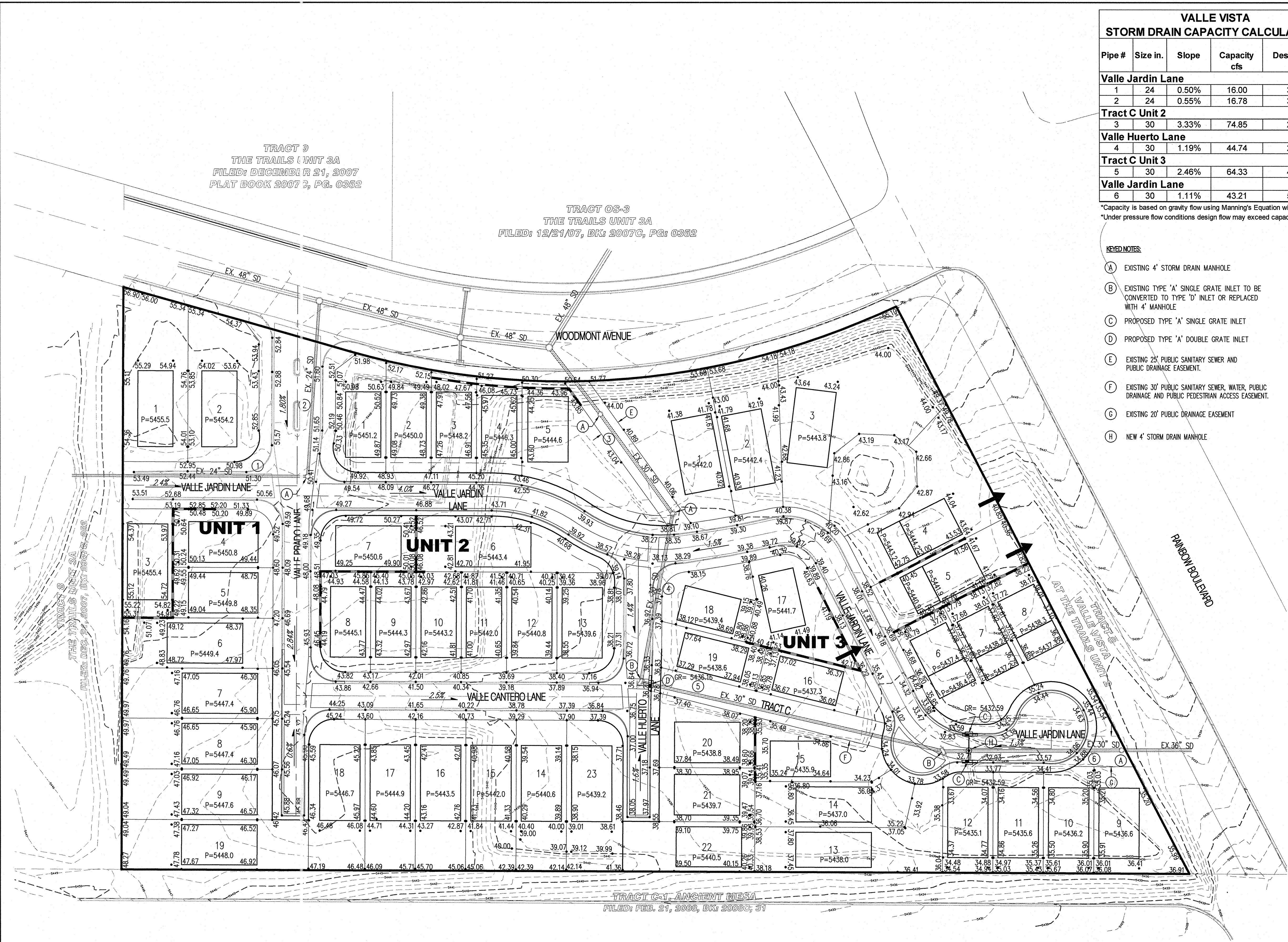




VALLE VISTA STORM DRAIN CAPACITY CALCULATIONS				
Pipe #	Size in.	Slope	Capacity cfs	Design Flow cfs
Valle Jardin Lane				
1	24	0.50%	16.00	31.30
2	24	0.55%	16.78	31.30
Tract C Unit 2				
3	30	3.33%	74.85	22.30
Valle Huerto Lane				
4	30	1.19%	44.74	22.30
Tract C Unit 3				
5	30	2.46%	64.33	45.60
Valle Jardin Lane				
6	30	1.11%	43.21	54.50

*Capacity is based on gravity flow using Manning's Equation with n=0.013
*Under pressure flow conditions design flow may exceed capacity

KEYED NOTES:

- (A) EXISTING 4' STORM DRAIN MANHOLE
- (B) EXISTING TYPE 'A' SINGLE GRATE INLET TO BE CONVERTED TO TYPE 'D' INLET OR REPLACED WITH 4' MANHOLE
- (C) PROPOSED TYPE 'A' SINGLE GRATE INLET
- (D) PROPOSED TYPE 'A' DOUBLE GRATE INLET
- (E) EXISTING 25' PUBLIC SANITARY SEWER AND PUBLIC DRAINAGE EASEMENT.
- (F) EXISTING 30' PUBLIC SANITARY SEWER, WATER, PUBLIC DRAINAGE AND PUBLIC PEDESTRIAN ACCESS EASEMENT.
- (G) EXISTING 20' PUBLIC DRAINAGE EASEMENT
- (H) NEW 4' STORM DRAIN MANHOLE

GENERAL NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, SHEET 38, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
- BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.
- ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.

LEGEND

- 91.62 PROPOSED SPOT ELEVATION
- x 92.46 EXISTING SPOT ELEVATION (GRID & TC)
- ===== EXISTING CURB & GUTTER
- ===== PROPOSED MOUNTABLE CURB & GUTTER
- ===== PROPOSED STANDARD CURB & GUTTER
- 5470 EXISTING CONTOUR W/ INDEX ELEVATION
- FLOW ARROW
- ===== PROPOSED RETAINING WALL
- ===== PROPOSED SLOPE
- ===== PROPOSED STORM DRAIN
- ===== PROPOSED STORM DRAIN MANHOLE
- ===== PROPOSED STORM DRAIN INLET
- ===== HIGH POINT
- WALL DRAIN

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

VALLE VISTA UNITS 1, 2 & 3
GRADING AND DRAINAGE PLAN

Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.	
City Project No. XXXXXX				Zone Map No. C-09-Z	Sheet 1		Of 2	