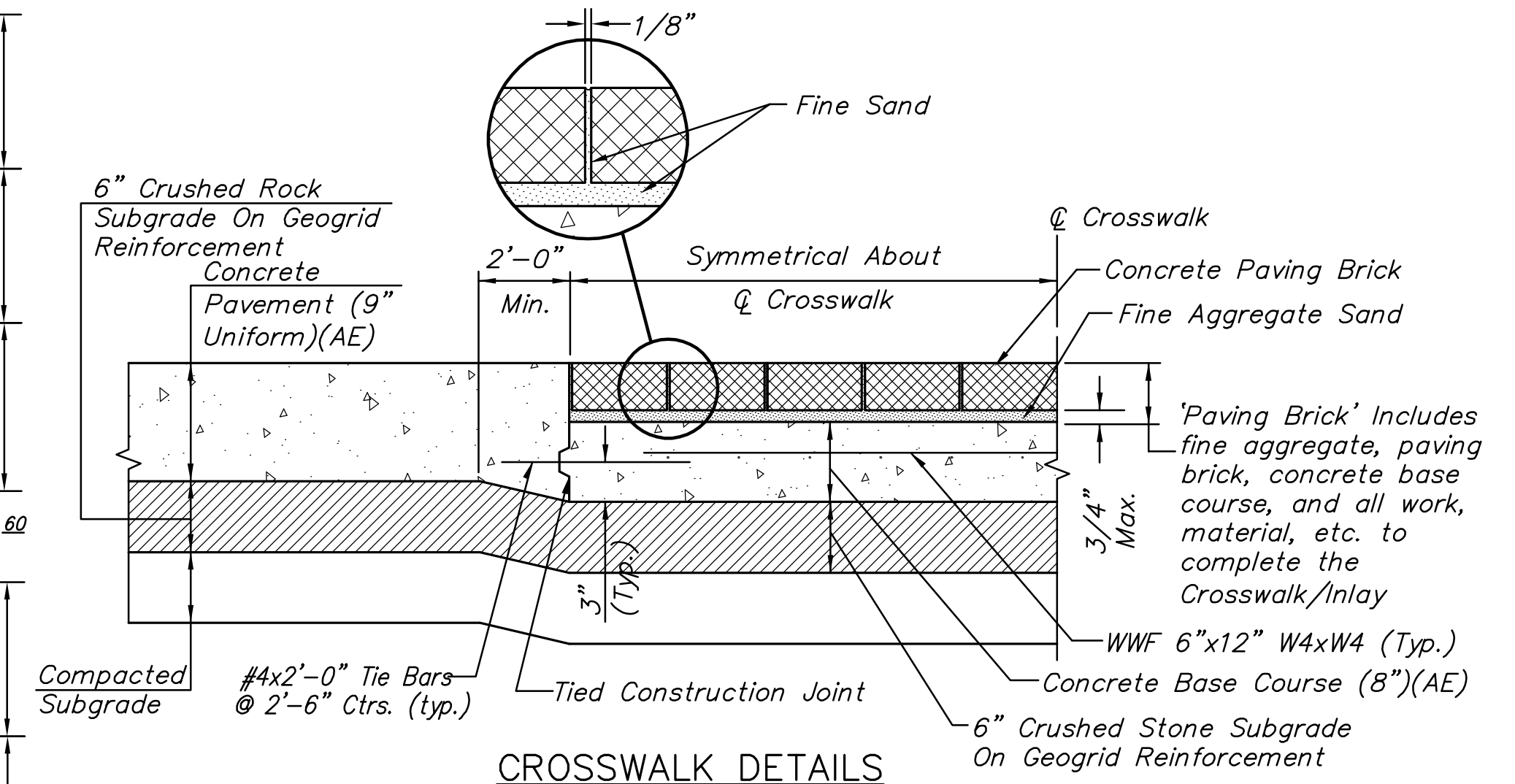


STREET IMPROVEMENTS FOR
135th Street West
from 13th Street to 21st Street North

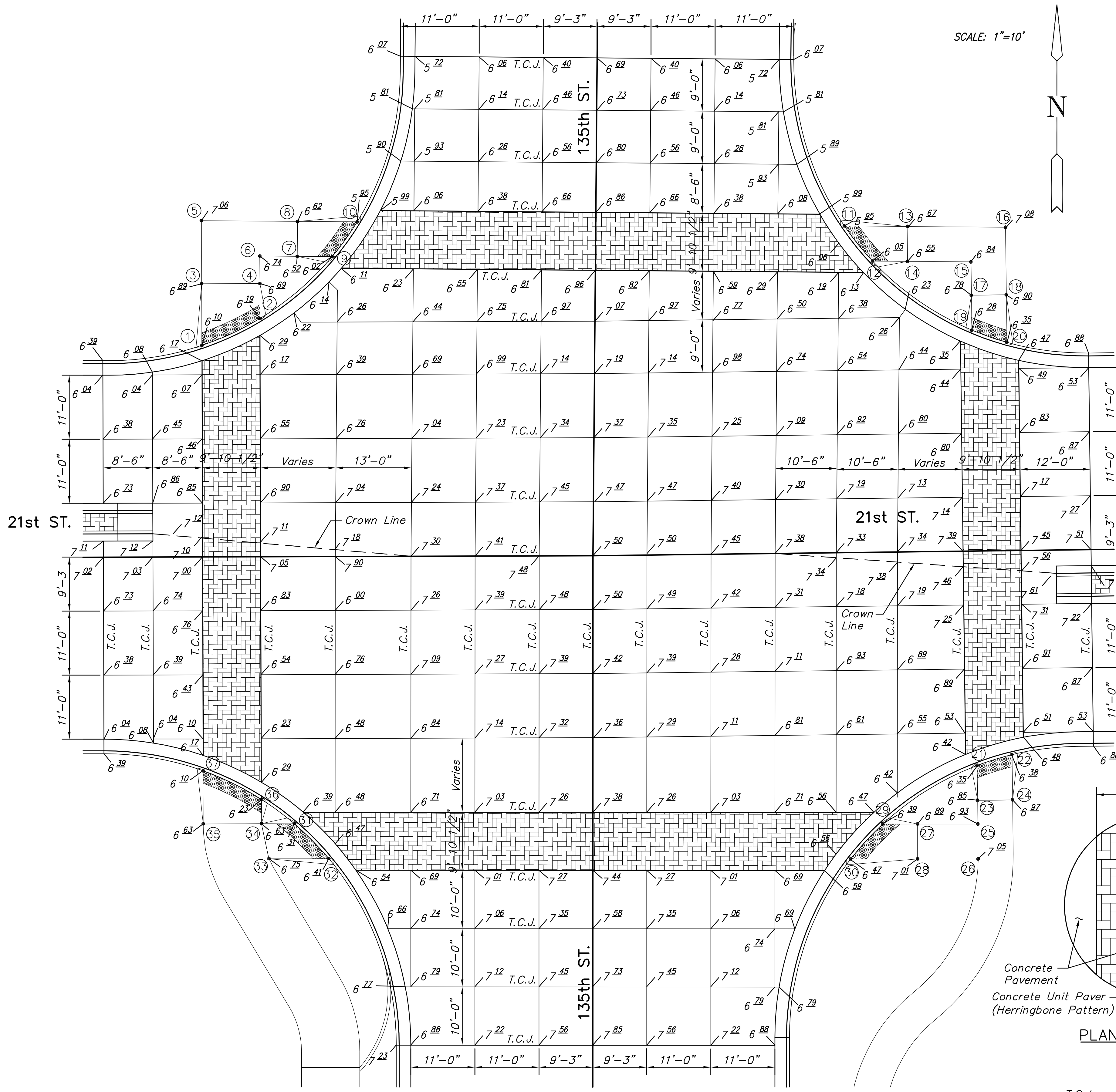
CROSSWALK NOTES:

- Concrete unit pavers shall meet or exceed ASTM C 936. The style shall be "Holland Stone" (4"x8"x3 1/8") as manufactured by Pavestone, Inc., or equal as approved by the engineer. Color shall be "charcoal red" and laying pattern shall be herringbone. Payment shall be at the contract bid price per square foot for concrete unit pavers.
- 8 inch concrete pavement base course shall be subsidiary to the bid price for unit paver crosswalk.
- Sand bedding shall meet the specification requirements for fine aggregate. An uncompacted sand laying course shall be spread evenly over the area to be paved and then screeded to a level of approximately 3/4" max. thickness. Once screeded and leveled to the desired elevation, the sand laying course shall not be disturbed in any way.
- The paving brick shall be installed in a herringbone pattern as shown in the plan. Stones shall be placed with the chamfered side up, and joint spaces kept uniform approximately 1/8 inch thick. The gaps at the edge of the paved surface shall be filled with stones cut to fit. Cutting shall be accomplished to leave a clean edge toward the traffic surface, using a masonry saw. Whenever possible, no cuts should result with a paver less than one-third of its original dimension.
- Paving brick shall be vibrated to their final level in the sand laying course by two or three passes of a vibrating compactor capable of 3000 to 5000 pounds compaction force with the surface clean and joints open.
- After vibration, clean concrete sand shall be spread over the paving stone surface, allowed to dry, and vibrated into the joints with additional passes of the plate vibrator so as to completely fill the joints. A light coating of sand shall be swept over the completed surface and left to weather in.
- Warp Flowline of Gutter as necessary in curb return of Intersection to avoid creating sumps.



CROSSWALK DETAILS

RAMP AND SIDEWALK POINT TABLE				
PT. NO.	STATION/OFFSET	NORTHING	EASTING	REMARKS
1	49+32.96, 36.30' Lt.	1698433.7714	1601963.3096	NW Quadrant at BC
2	49+42.96, 40.90' Lt.	1698438.6098	1601973.1963	NW Quadrant at BC
3	49+32.96, 46.90' Lt.	1698444.3680	1601963.0552	NW Quadrant
4	49+42.96, 46.90' Lt.	1698444.6081	1601973.0523	NW Quadrant
5	49+32.96, 57.74' Lt.	1698455.2044	1601962.7950	NW Quadrant
6	49+42.96, 51.63' Lt.	1698449.3331	1601972.9388	NW Quadrant
7	49+49.39, 51.55' Lt.	1698449.4150	1601979.3702	NW Quadrant
8	49+49.45, 57.55' Lt.	1698455.4145	1601979.2938	NW Quadrant
9	49+55.39, 51.49' Lt.	1688449.4914	1601985.3698	NW Quadrant at BC
10	49+59.71, 57.44' Lt.	1698455.5451	1601989.5447	NW Quadrant at BC
11	50+43.82, 56.10' Lt.	1698456.6099	1602073.1447	NE Quadrant at BC
12	50+48.59, 50.00' Lt.	1698450.6727	1602078.1125	NE Quadrant at BC
13	50+54.71, 55.87' Lt.	1698456.7486	1602084.0356	NE Quadrant
14	50+54.59, 49.87' Lt.	1698450.7491	1602084.1120	NE Quadrant
15	50+65.48, 49.65' Lt.	1698450.8879	1602095.0032	NE Quadrant
16	50+71.48, 55.53' Lt.	1698456.9622	1602100.8048	NE Quadrant
17	50+65.48, 43.92' Lt.	1698445.1633	1602095.1933	NE Quadrant
18	50+71.48, 43.92' Lt.	1698445.3624	1692101.1900	NE Quadrant
19	50+65.48, 37.92' Lt.	1698439.1666	1602095.3924	NE Quadrant at BC
20	50+71.48, 35.75' Lt.	1698437.1927	1602101.4612	NE Quadrant at BC
21	50+65.48, 36.81' Rt.	1698364.4774	1602097.8724	SE Quadrant at BC
22	50+71.48, 35.02' Rt.	1698366.4582	1602103.8099	SE Quadrant at BC
23	50+65.48, 42.81' Rt.	1698358.4807	1602098.0715	SE Quadrant
24	50+71.48, 42.81' Rt.	1698358.6798	1602104.0682	SE Quadrant
25	50+65.48, 46.86' Rt.	1698354.4096	1602098.2067	SE Quadrant
26	50+65.48, 52.88' Rt.	1698348.4123	1602098.3955	SE Quadrant
27	50+55.15, 46.75' Rt.	1698354.1979	1602087.8757	SE Quadrant
28	50+55.07, 52.75' Rt.	1698348.1991	1602087.9987	SE Quadrant
29	50+49.15, 46.67' Rt.	1698354.0749	1602081.8770	SE Quadrant at BC
30	50+43.58, 52.60' Rt.	1698347.9636	1602076.5087	SE Quadrant at BC
31	49+48.58, 45.86' Rt.	1698352.0050	1601980.9068	SW Quadrant at BC
32	49+54.49, 51.89' Rt.	1698346.1276	1601986.9511	SW Quadrant at BC
33	49+44.21, 51.85' Rt.	1698345.9169	1601976.6744	SW Quadrant
34	49+42.96, 45.85' Rt.	1698351.8847	1601975.2787	SW Quadrant
35	49+32.96, 45.85' Rt.	1698351.6446	1601965.2816	SW Quadrant
36	49+42.96, 41.67' Rt.	1698356.0661	1601975.1783	SW Quadrant at BC
37	49+32.96, 36.73' Rt.	1698360.7627	1601965.0627	SW Quadrant at BC



PLAN - CROSSWALK

LEGEND

- T.C.J. = Tied Construction Joint
- D.I.J. = Dowel Isolation Joint
- D.C.J. = Doweled Contraction Joint
- L.C.J. = Longitudinal Joint
- 6.18 = Surface Spot Elevation
- = Direction of Surface Flow

NOTE: See Sh. No. 2 for Paving Notes.

PLAN

135TH & 21ST INTERSECTION DETAIL

SHEET TITLE
MKEC PROJ #10265
PROJECT NUMBER

JRA
DESIGN BY
JSB
DRAWN BY
JRA
CHECKED BY

ISSUED
February 2012
REVISED

SHEET NO.
57 of 231