SPUR # 1-L
TANGENT
Δ = 164° 15'
R = 80.00
A = 229.11
T = 413.00
L = 459.21
PC = 15+24 = 0+00
PT = 0+69.21 = END
GRADE = 8.981%

SIDE SLAB TO BE EXTENDED TO A DEPTH OF 4'-4" FROM FLOW ON OUTSIDE OF CURVE FROM STA 16+16 TO STA. 16+24

TRASH RACK

N 1°48' W

TOP OF CREEK BANK

SPUR # 1-R
SEE SHEET #2

CURVE No 2
TANGENT
Δ = 25° 09'
R = 381.00
A = 167.30
T = 84.43
L = 167.30
PC = 14+66.00
PT = 16+33.73

APPROXIMATE LIMIT OF STR'T WORK

N 21°55' E

APPROXIMATE LIMIT OF STR'T WORK

CURVE No 3
D = 26° 43'
A = 49° 43'
R = 215.84
T = 100.00
L = 187.30
PC = 20+98.37
PT = 22+79.67

N 27°48' W

SPUR # 2-L
TANGENT
Δ = 16° 26'
R = 348.70
A = 100.00
T = 50.00
L = 138.16
PC = 25+67.06 = 0+00
PT = 1+38.16
END = 1+88.60
GRADE 16.656%

TRASH RACK

CURVE No 4
D = 35° 21'
A = 45° 10'
R = 162.05
T = 70.00
L = 139.98
PC = 25+67.06
PT = 27+00.38

SEE SHEET #2 FOR PROFILE

SPUR # 2-R
TANGENT
Δ = 78° 44' R
R = 60.00
A = 82.48
T = 50.00
L = 100.78
PC = 21+43 = 0+00
PT = 1+00.78
END = 1+14.72
GRADE = 13.067%

TRASH RACK

VERT. WALL
SEE SHEET #2 FOR PROFILE

PLAN — SCALE 1"=50'

NOTE: BERM TO BE A MINIMUM OF 6" HIGHER THAN EDGE OF DITCH ON FILLS

GRADE 2%

4'-0" 4'-0"

TOTAL DEPTH 3'-4"

S 1½:1 SLOPE ON CUTS

NOTE: WEEP HOLES TO BE PLACED AT HIGH SIDE OF EACH CUT-OFF WALL AT 45° ANGLE TO FLOW.

S 1½:1 SLOPE

2" W.I. PIPE WEEP HOLE

CLASS "A" CONCRETE

U-3 FINISH

10 CU. FT. OF GRAVEL

2" W.I. PIPE WEEP HOLE

10 CU. FT. GRAVEL

LONGITUDINAL JOINTS - SEE SHEET #2

DOTTED LINES INDICATE 12" CUT-OFF WALLS TO BE PLACED AS SHOWN ON PROFILE

NOTE: CUT-OFF WALLS TO BE POURED A MINIMUM OF 8 HOURS IN ADVANCE OF BOTTOM & SIDE SLABS

TYPICAL SECTION OF MAIN DITCH

GRADE + 612.21
GRADE + 617.26
GRADE + 622.32
GRADE + 627.37
GRADE + 632.42
GRADE + 637.48
GRADE + 642.50
GRADE + 643.52
GRADE + 650.21
GRADE + 655.90
GRADE + 663.60
GRADE + 676.99
GRADE + 683.68
GRADE + 688.30
GRADE + 691.16
GRADE + 700.37

OUTSIDE OF CURVE

5.054% 6-4"

℄ OF DITCH ON FLOW

3'-4"

ROCK

CUT OFF WALL

TOP OF BANK

FILL

CUT OFF WALL

+600° 12 13 14 15 16 17 18 19 20 21 22 +630° 23 24 25 26

PROFILE ALONG ℄ OF DITCH SCALE: 1"=50' HOR. & 1"=10' VERT.

SHEET # 3 OF 21

GLEN ALDEN CORPORATION
SURFACE DRAINAGE PROJECT No
WADHAMS CREEK
PLYMOUTH BORO. & TWP, LUZERNE COUNTY, PA.
SCALES AS NOTED AUGUST, 1958