WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 82055
Permit No.
Basin 212

NOTICE OF INTENT NO. 21642

1. OWNER Republic Dumpco Inc.
MAILING ADDRESS 7900 E. Vegas Valley
Las Vegas, NV
ADDRESS AT WELL LOCATION Sunrise Landfill

2. LOCATION NW 1/4 NE 1/4 Sec. 12 T. 21 N/S R. 62 E. CLARK County
PERMIT NO. — (Issued by Water Resources) 161-12-002 (Parcel No.) — (Subdivision Name)

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☐ Other

6. MW-6C LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
pink poorly graded sand w/gravel & silt		0	4	4
pink silty sand w/gravel		4	18	14
pink silty sand		18	26	8
grey poorly graded gravel		26	27	1
pink silty sand w/gravel		27	40	13
pink silty gravel w/sand		40	42 1/2	2 1/2
pink sandy silt w/gravel		42 1/2	44	1 1/2
silty sand w/gravel		44	68	24
ltred-pink silty gravel		68	70	2
pink silty sand w/gravel		70	78	8
poorly graded gravel w/silt		78	84	6
pink-red silty sand w/gravel		84	87	3
red clay		87	87 1/2	1/2
pink silty sand w/gravel		87 1/2	130	42 1/2
pink clayey gravel w/sand		130	136	6
pink silty gravel w/sand		136	142	6
red yellow silty sand w/gravel		142	146	4
grey-red gravel		146	147	1
brn silty sand w/gravel		147	150	3
pink, grey silty clay w/gravel		150	168	18
silty gravel w/sand		168	220	52
red yellow clay silty sand/gravel		220	240	20
brown clay silty gravel	wet	240	255	15
red yellow clay gravel		255	259	4
lt red brown clay silty gravel		259	276	17
pale brown silty sand w/gravel		276	310	34
silty sand w/gravel		310	335	25
brown poorly graded gravel w/sand & silt		335	362	27

Date started 11-28, 19 2000
Date completed 1/31/01, 19 2001

7. WELL TEST DATA
TEST METHOD: ☒ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
30		1

FEB 2 2001

8. WELL CONSTRUCTION
Depth Drilled 431 Feet Depth Cased 431 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
14 Inches		0 Feet	227 Feet
10 Inches		227 Feet	431 Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10		.250	0	227
4"	Sch	80 PVC	+2	406

Perforations:
Type perforation stainless steel wire wrap
Size perforation .010
From 406 feet to 431 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Depth of Seal 0-20
Placement Method: ☒ Pumped ☐ Poured
20-398 bent. grout
bent pellets 398 to 406
Gravel Packed: ☒ Yes ☐ No
From 406 feet to 431 feet

9. WATER LEVEL
Static water level 208.8 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Layne Christensen Co (Contractor)
Address 9001B Pacific Ave (Contractor)
Tacoma, WA 98444
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1628
Signed (By driller performing actual drilling on site or contractor)
Date 02/01/01

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

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Log No. 82055
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Basin

NOTICE OF INTENT NO.

1. OWNER
MAILING ADDRESS
ADDRESS AT WELL LOCATION

2. LOCATION ¼ ¼ Sec. T N/S R E County
PERMIT NO. Issued by Water Resources | Parcel No. | Subdivision Name

3. WORK PERFORMED
☐ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☐ Other

6. MW-6C LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
yellow brown gravel w/clay		362	363	1
yellow brown silty sand w/gravel		363	399	36
yellow brown silty clayey sand		399	403	4
yellow brown gravel w/ silty clay and sand		403	404	1
yellow brown silty clayey sand w/gravel		404	410	6
yellow brown gravel w/silt & sand		410	420	10
lt brn gravel w/sand		420	428	8
red brown clay sand w/gravel		428	430	2
red brown clayey sand calcareous cement		430	431	1

Date started, 19
Date completed, 19

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type perforation
Size perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☐ No
From feet to feet

9. WATER LEVEL
Static water level feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Contractor
Address Contractor
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller
Signed By driller performing actual drilling on site or contractor
Date

(Rev. 3-91)

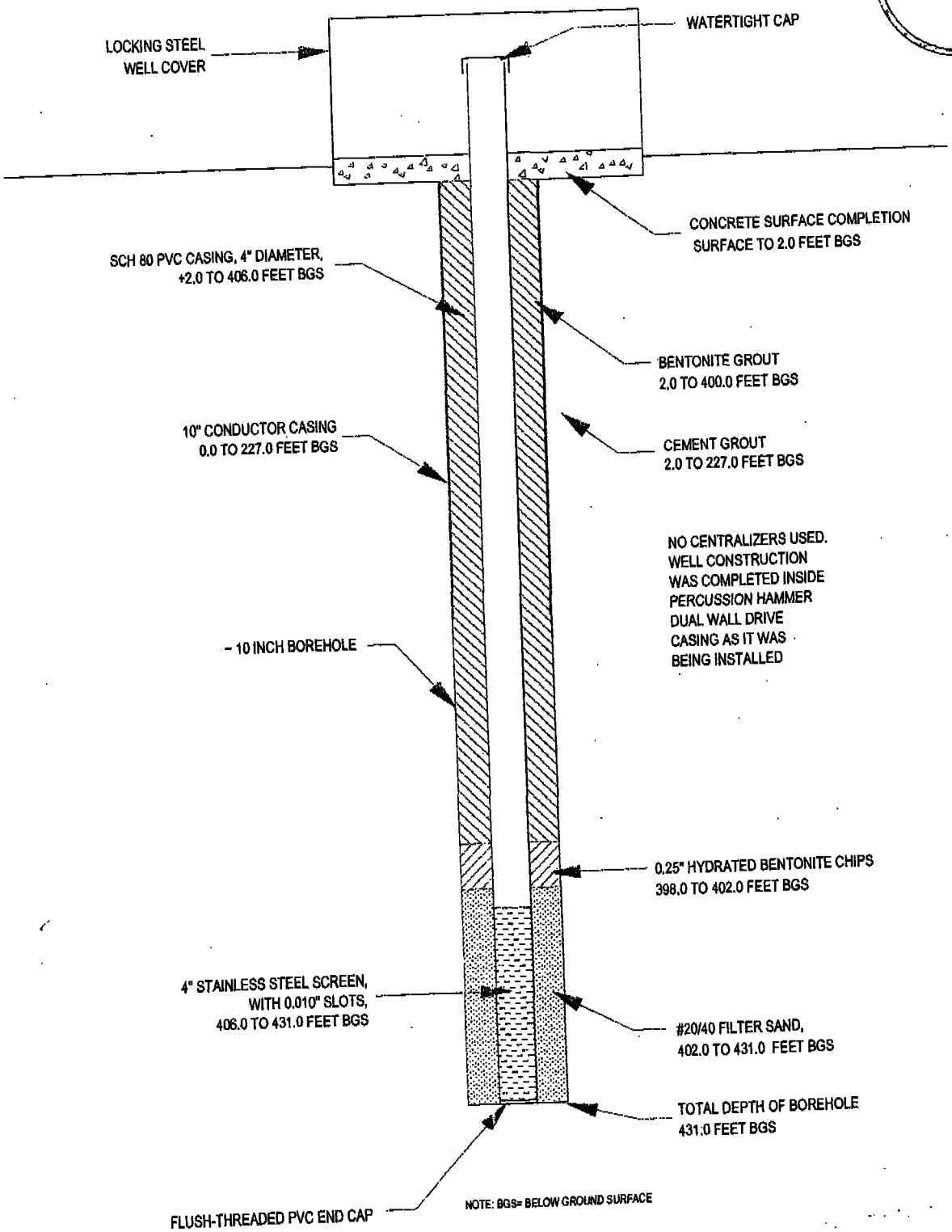
USE ADDITIONAL SHEETS IF NECESSARY

(O)-627

PAGE 2 OF 2

Log 82055

MW-6C AS BUILT



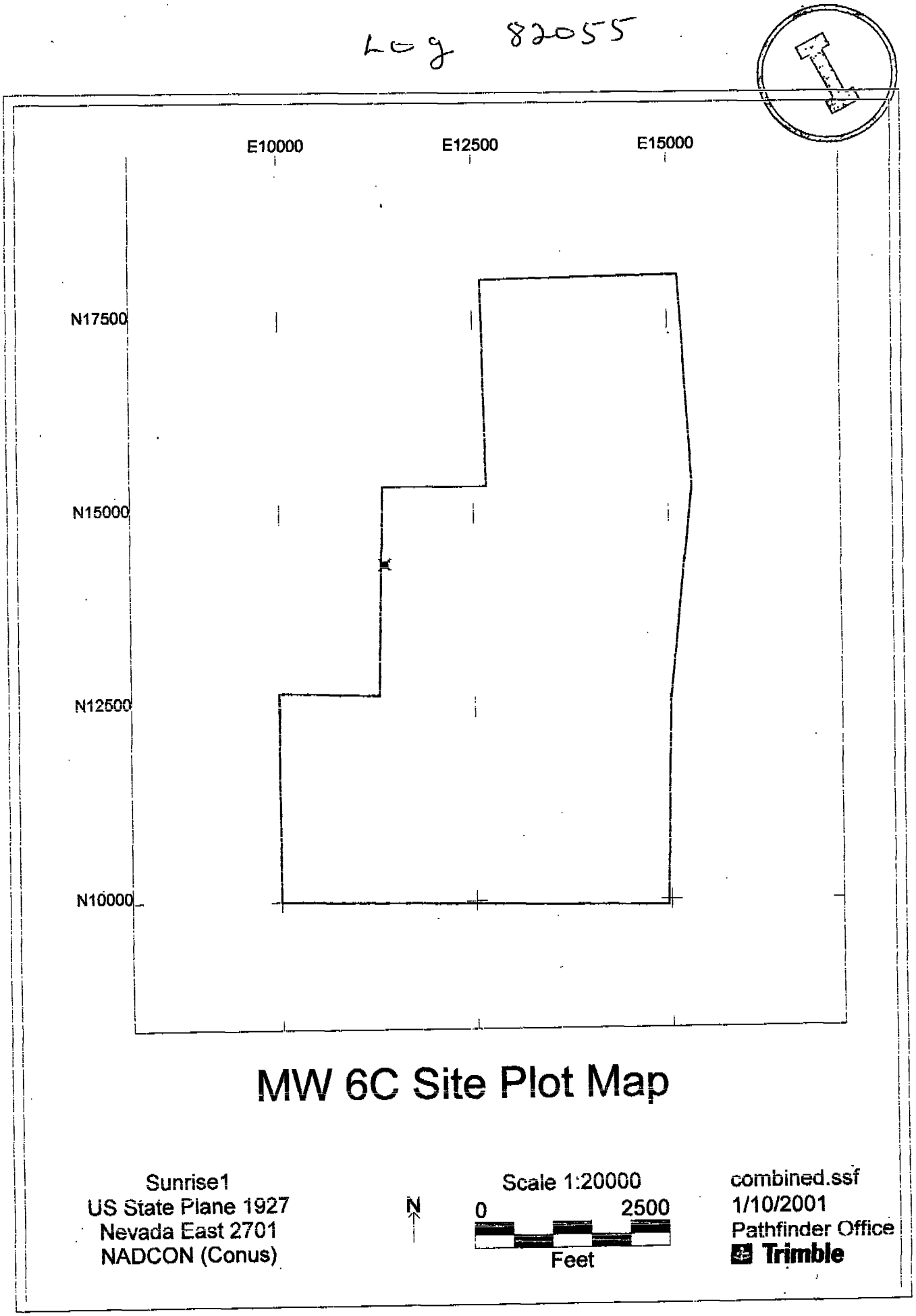
GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.
(702) 365-1001
7560 W. Sahara Ave., Suite 101
Las Vegas, NV 89117

MW-6C WELL CONSTRUCTION DIAGRAM

JOB NO. 98744D1

FIG. 1

Log 82055


E10000
E12500
E15000
N17500
N15000
N12500
N10000
MW 6C Site Plot Map
Sunrise1
US State Plane 1927
Nevada East 2701
NADCON (Conus)
N
Scale 1:20000
0
2500
Feet
combined.ssf
1/10/2001
Pathfinder Office
Trimble