

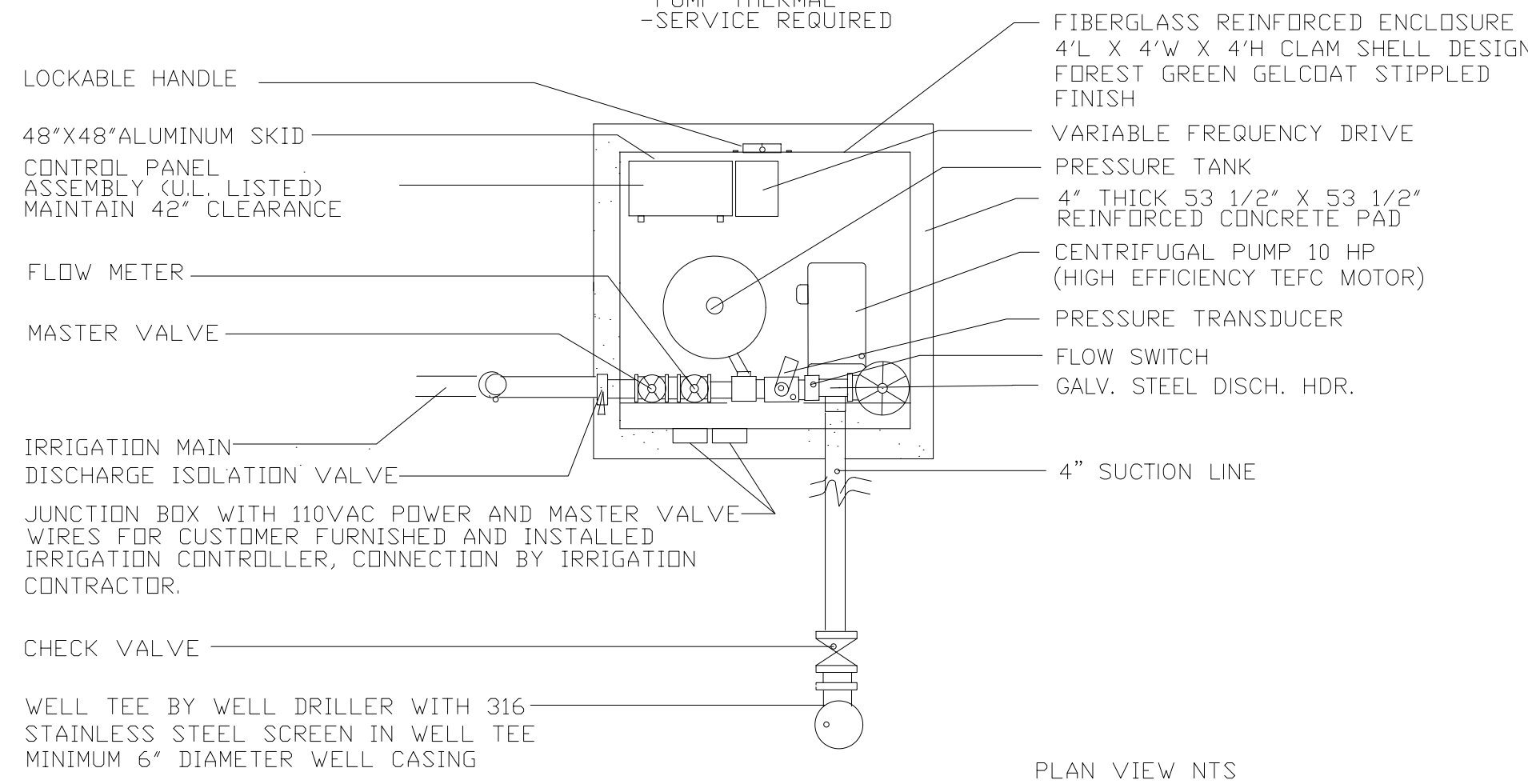
NOTE: SUCTION PIPE SHALL BE SCHED 40 GALVANIZED STEEL WITH GALVANIZED ROLL GROOVE FITTINGS FROM THE PUMP TO THE WELL TEE. CHECK VALVES 3" AND LARGER SHALL BE SWING TYPE, 2" AND SMALLER SHALL BE POPPET STYLE

PROVIDE MINIMUM OF 4" CLEARANCE ON ALL SIDES OF PUMP SYSTEM

* FEATURES ARE INCLUDED IF MARKED WITH AN "X"

- X VARIABLE FREQUENCY DRIVE
- IRRIGATION CONTROLLER WITH RAIN SENSOR ON 8' POLE.
- X PRESSURE TANK FOR PRESSURE DEMAND SYSTEMS

SAFETY FEATURES
PRESSURE DEMAND:
-TRANSIENT SURGE
-LOSS OF PRIME
-HIGH FLOW
-PUMP THERMAL
-SERVICE REQUIRED



ELECTRIC SERVICE TO BE, IN ORDER OF PREFERENCE:
460V 3-PHASE, 230V CLOSED-DELTA 3-PHASE, 208 WYE 3-PHASE,
230 1-PHASE, 208V 1-PHASE, 230 OPEN-DELTA 3-PHASE.

PUMP PERFORMANCE
150 GPM @ 165 TDH, 60 PSI

HOOVER PUMPING MODEL: HCF-10PDV-230/3-M,W,Z
Pompano Beach, Florida, Tel: 954-971-7350

FILE PN15079.DWG 11/18

CENTRIFUGAL PUMP SYSTEM DETAIL
FIBERGLASS ENCLOSED SINGLE WELL SUCTION
PRESSURE DEMAND VARIABLE FREQUENCY DRIVE
HOOVER GREEN

*OR APPROVED EQUAL

Michael
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Digitally signed by
Michael D Grosswirth
DN: c=US, o=THOMAS
ENGINEERING GROUP
LLC,
ou=A01410C000001720
E31831F0000EFAC,
cn=Michael D Grosswirth
Date: 2022.07.19
12:18:36 -04'00'

BROWARD COUNTY HIGHWAY CONSTRUCTION AND
ENGINEERING DIVISION
☐ PLAN CONSISTENT
WITH PLAT REQUIREMENTS
☐ PUBLIC RIGHT OF WAY APPROVAL
FOR PAVING, GRADING AND DRAINAGE
BY: _____ DATE: _____
DOES NOT INCLUDE APPROVAL
OF PAVEMENT MARKING & SIGNS

REVISIONS

REV:	DATE:	COMMENT:	BY:



www.callsunshine.com

BUILDING PERMIT

PROJECT No.: F190044
DRAWN BY: JV
CHECKED BY: MDG
DATE: 05-23-19
CAD I.D.: F190044 - IRRIGATION

PLAN-RETAIL ONLY NEW

FESTIVAL
MARKETPLACE
POMPAHO BEACH, FL

FOR

URBN DESIGN

696 NE 125TH STREET
NORTH MIAMI, FL 33415

THOMAS
ENGINEERING GROUP

6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
July 19, 2022
FLORIDA LICENSE NO. 17171
FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:

IRRIGATION
DETAILS

SHEET NUMBER: