

LEGEND

- DRAINAGE AREAS
- A2 DRAINAGE AREA LABEL
- DRAINAGE DIRECTION (PROPOSED)
- LANDSCAPE ROCK
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE

PRIVATE PARKING LOT PARKING CALCULATION:
NOTE: NO BUILDING IS ASSOCIATED WITH PROPOSED PARKING LOT-NO PROPOSED BUILDING ONSITE, ONLY PARKING SPACES
PER APPENDIX B, SECTION 9.03 & 9.08; PARKING CALCULATIONS ARE NOT APPLICABLE FOR PRIVATE PARKING OR SERVICING OTHER PROPERTIES, THEREFORE:
TOTAL PARKING PROVIDED: 30 SPACES
BICYCLE PARKING SPACE PROVIDED: 3 SPACES

ZONING TABLE:
ZONING: SPECIAL DEVELOPMENT SD- SC #6541
USE: PRIVATE PARKING

LANDSCAPE CALCULATION:
TOTAL LOT AREA: 15,860.00 SF
15% OF TOTAL LOT AREA: 2,379 SF
TOTAL LANDSCAPE AREA PROVIDED: 3,884 SF
E. CROSBY AVENUE LINEAR FRONTAGE: 122 LF
E. CROSBY AVENUE TREE REQUIREMENT: $\frac{122}{10} = 12$ TREES
MESA STREET LINEAR FRONTAGE: 130 LF
MESA STREET TREE REQUIREMENT: $\frac{130}{26} = 5$ TREES

DETAILED SITE PLAN

LEGAL DESCRIPTION:
1600 N. MESA STREET
LOTS 16 THROUGH 20, BLOCK 57
ALEXANDER ADDITION,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING: 15,860.00 SQ. FT. OR 0.3641 ACRES ±

FEMA FLOODPLAIN DATA:
ACCORDING TO THE FLOOD INSURANCE RATE MAP HEREON DESCRIBED TRACT LIES IN ZONE "C", COMMUNITY PANEL NO. 480214-0033-B, DATED 10-15-1982.
BENCHMARK:
FOUND CITY MONUMENT AT CENTERLINE INTERSECTION OF E. SCHUSTER ST. & KANSAS ST.
BENCHMARK ELEVATION: 3875.60' CITY DATUM

TABLE 1: EXISTING PEAK DISCHARGE (100-YEAR EXISTING CONDITIONS)

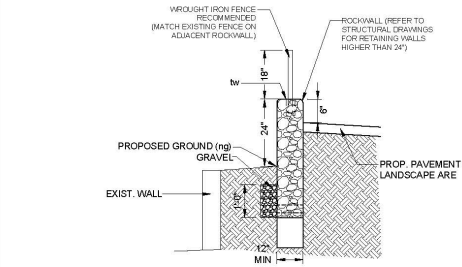
WATERSHED AREA NO.	AREA (acres)	RUNOFF COEFFICIENT (c)	TIME OF CONCENTRATION (T _c min)	RAINFALL INTENSITY (I ₁₀₀ in/hr)	RUNOFF, Q ₁₀₀ (cfs)	DIRECTION OF FLOW
A1	0.11	0.40	10.00	5.19	0.23	MESA STREET
A2	0.19	0.40	10.00	5.19	0.39	E. CROSBY AVENUE
A3	0.06	0.40	10.00	5.19	0.12	EXISTING PAVED ALLEY/E. CROSBY AVENUE
TOTAL EXISTING RUNOFF TO MESA ST:						0.23
TOTAL EXISTING RUNOFF TO E. CROSBY AVENUE:						0.62

TABLE 2: PROPOSED PEAK DISCHARGE (100-YEAR PROPOSED CONDITIONS)

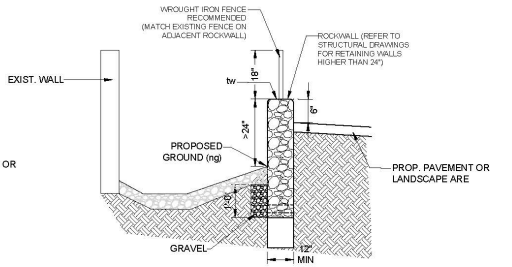
WATERSHED AREA NO.	AREA (acres)	RUNOFF COEFFICIENT (c)	TIME OF CONCENTRATION (T _c min)	RAINFALL INTENSITY (I ₁₀₀ in/hr)	RUNOFF, Q ₁₀₀ (cfs)	DIRECTION OF FLOW
A1	0.04	0.40	10.00	5.19	0.08	LANDSCAPE AREA /WATER HARVESTING
A2	0.05	0.40	10.00	5.19	0.10	E. CROSBY AVENUE
A3	0.25	0.95	10.00	5.19	1.23	EXISTING PAVED ALLEY/E. CROSBY AVENUE
A4	0.02	0.40	10.00	5.19	0.04	EXISTING PAVED ALLEY/E. CROSBY AVENUE
TOTAL EXISTING RUNOFF TO MESA ST:						0.00
TOTAL EXISTING RUNOFF TO E. CROSBY AVENUE:						1.38

WATER HARVESTING AREA VOLUME CALCULATION: $((60.25 \times 590.08) / 2) + ((590.08 \times 1458.89) / 2) + ((1458.89 \times 1788.68) / 2) = 3298.6$ cf or 0.08 ac-ft

- SITE PLAN NOTES:**
- NO BUILDING STRUCTURES ARE PROPOSED WITHIN SITE LIMITS.
 - CONTRACTOR SHALL REPAIR AND RESTORE ANY DAMAGED EXISTING STRUCTURES OR SITE UTILITIES TO THE SAME OR BETTER CONDITION. THIS SHALL APPLY TO ASPHALT, CONCRETE, MANHOLES, WATER VALVES, ETC.
 - ALL EXISTING AND PROPOSED SIDEWALKS, BARRIER FREE RAMPS, HANDICAP PARKING, DRIVEWAY CROSSLANDS, DRIVEWAYS AND ACCESSIBLE ROUTES SHALL COMPLY WITH A.D.A., T.A.S. AND CITY OF EL PASO REQUIREMENTS. EXISTING INFRASTRUCTURE NOT COMPLYING SHALL BE REMOVED AND REPLACED TO MEET STANDARDS.

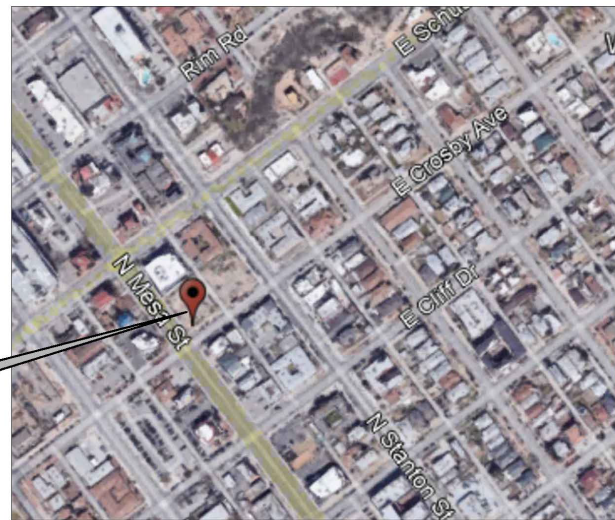


A1 TYP. LANDSCAPE WALL FOR SECTIONS B, C, D
NO SCALE



A2 TYP. LANDSCAPE WALL FOR SECTION A
NO SCALE

PROJECT LOCATION



A4 LOCATION MAP
SCALE: 1" = 200'



DETAILED SITE PLAN

for
**PROPOSED OVERFLOW
PARKING LOT FOR
ENDOSCOPY CENTER**

1600 N. MESA STREET
EL PASO, TX
LOTS 16 THROUGH 20, BLOCK 57
ALEXANDER ADDITION,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.

NO.	DATE	DESCRIPTION

**DETAILED
SITE PLAN**

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