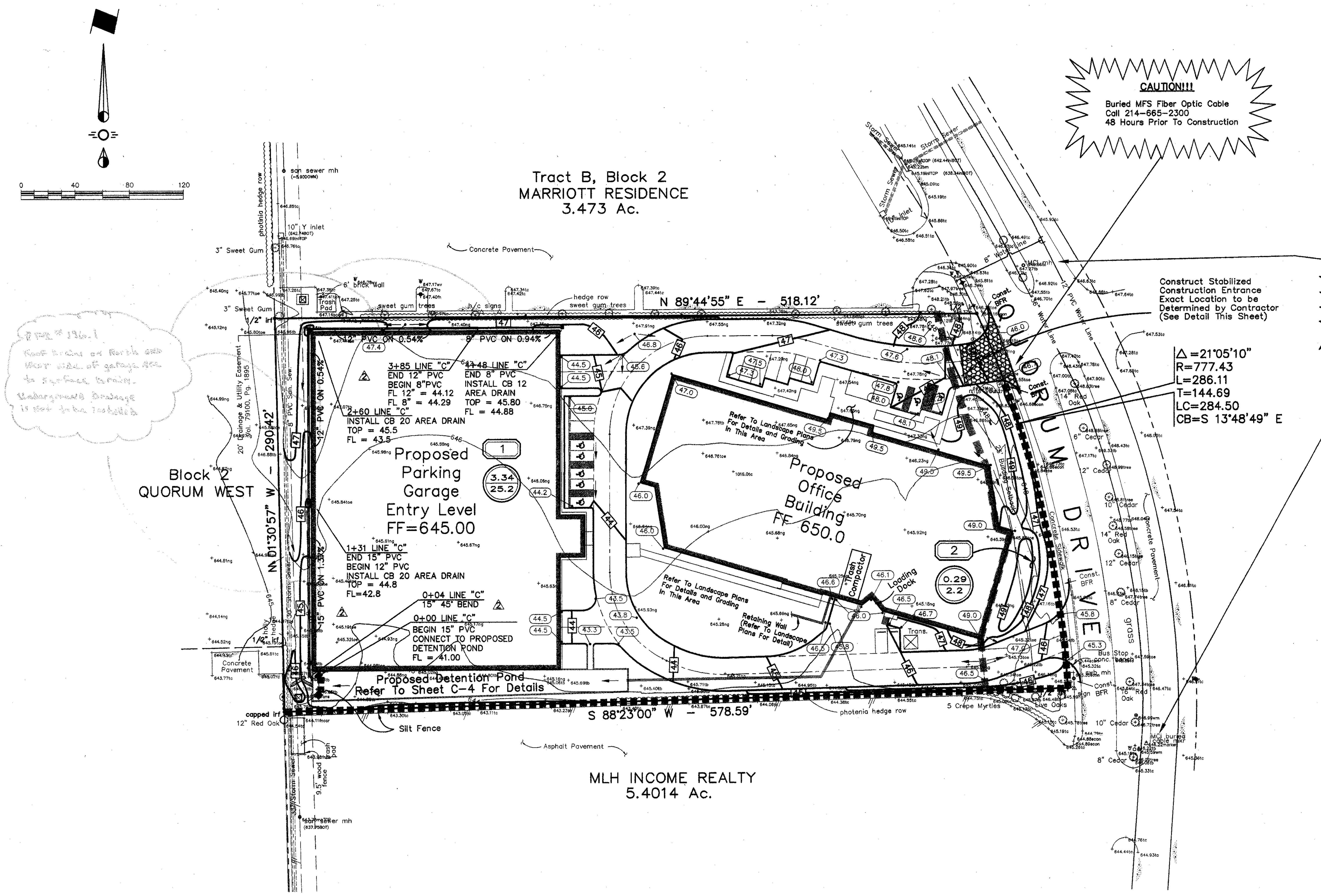


General Notes

1. All materials and construction shall conform to the Town of Addison's Standards and Specifications except as noted herein or by the City.
2. All storm sewer pipe 18" and larger shall be Class III RCP.
3. Contractor shall be responsible for maintaining trench safety requirements in accordance with City Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
4. Concrete for inlets and drainage structures shall be 3000 psi at 28 days.
5. Construction shall begin at downstream end of project and continue upstream with pipe grooves facing upstream.
6. Contractor shall protect all public utilities in the construction of this project.
7. The location of all utilities indicated on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
8. If rock is encountered in the trench, rock spoil shall not be used in the upper 1.5 feet of the trench. The upper 1.5 feet of the trench is to be backfilled only with quality topsoil.
9. See Water and Sanitary Sewer Plan for additional information related to other utility construction.
10. All trench backfill for storm sewer shall be compacted as required by City.
11. It will be the responsibility of the contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve boxes, fire hydrants, etc. must be adjusted to proper line and grade by the contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of the paving for this development.
12. Backfill for utility lines should be carefully placed so that they will be stable. Where utility lines cross through the parking lot, the top 6" should be compacted similarly to the remainder of the lot. Utility ditches should be visually inspected during the excavation process to insure that undesirable fill is not used.
13. Prior to placing any fill material, all existing surfaces, vegetation, loose fill, and debris should be removed to a minimum depth of 6". All exposed surfaces should then be scarified, watered as required, and recompacted to a minimum density of 92% of the maximum dry density as defined by ASTM D 698 (Standard Proctor Test) at a moisture content between one (1) and four (4) percent above optimum moisture content. Refer to Reed Engineering Group, Report N. 3520.
14. Drainage should be maintained away from the found-ataions, both during and after construction.
15. Areas of construction shall be properly barricaded for the protection of the public.

DRAINAGE AREA NO.	DRAINAGE AREA (acres)	C	I_{100} (in/hr)	Q_{100} (cfs)	Comments
1	3.34	0.85	8.88	25.2	SHEET FLOW TO DETENTION STRUCTURE
2	0.29	0.85	8.88	2.2	SHEET FLOW TO QUORUM DRIVE

DRAINAGE CRITERIA

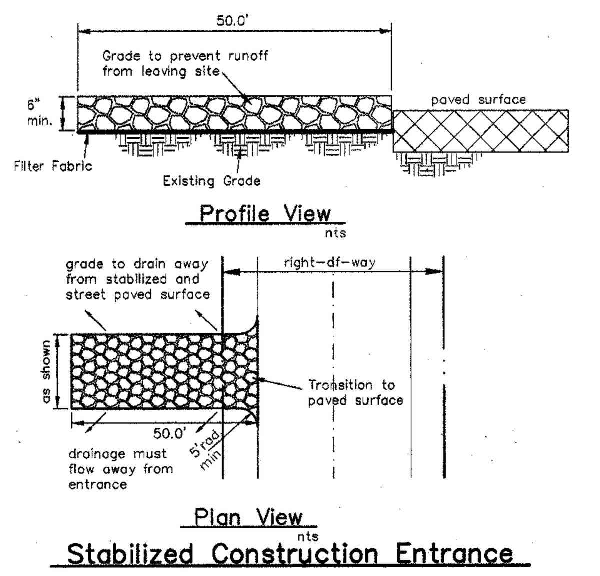
Q = C I A
C = 0.85
I_{100} = 8.88 in/hr
tc = 10 min.

1 — Area No.
0.25 — Acres
2.0 — Q_{100}

LEGEND

- Existing Contour
- Proposed Contour
- Existing Spot Shot
- Proposed Spot Shot
- Flow Arrow
- BFR — Barrier Free Ramp
- Existing Curb
- Proposed Curb
- Sawcut
- Drainage Divide Line
- Silt Fence

Benchmarks :
Disk In Brick Wall Of Old Addison School Bldg.
4.0' Above Ground
Elevation : 650.61



Stabilized Construction Entrance

Notes :

1. Stone shall be 3 to 5 inch diameter crushed rock or acceptable crushed Portland Cement Concrete.
2. When necessary, vehicles shall be cleaned to remove sediment prior to entrance onto a public roadway. When washing is required, it shall be done on a area stabilized with crushed stone with drainage flowing away form both the street and the stabilized entrance. All sediment shall be prevented from entering any storm drain, ditch or watercourse using approved methods.
3. The entrance shall maintained in a condition which will prevent tracking or flowing of sediment onto paved surfaces. This may require periodic top dressing with additional stone a conditions demand. All sediment spilled, dropped, washed or tracked onto paved surfaces, must be removed immediately.
4. The entrance must be properly graded or incorporate a drainage swale to prevent runoff from leaving the construction site.

AS-BUILT

NOTE: 6/17/98
THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED BY CONTRACTOR.

6/17/98

STATE OF TEXAS — RONNY KLINGBEIL — REGISTERED PROFESSIONAL ENGINEER — 7/17/97

Grading/Erosion Control Plan

Quorum Drive Office

Addison, Texas

BROCKETTE • DAVIS • DRAKE, INC.
consulting engineers
Civil & Structural Engineering • Surveying
4144 North Central Expressway, Suite 1100 • Dallas, Texas 75204
(214) 824-3647 • fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HWI	STL	06/09/97	1"=40'	FG	C97138	C-2

GRAD-QD.DWG

CORGAN
CORGAN ASSOCIATES, INC
501 ELM STREET
DALLAS, TEXAS 75202
214 748 2000

ISSUES
06/09/97 BID SET

REVISIONS
1. 06/17/97 ADDENDUM #1
2. 06/23/97 ADDENDUM #2 ADD STM SEWER LINE "C"

CENTRE DEVELOPMENT CO., INC.

14911 QUORUM DRIVE

Office Building, Addison, TX

Job
Date 06/09/97
Drawn
Check
PRF

Sheet
C-2
Of