

RESOLUTION
R 83-12

**RESOLUTION AUTHORIZING THE SIGNATURE OF PRESIDENT AND CLERK ON
AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF
LOMBARD AND THE LOMBARD PARK DISTRICT**

WHEREAS, it is the best interest of the Village of Lombard, DuPage County, Illinois to enter into an Intergovernmental Agreement (hereinafter the "Agreement") with the Lombard Park District regarding Modifications to Terrace View Pond; and,

WHEREAS, the Agreement has been drafted and a copy is attached hereto and incorporated herein as Exhibit "A".

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, AS FOLLOWS:

SECTION 1: That the Agreement attached hereto as Exhibit "A" is hereby approved.

SECTION 2: That the Village President be and hereby is authorized and directed to sign, on behalf of the Village of Lombard, the Agreement attached hereto as Exhibit "A".

SECTION 3: That the Village Clerk be and hereby is authorized and directed to sign, on the behalf of the Village of Lombard, the Agreement attached hereto as Exhibit "A" and made part hereof.

Adopted this 3rd day of May, 2012.

Ayes: Trustees Gron, Giagnorio, Wilson, Breen, Fitzpatrick and Ware

Nayes: NONE

Absent: NONE

Approved this 3rd day of May, 2012.



William J. Mueher, Village President

ATTEST:



Brigitte O'Brien, Village Clerk

Exhibit "B"

LEGAL DESCRIPTION OF THE WEST CRYSTAL PARCEL

**115 W. Crystal Street
Lombard, Illinois 60148**

LOT 12 IN SALVATORI'S SUBDIVISION OF LOT "A" IN ELMORE'S NORTH VIEW, A SUBDIVISION IN THE NORTH HALF OF SECTION 6, TOWNSHIP 39 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID SALVATORI'S SUBDIVISION RECORDED MARCH 26, 1958 AS DOCUMENT 874722, IN DUPAGE COUNTY, ILLINOIS.

VILLAGE OF LOMBARD DUPAGE COUNTY CONTRACT NO.

**PERMIT PLANS
FEB. 20, 2012**

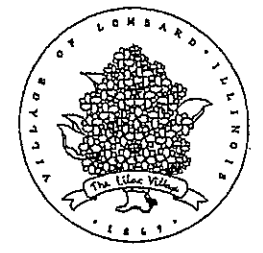
INDEX OF SHEETS

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THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.

CALL JULIE @ 8-1-1 OR 1-800-892-0123
 WITH THE FOLLOWING:
 COUNTY DUPAGE
 CITY-TOWNSHIP LOMBARD-ADDISON
 SEC. & 1/4 SEC. NO. # T40N R11E SEC. 32
 48 HOURS BEFORE YOU DIG.
 EXCLUDING SAT., SUN., & HOLIDAYS

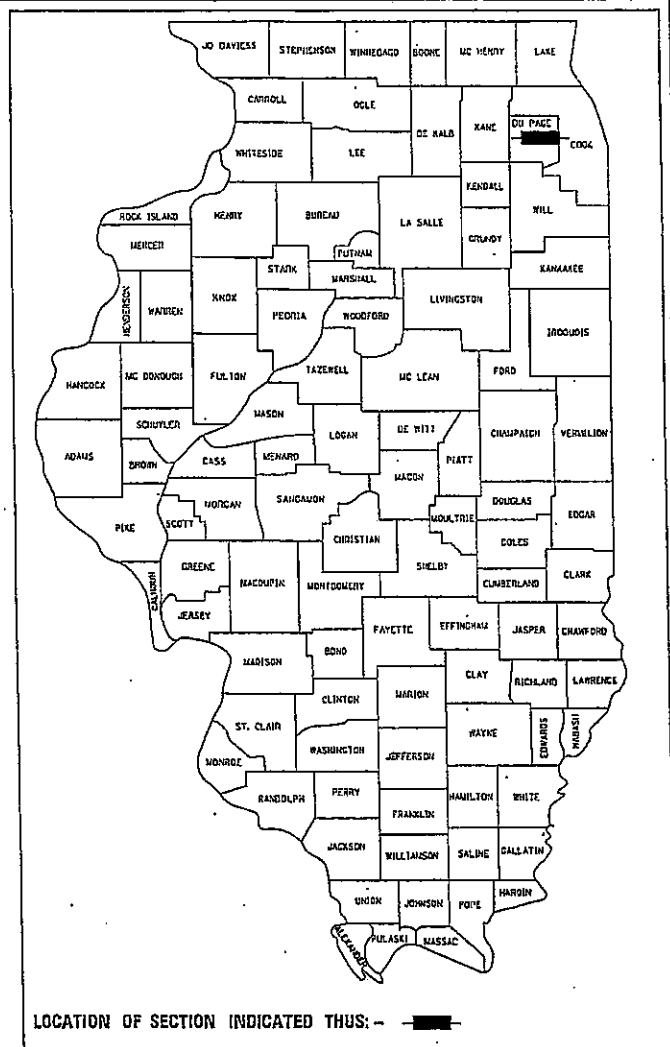
CRYSTAL AVE AND GREENFIELD AVE
30 MPH POSTED SPEED LIMIT




PROJECT LOCATION

N. T. S.

PROJECT LOCATION




 ENGINEER _____ DATE _____
BRYAN L. LUKE
 ILLINOIS REGISTRATION No. 062-051360
 AS AN OFFICIAL ACT AS DESIGN ENGINEER, I HEARBY SEAL THESE PLANS.
 MY REGISTRATION EXPIRES 11/30/2013.

VILLAGE OF LOMBARD
 APPROVED _____ 20____
 PRESIDENT OF BOARD OF TRUSTEES

PLANS PREPARED BY:
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
 PROFESSIONAL DESIGN FIRM NO.: 184-001175
 EXPIRATION DATE: APRIL 30, 2013

2/21/2012 11:10:56 AM C:\Users\jburke\Documents\110256.SHT

NO.	DATE	REVISION	BY

SCALE: NO SCALE
DRAWN BY: _____ DATE: 2/21/2012
CHECKED BY: _____ DATE: _____
APPROVED BY: _____ DATE: _____



Village of Lombard
255 EAST WILSON AVENUE
LOMBARD, IL 60148-3931
(630) 620-5700

PROJECT: **TERRACE VIEW POND IMPROVEMENTS**

TITLE: **COVER SHEET**

PROJ. NO: 110256
SHEET 1 OF 16
FILE:

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

- ALL REFERENCES TO STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (MUTCD); THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", (SSTCI); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 6TH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS, IDOT STANDARD DRAWINGS, AND VILLAGE OF LOMBARD STANDARD DRAWINGS" INCLUDED IN THE CONTRACT DOCUMENTS.
- IN THE GENERAL NOTES, ALL REFERENCES TO ENGINEER SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.

STAKING

- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.

TREE REMOVAL, CLEARING AND HEDGE REMOVAL

- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- ALL CLEARING AND REMOVAL OF BUSHES, HEDGES AND TREES UNDER 6" IN DIAMETER SHALL BE INCIDENTAL TO THE COST OF EARTH EXCAVATION.

UTILITIES

- PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE OF LOMBARD DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
- THE VILLAGE OF LOMBARD WILL LOCATE EXISTING SANITARY AND WATER SERVICES TO THE INDIVIDUAL RESIDENCES WITHIN THE PROJECTS LIMITS. THESE SERVICES WILL BE LOCATED ONE TIME ONLY. FROM THEN ON THE CONTRACTOR SHALL DOCUMENT AND BE RESPONSIBLE FOR MAINTAINING KNOWLEDGE OF THE LOCATIONS OF THESE SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AS-BUILT KNOWLEDGE OF THE LOCATION (INCLUDING ELEVATIONS) OF THE NEWLY INSTALLED SERVICES AND MAINS. THE VILLAGE WILL NOT BE RESPONSIBLE FOR LOCATING NEW MAINS OR SERVICES FOR THE CONTRACTOR. THIS IS IN EFFECT UNTIL FINAL PAYMENT FROM THE VILLAGE. FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE THE AS-BUILT UNDERGROUND UTILITY INFORMATION AVAILABLE TO THE VILLAGE WHENEVER REQUESTED. IN THE EVENT OF A "JULIE" CALL WITHIN THE PROJECT LIMITS, THE VILLAGE OR ITS AGENT WILL NOTIFY THE CONTRACTOR TO MARK ANY UTILITIES STILL UNDER THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE OF LOMBARD. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE OF LOMBARD IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.
- ALL MANHOLES, CATCH BASINS, AND VALVE VAULTS SHALL BE MORTARED WITH HYDRAULIC CEMENT AS SHOWN ON THE DETAILS ON THE INSIDE AND OUTSIDE AT ALL STRUCTURE JOINTS BETWEEN BARREL, CONE, AND FLAT TOP SECTIONS. ADJUSTING RINGS SHALL BE MORTARED ON THE OUTSIDE AROUND JOINTS TO PREVENT INFILTRATION PROVIDING THEY ARE OUTSIDE OF PAVED AREAS. ONLY NON-PREFORMED MASTIC SHALL BE USED BETWEEN THE FRAME, RINGS, AND TOP OF CONE OR FLAT TOP. (PREFORMED MASTIC - EZ STICK, RUB-R-NECK, ETC IS NOT ALLOWED ABOVE THE CONE OR FLAT TOP)
- GRADATION OF TRENCH BACKFILL MATERIAL SHALL BE CA-6, AND SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 12 INCHES (LOOSE MEASURE) AND COMPACTED WITH MECHANICAL EQUIPMENT TO 95% OF STANDARD PROCTOR DENSITY. PIPE BEDDING SHALL BE A MINIMUM OF 4 INCHES THICK.
- ALL FRAMES WITH SELF SEALING CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM". ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORD "SANITARY". ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER". ALL CURB BOXES SHALL SAY "DUMP NO WASTE!" OR "DRAINS TO RIVERS" OR SIMILAR. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE FRAME AND GRATE OR FRAME AND CLOSED LID PROVIDED.
- WHenever during construction operations any loose material is deposited in the flow line of drainage structures such that the natural flow of water is obstructed, it shall be removed at the close of each working day. At the conclusion of construction operations, all utility structures shall be free from dirt and debris. The work specified above will not be paid for separately but shall be included in the contract.
- ALL AUXILIARY VALVES, FRAMES, GRATES, LIDS AND WATER SERVICE BOXES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ALL HYDRANTS TO BE REMOVED SHALL BE REMOVED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS; THE CONTRACTOR SHALL CONTACT THE VILLAGE OF LOMBARD TO DETERMINE IF THE VILLAGE WISHES TO SALVAGE THE HYDRANTS, FRAMES, OR LIDS. THE CONTRACTOR WILL BE RESPONSIBLE TO EITHER RETURN THE HYDRANTS, FRAMES, OR LIDS TO PUBLIC WORKS OR DISPOSE OF THEM.
- AN ESTIMATED QUANTITY (3 SQUARES) OF SIDEWALK REMOVAL AND REPLACEMENT HAS BEEN INCLUDED FOR THE INSTALLATION OF THE WATER AND SEWER SERVICES AT EACH PROPERTY WHERE THE EXISTING SIDEWALK IS NOT CALLED OUT TO BE REPLACED. ANY SIDEWALK REMOVAL AND REPLACEMENT AT THESE LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

- ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONSTRUCTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE VILLAGE OF LOMBARD.
- THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS. COMPLIANCE WITH THE ABOVE WILL BE INCIDENTAL TO THE UTILITY INSTALLATIONS.
- ALL PROPOSED UTILITY STRUCTURES SHALL INCLUDE AN EXTERNAL CHIMNEY SEAL UNLESS THEY FALL IN THE PAVEMENT AND ARE ADJUSTED TO FINAL GRADE WITH CLASS SI CONCRETE OR BITUMINOUS SURFACE OR BINDER FULLY COVERING THE RINGS AND CASTING. THE COST OF THE CHIMNEY SEAL SHALL BE CONSIDERED INCIDENTAL TO THE UTILITY STRUCTURE BEING INSTALLED.
- ALL MANHOLES, CATCH BASINS, INLETS, AND VALVE VAULTS CALLED FOR TO BE ADJUSTED OR RECONSTRUCTED IN THE PLANS SHALL BE PAID FOR EACH AS "DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED" OR "DRAINAGE AND UTILITY STRUCTURE TO BE RECONSTRUCTED."

PAVING AND CURB & GUTTER

- THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, AND SIDEWALK AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING REMOVED.
- THE LIMITS OF UNSUITABLE SOIL REMOVAL HAVE BEEN ESTIMATED USING DATA PROVIDED IN THE ROADWAY SOILS INVESTIGATION DATED XXX XXX, 20XX BY XXXXXX. THE LIMITS OF UNDERCUT WILL BE VERIFIED OR RE-ESTABLISHED DURING CONSTRUCTION BY THE ENGINEER BASED ON ACTUAL CONDITIONS. THE PLAN QUANTITIES ARE ESTIMATED AND ANY ADDITIONS OR SUBTRACTIONS RESULTING FROM THE CHANGE IN LIMITS OF UNDERCUTTING SHALL BE MADE BY THE ENGINEER. THE CONTRACTOR WILL BE PAID FOR THE ACTUAL QUANTITY OF WORK PERFORMED.
- BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- BITUMINOUS CONCRETE SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOP SOIL, SOD PLACEMENT, AND BITUMINOUS CONCRETE BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

STORM & SANITARY SEWER

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH BRICK AND MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE STORM OR SANITARY SEWER ITEMS BEING REMOVED.
- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
- THE REMOVAL OF END SECTIONS SHALL BE PAID FOR AS "STORM SEWER REMOVAL" OF THE DIAMETER INDICATED.

SIGNING, STRIPING & LANDSCAPING

- THOSE SIGNS WHICH ARE SO DESIGNATED BY THE ENGINEER SHALL BE REMOVED, STORED AND SUBSEQUENTLY RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. IN ADDITION, ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION OPERATIONS BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN, AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

MISCELLANEOUS

- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- RESERVED
- ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL ADHERE TO IDOT STANDARD DRAWING NO. 701801 WHEN CLOSING ANY SIDEWALK.
- ESTIMATED LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT HAVE BEEN SHOWN ON THE PLANS. THE ENGINEER WILL DETERMINE THE EXACT LIMITS IN THE FIELD DURING CONSTRUCTION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED. (ONE (1) WEIGHTED BAG ACROSS EACH BOTTOM RAIL.)

VOL ISSUE DATE: 1-25-07



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:



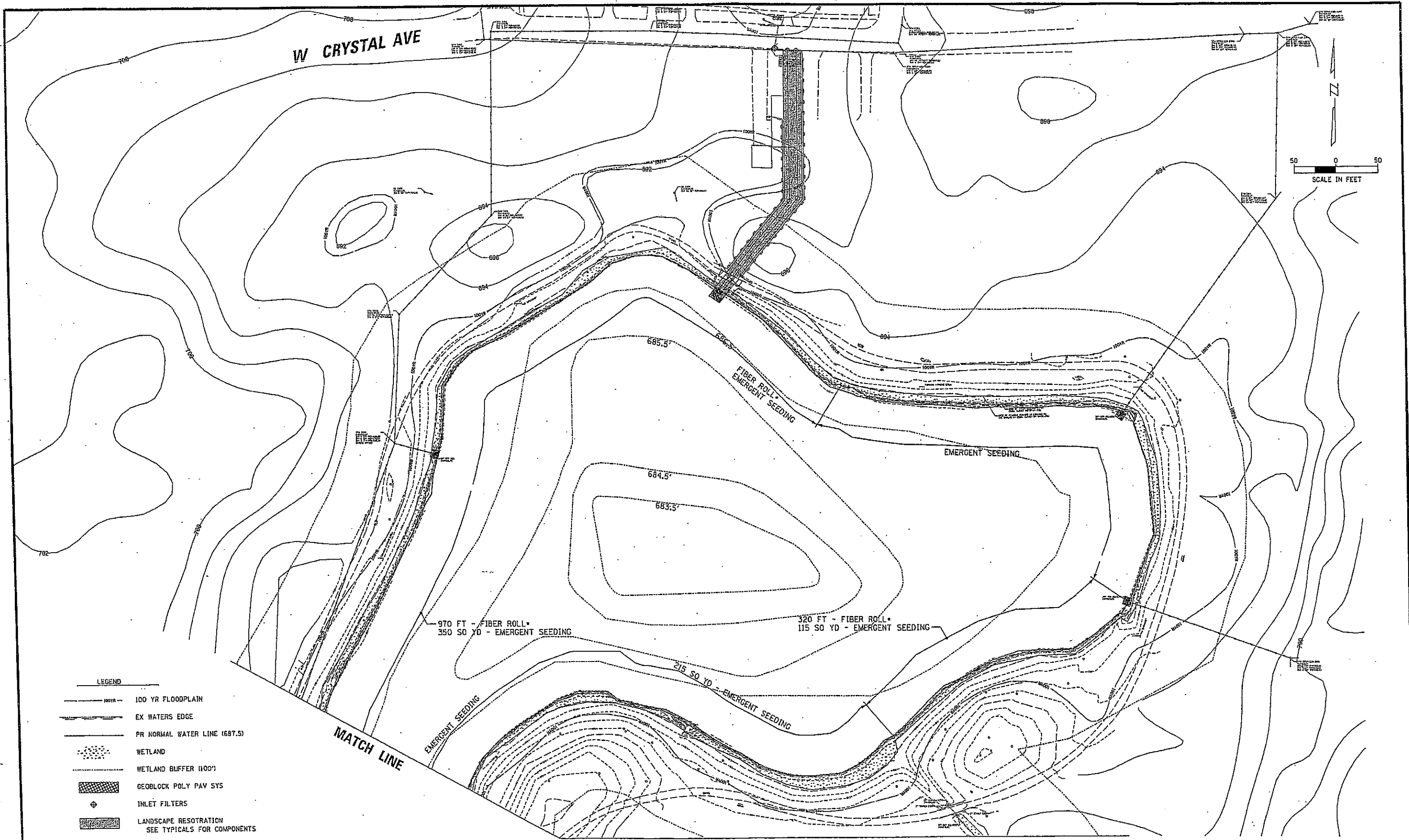
VILLAGE OF LOMBARD

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TITLE:

TERRACE VIEW POND IMPROVEMENTS
GENERAL NOTES

PRD. NO.	110256
DATE	02/20/12
SHEET	2 OF 16



LEGEND

-  100 YR FLOODPLAIN
-  EX WATERS EDGE
-  PR NORMAL WATER LINE (687.5)
-  WETLAND
-  WETLAND BUFFER (100')
-  GEOBLOCK POLY PAV SYS
-  INLET FILTERS
-  LANDSCAPE RESOTRATION
SEE TYPICALS FOR COMPONENTS

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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 Rosemont, Illinois 60018
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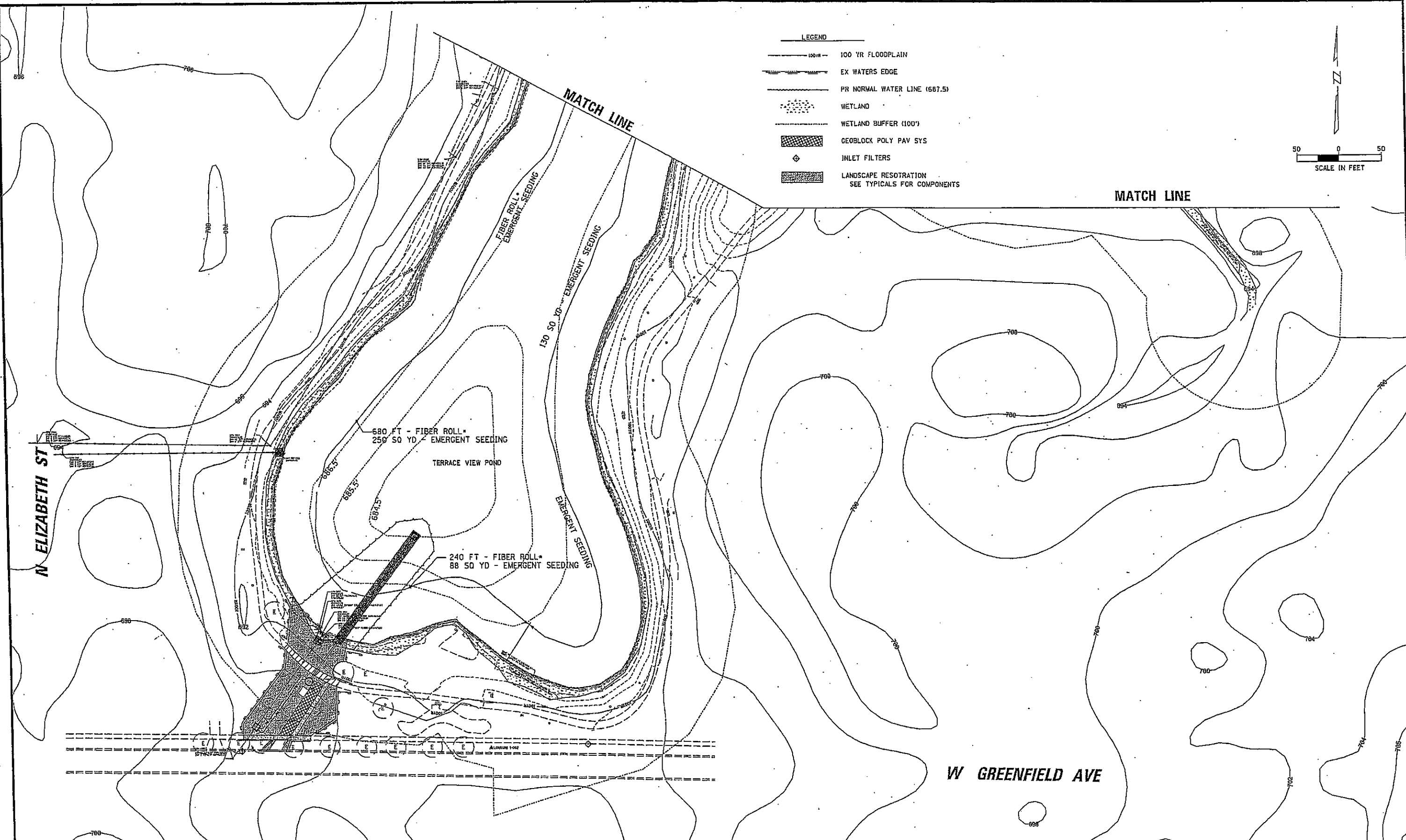
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 **VILLAGE OF LOMBARD**

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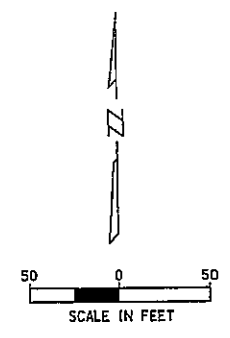
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DWN.	
CHKD.	JMA
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PLOT DATE:	2/21/2012
CAO USER:	awardner

TITLE:
**TERRACE VIEW POND IMPROVEMENTS
 WETLAND, BUFFER & RIPARIAN PLAN**

PROJ. NO. 110256
 DATE: 02/20/12
 SHEET 9 OF 16



- LEGEND**
- 100 YR FLOODPLAIN
 - EX WATERS EDGE
 - PR NORMAL WATER LINE (687.5)
 - WETLAND
 - WETLAND BUFFER (100')
 - GEOBLOCK POLY PAV SYS
 - INLET FILTERS
 - LANDSCAPE RESOTRATION
SEE TYPICALS FOR COMPONENTS



N ELIZABETH ST

W GREENFIELD AVE

680 FT - FIBER ROLL*
250 SQ YD - EMERGENT SEEDING

TERRACE VIEW POND

240 FT - FIBER ROLL*
88 SQ YD - EMERGENT SEEDING

130 SQ YD - EMERGENT SEEDING

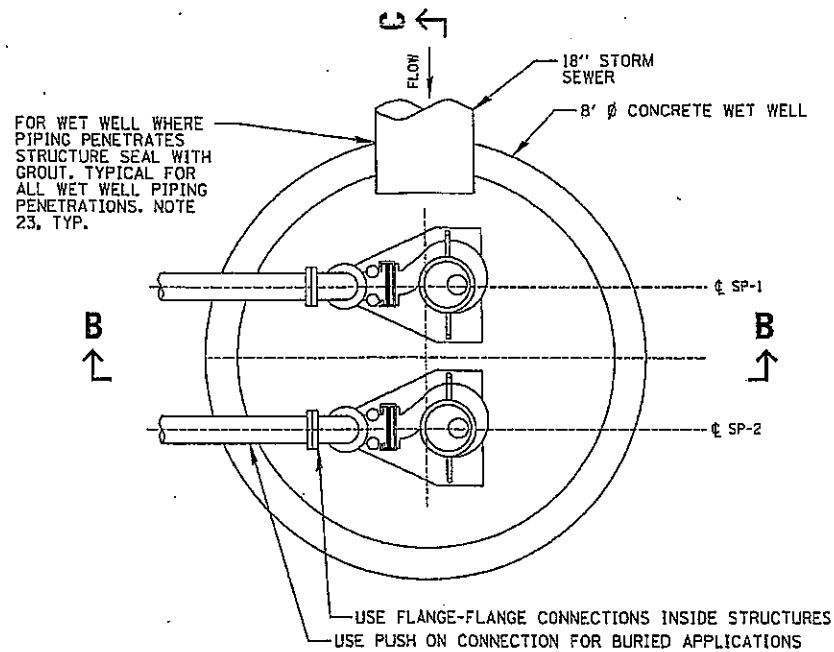
CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
 VILLAGE OF LOMBARD

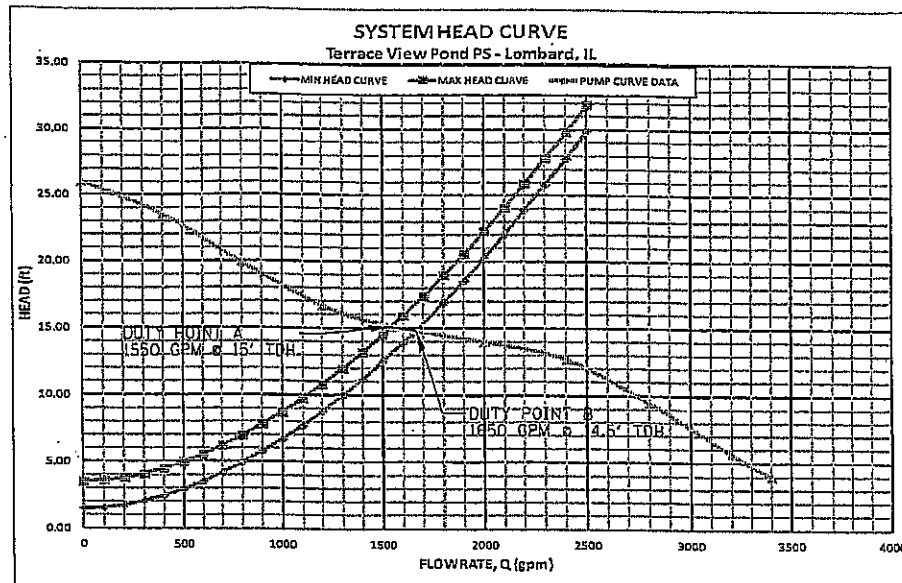
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TITLE:
**TERRACE VIEW POND IMPROVEMENTS
WETLAND, BUFFER & RIPARIAN PLAN**

PROJ. NO. 110256
DATE: 02/20/12
SHEET 10 OF 15



PLAN VIEW
N.T.S.

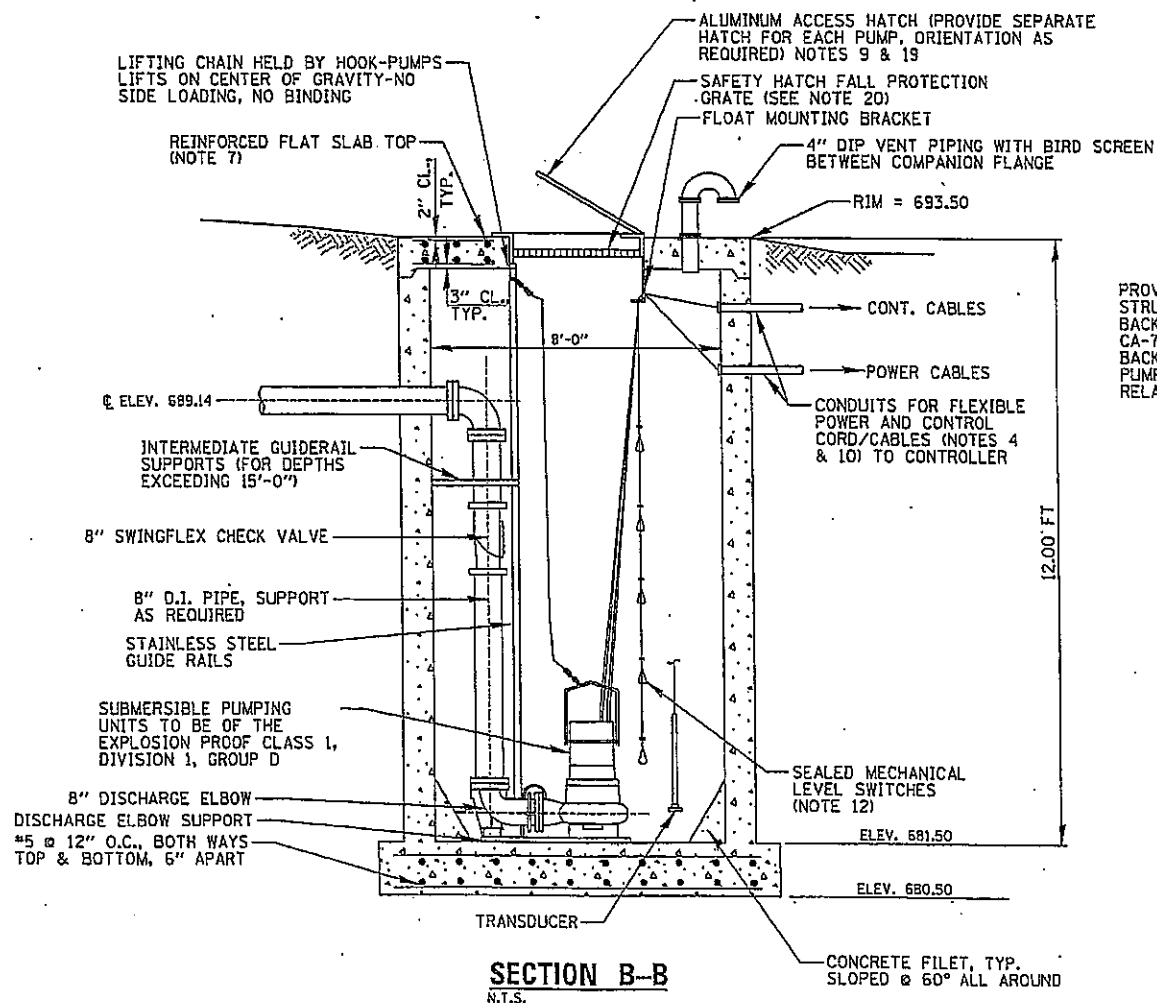


PUMPS (SP-1 & SP-2) SYSTEM HEAD CURVE

NOTE: PUMPS DESIGNATED SP-1 & 2 SHALL BE CAPABLE OF MEETING THE RATED CONDITIONS INDICATED. PUMPS SHALL ALSO BE CAPABLE OF OPERATING OVER THE OPERATING RANGE INDICATED.

LIFT STATION NOTES

1. ANY AND ALL DEWATERING REQUIRED DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. ORIENTATION OF PIPING, DUCTS/CONDUITS, EQUIPMENT ETC. MAY VARY. CONTRACTOR TO COORDINATE WITH EQUIPMENT LOCATIONS SHOWN ON OTHER SHEETS.
3. DIMENSIONING SHOWN ON THIS DRAWING IS NOT TO SCALE (N.T.S.). DO NOT SCALE THIS DRAWING.
4. LOCATION ORIENTATION AND NUMBER OF EMBEDDED AND/OR BURIED DUCTS & CONDUITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. MINIMUM NUMBER OF DUCTS/CONDUITS ARE SHOWN ON DUCT/CONDUIT PLAN. CABLES INTEGRALLY WIRED AND PROVIDED WITH PUMPS, FLOATS, AND TRANSDUCER TO BE OF SUFFICIENT LENGTH TO CONNECT TO CONTROLLER WITHOUT SPLICING, UNLESS SPECIFICALLY SHOWN ON DRAWINGS.
5. CONTRACTOR TO COORDINATE POSITION AND SIZE OF PUMP STATION HATCHES TO ALLOW FOR PUMP REMOVAL.
6. USE OF PUMPS SUPPLIED UNDER THIS CONTRACT FOR THE PURPOSE OF DEWATERING DURING CONSTRUCTION, WILL NOT BE PERMITTED.
7. REINFORCED FLAT SLAB TOP TO BE A MINIMUM OF 10" THICK. REBARS TO BE #5 @ 12" ON CENTER BOTHWAYS, TOP AND BOTTOM, AND FULL LENGTH BARS EQUAL IN NUMBER TO THOSE BARS CUT AND LAY IN THE SAME DIRECTION AS THOSE CUT. ALL BARS TO BE EPOXY COATED. PROVIDE ADDITIONAL BARS AT CORNERS OF HATCH OPENINGS.
8. PROVIDE AUTOMATIC ALTERNATOR TO ALTERNATE OPERATION OF PUMPS.
9. HATCHES SHALL BE ALUMINUM WITH BRONZE AND/OR 316 STAINLESS STEEL TRIM. LOAD RATING SHALL BE H-20. CONTRACTOR TO COORDINATE HATCH SIZE AND ORIENTATION AS REQUIRED.
10. PROVIDE SEPARATE DUCTS FOR EACH PUMP POWER CABLE. PROVIDE SEPARATE DUCT FOR PUMP CONTROL CABLES. PROVIDE SEPARATE DUCT FOR FLOAT AND TRANSDUCER CONTROL CABLES.
11. CONTRACTOR RESPONSIBLE FOR EQUIPMENT ORIENTATION.
12. PROVIDE PLASTIC COATED ANCHOR FOR FLOAT SWITCH TO PREVENT MOVEMENT.
13. ALL FASTENERS TO BE STAINLESS STEEL.
14. EXTERIOR AND INTERIOR SURFACES OF WET WELL STRUCTURE BELOW GRADE TO BE COATED AS FOLLOWS: EXTERIOR WITH BITUMINOUS WATER PROOFING AND INTERIOR WITH COAL TAR EQUAL TO TNECOL SERIES 46-465 H.B. TNECOL. TWO COATINGS, EACH 8 MILS THICK (DRY) TO BE PROVIDED.
15. SEE OPERATION OF SYSTEM FOR DETAILS OF PUMP STATION OPERATION. REFER TO EQUIPMENT SPECIFICATION SHEET.
16. THE MECHANICAL FLOAT SYSTEM SHALL OPERATE FOR THE LEVELS INDICATED.
17. PROVIDE CONDENSATION HEATER AND THERMOSWITCH FOR CONTROLLER. HEATER SIZE TO BE COORDINATED BY CONTRACTOR.
18. PROVIDE A DUAL 20 AMP GFCI CONVENIENCE OUTLET LOCATED WITHIN THE PUMP CONTROLLER.
19. HATCHES SHALL BE GASKETED, ODOR RESISTANT, AND LOCKABLE.
20. SAFETY GRATING SHALL SPAN THE ENTIRE OPENING OF EACH HATCH. A SINGLE SAFETY GRATE SPANNING ALL HATCHES WILL NOT BE ACCEPTABLE. GRATING SHALL BE CAPABLE OF SUPPORTING 300 PSF.
21. WET WELL BARREL LENGTH AS REQUIRED. CONTRACTOR TO COORDINATE SUCH THAT JOINTS DO NOT FALL AT LOCATION(S) OF PIPE PENETRATIONS.
22. PROVIDE SOLID SLEEVE COUPLINGS OR OFFSET FITTINGS AS REQUIRED TO ACCOMMODATE PIPING ALIGNMENTS BETWEEN WET WELL AND VALVE VAULT.
23. PROVIDE WATER TIGHT JOINT BY FILLING ANNULAR SPACE BETWEEN PIPE OPENING AND PIPE WITH SEALING GROUT. TYPICAL FOR ALL PIPING WHICH PENETRATES WET WELL AND/OR VALVE VAULT STRUCTURE.



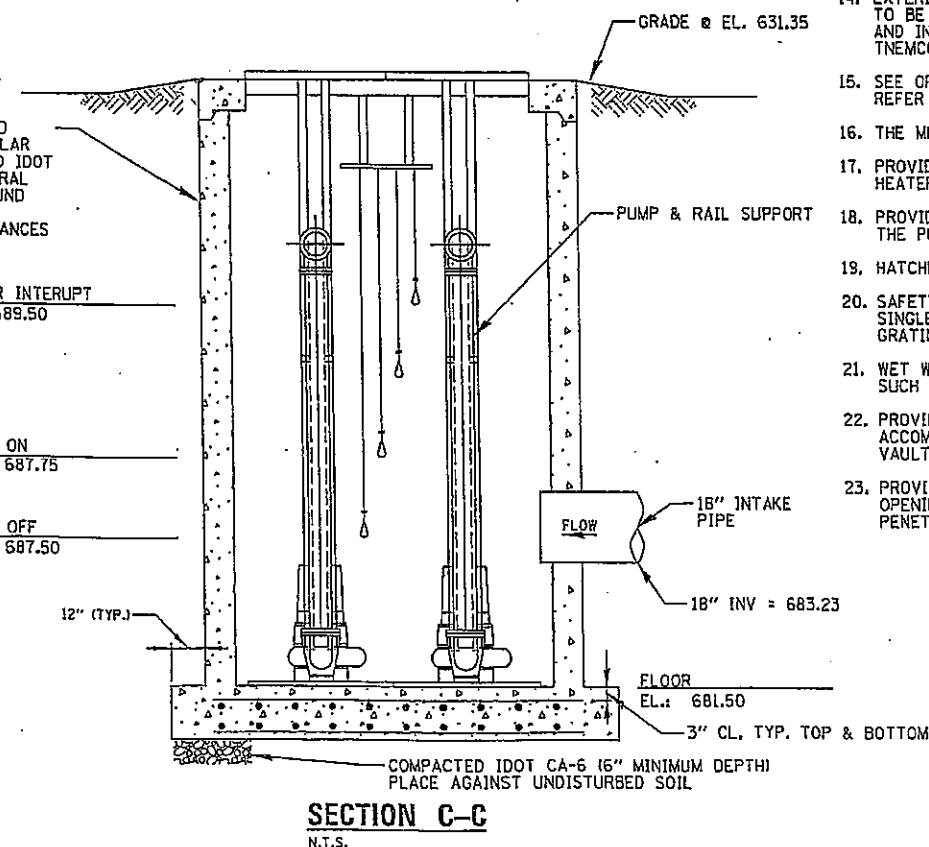
SECTION B-B
N.T.S.

PROVIDE COMPACTED STRUCTURAL GRANULAR BACKFILL EQUAL TO IDOT CA-7 FOR STRUCTURAL BACKFILL ALL AROUND PUMP STATION AND RELATED APPURTENANCES

POWER INTERRUPT
EL.: 689.50

PUMP ON
EL.: 687.75

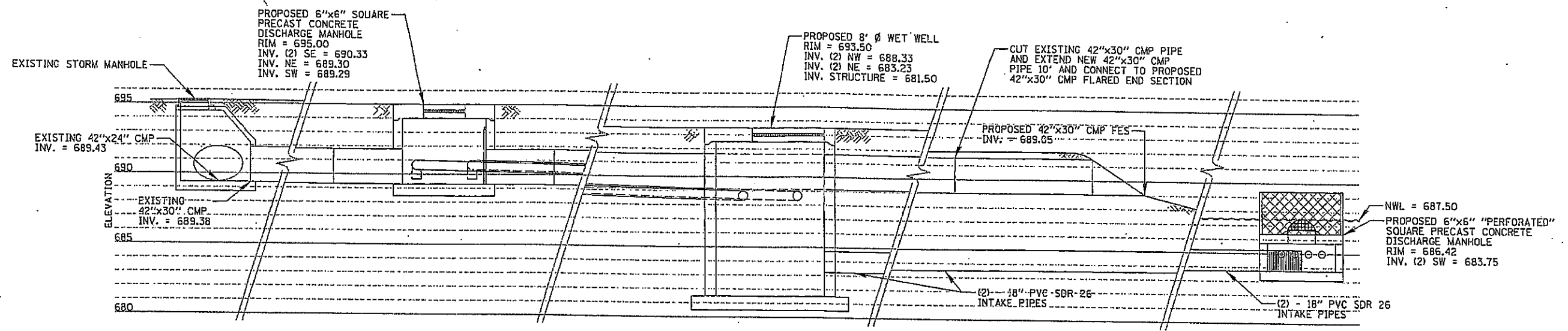
PUMP OFF
EL.: 687.50



SECTION C-C
N.T.S.



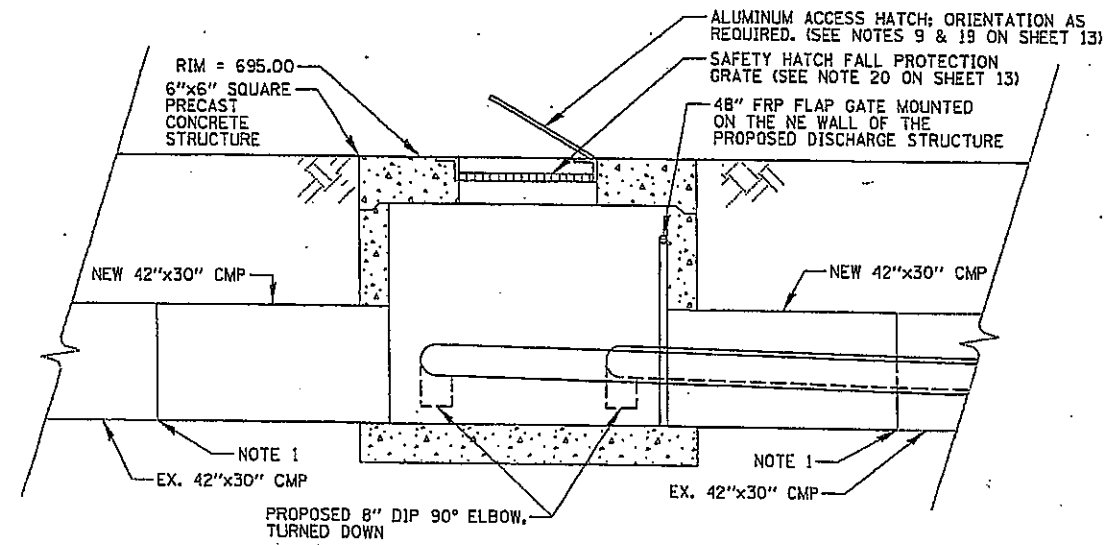
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:	DSGN.		TITLE:
					DWN.		
					CHKD.		
					SCALE:	NTS	
					PLOT DATE:	2/21/2012	
					CAD USER:	mvordar'er	
						Default	



SECTION A-A: PUMP STATION PROFILE

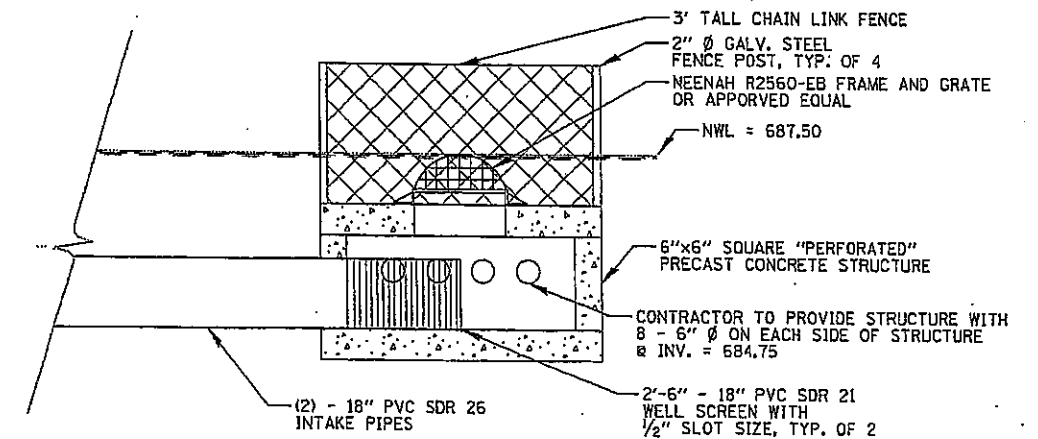
SCALE: 22"x34" PAPER: 1/4" = 1'

11"x17" PAPER: 1/8" = 1'



PROPOSED DISCHARGE STRUCTURE DETAIL

N.T.S.



PROPOSED INTAKE STRUCTURE DETAIL

N.T.S.



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0600

CLIENT:



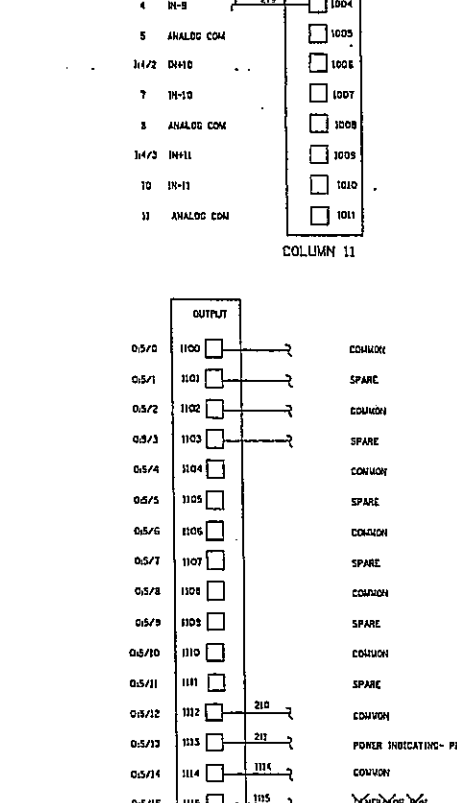
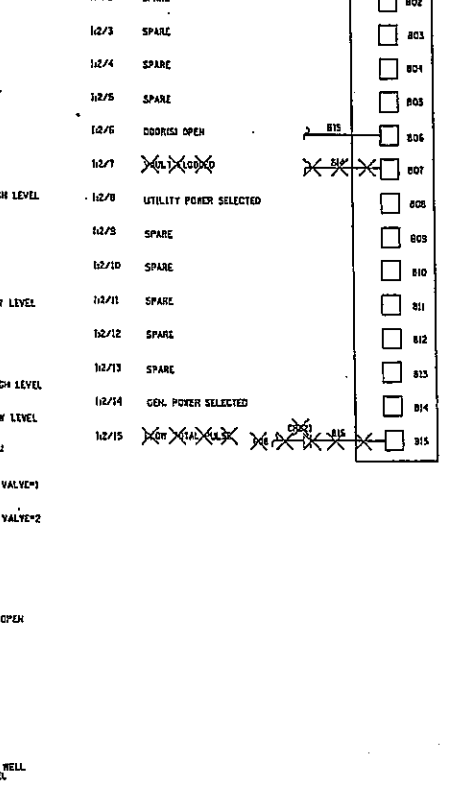
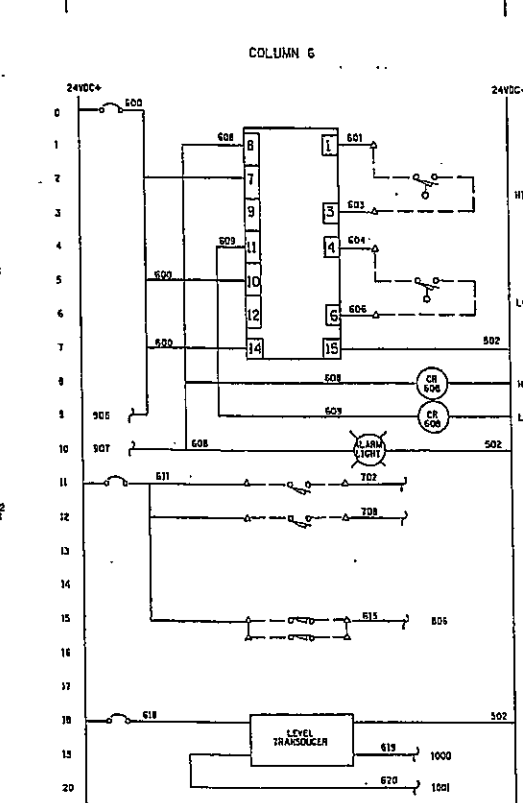
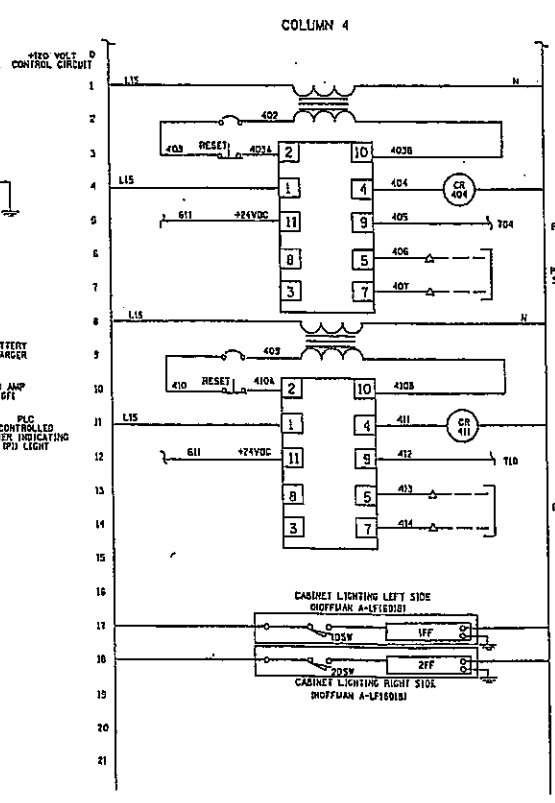
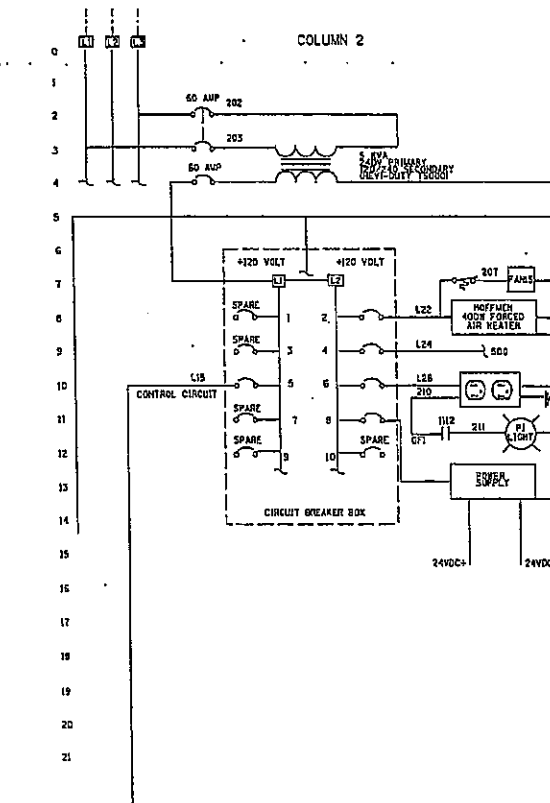
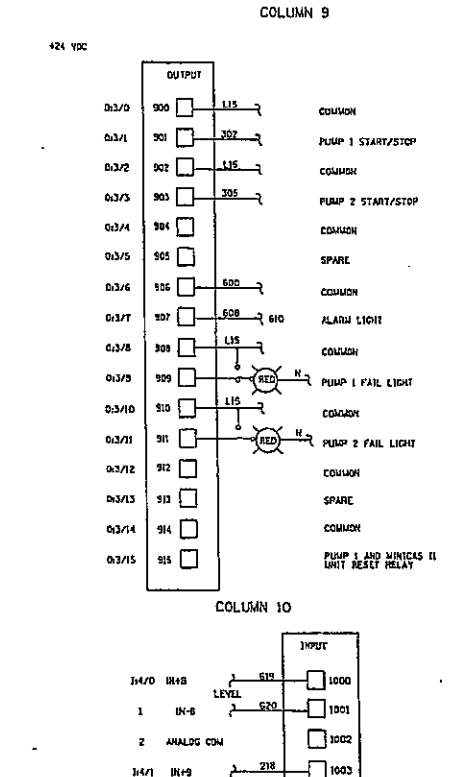
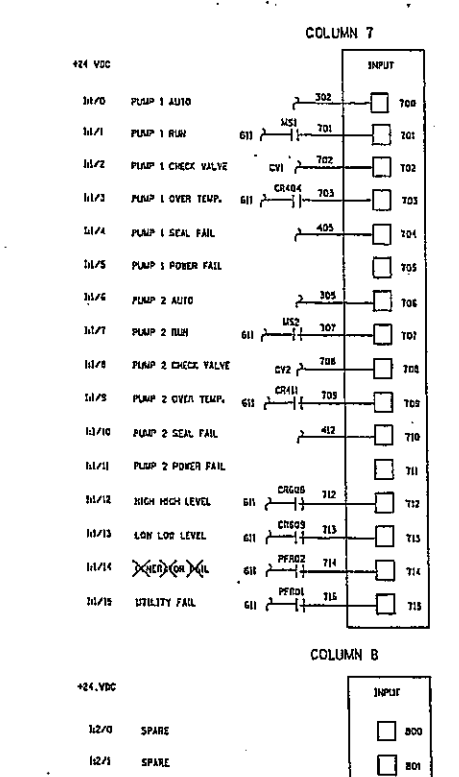
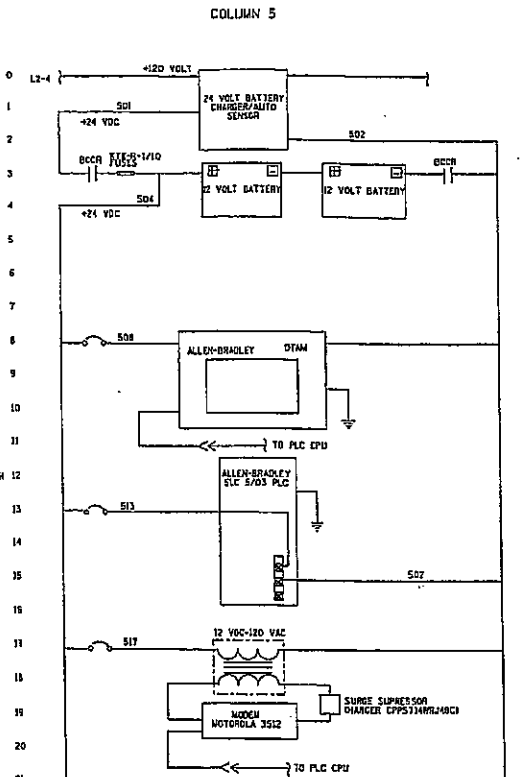
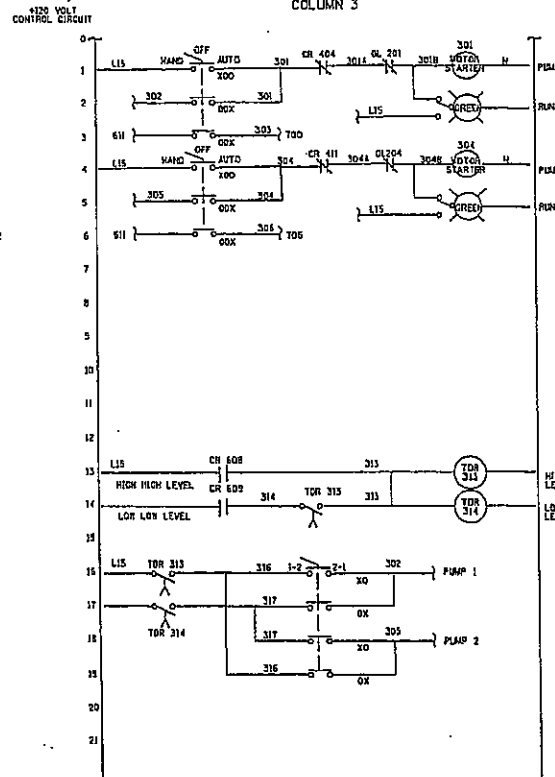
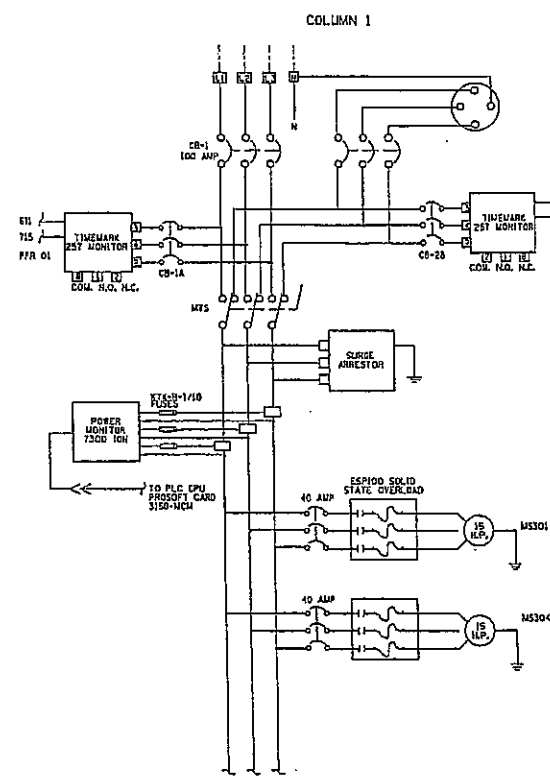
VILLAGE OF LOMBARD

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:

**TERRACE VIEW POND IMPROVEMENTS
 STORM WATER PUMP STATION
 PUMP STATION DETAILS - 2**

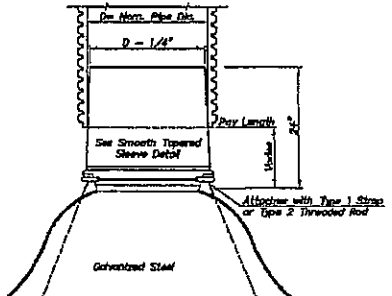
PROJ. NO.	110256
DATE:	02/20/12
SHEET 14	OF 16



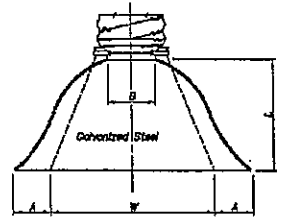
END SECTIONS FOR ROUND PIPE										
Dia.	Gauge	Weight	*A	*B	*H	*L	*W	Slope	Overall Width	
6"	18	10	4	1	3	8	12	2	20"	
8"	18	14	5 3/4	2	4	14 1/2	18	2 1/4	27 1/2"	
10"	18	17	7 5/8	3	5	16 1/2	20	2 1/2	36 1/4"	
12"	18	23	7	4	6	21	24	2 1/2	38"	
15"	18	33	8	5	7	28	30	3 1/2	48"	
18"	18	42	8	10	8	31	36	2 1/2	52"	
21"	18	48	8	12	8	36	42	2 1/2	60"	
24"	18	63	10	13	8	41	48	2 1/2	66"	
30"	18	123	12	18	8	61	60	2 1/2	84"	
36"	18	138	14	18	9	60	72	2 1/2	100"	
42"	12	320	16	22	11	69	84	2 1/2	116"	
48"	12	375	18	27	12	78	90	2 1/4	136"	
54"	12	440	18	30	12	84	108	2 1/4	156"	
60"	12/10	610	18	33	12	87	114	2	180"	
66"	12/10	687	18	36	12	87	120	2	198"	
72"	12/10	720	18	39	12	87	126	2	198"	
78"	12/10	810	18	42	12	87	132	1 1/2	168"	
84"	12/10	880	18	48	12	87	138	1 1/2	174"	
90"	12/10	910	24	37	12	87	144	1 1/2	182"	
96"	12/10	985	25	38	12	87	150	1 1/2	200"	

END SECTIONS FOR ARCHED PIPE										
Span & Rise Equivalent	Gauge	Weight	*A	*B	*H	*L	*W	Slope	Overall Width	
17x13	18	25	7	9	4	19	30	2 1/2	44"	
21x15	18	32	7	10	5	23	36	2 1/2	50"	
24x18	18	42	8	12	5	26	42	2 1/2	56"	
28x20	18	52	9	14	5	32	48	2 1/2	62"	
32x24	18	62	10	16	5	36	60	2 1/2	68"	
36x28	18	131	12	18	5	49	72	2 1/2	80"	
40x33	18	253	15	21	18	63	85	2 1/2	111"	
45x38	18	316	18	26	12	63	90	2 1/2	126"	
48x41	18	330	18	26	12	63	90	2 1/2	126"	
54x45	18	392	18	30	18	70	108	2	138"	
60x48	18	375	18	34	12	70	108	2	138"	
71x47	12/10	480	18	33	12	77	114	1 1/2	150"	
80x41	12/10	487	18	33	12	77	114	1 1/2	150"	
77x42	12/10	515	18	36	12	77	126	1 1/2	162"	
72x45	12/10	625	18	36	12	77	126	1 1/2	162"	
83x47	12/10	670	18	36	12	77	126	1 1/2	162"	
87x47	12/10	730	20	38	12	77	148	1 1/2	192"	
90x47	12/10	780	20	34	12	87	152	1 1/2	206"	
105x71	12/10	810	20	38	12	87	174	1 1/2	216"	
112x78	12/10	807	20	40	12	87	174	1 1/2	220"	

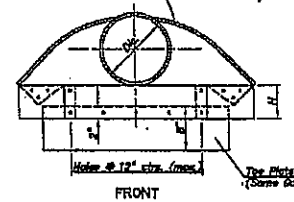
* - Dimensions in Inches Plus or Minus Standard Shop Tolerance.



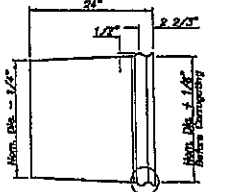
TAPERED SLEEVE FOR ATTACHING STEEL END SECTIONS TO SMOOTH PIPE



PLAN

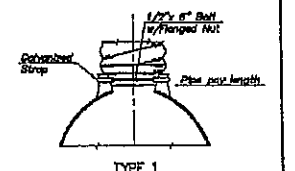


FRONT

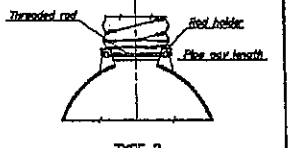


SMOOTH TAPERED SLEEVE DETAIL

NOTE: Metal to be 12 Gauge Smooth Galvanized in accordance with AASHTO M270.



TYPE 1



TYPE 2

CONNECTIONS

GENERAL NOTES

For plate extensions where specified, to be punched to match holes in existing 3/8" holes to be finished. The length of toe plate to be as follows:
W = 10" for 15" to 30" diameter pipe inclusive.
W = 25" for 36" to 60" diameter pipe inclusive.
W = 10" for pipe arches with rise of 15" to 25" inclusive.
W = 20" for pipe arches with rise of 33" to 75" inclusive.

Multiple panels and sections that have lap seams which are to be tightly joined by bolts. Corner plates, and toe plate to be same gauge as end section.

For 60" and larger diameter pipe and sections, reinforced edges to be supplemented with hot dipped galvanized wire mesh.

For 77" and larger pipe arch and sections, reinforced edges and center panel seams to be supplemented by hot dipped galvanized wire mesh.

No.	Date	Revisions
STANDARD END SECTION FOR ROUND & ARCHED PIPES		

Exhibit "B"

LEGAL DESCRIPTION OF THE WEST CRYSTAL PARCEL

**115 W. Crystal Street
Lombard, Illinois 60148**

LOT 12 IN SALVATORI'S SUBDIVISION OF LOT "A" IN ELMORE'S NORTH VIEW, A SUBDIVISION IN THE NORTH HALF OF SECTION 6, TOWNSHIP 39 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID SALVATORI'S SUBDIVISION RECORDED MARCH 26, 1958 AS DOCUMENT 874722, IN DUPAGE COUNTY, ILLINOIS.