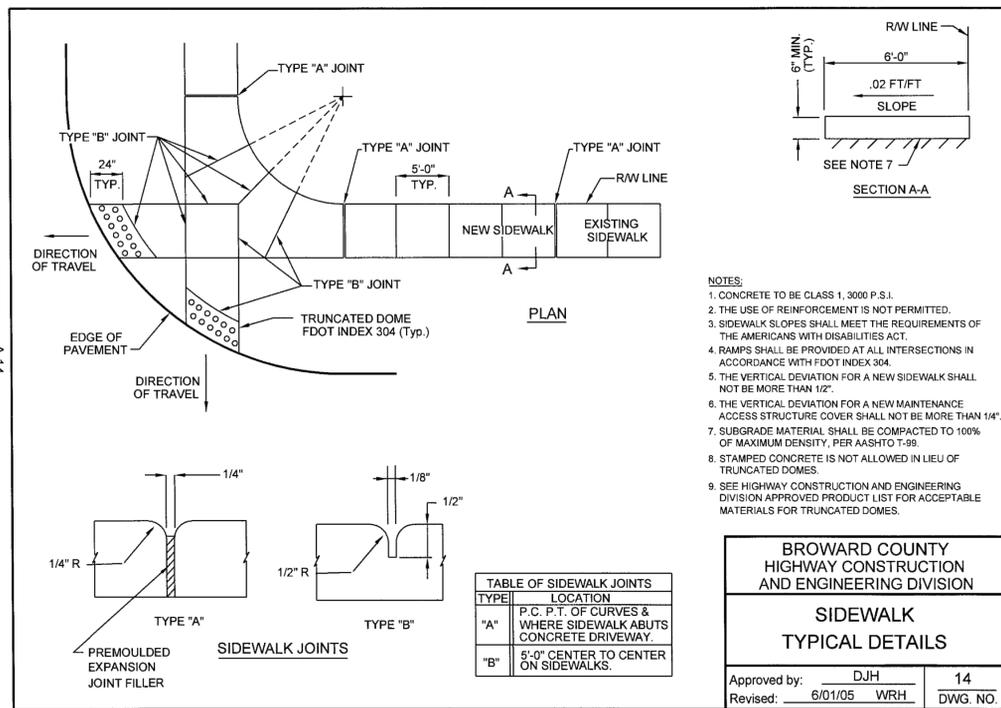
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- DRAINAGE WELL SHALL BE INSTALLED AS PLUMB AND TRUE TO LINE AS POSSIBLE FOR THE ENTIRE DEPTH.
- COMPLETED DRAINAGE WELL SHALL BE THOROUGHLY AGITATED AND DEVELOPED.
- THE CONTRACTOR TO PERFORM STEP DRAW DOWN TEST OR INJECTION TEST IN ORDER TO DEMONSTRATE THAT THE COMPLETED DRAINAGE WELL HAS THE MINIMUM DESIGN CAPACITY OF 400 GPM / FT.-HEAD.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR CONDUCTING THE WELL INSTALLATION AND TESTING AND SHALL PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER AND ENGINEER-OF-RECORD PRIOR TO STARTING ANY WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE NECESSARY F.D.E.P. DRAINAGE WELL DRILLING PERMITS AND COMPLY WITH ALL THE F.D.E.P. PERMIT REQUIREMENTS AND PROVISIONS.

DRAINAGE RETENTION STRUCTURE & DISCHARGE WELL - SOUTH SIDE

DW-2



- NOTES:
- CONCRETE TO BE CLASS 1, 3000 P.S.I.
 - THE USE OF REINFORCEMENT IS NOT PERMITTED.
 - SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
 - RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS IN ACCORDANCE WITH FOOT INDEX 304.
 - THE VERTICAL DEVIATION FOR A NEW SIDEWALK SHALL NOT BE MORE THAN 1/2".
 - THE VERTICAL DEVIATION FOR A NEW MAINTENANCE ACCESS STRUCTURE COVER SHALL NOT BE MORE THAN 1/4".
 - SUBGRADE MATERIAL SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY, PER AASHTO T-99.
 - STAMPED CONCRETE IS NOT ALLOWED IN LIEU OF TRUNCATED DOMES.
 - SEE HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION APPROVED PRODUCT LIST FOR ACCEPTABLE MATERIALS FOR TRUNCATED DOMES.

TYPE	LOCATION
"A"	P.C. P.T. OF CURVES & WHERE SIDEWALK ABUTS CONCRETE DRIVEWAY.
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS.

**BROWARD COUNTY
HIGHWAY CONSTRUCTION
AND ENGINEERING DIVISION**

**SIDEWALK
TYPICAL DETAILS**

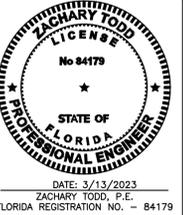
Approved by: DJH 14
Revised: 6/01/05 WRH DWG. NO.



MODERA HOLLYWOOD

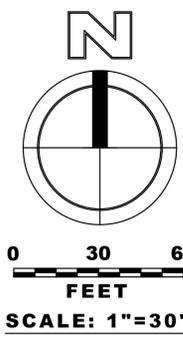
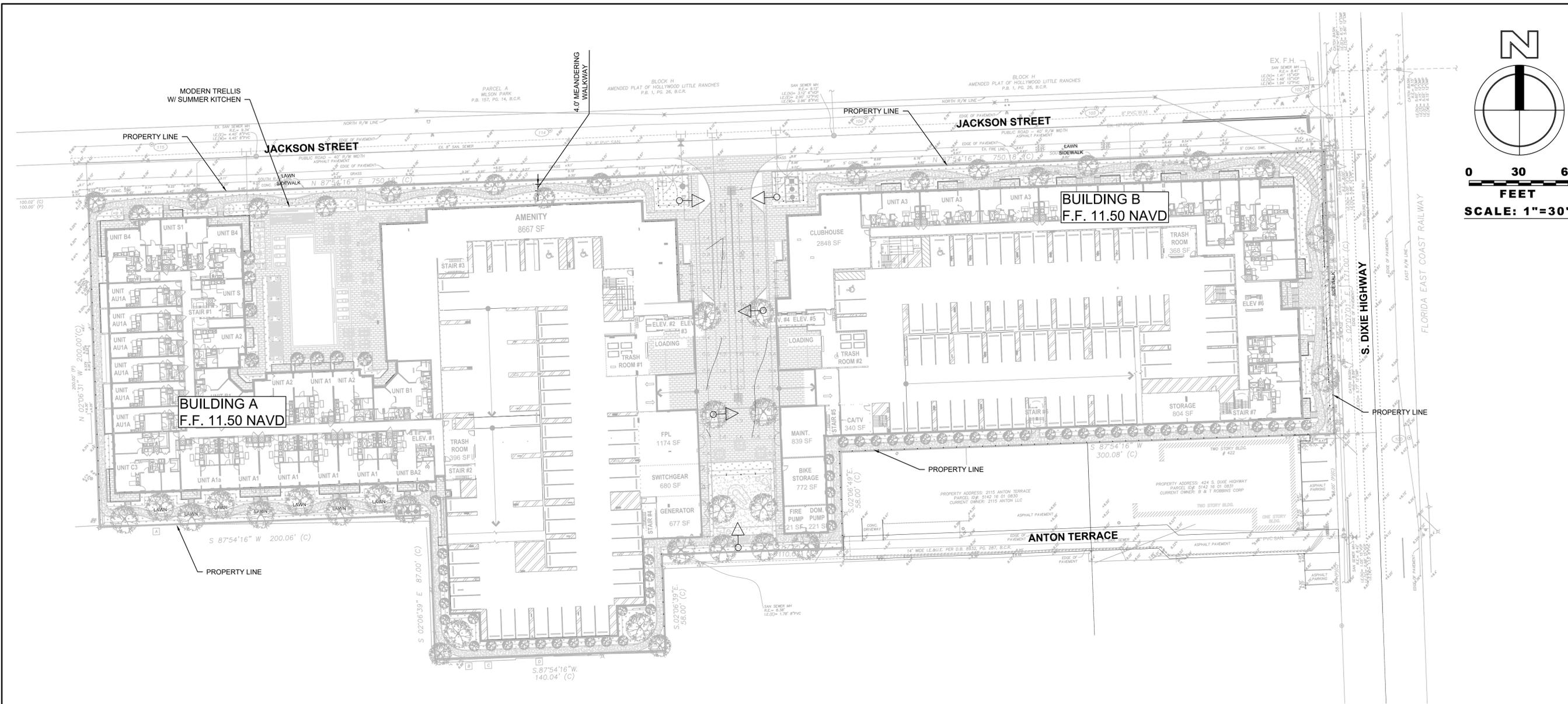
PAVING AND DRAINAGE DETAILS

DATE: 12/22
DESIGNED BY: ZT
DRAWN BY: SE
CHECKED BY: ZT



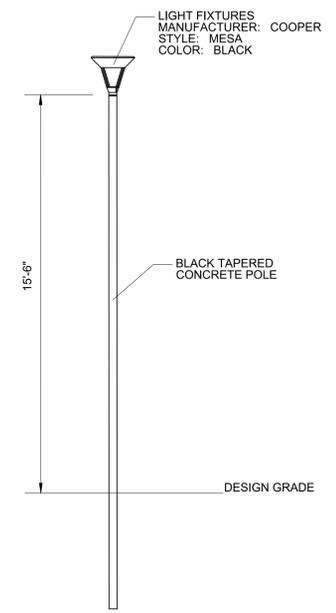
PROJECT: 2106-48
SHEET: PD-3





DriveWay	
AVERAGE FOOT-CANDLES	1.15
MAXIMUM FOOT-CANDLES	2.0
MINIMUM FOOT-CANDLES	0.2
MINIMUM TO MAXIMUM FC RATIO	0.09
MAXIMUM TO MINIMUM FC RATIO	11.31
AVERAGE TO MINIMUM FC RATIO	6.58

LUMINAIRE SCHEDULE							
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	QUANTITY	DEFAULT ELEVATION	TOTAL LUMENS
MESA		(1)	MESA POST TOP DECORATIVE LUMINAIRE, (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS.	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON), MSA-SA1A-740-U-T3	5	15'-6"	4035



LIGHT POLE DETAIL (1)

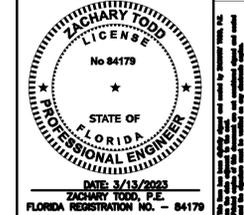
Sunshine811
 Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
 Check positive response codes before you dig!

NO	DATE	BY	REVISIONS

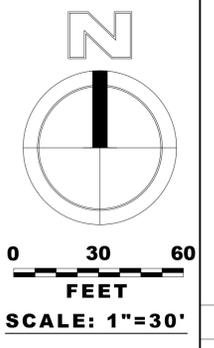
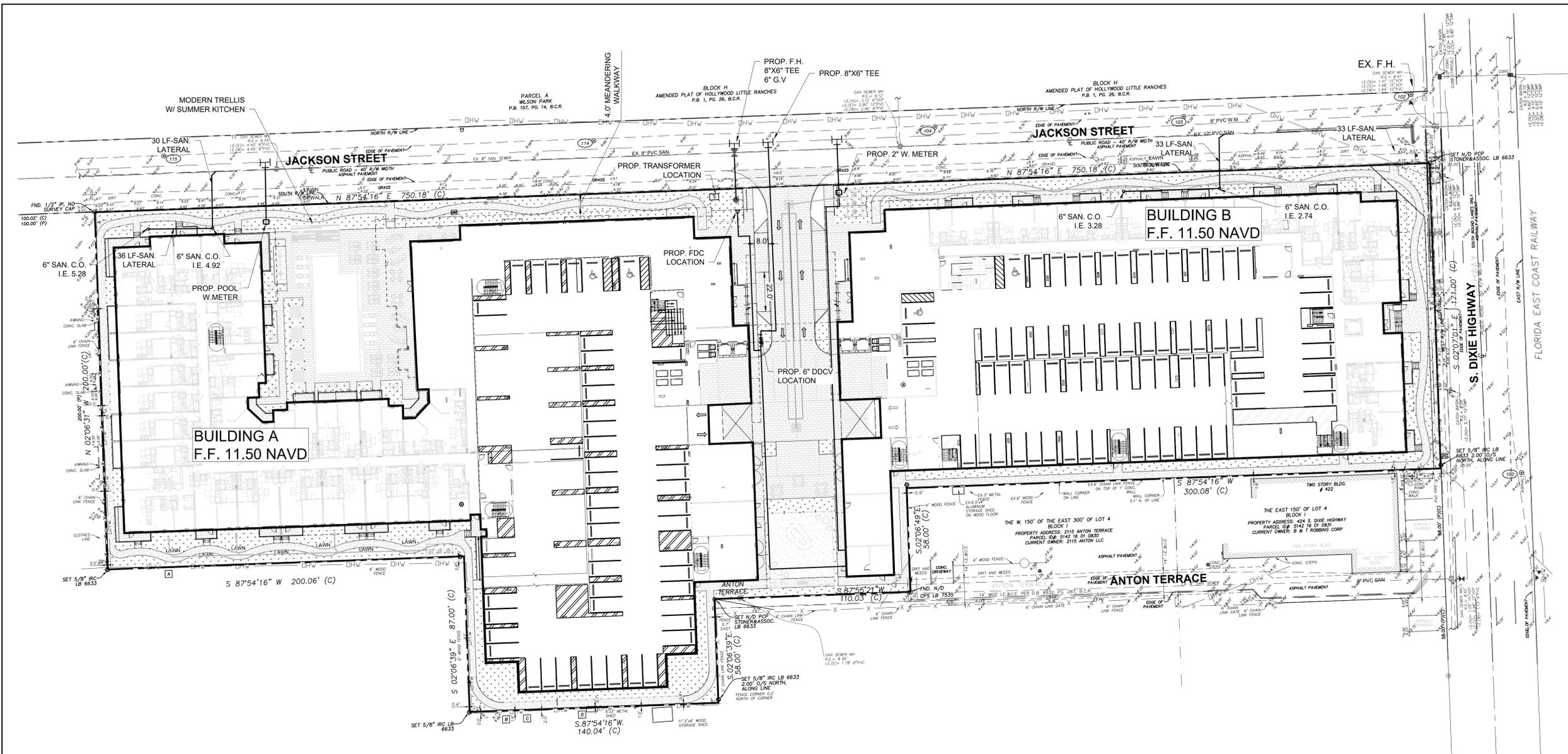
HSQ
HSQ GROUP, LLC
 Engineers - Planners - Surveyors
 1001 Yamato Road, Suite 105
 Boca Raton, Florida 33431 - 561.392.0221
 C26258 - LB7924

MODERA HOLLYWOOD
PAVING AND DRAINAGE PLAN

DATE: 12/22
 DESIGNED BY: ZT
 DRAWN BY: SE
 CHECKED BY: ZT



PROJECT: 2106-48
 SHEET: PD-1



LEGEND

	PROPOSED LIGHTING		SINGLE WATER METER
	PROPOSED ADA STALL		GATE VALVE
	PROPOSED CONCRETE SIDEWALK		EXISTING VALVE
	PROPOSED ASPHALT PAVEMENT		EXISTING FIRE HYDRANT ASSEMBLY
	10'x10' SIGHT TRIANGLE		BACTERIOLOGICAL SAMPLING POINT
	FLOW DIRECTION		PROPOSED TYPE P6 STORM CURB INLET
	PROPOSED GRADE	R.C.P.	REINFORCED CONCRETE PIPE
	EXISTING GRADE	H.D.P.E.	HIGH DENSITY POLYETHYLENE PIPE
	SEWER / DRAINAGE MANHOLE	C.A.P.	CORRUGATED ALUMINUM PIPE
	DRAINAGE INLET	W.M.	WATER MAIN
	YARD DRAIN BASIN	C.V.	GATE VALVE
	DOUBLE SEWER SERVICE	F.H.	FIRE HYDRANT
	SINGLE SEWER SERVICE	R.E.	RIM ELEVATION
	FIRE HYDRANT ASSEMBLY	I.E.	INVERT ELEVATION
	TAPPING SLEEVE & VALVE	E.O.P.	EDGE OF PAVEMENT
	DOUBLE WATER METER	P.R.B.	POLLUTION RETARDANT BAFFLE
		D.W.E.	DESIGN WATER ELEVATION
			TREE TO REMAIN (SEE LANDSCAPE PLAN)
			PIPE CONFLICT BOX

INV TOP PIPE
TOP OF BOTTOM PIPE

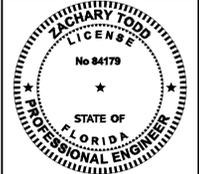
D=DRAINAGE
W=WATER
S=SEWER
FM=FORCE MAIN
CN=CONDUIT



MODERA HOLLYWOOD

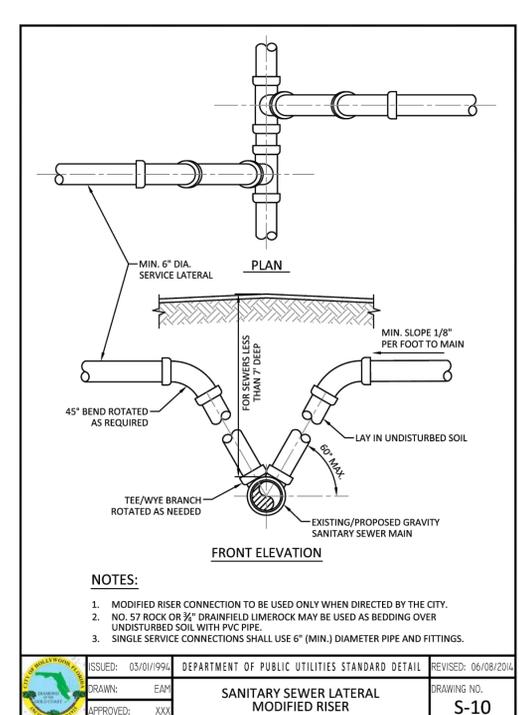
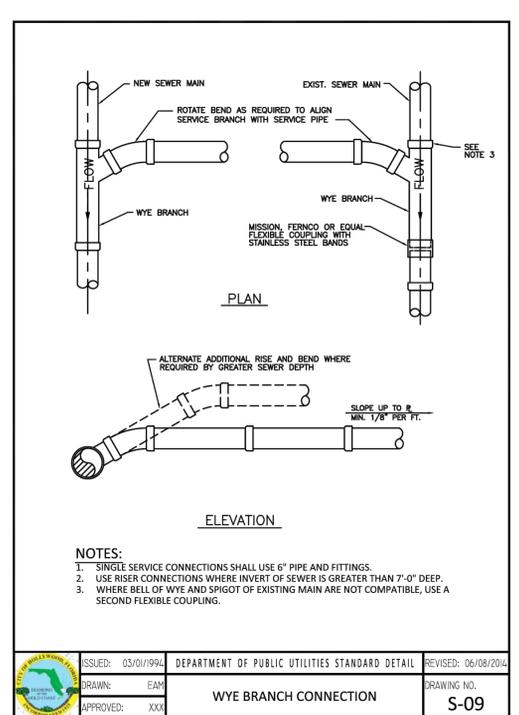
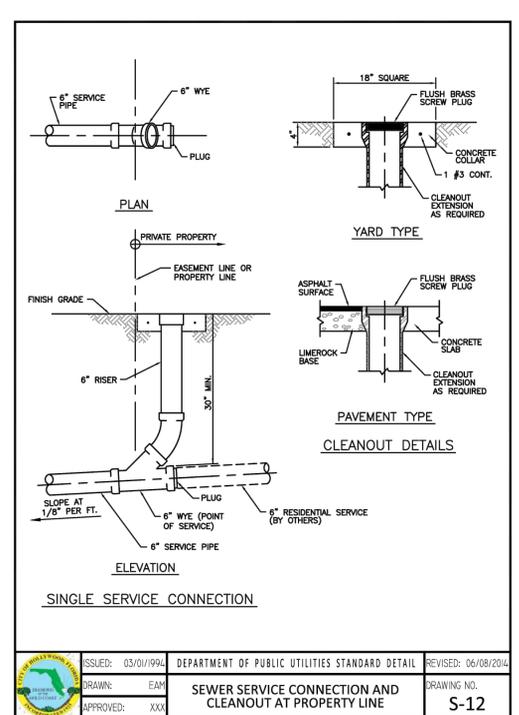
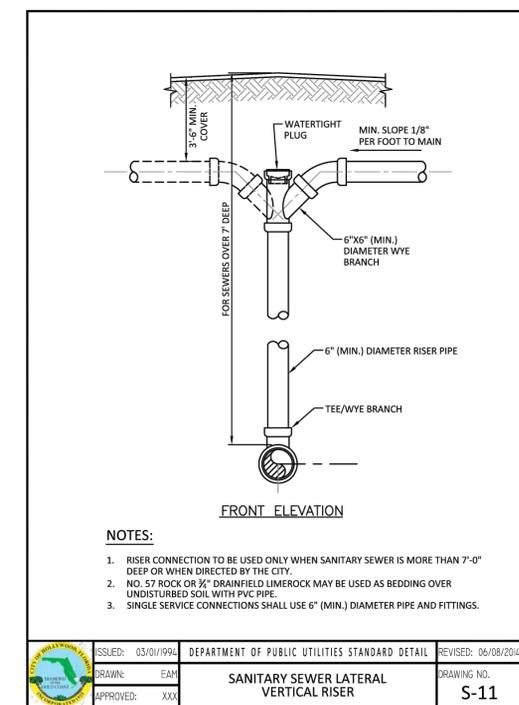
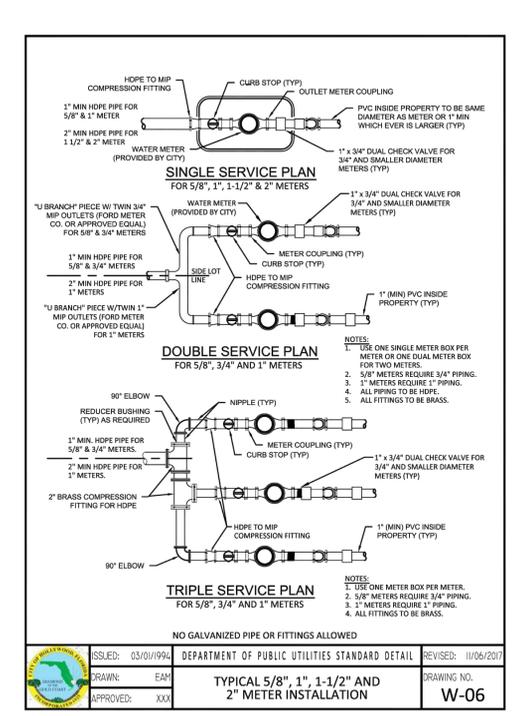
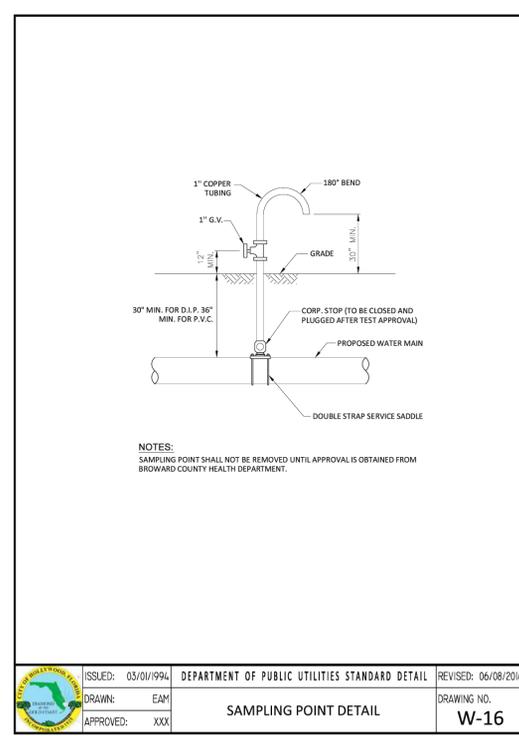
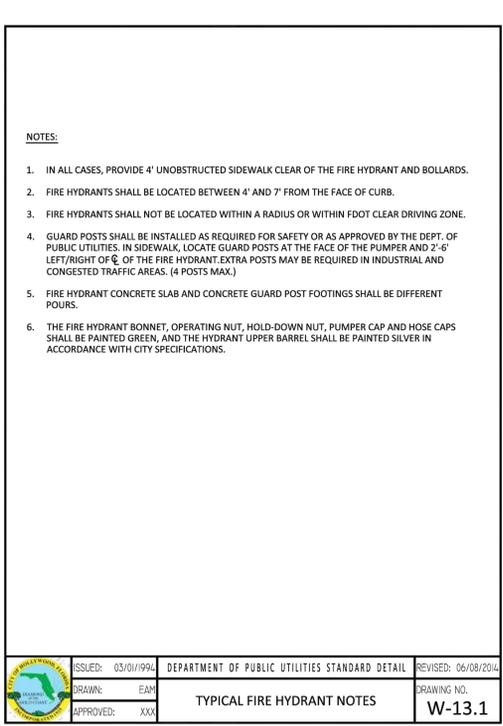
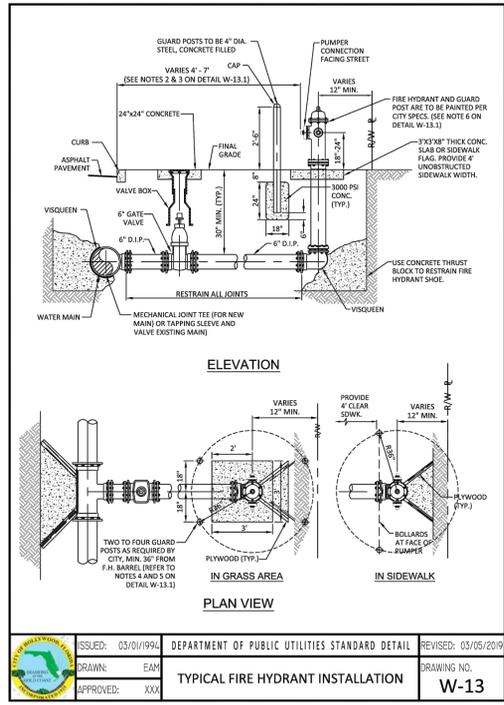
WATER AND SEWER PLAN

DATE: 12/22
DESIGNED BY: ZT
DRAWN BY: SE
CHECKED BY: ZT



PROJECT: 2106-48
SHEET: WS-1

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 C26258 - LB7924

NO.	DATE	BY	REVISIONS

MODERA HOLLYWOOD

WATER AND SEWER DETAILS

DATE: 12/22
 DESIGNED BY: ZT
 DRAWN BY: SE
 CHECKED BY: ZT

ZACHARY TODD
 LICENSE
 No 84179
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

DATE: 3/13/2023
 ZACHARY TODD, P.E.
 FLORIDA REGISTRATION NO. - 84179

PROJECT: 2106-48
 SHEET: WS-2

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