

VICINITY MAP

LEGEND

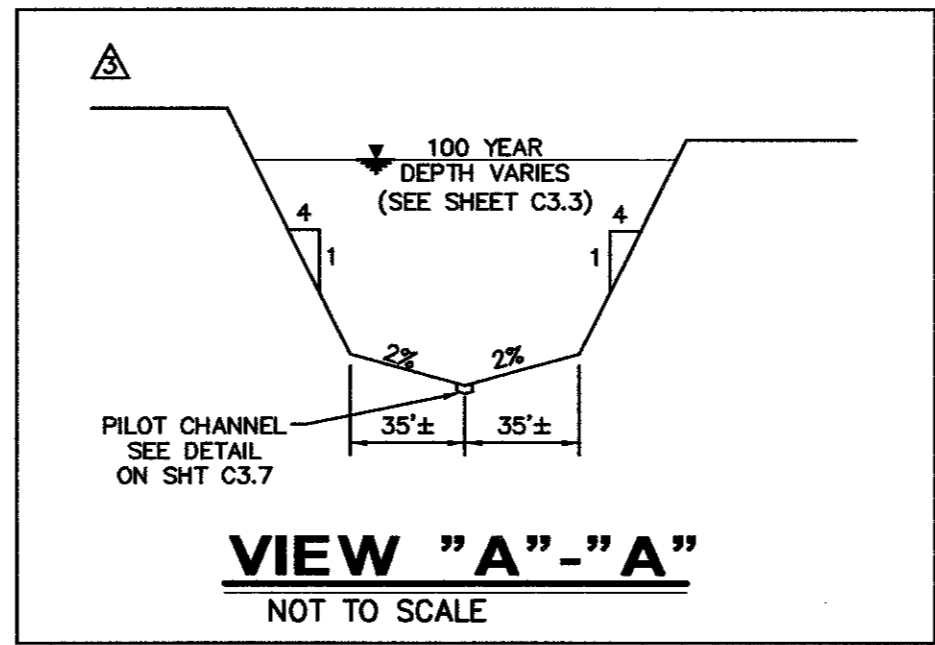
- B. BOLLARD
- EM ⊕ ELECTRIC METER
- PP ⊕ POWER POLE
- LS ⊕ LIGHT STANDARD
- WM ⊕ WATER METER
- WV ⊕ WATER VALVE
- ICV ⊕ IRRIGATION CONTROL VALVE
- FH ⊕ FIRE HYDRANT
- C ⊕ CLEANOUT
- MH ⊕ MANHOLE
- TSC ⊕ TRAFFIC SIGNAL CONTROL
- TSP ⊕ TRAFFIC SIGNAL POLE
- TELE ⊕ TELEPHONE BOX
- FL ⊕ FLOOD LIGHT
- FP ⊕ FLAG POLE
- SIGN ⊕ TRAFFIC SIGN
- IRS ⊕ 1/2-INCH IRON ROD W/7" PACHECO KOCH® CAP SET
- (C.M.) ⊕ CONTROLLING MONUMENT
- — — — — PROPERTY LINE
- — — — — FENCE
- — — — — OVERHEAD UTILITY LINE
- — — — — UNDERGROUND WATER LINE
- — — — — UNDERGROUND ELECTRIC LINE
- — — — — UNDERGROUND TELEPHONE LINE
- — — — — UNDERGROUND CABLE LINE
- — — — — UNDERGROUND SANITARY SEWER LINE
- — — — — EXIST SPOT ELEVATION
- TC 612.39 ⊕ EXIST TOP OF CURB ELEVATION
- G 611.92 ⊕ EXIST GUTTER ELEVATION
- TC 614.5 ⊕ PROPOSED TOP OF CURB ELEVATION
- G 614.0 ⊕ PROPOSED GUTTER ELEVATION
- EL 614.5 ⊕ PROPOSED SPOT ELEVATION
- PROPOSED DRAINAGE FLOW DIRECTION
- — — — — EXIST CONTOUR
- — — — — PROPOSED CONTOUR

GRADING AND DRAINAGE GENERAL NOTES

1. REFER TO GEOTECHNICAL REPORT FOR REQUIREMENTS REGARDING FILL COMPACTION AND MOISTURE CONTENT.
2. UNLESS NOTED, ALL FILL IS TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY WITHIN 0% TO +3% OF OPTIMUM MOISTURE CONTENT. FILL TO BE PLACED IN A MAXIMUM OF 6" LIFTS.
3. SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A SLOPE NOT GREATER THAN 5% AND A CROSS FALL NO GREATER THAN 2% UNLESS NOTED OTHERWISE.
4. GRADING OF ALL HANDICAPPED SPACES AND ROUTES TO CONFORM TO STATE, LOCAL AND FEDERAL GUIDELINES.
5. UNLESS NOTED, STORM DRAIN LINES MAY BE OF THE FOLLOWING MATERIALS:
 - A. RCP C-76, CLASS III
 - B. ADS N-12
 - C. HANCOR HI-Q
 AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
6. UNLESS NOTED, GRATE INLET TO BE "AMERICAN INDUSTRIAL PRE-CAST PRODUCTS, INC." PRECAST CATCH BASIN, SIZED AS SHOWN, OR APPROVED EQUAL.
7. FINAL PAVING, CURB AND SIDEWALK ELEVATIONS WILL BE PLACED AT PLUS OR MINUS 0.03 FOOT.
8. REFER TO LANDSCAPE SPECIFICATION FOR SEEDING AND SOODING REQUIREMENTS.
9. ANY CONCRETE, ROCK OR MATERIAL DEEMED UNSUITABLE FOR SUBGRADE, BY ENGINEER, SHALL BE DISPOSED OF OFFSITE AT CONTRACTOR'S EXPENSE.
10. TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 6.2.10, AND SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH NCTCOG ITEM 6.2.9 TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
11. EMBEDMENT SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 6.2.9 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
12. A ROUND MANHOLE COVER MEETING CITY SPECIFICATIONS SHALL BE PLACED IN ALL INLET TOPS. THE MANHOLE COVER SHALL BE PLACED NEAR THE OUTLET PIPE.
13. ALL CONCRETE FOR INLETS AND DRAINAGE STRUCTURES SHALL CONFORM TO NCTCOG ITEM 7.4.5, CLASS "A" UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN STANDARD CITY SPECIFICATIONS.
14. CRUSHED STONE BEDDING OR APPROVED EQUAL SHALL BE PROVIDED BY THE CONTRACTOR WHEN ROCK IS ENCOUNTERED IN TRENCHES. THERE SHALL BE NO ADDITIONAL PAY ITEM OF THE CRUSHED STONE BEDDING.
15. IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTORS EXPENSE.

CONTRACTOR TO INSTALL DRY STACK RETAINING WALL SEE LANDSCAPE ARCHITECT PLANS

CONTRACTOR IS TO LOCATE AND CONSTRUCT RETAINING WALL AS REQUIRED TO PREVENT IMPACT TO POWER POLE GUY ANCHOR, TRANSFORMER AND UNDERGROUND VAULT



BENCH MARKS

BM #3:	Cut "4" in walk on outside of curved drive near southeast corner of lower school.	Elev. 586.06
BM #4:	"4" cut - west end conc. headwall, north side Spring Valley, at southeast corner campus.	Elev. 578.47
BM #5:	"4" cut in walk at southeast corner intersection of drive along south side of preschool building and north-south drive from Spring Valley.	Elev. 588.20
BM #9:	"4" cut at NEC of electric MH on north side cafeteria, south side of drive along north side of campus.	Elev. 602.80
BM #10:	"4" cut on conc. step near northwest corner of upper school.	Elev. 598.85
BM #11:	"4" cut on conc step on walk exiting west side of library.	Elev. 596.44
BM #12:	"4" cut at intersection of walk along west side of lower school and walk along south side Lower school.	Elev. 587.78

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT IS ISSUED FOR THE PURPOSE OF SCHEMATIC REVIEW ONLY AND IS NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.
PLANS PREPARED UNDER THE DIRECT SUPERVISION OF STEVEN A. MARKUSSEN, P.E. TEXAS REGISTRATION NO. 70990
DATE: 02/27/2004

ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE NOT BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THIS DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER AFFIRMS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

NO.	DATE	REVISION
1	08/24/2004	ADDED PARKING AREA
2	06/10/2004	ADDED TWO RETAINING WALLS AND REVISED DETAIL
3	04/30/2004	REVISED CULVERT & GRADES
4	04/30/2004	REVISED CULVERT, GRADES, & NOTE

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GRADING PLAN
GREENHILL SCHOOL
GREENHILL SCHOOL ADDITION
THOMAS L. CHENOWETH SURVEY, ABSTRACT NO. 273
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
BJM	FJM	NOV. 2003	1"=50'			C3.1

DWG FILE: 1082-03.024C.V.DWG
 DATE: 02/28/2004
 TIME: 10:50AM
 M: VDWG-10\1082-03-024\DWG\1082-03.024C.V.DWG