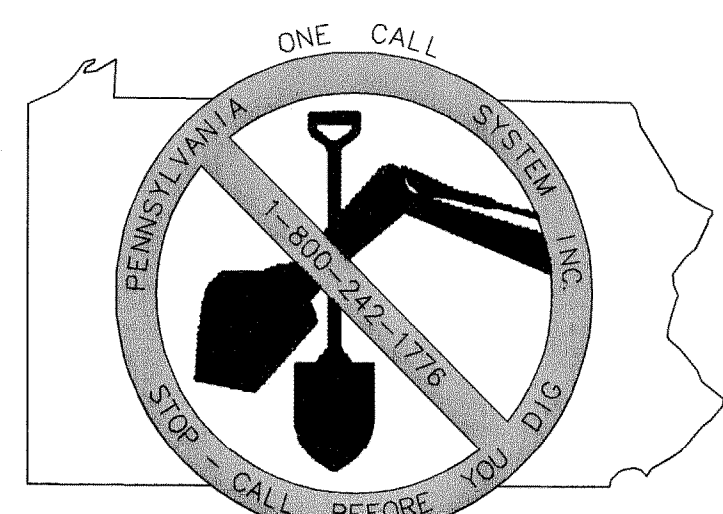


GENERAL NOTES

- THE PURPOSE OF THIS PLAN IS TO DEVELOP THIS LOT FOR A 20,000 SQ. FT. COMMERCIAL BUILDING WITH ASSOCIATED PARKING AND LOADING DOCK AREAS, AND TO ACQUIRE ALL PERMITS AND APPROVALS AS REQUIRED.
- OWNER: LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY (LIDA)
5540 COFFEY AVENUE
CHAMBERSBURG, PA 17201
- CONTACT: JOHN VAN HORN, EXECUTIVE DIRECTOR
(717) 267-9351
- TITLE REFERENCES:
LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
PART OF DEED BOOK 1414, PAGE 204
PART OF DEED BOOK 1904, PAGE 388
PART OF DEED BOOK 2424, PAGE 440
PLAN REFERENCE INSTR. # 201001977 PARCEL 27B
TAX MAP 09-C-35, PARCEL 23EX AND 91
RECORDED EASEMENTS: DEED BOOK 1453, PAGE 421
DEED BOOK 1922, PAGE 483
DEED BOOK 2821, PAGE 181
- FLOOD PLAIN: THIS SITE IS ENTIRELY WITHIN ZONE X, AREA DETERMINED TO BE OUTSIDE OF THE 100 YEAR FLOOD PLAIN, ACCORDING TO THE F.I.R.M. MAPS FOR GREENE TOWNSHIP, FRANKLIN COUNTY, PA, COMMUNITY PANEL NO. 421649 0005 B, DATED NOVEMBER 2, 1990.
- WETLANDS: IT IS DETERMINED THAT WETLANDS EXIST ON THIS SITE AND ARE DELINEATED ON THIS PLAN FROM GTS TECHNOLOGIES BY A REPORT DATED MAY 15, 2002.
- ALL EASEMENTS, RIGHT-OF-WAYS, RESTRICTIONS AND/OR COVENANTS OF RECORD ARE INTENDED TO BE SHOWN ON THIS PLAN HOWEVER, DENNIS E. BLACK ENGINEERING INC. DOES NOT CERTIFY TO THE COMPLETENESS AND LEGITIMACY OF LAND TITLE ISSUES.
- CONTOURS SHOWN HEREON ARE PLOTTED FROM THE PLAN RECORDED IN INSTRUMENT # 201001977 BY MARTIN AND MARTIN DATED NOV. 10, 2009 AND UPDATED BY FIELD SURVEYED TOPOGRAPHY BY DENNIS E. BLACK ENGINEERING INC. ON OCTOBER 31, 2011, 2011. VERTICAL DATUM IS NAVD 88.
- ZONING DATA:
HEAVY INDUSTRIAL (HI)
BUILDING SETBACK RESTRICTIONS
FRONT YARD - 75 FEET
EACH SIDE YARD - 30 FEET
REAR YARD - 50 FEET
HEIGHT (MAX) - 45 FEET
- AREA: 154,896 SQUARE FEET OR 3.5559 ACRES
- THIS SITE IS NOT LISTED AS AN AGRICULTURAL SECURITY AREA ON THE GREENE TOWNSHIP COMPREHENSIVE PLAN UPDATE DATED APRIL 12, 2007.
- VALUABLE NATURAL RESOURCES THAT HAVE BEEN IDENTIFIED ON THIS PROPERTY INCLUDE WETLANDS WHICH HAVE BEEN DELINEATED AND ARE NOT TO BE DISTURBED. NO OTHER VALUABLE OR SENSITIVE NATURAL RESOURCES (EX. STEEP SLOPES, NATURAL WATERCOURSES, FLOODPLAINS, RIPARIAN BUFFERS, KARST GEOLOGY, CONSERVATION EASEMENTS, WILDLIFE HABITAT, ETC.) HAVE BEEN IDENTIFIED ON THE PROPERTY.
- SURVEY DATA:
HORIZONTAL DATUM IS THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.
VERTICAL DATUM IS NAVD 88.
- PA DEP PLANNING MODULE CODE NO. A3-28907-470-3 WAS PREVIOUSLY APPROVED FOR THIS DEVELOPMENT AS PART OF THE CUMBERLAND VALLEY BUSINESS PARK BY LETTER DATED JULY 16, 1999.
- WATER SERVICE:
WATER IS PROVIDED BY FRANKLIN COUNTY GENERAL AUTHORITY. ALL WATER SERVICE CONSTRUCTION MUST BE ACCORDING TO THE FRANKLIN COUNTY GENERAL AUTHORITY SPECIFICATIONS.
- SANITARY SEWER SERVICE:
SANITARY SEWER SERVICE IS PROVIDED BY THE FRANKLIN COUNTY GENERAL AUTHORITY. ALL CONSTRUCTION RELATED TO THIS SEWER MUST BE IN ACCORDANCE WITH THE FRANKLIN COUNTY GENERAL AUTHORITY.
- SUPPORTING DOCUMENTATION:
THE FOLLOWING DOCUMENTS ARE BEING SUBMITTED IN SUPPORT OF THE REVIEW AND APPROVAL OF THIS LAND DEVELOPMENT PLAN.
PA DEP PLANNING MODULE CODE NO. A3-28907-470-3 APPROVAL LETTER DATED JULY 16, 1999.
EROSION AND SEDIMENTATION CONTROL PLAN AND APPLICATION
- DRAINAGE EASEMENTS AND CHANNELS SHALL NOT BE OBSTRUCTED WITH TREES, SHRUBBERY, OR STRUCTURES.
- THE OWNER, ITS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE STORM WATER MANAGEMENT FACILITIES. GREENE TOWNSHIP RESERVES THE RIGHT TO ENTER SAID LOT TO MAINTAIN SAID STORM WATER MANAGEMENT FACILITIES IN THE EVENT THE OWNER, ITS SUCCESSORS OR ASSIGNS, FAIL TO DO SO. FURTHERMORE, GREENE TOWNSHIP RESERVES THE RIGHT TO ENTER ALL PERMANENT STORM WATER MANAGEMENT FACILITIES TO INSPECT SAME. IF ANY ARE ELIMINATED, ALTERED, OR IMPROPERLY MAINTAINED, THE OWNER SHALL BE ADVISED AND BE PROVIDED WITH AN OPPORTUNITY TO TAKE THE NECESSARY CORRECTIVE ACTION. IF SUCH ACTION IS NOT TAKEN BY THE OWNER, GREENE TOWNSHIP MAY CAUSE THE WORK TO BE DONE AND A LIEN FOR ALL COSTS ASSOCIATED HERewith MAY BE PLACED AGAINST THE PROPERTY. A NOTE TO THIS EFFECT SHALL ALSO APPEAR ON ALL RECORDED DEEDS FOR THIS PROPERTY.
- THIS LAND DEVELOPMENT PLAN IS SUBJECT TO, AND THE APPLICANT AGREES TO COMPLY WITH, ALL ESTABLISHED TOWNSHIP PERFORMANCE STANDARDS AS IDENTIFIED IN CHAPTER 5 (ZONING) SECTIONS 105-58 AND 105-51.

SURVEYORS CERTIFICATION
I HEREBY CERTIFY THAT THE SURVEY INFORMATION SHOWN ON THIS PLAN REPRESENTS A SURVEY MADE BY ME, OR UNDER MY PERSONAL SUPERVISION TO AN ACCURACY OF AT LEAST 1 PART IN 10,000; THAT IT IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND THAT THIS PLAN CORRECTLY SETS FORTH ALL DATA OBTAINED IN THE SAID SURVEY.
Steven P. Wolfe
STEVEN P. WOLFE, PLS #80024472E



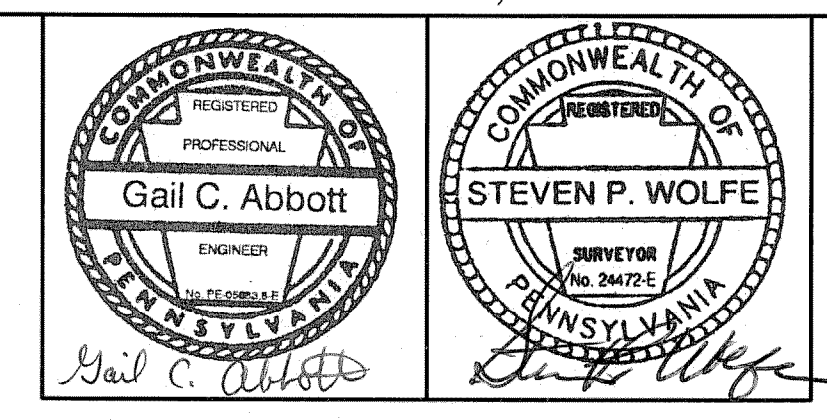
PA ACT 287 (1974) AS AMENDED BY PA ACT 121 (2008) REQUIRES NO LESS THAN THREE WORKING DAYS AND NO MORE THAN 10 WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH.

1-800-242-1776
SERIAL NO. 20112730900

Preliminary Land Development Plan for Lot 27B for Letterkenny Industrial Development Authority located in the Cumberland Valley Business Park Greene Township, Franklin County, PA

PREPARED BY:

DENNIS E. BLACK ENGINEERING, INCORPORATED
ENGINEERING - SURVEYING - PLANNING
2400 PHILADELPHIA AVENUE
CHAMBERSBURG, PA. 17201



STORM WATER MANAGEMENT PLAN CERTIFICATION
I, *Gail C. Abbott*, a registered professional engineer, hereby certify that the drainage plan meets all the requirements of the Greene Township Stormwater Management Ordinance.

LIMESTONE CERTIFICATION
I, *Gail C. Abbott*, certify the following:
The soils on this site are classified as the Edom series. Given that Edom soils are not categorized as limestone soil, there is a very low probability that limestone bedrock exists on this property. If bedrock or sinkholes are encountered during construction, the contractor shall notify the Dennis E. Black Engineering Inc. If a sinkhole develops at any time in the future, water shall be immediately diverted away from the sinkhole until the sinkhole can be repaired. The Owner shall contact an engineer and/or geologist familiar with sinkhole repair, to determine procedures for repairing the sinkhole.



- COVER SHEET
- EXISTING CONDITIONS PLAN
- SITE & GRADING PLAN
- 3B. LIGHTING PLAN
- SOIL EROSION & SEDIMENTATION CONTROL PLAN
- POST CONSTRUCTION STORM WATER MANAGEMENT (PCSWM) PLAN
- SOIL EROSION & SEDIMENTATION CONTROL DETAILS
- PCSWM NOTES & DETAILS
- CONSTRUCTION DETAILS

OWNERS CERTIFICATION

It is hereby certified that the undersigned has legal or equitable title to the land shown, that the land development plan was prepared at their direction and is submitted with the free will and consent of those who have signed, and that all public rights-of-way, public improvements, utility, drainage, stormwater management and sanitary sewer easements shown and not heretofore dedicated are hereby tendered for dedication to the public use.

State of Pennsylvania
County of Franklin

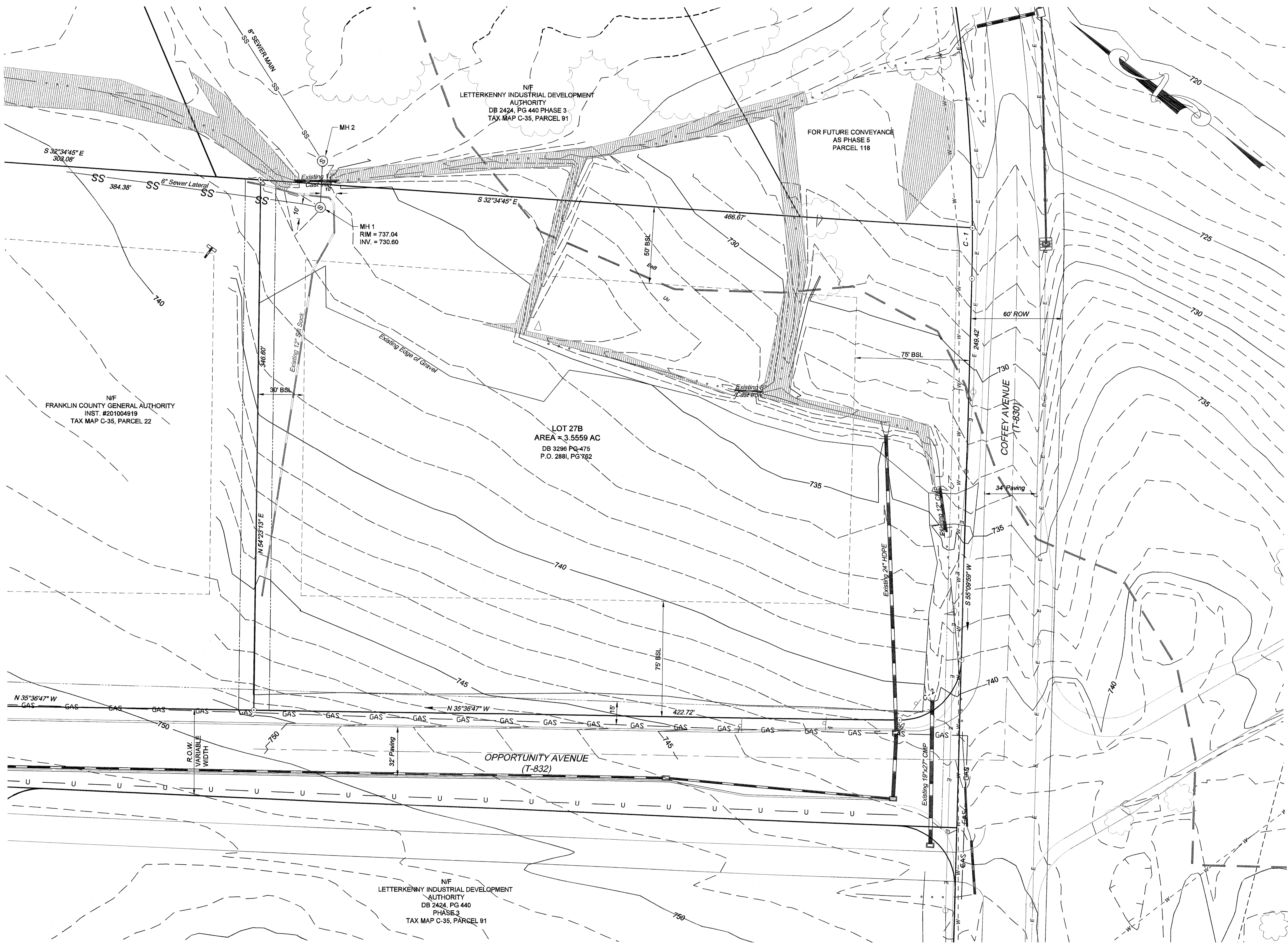
Personally appeared before me, a notary public, in and for the state and county aforesaid,.....
John Van Horn
John Van Horn
Letterkenny Industrial Development Authority (L.I.D.A.)

Who acknowledges this plan to be John Van Horn
(His, Her, or Their)
act and deed and desires the same to be recorded as such.

Witness my hand notarial seal
This 18th day of July, 2012.

September 23, 2013
My Commission Expires
Cindy L. Lawver

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Cindy L. Lawver, Notary Public
Greene Twp., Franklin County
My Commission Expires Sept. 22, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES



- ELEV:** **LEGEND**
- BENCHMARK
 - CONCRETE MONUMENT
 - DRILL HOLE
 - GUY POLE AND WIRE
 - UTILITY POLE
 - IRON PIN
 - DEEP HOLE
 - WELL
 - CABLE PEDESTAL
 - ELECTRIC TRANSFORMER PAD
 - TELEPHONE PEDESTAL
 - LIGHT POLE
 - EXISTING FIRE HYDRANT
 - PROPOSED FIRE HYDRANT
 - GAS VALVE
 - SANITARY SEWER MANHOLE
 - WATER VALVE
 - DIRECTION OF FLOW
 - HANDICAP PARKING STALL
 - CENTERLINE
 - PROPERTY LINE
 - EXISTING PROPERTY LINE
 - CENTERLINE
 - EASEMENT or RIGHT OF WAY LINE
 - BUILDING SETBACK LINE
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - EXISTING WATER LINE
 - EXISTING UNDERGROUND CONDUIT
 - EXISTING GAS LINE
 - EXISTING OVERHEAD ELECTRIC LINE
 - IRON PIN (TO BE SET)
 - EX. IRON PIN
 - ROW
 - IRON PIN FOUND
 - SOIL BOUNDARY
 - WETLANDS

CURVE DATA

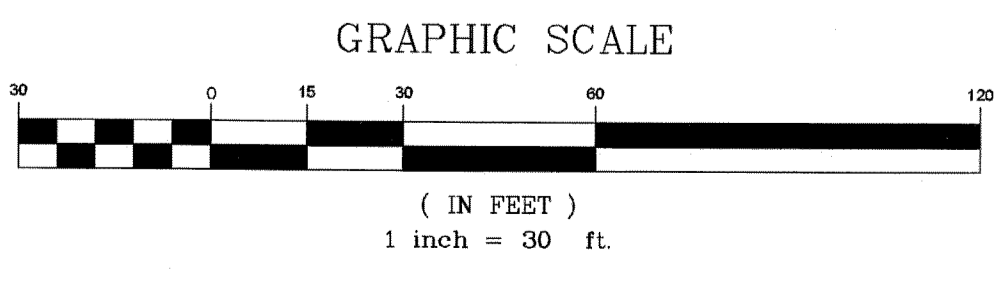
CURVE	RADIUS	ARC	CHORD BEARING	CHORD DISTANCE
C - 1	1020.05'	33.05'	S54°14'17"W	33.05'
C - 2	40.00'	62.29'	N80°13'24"W	56.18'

EXISTING CONDITIONS
Preliminary
Land Development Plan for Lot 27B
 for
 Letterkenny Industrial Development Authority
 located in the
 Cumberland Valley Business Park
 Greene Township, Franklin County, PA

DENNIS E. BLACK ENGINEERING, INCORPORATED
 ENGINEERING - SURVEYING - PLANNING
 2400 PHILADELPHIA AVENUE 222 NORTH SECOND STREET
 CHAMBERSBURG, PA 17201 McCONNELLSBURG, PA 17233
 (717)263-8794 (888)238-0661 (717)485-4028

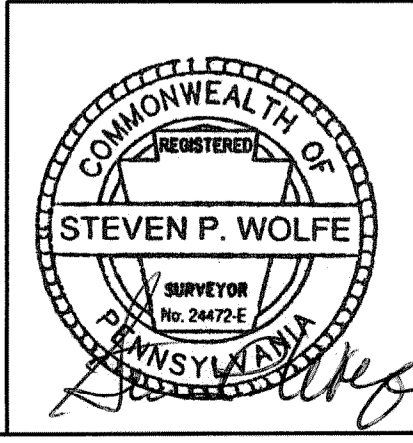
DWN_GCA	CLIENT No. 3366	ORDER No. 110053	SHEET 2 OF 8
CHK_GCA	DATE 4-16-12	AUTOCAD DRAWING REF. NUMBER	DRAWING No. 12-10
APP. <i>[Signature]</i>	SCALE 1"=30'	MARGIN	

THE ORIGINAL DRAWING AND THE INFORMATION SHOWN THEREON ARE THE PROPERTY OF D. E. BLACK ENG., INC. AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION.



REVISIONS

NO.	DATE	DESCRIPTION	BY
1	7/3/12	Revised per Township Comments	GCA



FILE:\N\Land Projects\2011\110053\dwg\Sheet Files\110053-2_EsConditions Plan.dwg LAYOUT:2-24x36 BY: Gail Abbott ON:7/13/2012 11:55 AM
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SITE NOTES:

- OWNER/APPLICANT: LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY (LIDA)
5540 COFFEY AVENUE
CHAMBERSBURG, PA 17201
CONTACT: JOHN VAN HORN, EXECUTIVE DIRECTOR
(717) 267-8951
- TITLE REFERENCES:
LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
PART OF DEED BOOK 1414, PAGE 204
PART OF DEED BOOK 1904, PAGE 388
PART OF DEED BOOK 2424, PAGE 440
PLAN REFERENCE INSTR. # 2010019177 PARCEL 27B
TAX MAP 09-C-35, PARCEL 23EX AND 91
RECORDED EASEMENTS: DEED BOOK 1453, PAGE 421
DEED BOOK 1922, PAGE 483
DEED BOOK 2821, PAGE 181
- PROJECT AREA: 3.56 ACRES
- EXISTING ZONING: HEAVY INDUSTRIAL (HI)
- EXISTING/HISTORICAL USES: U.S. ARMY OUTDOOR STORAGE
- PROPOSED USES: MANUFACTURING / WAREHOUSING
- BUILDING SETBACK (MIN.) REQUIRED: FRONT 75'
SIDE 30'
PER ZONING ORDINANCE REAR 50'
- EXISTING IMPERVIOUS COVERAGE: 2.1 ACRES
PROPOSED IMPERVIOUS COVERAGE: 1.8 ACRES
- PUBLIC WATER (FRANKLIN COUNTY GENERAL AUTHORITY)
PUBLIC SEWER (FRANKLIN COUNTY GENERAL AUTHORITY)
SERVICES ARE AVAILABLE.
- OFF STREET PARKING REQUIREMENTS:
20,000 SQ. FT. BUILDING TOTAL = 20 SPACES @ 1 SPACE / 1,000 SQ FT
PROPOSED SPACES = 24 SPACES

LEGEND

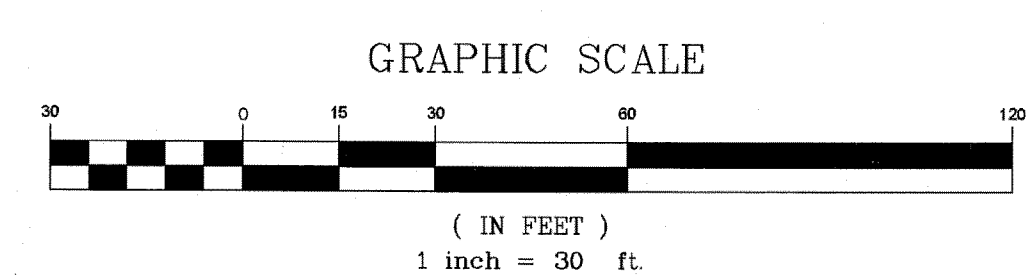
ELEV.

- CMF BENCHMARK
- CONCRETE MONUMENT
- DRILL HOLE
- GUY POLE AND WIRE
- UTILITY POLE
- IPS IRON PIN
- DEEP HOLE
- WELL
- CABLE PEDESTAL
- ELECTRIC TRANSFORMER PAD
- TELEPHONE PEDESTAL
- LIGHT POLE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- GAS VALVE
- SANITARY SEWER MANHOLE
- WATER VALVE
- DIRECTION OF FLOW
- HANDICAP PARKING STALL
- CENTERLINE
- PROPERTY LINE
- EXISTING IRON PIN
- IP IRON PIN
- RRS RAILROAD SPIKE
- PK/W PARKER KAYLON NAIL & WASHER
- PT POINT
- N/F NOW OR FORMERLY
- FH FIRE HYDRANT
- GV GATE VALVE

EX. EXISTING
IP IRON PIN
RRS RAILROAD SPIKE
PK/W PARKER KAYLON NAIL & WASHER
PT POINT
N/F NOW OR FORMERLY
FH FIRE HYDRANT
GV GATE VALVE

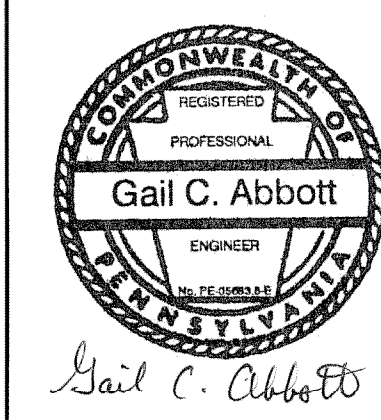
- PROPERTY LINE
- EXISTING PROPERTY LINE
- CENTERLINE
- EASEMENT OF RIGHT OF WAY LINE
- BUILDING SETBACK LINE
- SSL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING WATER LINE
- EXISTING UNDERGROUND CONDUIT
- EXISTING GAS LINE
- ETC EXISTING OVERHEAD ELECTRIC LINE
- IRON PIN (TO BE SET)
- EXISTING IRON PIN
- RIGHT OF WAY
- IRON PIN FOUND
- SOIL BOUNDARY
- WETLANDS
- GRAVEL AREA
- PAVED PARKING
- REVEGETATED AREA

CLEAR SIGHT TRIANGLE NOTE:
NOTHING SHALL BE ERRECTED, PLACED, PLANTED, OR ALLOWED TO GROW IN SUCH A MANNER AS TO LIMIT OR OBSTRUCT THE SIGHT DISTANCES OF MOTORISTS ENTERING OR LEAVING THE DRIVEWAY INTERSECTION.



REVISIONS

NO.	DATE	DESCRIPTION	BY
1	7/18/12	Revised per Township Comments	GCA



SITE / GRADING PLAN

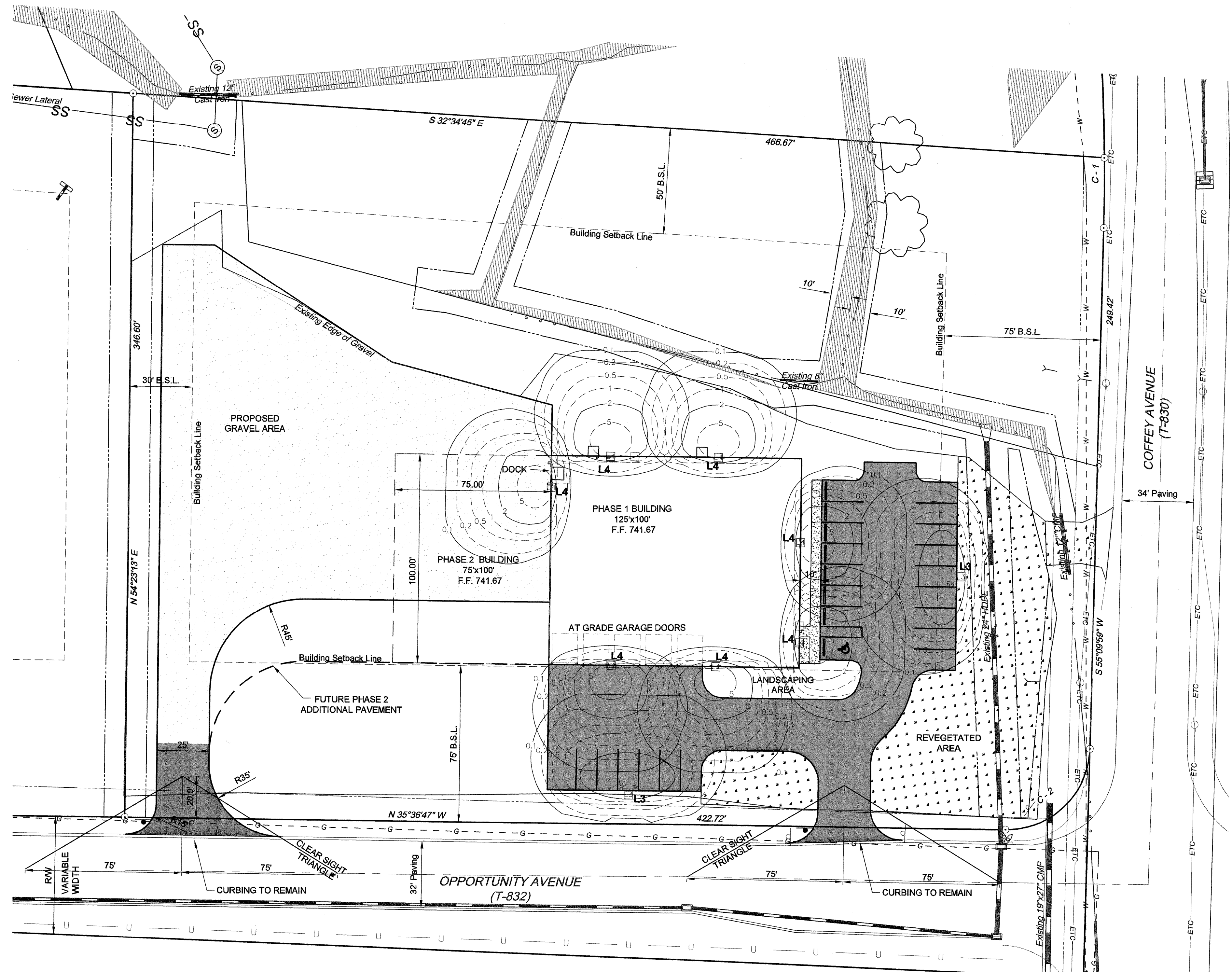
Preliminary
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DWN_CMA CLIENT No. 3366 ORDER No. 110053 SHEET 3 OF 8
CHK_LSK DATE 4-16-12 AUTOCAD DRAWING REF. NUMBER DRAWING No.
APP. SCALE 1"=30' MARGIN NUMBER 12-10

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N:\Land Projects\2011\10053\Map\Sheet Files\110053_3_Site Plan.dwg, Revised Grading, 7/19/12, 2:19:41 PM, GCA
 N:\Land Projects\2011\10053\Map\Sheet Files\110053_3_Site Plan.dwg, Revised Grading, 7/19/12, 2:19:41 PM, GCA
 LAYOUT: Revised Grading BY: Gail Abbott ON: 7/19/2012 2:19 PM
 FILE: N:\Land Projects\2011\10053\Map\Sheet Files\110053_3_Site Plan.dwg



RAB Lighting - ALED3T78

High Output LED Light Engine
Maintains 70% of initial lumens at 50,000 hours
Weatherproof high temperature silicone gaskets
Superior Heat Sinking with Die Cast Aluminum Housing and External Fins
Replaces 250W MH Area Lights
5-Year Warranty

Color: Bronze

LED Info
Watts: 78W
Color Temp: 5100K (Cool)
Color Accuracy: 88
L70 Lifespan: N/A
LM79 Lumens: 4,589
Efficacy: 54 LPW

Driver Info
Type: Constant Current
Voltage: 120V
Current: 0.78 A
208V: 0.35 A
240V: 0.44 A
277V: 0.38 A
Input Watts: 91W
Efficiency: 86%

Weight: 30.4 lbs

Technical Specifications
IES Classification: The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.
LEDs: Six (6) multi-chip, 13W, high-output, long-life LEDs
Drivers: Three drivers, constant current, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .04 Amps.
Fixture Efficacy: 55 Lumens per Watt
Ambient Temperature: Suitable for use in 40C ambient temperatures.
Surge Protection: 6 kV
Cold Weather Starting: The minimum starting temperature is -40F/-40C
Thermal Management: Superior heat sinking with external Air-Flow fins.
Effective Projected Area: EPA = 0.75
Housing: Die cast aluminum housing, lens frame and mounting arm.
Color Stability: RAB LEDs exceed industry standards for chromatic stability.
Color Accuracy: 68 CRI
Color Temperature (Nominal CCT): 5100K
Color Uniformity: RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.
Reflector: Specular aluminum.
Gaskets: High temperature silicone gaskets.
Finish: Chip and face resistant polyester powder coat finish.
Green Technology: Mercury and UV free.
IESNA LM-79 & IESNA LM-80 Testing: RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.
Replacement: The ALED3T78 replaces 250W Metal Halide Area Lights.
California Title 24: ALED3T78 complies with California Title 24 building and electrical codes.
Warranty: LED fixtures give you peace of mind because both the fixture and driver components are backed by RAB's 5 Year Warranty. For more information, click here.
Patents: The ALED design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.
For use on LEED Buildings: The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.
Dark Sky Approved: The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.
UL Listing: Suitable for wet locations as a downlight.

- ELEV:**
- LEGEND**
- CMF
 - CONCRETE MONUMENT
 - DRILL HOLE
 - GUY POLE AND WIRE
 - UTILITY POLE
 - IRON PIN
 - DEEP HOLE
 - WELL
 - CABLE PEDESTAL
 - ELECTRIC TRANSFORMER PAD
 - TELEPHONE PEDESTAL
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 - EXISTING PROPERTY LINE
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 - RAILROAD SPIKE
 - PARKER KAYLON NAIL & WASHER POINT
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 - EXISTING
 - ROW
 - IRON PIN FOUND
 - SOIL BOUNDARY
 - WETLANDS
 - GRAVEL AREA
 - PAVED PARKING
 - REVEGETATED AREA

- LIGHTING NOTES:**
- NO USE SHALL PRODUCE A STRONG DAZZLING LIGHT OR A REFLECTION OF A STRONG DAZZLING LIGHT OR GLARE BEYOND ITS LOT LINES.
 - EXTERIOR LIGHTING SHALL BE SHIELDED, BUFFERED, AND DIRECTED SO THAT GLARE WILL NOT BECOME A NUISANCE TO ADJOINING PROPERTIES, ADJOINING DISTRICTS, OR STREETS.
 - THE LIGHTING PLAN SHOWN ON THIS PLAN PROVIDES A GENERALIZED LIGHTING PLAN TO ILLUMINATE PARKING AREAS, DOORWAYS, ENTRANCES, AND SIDEWALKS. LIGHTING PROFESSIONALS SPECIALIZING IN LIGHTING DESIGN MAY ALTER THE PROPOSED LIGHTING PLAN TO SUIT THE NEEDS OF THE BUILDING OWNER IN ACCORDANCE WITH ALL APPLICABLE CODES.
 - THE TYPE AND SIZE OF LIGHTING CONDUITS SHALL BE DETERMINED BY THE LIGHTING SUB-CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE CODES.

RAB LIGHTING Tech Help Line: 888-RAB-1000 Email: sales@rabweb.com On the web at: www.rabweb.com
Copyright ©2012 RAB Lighting, Inc. All Rights Reserved. Note: Specifications are subject to change without notice.

ALED4T78

High Output LED Light Engine
Maintains 70% of initial lumens at 50,000 hours
Weatherproof high temperature silicone gaskets
Superior Heat Sinking with Die Cast Aluminum Housing and External Fins
Replaces 250W MH Area Lights
5-Year Warranty

Color: Bronze

LED Info
Watts: 78W
Color Temp: 5100K (Cool)
Color Accuracy: 88
L70 Lifespan: N/A
LM79 Lumens: 4,589
Efficacy: 54 LPW

Driver Info
Type: Constant Current
Voltage: 120V
Current: 0.78 A
208V: 0.35 A
240V: 0.44 A
277V: 0.38 A
Input Watts: 91W
Efficiency: 86%

Weight: 31.0 lbs

Technical Specifications
UL Listing: Suitable for wet locations as a downlight.
IES Classification: The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candelper at lateral angles from 90 to 270 degrees.
Country of Origin: Designed by RAB in New Jersey and assembled in the USA by IBEW Local 3
Buy American Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.
Recovery Act (ARRA) Compliant: This product complies with the 52-225-21 "Required Use of American Iron, Steel, and Manufactured Goods--Buy American Act--Construction Materials" (October 2010)
Trade Agreements Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.
GSA Schedule: This product is suitable for listing on the GSA Schedule of the US General Services in accordance with FAR Support 25.4

Color Stability: RAB LEDs exceed industry standards for chromatic stability.
Color Accuracy: 68 CRI
Color Temperature (Nominal CCT): 5100K
Color Uniformity: RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.
Reflector: Specular aluminum.
Gaskets: High temperature silicone gaskets.
Finish: Chip and face resistant polyester powder coat finish.
Green Technology: Mercury and UV free.
IESNA LM-79 & IESNA LM-80 Testing: RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.
Replacement: The ALED4T78 replaces 250W Metal Halide Area Lights.
California Title 24: ALED4T78 complies with California Title 24 building and electrical codes.
Warranty: LED fixtures give you peace of mind because both the fixture and driver components are backed by RAB's 5 Year Warranty. For more information, click here.
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IES Classification: The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candelper at lateral angles from 90 to 270 degrees.

Country of Origin: Designed by RAB in New Jersey and assembled in the USA by IBEW Local 3

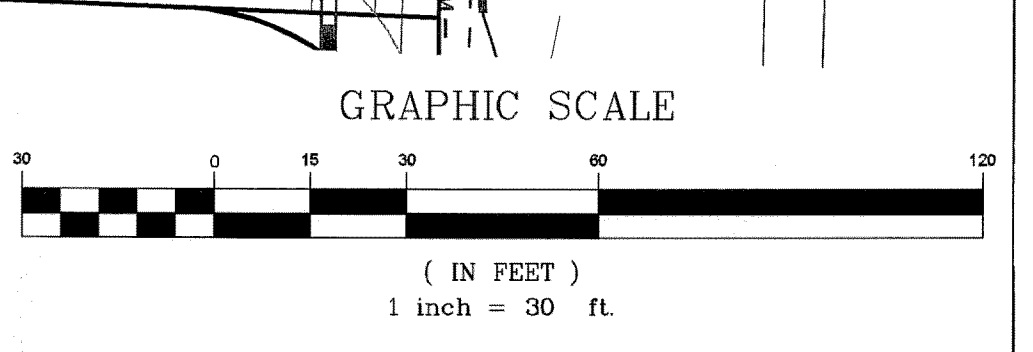
Buy American Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant: This product complies with the 52-225-21 "Required Use of American Iron, Steel, and Manufactured Goods--Buy American Act--Construction Materials" (October 2010)

Trade Agreements Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule: This product is suitable for listing on the GSA Schedule of the US General Services in accordance with FAR Support 25.4

Color Stability: RAB LEDs exceed industry standards for chromatic stability.
Color Accuracy: 68 CRI
Color Temperature (Nominal CCT): 5100K
Color Uniformity: RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.
Reflector: Specular aluminum.
Gaskets: High temperature silicone gaskets.
Finish: Chip and face resistant polyester powder coat finish.
Green Technology: Mercury and UV free.
IESNA LM-79 & IESNA LM-80 Testing: RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.
Replacement: The ALED4T78 replaces 250W Metal Halide Area Lights.
California Title 24: ALED4T78 complies with California Title 24 building and electrical codes.
Warranty: LED fixtures give you peace of mind because both the fixture and driver components are backed by RAB's 5 Year Warranty. For more information, click here.
Patents: The ALED design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.
For use on LEED Buildings: The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.
Dark Sky Approved: The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.
UL Listing: Suitable for wet locations as a downlight.



(L3) LIGHTING DETAIL

Effective Projected Area: EPA = 0.75

LEDs: Six (6) multi-chip, 13W, high-output, long-life LEDs

Drivers: Three drivers, constant current, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .04 Amps.

Fixture Efficacy: 60 Lumens per Watt

Ambient Temperature: Suitable for use in 40C ambient temperatures.

Surge Protection: 6 kV

Cold Weather Starting: The minimum starting temperature is -40F/-40C

Thermal Management: Superior heat sinking with external Air-Flow fins.

Housing: Die cast aluminum housing, lens frame and mounting arm.

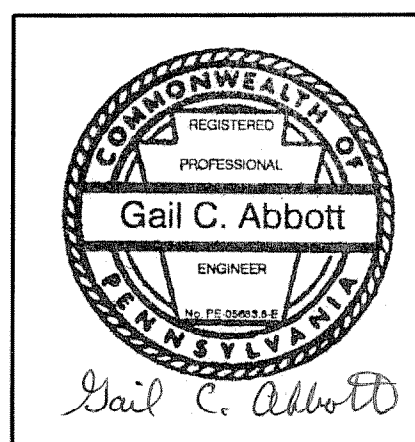
of Energy "Lighting Facts" label.
Replacement: The ALED3T78 replaces 250W Metal Halide Area Lights.
California Title 24: ALED3T78 complies with California Title 24 building and electrical codes.
Warranty: LED fixtures give you peace of mind because both the fixture and driver components are backed by RAB's 5 Year Warranty. For more information, click here.
Patents: The ALED design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.
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UL Listing: Suitable for wet locations as a downlight.

SITE LIGHTING SCHEDULE

NO.	DATE	DESCRIPTION	BY
(L4)		RAB LED AREA LIGHTING MODEL ALED4T78 BUILDING MOUNTED, MOUNTING HEIGHT = 12', TILT = 0d	
(L3)		RAB LED AREA LIGHTING MODEL ALED3T78 POLE MOUNTED, MOUNTING HEIGHT = 15'	

REVISIONS

NO.	DATE	DESCRIPTION	BY
1			



LIGHTING PLAN

Preliminary

Land Development Plan for Lot 27B

for
Letterkenny Industrial Development Authority
located in the
Cumberland Valley Business Park
Greene Township, Franklin County, PA

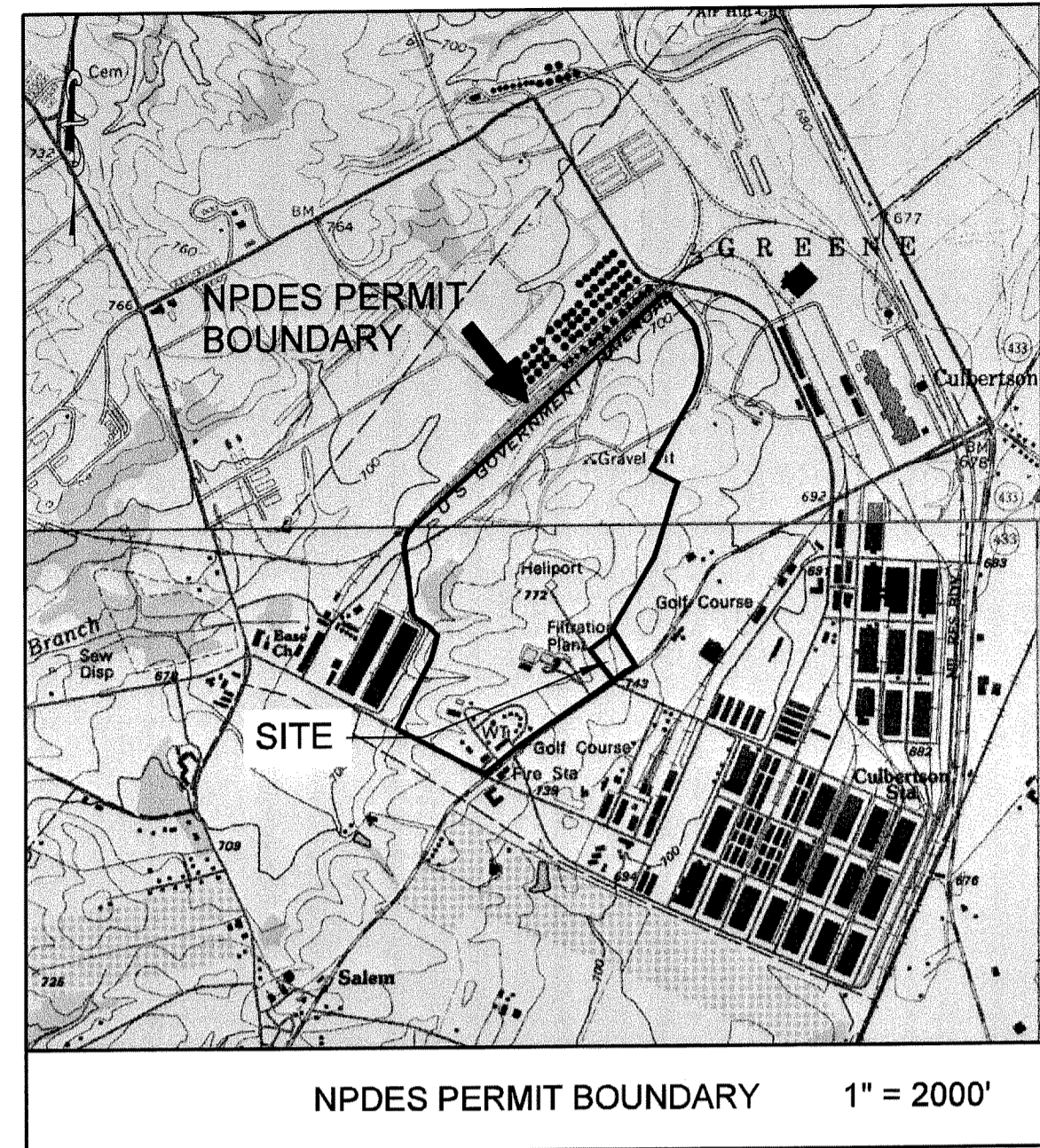
DENNIS E. BLACK ENGINEERING, INCORPORATED
ENGINEERING—SURVEYING—PLANNING

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CHAMBERSBURG, PA 17201 MCCONNELLSBURG, PA 17233
(717)263-8794 (888)238-0661 (717)485-4028

DWN_GCA CLIENT No. 110053 ORDER No. 3366 SHEET 3B OF 8
CHK_GCA DATE 4-16-12 AutoCAD DRAWING REF. NUMBER 12-10
APP. SCALE 1"=30' MARGIN

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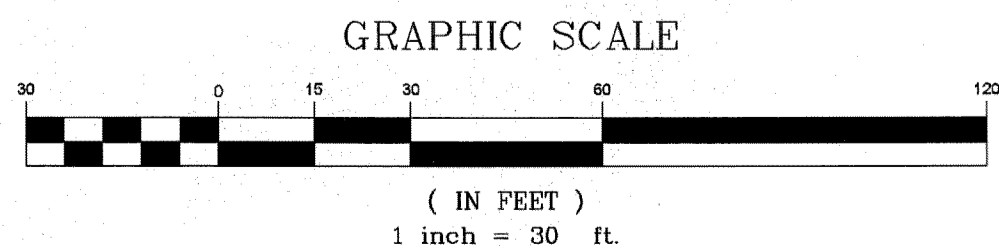
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- ELEV:** ELEVATION
- LEGEND**
- BENCHMARK
 - CONCRETE MONUMENT
 - DRILL HOLE
 - GUY POLE AND WIRE
 - UTILITY POLE
 - IRON PIN
 - DEEP HOLE
 - WELL
 - CABLE PEDESTAL
 - ELECTRIC TRANSFORMER PAD
 - TELEPHONE PEDESTAL
 - LIGHT POLE
 - EXISTING FIRE HYDRANT
 - PROPOSED FIRE HYDRANT
 - GAS VALVE
 - SANITARY SEWER MANHOLE
 - WATER VALVE
 - DIRECTION OF FLOW
 - HANDICAP PARKING STALL
 - CENTERLINE
 - PROPERTY LINE
 - EX.** EXISTING
 - IP** IRON PIN
 - RRS** RAILROAD SPIKE
 - PK/W** PARKER KAYLON NAIL & WASHER
 - PT.** POINT
 - N/F** NOW OR FORMERLY
 - FH** FIRE HYDRANT
 - GV** GATE VALVE
- PROPERTY LINE
 - EXISTING PROPERTY LINE
 - CENTERLINE
 - EASEMENT or RIGHT OF WAY LINE
 - BUILDING SETBACK LINE
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - EXISTING WATER LINE
 - EXISTING UNDERGROUND CONDUIT
 - EXISTING GAS LINE
 - EXISTING OVERHEAD ELECTRIC LINE
 - IRON PIN (TO BE SET)
 - EX.** EXISTING
 - RIGHT OF WAY
 - IRON PIN FOUND
 - SOIL BOUNDARY
 - 12" SILT SOCK
- SEDIMENT CONTROL ENTRANCE
 - WETLANDS
 - GRAVEL AREA
 - PAVED PARKING
 - NPDES PERMIT BOUNDARY
 - LIMIT OF DISTURBANCE

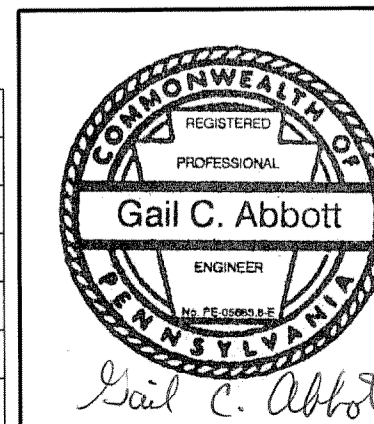
SOIL LIMITATIONS AND RESOLUTIONS

Map Symbol Soil Name	Soil Limitations	Construction Recommendations
(Eob) Edom-Carbo Silty Clay Loam	Seasonal High Water Table	Provide appropriate means to handle water encountered during construction. Perform depth to limiting zone test for infiltration BMPs.
	Slow Percolation	Perform infiltration tests for infiltration BMPs.



REVISIONS

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1	7/11/12	Revised per FCCD Comments	GCA



EROSION AND SEDIMENTATION CONTROL PLAN

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 for
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 Greene Township, Franklin County, PA

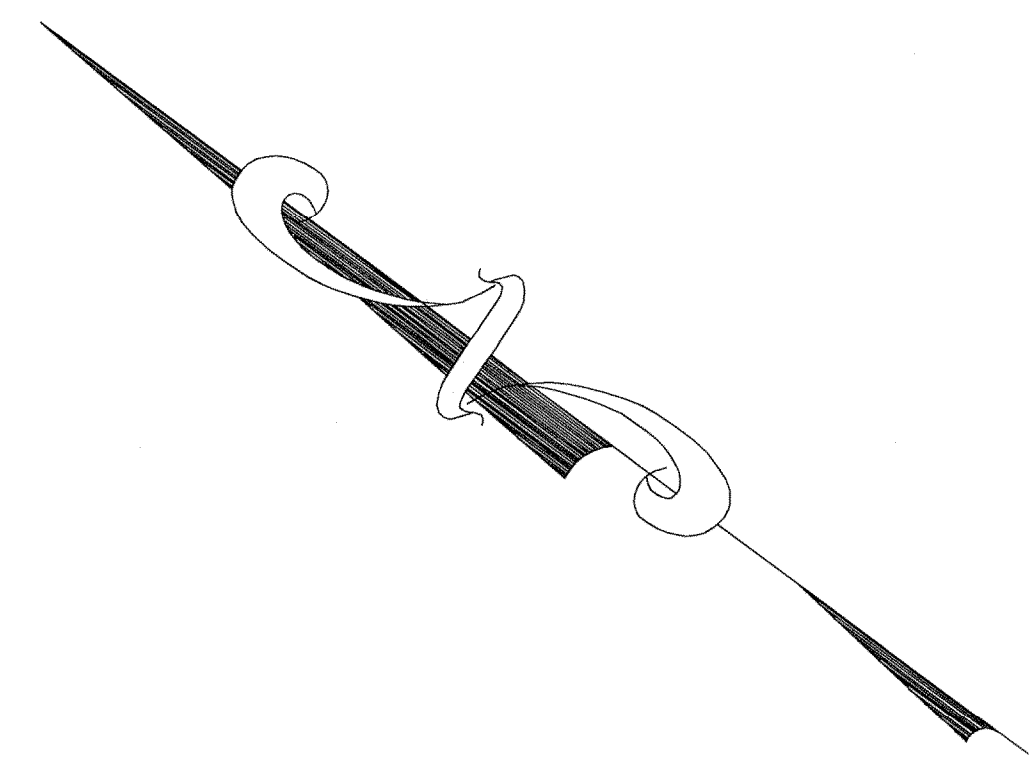
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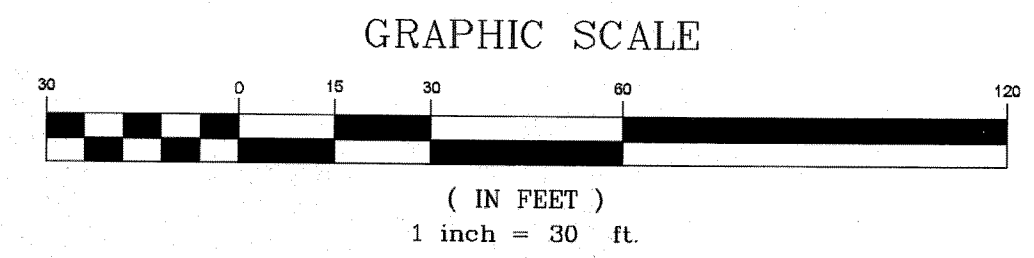
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 CHK_LSK DATE 4-16-12 AutoCAD DRAWING REF. NUMBER DRAWING No.
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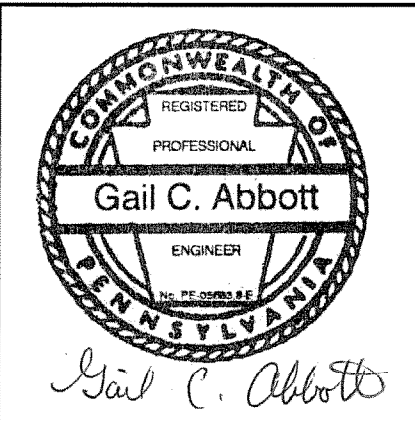


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 - SOIL BOUNDARY
 - WETLANDS
 - GRAVEL AREA
 - PAVED PARKING
 - LIMIT OF DISTURBANCE



REVISIONS

NO.	DATE	DESCRIPTION	BY
1	7/11/12	Revised per Township Comments	GCA



POST CONSTRUCTION STORMWATER MGMT PLAN

Preliminary
Land Development Plan for Lot 27B
for
Letterkenny Industrial Development Authority
located in the
Cumberland Valley Business Park
Greene Township, Franklin County, PA

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PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN STANDARD NOTES

PERMIT TERMINATION
 UPON PERMANENT STABILIZATION OF THE EARTH DISTURBANCE ACTIVITY UNDER § 102.22(A)(2) (RELATING TO PERMANENT STABILIZATION), AND INSTALLATION OF BMPs IN ACCORDANCE WITH AN APPROVED PLAN PREPARED AND IMPLEMENTED IN ACCORDANCE WITH § 102.4 AND § 102.8 (RELATING TO EROSION AND SEDIMENT CONTROL REQUIREMENTS, AND PCSM REQUIREMENTS), THE PERMITTEE OR CO-PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION TO THE DEPARTMENT OR CONSERVATION DISTRICT.

- THE NOTICE OF TERMINATION MUST INCLUDE:
- (1) THE FACILITY NAME, ADDRESS AND LOCATION.
 - (2) THE OPERATOR NAME AND ADDRESS.
 - (3) THE PERMIT NUMBER.
 - (4) THE REASON FOR PERMIT TERMINATION.
 - (5) IDENTIFICATION OF THE PERSONS WHO HAVE AGREED TO AND WILL BE RESPONSIBLE FOR LONG-TERM OPERATION AND MAINTENANCE OF THE PCSM BMPs IN ACCORDANCE WITH § 102.8(M) AND PROOF OF COMPLIANCE WITH § 102.8(M)(2).

PCSM REQUIREMENTS
PCSM REPORTING AND RECORDKEEPING. THE PCSM PLAN, INSPECTION REPORTS AND MONITORING RECORDS SHALL BE AVAILABLE FOR REVIEW AND INSPECTION BY THE DEPARTMENT OR THE CONSERVATION DISTRICT.

LICENSED PROFESSIONAL OVERSIGHT OF CRITICAL STAGES. A LICENSED PROFESSIONAL OR A DESIGNEE SHALL BE PRESENT ON-SITE AND BE RESPONSIBLE DURING CRITICAL STAGES OF IMPLEMENTATION OF THE APPROVED PCSM PLAN. THE CRITICAL STAGES MAY INCLUDE THE INSTALLATION OF UNDERGROUND TREATMENT OR STORAGE BMPs, STRUCTURALLY ENGINEERED BMPs, OR OTHER BMPs AS DEEMED APPROPRIATE BY THE DEPARTMENT OR THE CONSERVATION DISTRICT.

FINAL CERTIFICATION. THE PERMITTEE SHALL INCLUDE WITH THE NOTICE OF TERMINATION "RECORD DRAWINGS" WITH A FINAL CERTIFICATION STATEMENT FROM A LICENSED PROFESSIONAL, WHICH READS AS FOLLOWS:
 "I (NAME) DO HEREBY CERTIFY PURSUANT TO THE PENALTIES OF 18 PA.C.S.A. § 4904 TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THE ACCOMPANYING RECORD DRAWINGS ACCURATELY REFLECT THE AS-BUILT CONDITIONS, ARE TRUE AND CORRECT, AND ARE IN CONFORMANCE WITH CHAPTER 102 OF THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE PROJECT SITE WAS CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PCSM PLAN, ALL APPROVED PLAN CHANGES AND ACCEPTED CONSTRUCTION PRACTICES."

- (1) THE PERMITTEE SHALL RETAIN A COPY OF THE RECORD DRAWINGS AS A PART OF THE APPROVED PCSM PLAN.
- (2) THE PERMITTEE SHALL PROVIDE A COPY OF THE RECORD DRAWINGS AS A PART OF THE APPROVED PCSM PLAN TO THE PERSON IDENTIFIED IN THIS SECTION AS BEING RESPONSIBLE FOR THE LONG-TERM OPERATION AND MAINTENANCE OF THE PCSM BMPs.

PCSM LONG TERM OPERATIONS AND MAINTENANCE REQUIREMENTS

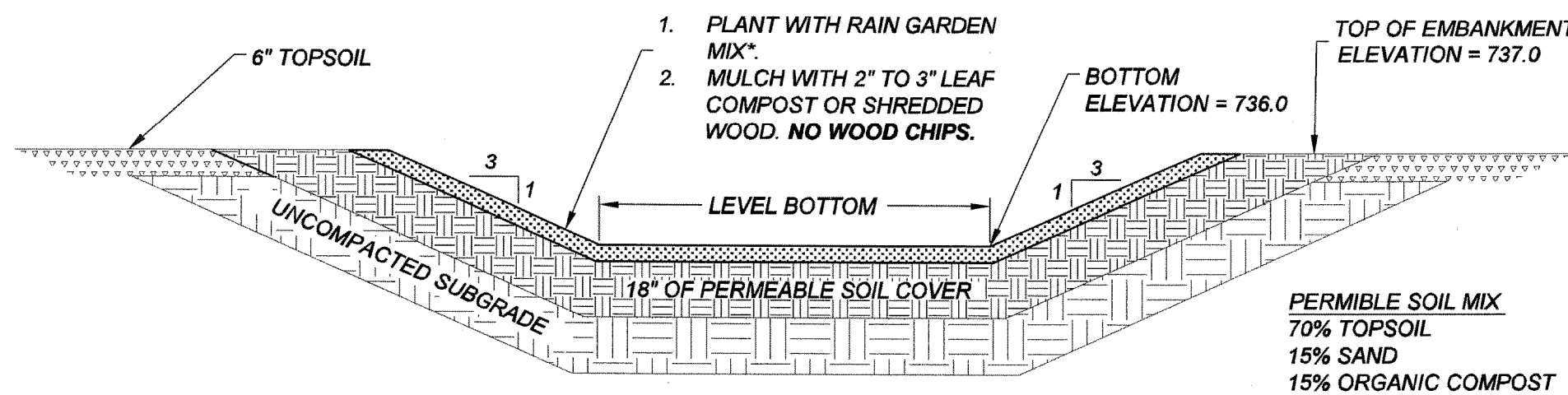
UNTIL THE PERMITTEE OR CO-PERMITTEE HAS RECEIVED WRITTEN APPROVAL OF A NOTICE OF TERMINATION, THE PERMITTEE OR CO-PERMITTEE WILL REMAIN RESPONSIBLE FOR COMPLIANCE WITH THE PERMIT TERMS AND CONDITIONS INCLUDING LONG-TERM OPERATION AND MAINTENANCE OF ALL PCSM BMPs ON THE PROJECT SITE AND IS RESPONSIBLE FOR VIOLATIONS OCCURRING ON THE PROJECT SITE. THE DEPARTMENT OR CONSERVATION DISTRICT WILL CONDUCT A FINAL INSPECTION AND APPROVE OR DENY THE NOTICE OF TERMINATION WITHIN 30 DAYS.

THE PERMITTEE OR CO-PERMITTEE SHALL BE RESPONSIBLE FOR LONG-TERM OPERATION AND MAINTENANCE OF PCSM BMPs UNLESS A DIFFERENT PERSON IS IDENTIFIED IN THE NOTICE OF TERMINATION AND HAS AGREED TO LONG-TERM OPERATION AND MAINTENANCE OF PCSM BMPs.

FOR ANY PROPERTY CONTAINING A PCSM BMP, THE PERMITTEE OR CO-PERMITTEE SHALL RECORD AN INSTRUMENT WITH THE RECORDER OF DEEDS WHICH WILL ASSURE DISCLOSURE OF THE PCSM BMP AND THE RELATED OBLIGATIONS IN THE ORDINARY COURSE OF A TITLE SEARCH OF THE SUBJECT PROPERTY. THE RECORDED INSTRUMENT MUST IDENTIFY THE PCSM BMP, PROVIDE FOR NECESSARY ACCESS RELATED TO LONG-TERM OPERATION AND MAINTENANCE FOR PCSM BMPs AND PROVIDE NOTICE THAT THE RESPONSIBILITY FOR LONG-TERM OPERATION AND MAINTENANCE OF THE PCSM BMP IS A COVENANT THAT RUNS WITH THE LAND THAT IS BINDING UPON AND ENFORCEABLE BY SUBSEQUENT GRANTEE, AND PROVIDE PROOF OF FILING WITH THE NOTICE OF TERMINATION UNDER § 102.7(B)(5) (RELATING TO PERMIT TERMINATION).

THE PERSON RESPONSIBLE FOR PERFORMING LONG-TERM OPERATION AND MAINTENANCE MAY ENTER INTO AN AGREEMENT WITH ANOTHER PERSON INCLUDING A CONSERVATION DISTRICT, NONPROFIT ORGANIZATION, MUNICIPALITY, AUTHORITY, PRIVATE CORPORATION OR OTHER PERSON, TO TRANSFER THE RESPONSIBILITY FOR PCSM BMPs OR TO PERFORM LONG-TERM OPERATION AND MAINTENANCE AND PROVIDE NOTICE THEREOF TO THE DEPARTMENT.

A PERMITTEE OR CO-PERMITTEE THAT FAILS TO TRANSFER LONG-TERM OPERATION AND MAINTENANCE OF THE PCSM BMP OR OTHERWISE FAILS TO COMPLY WITH THIS REQUIREMENT SHALL REMAIN JOINTLY AND SEVERALLY RESPONSIBLE WITH THE LANDOWNER FOR LONG-TERM OPERATION AND MAINTENANCE OF THE PCSM BMPs LOCATED ON THE PROPERTY.



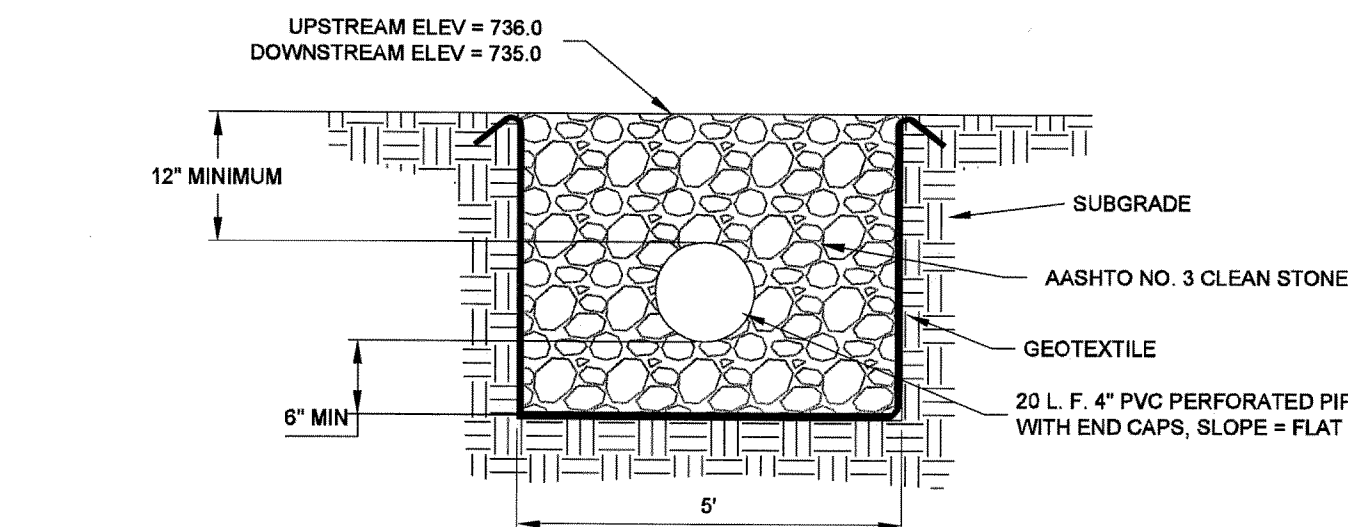
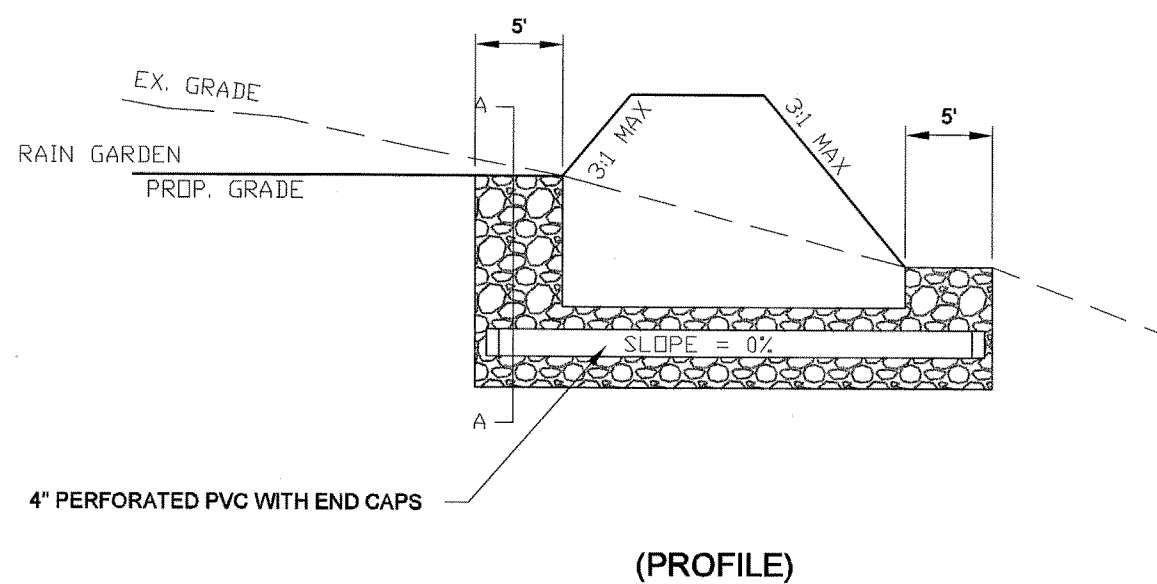
* SEASONALLY FLOODED WILDLIFE FOOD SEED MIX SHALL BE ERNMX-128 MADE BY ERNST CONSERVATION SEEDS (800-873-3321) OR EQUAL AND SHALL BE APPLIED AT A RATE OF 1/2 LB PER 1,000 S.F. OR AS RECOMMENDED BY MANUFACTURER.

12\"/>

MAINTENANCE REQUIREMENTS FOR RAIN GARDEN BMP

RAIN GARDEN:

- BIORETENTION AREAS SHOULD BE INSPECTED AT LEAST TWO TIMES PER YEAR FOR SEDIMENT BUILDUP, EROSION, VEGETATIVE CONDITIONS, ETC.
- WHILE VEGETATION IS BEING ESTABLISHED, PRUNING AND WEEDING MAY BE REQUIRED.
- DETRITUS MAY ALSO NEED TO BE REMOVED EVERY YEAR. PERENNIAL PLANTINGS MAY BE CUT DOWN AT THE END OF THE GROWING SEASON.
- MULCH SHOULD BE RE-SPREAD WHEN EROSION IS EVIDENT AND BE REPLENISHED AS NEEDED.
- DURING PERIODS OF EXTENDED DROUGHT, BIORETENTION AREAS MAY REQUIRE WATERING.



DRAIN DETAIL IN RAIN GARDEN
 N.T.S.

REVEGETATION AREA BMP SPECIFICATIONS

- REMOVE EXISTING PAVEMENT WHILE MAINTAINING AND PRESERVING THE EXISTING 24\"/>

SOIL AMENDMENT SPECIFICATION

ALL TOPSOIL WITHIN DESIGNATED SOIL AMENDMENT AREAS AS SHOWN ON THESE PLANS SHALL BE RESTORED TO A DEPTH OF 8 INCHES IN ACCORDANCE WITH SECTION 6.7.3 OF THE LATEST EDITION OF THE PENNSYLVANIA STORMWATER BEST MANAGEMENT PRACTICES MANUAL AND THE FOLLOWING SPECIFICATION.

SOIL AMENDMENT MEDIA USUALLY CONSISTS OF COMPOST, BUT IT CAN ALSO INCLUDE ONE OR ANY COMBINATION OF THE FOLLOWING MATERIALS: MULCH, MANURES, SAND, OR MANUFACTURED MICROBIAL SOLUTION. COMPOST MATERIAL UTILIZED SHALL MEET ALL APPLICABLE STATE AND FEDERAL REGULATIONS PERTAINING TO ITS PRODUCTION AND DISTRIBUTION AND SHALL BE CERTIFIED BY THE U.S. COMPOSTING COUNSEL SEAL. IN THE EVENT MATERIALS OTHER THAN COMPOST AS SPECIFIED ABOVE ARE PROPOSED TO BE UTILIZED SAMPLES SHALL BE PROVIDED TO THE ENGINEER AND CONSERVATION DISTRICT FOR APPROVAL PRIOR TO INSTALLATION. ALL TOPSOIL UTILIZED WITHIN THE AMENDMENT AREA SHALL NOT CONTAIN CLAY MATERIAL.

- AFTER EARTHWORK HAS BEEN COMPLETED, SOIL AMENDMENT MEDIA SHALL BE APPLIED TO THE ON-SITE TOPSOIL MIXTURE AT A RATE OF 1 PART AMENDMENT MEDIA TO 2 PARTS SOIL. IF A PROPRIETARY PRODUCT IS USED, THE MANUFACTURER'S INSTRUCTIONS SHOULD BE FOLLOWED IN TERMS OF MIXING AND APPLICATION RATE.
- PROCEDURE:
 - ROTTILL OR RIP THE SUBGRADE, AND REMOVE ROCKS.
 - APPLY 6 INCHES OF TOPSOIL TO SUBGRADE.
 - APPLY 2 INCHES OF SOIL AMENDMENT MEDIA TO TOPSOIL SURFACE.
 - TILL SOIL AND AMENDMENT MEDIA TO CREATE A UNIFORM MIXTURE TO A DEPTH OF 8 INCHES USING A ROTOTILLER, SOLID SHANK RIPPER, OR SIMILAR DEVICE.
 - SEED AND MULCH IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED ON THESE PLANS.
 - AN ALTERNATIVE IS TO MIX SOIL AMENDMENT WITHIN TOPSOIL STOCKPILES PRIOR TO PLACEMENT.

PERMANENT COVER FOR REVEGETATION AREA

SITE PREPARATION AFTER PLACEMENT OF TOPSOIL FOR PERMANENT COVER CROP:

- APPLY ONE (1) TON OF AGRICULTURAL GRADE LIMESTONE PER ACRE.
- FERTILIZE AT A RATE OF 50-50-50 PER ACRE AND WORK IN WHERE POSSIBLE.
- APPLY APPROPRIATE SEED SPECIE WITH DRILL OR HYDROSEEDER. SEEDING MIX SHALL BE ERNMX-186-1 MADE BY ERNST CONSERVATION SEEDS (800-873-3321) OR EQUAL AND SHALL BE APPLIED AT A RATE OF 6 LB PER 1,000 S.F. OR AS RECOMMENDED BY MANUFACTURER.
- MULCH SEEDING AREA WITH HAY AND/OR CEREAL STRAW AT A RATE OF 3.0 TONS PER ACRE TO PRODUCE A LAYER OF 1.0\"/>

MAINTENANCE REQUIREMENTS FOR REVEGETATION AREA

- BIWEEKLY INSPECTIONS ARE RECOMMENDED FOR AT LEAST THE FIRST GROWING SEASON, OR UNTIL THE VEGETATION IS PERMANENTLY ESTABLISHED. ONCE ESTABLISHED, VEGETATION SHOULD BE INSPECTED FOR HEALTH, DIVERSITY, AND DENSITY AT LEAST TWICE PER YEAR.
- VEGETATION SHOULD BE MAINTAINED IN GOOD CONDITION AND ANY BARE SPOTS REVEGETATED AS SOON AS POSSIBLE.
- VEHICLES SHOULD NOT BE PARKED OR DRIVEN ON THE VEGETATED AREA AND CARE SHOULD BE TAKEN TO AVOID EXCESSIVE COMPACTION.
- MOW AS APPROPRIATE FOR VEGETATIVE COVER SPECIES TO MAINTAIN A HEIGHT OF 4 TO 6 INCHES OR AS HIGH AS POSSIBLE. MOWING SHOULD BE DONE WHEN THE SOIL IS DRY.
- VEGETATION COVER SHOULD BE SUSTAINED AT 85% COVER AND REESTABLISHED IF DAMAGE GREATER THAN 50% IS OBSERVED. UNWANTED OR INVASIVE GROWTH SHOULD BE REMOVED ON AN ANNUAL BASIS.

POST CONSTRUCTION STORMWATER MANAGEMENT CONTROL NOTES AND DETAILS

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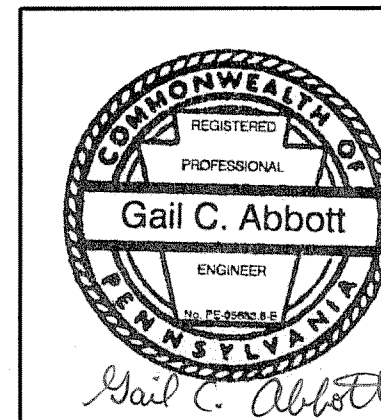
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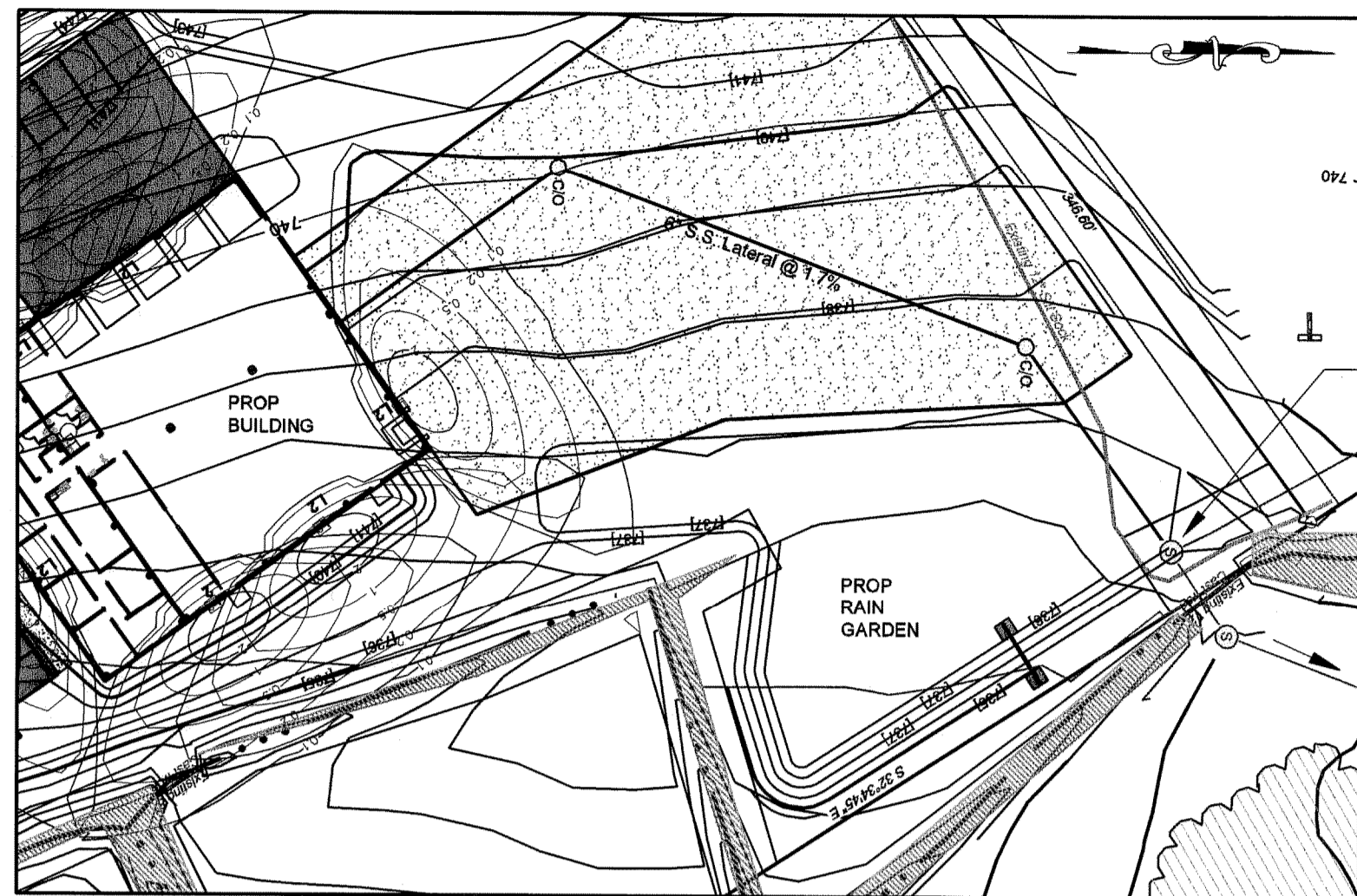
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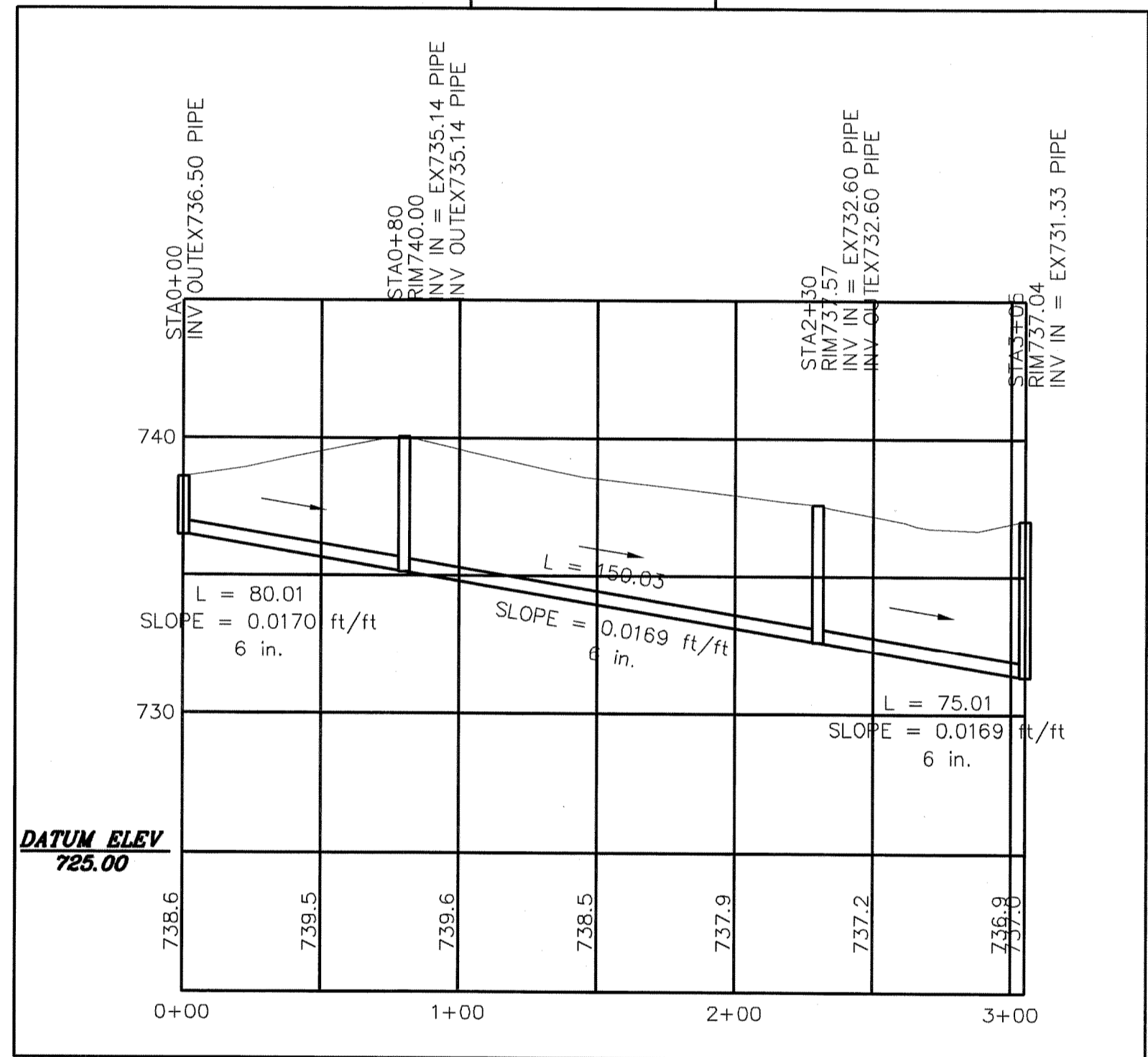
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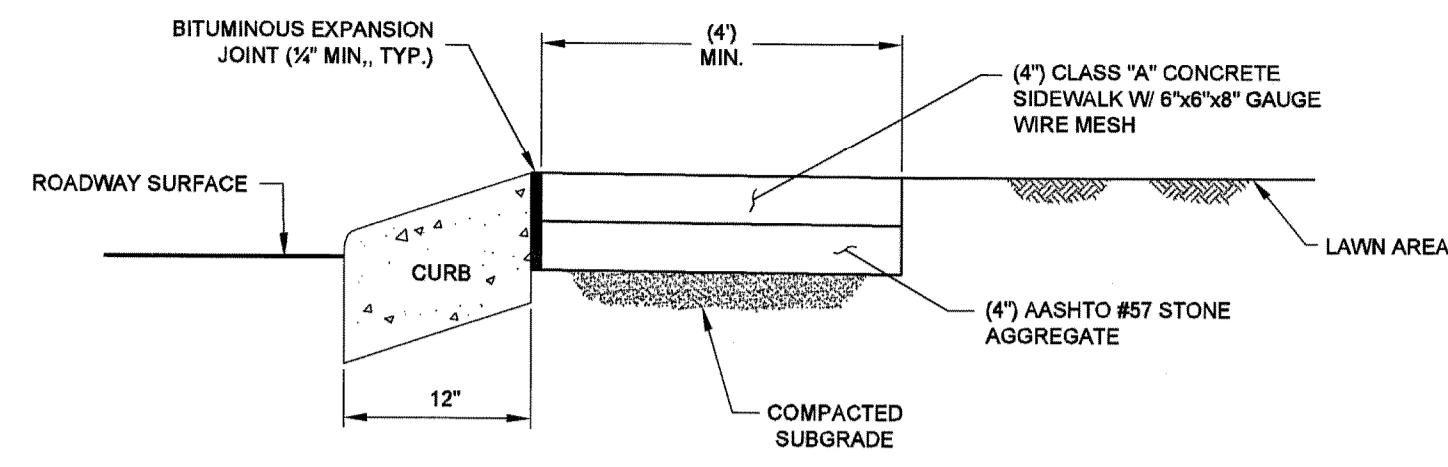


PROFILE
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1"=5' VERT.

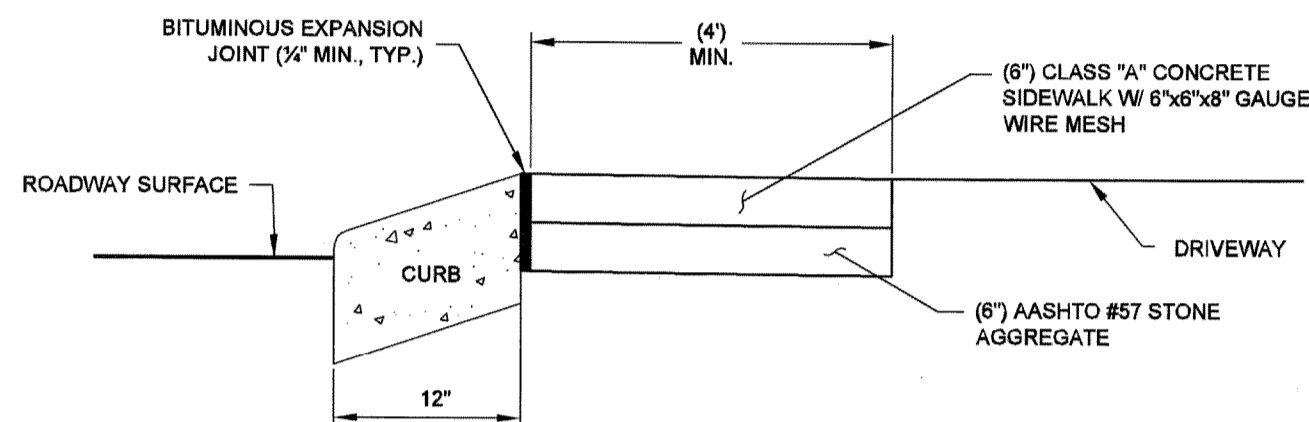
PLAN
1"=50'



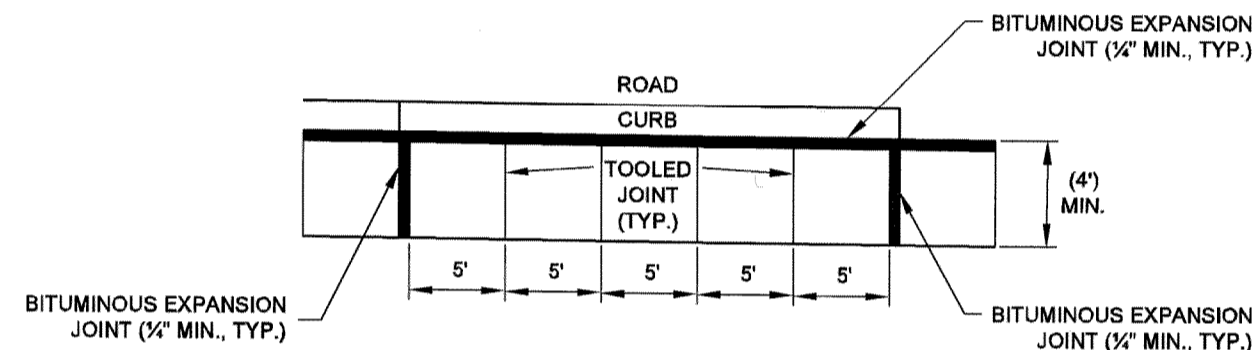
SANITARY SEWER LATERAL PROFILE DETAIL



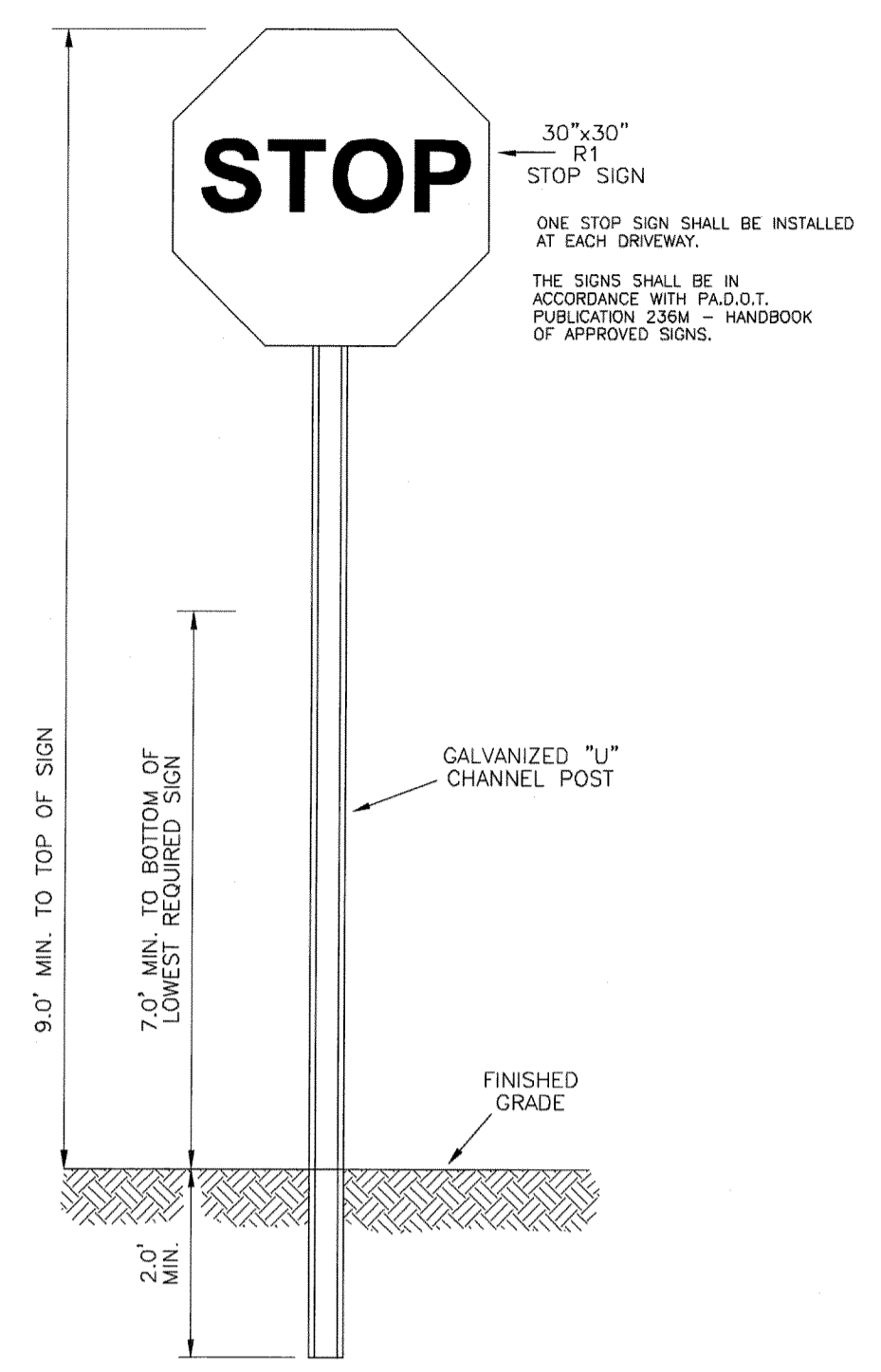
SIDEWALK CROSS-SECTION AT LAWN AREA DETAIL



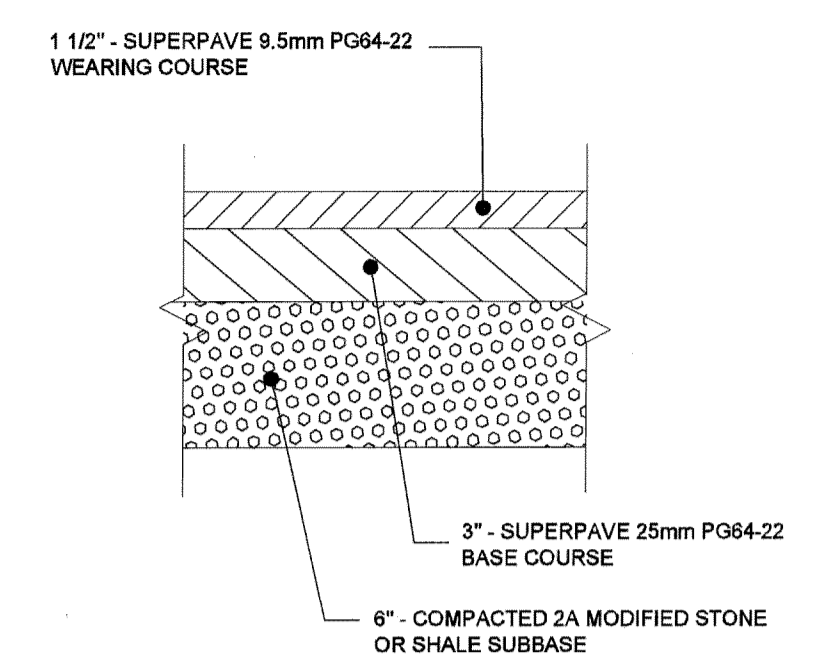
SIDEWALK CROSS-SECTION AT DRIVEWAY DETAIL



SIDEWALK JOINT SPACING PLAN VIEW DETAIL

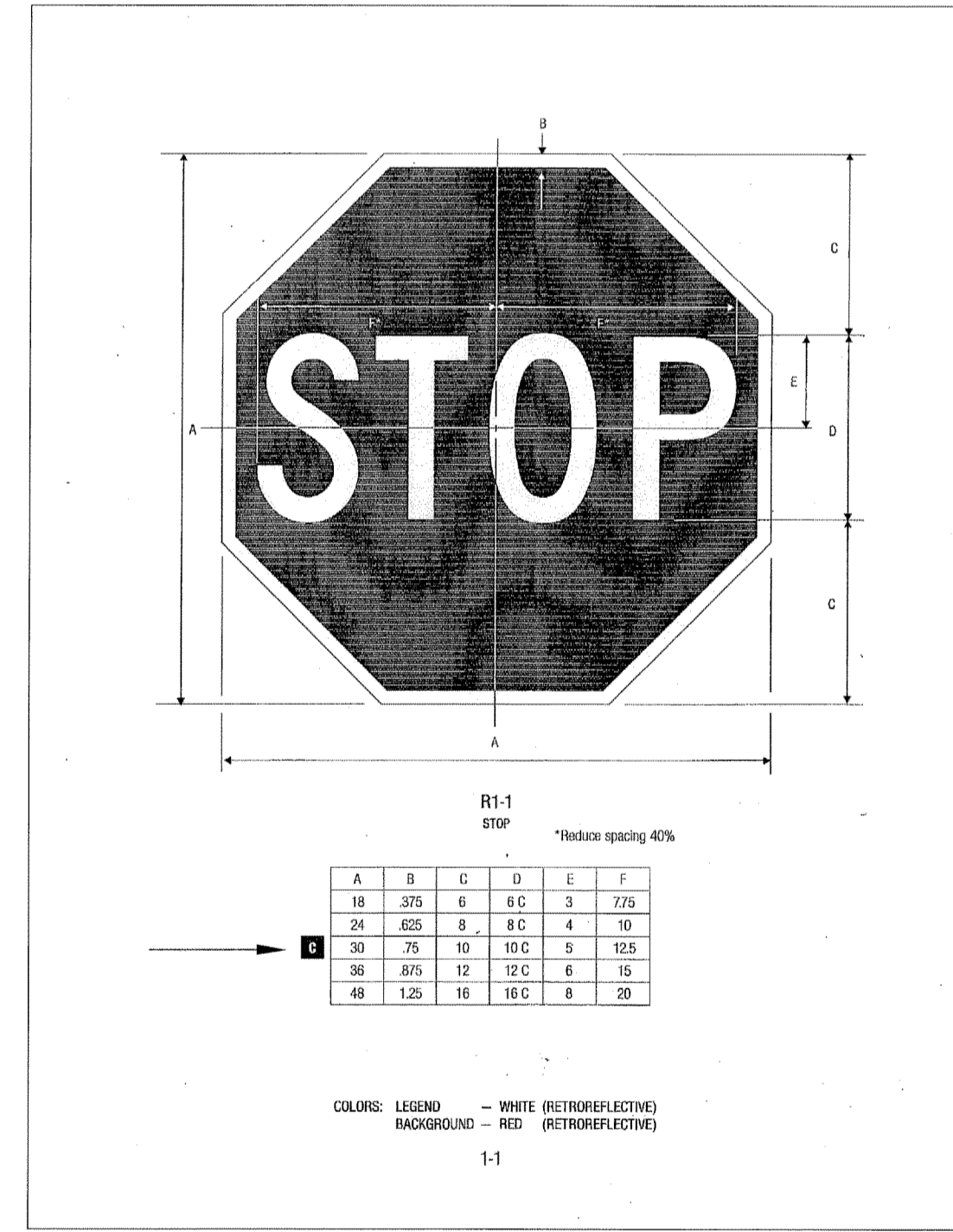


STOP SIGN DETAIL



SITE PAVING SPECIFICATION (TYP.)

N.T.S.



CONSTRUCTION DETAILS

Preliminary
Land Development Plan for Lot 27B
for
Letterkenny Industrial Development Authority
located in the
Cumberland Valley Business Park
Greene Township, Franklin County, PA

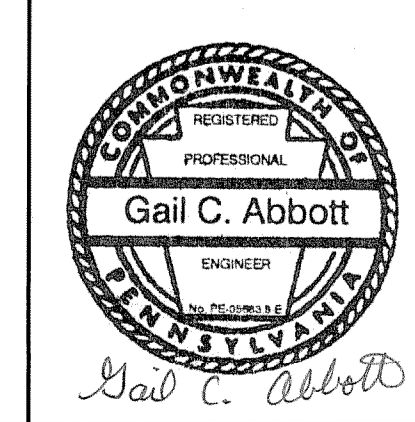
DENNIS E. BLACK ENGINEERING, INCORPORATED
ENGINEERING—SURVEYING—PLANNING
2400 PHILADELPHIA AVENUE
CHAMBERSBURG, PA. 17201

DWN: GCA	CLIENT No. 3366	ORDER No. 110053	SHEET 8 OF 8
CHK:	DATE 4-16-12	AutoCAD DRAWING REF. NUMBER	DRAWING No.
APP:	SCALE	margin	12-10

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REVISIONS

NO.	DATE	DESCRIPTION	BY
1	7/18/12	Revised per Township Comments	GCA



FILE: N:\Land Projects\2011\10053\dwg\Sheet Files\110053-5_Details.dwg LAYOUT... BY: Gail Abbott: ON: 7/19/2012 3:24 PM
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