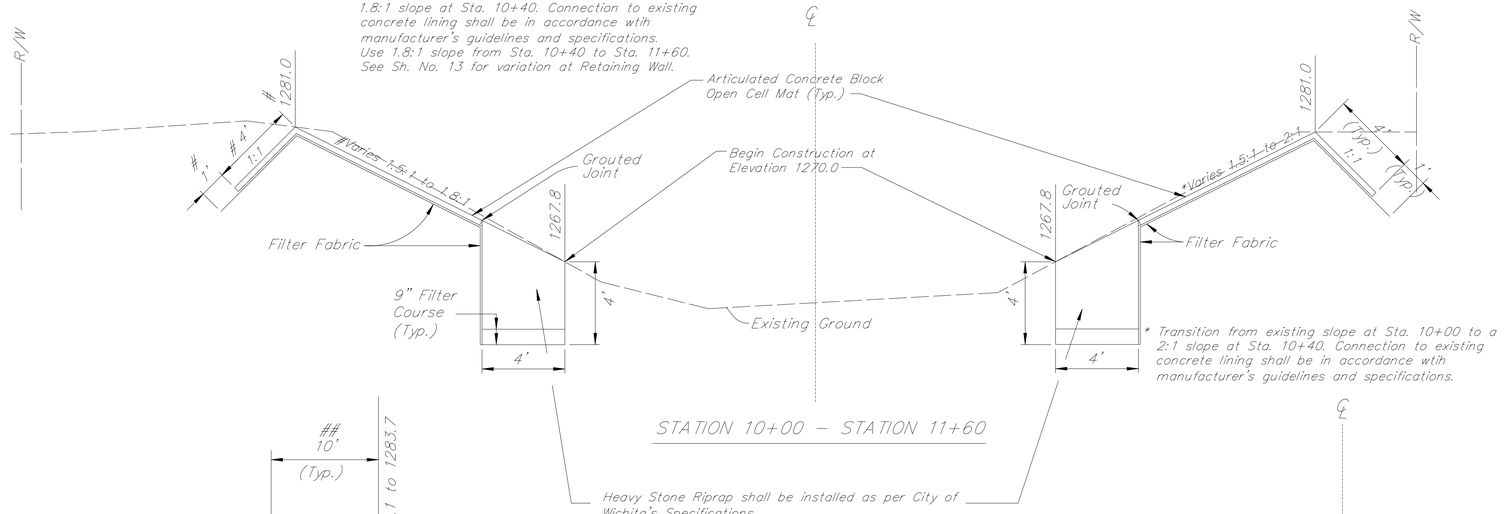
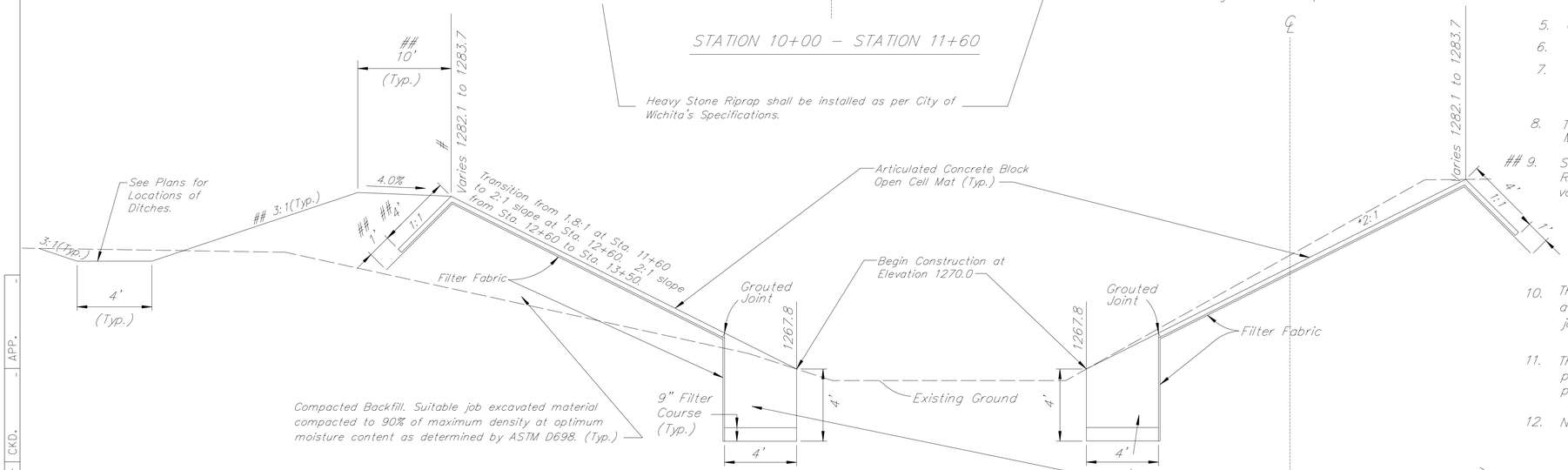
SHEET NO.	TOTAL SHEETS
4	46

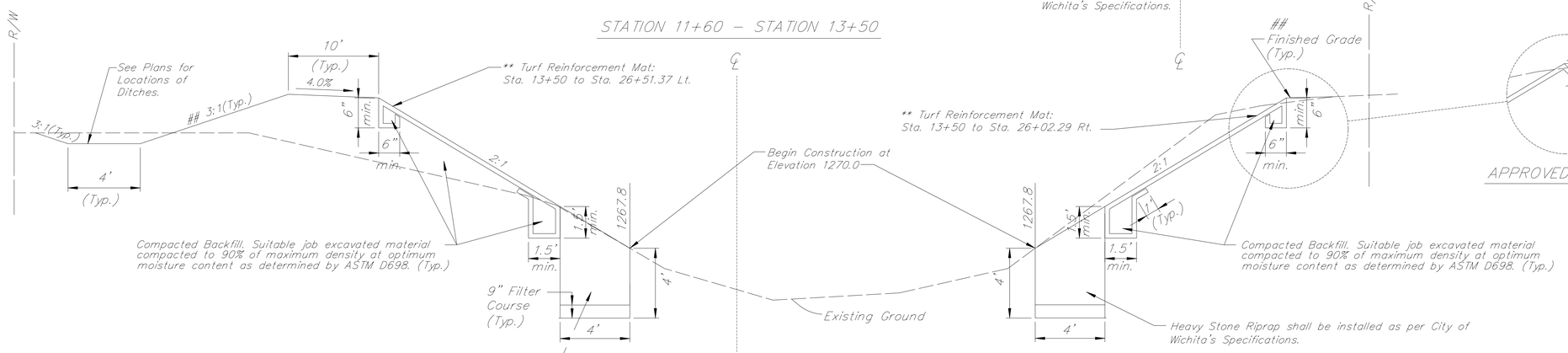


STATION 10+00 – STATION 11+60

Heavy Stone Riprap shall be installed as per City of Wichita's Specifications.



STATION 11+60 – STATION 13+50



STATION 13+50 – STATION 26+51.37

APPROVED OPTION

Heavy Stone Riprap shall be installed as per City of Wichita's Specifications.

** Connection to articulated concrete block mats shall be in accordance with manufacturer's guidelines and specifications. Turf Reinforcement Mat shall overlap the articulated concrete block mat 18" and shall utilize 12" pins with washers at all block openings for connection at Sta. 13+50.

GENERAL NOTES

1. Articulated concrete blocks shall be assembled into prefabricated mats using polyester or galvanized cable. Blocks shall be interlocking by use of a staggered configuration when mats are assembled. Dead men, Helix or Duckbill anchors may be used to anchor mats at toe and top of slope.
2. Articulated Concrete Block Mats :
   a. Block Weight : 78–89 lbs 43–50 lbs/sq.ft. (Closed Cell)
   b. Block Weight : 62–71 lbs 35–40 lbs/sq.ft. (Open Cell)
   c. Open Area : 20% (Open Cell) 10% (Closed Cell)
   d. Specific Weight : 130–150 lbs/cu.ft.
   e. Compressive Strength : 4000 lbs/sq.in.
   f. Maximum Absorbtion : 12 lbs/cu.ft.
   g. Open Cell : Armorflex Class 40 by Armortec Concrete Erosion Control Systems, or approved equal.
   h. Backfilled with suitable top soil and hydroseeded.
3. Erosion Control/Turf Reinforcement Mat : Landlok 300 by SI Geosolutions, or approved equal See project special provisions for additional requirements.
4. Filter Fabric : a. Geotex 106F by Propex Inc., or approved equal.
5. Cross–sections on Sheets 35 thru 43 are perpendicular to the baseline.
6. See Cross–sections sheets for top of slope elevations and flowline of ditches.
7. All Installation of articulated concrete block mats, turf reinforcement mats and filter fabric shall be in accordance with the manufacturers guidelines and specifications.
8. The filter fabric shall be subsidiary to the Articulated Concrete Block Mats, and not paid for seperately.

9. See Plans, Cross–sections, and Retaining Wall details for variations.

10. The articulated concrete block mat shall be anchored with Duckbill Anchors at 4' centers (1 Minimum if mat is less than 4' in width) along grouted joint as per manufacturer's recommendations.
11. The bridge at Hillside may be under construction simultaneously with this project. Contractor shall coordinate all work with contractors of adjacent projects.
12. Normal Pool Water Surface Elevation = 1265.9

CITY OF WICHITA
JAMES ARMOUR, P.E., CITY ENGINEER

GYPSUM CREEK

TYPICAL SECTIONS

CITY OF WICHITA PROJECT NO. 468-82473

PB PARSONS BRINCKERHOFF
Wichita, Kansas

SCALE	DATE	DWG. NO.
N.T.S.	11/20/2007	32158A

K:\32158A\CADD\SHEETS\DRAINAGE\02 Typ.dgn
SURV. JG, CP | PLOT | CADD | DES. | DR. | TR. | CK'D. | APP.
\32158K\TYP
SCALE 1"=10'