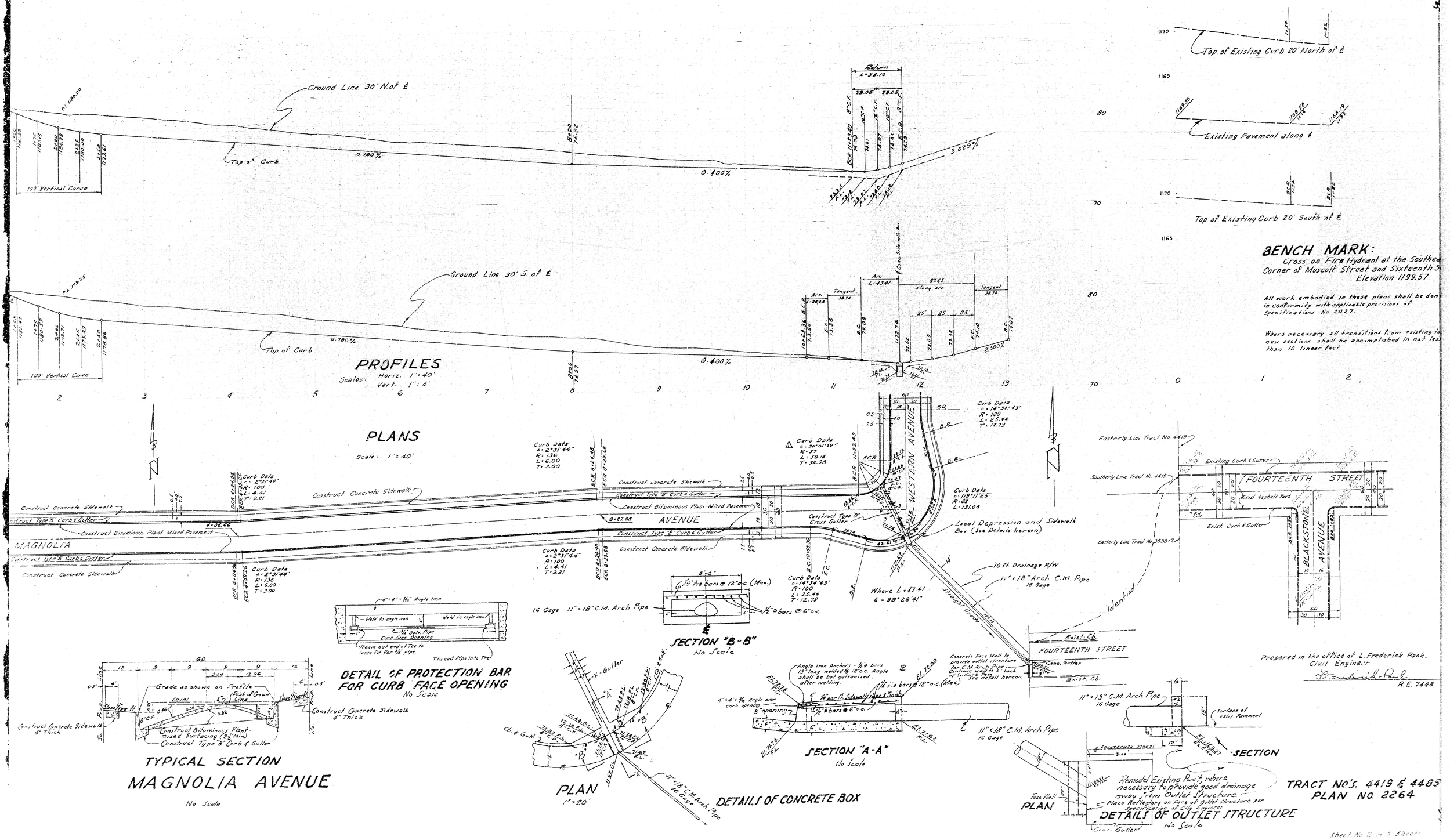
Ground Line 30' N. of ℄
Top of Curb
0.780%
0.400%
3.029%
100' Vertical Curve
Return
Ground Line 30' S. of ℄
2.500%
PROFILES
Scales: Horiz. 1" = 40'
Vert. 1" = 4'
PLANS
Scale: 1" = 40'
MAGNOLIA AVENUE
WESTERN AVENUE
FOURTEENTH STREET
BLACKSTONE AVENUE
Construct Concrete Sidewalk
Construct Type "B" Curb & Gutter
Construct Bituminous Plant Mixed Pavement
Construct Type "D" Cross Gutter
Local Depression and Sidewalk Box (See Details hereon)
10 Ft. Drainage R/W
11" × 18" Arch C.M. Pipe 16 Gage
Identical
Straight Grade
Where L = 43.41
Δ = 39°28'41"
Curb Data Δ = 14°34'43" R = 100 L = 25.44 T = 12.79
Curb Data Δ = 14°34'43" R = 100 L = 25.44 T = 12.79
Curb Data Δ = 119°11'25" R = 63 L = 131.06
Curb Data Δ = 39°01'59" R = 27 L = 58.14 T = 30.98
Curb Data Δ = 2°31'44" R = 136 L = 6.00 T = 3.00
Curb Data Δ = 2°31'44" R = 100 L = 4.41 T = 2.21
Easterly Line Tract No. 4419
Southerly Line Tract No. 4419
Easterly Line Tract No. 3538
Existing Curb & Gutter
Exist. Asphalt Pavement
Exist. Cb.
Conc. Gutter
Top of Existing Curb 20' North of ℄
Existing Pavement along ℄
Top of Existing Curb 20' South of ℄
BENCH MARK:
Cross on Fire Hydrant at the Southea
Corner of Muscoll Street and Sixteenth S
Elevation 1199.57
All work embodied in these plans shall be don
in conformity with applicable provisions of
Specifications No 2027.
Where necessary all transitions from existing to
new sections shall be accomplished in not les
than 10 linear feet.
Prepared in the office of L. Frederick Pack,
Civil Engineer
L. Frederick Pack
R.E. 7448
TRACT NO'S. 4419 & 4485
PLAN NO. 2264
Sheet No. 2 of 5 Sheets
DETAIL OF PROTECTION BAR FOR CURB FACE OPENING
No Scale
4" × 4" × 3/8" Angle Iron
Weld to angle iron
3/4" Gale Pipe
Curb Face Opening
Ream out end of Tee to leave fill for 3/4" pipe.
Thread Pipe into Tee
SECTION "B-B"
No Scale
16 Gage 11" × 18" C.M. Arch Pipe
1/2" Φ bars @ 6" o.c.
1/4" Φ bars @ 12" o.c. (Max.)
TYPICAL SECTION
MAGNOLIA AVENUE
No Scale
Grade as shown on Profile
Level
Peak of Crown Line
Slope Up
Construct Concrete Sidewalk 4" Thick
Construct Bituminous Plant Mixed Surfacing (2½" min.)
Construct Type "B" Curb & Gutter
PLAN
1" = 20'
Ch. & Gutter
11" × 18" C.M. Arch Pipe 16 Gage
DETAILS OF CONCRETE BOX
Angle Iron Anchors - 1/4" bars 13" long welded @ 18" o.c. Angle shall be hot galvanized after welding.
6" × 4" × 3/8" Angle over curb opening
6" opening
1/4" Φ bars @ 12" o.c. (Max.)
1/2" Φ bars @ 6" o.c.
SECTION "A-A"
No Scale
Concrete Face Wall to provide outlet structure for C.M. Arch Pipe
Surface of Exist. Pavement
SECTION
Face Wall
PLAN
Remodel Existing Rd. where necessary to provide good drainage away from Outlet Structure.
Place Reflectors on Face of Outlet structure per Specifications of City Engineer.
DETAILS OF OUTLET STRUCTURE
No Scale