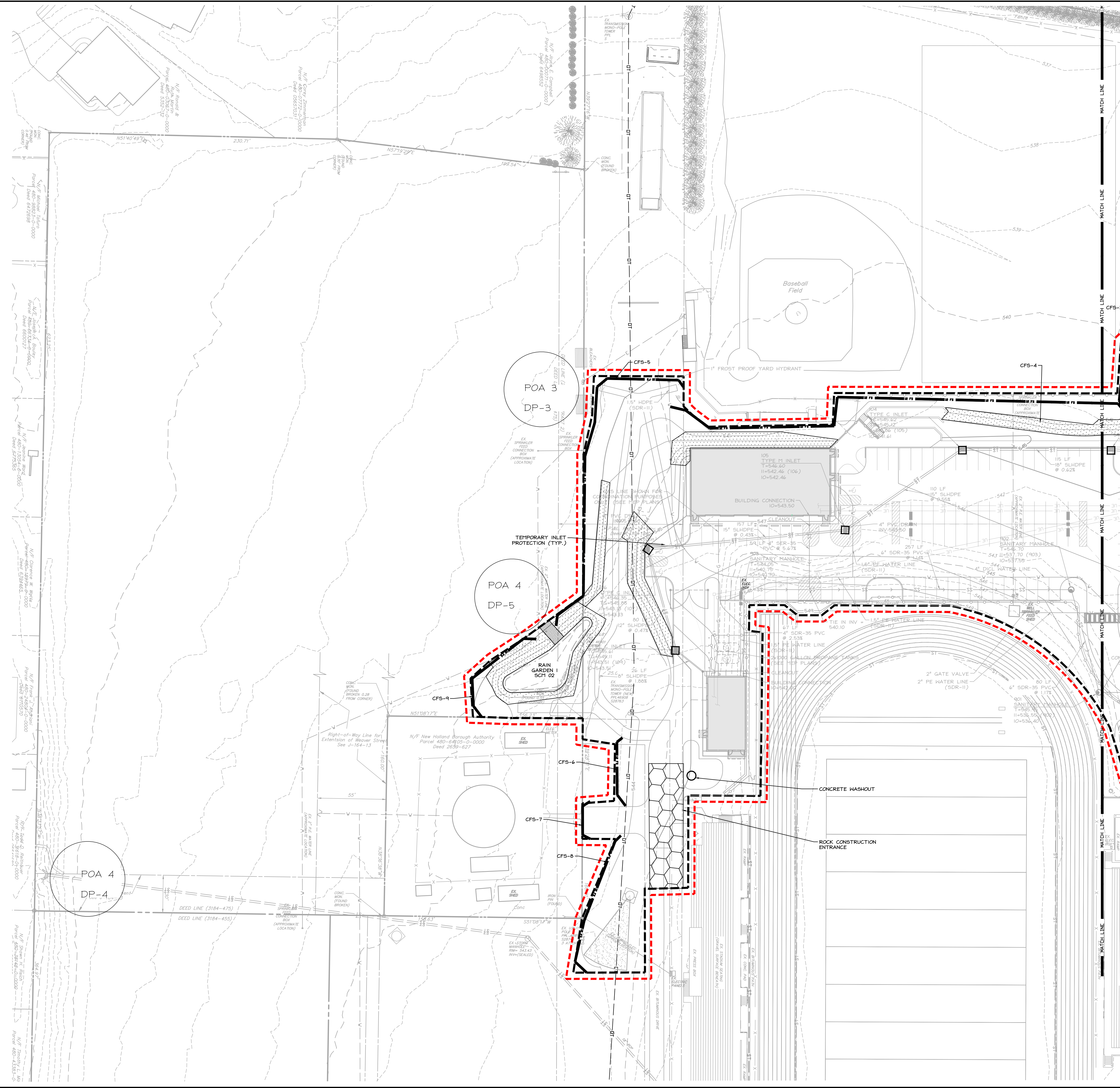
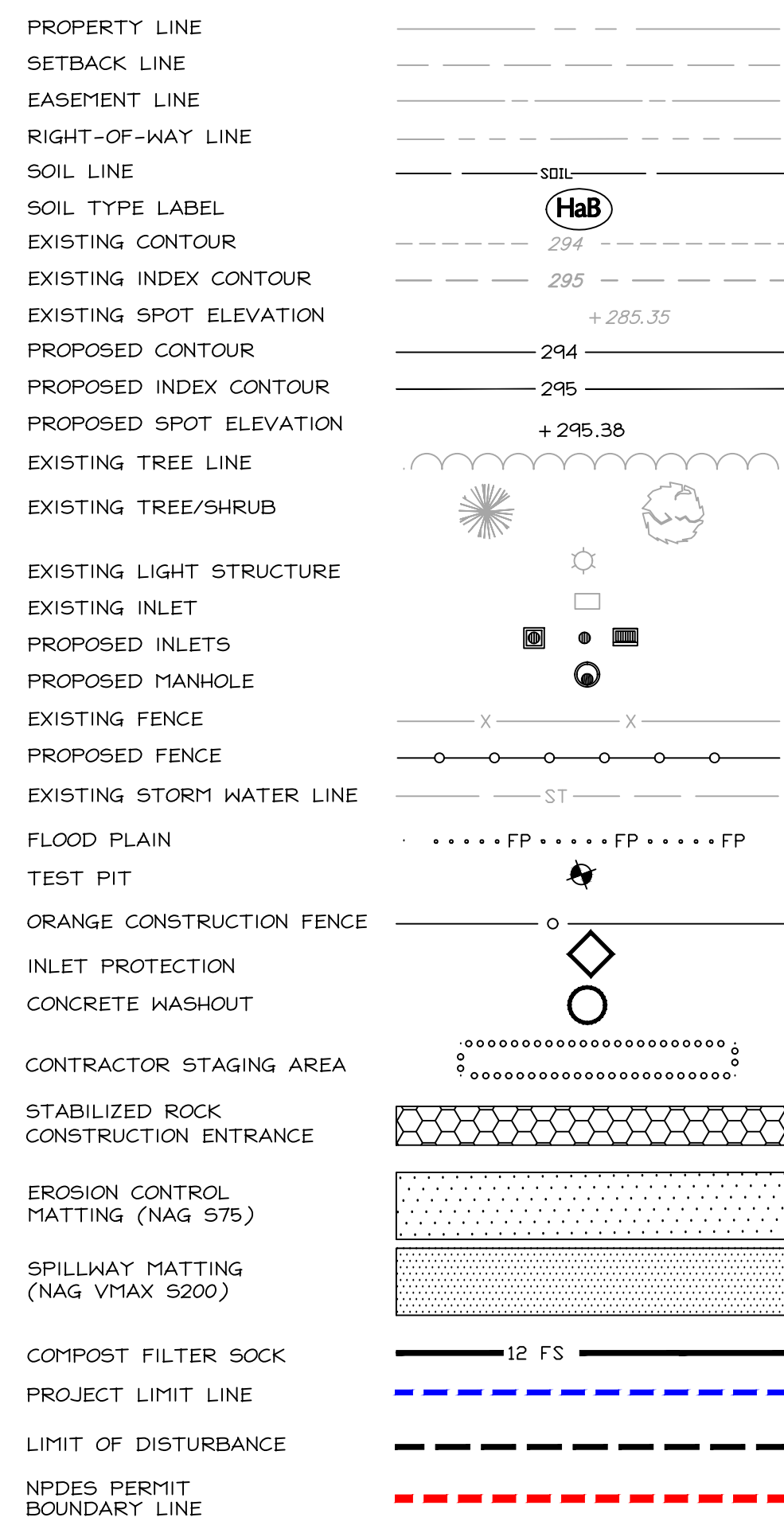
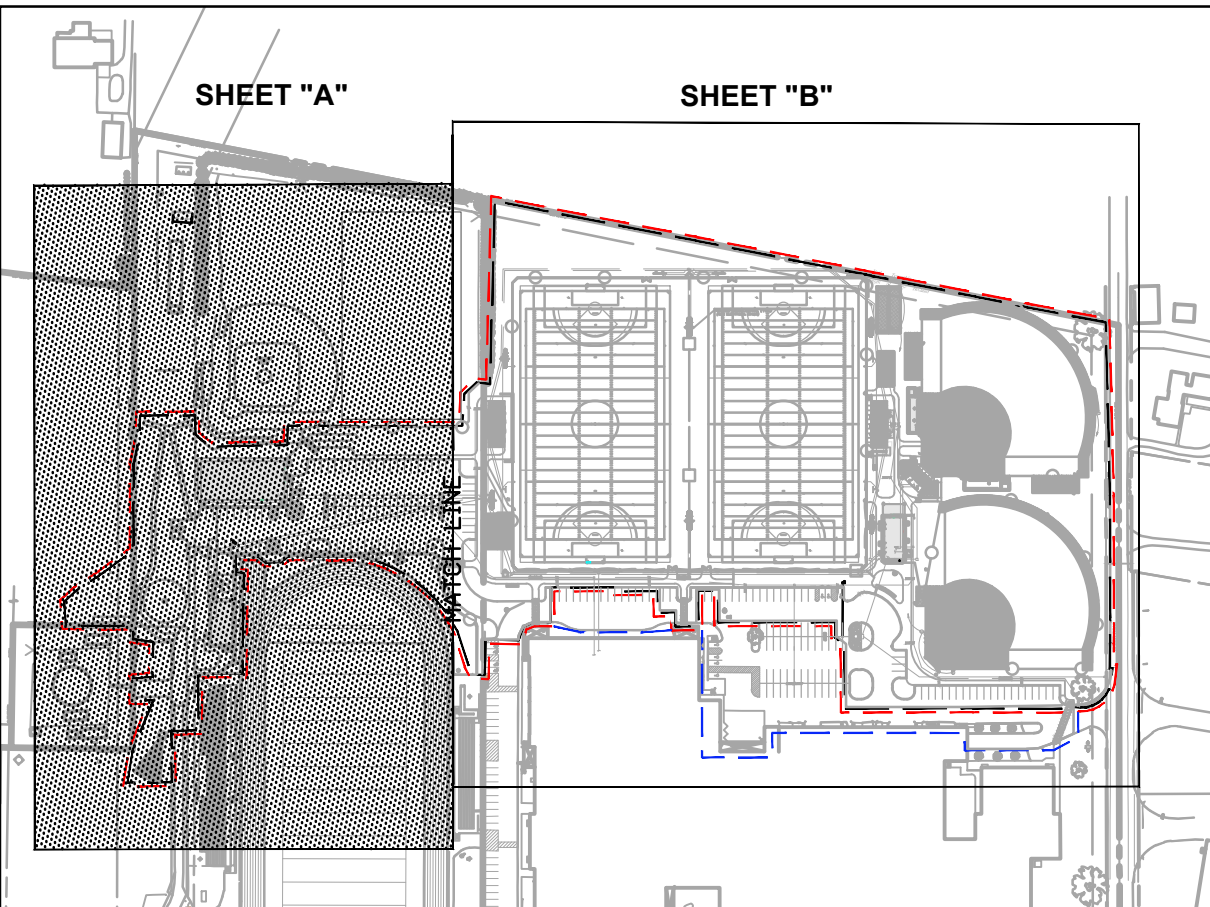




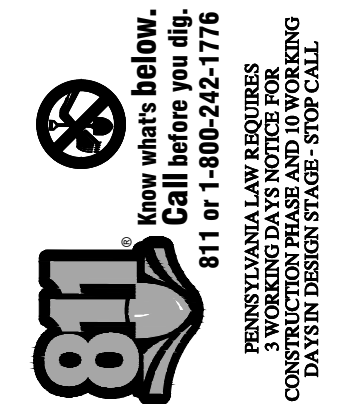
CONSTRUCTION EROSION CONTROL PLAN LEGEND



DETAIL LEGEND		
NAME	SHEET	NO.
STANDARD CONSTRUCTION DETAIL #3-2 ABACT ROCK CONSTRUCTION ACCESS WITH WASH RACK	C-703	01
ABACT PUMPED WATER FILTER BAG	C-703	02
ABACT ROCK FILTER OUTLET	C-703	03
STANDARD CONSTRUCTION DETAIL #4-1 COMPOST FILTER SOCK	C-703	04
TEMPORARY TOPSOIL STOCKPILE INSTALLATION	C-703	05
STANDARD CONSTRUCTION DETAIL #11-1 EROSION CONTROL BLANKET INSTALLATION	C-703	06
EROSION CONTROL BLANKET STAPLE PATTERN	C-703	07
COMPOST FILTER SOCK WASHOUT INSTALLATION	C-703	08
STANDARD CONSTRUCTION DETAIL #4-15 FILTER BAF INLET PROTECTION- TYPE C INLET	C-703	09



KEY MAP
N.T.S.



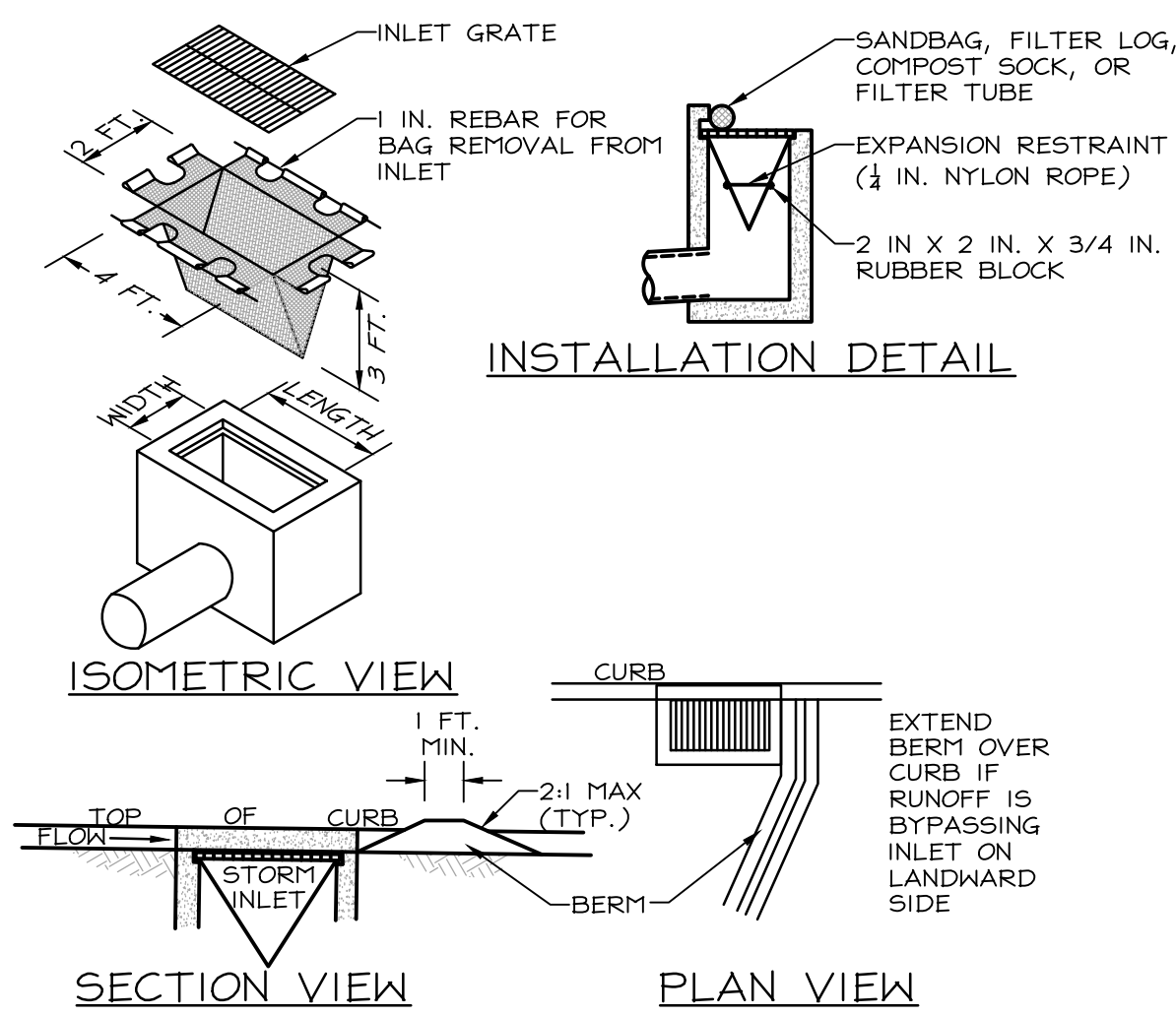
DERCK & DENSON
EST. 1940
CAMPBUSES DOWNTOWN ATHLETICS
33 SOUTH BROAD STREET LITZ PA 17543 18823
301 N. 10TH STREET LITZ PA 17543 18823
WWW.DERCKANDDENSON.COM (717) 682-5644

CONSTRUCTION EROSION CONTROL PLAN 'A'
BID DOCUMENTS
GARDEN SPOT ATHLETICS CAMPUS
GARDEN SPOT MIDDLE/HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

RELEASES:
No. DATE DESCRIPTION
1 08/14/26 BID SET

DATE: 01/09/2026
PROJECT #: 250540
DRAWN BY: JPL/DCC
PK: JFH
PIC: SBS
DRAWING NO.

C-702.1



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

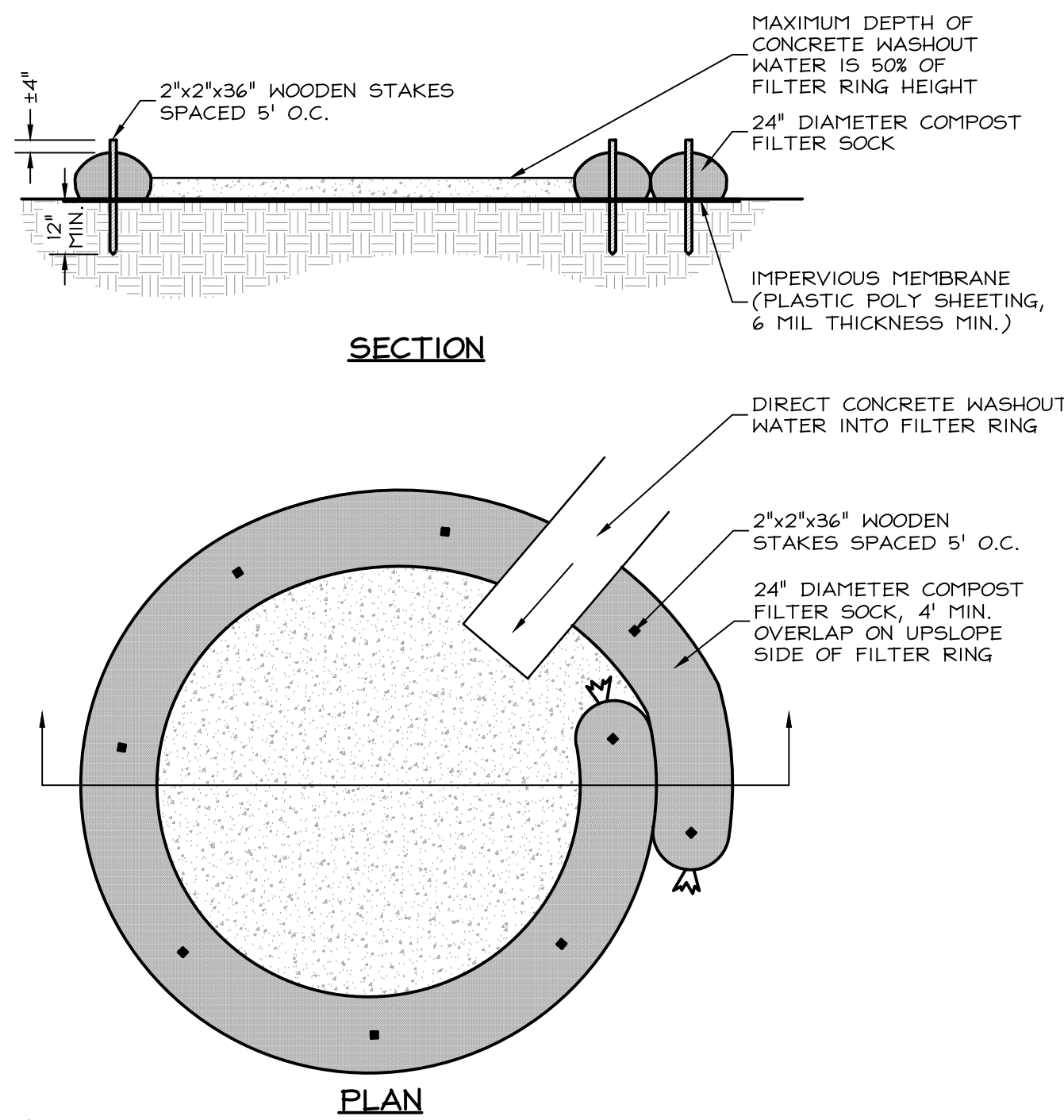
ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT. AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

STANDARD CONSTRUCTION DETAIL #4-15 FILTER BAG INLET PROTECTION - TYPE C INLET

NOT TO SCALE

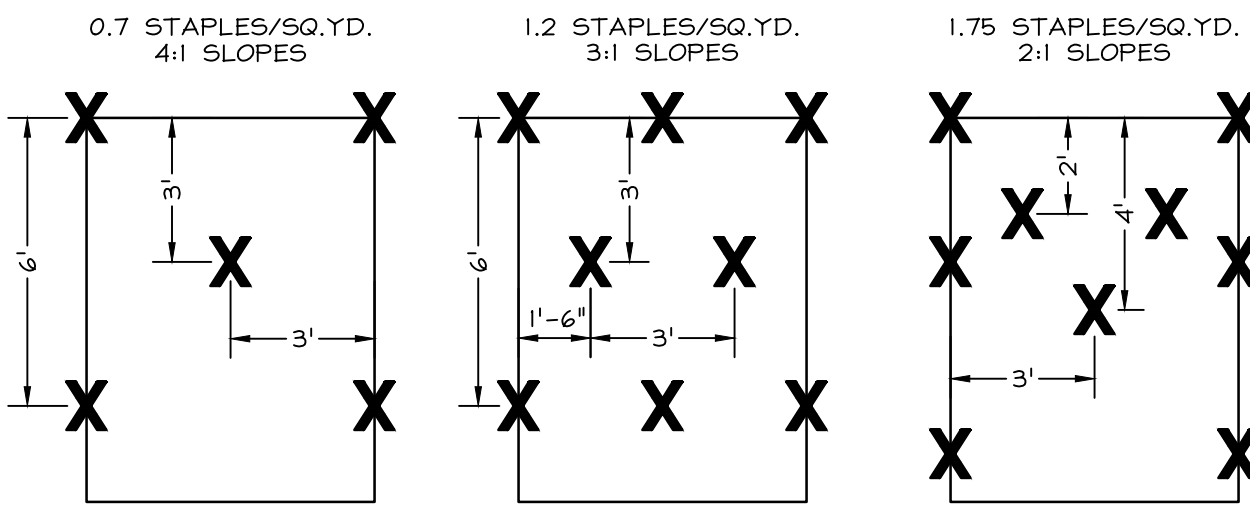


NOTES:

- INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
- 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.
- A SUITABLE IMPERVIOUS MEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

COMPOST FILTER SOCK WASHOUT INSTALLATION

SCALE: 1/4"=1'-0"

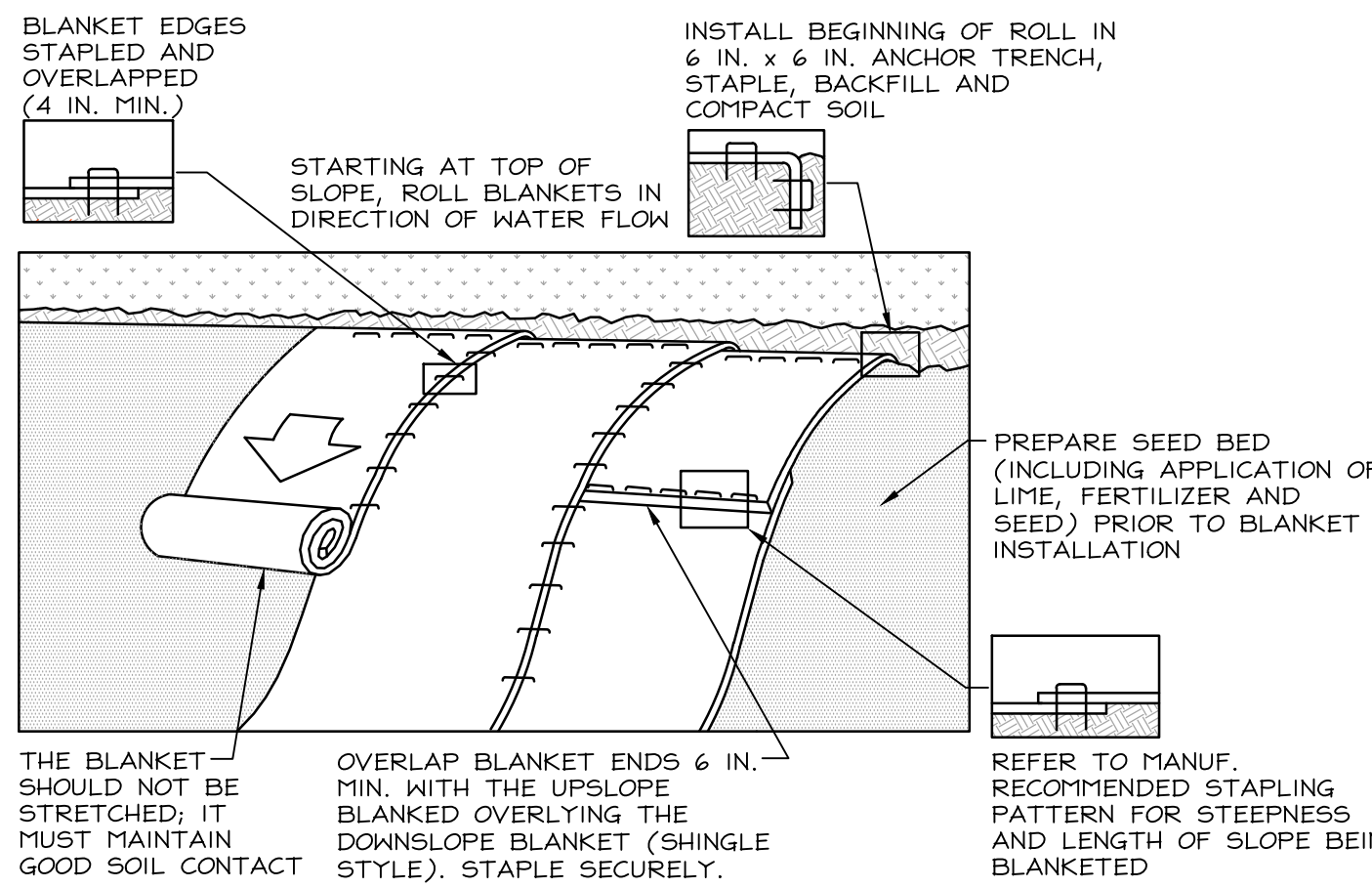


NOTES:

THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL BLANKET STAPLE PATTERN

NOT TO SCALE



NOTES:

SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.

PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.

SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.

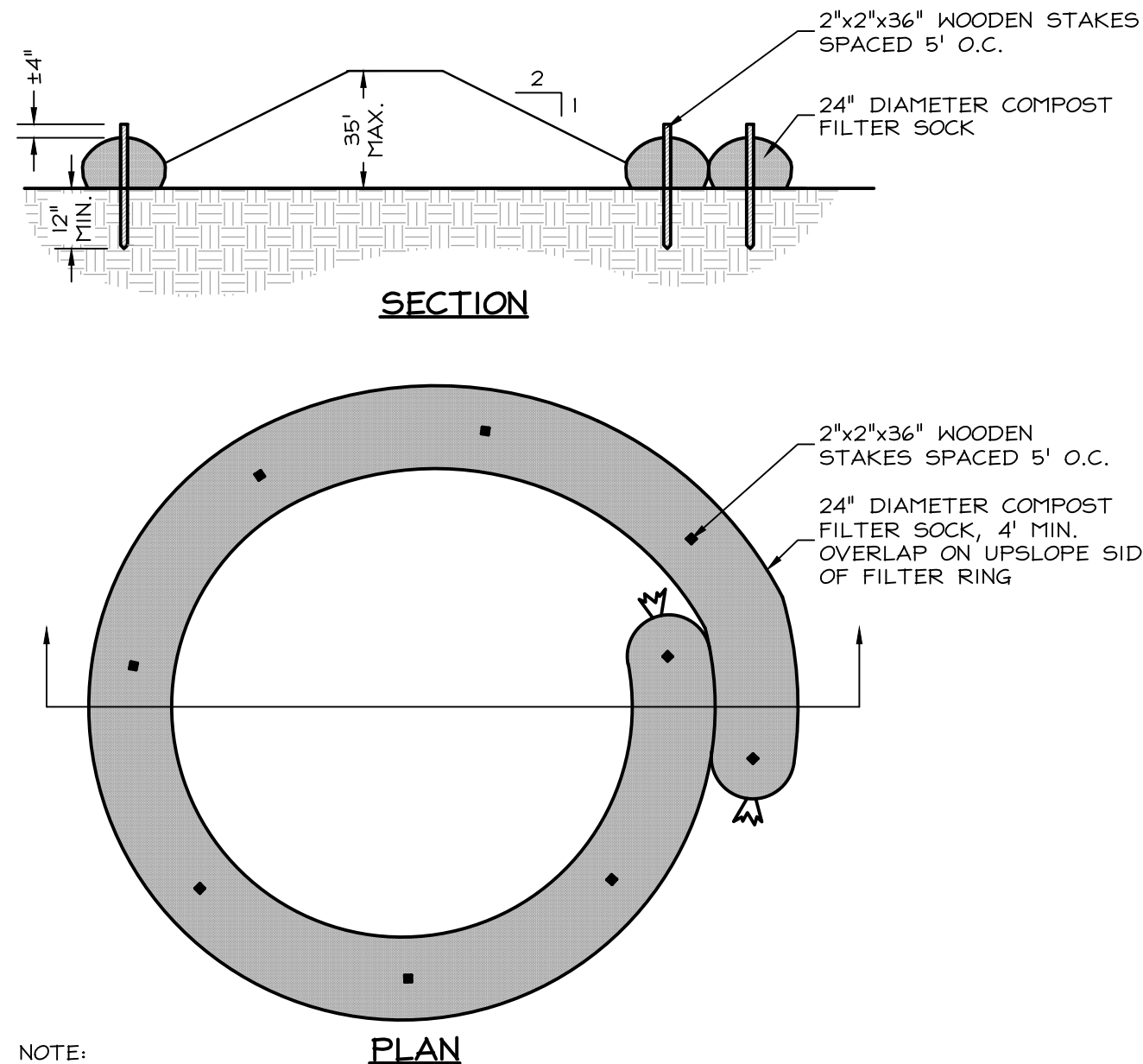
BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.

THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.

STANDARD CONSTRUCTION DETAIL #11-1 EROSION CONTROL BLANKET INSTALLATION

NOT TO SCALE



NOTE:

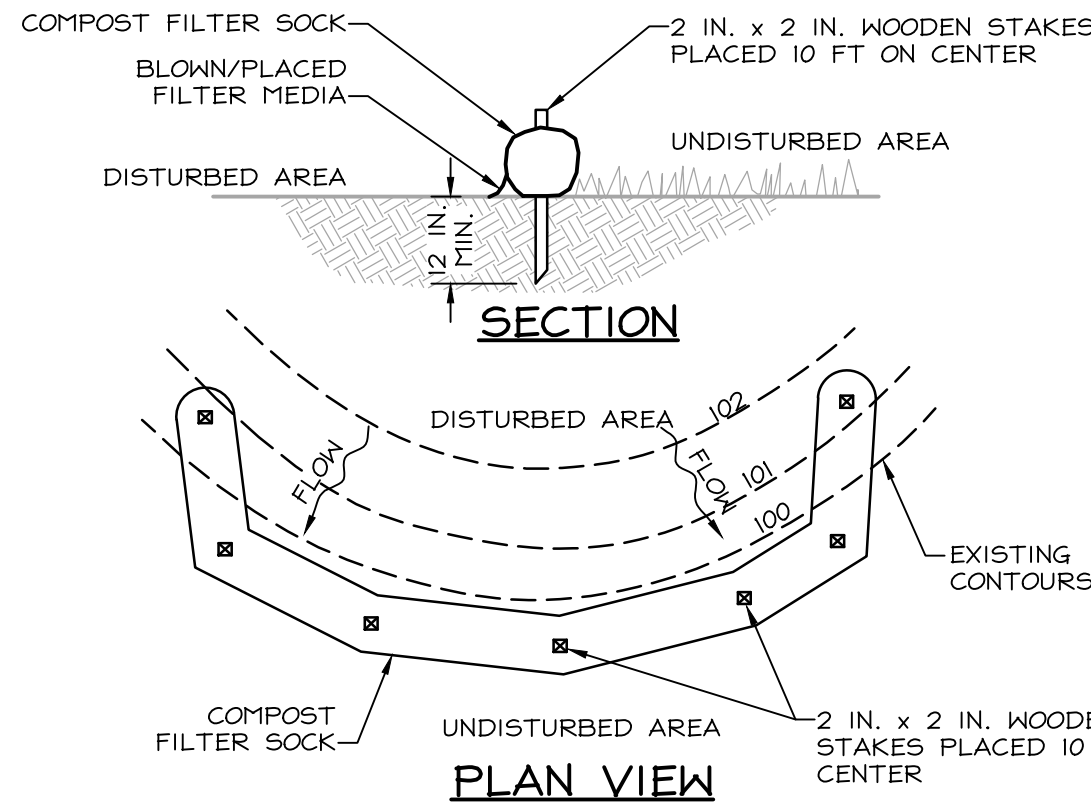
TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN IN THE AMOUNT NECESSARY TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 35 FEET. STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.

TEMPORARY TOPSOIL STOCKPILE INSTALLATION

SCALE: 1/4"=1'-0"

Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Fluoropolymer (MFP)	Heavy Duty Multi-Fluoropolymer (HDMFP)
Material Characteristics	Photo-degradable	Photo-degradable	Biodegradable	Photo-degradable	Photo-degradable
Material Thickness	3 mil	5 mil	5 mil	3 mil	5 mil
Stock Diameter	12"	12"	12"	12"	12"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	3/8"
Tensile Strength	22% at 1000 hrs.	22% at 1000 hrs.	22% at 1000 hrs.	100% at 1000 hrs.	100% at 1000 hrs.
Stability % Original Strength (ASTM D-168)	22% at 1000 hrs.	22% at 1000 hrs.	22% at 1000 hrs.	100% at 1000 hrs.	100% at 1000 hrs.
Minimum Longevity	6 months	9 months	6 months	1 year	2 years

Table 4.2 Compost Standards	
Organic Matter Content	25-100% (by weight basis)
Organic Portion	Fibrous and Elongated
pH	5.5% - 6.5%
Moisture Content	30% - 40%
Particle Size	3% - 60% pass through 20" sieve
Soluble Salt Concentration	90 (lbm) maximum



NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

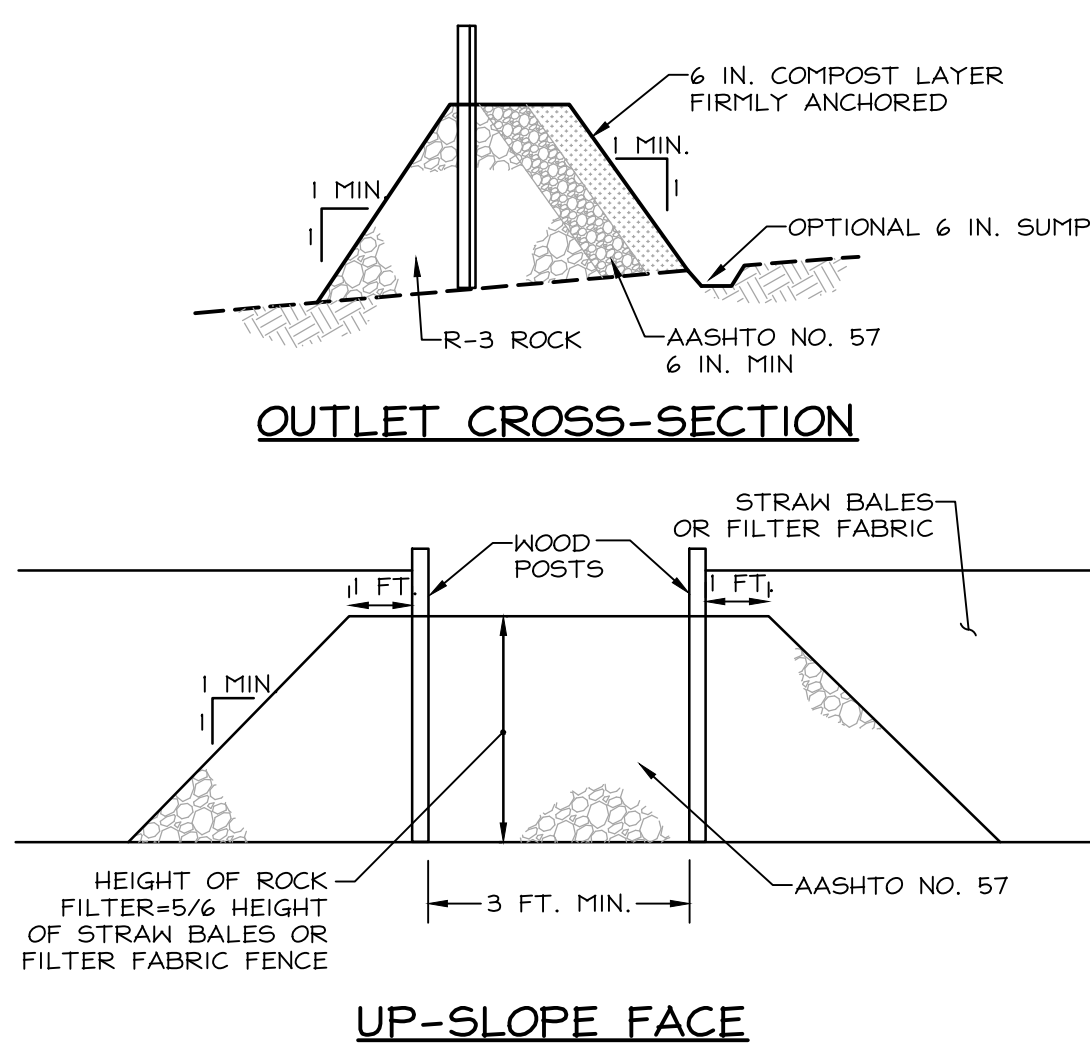
COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

STANDARD CONSTRUCTION DETAIL #4-1 COMPOST FILTER SOCK

NOT TO SCALE



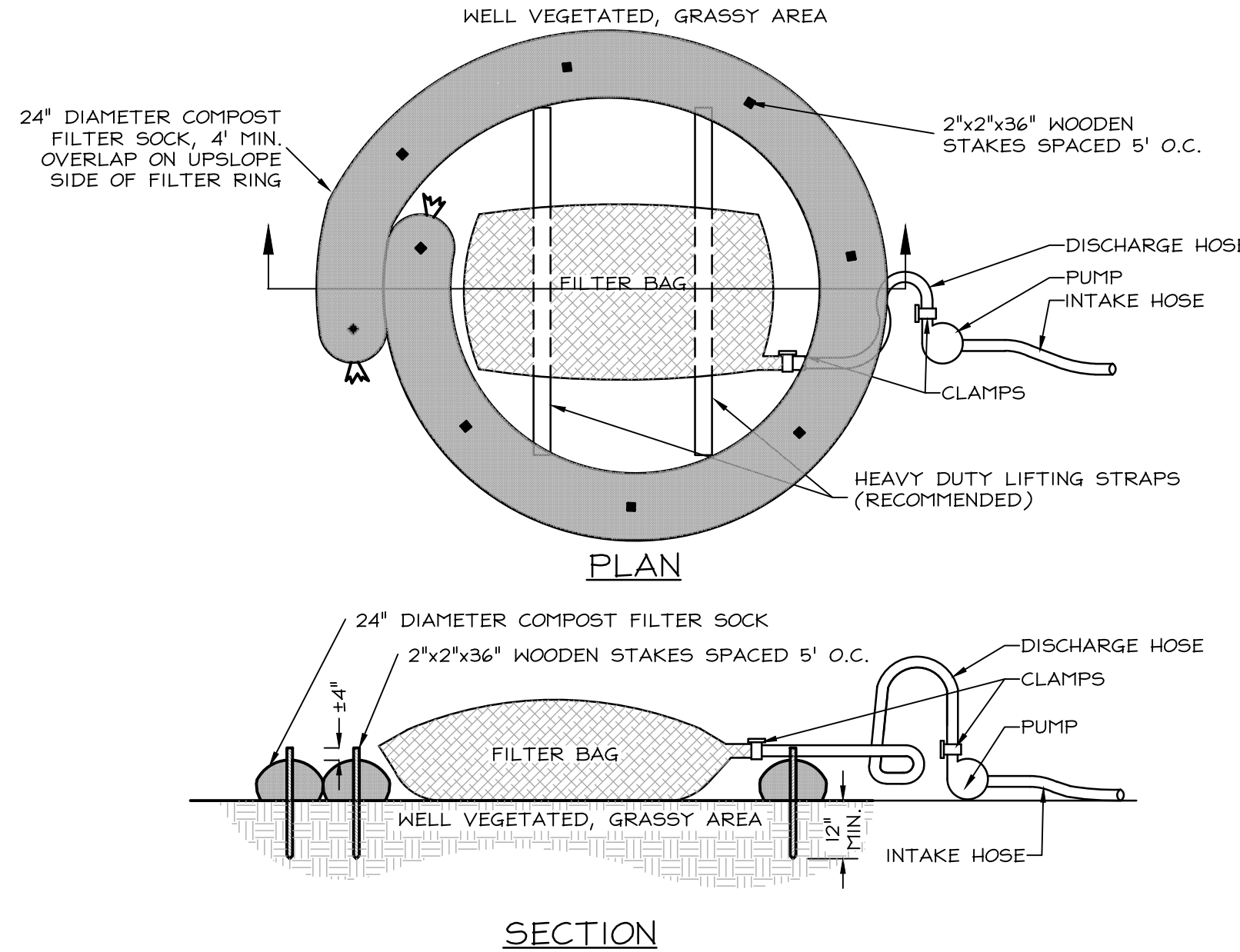
NOTES:

A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A COMPOST FILTER SOCK BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

ABACT ROCK FILTER OUTLET

NOT TO SCALE



NOTES:

LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM NOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDE WIDTH STRENGTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4933	110 LB
HULLER BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
LOS % RETAINED	ASTM D-4751	80 SIEVE

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5% FOR SLOPES EXCEEDING 5%. CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS.

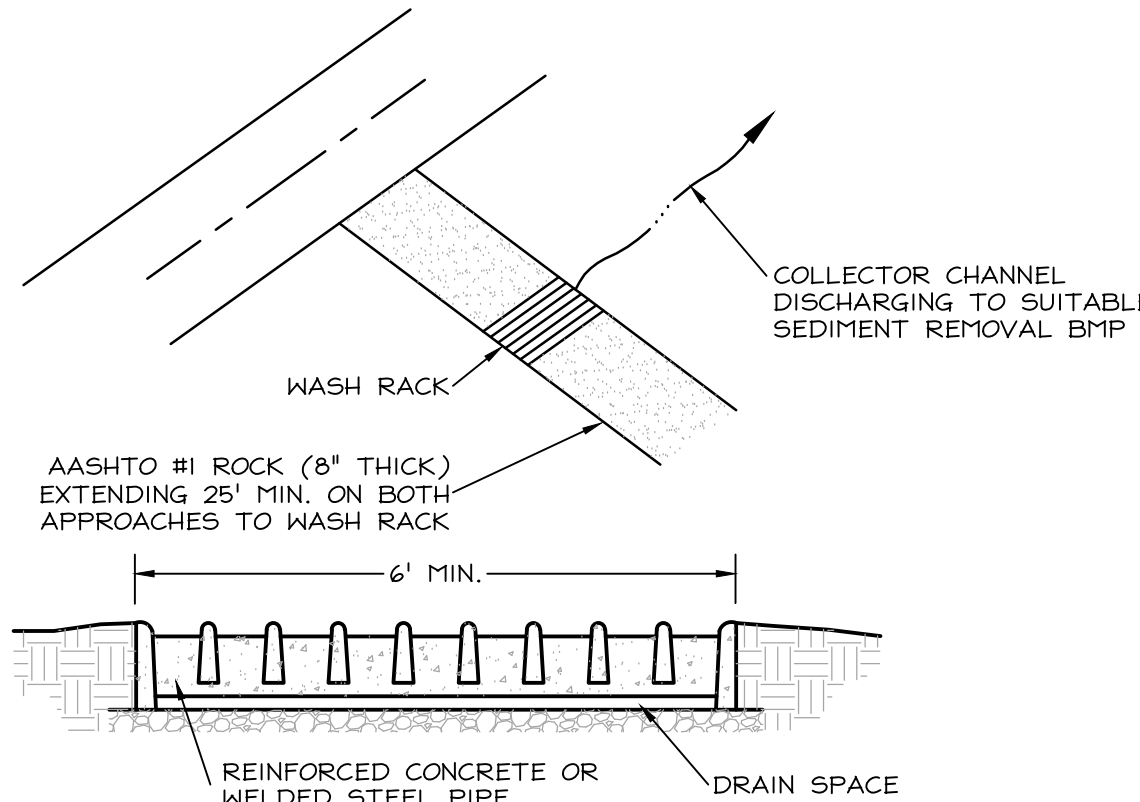
THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

ABACT PUMPED WATER FILTER BAG

NOT TO SCALE



NOTES:

WASH RACK SHALL BE 20 FEET (MIN.) WIDE OR TOTAL WIDTH OF ACCESS.

WASH RACK SHALL BE DESIGNED AND CONSTRUCTED TO ACCOMMODATE ANTICIPATED CONSTRUCTION VEHICULAR TRAFFIC.

A WATER SUPPLY SHALL BE MADE AVAILABLE TO WASH THE WHEELS OF ALL VEHICLES EXITING THE SITE.

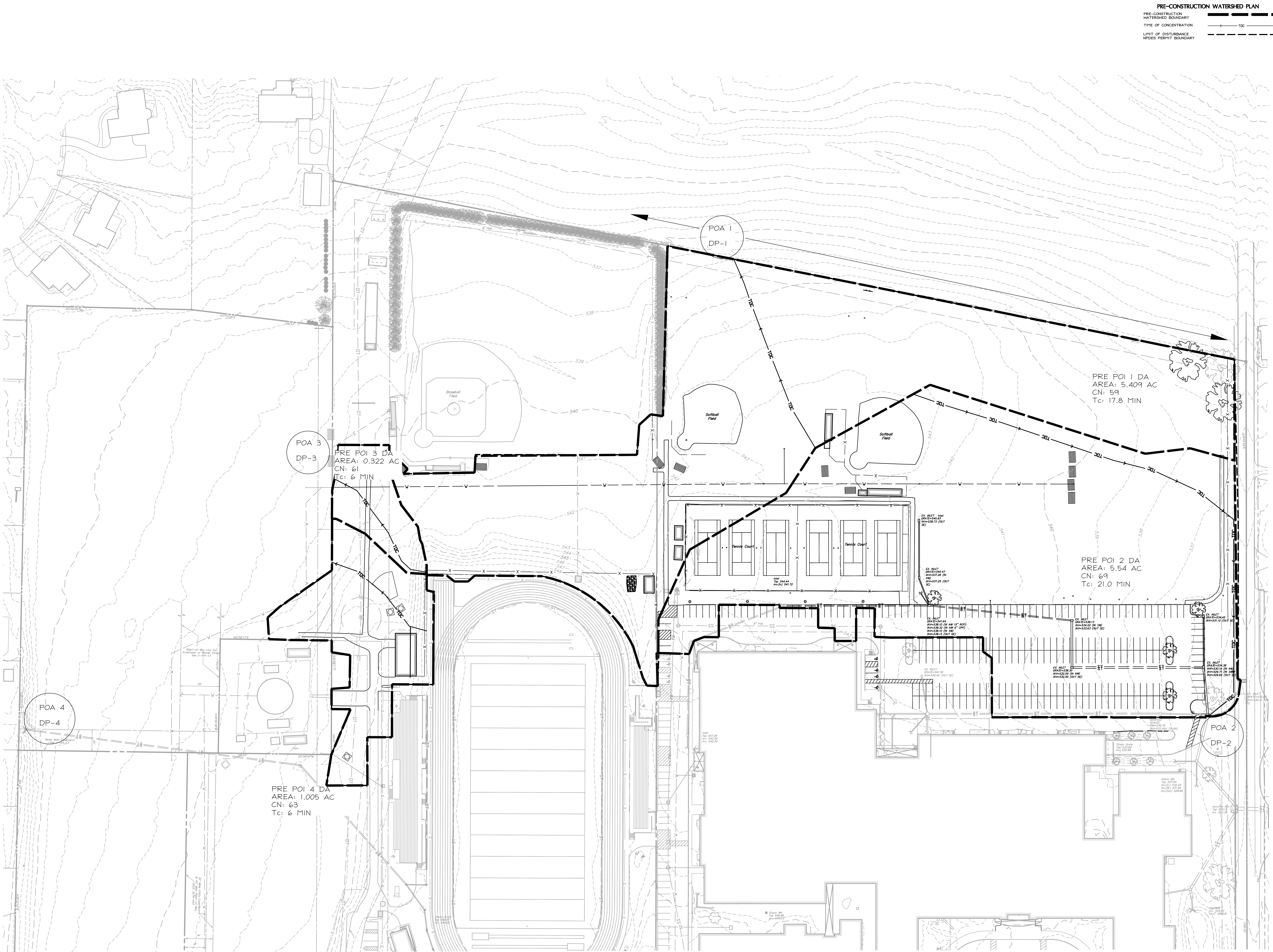
MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. DRAIN SPACE UNDER WASH RACK SHALL BE KEPT OPEN AT ALL TIMES. DAMAGE TO THE WASH RACK SHALL BE REPAIRED PRIOR TO FURTHER USE OF THE RACK. ALL SEDIMENT DEPOSITED ON ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

STANDARD CONSTRUCTION DETAIL #3-2 ABACT ROCK CONSTRUCTION ACCESS WITH WASH RACK

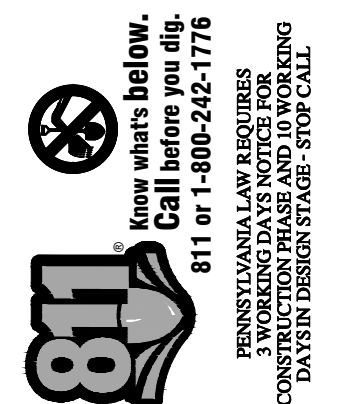
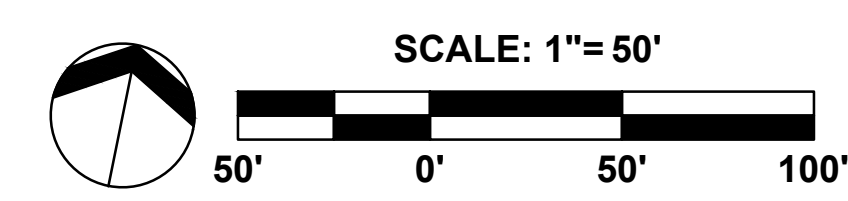
NOT TO SCALE

RELEASES:

No.	DATE	DESCRIPTION
1	08/14/26	BID SET



PRE-CONSTRUCTION WATERSHED PLAN
PRE-CONSTRUCTION WATERSHED BOUNDARY
TIME OF CONCENTRATION
LIMIT OF DISTURBANCE
NPDES PERMIT BOUNDARY



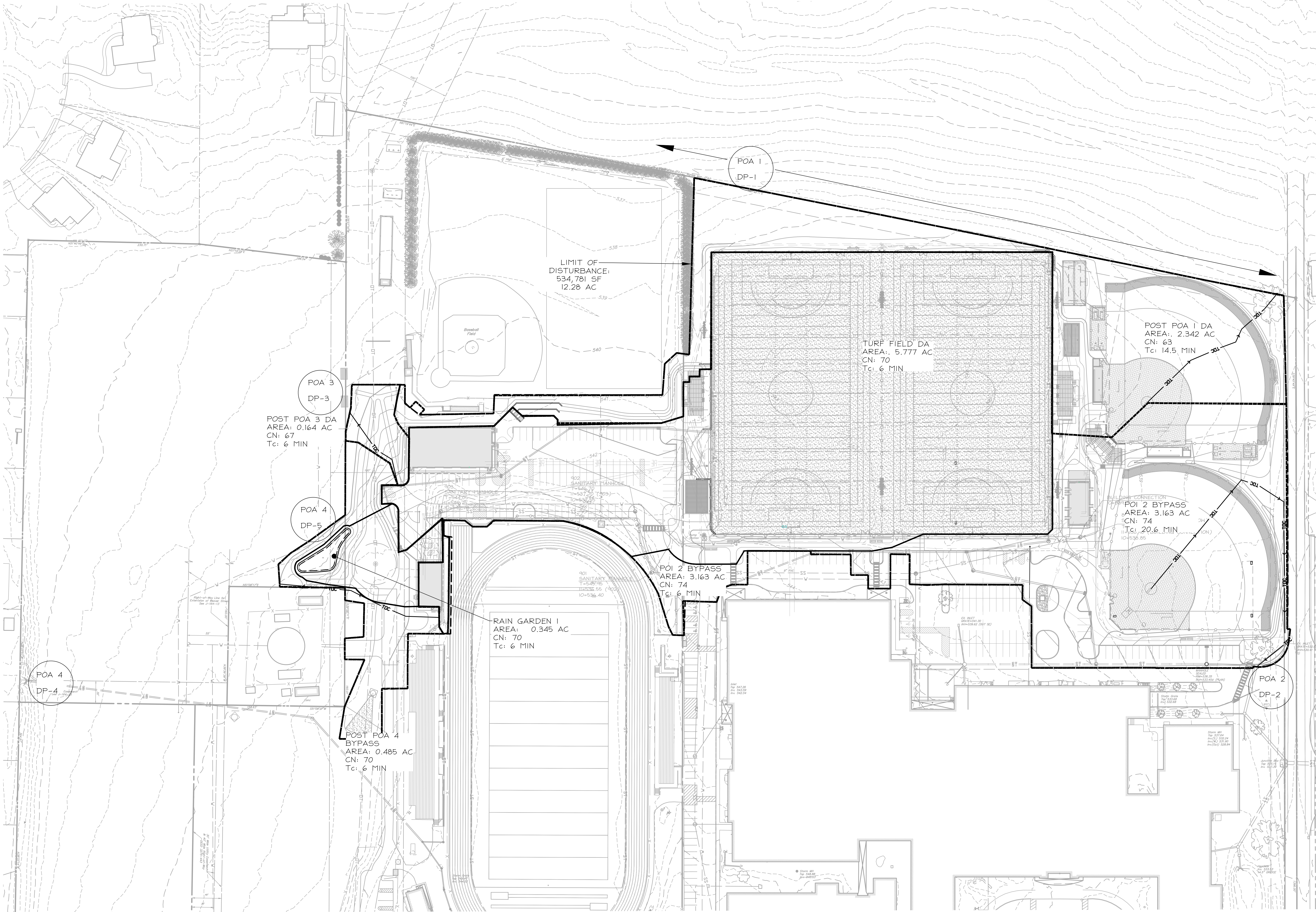
DERCK & DEDSON
EST. 1940
CAMPUSES DOWNTOWN ATHLETICS
33 SOUTH BROAD STREET LITZ PA 17543
301 EAST 10TH STREET LITZ PA 17543
WWW.DERCKANDDEDSO.COM (717) 626-2544

PRE CONDITION WATERSHED PLAN
BID DOCUMENTS
GARDEN SPOT ATHLETICS CAMPUS
GARDEN SPOT MIDDLE/HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA
688 EAST MAIN STREET

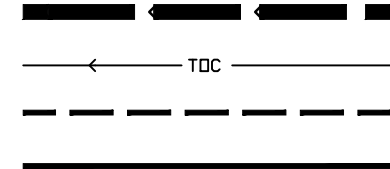
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No.	DATE DESCRIPTION OF CHANGES
1	08/14/26 BID SET

DATE	01/09/2026
PROJECT #	250540
DRAWN BY	JPL/DCC
PM	JFH
PIC	SBS

DRAWING NO. **WS-1**



POST-CONSTRUCTION WATERSHED PLAN
POST-CONSTRUCTION WATERSHED BOUNDARY
TIME OF CONCENTRATION
LIMIT OF DISTURBANCE
NOTES PERMIT BOUNDARY
SCOT DRAINAGE AREA
BOUNDARY



DERCKSON
CAMPBES DOWNTOWN ATHLETICS
33 SOUTH BROAD STREET LUTZ PA 17543
WWW.DERCKSON.COM (717) 625-2544

POST CONDITION WATERSHED PLAN
BID DOCUMENTS
GARDEN SPOT ATHLETICS CAMPUS
GARDEN SPOT MIDDLE/HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

RELEASES:	
No.	DATE DESCRIPTION
1	08/14/26 BID SET

DATE	01/09/2026
PROJECT #	250540
DRAWN BY	JPL/DCC
PM	JFH
PIC	SBS

DRAWING NO. **WS-2**