

ALL LOCATIONS OF EXISTING UTILITIES SHOWN IN THIS PLAN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE UTILITY COMPANIES.

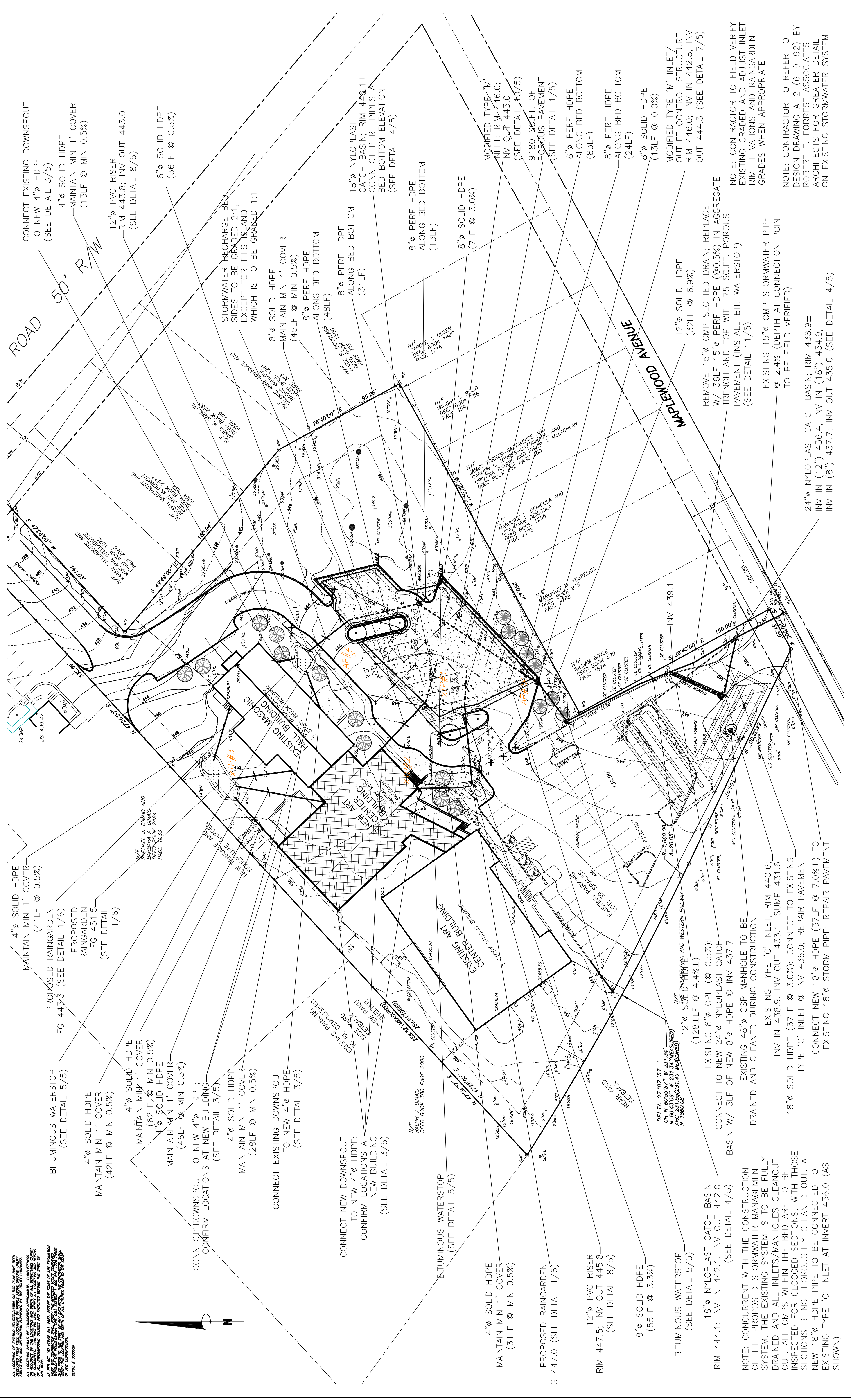
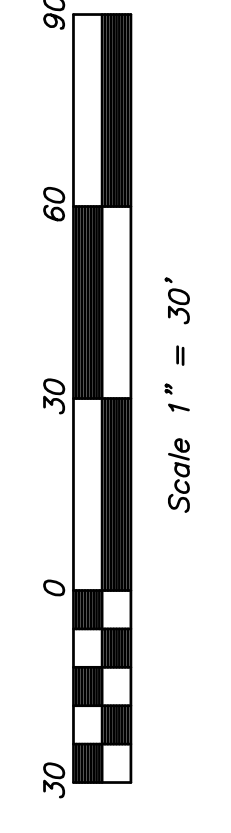


LEGEND

---	PROPERTY LINE
○	IRON PIPE FOUND
○	PIPE
○	SPS
○	PIPE SET
○	POLE SET
○	POLE LINE
○	POLE
○	POWER POLE

TREE IDENTIFICATION

AC	AMERICAN
AL	ALBANY
AN	ANDALUSIA
AR	ARIZONA
AS	ARIZONA
AT	ATLANTA
AV	AUSTIN
BA	BALTIMORE
BB	BALTIMORE
BC	BALTIMORE
BD	BALTIMORE
BE	BALTIMORE
BF	BALTIMORE
BG	BALTIMORE
BH	BALTIMORE
BI	BALTIMORE
BJ	BALTIMORE
BK	BALTIMORE
BL	BALTIMORE



NOTE: CONCURRENT WITH THE CONSTRUCTION OF THE PROPOSED STORMWATER MANAGEMENT SYSTEM, THE EXISTING SYSTEM IS TO BE FULLY DRAINED AND ALL INLETS/MANHOLES CLEANOUT OUT. ALL CMPS WITHIN THE BED ARE TO BE INSPECTED FOR CLOGGED SECTIONS, WITH THOSE SECTIONS BEING THOROUGHLY CLEANED OUT. A NEW 18" HDPE PIPE TO BE CONNECTED TO EXISTING TYPE 'C' INLET AT INVERT 436.0 (AS SHOWN).

CONNECT TO NEW 24" NYLOPLAST CATCH BASIN W/ 3/4" OF NEW 8" HDPE @ INV 437.7

EXISTING 48" CSP MANHOLE TO BE DRAINED AND CLEANED DURING CONSTRUCTION

EXISTING TYPE 'C' INLET; RIM 440.6; INV IN 438.9, INV OUT 433.1, SUMP 431.6

18" SOLID HDPE (37LF @ 3.0%); CONNECT TO EXISTING TYPE 'C' INLET @ INV 436.0; REPAIR PAVEMENT

CONNECT NEW 18" HDPE (37LF @ 7.0%) TO EXISTING 18" STORM PIPE; REPAIR PAVEMENT

REMOVE 15" CMP SLOTTED DRAIN; REPLACE W/ 36LF 15" PERFORATED HDPE (0.5%) IN AGGREGATE TRENCH AND TOP WITH 75 SQ.FT. POROUS PAVEMENT (INSTALL BIT. WATERSTOP) (SEE DETAIL 11/5)

EXISTING 15" CMP STORMWATER PIPE @ 2.4% (DEPTH AT CONNECTION POINT TO BE FIELD VERIFIED)

24" NYLOPLAST CATCH BASIN; RIM 438.9 ± INV IN (12") 436.4, INV IN (18") 434.9, INV IN (8") 437.7; INV OUT 435.0 (SEE DETAIL 4/5)

NOTE: CONTRACTOR TO FIELD VERIFY EXISTING GRADED AND ADJUST INLET RIM ELEVATIONS AND RAINGARDEN GRADES WHEN APPROPRIATE

NOTE: CONTRACTOR TO REFER TO DESIGN DRAWING A-2 (6-9-92) BY ROBERT E. FORREST ASSOCIATES ARCHITECTS FOR GREATER DETAIL ON EXISTING STORMWATER SYSTEM

STORMWATER MANAGEMENT PLAN
PROPOSED BUILDING ADDITION FOR THE WAYNE ART CENTER
 413 MAPLEWOOD AVE.
 RADNOR TOWNSHIP • DELAWARE COUNTY • PENNSYLVANIA

REVISIONS
 DATE: FEBRUARY 10, 2003
SHEET 4
 OF 11
 SCALE: 1" = 30'
 FILE NO: 99162

MOMENEY AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 924 COUNTY LINE ROAD BRYN MAWR, PA 19010 (610) 527-3030