

**GENERAL NOTES:**  
1. REFER TO SHEET C-0091 FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS

**CONSTRUCTION NOTES:**

a. "COMPLY WITH ALL PROVISIONS AND REQUIREMENTS OF MESA BUILDING CODE (MBC) CHAPTER 33 - SAFEGUARDS DURING CONSTRUCTION, MESA FIRE CODE (MFC) CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, AND NFPA 241 FOR ITEMS NOT SPECIFICALLY ADDRESSED BY MFC CHAPTER 33."  
"FIRE APPARATUS ACCESS ROADS ARE ESSENTIAL DURING CONSTRUCTION TO ALLOW EMERGENCY RESPONSE TO THE SITE FOR BOTH FIRE AND MEDICAL EMERGENCIES. ACCESS ROADS SHALL BE IN PLACE PRIOR TO THE START OF VERTICAL CONSTRUCTION. IT IS IMPORTANT TO DEVELOP ACCESS ROADS TO AN EARLY STAGE OF CONSTRUCTION TO ALLOW FOR FIRE DEPARTMENT ACCESS TO THE SITE IN THE CASE OF FIRE OR INJURY."

b. "REQUIRED FIRE APPARATUS ACCESS ROAD DURING CONSTRUCTION OR DEMOLITION SHALL COMPLY WITH MESA FIRE AND MEDICAL DEPARTMENT STANDARD DETAIL FPD 3310.1. THE ACCESS ROAD SHALL BE A MINIMUM OF 20 FEET WIDE OF ALL-WEATHER DRIVING SURFACE, GRADED TO DRAIN STANDING WATER AND ENGINEERED TO BEAR THE IMPOSED LOADS OF FIRE APPARATUS (75,000 LBS., 24,000 LBS. FRONT AXLE, 54,000 LBS. REAR AXLE) WHEN ROAD ARE WET."  
"THE ACCESS ROAD SHALL EXTEND TO WITHIN 200 FEET OF ANY COMBUSTIBLE MATERIALS AND/OR ANY LOCATION ON THE JOBSITE WHERE ANY PERSONS) SHALL BE WORKING FOR A MINIMUM OF FOUR (4) CONTINUOUS HOURS IN ANY DAY. A CLEARLY VISIBLE SIGN MARKED "FIRE DEPARTMENT ACCESS" IN RED LETTERS, SHALL BE PROVIDED AT THE ENTRY TO THE ACCESS ROAD."  
ALL OPEN TRENCHES SHALL HAVE STEEL PLATES CAPABLE OF MAINTAINING THE INTEGRITY OF THE ACCESS ROAD DESIGN WHEN THESE TRENCHES CROSS AN ACCESS ROAD.

THESE ACCESS ROADS MAY BE TEMPORARY OR PERMANENT. THIS POLICY APPLIES ONLY DURING CONSTRUCTION AND/OR DEMOLITION. PERMANENT ACCESS PER THE MFC SHALL BE IN PLACE PRIOR TO ANY FINAL INSPECTION OR CERTIFICATE OF OCCUPANCY."  
c. "WATER SUPPLY FOR FIRE PROTECTION, AS APPROVED WATER SUPPLY FOR CONSTRUCTION SITE SHALL MEET THE REQUIREMENTS OF MFC APPENDIX CHAPTERS 8 AND C. THE MINIMUM FIRE FLOW REQUIREMENT WHEN CONTRACTOR OR DEVELOPER BRINGS COMBUSTIBLE MATERIALS ON SITE IS 1,500 GPM AT 20 PSI AT LEAST ONE FIRE HYDRANT SHALL BE WITHIN 500 FEET OF ANY COMBUSTIBLE MATERIAL AND CAPABLE OF DELIVERING THE MINIMUM FIRE FLOW REQUIREMENTS. THIS HYDRANT OR HYDRANTS MAY BE EITHER TEMPORARY OR PERMANENT AS THE PROJECT SCHEDULE PERMITS."  
IN ADDITION, THERE ARE TIMES WHEN HYDRANTS AND VALVES MUST BE CLOSED TEMPORARILY FOR REPAIR WORK OR CONSTRUCTION OF THE WATER SYSTEM. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE WATER SUPPLY IS ALWAYS AVAILABLE. WHEN THE WORK IS COMPLETE, DEVELOPER/CONTRACTOR SHALL MAKE SURE THAT THE FIRE HYDRANTS ARE ACTIVE, AND THE VALVES ARE OPEN."

**FIRE ACCESS NOTES:**

1. REQUIRED FIRE APPARATUS ACCESS ROAD DURING CONSTRUCTION OR DEMOLITION. THE ACCESS ROAD SHALL BE A MINIMUM OF 20 FEET WIDE AND SHALL BE AN ALL-WEATHER DRIVING SURFACE, GRADED TO DRAIN STANDING WATER AND ENGINEERED TO BEAR THE IMPOSED LOADS OF FIRE APPARATUS (75,000 LBS / 24,000 PER AXLE) WHEN ROADS ARE WET.
2. THE ACCESS ROAD SHALL BE EXTENDED TO WITHIN 200 FEET OF ANY COMBUSTIBLE MATERIALS AND/OR ANY LOCATION ON THE JOBSITE WHERE ANY PERSONS) SHALL BE WORKING FOR A MINIMUM OF FOUR (4) CONTINUOUS HOURS IN ANY DAY. A CLEARLY VISIBLE SIGN MARKED "FIRE DEPARTMENT ACCESS" IN RED LETTERS, SHALL BE PROVIDED AT THE ENTRY TO THE ACCESS ROAD.

3. ALL OPEN TRENCHES SHALL HAVE STEEL PLATES CAPABLE OF MAINTAINING THE INTEGRITY OF THE ACCESS ROAD DESIGN WHEN THESE TRENCHES CROSS AN ACCESS ROAD. THESE ACCESS ROADS MAY BE TEMPORARY OR PERMANENT. THIS POLICY APPLIES ONLY DURING CONSTRUCTION AND/OR DEMOLITION. PERMANENT ACCESS PER THE MESA FIRE CODE SHALL BE IN PLACE PRIOR TO ANY FINAL INSPECTION OR CERTIFICATE OF OCCUPANCY. IFC CHAPTER 33.
2. SURVEY BENCHMARK:  
BRASS TAG IN HEADWALL AT THE SOUTHEAST CORNER OF POWER ROAD AND ELLIOT ROAD. CITY OF MESA BENCHMARK DATUM ELEVATION = 1336.84' (NAVD 83 DATUM)  
BASIS OF BEARING:  
THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 1 SOUTH, RANGE 7 EAST, BEARING = NORTH 89°34'15" WEST

**SURVEY NOTES:**

1. SURVEY INFORMATION IS BASED ON CAD FILES PROVIDED BY EPS GROUP, INC., 1150 N. ALMA SCHOOL RD, SUITE 120, MESA, AZ 85201  
PHONE: 480.503.2250  
FAX: 480.503.2285

**SITE DATA TABLE**

zoning district	D2 SDRPBT
lot area	16,847 SFS
building area	283,497 SF
building footprint	10,422 SFT
proposed building height	30'4"

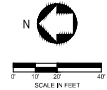
**PARKING STALL COUNT**

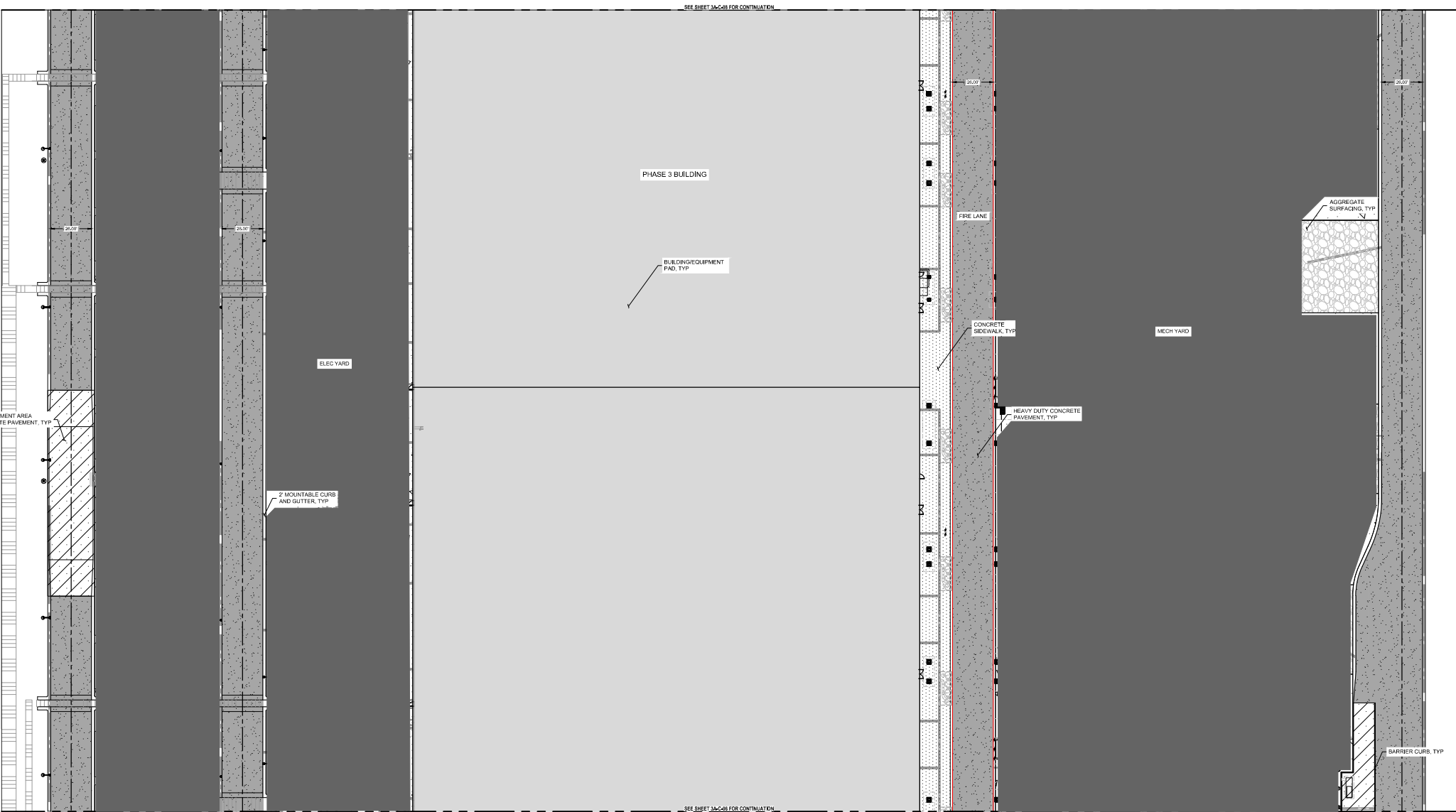
location	standard	ada	electric vehicle	total
dc-43	98	6	8	110

**LANDSCAPE AREA CALCULATIONS**

vegetation credit required (50%)	727,480 SQFT
trees and shrubs area as per vegetation credit	4,880 SQFT
ground cover area as per vegetation credit	820,422 SQFT
vegetation credit provided (50%)	825,102 SQFT
tree canopy	25,607 SQFT

REFER TO LANDSCAPE PLAN





**GENERAL NOTES:**

1. REFER TO SHEET C-001 FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS.

**CONSTRUCTION NOTES:**

1. "COMPLY WITH ALL PROVISIONS AND REQUIREMENTS OF MESA BUILDING CODE (MBC) CHAPTER 33 - SAFEGUARDS DURING CONSTRUCTION. MESA FIRE CODE (MFC) CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION. AND NFPA 241 FOR ITEMS NOT SPECIFICALLY ADDRESSED BY MFC CHAPTER 33."
2. "REQUIRED FIRE APPARATUS ACCESS ROAD DURING CONSTRUCTION OR DEMOLITION SHALL COMPLY WITH MESA FIRE AND MEDICAL DEPARTMENT STANDARD DETAIL, PFD 3310.1. THE ACCESS ROAD SHALL BE A MINIMUM OF 20 FEET WIDE OF ALL-WEATHER DRIVING SURFACE, GRADED TO DRAIN STANDING WATER AND ENGINEERED TO BEAR THE IMPOSED LOADS OF FIRE APPARATUS (75,000 LBS. / 24,000 LBS. FRONT AXLE / 54,000 LBS. REAR AXLE) WHEN ROAD ARE WET."
3. "WATER SUPPLY FOR FIRE PROTECTION, AS APPROVED WATER SUPPLY FOR CONSTRUCTION SITE IS 1,500 GPM AT 20 PSI. AT LEAST ONE FIRE HYDRANT SHALL BE WITHIN 500 FEET OF ANY COMBUSTIBLE MATERIALS AND CAPABLE OF DELIVERING THE MINIMUM FIRE FLOW REQUIREMENTS. THIS HYDRANT OR HYDRANTS MAY BE EITHER TEMPORARY OR PERMANENT AS THE PROJECT SCHEDULE PERMITS."
4. "ACCESS ROADS MAY BE TEMPORARY OR PERMANENT. THIS POLICY APPLIES ONLY DURING CONSTRUCTION AND/OR DEMOLITION. PERMANENT ACCESS PER THE MESA FIRE CODE SHALL BE IN PLACE PRIOR TO ANY FINAL INSPECTION OR CERTIFICATE OF OCCUPANCY."
5. "THE ACCESS ROAD SHALL BE EXTENDED TO WITHIN 200 FEET OF ANY COMBUSTIBLE MATERIALS AND/OR ANY LOCATION ON THE JOBSITE WHERE ANY PERSON(S) SHALL BE WORKING FOR A MINIMUM OF FOUR (4) CONTINUOUS HOURS IN ANY DAY. A CLEARLY VISIBLE SIGN MARKED "FIRE DEPARTMENT ACCESS" IN RED LETTERS, SHALL BE PROVIDED AT THE ENTRY TO THE ACCESS ROAD."
6. "ALL OPEN TRENCHES SHALL HAVE STEEL PLATES CAPABLE OF MAINTAINING THE INTEGRITY OF THE ACCESS ROAD DESIGN WHEN THESE TRENCHES CROSS AN ACCESS ROAD."

**FIRE ACCESS NOTES:**

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**SURVEY NOTES:**

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PHONE: 480.503.2250  
FAX: 480.503.2285

**2. SURVEY BENCHMARK:**

BRASS TAG IN HEADWALL AT THE SOUTHEAST CORNER OF POWER ROAD AND ELLIOT ROAD. CITY OF MESA BENCHMARK DATUM ELEVATION = 1336.84' (NAVD 88' DATUM)

**BASIS OF BEARING:**

THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 1 SOUTH, RANGE 7 EAST, BEARING = NORTH 89°34'15" WEST

**SITE DATA TABLE**

LOCATION	STANDARD	ADA	ELECTRIC VEHICLE	TOTAL
LOC-01	98	6	6	110

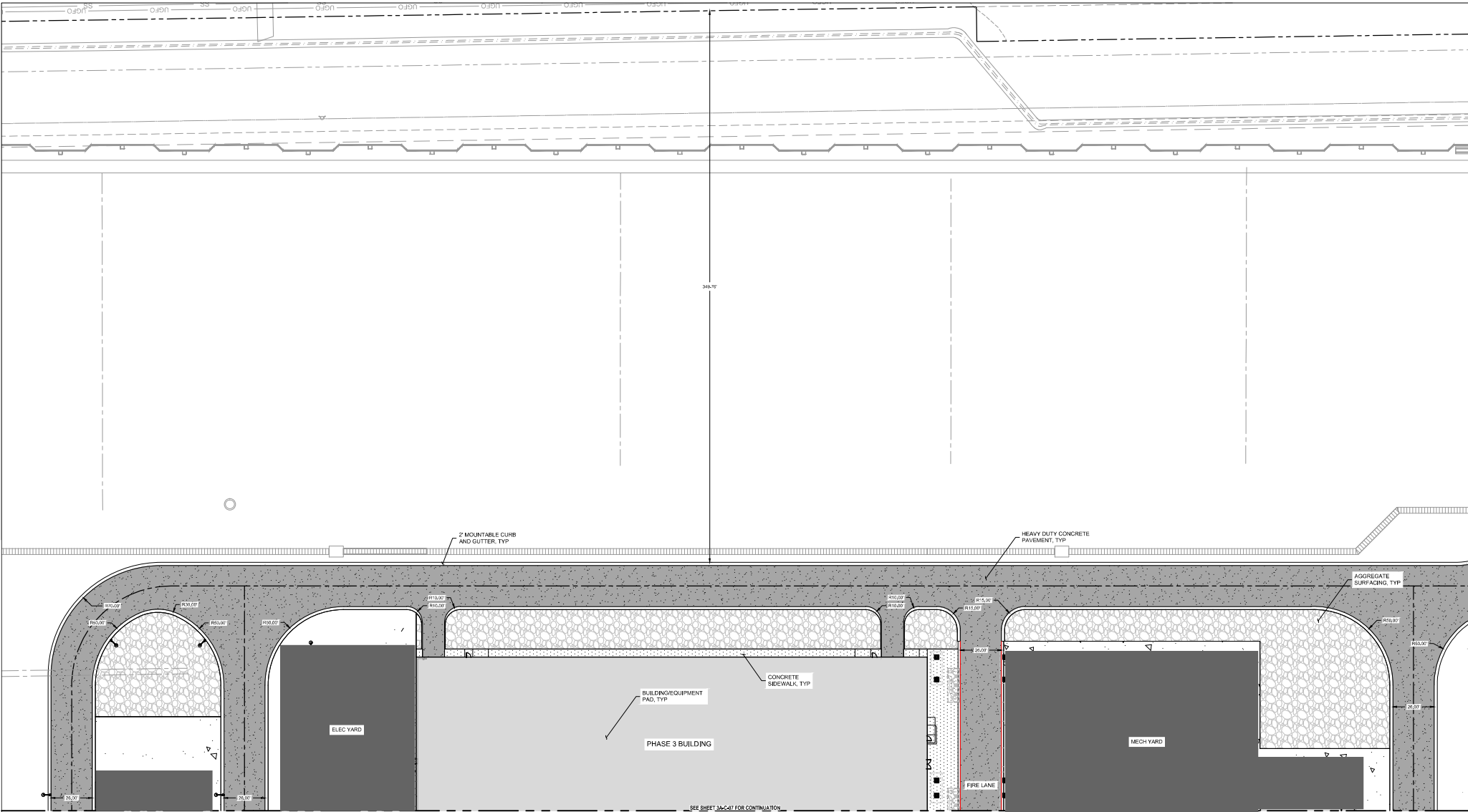
**PARKING STALL COUNT**

LOCATION	STANDARD	ADA	ELECTRIC VEHICLE	TOTAL
LOC-01	98	6	6	110

**LANDSCAPE AREA CALCULATIONS**

VEGETATION CREDIT REQUIRED (80%)	TOTAL
TREE AND SHRUBS AREA AS PER VEGETATION CREDIT	722,480 SQFT
GRASS AND COVER AREA AS PER VEGETATION CREDIT	4,080 SQFT
VEGETATION CREDIT PROVIDED (80%)	826,192 SQFT
TREE CANOPY	25,601 SQFT

REFER TO LANDSCAPE PLAN



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CITY OF MESA BENCHMARK DATUM  
ELEVATION = 1336.84 (NAVD 83 DATUM)

**BASES OF BEARING:**  
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**SITE DATA TABLE**

LOCATION	STANDARD	ADA	ELECTRIC VEHICLE	TOTAL
10048	58	6	8	110

**LANDSCAPE AREA CALCULATIONS**

VEGETATION CREDIT REQUIRED (50%)	TREE AND SHRUB AREA AS PER VEGETATION CREDIT	GROUND COVER AREA AS PER VEGETATION CREDIT	VEGETATION CREDIT PROVIDED (50%)	TREE CANOPY
727,480 SQFT	4,880 SQFT	320,432 SQFT	825,102 SQFT	25,607 SQFT

REFER TO LANDSCAPE PLAN