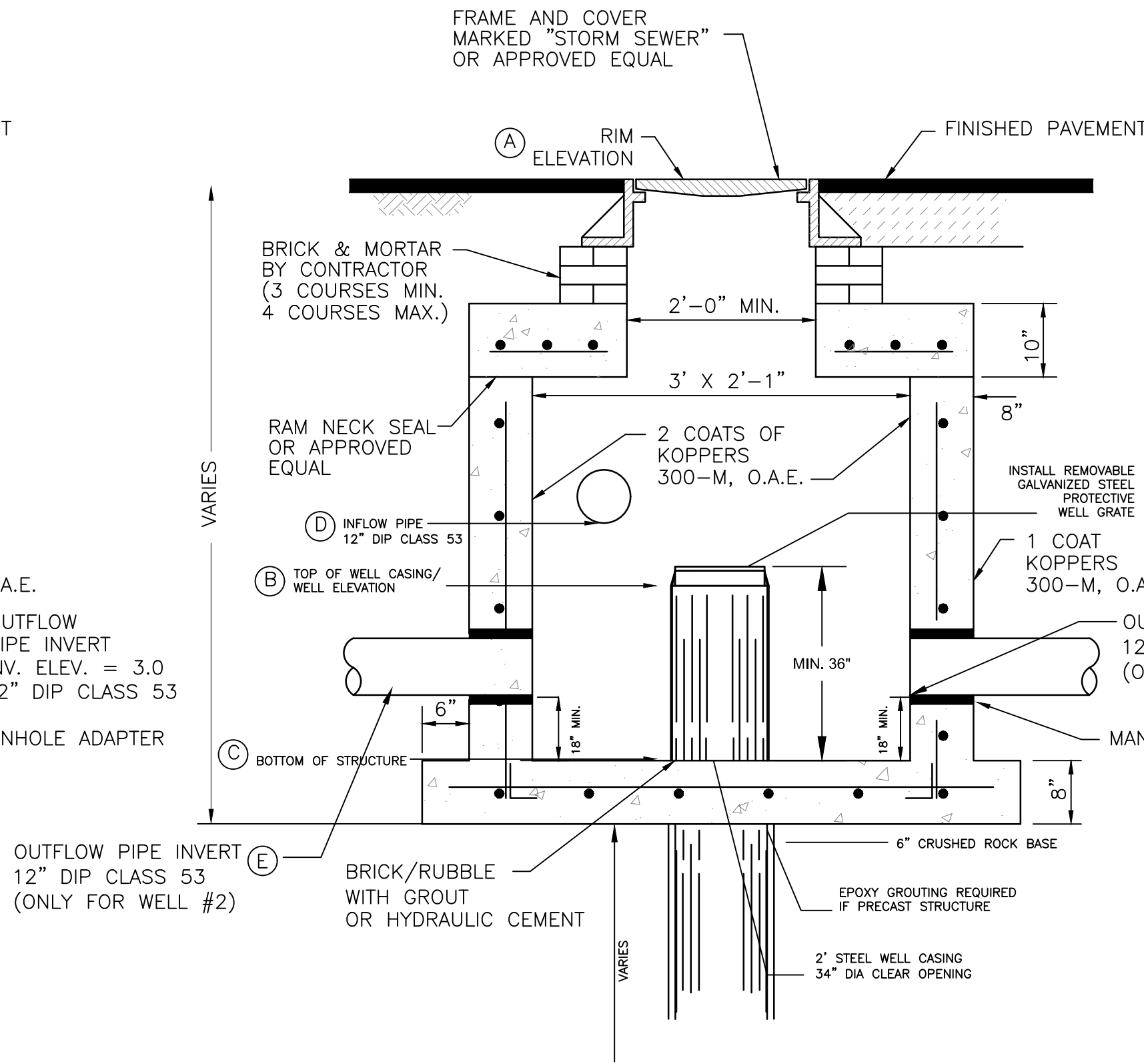
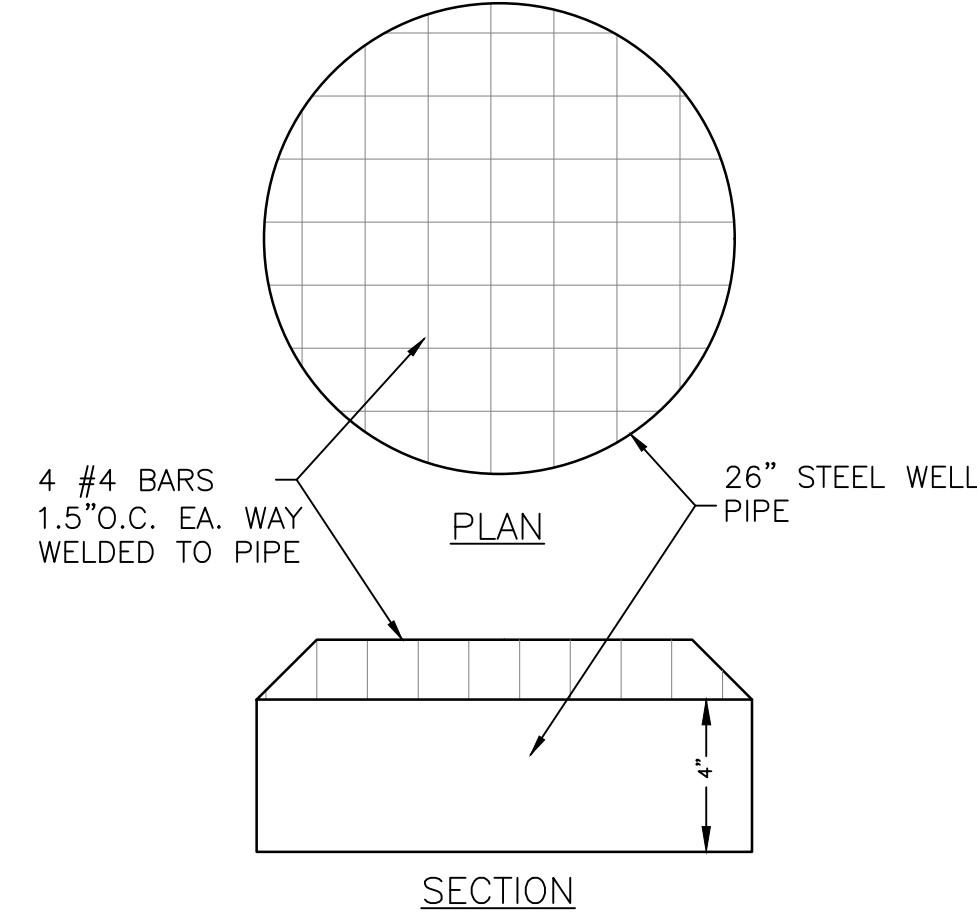


DRAINAGE WELL MANHOLE 1
TYPE C" DITCH BOTTOM INLET PER
LATEST FDOT INDEX 232
N.T.S.



DRAINAGE WELL MANHOLES 2
TYPE C" DITCH BOTTOM INLET PER
LATEST FDOT INDEX 232
N.T.S.



WELL SCREEN DETAIL

- CONTRACTOR SHALL GROUT BETWEEN CONCRETE BAFFLE AND LID OF STRUCTURE TO ENSURE WATER PROOF SEAL.
- WELL BOX REINFORCEMENT SHALL BE DESIGNED BY PRE-CASTER TO MEET FDOT STANDARDS AND SPECIFICATIONS

ITEM ID	ELEVATION (NAVD)
A	SEE PV&G PLAN FOR RIM ELEV.
B	3.50'
C	0.50'
D	2.00'
E	2.00'

DRAINAGE WELL NOTES:

- WELL CONTRACTOR SHALL VERIFY THE DEPTH OF AN AQUIFER HAVING A MINIMUM TDS OF 10,000 PPM AND COORDINATE WITH THE ENGINEER PRIOR TO INSTALLATION OF DRAINAGE WELL.
- (TO BE VERIFIED ONSITE) DRAINAGE WELL SHALL BE DRILLED TO AN ESTIMATED DEPTH OF 4'-100 FEET TO DISCHARGE RUNOFF TO AN AQUIFER HAVING A MINIMUM TDS OF 10,000 PPM.
- WELL SHALL HAVE AN UPPER CASING OF A MINIMUM OF 24 INCHES IN DIAMETER, WITH DRIVE SHOW, WHICH SHALL BE DRIVEN TO A FIRM SEAT AND GROUT SEAL AT LEAST 3 FEET BELOW THE CAP OF THE UPPERMOST ROCK FORMATION TO BE DEVELOPED, CASING ENDS SHALL BE SQUARE TO THE AXIS OF THE SECTION AND SHALL BE WELDED TOGETHER AS DRIVING PROGRESSES.
- WELL SHALL BE AS PLUMB AND TRUE TO LINE AS GOOD WORKMANSHIP WILL PROVIDE.
- COMPLETED WELL SHALL BE THOROUGHLY AGITATED AND DEVELOPED.
- THE COMPLETED WELL SHALL MEET DADE COUNTY REQUIREMENTS FOR ALLOWABLE DRAWDOWN AND TEST DURATION.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR CONDUCTING THE WELL TEST AND SATISFACTORILY DISPOSING OF THE WATER PUMPED FROM THE WELL. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER AND ENGINEER PRIOR TO THE START OF THE TEST.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SECURE THE NECESSARY DERM WELL DRILLING PERMITS AND COMPLY WITH ALL THE PROVISIONS THEREOF, AS WELL AS DERM CLASS II PERMIT.
- STEEL WELL GRATE TO BE INSTALLED OVER 24" DEEP WELL. STEEL GRATE TO BE HOT DIPPED GALVANIZED AFTER FABRICATION. COST TO BE INCLUDED IN PRICE OF CASING.

DRAINAGE WELL MANHOLE NOTES:

- SHOP DRAWINGS, SHOWING ALL DIMENSIONS AND CALCULATIONS, INCLUDING CONCRETE REINFORCEMENT, SHALL BE SUBMITTED FOR REVIEW TO THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
- THE BOTTOM SLAB SHALL BE CAST MONOLITHICALLY WITH THE LOWER WALL SECTION.
- PROVIDE GREASE AND OIL SEPARATOR FOR CATCH BASIN BEFORE DETENTION TANK.
- WELL DEPTH SHOULD BE CONFIRMED OR ADJUSTED BASED ON THE REASONABLE ASSURANCE REPORT AS SET BY THE DRILLER. DESIGN DEPTHS: DEEP WELL TO BE 90.0 (FEET DEEP): 80 (FEET) ENCASED AND 12.0 (FEET) OPEN FOR THE WELLS INSTALLED ON THE EAST SIDE OF THE PROPERTY AND 80.0 (FEET DEEP): 60 (FEET) ENCASED AND 12.0 (FEET) OPEN FOR THE WELLS INSTALLED ON THE WEST SIDE OF THE PROPERTY. SEE PAVING, GRADING AND DRAINAGE PLAN. CONTRACTOR IS TO VERIFY DEEP WELL CAPACITY IN GPM PER FT. HEAD BY CONDUCTION A FLOW TEST ON ALL NEW WELLS.
- DEVELOPER OF WELL TO ASSURE 3000 P.P.M. SALINITY. THE WELL CASING SHALL PENETRATE A ZONE CONTAINING A MINIMUM OF 10,000 MG/L OF TOTAL DISSOLVED SOLIDS (TDS).



A CIVIL ENGINEERING FIRM
EXPEDITING DEVELOPMENT

801 Brickell Avenue
Suite 800
Miami, Florida 33131
PH: 786.284.8828
FAX: 866.312.8730

FLORIDA CERTIFICATE OF AUTHORIZATION # 27431

PROJECT NUMBER: 23106

DRAWN BY: AH DESIGN BY: AH CHECK BY: LAB

ORIGINAL DRAWING DATE: 01/04/2023

REVISIONS:		
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PROJECT NAME:
**TOWNHOMES
CANAL
DRIVE
POMPANO**

LOCATION:

3233 - 3237 CANAL DRIVE
POMPANO BEACH, FL 33062

FOR:

MR. SERGE MICHAUD

3018 NE 20TH COURT
FT. LAUDERDALE, FL 33305

PLAN STATUS:
**SUBMITTAL SET:
FOR AGENCY REVIEW
AND APPROVAL**

JULY 31, 2024
LUIS A. BETALLEUZ, JR., P.E. FL P.E.# 65892
(NOT VALID WITHOUT SIGNATURE AND PROPER SEAL)

SHEET NAME:

DRAINAGE WELL DETAILS

SHEET NUMBER: C 7.0



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!