

OVERLAY

CERTIFICATIONS

THIS MAP IS HEREBY APPROVED BY THE PLANNING BOARD OF
THE TOWNSHIP OF BERLIN

PLANNING BOARD CHAIRMAN

DATE:

PLANNING BOARD SECRETARY

DATE:

PLANNING BOARD ENGINEER

DATE:

MUNICIPAL CLERK

DATE:

PROPOSED ADDITIONAL
BITUMINOUS PAVEMENT

EXISTING STORMWATER
INFILTRATION BASIN

120' WIDE DRAINAGE EASEMENT

100'
PROPOSED
DEAD STORAGE
BUILDING

OH DOOR ACCESS

PROPOSED
OUTSIDE STORAGE

PROPOSED STONE

EXISTING TRASH
ENCLOSURE

PROPOSED 6" CL FENCE
W/ PRIVACY SLATS
CONSULT OWNER FOR
GATE LOCATIONS

EXISTING BITUMINOUS PAVEMENT

EXISTING 2 STY
STEEL BUILDING

LAWN AREA

BLOCK 1702
LOT 6.06
201 ALLIED PKWY
N/F ARCADIAN ALLIED
PROPERTIES LLC

BLOCK 1702
LOT 6.05
101 ALLIED PKWY
N/F VD PARTNERSHIP

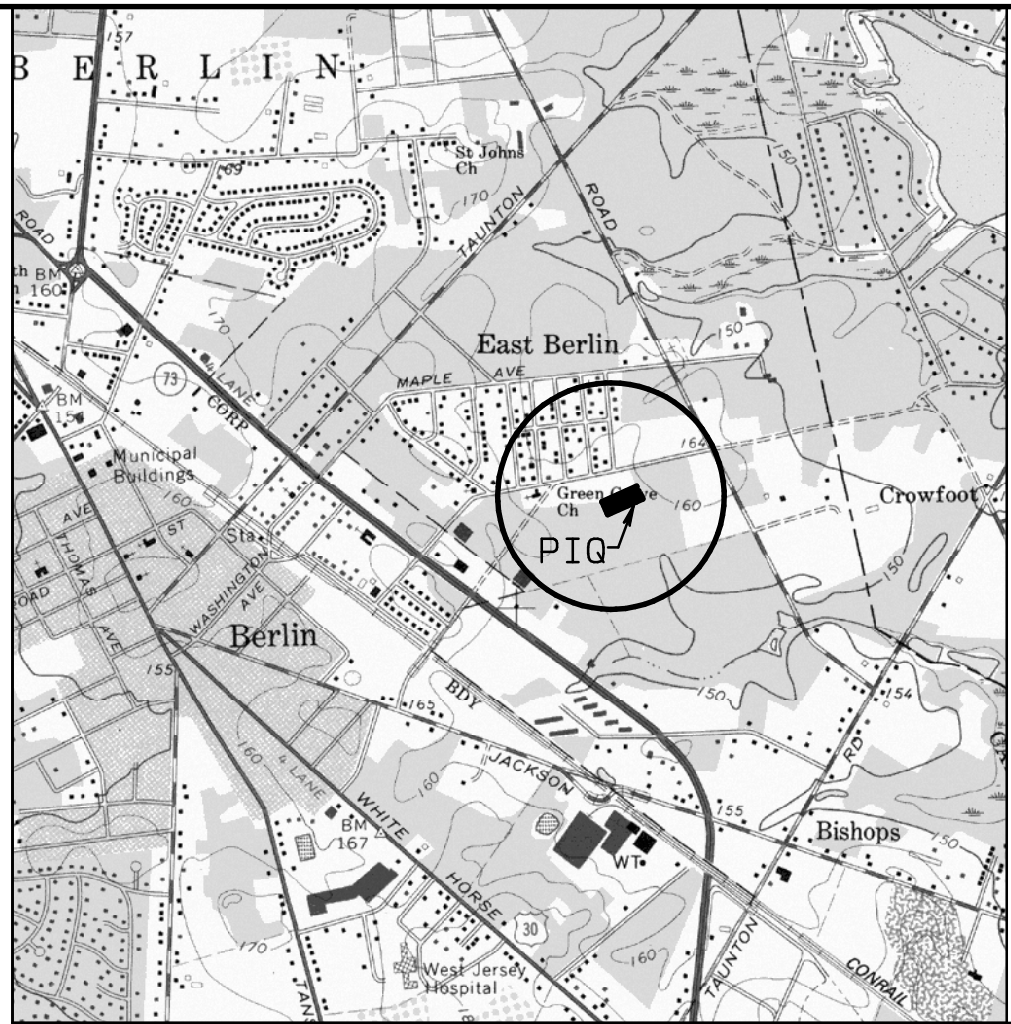
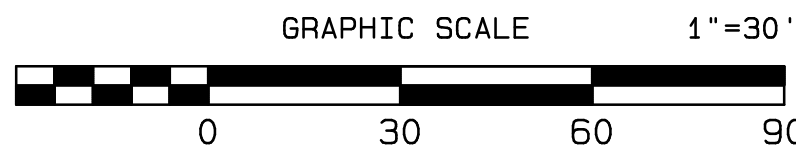
ALLIED (50' ROW) PARKWAY

PARKING CALCULATION

OFFICE: 1 PER 250 SF = 1450 / 250 = 5.8
WAREHOUSE / SHOP: 1 PER 2 EMPLOYEES + 1 PER 1000 SF
= 5 / 2 + 5100 / 1000 = 7.6
DEAD STORAGE: 0 EMPLOYEES + 0 VISITORS = 0
TOTAL REQUIRED PARKING: 13.4 (14)
EXISTING / PROPOSED PARKING: 14

AMENDED SITE PLAN PROPOSAL

1. CONSTRUCT 4000 SQ.FT. DEAD STORAGE BUILDING
2. CONSTRUCTED ENCLOSED / SCREENED OUTSIDE STORAGE AREA
3. CONNECT TO PUBLIC SEWER WITH PRIVATE PUMP STATION / FORCE MAIN
4. MISCELLANEOUS IMPROVEMENTS TO UPGRADE SITE



USGS KEY MAP 1"=2000'
CLEMENTON QUAD

SITE DATA

OWNER: ARCADIAN ALLIED PROPERTIES, LLC
201 ALLIED PARKWAY
W.BERLIN, NJ. 08091
856-753-1600

TAX MAP DATA:
PLATE: 17
BLOCK: 1702
LOTS: 6.06

EXISTING LOT AREA: 1.377 ACRES

BUILDING USE: CONSTRUCTION BUSINESS
OFFICE / WAREHOUSE / STORAGE / SHOP
5 FULL TIME EMPLOYEES ON-SITE (MAX)

EXISTING BUILDING AREA:
OFFICE: 1,450 SQ.FT., 2ND FLOOR MEZZANINE
SHOP: 1,100 SQ.FT., 1ST FLOOR
WAREHOUSE: 4,000 SQ.FT., 1ST FLOOR
5,100 SQ.FT. (TOTAL FOOTPRINT)
6,550 SQ.FT. (TOTAL FLOOR SPACE)

BUILDING AREAS AS PER LETTER FROM OWNER 7/21/2020

PROPOSED DEAD STORAGE BUILDING AREA: 4,000 SQ.FT.
PROPOSED OUTSIDE ENCLOSED STORAGE AREA: 1631 SQ.FT.

PREVIOUS ZONING: C-2, COMMERCIAL REQUIREMENTS (AT TIME OF CONSTRUCTION)

MINIMUM LOT AREA: 20000 SQ.FT (0.459 ACRES)
MINIMUM LOT FRONTAGE: 100 FEET
FRONT SETBACK: 50 FEET
SIDE SETBACK: 15 FEET
REAR SETBACK: 25 FEET

PLAN CONFORMS TO ALL PREVIOUS C-2 USE AND BULK REQUIREMENTS

CURRENT ZONING: C-3 (R6A), COMMERCIAL

MINIMUM LOT AREA: 20000 SQ.FT.
MINIMUM LOT FRONTAGE: 100 FEET
FRONT SETBACK: 50 FEET
SIDE SETBACK: 15 FEET
REAR SETBACK: 25 FEET
MAX BUILDING COVERAGE (FAR): 1.8% = 1080 SQ.FT. (WITHOUT PINELANDS CREDITS)
36% MAX PERMITTED WITH PINELANDS CREDITS

PROPOSED BUILDING COVERAGE (FAR): 17.6%, REQUIRES 0.25 PINELANDS CREDITS

PLAN CONFORMS TO ALL C-3 USE AND BULK REQUIREMENTS

EXISTING IMPERVIOUS COVER: 21312 SQ.FT., 35.5%

PROPOSED ADDITIONAL IMPERVIOUS COVER: 4675 SQ.FT., 0.11 AC., 7.8 %

EXISTING / PROPOSED PARKING: 14

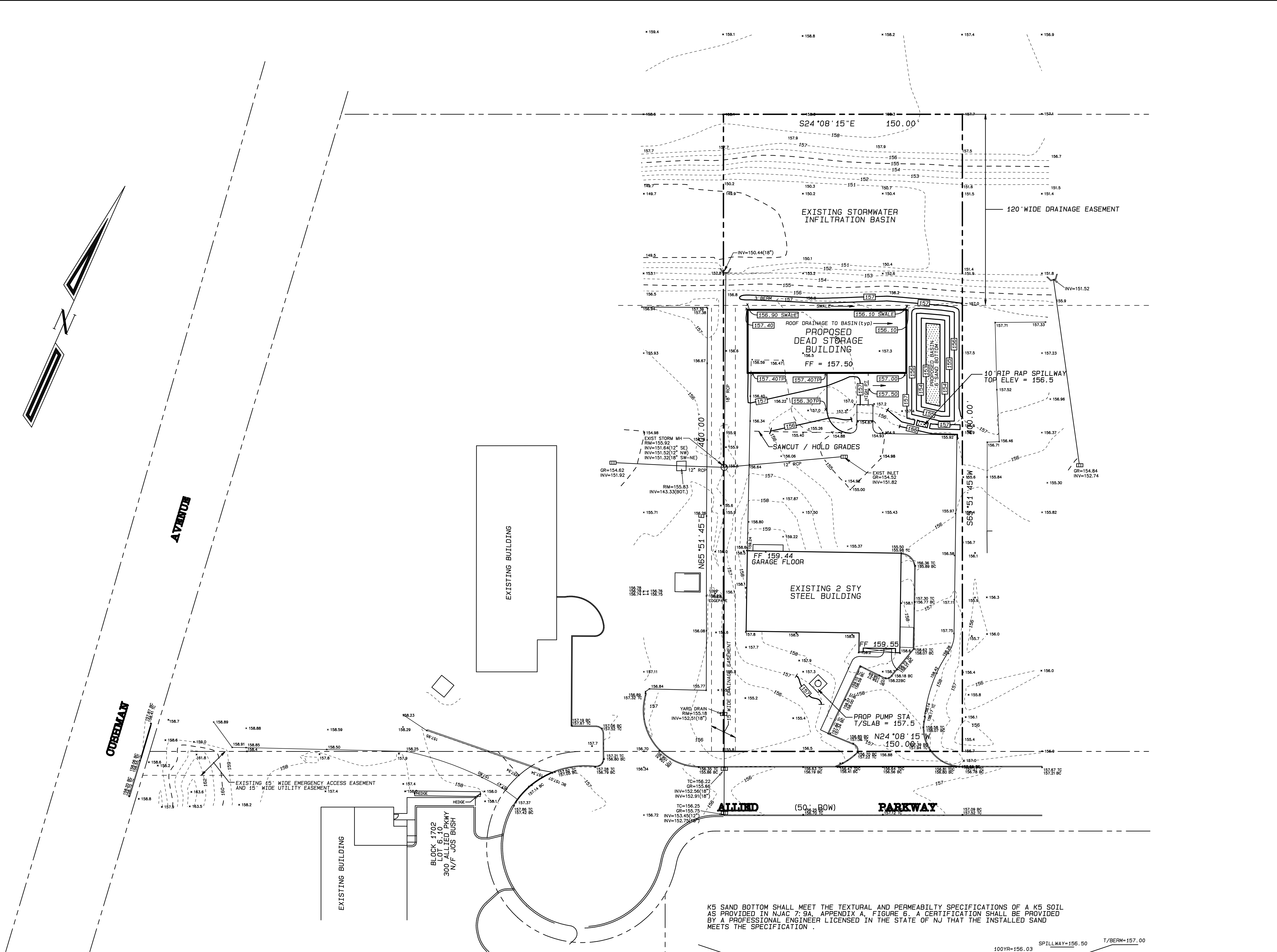
PINELANDS COMMISSION INFORMATION

1. PREVIOUS PINELANDS APPLICATION NUMBERS:
87-0490.02 - SECTION 2 DEVELOPMENT
87-0490.05 - SECTION 2 SUBDIVISION
2. CURRENT PINELANDS APPLICATION / CERT OF FILING
87-0490.018 DATED 6/15/2021

GENERAL NOTES:

1. OUTBOUND AND TOPOGRAPHIC FEATURES BASED ON PLAN OF SURVEY, PROJ 2242 BY JAMES SASSANO, PLS., DATED 1/06/2021 AND SUPPLIED BY DIGITAL FILE.
2. CONTOURS / VERTICAL ELEVATIONS APPROXIMATE NAVD-1988. AS REFERENCED ON SURVEY PLAN.
3. BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL CONTACT THE "ONE CALL DIG NUMBER" (1-800-272-1000) FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE "DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT.
4. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE CODES AND REQUIREMENTS OF BERLIN TWP., CAMDEN CO., AND THE STATE OF NEW JERSEY.
5. ALL CONCRETE SHALL BE 4000 PSI.
6. NO DEED RESTRICTIONS, EASEMENTS OR PROTECTIVE COVENANTS OTHER THAN SHOWN ARE KNOWN TO EXIST ON LOTS.
7. THE OWNER SHALL DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENT CONSTRUCTION PURSUANT TO NJAC 5:23-2.21(a) OF THE N.J. UNIFORM CONSTRUCTION CODE AND OFR 1926.32(f) (OSHA COMPETANT PERSON). THE CONTRACTOR SHALL INSTALL ALL REQUIRED SHEATHING AND SHORING TO MAINTAIN A SAFE EXCAVATION DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL INSTALL TRAFFIC SAFETY FLASHERS, TEMPORARY FENCING, AND BARRICADES AS NEEDED TO MAINTAIN SAFE PUBLIC ACCESS ON ADJOINING STREETS AND WALKWAY AREAS.
8. SEE ARCHITECTURAL PLANS ALL BUILDING INFORMATION
9. ALL EXISTING PARKING STALLS SHALL BE RESTRIPTED WITH 4" WIDE TRAFFIC PAINT

1	8/27/2021	BERLIN TWP SUBMISSION
REV.	DATE	
AMENDED SITE PLAN		
JACK J. GRAVLIN JR, P.E. MAILING ADDRESS P.O. BOX 221, WEST BERLIN, NEW JERSEY 08091 PHONE: 609-965-0405 FAX: 609-965-0105 Email: jjgpe@verizon.net		
ARCADIAN ALLIED PROPERTIES, LLC BLOCK 1702 LOT 6.06 201 ALLIED PARKWAY BERLIN TOWNSHIP, CAMDEN CO., NEW JERSEY		
8/27/2021		DRAWN TM
JACK J. GRAVLIN JR.		CHECKED JJG
PROFESSIONAL ENGINEER, L.L.C. NO. 26816		SCALE 1"=30'
		DATE 2/2021
		PROJECT 40102
		SHEET 1 OF 6



MISCELLANEOUS STORMWATER / DRAINAGE NOTES & REQUIREMENTS

1. NO WATER OTHER THAN STORMWATER SHALL BE DIRECTED TO THE STORMWATER SYSTEM. THIS INCLUDES NO COOLING WATER FROM MECHANICAL UNITS.
2. NO FLOOR DRAINS OR WASH DOWN EFFLUENT SHALL BE PERMITTED TO DRAIN TO STORMWATER SYSTEM OR BASIN.
3. THE STORMWATER BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH PINELANDS REQUIREMENTS, SPECIFICALLY SECTION N.J.A.C. 7:50-6.84 (a) 6. iv. OF THE PINELANDS MANAGEMENT PLAN. CONTACT ENGINEER FOR A COPY IF NEEDED.
4. AS BUILT AND PERMEABILITY TESTING, AS PER SECTION N.J.A.C. 7:50-6.84 (a) 6. v. OF THE PINELANDS MANAGEMENT PLAN WILL BE REQUIRED AFTER BASIN CONSTRUCTION.

STORMWATER SYSTEM MAINTENANCE SCHEDULE

PERIOD: ON GOING / AS NEEDED

PIPING SYSTEM: INSPECT / REMOVE LITTER FROM GRATES AND INLETS AFTER MAJOR STORM EVENTS

BASIN: MOW SLOPES, REMOVE LITTER AND DEBRIS

PARKING LOT: SWEEP PAVEMENT AS NEEDED / TWO (2) TIMES ANNUALLY MINIMUM

PERIOD: TWO (2) TIMES PER YEAR

PIPING SYSTEM: INSPECT / REMOVE LITTER FROM GRATES AND INLETS AFTER MAJOR STORM EVENTS

BASIN: INSPECT FOR RODENT INFESTATION, INSPECT TO INSURE BASIN IS DRAINING WITH NO STANDING WATER AFTER 72 HOURS FOLLOWING A RAIN EVENT, REMOVE ACCUMULATED SILT IF REQUIRED

PERIOD: EVERY TWO (2) YEARS (SEMI-ANNUALLY)

BASIN: REMOVE SILT & DEBRIS, SCARIFY BOTTOM, BACKFILL WITH K4 SAND, REPLACE 6" K5 COARSE SAND BOTTOM IF REQUIRED

RESPONSIBLE PARTY: OWNER

SUBSEQUENT CONTRACTS FOR BASIN MAINTENANCE BETWEEN THE OWNER AND A SECOND PARTY SHALL BE PROVIDED TO THE TOWN.

THE STORMWATER MAINTENANCE SCHEDULE SHALL BE PROVIDED TO THE BOARD'S SOLICITOR FOR REVIEW PRIOR TO BEING RECORDED ON THE DEED OF RECORD AS PER NJAC 7:8-5.8 (d).

GRADING NOTES

1. ALL SLOPES SHALL BE A MAXIMUM OF 3:1 (3' HORIZONTAL TO 1' VERTICAL)
2. ALL FILLED AREAS SHALL BE COMPACTED TO 95% MWD.
3. ANY EXCESS CUT MATERIAL SHALL BE REMOVED AND DISPOSED OF OFFSITE.
4. DO NOT TOPSOIL BOTTOM OF PROPOSED BASIN AREA. EXISTING SAND BELOW BASIN FOR A DEPTH OF 5" TO BE INSPECTED BY DESIGN AND TOWN ENGINEER. ANY UNSUITABLE MATERIAL MUST BE EXCAVATED AND REPLACED WITH A PERMEABLE (K4) SAND.
5. THE CONTRACTOR SHALL VERIFY GRADES PRIOR TO PAVING TO INSURE THAT ADEQUATE SLOPE EXISTS IN ALL AREAS SO THAT NO PONDING RESULTS ON ANY PAVED SURFACES.

HANDICAP RAMP / BARRIER FREE REQUIREMENTS

1. ALL CONSTRUCTION SHALL CONFORM TO BARRIER FREE REGULATIONS.
2. ALL RAMPS SHALL BE 4' WIDE WITH 1:12 TRANSITION FLARES
3. ALL HC PARKING AREAS SHALL HAVE A MAXIMUM SLOPE OF 2%
4. OMITTED.
5. ALL HC RAMPS SHALL COMPLY WITH ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC-RIGHT-OF-WAY DATED 7/26/2011
6. ALL ACCESSIBLE ROUTES, INCLUDING DRIVEWAYS, SHALL HAVE A MAXIMUM CROSS SLOPE OF 2%.

LEGEND	
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
15.3	EXISTING ELEVATION
15.3	PROPOSED ELEVATION
TC	TOP OF CURB
TP	TOP OF PAVING
SW	BOTTOM OF SWALE

1	8/27/2021	BERLIN TWP SUBMISSION
REV.	DATE	
GRADING PLAN		
JACK J. GRAVLIN JR, P.E. MAILING ADDRESS P.O. BOX 221, WEST BERLIN, NEW JERSEY 08091 PHONE: 609-965-0405 FAX: 609-965-0105 Email: jjgpe@verizon.net		
ARCADIAN ALLIED PROPERTIES, LLC BLOCK 1702 LOT 6.06 201 ALLIED PARKWAY BERLIN TOWNSHIP, CAMDEN CO., NEW JERSEY		
JACK J. GRAVLIN JR. PROFESSIONAL ENGINEER, L.L.C. NO. 26816		8/27/2021 DRAWN TM CHECKED JVG SCALE 1"=30' DATE 2/2021 PROJECT 40102 SHEET 2 OF 6

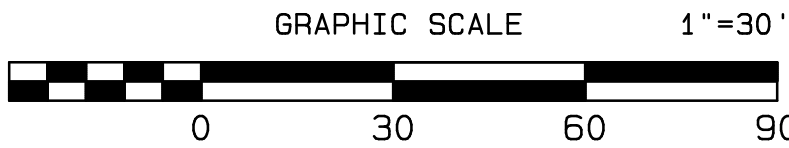
STORMWATER MANAGEMENT SYSTEM GUARANTEE AND RESPONSIBILITIES

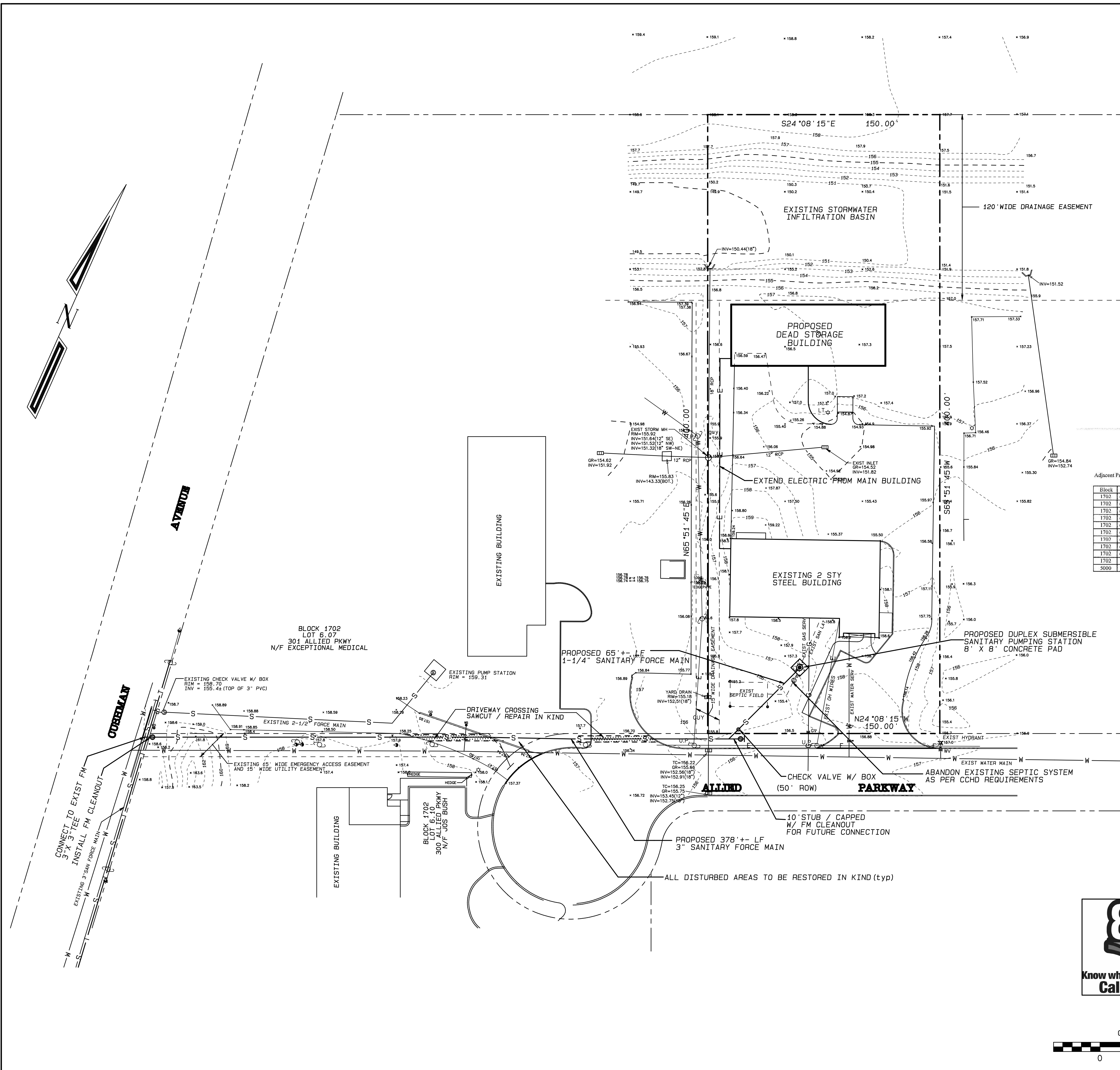
PURSUANT TO THE PINELANDS COMPREHENSIVE MANAGEMENT PLAN, THE OWNER SHALL PROVIDE A FOUR (4) YEAR MAINTENANCE GUARANTEE AND A TEN (10) YEAR INSPECTION AND MAINTENANCE PROGRAM FOR THE STORMWATER MANAGEMENT SYSTEM.

THE OWNER OF THE SITE WILL BE RESPONSIBLE FOR PERPETUAL MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES.

K5 SAND BOTTOM SHALL MEET THE TEXTURAL AND PERMEABILITY SPECIFICATIONS OF A K5 SOIL AS PROVIDED IN NJAC 7:8A APPENDIX A, FIGURE 6. A CERTIFICATION SHALL BE PROVIDED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NJ THAT THE INSTALLED SAND MEETS THE SPECIFICATION.

TYPICAL BASIN SECTION
NTS





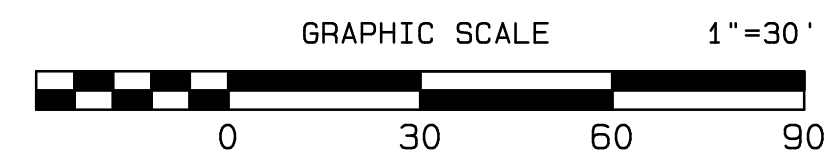
DATE NOTIFIED	AUTHORITY TO BE NOTIFIED
ATLANTIC CITY ELECTRIC 5100 Harding Highway Mays Landing, New Jersey 08330 ATTN: Joseph Blasing	
PUBLIC SERVICE ELECTRIC & GAS 80 Park Plaza-108 Morristown, New Jersey 07960	
COMCAST CABLE 1250 Haddonfield Berlin Road Cherry Hill, New Jersey 08002	
SOUTH JERSEY GAS One South Jersey Plaza, Route 54 Folsom, New Jersey 08037	
NEW JERSEY AMERICAN WATER 100 Lincoln Drive Yonkers, New Jersey 08043	
BERLIN BOROUGH WATER DEPARTMENT 59 South White Horse Pike Berlin, New Jersey 08009	
CAMDEN COUNTY PLANNING BOARD 2111 Edge Harbor Road Lindenwald, New Jersey 08021	
CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY 1645 Ferry Avenue Camden, New Jersey 08104	
STATE OF NEW JERSEY DEPARTMENT OF TRANSPORTATION 1015 Parkway Avenue, Box 101 Trenton, New Jersey 08623	
BERLIN TOWNSHIP CLERK'S OFFICE 115 Route 73 South West Berlin, New Jersey 08091	
BERLIN TOWNSHIP CHIEF OF POLICE 131 Route 73 South West Berlin, New Jersey 08091	
NJ DOT Region South Permit Office One Executive Campus Route 70 West Cherry Hill, NJ 08002	
NJDOT Bureau of Major Access Permits PO Box 600 1015 Parkway Avenue Trenton, NJ 08623	

Adjacent Property Listing for Block 1702 Lot 6.06 Township of Berlin - 209 Feet

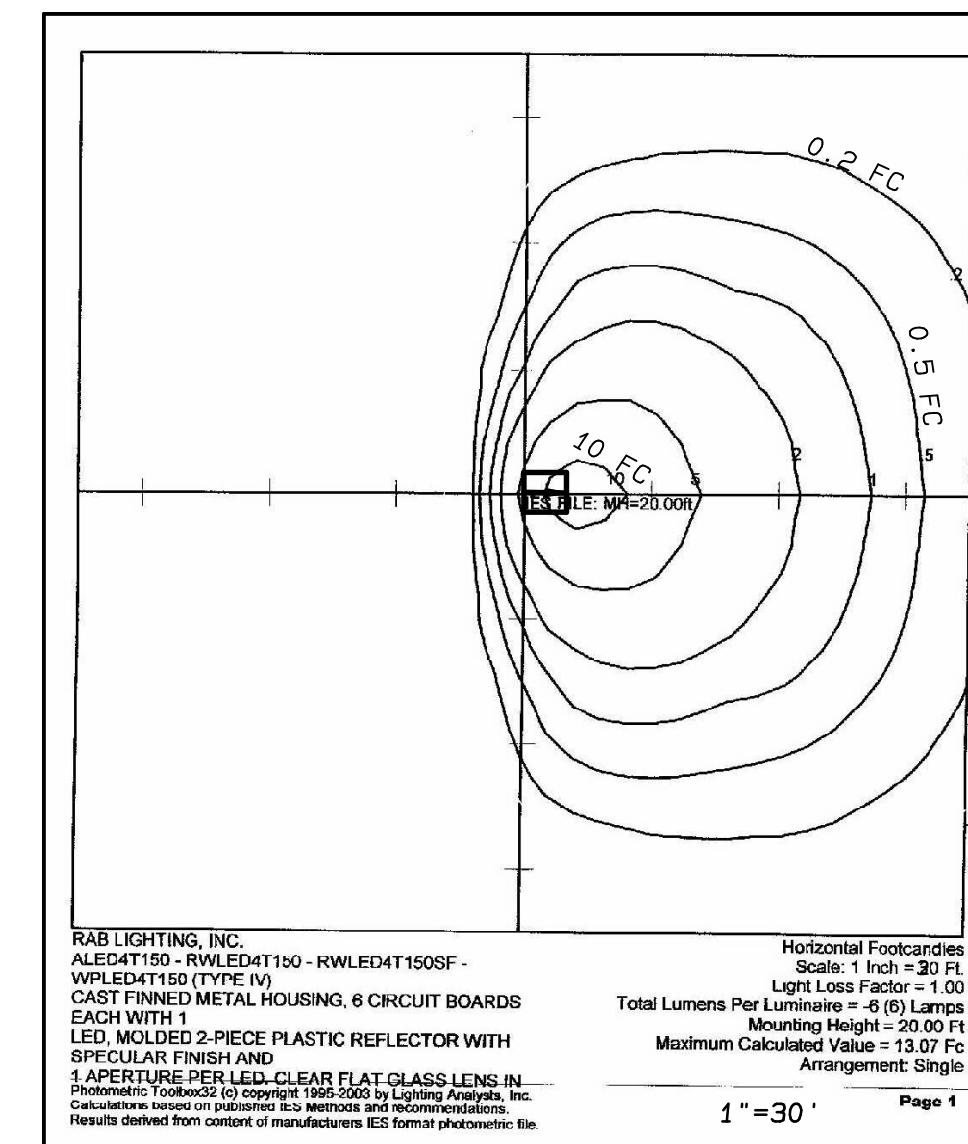
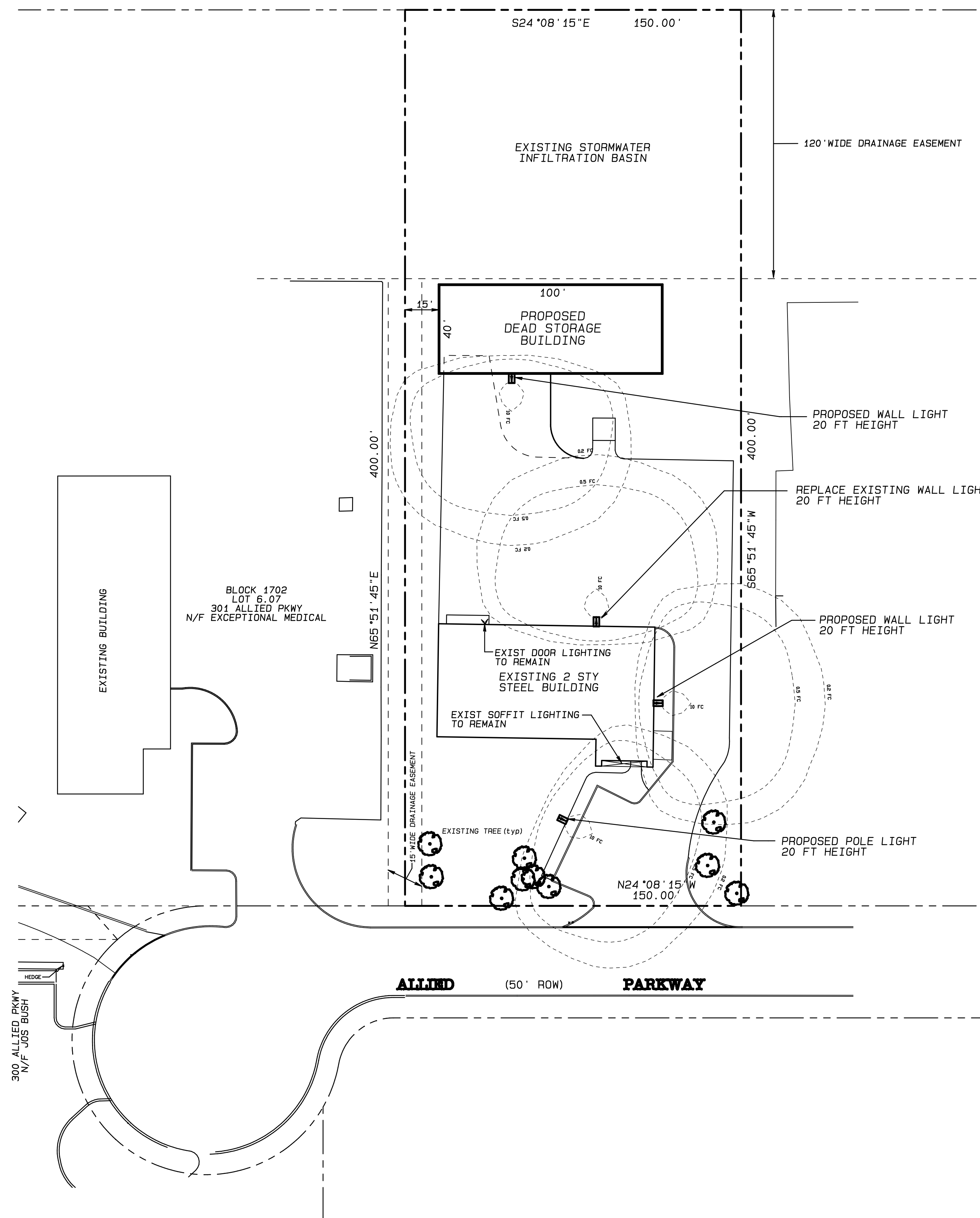
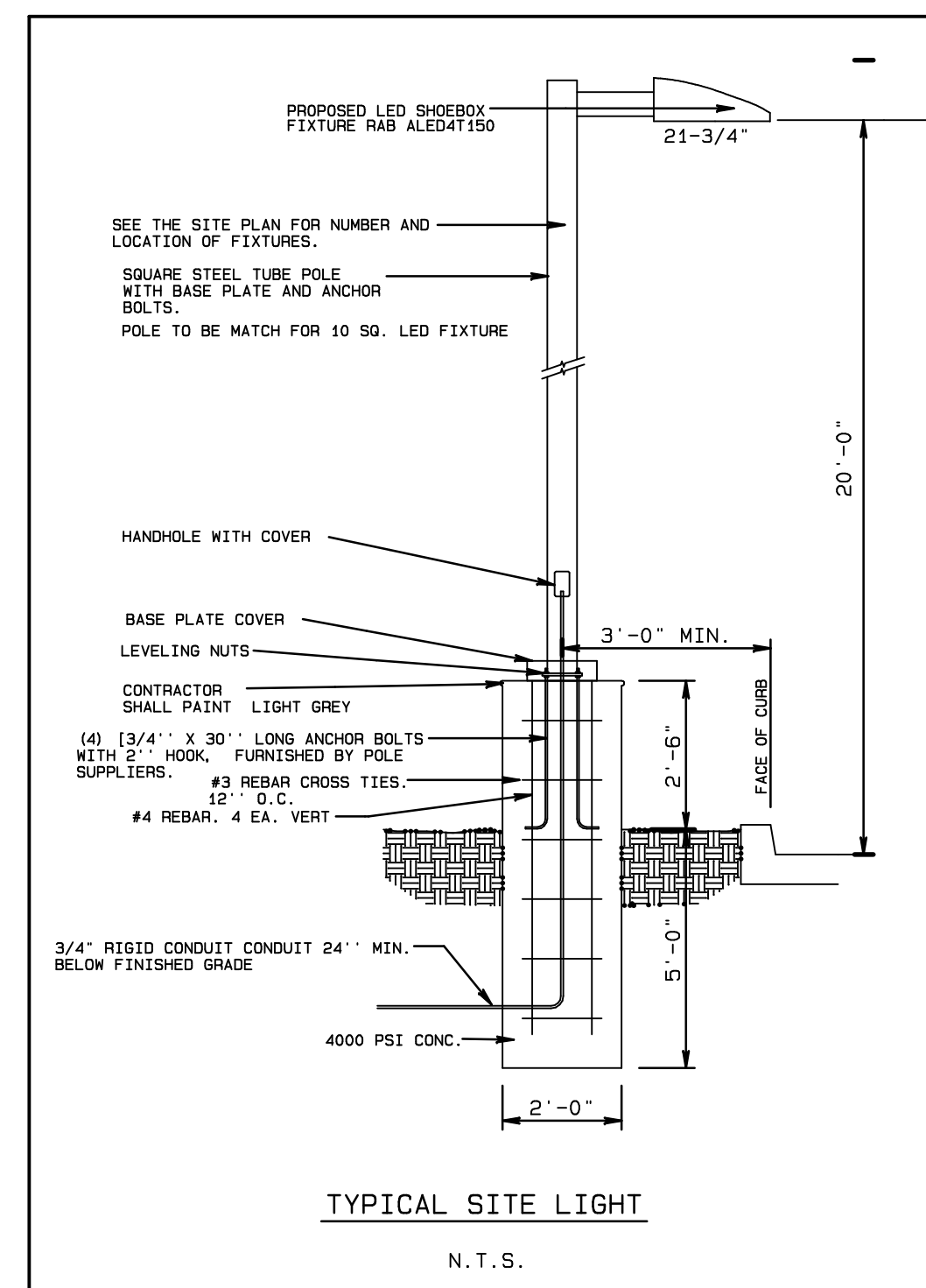
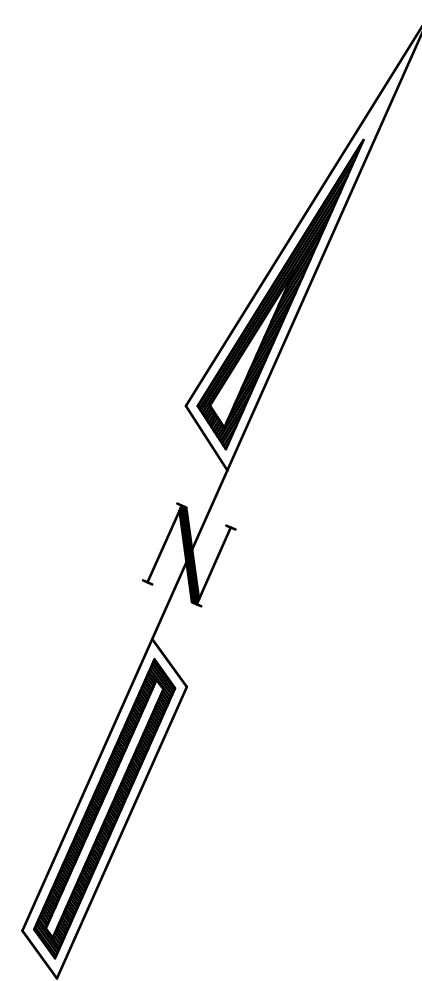
Block	Lot	Qual	Property Location	OwnerName	Owner Street Address	Owner City, State, Zip	Add'l Lots
1702	6.02		225 EDGEWOOD AVE	EDGEWOOD 1992 LLC	225 EDGEWOOD AVENUE	WEST BERLIN NJ 08091	
1702	6.03		235 EDGEWOOD AVE	CGR PROPERTIES LLC	361 COOPER ROAD	WEST BERLIN, NJ 08091	
1702	6.04		215 EDGEWOOD AVE	T & D REAL ESTATE LLC	215 EDGEWOOD AVE	WEST BERLIN, NJ 08091	
1702	6.05		101 ALLIED PARKWAY	VTD PARTNERSHIP	197 FOLK ROAD	BERKINGSVILLE, PA 18031	
1702	6.06		201 ALLIED PARKWAY	ARCADIAN ALLIED PROPERTIES LLC	201 ALLIED PARKWAY	WEST BERLIN, NJ 08091	
1702	6.07		301 ALLIED PARKWAY	EXCEPTIONAL PROPERTIES, LLC	PO BOX 19	WEST BERLIN, NJ 08091	
1702	6.08		200 & 250 ALLIED PARKWAY	INTERSTATE INVESTMENTS, LLC	101 STACY HAINES ROAD	LUMBERTON, NJ 08048	
1702	6.09		100 ALLIED PARKWAY	HERBERT, ELBIRN & JAMIE	100 ALLIED PARKWAY	WEST BERLIN, NJ 08091	
1702	6.10		300 ALLIED PARKWAY	OBARA, EMIL	1064 INDUSTRIAL DRIVE	WEST BERLIN, NJ 08091	
1702	8	QFARM	550-590 COOPER ROAD	SAFONAK, ANTHONY & MARY	581 COOPER ROAD	WEST BERLIN, NJ 08091	
5000	1		TELEPHONE LINES	VERIZON - NJ - C/O DUFF & PHELPS	PO BOX 1749	ADDISON, TX 75001	

OWNERS WITHIN 200'

SEE SHEET 6 FOR PUMPING & FORCE MAIN DETAILS AND REQUIREMENTS



1	8/27/2021	BERLIN TWP SUBMISSION
REV.	DATE	
UTILITY PLAN		
JACK J. GRAVLIN JR, P.E. MAILING ADDRESS P.O. BOX 221, WEST BERLIN, NEW JERSEY 08091 PHONE: 609-965-0405 FAX: 609-965-0105 Email: jjgpe@verizon.net		
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JACK J. GRAVLIN JR.		8/27/2021
PROFESSIONAL ENGINEER, L.I.C. NO. 26816		
DRAWN	TM	
CHECKED	JJG	
SCALE	1"=30'	
DATE	2/2021	
PROJECT	40102	
SHEET	3 OF 6	




- ### LIGHTING REQUIREMENTS
1. AREA LIGHTS SHALL BE 6 SQUARE LED, 20" POLE MOUNT, (TYPE 4 DISTRIBUTION) AS SUPPLIED BY RAB LIGHTING. THREE (3) WALL MOUNT, 20" HIGH ALSO PROPOSED. MODEL ALED2150 (4 SINGLE PROPOSED), OR APPROVED EQUAL.
 2. EXISTING AREA LIGHT ON REAR TO BE REPLACED, INCLUDED IN NUMBER ABOVE.
 3. ALL AREAS LIGHTS SHALL BE SETBACK A MINIMUM OF FIVE (5) FEET
 4. BEHIND THE CURB OR AT BOTTOM PROTECTION SHALL BE PROVIDED.
 5. LIGHTS SHALL BE SHIELDED, AS REQUIRED, TO MINIMIZE GLARE AND SPILLAGE ONTO ADJOINING PROPERTIES AND AREAS.
 6. EXISTING SUBJECT TO INSPECTION TO DETERMINE SHIELDING REQUIREMENTS AND TO VERIFY 1.0 FC LEVELS IN ALL PARKING AREAS.
 7. ALL WIRING ASSOCIATED WITH THE SITE LIGHTING SHALL BE UNDERGROUND SERVICES.
 8. PARKING LOT LIGHTING (EXISTING) TO BE SET ON TIMERS TO EXTINGUISH DURING NON OPERATIONAL HOURS.
 9. ORIENT FIXTURES AS INDICATED ON THE PLAN.
 10. EXISTING SOFFIT LIGHTING ON THE FRONT OF THE BUILDING AND AT REAR DOOR SHALL REMAIN.
 11. ILLUMINATION LEVELS BELOW THE SOFFIT IN THE SIDEWALK AREAS SHALL BE AN AVERAGE OF 1.0 FC MINIMUM.

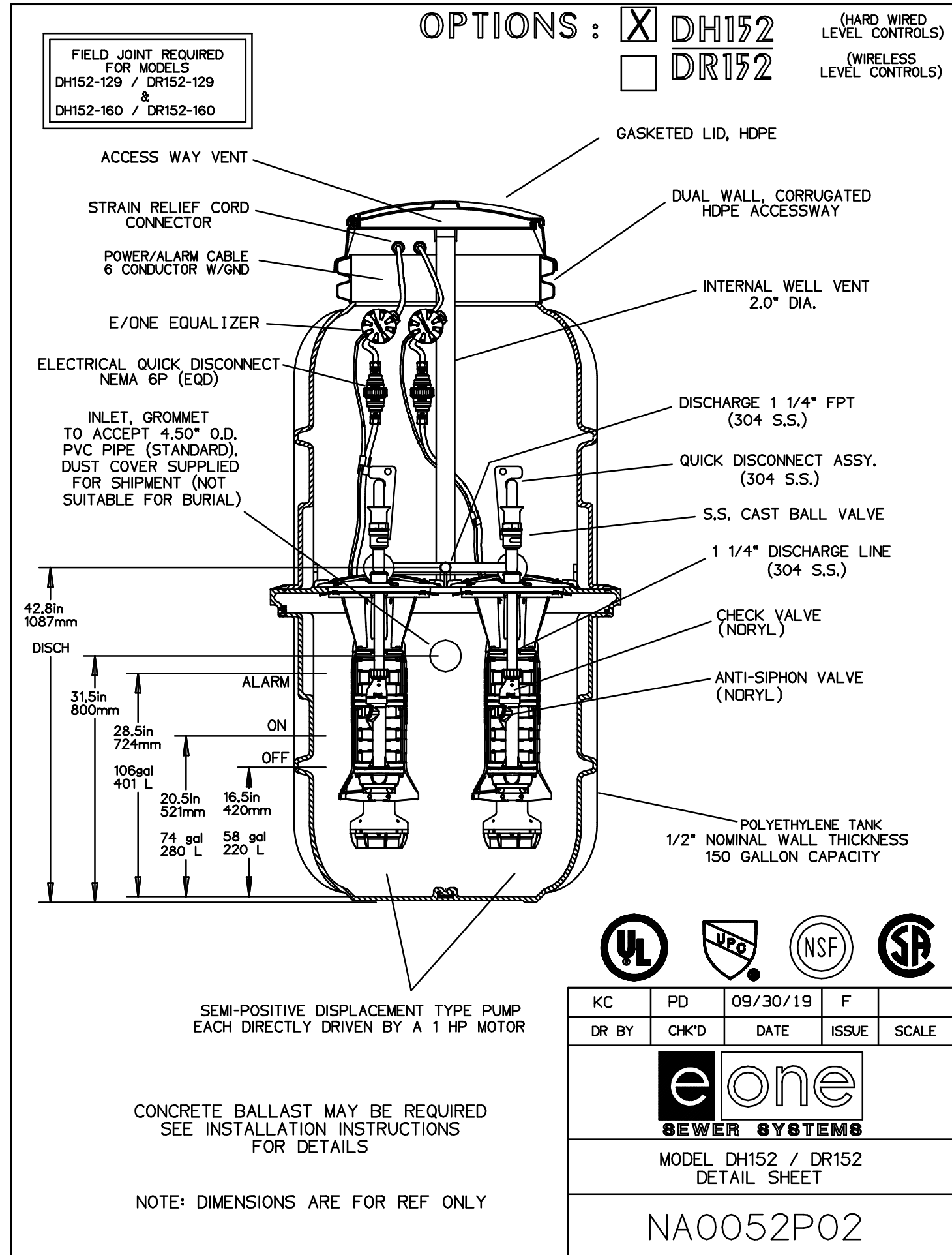
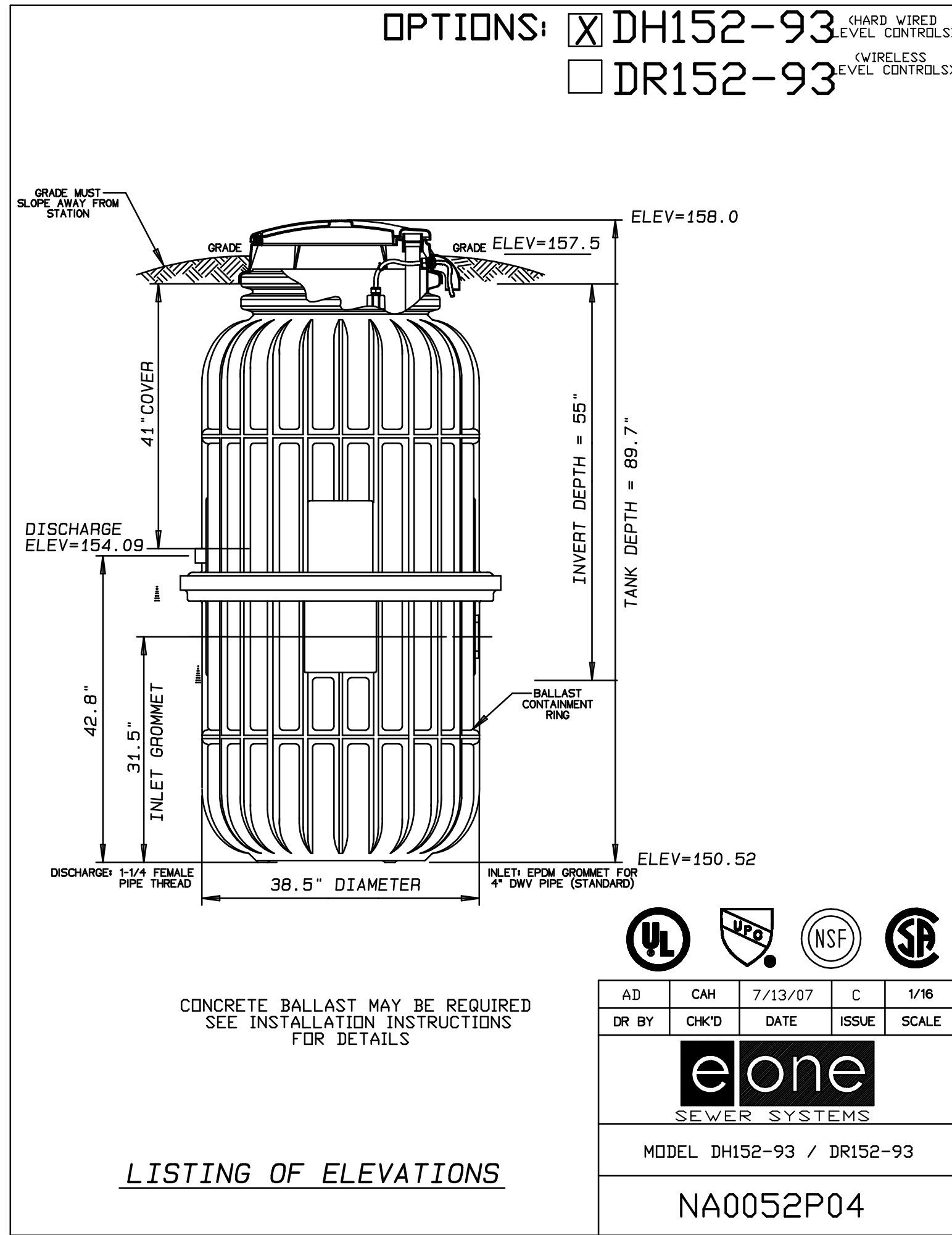
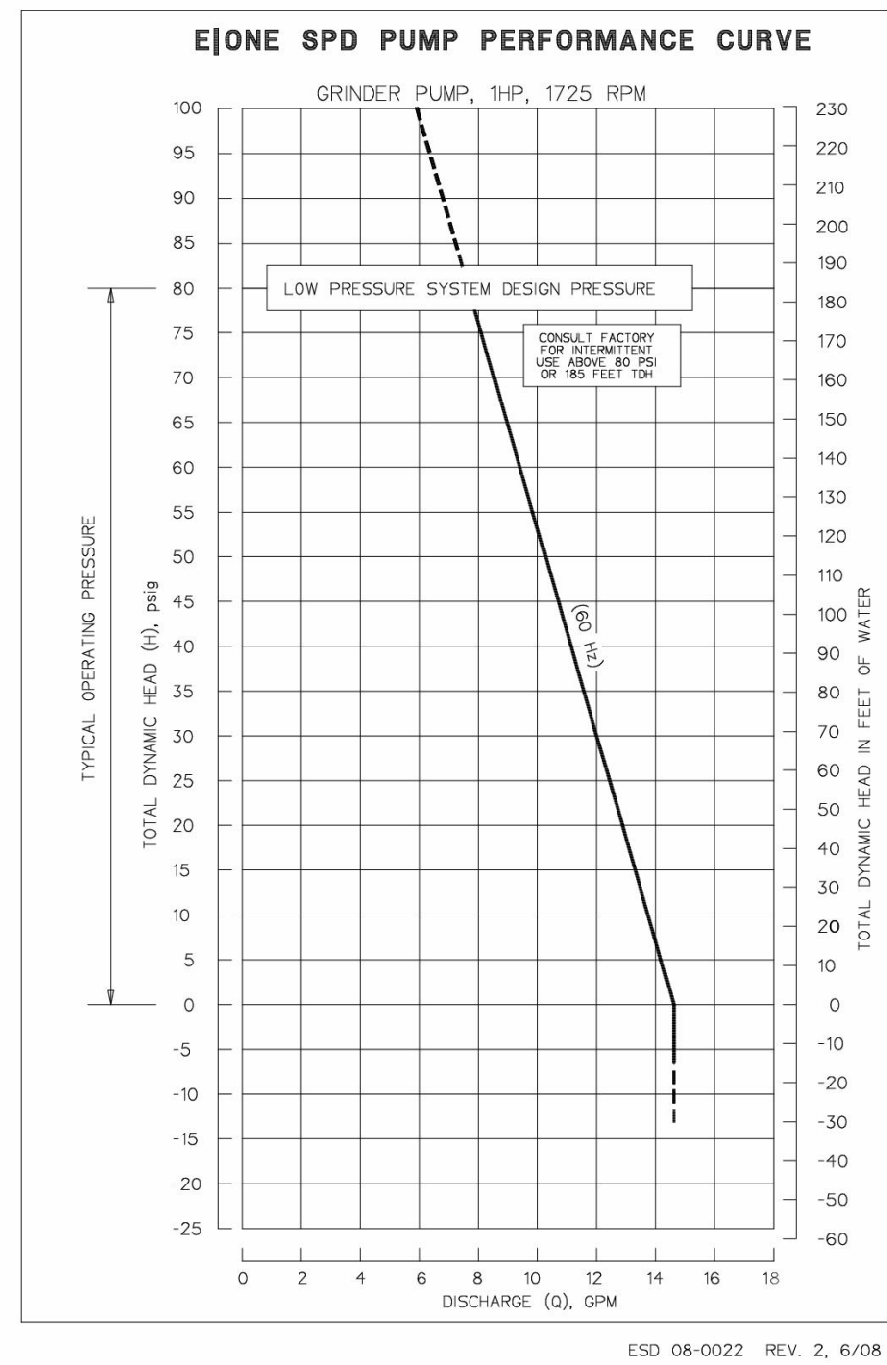
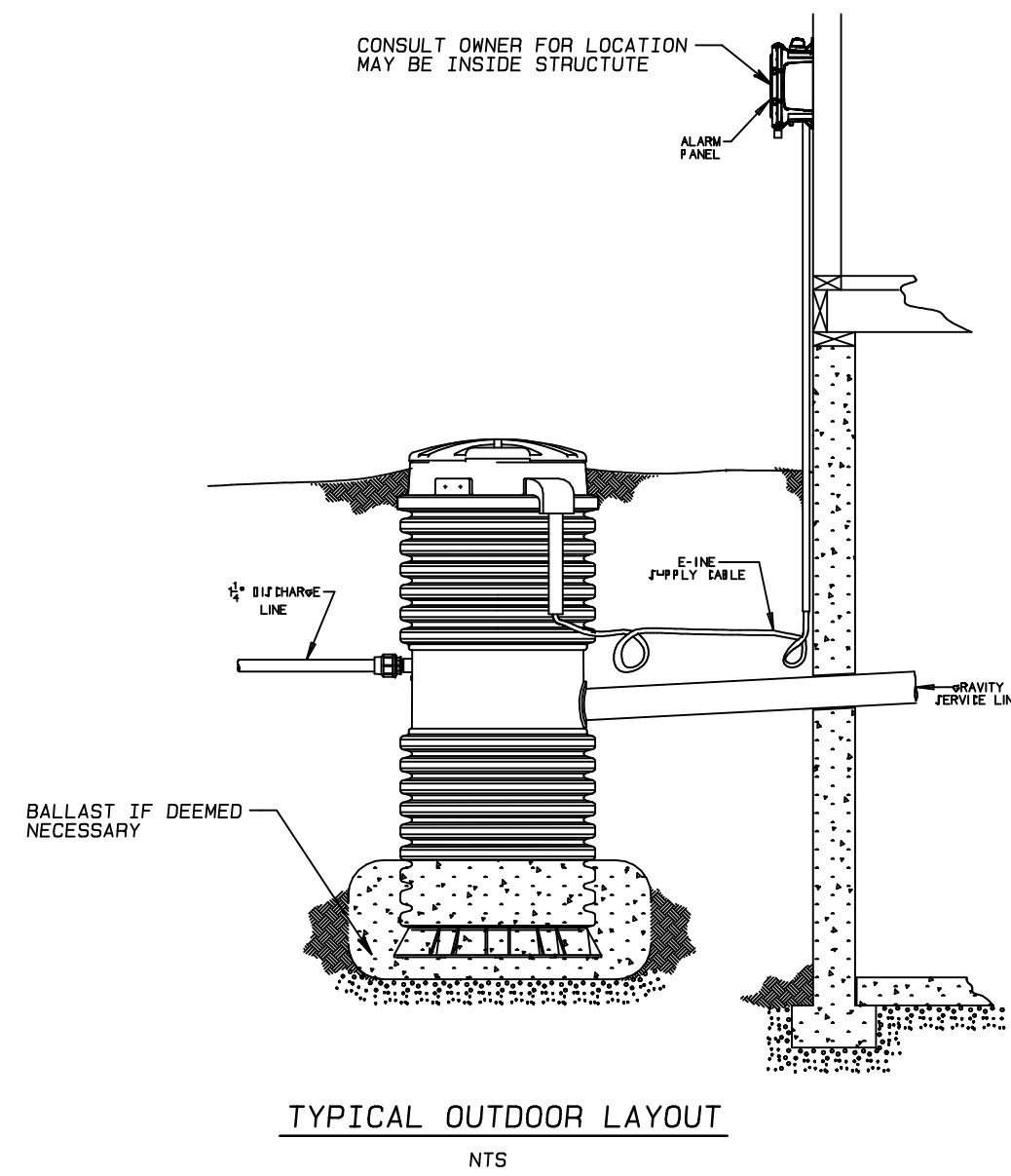
LIGHTING TABULATION

- NEW 20' HIGH POLE - SINGLE FIXTURE = 1
NEW 20' BUILDING MOUNT FIXTURES = 2
REPLACEMENT 20' BUILDING LIGHT = 1



RAB ALED4T150

1	8/27/2021	BERLIN TWP SUBMISSION												
REV.	DATE													
LIGHTING PLAN														
JACK J. GRAVLIN JR., P.E.														
MAILING ADDRESS														
P.O. BOX 221, WEST BERLIN, NEW JERSEY 08091														
PHONE: 609-965-0405 FAX: 609-965-0105														
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PROFESSIONAL ENGINEER, L.I.C. NO. 26816		<table><tr><td>DRAWN</td><td>TM</td></tr><tr><td>CHECKED</td><td>JJG</td></tr><tr><td>SCALE</td><td>1"=30'</td></tr><tr><td>DATE</td><td>2/2021</td></tr><tr><td>PROJECT</td><td>40102</td></tr><tr><td>SHEET</td><td>5 OF 6</td></tr></table>	DRAWN	TM	CHECKED	JJG	SCALE	1"=30'	DATE	2/2021	PROJECT	40102	SHEET	5 OF 6
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GENERAL NOTES AND CONSTRUCTION REQUIREMENTS:

- BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL CONTACT THE "ONE CALL DIG NUMBER" (1-800-272-1000) FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE "DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT.
- THE CONTRACTOR SHALL CONTACT AND COORDINATE FORCE MAIN INSTALLATION WITH ALL UTILITY COMPANIES. THE CONTRACTOR SHALL FULLY PROTECT ALL EXISTING UTILITY LINES AND MAINS, AS REQUIRED, DURING FORCE MAIN INSTALLATION.
- ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE CODES AND REQUIREMENTS OF BERLIN TWP., CAMDEN CO., AND THE STATE OF NEW JERSEY.
- MATERIAL COMPRISING FORCE MAIN SHALL BE CONTINUOUS ROLLED PVC / POLY. ALL FORCE MAIN SHALL BE RATED FOR 160 PSI, NSF CERTIFIED AND INSTALLED WITH A TRACING WIRE LOCATABLE AT PROPOSED DEPTH. GRAVITY PIPE SHALL BE PVC SDR-35.
- ALL FITTINGS AND PIPE JOINTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
- BACKFILL AROUND PUMP CHAMBER TO BE PLACED IN 8" LAYERS AND COMPACTED TO AVOID SETTLEMENT OR SHIFTING AND SHALL BE FREE OF LARGE STONES, ROOTS OR FOREIGN OBJECTS.
- BUILDING (GRAVITY) SEWER TO BE CONSTRUCTED AS PER UNIFORM CONSTRUCTION CODE.
- PIPES IN SYSTEM SHALL BE CONNECTED WITH ELBOW JOINTS NOT EXCEEDING 45 DEGREE ANGLE.
- CONTRACTOR TO OBTAIN ALL REQUIRED PLUMBING, ELECTRICAL, AND ROAD OPENING PERMITS.
- THE CONTRACTOR SHALL SUPPLY ALL REQUIRED SHEETING, SHORING, DEWATERING, VENTILATION REQUIRED FOR SAFE AND PROPER INSTALLATION OF SYSTEM COMPONENTS.
- THE OWNER OF THE SUBJECT PROPERTY WILL BE THE OWNER AND OPERATOR OF THE PUMPING AND FORCE MAIN SYSTEM. THE OWNER WILL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND MAINTENANCE OF SYSTEM.
- A WARNING LIGHT AND AUDIBLE ALARM SHALL BE PROVIDED. COORDINATE DUPLEX CONTROL PANEL AND ALARM LOCATIONS WITH OWNER OF BUILDING (POSSIBLE INTERIOR LOCATION)

PUMPING EQUIPMENT

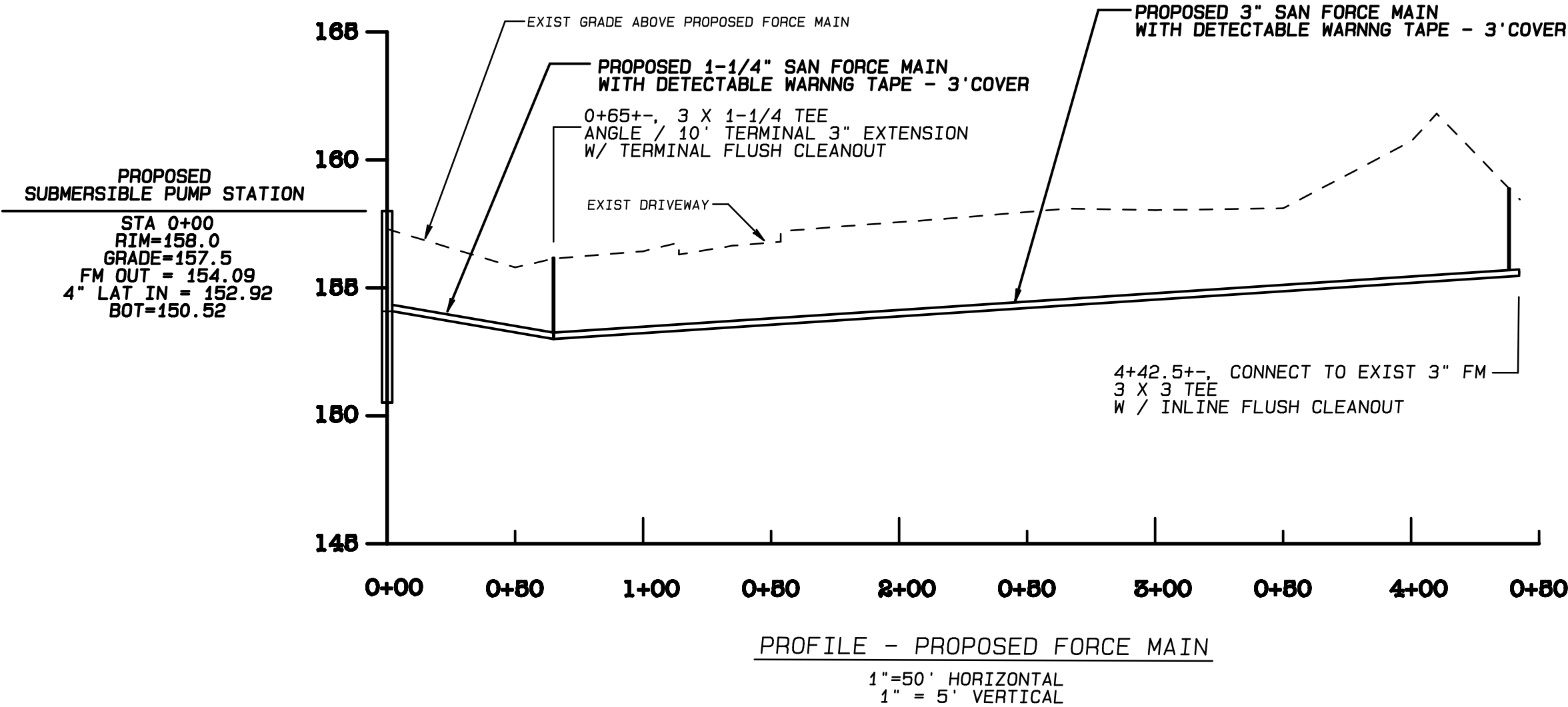
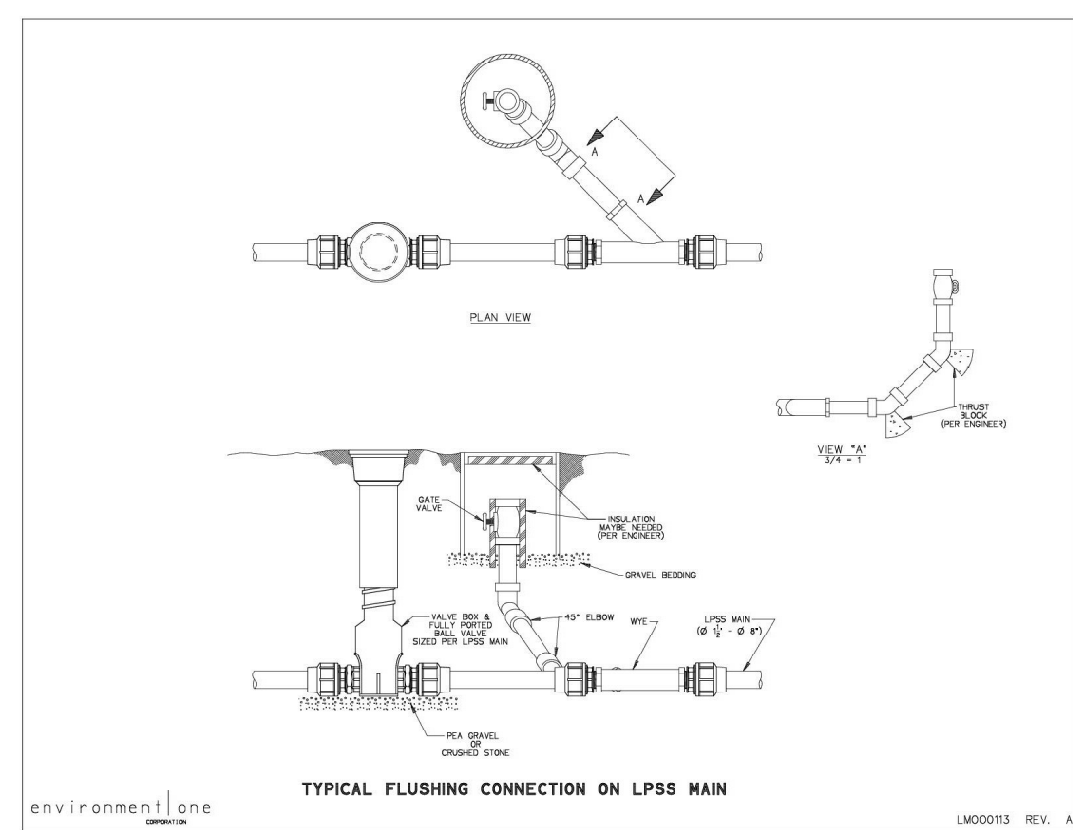
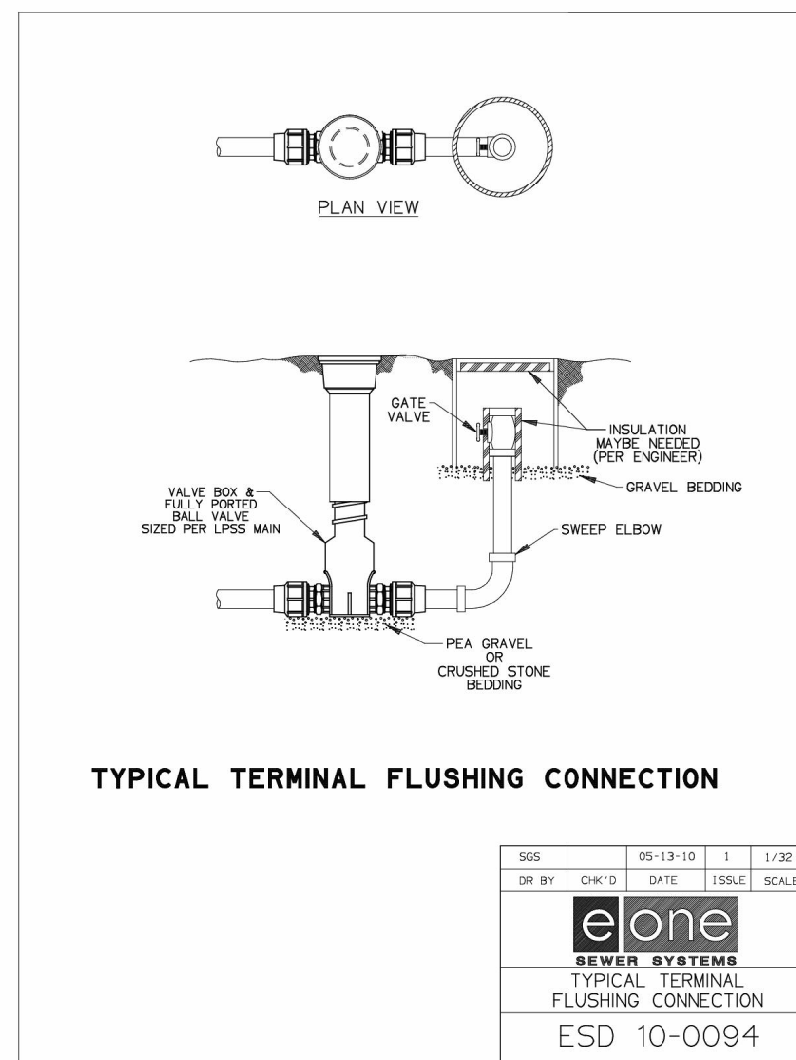
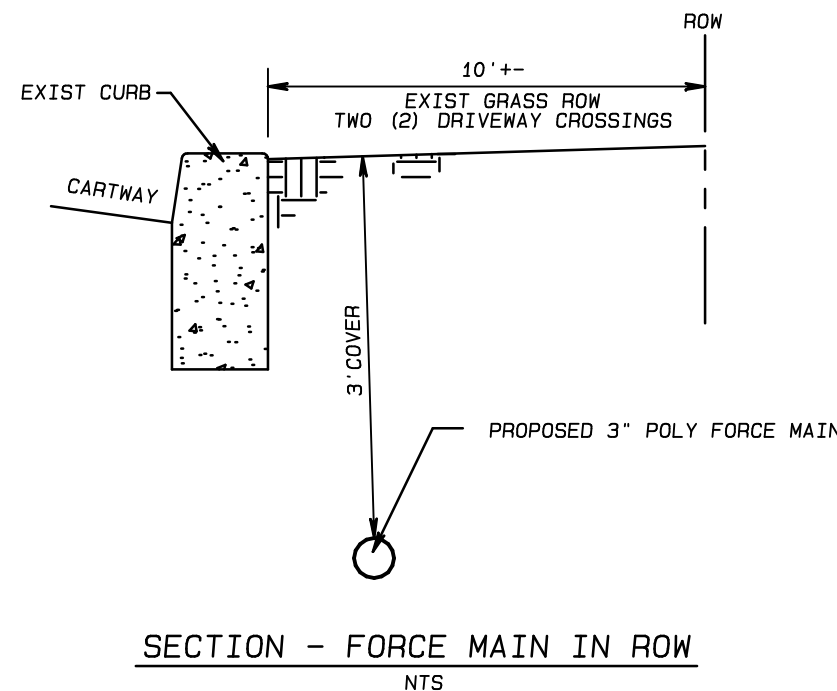
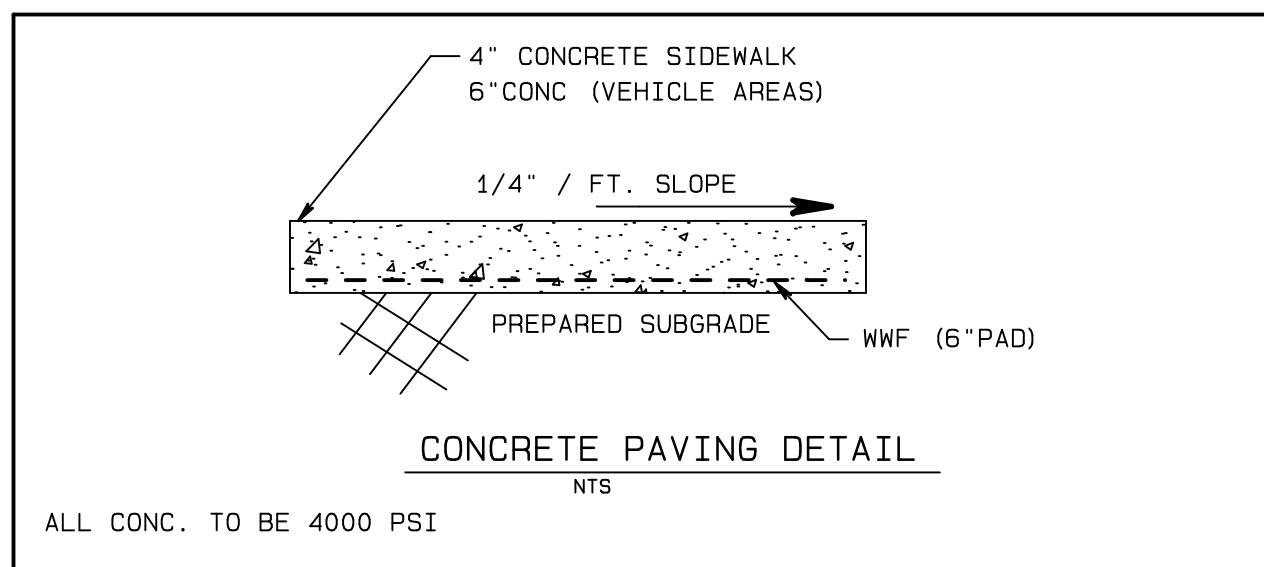
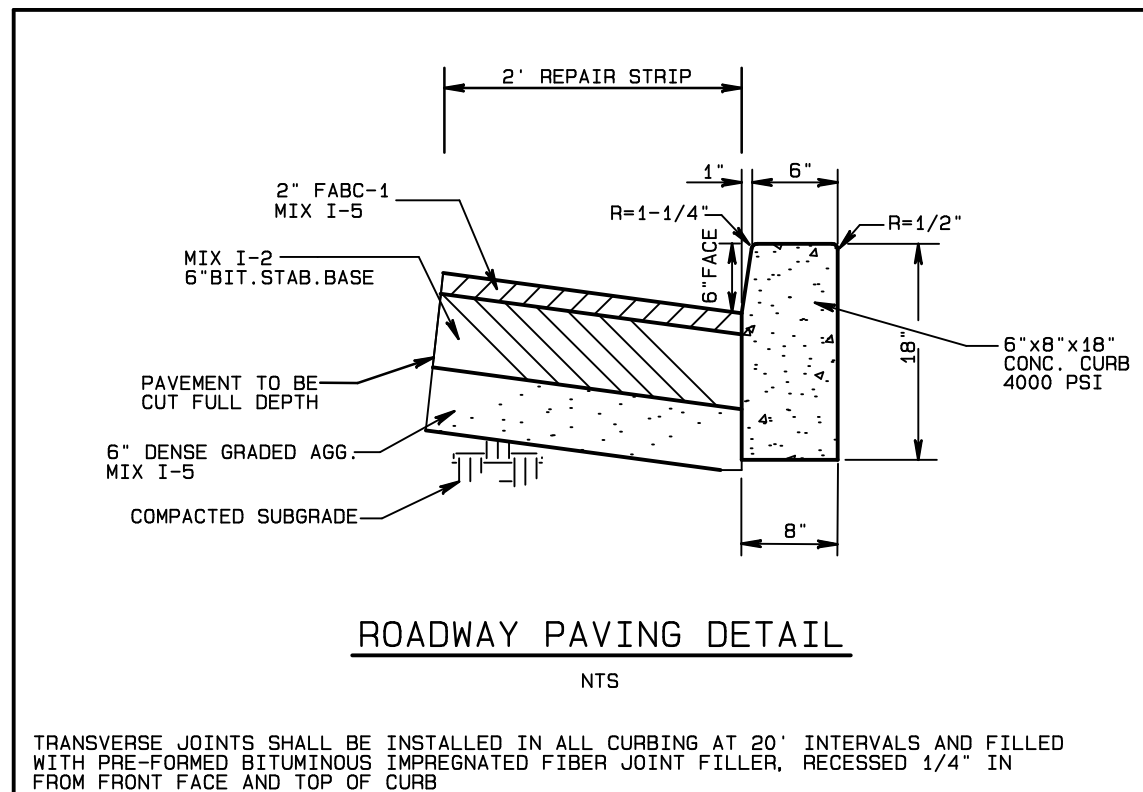
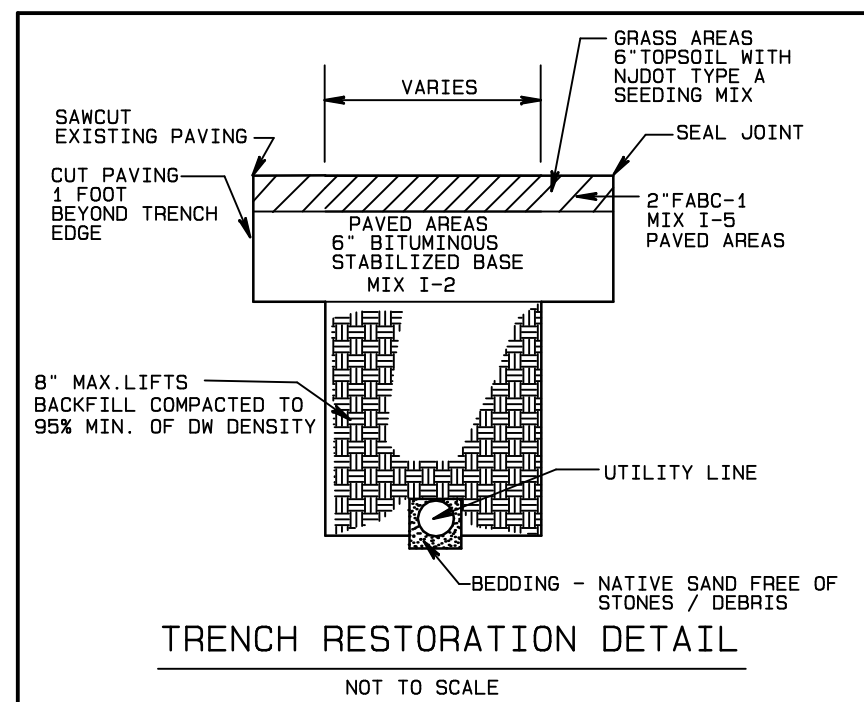
PACKAGED PUMP STATION SHALL BE MODEL DH152-93, DUPLEX (2) 1 HP MOTORS, HARD WIRED OPTION AS MANUFACTURED BY E ONE SEWER SYSTEMS.

CONTACT: Joseph P. Speese, New Business Development Manager
Site Specific Design, Inc. 1704 Rockwell Rd | Abington PA 19001
jspeese@sitespecificsales.com | 0.215.887.3730 | M: 201.344.9118

THE CONTRACTOR IS ADVISED THAT INSTALLATION INSTRUCTIONS, PUMP / ELECTRICAL INFORMATION, AND CONTROLS / ALARM INFORMATION & REQUIREMENTS ARE AVAILABLE AT THE COMPANY WEBSITE: <https://eone.com/sewer-systems/products/grinder-pump-systems/dh071>. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE MANUFACTURER AS LISTED THEREIN. CONTACT ENGINEER OR MANUFACTURER REP IF YOU NEED A PAPER COPY.

PUMPING SYSTEM SCOPE OF WORK

- PROVIDE AND INSTALL PRE-PACKAGED DUPLEX GRINDER PUMP LIFT STATION, COMPLETE, WITH ALL REQUIRED EQUIPMENT, JUNCTION BOXES, ALARMS, ETC. NEEDED FOR A FULLY OPERATIONAL COMMERCIAL / DUPLEX PUMPING / LIFT STATION
- PROVIDE AND INSTALL 1-1/4" & 3" PVC FORCE MAIN WITH TRACER WIRE
- CONNECT FORCE MAIN TO EXISTING 3" SANITARY FORCEMAIN BY INSTALLATION OF 3 X 3 TEE.
- PROVIDE & INSTALL FORCE MAIN CLEANOUTS BEFORE CUSHMAN AVE CONNECTION POINT AND AT END OF CAPPED SECTION.
- RESTORE ALL DISTURBED AREAS IN KIND



1	8/27/2021	BERLIN TWP SUBMISSION
REV.	DATE	
DUPLEX PUMP STATION DETAILS & PROFILE		
JACK J. GRAVLIN JR., P.E. MAILING ADDRESS P.O. BOX 221, WEST BERLIN, NEW JERSEY 08091 PHONE: 609-965-0405 FAX: 609-965-0105 Email: jjgpe@verizon.net		
ARCADIAN ALLIED PROPERTIES, LLC BLOCK 1702 LOT 6.06 201 ALLIED PARKWAY BERLIN TOWNSHIP, CAMDEN CO., NEW JERSEY		
JACK J. GRAVLIN JR. PROFESSIONAL ENGINEER, L.L.C. NO. 26816		DRAWN TM CHECKED JVG SCALE NOTED DATE 2/2021 PROJECT 40102 SHEET 6 OF 6