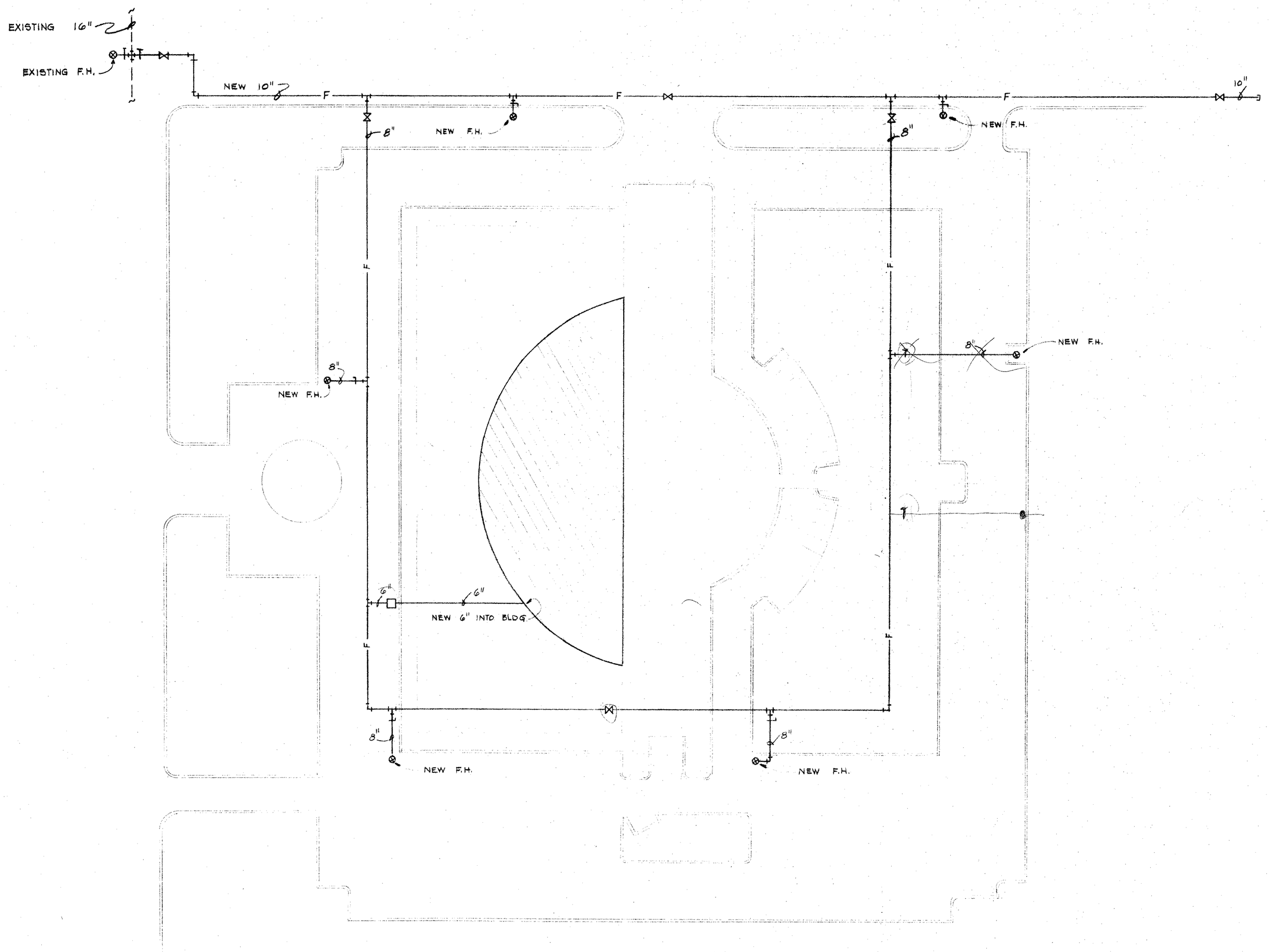


SITE PLAN - FIRE LOOP

SCALE 1" = 40'-0"

REV. NO.	DATE	DESCRIPTION	REV. BY

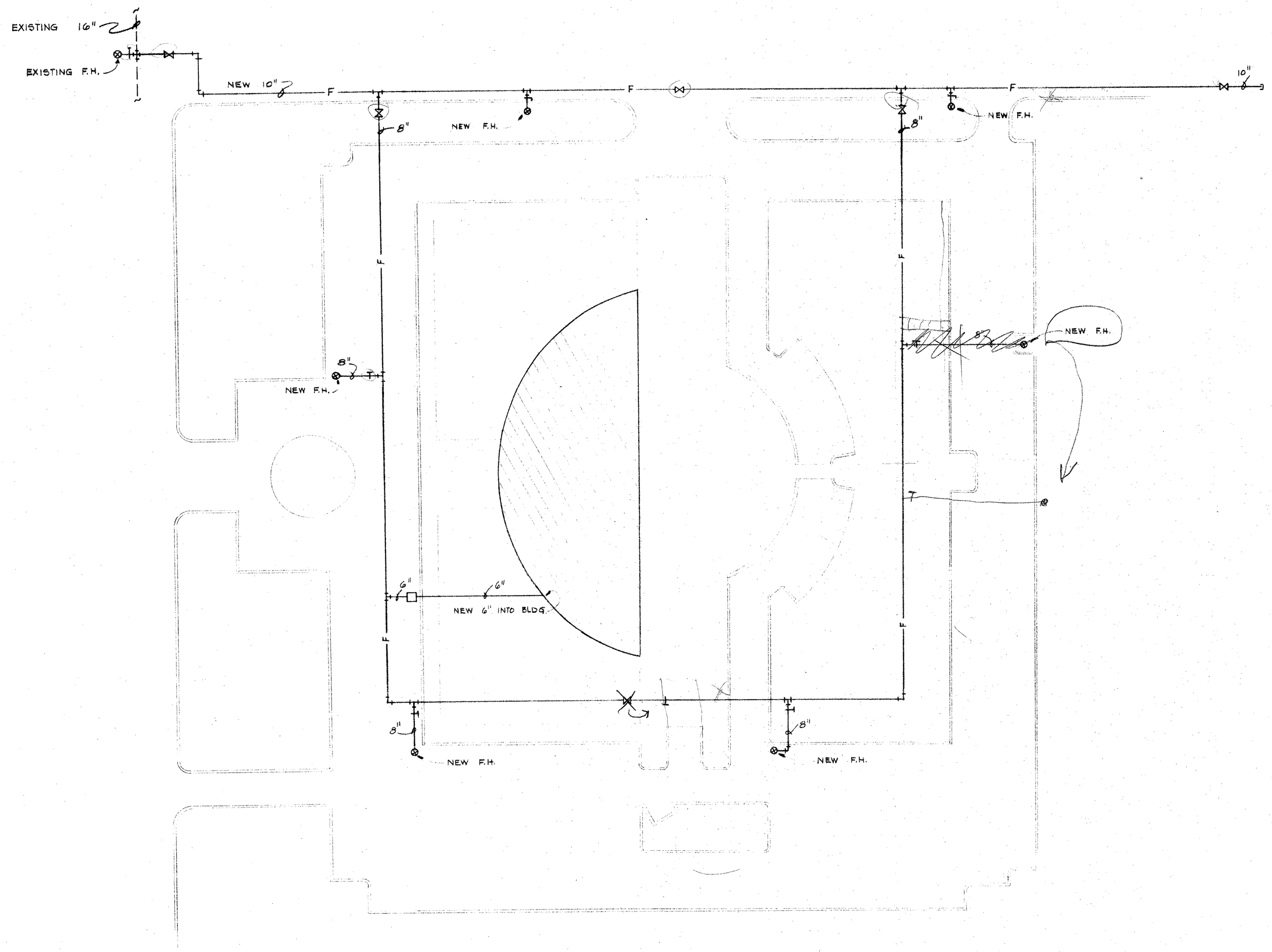
NATIONAL MECHANICAL CORPORATION
P. O. Box 402325
Dallas, Texas 75240
(214) 386-5200

STATE OF TEXAS — WALTER E. CASH — 21098 — REGISTERED PROFESSIONAL ENGINEER

JOB NAME: LIBERTY CORPORATION

DESCRIPTION: SITE PLAN - FIRE LOOP

DRAWN BY	SCALE	JOB NO.	DRWG. NO.
RD	AS SHOWN	8005	F-1
APPROVED BY	DATE		
RD	4/14/81		



SITE PLAN - FIRE LOOP

SCALE 1" = 40'-0"

REV. NO.	DATE	DESCRIPTION	REV. BY

NATIONAL MECHANICAL CORPORATION
P. O. Box 402325
Dallas, Texas 75240
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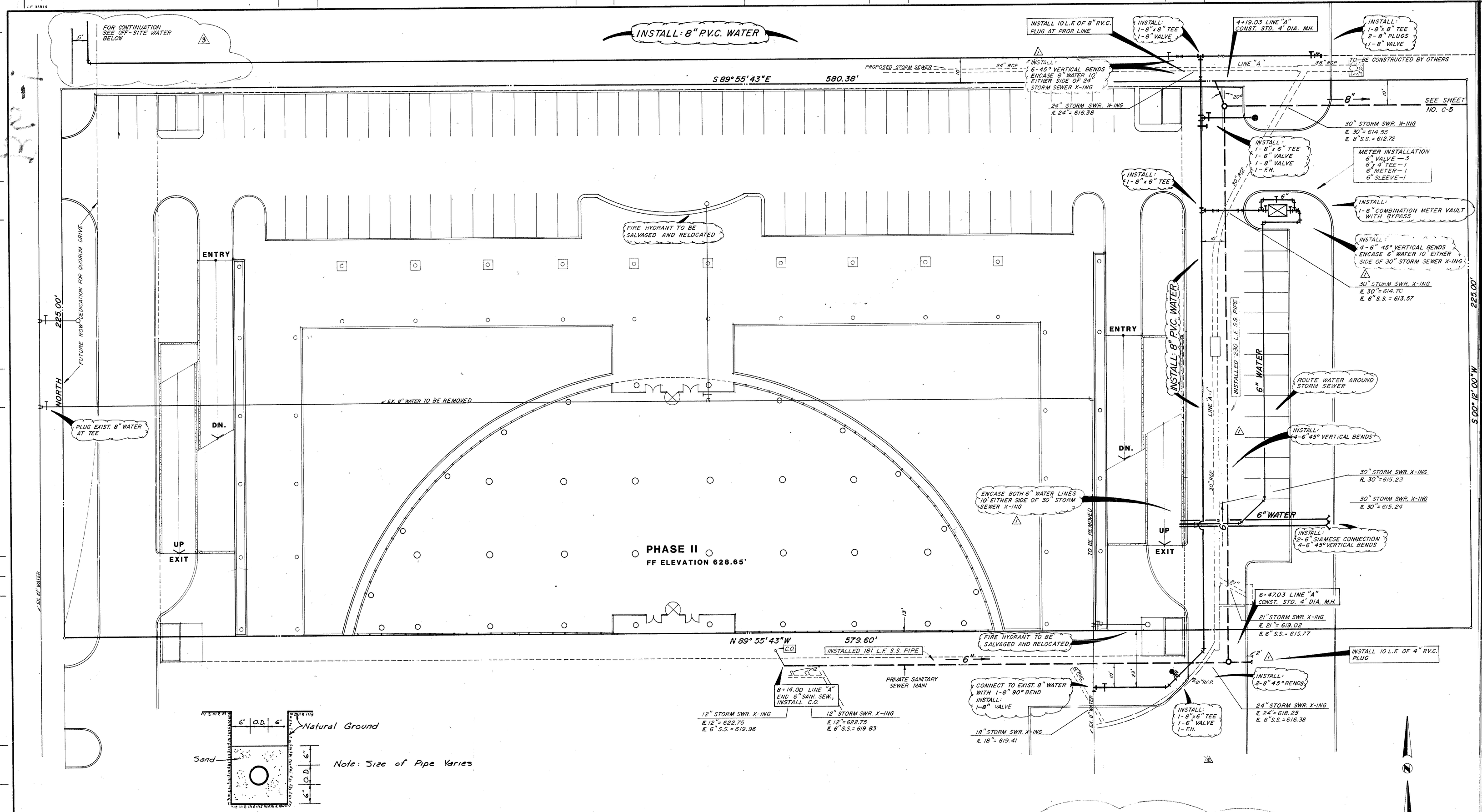
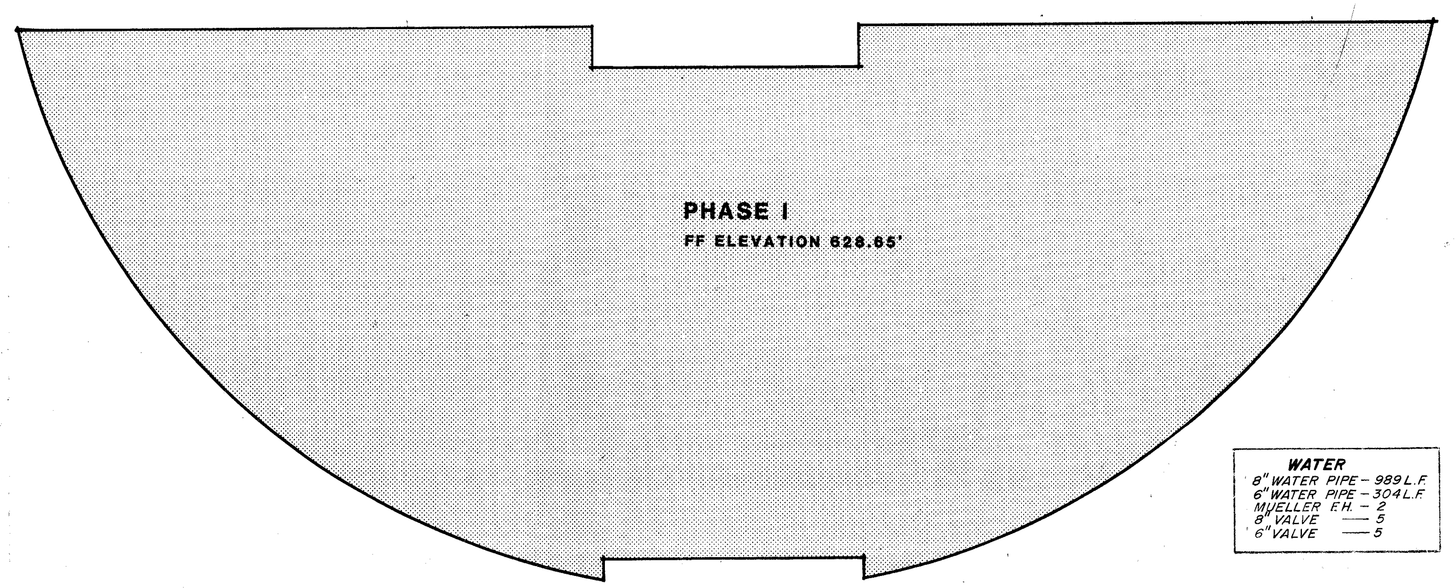
JOB NAME: LIBERTY CORPORATION

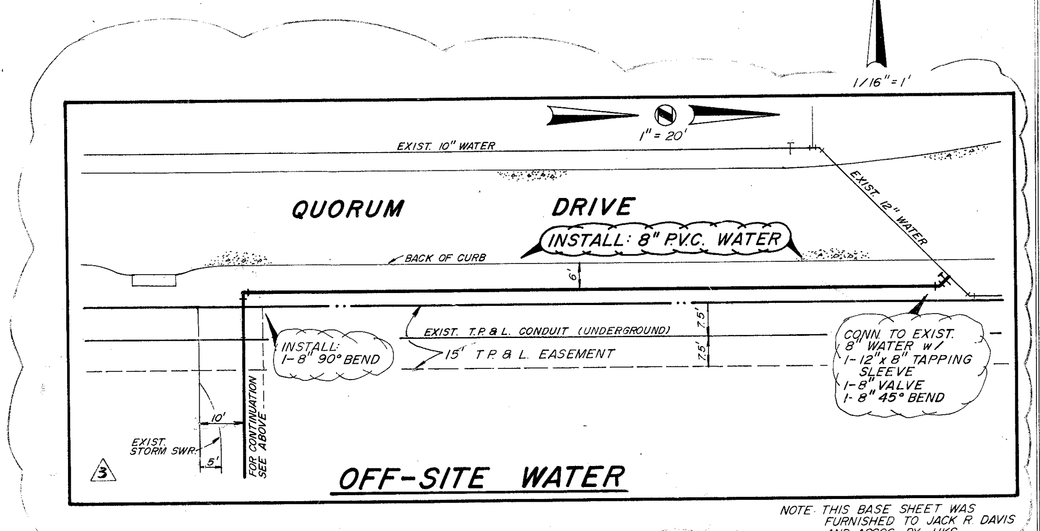
DESCRIPTION: SITE PLAN - FIRE LOOP

DRAWN BY: RD	SCALE: AS SHOWN	JOB NO. 8005	DRWG. NO.: F-1
APPROVED BY: RD	DATE: 4/14/81		



TYPICAL WATER AND SANI. SEWER EMBEDMENT DETAIL
N.T.S.





NOTE: THIS BASE SHEET WAS FURNISHED TO JACK R. DAVIS AND ASSOC. BY HKS.

BENCHMARK:
SQUARE CUT ON TOP OF CURB OF ISL. IN N.E. CORNER OF LIBERTY PLAZA
ELEV.- 622.15

WATER AND SANITARY SEWER
GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF ADDISON STANDARDS AND SPECIFICATIONS.
2. ALL WATER MAINS SHALL BE PVC SDR-18 WATER PIPE (BLUE BRUTE WITH WIRE TRACERS). TRACER TO BE #12 INSULATED COPPER.
3. ALL WATER MAINS SHALL HAVE MINIMUM COVER BELOW FINISHED GRADES AS FOLLOWS: 6" & 8" - 48" OR AS REQUIRED TO CLEAR OTHER UTILITIES.
4. ALL SEWER MAINS SHALL BE PVC SDR-35 SANITARY SEWER PIPE.
5. ALL PIPE EMBEDMENT SHALL BE AS DETAILED ON THIS SHEET.
6. ALL TEES, CONNECTIONS, BENDS, DEAD-ENDS, FIRE HYDRANTS, ETC., SHALL BE SECURELY BLOCKED AGAINST TRENCH WALLS USING 2000 PSI CONCRETE.
7. ALL TRENCH BACKFILL FOR THESE UTILITIES SHALL BE COMPACTED AS REQUIRED BY CITY, BUT IN NO CASE SHALL THE TOP 12" BE COMPACTED TO LESS THAN 90% AASHO DENSITY WITH THE REMAINDER OF THE DITCH BEING COMPACTED TO THAT OF ADJOINING SOIL CONDITIONS.
8. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING WORK AND SHALL PROTECT EXISTING IMPROVEMENTS DURING CONSTRUCITON.
9. THE CONTRACTOR SHALL INCLUDE IN HIS BID PRICE ALL COSTS OF UTILITY CONNECTIONS, TAP FEES AND THE TESTING OF NEW MAINS REQUIRED BY THE CITY OF ADDISON TO COMPLETE THE WORK WHETHER THESE SERVICES ARE PERFORMED BY THE CONTRACTOR OR BY OTHERS.

WATER

8" WATER PIPE	989 L.F.
6" WATER PIPE	304 L.F.
MUELLER F.H.	2
8" VALVE	5
6" VALVE	5

AS-BUILT DATE: 1/13/86

JACK R. DAVIS & associates, inc.
consulting civil engineers & surveyors
2902 Carlisle Street Dallas, Texas 75204

HARWOOD K. SMITH & PARTNERS
Architects, Engineers, Planners
1111 Plaza of the Americas North, LB 307
Dallas, Texas 75201 214/748-5261
HKS

t.t. stone companies dallas, texas

liberty plaza

Job No:

Revisions: (8/20/84)
1 ADDENDUM # 2
2 PC # 15 REVISED STM SWR., GRADING & WTR. LINE LOCATION 10-15-85
3 12-4-85 REVISE WATER

Sheet Title: WATER AND SANITARY SEWER PLAN

Date: 7-30-84

Drawn:

Sheet No: C 4 of sheets

C 84170

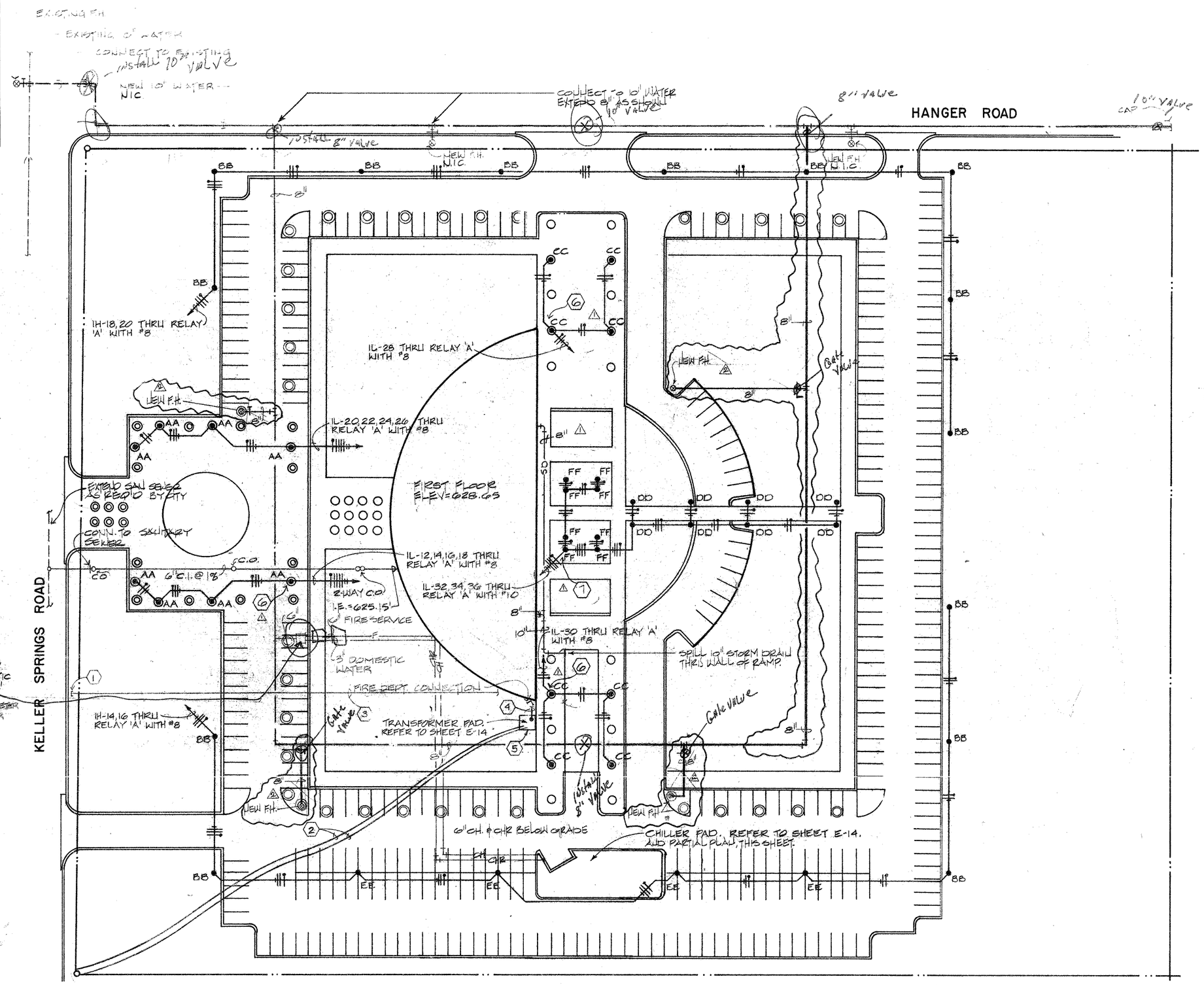
LIGHT FIXTURE SCHEDULE

AA	STERNER #N1-19-F-49-840-1-120-D/RSA09-R-D-N, BLACK FINISH WITH DIODE FOR EACH LAMP, 10 FOOT TILTING POLE.	32-40 WATT INCANDESCENT
BB	KIM #B1-202/BL-E/PB14-3108HB/BL-E/BMV-233, FOURTEEN FOOT TILTING POLE.	250 WATT BRIGHT WHITE DELUXE MERCURY VAPOR
CC	STERNER #N1-19-F-N-840-1-120-D/RSA07-R-D-N, BLACK FINISH WITH DIODE FOR EACH LAMP, 10 FOOT TILTING POLE.	8-40 WATT INCANDESCENT
DD	LIGHTOLIER #LCG-5316, 42" HIGH BOLLARD, BLACK FINISH.	100 WATT A-23 MERCURY VAPOR BRIGHT WHITE DELUXE
EE	SAME AS TYPE 'BB', EXCEPT TWELVE FOOT TILTING BLACK POLE. PIER SHALL EXTEND 24" UP ABOVE PAVEMENT.	250 WATT BRIGHT WHITE DELUXE MERCURY
FF	HUBBELL #309-8/1338, LOCATED AS DIRECTED ON THE JOB SITE, BLACK FINISH.	100 WATT PAR 38 BLACKLIGHT MERCURY

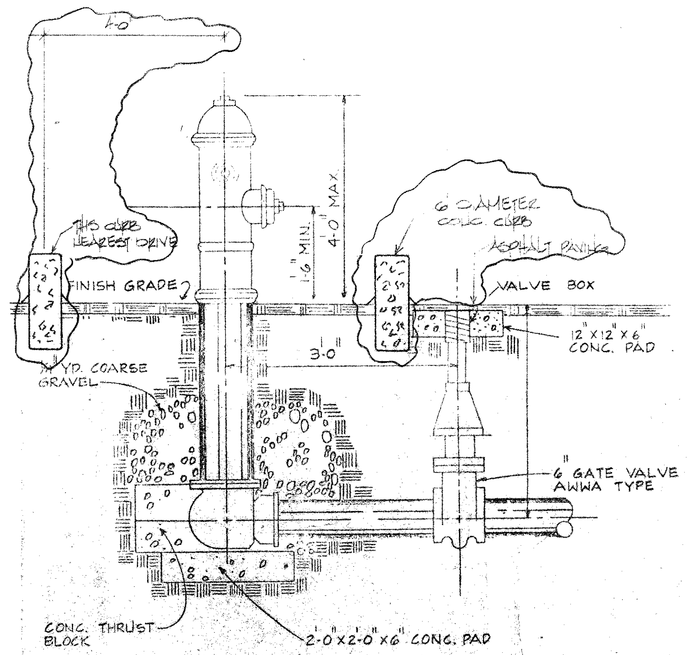
EXISTING 10" WATER

NOTES BY SYMBOL "⬡"

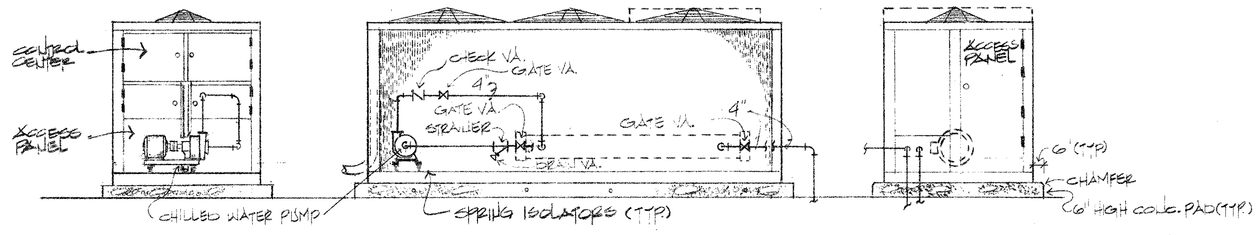
1. STUB CONDUITS OUT AT PROPERTY LINE TO TELEPHONE CO. REQUIREMENTS.
2. UNDERGROUND PRIMARY BY ELECTRIC UTILITY COMPANY. VERIFY EXACT LOCATION.
3. 2-4" PVC FOR TELEPHONE COMPANY.
4. 6-3½" CONDUITS, EACH WITH 3-500 MCM AND 1-#3/0 NEUTRAL.
5. PAD MOUNTED TRANSFORMER BY ELECTRIC UTILITY CO.
6. INSTALL WP DUPLEX RECEPTACLES IN BOLE BASE OF THIS FIXTURE & EXTEND 2#12 TO 10-20/1 CIRCUIT BREAKER IN PANEL 'IL'. USE EXISTING CONDUIT WHERE FEASIBLE.
7. INSTALL WP DUPLEX RECEPTACLE ADJACENT TO LIGHT FIXTURE & EXTEND 2#12 IN EXISTING CONDUIT TO 20/1 CIRCUIT BREAKER IN PANEL 'IL'



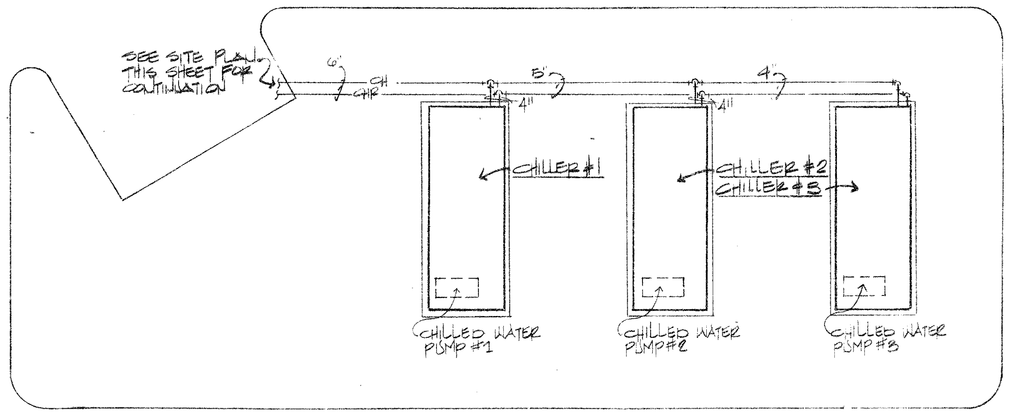
SITE PLAN
SCALE: 1"=40



FIRE HYDRANT DETAIL
NO SCALE



CHILLER & PUMP DETAIL
SCALE: 1/4"=1'-0"



PARTIAL PLAN - MECHANICAL CHILLERS
SCALE: 1/8"=1'-0"

MECHANICAL SYMBOLS LEGEND

ALL SYMBOLS NOT NECESSARILY USED

SYMBOL	DESCRIPTION
	COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
HS	HEATING WATER SUPPLY
HR	HEATING WATER RETURN
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
CS	CONDENSER WATER SUPPLY
CR	CONDENSER WATER RETURN
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
D	DRAIN
G	GAS
	WASTE
	SANITARY VENT
SD	STORM DRAIN
	STEAM SUPPLY
	GRAVITY CONDENSATE RETURN
	PUMPED CONDENSATE RETURN
F	FIRE LINE
A	COMPRESSED AIR
	GATE VALVE
	CHECK VALVE
	BALANCE COCK
	STRAINER
	UNION
	THERMOSTAT
	THERMOMETER
	GAUGE COCK
HB	HOSE BIBB
WH	WALL HYDRANT
BH	BOX HYDRANT
DS	DOWNSPOUT
FD	FLOOR DRAIN
RD	ROOF DRAIN
HD	HUB DRAIN
VTR	VENT THRU ROOF
CO	CLEAN OUT

Dale Roby
386-5200

Called on to Butler on 3-1-81
Wayne Sudan
748-5261

CITY OF ADDISON
APPROVED
1-20-81

Harwood K Smith & Partners Inc
Architects Engineers Planners
2900 Southland Center Dallas Texas 75201
George R ~~Richie~~ Harwood K Smith
John M Bame Ronald M Brame
J Wade Driver Jr Jack R Yardley
Paul M Terrill Jr
Ronald L Skaggs
C Joe Buskuhl
Jack M Nottingham

Liberty Corporation - Phase I

United Fidelity Insurance Company Home Office Building

Keller Springs Road

Addison, Texas

REVISIONS

PC #16	9-8-80
PC #20	10-15-80
PC #22	1-22-81

DATE 7-8-80

SHEET NUMBER

ME-1

OF 48 SHEETS

LIGHT FIXTURE SCHEDULE

AA	STERNER #N1-19-F-49-840-1-120-D/RSA08-R-D-N, BLACK FINISH WITH DIODE FOR EACH LAMP, 10 FOOT TILTING POLE.	32-40 WATT INCANDESCENT
BB	KIM #B1-202/BL-E/PB14-3188HB/BL-E/BMV-233, FOURTEEN FOOT TILTING POLE.	250 WATT BRIGHT WHITE DELUXE MERCURY VAPOR
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EE	SAME AS TYPE 'BB', EXCEPT TWELVE FOOT TILTING BLACK POLE. PIER SHALL EXTEND 24" UP ABOVE PAVEMENT.	250 WATT BRIGHT WHITE DELUXE MERCURY
FF	HUBBELL #309-B/1338, LOCATED AS DIRECTED ON THE JOB SITE, BLACK FINISH.	300 WATT PAR 38 BLACKLIGHT MERCURY

EXISTING 10" WATER

NOTES BY SYMBOL "⬡"

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6. INSTALL WP DUPLEX RECEPTACLES IN POLE BASE OF THIS FIXTURE & EXTEND 2#10 TO 20/1 CIRCUIT BREAKER IN PANEL 'L'. USE EXISTING CONDUIT WHERE POSSIBLE.
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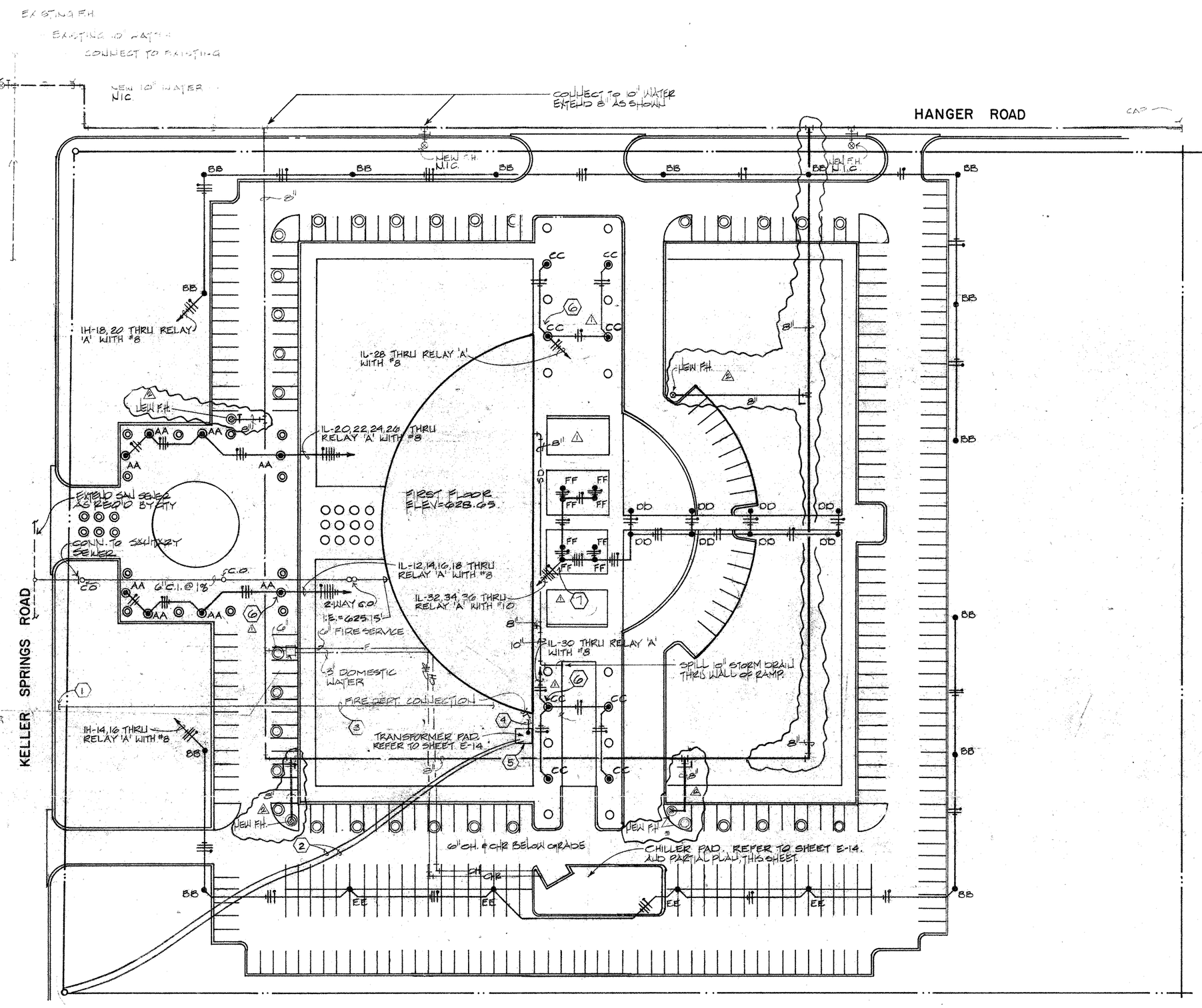
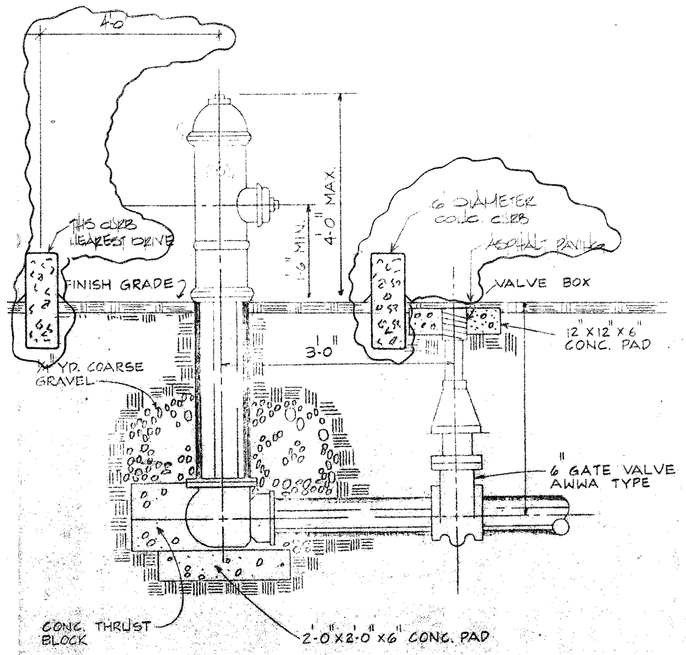
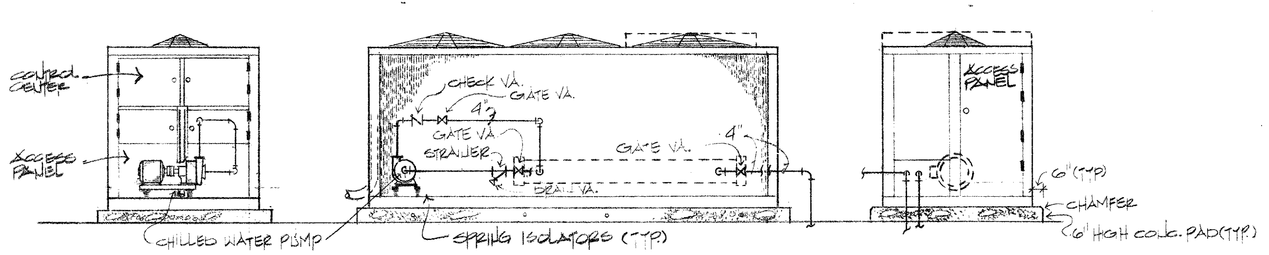


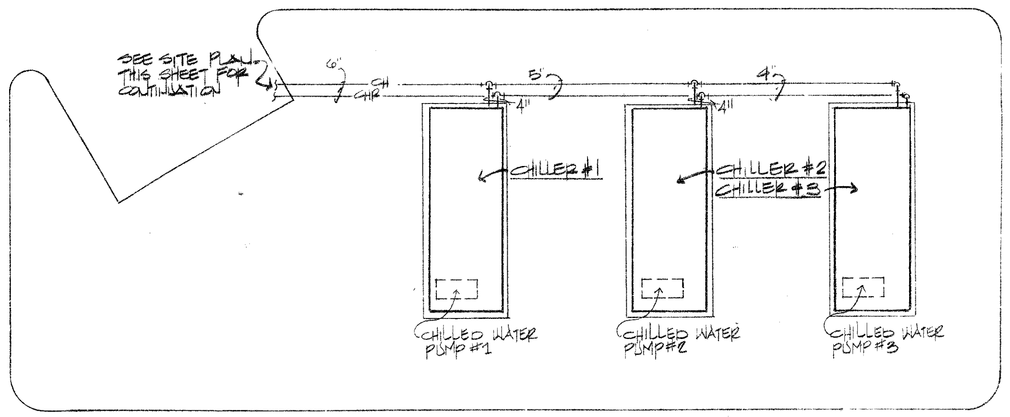
SITE PLAN
SCALE: 1"=40



FIRE HYDRANT DETAIL
NO SCALE



CHILLER & PUMP DETAIL
SCALE: 1/4"=1'-0"



PARTIAL PLAN - MECHANICAL CHILLERS
SCALE: 1/8"=1'-0"

MECHANICAL SYMBOLS LEGEND

ALL SYMBOLS NOT NECESSARILY USED

SYMBOL	DESCRIPTION
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	DOMESTIC HOT WATER
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	WASTE
	SANITARY VENT
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	STEAM SUPPLY
	GRAVITY CONDENSATE RETURN
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A	COMPRESSED AIR
	GATE VALVE
	CHECK VALVE
	BALANCE COCK
	STRAINER
	UNION
	THERMOSTAT
	THERMOMETER
	GAUGE COCK
HB	HOSE BIBB
WH	WALL HYDRANT
BH	BOX HYDRANT
DS	DOWNSPOUT
FD	FLOOR DRAIN
RD	ROOF DRAIN
HD	HUB DRAIN
VTR	VENT THRU ROOF
CO	CLEAN OUT

HKS

Harwood K Smith & Partners Inc
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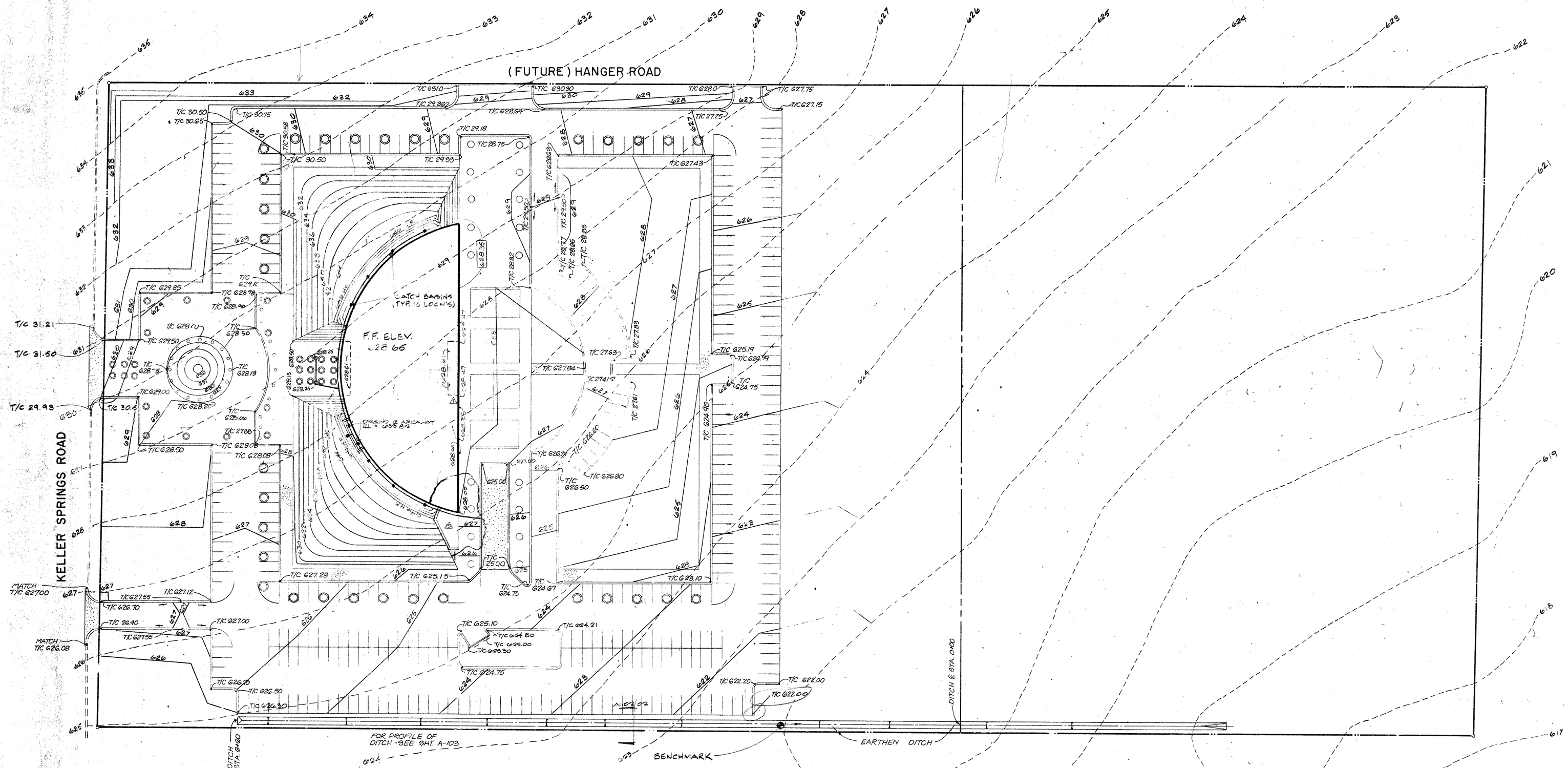
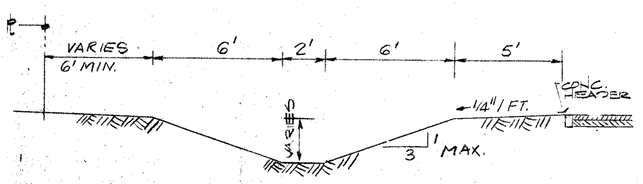
Liberty Corporation - Phase I
United Fidelity Insurance Company Home Office Building
Keller Springs Road
Addison, Texas

REVISIONS
PC #10 9-8-80
PC #20 9-27-80
PC #30 10-22-80

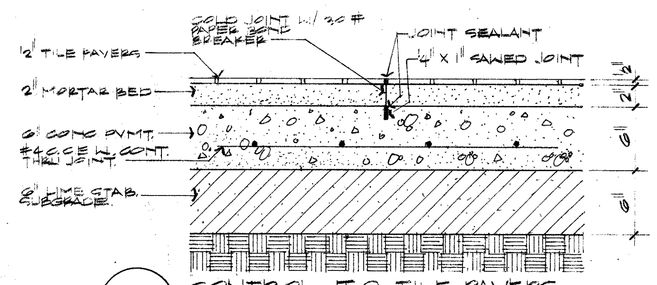
DATE 7-30-80
SHEET NUMBER
ME-1
OF 16 SHEETS



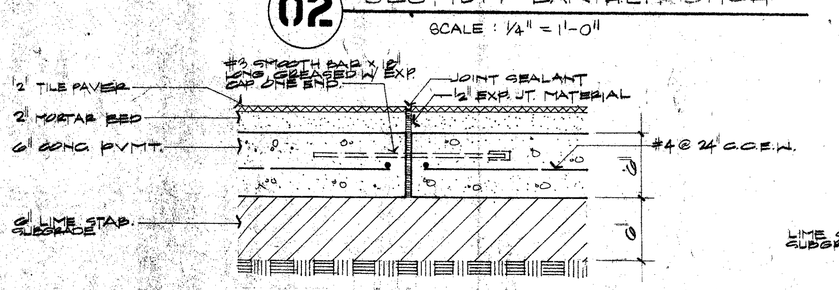
01 GRADING PLAN
SCALE: 1" = 40'



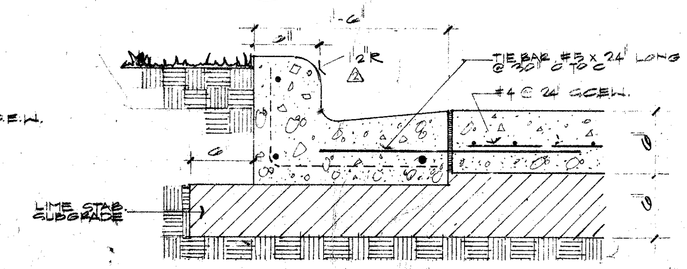
02 SECTION - EARTHEN DITCH
SCALE: 1/4" = 1'-0"



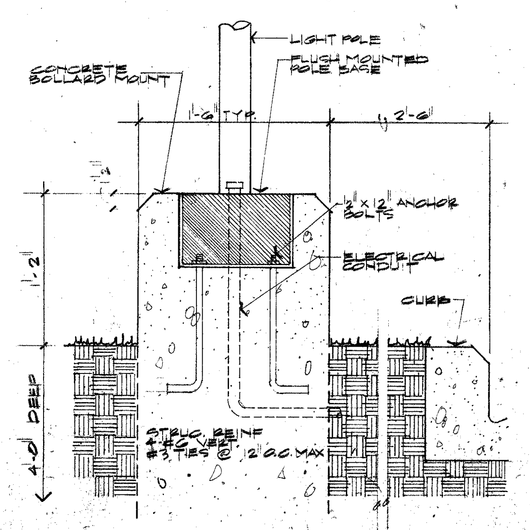
04 CONTROL JT. @ TILE PAVERS
SCALE: 1/2" = 1'-0"



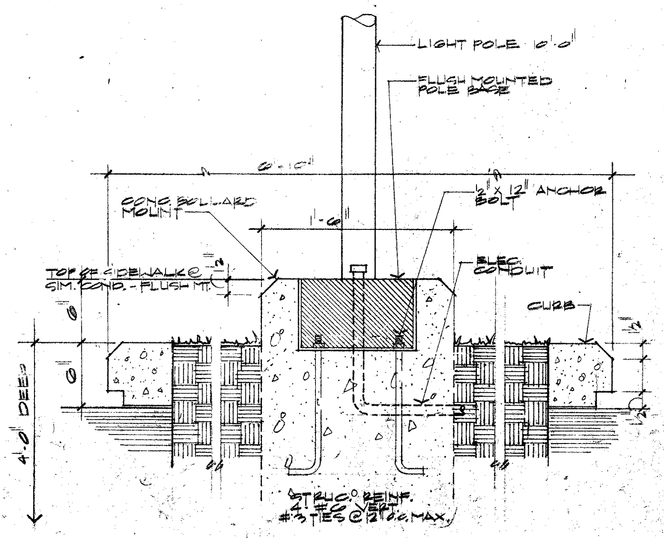
03 EXPANSION JT @ TILE PAVERS
SCALE: 1/2" = 1'-0"



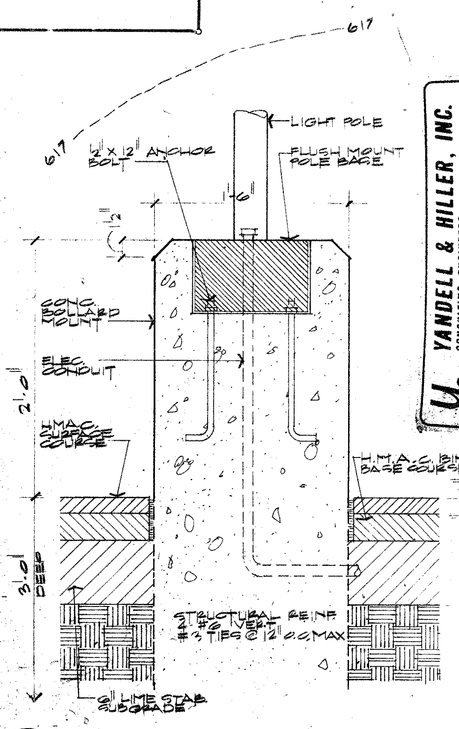
05 SECTION - CONCRETE PAVING
SCALE: 1/2" = 1'-0"



06 LIGHT FIXTURE BB @ CURB
SCALE: 1/2" = 1'-0"



07 LIGHT FIXTURE AA @ PLANTER ISLAND
SCALE: 1/2" = 1'-0"



08 LIGHT FIXTURE CC @ PARKING
SCALE: 1/2" = 1'-0"

YANDELL & HILLER, INC.
CONSULTING ENGINEERS
1000 HOUSTON ST. FORT WORTH, TEXAS 76102 817-335-3000

HKS

Harwood K Smith & Partners Inc
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Liberty Corporation - Phase I
United Fidelity Insurance Company Home Office Building
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REVISIONS
REV. 1 5-9-80
REV. 2 7-22-80
REV. 3 9-8-80
REV. 4 11-21-80

HKS JOB # 2805
DATE MAY 9 '80
SHEET NUMBER
A1.02
OF SHEETS

LIGHT FIXTURE SCHEDULE

AA	STERNER #NI-19-F-49-840-I-120-D/RSA08-R-D-N, BLACK FINISH WITH DIODE FOR EACH LAMP, 10 FOOT TILTING POLE.	32-40 WATT INCANDESCENT
BB	KIM #B1-202/BL-E/PB14-3188HB/BL-E/BMV-233, FOURTEEN FOOT TILTING POLE.	250 WATT BRIGHT WHITE DELUXE MERCURY VAPOR
CC	STERNER #NI-19-F-N-840-I-120-D/RSA07-R-D-N, BLACK FINISH WITH DIODE FOR EACH LAMP, 10 FOOT TILTING POLE.	8-40 WATT INCANDESCENT
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NOTES BY SYMBOL "⬡"

1. STUB CONDUITS OUT AT PROPERTY LINE TO TELEPHONE CO. REQUIREMENTS.
2. UNDERGROUND PRIMARY BY ELECTRIC UTILITY COMPANY VERIFY EXACT LOCATION.
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4. 6-3½" CONDUITS, EACH WITH 8-500 MCM AND 1-#3/0 NEUTRAL.
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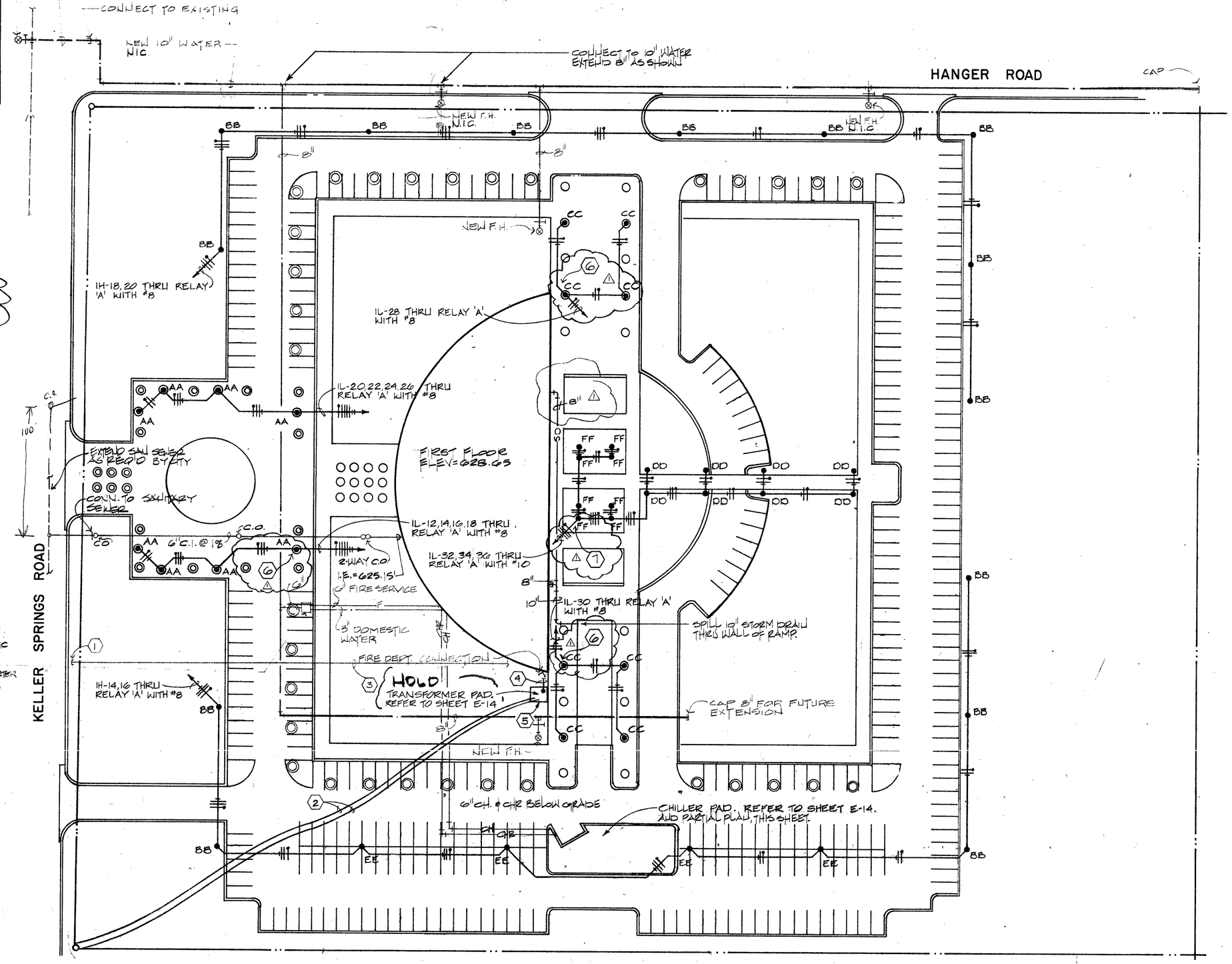
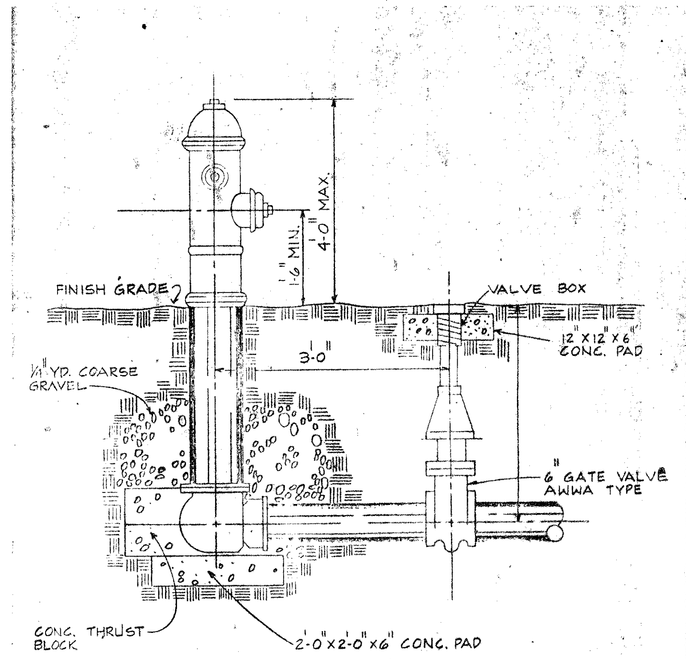
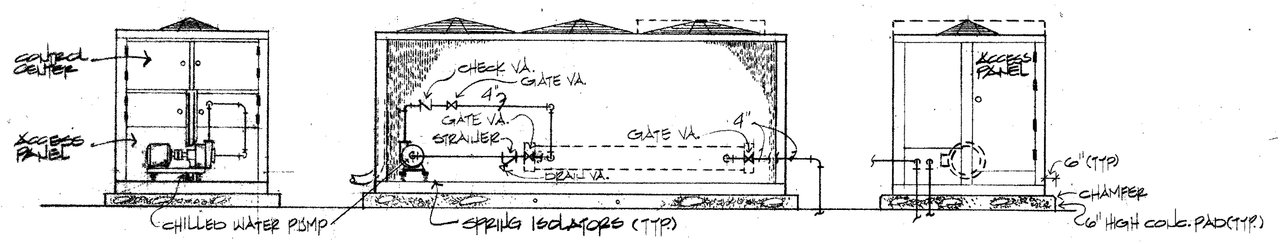
6. △ INSTALL WP DUPLEX RECEPTACLES IN POLE BASES OF THIS FIXTURE & EXTEND 2#10 TO 20/1 CIRCUIT BREAKER IN PANEL 'L'. USE EXISTING CONDUIT WHERE FEASIBLE.
7. △ INSTALL WP DUPLEX RECEPTACLE ADJACENT TO LIGHT FIXTURES & EXTEND 2#10 IN EXISTING CONDUIT TO 20/1 CIRCUIT BREAKER IN PANEL 'L'



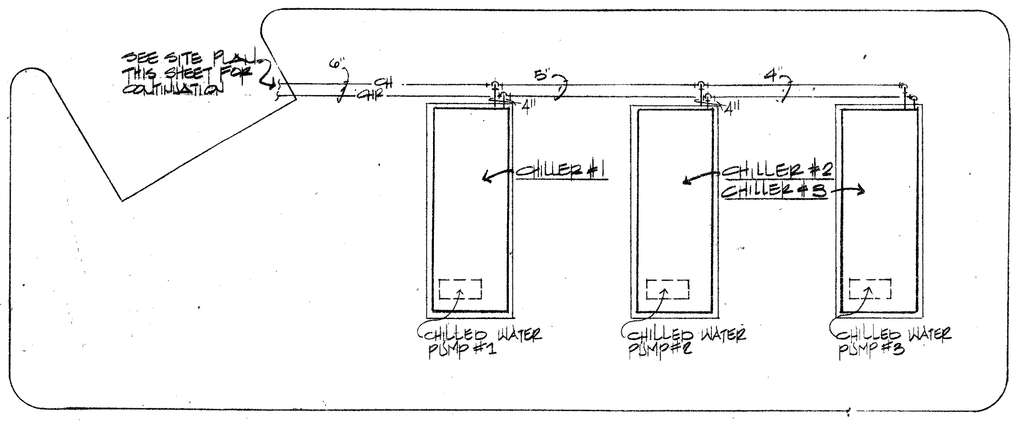
SITE PLAN
SCALE: 1"=40



FIRE HYDRANT DETAIL
NO SCALE



CHILLER & PUMP DETAIL
SCALE: 1/4"=1'-0"



PARTIAL PLAN - MECHANICAL CHILLERS
SCALE: 1/8"=1'-0"

MECHANICAL SYMBOLS LEGEND

ALL SYMBOLS NOT NECESSARILY USED

SYMBOL	DESCRIPTION
—·—·—	COLD WATER
—··—··—	DOMESTIC HOT WATER
—···—···—	DOMESTIC HOT WATER RETURN
—HS—	HEATING WATER SUPPLY
—HR—	HEATING WATER RETURN
—CHS—	CHILLED WATER SUPPLY
—CHR—	CHILLED WATER RETURN
—CS—	CONDENSER WATER SUPPLY
—CR—	CONDENSER WATER RETURN
—RL—	REFRIGERANT LIQUID
—RS—	REFRIGERANT SUCTION
—D—	DRAIN
—G—	GAS
	WASTE
	SANITARY VENT
—SD—	STORM DRAIN
	STEAM SUPPLY
	GRAVITY CONDENSATE RETURN
	PUMPED CONDENSATE RETURN
—F—	FIRE LINE
—A—	COMPRESSED AIR
	GATE VALVE
	CHECK VALVE
	BALANCE COCK
	STRAINER
	UNION
	THERMOSTAT
	THERMOMETER
	GAUGE COCK
HB	HOSE BIBB
WH	WALL HYDRANT
BH	BOX HYDRANT
DS	DOWNSPOUT
FD	FLOOR DRAIN
RD	ROOF DRAIN
HD	HUB DRAIN
VTR	VENT THRU ROOF
CO	CLEAN OUT

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John M Bane
J Wade Driver Jr
C Joe Buskuhl

Liberty Corporation - Phase I

United Fidelity Insurance Company Home Office Building

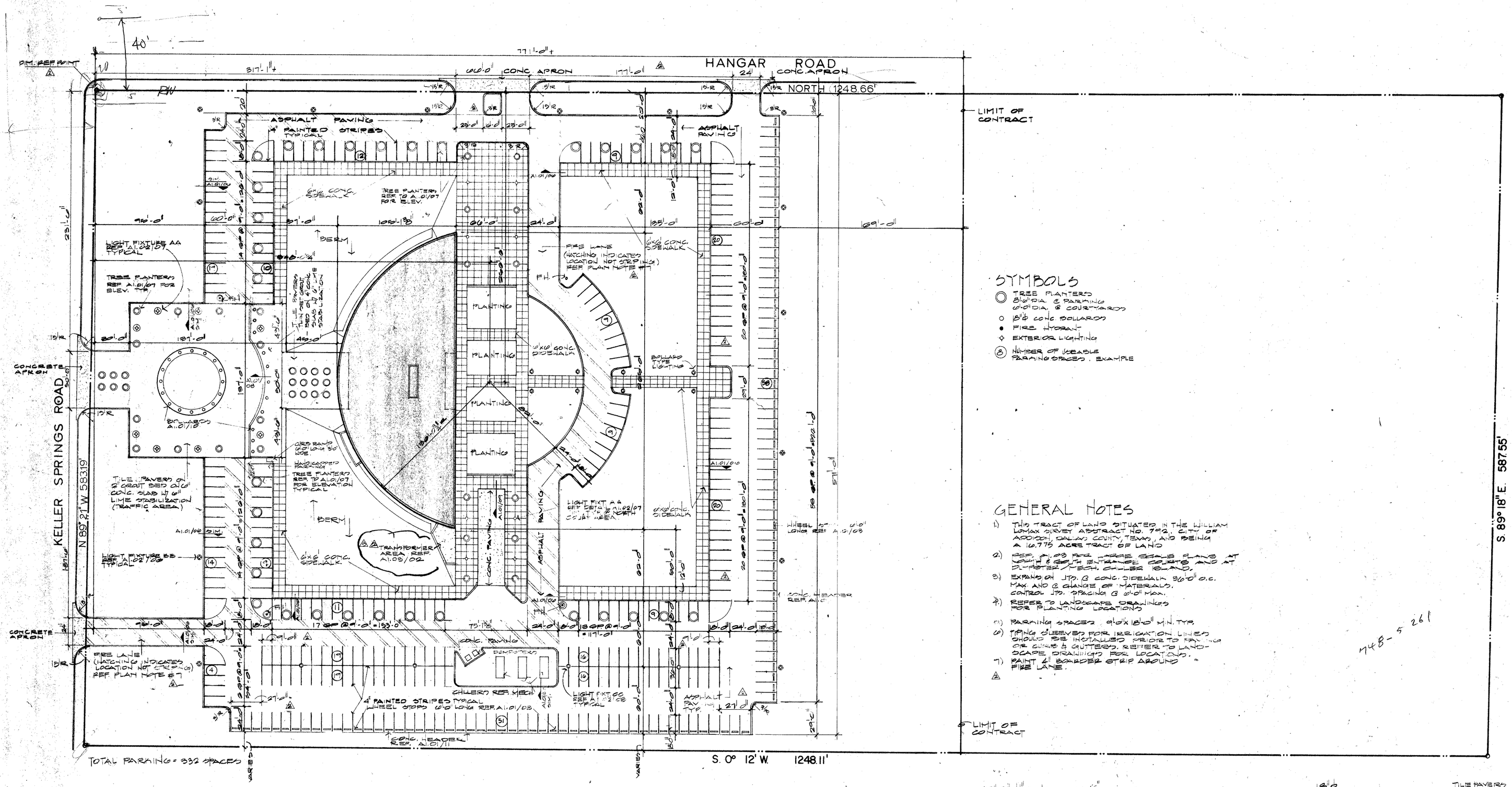
Keller Springs Road — Addison, Texas

REVISIONS
PC #16 9.8.80
PC #20 10.27.80

DATE 9.8.80

SHEET NUMBER
ME-1

OF 126 SHEETS



01 SITE PLAN
1"=40'

SYMBOLS

- TREE PLANTERS 8'6" DIA. @ PARKING 6'0" DIA. @ COURTYARDS
- 18" CONC BOLLARDS
- FIRE HYDRANT
- EXTERIOR LIGHTING
- NUMBER OF INCREASE PARKING SPACES. EXAMPLE

GENERAL NOTES

1) THIS TRACT OF LAND SITUATED IN THE WILLIAM LOMAX SURVEY ABSTRACT NO. 792, CITY OF ADDISON, DALLAS COUNTY, TEXAS, AND BEING A 16.775 ACRE TRACT OF LAND
2) REF. A1.03 FOR FIRE LANE SIGNS AT SOUTH & SOUTH ENTRANCE COURTS AND AT PLUMBER / MECH. CHILLER ISLAND.
3) EXPAND ON JTS. @ CONC. SIDEWALK 36'0" O.C. MAX AND @ CHANGE OF MATERIALS. CONTROL JTS. SPACING @ 6'0" MAX.
4) REFER TO LANDSCAPE DRAWINGS FOR PLANTING LOCATIONS
5) PARKING SPACES 9'0"x18'0" MIN. TYP.
6) TRENCHES DUG FOR IRRIGATION LINES SHOULD BE INSTALLED PRIOR TO PAVING OR CURBS & GUTTERS. REFER TO LANDSCAPE DRAWINGS FOR LOCATIONS.
7) PAINT 4" BORDER STRIP AROUND FIRE LANE.

748-5 261

02 SIDEWALK EXPANSION JT.
SCALE: 1½"=1'-0"

04 SIDEWALK CONTROL JT.
SCALE: 1½"=1'-0"

06 CURB & GUTTER
SCALE: 1½"=1'-0"

08 ROLL-DOWN CURB
SCALE: 1½"=1'-0"

09 LOADING DOCK
SCALE: 1½"=1'-0"

10 PRE-CAST BOLLARD
SCALE: 1½"=1'-0"

12 DETAIL CONC. STRIP @ MAIN ENTRY COURT
SCALE: 1½"=1'-0"

03 WHEEL STOP
SCALE: 1½"=1'-0"

05 CURB @ TREE WELLS
SCALE: 1½"=1'-0"

07 ELEVATION OF TREE WELLS
SCALE: 1½"=1'-0"

11 CONC HEADER
SCALE: 1½"=1'-0"

HKS

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REVISIONS	
R-1	5-8-80
R-2	7-22-80
R-3	9-8-80
R-4	11-21-80

HKS JOB # 8030

DATE MAY 1980

SHEET NUMBER

A1.01

OF SHEETS