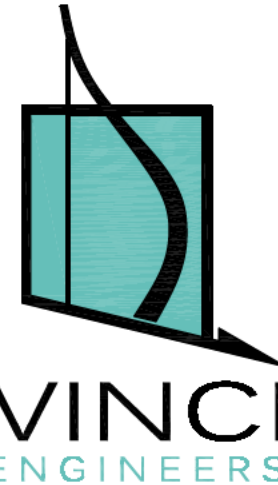




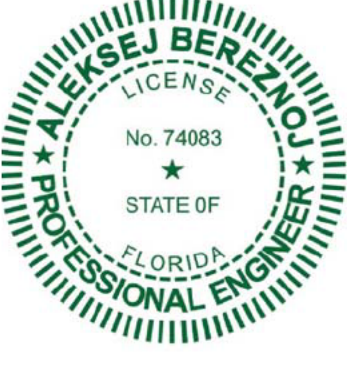
RENDERING OF THE PROPOSED BUILDING FROM MADISON ST



VINCI
ENGINEERS

K-2 Design, Inc.
200 SE 4th Street,
Hallandale Beach, FL 33009
Phone: 786.607.3797
Fax: 954.212.0165
manager@vinciengineers.com
www.vinciengineers.com
www.k-2design.com

This item has been digitally signed and seal by
Aleksiej Bereznoj, and printed copies of this
document are not considered and sealed and the
signature must be verified on any electronic copies.



ALEKSEJ BEREZNOJ
P.E. #74083, COA #31719

NEW RESIDENTIAL APARTMENTS

2241 MADISON ST
HOLLYWOOD, FL 33020

REVISIONS:

SCHEMATIC DESIGN	<input type="checkbox"/>
CLIENT APPROVAL	<input type="checkbox"/>
LANDLORD APPROVAL	<input type="checkbox"/>
BIDDING	<input type="checkbox"/>
PERMIT SET	<input type="checkbox"/>
FOR CONSTRUCTION	<input type="checkbox"/>
OWNER REQUESTED REVISION	<input type="checkbox"/>

SCALE	AS SHOWN
PROJECT NO.	24-73
DRAWN BY:	S.K.
CHECKED BY:	A.B.
DATE	12/4/2024

A-9.5

Rendering

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NOTE:
F.F.E. WAS PROVIDED BY OTHERS

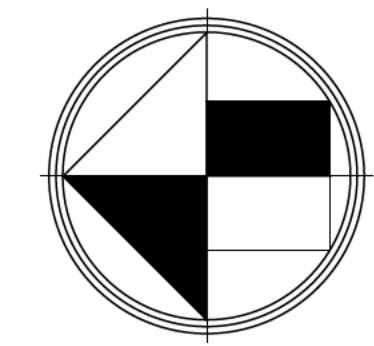
NOTE:
ALL EXISTING AND PROPOSED GRADES
REFER TO 1988 NAVD DATUM

GENERAL NOTES:

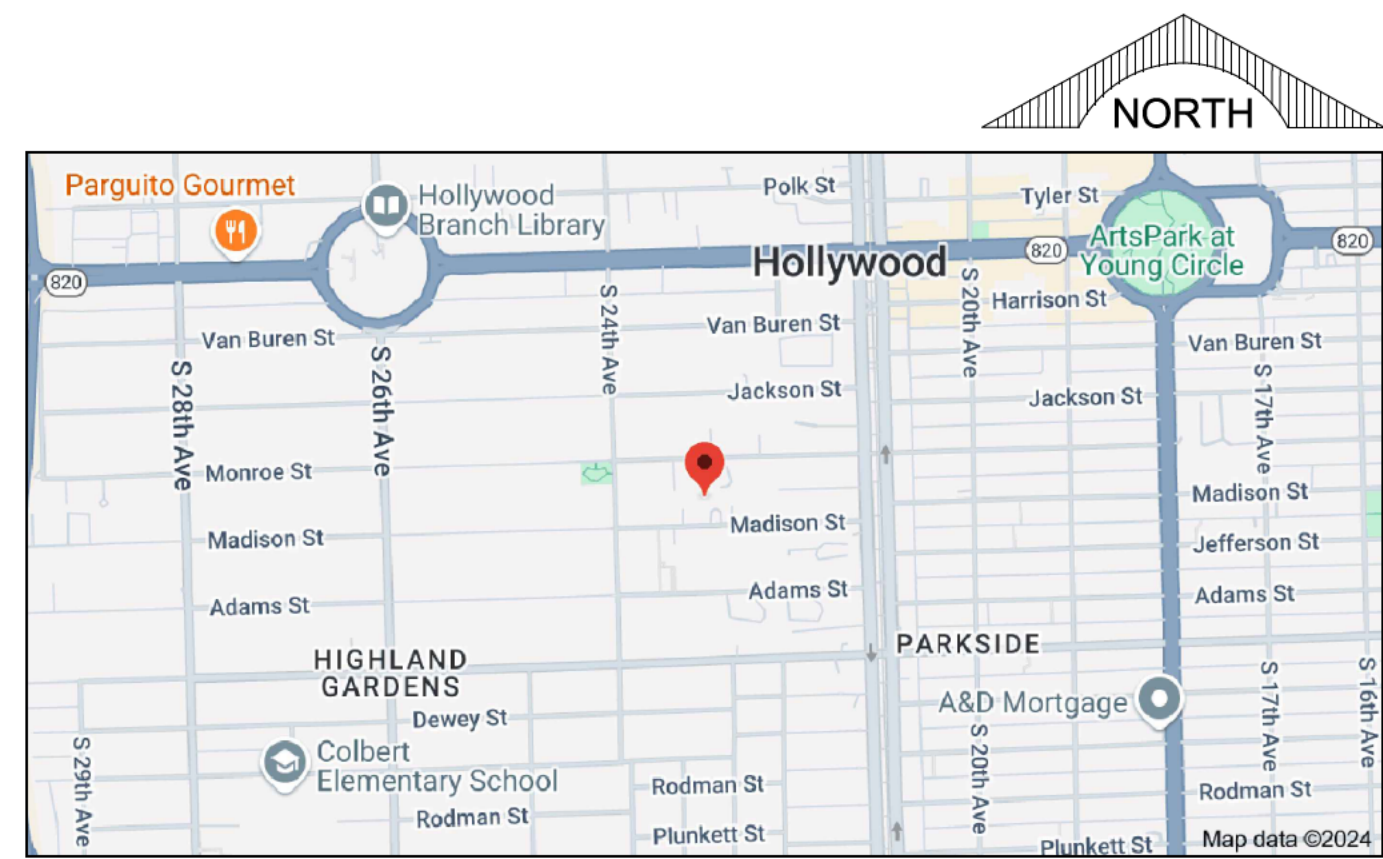
1. SEE ARCHITECTURAL PLAN FOR ALL SITE DIMENSIONS AND SET-BACKS.
2. SEE ARCHITECTURAL SITE PLAN FOR SITE PAVING MARKINGS.
3. SEE PLUMBING PLANS FOR SANITARY FOR SANITARY, DOMESTIC WATER SERVICE & FIRE SERVICE.
4. PHYSICAL SEPARATION BETWEEN THE BUILDING AND THE WATER AND SEWER SERVICE LINES IS REQUIRED PRIOR TO BUILDING DEMO. SCHEDULE INSPECTIONS ACCORDINGLY.

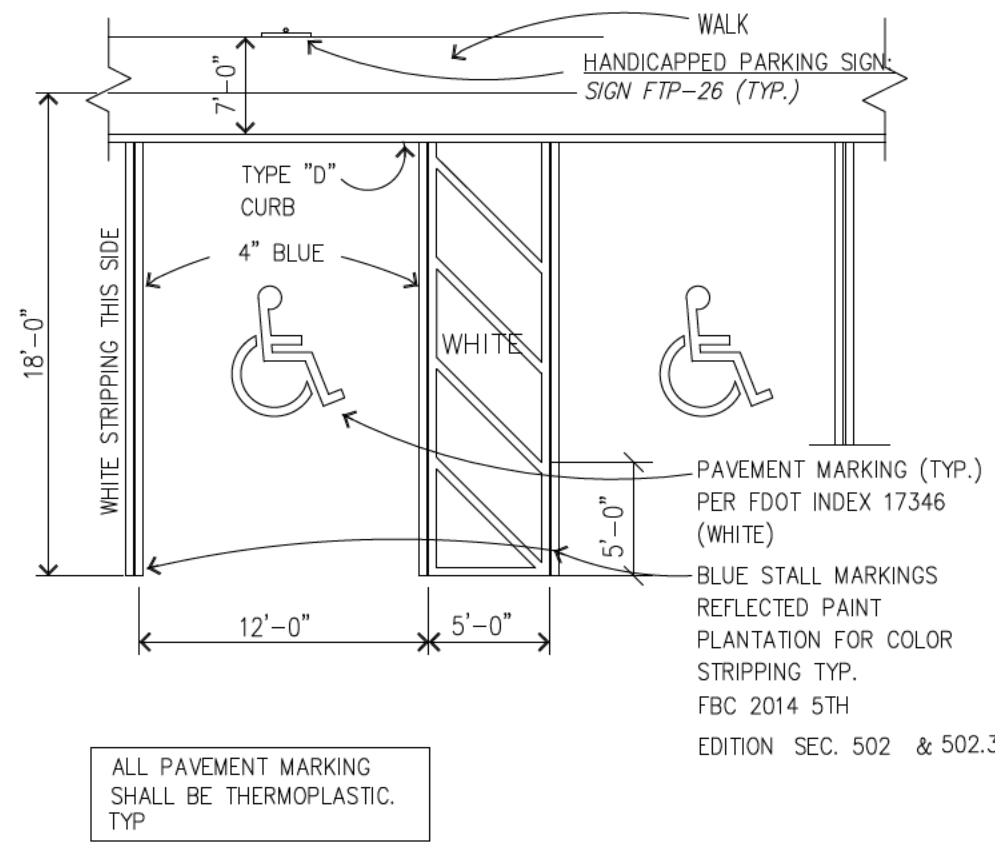
LEGEND

R.E.	RIM ELEVATION
G.E.	GRATE ELEVATION
I.E.	INVERT ELEVATION
TOS ELEV=	TOP OF SLAB ELEVATION
	DIRECTION OF OVERLAND FLOW
	EXISTING OR FUTURE UTILITIES
	PROPERTY LINE
	PROPOSED INFORMATION
	PROPOSED ELEVATION
	PROPOSED CONCRETE ELEVATION
	EXISTING ELEVATIONS
	LENGTH, SIZE OF STORM DRAIN

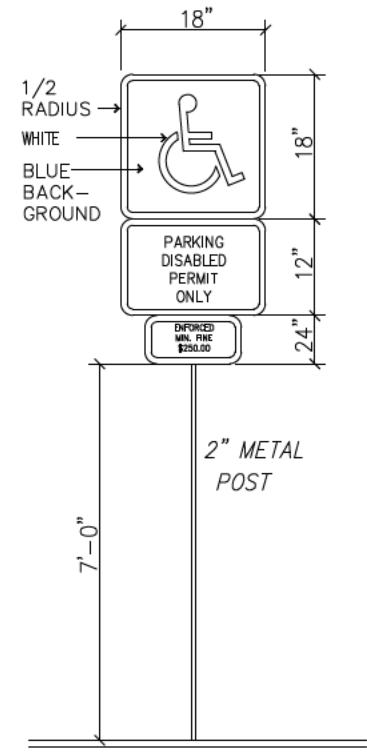


GRAPHIC SCALE





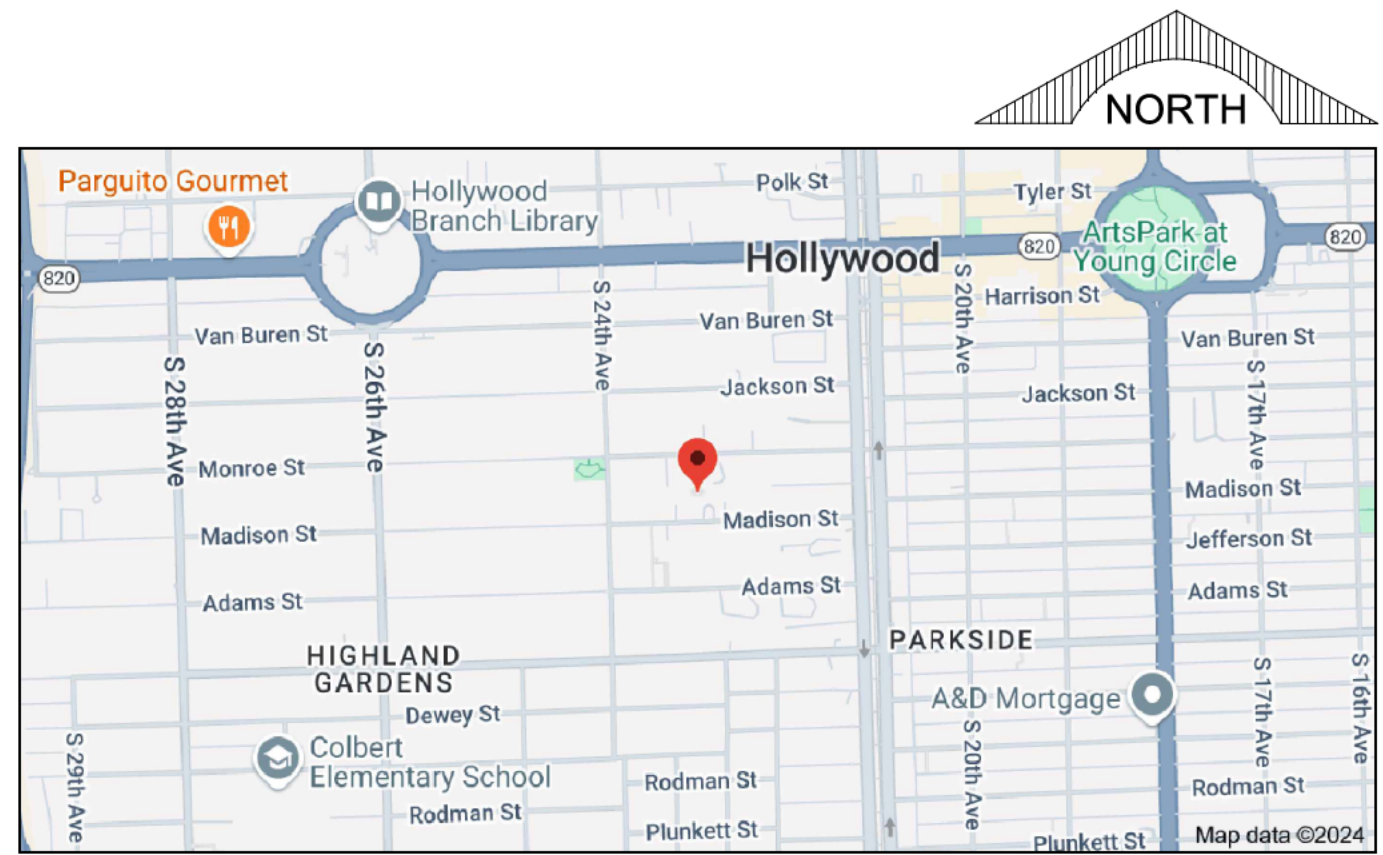
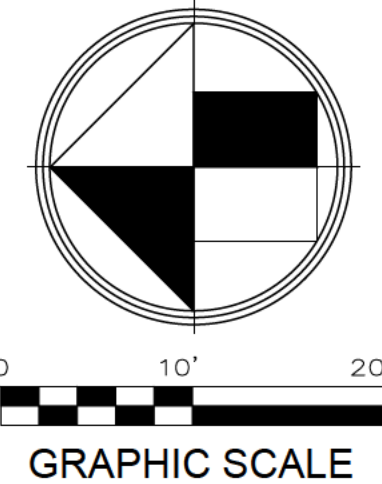
HANDICAP PARKING STALL DETAIL
N.T.S.



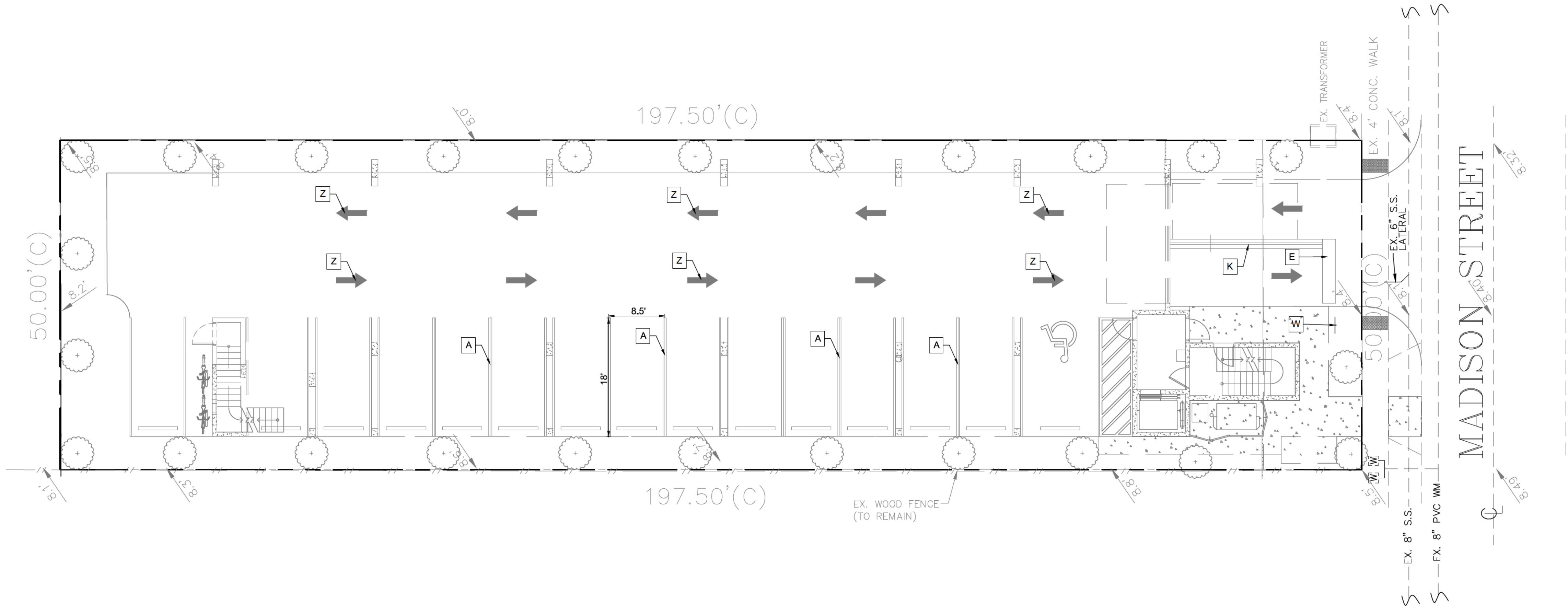
NOTES:
THE TOP PORTION OF FTP-26 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOLS AND BORDER.
NOTES:
1. DISABLE SIGN WILL BE OF F.D.O.T. (BLUE) COLOR.
2. PAYMENT BORDER LINES (ONE ON EACH) OF THE DISABLE SPACE WILL BE OF A BLUE COLOR OF A QUALITY EQUIVALENT TO SUPER STRIP TRAFFIC PAINT SOLD BY FOX VALLY SYSTEM, INC. OF CARY, ILLINOIS. PHONE 1-800-323-4770. SHALL BE STRIPED ON THE WEARING SURFACE OF EACH SPACE DESIGNED FOR THE DISABLE PARKING SPACE. ORDINANCE NO. 1550
3. ALL LETTERS IN MIDDLE OF PORTION OF SIGN ARE 1.5" SERIES AT 1.5" SPACING.
4. ALL LETTERS IN BOTTOM OF PORTION OF SIGN ARE 1" SERIES AT 1" SPACING.
5. MINIMUM FINE SHALL BE \$250.00 PER ORDINANCE 2149.

LEGEND AND STRIPING KEY

- A = 6" SOLID WHITE
- B = 12" SOLID WHITE CROSSWALK
- C = 8" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP (10'- 30')
- G = 6" SKIP WHITE TYP (6'- 10')
- H = 6" SKIP WHITE TYP (2'- 4')
- I = 6" SOLID YELLOW
- J = 18" SOLID YELLOW
- K = 6" DOUBLE YELLOW
- L = AMBER/AMBER RPM's @ 1' C.C.
- M = 6" SKIP YELLOW TYP (6'- 10')
- N = 6" SKIP YELLOW TYP (2'- 4')
- P = R3-5R RIGHT TURN ONLY SIGN
- Q = R3-1 NO RIGHT TURN SYMBOL
- R = TYPE 'D' CURB
- S = TYPE 'F' CURB AND GUTTER
- T = TYPE 'D' MOUNTABLE CURB
- U = WHITE PAINTED HC SYMBOL
- V = HANDICAP 'W' VAN ACCESSIBLE (R7-8P)
- W = R1-1 STOP SIGN
- X = W14-1 DEAD END SIGN
- Y = R5-1 DO NOT ENTER SIGN
- Z = WHITE DIRECTIONAL ARROWS
- ADA SYMBOL



LOCATION MAP
N.T.S.



REVISIONS

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

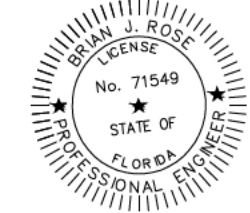
CLIENT:

PROJECT: NEW RESIDENCE
2241 MADISON STREET
HOLLYWOOD FLORIDA
TASK: PAVING MARKING AND SIGNAGE PLAN

GGB Engineering
CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS
• CONSTRUCTION MANAGERS
FLORIDA REGISTRATION No. 39256
2699 Stirling Road, Suite C-202
Fort Lauderdale, Florida 33312
Phone: (954) 986-6655

DATE: 11/05/24
DESIGNED BY: B.J.R.
SCALE: 1"=10'
DRAWN BY: J.A.

PROJECT NO. 24-0323
SHEET C-1A



This document has been digitally signed and sealed by the seal of the Professional Engineer. It is the responsibility of the seal holder to ensure the document is not altered or modified in any way. The seal is valid for the duration of the project and is subject to the terms and conditions of the seal holder's license.

WATER SYSTEM:

ALL WORKMANSHIP AND MATERIAL SHALL CONFORM TO STANDARDS OF THE LOCAL MUNICIPALITY AND APPLICABLE AND/OR APPLICABLE DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES STANDARDS. NO PHYSICAL CONNECTION OF NEW WATER MAINS TO ACTIVATE WATER MAINS SHALL BE MADE UNTIL SUCH TIME THAT THE NEW MAINS ARE CONFIRMED TO BE BACTERIOLOGICALLY SAFE AND THE HEALTH DEPARTMENT RELEASE HAS BEEN OBTAINED. TEMPORARY CONNECTIONS OF NEW MAINS TO ACTIVE MAINS FOR THE PURPOSE OF FILLING AND FLUSHING SHALL BE MADE BY A METHOD DEEMED ACCEPTABLE TO THE UTILITY PROVIDING SERVICE.

ALL WATER MAINS SHALL BE DESIGNED FOR A MINIMUM WORKING PRESSURE OF 150 PSI AND HAVE COMPRESSION TYPE BELL AND SPIGOT JOINTS.

THE WATER SYSTEM SHALL BE HYDROSTATICALLY PRESSURE TESTED AND DISINFECTED PER AWWA / ANSI C651/05 AND TESTED FOR A PERIOD OF 2 HOURS AT NOT LESS THAN 150 PSI IN ACCORDANCE WITH ANSI / AWWA STANDARD C800-05 WITH AN ALLOWABLE LEAKAGE AS DETERMINED BY THE FOLLOWING FORMULA:

$L = S D P^{0.5} / 148,000$ WHERE:
L = ALLOWABLE LEAKAGE IN GALLONS / HOUR
S = PIPE LENGTH IN FEET
D = NOMINAL DIAMETER OF PIPE IN INCHES
P = AVERAGE TEST PRESSURE IN PSI

TEST PRESSURE SHALL NOT VARY MORE THAN 5 PSI THROUGHOUT THE TEST. THE MAXIMUM ALLOWABLE LEAKAGE SHALL BE BASED ON A MAXIMUM 2000 FEET WHEN THE LENGTH OF PIPE TESTED EXCEEDS 2000 FEET. THRUST BLOCKS AS SHOWN ON THE DETAIL SHEETS SHALL BE PROVIDED AT ALL BENDS UNLESS NOTED OTHERWISE ON PLANS. IF RESTRAINT JOINT PIPE IS SPECIFIED ON THE PLANS IT SHALL BE INSTALLED TO MEET THE REQUIREMENTS OF THE PIPE MANUFACTURER AND THE UTILITY DEPARTMENT. NO CONCRETE THRUST BLOCKS WILL BE ALLOWED EXCEPT FOR FIRE HYDRANTS.

BACTERIOLOGICAL TESTING SHALL BE IN ACCORDANCE WITH AWWA / ANSI C651-05 LATEST REVISION.

PVC WATER MAIN PIPE (BLUE) SHALL MEET THE REQUIREMENTS OF AWWA C-900.97 "POLYVINYL CHLORIDE (PVC) PRESSURE PIPE", CLASS 150 PIPE SHALL CONFORM TO REQUIREMENT OF SDR 18.

ALL PVC PIPE SHALL BE SUITABLE FOR USE AS A PRESSURE CONDUIT. PROVISIONS MUST BE MADE FOR EXPANSION AND CONTRACTION AT EACH JOINT WITH AN ELASTOMERIC RING. THE BELL SHALL CONSIST OF AN INTEGRAL WALL SECTION WITH AN ELASTOMERIC RING WHICH MEETS THE REQUIREMENTS OF ASTM F-477 STANDARD SPECIFICATIONS FOR ELASTOMERIC SEALS (GASKETS FOR JOINTING PLASTIC PIPE). THE WALL THICKNESS IN THE BELL SECTION SHALL CONFORM TO THE REQUIREMENTS OF ASTM D-3339.

PVC PIPE SHALL BE DELIVERED TO THE JOB SITE FROM THE FACTORY AND STORED AT THE JOB SITE IN PALLETIZED UNITS OR BUNDLES TO PREVENT UNNECESSARY DEFLECTION PRIOR TO INSTALLATION. EACH PALLETIZED UNIT SHALL BE SIZED TO LIMIT THE STACKING OF PIPE NOT MORE THAN SIXTY (60) INCHES HIGH OR AS APPROVED BY THE ENGINEER.

CARE SHALL BE TAKEN DURING THE TRANSPORTING OF THE PIPE TO INSURE THAT THE BINDING AND TIE DOWN METHODS DO NOT CAUSE OR DEFLECT THE PIPE IN ANY MANNER. PIPE BENT, DEFLECTED, OR OTHERWISE DAMAGED DURING SHIPPING WILL BE REJECTED.

PVC MAINS SHALL BE LAID WITH A MINIMUM OF 36" CLEAR COVER.

FITTINGS SHALL BE MECHANICAL JOINT DUCTILE IRON PRESSURE CLASS 350 THROUGH 12". ALL FITTINGS SHALL BE CEMENT MORTAR LINED AND SEALED THE SAME AS PIPE IN ACCORDANCE WITH AWWA/ANSI C110/A21.10-03.

PVC AND D.I.P. PIPE SHALL BE DEFLECTED NO MORE THAN ONE HALF (1/2) THE MANUFACTURERS RECOMMENDATION.

JOINTS FOR BELL AND SPIGOT PVC/DIP PIPE AND FITTINGS SHALL BE MECHANICAL OR RUBBER ON RUBBER GASKET EITHER ON SPIGOT OR IN BELL. COMPRESSION TYPE AS SPECIFIED IN ACCORDANCE WITH AWWA/ANSI STANDARD C111/A21.11-00. SPECIAL FITTINGS AND JOINTS SHALL BE CONSIDERED FOR SPECIFIC INSTALLATION.

ALL WATER MAINS SHALL HAVE CONTINUOUS DETECTOR TAPE 18 INCHES BELOW GRADE. ALONG ALL WATER MAINS, DETECTOR TAPE SHALL HAVE BLUE SIDE-UP. A 14 GAUGE MULTI STRAND WIRE SHALL BE ATTACHED TO NON-CONDUCTIVE WATER MAIN TO FACILITATE FUTURE LOCATION. AN EXTRA 4" OF WIRE SHALL BE PROVIDED AT BLOWOFFS, FIRE HYDRANTS, ETC.

POLYETHYLENE ENCASMENT/WRAP SHALL BE INSTALLED ON ALL IRON PIPE INCLUDING VALVES, FITTINGS, SLEEVES, HYDRANTS, ETC. POLYWRAP SHALL BE INSTALLED IN ACCORDANCE WITH THE MINIMUM ANS/AWWA C105/A21.5-05 STANDARDS.

DUCTILE IRON WATER MAIN SEAL/COAT SHALL BE COAL TAR EPOXY OR ASPHALT.

DUCTILE IRON PIPE JOINTS SHALL BE PUSH-ON TYPE AND RESTRAINED A MINIMUM DISTANCE AS SPECIFIED IN RESTRAINED DETAIL ON APPLICABLE DETAIL SHEET, USING MEGA-LUG OR APPROVED EQUAL USING TR-FLEX U.S. PIPE OR FLEX RING BY AMERICAN PIPE.

WATER MAIN STUBS FOR FUTURE EXTENSION INCLUDING ALL FITTINGS BACK TO TEE (IF STUB LENGTHS IS LEES THAN TWO PIPE LENGTHS) WILL BE RESTRAINT JOINT PIPE FOR THE LAST TWO LENGTHS. (AS REQUIRED BY ENGINEER OR UTILITY DEPT.)

DUCTILE IRON PIPE SHALL BE CLASS 350 AND SHALL BE CEMENT LINED AND SEALCOATED IN ACCORDANCE WITH AWWA / ANSI STANDARD C151/A21.51-02. WATER MAINS SHALL BE LAID WITH A MINIMUM 30" CLEAR COVER. DUCTILE IRON FITTINGS SHALL BE CLASS 350 THROUGH 12" AND CLASS 250 IN SIZES 16" AND LARGER. ALL FITTINGS SHALL BE CEMENT LINED AND SEALCOAT THE SAME AS PIPE IN ACCORDANCE WITH AWWA / ANSI STANDARDS C104/A21.4-03 AND C153/A21.53-00. NEOPRENE GASKETS SHALL BE USED.

ALL WATER MAINS SHALL BE BEDDED AND BACKFILLED PER STANDARD TRENCH DETAILS.

CONTRACTOR IS RESPONSIBLE FOR THE EXISTING ON-SITE WATER SYSTEM UNTIL FINAL INSPECTION, CERTIFICATION AND APPROVAL BY THE UTILITY.

CONTRACTOR IS RESPONSIBLE WHETHER OR NOT NOTED ON PLANS FOR RAISING OR LOWERING OF EXISTING GATE VALVE BOXES, METER BOXES, ETC. THAT MAY NEED ADJUSTMENT TO MEET PROPOSED FINISH GRADES.

ALL EXISTING WATER MAINS AND COMPONENTS DESIGNATED FOR REMOVAL ARE THE PROPERTY OF THE UTILITY. MATERIALS SHALL BE REMOVED FROM THE GROUND AS CAREFULLY AS POSSIBLE AND SALVAGED FOR UTILITY SHOULD UTILITY REFUSE SAID WATER COMPONENTS, THEN THE CONTRACTOR WILL BE RESPONSIBLE FOR OFF-SITE DISPOSAL.

CONTRACTOR TO REFER TO ARCHITECTURAL (PLUMBING) PLANS TO CONFIRM LOCATIONS AND ELEVATIONS OF ALL WATER FIRE AND SEWER BUILDING CONNECTIONS.

DEVELOPER IS RESPONSIBLE TO DEDICATE UTILITY EASEMENTS TO THE UTILITY FOR ALL PUBLIC WATER MAINS THAT ARE TO BE ULTIMATELY OWNED AND MAINTAINED BY THE UTILITY. EASEMENTS TO BE GRANTED UPON THE CONCLUSION OF THE WORK FROM AS-BUILT PIPE LOCATIONS, UNLESS OTHERWISE REQUIRED BY THE UTILITY.

CONTRACTOR IS RESPONSIBLE TO DELIVER AS-BUILT WATER PLANS, MYLAR, AND COMPUTER DISK TO THE ENGINEER OF RECORD PRIOR TO FINAL CERTIFICATION TO THE UTILITY. AS-BUILTS SHALL BE SIGNED AND SEALED BY A REGISTERED FLORIDA SURVEYOR.

MAINTAIN A 10-FOOT HORIZONTAL CLEARANCE BETWEEN ALL UTILITIES AND BUILDING STRUCTURES, UNLESS OTHERWISE SHOWN ON THE PLANS.

LANDSCAPING SHALL NOT BE INSTALLED WITHIN 6' OF ALL WATER MAINS AND SERVICES OR WITHIN A 5' RADIUS OF ALL FIRE HYDRANTS, UNLESS APPROVED BY THE ENGINEER.

WATER MAINS SHALL BE DEFLECTED OVER DRAINAGE AT ALL CONFLICTS.

ALL WATER SERVICES SHALL TERMINATE A MINIMUM OR 5' FROM BUILDING.

UNDERGROUND WATER MAINS AND FIRE HYDRANTS SHALL BE INSTALLED AND OPERATIONAL PRIOR TO BUILDING CONSTRUCTION AS REQUIRED BY THE LOCAL FIRE DEPARTMENT AND THE SOUTH FLORIDA BUILDING CODE, LATEST REVISION.

ALL WATER MAIN INSTALLATION SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.

WATER SERVICE LINES:

WATER SERVICES SHALL BE POLYETHYLENE TUBING (PE 3408) COMPLYING WITH APPLICABLE REQUIREMENTS FOR PE AWWA C502-02 HIGH MOLECULAR WEIGHT PLASTIC MATERIAL ASTM D-2666, 250 PSI RATING (CTS-00) SDR 9 SERVICE PIPE SHALL BE INSTALLED AS A SINGLE RUN WITHOUT UNIONS.

JOINTS FOR TUBING SHALL BE OF THE COMPRESSION TYPE UTILIZING A TOTALLY CONFINED GRIP SEAL AND COUPLING NUT. STAINLESS STEEL TUBE STIFFENER INSERTS SHALL ALSO BE USED FOR TUBING SERVICES.

SERVICE LINES SHALL BE MARKED WITH 2" X 4" POST PAINTED BLUE.

ALL WATER SERVICES SHALL BE BEDDED AND BACKFILLED PER STANDARD TRENCH DETAIL.

PIPE DEFLECTION SHALL BE NO MORE THAN ONE HALF OF THE MANUFACTURER'S RECOMMENDATION.

MINIMUM COVER SHALL BE 24".

ALL WATER SERVICE LINES UNDER PAVED AREAS SHALL BE SLEEVED IN SCHEDULE 40 PVC AND SHALL BE OF ONE SINGLE LENGTH WITHOUT UNIONS.

FORD STAINLESS INSERTS ARE REQUIRED FOR PLASTIC PIPE.

GATE VALVES:

GATE VALVES 4" AND LARGER SHALL BE MECHANICAL JOINT TYPE AND COMPLY WITH AWWA / ANSI STANDARD C509-01.

MECHANICAL JOINTS SHALL CONFORM TO AWWA / ANSI C111/A21.11-00

ALL GATE VALVES ARE TO BE IRON BODY, BRONZE MOUNTED, DOUBLE DISK, NON-RISING STEM, RESILIENT SEAT TYPE, OPENING LEFT (COUNTER CLOCKWISE). THE INTERIOR LINING SHALL BE FUSION BONDED EPOXY ACCORDING TO AWWA 550-90 AND AN EXTERIOR EPOXY COAT (BOTH 40 MILLS DFT).

GATE VALVES 4" TO 12" SHALL HAVE A MAXIMUM WORKING PRESSURE OF 200 PSI AND BE TESTED AT 400 PSI. GATE VALVES SHALL BE RESILIENT SEATED MUELLER, CLOW RESILIENT WEDGE, M & H, OR APPROVED EQUAL, WITH RESTRAINT JOINTS.

GATE VALVES UNDER 4" IN SIZE SHALL BE BRONZE GATE VALVES CONFORMING TO MSS STANDARD PRACTICE SP-37. THEY SHALL BE DOUBLE DISK NON-RISING STEM OPEN LEFT (COUNTER CLOCKWISE) WITH OPERATING WHEEL. PEWTER AND POT METAL OPERATING WHEELS SHALL NOT BE PERMITTED. GATE VALVES SHALL MEET AWWA C500-02 STANDARDS.

VALVE BOXES SHALL BE CAST IRON EXTENSION TYPE WITH NOT LESS THAN 5-1/4" DIAMETER SHAFT AND WITH COVERS MARKED "WATER", PAINTED BLUE. USF 7500 OR APPROVED EQUAL.

GATE VALVES 18" AND LARGER WILL BE SUBSTITUTED WITH BUTTERFLY VALVES AS MANUFACTURED BY PRATT, DEZURIK, CLOW, OR APPROVED EQUAL.

BUTTERFLY VALVES ARE TO BE CAST OR DUCTILE IRON BODY, ALLOY CAST IRON OR DUCTILE IRON DISK, BODY MOUNTED ADJUSTABLE SEAT, ONE-PIECE STAINLESS STEEL SHAFT, SHORT OR LONG BODY TYPE, WITH THE VALVE CLASS, SHAFT SIZE AND OTHER SPECIAL REQUIREMENTS SELECTED IN ACCORDANCE WITH THE SPECIFIC DESIGN, AND ARE TO COMPLY WITH THE PROVISIONS OF AWWA C504-00, "RUBBER SEATED BUTTERFLY VALVES."

VALVE OPERATION IS TO BE APPROVED GEAR ACTUATORS, WITH SEALED ENCLOSURES. FOR BURIED OR SUBMERGED SERVICE POSITION INDICATORS WILL BE FURNISHED AS REQUIRED. UNITS ARE TO BE EQUIPPED WITH 2" ACTUATING NUTS, CAST IRON HANDWHEELS, OR CHAIN OPERATORS, WITH GALVANIZED STEEL CHAINS AS APPROPRIATE FOR THE INSTALLATION. APPURTENANCES ARE TO BE FURNISHED BY THE VALVE MANUFACTURER.

WATER SERVICE FITTINGS:

METER VALVES (ASTM B-62 LATEST) SHALL BE FORD ANGLE STOPS MODEL #KV43-34ZW FOR SINGLE SERVICES AND FORD MODEL #JUV63-42W FOR DOUBLE SERVICES OR APPROVED EQUAL.

CURB STOPS SHALL BE OF THE INVERTED KEY TYPE WITH TEE-HEAD SHUT OFF. CURB STOPS SHALL BE MADE OF BRASS ALLOY IN ACCORDANCE WITH ASTM SPECIFICATION B62-82A.

METER VALVES AND CORPORATION STOPS (FORD BALL CORP. NO. FC 202) SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM SPECIFICATION B62-82A WITH EPOXY COATED DUCTILE IRON BODY. STAINLESS STEEL SERVICE SADDLES BY FORD.

INLET THREAD FOR METER VALVES AND CURB STOPS SHALL BE AWWA TAPER THREAD IN ALL SIZES IN ACCORDANCE WITH ANSI / AWWA STANDARD C800-05. OUTLET CONNECTIONS SHALL HAVE A COMPRESSION TYPE FITTING SAME AS VALVES.

CONTRACTOR TO REVIEW WATER DETAILS TO DETERMINE EXTENT OF JURISDICTION OF WATER SERVICE AND METER MATERIALS (METERS, ETC.) SUPPLIED AND INSTALLED BY UTILITY.

FIRE HYDRANTS:

ALL FIRE HYDRANTS SHALL COMPLY WITH AWWA / ANSI STANDARD C502-05 AND THE FOLLOWING DESIGN STANDARDS:

THE FIRE HYDRANTS SHALL BE OF THE COMPRESSION TYPE, OPENING AGAINST THE PRESSURE AND CLOSING WITH THE LINE PRESSURE WITH (1)-5", VALVE OPENING. THE HYDRANT SHALL BE EQUIPPED WITH (2)-2" HOSE NOZZLES AND (1)-5", PUMPER NOZZLE.

FIRE HYDRANTS SHALL BE FURNISHED WITH A SEALED OIL OR GREASE RESERVOIR LOCATED IN THE BONNET SO THAT ALL THREADED AND BEARING SURFACES ARE AUTOMATICALLY LUBRICATED WHEN THE HYDRANT IS OPERATED. THE HYDRANT WILL BE DESIGNED FOR DISASSEMBLY BY USE OF A SHORT DISASSEMBLY WRENCH OR THE HYDRANT SHOE SHALL HAVE INTEGRAL CAST TIE BACK LUGS ON THE MAIN VALVE TO PERMIT THE MAIN VALVE ASSEMBLY AND VALVE SEAT TO BE REMOVED WITHOUT DIGGING EARTH OR DISASSEMBLING THE HYDRANT BARREL.

FIRE HYDRANTS SHALL BE FURNISHED WITH A BREAKABLE FEATURE THAT WILL BREAK CLEANLY UPON IMPACT. THIS SHALL CONSIST OF A TWO PART BREAKABLE SAFETY FLANGE WITH A BREAKABLE STEM COUPLING. THE UPPER AND LOWER BARRELS SHALL BE FLUTED AND RIBBED ABOVE AND BELOW THE SAFETY FLANGE OR HAVE AN EXTRA STRENGTH LOWER BARREL.

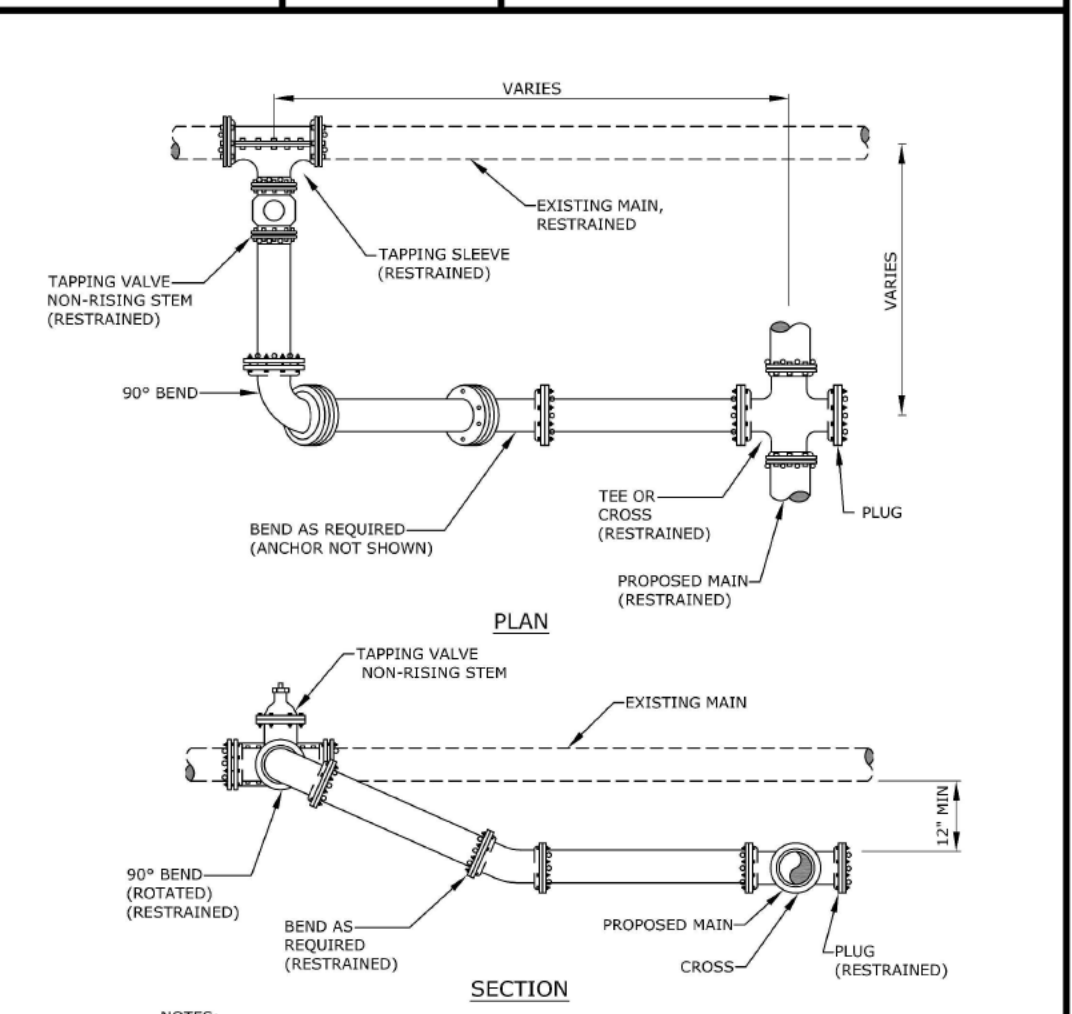
THE FIRE HYDRANT INTERNAL VALVE SHALL BE 5" MINIMUM. THE PENTAGONAL OPERATING NUTS AND THE CAP NUTS SHALL BE 1" POINT TO FLAT. DRAIN VALVE OUTLETS FOR THE HYDRANTS SHALL BE PLUGGED OR OMITTED. THE HYDRANTS SHALL OPEN COUNTER CLOCKWISE AND THE DIRECTION OF OPENING SHALL BE CAST ON THE TOP OF THE BURY LENGTH. MEASURED FROM THE BOTTOM OF THE CONNECTING PIPE TO THE GROUND LINE AT THE HYDRANT SHALL BE THREE FEET SIX INCHES (42") MINIMUM OR AS REQUIRED BY PLAN.

THE HYDRANT SHALL BE EQUIPPED WITH A 6" MINIMUM MECHANICAL JOINT BASE INLET UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.

FIRE HYDRANTS SHALL BE MUELLER PAINTED TRAFFIC RED OR AS OTHERWISE SPECIFIED ON PLANS, OR AS REQUIRED BY THE LOCAL UTILITY COMPANY.

REFER TO WATER DETAILS FOR OTHER REQUIREMENTS / INFORMATION RELATED TO FIRE HYDRANTS.

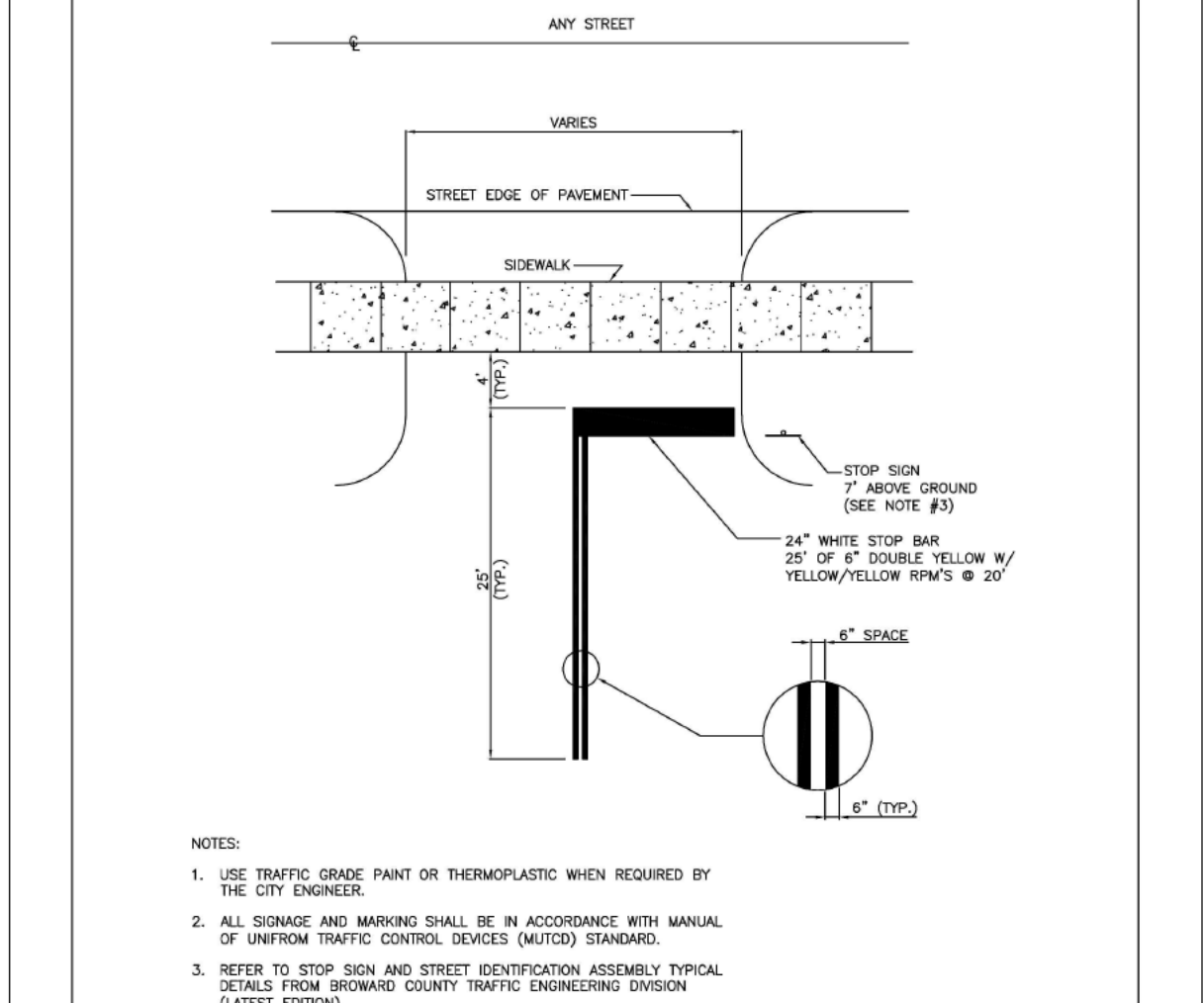
BROWARD COUNTY
PUBLIC WORKS DEPARTMENT



NOTES:
1. ALL JOINTS TO BE RESTRAINED BY APPROVED METHODS.
2. IF CONNECTION IS PRIOR TO PEEP CLEARANCE THEN A SECOND VALVE WITH VENT IS REQUIRED.

REVISED	TYPICAL CONNECTION TO EXISTING MAIN	FIGURE
7/7/2021		131

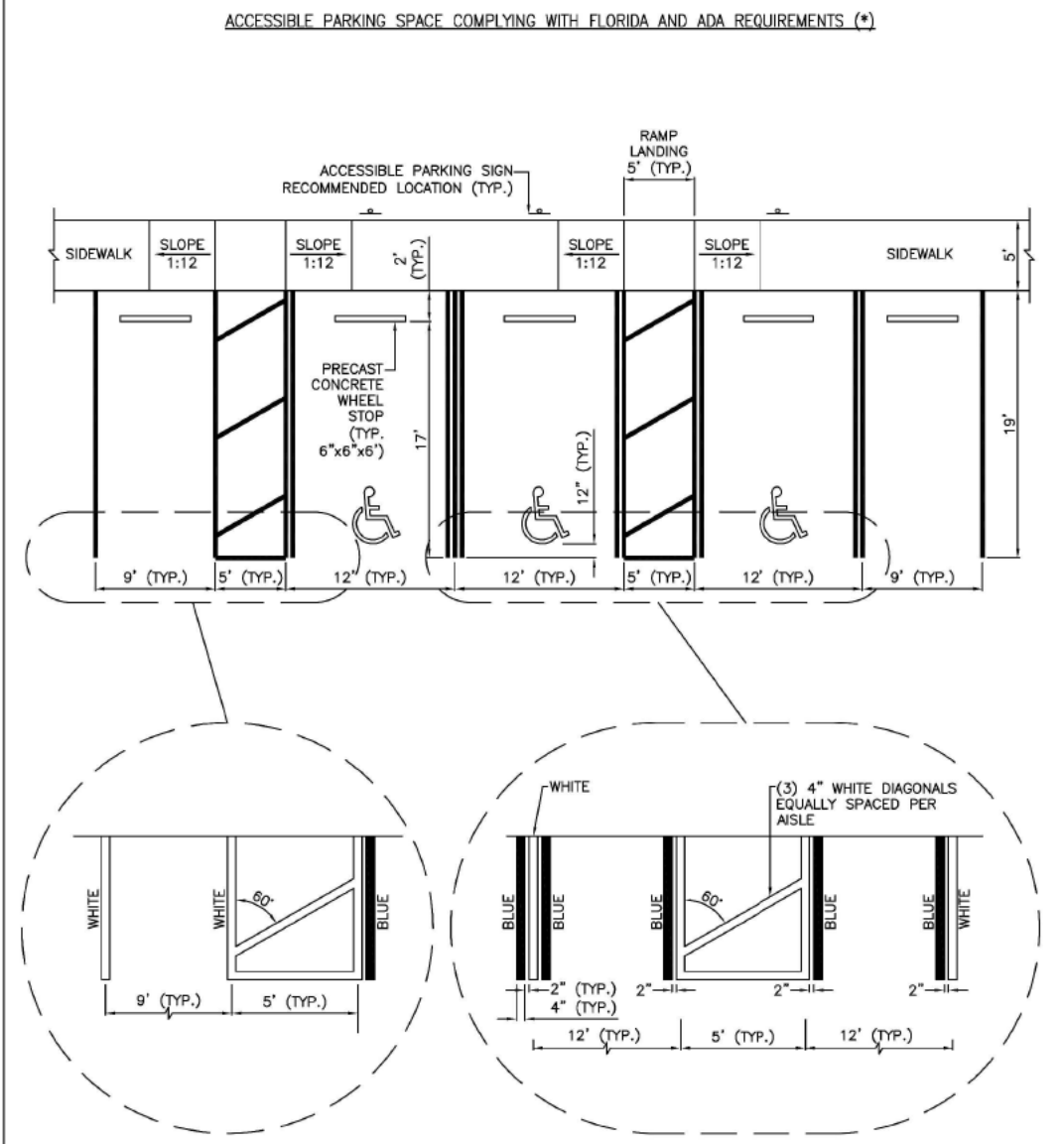
STANDARD DETAIL



NOTES:
1. USE TRAFFIC GRADE PAINT OR THERMOPLASTIC WHEN REQUIRED BY THE CITY ENGINEER.
2. ALL SIGNAGE AND MARKING SHALL BE IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARD.
3. REFER TO STOP SIGN AND STREET IDENTIFICATION ASSEMBLY TYPICAL DETAILS FROM BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (LATEST EDITION).

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
DRAWN: EG	PARKING LOT EXIT-ENTRANCE DETAIL	DRAWING NO.: C-20
APPROVED: JG		

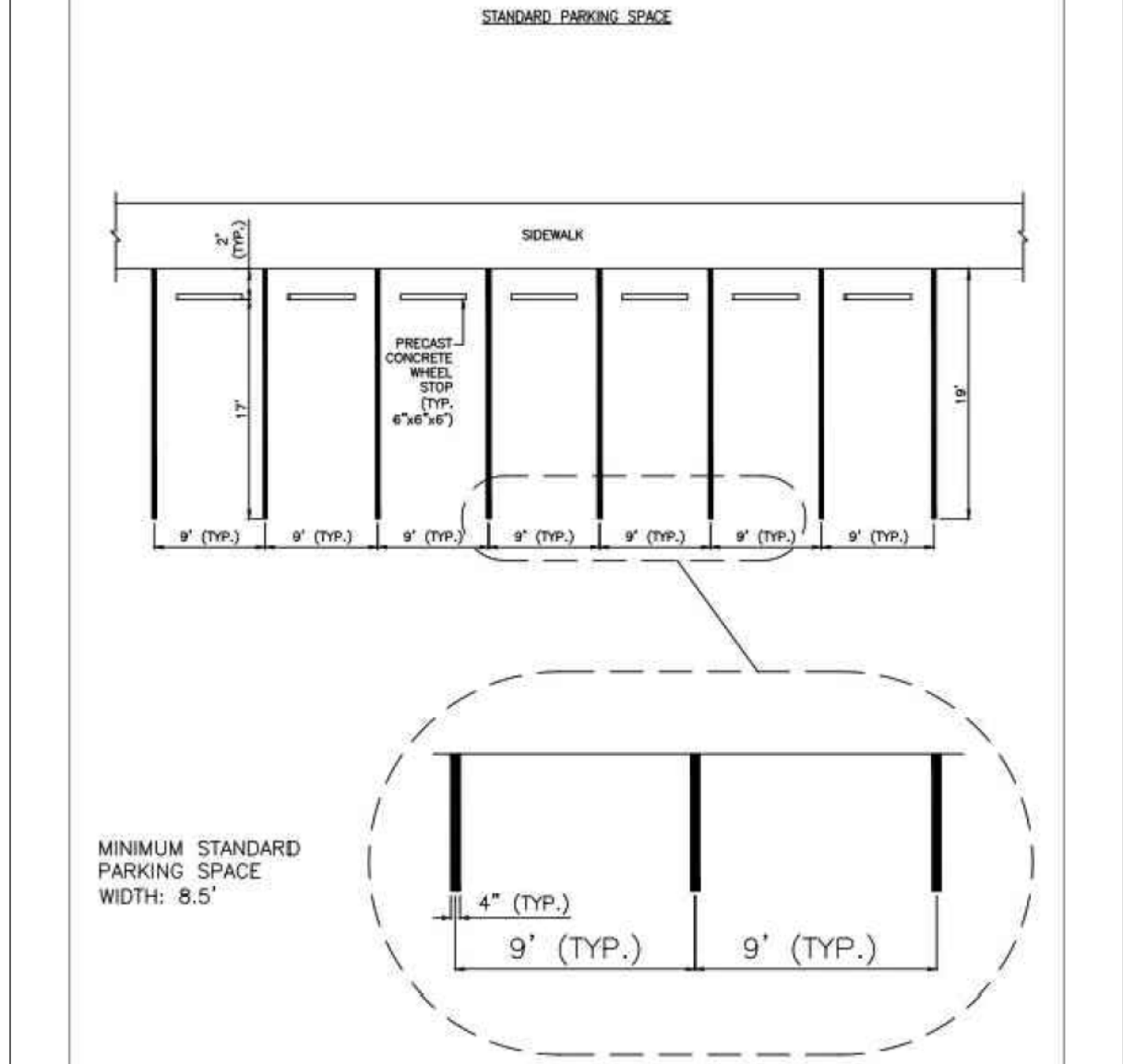
ACCESSIBLE PARKING SPACE COMPLYING WITH FLORIDA AND ADA REQUIREMENTS (*)



(*) IN CASE OF CONFLICT PLANS TO COMPLY WITH ADA 408 & 502, AND FDOT 711-001 (SHEET 11)

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
DRAWN: EG	ACCESSIBLE PARKING SPACE DETAILS (1 OF 2)	DRAWING NO.: C-21
APPROVED: JG		

STANDARD PARKING SPACE



MINIMUM STANDARD PARKING SPACE WIDTH: 8.5'

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
DRAWN: EG	STANDARD PARKING SPACE DETAIL	DRAWING NO.: C-22
APPROVED: JG		

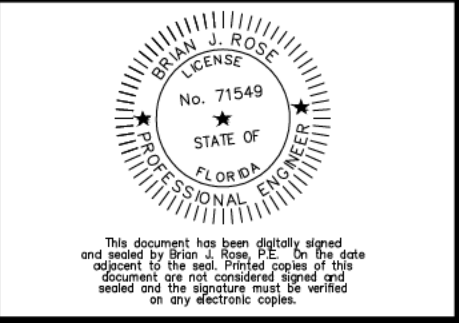
REVISIONS
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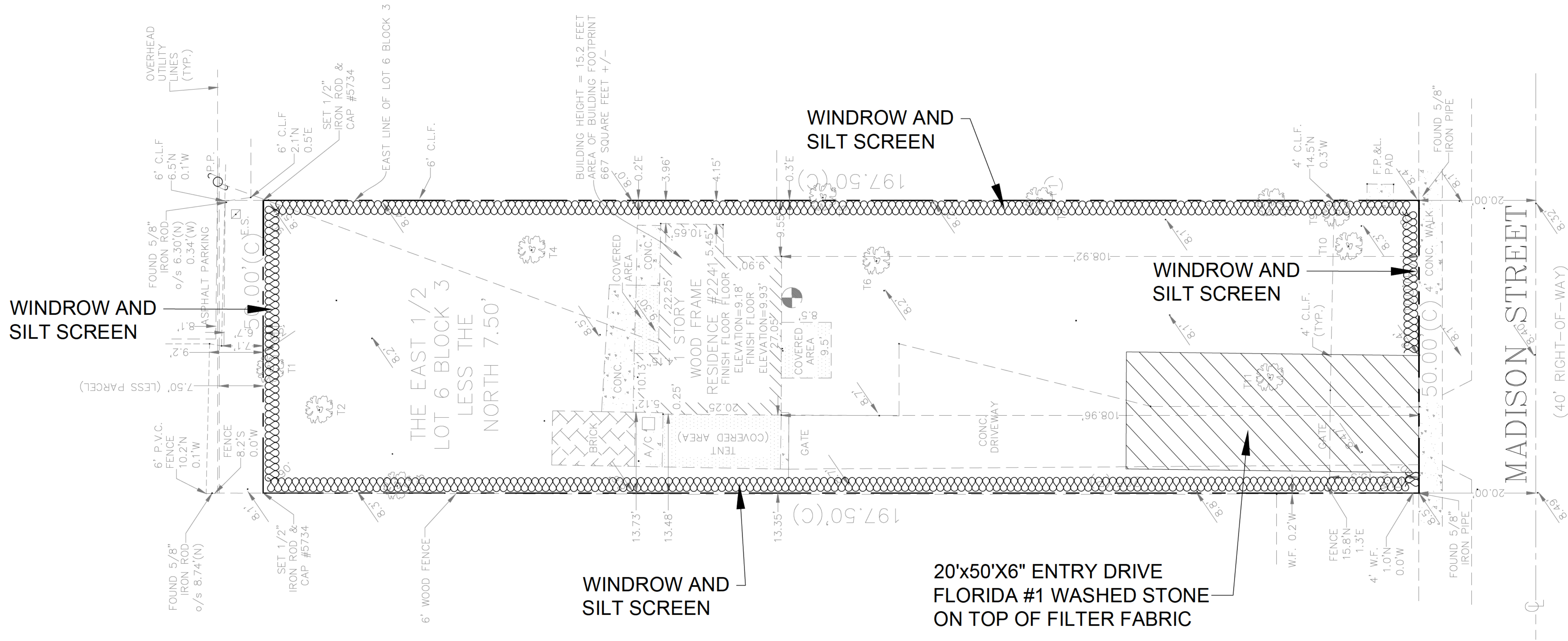
CLIENT: VINCI ENGINEERS
17070 COLLINS AVE.,
SUNNY ISLES BEACH, FLORIDA 33160

PROJECT: NEW RESIDENCE
2241 MADISON STREET
HOLLYWOOD
FLORIDA
TASK: CONSTRUCTION DETAILS

GGB Engineering
CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS
• CONSTRUCTION MANAGERS
FLORIDA REGISTRATION NO. 38256
2699 Stirling Road, Suite C-202
Fort Lauderdale, Florida 33312
Phone: (954) 986-9899

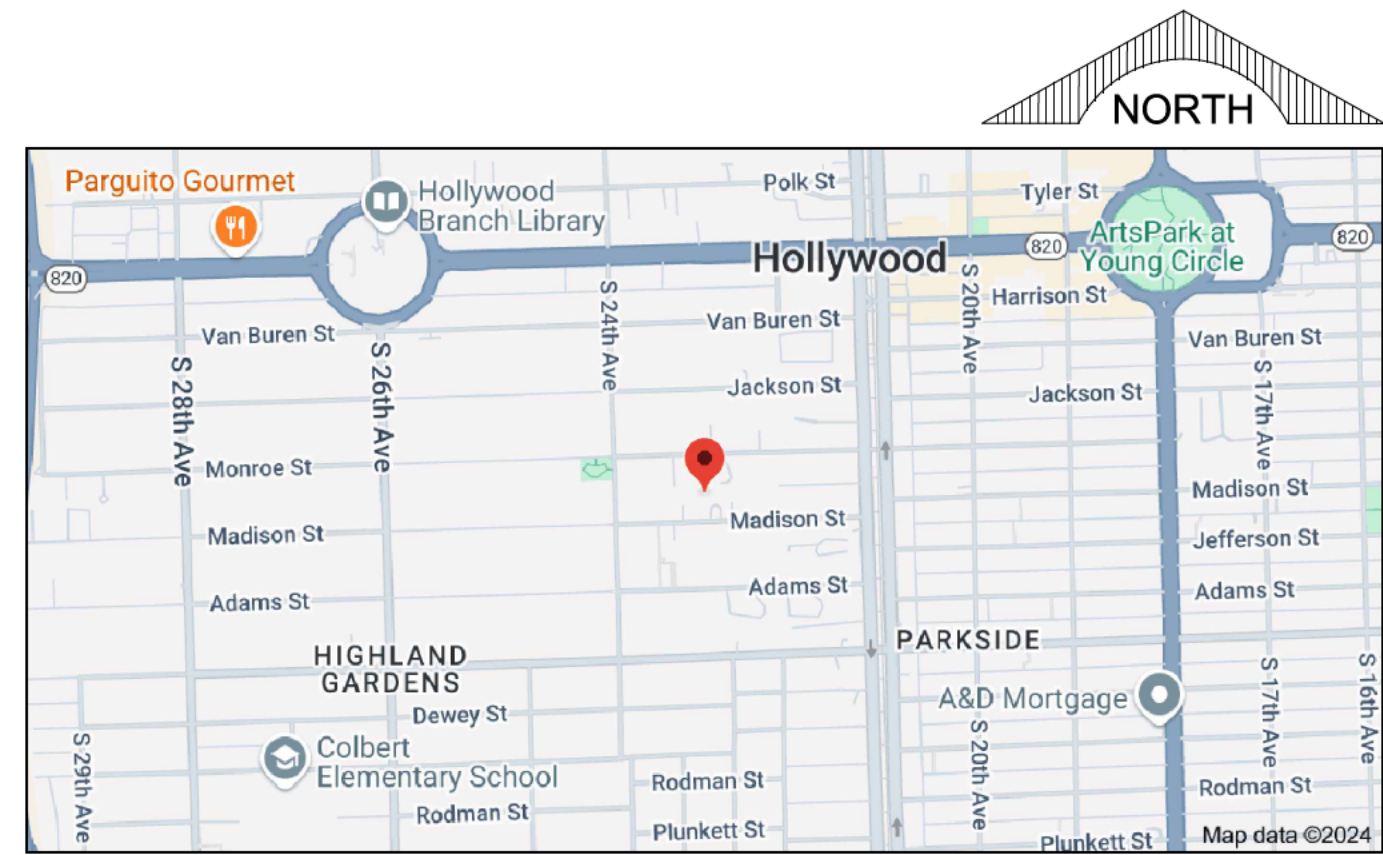
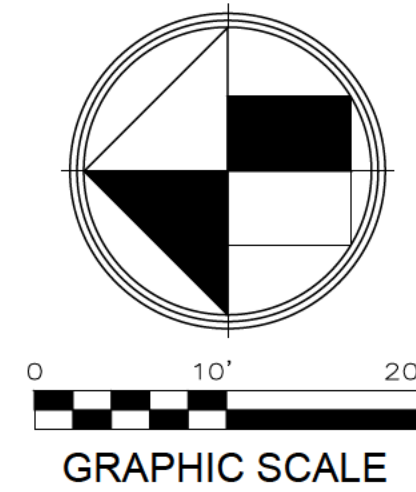
DATE: 11/05/24	SCALE: N.T.S.
DESIGNED BY: B.J.R.	DRAWN BY: J.A.
PROJECT NO. 24-0323	
SHEET C-3	




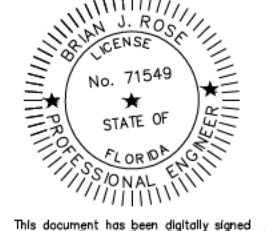


LEGEND

DENOTES WINDROW AND SILT SCREEN
ALONG PROPERTY LINE DURING
CONSTRUCTION OF GRADING AND DRAINAGE



LOCATION MAP
N.T.S.

REVISIONS	CLIENT:		PROJECT: NEW RESIDENCE 2241 MADISON STREET HOLLYWOOD FLORIDA	TASK: EROSION AND SEDIMENT CONTROL PLAN
	VINCI ENGINEERS 17070 COLLINS AVE., SUNNY ISLES BEACH, FLORIDA 33160			
<div>GGB Engineering CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS • CONSTRUCTION MANAGERS FLORIDA REGISTRATION NO. 38256 2699 Stirling Road, Suite C-202 Fort Lauderdale, Florida 33312 Phone: (954) 986-9899</div>				
DATE: 11/05/24		SCALE: 1"=10'		
DESIGNED BY: B.J.R.		DRAWN BY: J.A.		
PROJECT NO. 24-0323				
SHEET C-4				
<div><p>This document has been digitally signed and sealed by the State of Florida. It is subject to the seal and other provisions of the document. It is not a contract and does not constitute an offer of any financial product.</p></div>				

- EROSION CONTROL NOTES DETAIL D9.1



The seal is circular with a double-lined border. The outer ring contains the text "BRIAN J. ROSE" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE" at the top, "No. 71549" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars.