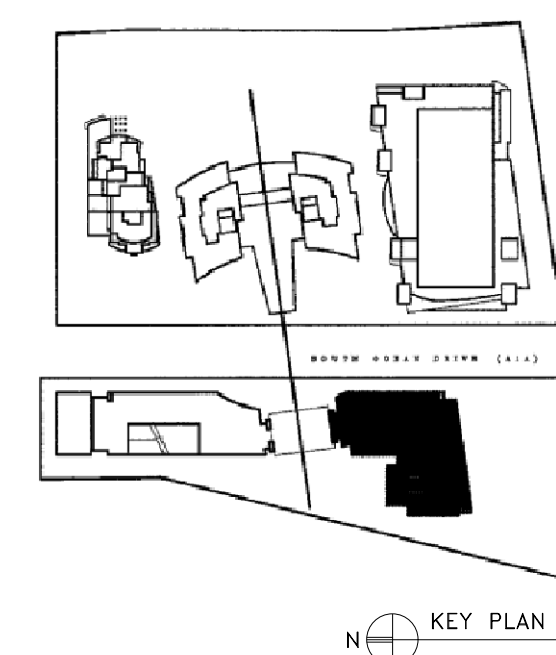
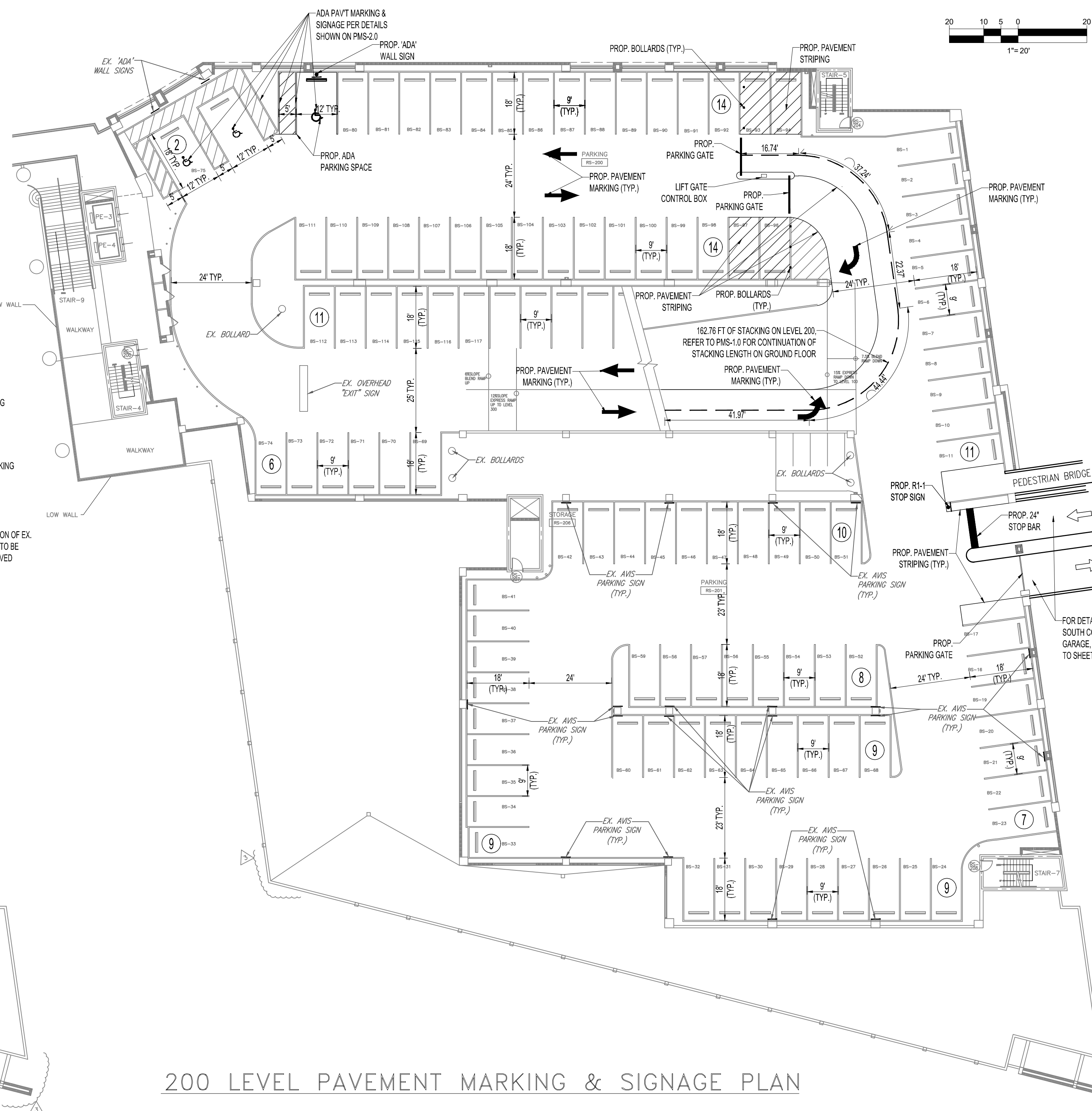
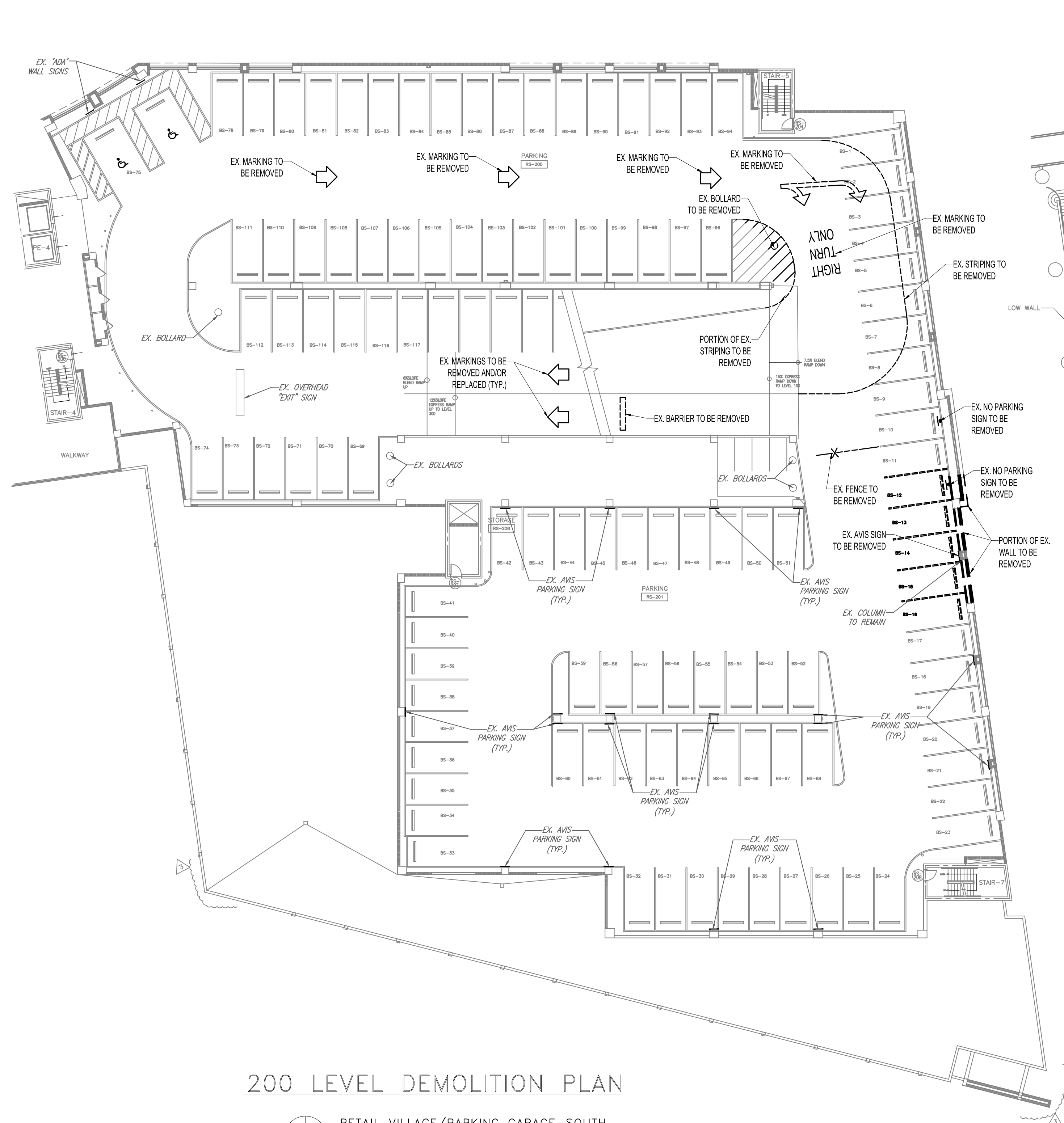
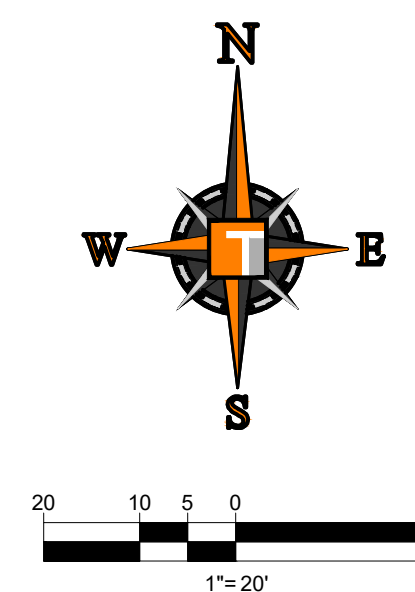
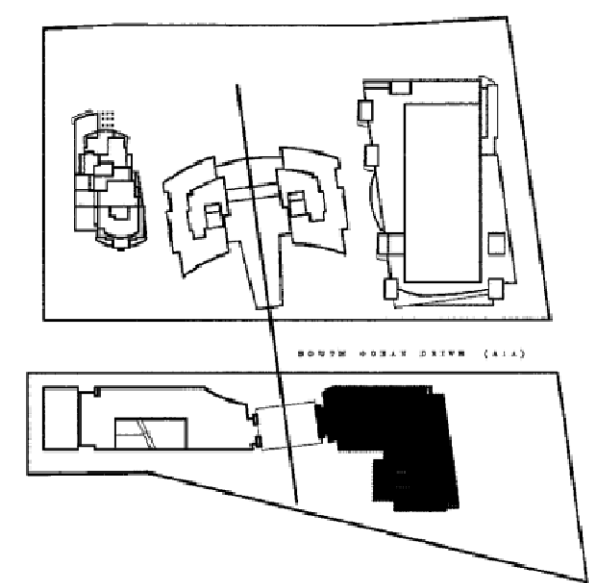
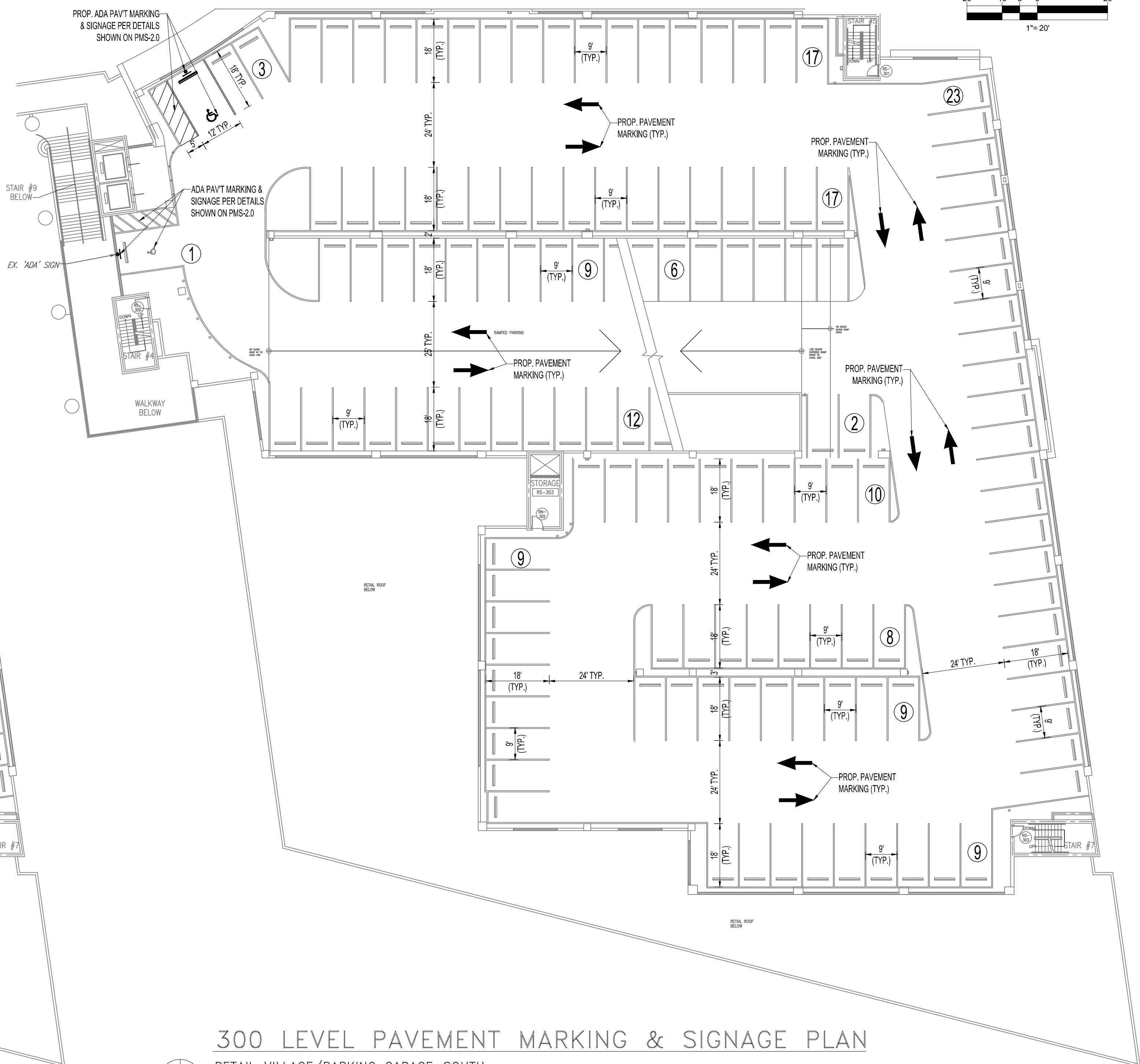
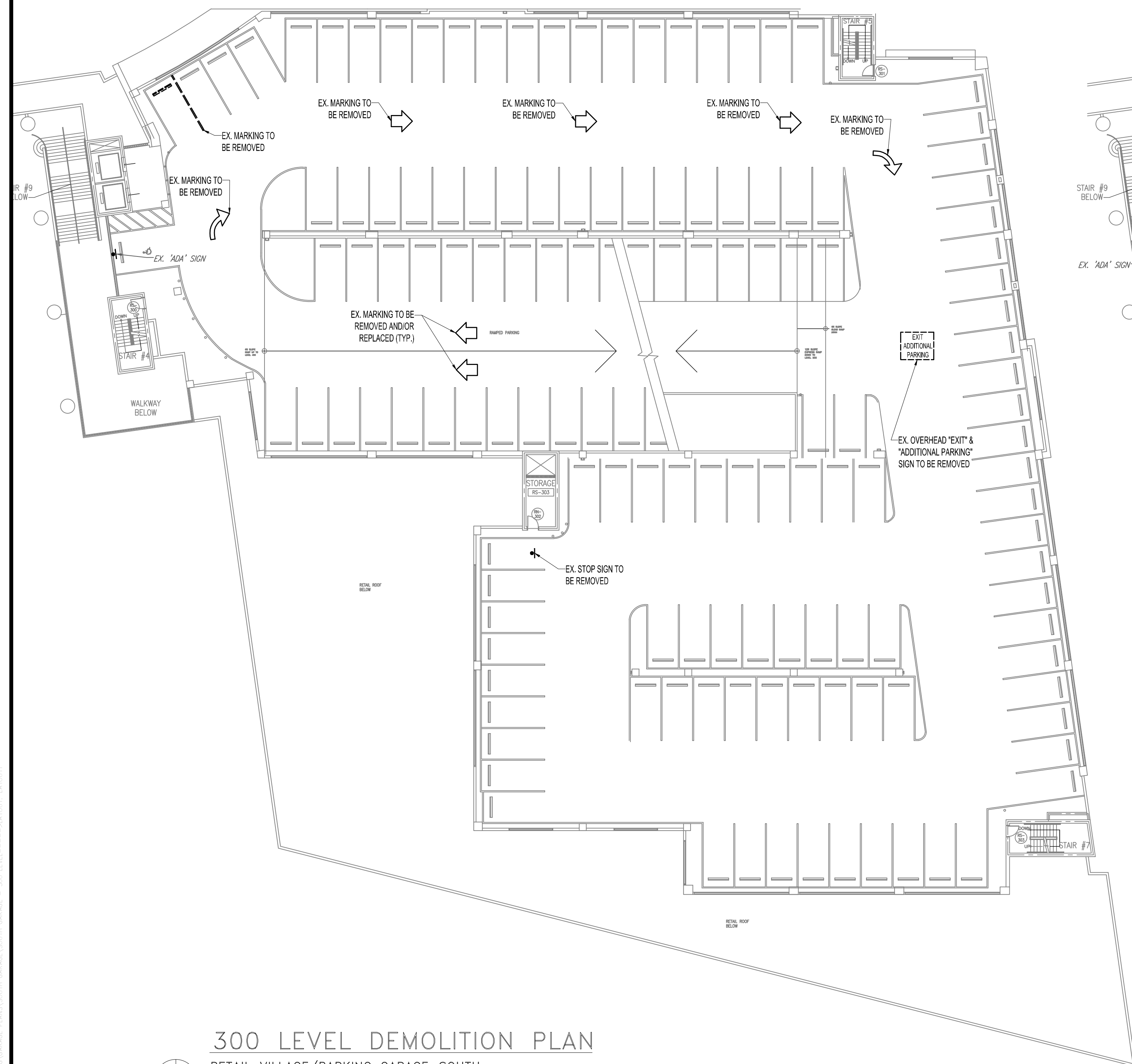
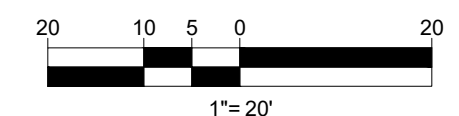
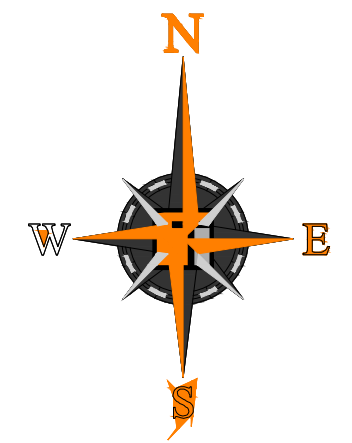


PROPOSED PARKING DATA	
ADA	3 SPACES
REGULAR	107 SPACES
TOTAL	110 SPACES

[illegible]

PROPOSED PARKING DATA	
ADA	2 SPACES
REGULAR	133 SPACES
TOTAL	135 SPACES

PER ORDINANCE: O2000-31 2

[illegible]

Sunshine 811
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!

PROJECT No.:	F220134
DRAWN BY:	CAD
CHECKED BY:	MAT
DATE:	08/21/2023
CAD I.D.:	SOUTH GARAGE - 300 LEVEL

PROJECT:

**DIPLOMAT LANDINGS
HOTEL
3210-3450 OCEAN BLVD
HOLLYWOOD, FL 33019**

FOR

**DIPLOMAT LANDINGS
PHASE 1 OWNER, LLC**



6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
FLORIDA LICENSE No. 50572

October 31, 2023
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

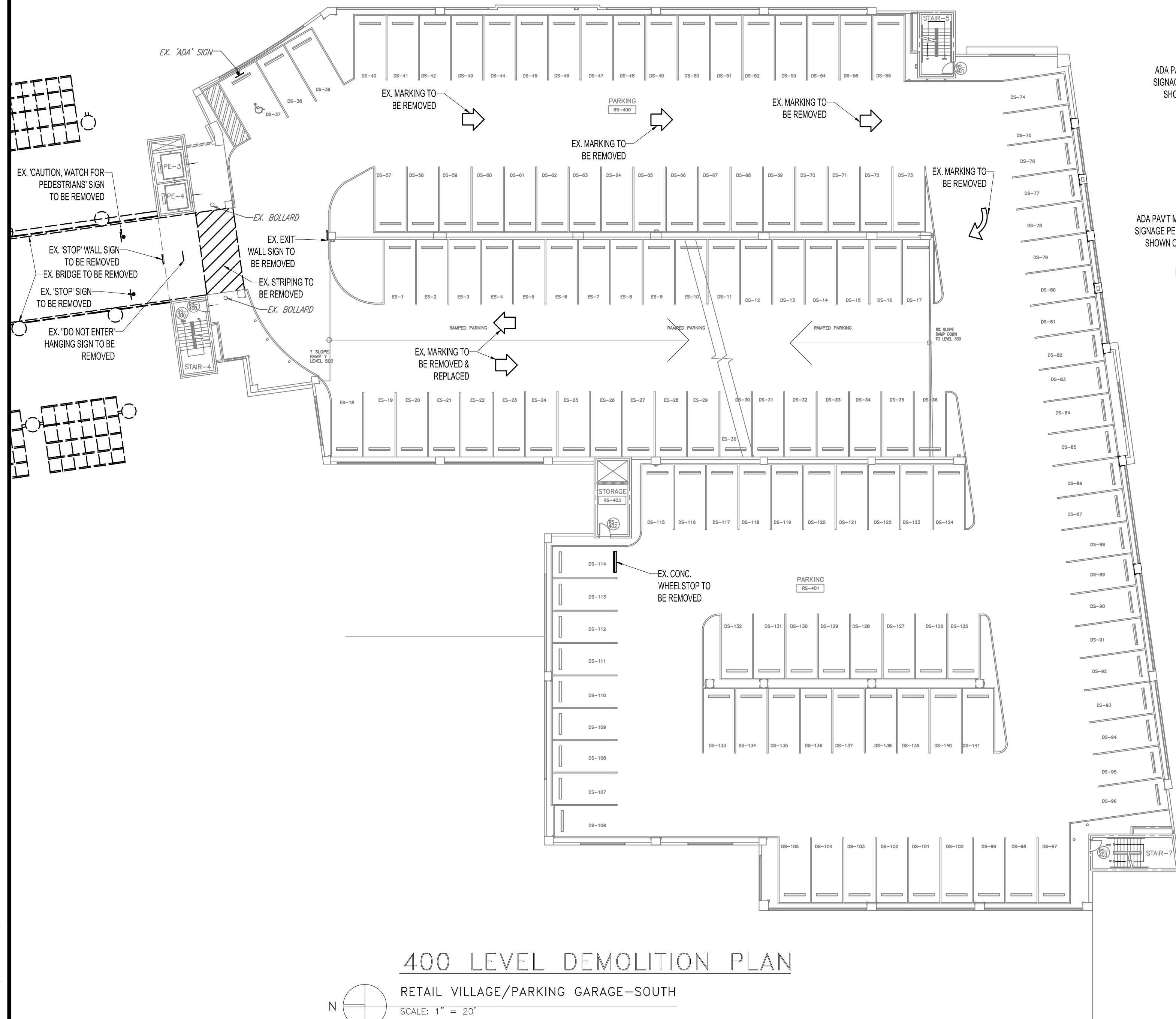
SHEET TITLE:

**PRELIMINARY
SOUTH GARAGE
PLAN 300 LEVEL**

SHEET NUMBER:

GS-1.1

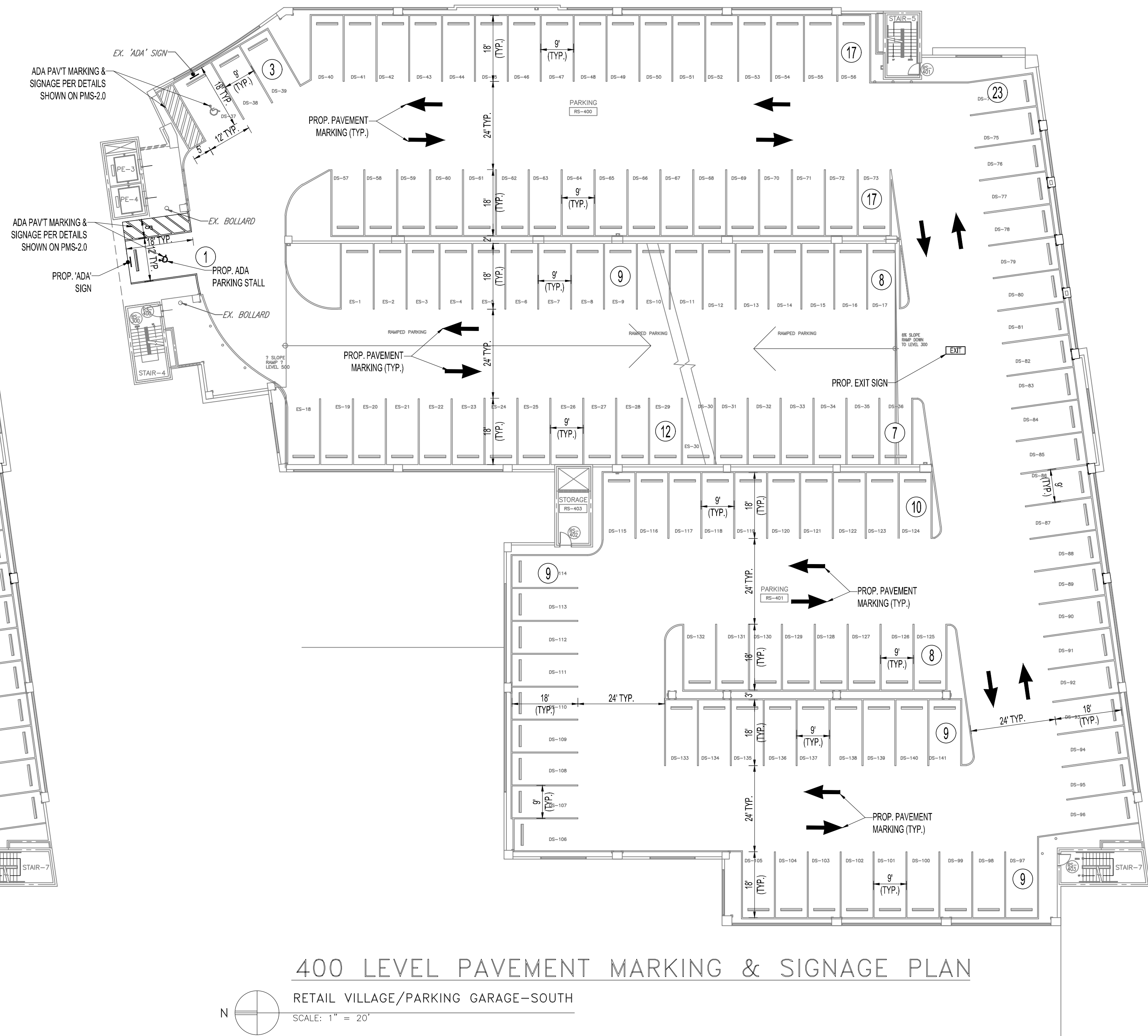
Printed on Tuesday, October 31, 2023, 4:21 PM by Corey Spradinsky
HOLLYWOOD/GARAGE PLANS/SOUTH GARAGE - 400 LEVEL - LAYOUT - THOMAS



400 LEVEL DEMOLITION PLAN

RETAIL VILLAGE/PARKING GARAGE-SOUTH

SCALE: 1" = 20'



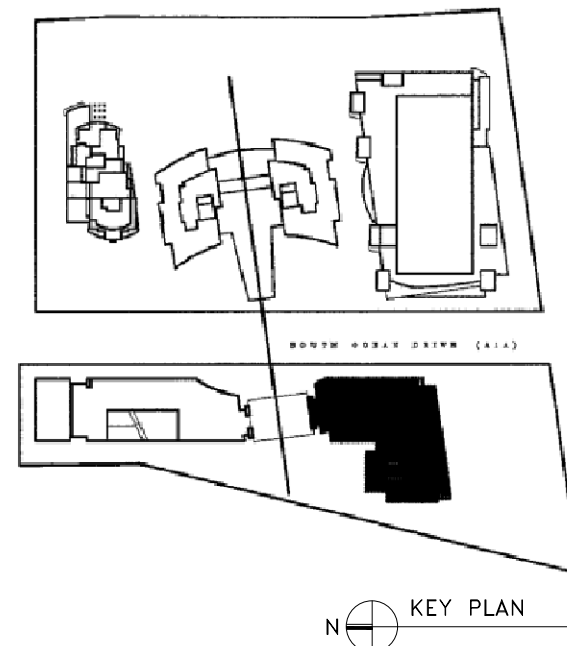
400 LEVEL PAVEMENT MARKING & SIGNAGE PLAN

RETAIL VILLAGE/PARKING GARAGE-SOUTH

SCALE: 1" = 20'

PROPOSED PARKING DATA	
ADA	2 SPACES
REGULAR	140 SPACES
TOTAL	142 SPACES

PER ORDINANCE: O2000-31.2



THOMAS

ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LANDSCAPE ARCHITECTS

1125 W. INDIANTOWN RD.
SUITE 100
JUPITER, FL 33458
P: (813) 379-4100
P: (813) 379-7503

1502 W. FLETCHER AVE.
SUITE 100
TAMPA, FL 33612
P: (813) 379-4100
P: (813) 379-7503

REVISIONS			
REV.	DATE	COMMENT	BY

Sunshine

811

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PROJECT No.:	F220134
DRAWN BY:	CAD
CHECKED BY:	MAT
DATE:	08/21/2023
CAD I.D.:	SOUTH GARAGE - 400 LEVEL

PROJECT:
**DIPLOMAT LANDINGS
HOTEL**
**3210-3450 OCEAN BLVD
HOLLYWOOD, FL 33019**

FOR
**DIPLOMAT LANDINGS
PHASE 1 OWNER, LLC**

THOMAS

ENGINEERING GROUP

6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
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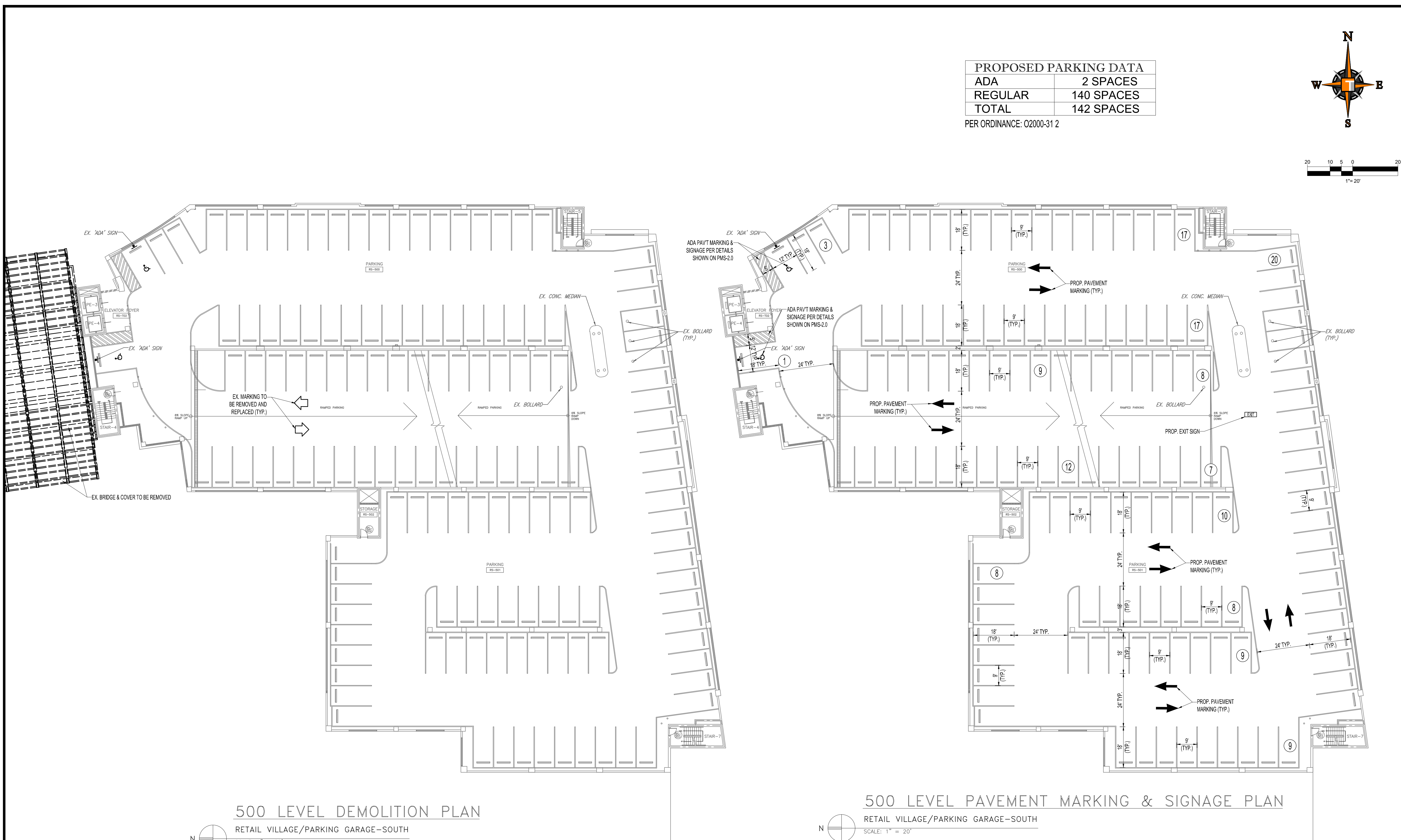
MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
FLORIDA LICENSE No. 55572

October 31, 2023
FLORIDA BUSINESS CERT. OF AUTH. No. 27558
SHEET TITLE:
**PRELIMINARY SOUTH
GARAGE PLAN 400
LEVEL**

SHEET NUMBER:
GS-1.2

Printed on Tuesday, October 31, 2023, 4:21 PM by Corey Spradinsky
HOLLYWOOD/GARAGE PLANS/SOUTH GARAGE SOUTH GARAGE - 500 LEVEL - - - - - NAYDOR - THOMAS



THOMAS
ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

1125 W. INDIANTOWN RD.
SUITE 100
JUPITER, FL 33459
P: (813) 379-4100
P: (561) 263-7503

11602 W. FLETCHER AVE.
SUITE 100
TAMPA, FL 33612
P: (813) 379-4100
P: (561) 263-7503

THE INFORMATION, DESIGN AND CONSTRUCTION OF THIS PLAN ARE PREPARED AND SHALL BE USED FOR THE PURPOSES WHEREIN FROM WHICH THEY WERE PREPARED. NO OTHER USES SHALL BE MADE OF THIS PLAN WITHOUT THE WRITTEN CONSENT OF THOMAS ENGINEERING GROUP, LLC.

REVISIONS			
REV.	DATE	COMMENT	BY

Sunshine811

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PROJECT No.:	F220134
DRAWN BY:	CAD
CHECKED BY:	MAT
DATE:	08/21/2023
CAD I.D.:	SOUTH GARAGE - 500 LEVEL

PROJECT:
**DIPLOMAT LANDINGS
HOTEL**
**3210-3450 OCEAN BLVD
HOLLYWOOD, FL 33019**

FOR
**DIPLOMAT LANDINGS
PHASE 1 OWNER, LLC**

THOMAS
ENGINEERING GROUP

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MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
FLORIDA LICENSE No. 50572

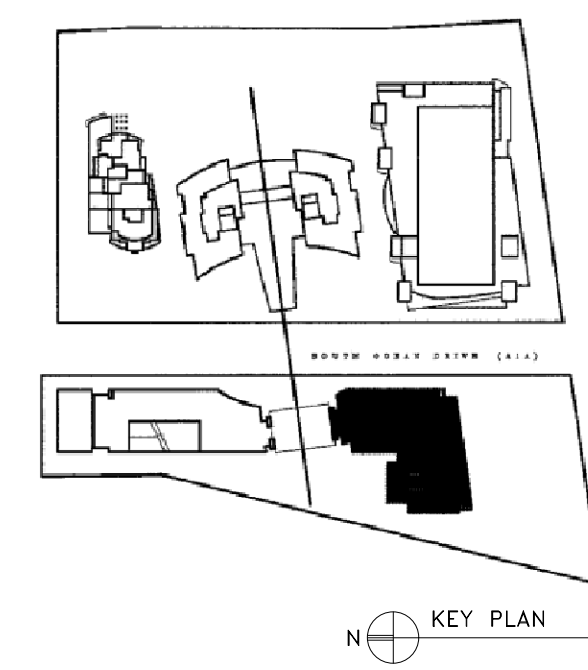
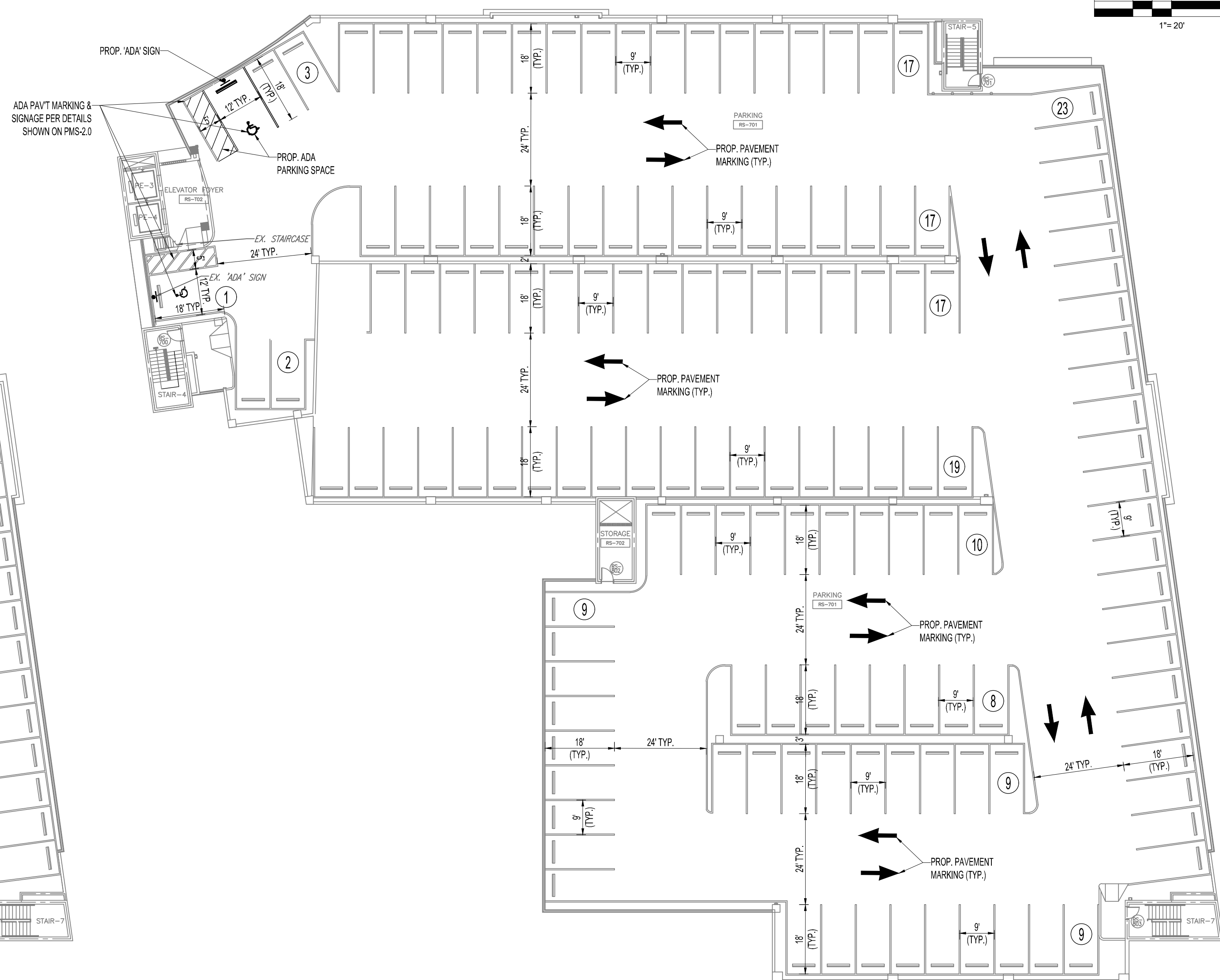
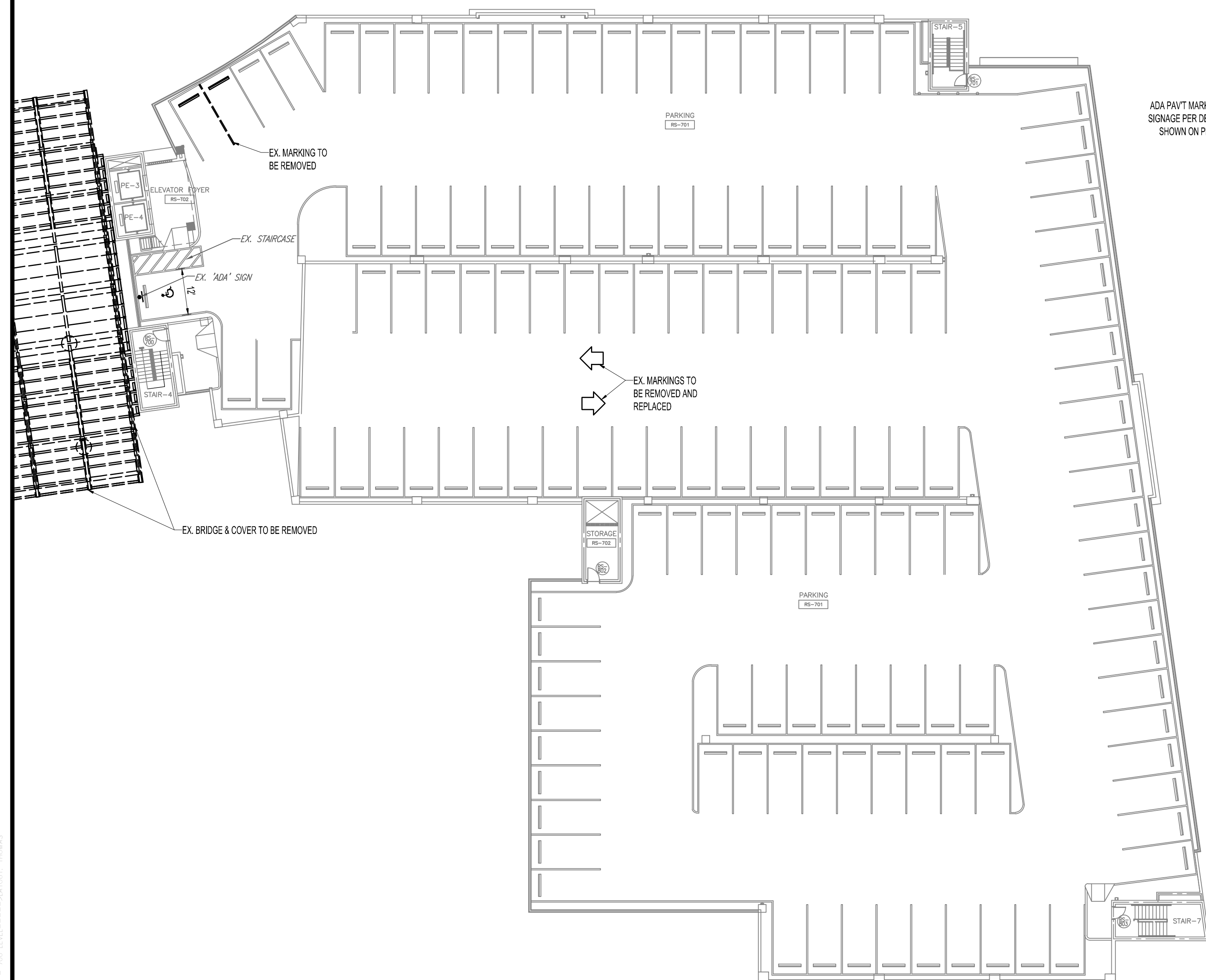
October 31, 2023
FLORIDA BUSINESS CERT. OF AUTH. No. 27558

SHEET TITLE:
**PRELIMINARY
SOUTH GARAGE
PLAN 500 LEVEL**

SHEET NUMBER:
GS-1.3

PROPOSED PARKING DATA	
ADA	2 SPACES
REGULAR	142 SPACES
TOTAL	144 SPACES

PER ORDINANCE: O2000-31 2

[illegible]

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Check positive response codes before you dig!

PROJECT No.:	F220134
DRAWN BY:	CAD
CHECKED BY:	MAT
DATE:	08/21/2023
CAD I.D.:	SOUTH GARAGE - 700 LEVEL

PROJECT:
**DIPLOMAT LANDINGS
HOTEL
3210-3450 OCEAN BLVD
HOLLYWOOD, FL 33019**

FOR

**DIPLOMAT LANDINGS
PHASE 1 OWNER, LLC**



6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
FLORIDA LICENSE No. 50572

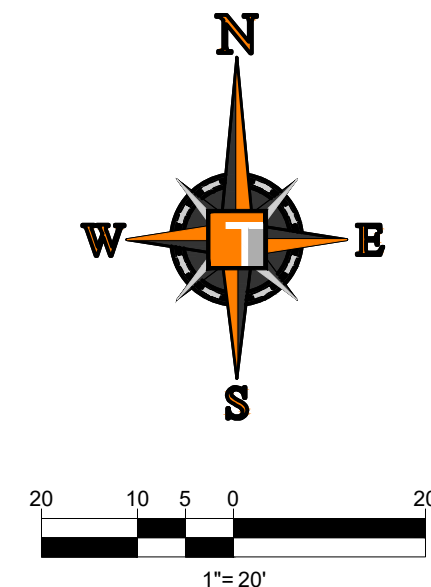
October 31, 2023
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:

**PRELIMINARY
SOUTH GARAGE
PLAN 700 LEVEL**

SHEET NUMBER:

GS-1.5



CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. SIDEWALK, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED, AND ALL CURB/SURFACE MATERIALS SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPE AREA. 2. CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED. 3. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES. 4. CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS. 5. CONTRACTOR TO SOO ALL DISTURBED AREAS, SOODING INCLUDES MAINTAINING SLOPES AND SOO DRAINAGE TO PREVENT EROSION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST. 6. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR. 7. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF ANY OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA. 8. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGE DUE TO CONSTRUCTION OR CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER. 9. NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION. 10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS. 11. THE CONTRACTOR SHALL NOT ENCRONCH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK	12. THE EXISTING UNDERGROUND UTILITIES SHOWN ARE PER ABOVE GRADE SURVEY DATA AND UTILITY AS-BUILT DATA. THIS INFORMATION DOES NOT WARRANT EXACT SIZE AND LOCATION OF THE UTILITIES. ALSO, THERE MAY BE ADDITIONAL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION THAT MAY BE AFFECTED. 13. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING EXISTING UTILITIES DURING THE COURSE OF CONSTRUCTION. 14. PLEASE SEE MEP PLANS FOR CONTINUATION OF ROOF LEADERS. 15. 2.0% MAXIMUM SLOPE ON HANDICAP SPACES AND ADA ACCESS WAYS. 16. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 1.5%. 17. EXISTING COVER MUST BE MAINTAINED ON ALL WATER AND SANITARY LINES. 18. EXISTING SEWER MUST REMAIN FREE FROM CONSTRUCTION DEBRIS AND FLOW MUST BE MAINTAINED. 19. NO STRUCTURES SHALL BE ALLOWED IN UTILITY EASEMENT. 20. SIZE, GRADES, AND LOCATION FOR DRIVEWAY CULVERTS SHALL BE DETERMINED BY THE ENGINEERING DEPT. 21. ALL UNSTABLE MATERIALS SUCH AS MUCK, PEAT, PLASTIC CLAYS, AND/OR MARLS SHALL BE REMOVED FROM ROADBED AREAS. THE AREA SHALL THEN BE BACKFILLED ACCORDING TO THE GEOTECH REPORT.
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NOTE:

- ALL WORK PERFORMED WITHIN N. OCEAN DRIVE RIGHT-OF-WAY IS SUBJECT TO FOOT PERMIT APPROVAL.

- ALL WORK PERFORMED WITHIN N. OCEAN DRIVE RIGHT-OF-WAY IS SUBJECT TO FDOT PERMIT APPROVAL.
- WORK PERFORMED WITHIN FDOT RIGHT-OF-WAY SHALL BE GOVERNED AND CONFORM TO THE LATEST FDOT STANDARD PLANS.

ALL EXISTING SIDEWALKS ALONG THE PROJECT SITE THAT ARE TO BE REPLACED SHALL HAVE A MINIMUM WIDTH OF 5', BE FLUSH THROUGH DRIVEWAYS AND MEET ALL ADA AND FDOT REQUIREMENTS.

THE ROOF DRAINAGE FOR THE PROPOSED BUILDING WILL BE COLLECTED INTERNALLY WITH A RAINWATER LEADER SYSTEM THAT WILL BE CONNECTED TO THE STORM DRAINAGE SYSTEM THAT WILL EVENTUALLY BE DISCHARGED TO THE EXISTING OUTFALL TO THE INTERCOASTAL.

ALL ELEVATIONS ARE BASED ON NORTH AMERICAN
VERTICAL DATUM OF 1988 (NAVD 88).
CONVERSION FROM NAVD TO NGVD IS (+) 1.50',
I.E. 11.50 NAVD = 13.00 NGVD.

EXISTING		PROPOSED
	SANITARY SEWER LATERAL	
	UNDERGROUND WATER LINE	
	UNDERGROUND ELECTRIC LINE	
	UNDERGROUND GAS LINE	
	OVERHEAD WIRE	
	UNDERGROUND TELEPHONE LINE	
	UNDERGROUND CABLE LINE	
	UNDERGROUND RECLAIMED WATER LINE	
	STORM SEWER	
	STORM SEWER EXFILTRATION TRENCH	
	SANITARY SEWER MAIN	
	HYDRANT	
	SANITARY MANHOLE	
	STORM MANHOLE	
	CATCH BASIN	
	GRADE SPOT SHOT	

[illegible]

PROJECT:
**DIPLOMAT LANDINGS
HOTEL**
3310 3450 OCEAN BLVD

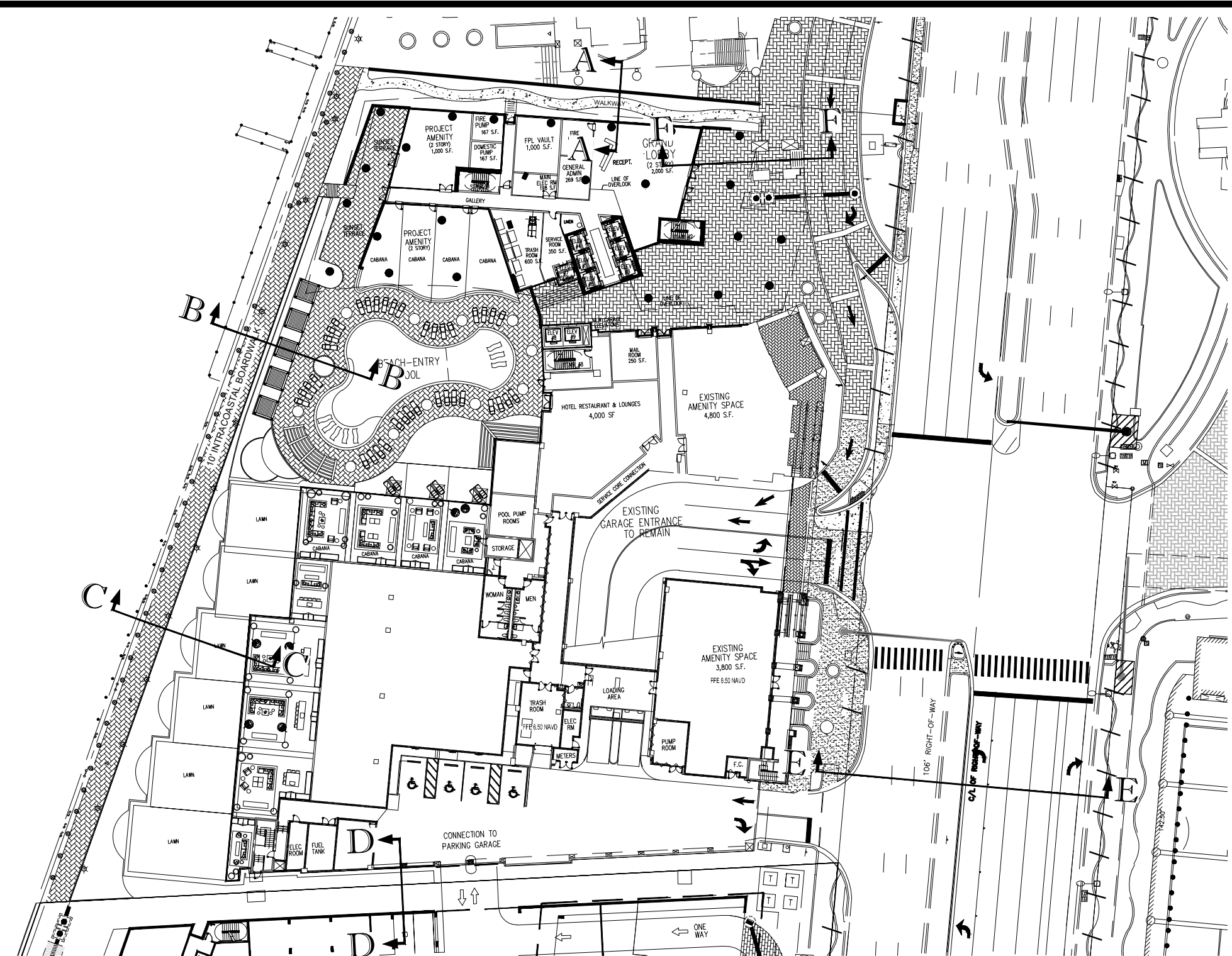
11

MICHAEL A. TROYELL

October 31, 2023
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:

PD-2.0



KEY MAP

NTS



LEGEND

- (A) WEARING SURFACE:
INSTALLATION OF THE 1.5" ASPHALTIC CONCRETE SURFACE COURSE WHICH SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR TYPE SP-9.5 ASPHALTIC CONCRETE. AND SHALL BE CONSTRUCTED WITH (2) LIFTS OF 3/4" SP-9.5 ASPHALTIC CONCRETE WITH TACK COAT BETWEEN LIFTS.
- (B) LIME ROCK BASE:
LIME ROCK BASE COURSE MATERIAL SHALL BE A MINIMUM 8" THICKNESS AND COMPACTED TO 98% MAXIMUM DRY DENSITY PER AASHTO T-180 (LBR 100).
- (C) SUB-BASE:
12" STABILIZED SUB-BASE COMPACTED TO 98% OF MAX. DRY DENSITY PER AASHTO T-180 (MIN LBR 40).
- (D) CONCRETE SIDEWALK:
4" THICK (6" AT DRIVEWAYS) 3,000 PSI CONCRETE @ 28 DAYS WITH FIBER MESH REINFORCEMENT AND EXPANSION JOINTS ALONG STRUCTURES AND CURBING.
- (E) TYPE 'D' CURB PER FDOT STANDARD PLANS 520-001
- (F) TYPE 'F' CURB PER FDOT STANDARD PLANS 520-001
- (G) LANDSCAPE AREA - SEE LANDSCAPE PLAN.
- (H) DROP CURB PER FDOT STANDARD PLANS 520-001

PAVEMENT NOTES:

1. THE FULL DEPTH OF ALL EXISTING ORGANIC AND DELETERIOUS MATERIAL WITHIN THE ROADWAYS, RIGHT-OF-WAYS AND UTILITIES/DRAINAGE EASEMENTS SHALL BE REMOVED. NO MATERIAL OF FDOT CLASS A-5, A-7 OR A-8 SHALL BE ALLOWED.
2. ALL MATERIAL SUPPORTING THE ROADWAY AND SHOULDERS SHALL HAVE A MINIMUM LIMBEROCK BEARING RATIO (L.B.R.) OF 40. THE SUBGRADE SHALL BE 12" COMPACT TO 98% OF MAXIMUM DRY DENSITY PER ASHASTO T-160. THE ENGINEER AND COUNTY INSPECTOR WILL DETERMINE THE L.B.R. AND NUMBER OF TESTS. TESTING, WHICH SHALL BE APPROXIMATELY ONE DENSITY FOR EVERY 1000 SQUARE FEET OF ROAD.
3. LIMBEROCK BASE SHALL BE 8" PRIMED AND SHALL HAVE A MINIMUM LIMBEROCK BEARING RATIO (L.B.R.) OF 40. SHALL BE OF THE MAMF TYPE, HAVING A MINIMUM PERCENTAGE OF CARBONATES OF CALCIUM AND MAGNESIUM OF 90, UNLESS OTHERWISE APPROVED. BASE MATERIAL SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASHASTO T-160 UNDER ALL PAVED AREAS.
4. BASE COURSE CONSTRUCTION SHALL NOT BE STARTED UNTIL ALL UNDERGROUND CONSTRUCTION IN THE VICINITY HAS BEEN INSTALLED, TESTED AND ACCEPTED.
5. PRIME AND TACK COAT FOR BASE SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF SECTIONS 300.1 THROUGH 300.7 OF F.D.O.T. STANDARDS SPECIFICATIONS. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALONS PER SQUARE YARD.
6. APPLY TACK COAT BETWEEN PAWING COURSES AS PER F.D.O.T. MINIMUM STANDARDS (0.05 GAL/SYD).
7. ALL GRADES SHOWN ARE FINISH ASPHALT PAVEMENT GRADES (2ND LIFT) UNLESS OTHERWISE NOTED.
8. ALL REPAIRS TO EXISTING PAVEMENT SHALL REQUIRE SAW-CUT EDGES PRIOR TO REPLAYING ASPHALT. UTILITY PIPES OR WIRING LESS THAN FOUR (4) INCHES IN DIAMETER REQUIRES A SCHEDULE 40 PVC CASING PIPE WITH SAND BACKFILLS UNDER PAVED AREAS ONLY.
9. ALL EXISTING CONTROL POINTS AND/OR REFERENCE MARKERS SHALL BE RAISED TO FINAL GRADE. THESE POINTS AND REFERENCE MARKERS SHALL BE LOCATED AND NOTED ON THE PLAN.
10. LABORATORY PROCTOR COMPACT TEST (T-160) SHALL BE PERFORMED ON ALL MATERIAL, SUBGRADE AND BASE AND ANY SUBSEQUENT CHANGES IN MATERIALS. LIMBEROCK BEARING RATIOS, L.B.R. TESTS AND DENSITIES REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE ENGINEER/OF-RECORD.



NOTE:

- ALL WORK PERFORMED WITHIN N. OCEAN DRIVE RIGHT-OF-WAY IS SUBJECT TO FDOT PERMIT APPROVAL.
- WORK PERFORMED WITHIN FDOT RIGHT-OF-WAY SHALL BE GOVERNED AND CONFORM TO THE LATEST FDOT STANDARD PLANS.

BROWARD COUNTY REQUIRES A MINIMUM OF 72 HOURS NOTICE FOR ON-SITE FIELD INSPECTIONS

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

ALL SIGNS MUST MEET MUTCD, BCTED, AND CITY STANDARDS. ALL SIGNS MUST BE MOUNTED ON BROWARD COUNTY TRAFFIC ENGINEERING SQUARE POSTS AND BE MOUNTED 7 FEET ABOVE GROUND.

PAVEMENT MARKINGS MUST MEET BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

BCTED NOTE:

ALL TYPE XI SIGNING SHALL BE FABRICATED USING DIAMOND GRADE SHEETING AS PER BROWARD COUNTY TRAFFIC ENGINEERING STANDARD, (CURRENT EDITION)

ALL PAVEMENT MARKINGS AND SIGNING DAMAGED DURING CONSTRUCTION, SHALL BE RESTORED TO BROWARD COUNTY TRAFFIC ENGINEERING STANDARD, (CURRENT EDITION)

NOTE:

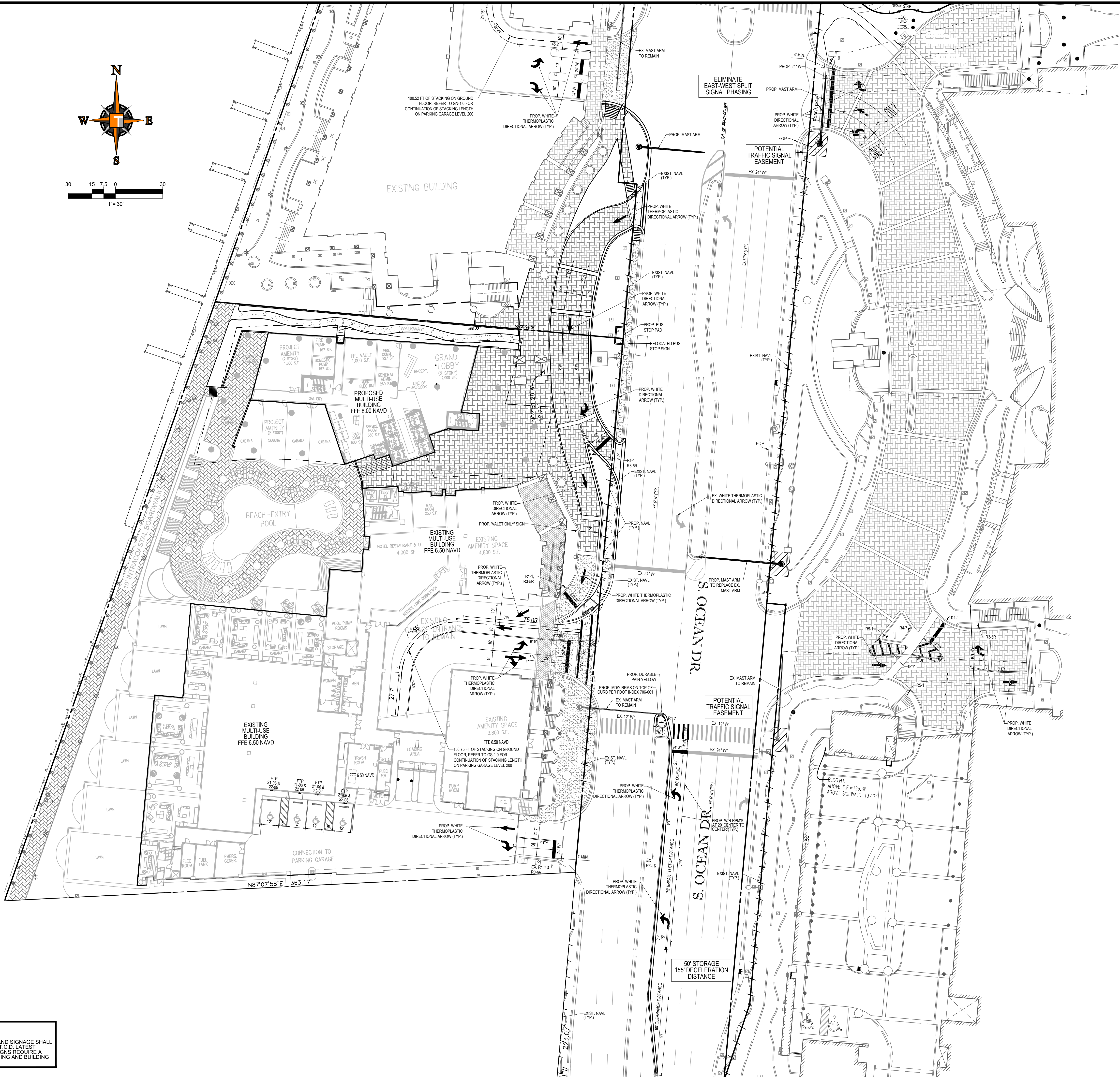
- ALL WORK PERFORMED WITHIN N. OCEAN DRIVE RIGHT-OF-WAY IS SUBJECT TO FDOT PERMIT APPROVAL.
- WORK PERFORMED WITHIN FDOT RIGHT-OF-WAY SHALL BE GOVERNED AND CONFORM TO THE LATEST FDOT STANDARD PLANS.

LEGEND

R1-1	STOP SIGN
R3-SR	RIGHT TURN ONLY
R4-7	KEEP RIGHT
R5-1	DO NOT ENTER
R6-1R	ONE WAY
FTP 21-06	ADA SIGN PER FDOT STD. PLANS, INDEX 700-102
FTP 22-06	ADA SUPPLEMENTAL SIGN PER FDOT STD. PLANS, INDEX 700-102
Y	WHITE
W	WHITE THERMOPLASTIC

NOTE:

ALL STRIPING AND SIGNAGE SHALL MEET THE M.U.T.C.D. LATEST EDITION. ALL SIGNS REQUIRE A SEPARATE ZONING AND BUILDING PERMIT



REVISIONS

REV: DATE: COMMENT: BY:

Sunshine 811

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!

PROJECT No.: F220134

DRAWN BY: CAD

CHECKED BY: MAT

DATE: 08/21/2023

CAD I.D.: F220134-PRE-PMS

PROJECT:

DIPLOMAT LANDINGS

HOTEL

3210-3450 OCEAN BLVD

HOLLYWOOD, FL 33019

FOR

DIPLOMAT LANDINGS

PHASE 1 OWNER, LLC

MICHAEL A. TROXELL

PROFESSIONAL ENGINEER

FLORIDA LICENSE No. 50572

October 31, 2023

FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:

PRELIMINARY

PAVEMENT MARKING &

SIGNAGE PLAN

SHEET NUMBER:

PMS-1.0

1. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING SITE IMPROVEMENTS AND UTILITIES. ALL DISCREPANCIES SHALL BE IDENTIFIED PRIOR TO CONSTRUCTION.

2. ALL EXISTING UTILITIES SHALL BE REMOVED BY CONTRACTOR IN ACCORDANCE WITH CITY OF HOLLYWOOD AND LOCAL UTILITY COMPANY REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL UTILITIES IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

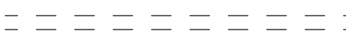
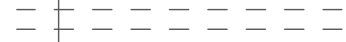
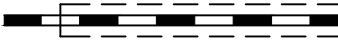
3. ALL HYDRANTS SHALL FALL WITHIN 4' OF THE CURB.

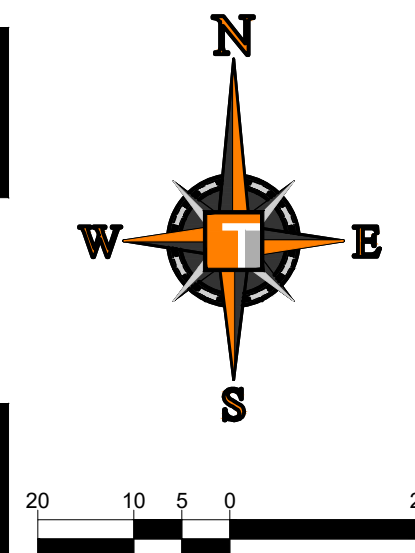
4. MINIMUM 6" CLEARANCE SHALL BE MAINTAINED AROUND THE HYDRANT CIRCUMFERENCE. THE HYDRANT SHALL FACE THE ROADWAY.

5. ALL FIRE HYDRANTS SHOULD HAVE BLUE REFLECTIVE MARKERS.

6. WATER SHALL BE ON SITE BEFORE CONSTRUCTION BEGINS.

7. CATCH BASINS INSTALLED IN ASPHALT MUST BE INSTALLED IN A CITY BOX MARKED SEWER.

EXISTING		PROPOSED
	SANITARY SEWER LATERAL	
	UNDERGROUND WATER LINE	
	UNDERGROUND ELECTRIC LINE	
	UNDERGROUND GAS LINE	
	OVERHEAD WIRE	
	UNDERGROUND TELEPHONE LINE	
	UNDERGROUND CABLE LINE	
	UNDERGROUND RECLAIMED WATER LINE	
	STORM SEWER	
	STORM SEWER EXFILTRATION TRENCH	
	SANITARY SEWER MAIN	
	HYDRANT	
	SANITARY MANHOLE	
	STORM MANHOLE	
	CATCH BASIN	
	GRADE SPOT SHOT	



HOMAS
ENGINEERING GROUP

111 ENGINEERS • PROJECT MANAGERS • LAND PLANNING • LANDSCAPE ARCHITECTS

1650 W. FLETCHER AVE.
UNIT NO. 101
TAMPA, FL 33612
P: (813) 379-4100

125 W. INDIANTOWN RD.
SUITE 200
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[illegible]

Sunshine 811
Call 811 or visit sunshine811.com two full business days before digging to have your underground utilities located.

buried facilities located and marked.

PROJECT No.:	F22013
DRAWN BY:	CA
CHECKED BY:	MA
DATE:	08/21/202
CAD I.D.:	F220134-PRE-WS

PROJECT:

**DIPLOMAT LANDINGS
HOTEL
3210-3450 OCEAN BLVD
HOLLYWOOD, FL 33020**

HOLLYWOOD, FL 33011

FOR

**DIPLOMAT LANDINGS
PHASE 1 OWNER, LLC**



6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070

MICHAEL A. TROYELL

MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
FLORIDA LICENSE No. 50572

October 31, 2023

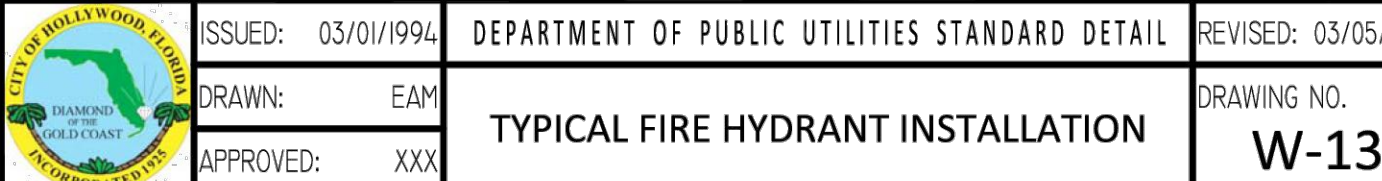
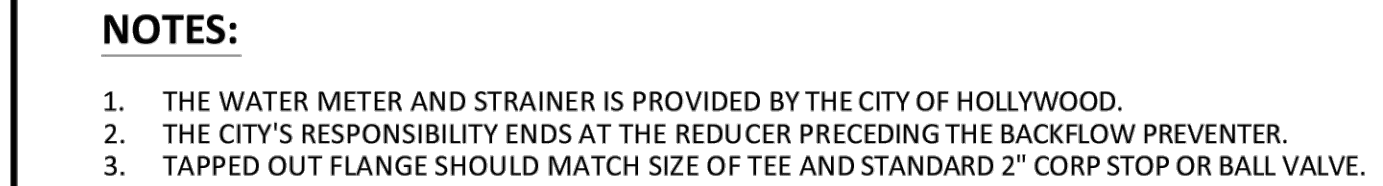
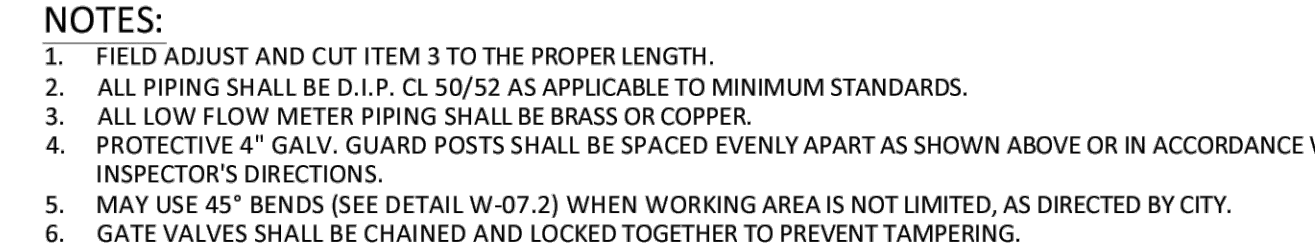
SHEET TITLE:

PRELIMINARY UTILITY PLAN

PLAN

U-10

1. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
12. ALL PVC PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C300 LATEST REVISION AND CLASS DR 18. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PIPE CLASS 350, WITH WALL THICKNESS COMPLYING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03.
13. FITTINGS SHALL BE DUCTILE IRON, MEETING ANSI/AWWA C153/A21.53-00 SPECIFICATIONS, WITH 350 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.
14. ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINTS, WRAPPED IN POLY. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
15. PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
16. ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS.
17. THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP) OR 36" (PVC).
18. MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 3'.
19. MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURERS RECOMMENDATION (MAXIMUM) WHERE DEFLECTION IS REQUIRED.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
21. PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBAA (IRON INC., MEGALUG OR APPROVED EQUAL. JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET) FROM ANY FITTING.
22. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.



	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 03/05/2019
	DRAWN: EAM	TYPICAL FIRE HYDRANT INSTALLATION	DRAWING NO. W-13
	APPROVED: XXX		

1. IN ALL CASES, PROVIDE 4' UNOBSTRUCTED SIDEWALK CLEAR OF THE FIRE HYDRANT AND BOLLARDS.
2. FIRE HYDRANTS SHALL BE LOCATED BETWEEN 4' AND 7' FROM THE FACE OF CURB.
3. FIRE HYDRANTS SHALL NOT BE LOCATED WITHIN A RADIUS OR WITHIN FDOT CLEAR DRIVING ZONE.
4. GUARD POSTS SHALL BE INSTALLED AS REQUIRED FOR SAFETY OR AS APPROVED BY THE DEPT. OF PUBLIC UTILITIES. IN SIDEWALK, LOCATE GUARD POSTS AT THE FACE OF THE PUMPER AND 2'-6" LEFT/RIGHT OF C. OF THE FIRE HYDRANT. EXTRA POSTS MAY BE REQUIRED IN INDUSTRIAL AND CONGESTED TRAFFIC AREAS. (4 POSTS MAX.)
5. FIRE HYDRANT CONCRETE SLAB AND CONCRETE GUARD POST FOOTINGS SHALL BE DIFFERENT POURS.
6. THE FIRE HYDRANT BONNET, OPERATING NUT, HOLD-DOWN NUT, PUMPER CAP AND HOSE CAPS SHALL BE PAINTED GREEN, AND THE HYDRANT UPPER BARREL SHALL BE PAINTED SILVER IN ACCORDANCE WITH CITY SPECIFICATIONS.

- 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.
2. THE PRESSURE TEST SHALL BE PERFORMED FOR 2 HOURS (AC) AT A CONSTANT PRESSURE OF 150 PSI AND IN ACCORDANCE WITH RULE 62-555.330 (FAC) C600 AWWA LATEST REVISION, EXCEPT AS OTHERWISE SPECIFIED HEREIN AND IN SPECIFICATION SECTION 15995, "PIPELINE 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:
$$L = \frac{S \times D \times \sqrt{P}}{148,000}$$

L = THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
S = THE LENGTH OF PIPE BEING TESTED.
D = THE NOMINAL DIAMETER OF THE PIPE BEING TESTED.
P = THE AVERAGE TEST PRESSURE IN POUNDS PER SQUARE INCH.
3. THE COMPLETE LENGTH OF THE PROPOSED WATER MAIN SHALL BE TESTED, IN LENGTHS NOT TO EXCEED 2,000 FEET PER TEST.
4. PROPOSED WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI/AWWA STANDARD C651 AND BACTERIOLOGICAL TESTED FOR TWO CONSECUTIVE DAYS IN ACCORDANCE WITH SPECIFICATION SECTION 15995, "PIPELINE TESTING AND DISINFECTION".
5. BACTERIOLOGICAL TESTS SHALL BE REQUESTED AND PAID FOR BY THE CONTRACTOR.
6. 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 INTO SERVICE. SAMPLE COLLECTION AND BACTERIOLOGICAL ANALYSES SHALL BE PERFORMED IN ACCORDANCE WITH RULES 62-555.315(f), 62-555.340 AND 62-555.330 (FAC), AS WELL AS ALL REQUIREMENTS OF THE BROWARD COUNTY HEALTH DEPARTMENT PERMIT.
7. 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.



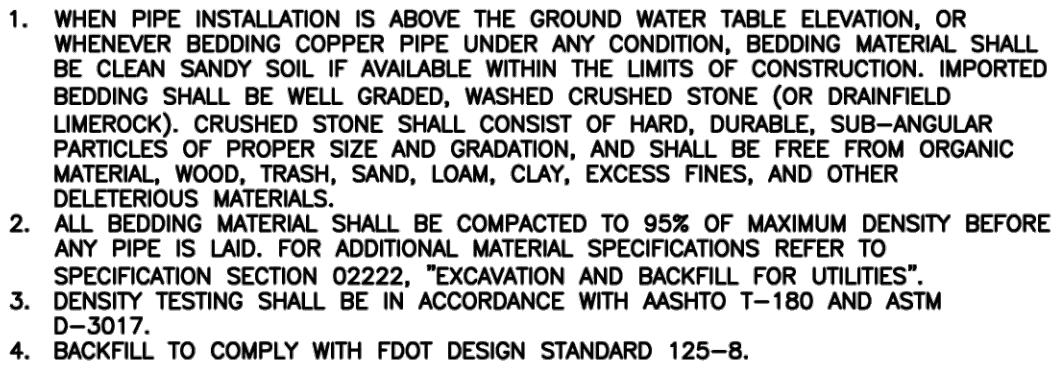
	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
	DRAWN: EAM	SAMPLING POINT DETAIL	DRAWING NO.
	APPROVED: XXX		W-16

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OTHER PIPE	HORIZONTAL SEPARATION	CROSSING (1), (4)	JOINT SPACING @ CROSSING (FULL JOINT CENTERED) (8)
STORM SEWER, STORM WATER FORCE MAIN, RECLAIMED WATER (2)	3 ft minimum	12 inches is the minimum except for storm sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 3 ft minimum
GRAVITY SANITARY SEWER, (3) SANITARY SEWER FORCE MAIN, RECLAIMED WATER	10 ft preferred 6 ft minimum	12 inches is the minimum except for gravity sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 6 ft minimum
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 ft minimum	—	—

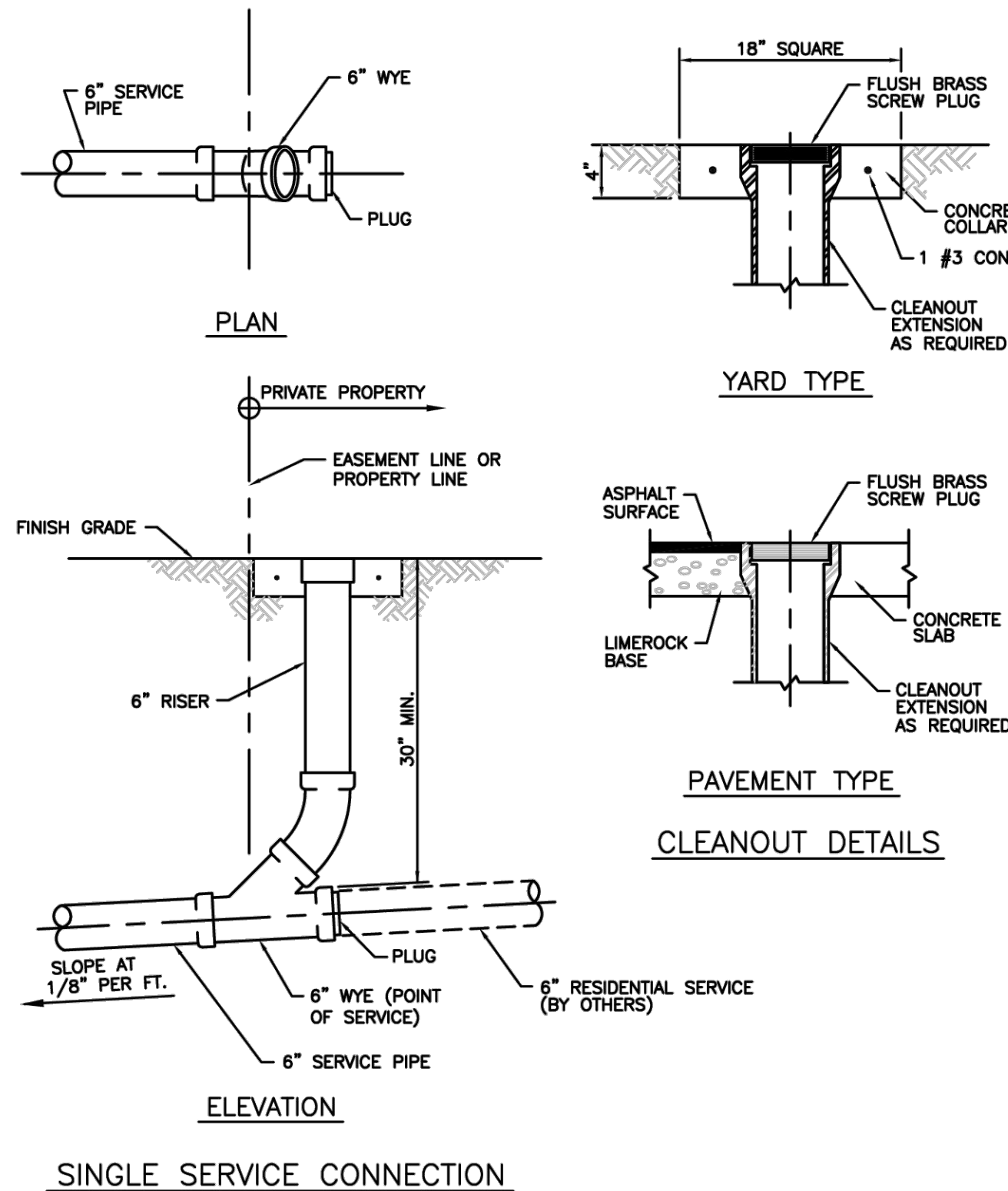
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- Diagram illustrating the cross-section of a trench and its backfill requirements:
- Top Layer:** BOTTOM OF ROADWAY BASE OR EXISTING GROUND
 - Backfill Layers:**
 - GENERAL BACKFILL SHALL BE PLACED IN LAYERS NOT TO EXCEED 12" IN THICKNESS. EACH LAYER SHALL BE COMPACTED TO 100% OF MAXIMUM DRY DENSITY
 - SELECT BACKFILL SHALL BE PLACED IN LAYERS NOT TO EXCEED 6" IN THICKNESS. EACH LAYER SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY
 - Initial Backfill:** Indicated by a bracket for the first 12" layer.
 - Haunching:** Indicated by a bracket for the layer immediately surrounding the pipe.
 - Bedding:** Indicated by a bracket for the layer below the haunching.
 - Backfill Consolidated to Centerline of Pipe:** Indicated by a bracket for the layer below the bedding.
 - Flat or Restored Trench Bottom:** Indicated by a bracket for the bottom layer.
 - Dimensions:**
 - 12" (Maximum thickness of general backfill layer)
 - 6" MIN. (Minimum thickness of select backfill layer)
 - PIPE O.D. + 2' MAXIMUM (Maximum width of backfill layer)
 - PIPE O.D. + 1' MINIMUM (Minimum width of backfill layer)
 - TRENCH WIDTH (Overall width of the trench)
 - Notes:**
 - FOR PAVEMENT RESTORATION REFER TO FDOT, BROWARD COUNTY PUBLIC WORKS, OR RIGHT-OF-WAY OWNER'S PAVEMENT RESTORATION DETAILS
 - VARIES (Indicates that the width of the backfill layer varies based on the specific project requirements)

1. WHEN PIPE INSTALLATION IS ABOVE THE GROUND WATER TABLE ELEVATION, OR WHENEVER BEDDING COPPER PIPE UNDER ANY CONDITION, BEDDING MATERIAL SHALL BE BLENDED TO THE FOLLOWING SPECIFICATIONS: BEDDING MATERIAL IMPORTED BEDDING SHALL BE WELL GRADED, WASHED CRUSHED STONE (OR DRAINFIELD LIMEROCK), CRUSHED STONE SHALL CONSIST OF HARD, DURABLE, SUB-ANGULAR PARTICLES OF PROPER SIZE AND GRADATION, AND SHALL BE FREE FROM ORGANIC MATERIAL, WOOD, TRASH, SAND, LOAM, CLAY, EXCESS FINES, AND OTHER DELETERIOUS MATERIALS.
2. ALL BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BEFORE ANY PIPE IS LAID, FOR ADDITIONAL MATERIAL SPECIFICATIONS REFER TO SPECIFICATION SECTION 02222, EXCAVATION AND BACKFILL FOR UTILITIES.
3. DENSITY TESTING SHALL BE DONE AT 10' INTERVALS FROM 1'-180 AND ASTM D-3017.
4. BACKFILL TO COMPLY WITH FDOT DESIGN STANDARDS 125-8.



1. THE ABOVE DETAILS APPLY ONLY TO ASPHALT PAVEMENT RESTORATION OVER UTILITY TRENCHES CUT WITHIN CITY OF HOLLYWOOD RIGHTS-OF-WAY. FOR PAVEMENT RESTORATION WITHIN BROWARD COUNTY OR FDOT RIGHTS-OF-WAY REFER TO THE CORRESPONDING DETAILS FOR THOSE AGENCIES.
2. LIMEROCK BASE MATERIAL SHALL HAVE A MINIMUM L.B.R. OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%. REPLACED BASE MATERIAL OVER TRENCH SHALL BE A MINIMUM OF 12" THICK".
3. LIMEROCK BASE MATERIAL SHALL BE PLACED IN 12" MAXIMUM (LOOSE MEASUREMENT) THICKNESS LAYERS WITH EACH LAYER THOROUGHLY ROLLED OR TAMPED AND COMPACTED TO 100% OF MAXIMUM DENSITY, PER AASHTO T-180, PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
4. STABILIZED SUBGRADE MATERIAL SHALL BE GRANULAR AND SHALL HAVE A MINIMUM L.B.R. OF 40.
5. BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PIPE LAYING CONDITION TYPICAL SECTIONS IN DETAILS G-02 AND G-03, AND THE SPECIFICATIONS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
6. ALL EDGES AND JOINTS OF EXISTING ASPHALT PAVEMENT SHALL BE SAW CUT TO STRAIGHT LINES, PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO THE RESURFACING.
7. RESURFACING MATERIAL SHALL BE FDOT SUPERPAVE, AND SHALL BE APPLIED A MINIMUM OF TWO INCH IN THICKNESS.
8. MILL AND BUTT JOINT TO EXISTING PAVEMENT.
9. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
10. REFER TO SPECIFICATIONS FOR DETAILED PROCEDURES.
11. WHERE THE UTILITY TRENCH CROSSES EXISTING ASPHALT DRIVEWAYS, THE LIMEROCK BASE THICKNESS MAY BE A MINIMUM OF 6 INCHES THICK. REGARDLESS OF THE EXTENT OF IMPACT, THE ENTIRE DRIVEWAY SURFACE BETWEEN THE EDGE OF THE ROADWAY PAVEMENT AND PROPERTY LINE OR FRONT OF SIDEWALK SHALL BE OVERLAID USING 2-INCH THICK MINIMUM ASPHALTIC CONCRETE SURFACE COURSE WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE CITY/ENGINEER.

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
	DRAWN: EAM	FLEXIBLE PAVEMENT RESTORATION NOTES	DRAWING NO.
	APPROVED: XXX		G-12



	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
	DRAWN: EAM	SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE	DRAWING NO.
	APPROVED: xxx		S-12

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
	DRAWN: EAM	SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE	DRAWING NO.
	APPROVED: xxx		S-12

HOMAS
ENGINEERING GROUP

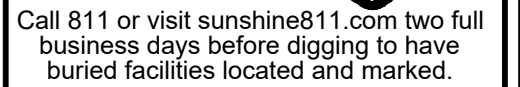
■ IL FRONTIERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

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■ 2015 HENRY HOPKINS DRIVE, SUITE 100
HOUSTON, TEXAS 77057
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Check positive response codes before you dig!

PROJECT No.: F220134
DRAWN BY: CAD
CHECKED BY: MAT
DATE: 08/21/2023
CAD I.D.: F220134 WSU-DTLS

PROJECT:

**DIPLOMAT LANDINGS
HOTEL
3210-3450 OCEAN BLVD
HOLLYWOOD, FL 33019**

— FOR —

**DIPLOMAT LANDINGS
PHASE 1 OWNER, LLC**



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FLORIDA LICENSE No. 50572

October 31, 2023
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:

UTILITY DETAILS

SHEET NUMBER:

U-2.1