



- (1) GRADE EARTH SWALE PER DETAIL ON SHEET C4.
- (2) INSTALL 42" PERFORATED RETENTION PIPE PER DETAIL ON SHEET C4.
- (3) CONSTRUCT CONCRETE WALKWAY PER TOML STANDARD PLAN 107 AND DETAIL ON SHEET C4.
- (4) RELOCATE EXISTING UTILITY.
- (5) REMOVE EXISTING UTILITY.
- (6) INSTALL JENSEN PRECAST 36" STORM DRAIN JUNCTION BOX PER MANUFACTURER'S RECOMMENDATIONS OR APPROVED EQUAL.
- (7) INSTALL 12" HDPE STORM DRAIN PIPE PER TRENCH DETAIL SHEET C4.
- (8) REMOVE 10' OF EX. TRENCH DRAIN. INSTALL 12" OMP W/COLLARS, CONNECT TO EACH END OF EX. TRENCH DRAIN.
- (9) INSTALL TRUNCATED DOME'S PER DETAIL ON SHEET C4.
- (10) RECONSTRUCT AC PARKING PER ELEVATIONS ON PLAN. SAW CUT 1' EXISTING AC. MATCH EX. AC THICKNESS.
- (11) CONSTRUCT CONCRETE PAD PER SECTION ON SHEET C4.
- (12) STRIPE 4" WIDE WHITE THERMOPLASTIC PARKING LINES.
- (13) STRIPE VAN ACCESSIBLE PARKING PER ARCHITECTURAL PLANS.
- (14) CONSTRUCT TYPE II ROLLED CURB PER TOML STANDARD PLAN 102 AND DETAIL ON SHEET C4.
- (15) CONSTRUCT PEDESTRIAN RAMP PER ELEVATION AS SHOWN.
- (16) PLACE 4" AC ON 6" BASE. SAW CUT 1' EXISTING AC.
- (17) REMOVE AC AND EXTEND PLANTER PER ARCHITECTURAL PLANS.
- (18) RECONSTRUCT AC PARKING PER AC TRENCH PATCH DETAIL ON SHEET C4.
- (19) INSTALL JENSEN PRECAST 24"x24" DROP INLET PER MANUFACTURER'S RECOMMENDATIONS OR APPROVED EQUAL.
- (20) INSTALL 4" HDPE STORM DRAIN PIPE FOR ROOF DRAINS PER TRENCH DETAIL SHEET C4.

CONSTRUCTION MANAGEMENT PLAN TO BE PREPARED BY THE CONTRACTOR

Storage Volume Calculation			
Rainfall	Quantity	1 in	= 0.083 ft
Tributary Area and Average Runoff Coefficient			
	Area		C
Roof	7,302 sf	87%	0.95
AC	940 sf	11%	0.90
Concrete	0,198 sf	2%	0.95
Total Area	8,440 sf	100%	0.94
Required Storage			
Volume Required = Tributary Area * Average Runoff Coefficient * Rainfall			
Volume Required	664 cf		

PIPE DIAMETER		PIPE VOLUME	STONE VOID VOLUME	TOTAL RETENTION STORAGE	PERC VOLUME	RETENTION STORAGE W PERC	LENGTH OF TYPICAL CROSS SECTION	LINEAR FEET OF PIPE REQ'D
in.	ft	ft ³ /csc-ft	ft ³ /csc-ft	ft ³ /csc-ft	ft ³ /csc-ft	ft ³ /csc-ft	ft	ft
24	2.00	3.14	2.29	5.43	1.42	6.84	97	97
30	2.50	4.91	3.86	8.77	1.88	10.65	126	126
36	3.00	7.07	4.64	11.71	2.08	13.80	48	48
42	3.50	9.62	5.46	15.08	2.29	17.37	38	38
48	4.00	12.57	6.31	18.88	2.50	21.38	31	31

INPUT SIZE OF PIPES (ft):	3.00
INPUT NUMBER OF ROWS OF PIPES:	1
INPUT PERCOLATION RATE (ft/hr):	0.25
INPUT REQ'D. STORAGE VOLUME (cf):	664

REVIEWING AGENCIES
STAMP HERE

2375-009-100

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ONTARIO, CA 91764
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DESCRIPTION	DATE
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KEYNOTES

NOTES

FACILITY:
MAMMOTH LAKES FOUNDATION
100 COLLEGE PKWY
MAMMOTH LAKES, CA 93546

PROJECT:
MAMMOTH ARTS & CULTURAL CENTER PHASE 2

SHEET NAME:
GRADING AND DRAINAGE PLAN

AGENCY SUBMITTAL

DATE: 03/28/2025

SHEET:

CLIENT PROJ NO:

C2

PLEASE RECYCLE





