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REVISIONS:

ARCH/CIVIL/OWNER COORD. 01/30/19

ISSUE DATE:

ISSUED FOR BID 01/30/19

DRAWN BY: P. Ranucci

PANDA PROJECT # S8-19-D6573

ARCH PROJECT # P7336

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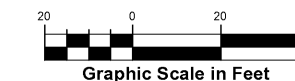
PANDA EXPRESS

TRUE WARM & WELCOME 2200  
ATLANTIC & KERNAN  
CITY OF JACKSONVILLE, FLORIDA

C1.4

GRADING AND STORM  
DRAINAGE PLAN

TRUE WARM & WELCOME 2200



LEGEND

- PROPERTY LINE
- CONTOUR ELEVATION
- HP --- HP HIGH POINT
- STORM PIPE
- TOP OF CURB ELEV. PAVEMENT ELEV.
- PAVEMENT ELEV.
- DIRECTION OF FLOW
- STORM / SANITARY MANHOLE
- DITCH BOTTOM INLET

NOTE:

ITEMS SHOWN SCREENED REPRESENT EXISTING CONDITIONS. ITEMS SHOWN UNSCREENED REPRESENT PROPOSED CONDITIONS.

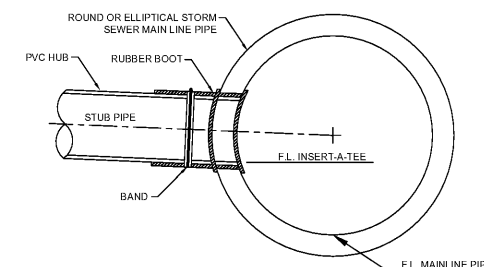
PIPE MATERIAL

STORM MAIN PIPE

- RCP PIPE SHALL COMPLY WITH ASTM D3035
- ERCP PIPE SHALL COMPLY WITH ASTM C507
- HDPPE PIPE SHALL COMPLY WITH ASTM D3350
- PVC PIPE SHALL COMPLY WITH ASTM D3034, SDR 35

NOTES

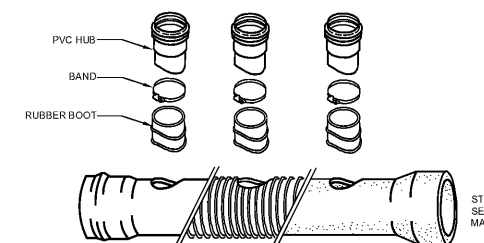
1. GRADING SHOWN ON THESE PLANS IS PROVIDED TO THE CONTRACTOR TO EXPRESS THE GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL BE EXPECTED TO GRADE THE ENTIRE SITE TO ENSURE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. THE FOLLOWING MINIMUM SLOPES SHALL BE PROVIDED BY THE CONTRACTOR:
  - a. ASPHALT PAVEMENT: MIN. 1% SLOPE
  - b. CONCRETE PAVEMENT: MIN. 1% SLOPE
  - c. GUTTERS: MIN 0.5%
2. STRUCTURE BOTTOMS SHALL BE TYPE 'I' BOTTOMS PER FDOT REQUIREMENTS, UNLESS PIPE SIZES AND LOCATION REQUIRE A TYPE 'J' BOTTOM. CONTRACTOR SHALL REVIEW DESIGN AND PROVIDE APPROPRIATELY SIZED BOTTOMS PER FDOT REQUIREMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ADA AREAS ARE CONSTRUCTED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT ANY INFORMATION SHOWN ON THIS PLAN MAY NOT BE IN COMPLIANCE THEY SHALL NOTIFY THE ENGINEER PRIOR TO THE WORK BEING COMPLETED.



NOTES:

1. CENTERLINE OF CONNECTING (STUB) PIPE SHALL NOT BE LOWER THAN CENTERLINE OF MAINLINE PIPE.
2. INSTALLATION OF INSERT-A-TEE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

SECTION VIEW



NOTE:  
EXERCISE CARE WHEN DRILLING INTO MAIN, SO THAT PIPE IS NOT CRACKED OR FRACTURED.

INSERT-A-TEE DETAIL

N.T.S.



This item has been digitally signed and sealed by BRIAN P. CASSIDY, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PANDA EXPRESS NOTES

CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH SIGN COMPANY AND PANDA EXPRESS PM FOR FINAL LOCATION OF DRIVE THRU ELEMENTS (MENU BOARD, ORDER CANOPY, CLEARANCE BAR, AND DIRECTIONAL SIGNAGE) PRIOR TO INSTALLATION. CONTRACTOR SHALL ENSURE THAT PROPOSED UTILITIES, INCLUDING SITE LIGHTING CONDUIT ARE NOT INSTALLED SO THAT THEY WOULD CONFLICT WITH THE PLACEMENT OF THE DRIVE THRU ELEMENTS AND FOOTINGS.

CONTRACTOR SHALL PROVIDE CONCRETE PAVING BETWEEN FACE OF BUILDING AND BACK OF CURB ALONG DRIVE-THRU LANE AND ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING.

CONTRACTOR SHALL COORDINATE AND VERIFY LOCATION OF ALL SIGNAGE WITH OWNER PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL COORDINATE AND ADJUST LOCATION OF LOOP DETECTORS TO AVOID UTILITY CONFLICTS PRIOR TO CONSTRUCTION.

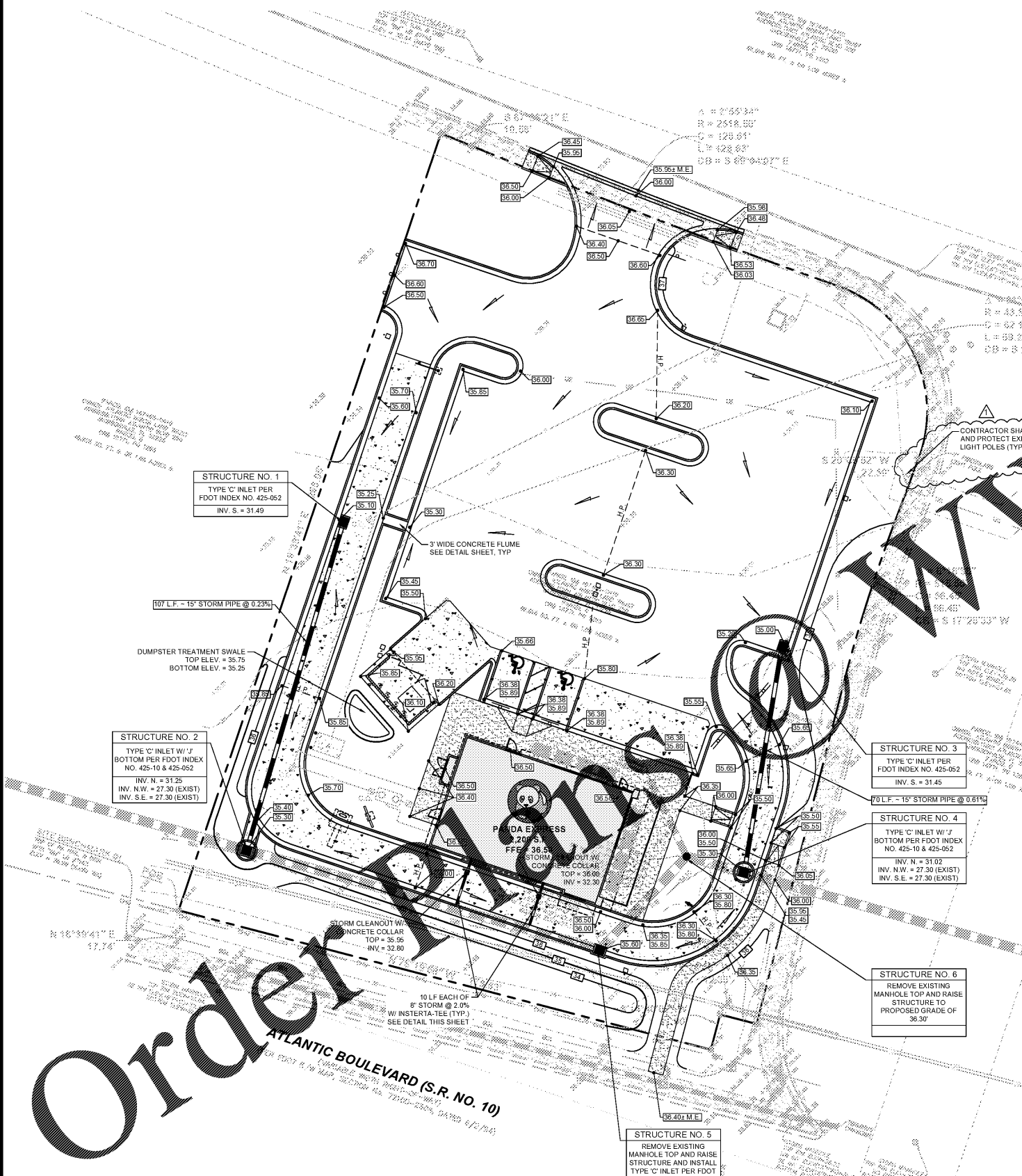
CONTRACTOR SHALL INSTALL GENERAL UTILITY CONDUITS TO PLANTERS AROUND BUILDING AND PATIO. SEE ARCHITECTURAL/MEP PLANS FOR CONTINUATION.

CONTRACTOR SHALL PROTECT ALL ITEMS OUTSIDE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE CONSTRUCTION PLANS OR SPECIFICATIONS.

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES (LOCATIONS AND ELEVATIONS) PRIOR TO STARTING CONSTRUCTION AND ALERT ENGINEER IMMEDIATELY.

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WWW.LDILLINE.COM



Order Plans  
ATLANTIC BOULEVARD (S.R. NO. 10)