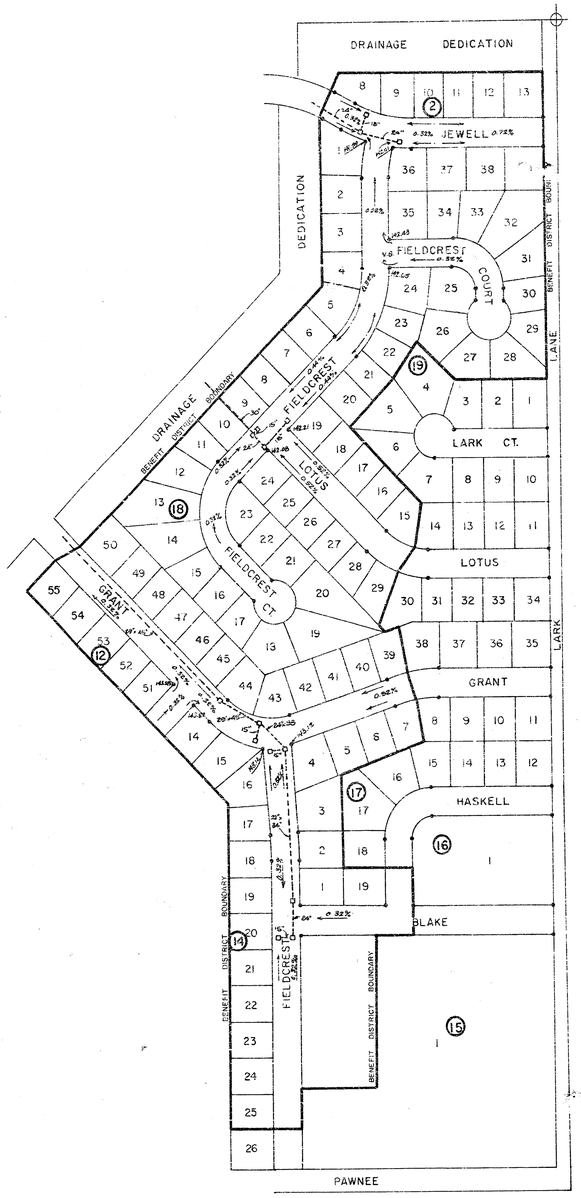
PAWNEE MESA ADDITION
STORM WATER SEWER NO. 184

PROJECT NO.
468-76-245-80939-000-000-001

CITY OF WICHITA, KANSAS
R. W. BRUGGEMAN, CITY ENGINEER



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1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.

2. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND THIMBLES DISTURBED DURING CONSTRUCTION.

3. THE TOPS OF INLETS AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATION OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.

4. ALL METAL PIPES SHALL BE HELICALLY CORRUGATED PIPE. ALL CORRUGATED PIPE SHALL BE SMOOTH FLOW PIPES FOR SIZES 24" DIAMETER AND LARGER. ALL CONNECTIONS FOR THESE PIPES SHALL BE OF FAIRLY WATERTIGHT CONSTRUCTION USING HUGGIE TYPE COUPLERS OR EQUAL.

5. ALL CONCRETE SHAL BE "6 - SACK CONCRETE" UNLESS OTHERWISE NOTED.

6. THE RIP-RAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 RIP-RAP SHAL BE 12" RIP-RAP ON 6" SAND AND GRAVEL BEDDING. THE ROCK FOR RIP-RAP AND GRAVEL PROTECTION SHALL BE HARD, DENSE, DURABLE AND SHALL BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK M.D SHALL BE A MAXIMUM OF ONE CUBIC FOOT AND A MINIMUM OF 1 1/2". THE 6" SAND AND GUAVEL BEDDING FOR RIP-RAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OR SAND AND CRUSHED ROCK, REASONARLY WELL GRADED TO A MAXIMUM OF 1 1/2" IN SIZE.

7. CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.

8. CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING PRECAST CONCRETE TYPE IA CURB INLETS IN LIEU OF THE BRICK TYPE STRUCTURE. SEE STANDARD DETAIL PRECAST TYPE IA CURB INLET DATED AUGUST, 1979.

9. TEMPORARY END SECTION SHALL BE USED AT END OF PIPE AT STA. 10 + 05 - LINE 1 AND STA 10 + 00 - LINE 2 IF FUTURE BOX CULVERT OR FUTURE INLET HAS NOT BEEN CONSTRUCTED.

Van Doren - Hazard - Stallings
Architects • Engineers • Planners
Topeka Wichita Minneapolis

Sheet 1 of 5

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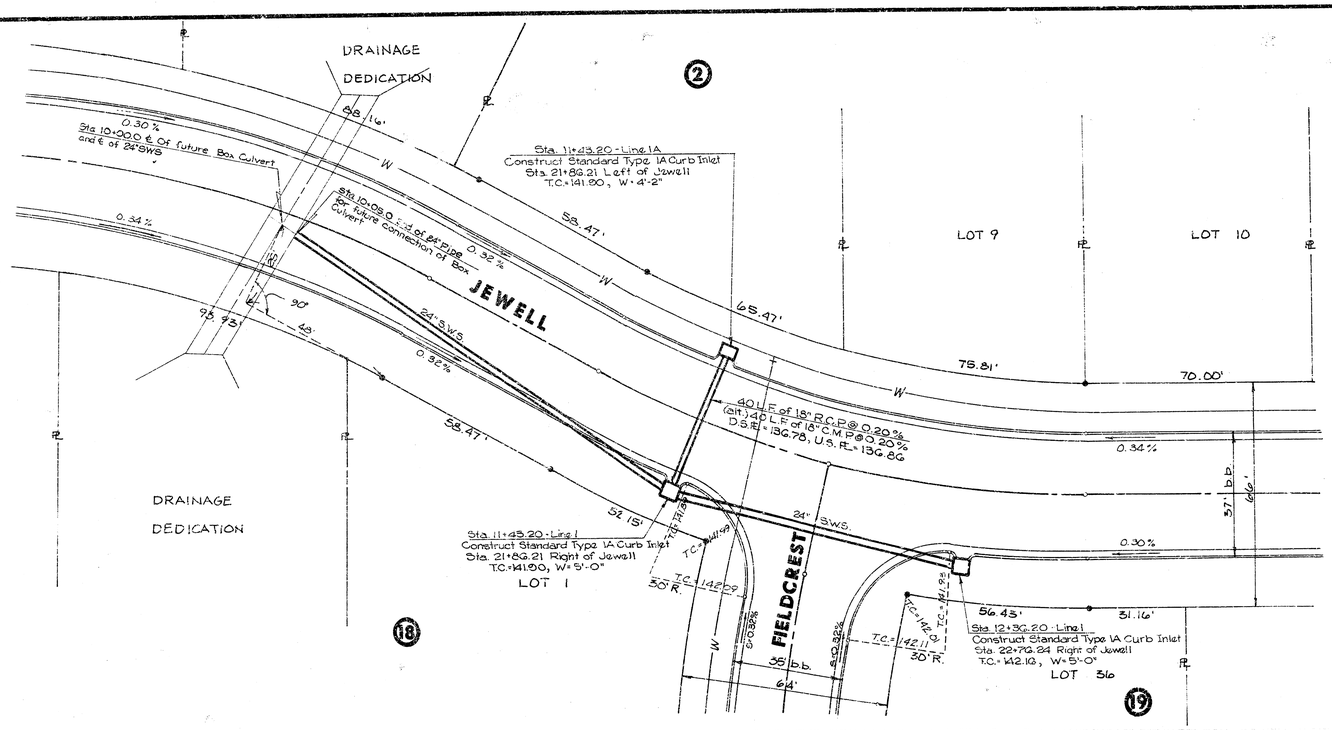
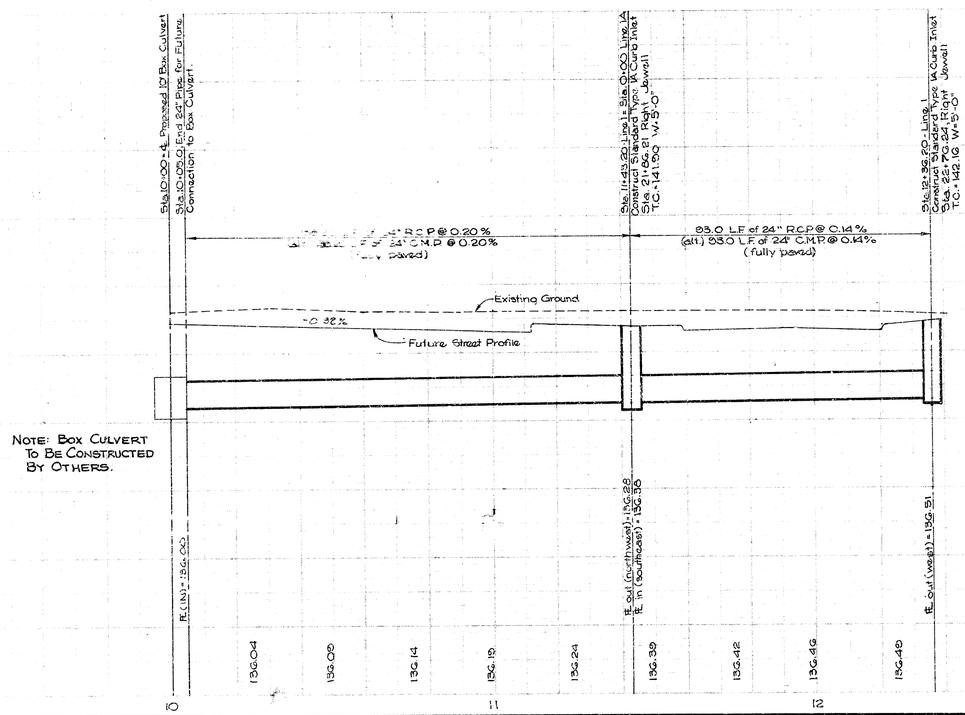


N

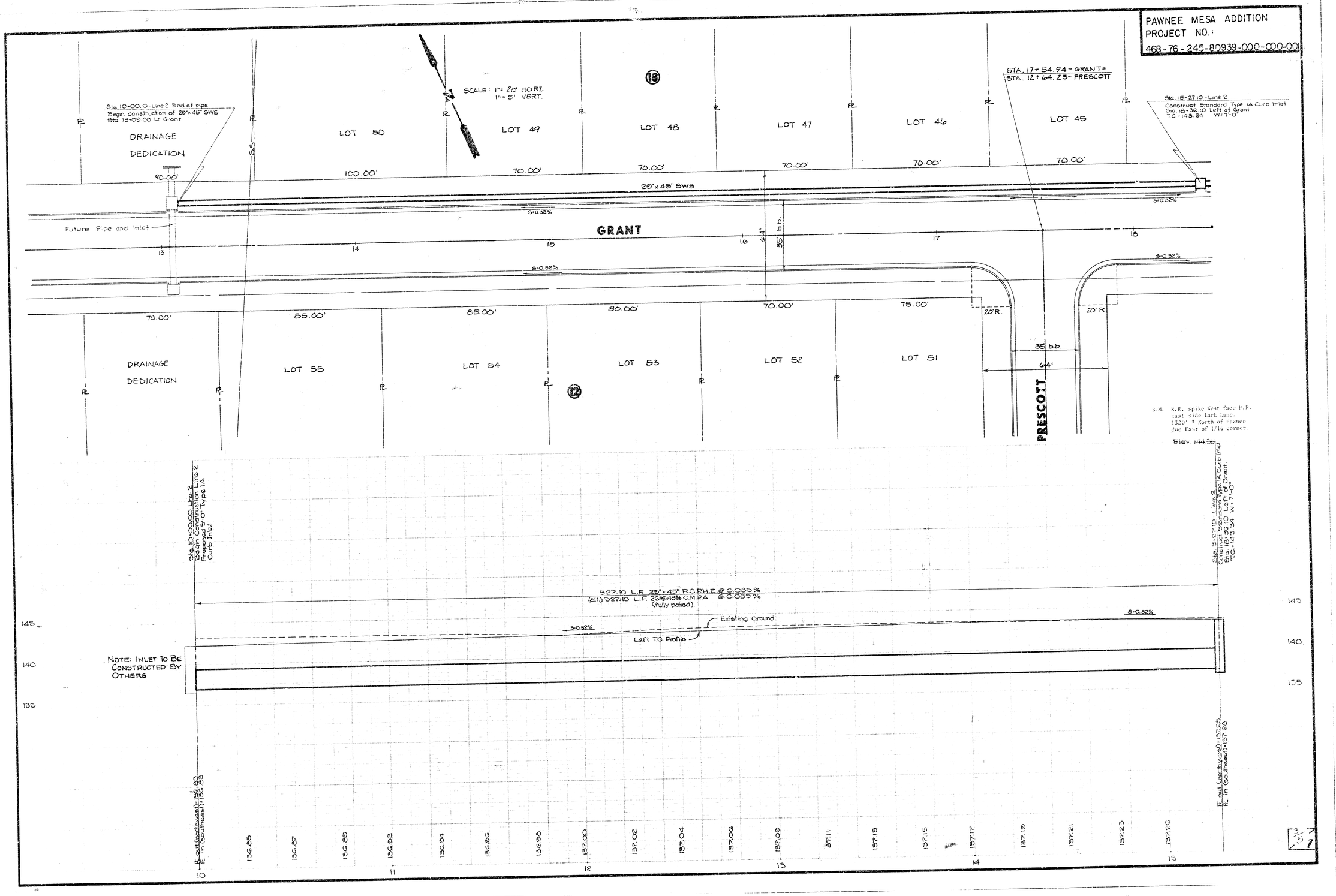
SCALE: 1" = 20'
1" = 5'

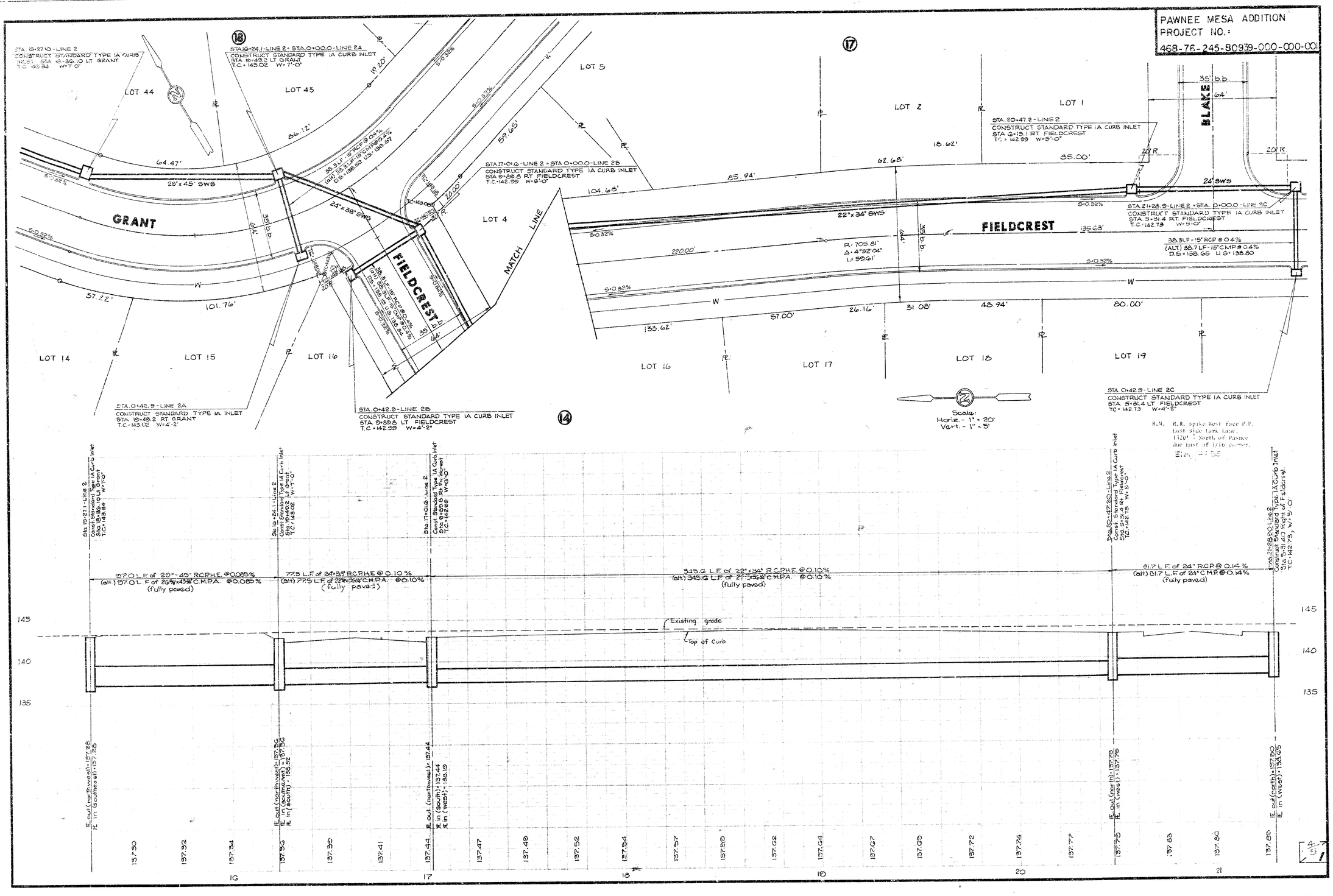
B.M. R.R. spike West face P.F. East side Park Lane. 1320' ± North of Pawnee due East of 1/16 corner.

Elev. 144.35



NOTE: BOX CULVERT TO BE CONSTRUCTED BY OTHERS.


PAWNEE MESA ADDITION
PROJECT NO.:
468-76-245-80939-000-000-001
SCALE: 1" = 20' HORZ.
1" = 5' VERT.
STA. 17+54.94 - GRANT =
STA. 12+64.23 - PRESCOTT
Sta. 10+00.0 - Line 2 End of pipe
Begin construction of 29"x45" SWS
Sta 13+09.00 Lt Grant
Sta. 15+27.10 - Line 2
Construct Standard Type 1A Curb Inlet
Sta. 18+36.10 Left of Grant
T.C. = 143.34 W = 7'-0"
DRAINAGE DEDICATION
LOT 50
LOT 49
LOT 48
LOT 47
LOT 46
LOT 45
90.00'
100.00'
70.00'
29"x45" SWS
S=0.32%
Future Pipe and Inlet
GRANT
35' b.b.
64'
20' R.
LOT 55
LOT 54
LOT 53
LOT 52
LOT 51
PRESCOTT
B.M. R.R. spike West face P.P. East side Lark Lane. 1320' ± North of Pawnee due East of 1/16 corner.
Elev. 144.55
Sta. 10+00.00 Line 2
Begin Construction Line 2
Proposed 5'-0" Type 1A
Curb Inlet
Sta. 5+27.10 - Line 2
Construct Standard Type 1A Curb Inlet
Sta. 18+36.10 Left of Grant.
T.C. = 143.34 W = 7'-0"
527.10 L.F. 29"x45" R.C.P.H.E. @ 0.085%
(alt.) 527.10 L.F. 26"x43" C.M.P.A. @ 0.085%
(fully paved)
Existing Ground
Left T.C. Profile
NOTE: INLET TO BE CONSTRUCTED BY OTHERS
145
140
135
136.85
136.87
136.89
136.92
136.94
136.96
136.98
137.00
137.02
137.04
137.06
137.09
137.11
137.13
137.15
137.17
137.19
137.21
137.23
137.26
10
11
12
13
14
15


PAWNEE MESA ADDITION
PROJECT NO.:
468-76-245-80939-000-000-001
GRANT
FIELDCREST
BLAKE
MATCH LINE
LOT 44
LOT 43
LOT 5
LOT 4
LOT 2
LOT 1
LOT 14
LOT 15
LOT 16
LOT 17
LOT 18
LOT 19
STA. 15+27.0 - LINE 2
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 18+36.10 LT GRANT
STA. 16+24.1 - LINE 2 - STA. 0+00.0 - LINE 2A
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 19+49.2 LT GRANT
STA. 17+01.6 - LINE 2 - STA 0+00.0 - LINE 2B
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 9+89.8 RT FIELDCREST
STA. 20+47.2 - LINE 2
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 6+13.1 RT. FIELDCREST
STA. 21+28.9 - LINE 2 - STA. 0+00.0 - LINE 2C
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 5+31.4 RT. FIELDCREST
STA. 0+42.9 - LINE 2A
CONSTRUCT STANDARD TYPE 1A INLET STA 19+49.2 RT GRANT
STA. 0+42.9 - LINE 2B
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 9+89.8 LT FIELDCREST
STA. 0+42.9 - LINE 2C
CONSTRUCT STANDARD TYPE 1A CURB INLET STA 5+31.4 LT FIELDCREST
Scale:
Horiz. - 1" = 20'
Vert. - 1" = 5'
Existing grade
Top of Curb
145
140
135
16
17
18
19
20
21

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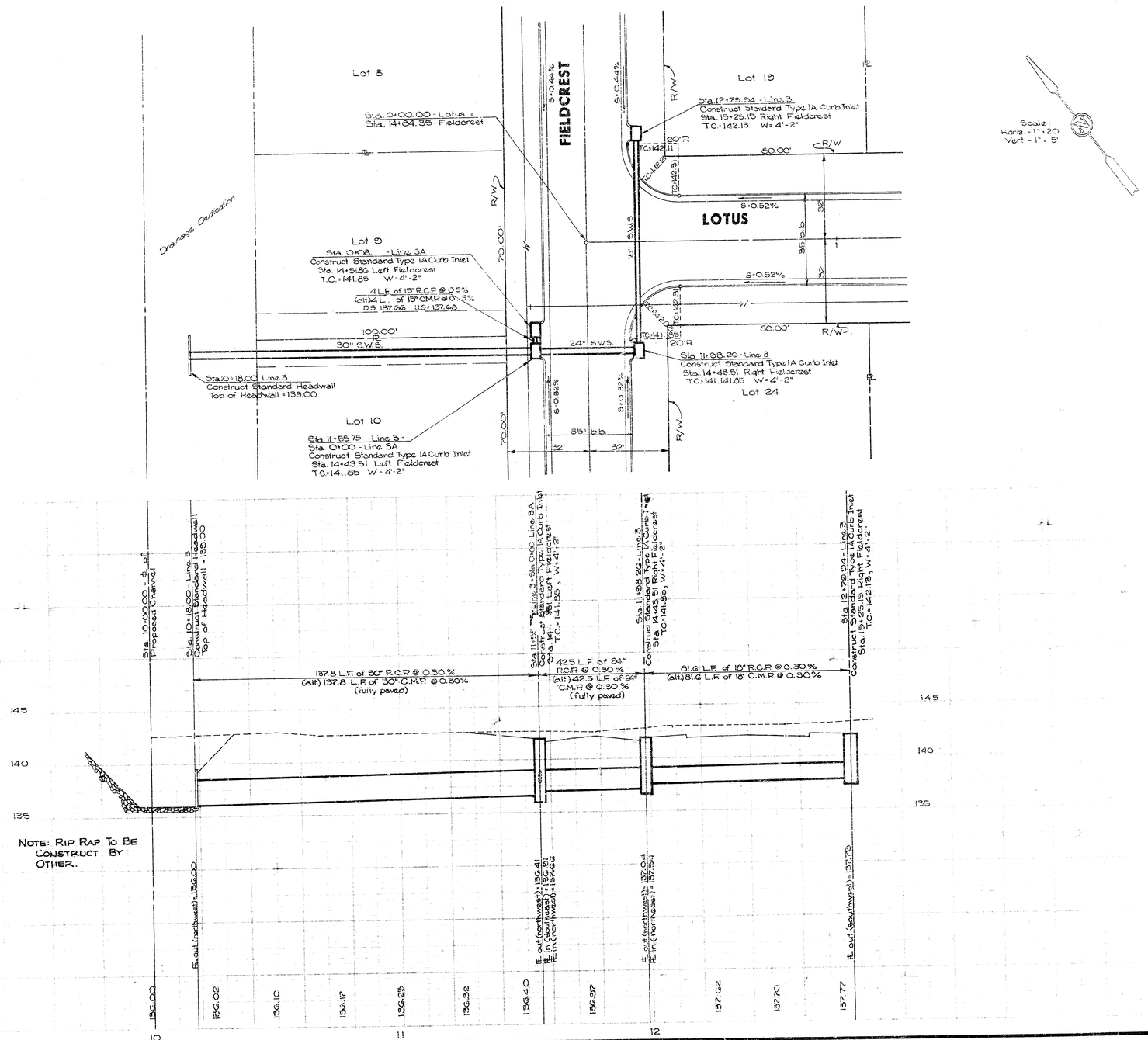

B.M. R.R. Spike West face P.P. East side Park Lane. 1520' ± North of Pawnee due East of 1/16 corner.