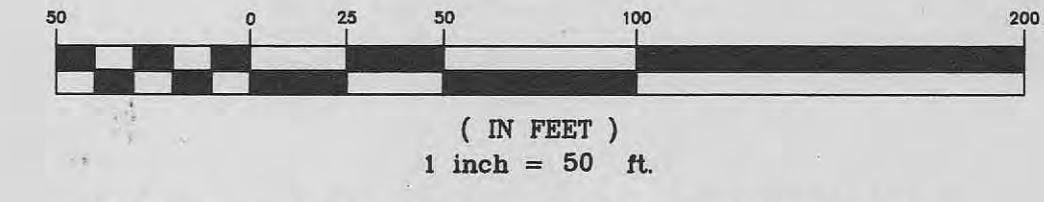


GRAPHIC SCALE



NOTE : DO NOT SCALE DRAWING  
REFER TO DIMENSIONS.

GENERAL NOTES :

- Contractor shall contact R.W. Murray Company concerning standards and specifications pertaining to any work to be performed on this project.
- Geotechnical report has been prepared for this site by Soil Consultants, Inc. (Project #89-314) dated October 26, 1989 and supplemental letters dated November 14, 1989.
- All disturbed areas not occupied by building or pavement shall be seeded and mulched.
- No slopes shall exceed 3:1.
- All filled places under proposed storm and sanitary sewer lines and/or paved areas shall be compacted to 90% of maximum density as determined by the Modified AASHTO T-180 Compaction Test or 95% of maximum density as determined by the Standard Proctor Test, AASHTO T-99.
- All filled places in proposed roads shall be compacted from the bottom of the fill up to 90% maximum density as determined by the Modified AASHTO T-180 Compaction Test or 95% of maximum density as determined by the Standard Proctor Test, AASHTO T-99. All soil subgrade shall be compacted to a minimum dry density of 92% of the maximum dry density as determined by the Modified AASHTO Compaction Test (T-180). All tests shall be verified by a soils engineer concurrent with grading and backfill operations.
- The sediment control plan should be implemented before grading begins. No graded area is to remain bare without being seeded and mulched. Also, when deemed necessary positive steps should be exercised to prevent the soil from damaging adjacent property and silting up all storm drainage systems whether on or off site.
- All low places whether on-site or off-site should be graded to allow drainage. This can be accomplished with temporary ditches.
- Contractor to hire registered land surveyor to set all lines and grades.
- Contractor will employ and pay for a qualified independent geotechnical testing and inspection laboratory to perform soil testing and inspection services during earthwork operations.
- All work shall be in compliance with the soils reports issued by Soil Consultants, Inc. Contractor shall notify soils engineer at least two days in advance of the start of the grading operation. Contractor shall allow testing service to inspect and approve each subgrade and fill layer before further backfill or construction work is performed.
- Existing Utilities: Contractor to contact utility companies to locate existing underground utilities in areas of excavation work. If utilities are indicated to remain in place, provide adequate means of support and protection during earthwork operations.
- Areas which "pump" during proofrolling should be stabilized prior to the placement of the crushed stone base. Stabilization may require removing a portion of the subgrade and replacing it with a crushed stone subbase, installing a geotechnical stabilization fabric, such as Mirafix 500X, or a combination of the above.
- High plastic clay soils may be encountered in the deeper cut areas proposed at the northwest portion of the parking area. Remedial measures recommend mixing lime with the high plastic subgrade soils or removal of 1 foot of the high plastic subgrade soils and replacement with compacted, suitable low plastic soils.
- Contractor shall notify the engineer immediately concerning any discrepancies in the plans.

LEGEND

- 500 --- EXISTING CONTOUR
- 500 — PROPOSED CONTOUR
- EXISTING MANHOLE
- PROPOSED MANHOLE
- PROPOSED CURB INLET
- — — EXISTING STORM SEWER
- - - - PROPOSED STORM SEWER
- — — EXISTING SANITARY SEWER
- - - - PROPOSED SANITARY SEWER
- W — WATER LINE WITH SIZE
- FLARED END SECTION
- EXISTING POWER POLE
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED "TEE" SECTION
- PROPOSED CAP
- ⊕ TEST HOLE
- MH 100 ○ STORM SEWER
- MH 100 ○ SANITARY SEWER
- ===== SILTATION CONTROL
- GROUTED RIP-RAP
- EXISTING TREE LINE
- CONCRETE
- U.G.E. UNDERGROUND ELECTRIC
- O.H.E. OVERHEAD ELECTRIC
- RCP REINFORCED CONCRETE PIPE
- PVC POLY-VINYL CHLORIDE PIPE
- SAN. SANITARY SEWER
- CONC. CONCRETE
- C.O. CLEAN-OUT
- R/W RIGHT-OF-WAY
- W.V. WATER VALVE
- WM WATER METER

CONTRACTOR SHALL USE CAUTION  
WHEN EXCAVATING AT NEW ENTRANCE  
DUE TO EXISTING 6" GAS MAIN.

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**WAFZ Distribution Center**  
**OWNER: Trammell Crow Company**  
**CONTRACTOR: R.W. Murray Co.**

Revision Dates	3/6/90
	2/5/90
	1/24/90
Issue Date	1/10/90
Sheet Title	GRADING PLAN
RWM Job Number	570
Sheet Number	C-2