Materials	Plat	Block	Street	Route	SegNo	Main	JobNo	Year	Grade	WT	MinTest	MaxTest	Footage	MaxTest	%SMYS	NewMAOP	New%SMYS	Rating	Actions	Remarks	Notes
	5027-A7	55	Union & Espee	6602-01	101	8.625	101438	1948	30000	0.172	NA	NA	802	175	14.62%	238	19.89%				D-404 Bakersfield Reg Sta, Beg of 8" East Bkd DFM
8" Valve #8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				8" Nord Plug Valve, ASA 300 WOG 600 (nameplate data)
Dry Filter	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			Pipe Wall Thickness -	Welker Dry Filter MAOP 1500 (nameplate data)
Mon Valve #45	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			[illegible]	4" Monitor Valve, Mooney, ANSI 600 SN 21632
Reg Valve #46	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			No pipe seam welded	4" Regulator Valve, Mooney, ANSI 600 SN 21633
Dry Filter	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Welker Dry Filter MAOP 1500 (nameplate data)
8" Z-021 V #19	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Zone Valve Z-021 8" Walworth Fig 1764F, ANSI 300 Flg
Unk Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Mech Operator removed?
2" BO Valve "A"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175	Replace Valve		2" Nord Blowoff (175# nameplate data obscured)
8" Valve #9 Byp	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				8" Nord Plug Valve, ASA 300 WOG 600 (nameplate data),
																					Bypass valve
2-45 Deg Els	"	"	Union & Monterey	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Inst 2-45 Deg Els routing pipe under bridge
12" Casing 29'	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Data on type of casing
2-45 Deg Els	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Inst 2-45 Deg Els routing pipe away from bridge
2" BO Flg Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175	Inspect Pipe, Det how to remove valves		Nord 2" Flg'd 175#, Fig 143, 350# Test, 12' w/o Union
2" BO Scr Valve	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	"	175			Nord 2" Scr'd 175#, Fig 142, 350# Test, 12' w/o Union
12" Casing 115'	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Data on type of casing
8" El Rt	5027-A7	34&33	Monterey	6602-01	101.3	8.625	157599	1966	35000	0.172	NA	NA	150	175	12.53%	238	17.04%				No Data as to what Degree it was cut to for new route
8" El Lt	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Data as to what Degree it was cut to for new route
8" El Rt	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Data as to what Degree it was cut to for new route
8" Line Stopper	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Data on 8" Line Stopper
	5028-A1	23&22	Monterey & Gage	6602-01	103	8.625	101438	1948	30000	0.172	NA	NA	13312	175	14.62%	238	19.89%				Lower'd 8" DFM due to 36" Sewer, GM 4990701 '92, 8",
1" Save-a-Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				0.188" wt, 12Ft across intersection of Monterey & Gage
8" PCF Bot Tap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Mueller fitting GS 16.2
8" Cap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Grade B GS B-20
4' of 8" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				0.188" Wt, API 5IX42, ERW,
8" 90 El	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Grade B GS B-20
12' of 8" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				0.188" Wt, API 5IX42, ERW,
8" 90 El	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Grade B GS B-20
4' of 8" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				0.188" Wt, API 5IX42, ERW,
8" Cap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Grade B GS B-20
8" PCF Bot Tap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Mueller fitting GS 16.2
1" Save-a-Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				GS C-14
2" BO Flg Valve	5028-A2	19	Monterey & Haley	6602-01	103	8.625	101438	1948	30000	0.172	NA	NA	13312	175	14.62%	238	19.89%	175	Inspect Pipe, Det how to remove valves	Pipe Wall Thickness -	Nord 2" Flg'd 175#, Fig 143, 350# Test 34' w/o Haley
2" BO Scr Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175		[illegible]	Nord 2" Scr'd 175#, Fig 142, 350# Test 34' w/o Haley
																				No pipe seam welded	
8" 90 El Rt	5028-A2	8	Lake & Williams	6602-01	103	8.625	101438	1948	30000	0.172	NA	NA	13312	175	14.62%	238	19.89%			Pipe Wall Thickness -	No data on elbow specs

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8" 90 El Lt	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			[illegible]	No data on elbow specs
2" BO Flg Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175	Replaced Pipe, Did not know to remove valves	No pipe seam evident	Nord 2" Flg'd 175#, Fig 143, 350# Test 26' e/o Williams
2" BO Scr Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175			Nord 2" Scr'd 175#, Fig 142, 350# Test 26' e/o Williams
*1	5028-B3	31&32	Lake & Mt. Vernon	6602-01	103	8.625	101438	1958	30000	0.172	NA	NA	13312	175	14.62%	238	19.89%			Pipe Wall Thickness -	Repl 223" 8" 0.172", Abdn 223' GM 458589 '70
8" Weld Band	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			Repair Clamp	Inst 8" Weld Band 45' w/o Wpl Mt. Vernon on Lake-No data
2-45 Deg Els	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			[illegible]	2 -45 Deg Els 45' w/o Wpl of Mt. Vernon on Lake
1 - 22.5 Deg El	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Inst 1 - 22.5 Deg El 15' e/o Wpl Mt. Vernon
2-45 Deg Els	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Inst 2-45 Deg Els intersectin of Mt. Vernon & Lake
1- 37 Deg El	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			Repair clamp has a seam. Base pipe has no seam evident	Inst 1 - 37 Deg El 16' w/o Epl Mt. Vernon
2-45 Deg Els	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Inst 2-45 Deg Els 58' e/o Epl Mt. Vernon on Lake
8"Weld Band	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Inst 8" Weld Band 58' e/o Wpl Mt. Vernon on Lake
2" BO Flg Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175	Replaced Pipe, Did not know to remove valves		*2 Nord 2" Flg'd 175#, Fig 143, 350# Test, 5' e/o Mt. Vernon
2" BO Scr Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175			*2 Nord 2" Scr'd 175#, Fig 142, 350# Test, 5' e/o Mt Vernon
	5028-B5	20&21	Lake	6602-01	104	8.625	4456885	1985	42000	0.172	525	725	1265	175	10.45%	238	14.21%				Rpl 1265' 8" 0.172", GM 4456885 '85 fr Barlow & Descanso
8" PCF Bot Tap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Mueller fitting GS 16.2
8" Cap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Grade B GS B-20
1265' of 8" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				0.188" Wt, API 5lX42, ERW, Coated
8" PCF Bot Tap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Mueller fitting GS 16.2
8" Cap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Grade B GS B-20
Materials	Plat	Block	Street	Route	SegNo	Main	JobNo	Year	Grade	WT	MinTest	MaxTest	Footage	MaxTest	%SMYS	NewMAOP	New%SMYS	Rating	Actions	Records	Notes
	5028-B6	32	Lake & Vista	6602-01	105	8.625	101438	1948	30000	0.172	NA	NA	1236	175	14.62%	238	19.89%				
2" BO Flg Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175	Replaced Pipe, Did not know to remove valves	Pipe Wall Thickness -	Nord 2" Flg'd 175#, Fig 143, 350# Test 10' e/o Vista
2" BO Scr Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175		[illegible]	Nord 2" Scr'd 175#, Fig 142, 350# Test 10' e/o Vista
																				No pipe seam evident	
	5028-B6	31&32	Lake & Oswell	6602-01	105.3	8.625	484400	1974	42000	0.188	263	263	171	175	9.56%	238	12.99%				Repl 171' 8" 0.188", GM 484400 '74 intersection
8" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				8" 0.188" Wt, API5L X42, obtained from signed STPR
8" Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				8" Nord Valve 55' e/o Oswell Epl, no record as to what type,
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				and was "Abdn in place", no maint. done on this valve.
4" PCF	5028-B6	31	Lake & Oswell	6602-01	107	8.625	101438	1948	30000	0.172	NA	NA	1299	175	14.62%	238	19.89%				4" PCF No Record found on BOM GM 483605
4" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4.5" OD. 0.237"Wt, API5L Gr B, SMLS
4" Valve Z-094	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Zone Valve, Rockwell ANSI 300, Fig 2025, supplies gas
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				to Dist Reg inst'd GM 483605 '74 (BOM in vault below)
4" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4.5" OD. 0.237"Wt, API5L Gr B, SMLS
Valve #1	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Valve-Flg'd, Rockwell, ANSI 300, Fig 2025 (in vault)
Valve #3	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Valve-Flg'd, Walworth, 41390-A Fig 2025 (in vault)

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4" Filter	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Filter, Dollinger Model GP-136-420 (in vault)
3" Mon Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				3" Mon Valve, Amer. Axial Flow Model 03-H7CS174,
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				150# Flanged (in vault)
3' Reg Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				3" Reg Valve, Amer. Axial Flow Model 03-H7CS174,
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				150# Flanged (in vault)
Valve #2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Valve-Flg'd, Grove G-5, ANSI 150, SN 710439-7,
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Fig M-155 (in vault)
Other Mat'ls	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				For Complete List of D-126 Materials, See Attach BOM
2" BO Flg Valve	5028-B6	31	Lake & Tate	6602-01	107	8.625	101438	1948	30000	0.172	NA	NA	1299	175	14.62%	238	19.89%	[illegible]	[illegible]	[illegible]	Nord 2" Flg'd 175#, Fig 143, 350# Test 9' w/o Tate
2" BO Scr Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	[illegible]		[illegible]	Nord 2" Scr'd 175#, Fig 142, 350# Test 9' w/o Tate
																				[illegible]	
	5028-B6	30	Lake & Isabell	6602-01	107	8.625	150797	1961	30000	0.172	NA	NA	1299	175	14.62%	238	19.89%			[illegible]	Inst'd add'l 194' of 8", intersct'n of Isabell going w/on Lake
	5028-B6	31	Lake & Isabell	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				Installed 11,150' of New Pipeline GM 168618 '67, 8.625"OD,
																					0.188"Wt, API 5LX X42, ERW
8" 90 El Rt	5028-B7		Lake & Pesante	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				No Data on Elbow, Block # is found on 5028-B6 Blk 29!
8" 90 El Lt	5028-B7	10	Pesante & Pioneer	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				No Data on Elbow
*3	5028-B8	8	Pioneer & Fairfax	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				Replace 15'-6", 8.625", 0.322"wt X42, WO 3-4972-B
8" Line Stopper	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
Pipe Pup	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				9" of pup, 8.625" 0.172wt - as-built Drawing 3-4972-B
8" Elbow	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
Pipe Pup	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				?Pup length, 8.625" 0.322Wt X42 ERW, Design Criteria
8" Elbow	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
15'-6" of 8" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
8" Elbow	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
Pipe Pup	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				?Pup length, 8.625" 0.322Wt X42 ERW, Design Criteria
8" Elbow	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
Pipe Pup	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				9" of pup, 8.625" ?wt - as-built Drawing 3-4972-B
8" Line Stopper	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				Data from as-built Drawing 3-4972-B
8" Weld Patch	5029-B1	2	Pioneer&Valencia	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				Leak in 8" DFM, Are Weld Patch-no size recorded, No job,
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Material Data, located 11' east of west property line
8" Weld Patch	5029-B1	2	Pioneer&Brentwood	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				3rd Party Damage, Weld 12" x 14" Patch, wt unknown No job,
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Material Data, located 9' wast of west property line
	5029-B2	1	Pioneer & Morning	6602-01	108	8.625	168618	1967	42000	0.188	1080	1200	11150	175	9.56%	238	12.99%				Install Dist Reg Station D-132 GM 168618 (in vault)

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8"x8"x4" Tee	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Material Data
4" Valve Z-093	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Zone Valve, Nord, Fig 2025, ASA 300
8" Pup 3'	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				8.625" OD, 0.188'wt, X42, ERW
8" Cap	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				No Material Data
4" Pipe	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4.5" OD 0.237"Wt, API5L Gr B, SMLS
Valve #1	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Valve, Walworth 1760F720# ANSI 300 (in vault)
Valve #3	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Valve, Walworth 1760F720# ANSI 300 (in vault)
4" Filter	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Filter, American 900# GWP (in vault)
4" Reg Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Reg Mooney Dual Port 1440# (in vault)
4" Mon Valve	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Mon Mooney Dual Port 1440# (in vault)
Valve #2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				4" Valve, Grove, G5 Flg'd 720# ANSI 300 (in vault)
Other Mat'ls	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				For Complete List of D-132 Materials, See Attach BOM
*1 GM had no	BOM	to	identify Materials																		
*2 Need to be	field	verified	to see if vavles	were	rem'd																
*3 Replaced to	clear	42"	Storm Drain	total	ftg =	23'-11"															

Material Redacted

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