



WALKER'S CAY LUXURY RESORT & MARINA SITE DEVELOPMENT PLANS

LOCATED WITHIN SECTION 13, TOWNSHIP 52 S., RANGE 26 E.

COLLIER COUNTY, FLORIDA

Reviewed for code compliance
M Holden
07/07/2026 12:50:30 PM

REVIEWED
MIU BB 6/19/26

MARCO ISLAND
FIRE RESCUE



Reviewed and approved for Fire Code Compliance
pursuant to FFPC 1: 1.14

Plans must be on the job site at the time of inspection.
Any errors or omissions in these plans shall be made
to conform with applicable code requirements.

Daniel Zunzunegui, Fire Marshal
07/24/2026

OWNER:

MARITIME ACQUISITIONS, LLC
344 CITATION POINT,
NAPLES FL, 34104
(239) 394-2069 PHONE

AGENT:

BOWMAN CONSULTING GROUP (f.k.a. HOLE MONTES, INC.)
950 ENCORE WAY
NAPLES, FLORIDA 34110
(239) 254-2000

PROPERTY DESCRIPTION:

DESCRIPTION OF SITE PARCEL AS SURVEYED:

A PARCEL OF LAND IN SECTION 13, TOWNSHIP 50 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA, SPECIFICALLY DESCRIBED AS FOLLOWS: COMMENCE AT THE INTERSECTION OF THE WEST LINE OF SAID SECTION 13 AND THE CENTERLINE OF STATE ROAD NO. 92; THENCE N.87°41'00"E., ON SAID CENTERLINE A DISTANCE OF 1732.88 FEET; THENCE N.02°18'19"W., A DISTANCE OF 100.00 FEET TO A POINT ON THE PLATTED NORTHERLY RIGHT OF WAY OF SAID STAE ROAD NO. 92, AND THE POINT OF BEGINNING; THENCE N.02°18'19"W., A DISTANCE OF 140.00 FEET; THENCE S.87°41'00"W., A DISTANCE OF 140.00 FEET; THENCE N.02°18'19"W., A DISTANCE OF 4.00 FEET; THENCE S.87°41'00"W., A DISTANCE OF 310.12 FEET; THENCE S.02°18'19"E., A DISTANCE OF 144.00 FEET TO A POINT ON THE NORTHERLY RIGHT OF WAY OF SAID STATE ROAD NO. 92; THENCE N.87°41'00"E., ON SAID RIGHT OF WAY A DISTANCE OF 450.12 FEET TO THE POINT OF BEGINNING

PARCEL CONTAINS 64257 SQUARE FEET OR 1.48 ACRES, MORE OR LESS.
PARCEL SUBJECT TO STATE ROAD RIGHT-OF-WAY EXCEPTIONS SHOWN HEREON.

DESCRIPTION OF SUBMERGED LAND LEASE PARCEL:

COMMENCE AT THE SOUTHEAST CORNER OF THE SITE PARCEL DESCRIBED ABOVE; THENCE N.02°18'19"W., ON THE EAST LINE OF SAID SITE PARCEL A DISTANCE OF 78.46 FEET; THENCE N.84°11'17"E., LEAVING SAID EAST LINE, A DISTANCE OF 7.71 FEET TO A POINT OF INTERSECTION WITH THE MEAN HIGH WATER LINE, SAID POINT BEING THE POINT OF BEGINNING OF THE SUBMERGED LAND LEASE PARCEL; THENCE CONTINUE N.84°11'17"E., A DISTANCE OF 62.41 FEET TO A POINT IN THE WATERS OF THE MARCO RIVER; THENCE N.03°07'52"W., A DISTANCE OF 221.00 FEET; THENCE S.86°52'08"W., A DISTANCE OF 108.22 FEET TO A POINT IN THE WATERS OF GOODLAND BAY; THENCE S.03°07'52"E., A DISTANCE OF 21.14 FEET; THENCE S.86°52'08"W., A DISTANCE OF 283.18 FEET TO A POINT OF INTERSECTION WITH THE WESTERLY RIPARIAN LINE OF THE SITE PARCEL DESCRIBED ABOVE; THENCE S.41°23'11"W., ON SAID WESTERLY RIPARIAN LINE A DISTANCE OF 80.17 FEET; THENCE S.24°37'09"W., LEAVING SAID RIPARIAN LINE A DISTANCE OF 86.94 FEET TO A POINT ON THE FACE OF A CONCRETE SEA WALL NEAR THE NORTHERLY BOUNDARY OF THE SITE PARCEL DESCRIBED ABOVE; THENCE N.86°52'08"E., ON THE FACE OF SAID SEA WALL A DISTANCE OF 207.24 FEET TO AN ANGLE POINT IN THE FACE OF SAID SEA WALL; THENCE S.86°30'04"E., ON THE FACE OF SAID SEA WALL AND IT'S EXTENSION ACROSS A CONCRETE BOAT RAMP A DISTANCE OF 69.75 FEET TO THE NORTHEASTERLY CORNER OF A CONCRETE SEA WALL ABUTTING THE EASTERLY EDGE OF SAID BOAT RAMP; THENCE S.00°28'31"E., ON THE FACE OF SAID SEA WALL A DISTANCE OF 9.09 FEET TO A POINT OF INTERSECTION WITH THE MEAN HIGH WATER LINE; THENCE EASTERLY ON SAID MEAN HIGH WATER LINE A DISTANCE OF 62 FEET, MORE OR LESS, TO THE CORNER OF A CONCRETE SEA WALL, SAID POINT BEARING N.78°38'57"E. A DISTANCE OF 60.81 FEET FROM THE PREVIOUS POINT; THENCE N.85°30'41"E., ON THE FACE OF SAID SEA WALL A DISTANCE OF 25.01 FEET TO THE END OF SAID SEA WALL AND A POINT OF INTERSECTION WITH THE MEAN HIGH WATER LINE; THENCE EASTERLY ON SAID MEAN HIGH WATER LINE 42 FEET, MORE OR LESS, TO A POINT BEARING S.83°06'38"E. A DISTANCE OF 41.75 FEET FROM THE PREVIOUS POINT; THENCE SOUTHEASTERLY, ON SAID MEAN HIGH WATER LINE, A DISTANCE OF 59 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, SAID POINT BEARING S.26°40'50"E. A DISTANCE OF 58.43 FEET FROM THE PREVIOUS POINT.

SUBMERGED LAND LEASE PARCEL CONTAINS 69,152 SQUARE FEET OR 1.59 ACRES, MORE OR LESS.

SUBMERGED LAND LEASE PARCEL IS A PORTION OF MARCO RIVER AND GOODLAND BAY IN SECTION 13, TOWNSHIP 52 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA.

FOLIO NUMBER:

78567000342

BUILDING SUMMARY

BUILDING TYPE	BUILDING TYPE	SPRINKLER INTENTION
PROPOSED HOTEL	TYPE I-B	YES

ZONING SUMMARY:

PRESENT ZONING	C-4-ST
ADJACENT ZONING	A-ST-MIZO

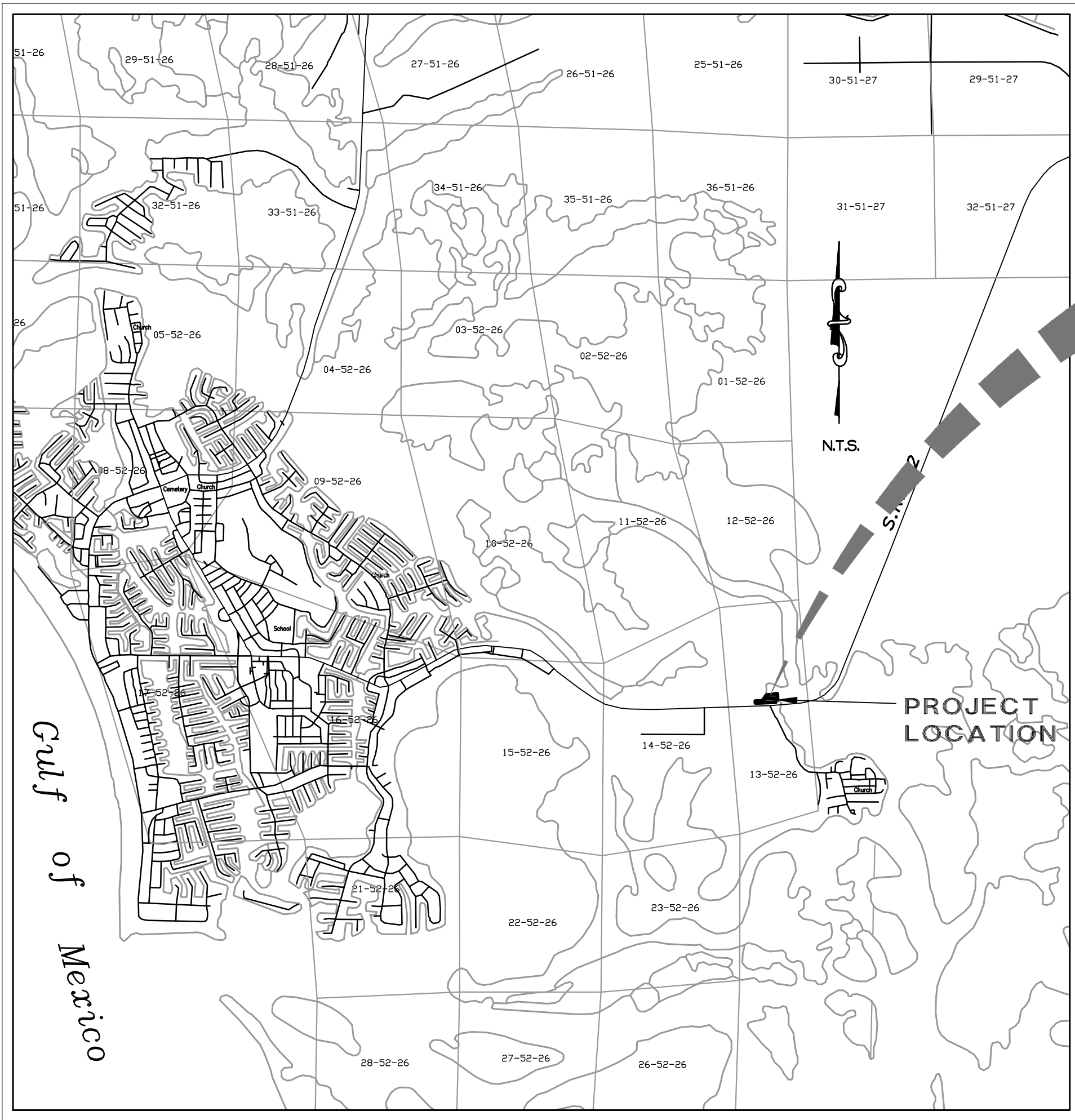
FLOOR AREA

129,710SF	(TOTAL)
	(CONDITIONED)
	(NON-CONDITIONED)

PREPARED BY :



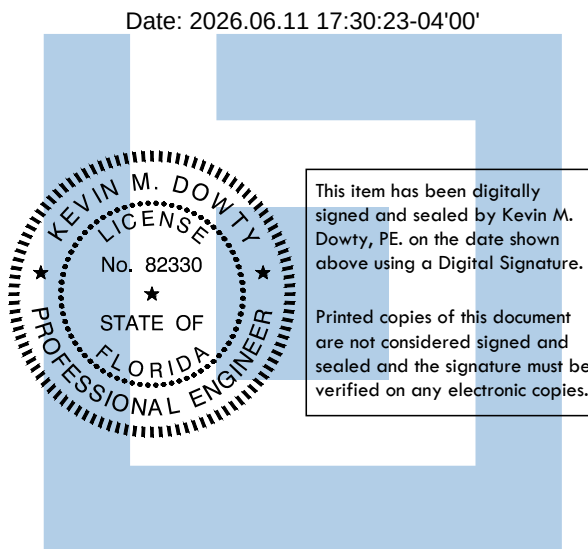
Professional Registration No. 1772
Naples • Fort Myers • Venice • Englewood



SHEET INDEX

- COVER SHEET
- AERIAL AND GENERAL NOTES
- EXISTING CONDITIONS PLAN
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- SITE PAVING, GRADING, AND DRAINAGE PLAN
- DRAINAGE DETAILS
- SANITARY AND PAVING DETAILS
- STORM WATER DETAILS
- WATER DETAILS
- EROSION CONTROL PLAN

ENGINEER: KEVIN M. DOWTY, P.E. LICENSE No. 82330



This item has been digitally
signed and sealed by Kevin M.
Dowty, P.E. on the date shown
above using a Digital Signature.

Printed copies of this document
are not considered signed and
sealed and the signature must be
verified on any electronic copies.

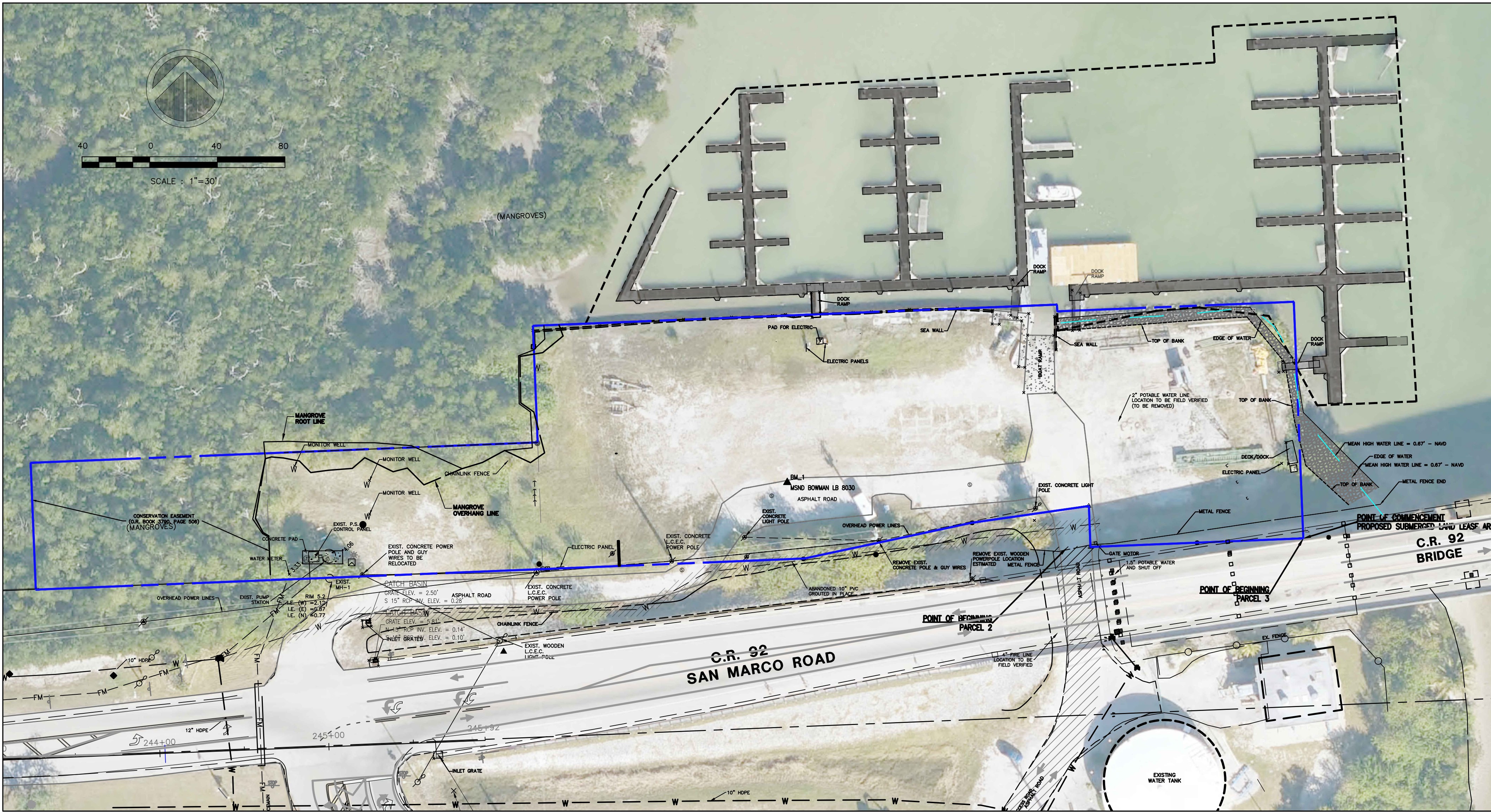
LETTER	REVISIONS	DATE	DATE	REFERENCE NO.	DRAWING NO.
				116CS1	116CS1
				PROJECT NO.	SHEET NO.
				2021.163	1 OF 15

LEGEND:

- Sanitary Manhole
- Sanitary Sewer Clean Out
- Junction Box
- Catch Basin
- Mitered End Section
- Fire Hydrant Assembly
- Automatic Flushing Device
- Gate Valve & Valve Box
- Air Release Valve
- Bacterial Sample Valve
- Blow-Off
- Proposed Elevation
- Existing Elevation
- Direction of Flow
- Reducer
- 45 Degree Bend (MJ)
- 22 1/2 Degree Bend (MJ)
- TEE
- Cross
- Plug
- Sign Symbol (R1-1) w/ Stop Bar
- Sign Symbol
- Blue Reflective Marker
- Light Pole

ABBREVIATIONS:

- A.R.V. Air Release Valve
- B.S.V. Bacterial Sample Valve
- Baseline
- CB Catch Basin
- C.O. Sanitary Sewer Clean Out
- C.U.E. City Utility Easement
- EXIST. Existing
- F.H. Fire Hydrant
- F.M. Force Main
- G.V. Gate Valve
- HW Head Wall
- I.E. Invert Elevation
- IRR. Irrigation
- JB Junction Box
- L.B.E. Landscape Buffer Easement
- L.F. Lineal Feet
- L.M.E. Lake Maintenance Easement
- MAX. Maximum
- ME Mitered End Section
- MJ Mechanical Joint
- MIN. Minimum
- P.U.E. Public Utility Easement
- PBSP Permanent Bacterial Sample Point
- P.O.C. Point of Connection
- P.V. Plug Valve
- P.U.E. Public Utility Easement
- P.V.C. Polyvinyl Chloride Pipe
- R.C.P. Reinforced Concrete Pipe
- RJ Restrained Joint
- R.O.W. Right-of-Way
- SAN. Sanitary
- TEMP. Temporary
- TBSP Temporary Bacterial Sample Point
- W.M. Water Main
- Y.D. Yard Drain
- Property Line



GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE CARRIED OUT IN CONFORMANCE WITH HOLE MONTES, INC. SPECIFICATIONS, WHICH, BY REFERENCE ARE MADE PART OF THESE CONSTRUCTION DOCUMENTS. HOLE MONTES, INC. SPECIFICATIONS ARE APPROVED BY COLLIER COUNTY AND ARE ON FILE AT THE COLLIER COUNTY DEVELOPMENT SERVICES DIVISIONS AT 2800 NORTH HORSESHOE DRIVE, NAPLES, FLORIDA. ADDITIONAL COPIES ARE AVAILABLE FROM HOLE MONTES, INC. UPON REQUEST.
- ALL ELEVATIONS REFER TO N.A.D. OF 1988 DATUM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE ANY EXISTING LANDSCAPING (I.E. SOD, BUSHES, TREES, ETC.) AND/OR SPRINKLER PIPE, SPRINKLER HEADS, ALSO FENCING THAT MAY HAVE TO BE REMOVED DURING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE AND VERIFY ANY EXISTING UTILITIES. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES ARE APPROXIMATE OR MAY NOT BE INDICATED IN THE PLANS. UNDERGROUND FACILITIES, WHETHER INDICATED OR NOT, WILL BE LOCATED AND FLAGGED BY THE UTILITY COMPANIES AT THE REQUEST OF THE CONTRACTOR. IF EXISTING CONDITIONS ARE INCONSISTENT WITH PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.
- EXTREME CAUTION TO BE USED WHEN EXCAVATING, AS NUMBER AND LOCATION OF EXISTING UTILITIES HAVE BEEN NOTED BASED ON THE BEST INFORMATION AVAILABLE. NO EXCAVATION WILL BE PERMITTED IN THE AREA UNTIL ALL SUCH UNDERGROUND UTILITY FACILITIES HAVE BEEN LOCATED AND IDENTIFIED TO THE SATISFACTION OF ALL PARTIES.
- DAMAGE TO EXISTING UTILITIES AND PROPERTY DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- 10' HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION TO BE MAINTAINED BETWEEN WATER MAIN AND SANITARY SEWER LINES AND BETWEEN WATER MAIN AND STORM SEWER LINES. CONCRETE ENCASEMENT WILL BE ACCEPTED AS AN ALTERNATE ONLY IF SPECIFICALLY AUTHORIZED BY ENGINEER.
- IRRIGATION LINE SIZES, LOCATION, & CASING LOCATIONS TO BE PROVIDED BY LANDSCAPE ARCHITECT.
- FIRE PROTECTION WATER SUPPLY SHALL BE INSTALLED AND IN SERVICE PRIOR TO PLACING COMBUSTIBLE BUILDING MATERIALS ON-SITE.
- FIRE HYDRANT SHALL BE MARKED IN A UNIFORM MANNER AND SHALL CONFORM TO NFPA 291.
- CLEARANCE FOR FIRE APPLIANCES SUCH AS F.D.C.'S SHALL BE A MINIMUM OF 7.5 FEET TO THE SIDES AND CLEAR TO THE STREET OR DRIVEWAY.
- NO FIRE APPLIANCE SHALL BE OBSTRUCTED VISUALLY OR FUNCTIONALLY BY VEGETATION.
- ALL CONDUITS NECESSARY FOR ELECTRICAL, CABLE TELEVISION, TELEPHONE, STREET LIGHTING, ETC., SHALL BE INSTALLED PRIOR TO STREET/PAVEMENT CONSTRUCTION.
- ALL SUB-SURFACE INSTALLATIONS FOR WATER, SEWER, DRAINAGE AND PUBLIC UTILITIES SHALL BE INSTALLED PRIOR TO COMPACTION OF SUBGRADE AND ROADWAY CONSTRUCTION.
- ALL VALVES WILL BE FIELD LOCATED IN GRASSY AREAS WHEREVER LOCATIONS MAKE CONSTRUCTION POSSIBLE.
- ALL WATER MAINS ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING:
 - A) DUCTILE IRON PIPES SHALL MEET REQUIREMENTS OF AWWA C-151.
 - B) PVC PIPE 4"-12" SHALL CONFORM TO AWWA C-900 CLASS 305 (DR-14) OR CLASS 235 (DR-18) AS SPECIFIED ON THE DRAWINGS. (COLOR BLUE)
 - C) PVC PIPE 14"-36" SHALL CONFORM TO AWWA C-900 CLASS 305 (DR-14).
 - D) PIPE 3" AND LESS SHALL CONFORM TO AWWA C-905. (COLOR BLUE)
 - E) POLYETHYLENE PIPE (P.E.) SIZES 4"-3" SHALL CONFORM TO AWWA C-901. POLYETHYLENE PIPE (P.E.) SIZES 4"-63" SHALL CONFORM TO AWWA C-906.
- ALL SANITARY GRAVITY SEWER MAINS ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING:
 - 2" PVC PIPE SHALL BE SCHEDULE 80 (COLOR GREEN)
 - 4" PVC PIPE SHALL BE AWWA C-900 CLASS 305 (DR-14)
- ALL BACKFLOW PREVENTOR ASSEMBLIES SHALL CONFORM TO AWWA M-14 STANDARDS. BACKFLOW PREVENTION ASSEMBLIES TO BE ON FIRE PROTECTION LINES OR IRRIGATION LINES.
- ALL BACKFLOW CONTROL VALVES SHALL BE ELECTRONICALLY MONITORED BY TAMPERING DEVICE CONNECTED TO THE BUILDING FIRE CONTROL SYSTEM. THE DEVICES AND MONITORING EQUIPMENT SHALL BE INSTALLED BY THE FIRE CONTROL EQUIPMENT CONTRACTOR. SITE UTILITIES CONTRACTOR TO COORDINATE INSTALLATION OF CONDUIT FOR ELECTRICAL WIRING AS REQUIRED.
- PIPE JOINT DEFLECTIONS SHALL NOT EXCEED ONE HALF OF THE MANUFACTURER'S SPECIFICATIONS. FITTINGS SHALL BE USED WHERE DEFLECTION EXCEEDS ALLOWABLE PIPE JOINT DEFLECTION.
- FOR DIRECTIONAL BORING, POLYETHYLENE PIPE FITTINGS SHALL BE ACCORDANCE WITH AWWA C-906-90. P.E. PIPE
- THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT CROSS SECTIONS, LINES, AND FINISHED GRADES AS INDICATED ON THE PLANS. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS OR NEXT TO BUILDING FOUNDATION WALLS. GRADE SHALL GRADUALLY TAPER OVER SPOT ELEVATIONS IN GENTLE SWEEPING CURVES. NO SHARP BREAK IN PLANE OF PAVING ALLOWED.
- THE CLEARANCE FOR FIRE HYDRANTS SHALL BE A MINIMUM OF 7.5 FEET TO THE SIDES, FOUR (4) FEET TO THE REAR AND CLEAR TO THE STREET OR DRIVEWAY.
- THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT CROSS SECTIONS, LINES, AND FINISHED GRADES AS INDICATED ON THE PLANS. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS OR NEXT TO BUILDING FOUNDATION WALLS. GRADE SHALL GRADUALLY TAPER OVER SPOT ELEVATIONS IN GENTLE SWEEPING CURVES. NO SHARP BREAKS IN PLANE OF PAVING ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AS REQUIRED FOR CONSTRUCTION NOT ALREADY OBTAINED BY THE OWNER. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE PERMITS AND CONTRACT SPECIFICATIONS.
- ALL BURIED WATER/WASTEWATER PIPELINES AND MAINS, EXCEPT THOSE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING OR JACK-AND-BORE METHODS, SHALL BE MARKED USING PLASTIC LOCATOR METALIZED WARNING TAPE IMPREGNATED WITH METALLIC FILINGS FOR HDPE AND NON-MAGNETIC FOR DUCTILE IRON PIPE. THE LOCATOR TAPE SHALL BE PLACED IN THE PIPE TRENCH TWO FEET (2') BELOW GRADE OR ONE-HALF THE PIPE'S BURY, WHICHEVER IS LESS, AND LABELED "POTABLE WATER" OR "WASTEWATER FORCE MAIN" AS APPLICABLE. HORIZONTAL DIRECTIONAL DRILLING SHALL INCLUDE INSTALLATION OF LOCATING TONE WIRE AS DESCRIBED IN THE TECHNICAL SPECIFICATIONS.
- ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN-KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO RESET PROPERTY MARKERS.
- CONTRACTOR SHALL COORDINATE WITH NAPLES COMMUNITY HOSPITAL TO SCHEDULE TEMPORARY SHUT DOWN OF SEWER SYSTEMS. TEMPORARY SHUTDOWN MAY BE REQUIRED AT NIGHT, ON WEEKEND OR SUCH TIME AS TO MINIMIZE IMPACT OF THE SEWER INTERRUPTION ON UTILITY CUSTOMERS.
- A SEPARATE PERMIT IS REQUIRED PRIOR TO INSTALLATION OF ANY FIRE LINE.
- INSTALLATION OF ALL UNDERGROUND FIRE LINES SHALL COMPLY WITH THE 2013 EDITION OF NFPA 24.
- UNDERGROUND FIRE LINES SHALL BE INSTALLED BY AN APPROPRIATELY CERTIFIED FIRE SPRINKLER CONTRACTOR OR A TYPE V UNDERGROUND CONTRACTOR AS DEFINED AND OUTLINED IN 633.021, 633.521, AND 633.539 F.S.
- ALL COSTS AND EXPENSES OF ANY AND ALL REPAIRS, REPLACEMENTS, MAINTENANCE AND RESTORATIONS OF ABOVE GROUND IMPROVEMENTS PERMITTED WITHIN A CUE SHALL BE THE SOLE FINANCIAL RESPONSIBILITY OF THE GRANTOR, ITS SUCCESSORS OR ASSIGNS.

- EXOTIC VEGETATION, AS DEFINED BY THE CITY OF NAPLES LAND DEVELOPMENT CODE, SHALL BE REMOVED FROM THE SITE AND SUBSEQUENT ANNUAL EXOTIC REMOVAL (IN PERPETUITY) SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- PRIOR TO LANDSCAPING ANY AREAS WITHIN THE RIGHT-OF-WAY, A LANDSCAPING PLAN AND RIGHT-OF-WAY PERMIT SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY. (NOTE: LANDSCAPING WORK TO BE FURNISHED BY OTHERS.)
- THE PROPERTY OWNER IS RESPONSIBLE FOR REPLACEMENT OF ALL DEAD LANDSCAPE MATERIAL AND FOR MAINTENANCE OF THE REQUIRED IRRIGATION SYSTEM.
- THE REVIEW AND APPROVAL OF IMPROVEMENT PLANS DOES NOT AUTHORIZE THE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EXISTING EASEMENTS OF RECORD.
- ALL ON SITE COMMON AREAS, OPEN SPACES, STORMWATER MANAGEMENT FACILITIES (STORM DRAINS, SWALES AND PERIMETER BERM), DRIVEWAYS, PARKING AREAS, WATER MAINS, IRRIGATION LINES AND SANITARY SEWER LINES SHALL BE OWNED AND MAINTAINED BY THE DEVELOPER/OWNER. ALL WATER FACILITIES WITHIN C.U.E.'S SHALL BE OWNED AND MAINTAINED BY CITY OF NAPLES UTILITIES.
- THE CONTRACTOR SHALL MAINTAIN 30" MINIMUM COVER OVER SANITARY SEWER. THE WATER MAIN SHALL HAVE 36" MINIMUM COVER.
- ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN-KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO RESET PROPERTY MARKERS.
- CONTRACTOR SHALL CLEAN ALL PIPELINES BY FLUSHING PRIOR TO TESTING. IN ADDITION, WATER MAINS 12" AND LARGER SHALL BE MECHANICALLY CLEANED BEFORE PRESSURE TESTING AND BACTERIAL SAMPLING. ALL LINE CLEANING SHALL BE COORDINATED WITH THE OWNER/ENGINEER 48 HOURS PRIOR TO THE SCHEDULED FLUSHING.

- THE CONTRACTOR SHALL PROVIDE A FORTY-EIGHT (48) HOUR NOTICE PRIOR TO THE REQUESTED INSPECTION TO CITY OF NAPLES OR APPLICABLE UTILITY COMPANY FOR THE FOLLOWING INSPECTIONS AS REQUIRED:
 - A) HOT TAPS TO WATER AND SEWER FACILITIES
 - B) MASTER METER AND BYPASS PIPING
 - C) JACK AND BORE CASINGS
 - D) PRESSURE TESTS
 - E) INFILTRATION/EXFILTRATION TESTS
 - F) LIFT STATION INSTALLATION, PRIOR TO COVER-UP AND START-UP
 - G) LAMPING OF SEWER LINES
 - H) FLUSHING OF SEWER LINES, FORCE MAINS, WATER MAINS AND EFFLUENT LINES
 - I) TELEVISION VIDEO TAPING OF SEWER LINES AT END OF CONSTRUCTION AND THE WARRANTY PERIOD ("IN OFFICE REVIEW")
 - J) FIRE HYDRANT THRUST BLOCKS
 - K) CONFLICT BOX CONSTRUCTION
 - L) CONNECTIONS TO EXISTING WATER AND SEWER FACILITIES
 - M) CASINO INSTALLATIONS
 - N) OTHER SPECIAL REQUIREMENTS AS SPECIFIED BY THE CITY OR APPLICABLE UTILITY COMPANY AT THE TIME OF CONSTRUCTION DOCUMENT APPROVAL
- NPDES PERMIT. THIS PROJECT IS SUBJECT TO THE REQUIREMENTS AND RESTRICTIONS IMPOSED BY THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). THE CONTRACTOR IS REQUIRED AT ALL TIMES TO EXECUTE THIS OPERATIONS TO CONFORM WITH SAID PERMIT. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO, SILT FENCES, TURBIDITY CONTROL DEVICES, AND SEDIMENT CONTROL BASINS UNTIL DISTURBED AREAS ARE APPROPRIATELY COVERED OR LANDSCAPED.

Q:\E\NAPLES\HMA\INDATA-NP\2021\2021163\DW\Converted\1163AER1.dwg Tab: Layout1 Jun 11, 2026 - 4:53pm Plotted by: Cassidy Crawford

LETTER	REVISIONS	DATE



DESIGNED BY	DATE
K.M.D.	12/23
DRAWN BY	DATE
S.P.C.	12/23
CHECKED BY	DATE
K.M.D.	04/24
VERTICAL SCALE	HORIZONTAL SCALE
N/A	1" = 40'

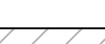


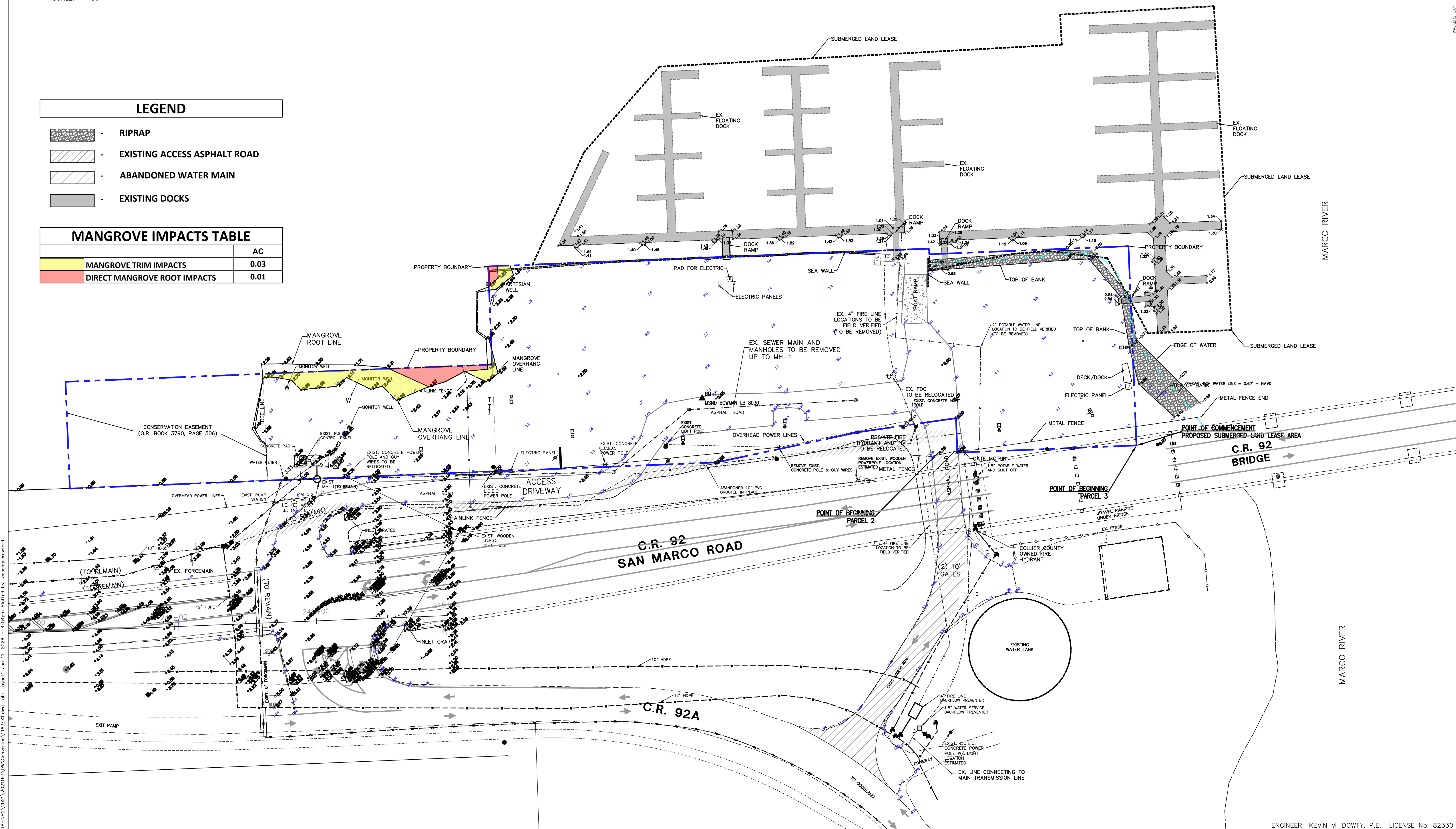
950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

AERIAL PHOTOGRAPH and
GENERAL NOTES

ENGINEER: KEVIN M. DOWTY, P.E. LICENSE No. 82330

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO.	DRAWING NO.
DATE	1163AER	1163
	PROJECT NO.	SHEET NO.
	2021.163	2 of 15

LEGEND		
	-	RIPRAP
	-	EXISTING ACCESS ASPHALT ROAD
	-	ABANDONED WATER MAIN
	-	EXISTING DOCKS



		
		
		
		
LETTER	REVISIONS	DATE



DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'



950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

EXISTING CONDITION PLAN

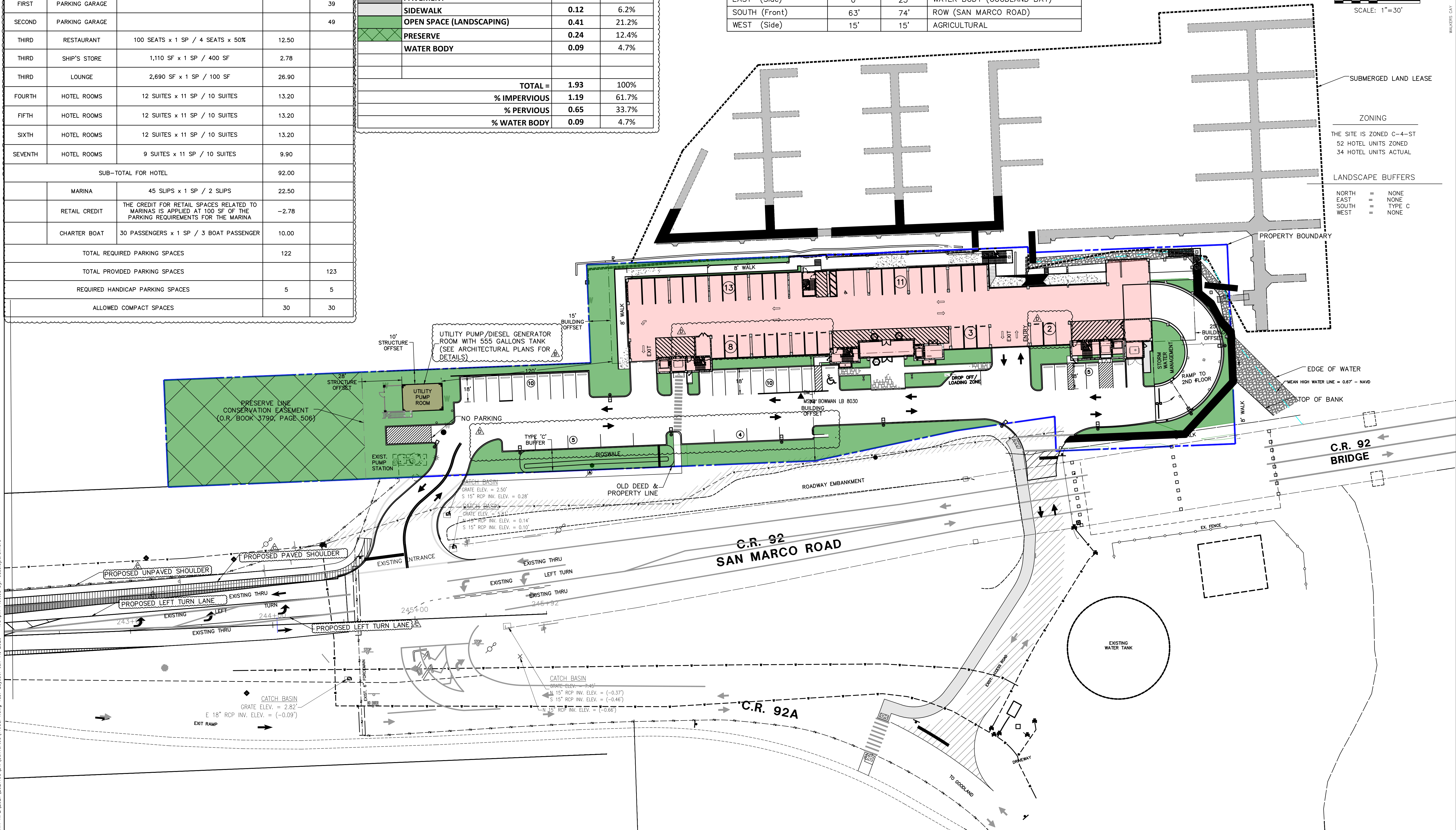
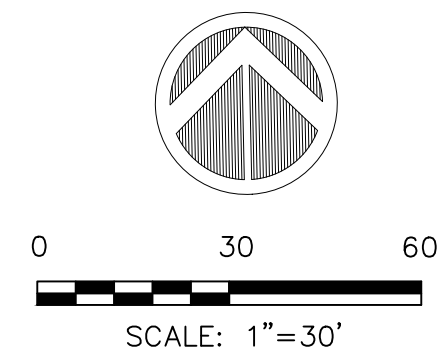
ENGINEER: KEVIN M. DOWTY, P.E. LICENSE No. 82330		
THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO.	DRAWING NO.
	1163EX1	1163
DATE _____	PROJECT NO.	SHEET NO.
	2021.163	3 OF 15

PARKING SUMMARY PER LDC SEC. 30-488(5)				
FLOOR	USE	REQUIREMENT	SPACES REQUIRED	SPACES PROVIDED
	LOADING ZONE	1,000 SF TO 10,000 SF (RETAIL)	1	1
	PARKING LOT			33
FIRST	PARKING GARAGE			39
SECOND	PARKING GARAGE			49
THIRD	RESTAURANT	100 SEATS x 1 SP / 4 SEATS x 50%	12.50	
THIRD	SHIP'S STORE	1,110 SF x 1 SP / 400 SF	2.78	
THIRD	LOUNGE	2,690 SF x 1 SP / 100 SF	26.90	
FOURTH	HOTEL ROOMS	12 SUITES x 11 SP / 10 SUITES	13.20	
FIFTH	HOTEL ROOMS	12 SUITES x 11 SP / 10 SUITES	13.20	
SIXTH	HOTEL ROOMS	12 SUITES x 11 SP / 10 SUITES	13.20	
SEVENTH	HOTEL ROOMS	9 SUITES x 11 SP / 10 SUITES	9.90	
SUB-TOTAL FOR HOTEL			92.00	
	MARINA	45 SLIPS x 1 SP / 2 SLIPS	22.50	
	RETAIL CREDIT	THE CREDIT FOR RETAIL SPACES RELATED TO MARINAS IS APPLIED AT 100 SF OF THE PARKING REQUIREMENTS FOR THE MARINA	-2.78	
	CHARTER BOAT	30 PASSENGERS x 1 SP / 3 BOAT PASSENGER	10.00	
TOTAL REQUIRED PARKING SPACES			122	
TOTAL PROVIDED PARKING SPACES				123
REQUIRED HANDICAP PARKING SPACES			5	5
ALLOWED COMPACT SPACES			30	30

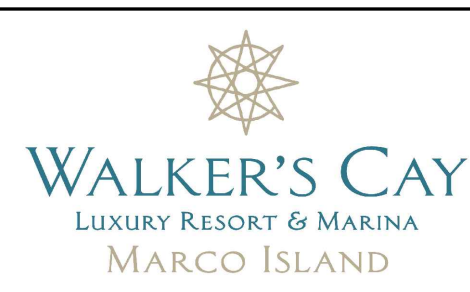
PROPOSED LAND USE TABLE			
ONSITE AREAS		AC	%
MAIN BUILDING (HOTEL)		0.49	25.4%
ACCESSORY BUILDING (PUMP ROOM)		0.01	0.5%
PAVEMENT		0.57	29.5%
SIDEWALK		0.12	6.2%
OPEN SPACE (LANDSCAPING)		0.41	21.2%
PRESERVE		0.24	12.4%
WATER BODY		0.09	4.7%
TOTAL =		1.93	100%
% IMPERVIOUS		1.19	61.7%
% PERVIOUS		0.65	33.7%
% WATER BODY		0.09	4.7%

SETBACK AND ZONING DATA TABLE			
SETBACKS			ZONING
	REQUIRED	PROVIDED	
NORTH (Rear - Marina)	0'	0'	WATER BODY (GOODLAND BAY)
EAST (Side)	0'	25'	WATER BODY (GOODLAND BAY)
SOUTH (Front)	63'	74'	ROW (SAN MARCO ROAD)
WEST (Side)	15'	15'	AGRICULTURAL

NOTE:
THE DRIVEWAY AND PEDESTRIAN ACCESS PROVIDED UNDERNEATH THE GOODLAND BRIDGE IS PURSUANT TO A LEASE AGREEMENT HELD WITH COLLIER COUNTY, FLORIDA, AND IS SUBJECT TO THE TERMS, CONDITIONS, AMENDMENTS, AND/OR TERMINATION OF SUCH LEASE AGREEMENT.



REVISIONS	DATE
REVISED PER CITY COMMENTS	5/2026
REVISED PER CITY COMMENTS	11/2025
REVISED PER CITY COMMENTS	5/2025



DESIGNED BY	DATE
K.M.D.	12/23
DRAWN BY	DATE
S.P.C.	12/23
CHECKED BY	DATE
K.M.D.	12/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	1" = 40'

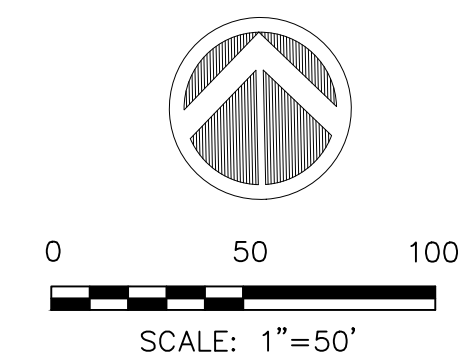


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Authorization No.1772

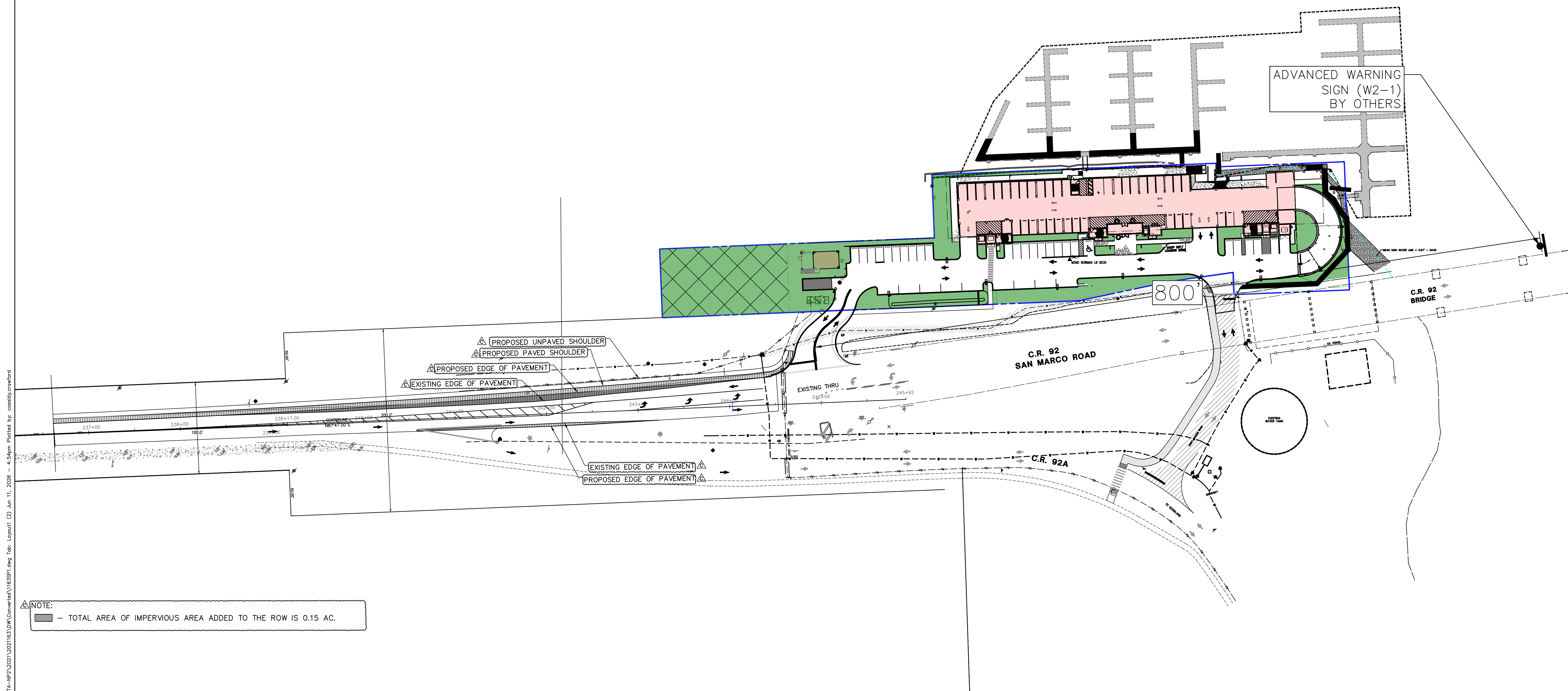
SITE PLAN

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:
DATE

REFERENCE NO.	DRAWING NO.
1163SP1	1163
PROJECT NO.	SHEET NO.
2021.163	4 OF 15



WALKERS CAY 2021.163



Q:\FL-NAPL-HM\HMDATA-HP2\2021\2021163\DW\Converted\1163SP1.dwg Tab: Layout1 (2) Jun 11, 2026 - 4:54pm Plotted by: cassidy.crawford

DESIGNED BY	K.M.D.	DATE	12/23
DRAWN BY	S.P.C.	DATE	12/23
CHECKED BY	K.M.D.	DATE	12/23
VERTICAL SCALE	N/A	HORIZONTAL SCALE	1" = 40'
LETTER	REVISIONS	DATE	



DESIGNED BY	K.M.D.	DATE	12/23
DRAWN BY	S.P.C.	DATE	12/23
CHECKED BY	K.M.D.	DATE	12/23
VERTICAL SCALE	N/A	HORIZONTAL SCALE	1" = 40'



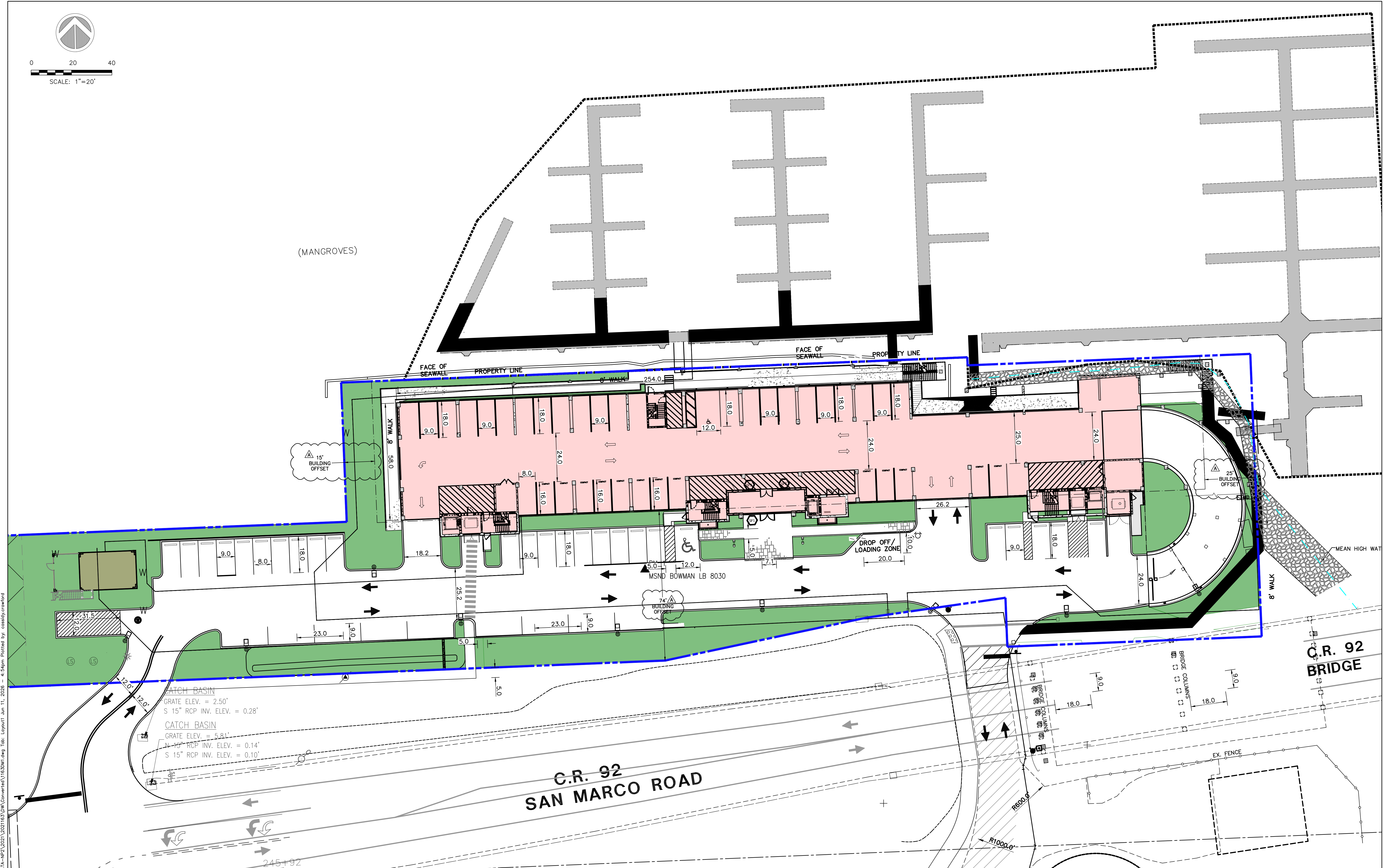
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Authorization No.1772

RIGHT-OF-WAY DESIGN PLANS (BY OTHERS)

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UNLESS SIGNED BELOW:

DATE _____

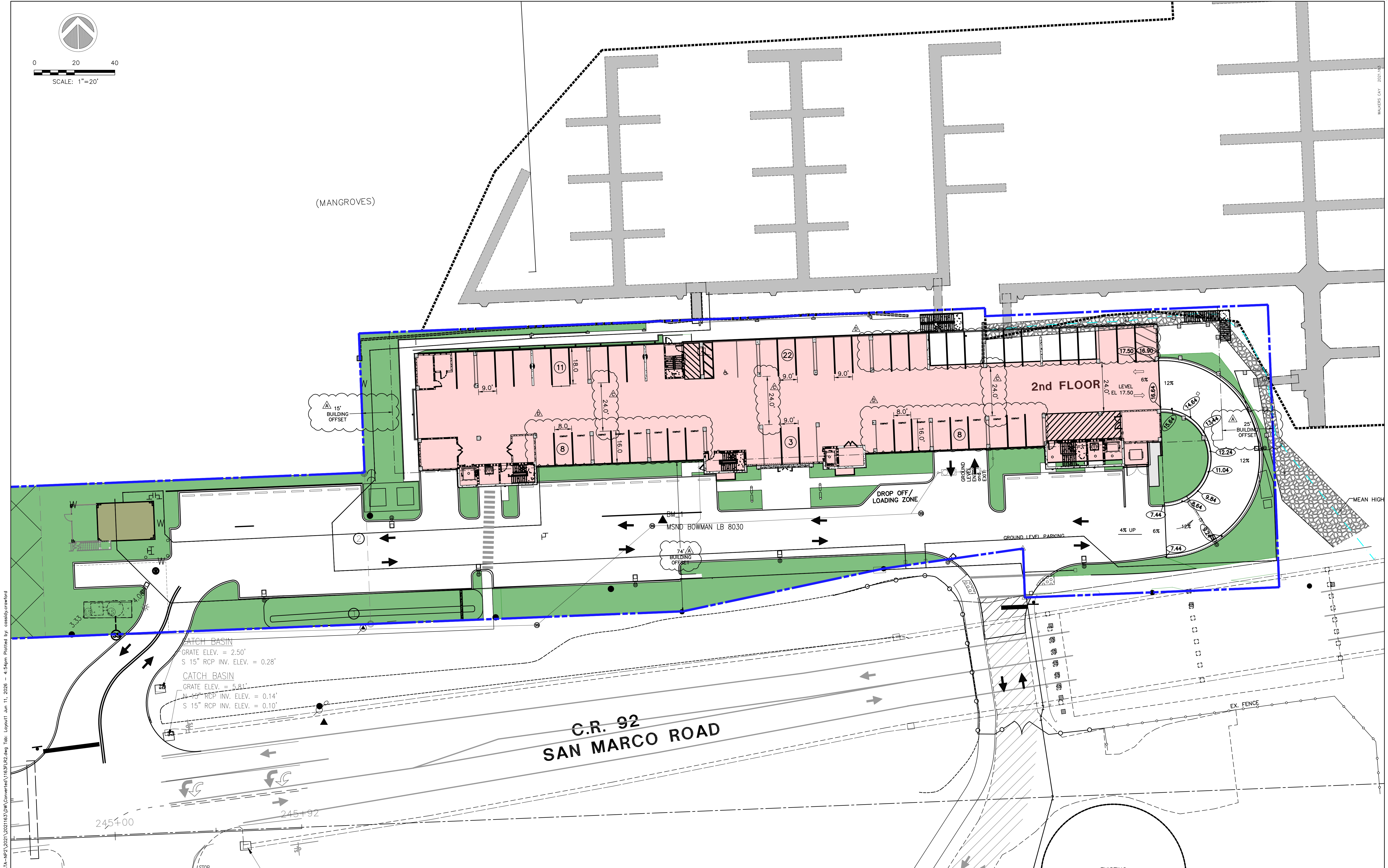
REFERENCE NO.	1163SP1	DRAWING NO.	1163
PROJECT NO.	2021.163	SHEET NO.	4A of 15



Q. VFL-NAPL-HM VMD			
			
			
			
		REVISED PER CITY OF MARCO ISLAND COMMENTS	10/2024
	LETTER	REVISIONS	DATE

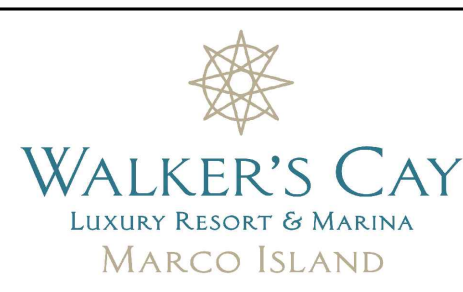
DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'

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Q:\FL-NAPL-HM\INDATA-NP\2021\163\DWG\Converted\1163FLR2.dwg Tab: Layout1 Jun 11, 2026 - 4:54pm Plotted by: cassy.conford

DESIGNED BY	K.M.D.	DATE	12/23
DRAWN BY	S.P.C.	DATE	12/23
CHECKED BY	K.M.D.	DATE	12/23
VERTICAL SCALE	N/A	HORIZONTAL SCALE	1" = 20'
LETTER	REVISIONS	DATE	
	REVISED PER CITY OF MARCO ISLAND COMMENTS	5/2026	
	REVISED PER CITY OF MARCO ISLAND COMMENTS	11/2025	
	REVISED PER CITY OF MARCO ISLAND COMMENTS	10/2024	



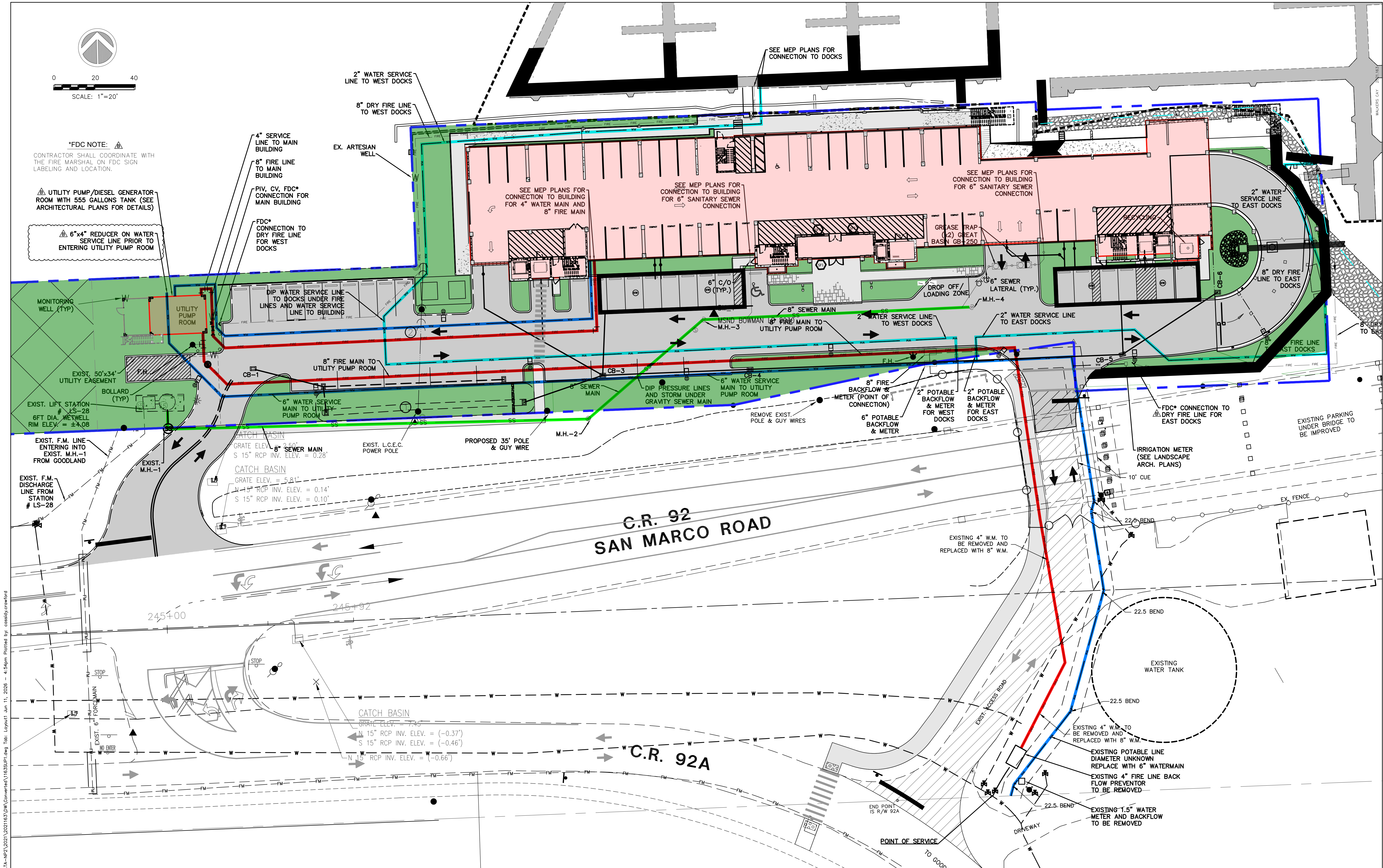
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DRAWN BY	S.P.C.	DATE	12/23
CHECKED BY	K.M.D.	DATE	12/23
VERTICAL SCALE	N/A	HORIZONTAL SCALE	1" = 20'



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SECOND FLOOR PLAN

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DATE	1163FLR2	1163
	PROJECT NO.	SHEET NO.
	2021.163	6 OF 15



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REVISIONS	DATE
REVISED PER CITY OF MARCO ISLAND COMMENTS	05/2025
REVISED PER CITY OF MARCO ISLAND COMMENTS	10/2024



DESIGNED BY	DATE
K.M.D.	12/23
DRAWN BY	DATE
S.P.C.	12/23
CHECKED BY	DATE
K.M.D.	12/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	1" = 20'



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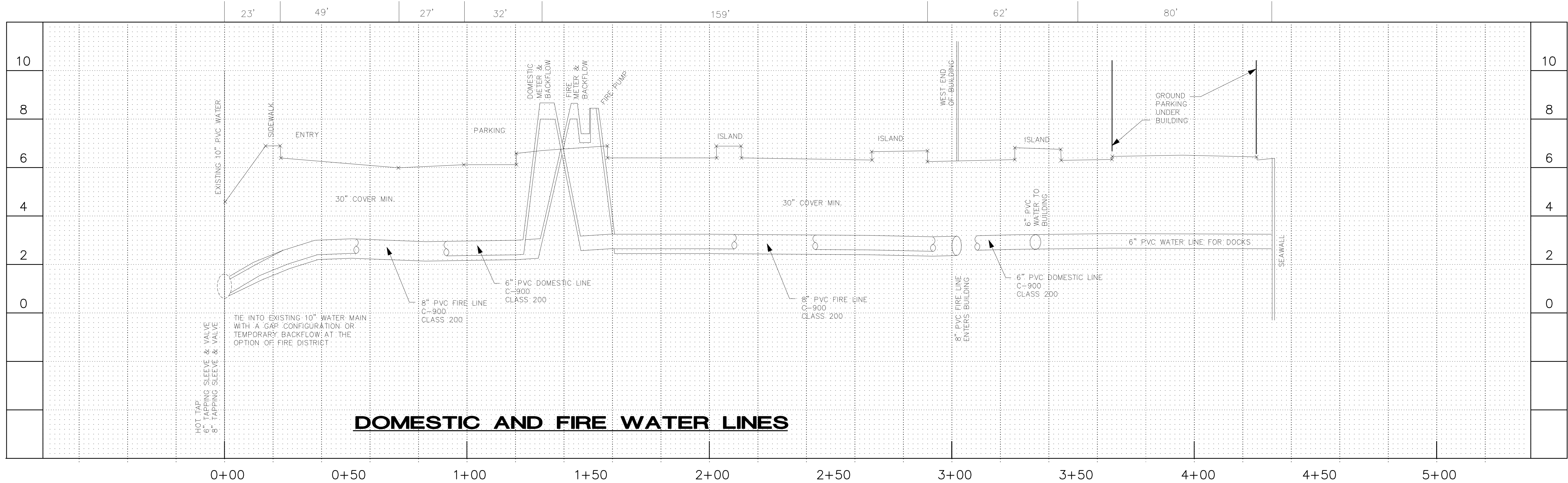
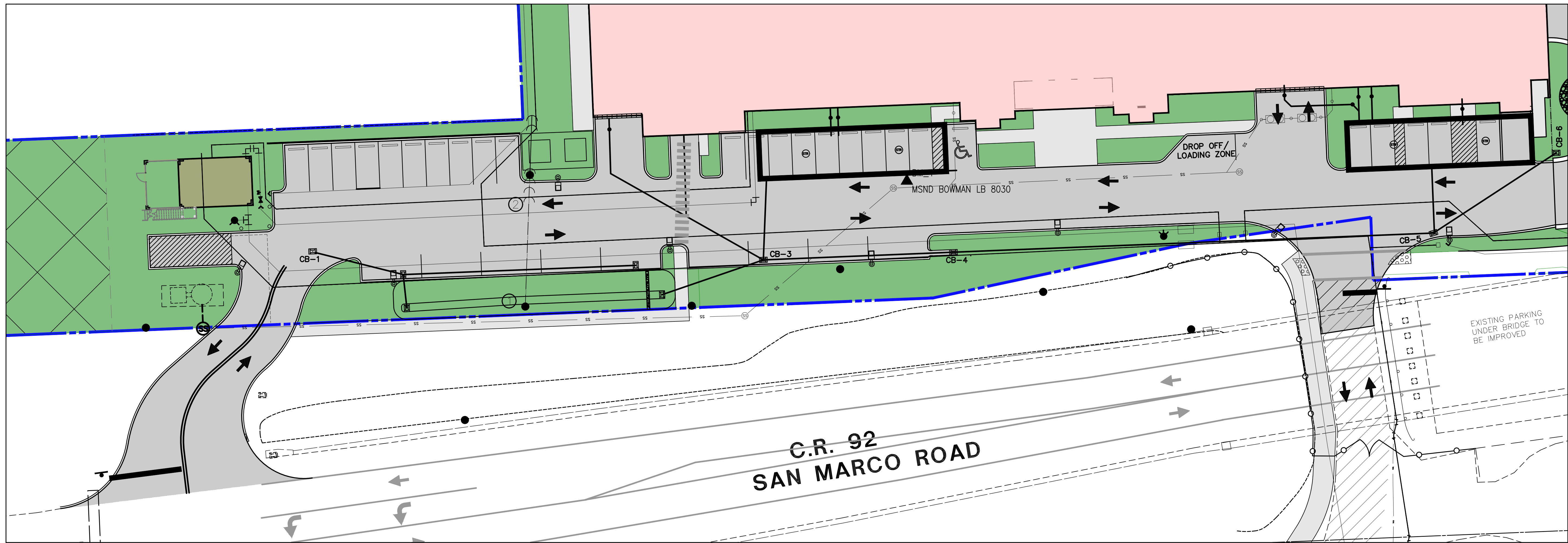
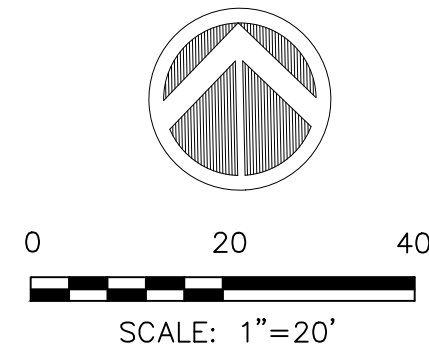
SITE UTILITIES PLAN

THESE DRAWINGS ARE NOT
APPROVED FOR CONSTRUCTION
UNLESS SIGNED BELOW:

DATE _____

REFERENCE NO.	DRAWING NO.
1163SUP1	1163
PROJECT NO.	SHEET NO.
2021.163	7 OF 15

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LETTER	REVISIONS	DATE



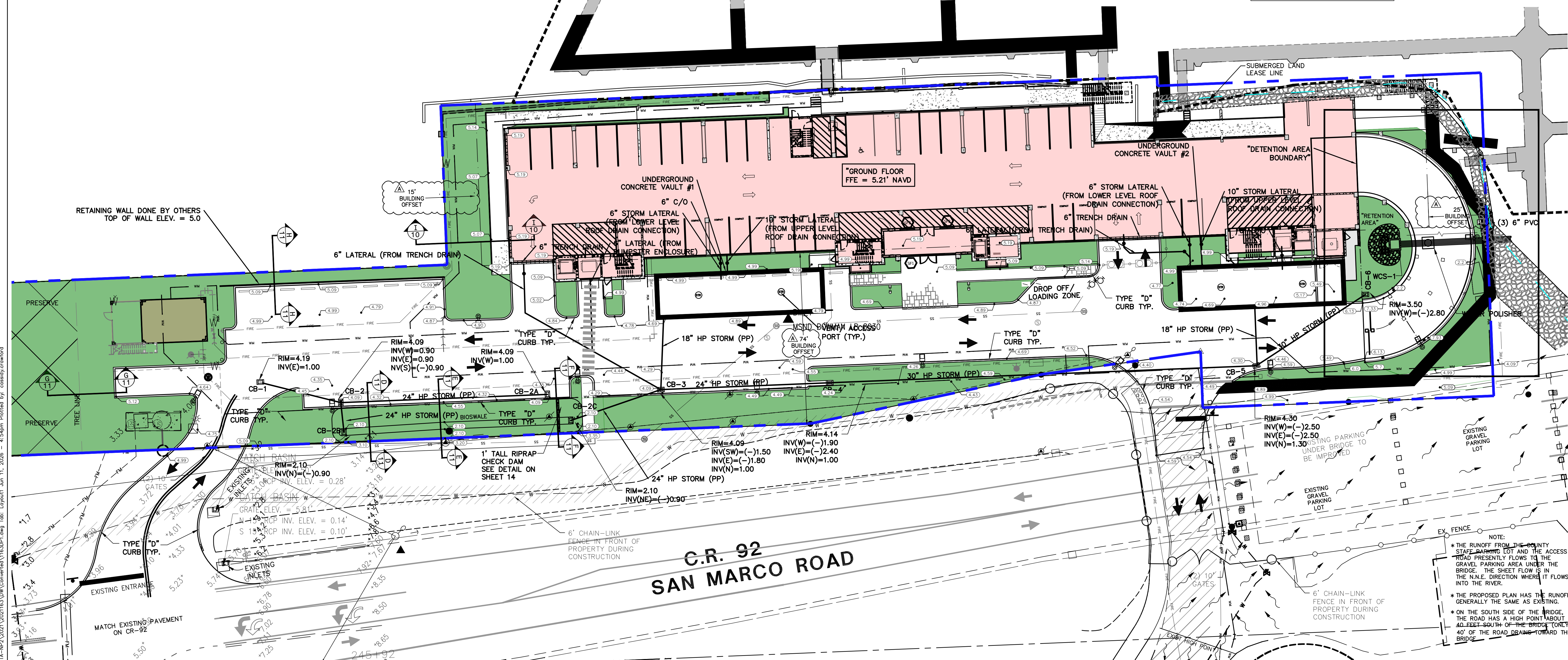
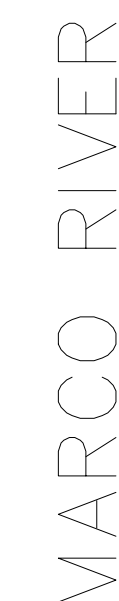
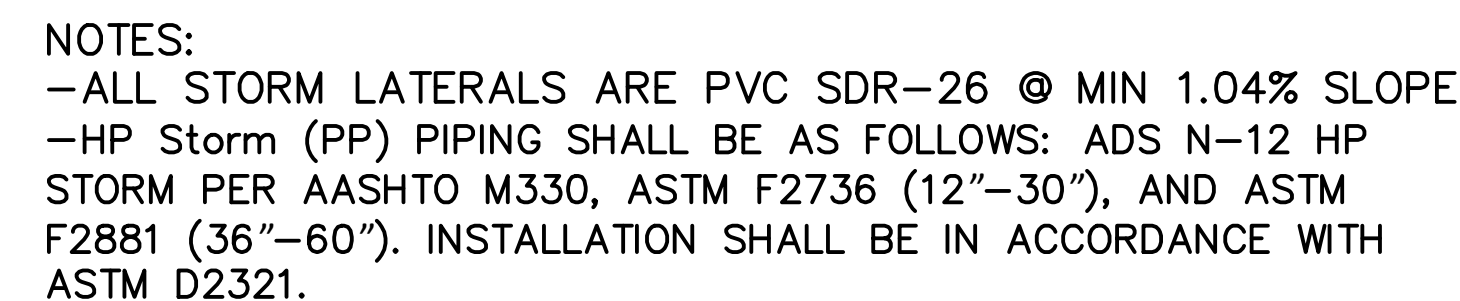
DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 20'



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SITE DIMENSION PLAN

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	PROJECT NO. 2021.163	SHEET NO. 8 of 15



		
		
		
	REVISED PER CITY OF MARCO ISLAND COMMENTS	10/2024
LETTER	REVISIONS	DATE



WALKER'S CAY
LUXURY RESORT & MARINA
MARCO ISLAND

DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 20'



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SITE PAVING, GRADING AND DRAINAGE PLAN

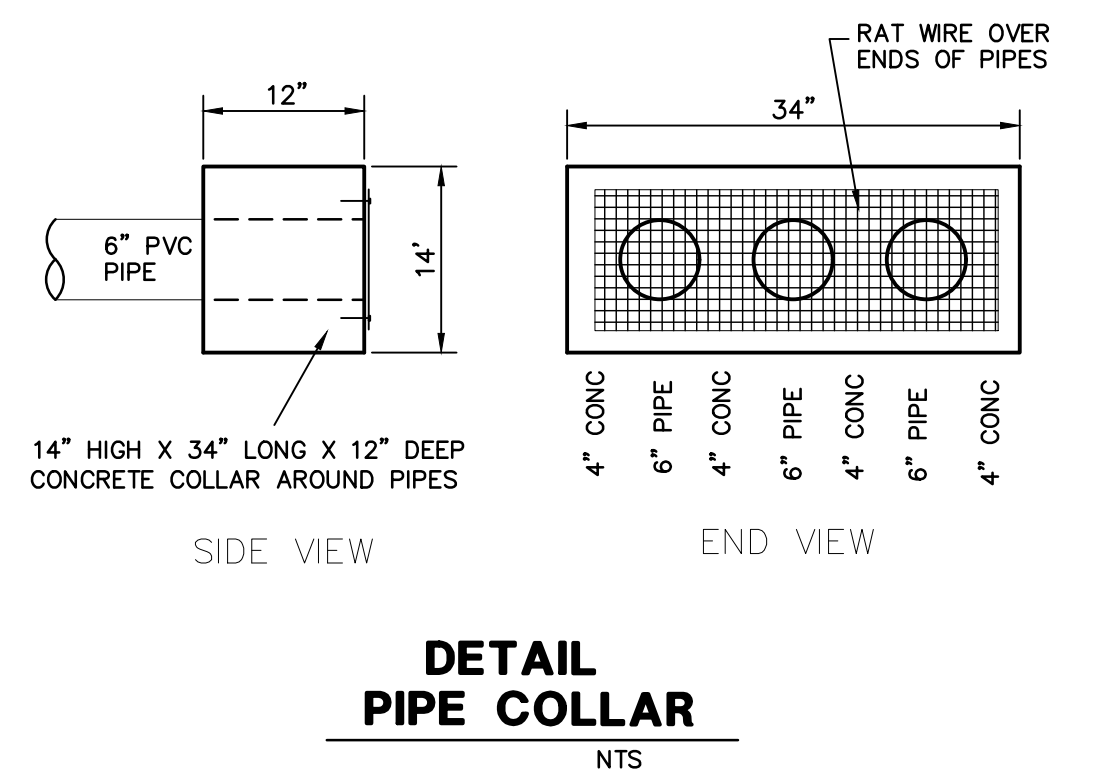
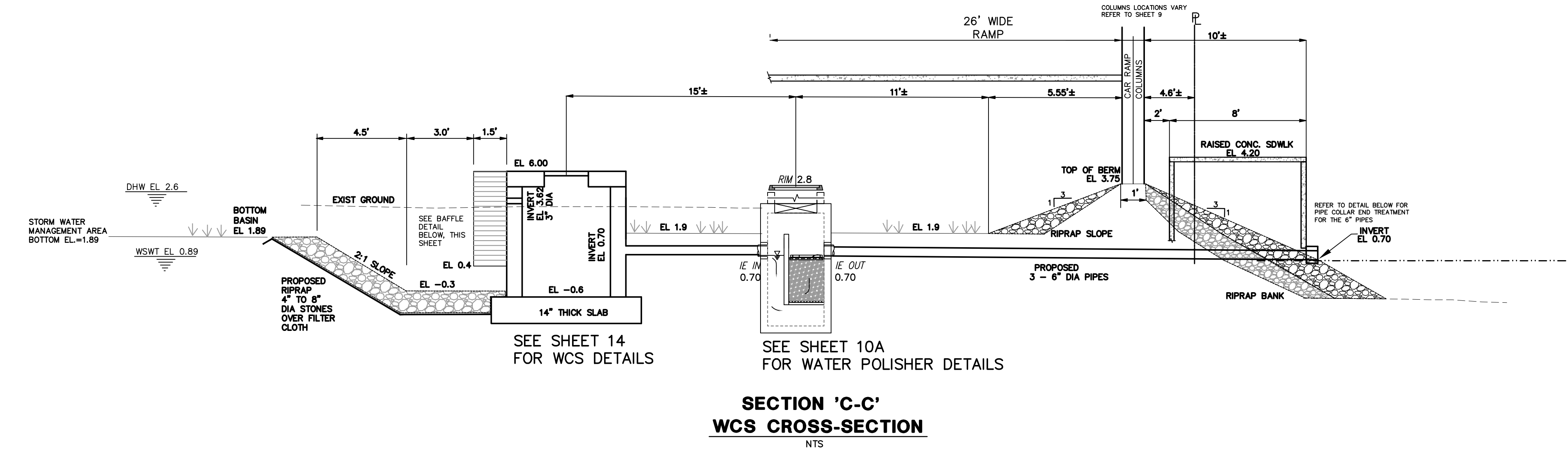
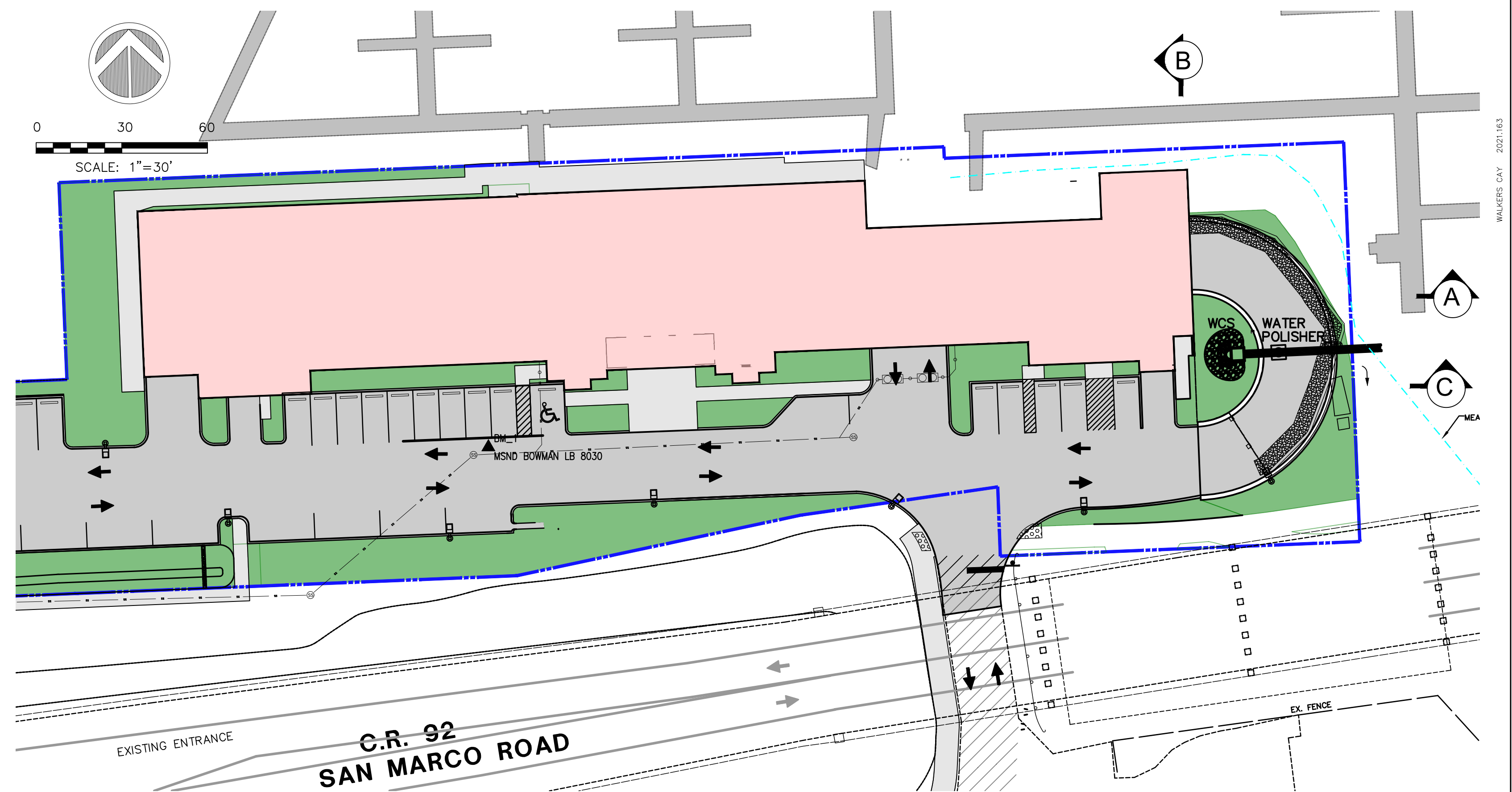
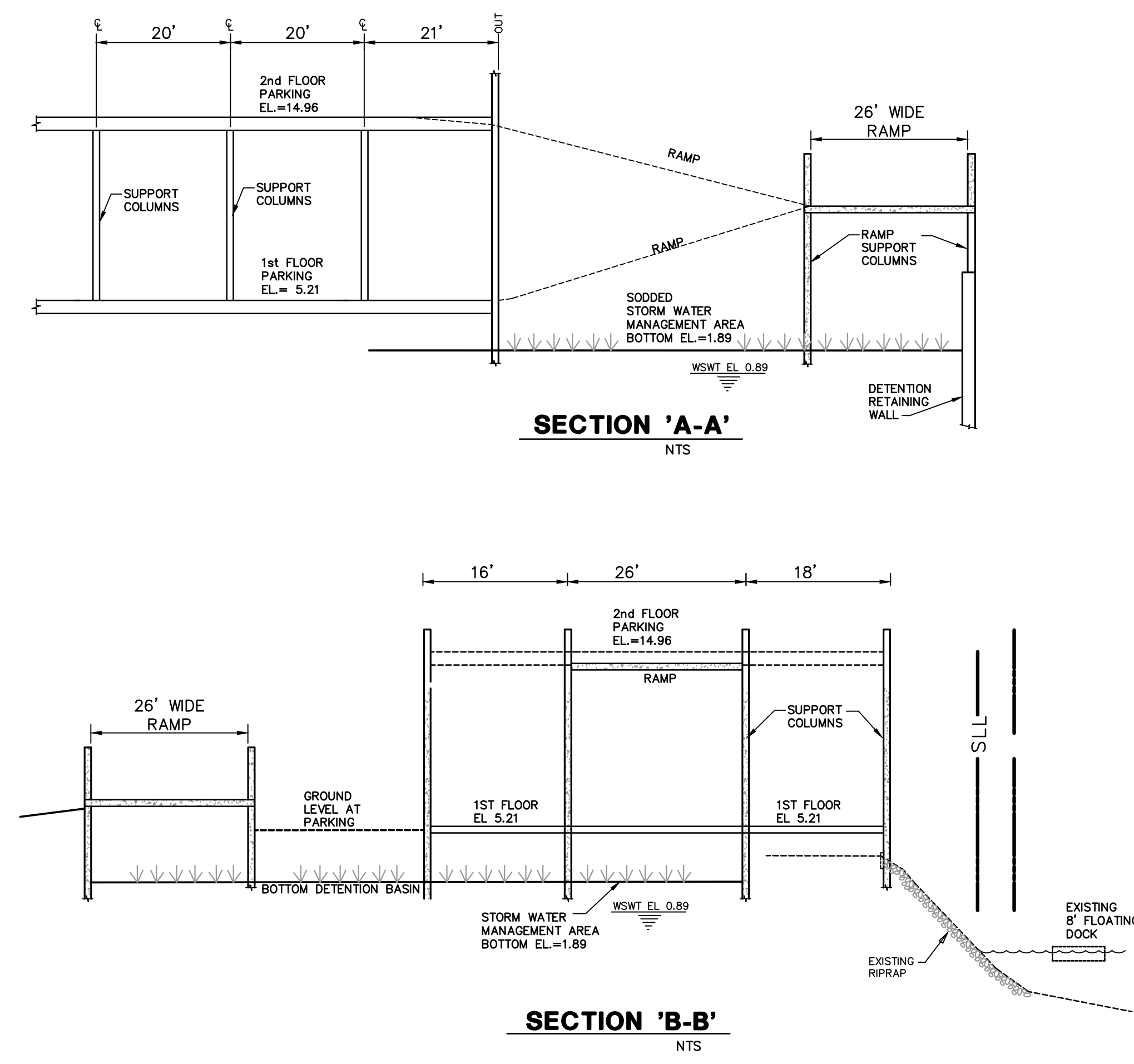
THESE DRAWINGS ARE NOT
APPROVED FOR CONSTRUCTION
UNLESS SIGNED BELOW:

DATE _____

REFERENCE NO.	DRAWING NO.
1163DP1	1163
PROJECT NO.	SHEET NO.
2021.163	9 OF 15

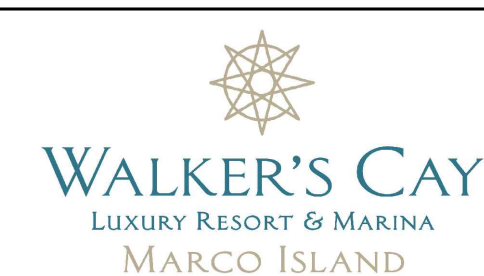
NOTE:

- * THE RUNOFF FROM THE COUNTY STAFF BARNING LOT AND THE ACCESS ROAD PRESENTLY FLOWS TO THE GRAVEL PARKING AREA UNDER THE BRIDGE. THE SHEET FLOW IS IN THE N.N.E. DIRECTION WHERE IT FLOWS INTO THE RIVER.
- * THE PROPOSED PLAN HAS THE RUNOFF GENERALLY THE SAME AS EXISTING.
- * ON THE SOUTH SIDE OF THE BRIDGE, THE ROAD HAS A HIGH POINT ABOUT 40 FEET SOUTH OF THE BRIDGE. ONLY 40' OF THE ROAD DRAINS TOWARD THE BRIDGE.



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LETTER	REVISIONS	DATE



DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 30'



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DRAINAGE DETAILS

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DATE _____	PROJECT NO. 2021.163	SHEET NO. 10 OF 15

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5/17/24 SONU HARLOW

1. CONTECH TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.

2. ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS, AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHTS, AND ACCESSORIES PLEASE CONTACT CONTECH.

3. ALTERNATIVE HATCHES OR MANHOLES AVAILABLE UPON REQUEST.
1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE UNIT AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURER'S CONTRACT.

2. MANUFACTURER RECOMMENDS A 6"-12" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROJECT ENGINEER'S RECOMMENDED BASE SPECIFICATIONS.

3. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH).

4. ALL GAPS AROUND PIPES SHALL BE SEALED WATERTIGHT WITH A NON-SHRINK GROUT PER MANUFACTURER'S STANDARD CONNECTION DETAIL AND SHALL MEET OR EXCEED REGIONAL PIPE CONNECTION STANDARDS.

5. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. ALL COVERS SHALL BE SHIPPED LOOSE. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.

THE PRODUCT DESCRIBED
MAY BE PROTECTED BY
ONE OR MORE US PATENTS,
RELATED FOREIGN PATENTS,
OR OTHER PATENTS
PENDING

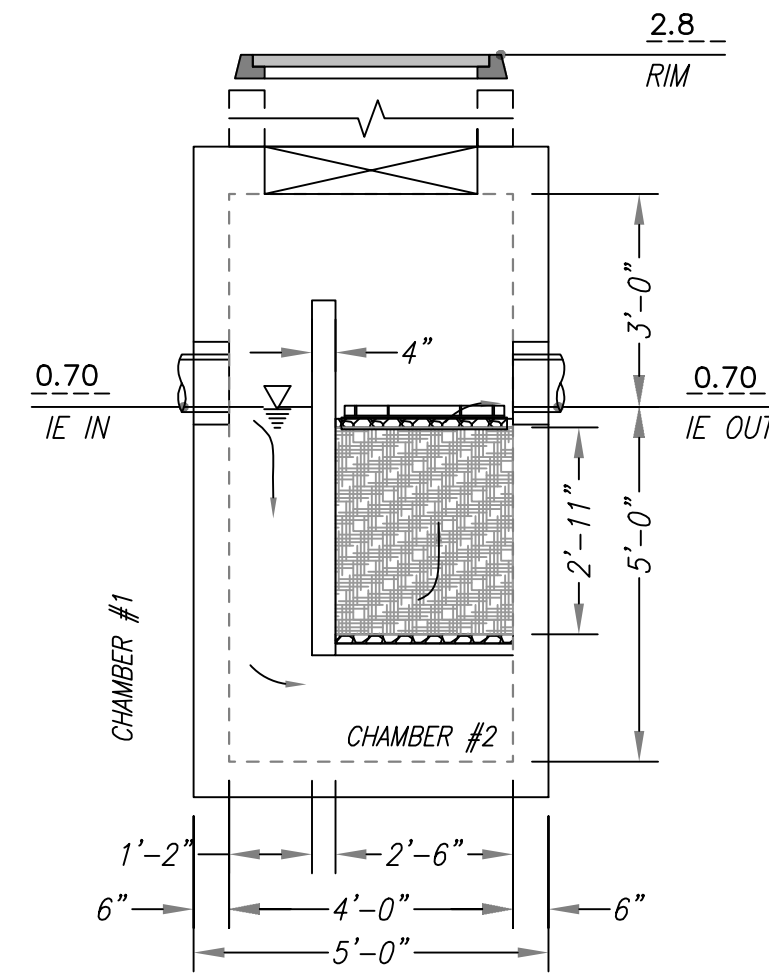
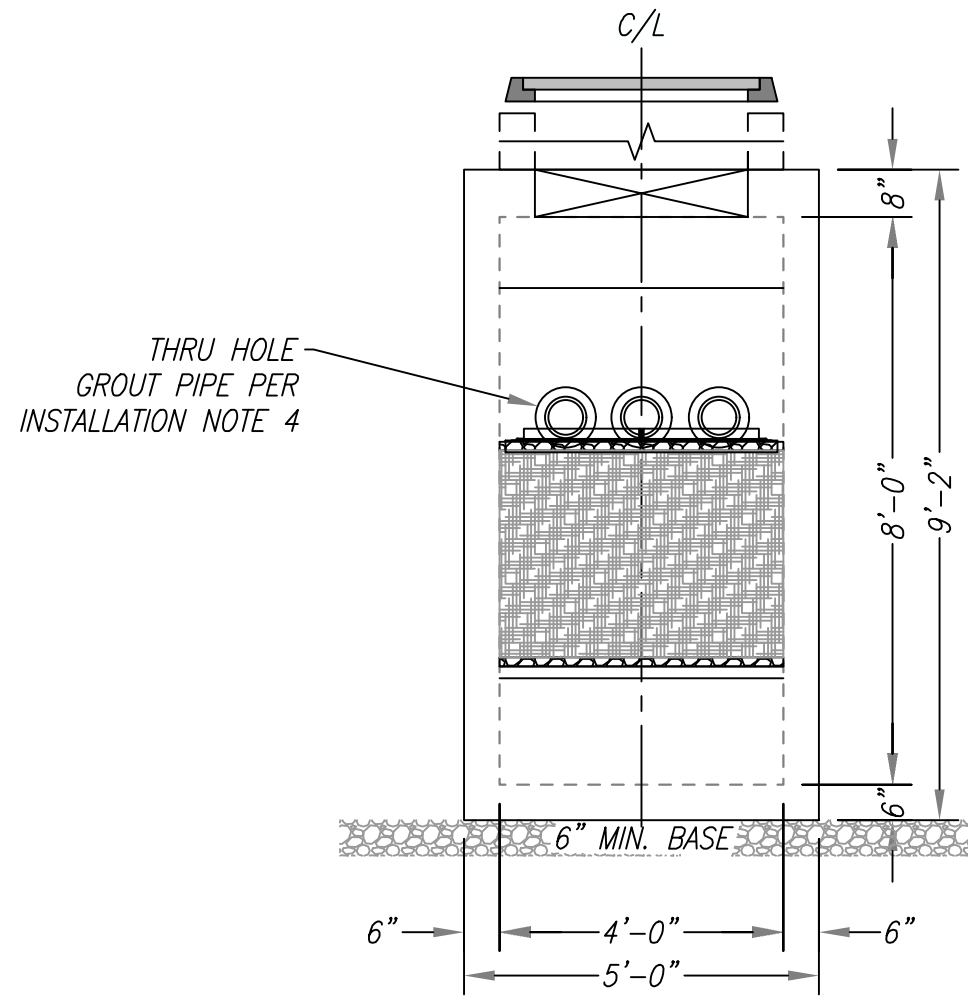
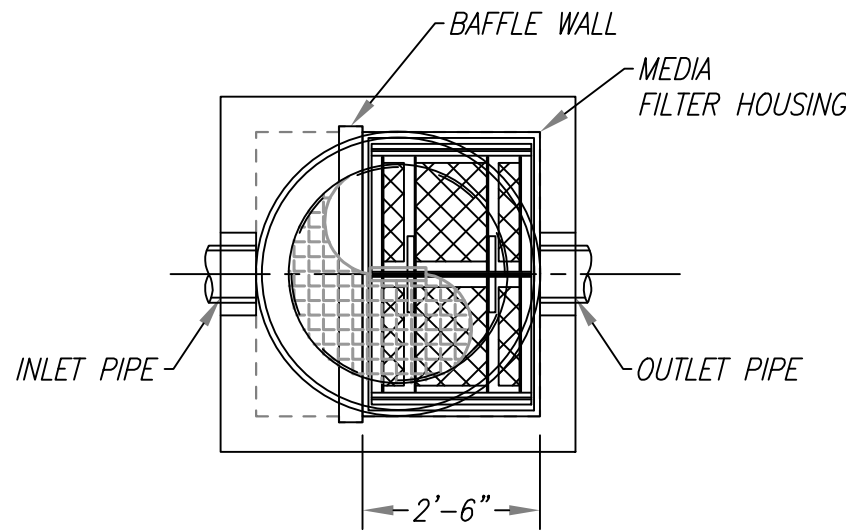
PROPRIETARY AND CONFIDENTIAL:
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
CONTECH ENGINEERED SOLUTIONS, LLC. ANY REPRODUCTION IN PART OR AS
A WHOLE WITHOUT THE WRITTEN PERMISSION OF CONTECH ENGINEERED
SERVICES, LLC IS PROHIBITED.

CONTECH
ENGINEERED SOLUTIONS LLC
www.ContechES.com

WATER POLISHER

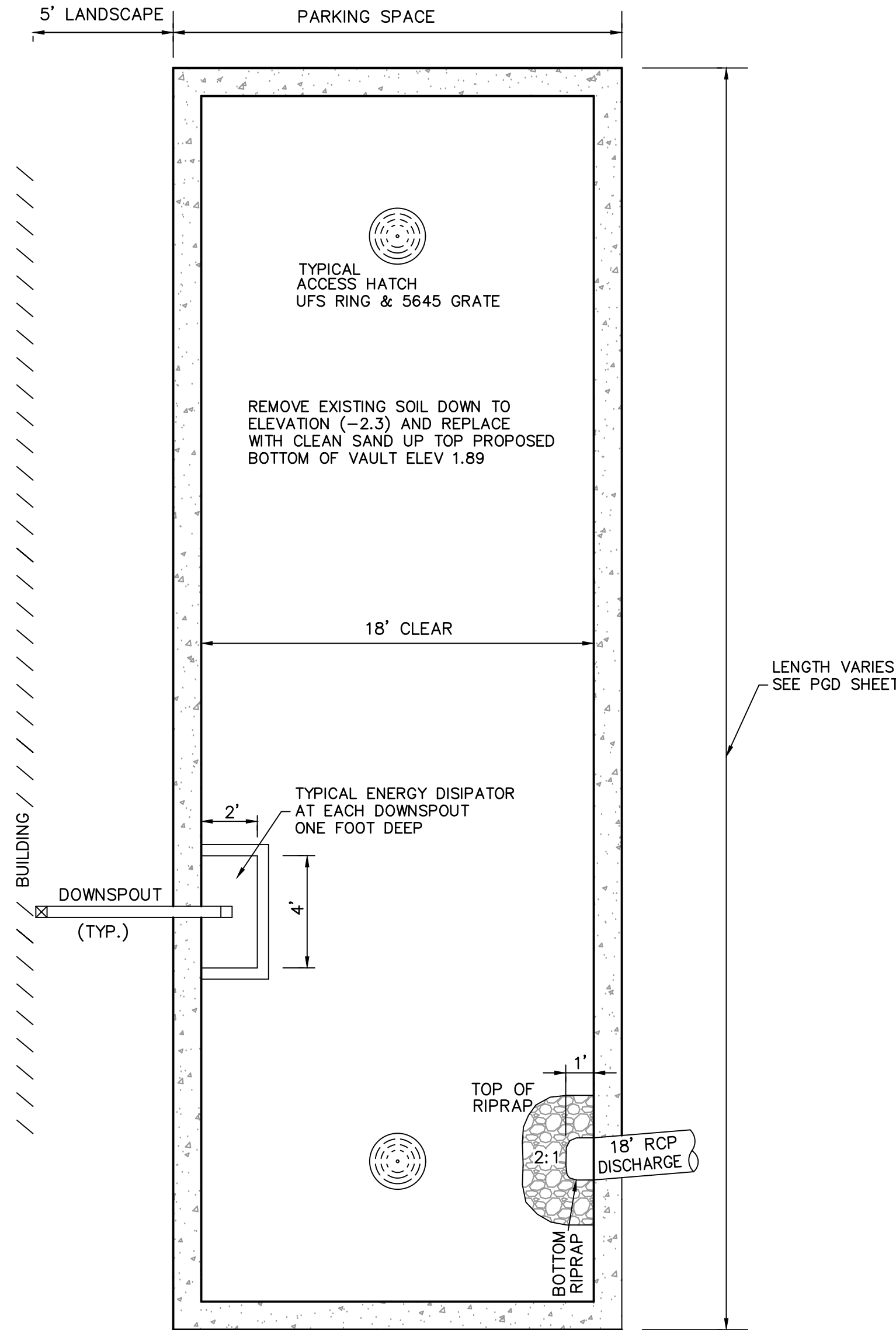
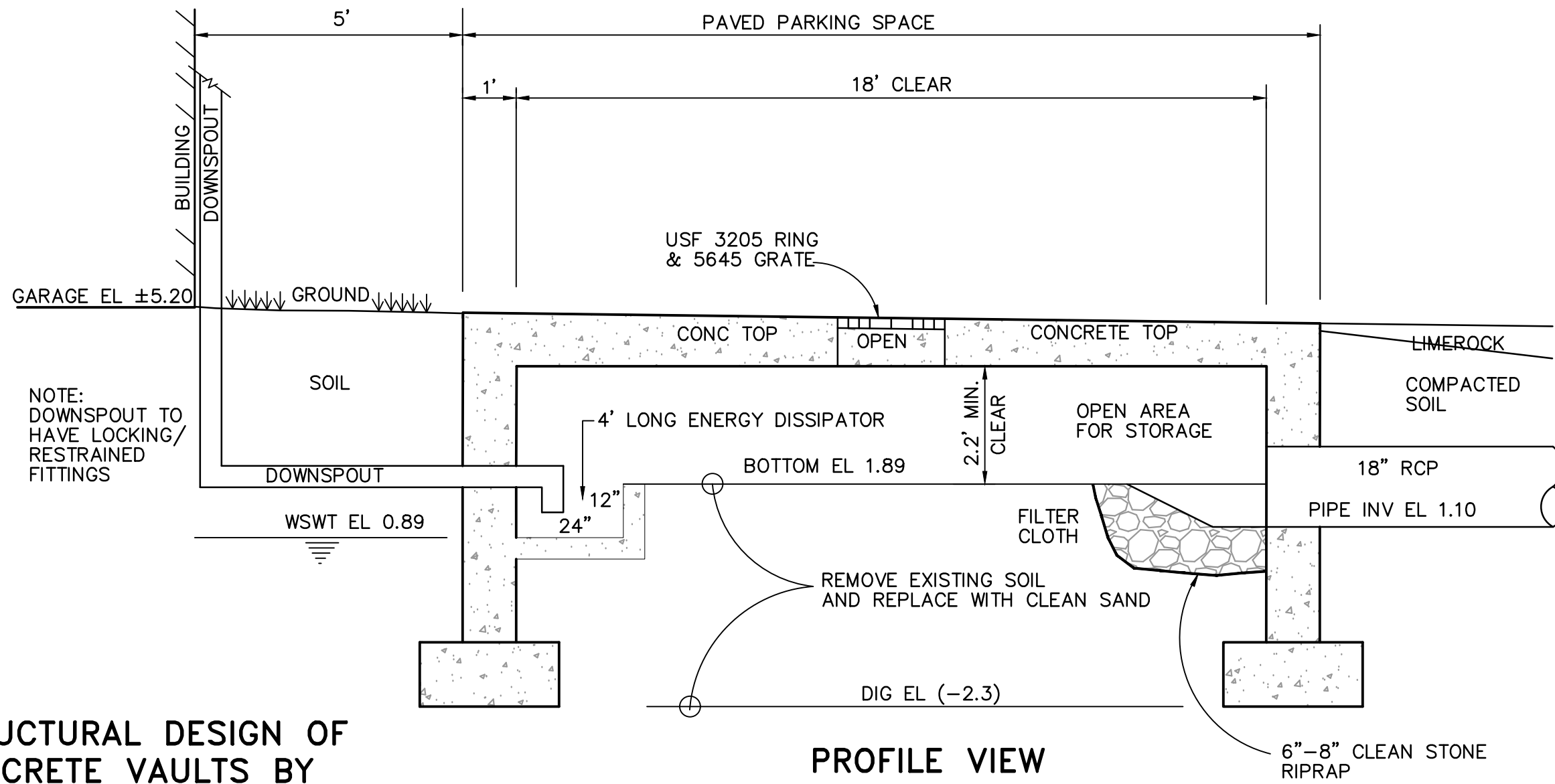
PROJECT NUMBER	2021163		
PROJECT NAME	WALKER'S CAY		
PROJECT LOCATION	MARCO ISLAND		
STRUCTURE ID	MEDIA FILTER 1		
WATER QUALITY FLOW RATE (CFS)	0.0891		
PEAK FLOW RATE (CFS)	N/K		
PEAK STORM DURATION (YEARS)	N/K		
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE	0.70	PVC	6"
OUTLET PIPE	0.70	PVC	6"
RIM ELEVATION	2.8		
SURFACE LOADING REQUIREMENT			H2O D
FRAME AND COVER			ø36"
KNOWN GROUNDWATER ELEVATION			0.89
NOTES:			
*PER ENGINEER OF RECORD			

80% TP TREATMENT FLOW RATE (CFS)	0.0891
MEDIA SURFACE AREA (SF)	10
LOADING RATE (GPM/SF)	4.00
TOTAL SEDIMENT STORAGE CAPACITY (CF)	40.38



STRUCTURAL DESIGN OF
CONCRETE VAULTS BY
OTHERS.

PROFILE VIEW
VAULT UNDER PARKING
SOUTH SIDE OF BUILDING
N.T.S.



PLAN VIEW
VAULT UNDER PARKING
SOUTH SIDE OF BUILDING
N.T.S.

REVISIONS	DATE
LETTER	REVISIONS

WALKER'S CAY
LUXURY RESORT & MARINA
MARCO ISLAND

DESIGNED BY	DATE
K.M.D.	12/23
DRAWN BY	DATE
S.P.C.	12/23
CHECKED BY	DATE
K.M.D.	12/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	1" = 30'

HM
HOLEMONTES
a Bowmar company

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DRAINAGE DETAILS

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UNLESS SIGNED BELOW:

DATE _____

REFERENCE NO.
1163DD1

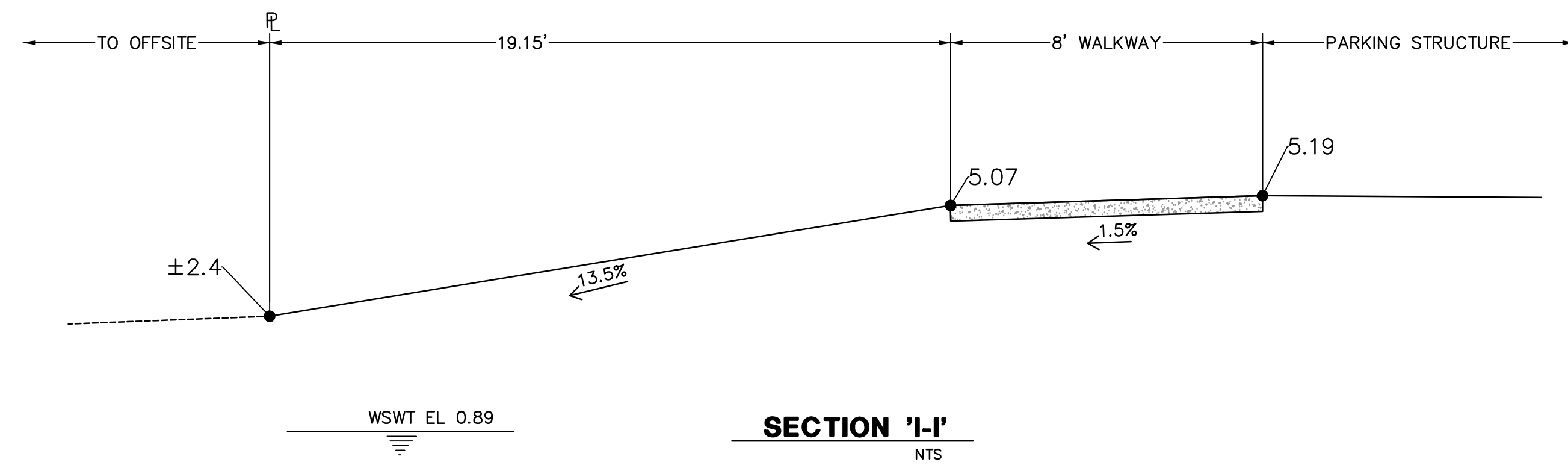
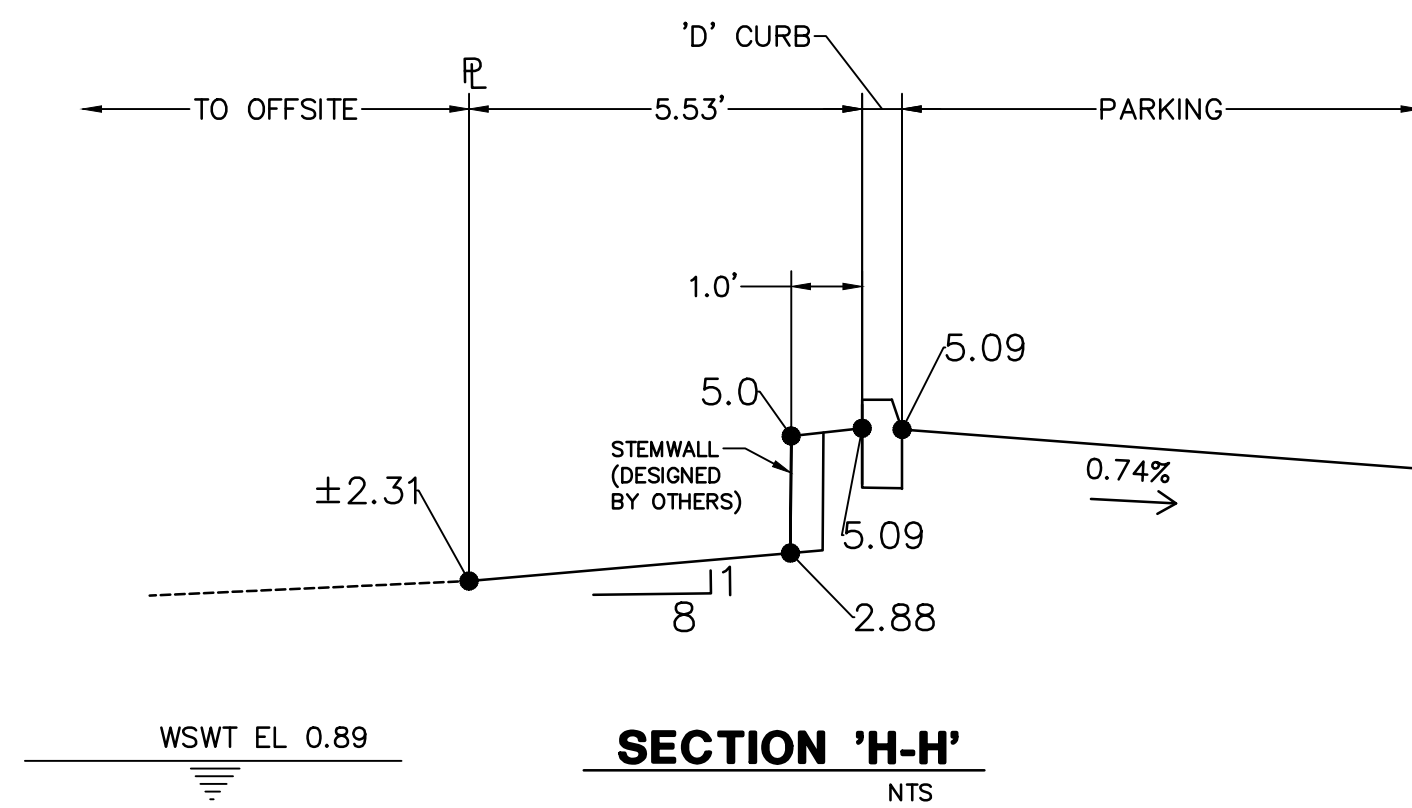
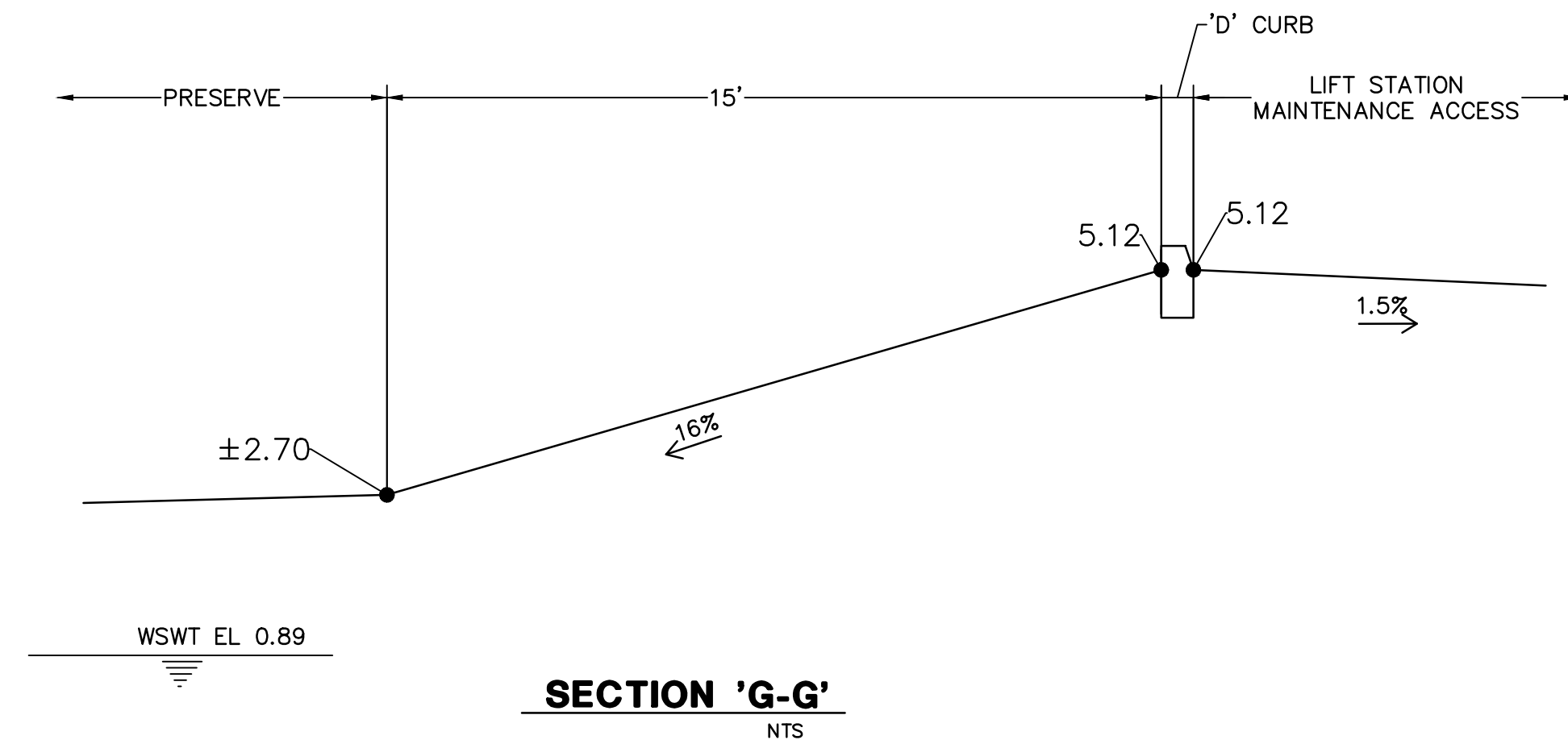
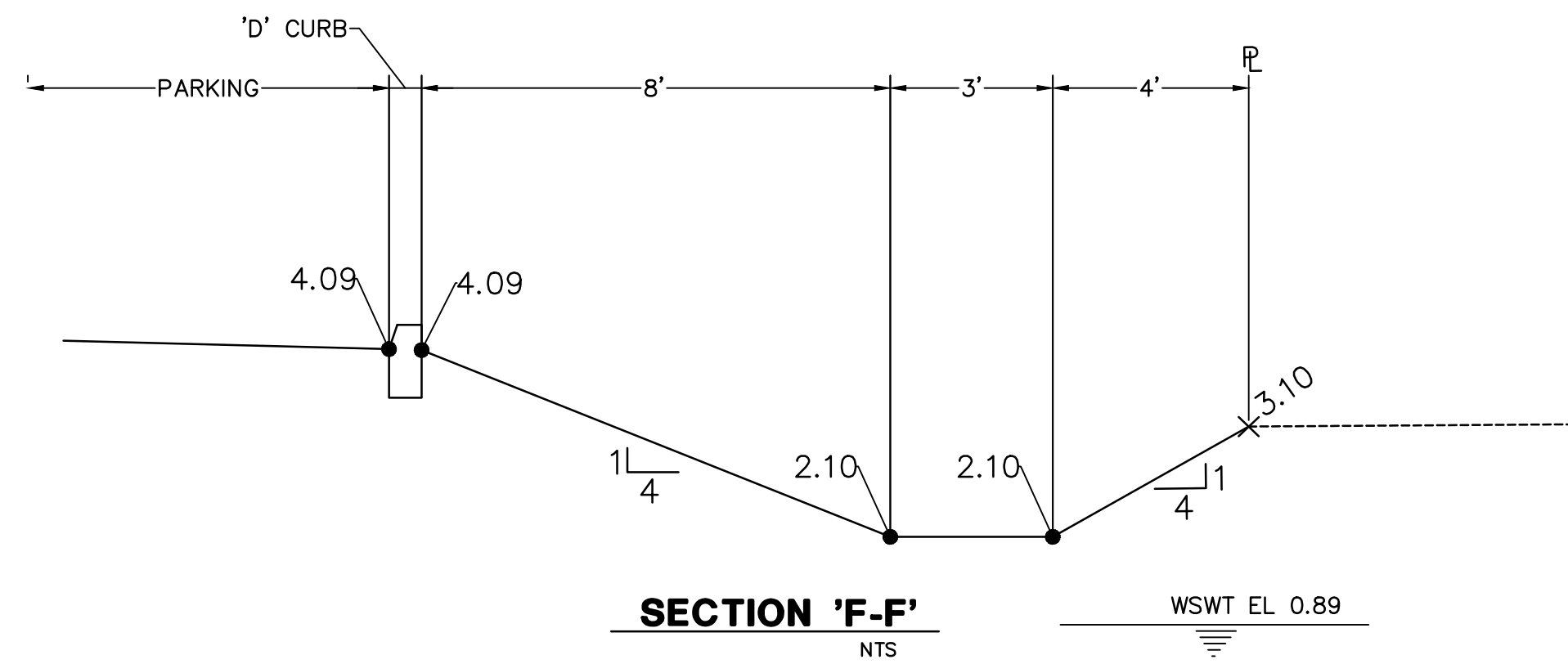
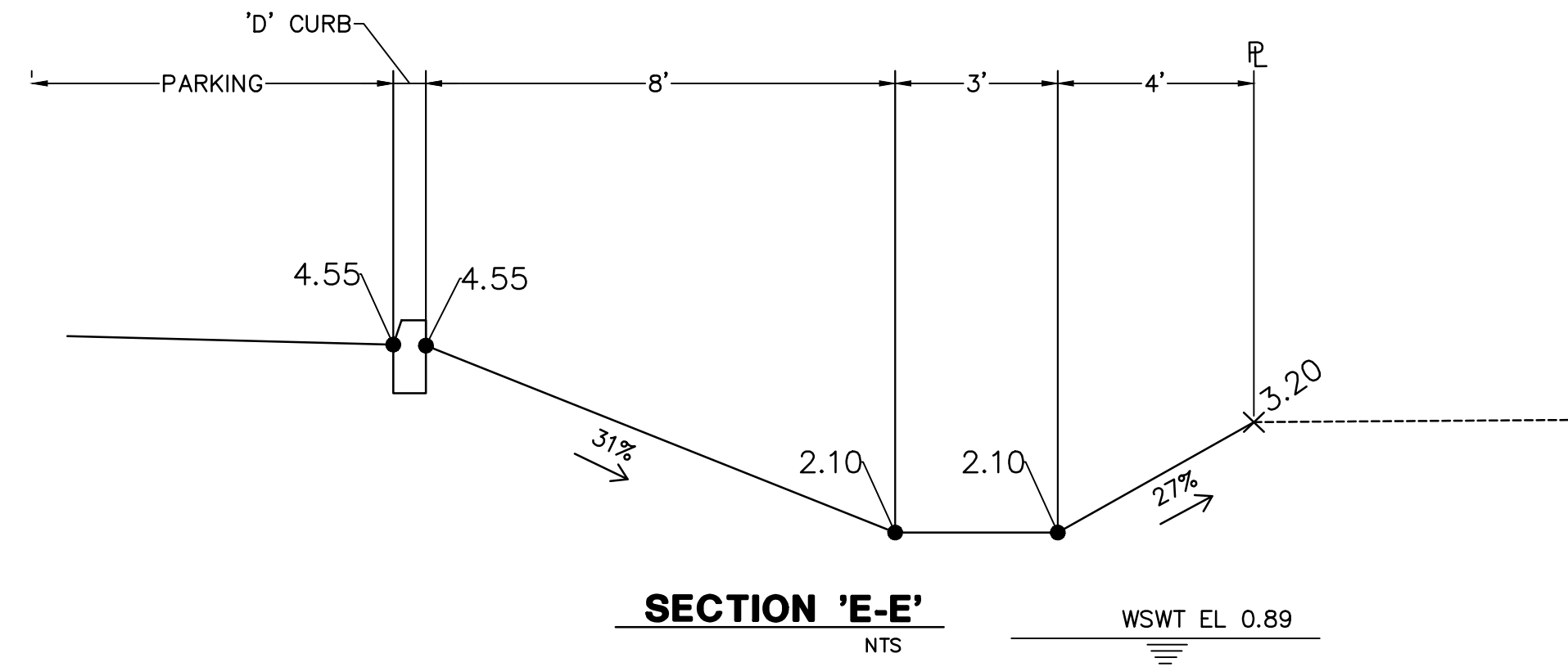
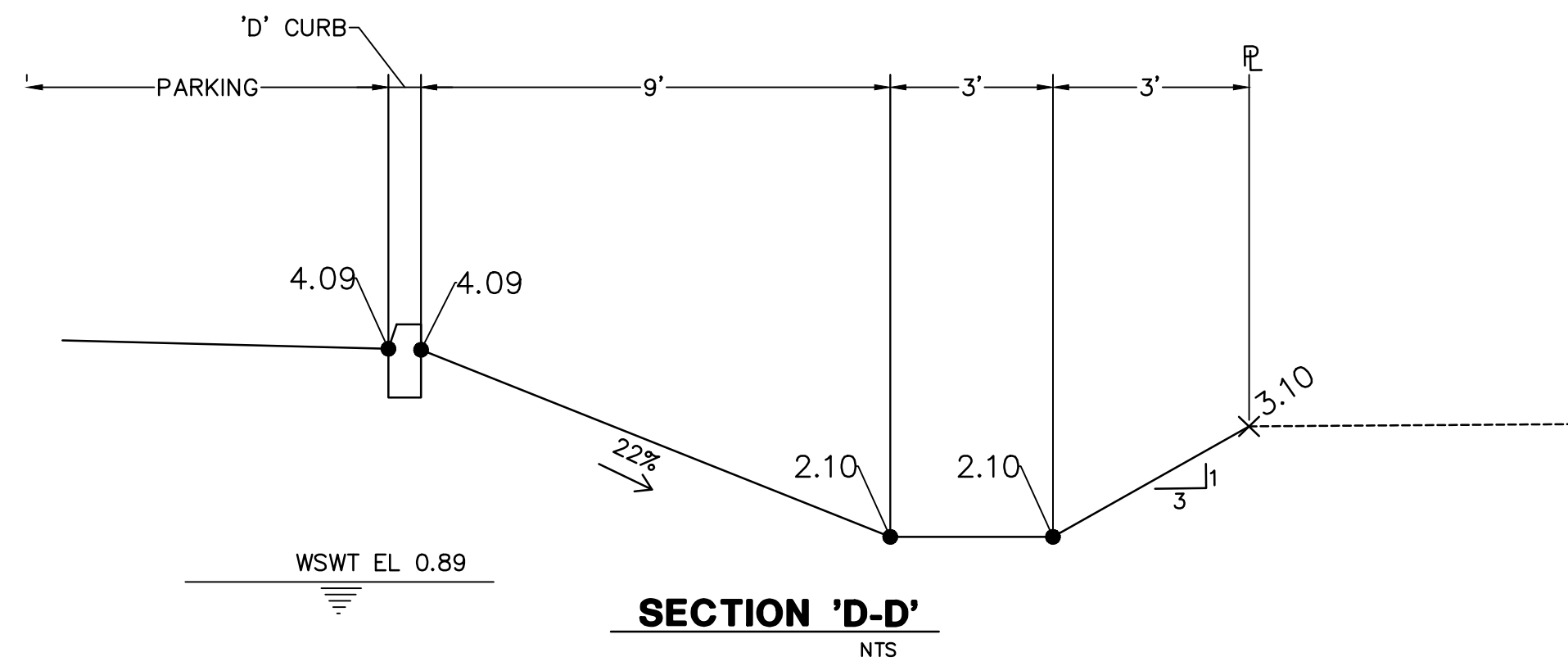
PROJECT NO.
2021.163

DRAWING NO.
1163

SHEET NO.
10A of 15

WALKER'S CAY 2021163

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SIDE VIEW

DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 30'



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Authorization No.1772

ADDITIONAL CROSS SECTIONS

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UNLESS SIGNED BELOW:

DATE _____

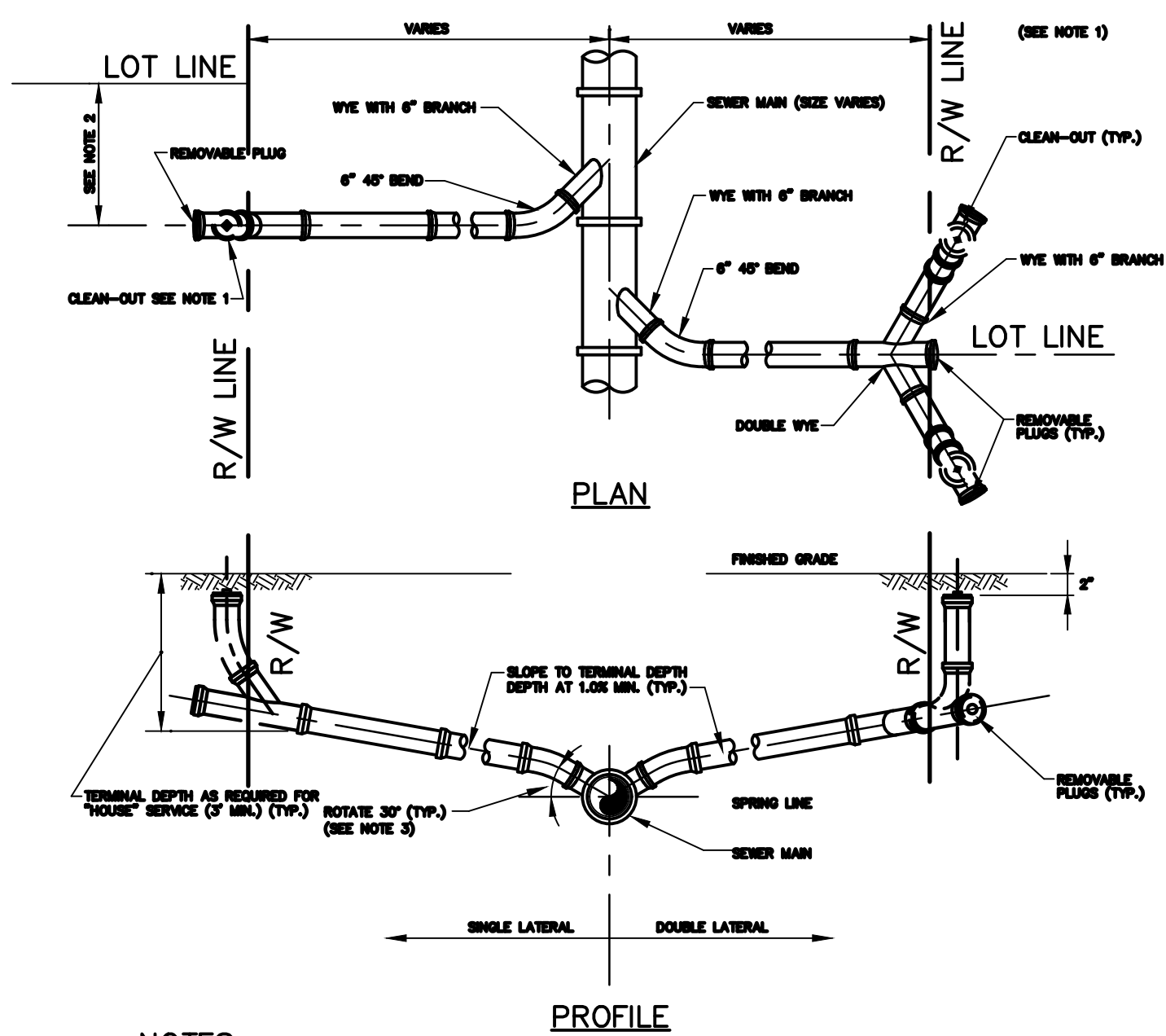
REFERENCE NO.
1163DD1

PROJECT NO.
2021.163

DRAWING NO.
1163

SHEET NO.
11 OF 15

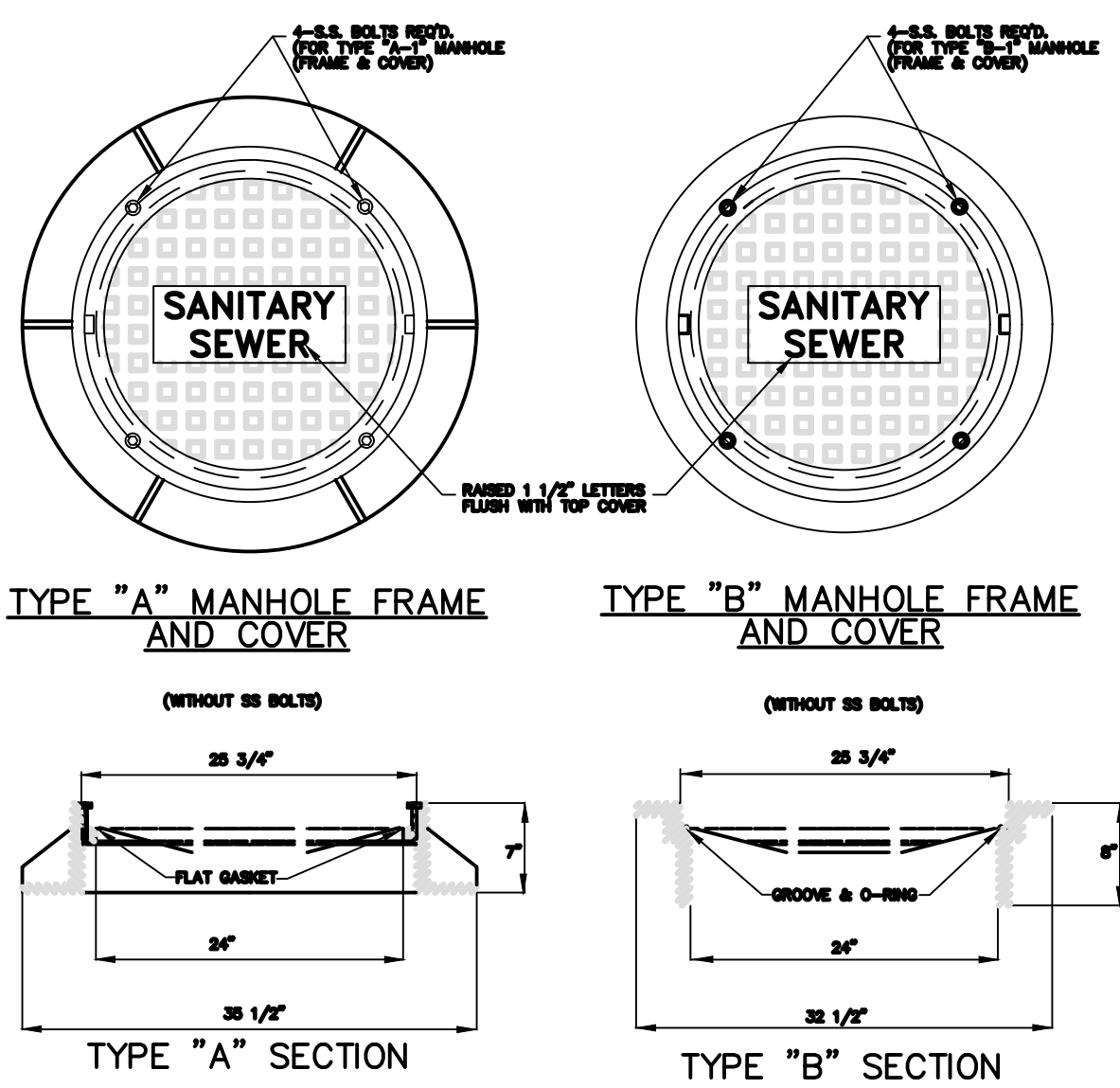
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NOTES:

- CLEAN-OUT (SHOWN DASHED) SHALL BE INSTALLED BY THE UTILITY CONTRACTOR IN ACCORDANCE WITH STANDARD PLUMBING CODE.
- DOUBLE LATERAL SHALL BE INSTALLED AS CLOSE TO LOT LINE AS POSSIBLE, IF POSSIBLE.
- DOUBLE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
- DOUBLE LATERAL TO BE USED ONLY WHEN BOTH BUILDING SLAB ELEVATIONS ARE WITHIN 0.33 FEET (4 INCHES).

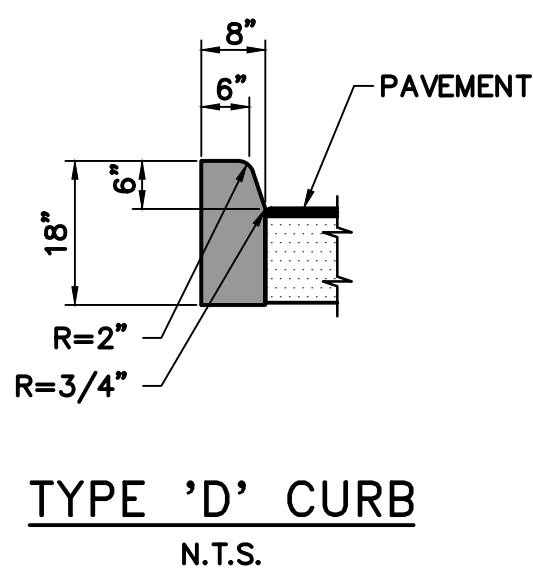
TYPICAL SERVICE LATERAL DETAIL
N.T.S.



NOTES:

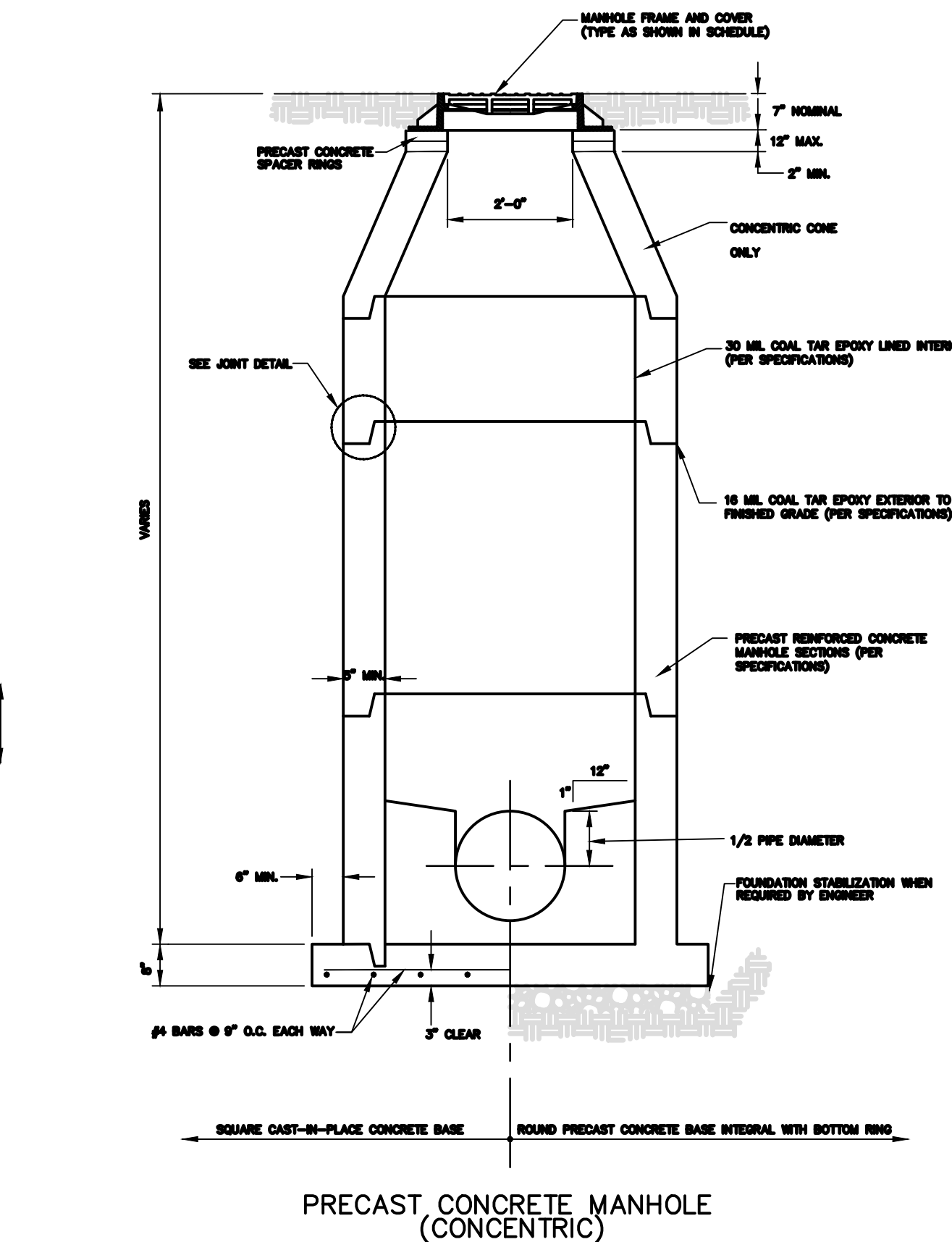
- TYPE "A" - 24" x 24" BOLTED WATER-TIGHT RING AND COVER US FOUNDRY NO. 227-AS-BWT (TYPE "A") & NO. 1285-AS-BWT (TYPE "B") OR APPROVED EQUAL.
- TYPE "A" & "B" NON-BOLTED WATER-TIGHT RING & COVER US FOUNDRY NO. 227-AS-DBS (TYPE "A") & NO. 1285-AS-DBS (TYPE "B") OR APPROVED EQUAL.
- MANHOLE COVERS ARE TO BE LABELED AS SHOWN ABOVE.

MANHOLE FRAME & COVER
N.T.S.

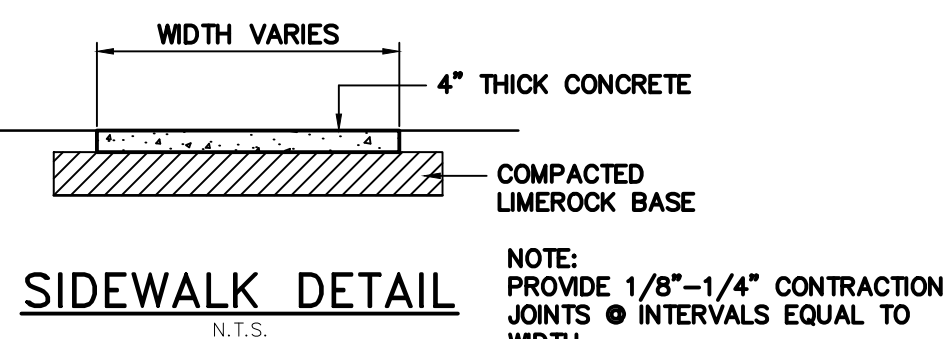


TYPE 'D' CURB
N.T.S.

THICKENED EDGE
CONCRETE SIDEWALK
N.T.S.

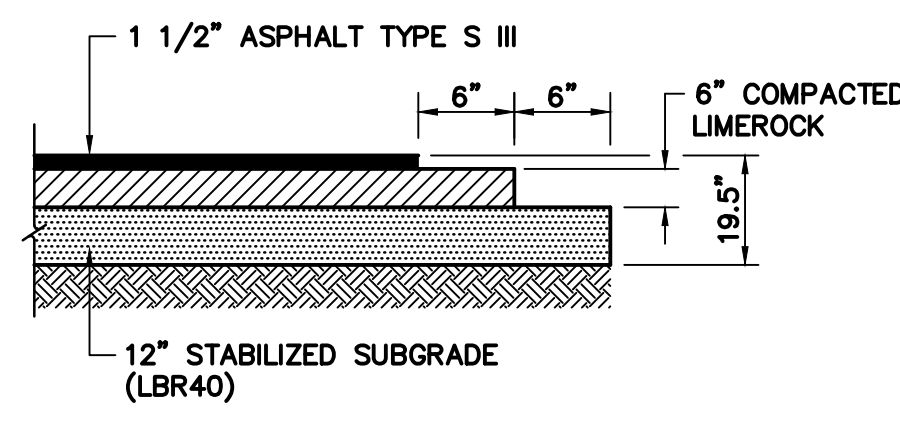


PRECAST CONCRETE MANHOLE
(CONCENTRIC)

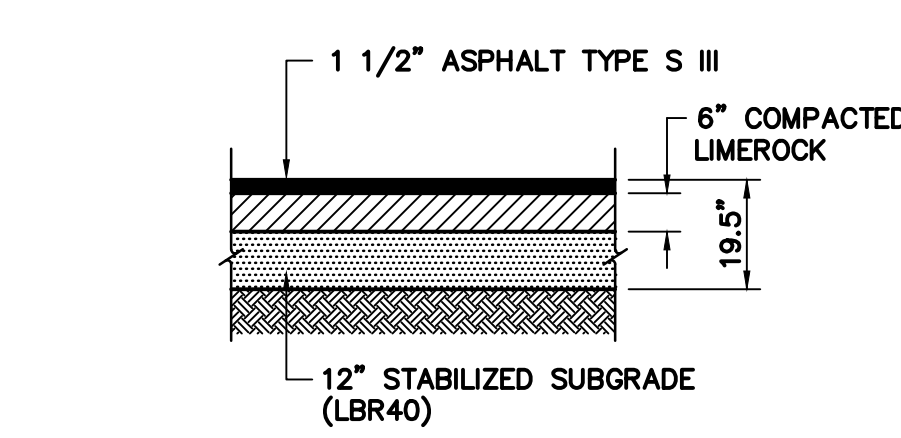


SIDEWALK DETAIL
N.T.S.

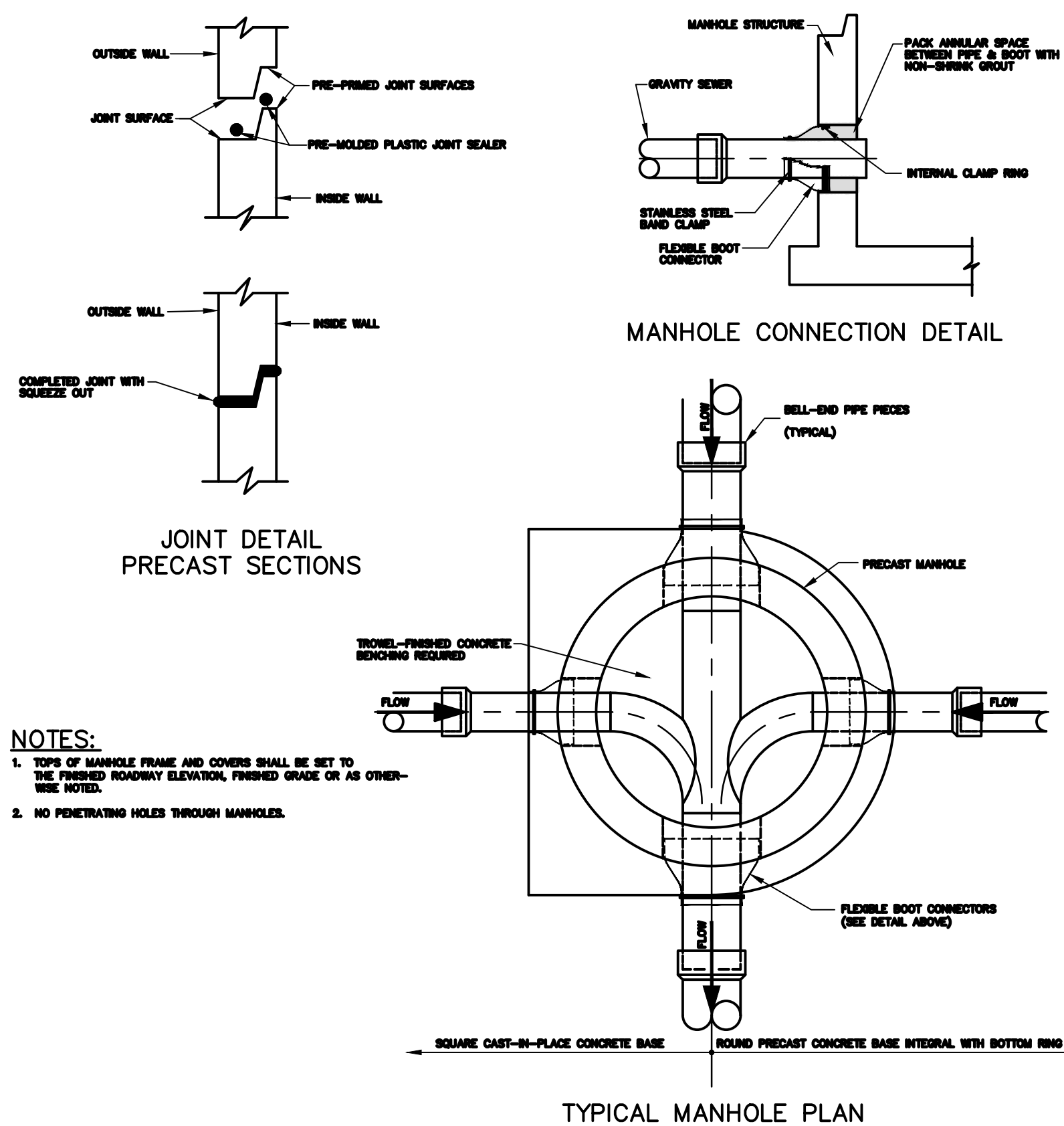
STANDARD MANHOLE DETAIL (TYPE I)
N.T.S.



TYPICAL PARKING AREA
PAVEMENT EDGE SECTION
N.T.S.



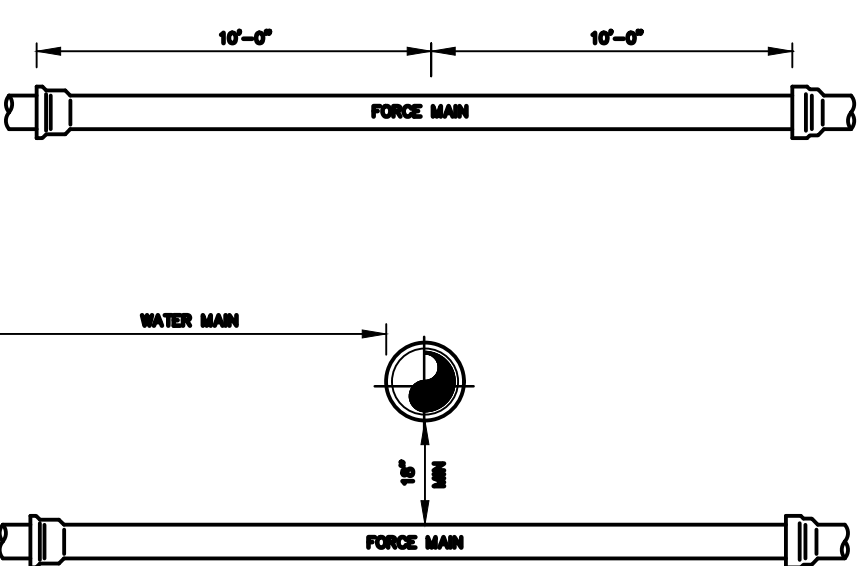
TYPICAL PAVEMENT SECTION
N.T.S.



NOTES:

- TOPS OF MANHOLE FRAME AND COVERS SHALL BE SET TO THE FINISHED ROADWAY ELEVATION, FINISHED GRADE OR AS OTHERWISE NOTED.
- NO PENETRATING HOLES THROUGH MANHOLES.

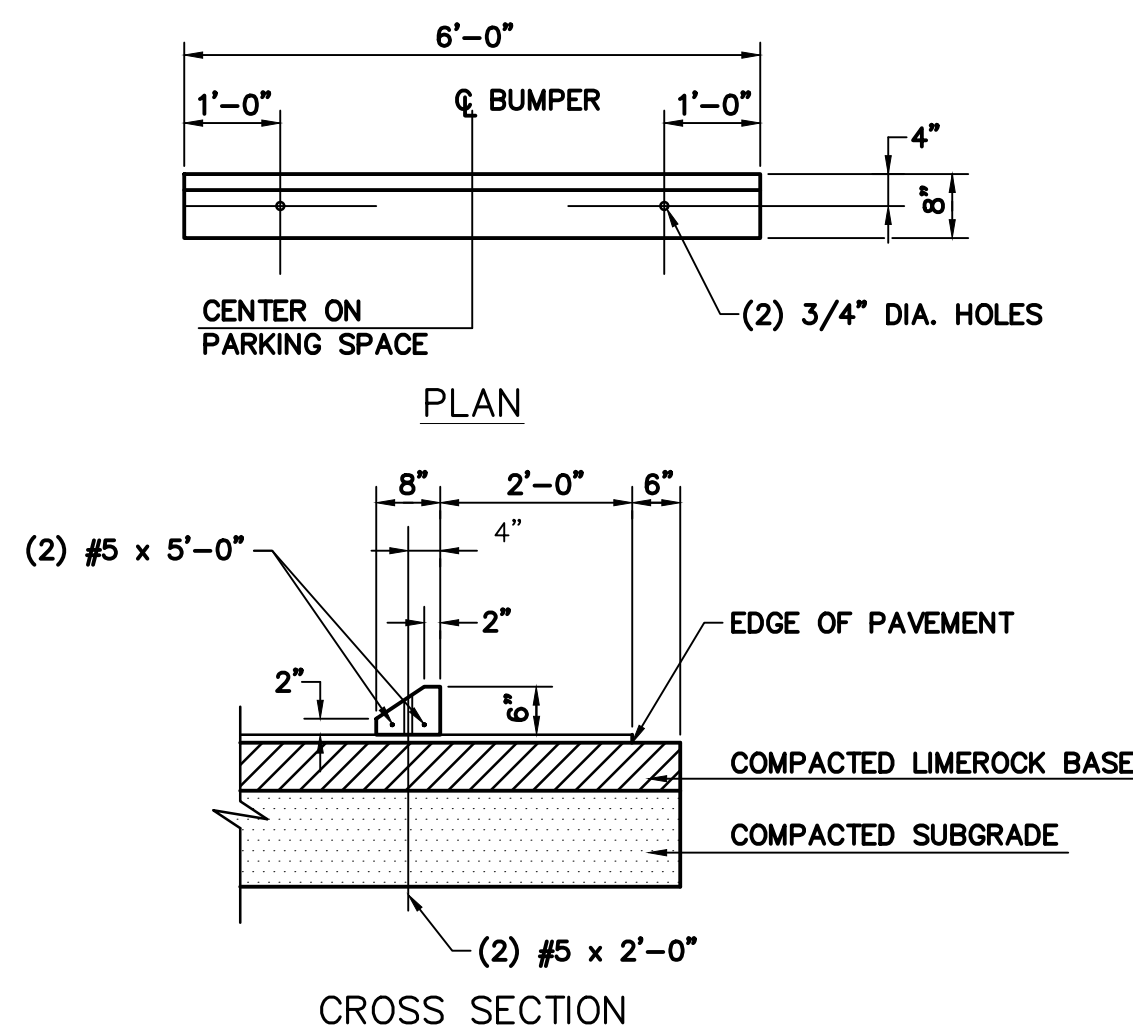
TYPICAL MANHOLE PLAN



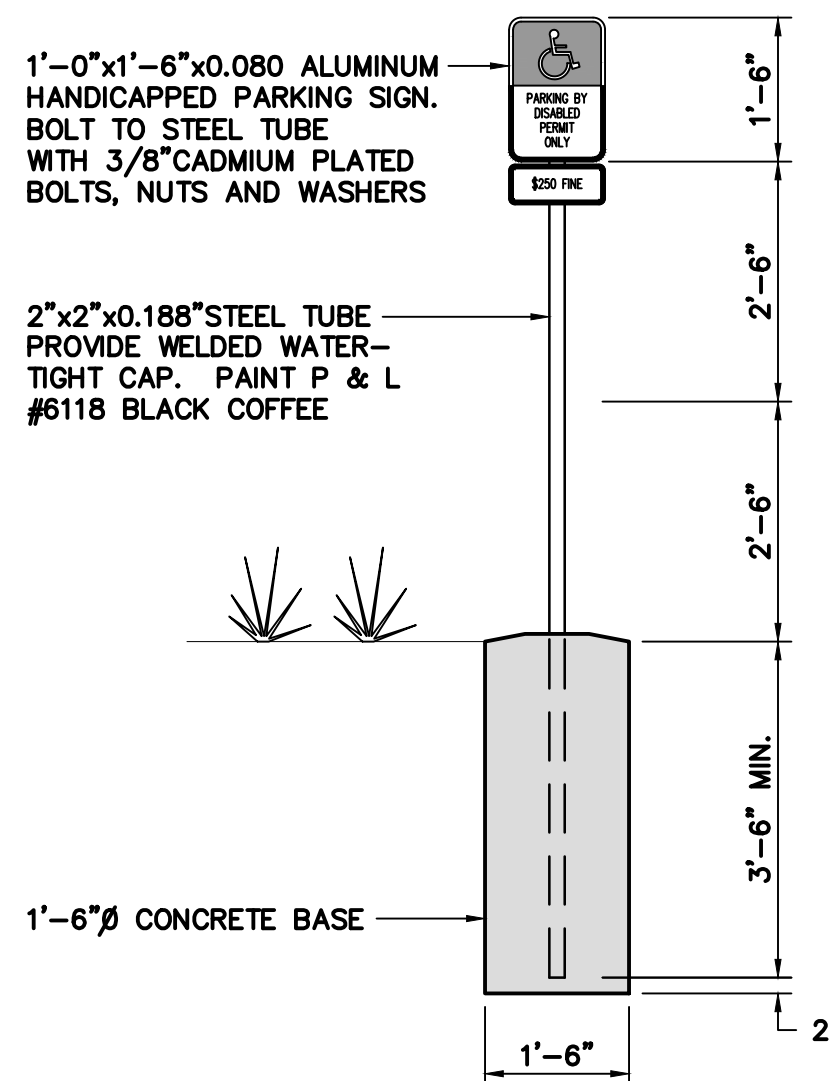
TYP. FORCE MAIN & WATER MAIN CROSSING

HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS									
PROPOSED UTILITY	POTABLE OR RAW WATER		RECLAIMED WATER *		SANITARY SEWER (GRAVITY & F.M.)		STORM SEWER		ACCEPTABLE VARIANCES
	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	
POTABLE OR RAW WATER	-	-	5' C/C 3' O/O	18"	10' O/O	18"	10' O/O	18"	SEE GENERAL NOTES: NO.4
RECLAIMED WATER *	5' C/C 3' O/O	18"	-	-	5' C/C 3' O/O	18"	-	-	
SANITARY SEWER	10' O/O	18"	5' C/C 3' O/O	18"	-	-	-	-	

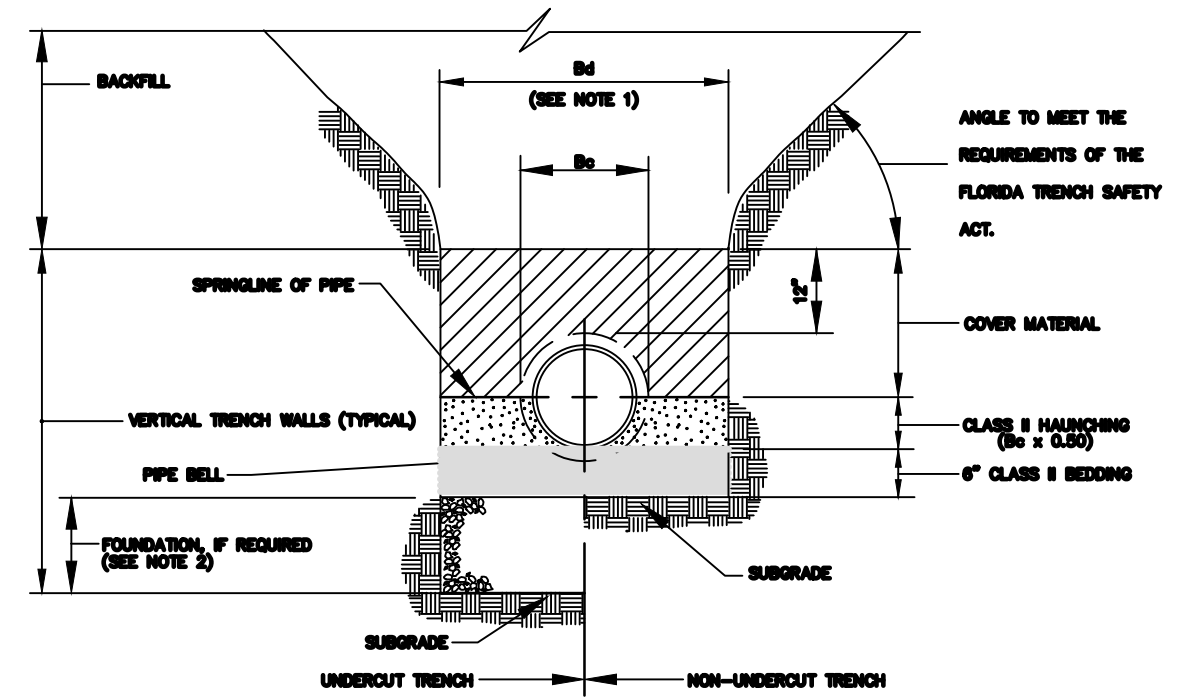
UTILITY SEPARATION DETAIL
N.T.S.



PARKING BUMPER DETAIL



HANDICAPPED PARKING SIGN
SCALE: 3/8" = 1'-0"



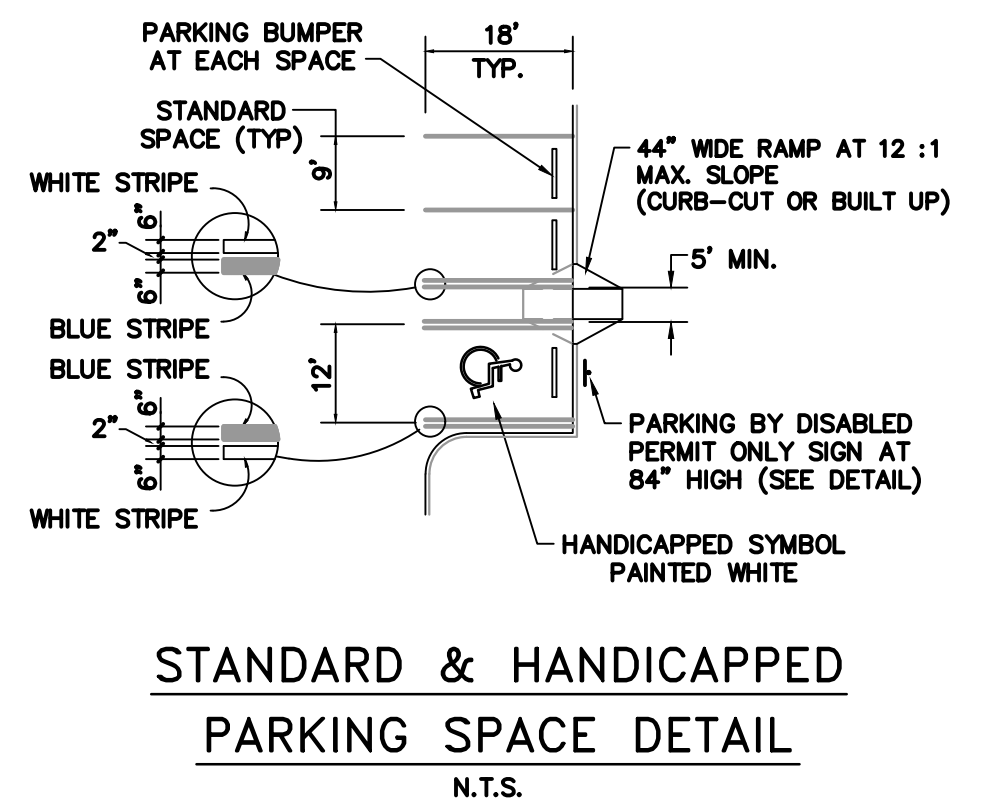
NOTES:

- DIMENSION D₀ = PIPE O.D. DIMENSION D₁ = TRENCH WIDTH AT TOP OF PIPE DIMENSION D₂ = MINIMUM DIMENSION OF BELL + 12" (SHOULDER TRENCH) DIMENSION D₃ = MINIMUM DIMENSION OF BELL + 12" (SHOULDER TRENCH)
- REMOVE UNDESIRABLE OR UNSTABLE MATERIAL, AS DETERMINED BY FLORIDA WATER SERVICES, ENCOUNTERED FROM THE TRENCH BOTTOM, AS REQUIRED TO PRODUCE A SUFFICIENT FOUNDATION.
- FURNISH, PLACE AND COMPACT BEDDING, HANDCHING, COVER MATERIAL AND BACKFILL AS SPECIFIED.
- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF MAXIMUM DENSITY AS PER ASTM T-150.
- TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF MAXIMUM DENSITY AS PER ASTM T-150.
- USE OF CLASS 1 BEDDING TO BE DETERMINED IN FIELD BY FLORIDA WATER SERVICES.

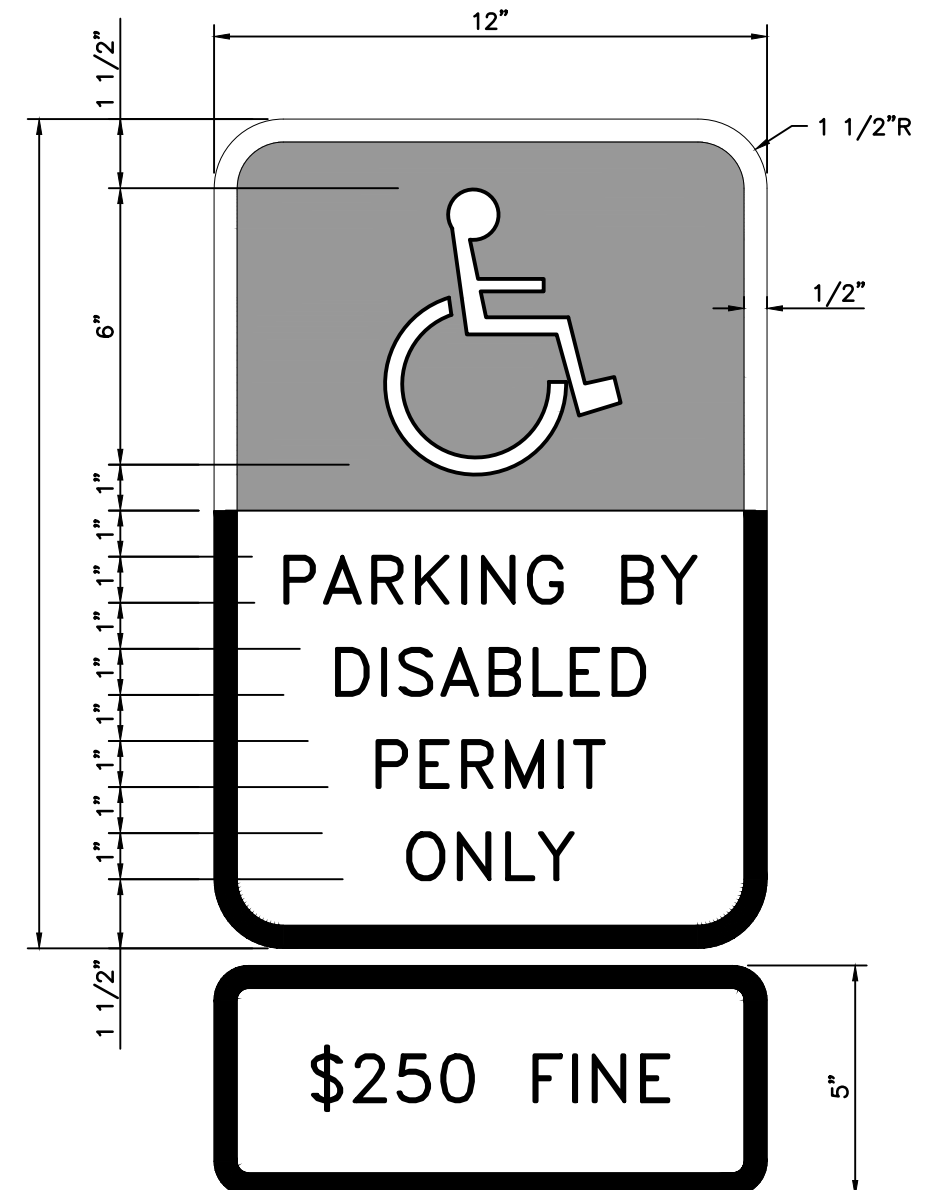
PIPE BEDDING & TRENCHING DETAIL
N.T.S.

ON SITE

NOTE: CITY WILL NOT PERMIT OPEN CUTTING OF PAVEMENT WITHIN R/W



STANDARD & HANDICAPPED
PARKING SPACE DETAIL
N.T.S.



- TOP PORTION OF FTP 25 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.
- BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.

DISABLED PERMIT SIGN
N.T.S.

LETTER	REVISIONS	DATE

DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE N/A

SANITARY AND PAVING DETAILS

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	DATE

REFERENCE NO. 1163SD1	DRAWING NO. 1163
PROJECT NO. 2021.163	SHEET NO. 12 OF 15

SPECIFICATION NOTES

- (1) 6" plain end inlet/outlet
- (2) Dual 4" pumpout port connections
- (3) Unit weight: 236 lbs. For wet weight, add 2,310 lbs. For traffic-rated cover(s), add 90 lbs per cover. For pedestrian cover(s), add 7 lbs per cover.
- (4) Maximum operating temperature: 150° F continuous
- (5) Liquid Capacity: 277 gal
Grease Capacity (100 GPM): 1,895 lbs (260 gal)
Grease Capacity (150 GPM): 1,848 lbs (253 gal)
Solids Capacity: 69 gal
- (6) Factory Rating:
Grease Capacity (250 GPM): 500 lbs (68 gal)
- (7) For gravity drainage applications only
- (8) Do not use for pressure applications
- (9) Cover placement allows full access to tank for proper maintenance
- (10) Vent not required unless per local code
- (11) Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping
- (12) Integral air relief / Anti-siphon / Sampling access
- (13) Cover adapters provide an adjustable height range of 5"
- (14) Designed for below-grade, above-grade, indoor or outdoor installations
- (15) Safety Star® (450 lbs load capacity) is an access restrictor built into each cover adapter to prevent accidental entry into tanks

CERTIFIED PERFORMANCE

Great Basin® hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

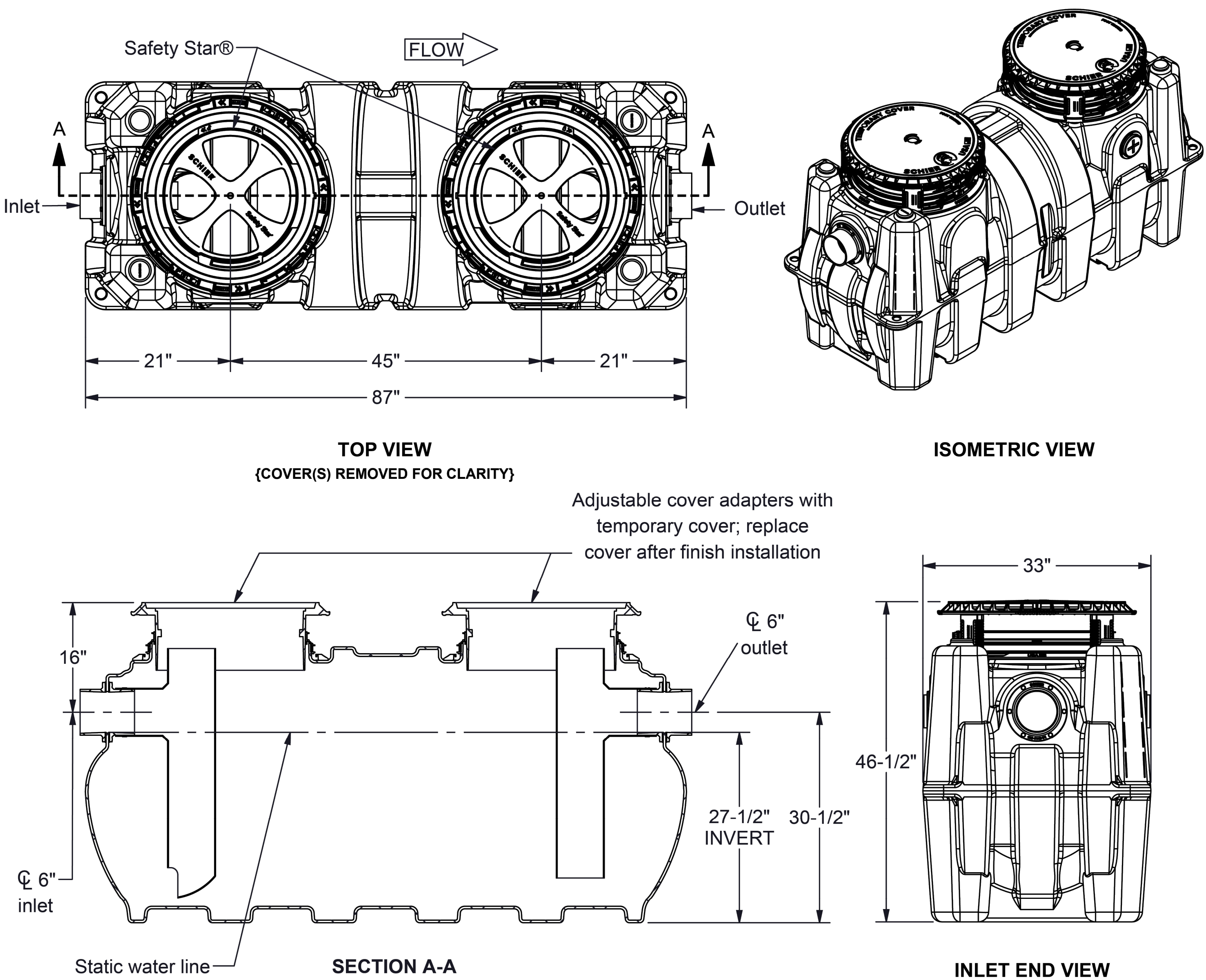
ENGINEER SPECIFICATION GUIDE

Schier Great Basin® grease interceptor model GB-250 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter, and Safety Star® access restrictor built into each cover adapter. This unit is certified for hydromechanical performance to ASME A112.14.3 (Type D) and CSA B481.1. Interceptor flow rate shall be 100 GPM or 150 GPM. Interceptor grease capacity shall be 1,895 lbs @100 GPM or 1,848 lbs @150 GPM.

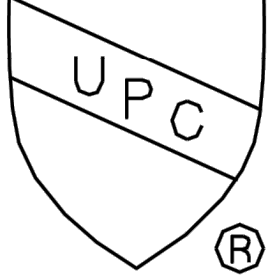
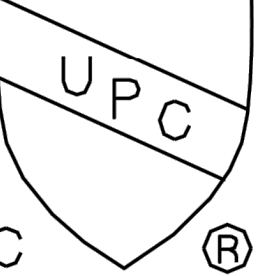
COVERS SOLD SEPARATELY

This unit is provided with temporary cover(s) intended for the duration of jobsite installation. Purchase one of the following finish covers.

- T24-GI (8044-000-01): Traffic-rated cast (AASHTO H-20) iron cover shall provide water/gas-tight seal and have a minimum of 16,000 lbs load capacity. For outdoor installation.
- P24-GI (8045-000-01): Pedestrian-rated poly cover shall provide water/gas-tight seal and have a minimum of 2,000 lbs load capacity. For indoor installation.



SPECIFICATION SHEET

SCHIER® 6455 Woodland Dr Shawnee, KS 66218 tel: 913-951-3300 fax: 913-951-3399 schierproducts.com Made in the U.S.A.	MODEL NUMBER	GB-250			
	PART NUMBER	4055-301-02			
	DESCRIPTION	GB-250 GREASE INTERCEPTOR 100 GPM / 150 GPM, 6" PLAIN END INLET/OUT W/ PUMPOUT PORT CONNECTIONS			
	DRAWN BY	G.HEIDE			
	DATE	2/25/2026	REV	A	ECO 00171
		  PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHIER PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHIER PRODUCTS IS PROHIBITED.			

Q:\E\A\B\HMA\INDATA-NP\2021\163\DW\Converted\1163SD1.dwg Tab: Layout2 Jun 11, 2026 - 4:53pm Plotted by: Cassidy Crawford

LETTER	REVISIONS	DATE



DESIGNED BY	DATE
K.M.D.	12/23
DRAWN BY	DATE
S.P.C.	12/23
CHECKED BY	DATE
K.M.D.	12/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	N/A

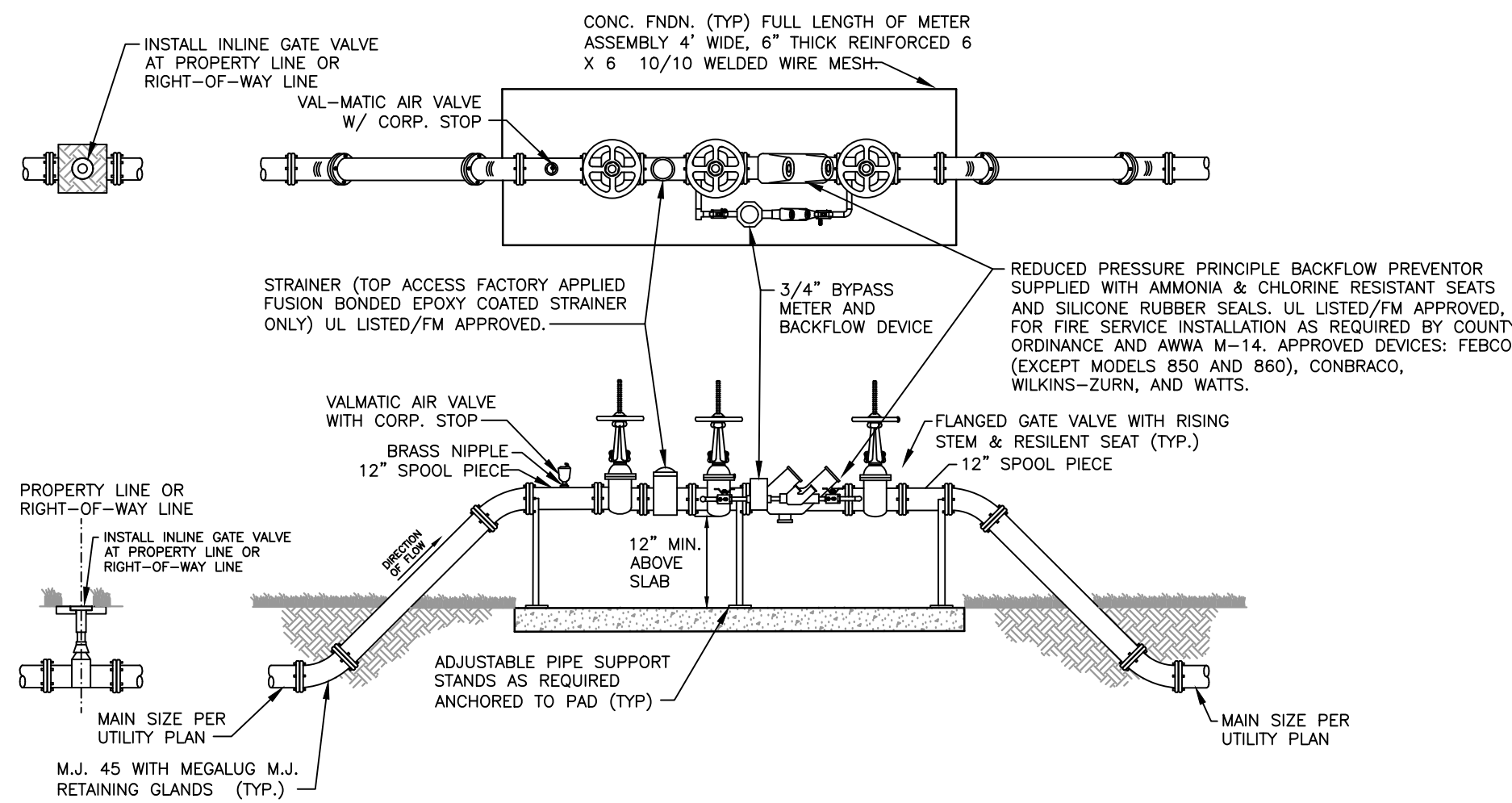


950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

SANITARY AND PAVING DETAILS

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW: DATE _____	REFERENCE NO.	DRAWING NO.
	1163SD1	1163
	PROJECT NO.	SHEET NO.
	2021.163	12A of 15

Q:\E:\NABP\HMA\INDATA-NP\2021\163\DWG\Converted\1163WD1.dwg Tab: Layout1 Jun 11, 2026 - 4:54pm Plotted by: cossidy.crowford



NOTES:

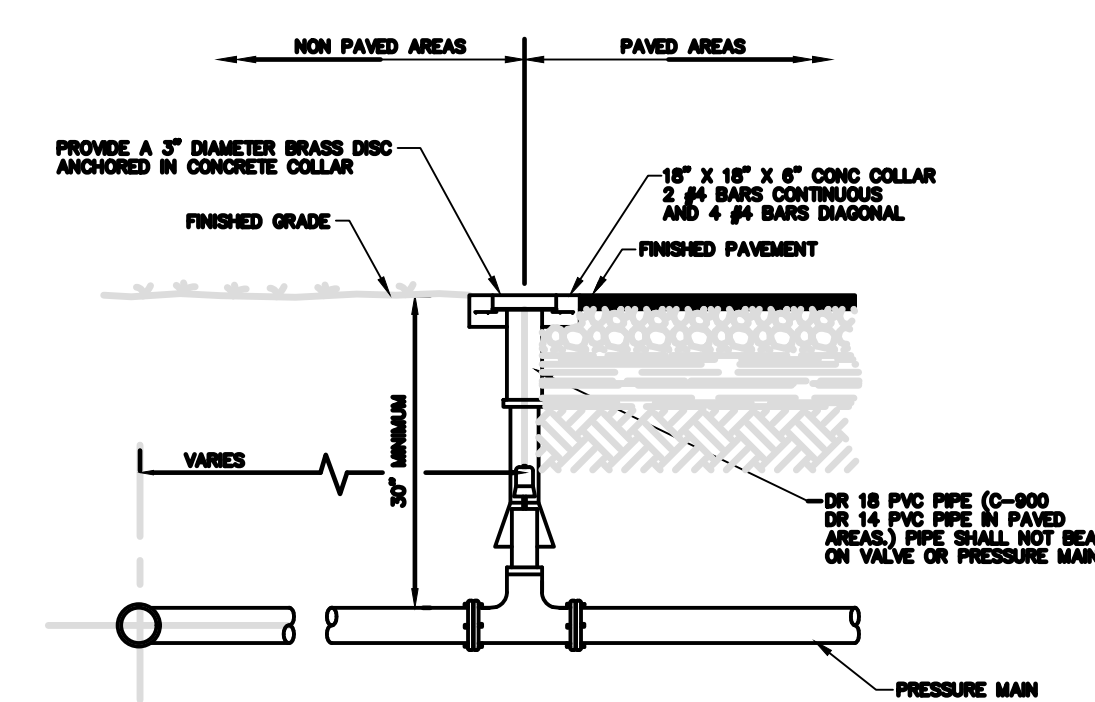
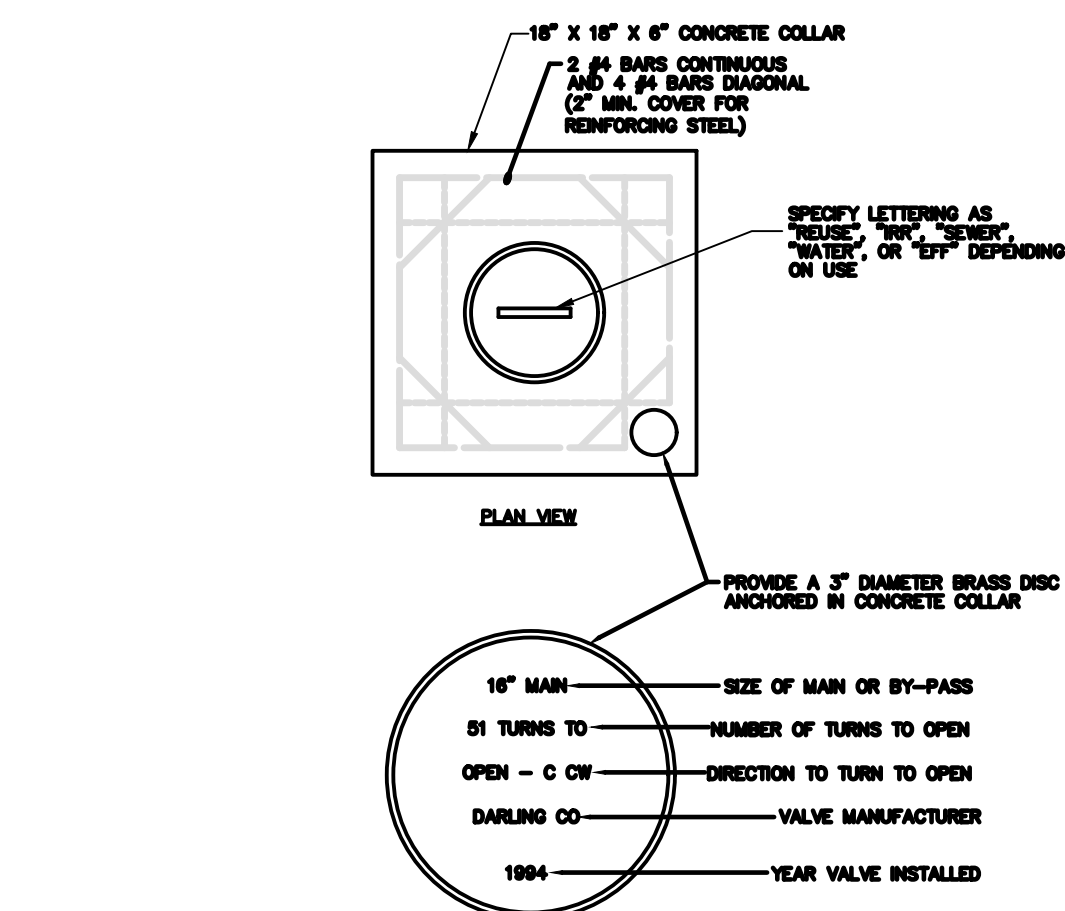
1. ALL ABOVE GROUND PIPE WILL HAVE FLANGED END D.I.P. CLASS 51, ALL NUTS & BOLTS SHALL BE STAINLESS STEEL.
2. (4) VEHICULAR GUARD POSTS TO BE INSTALLED AROUND METER, CONFIGURATION TO BE ILLUSTRATED ON CONSTRUCTION DOCUMENTS SUBMITTED FOR REVIEW AND APPROVAL.
3. CONNECTIONS REFER TO ANY OUTLET PERMITTING ACCESS TO INTERNAL FIRE SYSTEM (HYDRANTS, ETC.).
4. AS THIS UNIT WILL REQUIRE PERIODIC TESTING, FACILITIES REQUIRING CONTINUOUS WATER SERVICE MAY WISH TO INSTALL PARALLEL UNITS TO PREVENT SERVICE INTERRUPTIONS.
5. ASSEMBLY WILL BE OWNED & MAINTAINED BY PROPERTY OWNER, STARTING FROM THE FIRST ISOLATION VALVE PRIOR TO ASSEMBLY.
6. COUNTY WILL REQUIRE DEDICATION OF MATERIAL UP TO AND PRIOR TO VALVE ON THE ASSEMBLY FROM THE COUNTY'S WATER MAIN.
7. BACKFLOW DEVICE REQUIRES INITIAL CERTIFICATION BY AN APPROVED CERTIFIED TESTER WITH RESULTS AND ANNUAL TEST RESULTS SUBMITTED TO THE COUNTY WATER DEPARTMENT.
8. ALL PLANTING SHALL BE A MINIMUM OF 3' FROM THE EDGE OF SLAB, AND PROVIDE A 3' ACCESS OPENING.
9. THIS ASSEMBLY SHALL BE PAINTED WITH RED EPOXY PAINT.
10. ALL COMPONENTS THAT COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NSF STANDARD 61.

W-11

REVISED: 4/12/04

FIRE SYSTEM DETECTOR CHECK ASSEMBLY DETAIL
WITH NO CONNECTIONS PERMITTED DOWNSTREAM (4" & OVER)
ALTERNATE A

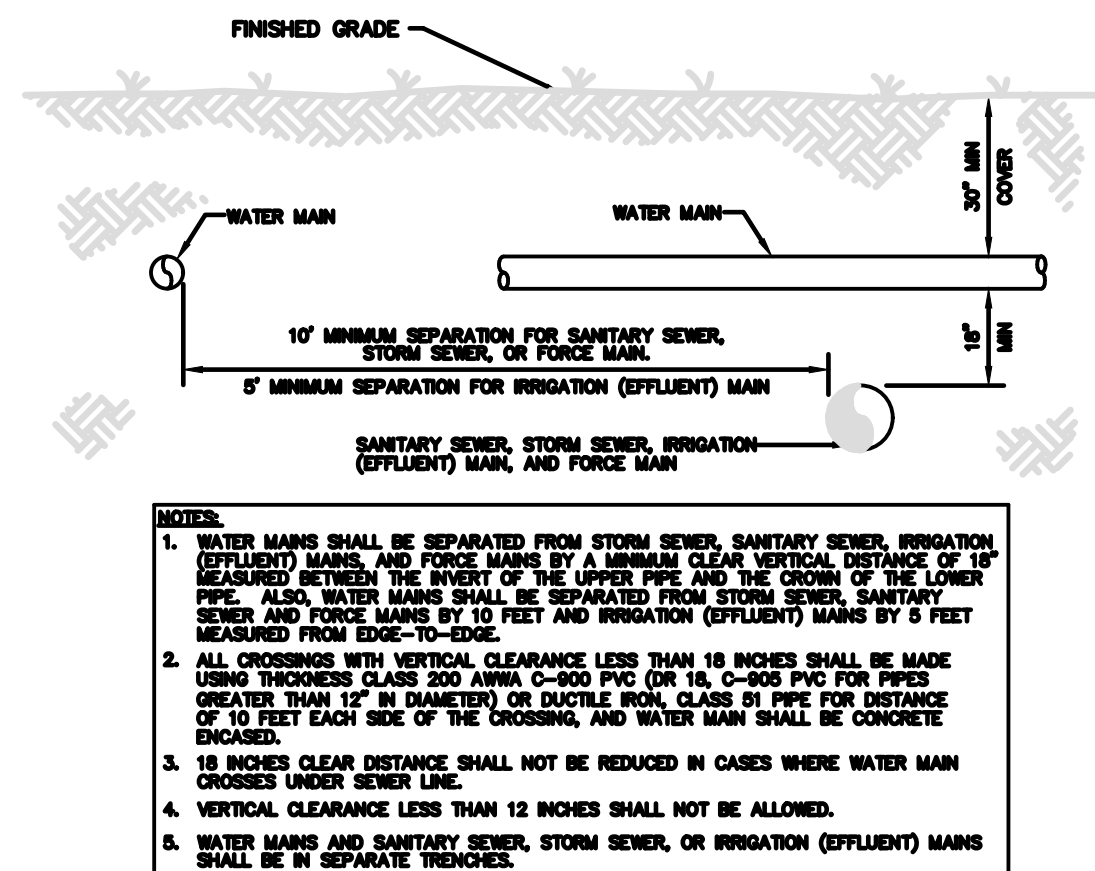
N.T.S.



TYPICAL VALVE SETTING DETAIL

N.T.S.

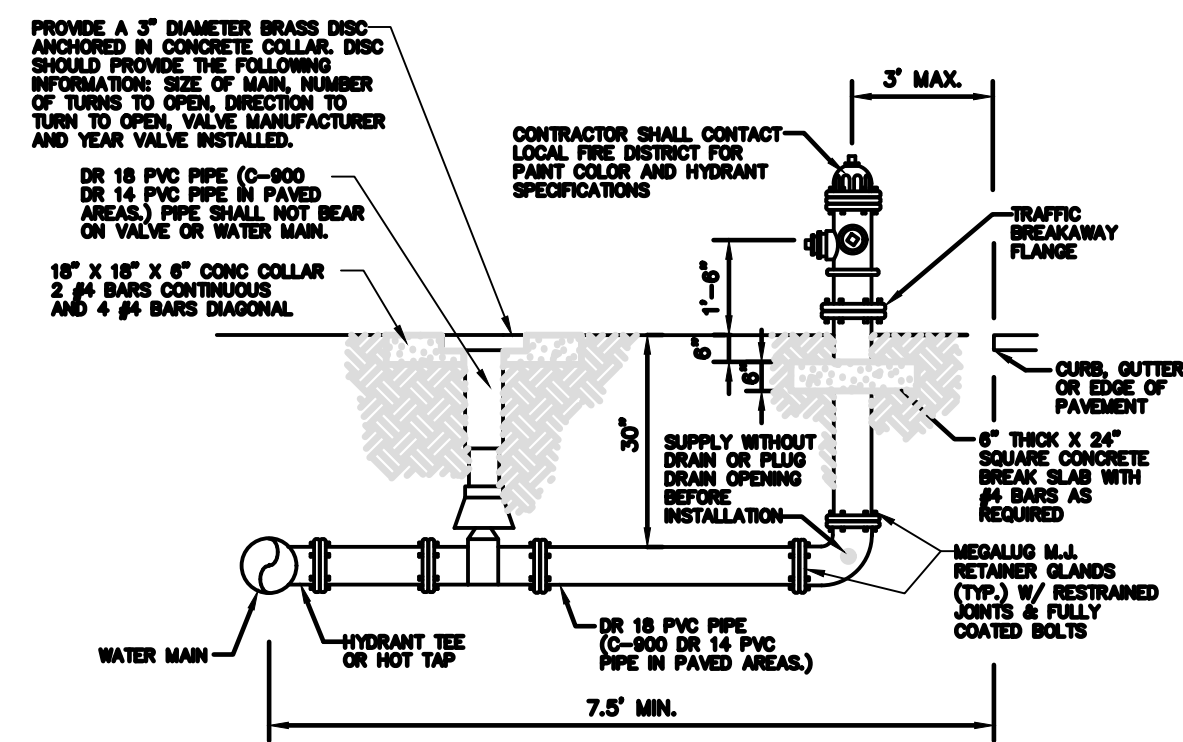
M-7
REVISED: 03/23/00



CROSSOVER DETAIL

N.T.S.

M-3
REVISED: 03/23/00



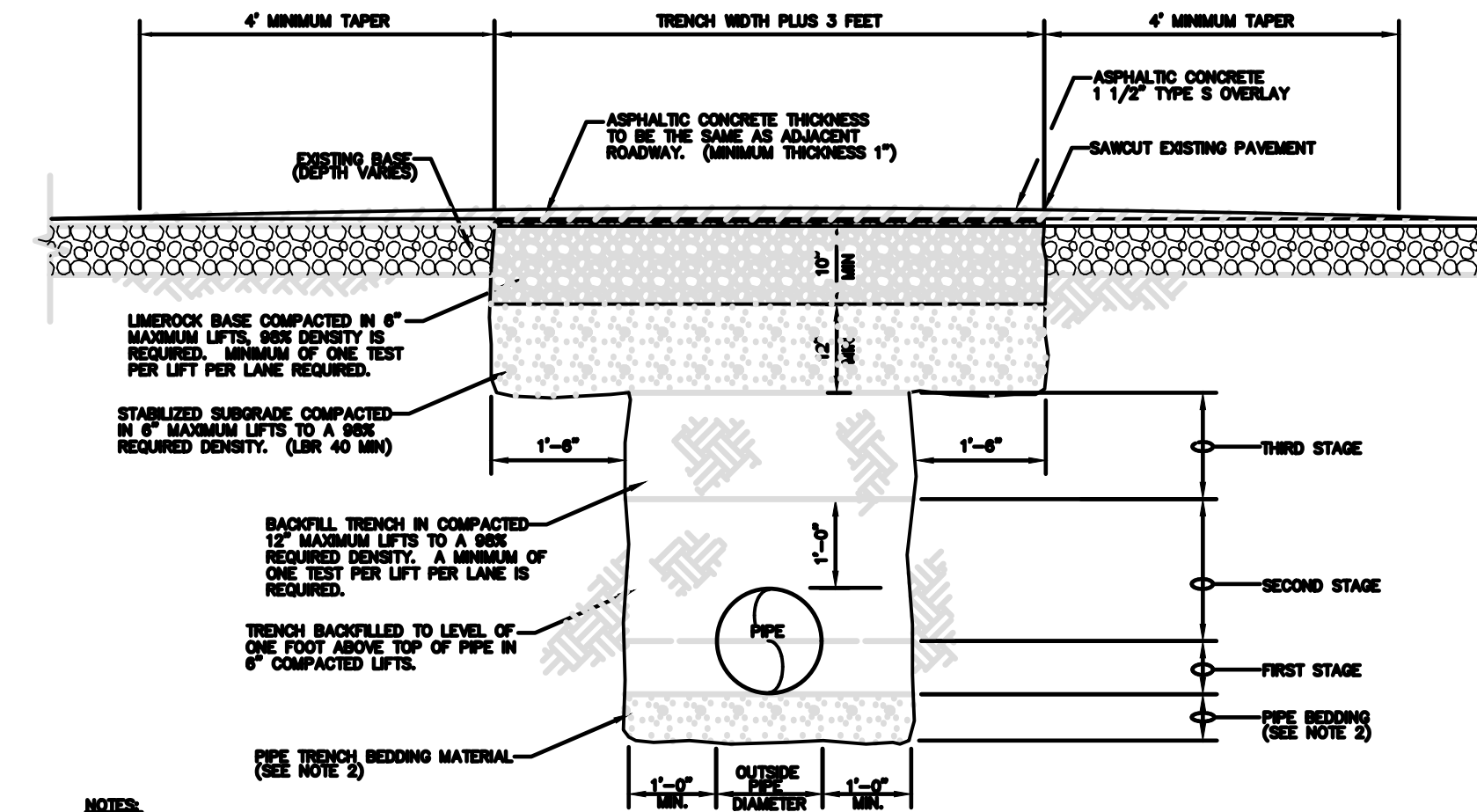
NOTES:

1. HYDRANT MUST BE CURRENT YEAR MANUFACTURE AND YEAR OF MANUFACTURE MUST BE CAST ON BARREL.
2. ALL EXISTING MAINS WHERE FIRE HYDRANTS ARE TO BE INSTALLED SHALL BE NOT TAPPED.
3. 6\"/>
4. ALL FIRE HYDRANT BARRELS SHALL BE 8-1/4\"/>
5. ALL FIRE HYDRANTS INSTALLED SHALL BE OF THE BREAK AWAY FLANGE TYPE AND MEET THE REQUIREMENTS OF THE LOCAL FIRE CONTROL DISTRICT.
6. HYDRANT SHALL CONFORM WITH ANMA C-303.

FIRE HYDRANT DETAIL

N.T.S.

W-3
REVISED: 7/5/00
REVISED: 11/26/01



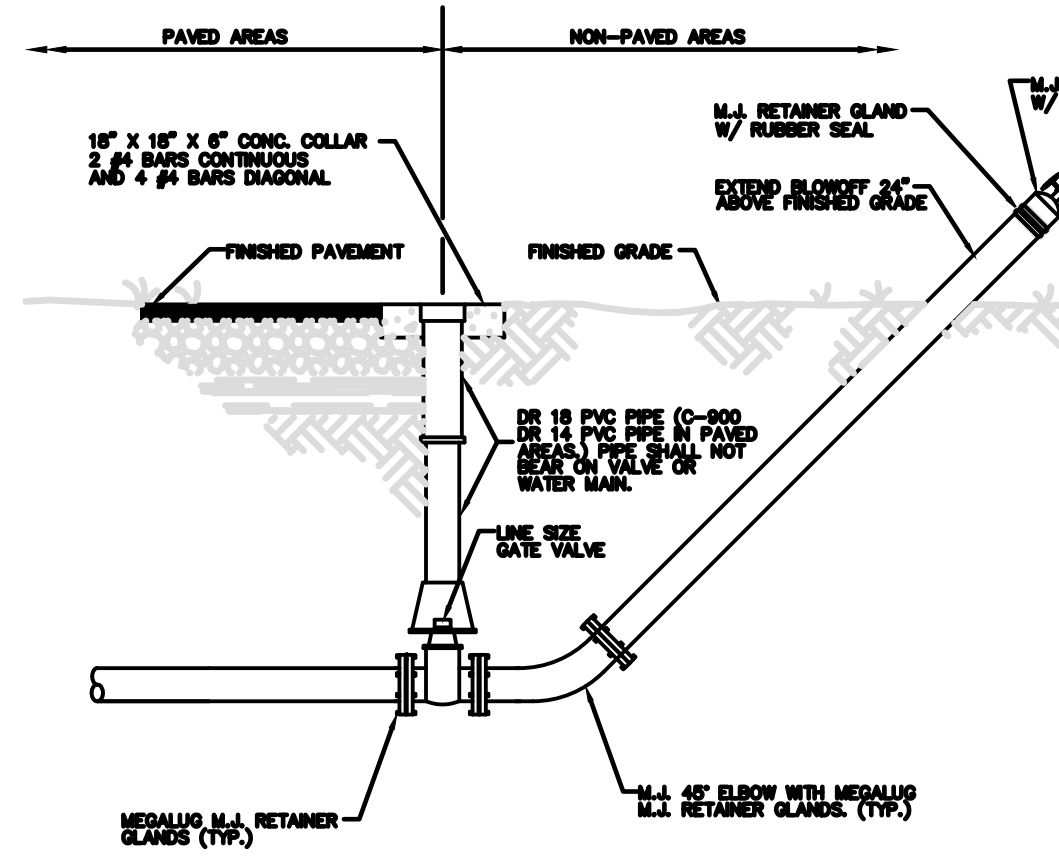
M-2
REVISED: 04/26/00

NOTES:

1. BACKFILL SHALL BE OF SUITABLE MATERIAL REMOVED FROM EXCAVATION EXCEPT WHERE OTHER MATERIAL IS SPECIFIED. BACKFILL MATERIAL SHALL CONSIST OF EARTH, LOAM, SANDY CLAY, GRAVEL, CRUSHED Limestone, OR OTHER APPROVED MATERIAL.
2. IF TRENCH BOTTOM CONTAINS ROCK, THEN A MINIMUM OF A 4\"/>
3. R.O.W. PERMIT STIPULATIONS OVERRIDE THIS DETAIL WHERE TRENCH IS LOCATED WITHIN A COUNTY R.O.W.

PAVED AREA TRENCH RESTORATION DETAIL

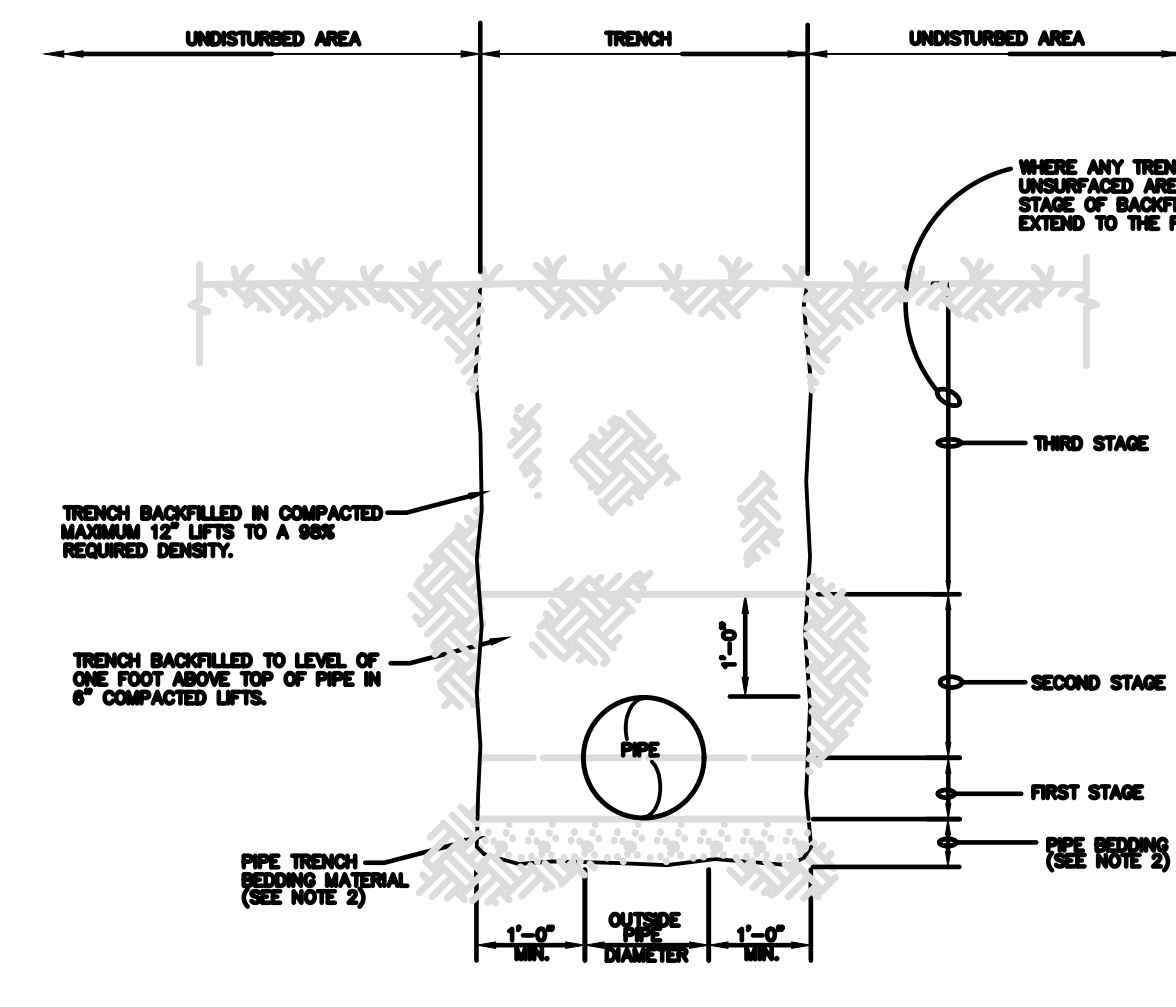
N.T.S.



TEMPORARY BLOWOFF ASSEMBLY
W/ BACTERIAL SAMPLE POINT DETAIL

N.T.S.

W-1
REVISED: 07/03/00



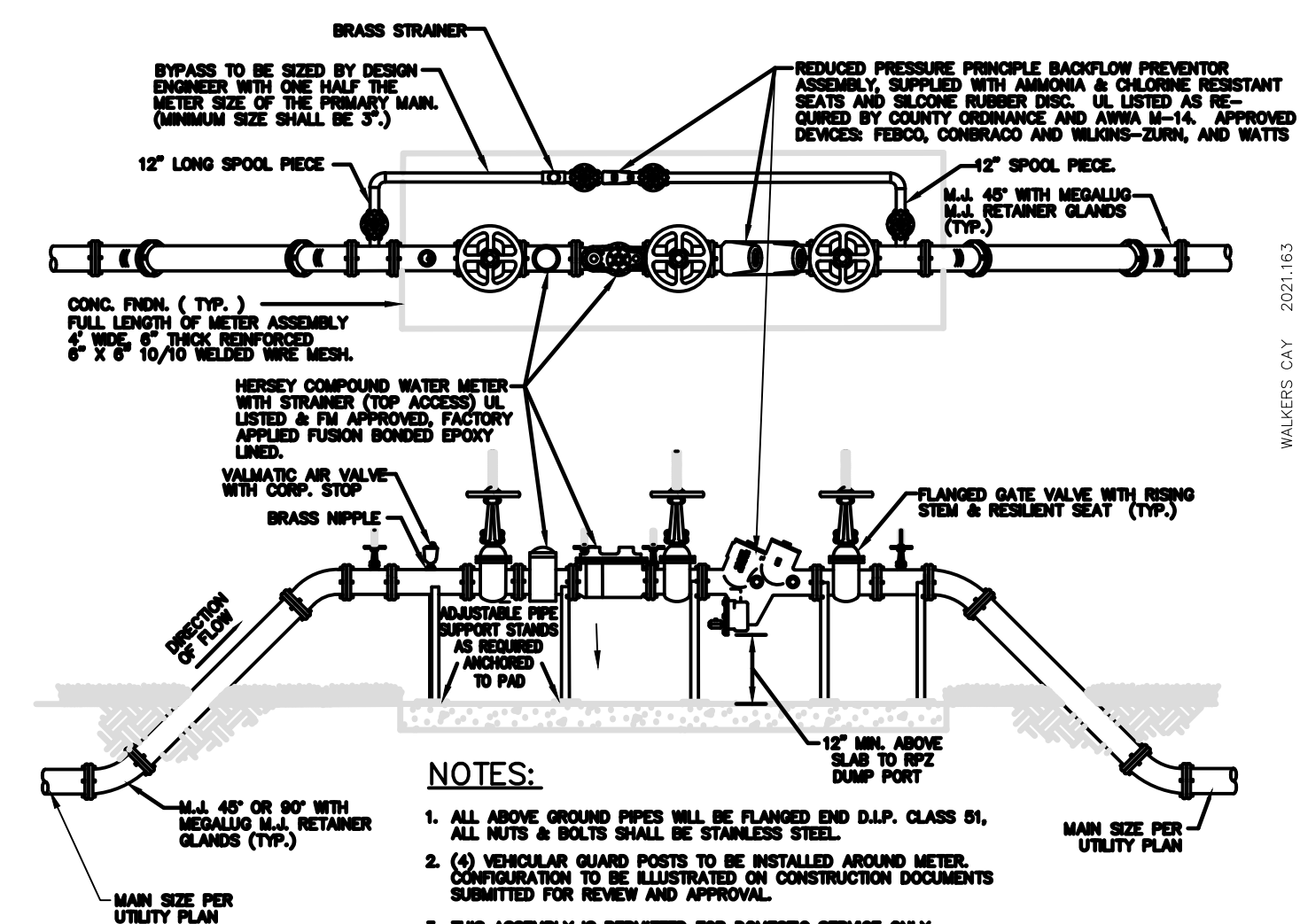
NOTES:

1. BACKFILL SHALL BE OF SUITABLE MATERIAL REMOVED FROM EXCAVATION EXCEPT WHERE OTHER MATERIAL IS SPECIFIED. BACKFILL MATERIAL SHALL CONSIST OF EARTH, LOAM, SANDY CLAY, GRAVEL, CRUSHED Limestone, OR OTHER APPROVED MATERIAL.
2. IF TRENCH BOTTOM CONTAINS ROCK, THEN A MINIMUM OF A 4\"/>

UNPAVED AREA TRENCH
BACKFILL DETAIL

N.T.S.

M-1
REVISED: 03/23/00



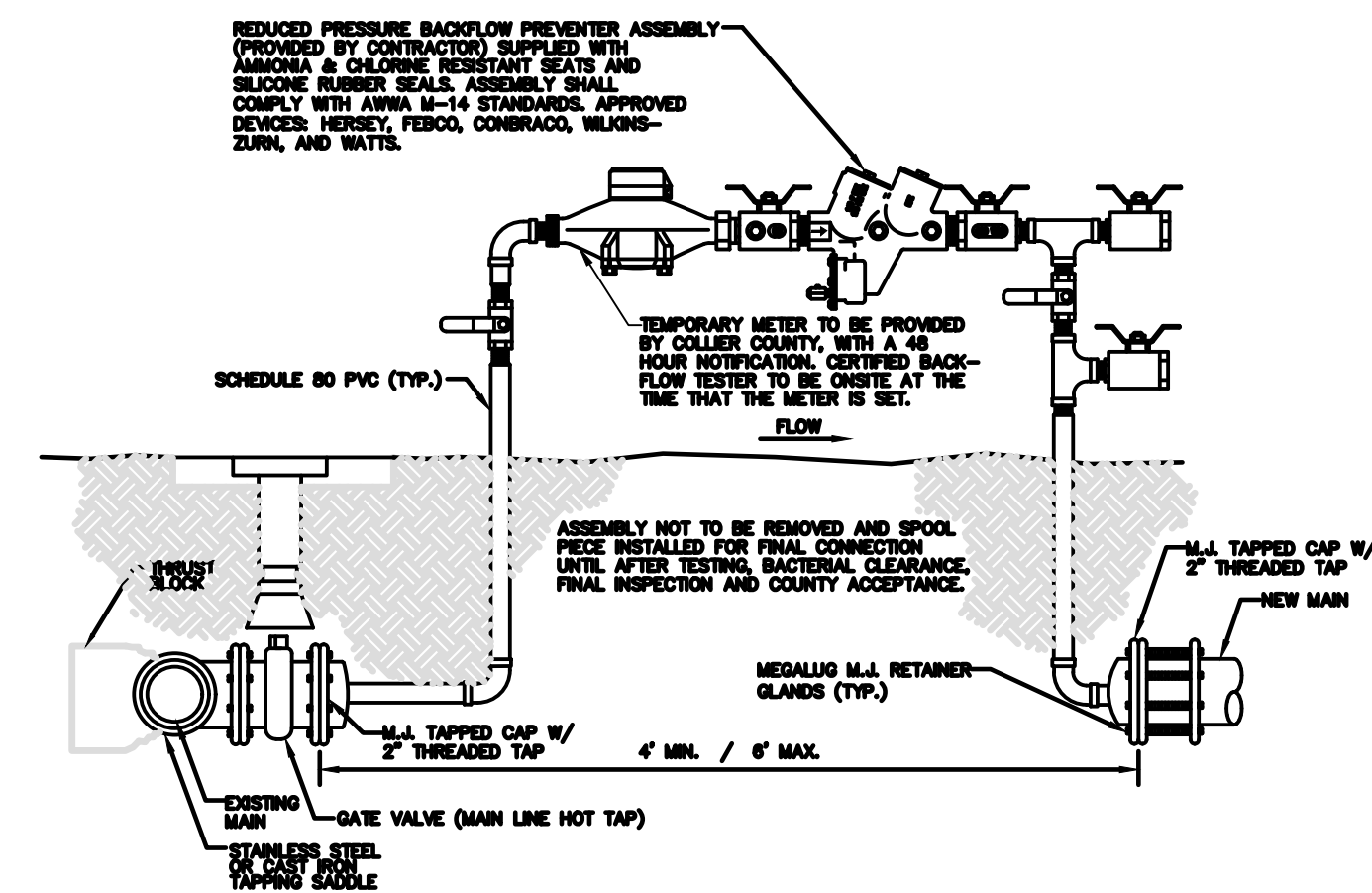
NOTES:

1. ALL ABOVE GROUND PIPES WILL BE FLANGED END D.I.P. CLASS 51, ALL NUTS & BOLTS SHALL BE STAINLESS STEEL.
2. (4) VEHICULAR GUARD POSTS TO BE INSTALLED AROUND METER, CONFIGURATION TO BE ILLUSTRATED ON CONSTRUCTION DOCUMENTS SUBMITTED FOR REVIEW AND APPROVAL.
3. THIS ASSEMBLY IS PERMITTED FOR DOMESTIC SERVICE ONLY.
4. AS THIS UNIT WILL REQUIRE PERIODIC TESTING, YOU MAY WISH TO INSTALL A FULL SIZE BYPASS TO PREVENT A REDUCTION IN YOUR POSSIBLE FLOW.
5. BACKFLOW UNITS REQUIRE INITIAL CERTIFICATION BY CERTIFIED BACKFLOW TESTER AND TEST RESULTS SUBMITTED TO THE COUNTY WATER DEPARTMENT. COUNTY WILL REQUIRE CONSTRUCTION DOCUMENTS SUBMITTED FOR REVIEW AND APPROVAL.
6. ALL PLANTING SHALL BE A MINIMUM OF 3' FROM EDGE OF SLAB, AND PROVIDE A 3' ACCESS OPENING.
7. METER ASSEMBLY SHALL BE LOCATED WITHIN C.U.E.
8. METER UNIT REQUIRES INITIAL CERTIFICATION FOR ACCURACY BY UNDERGROUND CONTROL AND TEST RESULTS SHALL BE SUBMITTED TO COLLIER COUNTY WATER DEPT.

DOMESTIC WATER METER ASSEMBLY DETAIL
(3" & OVER)

N.T.S.

W-13
REVISED: 07/03/00



NOTES:

1. FINAL CONNECTION TO BE WITNESSED BY COLLIER COUNTY DEVELOPMENT SERVICES DIVISION.
2. BLIND FLANGES TO BE PROPERLY RESTRAINED.
3. INITIAL JAMPER TYPED FOR TEMPORARY METER DOWNSTREAM OF BLIND FLANGE FOR CONSTRUCTION WATER.
4. 6\"/>
5. JAMPER ASSEMBLY MUST BE MINIMUM OF 18\"/>
6. BACKFLOW ASSEMBLY REQUIRES INITIAL CERTIFICATION BY CERTIFIED BACKFLOW TESTER.
7. THIS ASSEMBLY SHALL ONLY BE USED IF NO COMBUSTIBLES WILL BE ON SITE. IF COMBUSTIBLES ARE BROUGHT ON SITE, THEN THE TEMPORARY BACKFLOW PREVENTERS & FIRE PROTECTION METER IS-N ASSEMBLY SHALL BE USED.

CONNECTION TO EXISTING WATER MAIN DETAIL
(GAP CONFIGURATION)

N.T.S.

W-4
REVISED: 07/03/00

LETTER	REVISIONS	DATE



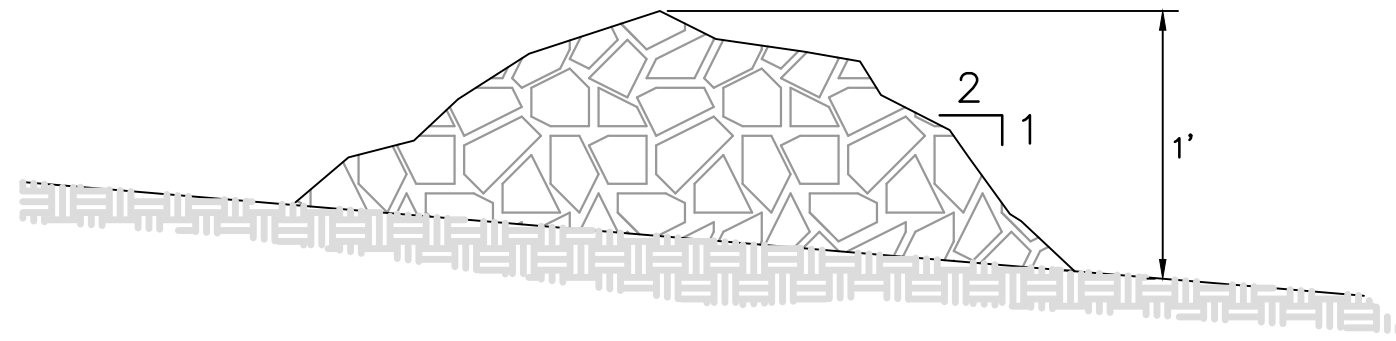
DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE N/A



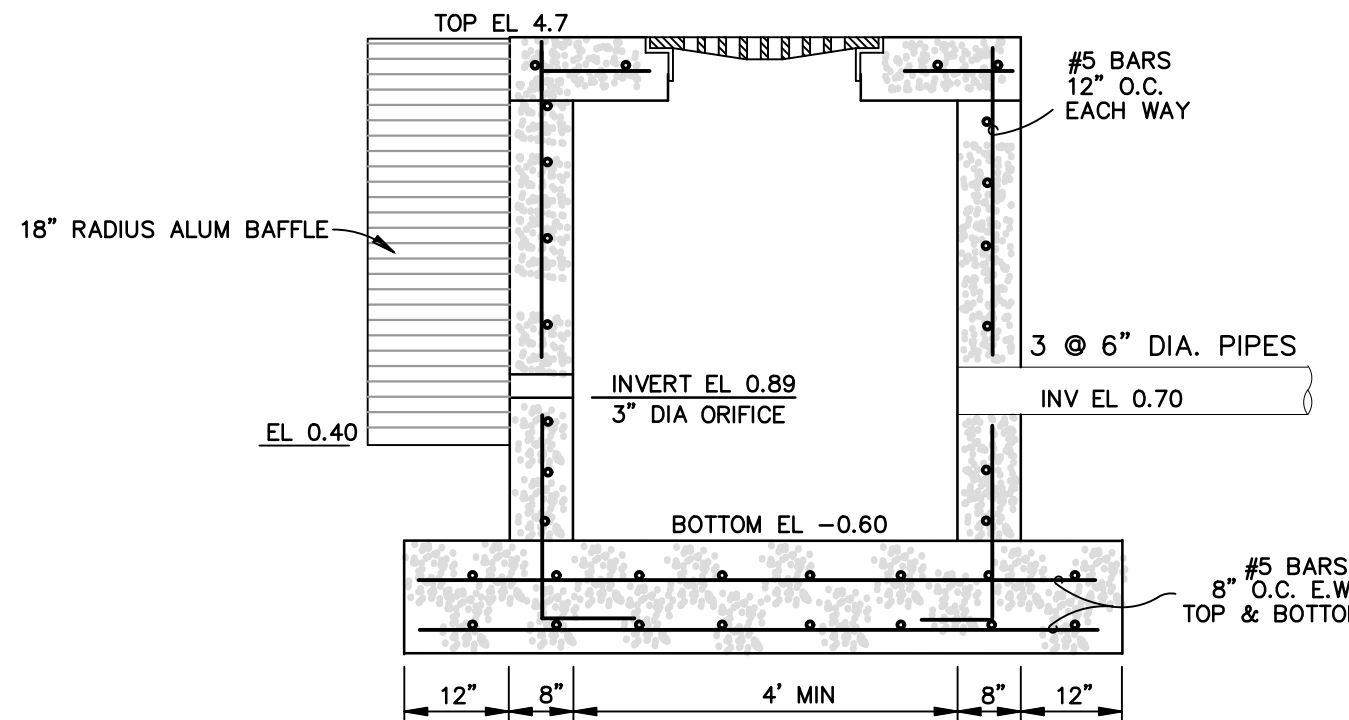
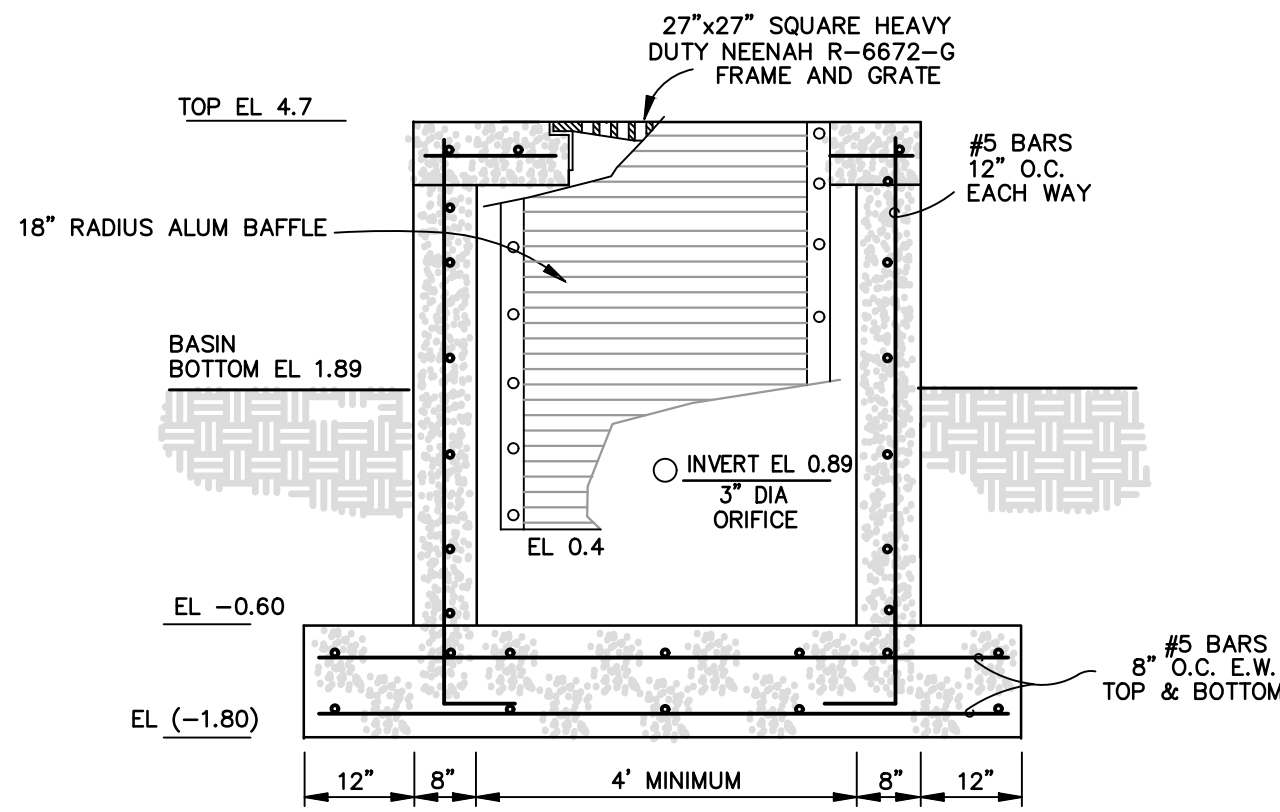
950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

WATER DETAILS

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO. 1163WD1	DRAWING NO. 1163
DATE	PROJECT NO. 2021.163	SHEET NO. 13 of 15



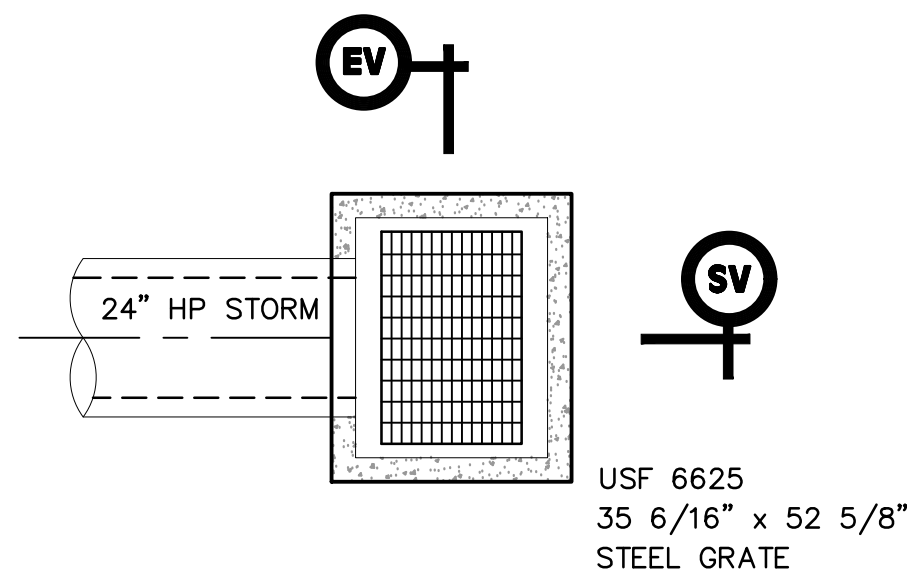
RIPRAP CHECK DAM
N.T.S.



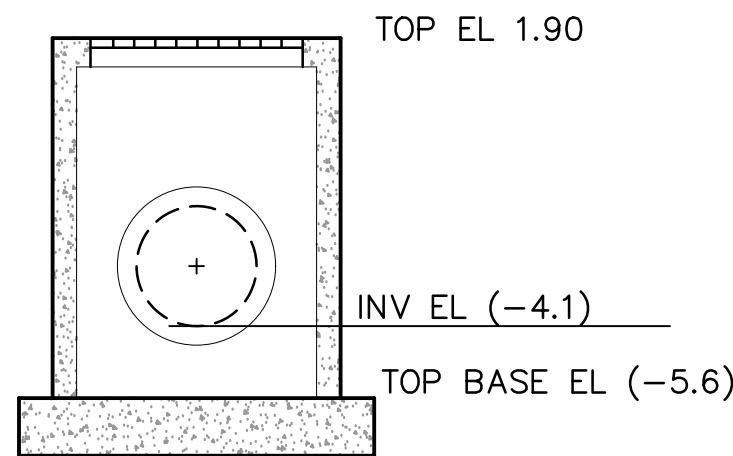
SEE SHEET FOR FULL CROSS-SECTION

WCS STRUCTURE BAFFLE
FRONT VIEW
SCALE 1" = 2'

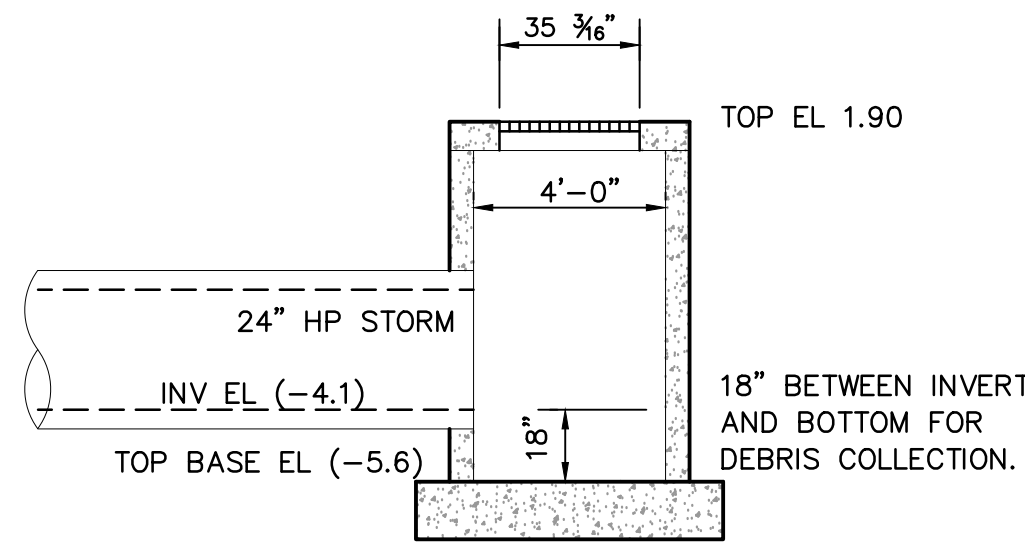
WCS STRUCTURE BAFFLE
SIDE VIEW
SCALE 1" = 2'



PLAN VIEW



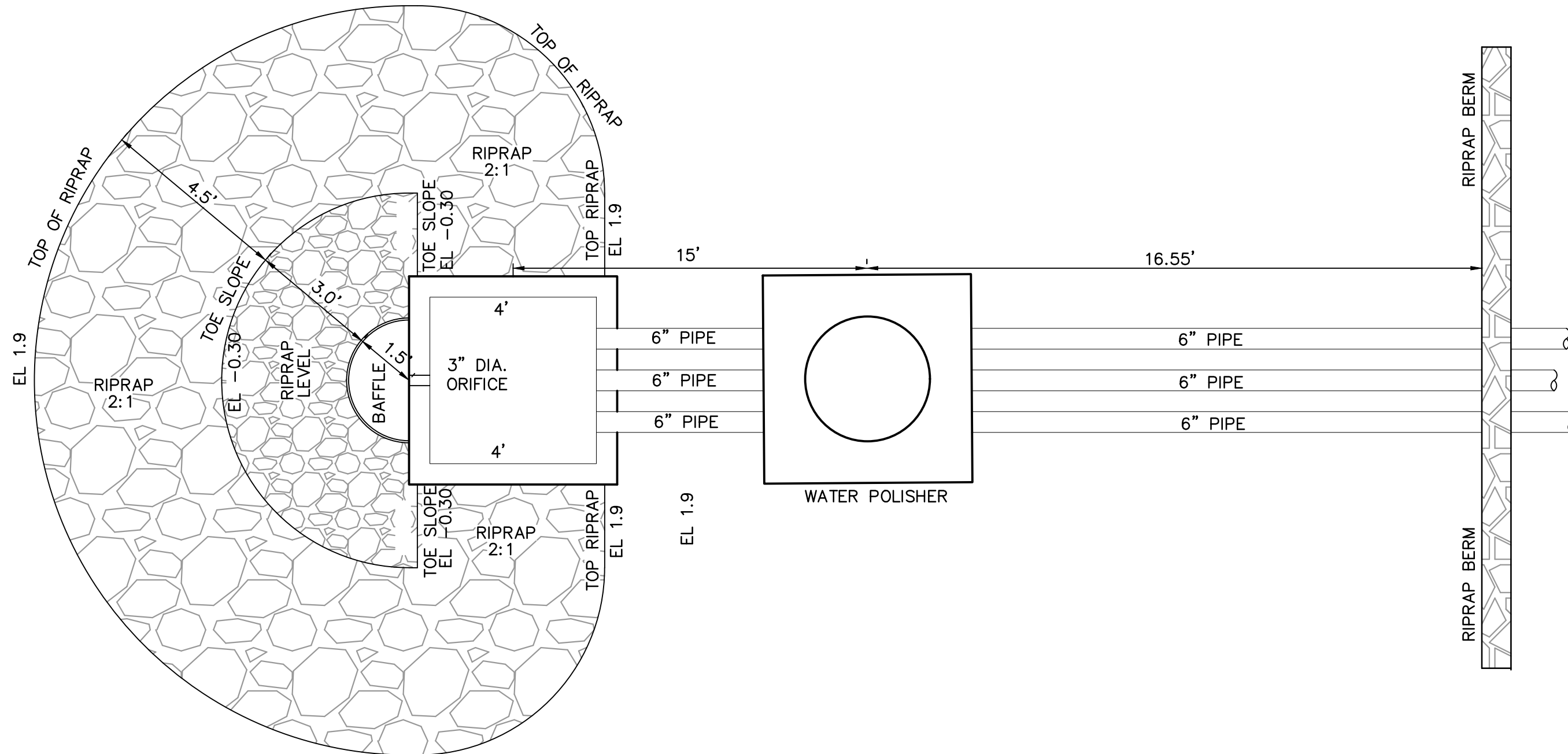
END VIEW



SIDE VIEW

4' X 5' INSIDE
DIM BOX

BUBBLE-UP DETAIL
N.T.S.



RIPRAP AT WCS
N.T.S.

Water Control Structure

Q:\FL-NAPL-HM\INDATA-NP\2021\163\DW\Converted\1163WD1.dwg Tab: Layout2 Jun 11, 2026 - 4:53pm Plotted by: cassidy.crowford

REVISIONS	DATE



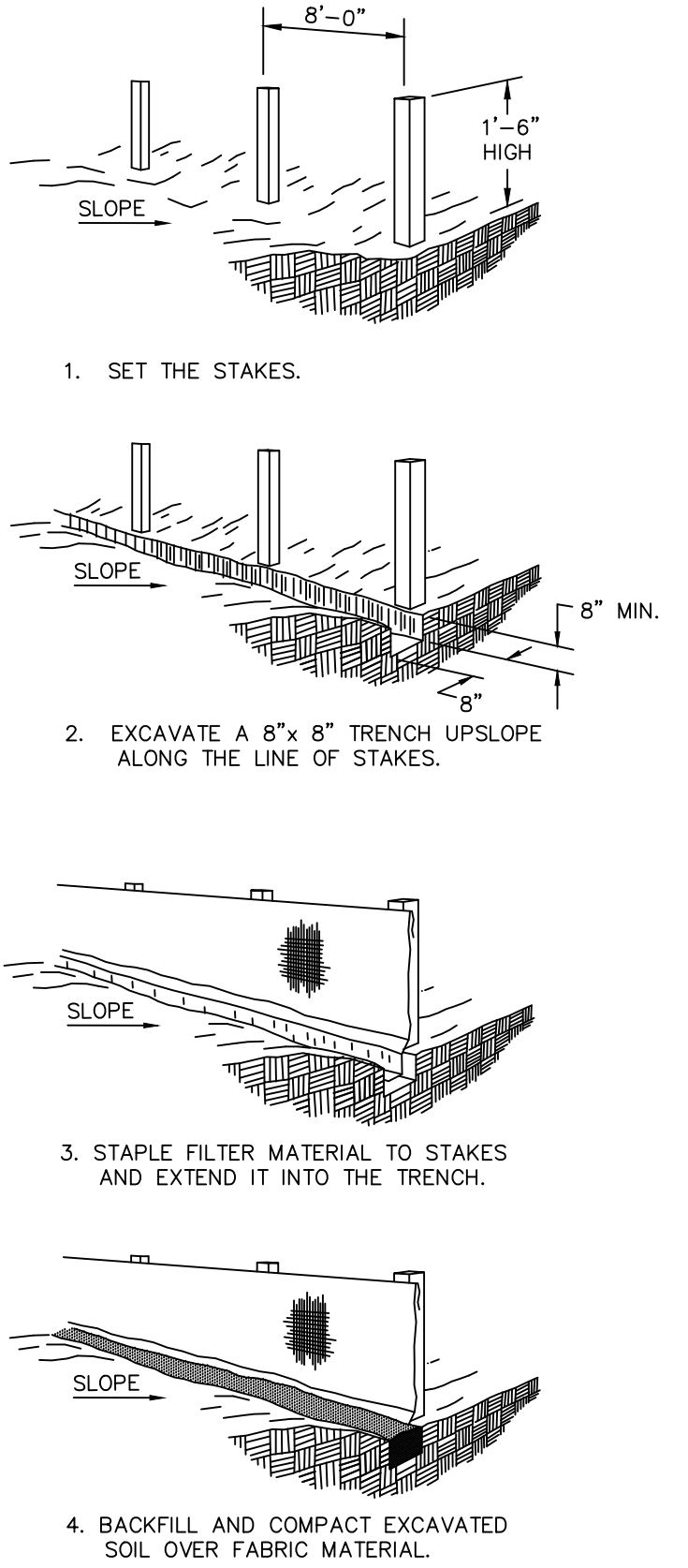
DESIGNED BY K.M.D.	DATE 12/23
DRAWN BY S.P.C.	DATE 12/23
CHECKED BY K.M.D.	DATE 12/23
VERTICAL SCALE N/A	HORIZONTAL SCALE N/A



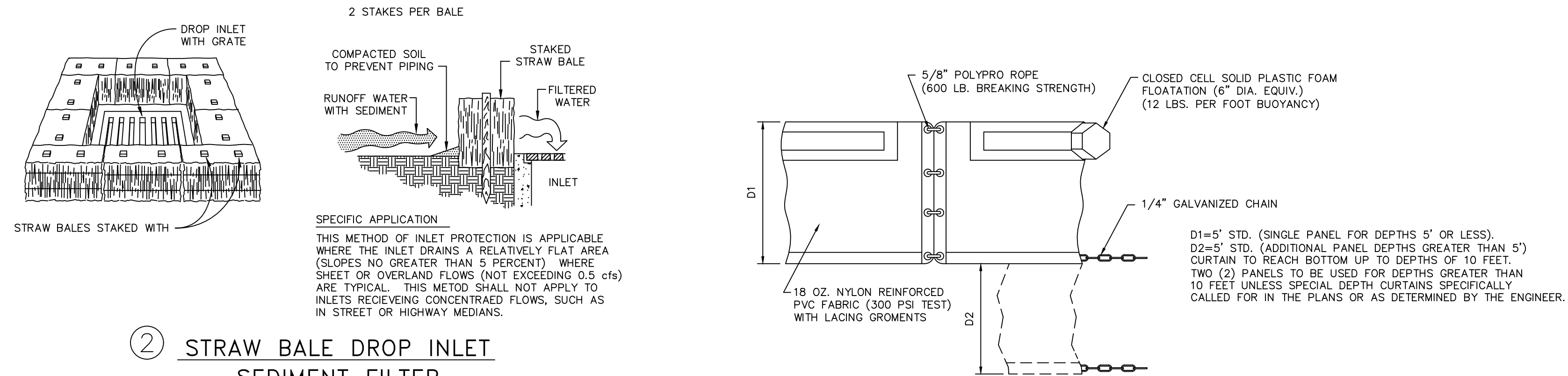
950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

STORM WATER DETAILS

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO. 1163WD1	DRAWING NO. 1163
DATE	PROJECT NO. 2021.163	SHEET NO. 14 OF 15



PER FDOT INDEX NO. 1032, SHEET 3 OF 3



PER FDOT INDEX NO. 102, SHEET 2 OF 3

N.T.S

PER FDOT INDEX NO. 103, SHEET 1 OF 1

CAD FILE NAME:	DRAWING NO.:
01063ECD	DRAWNUM
PROJECT NO.:	SHEET NO.:
2021.163	15 OF 15