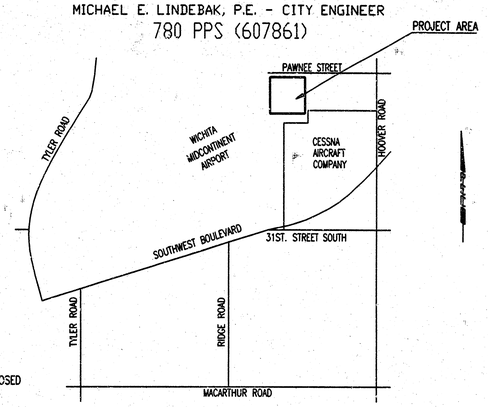
CONSTRUCTION PLANS FOR
STORM WATER SEWER
CESSNA AIRCRAFT COMPLETION CENTER
2617 SOUTH HOOVER ROAD

THE CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
780 PPS (607861)



LOCATION MAP

N-3364.55 E-2314.77
Storm Sewer Line 2 Sta. 1+53.83 = Storm Sewer Line 2A Sta. 0+00.00
Construct Reinforced Concreie Manhole Top = 1313.68
H = 4'-3" L = W = 5'-0", Hγ = 1'-6"
Install 18" x 140' Storm Sewar (PVC) (N) @ +0.30%
Install 15"x198' Storm Sewer (PVC) (S) @ +0.30%
℄ in (N) = 1308.97, ℄ in (S) = 1308.97
℄ out (W) = 1308.60

N-3506.30 E-2314.77
Storm Sewer Line 2A Sta. 1+41.83
℄ = 1309.39
Mark pipe per detail on CV1.4

N-3506.05 E-2592.52
Storm Sewer Line 1A Sta. 2+57.24
Plug 18" PVC
℄ = 1308.83
Mark pipe per detail on CV1.4

N-3388.14 E-2124.77
Construct Type I Area Inlet
Top = 1307.08. Connect to exist. 60" RCP. Contractor to verify location of exist. 60" RCP. Notify Engineer of deviations from plan.
See Sh. No. CV5.3
Install Silt Fence Inlet Protection

N-3364.55 E-2150.94
Storm Sewer Line 2 Sta. 0+00.00
Install 24" x 162' Storm Sewer (RCP) (E) @ +0.64% w/ End Section
℄ = 1307.56
Install 4 S.Y. Stone Riprop
D_{50} = 6"

N-3164.97 E-2314.77
Storm Sewer Line 2 Sta. 3+63.41
Install 10"x103' Storm Sewer (PVC) (S) @ +0.30%
℄ = 1309.56

N-3061.97 E-2314.77
Storm Sewer Line 2 Sta. 4+66.41
Plug 10" PVC, ℄ = 1309.87
Mark pipe per detail on CV1.4

N-3098.35 E-2592.52
Storm Sewer Line 1 Sta. 1+50.46
Construct Trench Inlet
Top = 1309.80
Install 18"x181' Storm Sewer (PVC) (SE) @ +0.38%
℄ in (SE) = 1305.00
℄ out (N) = 1304.68

N-2934.35 E-2667.52
Storm Sewer Line 1 Sta. 3+30.80
Construct Type II Area Inlet, Top = 1308.00
℄ out (NW) = 1305.69
See Sh. No. CV5.4.
Install Silt Fence Inlet Protection

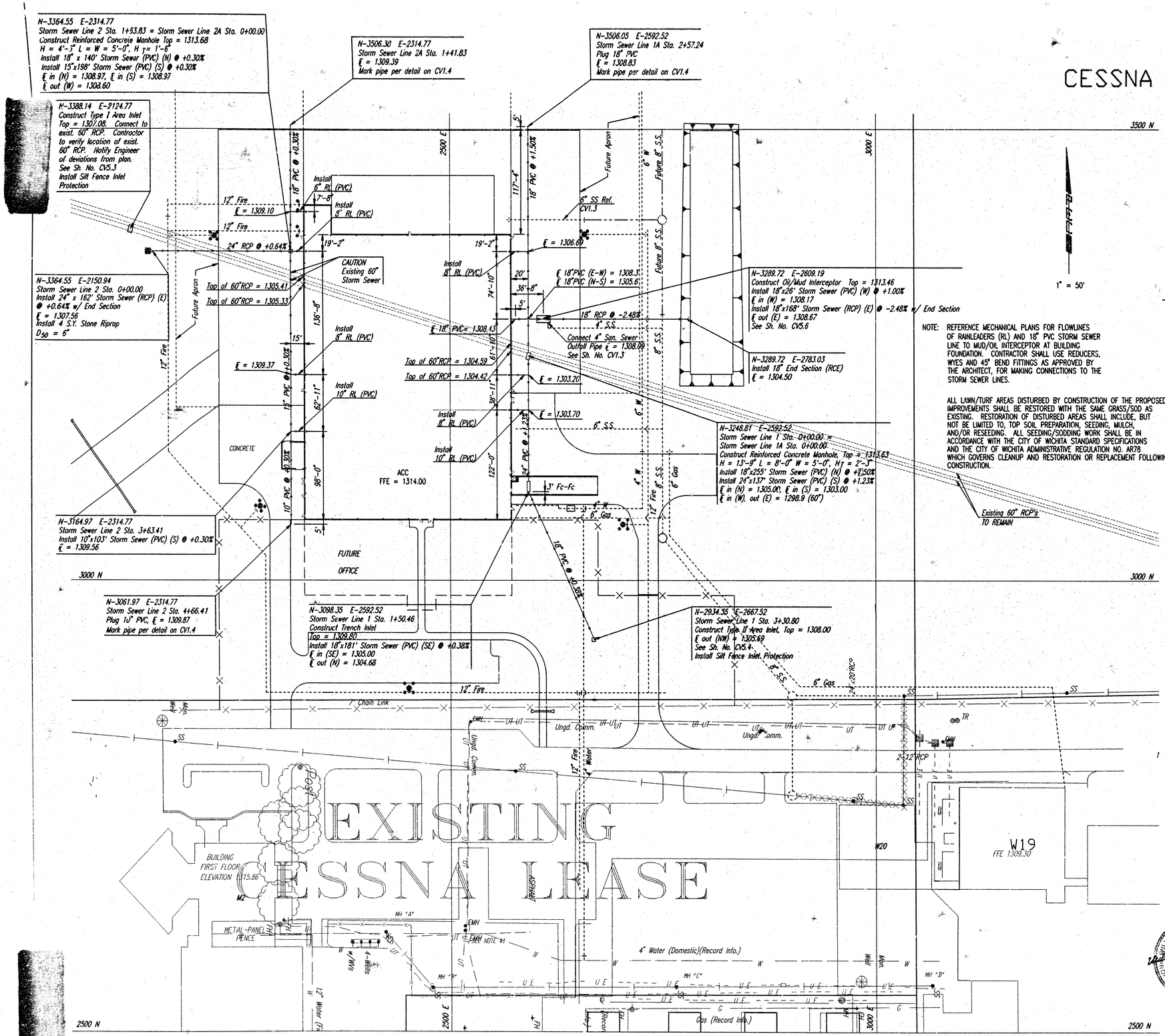
N-3289.72 E-2609.19
Construct Oil/Mud Interceptor Top = 1313.46
Install 18"x26' Storm Sewer (PVC) (W) @ +1.00%
℄ in (W) = 1308.17
Install 18"x168' Storm Sewer (RCP) (E) @ -2.48% w/ End Section
℄ out (E) = 1308.67
See Sh. No. CV5.6

N-3289.72 E-2783.03
Install 18" End Section (RCE)
℄ = 1304.50

N-3248.81 E-2592.52
Storm Sewer Line 1 Sta. 0+00.00 = Storm Sewer Line 1A Sta. 0+00.00
Construct Reinforced Concrete Manhole, Top = 1313.63
H = 13'-9" L = 8'-0" W = 5'-0", Hγ = 2'-3"
Install 18"x255' Storm Sewer (PVC) (N) @ +1.50%
Install 24"x137' Storm Sewer (PVC) (S) @ +1.23%
℄ in (N) = 1305.00, ℄ in (S) = 1303.00
℄ in (W), out (E) = 1298.9 (60")

NOTE: REFERENCE MECHANICAL PLANS FOR FLOWLINES OF RAINLEADERS (RL) AND 18" PVC STORM SEWER LINE TO MUD/OIL INTERCEPTOR AT BUILDING FOUNDATION. CONTRACTOR SHALL USE REDUCERS, WYES AND 45° BEND FITTINGS AS APPROVED BY THE ARCHITECT, FOR MAKING CONNECTIONS TO THE STORM SEWER LINES.

ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SEEDING, MULCH, AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AR78 WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION.



HORIZONTAL CONTROL POINT NO. 1
N-3,000.0000, E-3,000.0000. 1/2" IRON BAR

HORIZONTAL CONTROL POINT NO. 2
N-4,069.3709, E-3,000.0000. 1/2" IRON BAR

BENCH MARK:
CITY OF WICHITA DISK,
SE QUADRANT OF INTERSECTION
OF PAWNEE AND HOOVER
CENTER OF INTERSECTION
ELEVATION: 1295.59 (NAVD29)

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Storm Sewers VRH 2/25/98

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM CONTRACTED BY THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

WILLIAM DAVID HOLLAND
1133
2/23/98
KANSAS
REGISTERED PROFESSIONAL ENGINEER

No.	Revision	By	Date

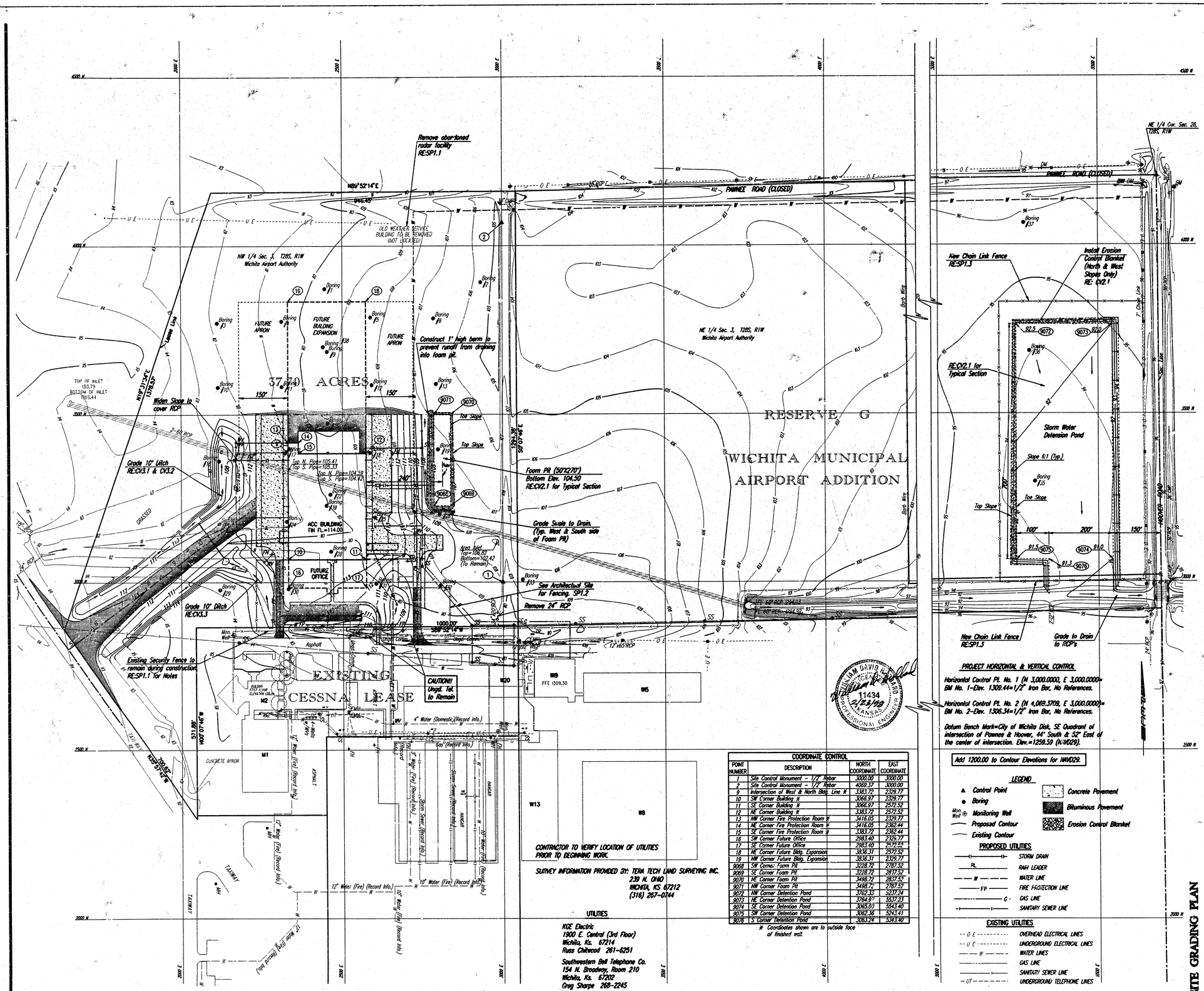
STORM WATER SEWER

CESSNA AIRCRAFT COMPLETION CENTER

MICHAEL E. LINDEBAK, P.E.- CITY ENGINEER
CITY OF WICHITA PRIVATE PROJECT 780 PPS (607861)

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by DH	Job No. 32-97C28	Sht. 1 of 2
Drawn by DMM	Date January 1998	



COORDINATE CONTROL			
POINT NUMBER	DESCRIPTION	NORTH COORDINATE	EAST COORDINATE
1	Site Control Monument - 1/2" Rebar	3000.00	3000.00
2	Site Control Monument - 1/2" Rebar	4068.37	3000.00
9	Intersection of West & North Bldg. Line *	3383.72	2329.77
10	SW Corner Building *	3066.97	2329.77
11	SE Corner Building *	3066.97	2572.52
12	NE Corner Building *	3383.72	2572.52
13	NW Corner Fire Protection Room *	3416.05	2329.77
14	NE Corner Fire Protection Room *	3416.05	2362.44
15	SE Corner Fire Protection Room *	3383.72	2362.44
16	SW Corner Future Office	2983.40	2329.77
17	SE Corner Future Office	2983.40	2572.52
18	NE Corner Future Bldg. Expansion	3836.31	2572.52
19	NW Corner Future Bldg. Expansion	3836.31	2329.77
9068	SW Corner Foam Pit	3228.72	2787.52
9069	SE Corner Foam Pit	3228.72	2837.52
9070	NE Corner Foam Pit	3498.72	2837.52
9071	NW Corner Foam Pit	3498.72	2787.52
9072	NW Corner Detention Pond	3762.33	3237.24
9073	NE Corner Detention Pond	3764.97	5537.23
9074	SE Corner Detention Pond	3065.01	5543.40
9075	SW Corner Detention Pond	3062.36	5243.41
9076	S. Corner Detention Pond	3063.24	5343.40

* Coordinates shown are to outside face of finished wall.

THE CESSNA AIRCRAFT COMPANY
AIRCRAFT COMPLETION CENTER
MID-CONTINENT FACILITY
WICHITA, KANSAS

McCLUGGAGE VAN SICKLE & PERRY
ARCHITECTS · PLANNERS · LANDSCAPE ARCHITECTS
125 S. WASHINGTON WICHITA, KANSAS 67202
P.O. BOX 240 WICHITA, KANSAS 67201
TEL. 316-262-1436 · FAX 316-262-1468

PROFESSIONAL ENGINEERING CONSULTANTS
245 S. Topeka, Wichita, Kansas 67202
316-262-2611

PROJECT NO. 9757
DATE: FEB. 23, 1998
REVISED

PHASE I
2/2

SITE GRADING PLAN

J:\1997\97028\surveys.dgn
Drawn by: JSB
Plotted by: gdr 2-23-98