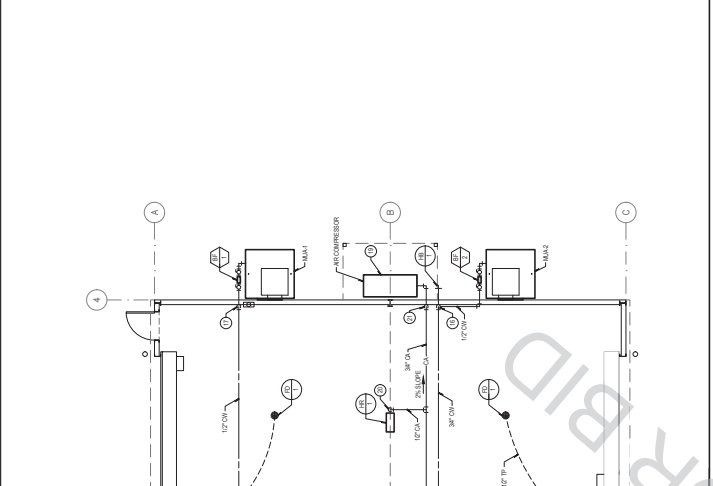


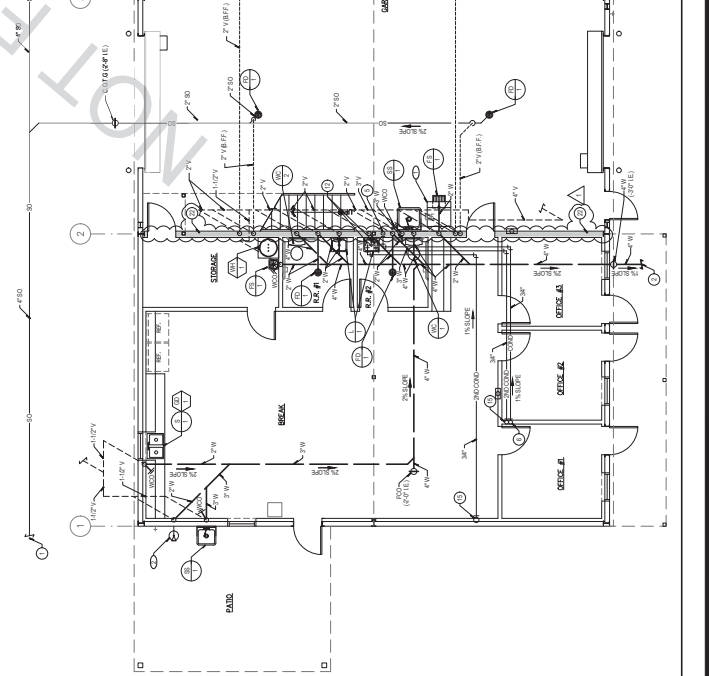
GENERAL NOTES

1. FOR ALL TYPES OF WALLS & PARTITIONS SEE CONSTRUCTION NOTES.
2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROPRIATE CODES.
3. ROUTE HOT WATER LOOPS AS CLOSE AS POSSIBLE TO ALL FIXTURES.
4. SEE FLOOR SCHEDULE FOR SIZES OF ALL PIPING AND FITTINGS.
5. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROPRIATE CODES.
6. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH FLOORS.
7. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH WALLS.
8. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH CEILING.
9. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH ROOF.
10. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALLS.
11. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
12. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.
13. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALL.
14. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
15. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.
16. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALL.
17. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
18. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.
19. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALL.
20. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
21. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.
22. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALL.
23. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
24. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.
25. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALL.
26. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
27. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.
28. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR WALL.
29. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR ROOF.
30. PROVIDE PROPER PROTECTION FOR ALL PIPING THROUGH EXTERIOR FLOOR.



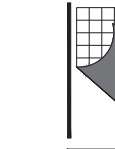
PLUMBING GROUND LEVEL - DOMESTIC HOT & COLD WATER

SCALE: 3/8" = 1'-0" 1



PLUMBING GROUND LEVEL - DOMESTIC WASTE & VENT

SCALE: 3/8" = 1'-0" 2



DESIGN WEST ENGINEERING
INCORPORATED
10000 BAYVIEW BLVD, SUITE 100
SAN FRANCISCO, CA 94134
TEL: 415.774.8888
WWW.DESIGNWESTENGINEERING.COM

PROJECT ADMINISTERED BY
SAN BERNARDINO COUNTY
PROJECT AND FACILITIES
MANAGEMENT DEPARTMENT -
PROJECT MANAGEMENT
DIVISION

365 N. ARROYAVIEW AVE
SAN BERNARDINO, CA 92405

PROJECT NAME:
SAN BERNARDINO COUNTY
RANCH AND YARD
CONSTRUCTION

PROJECT # 10.10.133
OP # 22-042
CAF# # E1005
APN: 1089031300000

12108 BASE LINE ROAD
RANCHO BERNONDA,
CA 91739

ISSUE INFORMATION:
DATE: 04-29-21
INFORMATION: 1st Floor Check

SHEET INFORMATION:
STK PROJECT NO: 374-134-20
AS NOTED
SCALE: NOVEMBER 2022
DRAWING NAME:
SCALE:

SHEET TITLE:
PLUMBING
GROUND LEVEL

SHEET NO.:
P1.1

GENERAL NOTES

1. PROVIDE TYPES, SIZES & AMOUNTS AS SHOWN IN LEGEND SHEET.
2. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
3. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
4. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
5. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
6. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
7. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
8. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.
9. ALL WELDS SHALL BE TO SCHEDULE 40S UNLESS OTHERWISE NOTED.

FOR CONNECTION TO STRUCTURE SEE [Symbol]

FOR PIPE SUPPORT SEE [Symbol]

FOR PIPE SUPPORT LOCATIONS SEE [Symbol]

FOR CONDUIT RUN SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

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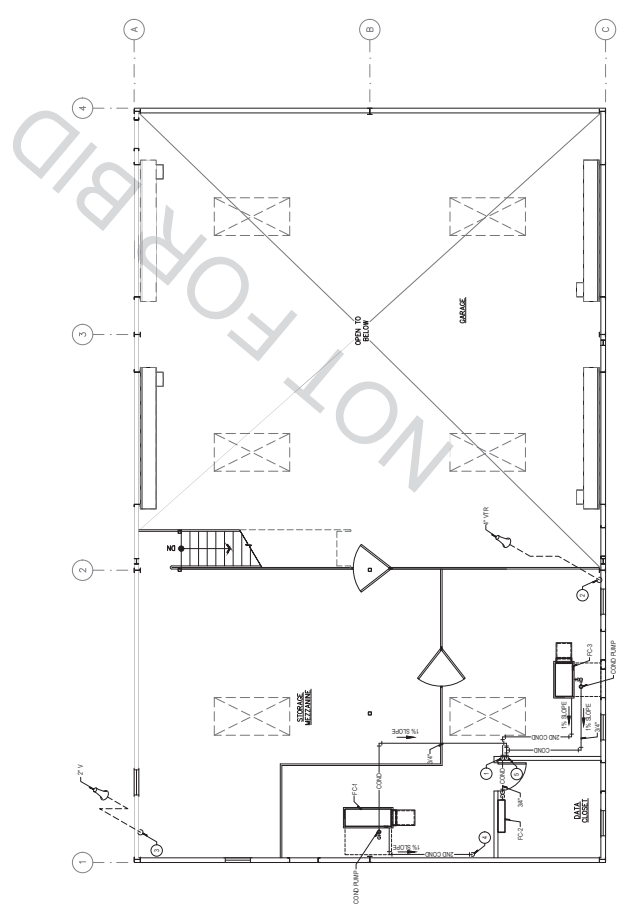
FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

FOR WIRE TRAYS SEE [Symbol]

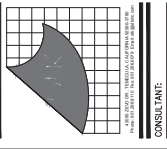
FOR WIRE TRAYS SEE [Symbol]



SCALE: 3/8" = 1'-0"

PLUMBING MEZZANINE LEVEL

1



DESIGN WEST ENGINEERING
 12158 BASE LINE ROAD
 RANCHO BUREN, CA 91729

PROJECT ADMINISTERED BY:
 SAN BERNARDINO COUNTY
 PROJECT AND FACILITIES
 MANAGEMENT DEPARTMENT -
 PROJECT MANAGEMENT
 DIVISION

385 N. JEFFERSON AVE.
 SAN BERNARDINO, CA 92415

PROJECT NAME:
 SAN BERNARDINO COUNTY
 RANCHO BUREN
 NEW YARD
 CONSTRUCTION

PROJECT #: 10.10.133
OP #: 22-042
CAF#: E10005
APN: 1089031390000
APN: 1089031300000

12158 BASE LINE ROAD
 RANCHO BUREN,
 CA 91729

DATE:	DESCRIPTION:
04-29-21	1st Floor Check

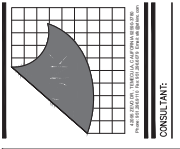
SHEET INFORMATION:
 STR. PROJECT NO.: 374-134-20
 SCALE: AS NOTED
 PLOT DATE: NOVEMBER 2022
 DRAWING NAME:
 SEAL:

SHEET TITLE:
 PLUMBING
 GROUND &
 MEZZANINE
 LEVELS

SHEET NO.:

P1.2

2022



PROJECT MANAGED BY:
SAN BERNARDINO COUNTY
PROJECT AND FACILITIES
MANAGEMENT DEPARTMENT -
DIVISION

PROJECT NAME:
SAN BERNARDINO COUNTY
RANGING OFFICE
NEW YARD
CONSTRUCTION

PROJECT # 10.10.133
OP # 22-042
CAF# # E1005
APN: 1089031390000,
1089031300000

12458 BASE LINE ROAD
RANGING OFFICE,
SAN BERNARDINO,
CA 91739

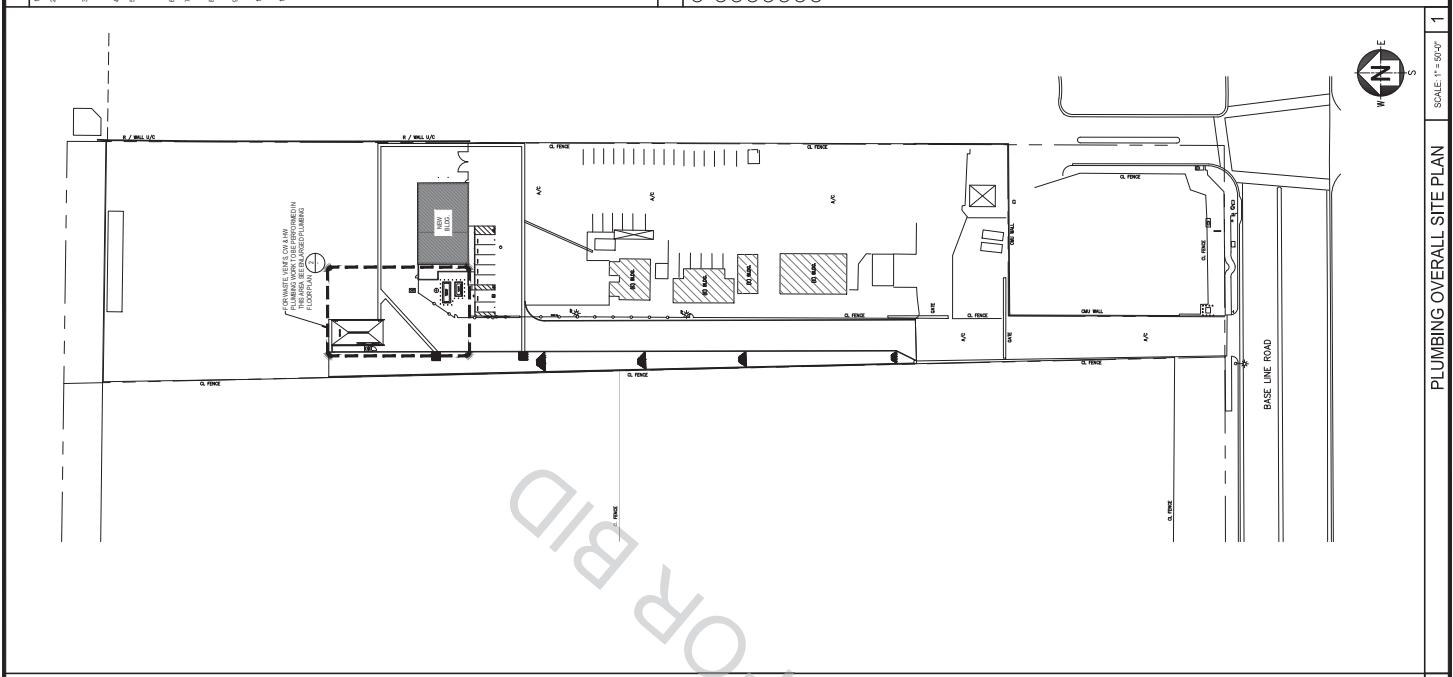
Table with 2 columns: Issue Information, Information. Includes dates and sheet number.

SHEET TITLE:
PLUMBING
OVERALL &
ENLARGED SITE
PLAN
SHEET NO.:
P1.3

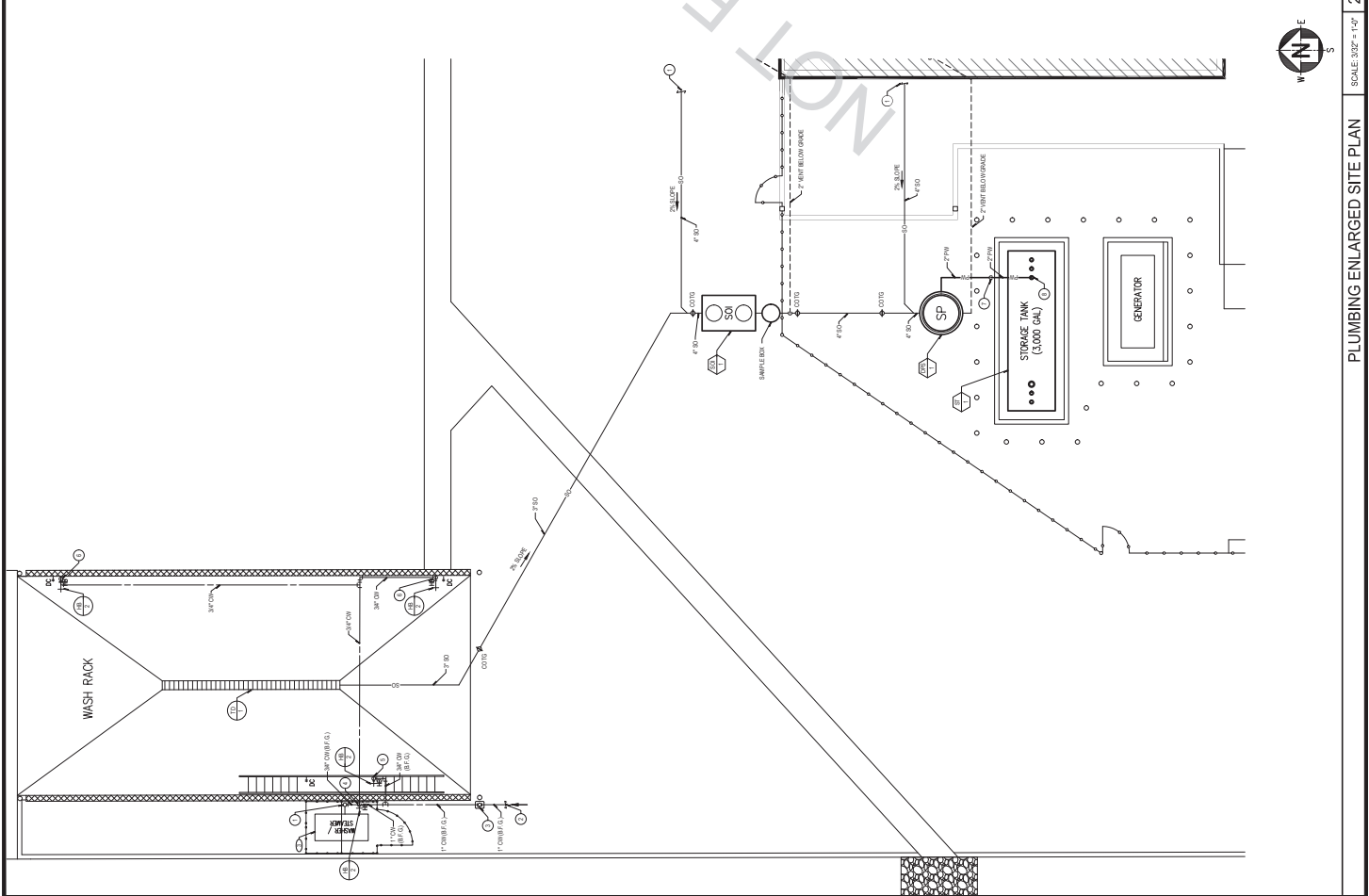
- GENERAL NOTES
1. FOR ALL TYPES, UNLESS OTHERWISE INDICATED...
2. ALL VENTILATION SHALL BE...
3. MINOR...
4. CONDUIT...
5. SPLIT OFF VALVES...
6. ALL WELLS...
7. ALL...
8. FOR CONNECTION TO STRUCTURE...
9. FOR THE SUPPORT...
10. FOR THE SUPPORT...
11. FOR THE SUPPORT...
12. FOR THE SUPPORT...

- CONSTRUCTION NOTES
1. ALL...
2. ALL...
3. ALL...
4. ALL...
5. ALL...
6. ALL...
7. ALL...
8. ALL...
9. ALL...
10. ALL...
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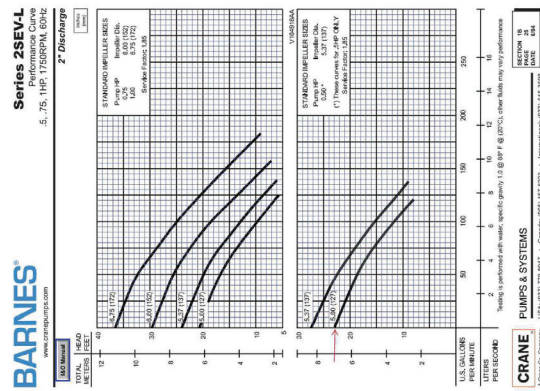
REVIEWED FOR CODE COMPLIANCE
San Bernardino County
PLUMBING DIVISION
DATE: 10/20/2017
BY: [Signature]



PLUMBING OVERALL SITE PLAN SCALE: 1" = 50'-0" 1



PLUMBING ENLARGED SITE PLAN SCALE: 3/32" = 1'-0" 2



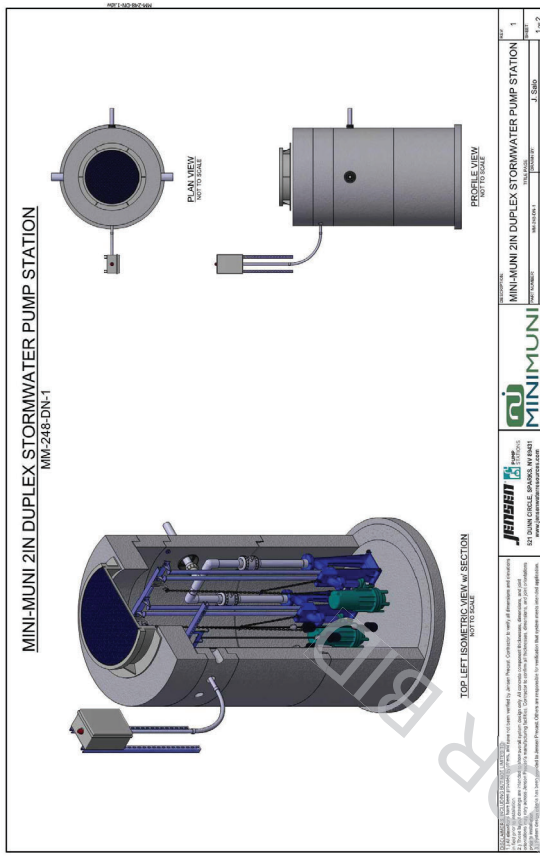
Series 2SEVL
2" Spherical Solids Handling
Vortex, Single Seal

CRANE PUMPS & SYSTEMS
U.S.A. (877) 778-8847 • Canada: (855) 457-8223 • International: (877) 615-5098

DESCRIPTION:
SUBMERSIBLE, NON-CLOSURE PUMP APPLICATIONS: TYPICAL, LOW HEAD

Series: 2SEVL 0.5, 0.75, 1.0HP, 1750 & 3450RPM, 60Hz

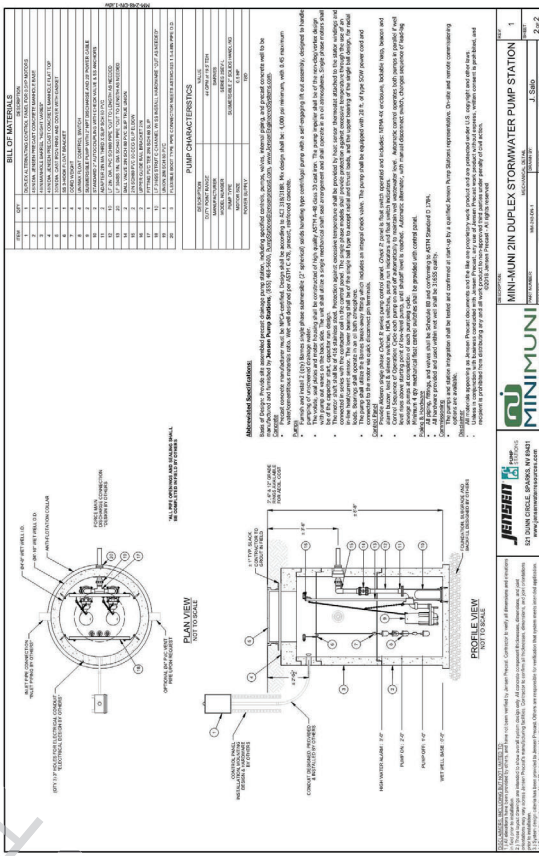
RECOMMENDED:
Accessories: Check Valve
Service Kit (PKT) 150207



Series 2SEVL
2" Spherical Solids Handling
Vortex, Single Seal

CRANE PUMPS & SYSTEMS
U.S.A. (877) 778-8847 • Canada: (855) 457-8223 • International: (877) 615-5098

IMPORTANT:
1. The pump should be installed in a location that is accessible for maintenance. 2. The pump should be installed in a location that is protected from freezing temperatures. 3. The pump should be installed in a location that is protected from direct sunlight. 4. The pump should be installed in a location that is protected from debris. 5. The pump should be installed in a location that is protected from rodents. 6. The pump should be installed in a location that is protected from birds. 7. The pump should be installed in a location that is protected from insects. 8. The pump should be installed in a location that is protected from mold. 9. The pump should be installed in a location that is protected from mildew. 10. The pump should be installed in a location that is protected from bacteria. 11. The pump should be installed in a location that is protected from viruses. 12. The pump should be installed in a location that is protected from fungi. 13. The pump should be installed in a location that is protected from parasites. 14. The pump should be installed in a location that is protected from allergens. 15. The pump should be installed in a location that is protected from irritants. 16. The pump should be installed in a location that is protected from toxins. 17. The pump should be installed in a location that is protected from carcinogens. 18. The pump should be installed in a location that is protected from mutagens. 19. The pump should be installed in a location that is protected from teratogens. 20. The pump should be installed in a location that is protected from reproductive toxins. 21. The pump should be installed in a location that is protected from developmental toxins. 22. The pump should be installed in a location that is protected from neurotoxins. 23. The pump should be installed in a location that is protected from immunotoxicants. 24. The pump should be installed in a location that is protected from endocrine disruptors. 25. The pump should be installed in a location that is protected from carcinogenic agents. 26. The pump should be installed in a location that is protected from mutagenic agents. 27. The pump should be installed in a location that is protected from teratogenic agents. 28. The pump should be installed in a location that is protected from reproductive toxicants. 29. The pump should be installed in a location that is protected from developmental toxicants. 30. The pump should be installed in a location that is protected from neurotoxicants. 31. The pump should be installed in a location that is protected from immunotoxicants. 32. The pump should be installed in a location that is protected from endocrine disruptors. 33. The pump should be installed in a location that is protected from carcinogenic agents. 34. The pump should be installed in a location that is protected from mutagenic agents. 35. The pump should be installed in a location that is protected from teratogenic agents. 36. The pump should be installed in a location that is protected from reproductive toxicants. 37. The pump should be installed in a location that is protected from developmental toxicants. 38. The pump should be installed in a location that is protected from neurotoxicants. 39. The pump should be installed in a location that is protected from immunotoxicants. 40. The pump should be installed in a location that is protected from endocrine disruptors.



CONSULTANT:

DESIGN WEST ENGINEERING
10000 160th Ave. S.E.
Burien, WA 98148
Phone: (206) 835-9300
Fax: (206) 835-9301
www.designwest.com



PROJECT MANAGER:
SAN BERNARDINO COUNTY
PROJECT AND FACILITIES
MANAGEMENT DEPARTMENT -
PROJECT MANAGEMENT
DIVISION

SAN N. ARONOWSKI, AVE.
SAN BERNARDINO, CA 92405

PROJECT NAME:
SAN BERNARDINO COUNTY
RANCH AND CONDOMINIUM
NEWLY VARIOUS
CONSTRUCTION

PROJECT #: 10.10.133
OP #: 22-042
CAF #: 07005
APN: 108903130000
DATE: 10/20/2022

12458 BASE LINE ROAD
RANCHO BURNING
SAN BERNARDINO, CA 91729

ISSUE INFORMATION:

DATE	DESCRIPTION
04-29-21	1st Plan Check

SHEET INFORMATION:
STK PROJECT NO.: 374-134-20
AS NOTED
SCALE: NOVEMBER 2022
PLOT DATE: NOVEMBER 2022
DRAWING NAME:
SCALE:

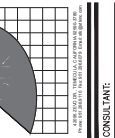
SHEET TITLE:
DUPLIX PUMP
STATION & PUMP
CUTSHEETS

SHEET NO.:
P2.2

DUPLIX PUMP STATION & PUMP CUTSHEETS 1

REVIEWED FOR CODE COMPLIANCE:
BURBANK NORTH AMERICA, INC.
DATE: 10/23/2022

MECHANICAL ENERGY COMPLIANCE DOCUMENTS



CONSULTANT:
PROJECT: SAN BERNARDINO COUNTY
MANAGEMENT AND FACILITIES
PROJECT MANAGEMENT DIVISION

365 N. ARROYO AVENUE
SAN BERNARDINO, CA 92405
SAN BERNARDINO COUNTY
RANCH MEYER YARD
CONSTRUCTION

PROJECT # 10.10.133
OP # 23-042
CAF# # E1005
APN: 1089031300000

12458 BASE LINE ROAD
RANCHO BURNING,
CA 91729

ISSUE INFORMATION:
DATE: 04-29-21
INFORMATION: 1st Floor Check

SHEET INFORMATION:
STR PROJECT NO: 374-134-20
SCALE: AS NOTED
PLOT DATE: NOVEMBER 2022
DRAWING NAME:
SCALE:

SHEET TITLE:
MECHANICAL ENERGY COMPLIANCE DOCUMENTS

SHEET NO.: M0.3

DATE: 11/24/2022

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for SYSTEMS AND INDOOR AIR QUALITY.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for MECHANICAL SYSTEMS and MECHANICAL SYSTEMS.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for SYSTEMS AND INDOOR AIR QUALITY.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for MECHANICAL SYSTEMS and MECHANICAL SYSTEMS.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for SYSTEMS AND INDOOR AIR QUALITY.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for MECHANICAL SYSTEMS and MECHANICAL SYSTEMS.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for SYSTEMS AND INDOOR AIR QUALITY.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

MECHANICAL SYSTEMS
REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

Table with columns: System Name, Description, Compliance Status, etc. Includes sections for MECHANICAL SYSTEMS and MECHANICAL SYSTEMS.

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

REVIEWED FOR CODE COMPLIANCE
REVISIONS:
DATE: 11/24/2022

DATE: 11/24/2022

REGISTRATION NUMBER:
REPORT GENERATED: 2020-05-10 09:58:38

