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408000

O/S Form 145 (Rev. 24 Jan. 52)

Number

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CLASSIFIED ROUTING SLIP

HOLMES & NARVER, INC.  
Contract No. AT-(29-1)-20 (Job 831)

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From \_\_\_\_\_ Section \_\_\_\_\_ Date \_\_\_\_\_

BEFORE READING THIS DOCUMENT, SIGN AS INDICATED BELOW:

NAME	INFO ONLY	NECESSARY ACTION	SIGNATURE	DATE
D. NARVER, JR.			<i>[Signature]</i>	11/19/52
R. ALVY			<i>[Signature]</i>	
D. LEE NARVER			<i>[Signature]</i>	11/21/52
D. NARVER, JR.			<i>[Signature]</i>	11/22/52
REPOSITORY <u>Nevada Operations Office</u>				
COLLECTION <u>326-67A 1016</u>				
BOX No. <u>109 or 223124</u>				
FOLDER <u>Operation "Easy" -</u> <u>Project Engineer's File</u> <u>Job 831</u>				
<div style="border: 1px solid black; padding: 5px;"> <p>STATUS VERIFIED UNCLASSIFIED AND APPROVED FOR PUBLIC RELEASE</p> <p><i>Patricia M. Bodin</i> 3/23/98 Patricia M. Bodin Date</p> </div>				

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SECURITY INFORMATION

17 November 1952

BLAST DAMAGE EVALUATION -- ELMER

PERMANENT ALUMINUM BUILDINGS

- Building 301-A OK
- Building 301 Column on conc. post. No side between double door. Moved out 1/4" shearing shot bolt. Wall bowed out slightly. Center column #1 pulled up slightly spalling conc. at top of conc. column. #2, #3, #4, #5, #6 (column turn), #7, #8, #11 (count from east end). Drill and cinch anchor for column hold down. Shutter and several side panels torn loose.
- Building 302 Shutter behind toilet bulged out.
- Building 303 OK
- Building 165 OK
- Building 410 OK
- Building 162 OK
- Building 300 2 lower shutters sprung out.
- Building 229 OK
- Building 100 Partition posts pulled up by room #7, #8, #9.
- Building 101 Partition posts at toilet and shower pulled loose, Room #6, #8, #9.
- Building 102 Partition posts at toilet and shower room pulled loose, room #6, #8, #9. Outer wall of room #6 and #8 pulled loose, out and up.
- Building 103 Partition posts at toilet and shower room.
- Building 104 Partition posts at Room #6, #8, #9, lower panel torn loose at shower.
- Building 105 Partition posts at Room #4, #7, #8, #9. One lower shutter torn loose in shower room.
- Building 106 Partition posts loose and up room #3, #9, #6 lavatory, lower shutter loose in toilet.
- Building 107 Partition posts pulled up at lavatory and shower rooms and rooms #6, #8, #9.
- Building 108 Partition posts room #8, lower panel off at shower.

*Handwritten notes:*  
 C. C. L. O. S. Class Guide Hardback  
 J. A. Ashwell

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**UNCLASSIFIED**PERMANENT ALUMINUM BUILDINGS

Building 109	Lower panel in shower sprung. Partition posts up room #8 and #9.
Building 110	Lower shutter in shower torn loose.
Building 216	1 lower shutter sprung.
Building 111	OK
Building 112	OK
Building 113	1 lower shutter sprung in washroom.
Building 114	OK
Building 117	OK
Building 118	OK
Building 119	OK
Building 120	OK
Building 121	Partition post up at room #8.
Building 122	OK, east end door post to be plumbed.
Building 123	OK
Building 124	OK
(JTF Sec. Bldg. - Loose gable panel east end of building.)	
Building 125	Partion post up room #8.
Building 126	OK
Building 127	OK
Building 128	OK
Building 129	Partion post loose room #8 and toilet.
Building 130	OK
Building 222	OK
Building 221	Sound proof fiber boards loose and 3 pieces out in conference room.
Building 212-A	OK
Building 212-B	OK
Building 212-C	Entrance way cover - settled (underground).
Building 211	N.W. door panel sprung.

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BLAST DAMAGE EVALUATION -- -- ELMER

PERMANENT ALUMINUM BUILDINGS

Building 231 OK

Building 232 Wooden partition at door jamb sprung.

Building 194 End bracing to roof sprung and bent.

Building 210 West end wood partition and door sprung.

Building 209 Partition post, room A-9, A-3.

Building 208 OK

Building 237 2 lower shutters sprung.

Building 409 Wood partition shifted 8" and at top.

Building 311 OK (Note - 2 damaged columns on north side left from some previous test, as glass window adjacent to columns not broken).

Building 205 OK

Building 206 Partition posts loose and up room #4.

Building 309 OK

Building 308 OK

Building 220 Water tower OK

Building 200 Theatre OK

Building 201 South west corner of south wing up 1" and shifted position so it don't go down. Lower shutter sprung south-east corner wing. North west corner of galley up and loose 6" each way

Building 202 North end and east wall of bakery up and loose.

Building 230 OK

Building 217 Center of West wall (60') up 1/8", 4 columns bolts shearch south-east corner up and loose. Butcher shop, seal on north partion. ~~XXXXXXXXXX~~

Building 238 Horz. Crack top of north-east corner vertical crack top south-west corner.

Building 204 PX, entrance door jamb warped and lower shutter panel sprung.

Building 318 South door buckled. North end wall bracing plywood side of wooden partition shifted and broke vapor seal.

Building 317 OK

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PERMANENT ALUMINUM BUILDINGS

- Building 316 2 lower shutters east wall sprung. East wall lower frame loose, needs reshooting. Lower shutter sprung south wall. North-west corner loose.
- Building 315 Lower shutter sprung on east and south wall. North-west corner up and loose.
- Building 314 OK
- Building 313 Partition sprung between office and dry stores warehouse and sheet metal partitions between columns blown out.
- Building 406 OK
- Building 322 Shutter sprung on north side and east side.
- Building 360 OK
- Building 420 North-west corner bulged in. West wall bulged in, sheets loose and open.
- Building 227 End braces torn loose at west end. Lower shutter sprung south wall.
- Building 228 1 end brace torn loose at west end.
- Building 233 OK
- Building 234 OK
- Building 235 OK
- Building 236 OK
- Building 164 OK
- Building 323 Partition buckled 3" in south wall of dehumid. machinery room. Vapor seal damaged.
- Building 190 OK
- Building 340 A thru H incl., "D" has 2 broken panels of glass.
- Building 341 OK - 1 broken pane.
- Building 349 Water Tower - OK
- Building 345-A 4 units shifted  $\frac{1}{4}$ " -  $\frac{1}{2}$ "
- Building 345-B 1 unit shifted  $\frac{1}{4}$ "
- Building 344 Plywood partition bulged, top plate (2"x10") on east  $\frac{1}{4}$ " badly broken, of south wall of compressor room. North metal wall bulged in.

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BLIND DAMAGE EVALUATION - - ELMER

PERMANENT ALUMINUM BUILDINGS

- Building 330 West canopy roof sheet torn loose. North wall of north addition sheeting loose. North wall sheeting bulged. Wood cross partition bulged 1 1/2".
- Building 333 Air filters bulged in.
- Building 329 Door bulged in and braces loose north end, vapor seal shot.
- Building 331 OK
- Building 332 Guard post - OK
- Building 203 Boiler - OK
- Building 150 Garbage - OK
- Building 254 Can - OK
- Building 151 OK
- Building 152 OK
- Building 324 OK
- Building 334 OK
- Building 335 Ok
- Building 336 OK
- Building 347 OK
- Building 338 Metal siding loose on east wall. Metal siding bulged in on north wall. Metal siding bulged in on south wall. Metal siding bulged in on west wall over 1 can to shed.
- Building 251 OK
- Building 252 OK
- Building 342 Vapor seal broken. North wall column bulged in slightly.
- Building 186 Sawmill - OK. ~~XXXXXXXXXXXXXXXXXXXX~~

NOTE: all permanent buildings need new mastic seal at bottom edge.

BLAST DAMAGE EVALUATION -- ELMER

TEMPORARY BUILDINGS - SEET LORAL

- Building 181 Rigging loft - General deterioration. No blast damage. - Beyond repair.
- Building 182 General Stores. No blast damage, condition fair. Serviceable.
- Building 321 East 1/3 - Rotten - N.G. (Sheeting on south torn loose by blast.)  
Center 1/3 - Very - very poor - N.G.  
West 1/3 - Fair - barely serviceable.
- Building 320 East 1/3 - Poor - N.G.  
Center - 1/3 - Fair - needs sheeting.  
West 1/3 - Good - Needs sheeting.
- Building 319 East 1/3 - Poor - N.G. - East end sheeting torn by blast.  
Center 1/3 - Poor - N.G.  
West 1/3 - Fair - Needs sheeting.
- Building 185 OK - good condition.
- Building 184 West wall (North  $\frac{1}{2}$ ) moved out on footing 1 $\frac{1}{2}$ '  
West wall (South  $\frac{1}{2}$ ) moved in on footing.  
East Wall (North  $\frac{1}{2}$ ) moved out off footing 1'.  
East wall (South  $\frac{1}{2}$ ) moved out on footing.  
75% of arch ribs are distroted from fair to bad. (6' up North side - 14' up South side). North siding bulged in, in several places. General appearance of sheeting poor. Badly rusted and holed. Overall rating - poor - unfit for service.
- Building 178 OK - No blast damage. Condition fair, serviceable.
- Building 177 East wall shifted out. Condition fair, serviceable.
- Building 176 Fair - serviceable. Need sheeting. No blast damage.
- Building 179 Same as 176
- Building 180 Same as 176
- Blg. ~~XXXXXXXXXX~~ 175 Same as 176
- Building 183 East 1/3 - Bad. Center 1/3 - Fair. West 1/3 - Bad. East sheeting blown loose. Overall rating - poor, not serviceable.
- Building 174 Fair - Needs sheeting, no blast damage.
- Building 169 Plywood came off partition. Fair, needs sheeting.
- Building 408 No damage

BLAST DAMAGE EVALUATION - - ELMER

TEMPORARY BUILDINGS - SHEET METAL

- Building 170 Condition fair - serviceable.
- Bldg. ~~XXXXXXXXXX~~ 168 Condition fair - serviceable.
- Building 191 Fair - Serviceable.
- Building 405 Fair plus - serviceable, needs sheeting.
- Building 404 Condition poor - east side ribs 80 - 85% gone. Condition unsafe. Needs sheeting.
- Building 155 Acid House - OK
- Building 403 East end, north side lower sheeting blown in, badly rusted. South side bldg., west of center ribs rusted thru and blown out, off foundation. 75% of ribs south side rusted out. Poor but is serviceable.
- Building 163 OK - No damage.
- Building 401 50% of ribs on south side distorted 6' - 14'. Sheeting blown off, a 5 rib area in center of south side. East end louver and sheets blown out at top and bottom. Fair - minus - serviceable. Needs sheeting.
- Building 400 North and south side approx. center rib still blown out, off foundation. Fair. Serviceable, needs sheeting. East end sheeting blown loose. Bottom of column steel rusted off. Needs new end to bldg.
- Building 171 No apparent blast damage - OK, condition good.
- Building 172 Interior sheeting loosened by blast. Condition fair. Serviceable. Needs sheeting.
- Building 173 East end sheeting blown in. North side for 40' from east end ribs and sheeting blown in 1'. South side same but went out 1'. Condition ~~XXXXXXXXXX~~ poor, not serviceable. Part bins are supporting east end of building.
- Building 198 No blast damage - Fair, serviceable.
- Building 199 OK - No blast damage.
- Building 188 OK - No blast damage.
- Building 258 OK - No blast damage.
- Building 257 OK - No blast damage.
- Building 256 OK - No blast damage.