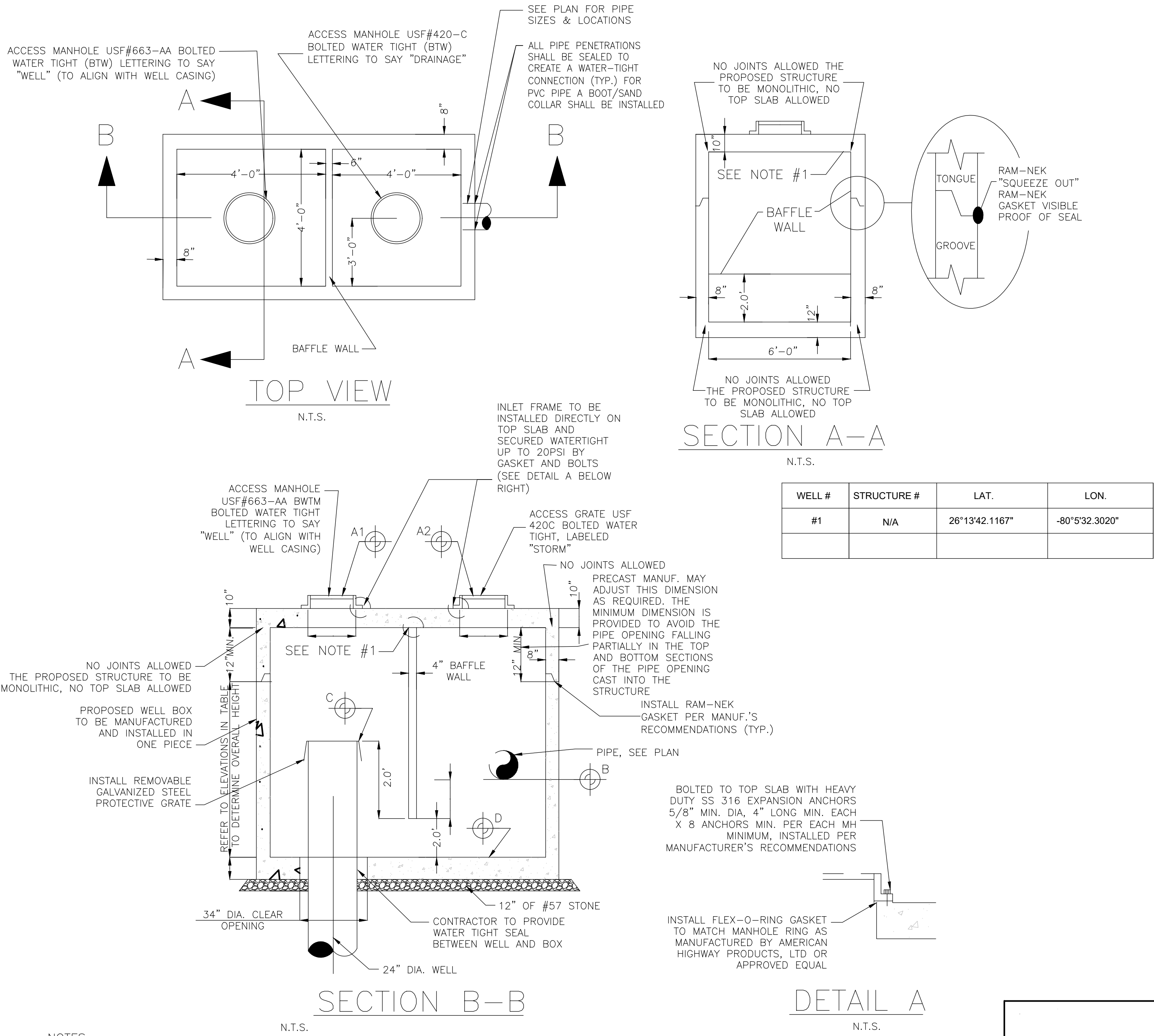


DRAINAGE WELL(S) NOTE:

- 1.THE DRAINAGE WELLS SHOWN HEREON SHALL BE CASED TO THE DEPTH NECESSARY TO DEVELOP THE REQUIRED DISCHARGE AND SUFFICIENT TO ACHIEVE A MINIMUM OF 10,000 PPM OF TOTAL DISSOLVED SOLIDS. AN OPEN HOLE SHALL BE DEVELOPED BELOW CASING AS REQUIRED TO ACHIEVE REQUIRED MINIMUM CAPACITY AS STATED ON THESE PLANS.
- 2.WELLS ARE TO BE AS PLUMB AND TRUE TO LINE AS GOOD WORKMANSHIP PERMITS.
- 3.COMPLETED WELLS ARE TO BE THOROUGHLY DEVELOPED.
- 4.EACH COMPLETED WELL SHALL MEET OR EXCEED THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) REGULATIONS, INCLUDING ANY OTHER REGULATORY AGENCY HAVING JURISDICTION AND/OR THE ENGINEER OR RECORDS REQUIREMENTS.
- 5.THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR CONDUCTING WELL TESTS AND PROPERLY DISPOSING OF THE WATER PUMPED FROM THE WELL. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF RECORD A MINIMUM OF 72 HOURS, NOT INCLUDING WEEKENDS NOR LEGAL HOLIDAYS, PRIOR TO THE INITIATION OF SUCH TESTING. PLEASE REFER TO NOTE #8 FOR FINAL TESTING PRIOR TO ENGINEER'S ACCEPTANCE.
- 6.IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE ALL NECESSARY PERMITS AND TO COMPLY WITH THE PROVISIONS THEREOF. THE WELL CONTRACTOR SHALL PROVIDE THE PERMITTING AGENCIES WITH GEOTECHNICAL/SOIL REPORTS BY A LICENCED PROFESSIONAL GEOLOGIST LICENSED IN THE STATED OF FLORIDA AS WELL AS ANY STUDIES REQUIRED BY THEM AS PART OF PERMITTING PROCESS. (REASONABLE ASSURANCE REPORT REGARDING IMPACTS TO UNDERGROUND SOURCES OF DRINKING WATER "USDW", AND SURFACE WATER BODIES). WELL CONTRACTOR SHALL INCLUDE IN HIS PRICE ANY FEES TO BE PAID TO A PROFESSIONAL GEOLOGIST. THERE WILL BE NO EXTRAS ALLOWED FOR COMPLIANCE WITH PERMITTING AGENCIES REQUIREMENTS.
- 7.TEMPORARY SOLID LIDS SHALL BE WELDED ON THE TOP OF EACH COMPLETED WELL TO PREVENT LIQUID, AND/OR FOREIGN MATERIALS AND/OR CONSTRUCTION WASTE FROM ENTERING THE WELL(S). THESE LIDS SHALL BE REMOVED ONLY AFTER OBTAINING WRITTEN APPROVAL FROM THE ENGINEER OF RECORD. DO NOT USE THE WELLS FOR DEWATERING. THE WELL SHALLS HAVE A WELDED PLATE TO PREVENT DEWATERING TO IT, THE TOP PLATE SHALL BE REMOVED ONCE DEWATERING IS NO LONGER NEEDED, PER THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- 8.ONCE THE WELL IS CERTIFIED AND ACCEPTED BY ALL PERMITTING AGENCIES AND THE ENGINEER OF RECORD, THE CONTRACTOR SHALL TEST EACH WELL BY PUMPING WATER A MINIMUM RATE OF 2,000 G.P.M. THE CONTRACTOR SHALL PROVIDE ALL OF THE EQUIPMENT REQUIRED FOR SAID TEST INCLUDING FLOW METER DEVICE, PUMPS AND HOSES. THE WATER SOURCE SHALL ALSO BE PROVIDED BY THE CONTRACTOR.
- 9.ALL PIPE PENETRATIONS IN AND OUT OF THE WELL BOXES SHALL BE WATER TIGHT TO THE STATIC PRESSURE INDUCED BY THE WATER LEVEL REACHING THE RIM ELEVATION OF THE WELL BOXES OR ELEVATION 8.00' NAVD, WHICHEVER IS HIGHER.
- 10.THE WELL BOXES AND ALL ROOF DRAINAGE PIPING SHALL BE TESTED FOR LEAKAGE BY PLUGGING ALL PENETRATIONS, WITH THE EXCEPTION OF THE GOOSE NECK SET AT ELEVATION 8.00' (DO NOT INSTALL 180° ELBOW AT TOP OF GOOSENECK UNTIL PRESSURE TEST IS COMPLETE), AND FILLING EACH BOX WITH WATER TO ELEVATION 9.50' NGVD. PRIOR TO TESTING, EACH BOX SHALL BE SATURATED. SATURATION SHALL BE ACCOMPLISHED BY KEEPING A CONSTANT HEAD ON THE WELL BOXES TO ELEVATION 9.50' NGVD AT THE TOP OF THE GOOSE NECK WITHOUT THE INSTALLED 180° ELBOW, FOR A PERIOD OF NO LESS THAN TWO HOURS PRIOR TO THE LEAKAGE TEST). THE LEAKAGE TEST SHALL BE CONDUCTED AFTER ATTAINING SATURATION FOR AN ADDITIONAL TWO HOURS. THE MAXIMUM ALLOWABLE LEAKAGE SHALL NOT EXCEED 2 GALLONS IN 2 HOURS.
11. FOR THOSE DEWATERING WELLS THAT WILL BE USED LATER PERMANENTLY: IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REDEVELOP THE WELL(S), RETEST AND CERTIFY TO THE ENGINEER OF RECORD THAT THE WELL(S) IS/ARE BACTERIA FREE AFTER THE DEWATERING OPERATION. CONTRACTOR SHALL PROVIDE LABORATORY TESTING INDICATING THAT THE WELL IS FREE OF SULFUR BACTERIA, OR ANY OTHER ORGANIC ORGANISM THAT WILL HINDER THE PERFORMANCE OF THE WELL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DELIVER ALL WELLS WITH A MINIMUM CAPACITY OF 100 G.P.M PER FOOT OF HEAD.
12. DO NOT PRESSURE ANY TEMPORARY DEWATERING WELL, AS YOU WILL COLLAPSE THE PERMANENT WELLS. CONTRACTOR SHALL BEAR THE FULL COSTS TO RE-DEVELOP THE PERMANENT WELLS IF HE COLLAPSES THEM.
13. EXACT WELLS LOCATIONS SHALL BE PER SHEET C1.



- NOTES
1. CONTRACTOR SHALL GROUT BETWEEN CONCRETE BAFFLE AND LID OF STRUCTURE.
 2. PROOF SEAL WELL BOX. REINFORCEMENT SHALL BE DESIGNED BY PRE-CASTER TO MEET FDOT STANDARDS AND SPECIFICATIONS, TO BE ABLE TO HANDLE H-20 LOADING, TO BE PROVIDED AND SHOWN ON SHOP DRAWINGS.
 3. CASTING SHALL HAVE HOLES IN THEM SO THAT THEY CAN BE ANCHORED INTO THE STRUCTURES AS PER THE DETAILS, SHOW ON SHOP DRAWINGS.

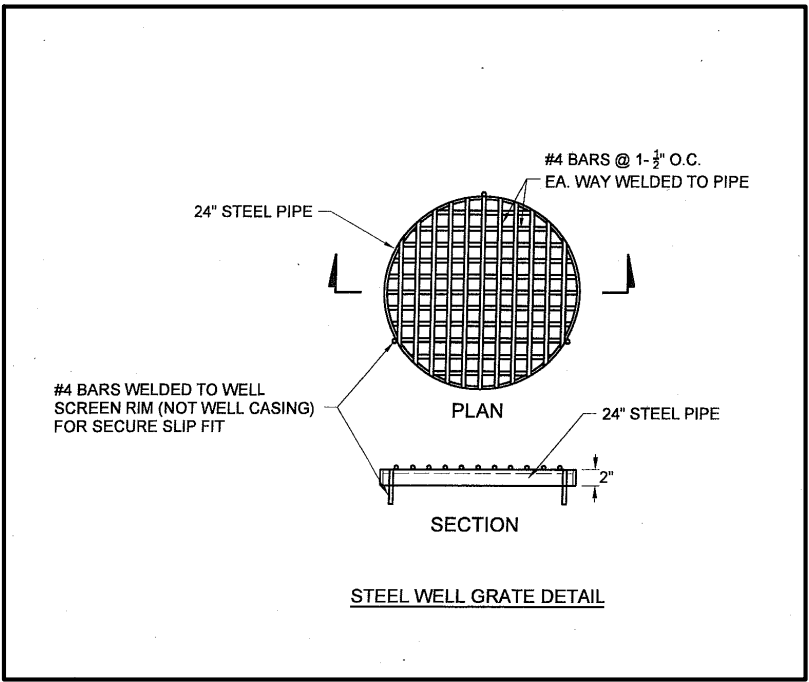
WELL #	STRUCTURE#	A1	A2	B	C	D
#1	N/A	6.50	6.50	2.50	1.50	(-)2.50

**THE FINAL WELL REPORTS FOR WELL #1 MUST SHOW MINIMUM CAPACITY OF 50 GPM/FT-HEAD

DRAINAGE WELL & INLET

N.T.S.

ELEVATIONS IN NAVD 88



ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

Sunshine
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

OWNERSHIP AND USE OF THESE DOCUMENTS & SPECIFICATIONS ARE WITHHELD BY SERVICE AND SHALL REMAIN THE PROPERTY OF GLOBE ENGINEERING, INC. WHETHER THE PROJECT HAS OR HAS NOT BEEN COMPLETED BY GLOBE ENGINEERING, INC. THESE DOCUMENTS, DETAILS, & SPECIFICATIONS SHALL NOT BE USED BY ANYONE, ON ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF GLOBE ENGINEERING, INC. THIS PLAN MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM GLOBE ENGINEERING, INC. 2025 - GLOBE ENGINEERING, INC.

DESIGNED: MP
DRAWN: SKC

DATE:
2/9/2026

PROJECT NO:
2025-011

DRAWING NAME:
C-7

SHEET NO:
C-7 OF 11

TOWNHOMES

3305 SE 5TH STREET

POMPANO BEACH, FL 33062

DRAINAGE WELL DETAILS

Globe Engineering, Inc.

Civil Engineering - Land Planning - Construction Management

4839 SW 148 Avenue, Suite 507

Fort Lauderdale, FL 33330

Phone: 954-318-7628

www.civil-engineer.us

FBPP REGISTRY No. 8604

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MARTIN PILOTE USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. PRINTED COPIES ARE ONLY VALID IF IT INCLUDES AN INK ORIGINAL HAND SIGNATURE.

MARTIN PILOTE

LICENSE

No 55992

STATE OF FLORIDA

PROFESSIONAL ENGINEER

DESIGNED: MP
PROJECT NO:
2025-011
DRAWING NAME:
C-7
SHEET NO:
C-7 OF 11

DATE:
2/9/2026

© 2025 GLOBE ENGINEERING, INC.