

LEGEND

- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISTING ASPHALT PAVEMENT (TO REMAIN)
- PROPOSED ASPHALT PAVEMENT
- PROPOSED STOP SIGN
- PROPOSED SEWER CLEAN-OUT
- EXISTING ELEVATION (NAVD)
- PROPOSED ELEVATION (NAVD)
- PROPOSED FIRE HYDRANT
- PROPOSED DRAINAGE FLOW ARROW
- PROPOSED SITE LIGHT
- EXISTING WATER LINE
- EXISTING GRAVITY SEWER MAIN
- EXISTING STORM DRAINAGE MAIN
- EXISTING GAS MAIN
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING UNDERGROUND TELECOMMUNICATIONS LINE
- EXISTING WATER REUSE MAIN
- EXISTING OVERHEAD UTILITY WIRES
- PROPOSED TYPE D CONCRETE CURB
- PROPOSED BOLLARD

NOTES:

1. DESIGN WATER ELEVATION = 1.5 FEET, NAVD (PER PLATE WM 2.1).
2. FUTURE CONDITIONS 100-YEAR FLOOD ELEVATION = 7.0 FEET, NAVD (PER PLATE WM 13.1).
3. ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD - 1988). TO CONVERT TO NATIONAL GEODETIC VERTICAL DATUM (NGVD - 1929) ADD 1.59'.
4. ALL BAFFLES AND WEIRS INSTALLED IN DRAINAGE STRUCTURES ON THIS PROJECT SHALL BE REMOVABLE.
5. "PP" DENOTES "HP STORM - DUAL WALL - PP PIPE" AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC., OR APPROVED EQUAL.
6. ALL PROPOSED CONCRETE SLABS & CONCRETE SIDEWALKS OUTSIDE THE PROPOSED BUILDING SHALL BE 6" THICK MINIMUM.
7. ANY EXISTING WATER AND/OR SEWER CONNECTION TO THE SUBJECT LOTS NOT UTILIZED MUST BE CUT AND CAPPED AT THE WATER MAIN IF A WATER SERVICE AND CUT OUT AND SLEEVED IF A SEWER LATERAL. SEWER LATERALS THAT ARE CUT AND CAPPED MUST BE AS-BUILT PER OUR ENGINEERING AS-BUILT STANDARDS. HOW TO RETIRE OLD LATERALS: IF THE EXISTING MAIN IS CLAY PIPE AND A CIPP LINER IS INSTALLED, (INSTALL A SECTIONAL LINER IN THE MAIN OVER THE OLD LATERAL, THUS ELIMINATING THE LATERAL.) IF THE EXISTING MAIN IS A CLAY PIPE, (DIG DOWN CUT OLD CLAY PIPE, SLEEVE BACK IN WITH PVC AND CITY-APPROVED COUPLINGS) IF THE EXISTING MAIN IS CLAY PIPE, YOU MUST RETIRE MULTIPLE LATERALS FOR A PROJECT. (IT MAY BE CHEAPER FOR THE CONTRACTOR TO INSTALL A CITY-APPROVED CIPP LINER FROM MANHOLE TO MANHOLE AND NOT CUT OUT THE LATERALS THAT THEY ARE RETIRING) IF THE EXISTING MAIN IS PVC PIPE, (REMOVE THE LATERAL PIPE FROM THE PVC WYE FITTING AND INSTALL A PLUG INTO THE WYE, INSTALL A GREEN LOCATING MARKING BALL AT THE LATERAL LOCATING, NO DEEPER THAN 4 FT. BELOW GRADE)

DRAINAGE STRUCTURE SCHEDULE

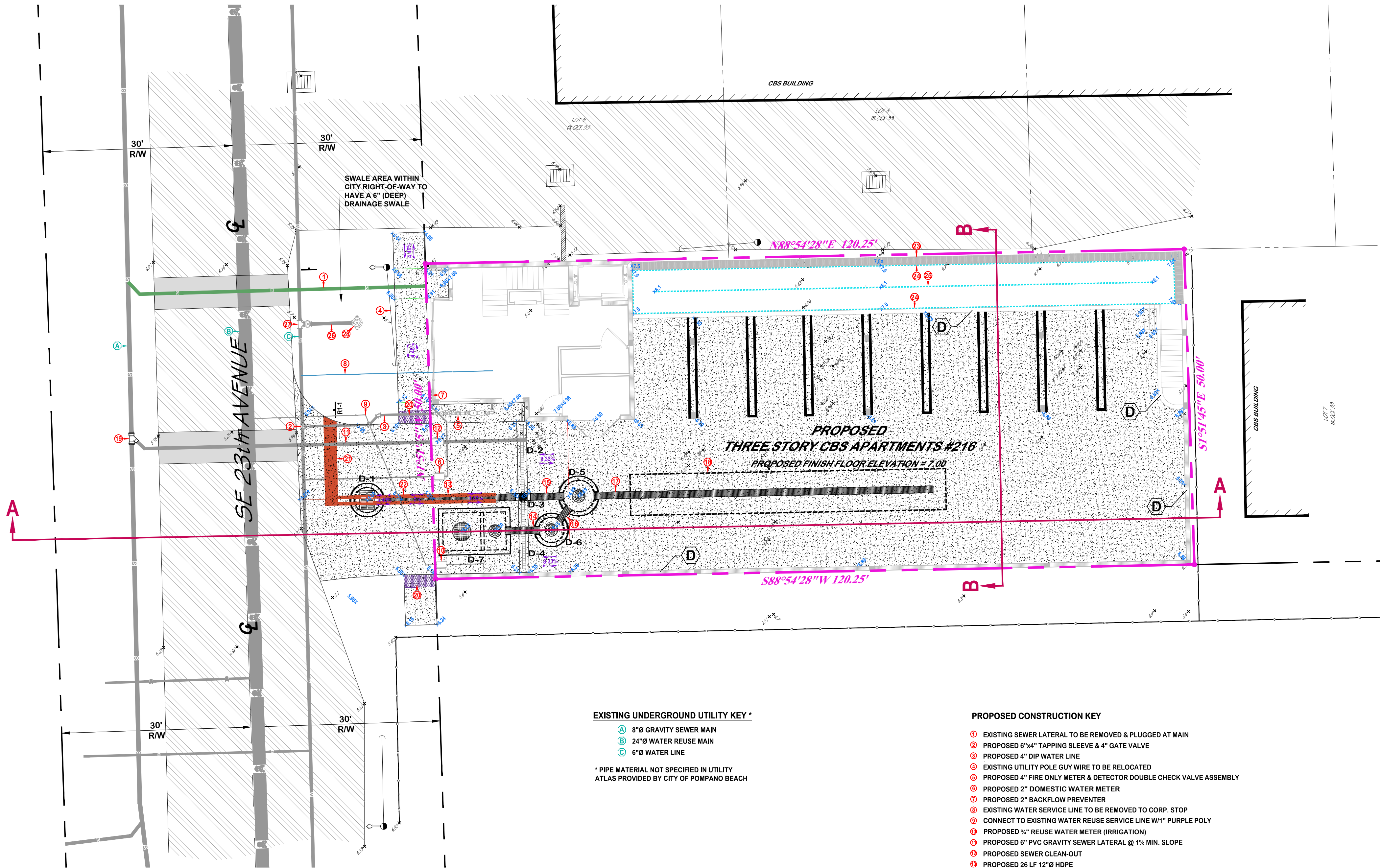
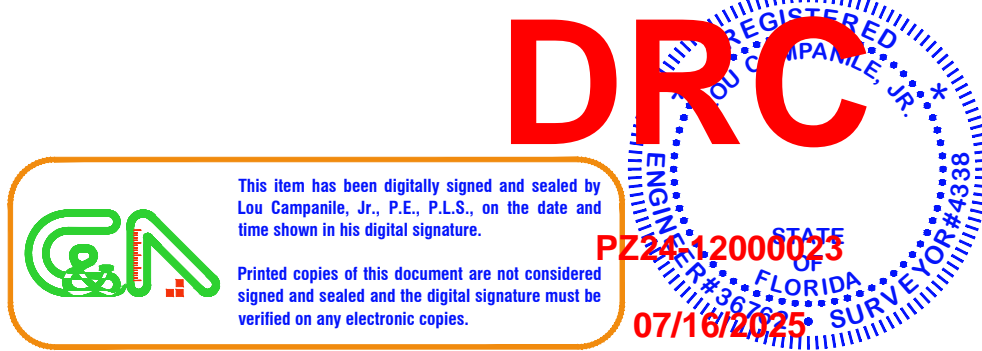
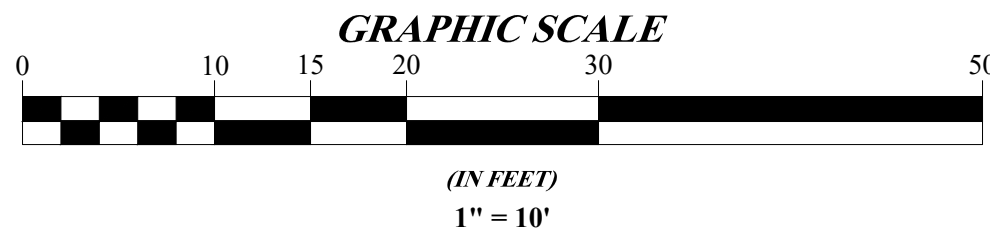
STRUCTURE NO.	STRUCTURE SIZE	RIM ELEVATION	INVERT ELEVATIONS	SUMP ELEVATION	BAFFLES
D-1	4'Ø	5.60	1.5 E (12'Ø)	(-) 2.5	
D-2	---	6.27	5.27		
D-3	15"Ø	6.27	5.27 N (6"Ø), 1.5 E (12"Ø), 5.27 S (6"Ø), 1.5 W (12"Ø)	0.5	
D-4	---	6.27	5.27		
D-5	5'Ø	6.89	1.5 E (15"Ø), 1.5 SW (12"Ø), 1.5 W (18"Ø)	(-) 3.5	E & SW
D-6	4'Ø	6.65	1.5 NE (12"Ø), 1.5 W (12"Ø)	(-) 3.5	W
D-7	6'x10'	6.30	1.5 E (12"Ø)	(-) 3.5	

DRAINAGE STRUCTURE NOTES:

1. STRUCTURE SIZES ARE INSIDE DIMENSIONS (E.G. 5'Ø OR 6'x10').
2. STRUCTURE D-5 & D-6 ARE DRAINAGE MANHOLES.
3. STRUCTURE D-3 IS A NYLOPLAST 15"Ø DRAIN BASIN (PART NUMBER 2815AG) WITH SOLID COVER (PART NUMBER 1599CGC) AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC., OR APPROVED EQUAL.
4. STRUCTURES D-2 & D-4 ARE TRENCH DRAINS. SEE SHEET C-X FOR DETAILS.
5. STRUCTURE D-7 IS A DRAINAGE WELL CONTROL STRUCTURE. SEE SHEET C-X FOR DETAILS.
6. THE SOUTHWEST BAFFLE ON STRUCTURE D-5 IS AN INVERTED BAFFLE. TOP OF BAFFLE ELEVATION = 4.00 NAVD.
7. DRAINAGE STRUCTURE D-1 IS PRIVATE.

WATER & SEWER DEMAND:

7 ONE-BEDROOM APARTMENTS @ 250 GPD EACH = 1,750 GALLONS



EXISTING UNDERGROUND UTILITY KEY \*

- A 8"Ø GRAVITY SEWER MAIN
- B 24"Ø WATER REUSE MAIN
- C 6"Ø WATER LINE

\* PIPE MATERIAL NOT SPECIFIED IN UTILITY ATLAS PROVIDED BY CITY OF POMPAÑO BEACH

PROPOSED CONSTRUCTION KEY KEY

- Ø EXISTING SEWER LATERAL TO BE REMOVED & PLUGGED AT MAIN
- Ø PROPOSED 6"x4" TAPPING SLEEVE & 4" GATE VALVE
- Ø PROPOSED 4" DIP WATER LINE
- Ø EXISTING UTILITY POLE GUY WIRE TO BE RELOCATED
- Ø PROPOSED 4" FIRE ONLY METER & DETECTOR DOUBLE CHECK VALVE ASSEMBLY
- Ø PROPOSED 2" DOMESTIC WATER METER
- Ø PROPOSED 2" BACKFLOW PREVENTER
- Ø EXISTING WATER SERVICE LINE TO BE REMOVED TO CORP. STOP
- Ø CONNECT TO EXISTING WATER REUSE SERVICE LINE WITH PURPLE POLY
- Ø PROPOSED 1/2" REUSE WATER METER (IRRIGATION)
- Ø PROPOSED 6" PVC GRAVITY SEWER LATERAL @ 1% MIN. SLOPE
- Ø PROPOSED SEWER CLEAN-OUT
- Ø PROPOSED 26 LF 12"Ø HDPE
- Ø PROPOSED 6 LF 12"Ø HDPE
- Ø PROPOSED 5 LF 12"Ø HDPE
- Ø PROPOSED 3 LF 12"Ø HDPE
- Ø PROPOSED 5 LF 12"Ø HDPE
- Ø PROPOSED 50 LF EXFILTRATION TRENCH
- Ø PROPOSED 6"x6" PVC SEWER WYE
- Ø PROPOSED DETECTABLE WARNING STRIP
- Ø PROPOSED 24" WHITE STOP BAR
- Ø PROPOSED 25 LF 6" DOUBLE YELLOW STRIPING
- Ø PROPOSED PERIMETER BERM, TOP = ELEVATION 7.5 NAVD
- Ø PROPOSED ELEVATION 7.0 NAVD CONTOUR
- Ø PROPOSED ELEVATION 6.1 NAVD CONTOUR
- Ø PROPOSED 6" DIP FIRE LINE
- Ø PROPOSED 6" TEE & 6" GATE VALVE
- Ø PROPOSED FIRE HYDRANT

for  
RJS ARCHITECTS, INC.

ELIAS APARTMENT BUILDING  
216 SE 23 AVENUE  
POMPAÑO BEACH, FLORIDA 33062-5304  
PAVING, GRADING & DRAINAGE PLAN

PROJECT NO.	5391
DATE	10/9/24
REVISIONS	
11/19/24	
1/21/25	
4/18/25	
5/14/25	
6/4/25	
DRAWING	
PGD-3	
SHEET	