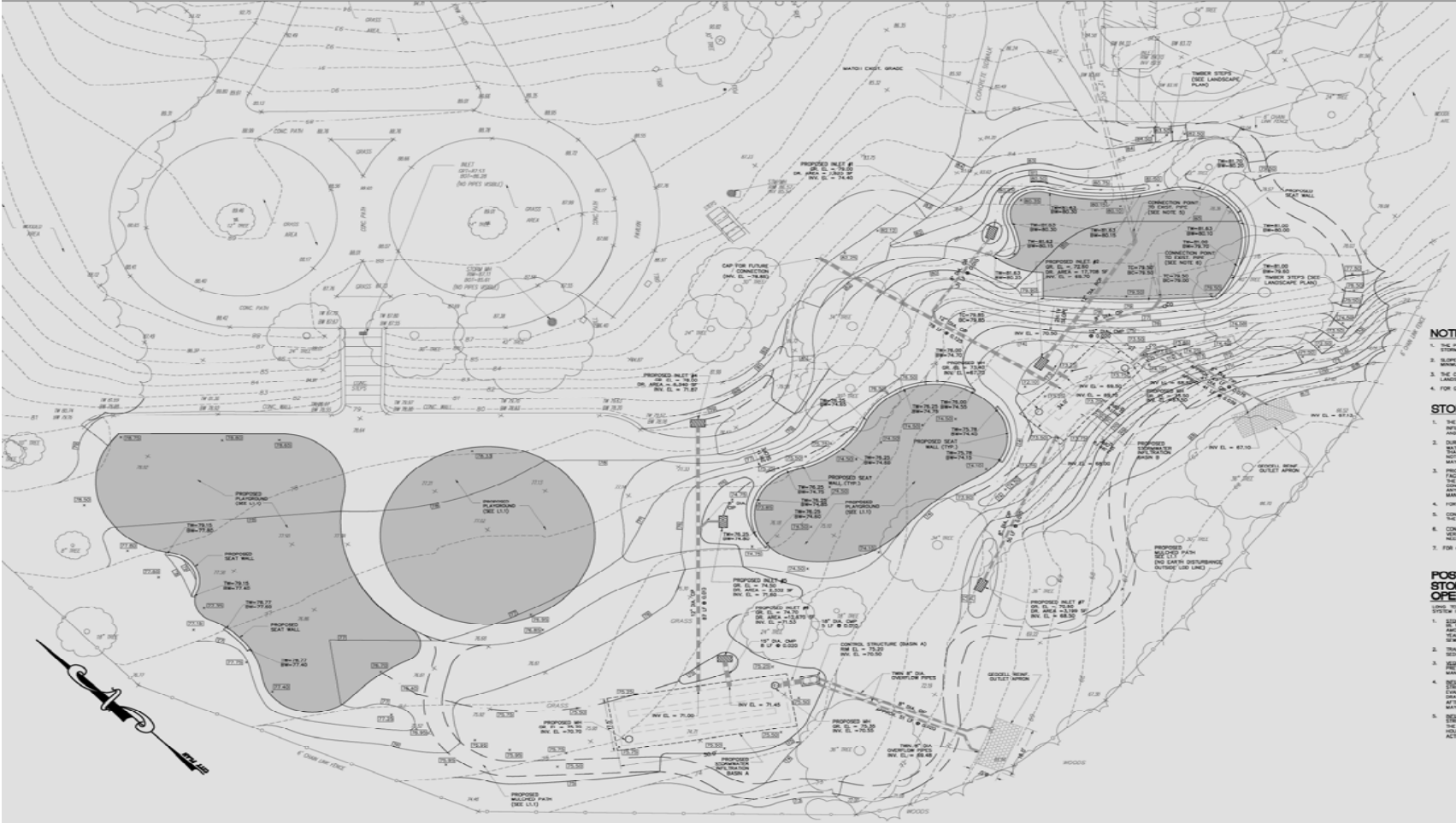

NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW GRADING, DRAINAGE, AND STORMWATER MANAGEMENT.
2. SLOPE OF FINISH GRADE ON PAVED SURFACES SHALL BE 0.02 FT/FT MINIMUM, DOWN TOWARD DRAINING STRUCTURES.
3. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF PROPOSED LANDSCAPING WITH ALL UNDERGROUND UTILITIES.
4. FOR GENERAL NOTES, SEE SHEET G3.1.

STORMWATER NOTES:

1. THE STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT INCLUDES INFILTRATION BASINS, A STORMWATER COLLECTION SYSTEM (INLETS AND PIPING), AND PERMANENT VEGETATIVE COVER.
2. DURING ANY STAGE OF THE WORK, IF THE CITY OF PHILADELPHIA WATER DEPARTMENT OR ITS DESIGNEE (CWE, "CITY") DETERMINES THAT THE PERMANENT STORMWATER MANAGEMENT FACILITIES ARE NOT BEING INSTALLED IN ACCORDANCE WITH THE PERMIT, THE CITY MAY REVOKE ANY PERMITS AND ISSUE A STOP WORK ORDER.
3. PRIOR TO FINAL INSPECTION, ALL STORMWATER MANAGEMENT FACILITIES AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE CITY. THE FINAL INSPECTION WILL BE CONDUCTED BY THE CITY TO CONFIRM PROPER INSTALLATION OF THE STORMWATER MANAGEMENT FACILITIES, WITH ALLOWANCE FOR FUTURE INSPECT MANAGEMENT FACILITIES AS DEEMED APPROPRIATE BY THE CITY.
4. FOR INFILTRATION BASIN INSTALLATION NOTES, SEE SHEET C3.1.
5. CONNECTION POINT OF 12" DIA. PIPE SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
6. CONNECTION POINT OF EXISTING 8" DIA. PVC PIPE SHALL BE FIELD VERIFIED BY THE CONTRACTOR. NOTE THAT THE EXIST. PIPE MAY NEED TO BE CUT BACK FOR CONNECTION OF NEW PIPE.
7. FOR CONTINUATION OF OFF SITE AREAS SEE SHEET C1.3.

POST CONSTRUCTION STORMWATER MANAGEMENT OPERATION AND MAINTENANCE

LONG TERM OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM IS THE RESPONSIBILITY OF THE OWNER.

1. STORMWATER COLLECTION SYSTEM. ALL INLETS AND STORM SEWERS SHALL BE CLEANED OUT AS REQUIRED TO MAINTAIN DRAINAGE AND MINIMIZE AMOUNT OF SEDIMENT ENTERING STORMWATER INFILTRATION SYSTEMS. ON YEAR AFTER CONSTRUCTION, AND EVERY FIFTEEN YEARS THEREAFTER, THE SEWERS SHALL BE TELEVISED AND INSPECTED.
2. TRAPS MUST REMAIN IN PLACE ON ALL STORMWATER INLETS TO MINIMIZE SEDIMENT AND DEBRIS ENTERING THE INFILTRATION FACILITIES.
3. VEGETATIVE COVER. VEGETATIVE COVER SHOULD BE MAINTAINED TO PREVENT EROSION AND DEPOSITION OF MATERIAL INTO THE STORMWATER MANAGEMENT FACILITIES.
4. INFILTRATION BASIN A. ON A BIANNUAL BASIS, INSPECT THE OUTLET STRUCTURE, EXERCISE THE EMERGENCY DRAIN DOWN VALVES, AND EVALUATE THE DRAIN-DOWN TIME OF THE FACILITY. IF THE THE DRAIN-DOWN TIME IS LESS THAN 24 HOURS OR MORE THAN 72" HOURS AFTER A MAJOR PRECIPITATION EVENT (1" OR MORE), CORRECTIVE ACTION MAY BE REQUIRED. MAINTENANCE VALVES SHALL BE NORMALLY CLOSED.
5. INFILTRATION BASIN B. ON A BIANNUAL BASIS, INSPECT THE OUTLET STRUCTURES, AND EVALUATE THE DRAIN-DOWN TIME OF THE FACILITY. IF THE THE DRAIN-DOWN TIME IS LESS THAN 24 HOURS OR MORE THAN 72" HOURS AFTER A MAJOR PRECIPITATION EVENT (1" OR MORE), CORRECTIVE ACTION MAY BE REQUIRED.

LEGEND

PROPERTY LINE	
CHAIN LINK FENCE	
GRASS	LANDSCAPE AREA
CONC.	PAVEMENT
INLET	
CURB	
+80.00	SPOT ELEVATION
50	INDEX CONTOURS
49	CONTOURS
TREE	
TREELINE/BUSH LINE	
STORM SEWER	
PLAYGROUND SURFACE SEE LANDSCAPE PLANS	

DEMOLITION, TRENCHING, AND DIGGING

ALL DEMOLITION, TRENCHING, AND DIGGING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF ALL UNITED STATES DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) PUBLICATIONS OF THE UNITED NATIONS.

CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES 1-800-242-1776 NOTIFICATION PRIOR TO CONSTRUCTION (FIVE (5) TO TEN (10) WORKING DAYS IN DEPENDING STATE) - STOP CALL.

Pennsylvania One Call System, Inc.

1-800-242-1776

GRAPHIC SCALE

(IN FEET)

1 inch = 10 ft.

NO.	DESCRIPTION	DATE	DWN
2	ISSUED FOR PERMIT AND PRICING - NOT FOR CONSTRUCTION	4/15/04	SHD
1	SUPPLEMENTAL SURVEY	3/29/04	SHD
0	PRELIMINARY	3/26/04	SHD

SMITH MEMORIAL PLAYGROUND & PLAYHOUSE

PHASE 2

GRADING AND POST CONSTRUCTION STORMWATER PLAN

PHILADELPHIA, PENNSYLVANIA

MUNT ENGINEERING COMPANY

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22 EAST KING STREET,
MALVERN, PA 19355
PHONE: 610-644-4600
FAX: 610-644-2466
WWW.MUNTENGINEERING.COM

SCALE:	DWG FILE:	JOB NO:	SHEET: