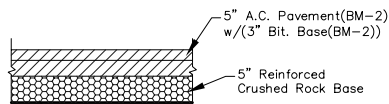


**Typical Asphalt Pavement Section**  
(No Scale)



CONTRACTOR SHALL PROOFROLL EXISTING SUBGRADE SOILS WITH A LOADED WATER TRUCK APPROVED BY THE ENGINEER IN THE PRESENCE OF THE PROJECT INSPECTOR FOR APPROVAL OF SUBGRADE STABILITY PRIOR TO PLACEMENT OF GEOGRID AND CRUSHED ROCK BASE. IF UNSUITABLE MATERIAL IS ENCOUNTERED IT SHALL BE EXCAVATED AND REPLACED WITH SELECT MATERIAL AS DIRECTED BY THE ENGINEER. COMPACTION REQUIREMENTS SHALL MEET TYPE B, MR-90 SPECIFICATIONS. COST FOR PROOFROLLING AND ANY REWORK OF SUBGRADE SOILS IS SUBSIDIARY TO "REINFORCED CRUSHED ROCK BASE".

ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.

**General Notes**

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORM GRADED FROM 1-1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF AC PAVEMENT 5" (3" BIT. BASE).

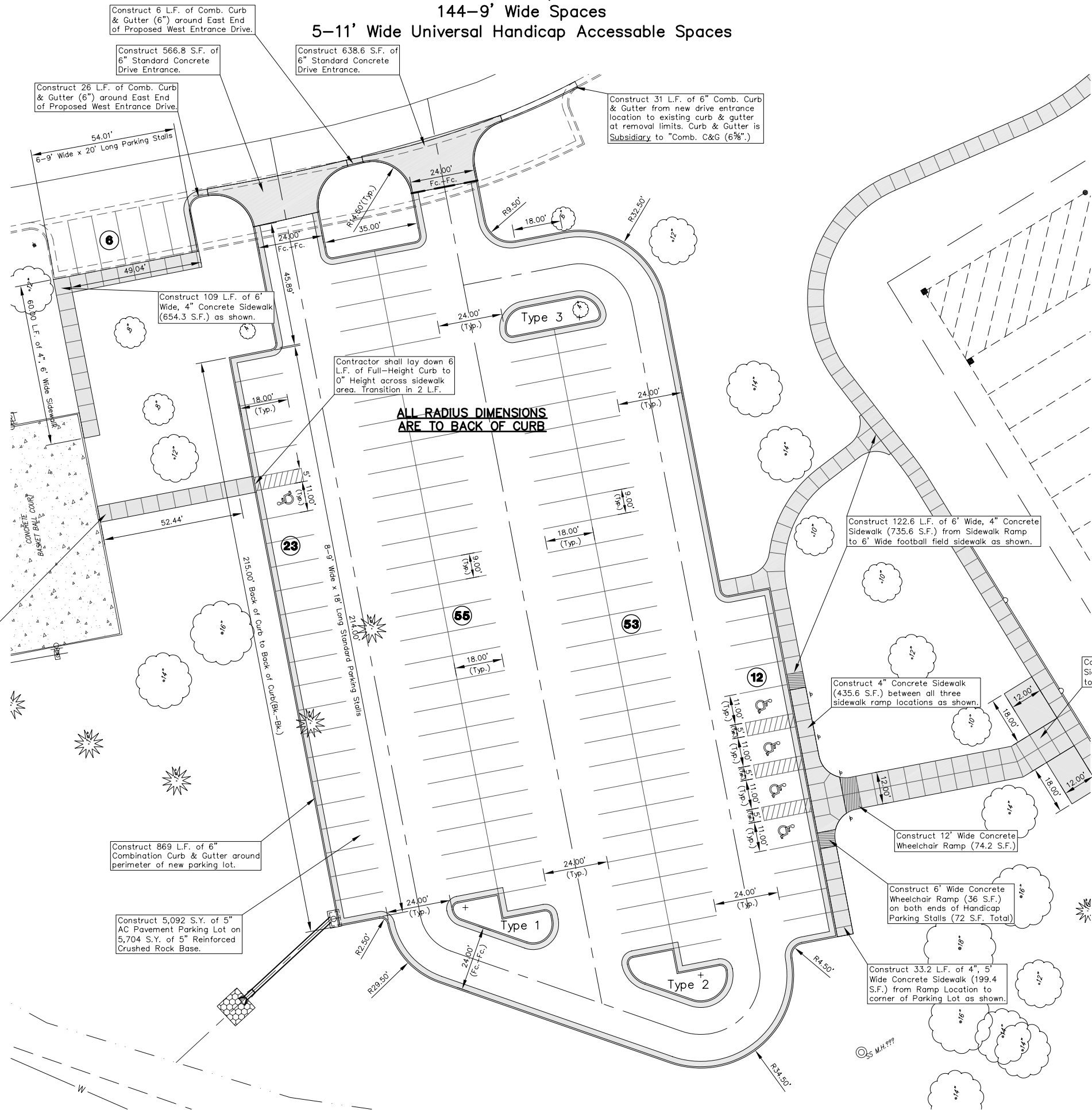
**SOUTH PARKING LOT SITE DIMENSION & LAYOUT PLAN**

Proposed Asphalt Parking Lot

149 Total Spaces

144-9' Wide Spaces

5-11' Wide Universal Handicap Accessible Spaces



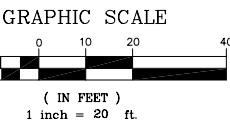
**PARKING SPACE CALCULATIONS**

Required Parking Spaces=79  
3-11' Wide Universal Accessible Space  
2-5' Wide Access Aisle  
76-9' Wide Standard Spaces

Provided Parking Spaces=139  
5-11' Wide Universal Accessible Space  
3-5' Wide Access Aisle  
134-9' Wide Standard Spaces

Criteria used for Required Parking Stalls:  
1. 1 Stall per 100 S.F. of playing field.  
2. 1 Stall per 3 seats.

Proposed Field=45,000 S.F.  
Proposed Seating=100 Seats



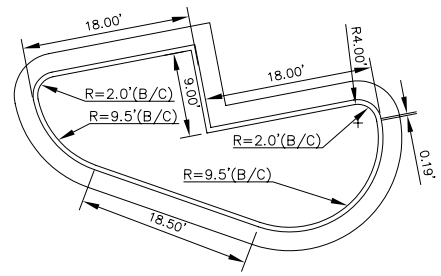
- LEGEND**
- G = GAS MAIN
  - W = WATER MAIN
  - SS = SANITARY SEWER
  - SWS = STORM WATER SEWER
  - UGE = UNDER GROUND ELECTRIC
  - UGT = UNDER GROUND TELEPHONE
  - FOT = BURRIED FIBER OPTIC TELEPHONE

- B.M. = BENCH MARK
  - E.B. = ELECTRIC BOX
  - G.A. = GUY ANCHOR
  - G.R. = GROUND ROD
  - H.L.P. = HIGH LINE POLE
  - L.P. = LIGHT POLE
  - P. = POST
  - P.P. = POWER POLE
  - S. = SIGN
  - SAV = 1/2" REBAR W/SAVOY CAP (SET)
- Bench Mark #2: Square Cut on top of W. Curb line of Jewett Street across from Drive Entrance to Parking Lot on S. Side of Fees Street. Elevation = 1328.29 NGVD
- Bench Mark #2: Square Cut on top of W. Curb line of Jewett Street across from Drive Entrance to Parking Lot on S. Side of Fees Street. Elevation = 1328.35 NGVD

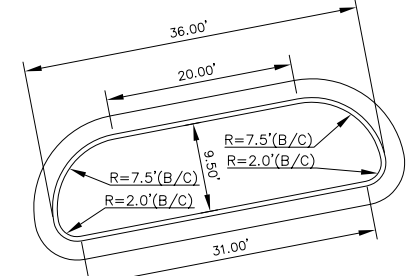
- CTL PT#1  
N 19743.574  
E 19698.116
- CTL PT#2  
N 19333.862  
E 20362.772

Proposed Concrete Pavement (Driveway, Sidewalk and Curb & Gutter)

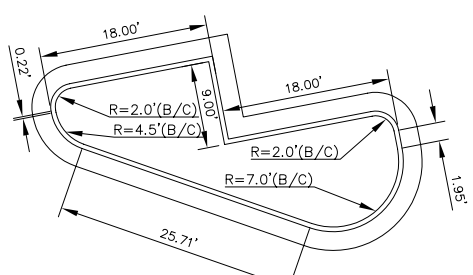
UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.



**TYPE 2 ISLAND DETAIL**  
1 REQUIRED  
97.88 L.F. of Curb



**TYPE 3 ISLAND DETAIL**  
1 REQUIRED  
83.99 L.F. of Curb



**TYPE 1 ISLAND DETAIL**  
1 REQUIRED  
96.68 L.F. of Curb

**ALL RADIUS DIMENSIONS ARE TO BACK OF CURB**

**ALL RADIUS DIMENSIONS ARE TO BACK OF CURB**

**SOUTH PARKING LOT DIMENSION & LAYOUT PLAN**  
PLANEVIEW PARK, WICHITA, KANSAS  
CED PROJ. NO.: 20051351  
**CERTIFIED ENGINEERING DESIGN, P.A.**  
810 WEST DOUGLAS, SUITE C  
WICHITA, KANSAS 67203  
PH.(316)262-8808 FAX.(316)262-1669

DESIGNED: HDF	SCALE: 1"=20'	SHEET 7
DRAWN: CKW	DATE: 6/06	
CHECKED: HDF	CED FILE: Planeview-Suppl	TOTAL 26