

**NOTES:**  
 1. THIS PLAN IS A PRELIMINARY DESIGN. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD.  
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.  
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.

**Legend**

Utility: Water, Sewer, Gas, Electric, Telephone, Cable, Fiber Optic, Storm Drain, Sanitary Sewer, Fire Hydrant, Light Pole, Sign Post, etc.

Lighting: Street Light, Sign Light, etc.

Signage: Sign, etc.

**GEOMETRICS, STREET LIGHT & SIGNAGE PLAN**

DATE BY DESCRIPTION  
 10/26/06 D.E.O. REVISED PER IN HOUSE REVIEW  
 10/27/06 AKZ REVISED PER VILLAGE REVIEW COMMENTS (APPLIED TECHNOLOGIES AND LAKE COUNTY DEPT. PRSD)  
 12/25/06 AKZ REVISED PER IN HOUSE REVIEW  
 1/1/07 AKZ REVISED B.S. 12 CURB AND GUTTER TO M 3 12  
 2/1/07 AKZ REVISED PER CEDAR LAKE COUNTY DEPT. OF PUBLIC WORKS COMMENTS DATED 1/24/07  
 7/1/06 NGA REVISED PHASE LINE BETWEEN UNIT 1 & UNIT 3

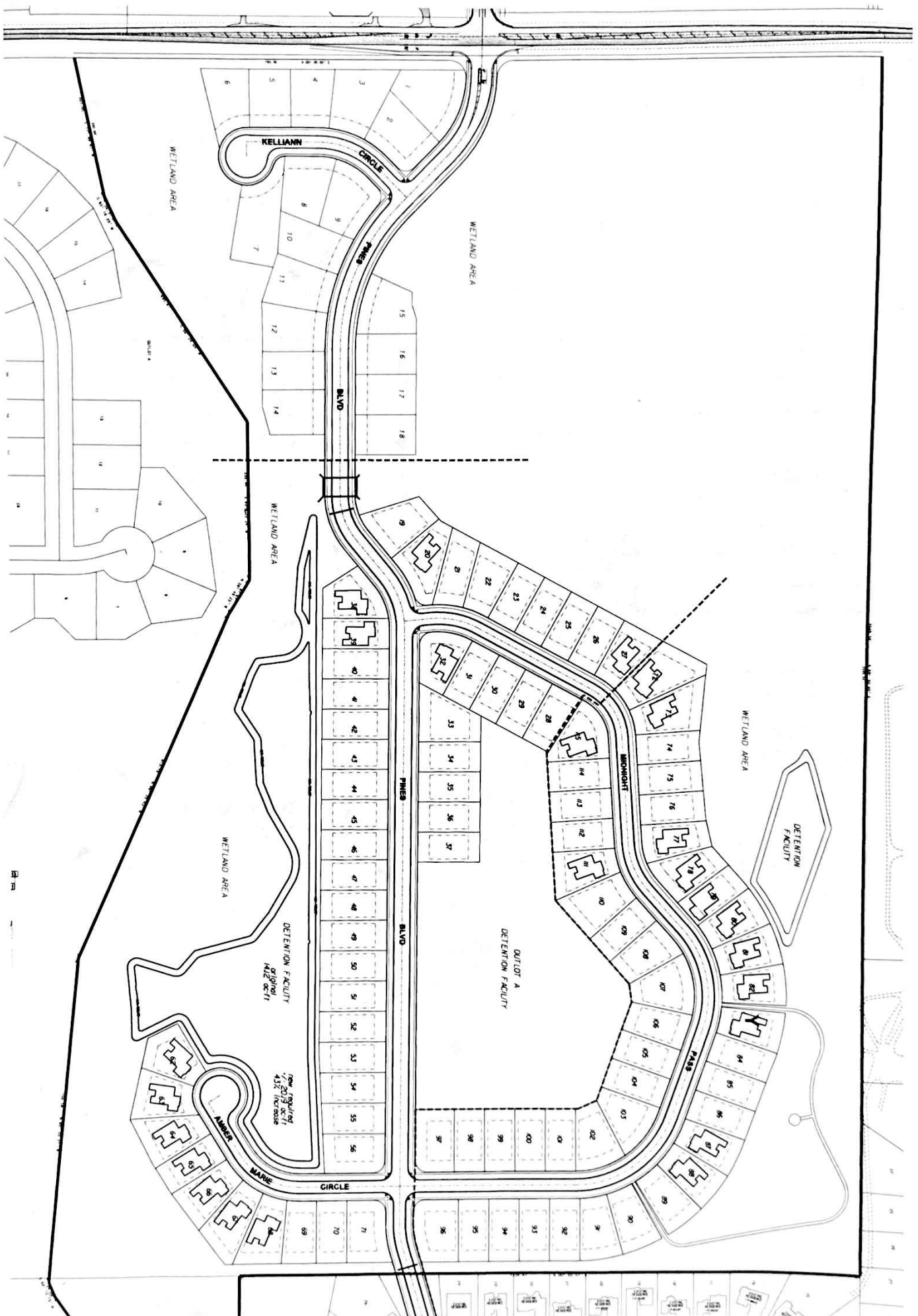
DATE	BY	DESCRIPTION
10/26/06	D.E.O.	REVISED PER IN HOUSE REVIEW
10/27/06	AKZ	REVISED PER VILLAGE REVIEW COMMENTS (APPLIED TECHNOLOGIES AND LAKE COUNTY DEPT. PRSD)
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2/1/07	AKZ	REVISED PER CEDAR LAKE COUNTY DEPT. OF PUBLIC WORKS COMMENTS DATED 1/24/07
7/1/06	NGA	REVISED PHASE LINE BETWEEN UNIT 1 & UNIT 3

**THE PINES**

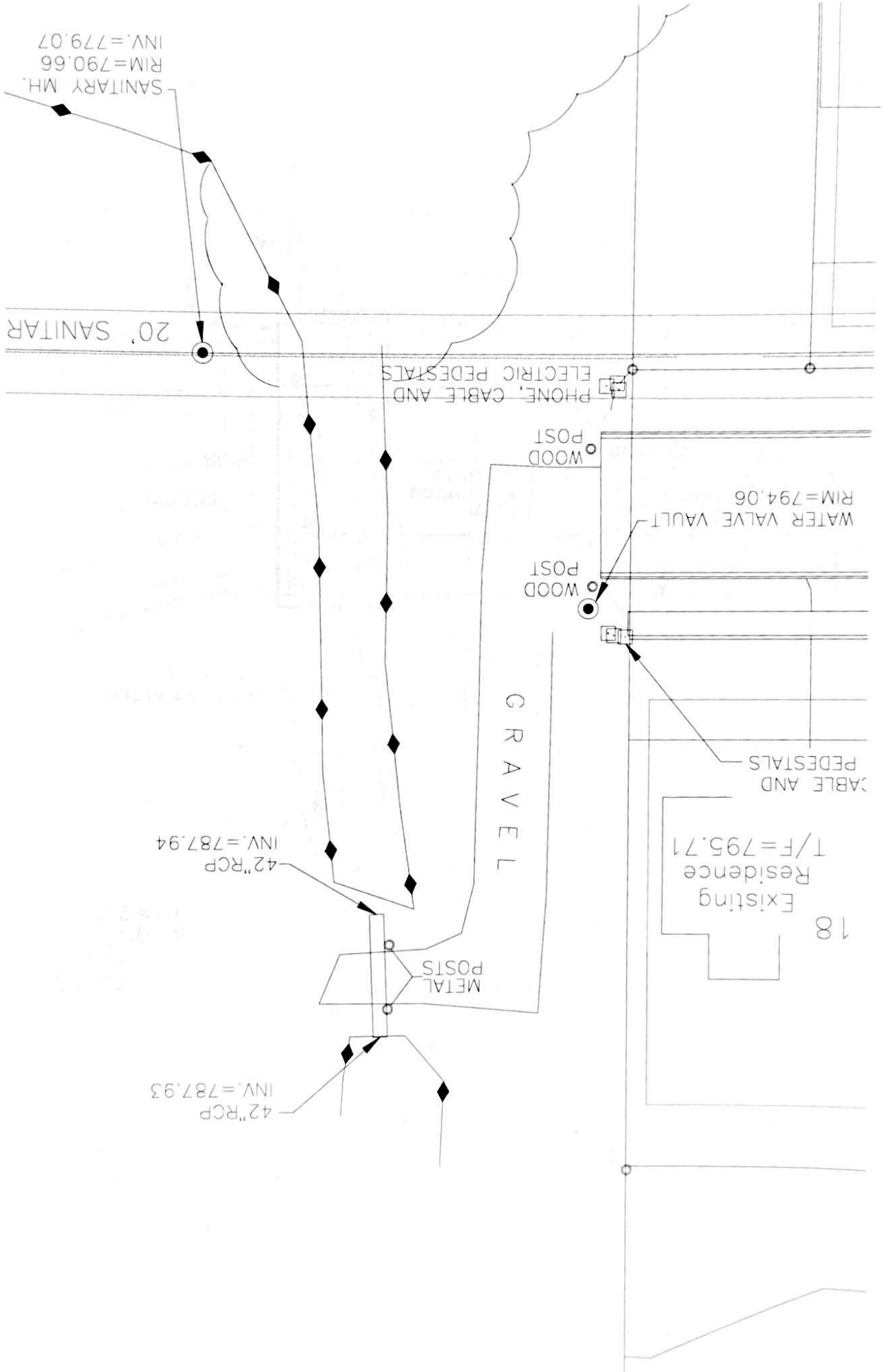
DESIGNED BY: G.A.Z.  
 DRAWN BY: R.D.P.  
 CHECKED BY: D.E.O.  
 ORIGINAL ISSUE: 2/1/06  
 FIELD BOOK No.

**PEARSON, BROWN & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 186 W. WACHSTER ROAD, SUITE 204  
 LIBERTYVILLE, IL 62448  
 TEL: (618) 387-8470  
 FAX: (618) 387-2847  
 E-MAIL ADDRESS: [pearson@pearsonbrown.com](mailto:pearson@pearsonbrown.com)

LAKE VILLA, ILLINOIS  
 NORTH  
 SCALE: 1" = 100'



10



SANITARY MH.  
RIM = 790.66  
INV. = 779.07

20' SANITAR

PHONE, CABLE AND  
ELECTRIC PEDESTALS

WOOD  
POST

RIM = 794.06

WATER VALVE VAULT

WOOD  
POST

CABLE AND  
PEDESTALS

T/F = 795.71

Existing  
Residence

18

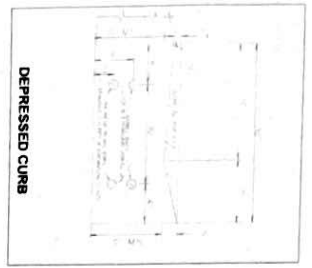
GRAVEL

METAL  
POSTS

42" RCP  
INV. = 787.94

42" RCP  
INV. = 787.93

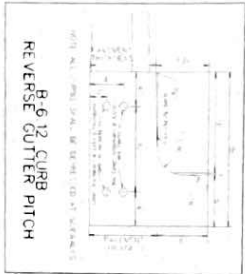




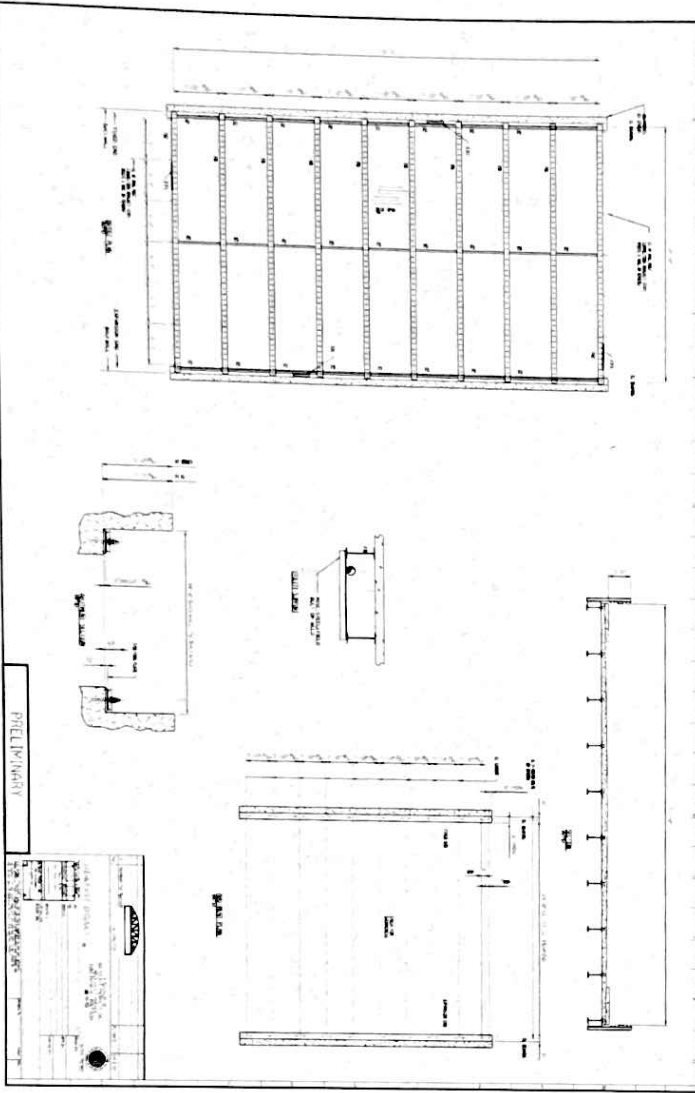
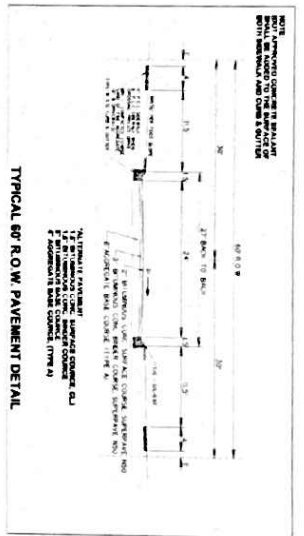
DEPRESSED CURB



M-3 1/2 CURB & GUTTER



B-6 1/2 CURB REVERSE GUTTER PITCH



DATE	1/15/06
BY	GAZ
CHECKED	D.E.O.
DESIGNED	GAZ
DRAWN	R.E.P.
PROJECT NO.	100-100-0000
SHEET NO.	1A
TOTAL SHEETS	22

DATE	1/15/06
BY	GAZ
CHECKED	D.E.O.
DESIGNED	GAZ
DRAWN	R.E.P.
PROJECT NO.	100-100-0000
SHEET NO.	1A
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DESIGNED	GAZ
DRAWN	R.E.P.
PROJECT NO.	100-100-0000
SHEET NO.	1A
TOTAL SHEETS	22

DETAILS

SHEET NUMBER  
**22**  
OF 22 SHEETS

DATE	BY	DESCRIPTION
10/06/05	D.E.O.	REVISED PER IN HOUSE REVIEW
10/07/05	GAZ	REVISED PER VILLAGE REVIEW COMMENTS (APPLIED TECHNOLOGIES AND LAKE COUNTY DEPT. PRAD.)
12/15/05	GAZ	REVISED PER IN HOUSE REVIEW
1/15/06	GAZ	REVISED B 6 1/2 CURB AND GUTTER TO M 3 1/2
3/14/06	GAZ	REVISED PER LAKE COUNTY DEPT. OF ROAD RES. OR COMMENTS DATED 3/14/06

THE PINES

DESIGNED BY: G.A.Z.  
 DRAWN BY: R.E.P.  
 CHECKED BY: D.E.O.  
 ORIGINAL ISSUE: 3/15/06  
 FIELD BOOK No.

PEARSON, BROWN & ASSOCIATES, INC.  
 CONSULTING ENGINEERS  
 186 W. WINCHESTER ROAD, SUITE 206  
 LIBERTYVILLE, IL 62546  
 TEL: (618) 791-4100  
 FAX: (618) 791-2867  
 E-MAIL ADDRESS: [info@pbrown.com](mailto:info@pbrown.com)

LAKE VILLA, ILLINOIS