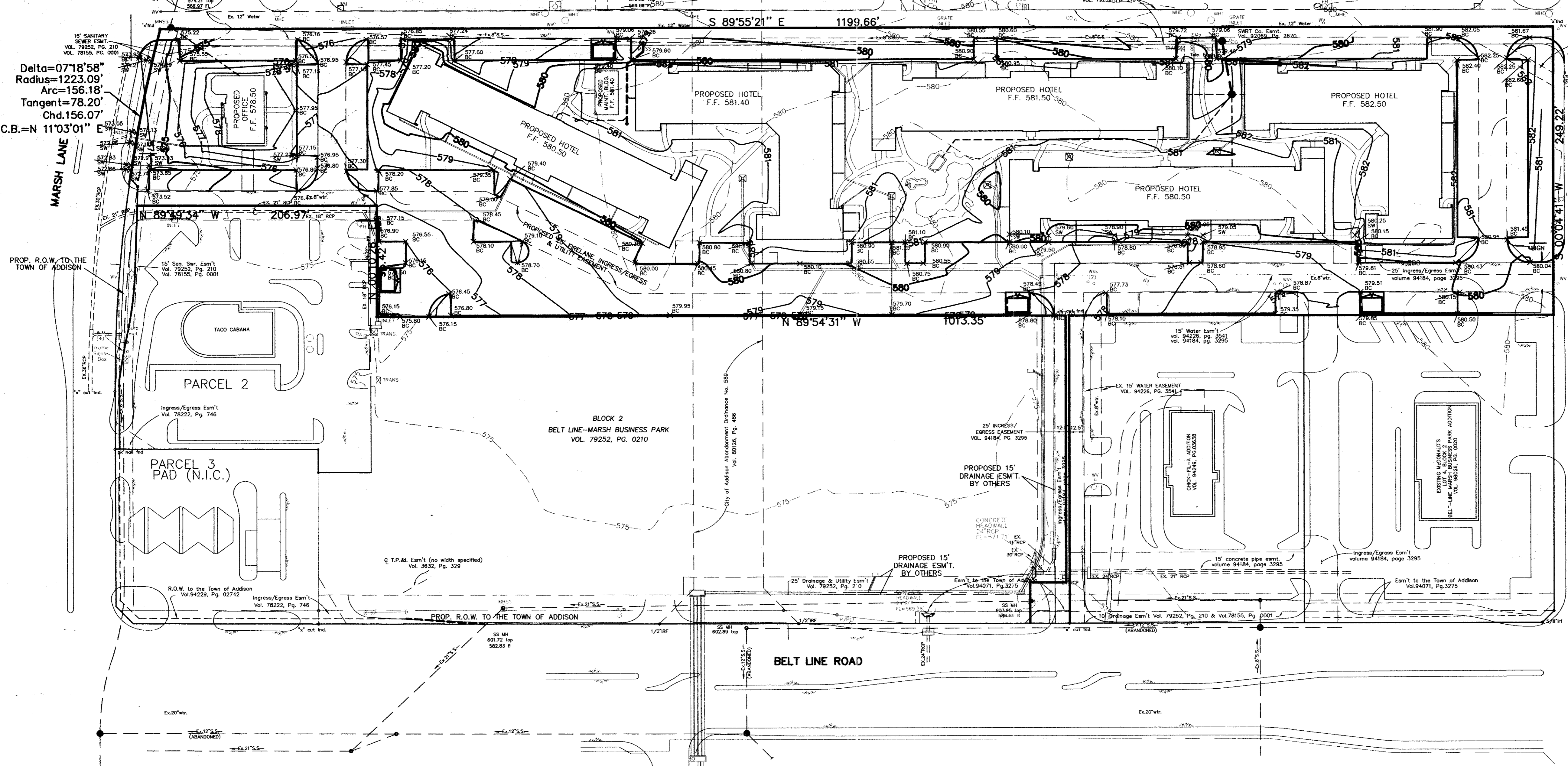
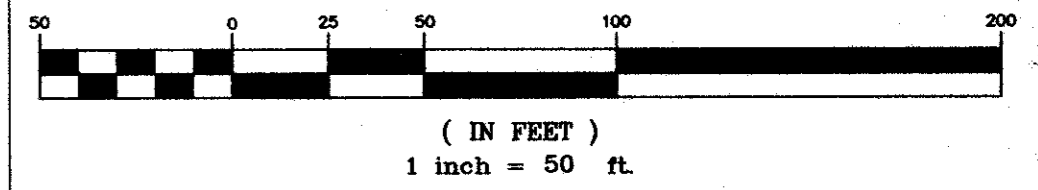


Delta=07'18"58"
Radius=1223.09'
Arc=156.18'
Tangent=78.20'
Chd.=N 11'03"01" E

GRAPHIC SCALE



EARTHWORK NOTES

- Site Preparation**
Prior to and in conjunction with the compacting operation, each layer should be brought to the proper moisture content as determined by ASTM D 698, within plus or minus three (3) percentage points of optimum for fill containing limestone rock pieces and between optimum and the percentage points above the optimum for clayey soils.
- Compacting Area to be Filled**
All areas to be filled should be disc or blade until uniform and free from large clods, brought to a moisture content between optimum and five (5) percentage points above the optimum moisture value for clayey soils and between optimum to +3 percentage points for silty clay soils and soil containing limestone fragments and compacted to between 95 and 100 percent of optimum density in accordance with ASTM D 698.
- Fill Materials**
Off-site materials to be used for fill should be approved by the Soils Engineer. There should be no roots, vegetation or any other undesirable matter in the soil, and no rocks larger than six (6) inches in diameter.
- Depth of Mixing of Fill Layers**
The fill material should be placed in level, uniform layers, which, when compacted, should have a moisture content and density conforming to the stipulations called for herein. Each layer should be thoroughly mixed during the spreading to insure the uniformity of the layer. The fill thickness should not exceed 10-inch loose lifts.
- Rock**
There should be no rock incorporated within the fill which exceeds six (6) inches in its greatest dimension, and no large rocks will be permitted within twelve (12) inches of the finished subgrade.
- Moisture Content**
Prior to and in conjunction with the compacting operation, each layer should be brought to the proper moisture content as determined by ASTM D 698, within plus or minus three (3) percentage points of optimum for fill containing limestone rock pieces and between optimum and the percentage points above the optimum for clayey soils.
- Amount of compaction**
After each layer has been properly placed, mixed and spread, it should be thoroughly compacted to between 95 and 100 percent of Standard Proctor Density as determined by ASTM D 698.
- Compaction of Fill Layers**
Compaction equipment should be of such design that it will be able to compact the fill to the specified density. Compaction of each layer shall be continuous over its entire area.
- Density Tests**
Field Density tests should be made by the Soils Engineer or his representative. Density tests should be taken in the compacted material below the disturbed surface. After each layer of fill, compaction tests, as necessary, should be made by the Soils Engineer. If the materials fail to meet the density specified, the course should be reworked as necessary to obtain the specified compaction.
- Supervision**
Supervision by the Soils Engineer should be of such continuity during the grading operation that he can certify that all cut and filled areas were graded in accordance with the accepted specifications.
- Slope Control**
Embankment slopes should not be steeper than a ratio of three (3) horizontal to one (1) vertical for either fill or cut slopes. Any slope, existing or proposed, steeper than three (3) feet in height should incorporate stabilization methods to include erosion control, embankment stabilization and other slope control measures as required by the slope control specialist.
- Reports**
The Soils Engineer shall send one (1) copy of each test, inspection or evaluation report to the Engineer, Owner, City and Contractor.
- The Owner's Engineer shall provide one-time, initial survey staking for each of the following:**
A. Street and alley excavation, including rough cut stakes every 1000 feet and lot grading, including rough cut stakes at the center of each lot. Also included is verification that the Earthwork Contractor has graded the streets and alleys within 0.1' and lots within 0.2' of the plan grades prior to utility construction. The Earthwork Contractor shall leave rough cut stakes in place until verified by the Engineer. Utility Contractor shall return street grades to within 0.1' of the Earthwork Contractor's rough grade prior to street paving.
B. Street paving construction, including stakes offset along the paving every 50 feet.
C. Pads FHA grading to be graded by Earthwork Contractor after street paving is complete, including two stakes set on each property line with grades to finish pad elevation and offset corner of pad.

RECORD DRAWING
THIS DRAWING HAS BEEN REVISIONED TO REFLECT THE ACTUAL CONSTRUCTION EXCEPT AS CORRECTED IN THE RECORDS OF THIS CONTRACTOR. ELEVATIONS SHOWN ON THIS PLAN WERE NOT FIELD VERIFIED.
DATE: 2/11/00

- LEGEND**
- IRF IRON ROD FOUND
 - POWER POLE
 - CONCRETE LIGHT POLE BASE
 - RCP REINFORCED CONCRETE PIPE
 - FH FIRE HYDRANT
 - FL FLOWLINE
 - CONCRETE PAVEMENT
 - CONCRETE HEADWALL
 - CI CURB INLET
 - PROPOSED TOP OF CURB ELEVATION
 - PROPOSED TOP OF PAVEMENT ELEVATION

- BENCHMARK :**
- SQUARE CUT ON TOP OF CURB INLET AT NORTHEAST CORNER OF INTERSECTION OF BUSINESS AVE. AND BELTLINE ROAD. ELEVATION = 577.57'
 - "X" AT INLET ON TOP OF CURB WEST SIDE OF BUSINESS AVE. 200' +/- NORTH OF BELTLINE ROAD. ELEVATION = 578.57'

NO.	REVISIONS DURING CONSTRUCTION	BY	DATE	NO.	REVISIONS DURING PLAN REVIEW	BY	DATE
				1	ADDED MAINTENANCE BLDG.	RWA	5/25/99

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Engineering • Planning • Landscape • Surveying
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GRADING PLAN	PROJECT NO.
SUITES OF AMERICA	BG403
TOWN OF ADDISON, DALLAS COUNTY, TEXAS	SHEET NO.
	C3