

RAILROAD TIES RETAINING WALL
SCALE: 1/2" = 1'-0"

GRADING PLAN
SCALE: 1" = 20'

LEGEND			
5360	NEW CONTOUR GRADE	5362	EXISTING CONTOUR GRADE
TC62.50	NEW TOP OF CURB ELEVATION	FL62.00	NEW FLOWLINE OF CURB ELEVATION
TA60.11	NEW TOP OF ASPHALT ELEVATION	TSW61.87	NEW TOP OF SIDEWALK ELEVATION
GR57.0	NEW GRADE BREAK	GR55.0	EXISTING GRADE ELEVATION
FL55.0	NEW GRADE ELEVATION	FL55.3	FLOWLINE GRADE ELEVATION
TSW62.50	NEW TOP OF WALL ELEVATION	FF=56.30	NEW FINISH FLOOR ELEVATION
FF=56.30	FLOODWALL		

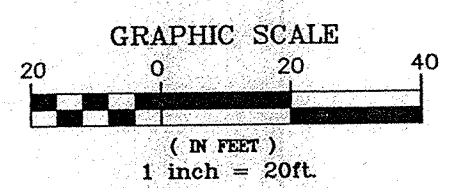
SILT FENCE DETAIL
SCALE: 1/2" = 1'-0"

- EROSION CONTROL MEASURES:
- PROVIDE TEMPORARY SILT FENCE ALONG EAST R.O.W. ON ARNO STREET AND AT BOTTOM OF EMBANKMENT ON EAST OF PROPERTY DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. CONTRACTOR SHALL IMMEDIATELY CLEAN ANY SEDIMENT RUNOFF CARRIED INTO THE STREET, TO INCLUDE SWEEPING THE STREET ON A DAILY BASIS AS NEEDED.
 - THE CONTRACTOR SHALL SECURE A "TOP SOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

CONSTRUCTION NOTES:

- CONTRACTOR SHALL SEED ALL DISTURBED AREAS ON EMBANKMENT PER CITY OF ALBUQUERQUE SPECIFICATIONS PRIOR TO ACCEPTANCE BY THE ENGINEER.
- NOT USED.
- PROVIDE ROOF GUTTER TO DRAIN ROOF FLOWS TO FRONT YARD WITH DOWNSPOUT AT FRONT YARD.
- CONSTRUCT RAILROAD TIES RETAINING WALL TO DIVERT OFFSITE FLOWS FROM EMBANKMENT TO SEDIMENT POND AT CUL-DE-SAC, SEE RETAINING WALL DETAIL.
- CONSTRUCT SEDIMENT POND TO MINIMIZE SEDIMENT RUNOFF INTO NEW CUL-DE-SAC STREET, APPROXIMATELY 40' LONG BY ONE FOOT DEPTH.
- PROVIDE SILT FENCE PER LIMITS SHOW PRIOR TO CONSTRUCTION IN ORDER TO MINIMIZE SEDIMENT RUNOFF INTO ARNO STREET DURING CONSTRUCTION. CONTRACTOR SHALL CLEAN ANY SEDIMENT RUNOFF INTO ARNO STREET.
- CONSTRUCT 12" DEEP SWALE TO DIVERT FLOW AWAY FROM HOUSE AND PARALLEL WITH RETAINING WALL. PROVIDE ROCK SWALE WITH LINER PER DETAIL B.

UTILITY PRECAUTIONS:
THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.



APPLIED ENGINEERING AND SURVEYING, INC. ENGINEERS AND PLANNERS 1605 Blair Drive NE Albuquerque, New Mexico 87112 Phone: (505) 237-1000		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GRADING PLAN E.L. PORVENIR SUBDIVISION		HYDROLOGY SECTION DEC 30 2003	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 725481		Zone Map No. J-14	Sheet 3 of 7

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.		FIELD NOTES		DATE		DATE	
BY		DATE		CONTRACTOR		DATE	
REMARKS		DATE		SITE BENCHMARK IS AN A.C.S.		DATE	
REVISIONS		DATE		MONUMENT "S-J 14R", ALUMINUM		DATE	
DESIGN		DATE		ELEVATION=4957.06, ALUMINUM		DATE	
DATE		DATE		DISK SET IN A BLOCK OF		DATE	
DATE		DATE		CONCRETE. THE STATION IS		DATE	
DATE		DATE		LOCATED AT THE INTERSECTION		DATE	
DATE		DATE		OF LOMAS BLVD AND THE		DATE	
DATE		DATE		A.T. & S.F. RAILWAY. VERTICAL		DATE	
DATE		DATE		DATUM=N.G.V.D.=1929		DATE	