

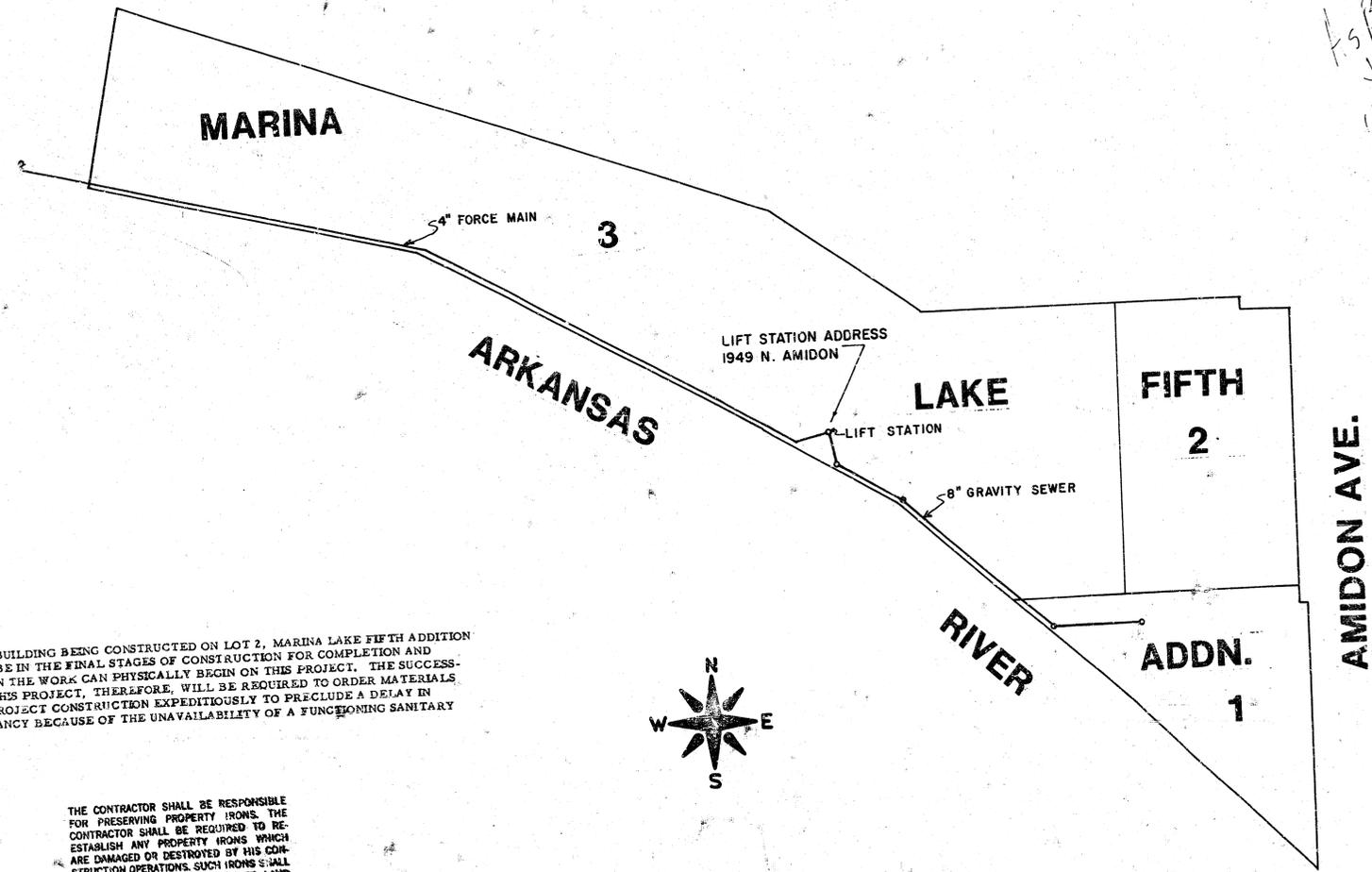
LAT. 128A, SANITARY SEWER NO. 22  
INCLUDING LIFT STATION & FORCE MAIN

CITY OF WICHITA, KANSAS

R. W. BRUGGEMAN  
DIRECTOR OF ENGINEERING/CITY ENGINEER

PROJ. NO. 468-76-245-81128-000-000-001

*As Built  
J.L.L.  
11-82*



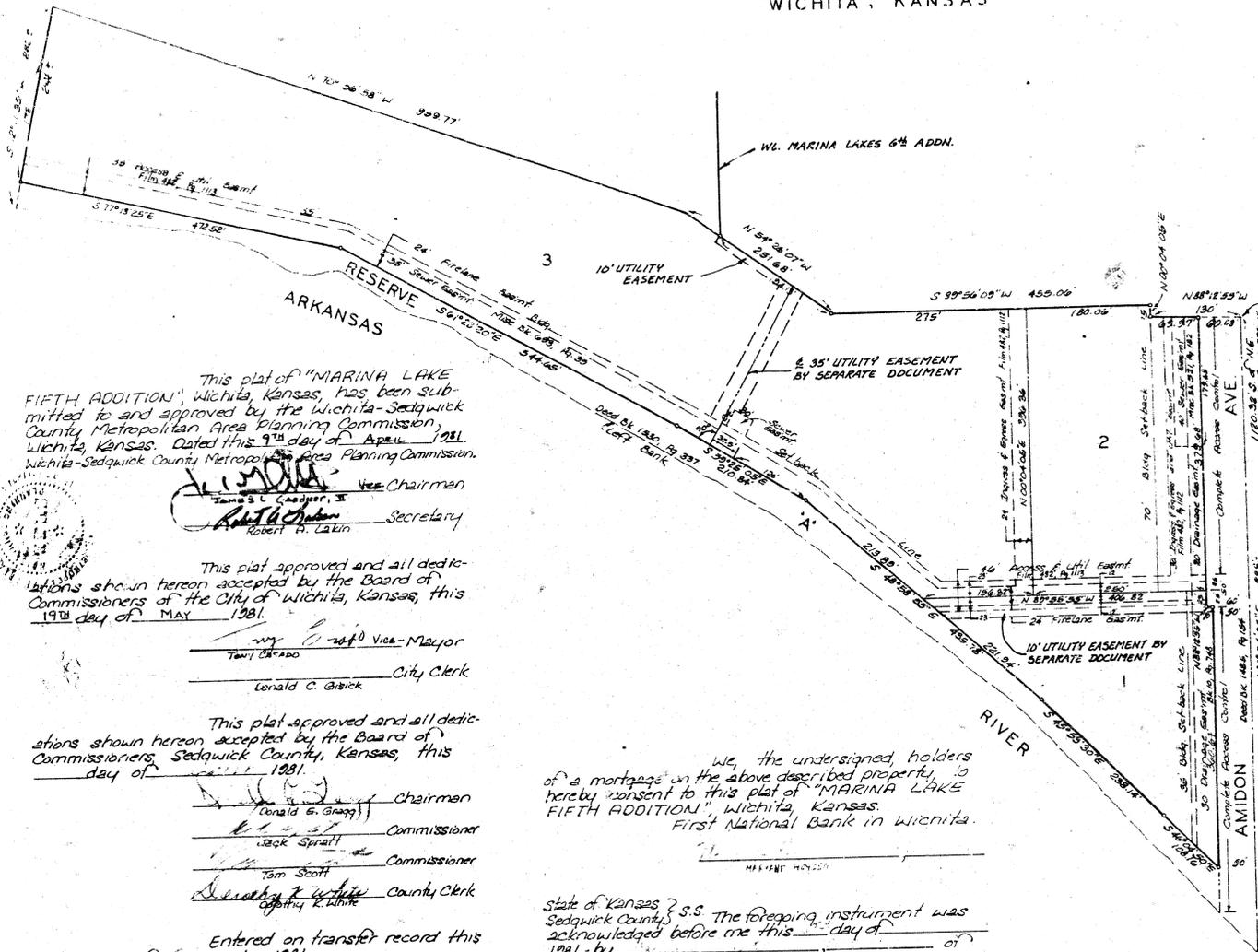
NOTE: THE NEW BUILDING BEING CONSTRUCTED ON LOT 2, MARINA LAKE FIFTH ADDITION WILL PROBABLY BE IN THE FINAL STAGES OF CONSTRUCTION FOR COMPLETION AND OCCUPANCY WHEN THE WORK CAN PHYSICALLY BEGIN ON THIS PROJECT. THE SUCCESSFUL BIDDER ON THIS PROJECT, THEREFORE, WILL BE REQUIRED TO ORDER MATERIALS AND SCHEDULE PROJECT CONSTRUCTION EXPEDITIOUSLY TO PRECLUDE A DELAY IN BUILDING OCCUPANCY BECAUSE OF THE UNAVAILABILITY OF A FUNCTIONING SANITARY SEWER SYSTEM.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.



# MARINA LAKE FIFTH ADDITION

WICHITA, KANSAS



This plat of "MARINA LAKE FIFTH ADDITION", Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this 9th day of April, 1981, Wichita-Sedgwick County Metropolitan Area Planning Commission.



James S. Conroy, Jr. Vice-Chairman  
Robert A. Lakin Secretary

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of the City of Wichita, Kansas, this 19th day of MAY, 1981.

Tom O'Keefe Vice-Mayor  
Donald C. Garick City Clerk

This plat approved and all dedications shown hereon accepted by the Board of Commissioners, Sedgwick County, Kansas, this day of \_\_\_\_\_, 1981.

Donald G. Gray Chairman  
Jack Spratt Commissioner  
Tom Scott Commissioner  
Shirley K. White County Clerk

Entered on transfer record this day of August, 1981.  
Shirley K. White County Clerk

State of Kansas 2.S.S. This is to certify that this plat has been filed for record in the office of the Register of Deeds, this day of \_\_\_\_\_, 1981 at \_\_\_\_\_ o'clock M; and is duly recorded.

Bette F. McCall Register of Deeds  
Pat Kettler Deputy

We, the undersigned, holders of a mortgage on the above described property, do hereby consent to this plat of "MARINA LAKE FIFTH ADDITION", Wichita, Kansas.  
First National Bank in Wichita.

State of Kansas 2.S.S. The foregoing instrument was acknowledged before me this day of \_\_\_\_\_, 1981, by \_\_\_\_\_ of First National Bank in Wichita.

My Comm. Exp. \_\_\_\_\_ John W. Walsby Notary Public

State of Kansas 2.S.S. We, Baughman Company, P.A., Sedgwick County, S.S. We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and plotted "MARINA LAKE FIFTH ADDITION", Wichita, Kansas and that the accompanying surveyed, described as exhibit of the property surveyed, described as part of Government Lot 1 in the NW 1/4 of Sec. 7 Twp. 27-S, R-1-E, commencing at the NE corner of said Lot 1; thence S 00° 04' 05" W, along the east line of said Lot 1, 1120.32 feet for a place of beginning; thence N 88° 12' 55" W, 130 feet; thence N 00° 04' 05" E, 15 feet; thence S 89° 52' 09" W, 455.06 feet; thence N 54° 26' 07" W, 251.68 feet; thence N 70° 54' 58" W, 959.77 feet; thence S 12° 11' 35" W, 282.9 feet more or less to the left (north) bank of the Arkansas River; thence southeasterly along said left bank to the east line of said Lot 1; thence N 00° 04' 05" E, 885 feet more or less to the place of beginning.

\_\_\_\_\_ Baughman Company, P.A.  
William C. Baughman Surveyor

Know all men by these presents that we, the undersigned, have caused the land described in the surveyors certificate to be plotted into Lots, a Reserve and a street to be known as "MARINA LAKE FIFTH ADDITION", Wichita, Kansas. "Reserve A" is hereby dedicated to the City of Wichita for access, drainage, river-bank maintenance, flood control, river beautification and utility easement purposes. The street is hereby dedicated to and for the use of the public. The fire lane easement is hereby granted to the City of Wichita for access. Other easements are hereby granted as indicated, the drainage easement for drainage purposes, the utility easements for the construction and maintenance of all public utilities. The access easements and the ingress and egress easements are for the benefit of Lots 1, 2 and 3, and the property adjacent to the north. All abutters rights of access to or from Amidon Ave. over and across the east line of Lots 1 and 2, except the south 23 feet of Lot 2 and the north 23 feet of Lot 1, are hereby granted to the City of Wichita. No building shall be constructed below a minimum pad elevation of 1307.5 for office type use, or 1310.5 for residential dwellings on Lots 1, 2 and 3.

Marina Lake Drive, Inc.  
Jay B. Samra President  
Fred H. Corner Secretary

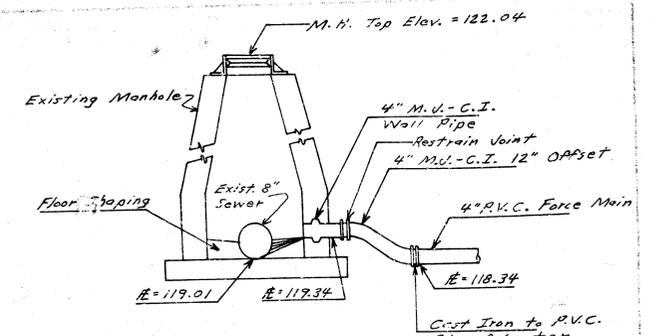
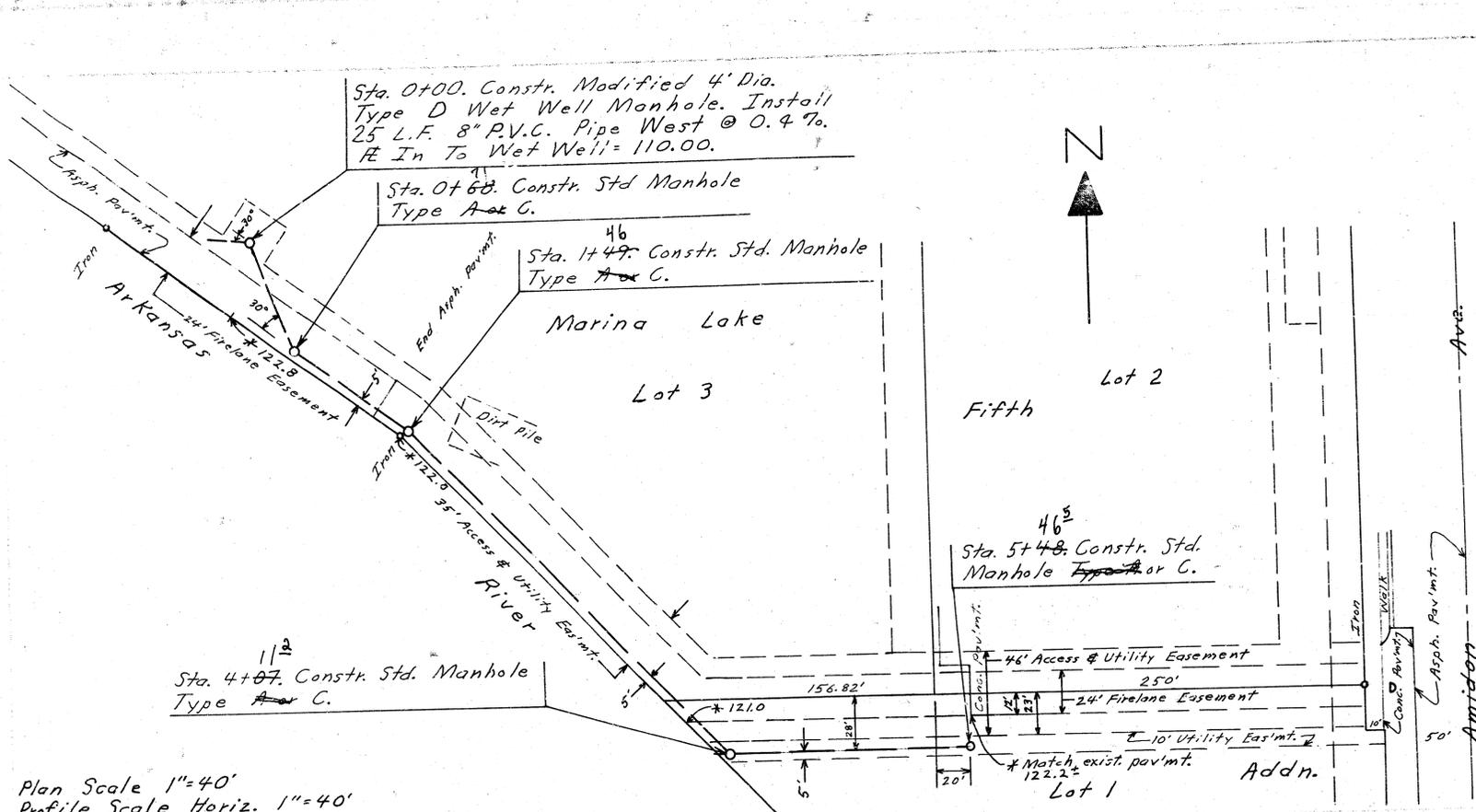
State of Kansas 2.S.S. The foregoing instrument was acknowledged before me, this day of \_\_\_\_\_, 1981 by Jay B. Samra, President and Fred H. Corner, Secretary of Marina Lake Drive, Inc.

My Comm. Exp. \_\_\_\_\_ John A. Dineley Notary Public

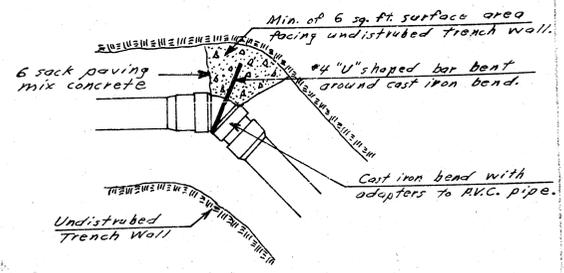
1" = 100'  
 Min. Pad Elev. = 1307.5 M.S.L. for office type uses  
 Min. Pad Elev. = 1310.5 M.S.L. for residential dwellings

Lot 12 8A S.S. # 22  
 Including Lift Station & Force Main  
 Proj. # 468-76-245-81128-000-001  
 Sh. # 2 of 6





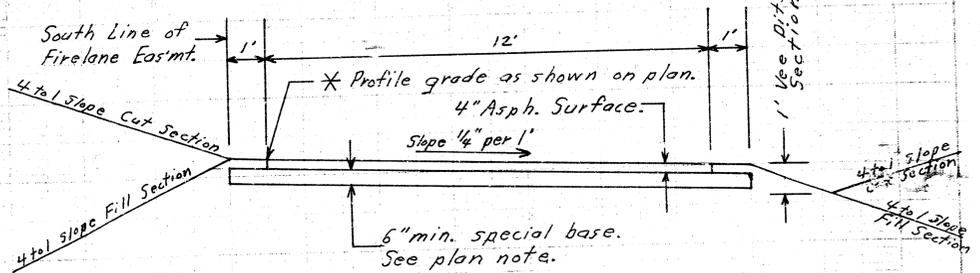
**FORCE MAIN DISCHARGE DETAIL**



**THRUST BLOCK DETAIL**

As B. 11-82  
J.L.L.

**ASPHALT DRIVE DETAIL**



NOTE: CONTRACTOR SHALL CONSTRUCT A NEW ASPHALT DRIVE FOR ACCESS FROM THE LIFT STATION SITE CONNECTING TO THE EXISTING CONCRETE PAVEMENT LOCATED APPROXIMATELY 16' NORTH OF MANHOLE STA. 5+48.

THE SIX INCH SPECIAL BASE FOR THE ASPHALT DRIVE SHALL BE CONSTRUCTED UTILIZING ASPHALTIC MATERIAL SALVAGED FROM THE ASPHALT FIRE LANE PAVEMENT REMOVAL OPERATION DESCRIBED IN A NOTE ON PLAN SHEET NO. 3. SUCH SALVAGED ASPHALTIC MATERIAL SHALL BE SPREAD IN A SIX INCH LAYER AS DETAILED IN THE ABOVE DRAWING USING METHODS WHICH WILL CRUSH AND/OR PULVERIZE THE MATERIAL SUCH THAT NO PARTICLES OF THE MATERIAL WILL EXCEED A DIAMETER OF 2". THE CRUSHING AND PULVERIZING OPERATION SHALL BE ACCOMPLISHED USING DISCING, RIPPING, ROLLING WITH A SHEEPSFOOT ROLLER, AND MANIPULATION WITH A MOTOR GRADER. SUFFICIENT PASSES MUST BE MADE WITH THE SHEEPSFOOT ROLLER OVER THE BASE MATERIAL TO ASSURE MAXIMUM COMPACTION. THE COMPLETED SURFACE OF THE SPECIAL BASE SHALL BE ROLLED WITH A HEAVY FLAT STEEL WHEELED ROLLER PRIOR TO CONSTRUCTING THE SURFACE COURSE. A TACK COAT OF CUT BACK OR EMULSIFIED ASPHALT SHALL BE APPLIED AT A RATE OF APPROXIMATELY 0.95 GALS./SQ. YD. BETWEEN LIFTS OF ASPHALT MATERIAL WHEN ORDERED BY THE ENGINEER. ALL COSTS FOR CONSTRUCTING THE ASPHALT DRIVE WITH SPECIAL BASE SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR THIS ITEM OF WORK.

FIELD ENGINEER MAY MAKE MINOR ADJUSTMENTS OF THE PLAN ASPHALT DRIVE PROFILE GRADES SHOULD HE DEEM NECESSARY TO CONFORM TO EXISTING SITE CONDITIONS.

Sht. # 4 of 6

Lot 128A S.S. #22  
Including Lift Station & Force Main  
Proj. No. 468-76-245-81128-000-000-001

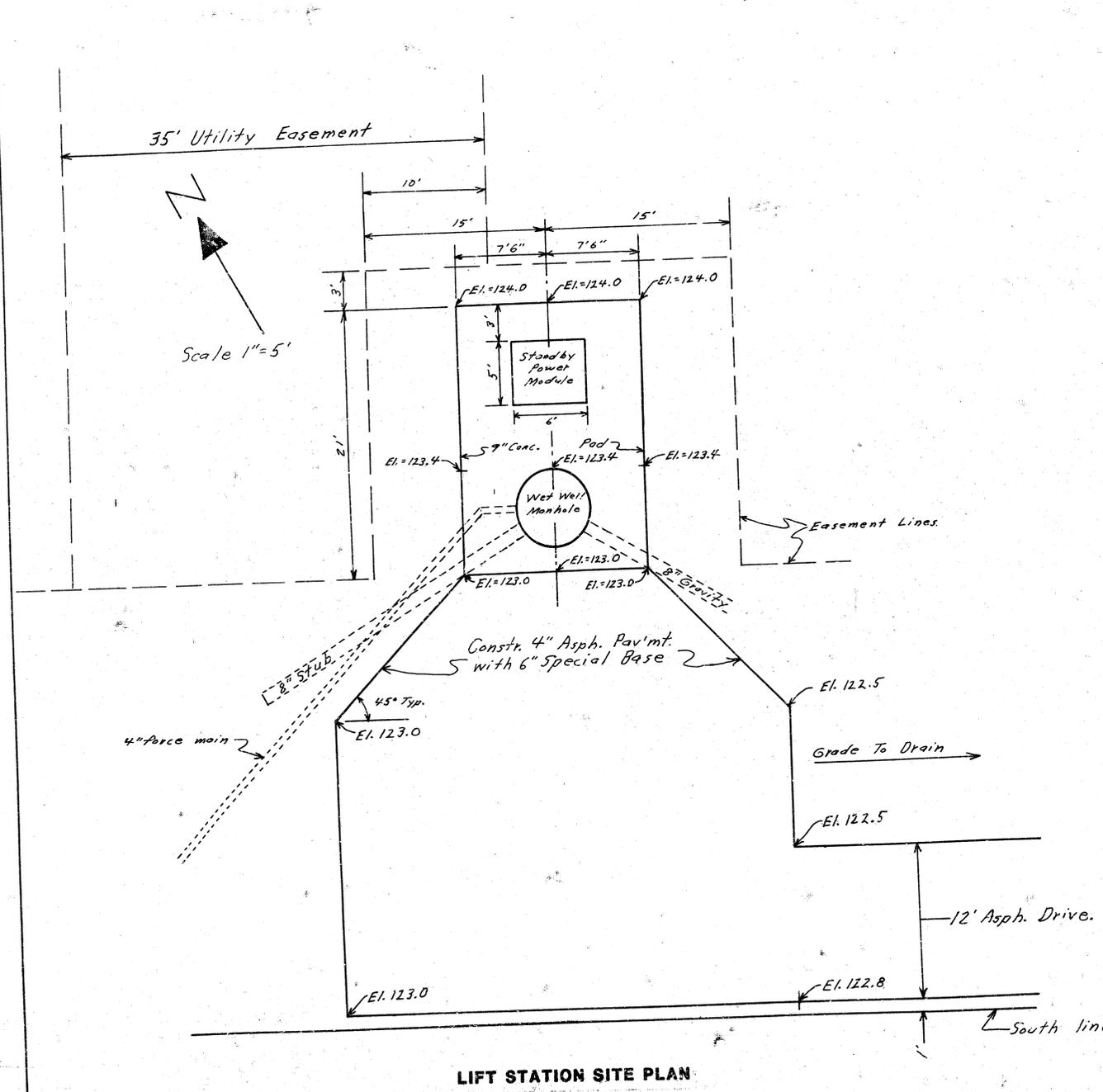
**GENERAL NOTES**

THE LUMP SUM PRICE BID FOR FURNISHING AND INSTALLING LIFT STATION WITH STANDBY POWER AND MISCELLANEOUS APPURTENANCES COMPLETE IN PLACE SHALL INCLUDE ALL COSTS FOR FURNISHING AND INSTALLING THE LIFT STATION AND STANDBY POWER MODULE AS INDICATED ON THE SITE PLAN COMPLETE IN PLACE AND IN OPERATION. SUCH LUMP SUM BID SHALL INCLUDE THE COST OF CONSTRUCTING AND/OR INSTALLING COMPACTED SUBGRADE, CONCRETE PAD, ASPHALT PAVEMENT, POWER POLE, ELECTRICAL CONDUIT, ELECTRICAL WIRING, DISCONNECT SWITCH, ELECTRICAL POWER SUPPLY, NATURAL GAS FUEL SUPPLY, FINISHED GRADING AND ANY OTHER INCIDENTALS NECESSARY TO COMPLETE THE WORK.

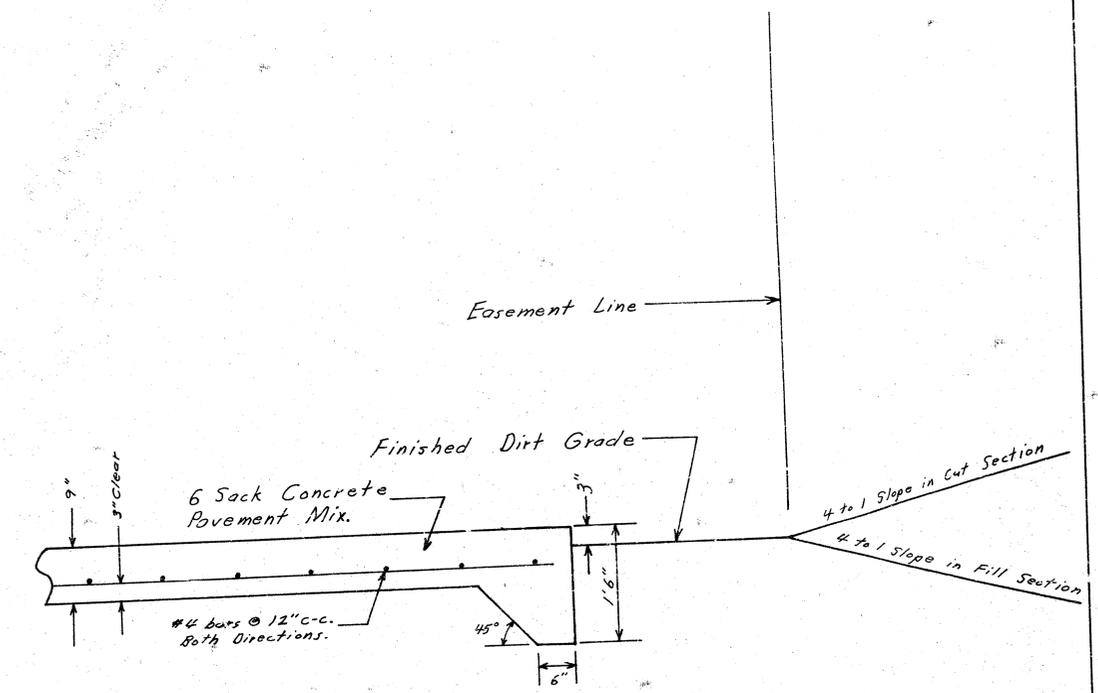
**GENERAL NOTES (CONT.)**

CONTRACTOR SHALL INSTALL A 10" X 12" CREOSOTED WOOD POWER POLE ON THE WEST SIDE OF THE LIFT STATION PAD IN A LOCATION APPROVED BY THE ENGINEER. POLE SHALL BE INSTALLED WITH 8' EXPOSED ABOVE GROUND. CONTRACTOR SHALL ALSO CONSTRUCT CONCRETE PAD FOR K.G. & E. TRANSFORMER ON THE WEST SIDE OF LIFT STATION CONCRETE PAD IN A LOCATION ALSO APPROVED BY THE ENGINEER. TRANSFORMER PAD SHALL BE CONSTRUCTED TO CONFORM WITH REQUIREMENTS OF K.G. & E.

ELECTRICAL POWER AND NATURAL GAS SUPPLY TO LIFT STATION SITE TO BE INSTALLED IN DEDICATED EASEMENT ALONG WEST SIDE OF LIFT STATION SITE. DEDICATED EASEMENT FOR ELECTRICAL POWER AND NATURAL GAS SUPPLY IS SHOWN ON PLAN SHEET NO. 2.



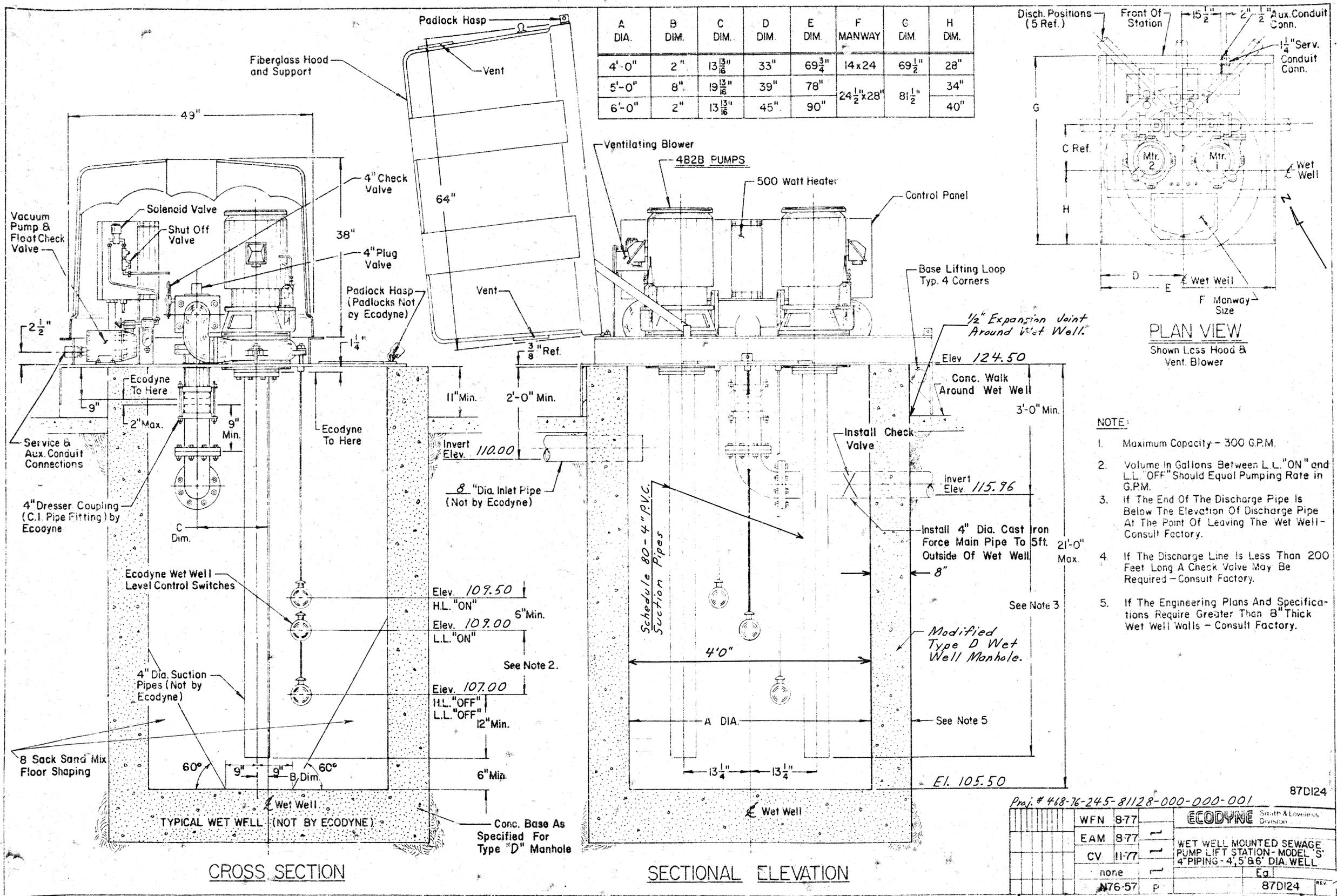
**LIFT STATION SITE PLAN**



**CONCRETE PAD DETAILS**

A 1 1/2" CONDUIT SHALL BE INSTALLED UNDERGROUND FROM THE LIFT STATION MODULE TO THE STANDBY POWER MODULE AND FROM THE STANDBY POWER MODULE TO THE DISCONNECT SWITCH LOCATED ON POWER POLE. A 3/4" CONDUIT SHALL BE INSTALLED UNDERGROUND BETWEEN THE LIFT STATION MODULE AND THE POWER POLE TO FACILITATE CONNECTION OF THE ALARM SYSTEM BY OTHERS. THE ELECTRICAL POWER SUPPLY TO THE METER BASE MUST ALSO BE UNDERGROUND. ALL ELECTRICAL WIRING SHALL CONFORM TO THE CITY OF WICHITA CODE.

Lot 128, S.S. # 22  
Including Lift Station & Force Main 5/6  
Proj. # 468-76-245-81128-000-001  
Sht. # 5 of 6



- NOTE:**
1. Maximum Capacity - 300 G.P.M.
  2. Volume in Gallons Between L.L. "ON" and L.L. "OFF" Should Equal Pumping Rate in G.P.M.
  3. If The End Of The Discharge Pipe Is Below The Elevation Of Discharge Pipe At The Point Of Leaving The Wet Well - Consult Factory.
  4. If The Discharge Line Is Less Than 200 Feet Long A Check Valve May Be Required - Consult Factory.
  5. If The Engineering Plans And Specifications Require Greater Than 8" Thick Wet Well Walls - Consult Factory.

Proj. # 48-76-245-81128-000-000-001

WFN	8-77	ECODYNE	Smith & Lovell's Division
EAM	8-77		
CV	11-77		
	none		
	176-57		

WET WELL MOUNTED SEWAGE PUMP LIFT STATION - MODEL S  
4" PIPING - 4, 5 & 6" DIA. WELL

Eq. 87DI24

Lat. 128<sup>th</sup> S.S. #22 Including Stationing For Main