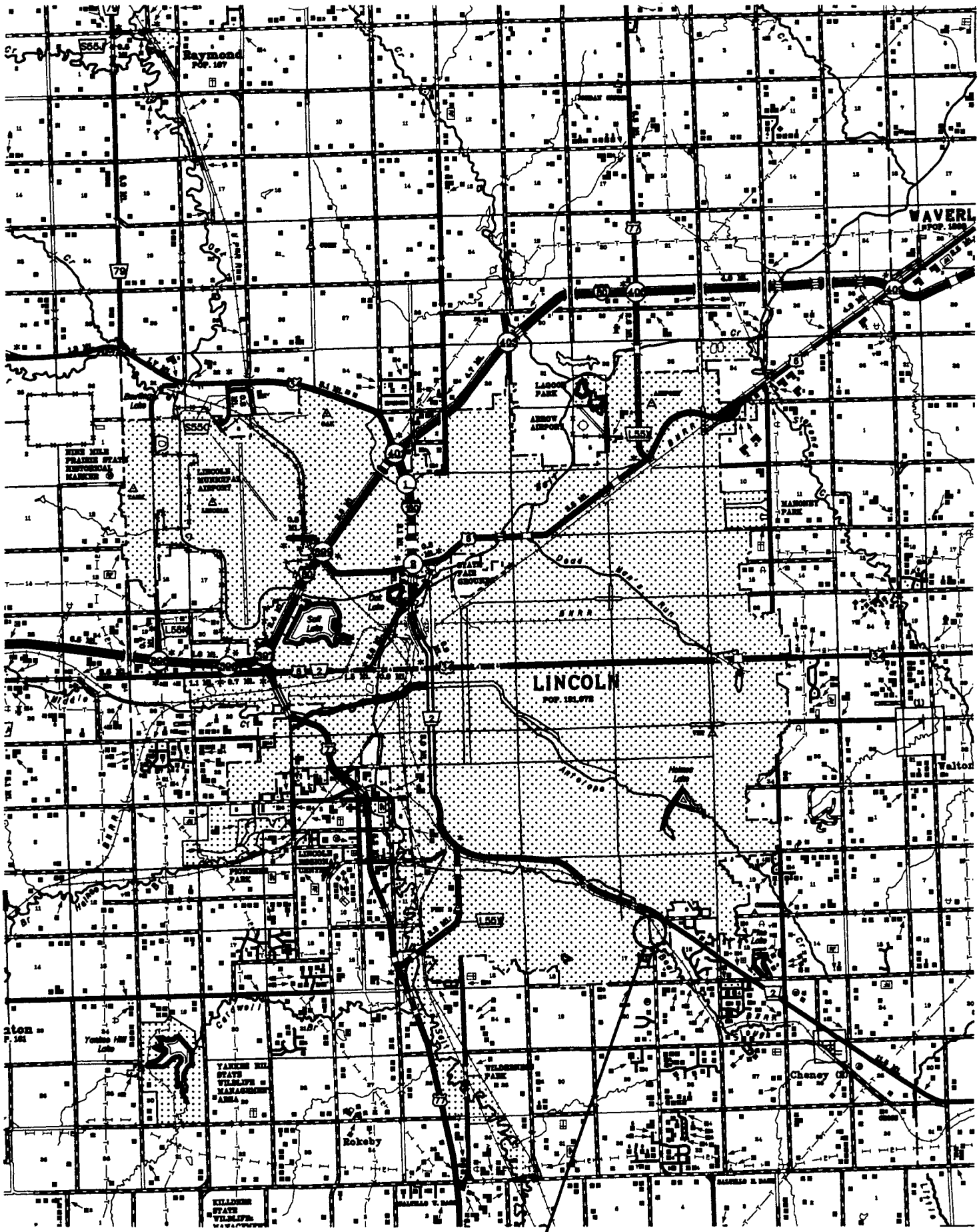
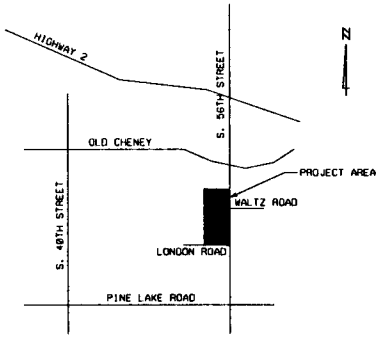

Raymond
LINCOLN
WAVERL
Walton
Cheney
Rokeby
LAGOON PARK
ARROW AIRPORT
MAHONEY PARK
LINCOLN MUNICIPAL AIRPORT
NINE MILE PRAIRIE STATE HISTORICAL MARKER
STATE FAIR GROUNDS
Salt Lake
Oak Lake
Yankee Hill Lake
YANKEE HILL STATE WILDLIFE MANAGEMENT AREA
WILDERNESS PARK
KILLDEER STATE WILDLIFE MANAGEMENT
Dead Man's Run
Antelope
Holmes Lake
Bowling Lake
Cardwell
PROJECT LOCATION

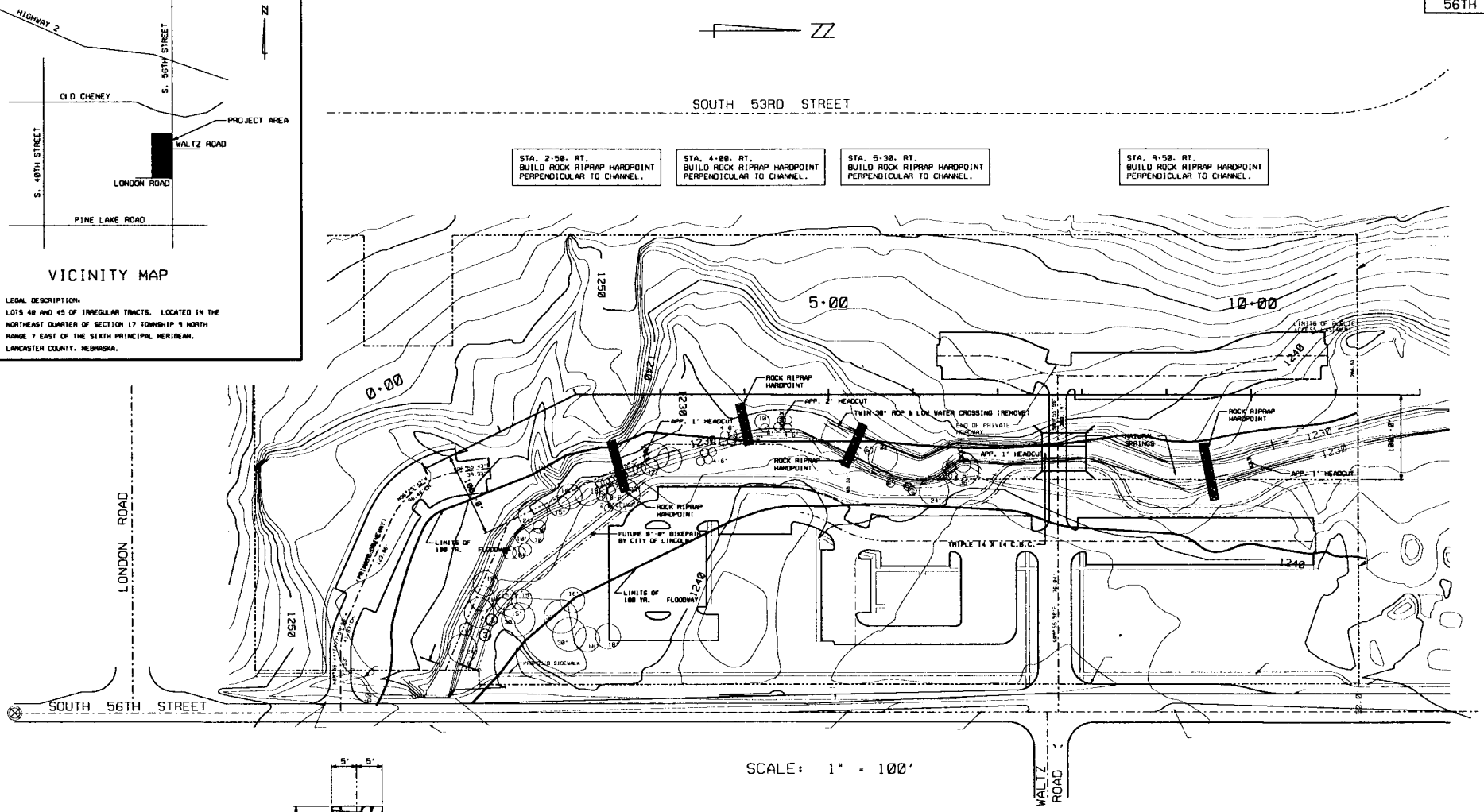
PROJECT NUMBER
56TH & WALTZ

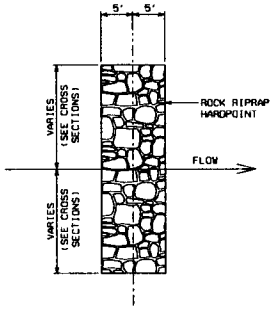
C. N.
STRUCTURE NO.




VICINITY MAP

LEGAL DESCRIPTION:
LOTS 40 AND 45 OF IRREGULAR TRACTS, LOCATED IN THE NORTHEAST QUARTER OF SECTION 17 TOWNSHIP 9 NORTH RANGE 7 EAST OF THE SIXTH PRINCIPAL MERIDEAN, LANCASTER COUNTY, NEBRASKA.




TYPICAL ROCK RIPRAP HARDPOINT
NOT TO SCALE

# NOTES

REMOVE TREE AND BRUSH DEBRIS FROM CHANNEL IMMEDIATELY UPSTREAM OF LOW WATER CROSSING AT STA. 5+00.

CONSTRUCT TYPE 'B' ROCK RIPRAP HARDPOINTS AT STA. 2+50, 4+00, 5+30 & 9+50 SHIFT PLACEMENT OF HARDPOINTS IF NEEDED TO REDUCE TREE CONFLICTS AND TO BEST FIT STREAM BANKS. TRANSITION BANK BACK TO NATURAL 15' UPSTREAM AND DOWNSTREAM. PLACE FILTER FABRIC UNDER ALL ROCK RIPRAP.

PLACE EROSION CONTROL BLANKETS ON ALL 2:1 SIDE SLOPES AND TRANSITION AREAS. SEED ALL OTHER DISTURBED AREAS.

REMOVE TWIN 30" RCP & LOW WATER CROSSING AT APPROXIMATELY STA. 5+00

MAXIMUM CHANNEL VELOCITY FOR TYPE 'B' ROCK RIPRAP IS 14.0 FT/SEC PER CITY OF LINCOLN DRAINAGE CRITERIA MANUAL.

MAXIMUM PROPOSED CHANNEL VELOCITY IS 10.3 FT/SEC PER DESIGN RUN.

CHANNEL IMPROVEMENT LAYOUT

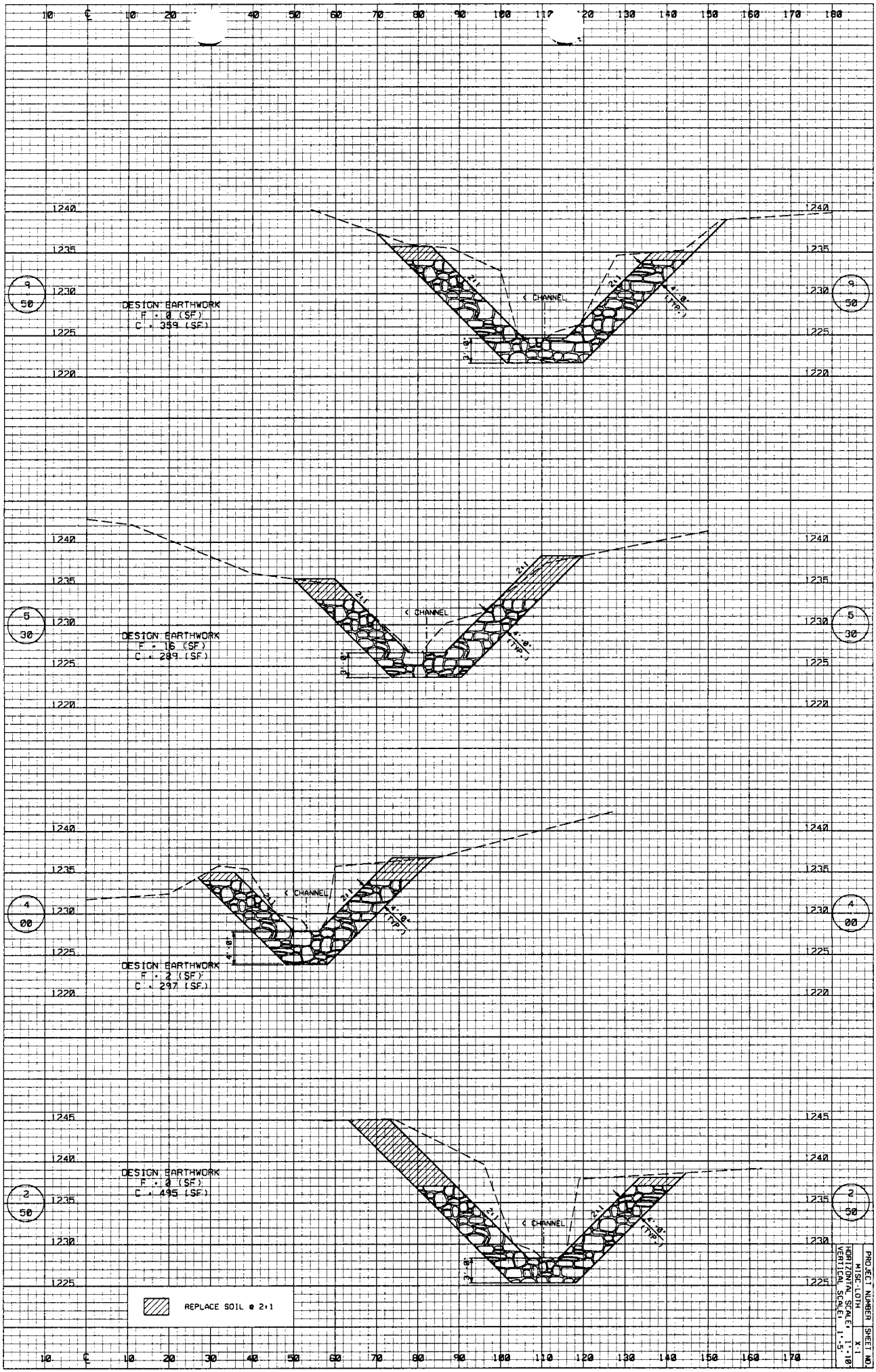
COUNTY LANCASTER
LOCATION 56TH & WALTZ

DATE SEPTEMBER
DESIGNED BY:
DRAWN BY:
CHECKED BY:
TAILED BY:

SPEECE-LEWIS ENGINEERS

LINCOLN

SPECIAL PLAN NO. 1
1 / 1


9 50
DESIGN EARTHWORK
F = 0 (SF)
C = 359 (SF)
℄ CHANNEL
2:1
4'-0" (TYP.)
3'-0"
5 30
DESIGN EARTHWORK
F = 16 (SF)
C = 289 (SF)
4 00
DESIGN EARTHWORK
F = 2 (SF)
C = 297 (SF)
4'-0"
2 50
DESIGN EARTHWORK
F = 0 (SF)
C = 495 (SF)
REPLACE SOIL @ 2:1
PROJECT NUMBER
MISC. LOTH
HORIZONTAL SCALE: 1" = 1'
VERTICAL SCALE: 1" = 5'
SHEET NO.