EXHIBIT b

EXHIBIT B

LEE COUNTY
SITE DEVELOPMENT PLAN
SIMILY COMMERCIAL CENTER

712 LEELAND HGTS. BLVD.
LEE COUNTY, FLORIDA

STRAP No. 32-44-27-02-00013.0030

TOWNSHIP 44, RANGE 27E, SECTION 32

INDEX OF PLANS

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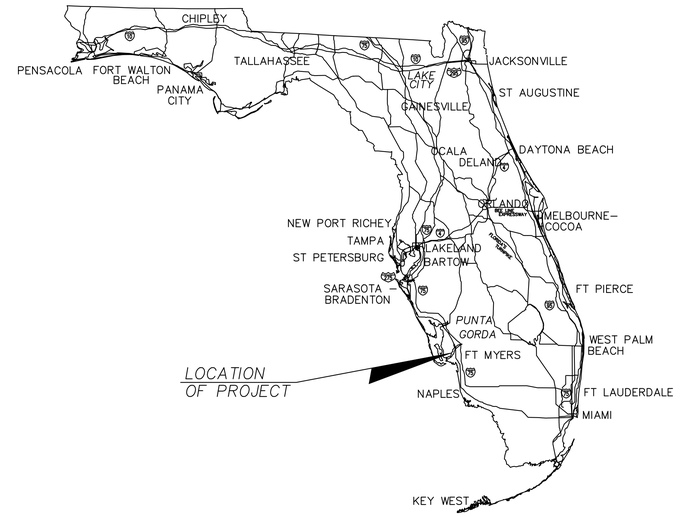

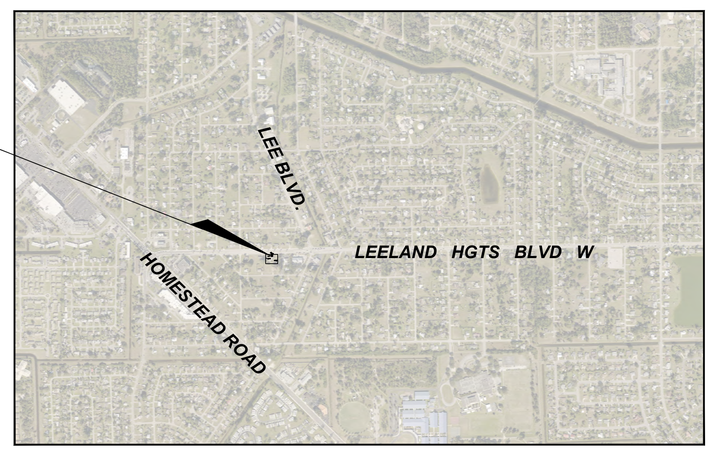

N

UTILITY COMPANIES SERVING THE PROJECT

SERVICE	NUMBER	COMPANY
ELECTRIC	(239) 995–2121	Lee County Electric Cooperative, Inc. 4980 Bayline Dr. Fort Myers, Fl. 33917
Telephone	(239) 772–9100	Centrylink 2710 Del Prado Blvd. S. Cape Coral, Fl. 33904
Water / Sewer	(239) 368–1615	Florida Government Utility Authority
Cablevision	(239) 574–2020	Comcast 1418 S.E. 10Th Street Cape Coral, Fl. 33990
Solid Waste	(239) 334–4115	WM – Waste Management, Inc. 11900 State Road 82 Ft. Myers, Fl. 33913
Fire Protection	(239) 369–1756	Lehigh Acres Fire, Rescue & Emergency Management Services 1000 Joel Blvd. Leehigh Acres, Fl. 33936

EDWARD M BLOT
LICENSE
No 72816
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Edward Blot
Date: 2025.05.20 16:04:53 -04'00'

REV	DATE	DESCRIPTION	DWN
3	5/12/25	REVISED PER COUNTY COMMENTS	KP EB
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A	01/29/23	ISSUED FOR REVIEW	KP EB

SIMILY COMMERCIAL CENTER
712 LEELAND HGTS BLVD.

KEY SHEET

Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
Florida State
Certificate of Authority #29553

PROJ 21-128
ENGR EMB DRWN KP
DATE 12/02/2021
DRAWING NUMBER 1 REV 3

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AERIAL

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SITE PLAN NOTES:

1. Contractor is required to follow all state and local building and development codes and standards. All work within the County Right-¬Of-Way shall be in accordance with County Engineering Design Standards and Florida Department of Transportation's Standards for Road and Bridge Construction. Federal ADA requirements will supersede all conflicts with state and local standards. All deviations from the County Engineering Design Standards shall be specifically addressed in writing for review and approval by the County Engineer prior to right-of-way final. All other errors, omissions or conflicts with the site plan or specifications shall be resolved in favor of The County Engineering Design Standards.

2. All work or materials which do not conform to the specification of the County Engineering Design Standards or Florida Department of Transportation Standards Specifications for Road and Bridge Construction or any work performed without an inspection by a representative of the County Public Works Department is subject to removal and replacement at the contractor's expense.

3. All elevations are based on NAVD (1988).

4. The contractor is required to get all the necessary right-of-way permits and provide all necessary work zone controls and safety requirements for the project. Traffic controls are required for all work within the right-of-way. The county has adopted the Manual of Uniform Traffic Control Devices for Streets and Highways and requires a Maintenance of Traffic Permit to ensure compliance with these standards. A traffic maintenance plan is required from the contractor and must be approved by the County Transportation Department prior to starting work in the right-of-way. For more information the contractor should reference County Engineering Design Standards and the current version of section 600 and section 700 of F.D.O.T. Standard Specifications. Contractor's failure to comply with these requirements could result in the County imposing a stop work order on the project.

5. Contractor to note that design elevations for the right-of-way shown, on the plans may differ from the County's master design plan.

6. The contractor shall ensure that with all road improvements, the existing asphalt road edge is cut back a min. of 1 ft for the entire length of the asphalt widening to be constructed and any of the existing thermoplastic striping remaining along the cut edge will be ground off. The sub-base and cut edge are to be tack coated prior to the installation of the new asphalt, and that all new striping shall be thermoplastic and placed along the curb per M.U.T.C.D. specifications.

7. Concrete forms are required on both sides of all replacement curbs as outlined on the County Engineering Design Standards. Inspections shall be requested and approved prior to placement of concrete and/or asphalt in the County's right-of-way.

8. All broken and vertically misaligned sections of existing sidewalks and curb in the County right-of-way directly adjacent to this site that do not meet A.D.A. minimum requirements shall be replaced at the owner's expense.

9. Sidewalks passing through driveway aprons shall comply with latest version of the Federal A.D.A. See also F.D.O.T. index 515 pages 1-6 for more details.

10. Contractor shall install expansion joints at intervals of 100 ft. on center for all curb gutter and sidewalk installed in the right-of-way. Contraction joints are to be saw cut at 5' on center for sidewalks and 10' on center for curb. Expansion material is not to be placed between the back of the curb and the sidewalk or driveway apron. For additional details refer to F.D.O.T. indexes 300 and 310.

11. Requirements for materials test reports should be determined at the beginning of the project and should be available to the inspector at the time of required inspection. Contractor is responsible for all required testing of right-of-way improvements at the appropriate time during development to ensure compliance with minimum County design standards. Certified test reports are required for compaction of sub-grade and base course. In-place thickness of road base and asphalt for new road and/or alley construction is also required prior to an Engineering Right¬-Of-Way Final. Delay in receiving an approved right-of- way final could result in delays in receiving the Certificate of Occupancy for the completed project. Testing of improvements in the right-of-way is required to ensure compliance with the minimums of the design cross sections.

12. Contractor is responsible for restoration of all right-of- way disturbed or damaged during construction up and to the point that final approval is received from the County. Right-of-way, swale and other differences in grade including private property should be graded at a 4:1 slope. These areas shall be covered with hydro seed or sod. Sod only is to be placed along the edge of new or existing pavement and 10-feet in all directions around storm water inlets. This includes properties located across alleys improved as part of the project.

13. The contractor will be required to contact the Site Development and Review Division to coordinate the installation and inspections for rerouting of the County storm water system. After all of the new pipes and structure have been installed and approved by the County, the old pipes and any structures on the property must be removed. The contractor will be required to provide a surveyor to do the layout for installation of the new system.

14. The contractor shall provide erosion controls for the storm water system of the right-of-way at the start of construction. Controls must be maintained until the right-of-way construction is complete and responsibility for the work is accepted. Should the contractor's storm water protective system not be installed or fail the contractor shall upon completion clear and clean the entire storm sewer system to the canal. (See also Florida Storm water, Erosion and Sedimentation Control Inspection Manual for additional info.).

15. All signs in or adjacent to the County right of way that must be relocated shall be coordinated with the County traffic department. Stop signs must be maintained during construction by relocating the existing sign if possible, use a temporary sign or a combination of both. Please get in touch with the traffic department for relocation of signs, approval of new signs, and required striping of adjacent right-of-way. All right-of-way striping and signs must comply with the latest version of the M.U.T.C.D. All private traffic signs and stop bars are to be located on private property behind the County right-of-way line. Temporary street signs may be placed within the right-of-way to identify street locations. Coordination with the County Traffic Department is required.

16. The site contractor will be responsible to ensure that all above ground public utility structures in the right-of-way will be relocated to the utility easement behind the right-of-way line. This would include all types such as power poles, telephone connection boxes, switch gear boxes and any structures used to supply or support a public service not supplied by the County Utility. For all other utilities maintained by the contact the Utility Department.

17. All frames, covers, valve boxes and manholes shall be adjusted to finished grade upon completion of paving or related construction.

18. All work/materials that do not conform to local or state standards, or that are not properly inspected by a County representative are subject to removal, or replacement at the contractor's expense. All concrete within County R.O.W. must be 3000 P.S.I. minimum.

19. All property survey monuments in the right-of-way are to be in place and marked prior to requesting services for surveying lay out and/or inspections. All property corners and survey monuments shall be preserved. If a property corner or monument is disturbed or destroyed during construction, the property corners or monuments shall be restored with like and kind of materials prior to engineering final.

20. The contractor shall restore all County rights-of-ways disturbed or damaged prior to a County Site Development Review final.

FGUA GENERAL UTILITY NOTES:

1. All construction shall meet Lee County Standards and Specifications as applicable.
2. An FGUA representative is to be present during connections to existing facilities with 72-hour notification.
3. All utilities within the property lines will be owned and maintained by the property owner
4. Any utilities (pipes, valves, and associated hardware) to be conveyed to FGUA will be located within an existing public utility easement, right-of-way (ROW) and/or a dedicated FGUA utility easement
5. Any real property (lift stations, pump-houses, wells, etc.) will not be located within the ROW and will be conveyed to FGUA via a specific warranty deed.
6. Low pressure air test, and video inspection are required for the gravity collection system) - Water systems are tested to a minimum of 150psi for two-hour duration as per AWWA C 600 standards. Fire systems are not the FGUA responsibility.
7. Install 10-gauge tracer wire on all main pipelines. Wire to extend into each valve box with sufficient excess to bring wire three feet above finish grade.
8. All water and/or wastewater lines passing under paved areas will be constructed with a casing and shall apply with local or state DOT standards.
9. A Reduced Pressure Zone (RPZ), Backflow Prevention Assembly (BFP) is required. Acceptable models Febco 825Y, Watts 909, Wilkins 975XL, or Conbraco 400.
10. Full circle stainless steel tapping saddle sleeve with resilient seated tapping valve for proposed water and force main connections to be used.
11. Water tapping saddles to be double strap brass or ductile iron or epoxy coated steel with stainless steel hardware. Tie straps and bolts shall be corrosion resistant alloy steel.
12. All fire flow lines will run separate from the domestic water mains and have a fire detection meter and a Fire Line Backflow Prevention Assembly (BFP) assembly shall include a low flow BY-PASS meter w/ RPZ
13. Manhole frames & covers, and CO caps are to be water tight, if needed existing manhole tops are to be adjusted to proposed grade.
14. Inflow protection dishes are required for all manholes; stainless steel in paved areas, ABS in unpaved areas.
15. A cleanout shall be provided at the ROW /PL for all service connections
16. The FGUA shall own and maintain all water service lines up to the Point of Connection. All water mains shall be a minimum of four inches (4") in diameter and all such water mains shall be constructed in dedicated Rights-of-Way or appropriate utility Easements dedicated to the FGUA.
17. All sewer force main lines and gravity service lines accepted must be at least four inches (4") in diameter and eight inches (8"), respectively, except Lateral Sewer service lines which shall be no less than six inches (6") in diameter and accepted by the FGUA to a cleanout located on the edge of the Right-of-Way or an Easement.
18. A ball check valve followed by a plug valve will be installed on force mains located in PUE or R/W at the property line discharging from privately owned lift stations connecting into the utility mains
19. Connection to existing manholes and/or lift stations shall be by core bore with Kor-N-Seal connectors.
20. All connections will be made as hot taps. Any exceptions to this will require FGUA approval. All hot tap connections shall be performed by a licensed, underground contractor, with advance notification (72 Hours) to the FGUA Inspector
21. Backflow prevention devices shall be privately owned and maintained. BFPDs should be located outside of any FGUA easement or ROW /public easement. It is the sole responsibility of the property owner to maintain the device and provide annual testing certifications to the FGUA.

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712 LEELAND HGTS BLVD.

GENERAL NOTES

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Structural - Civil - Consulting
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www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
Florida State
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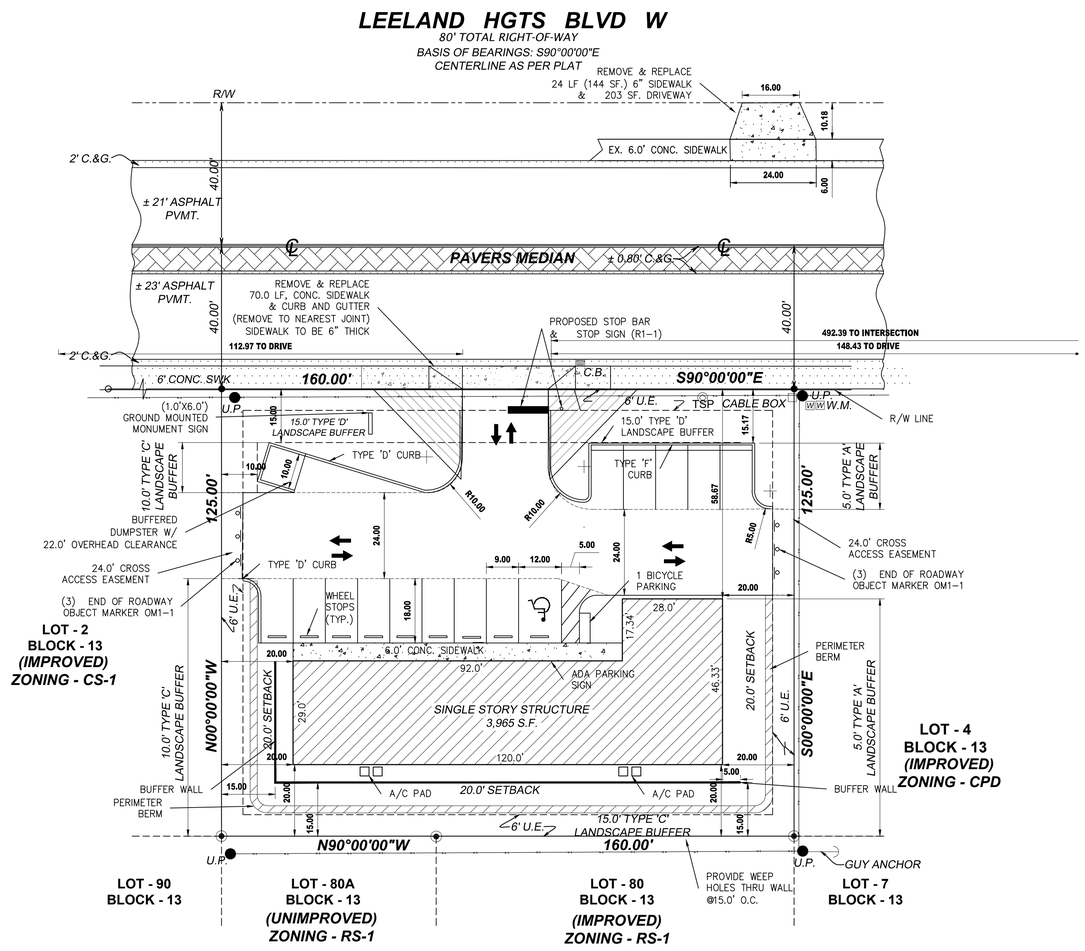
GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.



LDC 10-261(a) WASTE COLLECTION
0-5000 SF BLDG. = 60 SF GARBAGE & 24 SF RECYCLE
AREA PROVIDED 10.0'X10.0' = 100 SF > 84 SF.
LDC 10-610(d)(3)a BICYCLE PARKING
5% OF 14 SPACES = 0.7 SPACES
1 BICYCLE SPACE PROVIDED

PROJECT SUMMARY:

EXISTING LAND USE: CS-1 SPECIAL COMMERCIAL OFFICE DISTRICT

LAND USE BREAKDOWN:

DEVELOPMENT AREA:

TOTAL SITE AREA	20,000.00 S.F.	0.46 ACRES

PROPOSED CONDITIONS: (ACREAGE ALLOCATION TABLE)

BUILDING AREA	3,965.00 S.F.	0.091 AC.	19.83 %
CONCRETE	440.00 S.F.	0.010 AC.	2.20 %
PAVEMENT	6,865.28 S.F.	0.157 AC.	34.32 %
TOTAL IMPERVIOUS AREA:	11,270.28 S.F.	0.26 AC.	56.35 %
OPEN SPACE	8,729.72 S.F.	0.20 AC.	43.65 %
TOTAL PERVIOUS AREA:	8,729.72 S.F.	0.20 AC.	43.65 %

FLOOD ZONE : X, ELEVATION N/A
COMMUNITY: 125124
PANEL: 0475
SUFFIX: F
DATE OF FIRM: 08/28/2008

FLOOD EL. PER NAVD 88
NGVD 29 = NAVD 88 + 1.18'

PARCEL STRAP # : 32-44-27-02-00013.0030
FOLIO #: 10390930

TOWNSHIP 44, RANGE 27E, SECTION 32

SITE DEVELOPMENT REGULATIONS:
MINIMUM SETBACK: BUILDING

FRONT: 25 FEET.
SIDE: 20 FEET.
REAR: 20 FEET.

PARKING CALCULATIONS:
OFFICE:
OFFICE = 1 SPACE PER 300 SF

PARKING REQUIRED:
OFFICE = 3965 SF @ 300 SF/ SPACE = 13.22 SPACES
14 SPACES REQUIRED

PARKING PROVIDED:
9'X18' STANDARD SPACES = 13 SPACES
12'X18' HANDICAP = 1 SPACE
TOTAL PARKING PROVIDED = 14 SPACES

BUILDING:
SINGLE STORY
HEIGHT = 26 FEET

FIRE HYDRANTS:
HYDRANT LOCATED 59' NORTH OF NORTHEAST
PROPERTY CORNER.

GENERAL NOTES:
1. ALL CONSTRUCTION TO BE TYPE IIIB CONSTRUCTION
2. ALL PAVEMENT MARKINGS TO BE PAINTED
3. THE CONTRACTOR SHALL CONFORM WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"
4. PROPERTY INFORMATION AND ELEVATIONS SHOWN ARE REFERENCED FROM GEOMETRIC SURVEYING, INC. SURVEYING DRAWING NO. 21-02516,FIELD DATE: 03/18/24 ELEVATIONS ARE N.A.V.D. '88
5. ALL ROOF RUNOFF SHALL BE DIRECTED TO THE STORMWATER FACILITY.
6. LEE PLANS CONSISTENCE STATEMENT, ALL SITE AND BUILDING PLANS ARE IN COMPLIANCE WITH APPLICABLE LEE PLAN STANDARDS AND PROVISIONS.
7. INSTALL NEW 8.0' CONCRETE BUFFER WALL. (UNDER SEPERATE PEREMIT (±164.00 LF.)

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SITE PLAN

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Structural - Civil - Consulting
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Cape Coral, FL 33904
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Edward M Blot
Professional Engineer
FL No 72816
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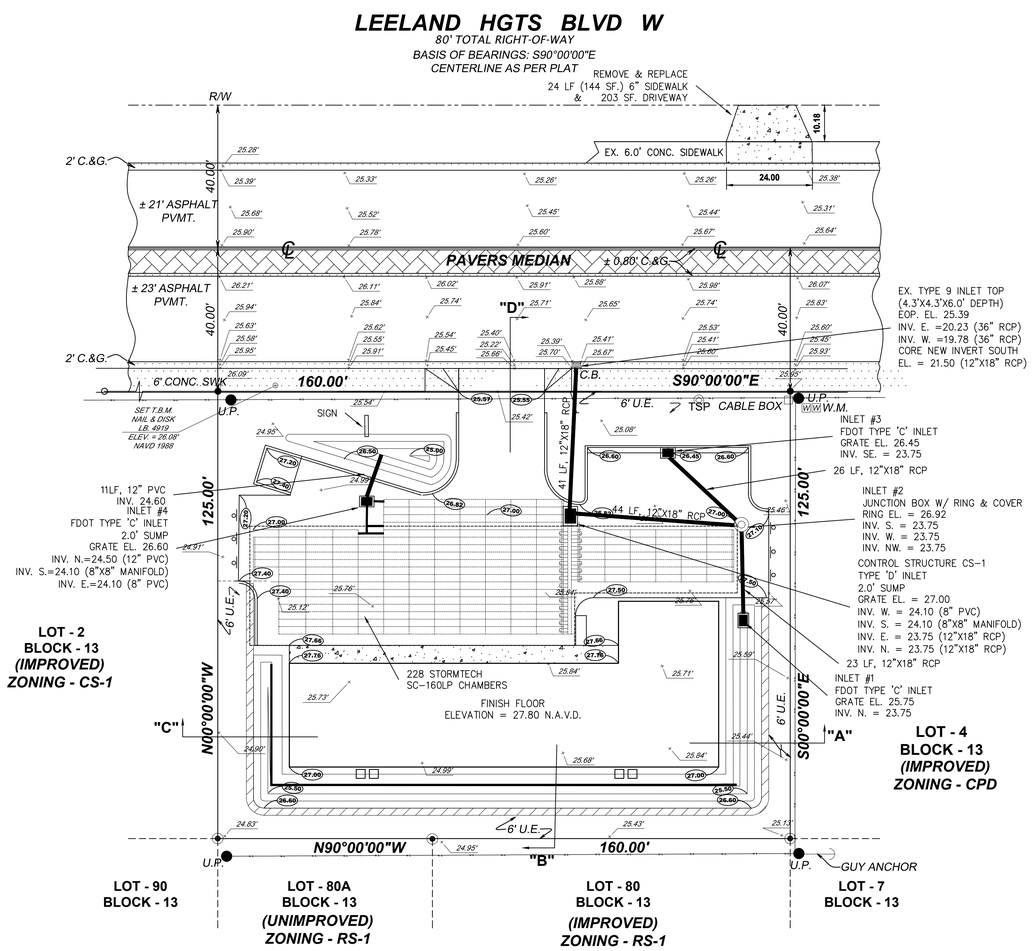
ADD2025-00062 Lee County ePlan

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.



GENERAL NOTES:

1. ELEVATIONS SHOWN REFER TO N.A.V.D. (1988).
2. PROVIDE MINIMUM 18" VERTICAL CLEARANCE BETWEEN ALL WATER MAINS AND CULVERT PIPE CROSSINGS BY LOWERING THE WATER MAIN, IF REQUIRED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE GRADING IN AREAS NOT PROVIDED WITH ELEVATION CONTROL TO PREVENT STANDING WATER.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING SERVICE OF ALL EXISTING UTILITIES PRIOR TO AND DURING CONSTRUCTION.
5. IT IS THE CONTRACTORS RESPONSIBILITY TO RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGIONAL CONDITION.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT 2021 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ITS SUPPLEMENTS.

WATER QUALITY CALCULATIONS:
FIRST 1": 0.46 ACRES @ 1" = 0.0383 AC-FT.

2.5" TIMES PERCENT IMPERVIOUS AREA:

SITE AREA: 0.46 AC - 0.091 AC (ROOF AREA) = 0.369 AC

IMPERVIOUS AREA: 0.369 - 0.200 AC (PERVIOUS) = 0.169 AC.

PERCENT IMPERVIOUS = IMP. AREA/SITE AREA * 100%

0.169 AC/ 0.46 AC= 0.3674 * 100 = 36.74%

2.5" X IMPERVIOUS

2.5 IN. * 36.74% = 0.91"
VOLUME = (1" CONTROLS)
1.0" X 0.46 = 0.46* 1'/12" = 0.0383 AC-FT

WET DETENTION REQUIRED = 0.0383 AC-FT
DRY DETENTION REQUIRED (75% WET) = 0.0288 AC-FT

WATER VOLUME REQUIRED = 0.0288 AC-FT = 1,252 CU-FT.

VOLUME PROVIDED @ EL. 25.33 = 1,380 CU-FT. > 1,252 CU-FT.

STORM WATER MANAGEMENT DATA:

PROPOSED CONTROL ELEVATION = 24.25 FT. NAVD

5-YR. DHWL = 25.61 FT. NAVD; MIN. ROAD = 26.30 FT. NAVD
25-YR. DHWL = 26.55 FT. NAVD; MIN. PERIMETER BERM = 26.60 FT. NAVD
100-YR. DHWL = 27.31 FT. NAVD; MIN. FINISH FLOOR ELEV. = 27.80 FT. NAVD

LEGEND

22.00 EXISTING GRADES

ELEV PROPOSED GRADES

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DRAINAGE PLAN

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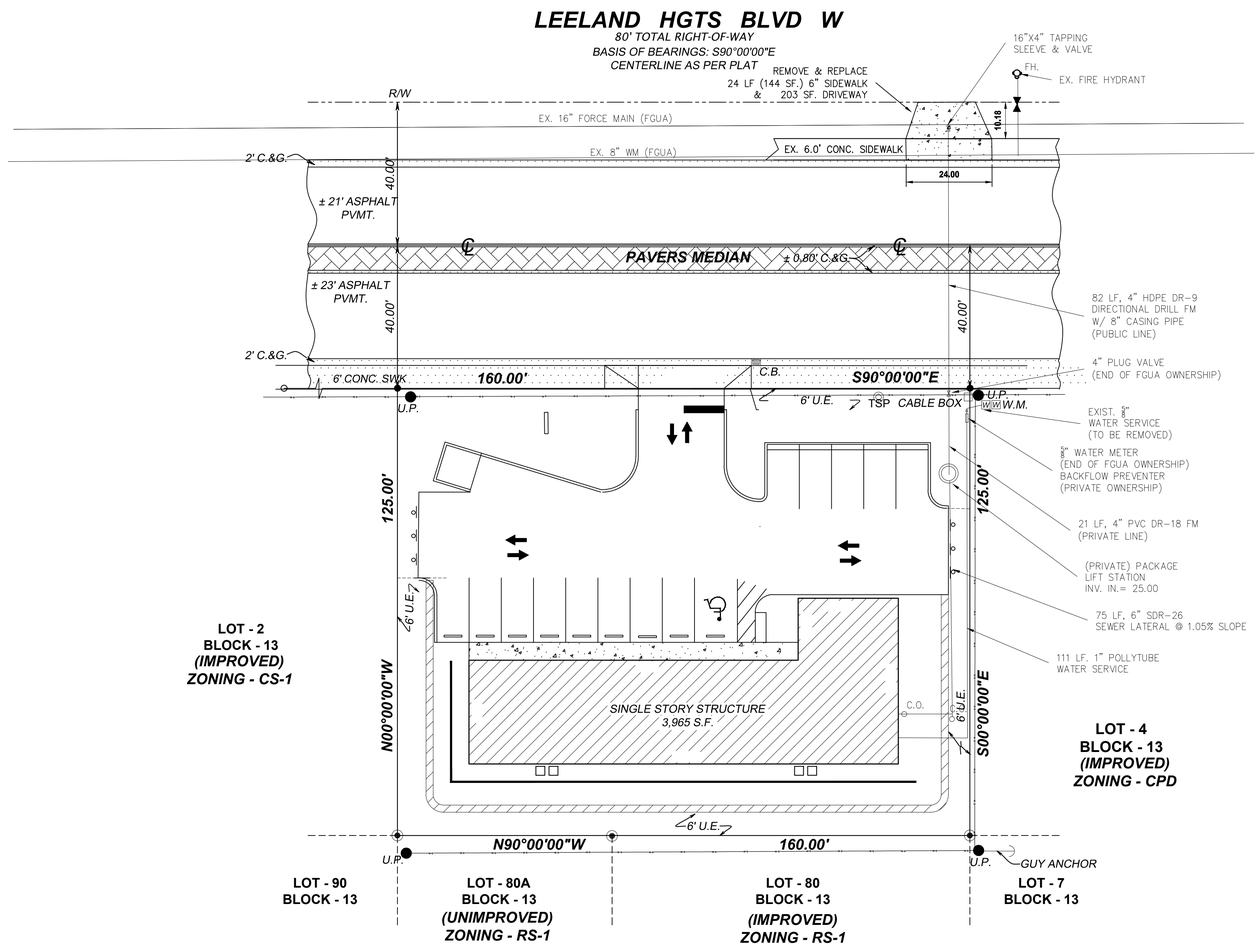
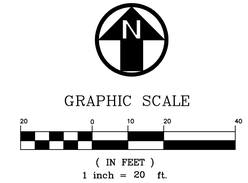




GENERAL NOTES:

1. PROVIDE MINIMUM 18" VERTICAL CLEARANCE BETWEEN ALL WATER MAINS AND CULVERT PIPE CROSSINGS BY LOWERING THE WATER MAIN, IF REQUIRED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING SERVICE OF ALL EXISTING UTILITIES PRIOR TO AND DURING CONSTRUCTION.
3. NOTIFICATION TO UTILITIES IS REQUIRED 48 HOURS PRIOR TO CONNECTION TO UTILITY MAINS OR SANITARY SEWER FACILITIES.
4. CONTRACTOR MUST COMPLY WITH THE FLORIDA TRENCH SAFETY ACT.
5. REFERENCE FGUA LOA ID# 22-031LED FOR APPROXIMATE LOCATIONS FOR SEWER FORCE MAIN AND POTABLE WATER MAIN.

Lehigh Acres Fire Control and Rescue District

636 Thomas Sherwin Ave S
Lehigh Acres, FL 33974

Fire Flow Test

Inspector: K Bennett Date: 5/19/2023 Time: 1037 hrs

Requested By: Ed Blot, PE
Blot Engineering Inc
2804 S Del Prado Blvd, Suite 101
Cape Coral, FL 33904

Location of Test Hydrant: Static LEH00144 - 709 Leeland Heights Blvd W

Location of Test Hydrant: Flow LEH00242 - 801 Leeland Heights Blvd W

HYDRANT FLOW TEST RESULTS

Static Pressure =	49	psi		
Residual Pressure =	45	psi		
	Outlet No. 1		Outlet No. 2	
Inside Diameter of Hydrant Outlet =	2.5	inches	2.5	inches
Discharge Coefficient of Hydrant Outlet =	0.9		0.9	
Pitot or Pressure Gage Reading =	30	psi	0	psi
Test Flow =	919.04	G.P.M.	0.00	G.P.M.
Combined Flow of Outlet's No. 1 & 2 =			919.04	G.P.M.
Desired Fire Flow Pressure =	20.00	psi		
Available Fire Flow @ 20 psi =	**2,678.67**	G.P.M.		

Coefficients: 0.7 - Squared Butt / 0.8 - Smooth Squared Butt / 0.9 - Smooth and Rounded Butt

Test Duration / Minutes	Mins	9
Estimated Water Used for Test	Gallons	9,271

The results of this inspection/test are valid for a period not to exceed 180 days from the date noted above. Any questions or comments regarding this inspection/test should be directed to the Fire Inspector noted above by calling 239-303-5335 or by visiting the Lehigh Acres Fire Control and Rescue District Station 105, Life Safety Management Division located at 636 Thomas Sherwin Ave S, Lehigh Acres, FL 33974.

Page 1 of 3

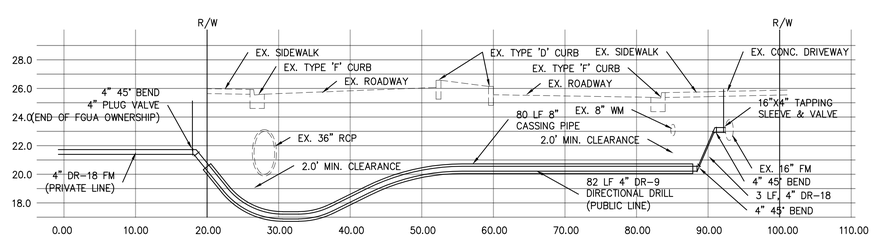
FIRE FLOW CALCULATIONS :(REF. NFPA 1, CHAPTER 18, 2015)
FIRE FLOW AREA = 3965 SF.
TYPE III B CONSTRUCTION
FLOW DURATION; FD=2 HOURS (PER TABLE 18.4.5.2.1)
FIRE FLOW REQUIRED = 1500 G.P.M. (PER TABLE 18.4.5.2.1)

FIRE FLOW PROVIDED = 2678 G.P.M. >1500 G.P.M. REQUIRED

ESTIMATED FLOW DEMAND (DAILY USAGE):
POTABLE WATER: 300 GAL/DAY

SANITARY SEWER: 595 GAL/ DAY

IRRIGATION WATER:
PERVIOUS AREA OF 0.46 ACRES WITH AN APPLICATION RATE OF 27,000 GAL PER ACRE PER WEEK GENERATES A DEMAND OF 12,420 GALLONS PER WEEK. IRRIGATION WATER SHOULD BE APPLIED AT A RATE OF 6210 GAL/DAY TWO DAYS PER WEEK.



FORCEMAIN PROFILE
SCALE: 1"=10.0' HOR. 1"=5.0' VERT.

REV	DATE	DESCRIPTION	DWN	CHK
3	5/12/25	REVISED PER COUNTY COMMENTS	KP	EB
2	02/17/25	REVISED PER COUNTY COMMENTS	KP	EB
1	06/11/24	REVISED PER COUNTY COMMENTS	KP	EB
0	08/02/23	ISSUED FOR SFD APPROVAL	KP	EB
Δ	01/29/23	ISSUED FOR REVIEW	KP	EB

SIMILY COMMERCIAL CENTER
712 LEELAND HGTS BLVD.

UTILITY PLAN

Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
Florida State
Certificate of Authority #29553

PROJ 21-128
ENGR EMB DRWN KP
DATE 12/02/21
DRAWING NUMBER 6 REV 3

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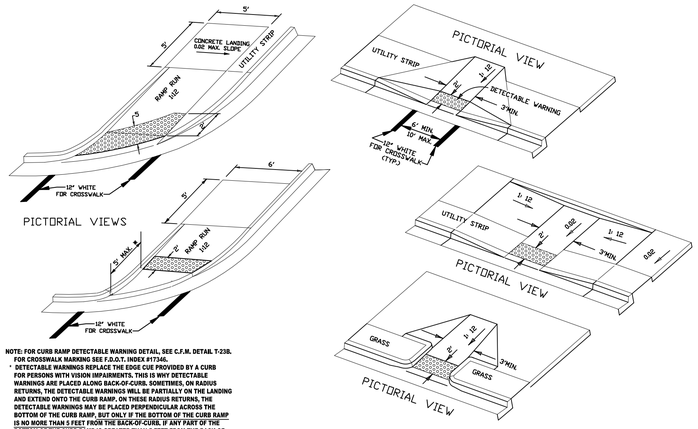
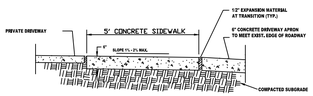


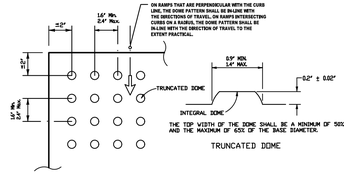
NOTE: FOR CURB RAMP DETECTABLE WARNING DETAIL, SEE C.F.M. DETAIL T-23B. FOR CROSSWALK MARKING SEE F.D.O.T. INDEX #17346.

* DETECTABLE WARNINGS REPLACE THE EDGE CUE PROVIDED BY A CURB FOR PERSONS WITH VISION IMPAIRMENTS. THIS IS WHY DETECTABLE WARNINGS ARE PLACED ALONG BACK-OF-CURB. SOMETIMES, ON RADIUS RETURNS, THE DETECTABLE WARNINGS WILL BE PARTIALLY ON THE LANDING AND EXTEND ONTO THE CURB RAMP. ON THESE RADIUS RETURNS, THE DETECTABLE WARNINGS MAY BE PLACED PERPENDICULAR ACROSS THE BOTTOM OF THE CURB RAMP, BUT ONLY IF THE BOTTOM OF THE CURB RAMP IS NO MORE THAN 5 FEET FROM THE BACK-OF-CURB. IF ANY PART OF THE BOTTOM OF THE CURB RAMP IS GREATER THAN 5 FEET FROM THE BACK-OF-CURB, THE DETECTABLE WARNINGS MUST BE PLACED ALONG THE BACK-OF-CURB.

STANDARD SIDEWALK SECTION
OTHER THAN AT DRIVEWAY

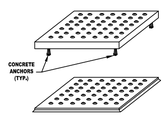


6" CONCRETE SIDEWALK & DRIVEWAYAPRON
FOR SINGLE FAMILY/DUPLEX
STANDARD SIDEWALK SECTION AT DRIVEWAY



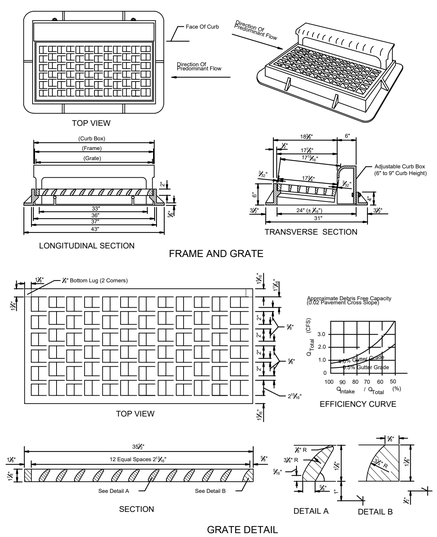
ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES FROM THE BACK OF CURB, F.D.O.T. STANDARD INDEX 304.

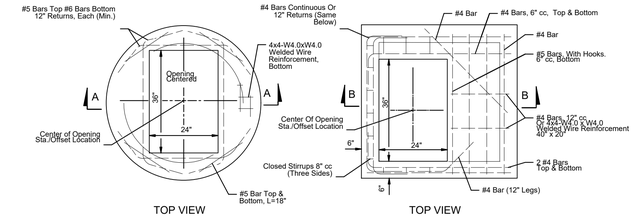
CURB RAMP DETECTABLE WARNING DETAIL

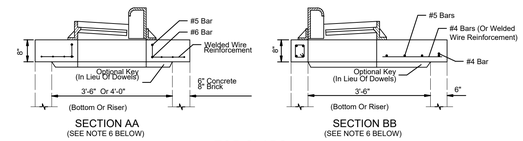


CITY OF FORT MYERS REQUIREMENTS FOR CITY PROJECTS
(CAST-IN-PLACE COMPOSITE TACTILE)

F.D.O.T. REQUIREMENTS FOR ALL STATE FUNDED PROJECTS
(SURFACE MOUNT COMPOSITE TACTILE)



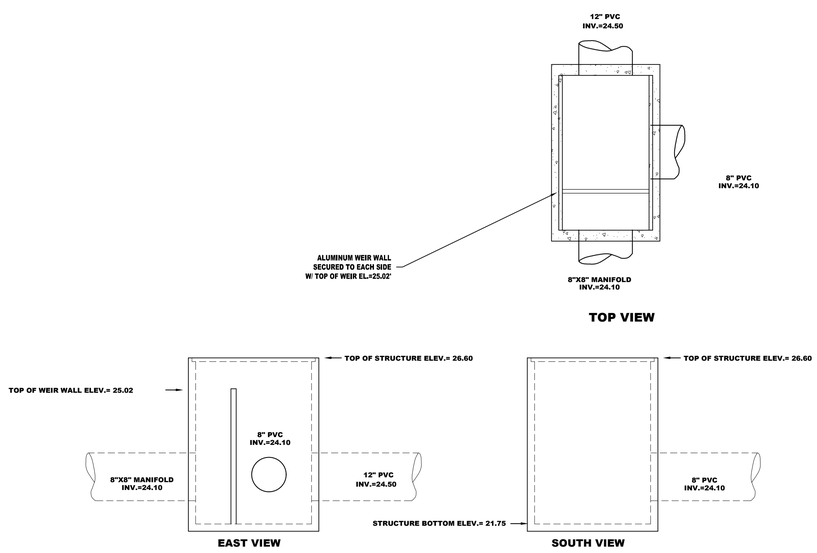




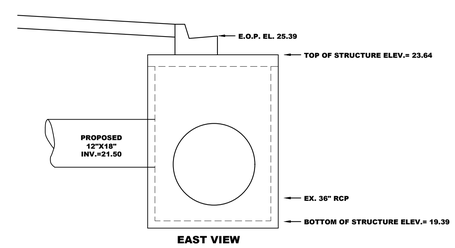
TOP SLABS

GENERAL NOTES

1. This inlet is primarily intended for locations with light to moderate flows where right of way does not permit the use of throated Curb Inlets Types 1 through 6. The typical application is on curb returns to city streets. The inlet grate is suitable for pedestrian and bicycle traffic.
2. This inlet to be located outside of curb ramp area in vertical faced curbs such as Curb and Gutter Type F. Grate shall be oriented with vanes directed toward Predominant flow.
3. For structure bottoms see Index No. 200. For supplemental details see Index No. 201.
4. All steel in slab tops shall have 1½" minimum cover unless otherwise shown. Tops shall be either cast-in-place or precast concrete.
5. For Alternate B applications, top slab openings shall be placed such that 2 edges of inlet frame will be located directly above bottom wall or riser wall.
6. When used on a structure with dimensions larger than those detailed above and risers are not applied, the top slab shall be constructed using Index No. 200 with the slab opening adjusted to 24"x36". The "Special Top Slab" on Index No. 200 is not permitted.
7. Frame may be adjusted with one to six courses of brick.
8. Vaned grates with approximately equal openings will be permitted that satisfy AASHTO HL-93 loading. Grates shall be reversible, right or left.



INLET #4
(F.D.O.T. TYPE "C" INLET)
NOT TO SCALE



EXISTING TYPE 9 CURB INLET
NOT TO SCALE

REV	DATE	DESCRIPTION	DWN	CHK
3	5/12/25	REVISED PER COUNTY COMMENTS	KP	EB
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PROJ 21-128
ENGR EMB DRWN KP
DATE 12/02/21
DRAWING NUMBER 7 REV 3

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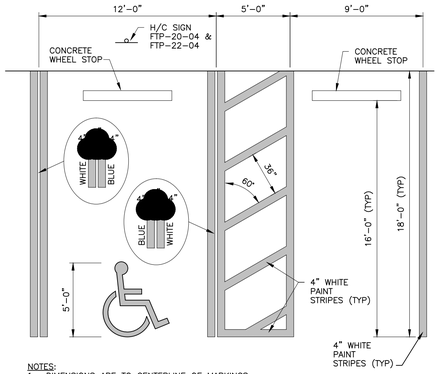
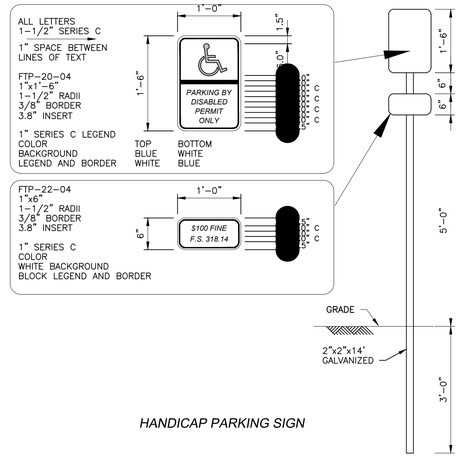
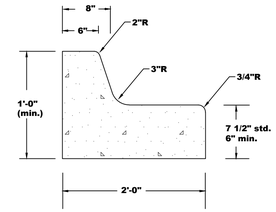


NOTES:
1. DIMENSIONS ARE TO CENTERLINE OF MARKINGS.
2. BLUE PAVEMENT MARKINGS SHALL BE TINTED TO MATCH 15180 OF FEDERAL STANDARDS 595a.
3. THE FTP-22-04 PANEL SHALL BE MOUNTED BELOW THE FTP-20-04 SIGN.

HANDICAP PARKING STRIPING



HANDICAP PARKING SIGN



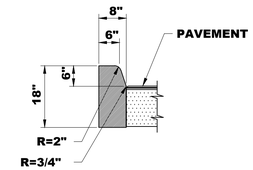
When used on high side of roadways and parking areas, the cross slope of the gutter shall match the cross slope of the adjacent pavement. The curb height shall be 6" unless otherwise shown on the plans.

TYPICAL TYPE F CURB

NOT TO SCALE BPCF

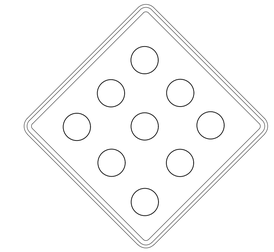
CONTRACTOR NOTE:

1. ALL UNPAVED AREAS WITHIN THE RIGHT OF WAY SHALL RECEIVE SOD.
2. CONCRETE SHALL BE 4000 PSI 28 DAY BREAK STRENGTH.
3. REBAR SHALL BE GRADE 60.

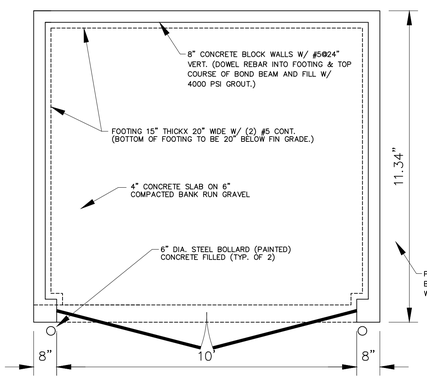


TYPE 'D' CURB

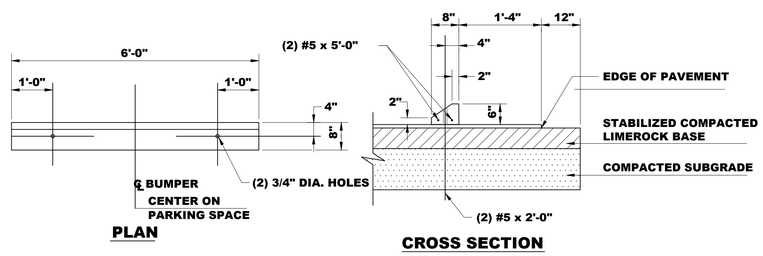
N.T.S.



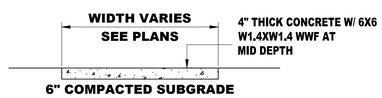
OBJECT MARKER
OM1-1



DUMPSTER DETAIL
N.T.S.

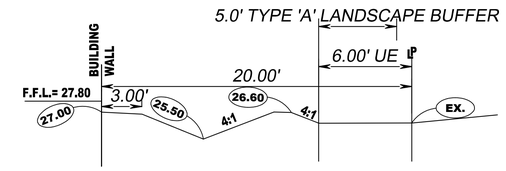


PARKING BUMPER DETAIL

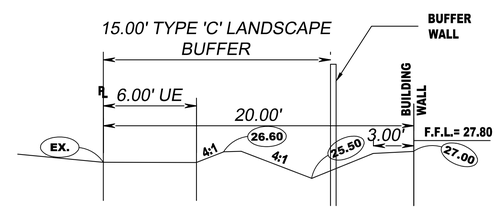


CONCRETE SIDEWALK DETAIL
N.T.S.

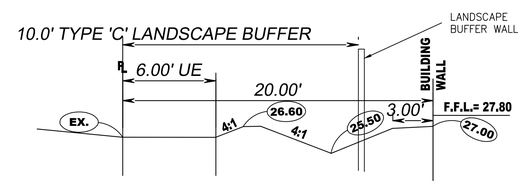
NOTE:
PROVIDE 1/8"-1/4" CONTRACTION JOINTS @ INTERVALS EQUAL TO WIDTH.



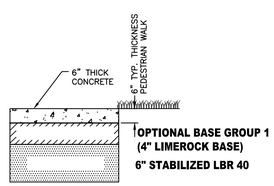
SECTION 'A'-'A'
N.T.S.



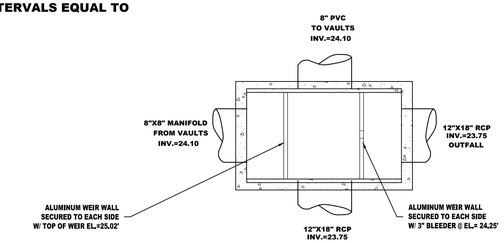
SECTION 'B'-'B'
N.T.S.



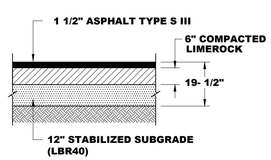
SECTION 'C'-'C'
N.T.S.



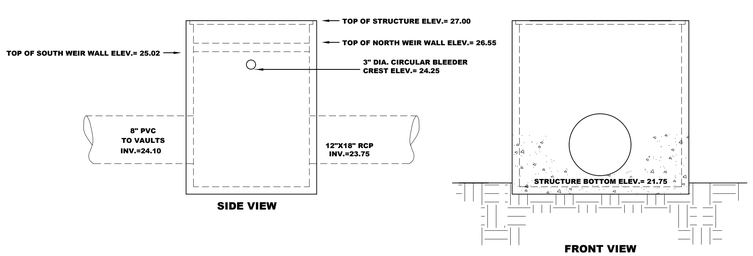
6" SIDEWALK DETAIL
N.T.S.



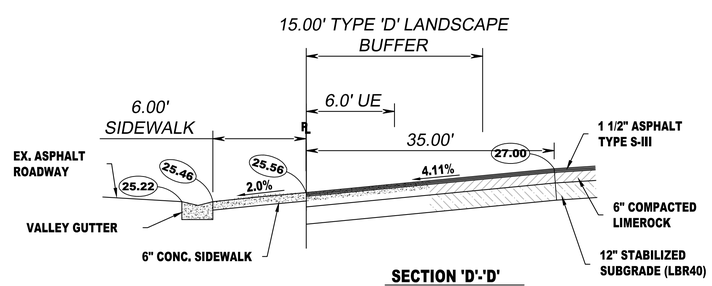
TOP VIEW



ON-SITE PAVEMENT SECTION
N.T.S.



CONTROL STRUCTURE, CS 1
(F.D.O.T. TYPE "D" INLET)
NOT TO SCALE



SECTION 'D'-'D'
N.T.S.

REV	DATE	DESCRIPTION	DWN	CHK
3	5/12/25	REVISED PER COUNTY COMMENTS	KP	EB
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DRAWING NUMBER 8 REV 3

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N.T.S.

1. CONCRETE PAD (SEE VALVE INSTALLATION DETAIL)
2. SET TOP OF BOX FLUSH WITH FINISHED GRADE
3. EXTENSION STEM IF TOP OF OPERATING NUT IS MORE THAN 30" BELOW FINISH GRADE
4. VALVE BOX (SEE VALVE INSTALLATION DETAIL)
5. OUTLET FOR TESTING
6. MJ RESTRAINED
7. MAIN SIZE VARIES
8. TAPPING VALVE (SEE VALVE INSTALLATION DETAIL)
9. LCU APPROVED ALL STAINLESS STEEL PRESSURE RATED TAPPING SLEEVE. FOR SIZE ON SIZE TAPS A FLANGED TAPPING SLEEVE IS REQUIRED. SPRING LOADED TAPPING SLEEVE IS REQUIRED WHEN CONNECTING TO HDPE (SEE APPROVED MATERIAL LIST).
10. BRASS PLATE (SEE VALVE INSTALLATION DETAIL)
11. CAST IRON DROP COVER MARKED "WATER","SEWER", OR "REUSE"
12. COMPACTED SUITABLE EARTH BACKFILL
13. 3/4" GRANULAR MATERIAL #57 STONE
14. 12 GAUGE DOUBLE INSULATED COPPER LOCATING WIRE (SEE LCU STANDARD DETAIL)

REV: 12/10/2015

N.T.S.

1. BRASS PLATE: SIZE OF VALVE, VALVE TYPE No. OF TURNS & DIRECTION TO OPEN VALVE M.F.G. & YEAR INSTALL SYSTEM "WATER" OR "SEWER" OR "REUSE" OR "FIRE"
2. ANCHOR
3. EIGHT (8) #4 BARS OVERLAP EACH CORNER BY 2"
4. 30"SQ X 4" THK.CONC.PAD SURROUNDING BOX, MIN. 3,000 P.S.I. POURED IN PLACE
5. SET TOP OF BOX FLUSH WITH FINISHED GRADE
6. HEAVY DUTY TRAFFIC BEARING CAST IRON VALVE BOX, ADJUSTABLE SCREW TYPE, 5 1/4" DIAMETER SHAFT THAT IS LCU APPROVED
7. EXTENSION STEM WITH 2" OPERATING NUT AS REQUIRED, IF NUT IS MORE THAN 30" BELOW FINISH GRADE
8. RISER NOT TO BEAR ON VALVE OR PIPE
9. CAST IRON DROP COVER MARKED "WATER" OR "SEWER" OR "REUSE OR "FIRE"
10. COMPACTED SUITABLE EARTH BACKFILL
11. 3/4" GRANULAR MATERIAL #57 STONE
12. 12 GAUGE DOUBLE INSULATED COPPER LOCATING WIRE (SEE LCU STANDARD DETAIL)

REV: 12/10/2015

N.T.S.

1. EXCAVATED TRENCH
2. FINISHED GRADE
3. MARKING TAPE 12" DEPTH MAX.
4. MATERIALS CLEAN DRY SAND, FINE LIME ROCK OR PIT SHELL MECHANICALLY COMPACTED IN 6" LIFTS TO AT LEAST 95% OF MAX. DENSITY, OR 98% IF UNDER PAVED AREA OF ROADWAY.
5. #57 STONE LOCATED UNDER PIPE OR EXISTING UNDISTURBED SUITABLE MATERIAL
6. SPRING LINE
7. STANDARD 8" MIN TRENCH UNDERCUT AND BACKFILL WITH #57 STONE COMPACTED IN 6" LIFTS ADDITIONAL UNDERCUT AND CRUSHED ROCK BEDDING FOUNDATION WHEN DIRECTED BY L.C.U. THE CONTRACTOR IS TO REMOVE UNSTABLE MATERIAL FROM THE TRENCH FOUNDATION. THEN INSTALL STABILIZED CRUSHED ROCK BACKFILL WITH #57 STONE COMPACTED IN 6" LIFTS
8. LOCATING WIRE IS REQUIRED FOR ALL PRESSURIZED PIPELINES.

REV: 12/10/2015

N.T.S.

1. EDGE OF PAVEMENT
2. PROPOSED HDD ALIGNMENT
3. EXISTING RIGHT-OF-WAY
4. EXISTING UTILITY
5. STANDARD TRENCH DEPTH
6. PAVED ROADWAY SURFACE
7. EXISTING UTILITY
8. LENGTH OF HDD
9. 2' MINIMUM CLEARANCE
10. 30" MIN. / 48" MAX.
11. PROPOSED HDD ALIGNMENT

HDD INSTALLATION NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LEE COUNTY UTILITIES DESIGN MANUAL.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF AFFECTED AGENCIES AND COORDINATION WITH ALL UTILITIES PRIOR TO CONSTRUCTION.
3. ALL CONSTRUCTION MATERIALS, INCLUDING DRILLING FLUID, SHALL BE REMOVED FROM THE SITE PRIOR TO RESTORATION OF DISTURBED AREAS.
4. ALL RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE LCU DESIGN MANUAL.
5. CASING DIAMETER SHALL BE IN ACCORDANCE WITH THE LCU DESIGN MANUAL.
6. NO CASING SPACERS REQUIRED.
7. WHEN CASING IS REQUIRED INSTALL 1" HDPE PIPE ATTACHED TO THE CARRIER PIPE WITH 12 GAUGE DOUBLE INSULATED COPPER WIRE INSIDE THE HDPE PIPE.

REV: 12/10/2015

N.T.S.

NOTES:

CONTRACTOR/CUSTOMER SHALL APPLY AT LEE COUNTY UTILITIES FOR TEMPORARY WATER SERVICE FIVE DAYS PRIOR TO REQUIRED SERVICE DATE. THE METER ONLY WILL BE FURNISHED BY LEE COUNTY UTILITIES. ALL FITTINGS, PIPING, VALVES AND MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR/CUSTOMER. THE APPROVED BACKFLOW PREVENTION DEVICE SHALL BE TESTED AND CERTIFIED BY LEE COUNTY UTILITIES APPROVED CERTIFIED BACKFLOW PREVENTION TECHNICIAN (FURNISHED BY CONTRACTOR/CUSTOMER) AT TIME OF METER INSTALLATION. CONTRACTOR/CUSTOMER SHALL PROTECT THE ASSEMBLY FROM DAMAGE. TEMPORARY CONSTRUCTION JUMPER/METER ASSEMBLY SHALL NOT BE REMOVED UNTIL SYSTEM IS ACCEPTED AND DEPARTMENT OF HEALTH CERTIFICATION AND CLEARANCE FOR SERVICE FORM HAS BEEN RECEIVED BY LEE COUNTY UTILITIES. WHEN THE NEW SYSTEM IS ACCEPTED, THE TEMPORARY CONSTRUCTION JUMPER METER ASSEMBLY MUST BE COMPLETELY REMOVED DOWN TO CORP STOPS.

1. TAPPING SLEEVE AND VALVE TO BE FULLY RESTRAINED ON EXISTING MAIN (SEE LCU STANDARD DETAIL)
2. GRADE
3. PROPERTY LINE AND/OR RIGHT OF WAY LINE
4. BRONZE BALL VALVE
5. METER FURNISHED BY LEE COUNTY UTILITIES
6. REDUCED PRESSURE BACKFLOW PREVENTER
7. PIPE STAND (SEE LCU STANDARD DETAIL)
8. 2" DIA. HDPE DR9
9. 2" DIA. CORPORATION STOP
10. 2" DIA. CURB STOP

REV: 12/10/2015

N.T.S.

1. FINISHED GRADE
2. METER BOX WITH COVER TO BE LOCATED INSIDE R.O.W. @ PROPERTY LINE & CLEAR OF DRIVEWAYS.
3. POLYETHYLENE TUBING, PE 3408, 200PSI, SDR9, BLUE (SEE APPROVED MATERIAL LIST)
4. STRAIGHT CURB STOP WITH PADLOCK WINGS CONNECTED TO LEE COUNTY WATER METER (SEE APPROVED MATERIAL LIST)
5. 3/4" POLYETHYLENE TUBING, PE 3408, 200 PSI, SDR 9, BLUE (SEE APPROVED MATERIAL LIST) WITH LOCATING WIRE
6. 1" POLYETHYLENE TUBING, PE 3408, SDR 9, BLUE (SEE APPROVED MATERIAL LIST) WITH LOCATING WIRE
7. MIN. 22 1/2" NOT TO EXCEED 45°
8. BALL CORPORATION STOP (SEE APPROVED MATERIAL LIST)
9. BRASS "Y" OR "T" CONNECT (SEE APPROVED MATERIAL LIST)
10. DOUBLE STRAP SERVICE SADDLE PROVIDE SPRING LOADED TAPPING SADDLE WHEN TAPPING HDPE (SEE APPROVED MATERIAL LIST)
11. WATER MAIN

NOTES:

1. TUBING UNDER ROADWAY SHALL BE ENCASED IN 4" P.V.C. PIPE SCHEDULE 40 MINIMUM AND EXTEND 4 FEET BEYOND THE EDGES OF PAVEMENT OR BACK OF CURB.

REV: 12/10/2015

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3	5/12/25	REVISED PER COUNTY COMMENTS	KP	EB
2	02/17/25	REVISED PER COUNTY COMMENTS	KP	EB
1	06/11/24	REVISED PER COUNTY COMMENTS	KP	EB
0	08/02/23	ISSUED FOR SFD APPROVAL	KP	EB
Δ	01/29/23	ISSUED FOR REVIEW	KP	EB

SIMILY COMMERCIAL CENTER
712 LEELAND HGTS BLVD.

UTILITY DETAILS

Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
Florida State
Certificate of Authority #29553

PROJ 21-128
ENGR EMB DRWN KP
DATE 12/02/21
DRAWING NUMBER 9 REV 3

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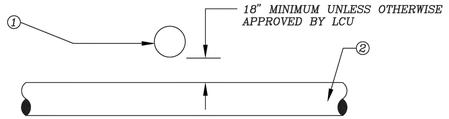
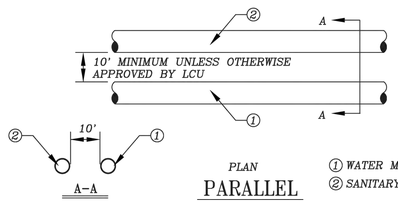


SECTION
CROSSINGS

1 WATER MAIN
2 SANITARY SEWER MAIN

NOTE: IF LESS THAN 18" CLEARANCE ENCASE WATER MAIN IN STEEL CASING

N.T.S.



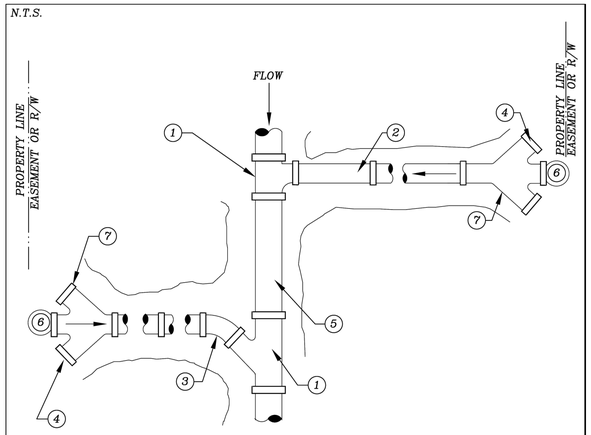
PLAN
PARALLEL

1 WATER MAIN
2 SANITARY SEWER MAIN

NOTE: IF LESS THAN 10' CLEARANCE ENCASE WATER MAIN IN STEEL CASING

REV: 12/10/2015

N.T.S.

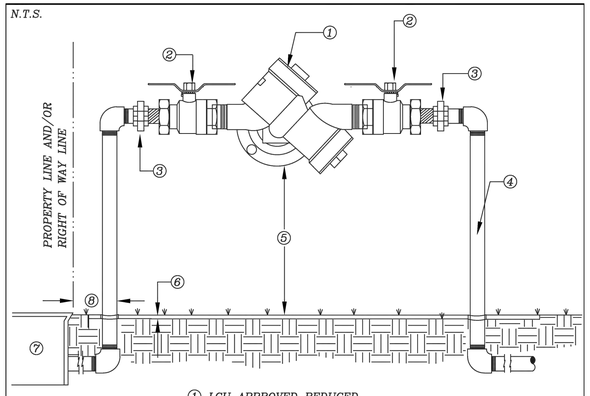


NOTE: 1. SEE SPECS FOR DETAILS OF PIPE AND FITTINGS.

1 STANDARD WYE OR SANITARY TEE
2 PVC SEWER SERVICE LINE
3 SHORT RADIUS 45° BEND WITH WYE FITTINGS
4 PLUG ENDS WITH HEAVY WALL PVC CAPS (TYP.)
5 5' MIN. PIPE BETWEEN FITTINGS
6 6" OR 8" CLEANOUT
7 DOUBLE 45° WYE (SIZE TBD)

REV: 08/28/2019

N.T.S.

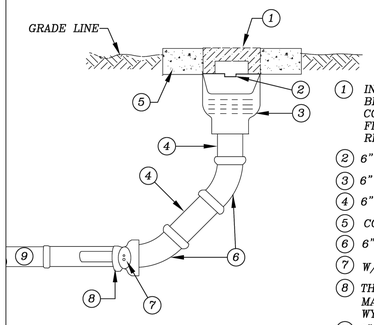


1 LCU APPROVED REDUCED PRESSURE BACKFLOW PREVENTION DEVICE (SEE APPROVED MATERIAL LIST)
2 FULL FLOW BRONZE BALL VALVE
3 UNION
4 ALL PIPING AND FITTINGS SHALL BE BRASS OR COPPER
5 12"MIN.–24"MAX. UNLESS OTHERWISE APPROVED BY LCU
6 FINISHED GRADE
7 METER BOX
8 2' MAXIMUM

NOTES: 1. UNIONS REQUIRED
2. INITIAL AND ANNUAL DEVICE TESTING REQUIRED

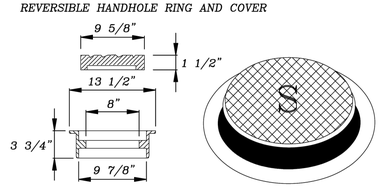
REV: 12/10/2015

N.T.S.



1 IN ALL CASES USE TRAFFIC BEARING HANDHOLE RING & COVER OR EQUAL ADJUSTED TO FINAL GRADE WITH CLEANOUT RECESSER
2 6" OR 8" THREADED CAP
3 6" OR 8" PVC FEMALE ADAPTER
4 6" OR 8" PVC RISER
5 CONCRETE COLLAR 24"x24"x4"
6 6" OR 8" 45° ELBOW
7 W/WATERTIGHT PLUG
8 THE CONNECTION MUST BE MADE TO THE DOUBLE 45° WYE (SIZE TBD)
9 6" OR 8" PVC SEWER PIPE

REVERSIBLE HANDHOLE RING AND COVER



COVERS ARE MARKED WITH "S"

COVER TYPE	LOAD RATING	COVER WEIGHT	TOTAL WEIGHT
FE	HEAVY DUTY	20	45

REV: 08/28/2019

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Structural - Civil - Consulting
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Cape Coral, FL 33904
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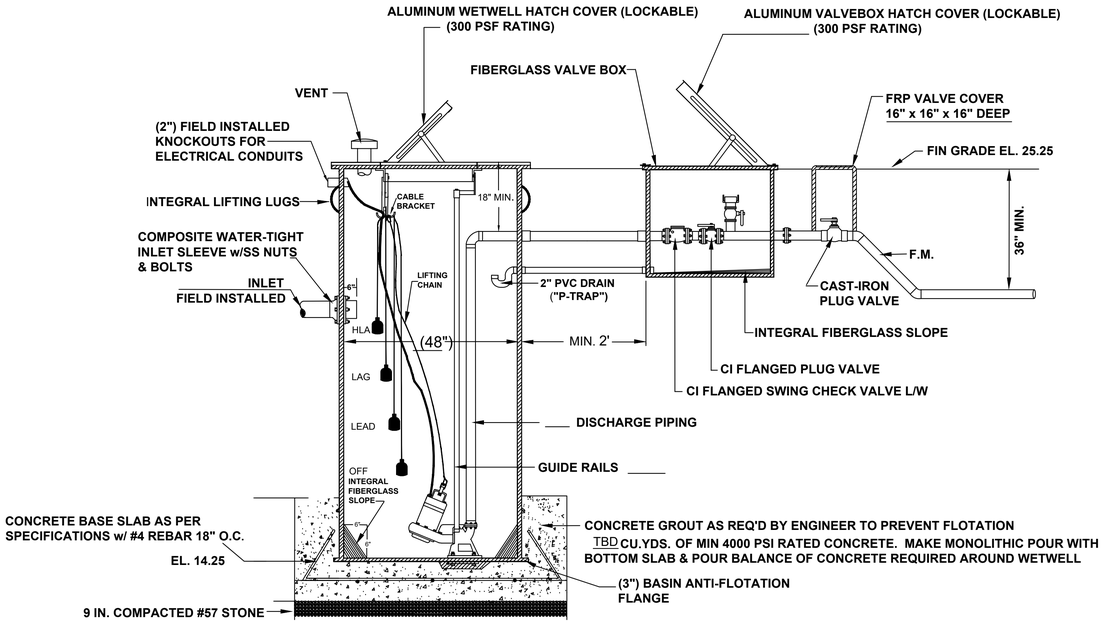
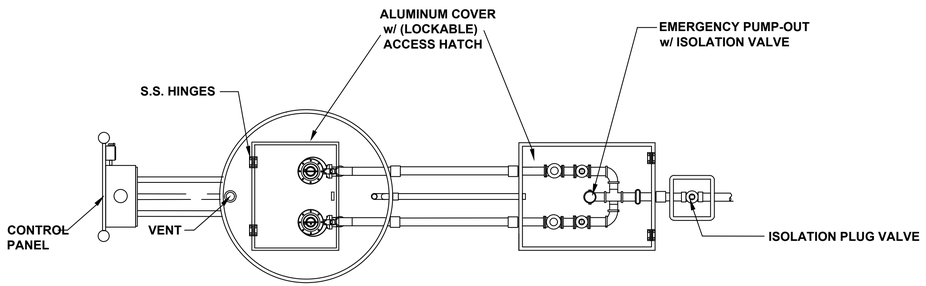




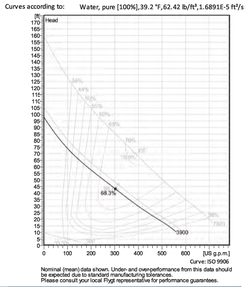
Concertor N80-3900

The most intelligent wastewater pump on the market. Suitable for customers operating traditional on/off pump stations who want to benefit from re-settable pump performance, clog detection and pump cleaning, soft start, constant power and motor protection.

FLYGT a xylem brand

Technical specification

Curves according to: Water, pure [100%], 39.2 °F, 62.42 lb/ft³, 1.6891E-5 ft²/s



Nominal (mean) data shown. Under- and overperformance from this data should be expected due to standard manufacturing tolerances.
Please consult your local Flygt representative for performance guarantees.

Configuration

Motor number
N6020.091 18-08-1A2-W
5.5hp

Installation type
P - Semi permanent, Wet

Impeller diameter
170 mm

Discharge diameter
3 inch

Pump information

Impeller diameter
170 mm

Discharge diameter
3 inch

Inlet diameter
110 mm

Maximum operating speed
800-2611.4 rpm

Number of blades
2

Max. fluid temperature
40 °C

Materials

Impeller
Hard-Iron ™

Project	Xylect-20197367	**Created by**	RAYMOND KAHLER		
Block		**Created on**	6/19/2024	**Last update**	6/19/2024

Program version
7.6.2 - 5/20/2024 (Build 39)

Data version
6/17/2024 12:02 AM PM

User group(s)
Xylem USA - EST, USA - INT

PACKAGE LIFT STATION PERFORMANCE SPECIFICATIONS:

1. XYLEM-FLYGT (H-20LP) OR ENGINEER APPROVED EQUAL
2. BATTERY BACKUP FOR AUDIO AND VISUAL ALARMS
3. 48" WETWELL DIAMETER (FRP) W/ CONCRETE BALLAST
4. PUMP FLYGT CONCERTOR N80-3900 OR ENGINEER APPROVED EQUAL FOR OPERATING CONDITIONS OF 119 GPM @ 70' TDH.
5. SUBMITTAL REQUIREMENTS: CONTRACTOR SHALL SUBMITT DETAILED LIFT STATION DRAWING, SPECIFICATIONS INCLUDING WETWELL, PUMP, CONTROL PANEL, AND CONCRETE BALLAST REQUIREMENTS.

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PACKAGE LIFT STATION

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Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
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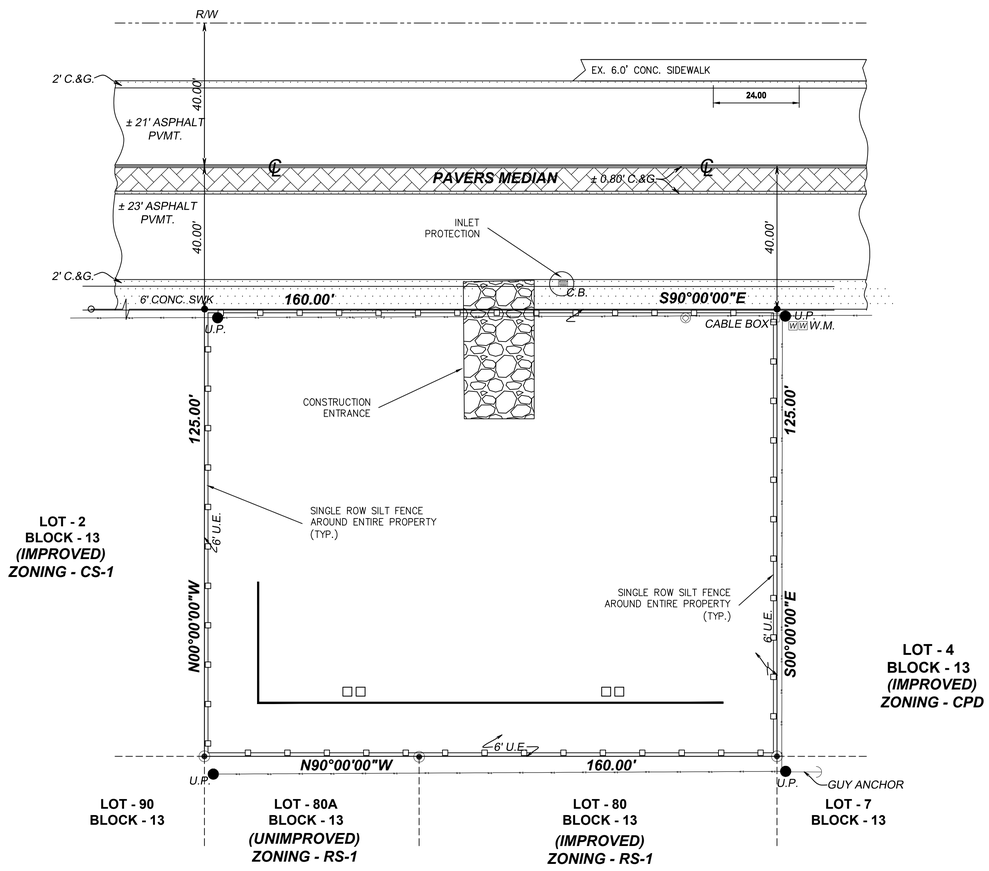
GRAPHIC SCALE

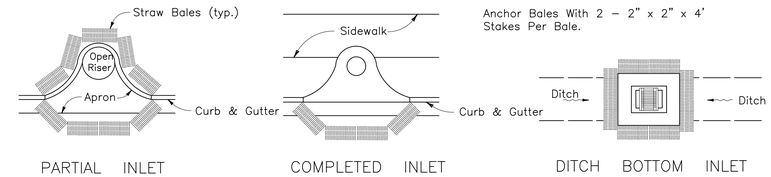
20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

LEELAND HGTS BLVD W

80' TOTAL RIGHT-OF-WAY
BASIS OF BEARINGS: S90°00'00"E
CENTERLINE AS PER PLAT





PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

IN ADDITION TO THE ENVIRONMENTAL PROTECTION DURING CONSTRUCTION SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM THE FOLLOWING IN THE ORDER LISTED:

1. PRIOR TO COMMENCEMENT, PROVIDE NOTIFICATION TO THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND LOCAL GOVERNMENT.
2. ERECT A TURBIDITY SCREEN ON ANY DOWNSTREAM SYSTEM WHICH RECEIVES RUNOFF FROM THE PROJECT. INSTALL OUTFALL CONTROL STRUCTURE AND FILTRATION SYSTEM IF INCLUDED.
3. PROVIDE A TEMPORARY FILTER CLOTH COVERED WITH GRAVEL OVER ANY PROPOSED FILTERS.
4. INSTALL A TEMPORARY TURBIDITY SCREEN AT ALL CONTROL STRUCTURES.
5. CONSTRUCT A TEMPORARY PERIMETER BERM AS NECESSARY TO DIRECT ALL RUNOFF WITHIN ANY AREA PLANNED FOR CLEARING.
6. MAINTAIN FILTER DURING CONSTRUCTION TO PROVIDE CONTINUOUS OPERATION.
7. UPON PERFORMING FINAL GRADING, THE CONTRACTOR SHALL REMOVE ALL SILTS, CLAYS AND OTHER DELETERIOUS MATERIAL FROM THE BOTTOM OF ALL STORMWATER MANAGEMENT AREAS PRIOR TO GRASSING.
8. AFTER ACHIEVING A NON–ERODIBLE COVER OF GRASS, REMOVE TEMPORARY FILTER CLOTH AND GRAVEL OVER FILTERS AND REPLACE WITH NEW FILTER CLOTH AND COVER MATERIAL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
9. NOTIFY THE OWNER FOR FINAL INSPECTION.
10. UPON FINAL APPROVAL FROM OWNER, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL FACILITIES.

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712 LEELAND HGTS BLVD.

EROSION & SEDIMENTATION CONTROL PLAN

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Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
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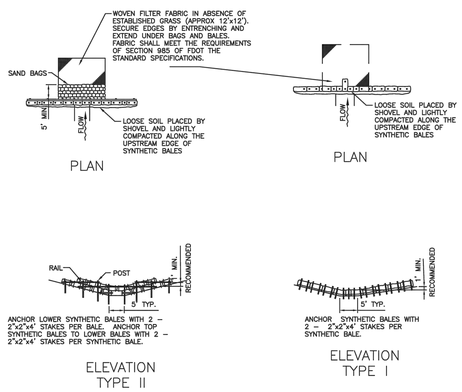
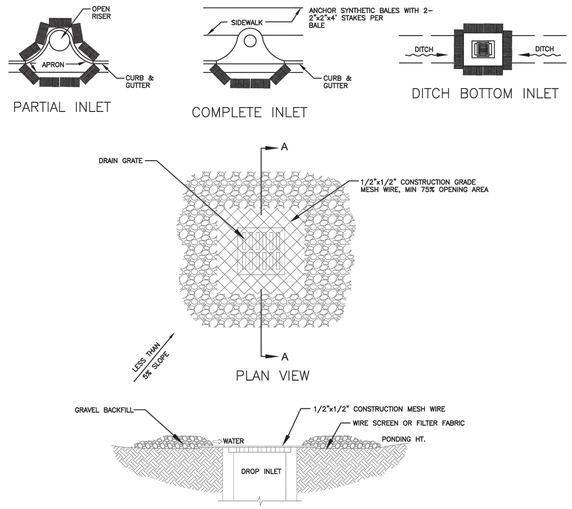


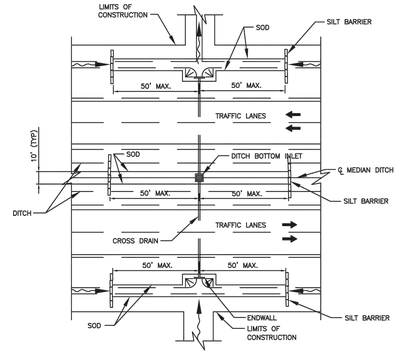
APPLICATION AND SPACING:
THE USE OF TYPES I & II SYNTHETIC BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN SPACING CHART.

G-12 BARRIER FOR UNPAVED DITCHES
NOT TO SCALE

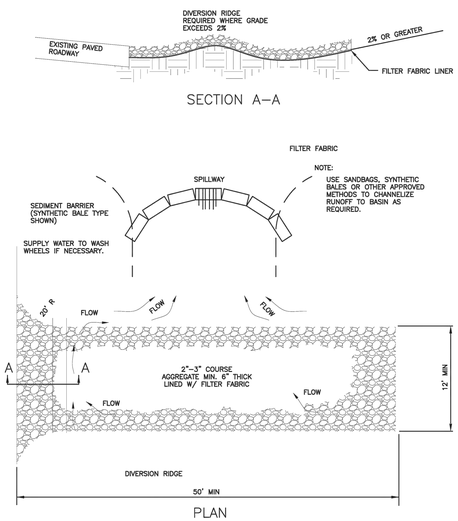


NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. EXCAVATE A BASIN OF SUFFICIENT SIZE ADJACENT TO THE DROP INLET.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY–PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
4. MAINTAIN TOP OF PROTECTION ELEVATION AT 0.5' BELOW EDGE OF PAVEMENT.

G-13 PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
NOT TO SCALE

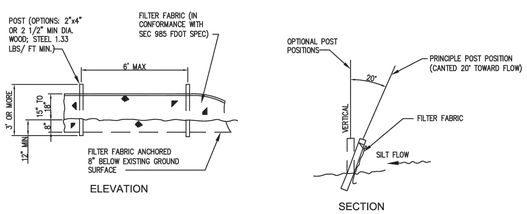


G-14 DRAINAGE STRUCTURE PROTECTION DETAIL
NOT TO SCALE



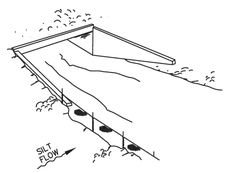
NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

G-26 CONSTRUCTION ROAD STABILIZATION
NOT TO SCALE

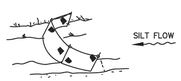


TYPE III SILT FENCE

TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS



TYPE III SILT FENCE



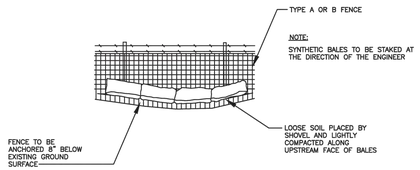
TYPE III SILT FENCE

NOTE:
SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH SPACING CHART AND DRAINAGE STRUCTURES PROTECTION DETAIL.

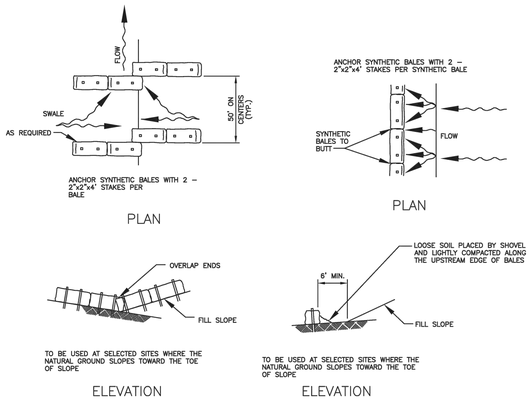
DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS

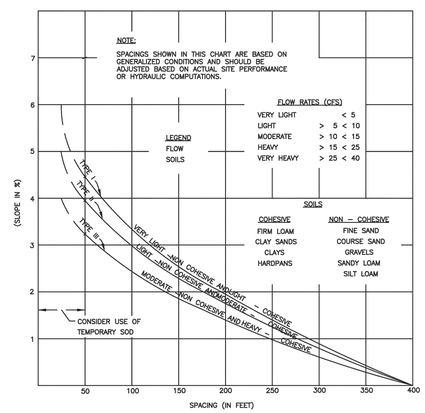
G-16 SYNTHETIC BALE BARRIERS AND SILT FENCES
NOT TO SCALE



SYNTHETIC BALES BACKED BY FENCE



G-17 BARRIERS FOR FILL SLOPES
NOT TO SCALE



G-18 SPACING FOR TYPE I AND TYPE II SYNTHETIC BALE BARRIERS AND TYPE III SILT FENCES
NOT TO SCALE

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PROJECT INFORMATION	
ENGINEERED PRODUCT MANAGER:	KARL GUTMANN 239-994-6478 KARL.GUTMANN@ADSPIPE.COM
ADS SALES REP:	RICK PFAFFENDORF 813-727-2545 RICK.PFAFFENDORF@ADSPIPE.COM
PROJECT NO:	S405282

ADS™
Advanced Drainage Systems, Inc.

ADS™ SiteAssist™
FOR STORMTECH INSTALLATION INSTRUCTIONS VISIT OUR WEBSITE

SIMILY COMMERCIAL CENTER (712 LEELAND HEIGHTS BLVD.)

LEHIGH ACRES, FL

SC-160LP STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH SC-160LP.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 1.5".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
   - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
   - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
   - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-160LP SYSTEM

1. STORMTECH SC-160LP CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH SC-160LP CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
3. FOUNDATION STONE AND EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE; AASHTO M43 #3,357, 4, 467, 5, 56, OR 57.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. THE DEPTH OF FOUNDATION STONE SHALL BE DETERMINED BASED ON THE SUBGRADE BEARING CAPACITY PROVIDED BY THE SITE DESIGN ENGINEER.
6. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES CONCERNING CHAMBER FOUNDATION DESIGN AND SUBGRADE BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
7. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
8. CHAMBERS SHALL BE INSTALLED "TOE TO TOE". NO ADDITIONAL SPACING BETWEEN ROWS IS REQUIRED.
9. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
   - STONESHOOTER LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
10. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

1. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-160LP CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
   - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-106LP CONSTRUCTION GUIDE".
2. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

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STORMTECH
STORM CHAMBERS (1 OF 6)

Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
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PROPOSED LAYOUT

228	STORMTECH SC-160LP CHAMBERS
52	STORMTECH SC-160LP END CAPS
6	STONE ABOVE (in)
6	STONE BELOW (in)
40	% STONE VOID
4,091	**INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED)**
3942	SYSTEM AREA (ft²)
351	SYSTEM PERIMETER (ft)

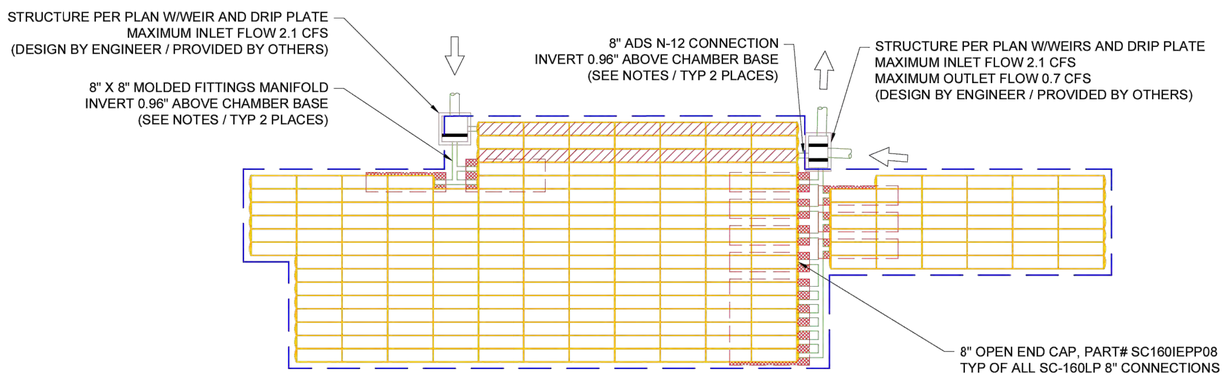
PROPOSED ELEVATIONS

35.02	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)
26.69	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)
26.19	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)
26.19	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)
26.19	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)
25.52	TOP OF STONE
25.02	TOP OF SC-160LP CHAMBER
24.10	8" ISOLATOR ROW PLUS CONNECTION INVERT
24.10	8" X 8" MANIFOLD / CONNECTION INVERT
24.02	BOTTOM OF SC-160LP CHAMBER
23.52	BOTTOM OF STONE

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- THE SITE DESIGN ENGINEER MUST REVIEW THE PROXIMITY OF THE CHAMBERS TO THE BUILDING/STRUCTURE. NO FOUNDATION LOADS SHALL BE TRANSMITTED TO THE CHAMBERS. THE SITE DESIGN ENGINEER MUST CONSIDER EFFECTS OF POSSIBLE SATURATED SOILS ON BEARING CAPACITY OF SOILS AND SEEPAGE INTO BASEMENTS.
- THE SITE DESIGN ENGINEER MUST REVIEW THE PROXIMITY OF THE CHAMBERS TO THE SLOPE AND CONSIDER EFFECTS OF POSSIBLE SATURATED SOILS ON THE SLOPE'S INTEGRITY.

- **ATTENTION:** THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE PRIOR APPROVAL OF THE PROJECT'S ENGINEER OF RECORD (EOR). AS WITH ALL PROPOSED ADS LAYOUTS, THE EOR SHOULD REVIEW AND APPROVE THIS DRAWING PRIOR TO USE IN BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE EOR TO ENSURE THAT THE PRODUCT(S) DEPICTED AND THE ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.



ISOLATOR ROW PLUS (SEE DETAIL)

PLACE MINIMUM 12.5' OF ADSPLUS625 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS

BED LIMITS

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LEHIGH ACRES, FL

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HILLIARD, OH 43026

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Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
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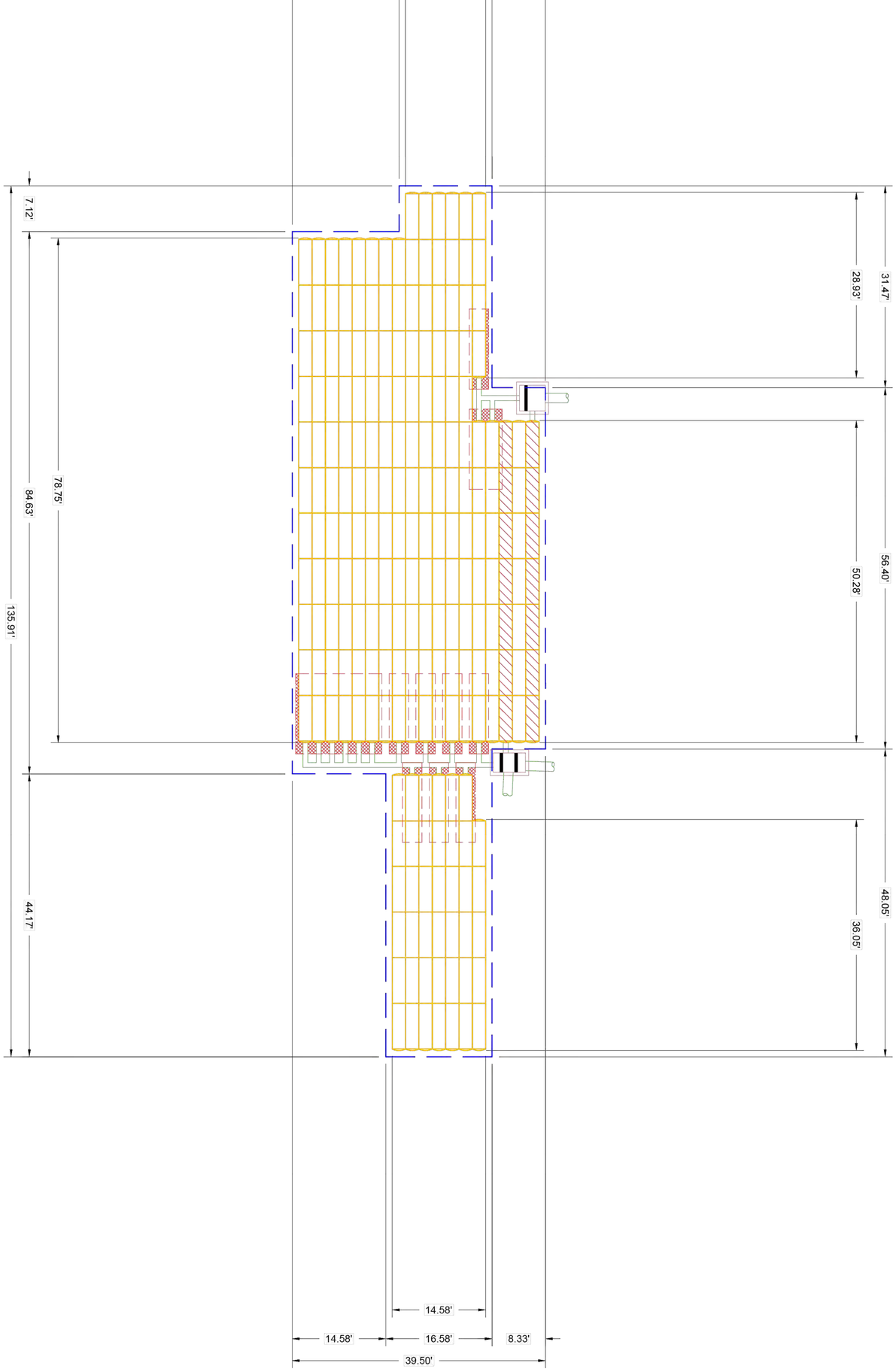

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ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

0 15' 30'

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2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
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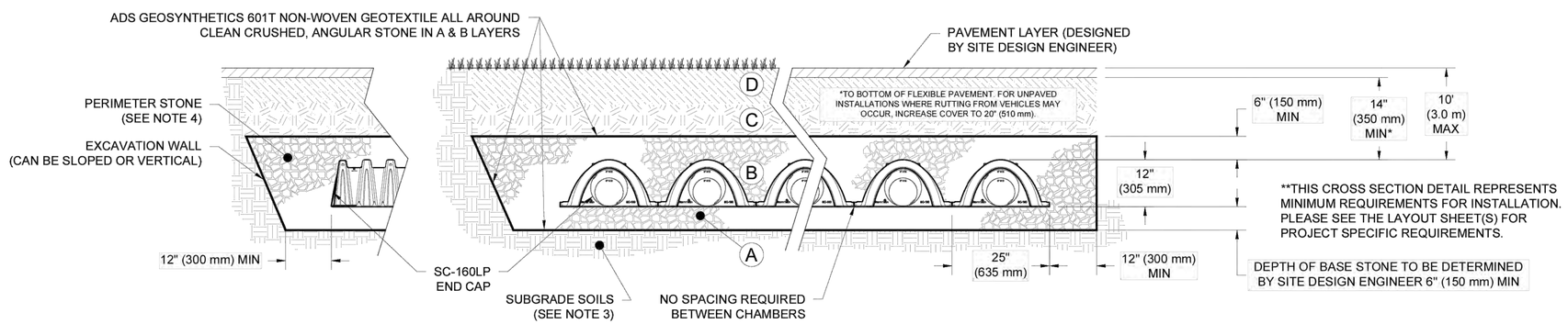
ACCEPTABLE FILL MATERIALS: STORMTECH SC-160LP CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 14" (355 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
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3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 1.5"
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT/%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

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Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
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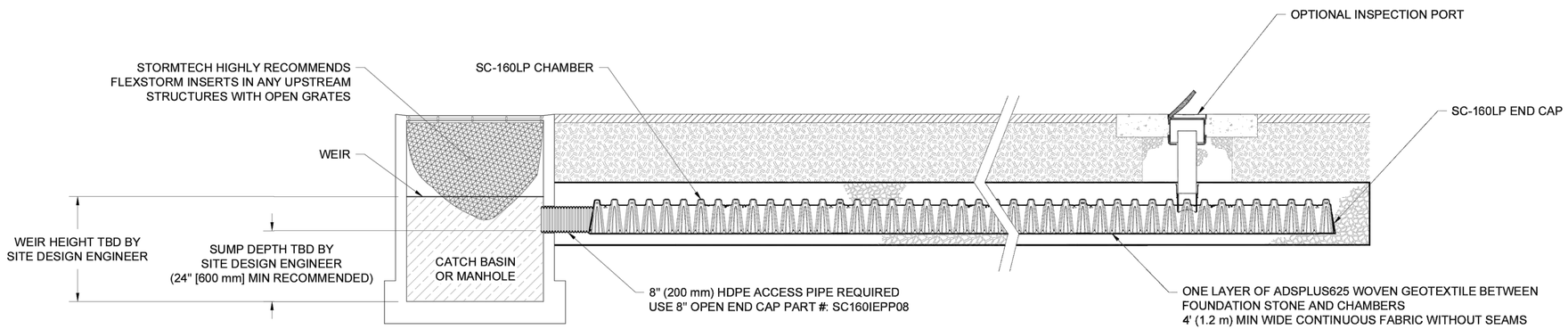

SC-160LP ISOLATOR ROW PLUS DETAIL
NTS

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

DATE	DRWN	CHKD	DESCRIPTION
08/07/24	MAH		REVISION PER MARKUPS
05/31/24	PME		REVISE OUTLET PER MARKUP
5/24/24	BMW		OUTLET ADJUSTMENTS

SIMILY COMMERCIAL CENTER
(712 LEELAND HEIGHTS BLVD.)
LEHIGH ACRES, FL
DATE: 04/04/24 DRAWN: SLV
PROJECT #: S405282 CHECKED: ---

ADS
4640 TRUEMAN BLVD
HILLIARD, OH 43026

StormTech®
Chamber System
888-892-2694 | WWW.STORMTECH.COM

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SHEET 5 OF 6

REV	DATE	DESCRIPTION	DWN	CHK
3	5/12/25	REVISED PER COUNTY COMMENTS	KP	EB
2	02/17/25	REVISED PER COUNTY COMMENTS	KP	EB
1	06/11/24	REVISED PER COUNTY COMMENTS	KP	EB
0	08/02/23	ISSUED FOR SFD APPROVAL	KP	EB
Δ	01/29/23	ISSUED FOR REVIEW	KP	EB

SIMILY COMMERCIAL CENTER
712 LEELAND HGTS BLVD.
STORMTECH
STORM CHAMBERS (5 OF 6)

Blot Engineering, Inc
Structural - Civil - Consulting
2804 S Del Prado Blvd Ste 101
Cape Coral, FL 33904
Office: (239) 257-1780
www.blotengineering.com
Edward M Blot
Professional Engineer
FL No 72816
Florida State
Certificate of Authority #29553

PROJ 21-128
ENGR EMB DRWN KP
DATE 12/02/21
DRAWING NUMBER 18 REV 3

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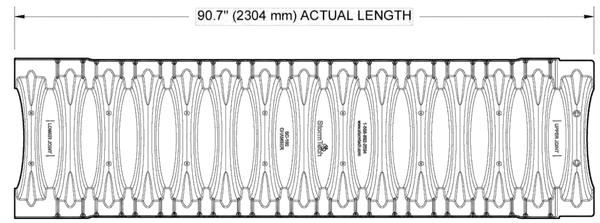
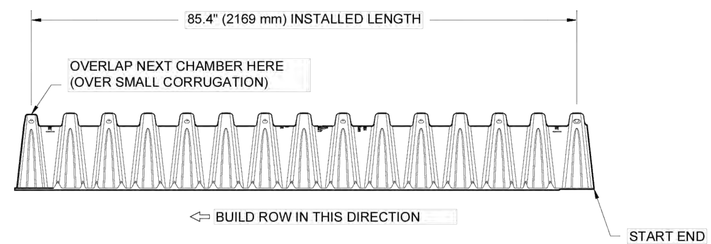
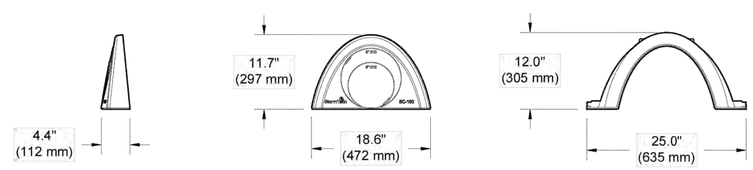
SC-160LP TECHNICAL SPECIFICATION

NTS







NOMINAL CHAMBER SPECIFICATIONS

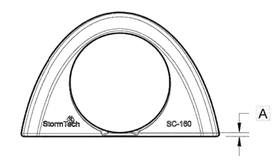
SIZE (W X H X INSTALLED LENGTH)	25.0" X 12.0" X 85.4"	(635 mm X 305 mm X 2169 mm)
CHAMBER STORAGE	6.85 CUBIC FEET	(0.19 m³)
MINIMUM INSTALLED STORAGE*	16.0 CUBIC FEET	(0.45 m³)
WEIGHT	24.0 lbs.	(10.9 kg)

*ASSUMES 6" (152 mm) ABOVE, 6" (152 mm) BELOW, AND STONE BETWEEN CHAMBERS WITH 40% STONE POROSITY.

PART #	STUB	A
SC160EPP	6" (150 mm)	0.66" (16 mm)
	8" (200 mm)	0.80" (20 mm)
SC160EPP08	8" (200 mm)	0.96" (24 mm)

ALL STUBS ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

NOTE: ALL DIMENSIONS ARE NOMINAL



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SHEET 6 OF 6

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STORMTECH
STORM CHAMBERS (6 OF 6)

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PROJ 21-128
ENGR EMB DRWN KP
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DRAWING NUMBER 19 REV 3

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