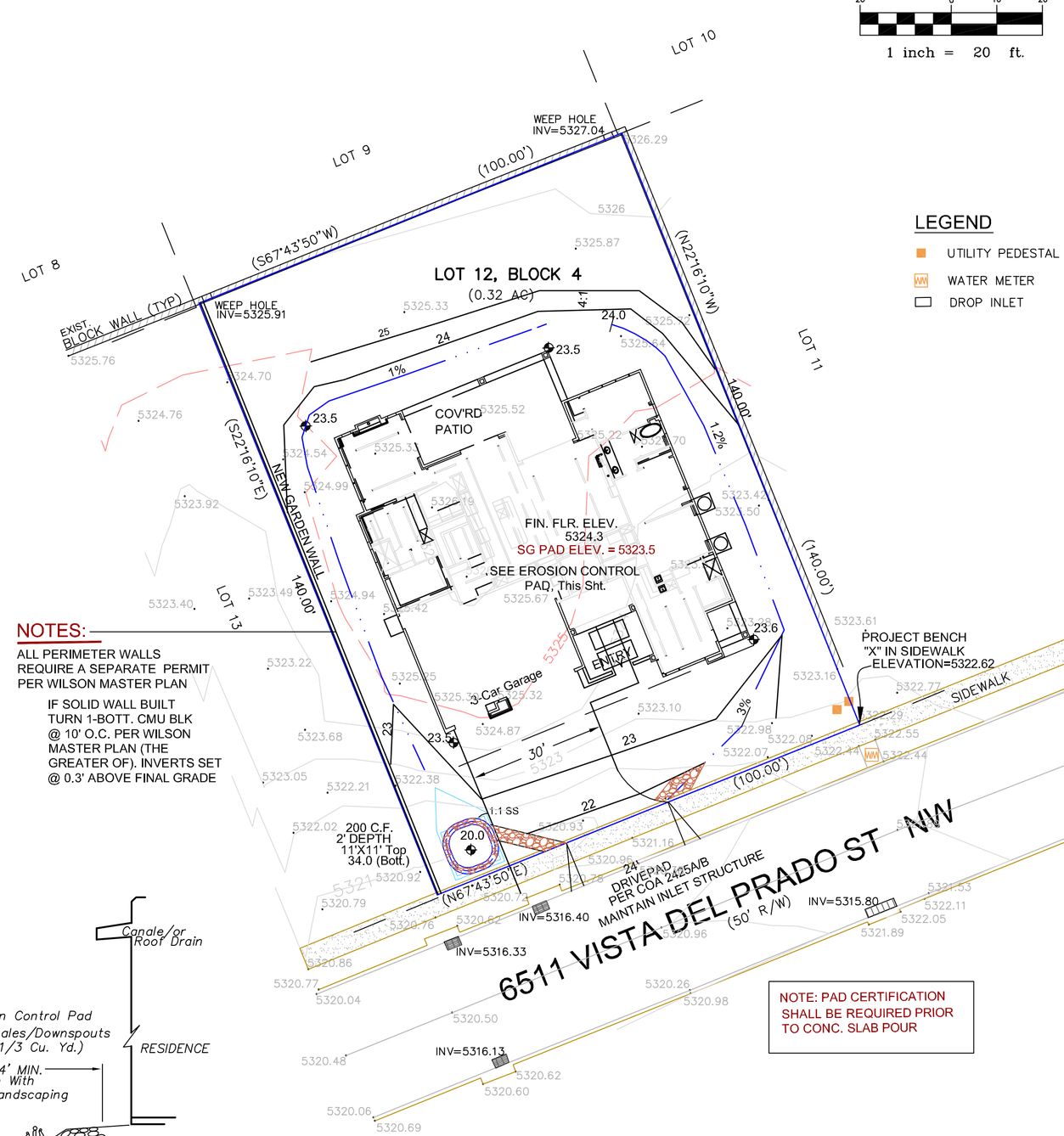


1 inch = 20 ft.

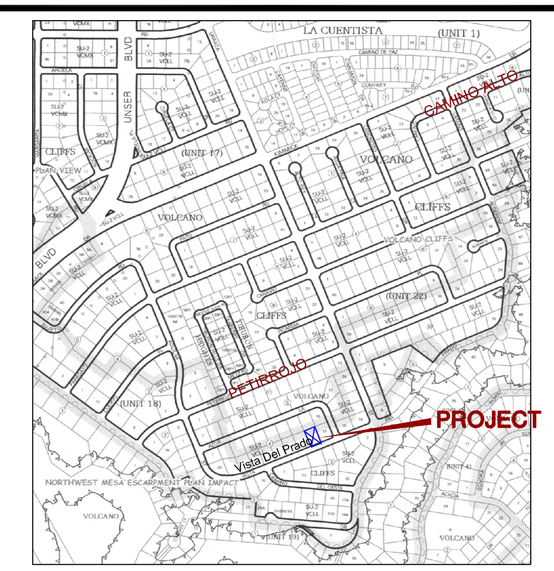
LEGEND

- UTILITY PEDESTAL
- WATER METER
- DROP INLET

NOTES:

ALL PERIMETER WALLS REQUIRE A SEPARATE PERMIT PER WILSON MASTER PLAN

IF SOLID WALL BUILT TURN 1-BOTT. CMU BLK @ 10' O.C. PER WILSON MASTER PLAN (THE GREATER OF). INVERTS SET @ 0.3' ABOVE FINAL GRADE



VICINITY MAP

ZONE D-10

NOTES

1. ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECS. FOR PUBLIC WORKS CONSTRUCTION, 2020.
2. AN EXCAVATION/CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY R.O.W. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE TIME OF APPLICATION.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL LANDSCAPING AREA SHALL BE SOFT-LINED WITH NATIVE VEGETATION AND/OR GRAVEL.
5. CONTRACTOR SHALL ENSURE THAT NO SITE SOILS/SEDIMENT OR SILT ENTER THE RIGHT-OF-WAYS DURING CONSTRUCTION.
6. REVEGETATE ALL AREAS DISTURBED DUE TO CONSTRUCTION PER CITY OF ALBUQ. SPEC. 1012, NATIVE SEED MIX.
7. MAXIMUM SITE GRADING WITHOUT EROSION PROTECTION: 2 HORIZONTAL TO 1 VERTICAL, 2:1 SLOPES < 4' HIGH.

LEGEND

- EXIST. SPOT ELEVATION
- EXIST. CONTOUR
- NEW SPOT ELEVATION
- NEW CONTOUR
- NEW SWALE
- DRAINAGE DIRECTION, EXISTING
- FLOWLINE
- EXISTING POWER POLE
- NATURAL GROUND, EXISTING
- REBAR AND CAP, EXISTING
- VVL, 4" AVG. DIA. SMOOTH RUN COBBLES / RIPRAP, 6" DEPTH, V-SHAPED

CALCULATIONS

DESIGN CRITERIA

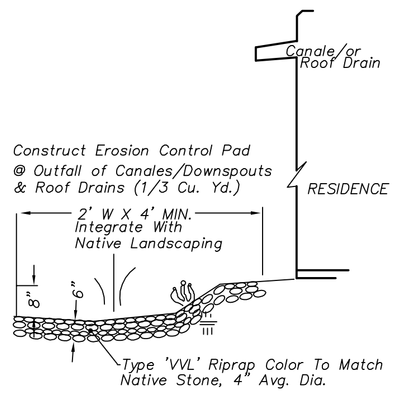
HYDROLOGIC METHODS PER CHAPTER 6, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM) 2020 EDITION FOR CITY OF ALBUQUERQUE.
DISCHARGE RATE: Q=QPEAK x AREA.."Peak Discharge Rates For Small Watersheds"
VOLUMETRIC DISCHARGE: VOLUME = EWeighted x AREA
P100-6 Hr= 2.17 In., Zone 1, TC = 12 Min.
DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [ ] = 10 YEAR VALUES

DEVELOPED CONDITIONS

DETERMINE LAND TREATMENTS, PEAK DISCHARGE AND VOLUMETRIC DISCHARGE FOR STUDY AREA

	AREA	LAND TREATM'T	Q Peak	E
UNDEVELOPED	0.00 Ac.(-%)	A	1.54[0.30]	0.55[0.11]
LANDSCAPING, Native, <10%	0.10 Ac.(30%)	B	2.16[0.81]	0.73[0.26]
GRAVEL & COMPACTED SOIL	0.09 Ac.(29%)	C	2.87[1.46]	0.95[0.43]
ROOF - PAVEMENT	0.129 Ac.(40%)	D	4.12[2.57]	2.24[1.43]
	0.32 Ac.			

SAD 288 SETS MAX.LT D OF 36%
THEREFORE: .04 X 0.32 X 43560 X 2.24/12 = 104 CF
CHECK 1ST FLUSH, AKA EPA SWQ & 2020 DPM - USE 0.42"
THEN: 0.42"/12 X 0.129 X 43560 = 197 CF



EROSION CONTROL PAD

NO SCALE

PROJECT DATA

LEGAL DESCRIPTION (EXISTING)

LOT 12, BLOCK 4, VOLCANO CLIFFS, UNIT 19
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

PROJECT BENCHMARK

CHISLED 'X' IN SIDEWALK @ SOUTHEAST CORNER PROJECTED:
SEE PLAN, ELEVATION = 5322.62 AS TIED FROM ACS CONTROL MONUMENT SYSTEM (NAVD 88), BY COMMUNITY SCIENCES SURVEY.

11/6/23 PHILIP W. CLARK NEW MEXICO 10265 REGISTERED PROFESSIONAL ENGINEER

I, PHILIP W. CLARK, A PROFESSIONAL ENGINEER LICENSED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT I HAVE VISITED THE SITE SHOWN HEREON, AND THAT THE CONTOURS SHOWN REPRESENT THE EXISTING GROUND CONDITIONS, AND DO FURTHER CERTIFY THAT NO SIGNIFICANT EARTHWORK NOR MAJOR DISTURBANCE OF THE EXISTING GROUND HAS OCCURRED ON THIS SITE SINCE THE CONTOURS WERE DETERMINED.

PHILIP W. CLARK NMPE #10265

Clark Consulting Engineers
Edgewood, New Mexico 87015
Tele: (505) 281-2444 Cell/Txt: (505) 264-6042

DATE	REVISION

LOT 12, BLOCK 4, VOLCANO CLIFFS, UNIT 19
ALBUQUERQUE, BERNALILLO COUNTY, NM

6511 VISTA DEL PRADO, NW

Grading & Drainage Plan

DESIGNED BY: PWC | DRAWN BY: CCE | MEDINA_Vista D Prado
CHECKED BY: PWC | DATE: NOV2023 | FILE #: G/D

1 OF 1

City Hyrdol. D-10/D003