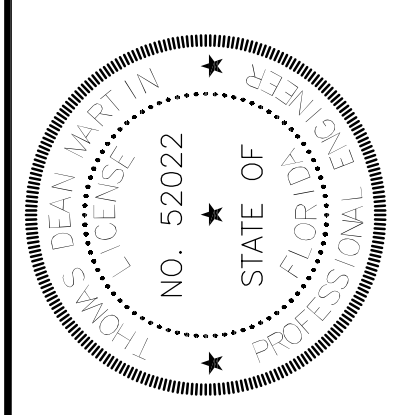
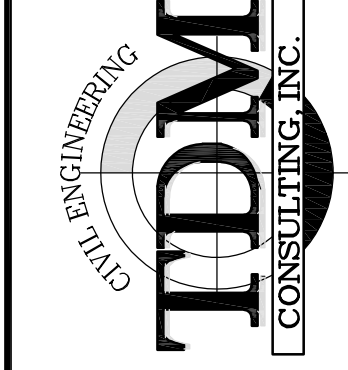
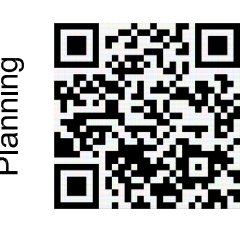
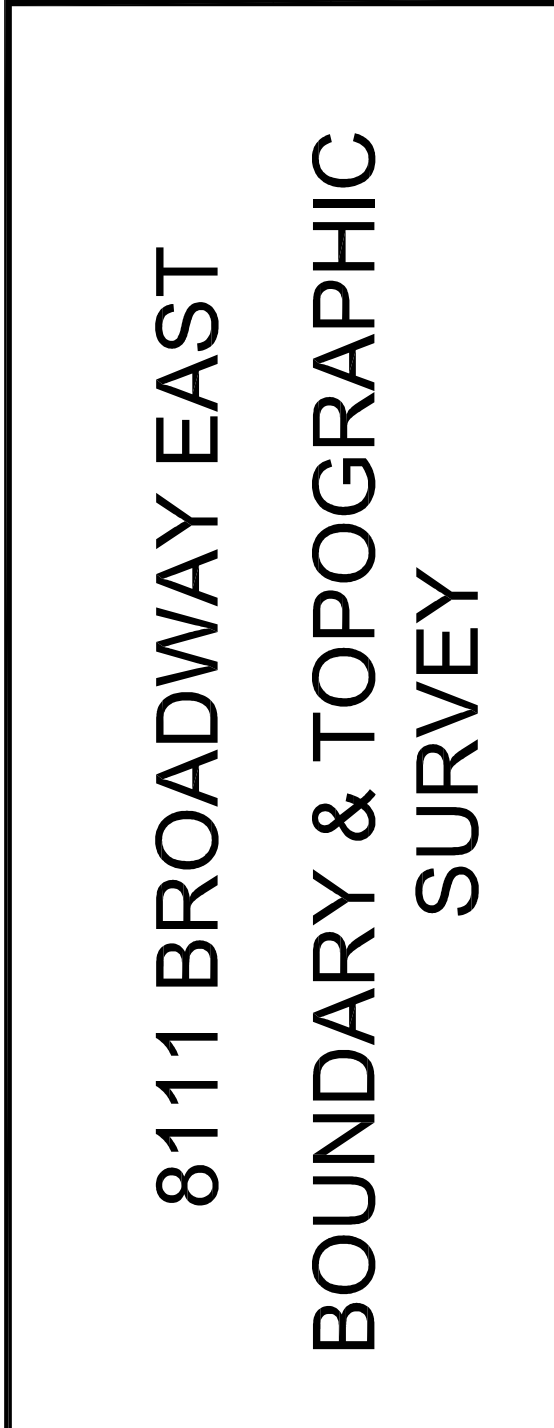


BOUNDARY & TOPOGRAPHIC SURVEY SUBMITTED SEPARATELY

Z:\085\Cartista\Exterio PD - 8111 Broadway\Drawings\Civil\TDM SITE.dwg | Plotname | 10/23/2019 8:50 AM

SHEET #		DATE		REVISIONS		DATE	
2	of						
	12						
SCALE: NTS							
							
DEAN MARTIN, P.E. Florida #52022		43 Barkley Circle, Suite 200 Fort Myers, FL 33907 Phone: (239) 433-4231 Fax: (239) 433-9632		Civil Engineering and Planning dean@tdmconsulting.com www.tdmcivilengineering.com		DATE: 08/16/2019 DESIGNED BY: TDM DRAWN BY: SLD CHECKED BY: TDM APPROVED BY: TDM	

STREET ADDRESS
 8111 BROADWAY E
 ESTERO FL, 33928

STRAP NUMBERS
 28-46-25-E2-U1923.2494




1" = 60'


DATE	REVISIONS
08/16/2019 <td>DESIGNED BY: TDM</td>	DESIGNED BY: TDM
	DRAWN BY: SLD
	CHECKED BY: TDM
	APPROVED BY: TDM

8111 BROADWAY EAST
AERIAL LOCATION MAP

Civil Engineering and Planning

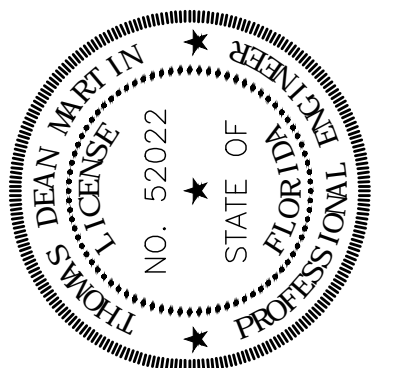


dean@tdmconsulting.com
 www.tdmcivilengineering.com



43 Barkley Circle, Suite 200
 Fort Myers, FL 33907
 Phone: (239) 433-4231
 Fax: (239) 433-9632

VALID ONLY WITH SIGNATURE SEAL



DEAN MARTIN, P.E.
 Florida #52022

DATE:

STREET ADDRESS

8111 BROADWAY E
ESTERO FL, 33928

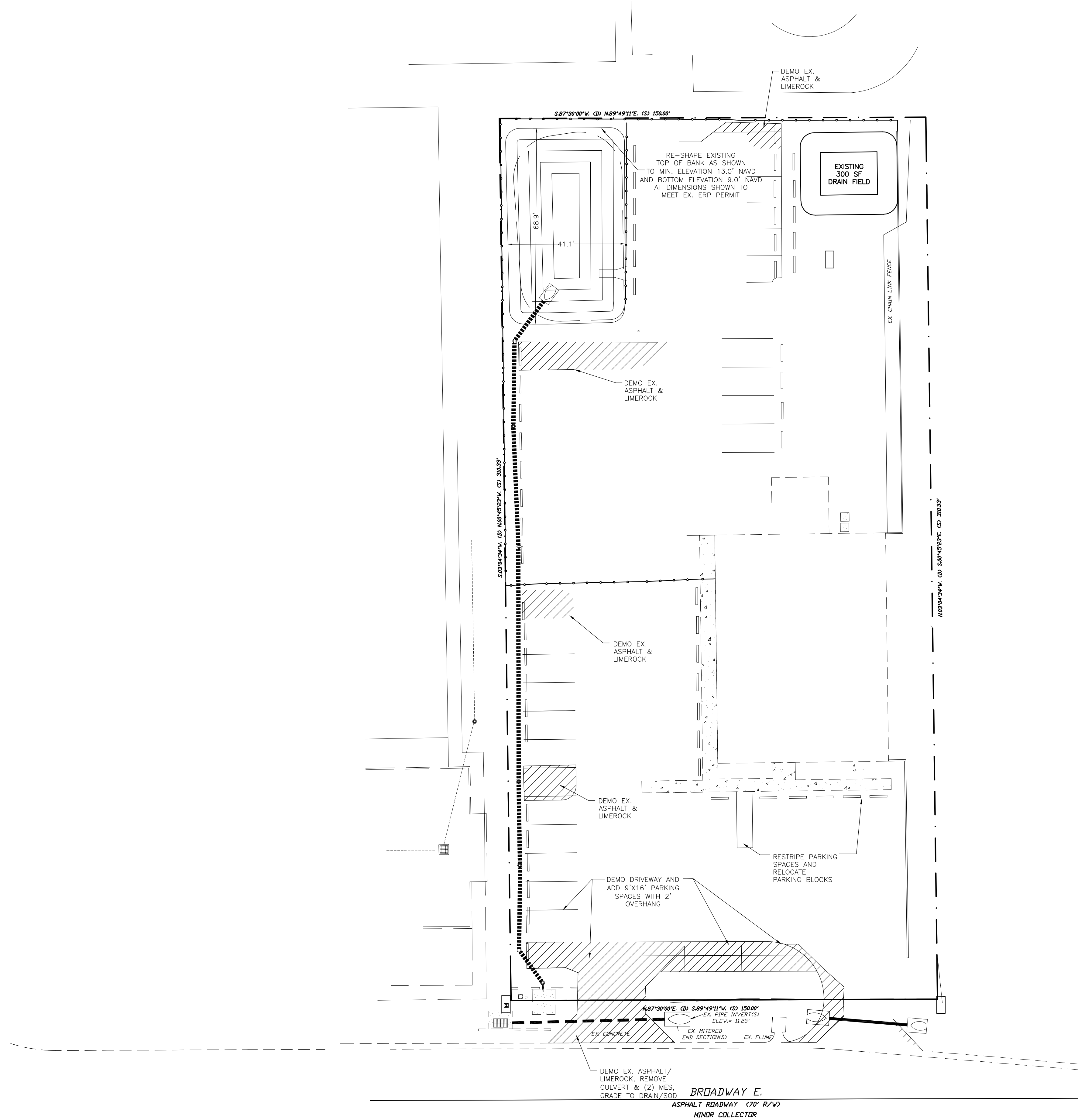
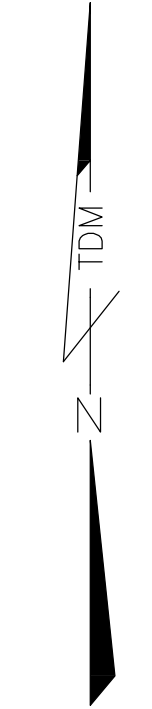
STRAP NUMBERS

28-46-25-E2-U1923.2494

LEGEND

- EX. EXISTING
- R/W RIGHT-OF-WAY
- E.O.P. EDGE OF PAVEMENT
- CONC. CONCRETE
- TYP. TYPICAL
- SF SQUARE FEET
- LF LINEAR FEET
- E.B. ELECTRICAL BOX
- L.P. LIGHT POLE

1" = 20'



DATE	DESIGNED BY	TDM	DRAWN BY	S.L.D	CHECKED BY	TDM	APPROVED BY	TDM
08/16/2019								

**8111 BROADWAY EAST
EXISTING CONDITIONS AND
DEMOLITION PLAN**

Civil Engineering and Planning

dean@tdmconsulting.com
www.tdmcivilengineering.com

43 Barkley Circle, Suite 200
Fort Myers, FL 33907
Phone: (239) 433-4231
Fax: (239) 433-9632

FLORIDA PROFESSIONAL ENGINEERING

NO. 52022
STATE OF FLORIDA

DEAN MARTIN, P.E.
Florida #52022

DATE:

STREET ADDRESS

8111 BROADWAY E
ESTERO FL, 33928

STRAP NUMBERS

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PRE-DEVELOPMENT SITE AREAS

TOTAL PARCEL AREA: (1.07 AC)	46,547 SF	100.0%
EXISTING BUILDING AREA:	4,800 SF	10.3%
EXISTING PAVEMENT AREA:	23,484 SF	50.5%
EXISTING CONCRETE AREA:	870 SF	1.9%
EXISTING TOTAL IMPERVIOUS AREA:	29,154 SF	62.7%
EXISTING DRY DETENTION AREA: (@ T.O.B.)	2,312 SF	5.0%
EXISTING OPEN GREEN AREA:	15,081 SF	32.3%
EXISTING TOTAL PERVIOUS AREA:	17,393 SF	37.3%

POST-DEVELOPMENT SITE AREAS

TOTAL PARCEL AREA: (1.07 AC)	46,547 SF	100.0%
PROPOSED PAVEMENT AREA:	22,042 SF	47.4%
PROPOSED CONCRETE AREA:	1,776 SF	3.8%
PROPOSED BUILDING (ROOF) AREA:	4,800 SF	10.3%
PROPOSED TOTAL IMPERVIOUS AREA:	28,618 SF	61.5%

PROPOSED OPEN GREEN AREA:	15,116 SF	32.5%
PROPOSED DETENTION AREA (@ T.O.B.):	2,813 SF	6.0%
PROPOSED TOTAL PERVIOUS AREA:	17,929 SF	38.5%

BUILDING SETBACK REQUIREMENTS

SOUTH (FRONT/STREET) = 25 FT
NORTH (REAR) = 20 FT
EAST (SIDE) = 16 FT*
WEST (SIDE) = 20 FT

* SEE DEVIATION

LANDSCAPE BUFFER REQUIREMENTS

NORTH: COM TO COM: 5' WIDE TYPE A BUFFER REQUIRED
4 TREES/100 LF
SOUTH: COM TO ROW: 20' WIDE TYPE D BUFFER REQUIRED
5 TREES/100 LF AND DOUBLE-STAGGERED HEDGE ROW
EAST: COM TO SFR: 20' WIDE TYPE C BUFFER *SEE DEVIATION #3
10 TREES AND 30 SHRUBS/100 LF WITH 8' HIGH WALL
WEST: COM TO COM: 5' WIDE TYPE A BUFFER
4 TREES/100 LF

PROJECT INFORMATION

FUTURE LAND USE = URBAN COMMERCIAL
CURRENT ZONING = AG-2
PROPOSED ZONING = COMMERCIAL PLANNED DEVELOPMENT (CPD)
PROPOSED USE = COMMERCIAL/OFFICE/RETAIL
MIN. LOT SIZE = 46,547 SF/1.07 AC
MAXIMUM INTENSITY = 4,800 SF
MIXED USE OVERLAY = YES
EXIST. SOIL TYPES = #28 - IMMOKALEE SAND
IRRIGATION SERVICE = IRRIGATION WELL
ARCHAEOLOGICAL SENSITIVITY LEVEL = NONE

ZONING/ACTUAL USE

PROJECT SITE: CPD/COMMERCIAL
NORTH: CC/COMMERCIAL
SOUTH: BROADWAY E. ROW
EAST: AG-2/SFR
WEST: CC/COMMERCIAL

PARKING REQUIREMENTS

PER SECTION 34-2020(B) LEE COUNTY LAND DEVELOPMENT CODE,
4,800 SF RETAIL AND BUSINESS ESTABLISHMENTS (SMALL PRODUCTS)
= 1.0 SPACES PER 250 SF OF TOTAL FLOOR AREA
= 4,800 SF/250 SF = 19.2 SPACES
REQUIRED PARKING = 20 SPACES (INCLUDING 2 SPACE FOR HC)
PROVIDED PARKING = 41 SPACES (INCLUDING 2 SPACES FOR HC)

BICYCLE PARKING REQUIREMENTS

PER SECTION 10-610(D)3 LEE COUNTY LAND DEVELOPMENT CODE,
THE NUMBER OF SAFE AND SECURE BICYCLE PARKING SPACES MUST BE FIVE PERCENT OF THE NUMBER OF REQUIRED VEHICLE PARKING SPACES.

REQUIRED AUTOMOBILE PARKING SPACES = 20
= 20 AUTOMOBILE PARKING SPACES * 0.05
= 1 BICYCLE SPACES REQUIRED
= 1 BICYCLE RACK REQUIRED (ASSUME 3 BICYCLES)

OPEN SPACE REQUIREMENTS

SMALL COMMERCIAL DEVELOPMENTS = 20%
REQUIRED: 20% X 46,547 SF = 9,309 SF
PROVIDED: 17,929 SF / 33.7%

REFUSE AND SOLID WASTE CALCULATIONS

PER SECTION 10-261 LEE COUNTY LAND DEVELOPMENT CODE,
FOR GARBAGE AND RECYCLABLE COLLECTION FOR BUILDING SIZE UP TO 5,000 SF,
84 SF FOR FIRST 5,000 SF.
THE PROPOSED LAWN AND GARDEN SUPPLY STORE HAS 4,800 SF.

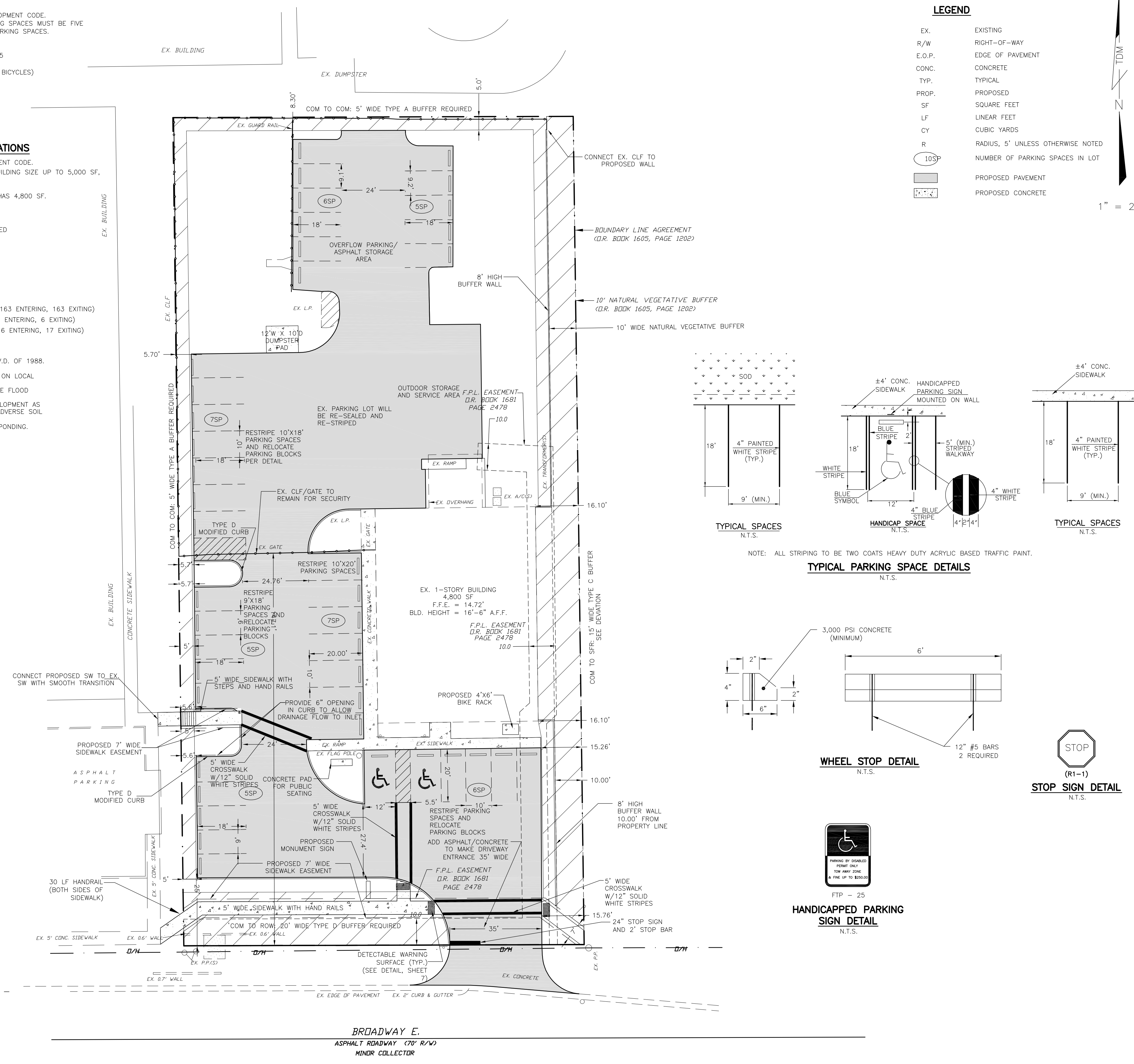
TOTAL REQUIRED = 84 SF
TOTAL PROVIDED = 120 SF (12' x 10')
MINIMUM OVERHEAD CLEARANCE OF 22 FEET REQUIRED

TRIP GENERATION CALCULATIONS

PER ITE TRIP GENERATION, 10TH EDITION,
USE LUC 817 (LAWN AND GARDEN SUPPLY STORE)
THE PROPOSED BUILDING HAS 4,800 SQUARE FEET.
RAW TRIP GENERATION TOTAL:
AVERAGE VEHICLE TRIP ENDS ON WEEKDAY = 326 (163 ENTERING, 163 EXITING)
AVERAGE VEHICLE TRIP ENDS - A.M. PEAK = 12 (6 ENTERING, 6 EXITING)
AVERAGE VEHICLE TRIP ENDS - P.M. PEAK = 33 (16 ENTERING, 17 EXITING)

NOTES

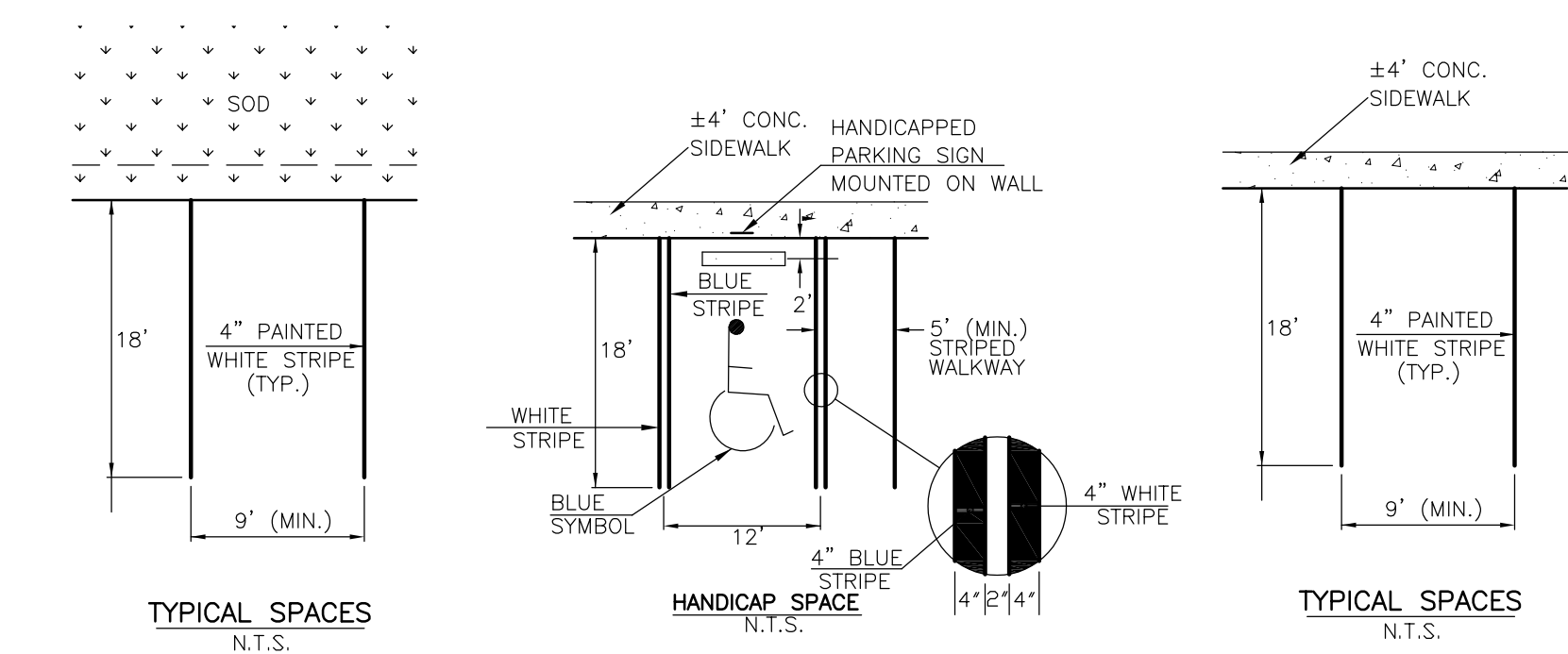
1. ALL EXISTING AND PROPOSED GRADES ARE N.A.V.D. OF 1988.
2. THIS PARCEL LIES IN FLOOD ZONES "X".
3. THIS PROJECT PRESENTS NO ADVERSE IMPACTS ON LOCAL GROUND OR SURFACE WATERS.
4. THIS PROJECT DOES NOT ADVERSELY IMPACT THE FLOOD PLAN OR ANY RIVERINE AREAS.
5. THIS SITE CAN BE USED SAFELY FOR THE DEVELOPMENT AS SHOWN WITHOUT UNDUE DANGER FROM FLOOD OR ADVERSE SOIL AND/OR FOUNDATION CONDITIONS.
6. THIS SITE DOES NOT EXHIBIT ANY SALT WATER PONDING.



LEGEND

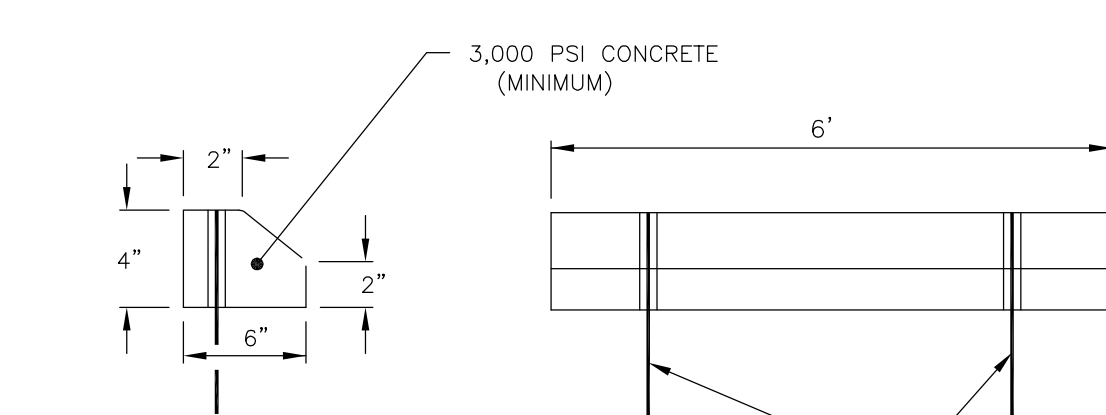
EX.	EXISTING
R/W	RIGHT-OF-WAY
E.O.P.	EDGE OF PAVEMENT
CONC.	CONCRETE
TYP.	TYPICAL
PROP.	PROPOSED
SF	SQUARE FEET
LF	LINEAR FEET
CY	CUBIC YARDS
R	RADIUS, 5' UNLESS OTHERWISE NOTED
10SP	NUMBER OF PARKING SPACES IN LOT
[Symbol]	PROPOSED PAVEMENT
[Symbol]	PROPOSED CONCRETE

1" = 20'



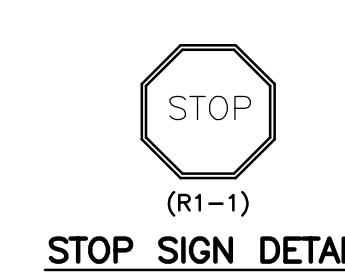
TYPICAL PARKING SPACE DETAILS

NOTE: ALL STRIPING TO BE TWO COATS HEAVY DUTY ACRYLIC BASED TRAFFIC PAINT.



WHEEL STOP DETAIL

N.T.S.



STOP SIGN DETAIL

N.T.S.



HANDICAPPED PARKING SIGN DETAIL

N.T.S.

**8111 BROADWAY EAST
SITE DIMENSION PLAN**

DATE:	DESIGNED BY:	TDM	DRAWN BY:	SD	CHECKED BY:	TDM	APPROVED BY:	TDM
09/16/2019								
REVISIONS	DATE							

Civil Engineering and Planning

TDM CONSULTING, INC.

43 Barkley Circle, Suite 200
Fort Myers, FL 33907
Phone: (239) 433-4231
Fax: (239) 433-9632

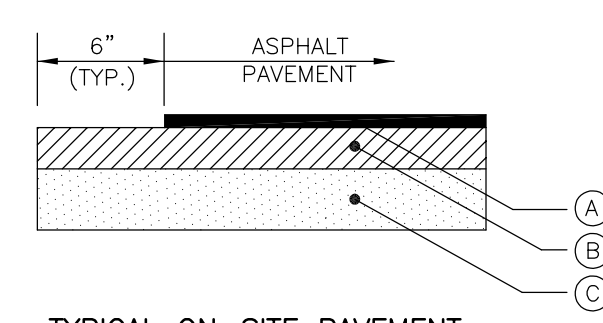
dean@tdmconsulting.com
www.tdmcivilengineering.com

DEAN MARTIN, P.E.
Florida #52022

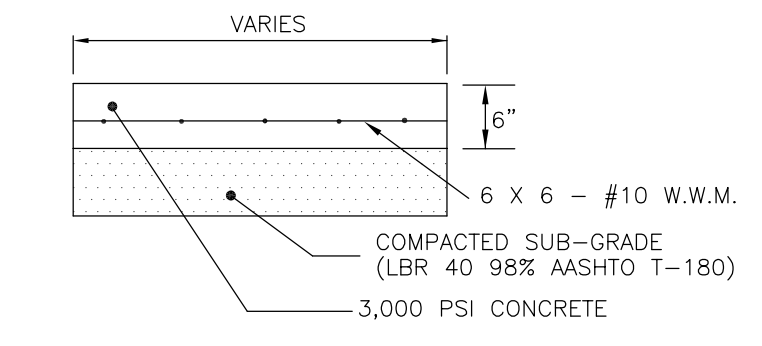
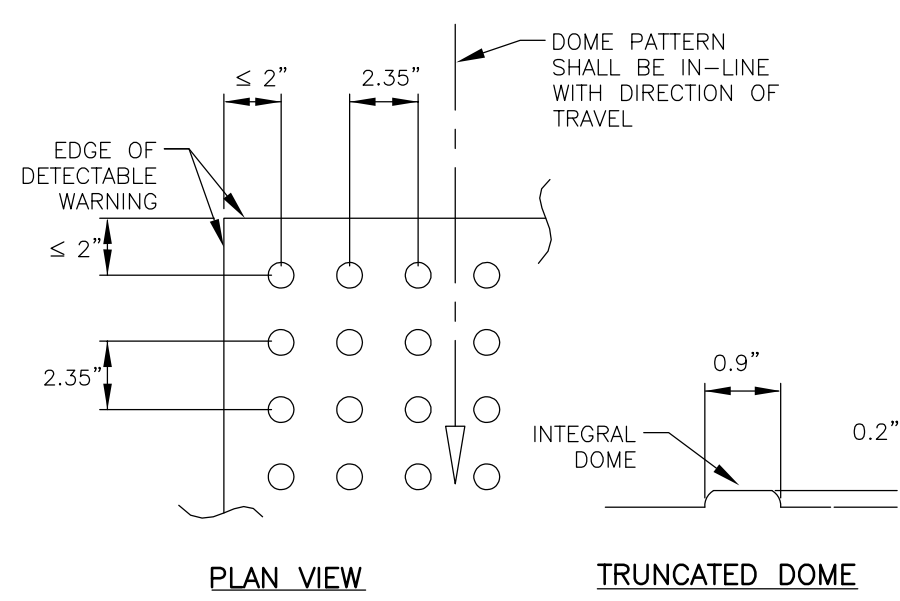
GENERAL NOTES

- ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO N.A.V.D. OF 1988. ALL BOUNDARY, EXISTING CONDITIONS, AND TOPOGRAPHIC INFORMATION AS SHOWN WAS TAKEN FROM A SYSTEM FILE PROVIDED BY HARRIS-JORGENSEN, INC. MARKS ARE AS SHOWN ON BOUNDARY & TOPOGRAPHIC SURVEY.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH LEE COUNTY LAND DEVELOPMENT STANDARDS.
- CONTRACTOR SHALL CONTACT ALL APPROPRIATE AGENCIES, UTILITIES, AND PROJECT ENGINEER A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL CONTACT PROJECT ENGINEER PRIOR TO THE INITIATION OF ANY DEVIATION FROM THE APPROVED PLANS. NO SUCH DEVIATIONS SHALL BE AUTHORIZED WITHOUT PRIOR WRITTEN APPROVAL BY PROJECT ENGINEER.
- UTILITY AND FACILITY LOCATIONS, IF SHOWN HEREON, ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF LOCATIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL REMOVE ANY HARDPAN EXISTING BENEATH THE PROPOSED STORMWATER FACILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ANY AND ALL DEBRIS REMOVED FROM THE SITE.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- VERTICAL SAW CUTS THROUGH EXISTING LIMEROCK ARE REQUIRED WHERE NEW PAVEMENT MATCHES TO EXISTING PAVEMENT.
- CONTRACTOR SHALL SUPPLY SATISFACTORY DENSITY TESTS (3 EACH) OF SUB-BASE AND LIMEROCK AREAS TO PROJECT ENGINEER PRIOR TO PAYMENT AND/OR FINAL ACCEPTANCE.
- IF A REQUIRED DIMENSION IS NOT SHOWN OR A DISCREPANCY IS FOUND ON THE DRAWINGS, CONTRACTOR TO CONTACT PROJECT ENGINEER PRIOR TO COMMENCING CONSTRUCTION.
- REINFORCED CONCRETE PIPE (RCP) CULVERTS SHALL CONFORM TO CLASS III (ASTM C76) FOR ROUND PIPE AND ALSO CONFORM TO TABLE 1 FOR CLASS HE-111 (ASTM C507) FOR ELLIPTICAL PIPE.
- ALL PARKING LOT EMBANKMENT SHALL BE CONSTRUCTED IN ONE (1) FOOT LIFTS TO A MINIMUM COMPACTION OF 95% AASHTO T-180. REFER TO ARCHITECT FOR BUILDING FOUNDATION REQUIREMENTS.
- CONTRACTOR SHALL MAINTAIN A CURRENT AND UPDATED SET OF ASBUILT DRAWINGS AT ALL TIMES AND PROVIDE ONE (1) COPY TO PROJECT ENGINEER UPON COMPLETION OF CONSTRUCTION.
- THIS PLAN IS FOR PERMITTING ONLY AND SHALL NOT BE UTILIZED FOR CONSTRUCTION UNLESS AUTHORIZED BY ENGINEER OF RECORD.
- ALL MITERED-END SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX 272. LOCATIONS SHALL BE AS SHOWN AND DIMENSIONED.
- CONTRACTOR SHALL COORDINATE ANY AND ALL WORK IN THE RIGHT-OF-WAY WITH LEE COUNTY DEPARTMENT OF TRANSPORTATION.
- MAINTENANCE OF TRAFFIC SHALL FOLLOW F.D.O.T. STANDARD INDEX 600, INCLUDING FLAGGING.
- 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.
- BLASTING FOR UTILITY CONSTRUCTION IS NOT ANTICIPATED AND, IF REQUIRED, WILL NOT BE PERMITTED UNLESS WRITTEN APPROVAL IS OBTAINED FROM PROJECT ENGINEER.
- LIMEROCK BASE MATERIAL SHALL BE FROM AN F.D.O.T. APPROVED SOURCE
- ASPHALT PAVEMENT MATERIAL SHALL BE PRODUCED BY AN F.D.O.T. CERTIFIED SOURCE AND TESTED PER F.D.O.T. SPECIFICATIONS.
- ALL EXISTING MONUMENTATION SHALL BE PROTECTED. IF MONUMENTATION IS DISTURBED OR DESTROYED, IT SHALL BE REPLACED AFTER CONSTRUCTION IS COMPLETE, TO REQUIRED ACCURACY, BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER (P-S.M.) AT CONTRACTOR'S EXPENSE. IF MONUMENTATION IS IN DANGER OF BEING DISTURBED OR DESTROYED, IT SHALL BE REFERENCED AND REPLACED AFTER CONSTRUCTION IS COMPLETE, BY A FLORIDA LICENSED P.S.M., AT CONTRACTOR'S EXPENSE.
- DURING CONSTRUCTION, IF ANY FORTUITOUS (HISTORICAL OR ARCHAEOLOGICAL) FINDS ARE OBSERVED, ALL WORK SHALL CEASE IN THE AREA. DEVELOPER, OWNER, CONTRACTOR, OR AGENT THEREOF MUST NOTIFY LEE COUNTY DIVISION OF NATURAL RESOURCES IMMEDIATELY IF HISTORIC OR PREHISTORIC ARTIFACTS, REMAINS, OR FEATURES ARE FOUND DURING CONSTRUCTION. EXAMPLES MAY INCLUDE FRAGMENTS OF STONE TOOLS, SHELLS, SHELL TOOLS, POTTERY, GLASS, BOTTLES, ANIMAL BONES, BUILDING FOUNDATIONS, SHELL MOUNDS, OR SAND MOUNDS. LEE COUNTY DIVISION OF NATURAL RESOURCES WILL ASSESS THE SIGNIFICANCE OF THE FINDS IN A TIMELY MANNER.
- IF PREHISTORIC OR HISTORIC ARTIFACTS, SUCH AS POTTERY OR CERAMICS, PROJECTILE POINTS, DUGOUT CANDLES, METAL IMPLEMENTS, HISTORIC BUILDING MATERIALS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN, EARLY EUROPEAN, OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME WITHIN THE PROJECT SITE AREA, THE PERMITTED PROJECT SHALL CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE VICINITY OF THE DISCOVERY. THE APPLICANT SHALL CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, COMPLIANCE REVIEW SECTION AS (850)-245-6333. PROJECT ACTIVITIES SHALL NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK SHALL STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH SECTION 872.05, FLORIDA STATUTES.
- NO DEWATERING IS ANTICIPATED DURING CONSTRUCTION OF THIS PROJECT. THEREFORE, DEWATERING MAY NOT BE CONDUCTED WITHIN THE PROPOSED PROJECT. SHOULD THE CONTRACTOR DISCOVER A NEED FOR DEWATERING, ALL REQUIRED PERMITS MUST BE IN-HAND PRIOR TO COMMENCEMENT OF DEWATERING.

COMPACTION REQUIREMENTS: MIN. DENSITY 98% OF AASHTO T-180



PROPOSED ASPHALT PAVEMENT CROSS-SECTION
N.T.S.



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 (610 MM) FROM THE BACK OF CURB.

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
09/16/2019	TDM	SD	TDM	TDM
REVISIONS				

**8111 BROADWAY EAST
PAVING, GRADING, AND
DRAINAGE DETAILS**

Civil Engineering and Planning

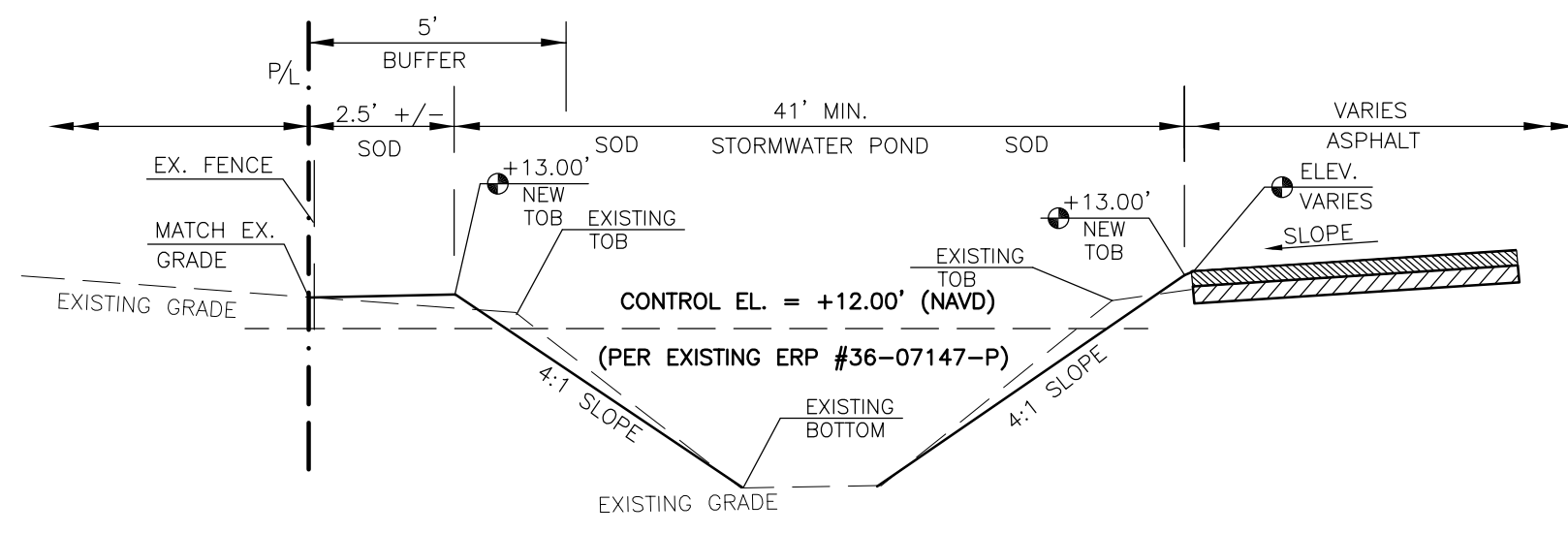
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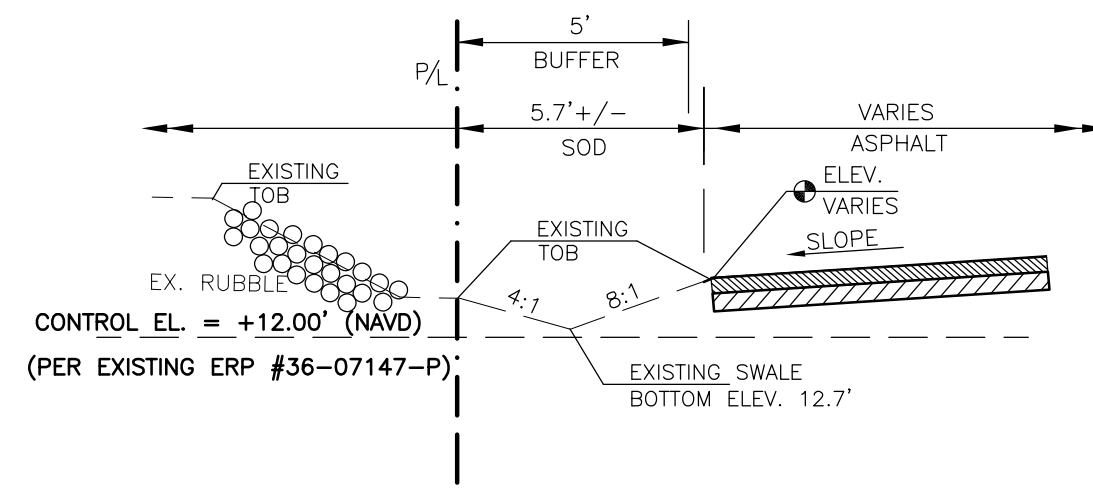
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Florida #52022

DATE:



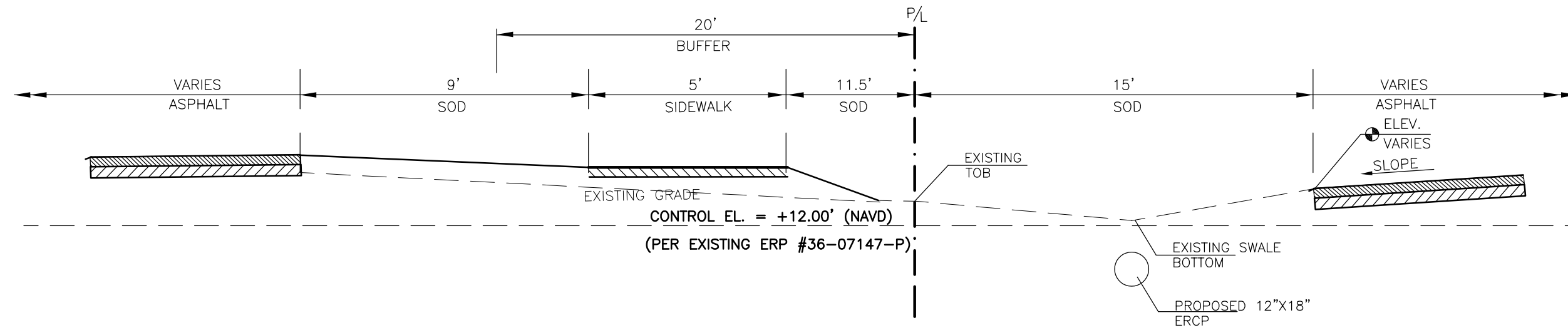
CROSS-SECTION A-A

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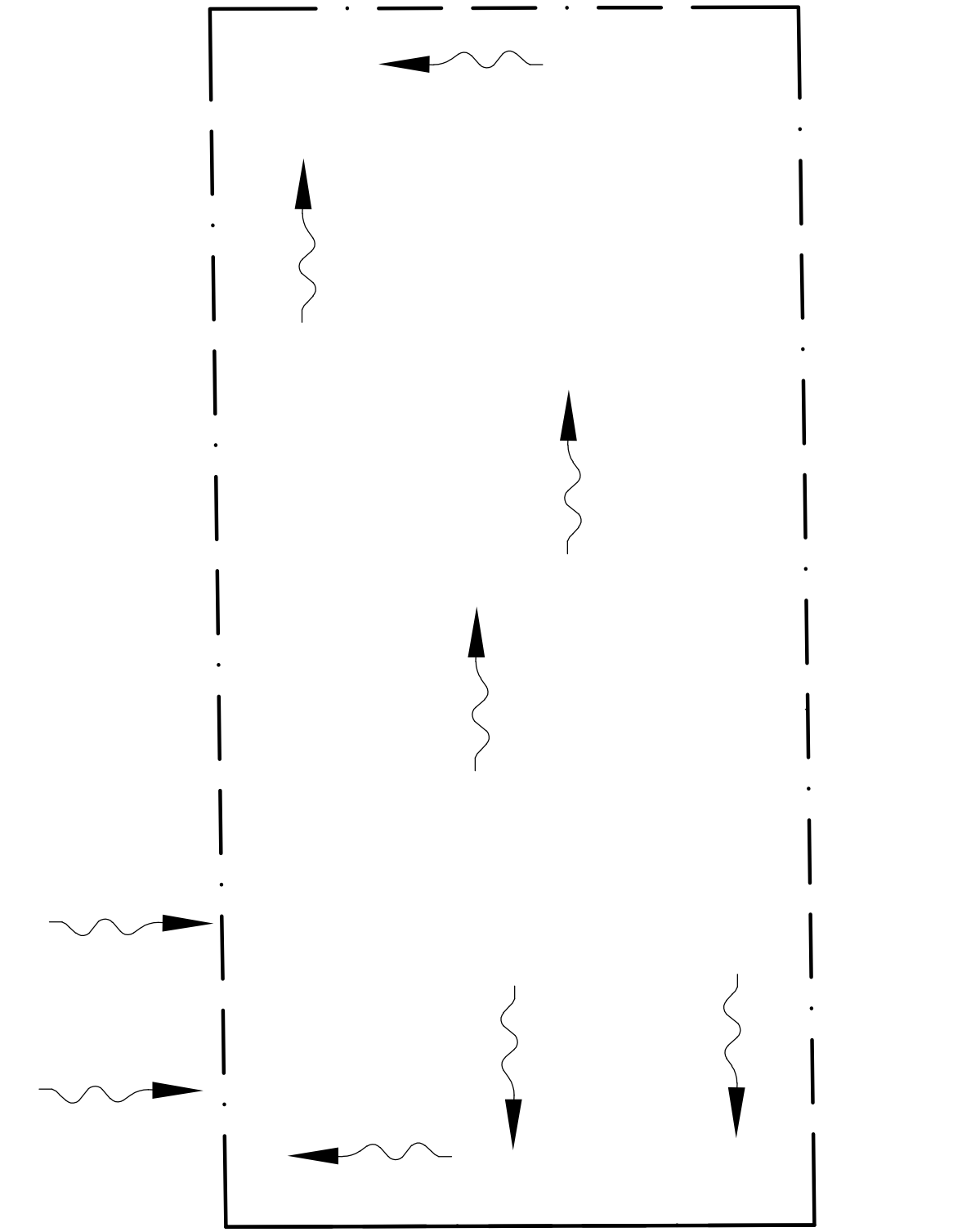
CROSS-SECTION B-B

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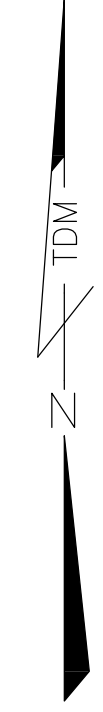


CROSS-SECTION C-C

N.T.S.



EXISTING HYDROLOGY MAP
1" = 40'



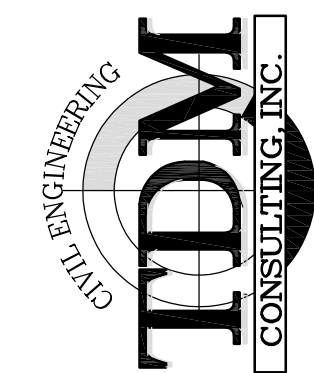
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DRAWN BY:	SLD
CHECKED BY:	TDM
APPROVED BY:	TDM
REVISIONS	
DATE	

**8111 BROADWAY EAST
CROSS-SECTIONS AND
EXISTING HYDROLOGY**

Civil Engineering
and
Planning



dean@tdmconsulting.com
www.tdmcivilengineering.com



43 Barkley Circle, Suite 200
Fort Myers, FL 33907
Phone: (239) 433-4231
Fax: (239) 433-9632



DEAN MARTIN, P.E.
Florida #52022

SHEET # **8 of 12**

SCALE: AS NOTED

STREET ADDRESS

8111 BROADWAY E
ESTERO FL, 33928

STRAP NUMBERS

28-46-25-E2-U1923.2494

LEE COUNTY UTILITIES GENERAL NOTES

- ALL WORK SHALL CONFORM TO LATEST REVISION OF THE LCU DESIGN MANUAL
- ALL REGULATORY AND PERMITTING AGENCIES' REQUIREMENTS SHALL BE COMPLIED WITH AS WELL.
- ANY QUANTITIES SHOWN ON PLANS ARE NOT VERIFIED BY LCU.
- THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS THAT MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- ALL CONSTRUCTION WORK PERFORMED MUST BE DONE BY A CONTRACTOR LICENSED IN THE STATE OF FLORIDA TO DO THE WORK INTENDED.
- A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE WORK MAY BEGIN. REQUIRED ATTENDEES INCLUDE BUT ARE NOT LIMITED TO: THE ENGINEER OF RECORD OR HIS DESIGNEE, THE UNDERGROUND CONTRACTOR AND THE LCU INSPECTOR ASSIGNED TO THE PROJECT. LCU IS TO BE NOTIFIED TWO (2) WORKING DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING.
- ONE COPY OF THE LCU APPROVED/STAMPED CONSTRUCTION PLANS, ALL CONTRACT DOCUMENTS, REFERENCE DOCUMENTS AND TECHNICAL DOCUMENTS SUBMITTED MUST BE KEPT AT THE SITE AND MAINTAINED IN GOOD ORDER.
- ALL WORK AND MATERIALS, WHICH DO NOT CONFORM TO LCU SPECIFICATIONS, ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- ANY WORK PERFORMED WITHOUT THE KNOWLEDGE OF LCU IS SUBJECT TO RE-EXCAVATION, REMOVAL AND REPLACEMENT OF SAME TO BE DONE AT THE CONTRACTOR'S EXPENSE.
- LCU INSPECTION STAFF IS TO BE PRESENT FOR ALL HOT TAPS, PRESSURE TESTS, LIFT STATION START-UPS AND FOR ANY NECESSARY INSPECTION. THE CONTRACTOR IS TO PROVIDE A MINIMUM OF TWO (2) WORKING DAYS NOTICE PRIOR TO SCHEDULING ANY OF THE ABOVE WITH THE EXCEPTION OF THE LIFT STATION START-UP WHICH REQUIRES ONE-WEEK NOTICE.
- TRAFFIC MUST BE MAINTAINED AT ALL TIMES AS PER LEE COUNTY DEPARTMENT OF TRANSPORTATION (LCDOT) AND PER FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- THE CONTRACTOR IS TO UNCOVER ALL EXISTING LINES BEING TIED INTO AND VERIFY GRADES BEFORE BEGINNING CONSTRUCTION.
- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. LCU WILL NOT GUARANTEE ANY LOCATIONS AS SHOWN ON THESE PLANS OR THOSE OMITTED FROM THESE PLANS.
- THE CONTRACTOR SHALL VERIFY ALL UTILITIES AND PROVIDE AT LEAST TWO (2) WORKING DAYS NOTICE TO THE INDIVIDUAL UTILITY COMPANIES, FDOT AND LCDOT PRIOR TO CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND TAKE ALL POSSIBLE PRECAUTIONS TO AVOID ANY DAMAGE TO ALL UNDERGROUND PIPELINES, TELEPHONE, CABLE TV, ELECTRIC LINES/CONDUITS AND STRUCTURES IN ADVANCE OF ANY CONSTRUCTION. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MAY OCCUR DUE TO HIS FAILURE TO EXACTLY LOCATE AND PROTECT EXISTING UTILITIES AND STRUCTURES.
- ANYTHING NOT SHOWN ON THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND SHALL NOT CONSTITUTE AN EXTRA, UNLESS APPROVED BY THE ENGINEER OF RECORD.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER AND LCU IMMEDIATELY CONCERNING ANY CONFLICTS WITH LCU UTILITIES/STRUCTURES ARISING DURING CONSTRUCTION OF ANY FACILITIES SHOWN ON THESE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL QUANTITIES SHOWN ON THE PLANS. IF ANY DISCREPANCIES IN QUANTITIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND LCU.
- THE CONTRACTOR SHALL REPLACE ALL PAVEMENT, CURBS, DRIVEWAYS, SIDEWALKS, FENCES, ETC., WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL RESTORE ALL AREAS AFFECTED BY THE CONSTRUCTION TO ITS ORIGINAL CONDITION, OR BETTER.
- WITHIN THE FOOT AND LCDOT RIGHT-OF-WAY, ALL DISTURBED AREAS SHALL RECEIVE GRASSING (SEEDING) OR SODDING MATERIALS IN ACCORDANCE WITH FDOT SPECIFICATIONS. THOSE AREAS THAT ARE CLASSIFIED AS DRAINAGE DITCHES SHALL RECEIVE FULL SOLID SOD.
- ALL FRAMES, COVERS VALVE BOXES, METER BOXES AND MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE UPON COMPLETION OF PAVING OR RELATED CONSTRUCTION. ALL VALVE PADS SHALL BE POURED IN PLACE. NO PRE-FORMED VALVE PADS WILL BE ALLOWED.
- APPROPRIATE TURBIDITY CONTROL DEVICES (E.G. SILT FENCES, HAY BALES) WILL BE UTILIZED DURING ALL PHASES OF INSTALLATION AND GRADING. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE NOTICE OF INTENT AND NOTICE OF TERMINATION TO THE EPA IN COMPLIANCE WITH LEE COUNTY'S NPDES PERMIT.
- CONTRACTOR IS RESPONSIBLE FOR DEVELOPING AND MAINTAINING AN EFFECTIVE STORM WATER POLLUTION PREVENTION PLAN.
- LCU REQUIRES 30' OF COVER FOR ALL UNDERGROUND PIPING EXCEPT UNDER PAVEMENT, WHERE 36" OF COVER IS REQUIRED. IF LCU REQUIRED COVER CANNOT BE MAINTAINED, THE CONTRACTOR SHALL PROVIDE OTHER METHODS OF CONSTRUCTION OR PIPE PROTECTION, WHICH SHALL FIRST BE APPROVED BY LCU AND THE ENGINEER, AT NO ADDITIONAL COST TO THE COUNTY. IF STATE AGENCIES REQUIRE ADDITIONAL COVER, MEETING THE REQUIREMENTS SHALL BE DONE AT NO ADDITIONAL COST TO THE COUNTY.
- LCU REQUIRES THERE TO BE A MINIMUM OF TEN (10) FEET HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN POTABLE WATER & SANITARY SEWER MAINS. LCU ALSO REQUIRES MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION BETWEEN OTHER PUBLIC AND/OR PRIVATE UTILITIES, STRUCTURE(S), BUILDING(S), WALL(S), FOUNTAIN(S), FENCE(S) AND LCU INFRASTRUCTURE UNLESS SPECIFICALLY APPROVED BY LCU.
- LCU REQUIRES THERE TO BE A MINIMUM OF FIVE (5) FEET HORIZONTAL SEPARATION BETWEEN LCU INFRASTRUCTURE AND DRAINAGE INFRASTRUCTURE, MITERED END SECTIONS, INLETS, ETC. LCU ALSO REQUIRES MINIMUM OF FIVE (5) FEET HORIZONTAL SEPARATION BETWEEN LCU INFRASTRUCTURE AND ALL NEW LIGHT POLE FOUNDATIONS.
- THE ROOT BALL OF PALM TREES SHALL BE A MINIMUM OF FIVE (5) FEET AND THE ROOT BALL OF SHADE TREES SHALL BE A MINIMUM OF TEN (10) FEET FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPE/INFRASTRUCTURE.
- AS THE WORK PROGRESSES THE CONTRACTOR SHALL RECORD ALL CHANGES AND DEVIATIONS FROM THE LCU STAMPED/APPROVED CONSTRUCTION PLANS. IN ADDITION, HE SHALL RECORD THE EXACT LOCATION OF ALL CHANGES IN VERTICAL AND HORIZONTAL ALIGNMENT WITH COORDINATES WITH RESPECT TO THE NAVD 1988 STATE PLANE FLORIDA WEST COORDINATE SYSTEM AS WELL AS ALL REQUIREMENTS SET FORTH IN THE LCU DESIGN MANUAL. THIS INFORMATION IS TO BE FORWARDED TO THE ENGINEER OF RECORD WHO PREPARED, SIGNED AND SEALED THE APPROVED CONSTRUCTION PLANS SO THAT HE CAN PREPARE "RECORD DRAWINGS" PER THE REQUIREMENTS SET FORTH IN THE LCU DESIGN MANUAL.

LOCAL UTILITIES AND SERVICES

ELECTRIC POWER:
FLORIDA POWER & LIGHT
15834 WINKLER ROAD
FT. MYERS, FL 33908
PHONE: (239) 332-9228

CABLE TELEVISION:
COMCAST DIGITAL CABLE
12641 CORPORATE LAKES DR
FORT MYERS, FL 33913
239-793-3577

POTABLE WATER:
LEE COUNTY UTILITIES
1500 MONROE STREET
FORT MYERS, FL 33901
239-533-8845

FIRE PROTECTION:
ESTERO FIRE RESCUE
2150 THREE OAKS PARKWAY
ESTERO, FL 33928
(239) 390-8000

IRRIGATION:
PRIVATE WELL

FIRE FLOW CALCULATIONS

BASED ON NFPA 1, TABLE 18.4.5.2.1
4,800 SF PROPOSED BUILDING, CONSTRUCTION TYPE (V-B)
MINIMUM FIRE FLOW REQUIRED IN ALL CASES IS 1,750 GPM.
FF = 1,750 GPM @ 20 PSI REQUIRED
FIRE FLOW PROVIDED @ 20 PSI = 3,221 GPM DATED 8/29/19
(BUILDING IS NOT SPRINKLERED)

TEST LOCATION: CORNER OF EAST BROADWAY AVE & HIGHLANDS AVE.
HYDRANT NUMBER 06-001
FIRE FLOW CONDUCTED BY:
ESTERO FIRE RESCUE SERVICE DISTRICT

ESTIMATED WATER, SEWER, AND IRRIGATION USE

SANITARY SEWER:
PER 64E-6
STORES PER BATH ROOM:
200 GPD PER BATH ROOM
200 GPD X 4 BATH ROOMS = 800 GPD

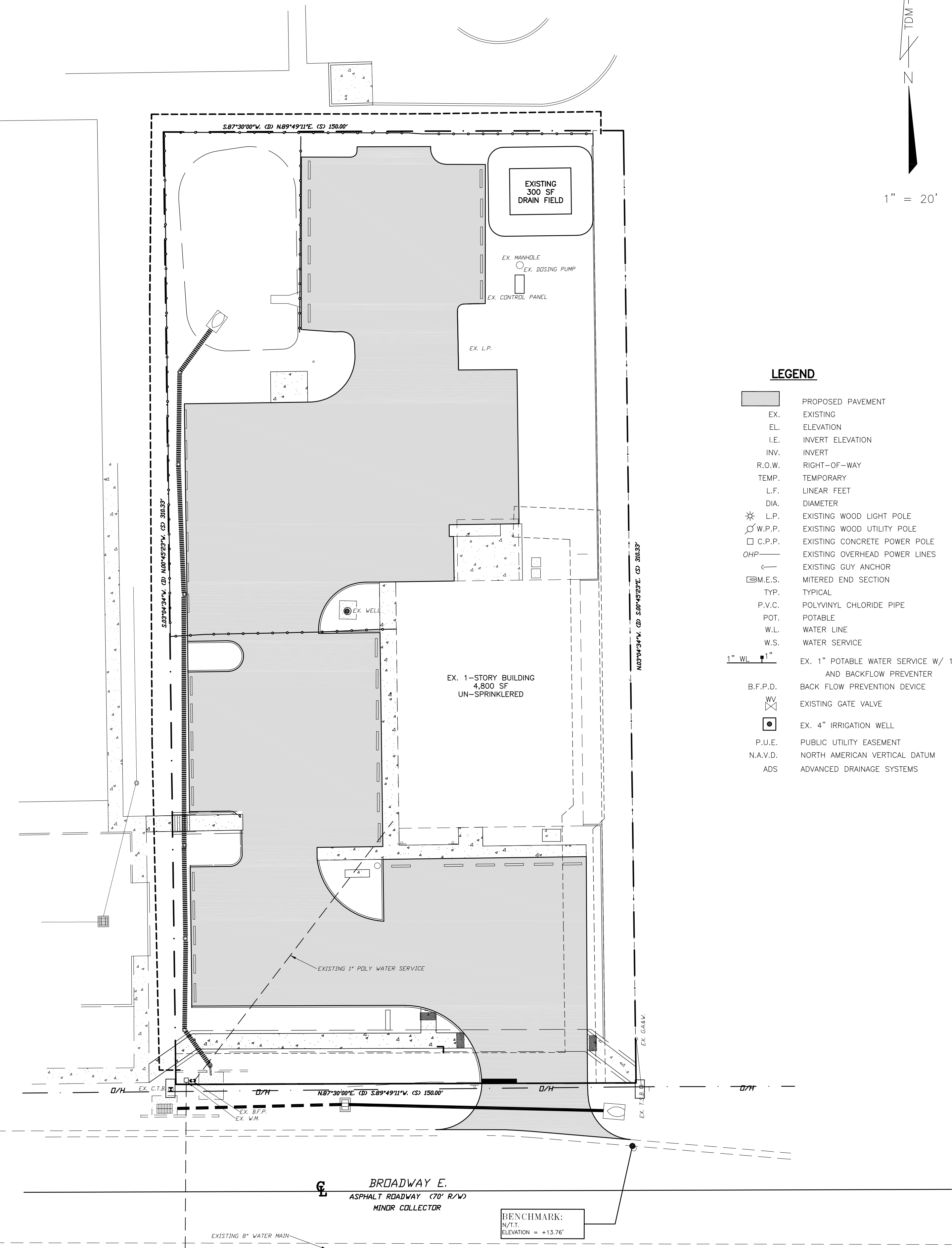
POTABLE WATER:
SAME FLOW AS SANITARY SEWER = 800 GPD

IRRIGATION:
A = AREA TO BE IRRIGATED (TOTAL PERVIOUS AREA)
USE = $A \cdot 0.031 \text{ FT/DAY} \cdot 7.48 \text{ GAL/CF} \cdot 100 \text{ WATERING DAYS/YR} / 365 \text{ DAYS}$
USE = 15,116 SF $\cdot 0.031 \cdot 7.48 \cdot 52 / 365$
AVG. IRRIGATION WATER USE = 499 GPD

SOLID WASTE:
WASTE PRO
1311 RICKENBACKER PARKWAY
FORT MYERS, FL 33913
(239) 337-0800

WASTE WATER:
PRIVATE SEPTIC TANK & DRAINFIELD

TELEPHONE:
CENTURY LINK
5100 DANIELS PARKWAY, STE. 300
FORT MYERS, FL 33902
239-590-0440



LEGEND

- PROPOSED PAVEMENT
- EX. EXISTING
- EL. ELEVATION
- I.E. INVERT ELEVATION
- INV. INVERT
- R.O.W. RIGHT-OF-WAY
- TEMP. TEMPORARY
- L.F. LINEAR FEET
- DIA. DIAMETER
- L.P. EXISTING WOOD LIGHT POLE
- W.P.P. EXISTING WOOD UTILITY POLE
- C.P.P. EXISTING CONCRETE POWER POLE
- OHP EXISTING OVERHEAD POWER LINES
- EXISTING GUY ANCHOR
- MITERED END SECTION
- TYP. TYPICAL
- P.V.C. POLYVINYL CHLORIDE PIPE
- POT. POTABLE
- W.L. WATER LINE
- W.S. WATER SERVICE
- EX. 1" POTABLE WATER SERVICE W/ 1" METER AND BACKFLOW PREVENTER
- B.F.P.D. BACK FLOW PREVENTION DEVICE
- EXISTING GATE VALVE
- EX. 4" IRRIGATION WELL
- P.U.E. PUBLIC UTILITY EASEMENT
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- ADS ADVANCED DRAINAGE SYSTEMS

DATE	DESIGNED BY	REVISIONS
09/16/2019	TDM	
	DRAWN BY:	
	SEC	
	CHECKED BY:	
	TDM	
	APPROVED BY:	
	TDM	

**8111 BROADWAY EAST
UTILITY PLAN**

Civil Engineering and Planning

TDM CONSULTING, INC.
CITY ENGINEERING

43 Barkley Circle, Suite 200
Fort Myers, FL 33907
Phone: (239) 433-4231
Fax: (239) 433-9632

dean@tdmconsulting.com
www.tdmcivilengineering.com

DEAN MARTIN, P.E.
Florida #52022

DATE:

STREET ADDRESS
 8111 BROADWAY E
 ESTERO FL, 33928

STRAP NUMBERS
 28-46-25-E2-U1923.2494

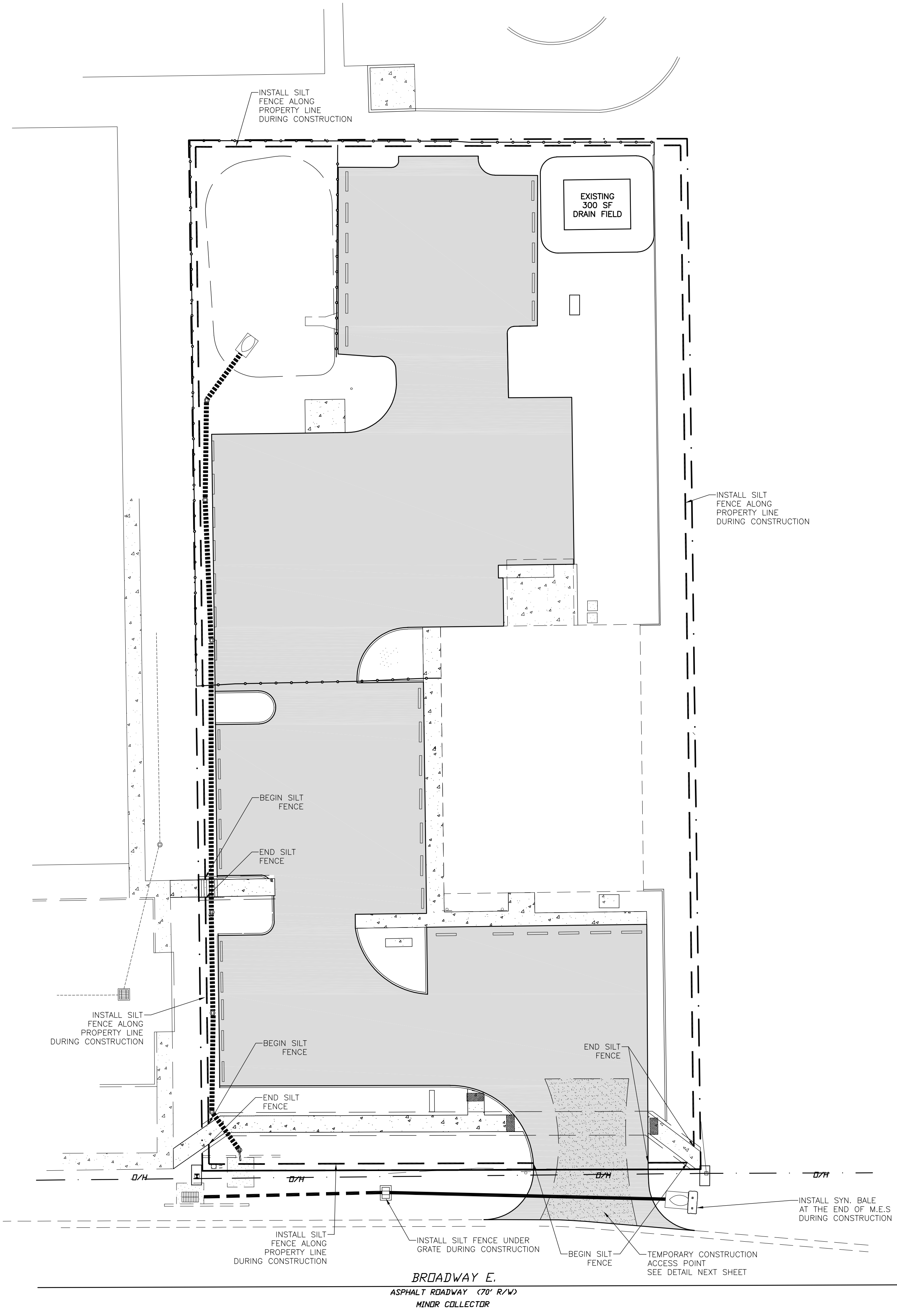
LEGEND

	PROPOSED PAVEMENT
	EXISTING
	ELEVATION
	I.E. INVERT ELEVATION
	INV. INVERT
	R.O.W. RIGHT-OF-WAY
	SYN. SYNTHETIC
	C.F.M. CITY OF FORT MYERS
	SILT FENCE
	ADS ADVANCED DRAINAGE SYSTEMS
	M.E.S. MITERED END SECTION
	T.B. TRAFFIC BEARING
	SUBDIVISION ROADWAY (CURRENTLY BEING CONSTRUCTED)

1" = 20'

N
TDM

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
09/16/2019	TDM	TDM	TDM	TDM



**8111 BROADWAY EAST
 STORMWATER POLLUTION
 PREVENTION PLAN**

Civil Engineering and Planning

dean@tdmconsulting.com
 www.tdmcivilengineering.com

TDM CONSULTING, INC.
 CIVIL ENGINEERING

43 Barkley Circle, Suite 200
 Fort Myers, FL 33907
 Phone: (239) 433-4231
 Fax: (239) 433-9632

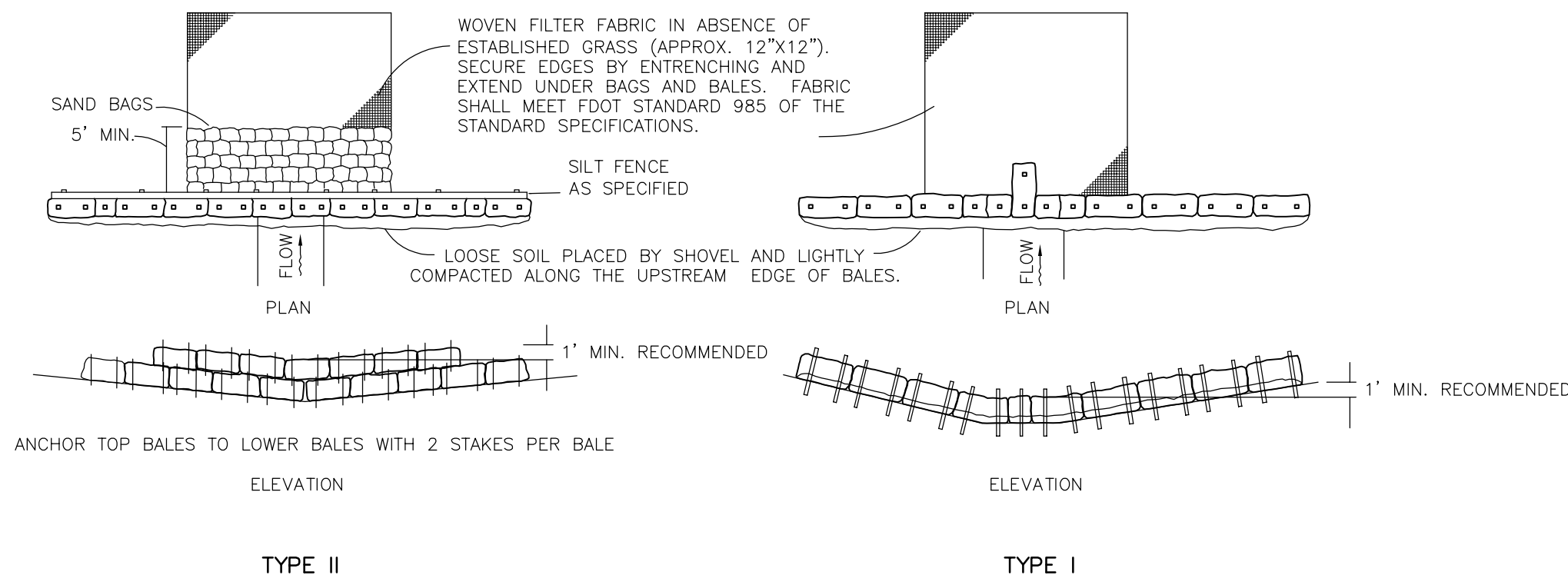
DEAN MARTIN, P.E.
 Florida #52022

NO. 52022
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

DATE:

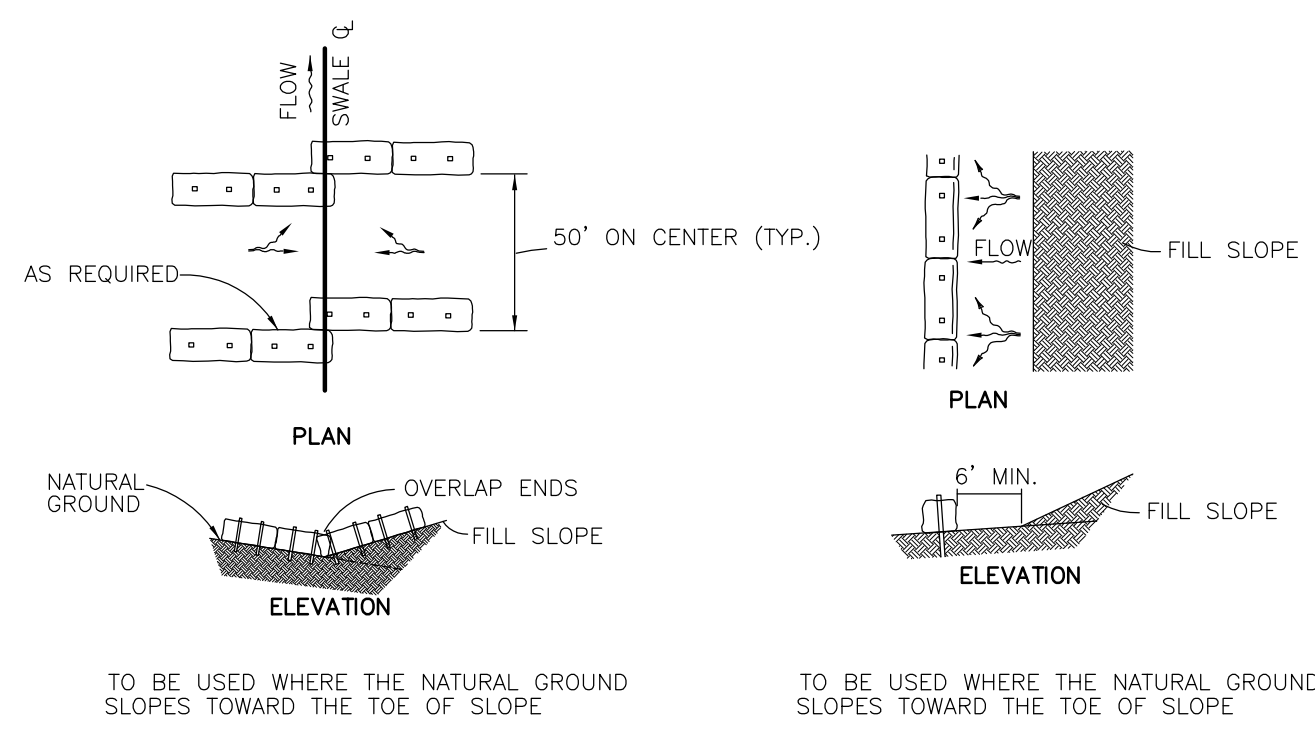
CONSTRUCTION POLLUTION PREVENTION PLAN

- SILT FENCE SHALL BE PROPERLY INSTALLED AT THE PERIMETER OF THE LIMITS OF DISTURBANCE PRIOR TO CONSTRUCTION.
- SYNTHETIC BALE (OR BALE TYPE BARRIER) AND SILT FENCE CHECK DAM BARRIERS SHALL BE INSTALLED IN ALL PROPOSED SWALES AT 200' INTERVALS AFTER SWALE CONSTRUCTION AND SHALL BE MAINTAINED UNTIL FINAL STABILIZATION.
- CLEARING AND GRUBBING DEBRIS SHALL BE REMOVED AND PROPERLY DISPOSED OF BY CONTRACTOR.
- TOPSOIL STOCK PILES AND OTHER DISTURBED AREAS WHERE CONSTRUCTION ACTIVITY CEASES FOR MORE THAN SEVEN (7) DAYS WILL BE STABILIZED WITH TEMPORARY SEEDING AND MULCH WITHIN SEVEN (7) DAYS FROM THE DATE OF LAST CONSTRUCTION ACTIVITY IN THAT AREA.
- PROPOSED SWALES ARE TO BE SODDED OR SEEDDED IMMEDIATELY AFTER CONSTRUCTION PER THE APPROPRIATE CROSS-SECTION.
- ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A LIDDED METAL CONTAINER IN ACCORDANCE WITH LEE COUNTY SOLID WASTE STANDARDS. SAID DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE A WEEK OR MORE OFTEN IF NECESSARY.
- ALL HAZARDOUS OR TOXIC MATERIAL WILL BE PROPERLY CONTAINED AND DISPOSED OF IN ACCORDANCE WITH APPROPRIATE STATE AND FEDERAL REGULATIONS.
- THIS SITE IS TO BE SERVED BY PORTABLE SANITARY FACILITIES DURING CONSTRUCTION. POST CONSTRUCTION WILL BE SERVED BY CONNECTION TO MUNICIPAL FACILITIES.
- THE EFFECTIVENESS OF THE STORMWATER POLLUTION PREVENTION PLAN AND THE TEMPORARY EROSION/SEDIMENT CONTROLS SHALL BE CHECKED DAILY DURING CONSTRUCTION BY CONTRACTOR OR A DESIGNATED REPRESENTATIVE. IF STATE OF FLORIDA WATER QUALITY STANDARDS ARE NOT MET, CORRECTION TO THE PROBLEMS SHALL BE MADE AS SOON AS PRACTICAL.
- SILT FENCING WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO INSURE PROPER ATTACHMENT TO POSTS, AND TO ENSURE POSTS ARE SECURELY PLACED.
- ALL POLLUTION PREVENTION CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. REPAIRS WILL BE INITIATED IMMEDIATELY, BUT NOT LONGER THAN TWENTY-FOUR (24) HOURS AFTER DISCOVERY.
- BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCING WHEN IT REACHES ONE-THIRD (1/3) OF THE HEIGHT OF THE FENCE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAZARDOUS MATERIAL SPILLS OR POLLUTANTS ON SITE. SAID SPILLS SHALL BE CLEANED UP AS SOON AS THEY OCCUR.
- STORMWATER POLLUTION PREVENTION SHALL BE IMPLEMENTED DURING CONSTRUCTION. IF ADDITIONAL TEMPORARY EROSION/SEDIMENT CONTROLS (NOT SHOWN ON THE CONSTRUCTION PLANS) ARE NECESSARY TO MAINTAIN COMPLIANCE WITH STATE OF FLORIDA WATER QUALITY STANDARDS, SUCH CONTROLS SHALL BE DESIGNED, SPECIFIED, LOCATED, AND INSTALLED AS REQUIRED BY ENGINEER/CONTRACTOR OR A DESIGNATED REPRESENTATIVE. ALL TEMPORARY CONTROLS SHALL PREVENT SEDIMENT AND OTHER DEleterious SUBSTANCES FROM ENTERING UTILITY AND STORMWATER DRAIN ENTRANCES, DRAINAGE DITCHES, WATERBODIES, WETLANDS, AND ADJACENT PROPERTY.
- CONTRACTOR OR HIS AGENT WILL INFORM ALL SUBCONTRACTORS OF THE CONSTRUCTION POLLUTION PREVENTION PLAN AS SHOWN ON THIS SHEET AND VERIFY THAT ALL CONCERNED PARTIES ARE COMPLYING WITH THEM.
- ALL CONSTRUCTION ENTRANCES SHOULD BE CLEAR OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. A GEOTEXTILE SHOULD BE LAID DOWN TO IMPROVE STABILITY AND SIMPLIFY MAINTENANCE. GRAVEL SHALL THEN BE PLACED OVER THE GEOTEXTILE A MINIMUM OF 12" THICK.
- ALL BARE AREAS WILL BE SODDED AS SOON AS PRACTICAL. HOWEVER, UNTIL PLACING OF SOIL, THESE AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST.

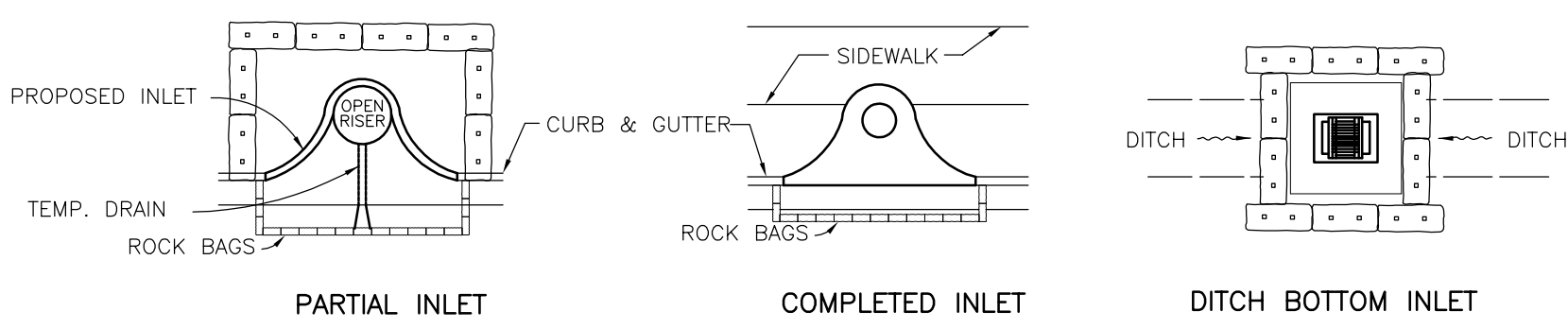


- NOTES:**
- TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE CHART 1, SHEET 1 OF 3, F.D.O.T. STANDARD INDEX NO. 102.
 - RAILS AND POSTS SHALL BE 2" X 4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY ENGINEER.
 - WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

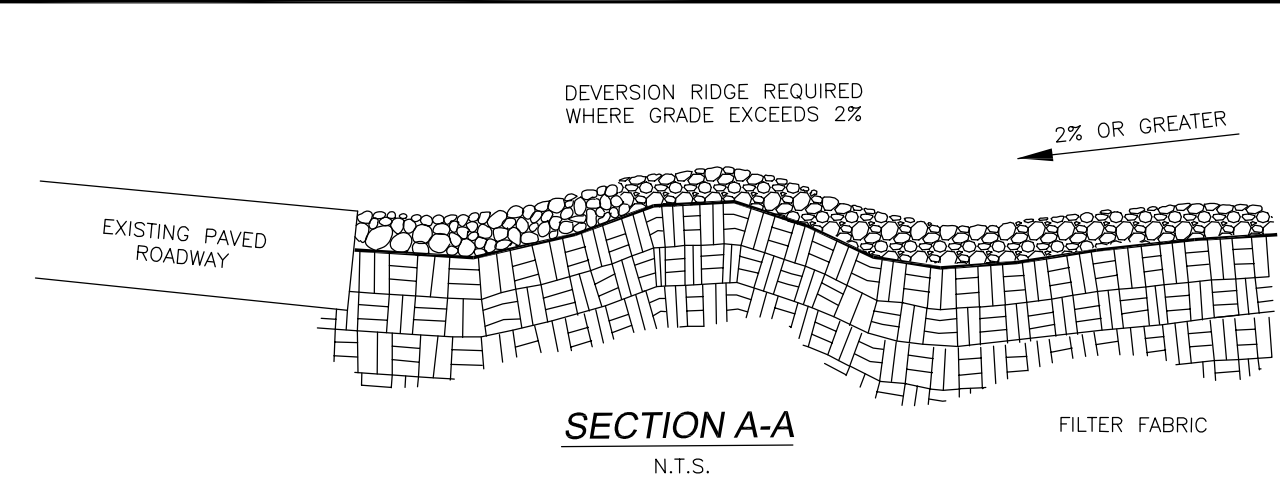
SYNTHETIC BALE OR BALE TYPE BARRIERS FOR UNPAVED DITCHES
N.T.S.



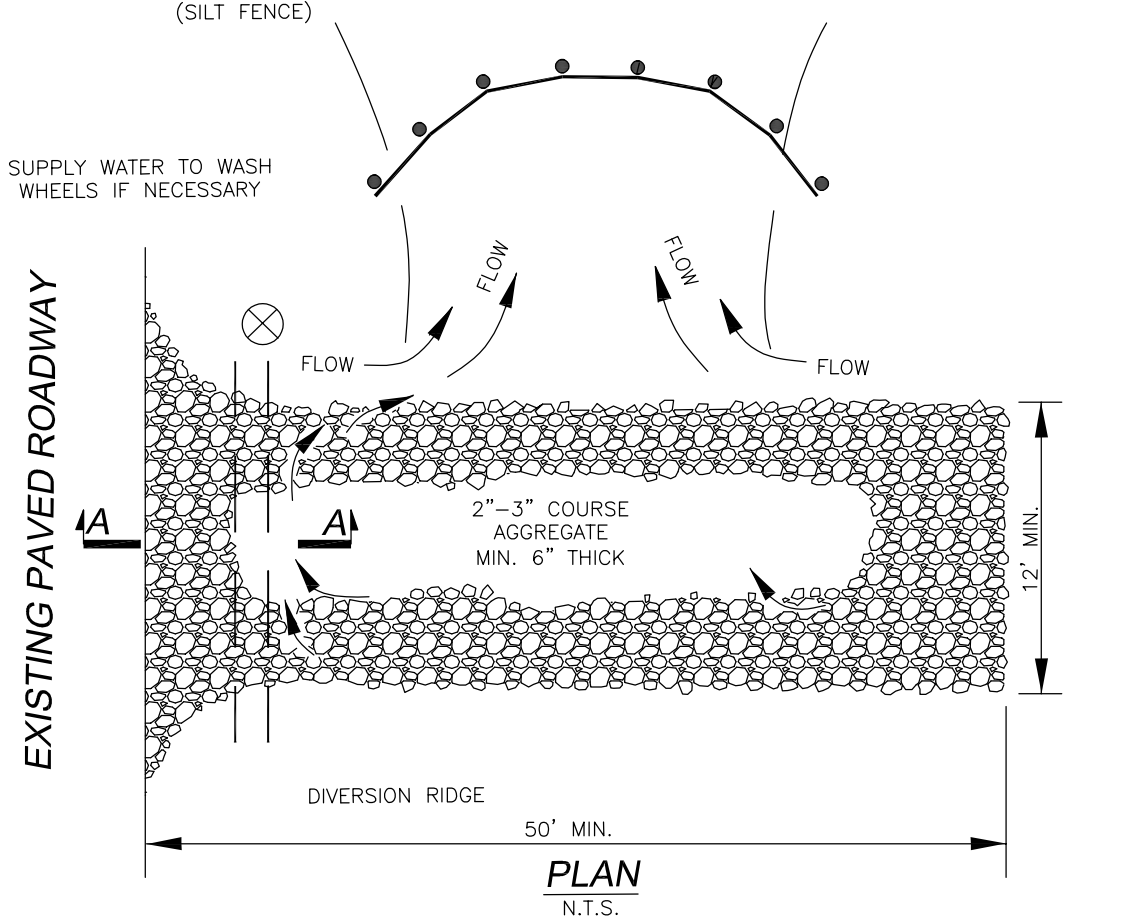
BARRIERS FOR FILL SLOPES
N.T.S.



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
N.T.S.



SECTION A-A
N.T.S.



- NOTES:**
- 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 CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 - ANY SEDIMENT TRACKED ONTO ROADWAYS SHALL BE SWEEP BACK ONTO SITE AT THE END OF EACH WORKING DAY.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
N.T.S.

CITY OF FORT MYERS
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
DATE: 11/2009
DRAWING: E - 1

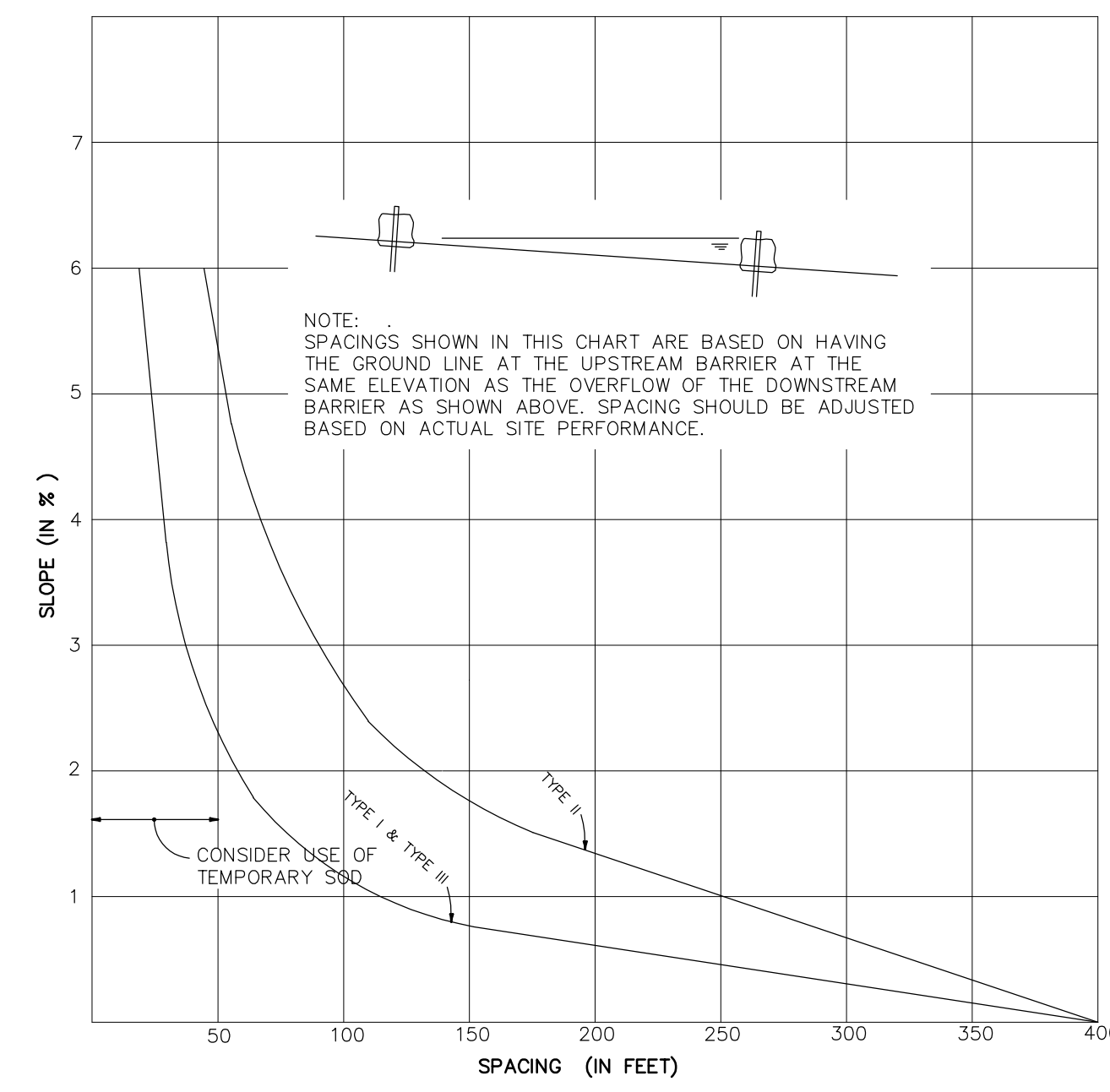
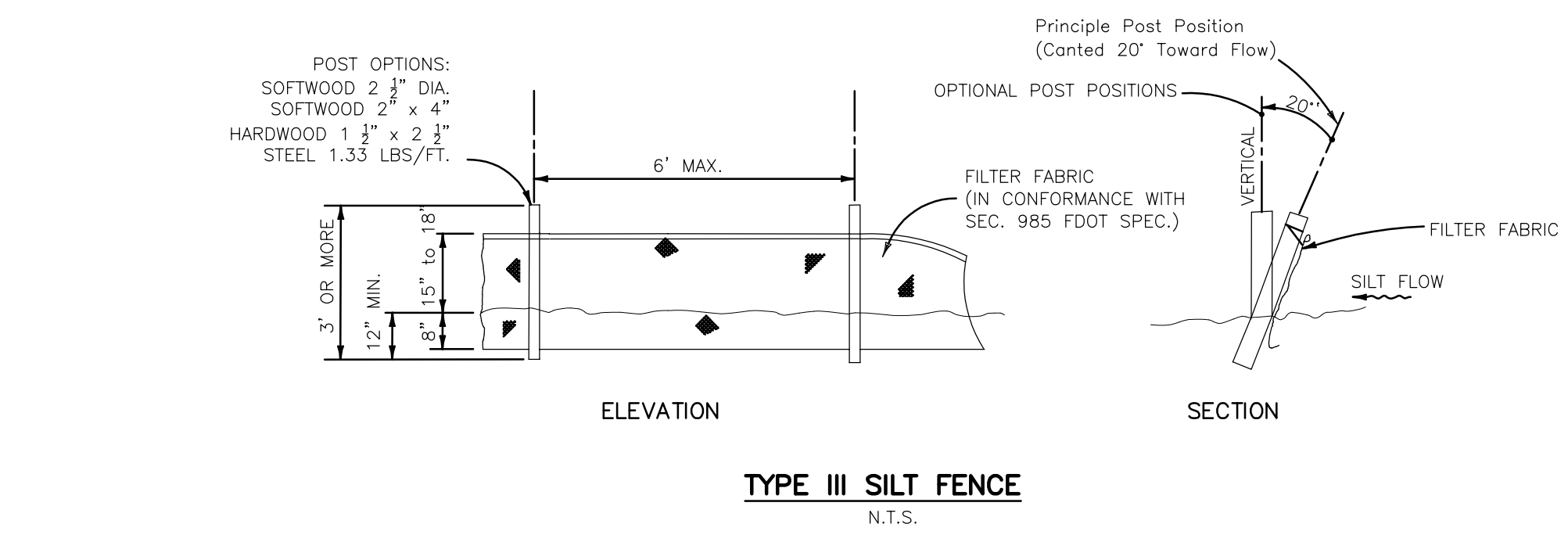
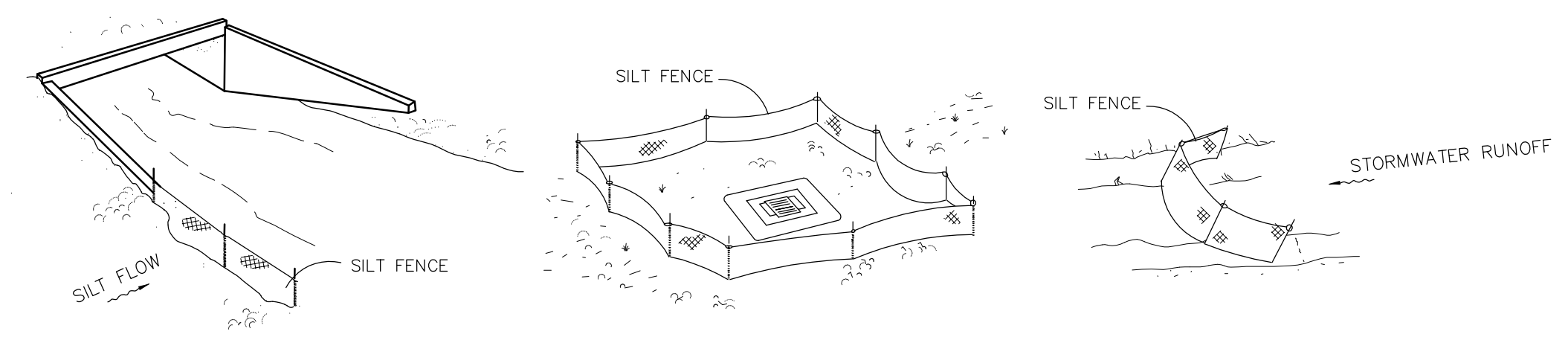


CHART 1

RECOMMENDED SPACING FOR SYNTHETIC BALES OR BALE TYPE BARRIERS AND TYPE III SILT FENCES.



TYPE III SILT FENCE
N.T.S.



SILT FENCE APPLICATIONS
N.T.S.

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

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
09/16/2019	TDM	TDM	TDM	TDM

8111 BROADWAY EAST
STORMWATER POLLUTION PREVENTION DETAILS

Civil Engineering and Planning

dean@tdmconsulting.com
www.tdmcivilengineering.com

TDM CONSULTING, INC.
43 Barkley Circle, Suite 200
Fort Myers, FL 33907
Phone: (239) 433-4231
Fax: (239) 433-9632

STATE OF FLORIDA
DEAN MARTIN, P.E.
Florida #52022

SHEET # **11** of **12**
SCALE: N.T.S.

STREET ADDRESS

8111 BROADWAY E
ESTERO FL, 33928

STRAP NUMBERS

28-46-25-E2-U1923.2494

LIGHTING NOTES:

1. ALL SITE LIGHTING IS PROGRAMMED TO AUTOMATICALLY TURN ON AT DUSK AND MAY BE TURNED OFF AT OWNER'S DISCRETION TO THE MINIMUM LEVEL NEEDED (APPROXIMATELY A 50% REDUCTION) UNDER THE IESNA TO ENSURE SAFETY AND SECURITY.
2. ALL FIXTURES ARE FULL CUTOFF DISTRIBUTION AND MOUNTED @ 0° DOWN POSITION.
3. NO FLOODLIGHTS ARE PROPOSED.
4. ALL LIGHT POLES ARE 25' HIGH. ALL WALL-MOUNTED FIXTURES ARE 10' HIGH.
5. PLAN DEPICTS EFFECT OF PROPOSED LIGHTING ONLY AND DOES NOT TAKE INTO ACCOUNT IMPACTS OF OFF-SITE FEATURES.
6. EX. POLES THAT ARE TO BE RE-FITTED ARE TO REMAIN. ALL NEW PROPOSED POLES & FIXTURES ARE TO BE PACIFIC LIGHTING AND STANDARDS CO. MB SERIES (DIRECT BURIAL)

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
□	L-1	4	DSX1 LED 30C	DSX1 LED WITH (1) 30 LED LIGHT ENGINES, LEFT ROTATED TYPE	LED	DSX1_LED_30C_530_30K_T3M_MVOLT_HS.ies	Absolute	1.00	52.4
□	L-1*	3	530 30K T3M MVOLT HS	T3M OPTIC, 3000K, @ 530mA WITH HOUSE SIDE SHIELD					
□	L-2	2	W4P LED 20C 700 40K T3M	W4P LED, W/20 4000K 219B LEDs, T3M OPTICS AND 700mA DRIVER. TEMP. 57.0C	LED	W4P_LED_20C_700_40K_T3M.ies	Absolute	1.00	45.0

* = □ EX. POLE TO BE RE-FITTED
□ W/ NEW FIXTURE (DSX1 LED)

STATISTICS

Description	Symbol	Avg	Max	Min
Boundary	+	0.1 fc	0.5 fc	0.0 fc
Parking/Paved Area	+	0.8 fc	2.4 fc	0.0 fc

PACIFIC LIGHTING & STANDARDS CO.
2831 Lee Flores Blvd., Lynwood, CA 90262 Tel: 310.603.9344 Fax: 310.603.9421

LED MB

CONSTRUCTION: Durable corrosion resistant cast aluminum base with two piece cast aluminum base cover. The pole shall be 4" dia. x 3/16" and 3" dia. x 3/16" wall thickness extruded 6063 T5 aluminum alloy.

ANCHOR BOLTS: 3/4" x 10" x 3" up to 18" and 1/4" x 24" x 3" from 20" up to 25". Fabricated from hot rolled steel. Hot dip galvanized.

FINISH: Polyester powder fuse coating. PP-Primer Painted BK-Black Paint B2- Bronze Paint GK- Green Paint VG- Verde Green (for other colors consult factory).

Ordering Information:

1. Model Number: MOD# H A B C BC
DBR-4N 16 max 14" 36" 6" 9 1/2"
DBR-4F 16 max 14" 36" 6" 9 1/2"
DBR-5N 21 max 19" 48" 8" 11 1/2"
DBR-5F 21 max 19" 48" 8" 11 1/2"

2. Pole Ht.
3. Finish
4. Options
DR - Duplex Receptacle
GFI - Ground Fault Interrupter

UL LISTED FOR WET LOCATIONS
www.pacificlighting.com

PACIFIC LIGHTING & STANDARDS CO.
2831 Lee Flores Blvd., Lynwood, CA 90262 Tel: 310.603.9344 Fax: 310.603.9421

DBRS SERIES

CONSTRUCTION: Durable corrosion resistant cast aluminum base with two piece cast aluminum base cover. The pole shall be 4" dia. x 3/16" and 3" dia. x 3/16" wall thickness extruded 6063 T5 aluminum alloy.

ANCHOR BOLTS: 3/4" x 10" x 3" up to 18" and 1/4" x 24" x 3" from 20" up to 25". Fabricated from hot rolled steel. Hot dip galvanized.

FINISH: Polyester powder fuse coating. PP-Primer Painted BK-Black Paint B2- Bronze Paint GK- Green Paint VG- Verde Green (for other colors consult factory).

Ordering Information:

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DBR-5F 21 max 19" 48" 8" 11 1/2"

2. Pole Ht.
3. Finish
4. Options
DR - Duplex Receptacle
GFI - Ground Fault Interrupter

UL LISTED FOR WET LOCATIONS
www.pacificlighting.com



1" = 20'

DATE	DESIGNED BY	TDM	DRAWN BY	SLD	CHECKED BY	TDM	APPROVED BY	TDM
09/16/2019								

8111 BROADWAY EAST
SITE LIGHTING PLAN

Civil Engineering and Planning

TDM CONSULTING, INC.
43 Barkley Circle, Suite 200
Fort Myers, FL 33907
Phone: (239) 433-4231
Fax: (239) 433-9632

DEAN MARTIN, P.E.
Florida #52022

VALID ONLY WITH ABOARDING SEAL

DATE:

SHEET # **12** of **12**
SCALE: AS NOTED