



STORM DRAINAGE LEGEND

FORM SEWER	
PROP ROOF DRAIN	
PROP STORM CLEANOUT	
PROP RIDGE LINE	
FLOW ARROW	

ROOF DRAIN SCHEDULE:

PIPE No.	SIZE (IN)	TYPE	LENGTH (FT)	SLOPE (%)
RL-1	8"	PVC PIPE	30	1.0
RL-2	8"	PVC PIPE	45	1.0
RL-3	8"	PVC PIPE	84	1.0
RL-4	8"	PVC PIPE	60	1.0
RL-5	8"	PVC PIPE	78	1.0
RL-6	8"	PVC PIPE	78	1.0
RL-7	8"	PVC PIPE	30	1.0
RL-8	8"	PVC PIPE	40	1.0
RL-9	8"	PVC PIPE	95	1.0
RL-10	8"	PVC PIPE	20	1.0

ROOF DRAIN CLEANOUT SCHEDULE:

RCO-01	RCO-02
RIM ELEV = AT GRADE INV = 22.38 (AB)	RIM ELEV = AT GRADE INV = 21.68 (AB)
RCO-03	RCO-04
RIM ELEV = AT GRADE INV = 23.44	RIM ELEV = AT GRADE INV = 22.60
RCO-05	RCO-06
RIM ELEV = AT GRADE INV = 24.65	RIM ELEV = AT GRADE INV = 24.65
RCO-07	RCO-08
RIM ELEV = AT GRADE INV = 23.87	RIM ELEV = AT GRADE INV = 23.87
RCO-09	RCO-10
RIM ELEV = AT GRADE INV = 24.00	RIM ELEV = AT GRADE INV = 23.05

- STORM DRAINAGE NOTES:**
- GENERAL:**
 - DISTANCES AND LENGTHS OF PIPE SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.
 - PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER FACILITIES ONSITE TO BE MAINTAINED IN FUNCTIONING ORDER AS DESIGNED.
 - MATERIALS:**
 - REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTM C-76 CLASS III WALL THICKNESS 1". LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED.
 - ALL PVC DRAINAGE PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE (PVC) PIPE CONFORMING TO ASTM D 3034, SDR 35, WITH PUSH-ON RUBBER GASKET JOINTS.
 - ALL HIGH DENSITY POLYETHYLENE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M - 294 LATEST REVISIONS. ALL PIPING TO BE NON-PERFORATED TUBING.
 - INSTALLATION:**
 - PIPE SHALL BE PLACED ON A MINIMUM OF 8 INCHES STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.
 - BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.
 - PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

DATUM NOTE:
ELEVATIONS SHOWN HEREON ARE IN FEET AND ARE REFERENCES TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

FEMA MAP INFORMATION:
THE SUBJECT PROPERTY LIES IN FLOOD ZONE "X" ACCORDING TO FLOOD INSURANCE RATE MAP, MAP NO. 12031C0363H FOR CITY OF JACKSONVILLE, FLORIDA. COMMUNITY DATED JUNE 3, 2013 AND ISSUED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

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REVISIONS

REV	DATE	COMMENT	BY
1	01/08/18	PER CITY & JEA COMMENTS	JRT
2	03/06/18	PER CITY & FDOT COMMENTS	JRT
3	04/16/18	PER FDOT COMMENTS	JRT
4	01/28/20	FORCE MAIN & IRRIGATION REVISION	ASZ
5	02/11/20	EOD COMMENTS	ASZ
6	09/25/20	PER WAWA	KM

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PERMIT SET

PROJECT No.: FL170004
 DRAWN BY: JRT
 CHECKED BY: ASZ
 DATE: 9/28/20
 SCALE: AS NOTED
 CAD I.D.: GPD

Wawa

FOR
BRIGHTWORK REAL ESTATE

LOCATION OF SITE
 1004 EDGEWOOD AVE NORTH
 JACKSONVILLE, FL 32254
 CITY OF JACKSONVILLE

BOHLER ENGINEERING

3820 NORTHDAL BLVD., SUITE 300B
 TAMPA, FLORIDA 33624
 Phone: (813) 812-4100
 Fax: (813) 812-4101
 FLORIDA BUSINESS CERT. OF AUTH. No. 30789
 LICENSE NO. 00000001000000000000000000000000

SHEET TITLE:
DRAINAGE PLAN

SHEET NUMBER:
C-7

Order Plans

