

- NOTES:**
1. THE FINISH OF THE GRADE IS TO SHOW DRAINAGE, DRAINAGE, AND STORMWATER MANAGEMENT.
 2. SLOPE OF FINISH GRADE ON PAVED SURFACES SHALL BE 0.02 FT/FT MINIMUM, UNLESS NOTED OTHERWISE.
 3. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF PROPOSED LANDSCAPING WITH ALL UNDERGROUND UTILITIES.
 4. FOR GENERAL NOTES, SEE SHEET 021.

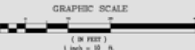
- STORMWATER NOTES:**
1. THE STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT INCLUDES INFILTRATION BASINS, A STORMWATER COLLECTION SYSTEM (DENTS AND PIPES), AND FLOWMETER MEASUREMENT DEVICES.
 2. DURING ANY STAGE OF THE WORK, IF THE CITY OF PHILADELPHIA, DEPT. OF PUBLIC WORKS, DIVISION OF STREETS, DEPT. OF ENVIRONMENTAL SERVICES, OR ANY OTHER CITY DEPARTMENT, OFFICE, OR AGENCY REQUESTS THAT THE CONTRACTOR STOP WORK, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CITY'S ASSETS AND THE SAFETY OF THE PUBLIC.
 3. PRIOR TO FINAL INSPECTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE DRAINING AND BE SUBJECT TO THE CITY OF PHILADELPHIA, DEPT. OF PUBLIC WORKS, DIVISION OF STREETS, DEPT. OF ENVIRONMENTAL SERVICES, OR ANY OTHER CITY DEPARTMENT, OFFICE, OR AGENCY REQUESTING THAT THE CONTRACTOR STOP WORK IMMEDIATELY AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CITY'S ASSETS AND THE SAFETY OF THE PUBLIC.
 4. FOR INFILTRATION BASIN INSULATION NOTES, SEE SHEET 021.
 5. CONNECTION POINT OF 12" DIA. PIPE SHALL BE FIELD VERIFIED BY CONSTRUCTION.
 6. CONNECTION POINT OF EXISTING 8" DIA. PIPE SHALL BE FIELD VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL FIELD VERIFY THE PIPE SHALL BE CUT BACK FOR CONNECTION OF NEW PIPE.
 7. FOR CONTINUATION OF OFF SITE AREAS, SEE SHEET 021.

- POST CONSTRUCTION STORMWATER MANAGEMENT OPERATION AND MAINTENANCE**
- LOCAL TOWN OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM IS THE RESPONSIBILITY OF THE OWNER.
1. STORMWATER COLLECTION SYSTEMS, ALL PIPES AND STORM SEWERS SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH THE CITY OF PHILADELPHIA, DEPT. OF PUBLIC WORKS, DIVISION OF STREETS, DEPT. OF ENVIRONMENTAL SERVICES, OR ANY OTHER CITY DEPARTMENT, OFFICE, OR AGENCY REQUESTING THAT THE CONTRACTOR STOP WORK IMMEDIATELY AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CITY'S ASSETS AND THE SAFETY OF THE PUBLIC.
 2. TRAPS MUST REMAIN IN PLACE ON ALL STORMWATER INLETS TO MINIMIZE SEDIMENT AND OTHER DEBRIS ENTERING THE INFILTRATION FACILITIES.
 3. SEDIMENT COVERS, VEGETATIVE COVERS SHOULD BE MAINTAINED TO PREVENT EROSION AND DEPOSITION OF MATERIAL INTO THE STORMWATER FACILITIES.
 4. INFILTRATION BASIN A, ON A BIENNIAL BASIS, INSPECT THE OULET PIPE AND RECORD THE DATE OF INSPECTION. THE INSPECTION SHOULD EVALUATE THE OPERATIONAL STATUS OF THE FACILITY. THE INSPECTION SHOULD BE COMPLETED WITHIN 30 DAYS OF THE INSPECTION DATE. IF A MAJOR PRESCRIPTION EVENT (1" OR MORE) OCCURS, IMMEDIATE ACTION MAY BE REQUIRED. MAINTENANCE RECORDS SHALL BE MAINTAINED FOR 12 MONTHS AFTER A MAJOR PRESCRIPTION EVENT (1" OR MORE) OCCURS, IMMEDIATE ACTION MAY BE REQUIRED.
 5. INFILTRATION BASIN B, ON A BIENNIAL BASIS, INSPECT THE OULET PIPE AND RECORD THE DATE OF INSPECTION. THE INSPECTION SHOULD EVALUATE THE OPERATIONAL STATUS OF THE FACILITY. THE INSPECTION SHOULD BE COMPLETED WITHIN 30 DAYS OF THE INSPECTION DATE. IF A MAJOR PRESCRIPTION EVENT (1" OR MORE) OCCURS, IMMEDIATE ACTION MAY BE REQUIRED. MAINTENANCE RECORDS SHALL BE MAINTAINED FOR 12 MONTHS AFTER A MAJOR PRESCRIPTION EVENT (1" OR MORE) OCCURS, IMMEDIATE ACTION MAY BE REQUIRED.

CALL BEFORE YOU DIG!
 800-4-A-SHIELD
 1-800-242-0770

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(Symbol)	PROPOSED 12" DIA. PIPE	(Symbol)	SPOT ELEVATION
(Symbol)	CONCRETE PAVEMENT	(Symbol)	KEY ELEVATION
(Symbol)	PROPOSED 18" DIA. PIPE	(Symbol)	CONTOUR
(Symbol)	PROPOSED 24" DIA. PIPE	(Symbol)	STORM SEWER
(Symbol)	PROPOSED 30" DIA. PIPE	(Symbol)	WOODS



SMITH MEMORIAL PLAYGROUND & PLAYHOUSE PHASE 2 GRADING AND POST CONSTRUCTION STORMWATER PLAN
 PHILADELPHIA, PENNSYLVANIA

1" = 15' (VERT.)
 1" = 15' H.

SCALE: DWG. FILE: SHEET: 021

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