



Heber Public Works Expansion

Space Needs Summary

Monday, November 21, 2016

Office and Storage Areas					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
1.00	Common Areas - Public Access			1,089 S.F.	
2.00	Common Building Support Areas - Staff			3,826 S.F.	
3.00	Office and Accessory Storage Areas			3,799 S.F.	
Area Total				8,714 S.F.	

Shop, Mechanical, and Fabrication					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
4.00	Shop, Mechanical, and Fabrication			8,800 S.F.	Office and Secure Storage Included in Area 3.0
Area Total				8,800 S.F.	

Vehicle and Equipment - Enclosed and Climatized					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
5.00	Vehicle & Equip. Stor.			30,888 S.F.	
Area Total				30,888 S.F.	

Covered Parking and Storage					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
6.00	Vehicle & Equip. Stor.			16,750 S.F.	
Area Total				16,750 S.F.	

Outside Parking					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
7.00	Outside Parking			3,600 S.F.	
Area Total				3,600 S.F.	

Bulk Storage					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
8.00	Bulk Material Storage			12,760 S.F.	
Area Total				12,760 S.F.	

Parking - Personal Vehicle					
Space No.	Space Description	Existing Area		Design Reqmnt.	Comments
9.0	Visitor Parking			6 Sp.	
9.1	Staff Parking			30 Sp.	Current Req'd - 20 Spaces / 10 Year - 30 Spaces / 20 Year - 40 Spaces
Area Total				36 Sp.	



Heber Public Works Expansion

Space Needs Summary

Common Areas - Public Access

Space No.	Space Description	Existing Quantity	Existing Area	Required Current	Projected 5-10 Yr.	Projected 20 Yr.	Space Standard	Design Reqmnt.	Comments
Common Areas - Public Access									
1.1	Entry Vestibule	0	0 S.F.	1	1	1	48 S.F.	48 S.F.	
1.2	Public Lobby	1	80 S.F.	1	1	1	180 S.F.	180 S.F.	6 - 8 Chairs / Waiting
1.3	Reception Counter	2	60 S.F.	2	2	2	42 S.F.	84 S.F.	
1.4	Conference Meeting Room	0	0 S.F.	1	1	1	375 S.F.	375 S.F.	16 Seats
1.5	Mens Public Rest Room	0	0 S.F.	1	1	1	60 S.F.	60 S.F.	Single Occupant
1.6	Womens Public Rest Room	0	0 S.F.	1	1	1	60 S.F.	60 S.F.	Single Occupant
								807 S.F.	
							Gross Area Factor 35%	282 S.F.	
							Area Total	1089 S.F.	



Heber Public Works Expansion

Space Needs Summary

Common Building Support Areas - Staff

Space No.	Space Description	Existing Quantity	Existing Area	Required Current	Projected 5-10 Yr.	Projected 20 Yr.	Space Standard	Design Reqmnt.	Comments
2.1	Lunch Room - Kitchen	1	145 S.F.	1	1	1	150 S.F.	150 S.F.	
2.2	Eating Area	1	300 S.F.	1	1	1	400 S.F.	400 S.F.	Adjacent to Training Room - Folding Door
2.3	Training/Meeting Room	1	300 S.F.	1	1	1	600 S.F.	600 S.F.	Adjacent to Eating Area - Folding Door
2.4	Table/Chair Storage	0	0 S.F.	1	1	1	120 S.F.	120 S.F.	
2.5	Rest Room - Mens	1	269 S.F.	1	1	1	156 S.F.	156 S.F.	Existing area includes locker & shower
2.6	Rest Room - Women	1	136 S.F.	1	1	1	156 S.F.	156 S.F.	Existing area includes locker & shower
2.7	Shared Common Locker Area	0	0 S.F.	22	30	40	14 S.F.	560 S.F.	
2.8	Private Changing/Rest Rooms	0	0 S.F.	1	2	2	68 S.F.	136 S.F.	
2.9	Private Changing/Rest Rooms/Shower	0	0 S.F.	1	2	2	98 S.F.	196 S.F.	
2.10	Emergency Supplies	0	0 S.F.	1	1	1	120 S.F.	120 S.F.	
2.11	Communications/Data Room	0	0 S.F.	1	1	1	120 S.F.	120 S.F.	
2.12	Facility/Janitorial Supplies	1	35 S.F.	1	1	1	120 S.F.	120 S.F.	
Net Assigned Area								2834 S.F.	
Gross Area Factor							35%	992 S.F.	
Area Total								3826 S.F.	



Heber Public Works Expansion

Space Needs Summary Office and Accessory Storage Areas

Space No.	Space Description	Existing Quantity	Existing Area	Required Current	Projected 5-10 Yr.	Projected 20 Yr.	Space Standard	Design Reqmnt.	Comments
3.1	Reception/Administrative Assistants	2	60 S.F.	2	2	2	96 S.F.	192 S.F.	
3.3	Work/Copy/Mail room	1	35 S.F.	1	1	1	120 S.F.	120 S.F.	
3.4	General Office Storage	0	0 S.F.	1	1	1	150 S.F.	150 S.F.	
3.5	Public Works Director	1	160 S.F.	1	1	1	160 S.F.	160 S.F.	
3.6	Office Manger	0	0 S.F.	0	1	1	120 S.F.	120 S.F.	
3.7	Intern/Special Projects	0	0 S.F.	0	1	1	64 S.F.	64 S.F.	
Water and Roads - Current									Existing Organization Structure
3.8	Foreman - Chris Davis	1	36 S.F.	1	1	1	120 S.F.	120 S.F.	
3.9	Lead Worker	0	0 S.F.	1	1	1	64 S.F.	64 S.F.	
3.10	Report Writing / Research Kiosk	0	0 S.F.	1	1	1	36 S.F.	36 S.F.	Currently 4 Workers
Roads - Future									
3.11	Foreman -	0	0 S.F.	0	1	1	120 S.F.	120 S.F.	
3.12	Lead Worker	0	0 S.F.	0	1	1	64 S.F.	64 S.F.	
3.13	Report Writing / Research Kiosk	0	0 S.F.	0	1	1	36 S.F.	36 S.F.	
Technology and Facilities									
3.14	Forman - Matt Kennard	1	36 S.F.	1	1	1	120 S.F.	120 S.F.	Private Office
3.15	Report Writing / Research Kiosk	1	36 S.F.	1	1	1	36 S.F.	36 S.F.	Currently 3 Workers
3.16	SCADA	1	36 S.F.	1	1	1	120 S.F.	120 S.F.	Locate in Separate Room with GIS
3.17	GIS Work Station	0	0 S.F.	0	1	1	64 S.F.	64 S.F.	Locate in Separate Room with SCADA
3.18	Work Area - Sample Storage / Counter / Refrigerator	0	0 S.F.	1	1	1	80 S.F.	80 S.F.	
3.19	Work Area - Water Meters / Counter / Meter Storage	0	0 S.F.	0	1	1	120 S.F.	120 S.F.	
3.20	Water Meter / Pipe Fitting Storage	0	0 S.F.	0	0	0	0 S.F.	0 S.F.	Refer to Bulk Material Storage
3.21	Pipe Storage	0	0 S.F.	0	0	0	0 S.F.	0 S.F.	Refer to Bulk Material Storage
Sewer and Utilities - Current									Existing Organization Structure
3.22	Forman - Rance Echols	1	36 S.F.	1	1	1	120 S.F.	120 S.F.	Private Office
3.23	Lead Worker	1	36 S.F.	1	1	1	64 S.F.	64 S.F.	
3.24	Report Writing / Research Kiosk	0	0 S.F.	1	2	2	36 S.F.	72 S.F.	Currently 5 Workers
3.25	Small Equipment Storage - Secured	0	0 S.F.	1	1	1	200 S.F.	200 S.F.	
3.26	Parts Storage	0	0 S.F.	0	0	0	0 S.F.	0 S.F.	Refer to Bulk Material Storage
3.27	Pipe Storage	0	0 S.F.	0	0	0	0 S.F.	0 S.F.	Refer to Bulk Material Storage
Utilities - Future									
3.28	Foreman -	0	0 S.F.	0	1	1	120 S.F.	120 S.F.	
3.29	Lead Worker	0	0 S.F.	0	1	1	64 S.F.	64 S.F.	
3.30	Report Writing / Research Kiosk	0	0 S.F.	0	1	1	36 S.F.	36 S.F.	
3.31	Small Equipment Storage - Secured	0	0 S.F.	0	1	1	0 S.F.	0 S.F.	Continue using 3.23
3.32	Parts Storage	0	0 S.F.	0	0	0	0 S.F.	0 S.F.	Refer to Bulk Material Storage
3.33	Pipe Storage	0	0 S.F.	0	0	0	0 S.F.	0 S.F.	Refer to Bulk Material Storage
Shop, Mechanical and Fabrication									
3.34	Forman - Derrick Anderson	1	36 S.F.	1	1	1	160 S.F.	160 S.F.	Private Office
3.35	Report Writing / Research Kiosk	0	0 S.F.	1	2	2	36 S.F.	72 S.F.	Currently 1 Mechanic
3.36	Tools Storage - Secured	0	0 S.F.	1	1	1	120 S.F.	120 S.F.	
Net Assigned Area								2814 S.F.	
Gross Area Factor								35%	985 S.F.
Area Total								3799 S.F.	



Heber Public Works Expansion

Space Needs Summary

Shop, Mechanical and Fabrication

Note - Enclosed / Climatized Bays are 24' X 46'

Space	Space	Existing	Existing	Current Required	Projected 5 - 10 Yrs	Projected 20 Yrs.	Space	Design	Comments
4.1	Maintenance Bay - With Service Pit	1	1008 S.F.	1	1	1	1104 S.F.	1104 S.F.	
4.2	Maintenance Bay	1	1008 S.F.	2	3	3	1104 S.F.	3312 S.F.	
4.3	Fluid Storage/Distribution	1	80 S.F.	0	1	1	80 S.F.	80 S.F.	
4.4	Waste Fluid Collection/Storage	1	0 S.F.	0	1	1	80 S.F.	80 S.F.	
4.5	New Tire Storage	1	100 S.F.	1	1	1	200 S.F.	200 S.F.	
4.6	Welding/Fabrication Bay	1	0 S.F.	1	1	1	1104 S.F.	1104 S.F.	24' X 46'
4.7	Parts Storage	1	100 S.F.	1	1	1	400 S.F.	400 S.F.	
4.8	Air Compressor	0	0 S.F.	1	1	1	80 S.F.	80 S.F.	Sound Isolation
4.9	Vehicle Wash Bay	0	0 S.F.	1	1	1	1440 S.F.	1440 S.F.	24' X 60'
4.10	Wash Equipment	0	0 S.F.	1	1	1	200 S.F.	200 S.F.	
Net Assigned Area								8000 S.F.	
Gross Area Factor							10%	800 S.F.	
Total Area								8800 S.F.	



Heber Public Works Expansion

Space Needs Summary Vehicles and Equipment

Note - Existing Enclosed / Climatized Bays are 24' X 46'

Space	Space	Existing	Existing Area	Current Required	Projected 5 - 10 Yrs	Projected 20 Yrs	Space	Design	Comments
5.0	Enclosed / Climatized								
5.1		9	7224 S.F.	17	22	26	1080 S.F.	28080 S.F.	Refer to Vehicle Inventory for Detailed Description
Net Assigned Area								28080 S.F.	
Gross Area Factor							10%	2808 S.F.	
Total Area								30888 S.F.	

Note - Existing Covered Parking Bays are 20'x24'

Space	Space	Existing	Existing Area	Current Required	Projected 5 - 10 Yrs	Projected 20 Yrs	Space	Design	Comments
6.0	Covered Parking / Non Climatized								
6.1	Heavy Equip./ Vehicles - 12.5'x40'			8	10	14	500 S.F.	7000 S.F.	Refer to Vehicle Inventory for Detailed Description
6.2	Light Duty Equip./ Vehicles - 12.5'x30'	10	3750 S.F.	18	22	26	375 S.F.	9750 S.F.	Refer to Vehicle Inventory for Detailed Description
Net Assigned Area								16750 S.F.	
Gross Area Factor							0%	0 S.F.	
Total Area								16750 S.F.	

Space	Space	Existing	Existing Area	Current Required	Projected 5 - 10 Yrs	Projected 20 Yrs	Space	Design	Comments
7.00	Outside Parking								
7.1	Parking Spaces - 10'x30'		S.F.	8	10	12	300 S.F.	3600 S.F.	Refer to Vehicle Inventory for Detailed Description
Net Assigned Area								3600 S.F.	
Gross Area Factor							0%	0 S.F.	
Area Total								3600 S.F.	



Heber Public Works Expansion

Space Needs Summary

Bulk Material Storage

Space	Space	Existing	Exisitng	Current Required	Projected 5 - 10 Yrs	Projected 20 Yr.	Space	Design	Comments
	Bulk Materials								
8.1	Salt Storage - Covered	1	1200 S.F	1	1	1	2400 S.F.	2400 S.F.	Current Capacity 240 Tons Design Capacity 960 Tons
8.2	Brine Mixing and Storage	0	0 S.F	0	1	1	800 S.F.	800 S.F.	
8.3	Gravel - Covered	1	400 S.F	0	1	1	500 S.F.	500 S.F.	
8.4	Sand - Covered	1	400 S.F	0	1	1	500 S.F.	500 S.F.	
8.5	Road Base - Covered	1	400 S.F	0	1	1	500 S.F.	500 S.F.	
8.6	Top Soil - Covered	1	900 S.F	0	1	1	1300 S.F.	1300 S.F.	Use relocated salt storage building. Existing area is not covered
8.7	Misc. Waste Temp. Storage Covered	0	S.F	0	1	1	500 S.F.	500 S.F.	
8.8	Wet Waste Drying - Covered	0	S.F	3	3	3	500 S.F.	1500 S.F.	
	Technology and Facilities Storage								
8.9	Water Meter/Pipe Fitting Stor. Covered	1	200 S.F	0	1	1	500 S.F.	500 S.F.	Part of vehicle storage bldg.
8.10	Pipe Storage - Covered	1	200 S.F	0	1	1	500 S.F.	500 S.F.	Part of vehicle storage bldg.
	Sewer and Utilities Storage								
8.11	Parts Storage - Covered	1	400 S.F	0	1	1	800 S.F.	800 S.F.	Part of vehicle storage bldg.
8.12	Pipe Storage - Covered	1	200 S.F	0	1	1	500 S.F.	500 S.F.	Part of vehicle storage bldg.
8.13	<i>Temporary Special Projects Storage</i>		<i>S.F</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>2000 S.F.</i>	<i>2000 S.F.</i>	<i>Open Area - Not Included in Covered Storage Total</i>
Net Assigned Area								12300 S.F.	5
Gross Area Factor							20%	2460 S.F.	Allowance for Perimeter Walls and Apron
Total Area								12760 S.F.	