



LEGEND

- PROPOSED STANDARD PAVEMENT
- PROPOSED PAVEMENT OVERLAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE PAVEMENT
- PROPOSED LANDSCAPE AREAS
- DETECTABLE WARNING TILE

GRAPHIC SCALE
 (IN FEET)
 1 inch = 30 ft.

- GEOMETRIC AND PAVING NOTES**
- ALL PAVEMENT DIMENSIONS ARE TO EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. E=EDGE OF PAVEMENT, B=BACK OF CURB, F=FACE OF CURB. RADI DIMENSIONS ARE TO BACK OF CURB.
 - IN PROPOSED SIDEWALK AREAS, EXCAVATE TO SUB-BASE, COMPACT SOIL TO 95% MODIFIED PROCTOR DENSITY (ASTM D-1557) AND INSTALL PAVEMENT SECTION AS NOTED ON THE PLANS. PRIOR TO APPROVAL OF THE SUB-BASE, ALL PAVEMENT AREAS WILL BE PROOF ROLLED. ANY AREAS FOUND TO DEFLECT SHALL BE SCARIFIED AND RECOMPACTED AS DIRECTED BY THE ENGINEER, UNTIL THIS STANDARD IS ACHIEVED.
 - INSTALL ALL CURB AND SIDEWALK AS SHOWN. NOTE SOME CURBS REQUIRE REVERSE PITCH GUTTER. NEW SIDEWALK SHALL SLOPE AT 2% TOWARDS CURB. DOWEL NEW SIDEWALK TO EXISTING SIDEWALK OR CURB WITH #4 BARS AT 24" O.C. NO EXPANSION FELT REQUIRED ADJACENT TO CURB UNLESS NOTED ON THE PLANS. MATCH SIDEWALK JOINTS WITH CURB JOINTS. ALL SIDEWALK, CURB, PCC PAVEMENT ADJACENT TO FOUNDATIONS SHALL BE DOWELED AT 12" O.C. AND REQUIRES EXPANSION FELT.
 - RECYCLED ASPHALT OR CRUSHED CONCRETE AS A DIRECT SUBSTITUTE FOR THE DESIGNED AGGREGATE BASE COURSE WILL NOT BE ALLOWED WITHOUT APPROVAL OF THE PROJECT ENGINEER.
 - ALL PCC PAVEMENT, SIDEWALK AND B6.12 CURB CONTRACTION JOINTS SHALL BE SAWCUT A MINIMUM OF 2" DEEP WITHIN 24 HOURS OF POUR.
 - ALL PARKING LOT STALL MARKINGS SHALL BE 4" YELLOW PAINT AND ALL PAVEMENT MARKING ON DROP OFF LOCATION AND CROSS WALKS SHALL BE PAINT, COLOR AS NOTED, IN ACCORDANCE WITH SECTION 780 OF THE IDOT STANDARD SPECIFICATIONS. (TWO SINGLE APPLICATIONS REQUIRED). SITE PAVEMENT MARKING SHALL BE COORDINATED WITH SITE ENGINEER. CONTRACTOR SHALL NOTIFY SITE ENGINEER 48 HRS PRIOR TO INSTALLING PAVEMENT MARKING.

SITE DATA:

SITE AREA: 14.68 ACRES

BUILDING AREA:

EXISTING GROSS AREA	47,060 SF
PROPOSED CLASSROOM ADDITION GROSS AREA	4,545 SF
PROPOSED GYMNASIUM GROSS AREA	12,250 SF
TOTAL BUILDING	63,855 SF

PARKING COUNT:

EXISTING: REGULAR SPACES	48
HC ACCESSIBLE SPACES	2
TOTAL	50
PROPOSED: REGULAR SPACES	10
HC ACCESSIBLE SPACES	1
TOTAL	11
LAND BANKED PARKING	6
TOTAL PARKING COUNT:	67

FLOOR AREA/SITE RATIO: 10.0%

GREEN AREA/SITE RATIO 75.5%

PROPOSED PARKING LOT - INTERIOR AREA:

PAVEMENT AREA:	8,050 SF
LANDSCAPE AREA:	902 SF
TOTAL AREA	8,952 SF
(LANDSCAPE AREA/TOTAL AREA = 10.1%)	

ZONING
 CURRENT: IB
 PROPOSED: IB

SETBACKS
 FRONT: 50' LANDSCAPE
 SIDE: 50' LANDSCAPE
 REAR: 50' LANDSCAPE

ALTERNATES:

ALTERNATE #3 - GRIND, MILL AND RE-STRIPE BALANCE OF EXISTING TO REMAIN NORTHEAST PARKING LOT.

ALTERNATE #4 - GRIND, MILL AND RE-STRIPE BALANCE OF EXISTING PLAYLOT.

GHA GEWALT HAMILTON ASSOCIATES, INC.
 625 Forest Edge Drive ■ Vernon Hills, IL 60061
 TEL 847.478.9700 ■ FAX 847.478.9701

COPYRIGHT NOTICE
 This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

GEOMETRIC PLAN
COPELAND MANOR SCHOOL
LIBERTYVILLE ELEMENTARY DISTRICT #70
LIBERTYVILLE, ILLINOIS

NO.	BY	DATE	REVISION

FILE: 5062.100 #R2.dwg	SHEET NUMBER:
DRAWN BY: ALC	GHA PROJECT #
DATE: 2/5/16	5062.100
CHECKED BY: DED	SCALE
DATE: 2/5/16	1" = 30'
	OF 9 SHEETS