

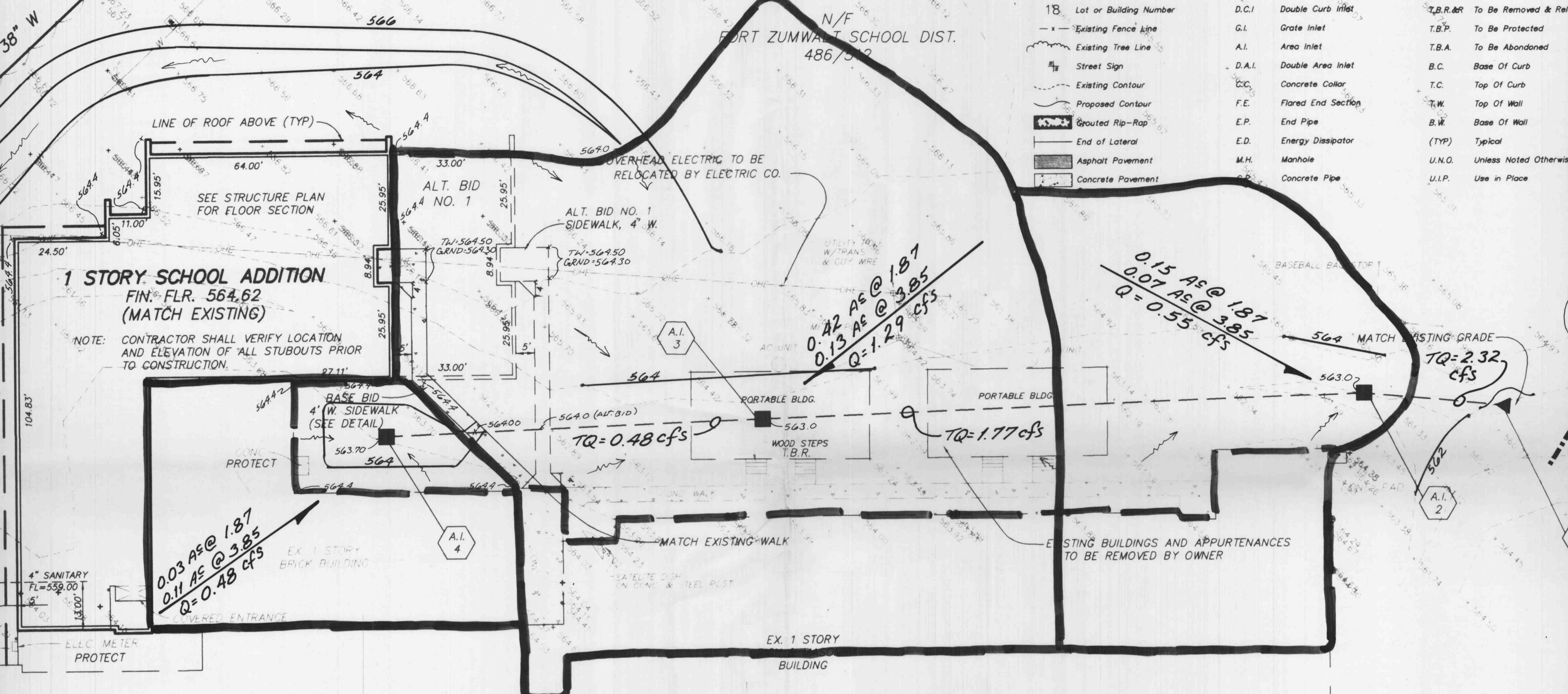
- GRADING NOTES**
- All graded areas shall be protected from erosion by sedimentation basins; erosion control devices or siltation basins.
  - All slopes shall be seeded or sodded and mulched. (see specification section 02800). Maximum slopes shall not exceed 4 feet horizontal to one foot vertical.
  - Elevations and contours shown are to top of finished ground or paved surface.
  - All trash, debris, organic material, refuse, frozen earth, etc., shall be removed from fill areas prior to the placement of controlled fill. All fills and backfills shall be made of selected earth materials, free from broken masonry, rock, frozen earth, rubbish, organic material and debris.
  - Care shall be exercised in compaction of backfill materials over the top of structures or pipes in order to prevent damage to the waterproofing membranes, joints, seals and/or the pipes and structures themselves. Compaction and placing of backfill and fill materials shall be performed under the continuous supervision of an approved testing laboratory. Fill shall not be placed on frozen ground, nor shall filling operations continue when the temperature is such as to permit the layer under placement to freeze.
  - All earthwork shall comply with the Geotechnical investigation prepared by Shannon & Wilson, Inc. dated June 2, 1994.
  - All earthwork shall be per specification sections: 02110 - Site Clearing and Grading, 02200 - Grading, Condition 1 - General Conditions

**LEGEND**

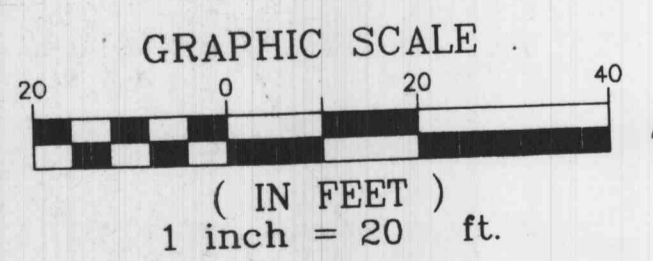
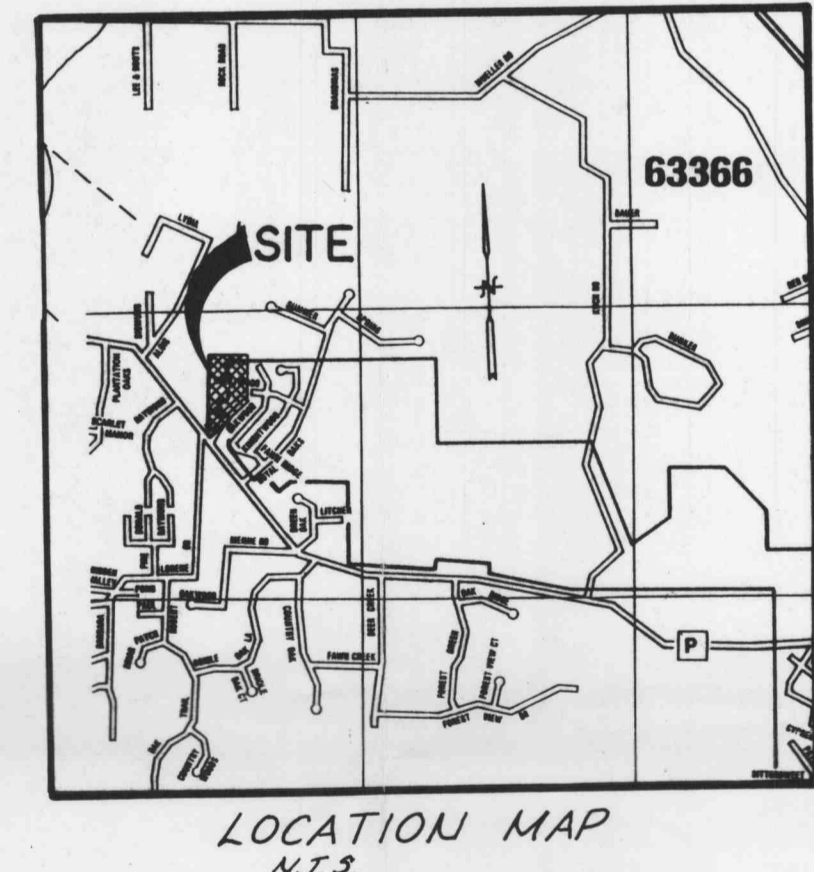
- Sanitary Sewer (Proposed)
- Sanitary Sewer (Existing)
- Storm Sewer (Proposed)
- Storm Sewer (Existing)
- Water Line & Size
- Existing water line
- Tree & Verve
- Hydrant
- Cap
- 1B Lot or Building Number
- Existing Fence Line
- Existing Tree Line
- Street Sign
- Existing Contour
- Proposed Contour
- Grouted Rip-Rap
- End of Lateral
- Asphalt Pavement
- Concrete Pavement
- Sanitary Structure
- Test Hole
- Power Pole
- Light Standard
- Double Water Meter Setting
- Single Water Meter Setting
- Curb Inlet
- Skewed Curb Inlet
- Double Curb Inlet
- Gate Inlet
- Area Inlet
- Double Area Inlet
- Concrete Culvert
- Flared End Section
- End Pipe
- Energy Dissipator
- Manhole
- Concrete Pipe
- R.C.P. Reinforced Concrete Pipe
- C.M.P. Corrugated Metal Pipe
- C.I.P. Cast Iron Pipe
- P.V.C. Polyvinyl Chloride
- V.C.P. Vitrified Clay Pipe
- C.O. Clean Out
- V.T. Vent Trap
- T.B.R. To Be Removed
- T.B.R.R. To Be Removed & Reallocated
- T.B.P. To Be Protected
- T.B.A. To Be Abandoned
- B.C. Base of Curb
- T.C. Top of Curb
- T.W. Top of Wall
- B.W. Base of Wall
- (TYP) Typical
- U.N.O. Unless Noted Otherwise
- U.L.P. Use in Place

**SITE NOTES**

- Dimensions shown are to back of curb or face of building unless noted otherwise.
- NOT SCALE DRAWINGS, USE DIMENSIONS AS SHOWN.
- Additional siltation control may be required as directed by the Authorities having jurisdiction.
- Sanitary sewers are to be private unless otherwise noted.
- Contractor to notify the engineer prior to proceeding if any utilities are found in the field compared to the plans.
- Refer to points, such as survey monuments, marks, stakes, etc., shall be preserved, but if disturbed or destroyed shall be replaced as directed, at the expense of the contractor.
- All concrete or asphalt concrete pavement to be removed shall be on a straight line along the contact line with the existing pavement to remain.
- No work shall be done which will affect existing utilities prior to having ascertained their location. If they have been plugged, plugged utilities shall be abandoned in a manner acceptable to the affected utility company. The contractor shall be notified prior to the commencement of any work which will affect any existing utility. The contractor shall be notified by the utility companies are to be located and indicated by the Contractor.
- All site construction shall be in accordance with the City of Pacific and Department of Natural Resources. Asphalt paving shall be in accordance with Standard Specifications for Highway Construction.
- Building dimensions are per architectural plans received NOV. 11, 1994. Building dimensions are to outside face of wall. See architectural plans for locations of building area walks, etc. If overall building dimensions vary from those shown on these plans, contact the engineer prior to construction.
- Conduct operations adjacent to adjacent buildings, structures, etc. for safety and persons. Signs, lights, and barriers shall be installed at all locations as necessary to guard against accident. Promptly repair any damage caused by utilities by operations, as directed by the engineer, and at no cost to the Owner.
- New pavement shall be Contractor shall grade and proof roll the subgrade to the elevations shown. Subgrade shall be compacted to densities noted on base course and surface courses shall be constructed in accordance with Missouri Standard Specifications for Highway Construction. See project specification section 02510, asphalt paving.
- Maintenance of finished asphaltic concrete paving will be required until acceptance of work by Owner.
- Pavement traffic marking to be two (2) coat paint, white, as shown, and shall be per specification section 02510.
- Utilities in or served by: Electric - Union Electric Gas - City of O'Fallon Water - City of O'Fallon Sewer - St. Charles Gas Company Telephone - G.T.E. Telephone Fire - O'Fallon Fire District School - R-2 Fort Zumwalt School District



**NOT FOR CONSTRUCTION!!!  
THIS SHEET IS FOR  
INFORMATIONAL PURPOSES ONLY**



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<b>PICKETT RAY &amp; SILVER</b>			
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Planners			
Land Surveyors			
<b>MOUNT HOPE ELEMENTARY SCHOOL FORT ZUMWALT SCHOOL DISTRICT DRAINAGE AREA MAP</b>			
DRAWN	D.L.P.	DATE	11-30-94
CHECKED	R.V.T.	DATE	11-30-94
FIELD BOOK	496	PROJECT #	81-106E
		JOB ORDER #	

**DMA Design**  
architects engineers construction managers  
202 Transit St. Charles, Missouri 63301

**ADDITIONS TO  
MOUNT HOPE ELEMENTARY SCHOOL  
FORT ZUMWALT SCHOOL DISTRICT**

**NOTE**  
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction.