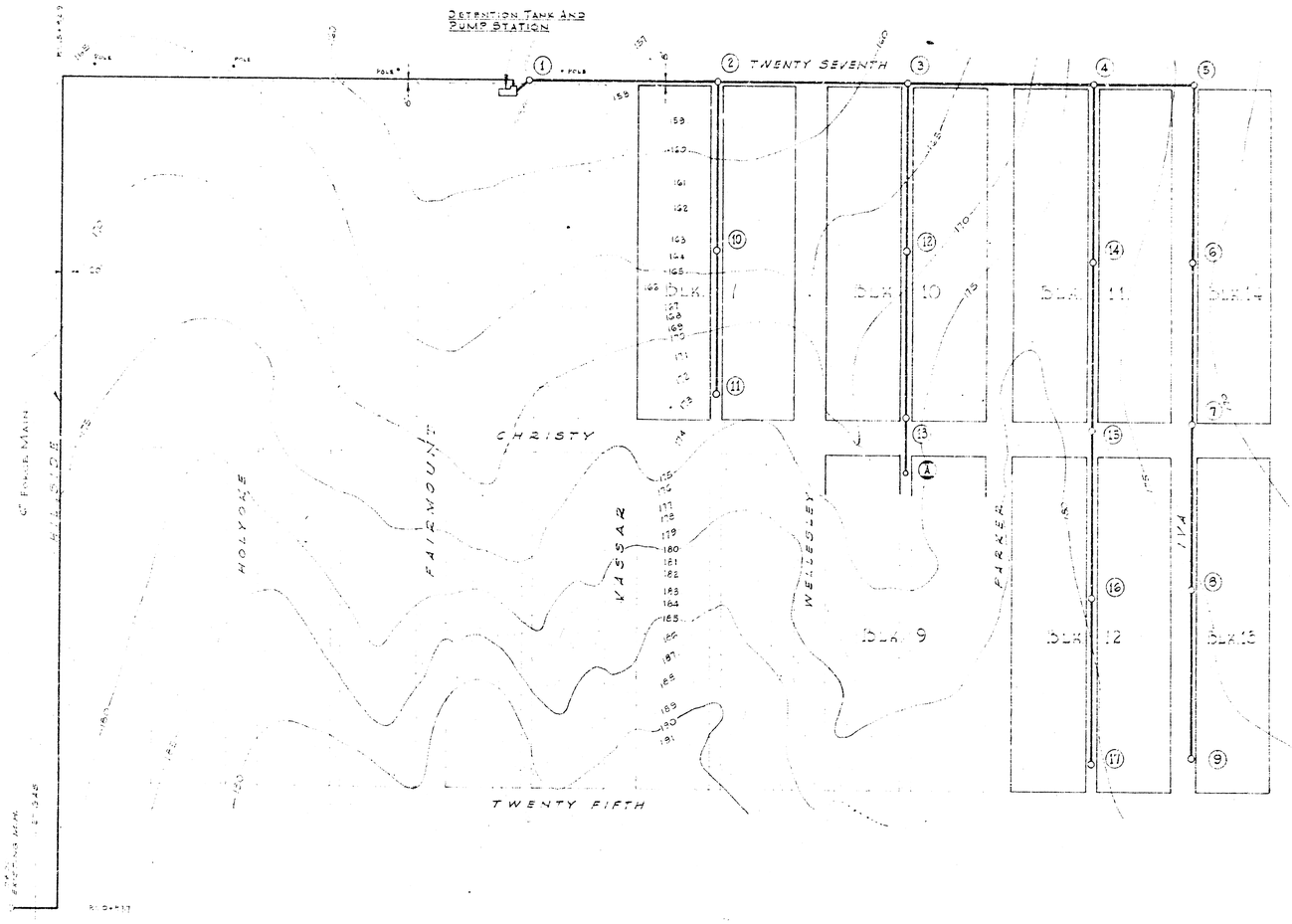


NOTE:
THIS PROJECT SERVES 80 HOUSES
TO BE LOCATED IN BLKS. 7, 9, 10, 11, 12, & 13

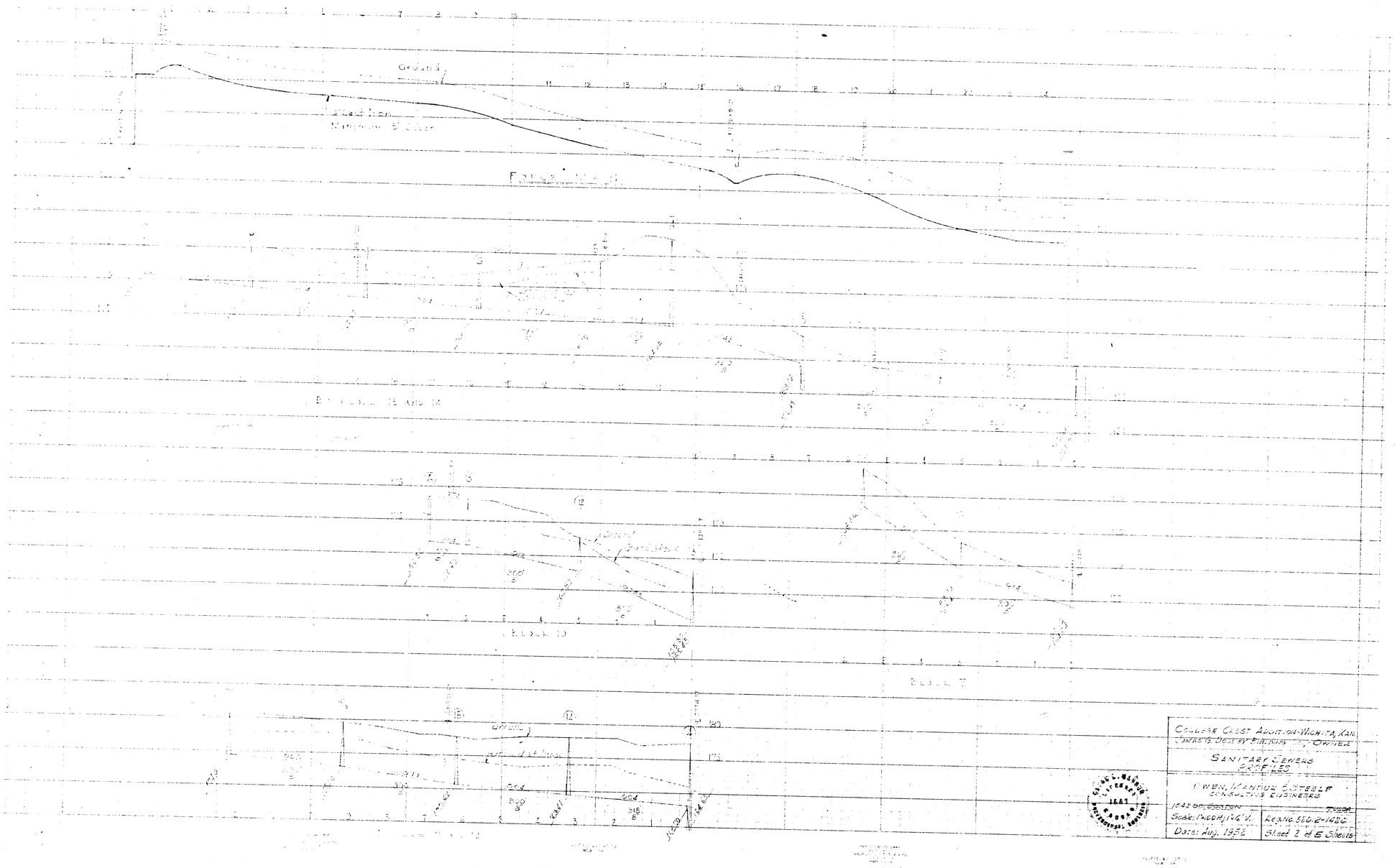
CONTOUR INTERVAL 1 FT. TOPOGRAPHY
FURNISHED BY OWNER.

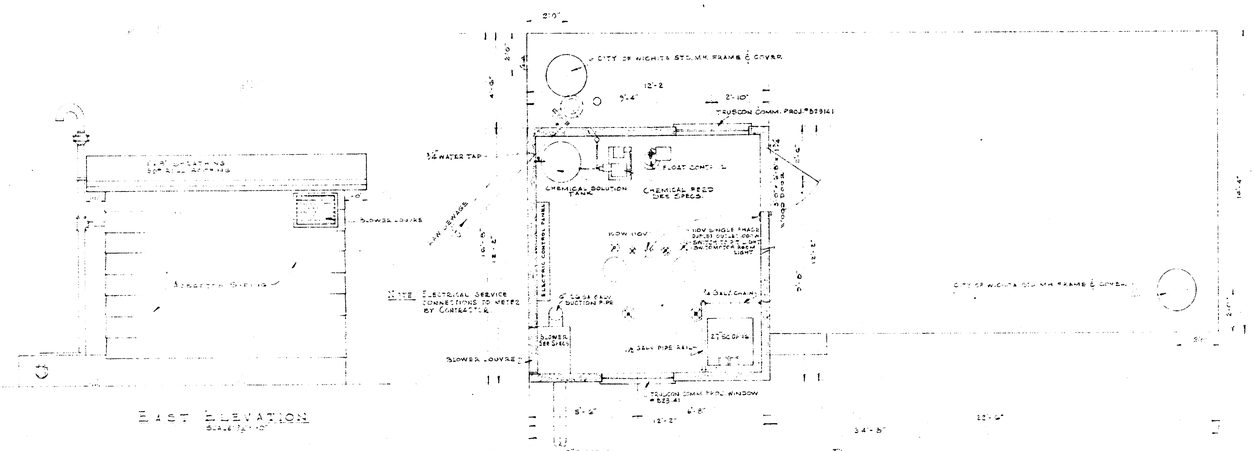
COLLEGE CREST ADDITION-WICHITA, KAN.
JAMES G. DOSSEY BUILDING CO. - OWNER

SANITARY SEWERS PLAN AND TOPOGRAPHY

OWEN, MANSUR & STEELE
CONSULTING ENGINEERS
164 ESSEX BOSTON — TULSA

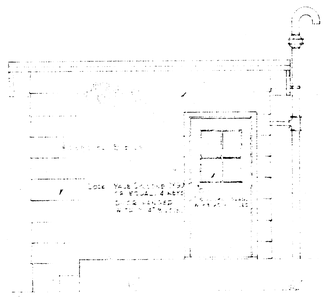
Scale: 1"=100'	Reg. No. 53 013-1425
Date: Aug. 1953	Sheet 1 of 5 Sheets


Ground
Section
Minimum Depth
Profile
PLAN
PLAN
PLAN
PLAN
Ground
Ground
Ground

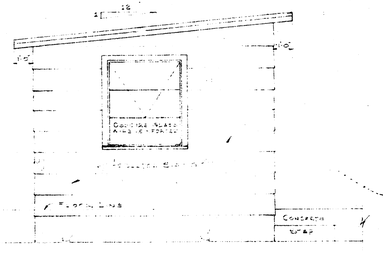


EAST ELEVATION
SCALE: 1/4"=1'-0"

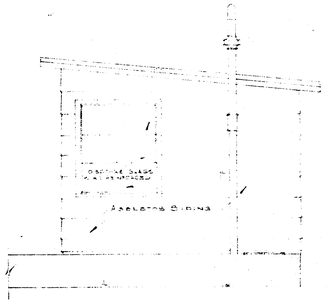
PLAN
SCALE: 1/4"=1'-0"



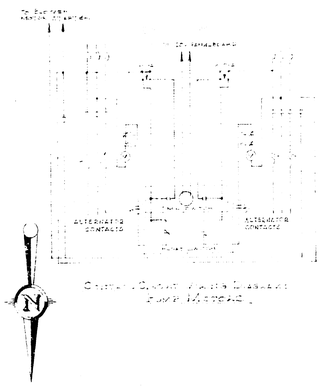
WEST ELEVATION
SCALE: 1/4"=1'-0"



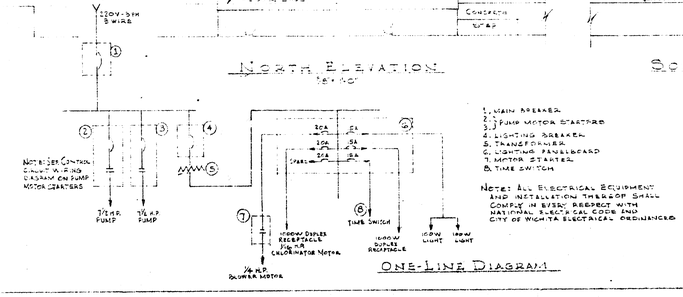
NORTH ELEVATION
SCALE: 1/4"=1'-0"



SOUTH ELEVATION
SCALE: 1/4"=1'-0"



CONTROL CIRCUIT FOR ELEVATED TANK HEATERS

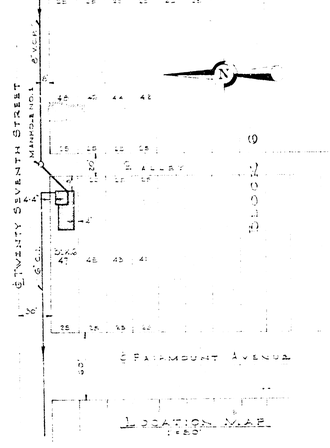


ONE-LINE DIAGRAM

1. MAIN BREAKER
2. & 3. PUMP MOTOR STARTERS
4. & 5. LIGHTING BREAKER
6. TRANSFORMER
7. LIGHTING PANELBOARD
8. MOTOR STARTER
9. TIME SWITCH

NOTE: ALL ELECTRICAL EQUIPMENT AND INSTALLATION THEREOF SHALL COMPLY IN EVERY RESPECT WITH NATIONAL ELECTRICAL CODE AND CITY OF WICHITA ELECTRICAL ORDINANCE

NOTE: ALL EXTERIOR EXPOSED WOOD AND STEEL WINDOWS, & DOORS APPROVED WHITE PAINTED



LOCATION MAP
SCALE: 1"=200'

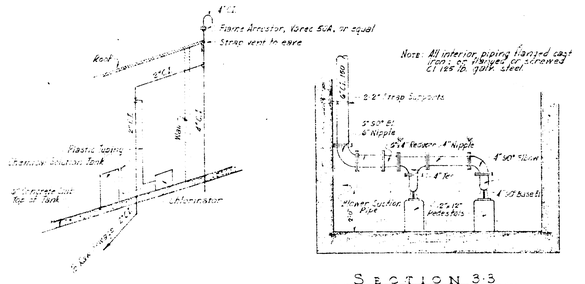
GLENN L. MANSUR
LICENSED
1600
KANSAS
PROFESSIONAL ENGINEER

COLLEGE CREST ADDITION-WICHITA, KAN.
JAMES J. DIGGES BUILDING CO., OWNER

SANITARY SEWERS
PUMP STATION & DETENTION TANK
PLAN & ELEVATIONS

OWEN, MANSUR & STEELE
CONSULTING ENGINEERS
1642 SO. BOSTON — TULSA

SCALE: AS NOTED	KES. NO. 52.012-427
DATE: SEPT. 1952	SHEET 3 OF 5 SHEETS

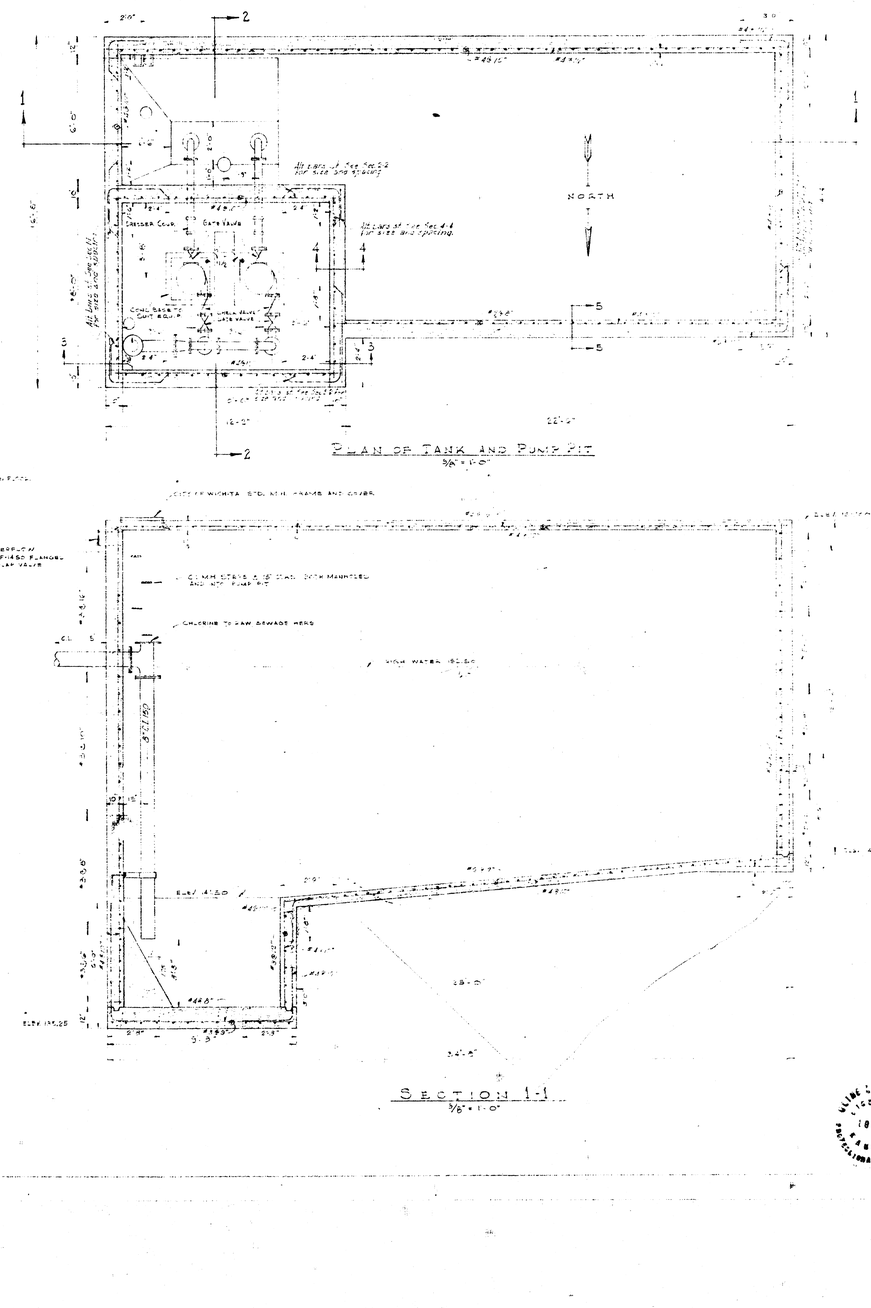


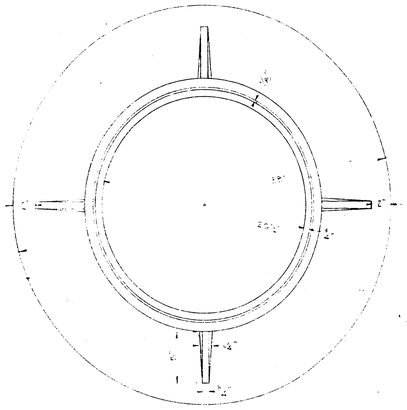
SCHEMATIC PIPING DIAGRAM

SHOWING CHLORINATOR SUPPLY & VENTING OF TANK

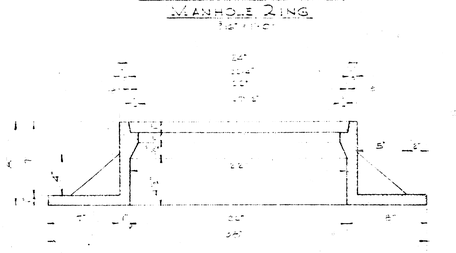
SECTION 3-3

3/8" = 1'-0"

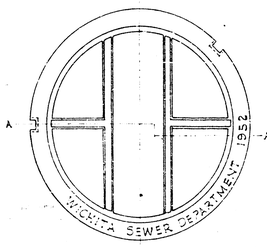

2
1
NORTH
Dresser Coup.
Gate Valve
4" Line at Top See 4-4 for size and routing
4" Line at Top See 4-4 for size and routing
Check Valve
Gate Valve
Gate Valve
Check Valve
Gate Valve
Dresser Coup.
4" Line at Top See 4-4 for size and routing
Dresser Coup.



TOP VIEW OR PLAN OF MANHOLE RING

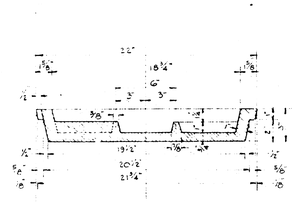


VERTICAL CROSS SECTION OF MANHOLE RING



TOP VIEW OR PLAN OF MANHOLE COVER

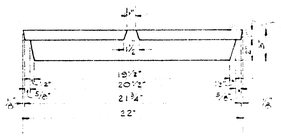
DATE TO BE CHANGED TO CORRESPOND WITH CURRENT YEAR



VERTICAL CROSS SECTION 'A-A' OF COVER

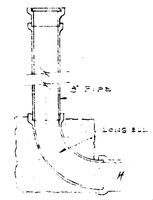
SHOWING DEPTH OF LIFTING NOTCH

COVER TO BE FILLED FLUSH WITH ASPHALT

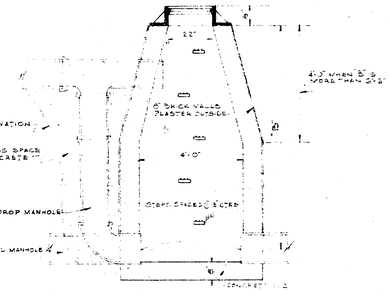


SIDE VIEW OR ELEVATION OF MANHOLE COVER

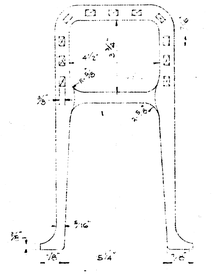
SHOWING DIMENSIONS OF LIFTING NOTCH



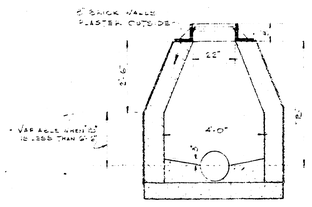
LAMP HOLE DETAIL



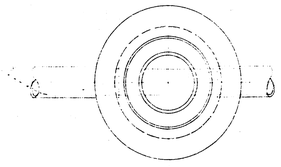
SECTION



MANHOLE STEP



SECTION



PLAN

STANDARD AND DROP MANHOLES

CLIVE L. MANSUR LICENSED 1950 KANSAS PROFESSIONAL ENGINEER

COLLEGE CREST ADDITION-WICHITA, KAN.
JAMES G. DOSSEY BUILDING CO., - OWNER

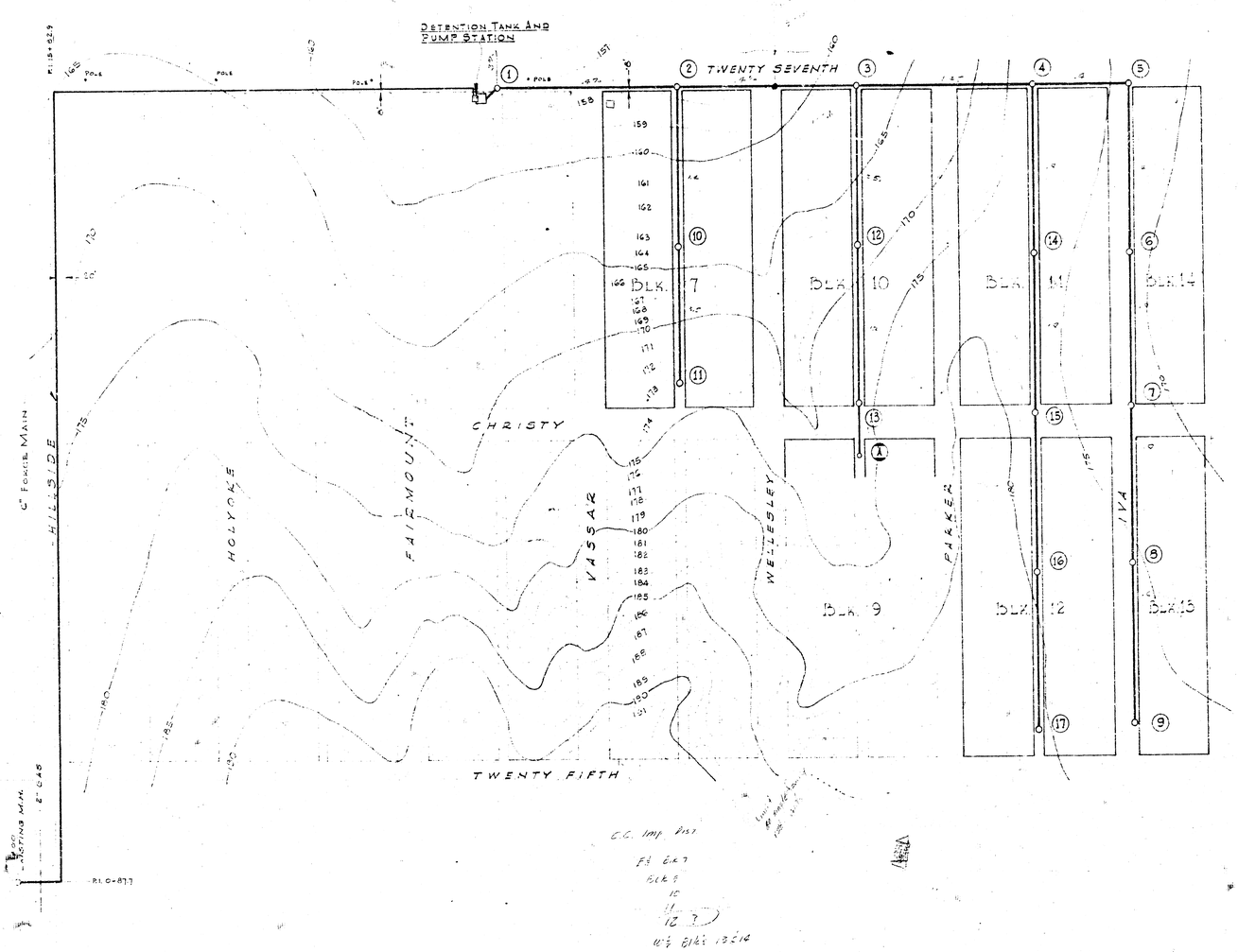
SANITARY SEWERS
DETAILS

OWEN, MANSUR & STEELE
CONSULTING ENGINEERS

1642 SO. BOSTON — TULSA

SCALE: AS NOTED — SEG. NO. 52D12-1429

DATE: SEPT. 1952 — SHEET 5 OF 5 SHEETS



NOTE:
THIS PROJECT SERVES 80 HOUSES
TO BE LOCATED IN BLKS. 7, 9, 10, 11, 12, 13, 14

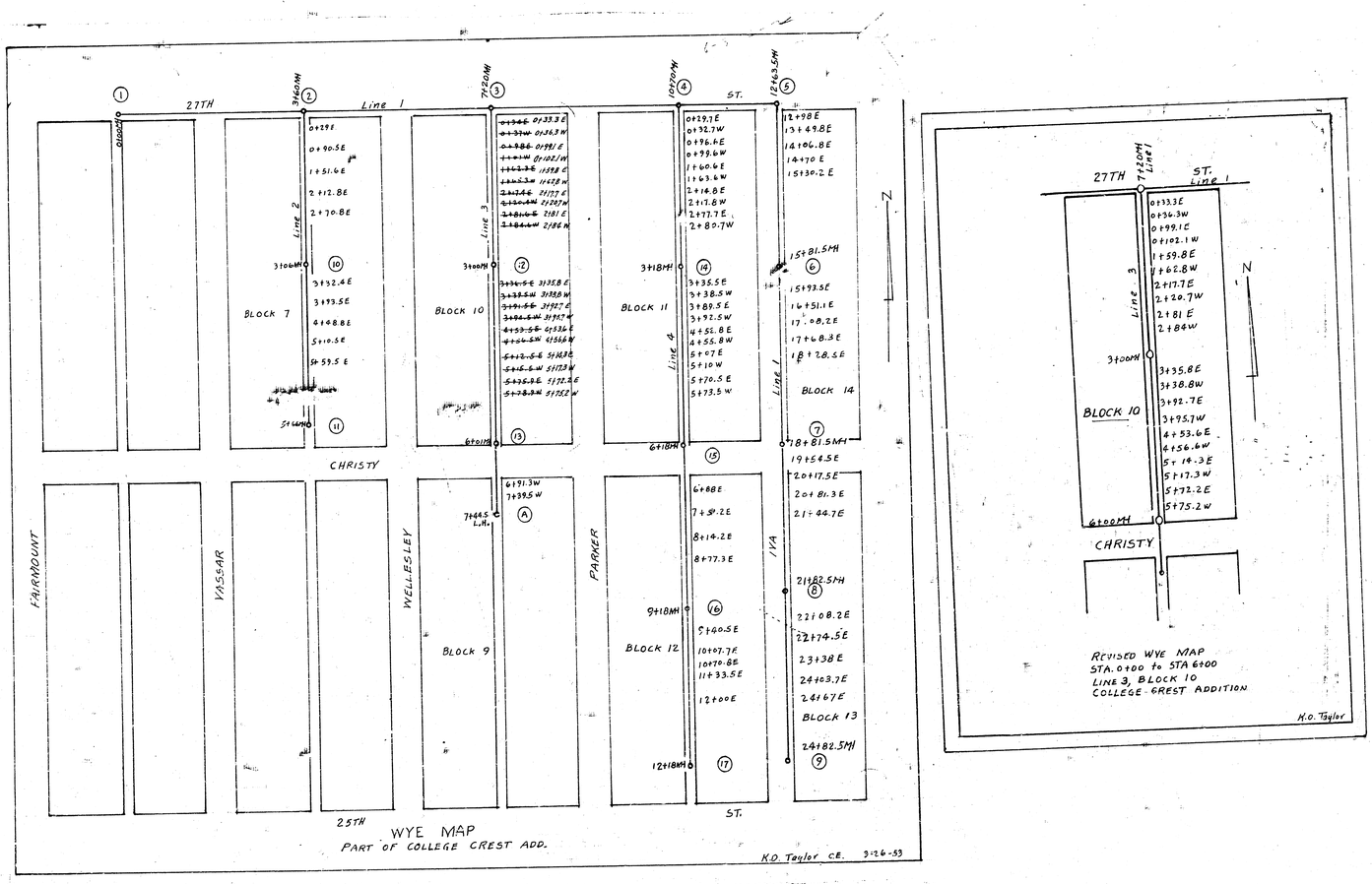
CONTOUR INTERVAL 1 FT., TOPOGRAPHY FURNISHED BY OWNER.

COLLEGE CREST ADDITION-WICHITA, KAN.
JAMES G DOSSEY BUILDING CO., - OWNER

SANITARY SEWERS PLAN AND TOPOGRAPHY

OWEN, MANSUR & STEELE
CONSULTING ENGINEERS
1642 SO. BOSTON TULSA

Revised 10-24-52	Scale: 1"=100'	Reg. No. SE D12-1425
	Date: Aug 1952	Sheet 1 of 5 Sheets


27TH
Line 1
ST.
Line 2
Line 3
Line 4
Line 1
Line 3
BLOCK 7
BLOCK 10
BLOCK 11
BLOCK 14
BLOCK 9
BLOCK 12
BLOCK 13
CHRISTY
FAIRMOUNT
YASSAR
WELLESLEY
PARKER
IVA
25TH
ST.
0+00
0+29.8
0+90.5E
1+51.6E
2+12.8E
2+70.8E
3+06MH
3+32.4E
3+93.5E
4+08.8E
5+10.5E
5+59.5E
3+00MH
6+00MH
6+91.3W
7+39.5W
7+44.5 L.H.
3+18MH
3+35.5E
3+38.5W
3+89.5E
3+92.5W
4+55.8E
4+55.8W
5+07E
5+10W
5+70.5E
5+73.5W
6+18MH
6+88E
7+59.2E
8+14.2E
8+77.3E
9+18MH
10+07.7E
10+70.8E
11+33.5E
12+00E
12+18MH
0+29.7E
0+32.7W
0+96.6E
0+99.6W
1+60.6E
1+63.6W
2+16.8E
2+17.8W
2+77.7E
2+80.7W
12+98E
13+69.8E
14+06.8E
14+70E
15+30.2E
15+81.5MH
15+93.5E
16+51.1E
17+08.2E
17+68.3E
18+28.5E
18+81.5MH
19+54.5E
20+17.5E
20+81.3E
21+44.7E
21+82.5MH
22+08.2E
22+74.5E
23+38E
24+03.7E
24+67E
24+82.5MH
N
WYE MAP
PART OF COLLEGE CREST ADD.
K.O. Taylor C.E. 3-26-53

27TH
7+20MH
Line 1
ST.
Line 1
Line 3
0+33.3E
0+34.3W
0+99.1E
0+102.1W
1+59.8E
1+62.8W
2+17.7E
2+20.7W
2+81E
2+86W
3+00MH
3+35.8E
3+38.8W
3+92.7E
3+95.7W
4+53.6E
4+56.6W
5+14.3E
5+17.3W
5+72.2E
5+75.2W
6+00MH
BLOCK 10
CHRISTY
N
REVISED WYE MAP
STA. 0+00 to STA 6+00
LINE 3, BLOCK 10
COLLEGE CREST ADDITION
K.O. Taylor

Ground

6" Cast Iron
Minimum 8' Cover

FORCE MAIN

Ground at house

Ground at house

Ground

Ground at house

Ground at house

Ground

Ground at house

BLOCKS 13 AND 14

BLOCK 10

BLOCK 7

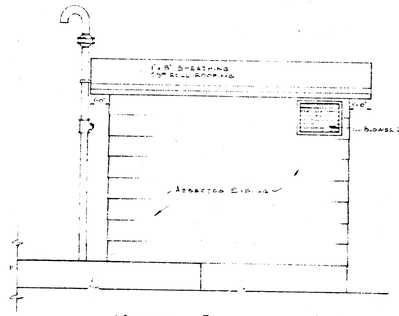
COLLEGE CREST ADDITION - WICHITA, KAN.
JAMES B. DOLLEY BUILDING CO., OWNERS

SANITARY SEWERS
PROFILES

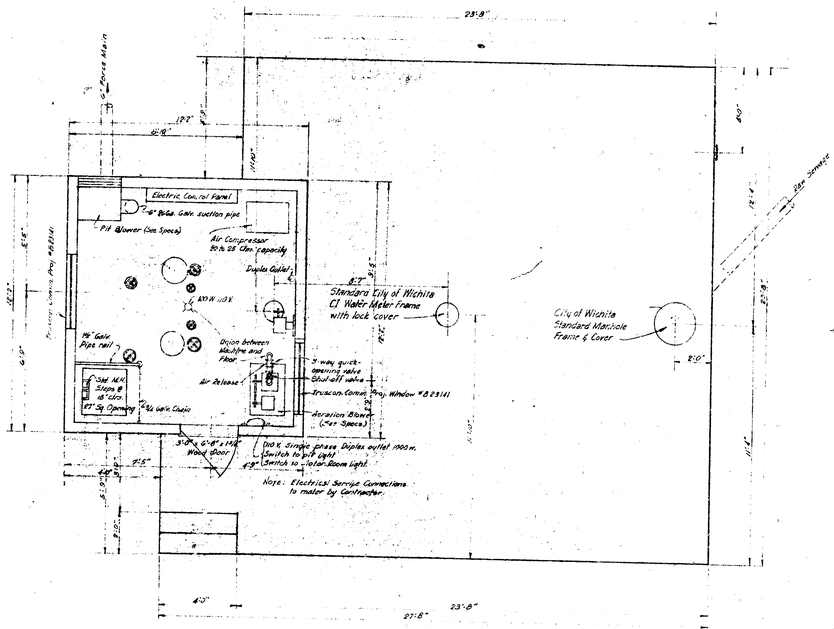
OWEN, MANSUR & STEELE
CONSULTING ENGINEERS
1942 SO. BOSTON — TULSA

Scale: Horiz. 1"=50' Vert. 1"=5' Reg. No. 6628/1425
Date: Aug. 1938 Sheet 2 of 5 Sheets

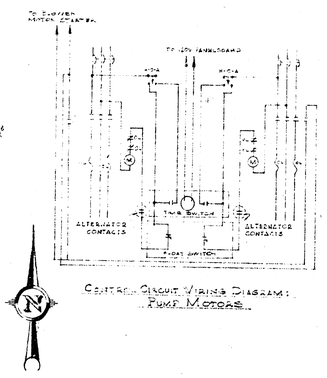
KEUFFEL & ESSER CO.
NEW YORK



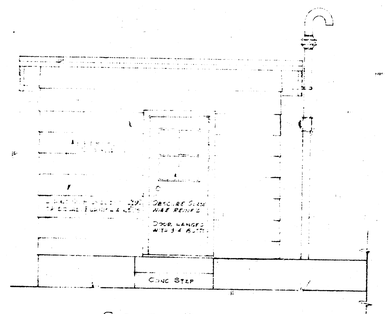
NORTH ELEVATION
SCALE: 1/8"=1'-0"



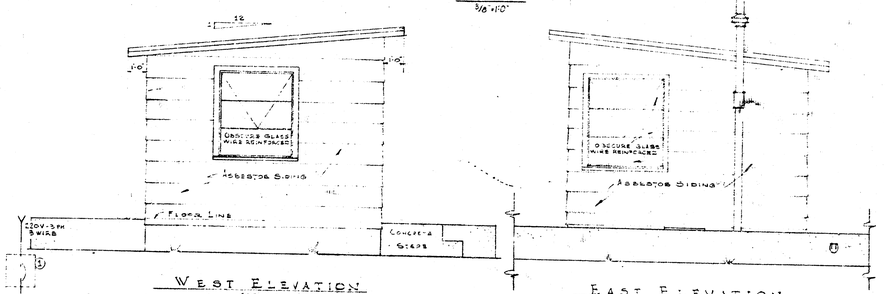
PLAN
3/8"=1'0"



CENTRAL CIRCUIT WIRING DIAGRAM:
PUMP MOTORS

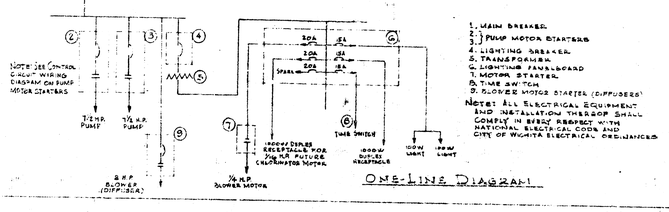


SOUTH ELEVATION
3/8"=1'0"



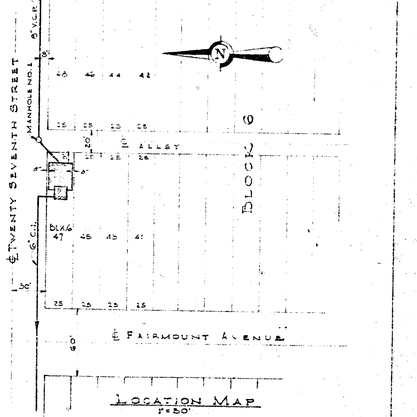
WEST ELEVATION
3/8"=1'0"

EAST ELEVATION
3/8"=1'0"



ONE-LINE DIAGRAM

Note: All exterior exposed wood, and steel windows, 3 coats approved white paint.



LOCATION MAP
1"=50'

Revised 10-26-62

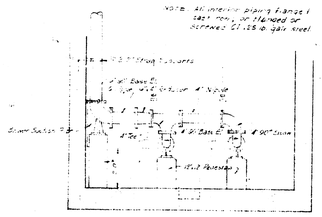
College Crest Addition-Wichita, Kan.
James G. Dossey Building Co.- Owner.

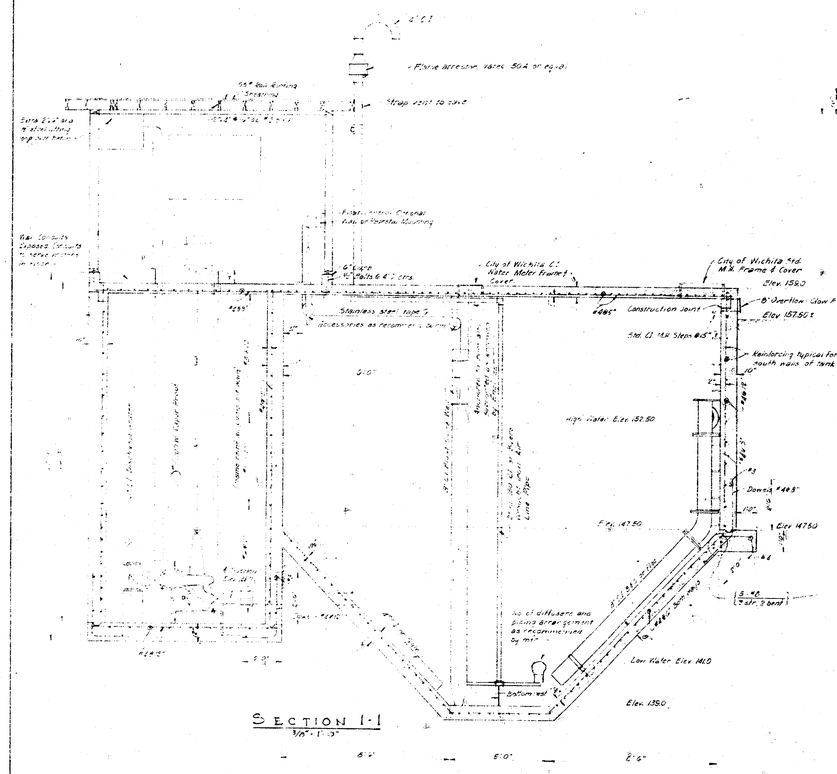
Sanitary Sewers
Pump Station & Detention Tank
Plan & Elevations

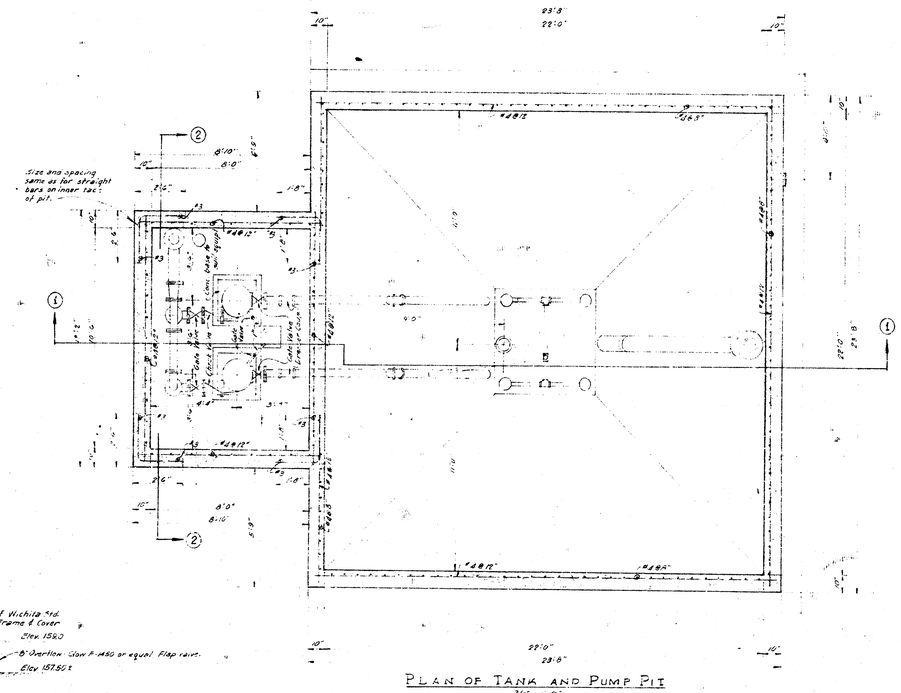
Owen, Mansur & Steele,
Consulting Engineers
1642 So. Boston — Tulsa

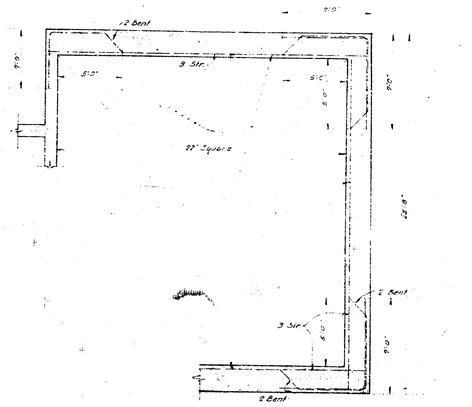
Scale: As Noted — Reg. No. 58 D 12-1427

Date: Sept. 1962 — Sheet 3 of 5 Sheets



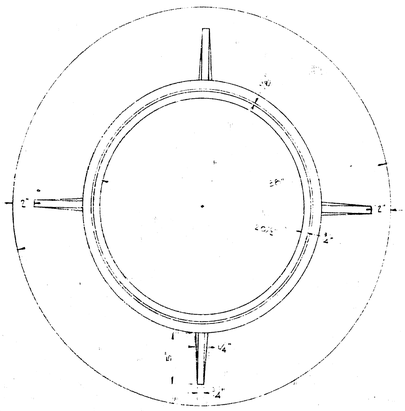






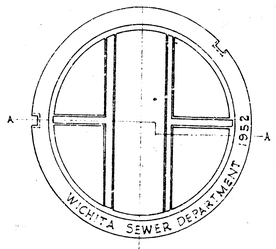
NOTE: All exposed corners to have ¾ chamfer. Top to be trowel finished. All exterior vertical concrete exposed surfaces to be carborundum stone rubbed.

COLLEGE CREST ADDITION WICHITA, KAN. JAMES G. DOSSEY BUILDING CO. - OWNER	
SANITARY SEWERS PUMP STATION & DETENTION TANK PLAN & SECTIONS	
OWEN, MANSUR & STEELE CONSULTING ENGINEERS 1648 So. Boston TULSA	
SCALE: AS NOTED	REG. NO. 52 DI 2-1428
DATE: SEPT. 1952	SHEET 4 OF 5 SHEETS.
Revised 10-24-52	



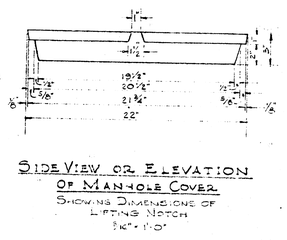
TOP VIEW OR PLAN OF MANHOLE RING
1/2"=1'-0"

VERTICAL CROSS SECTION OF MANHOLE RING
1/2"=1'-0"

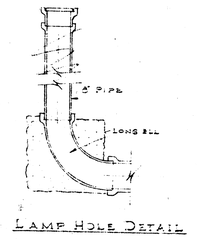


TOP VIEW OR PLAN OF MANHOLE COVER
DATE TO BE CHANGED TO CORRESPOND WITH CURRENT YEAR
1/2"=1'-0"

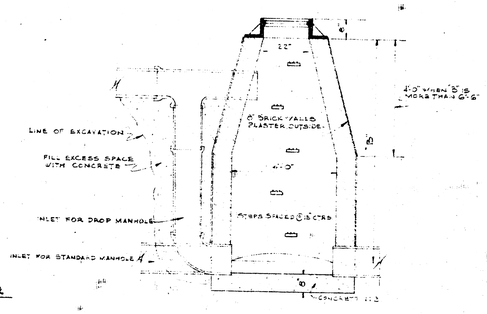
VERTICAL CROSS SECTION "A-A" OF COVER
SHOWING DEPTH OF LIFTING NOTCH
COVER TO BE FILLED FLUSH WITH ASPHALT
1/2"=1'-0"



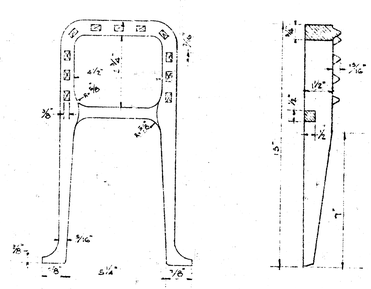
SIDE VIEW OR ELEVATION OF MANHOLE COVER
SHOWING DIMENSIONS OF LIFTING NOTCH
1"=1'-0"

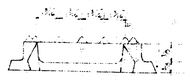


LAMP HOLE DETAIL

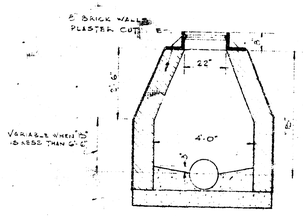


SECTION

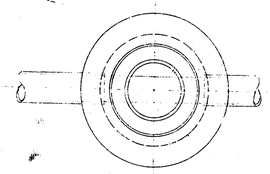




MANHOLE STEP



SECTION



PLAN

STANDARD AND DROP MANHOLES

COLLEGE CREST ADDITION-WICHITA, KAN.
JAMES G. DOSSEY BUILDING CO., - OWNER

SANITARY SEWERS
DETAILS

OWEN, MANSUR & STEELE
CONSULTING ENGINEERS
1642 SO. BOSTON — TULSA

SCALE: AS NOTED	REG. NO. 5201 - 1683
DATE: SEPT. 1952	SHEET 5 OF 5 SHEETS