

SANITARY SEWER IMPROVEMENTS
FOR
WESTWOOD HEIGHTS SECOND ADDITION

LOTS 1 THROUGH 13 BLOCK 12. LOTS 1 THROUGH
3, 26, 27, and 31 THROUGH 33; BLOCK 13.

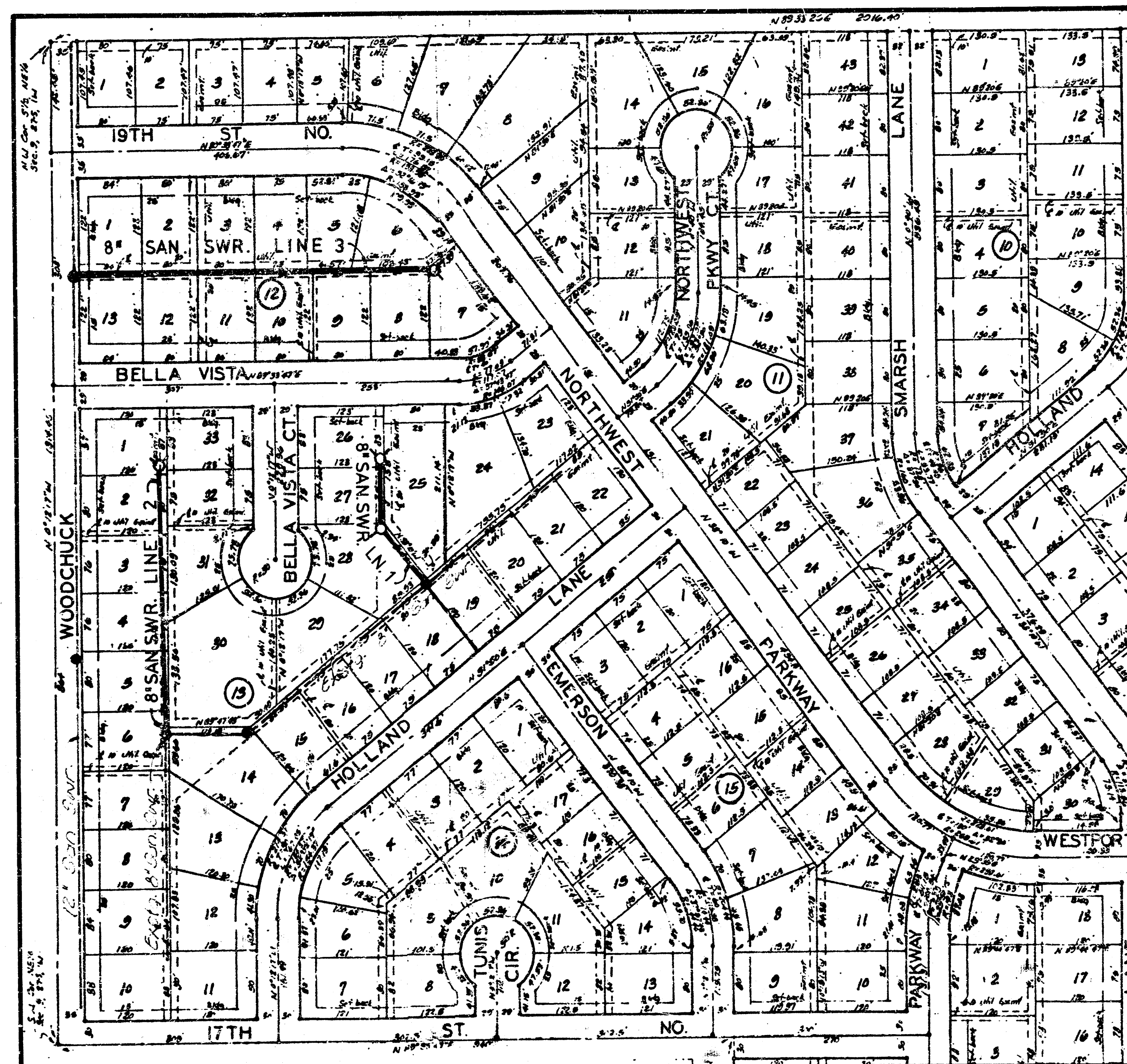
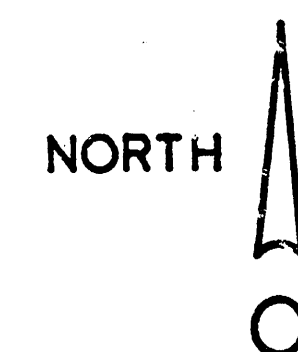
LATERAL 1, MAIN 15, S.W. INTERCEPTOR

PROJECT NUMBER

468-76-245-81738-000-000-001

GENERAL NOTES

1. Under-ground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. The Contractor shall be responsible for preserving property irons. The Contractor will 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 in accordance with state laws.



WESTWOOD HEIGHTS SECOND
ADDITION

□ IMPROVEMENT DISTRICT

CITY of WICHITA, KANSAS

MICHAEL E. LINDEBAK
CITY ENGINEER

INDEX of SHEETS

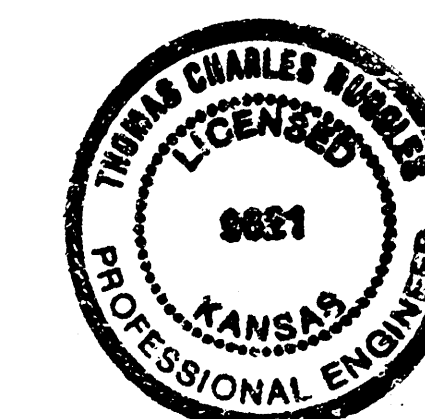
1. TITLE SHEET
2. PLAN/PROFILE - LINE 1
& LINE 2 (BLK. 13)
3. PLAN/PROFILE - LINE 3
(BLK. 12)
4. DETAIL SHEET (TYPE
"P" & "C" STD. SHALLOW
MANHOLE)

 BENCHMARKS

1. □ Cut in top of curb 19 ft. NWly
of SWly cor. Lot 21 Blk. 11 West-
wood Heights 2nd Addition
Elev. = 155.47 City datum
2. R.R. Spike in "lone" tree (NWly
side) 193 ft. So. & 47 ft. W. of NE.
Cor. Lot 15, Blk. 2 Westlink Village
16th Addn.
Elev. = 157.75 City datum

AS BUILT
7-88
RDL

TITLE SHEET

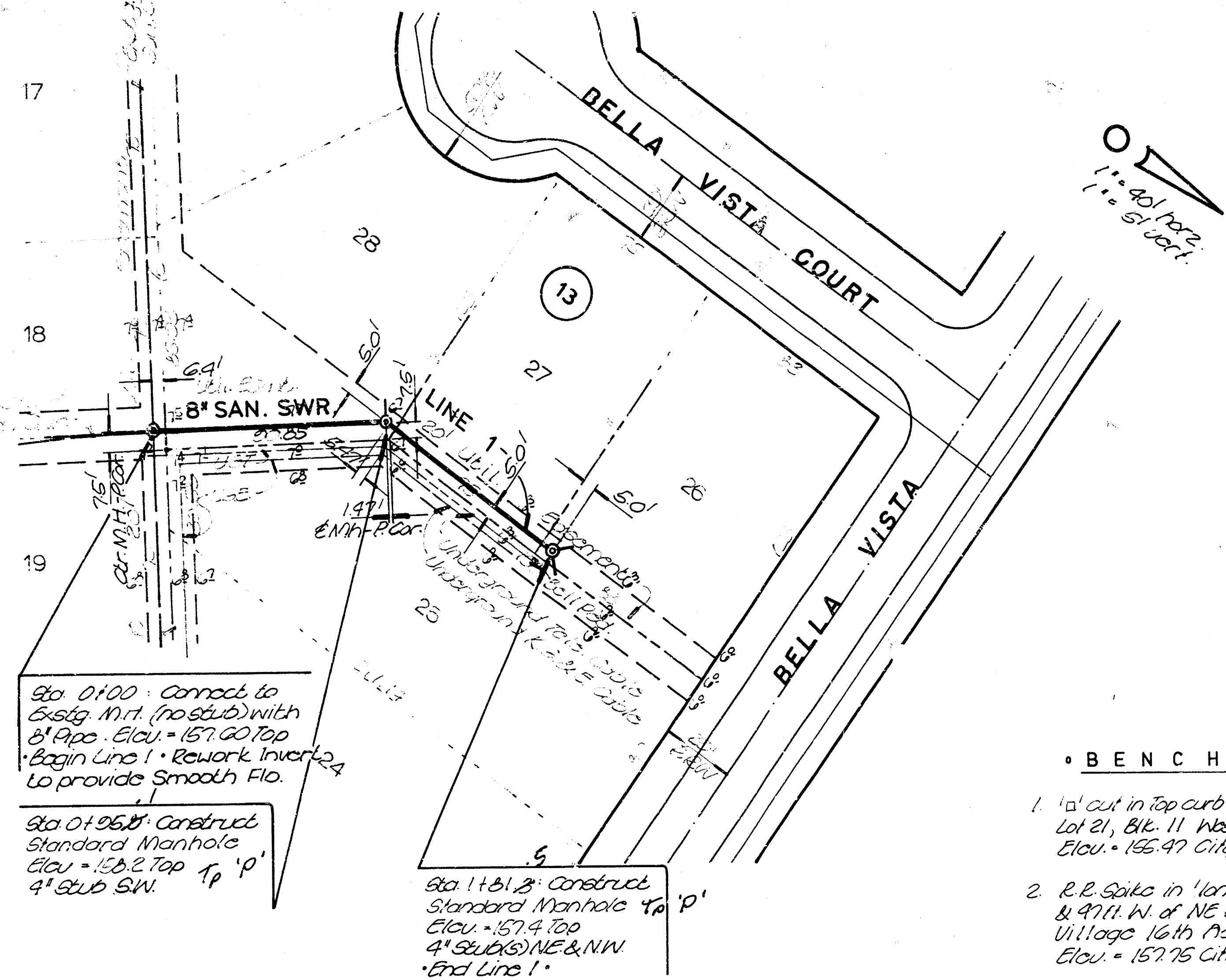


BAUGHMAN COMPANY, P.A.			
SURVEYING & ENGINEERING			
315 E. 26th St. - 315 ELLIS - WICHITA, KANSAS 67211			
Drawn	Check	Approved	Date
T. Ruggles	Stallr.		6 Apr. 88
Scale	as noted		

Sheet 1 of 4

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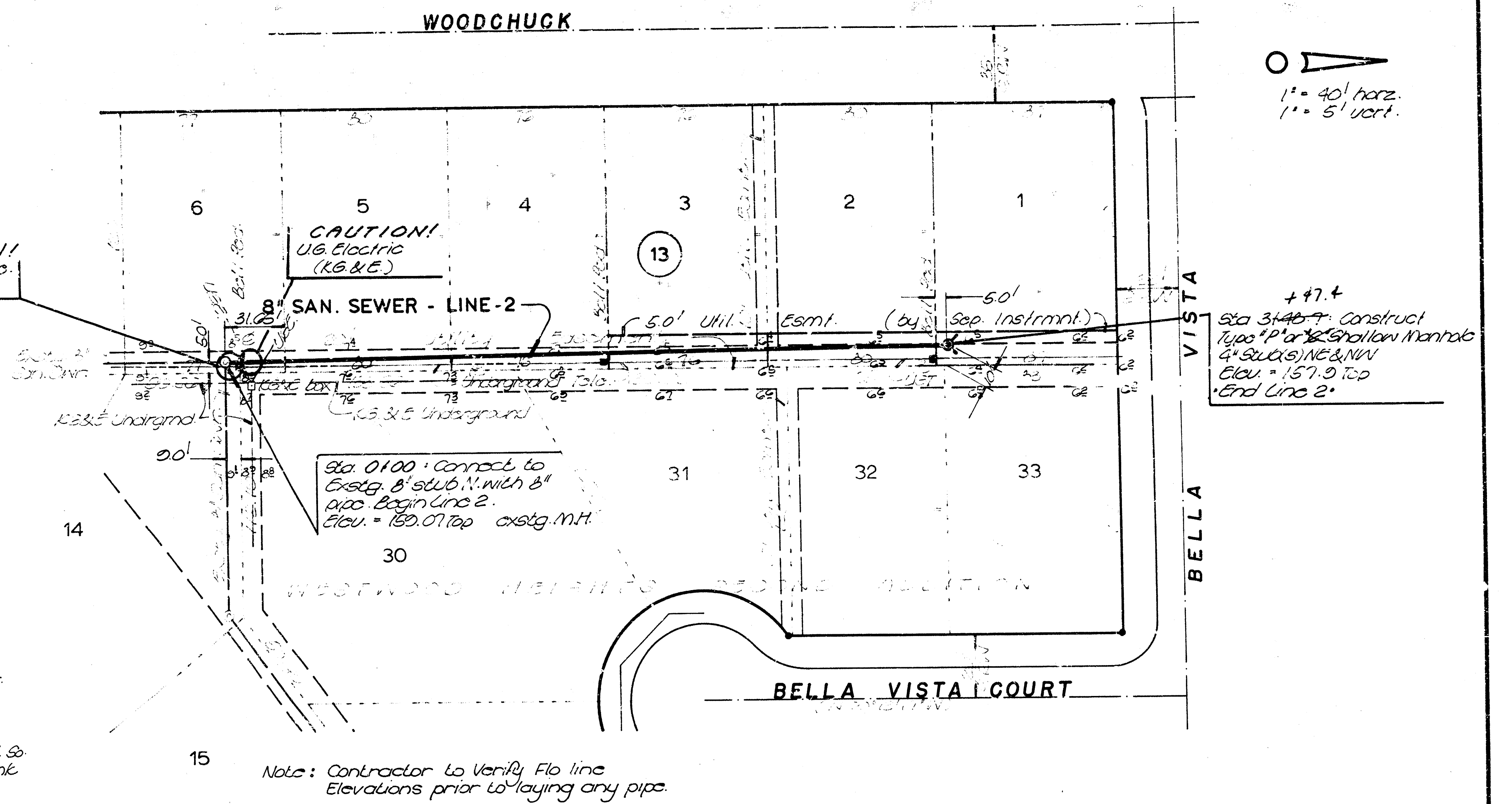
PLAN	NOTED	DATE
	NO. 1	DATE
NOTE BOOK	NOTED	DATE
	NO. 1	DATE



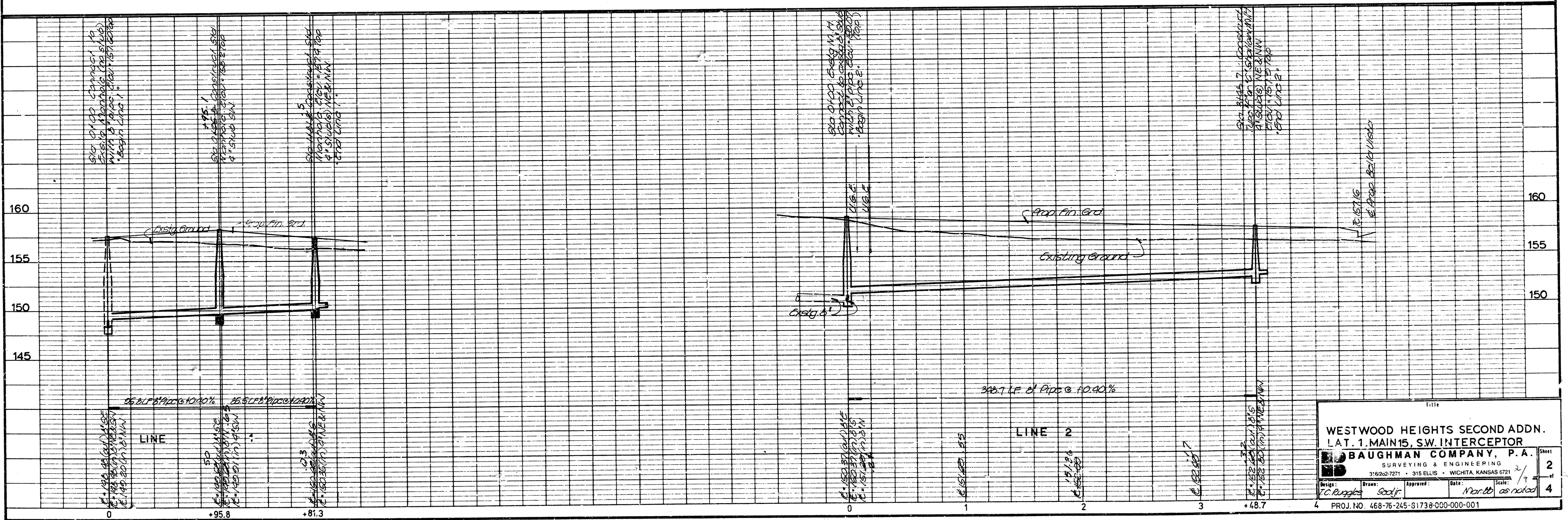
BENCHMARKS

1. 1' cut in top curb 10 ft. N.W. 1/4 of SW 1/4 cor. Lot 21, Blk. 11, Westwood Heights 2nd Addn. Elev. = 155.97 City datum
2. R.R. Spike in 'land' trac (NE 1/4 side) 103 ft. S. & 97 ft. W. of NE Cor. Lot 15, Blk. 2, Westlink Village 16th Addn. Elev. = 157.75 City datum

CAUTION!
SW Bell 1100
U.G. Cable

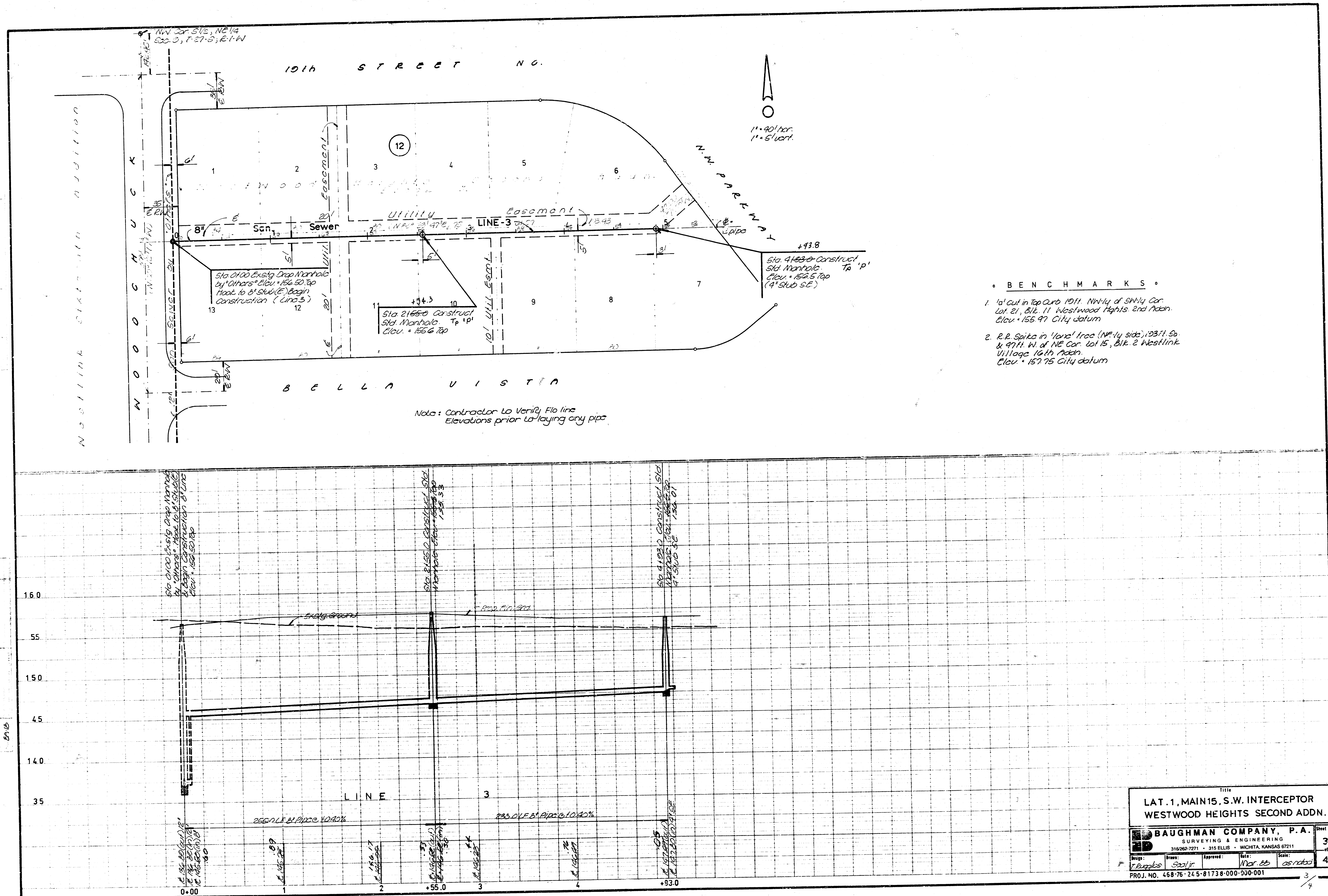


PROFILE	NOTED	DATE
	NO. 1	DATE
NOTE BOOK	NOTED	DATE
	NO. 1	DATE

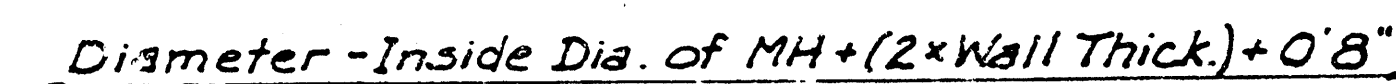


WESTWOOD HEIGHTS SECOND ADDN. LAT. 1. MAIN 15. SW. INTERCEPTOR			
BAUGHMAN COMPANY, P.A.			
SURVEYING & ENGINEERING			
315 ELLIS • WICHITA, KANSAS 6721			
Drawn:	Approved:	Date:	Scale:
J.C. Ruggles	Scott	10/1/77	as noted
PROJ. NO. 468-76-245-81738-000-000-001			

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FLAT CONCRETE SLAB DETAILS

- GENERAL NOTES
1. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE CEMENT MIX WITH AIR EXTRACTING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. ~~THE MANHOLE BASES SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS.~~ MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4". MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5". COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
 2. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED 8" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
 3. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES. THE OUTLET PIPE FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLUWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO HEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
 4. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRAWLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRAWLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRAWLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRAWL WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
 5. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWINGS.
 6. THE CROWN OF INFLUWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
 7. STANDARD SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE AND DIAMETER INDICATED. ~~STANDARD SHALLOW MANHOLES SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE AND DIAMETER INDICATED.~~ STANDARD SHALLOW MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

**CITY OF WICHITA, KANSAS
STANDARD SHALLOW MANHOLES
TYPE 'P' AND 'C'**

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