

1 PLUMBING PLAN
P-101 1/8" = 1'-0"

- GENERAL NOTES:**
- EXISTING BACKFLOW PREVENTED WATER (NPW) PIPING PROVIDING SUPPLY WATER TO ALL HOSE REELS IN THE OUTDOOR CHEMICAL STORAGE AREAS TO STAY. REPLACE THE HEAT TRACING AND APPURTENANCES, INSULATION AND JACKETING ON ALL THESE NPW LINES WITH NEW. THE INSULATION SHALL BE OF PREFORMED FIBERGLASS AND JACKETING SHALL BE OF HEAVY GAUGE ALUMINUM CONSTRUCTION.
 - CHECK THE CONDITION OF EACH SECTION OF EXISTING NPW PIPING AND CORRESPONDING PIPE SUPPORTS. REPAIR/REPLACE THE PIPE SECTIONS AND PIPE SUPPORTS AS NEEDED.
 - CHECK THE CONDITION OF EACH HOSE REEL AND REPAIR/REPLACE AS NEEDED.
 - REPLACE TWO EXISTING EMERGENCY SHOWER/EYE WASH STATIONS LOCATED IN SODIUM HYPOCHLORITE STORAGE AREA WITH NEW FREEZE-PROTECTED TYPE FIXTURE, SPEAKMAN MODEL SE-7001 W/TOP SUPPLY OR EQUAL BY BRADLEY OR HAWS.
 - DISCONNECT AND REMOVE ALL EXPOSED COLD WATER SUPPLY LINES TO THE EXISTING EMERGENCY SHOWER/EYE WASH STATIONS. SEAL OFF THEIR BURIED COLD WATER LINES PERMANENTLY AND ABANDON THEM IN PLACE.
 - PROVIDE NEW EMERGENCY SHOWER/EYE WASH STATION IN THE DELIVERY TRUCK FILL AREA, SPEAKMAN MODEL SE-7001 W/TOP SUPPLY OR EQUAL BY BRADLEY OR HAWS.
 - RUN THE TEPID WATER SUPPLY FROM THE EXISTING INSTANTANEOUS WATER HEATER TO ALL EMERGENCY SHOWER/EYE WASH STATIONS. FIELD COORDINATE THE ROUTING OF PIPE.
 - THE NEW TEPID WATER SUPPLY LINES SHALL BE CONSTRUCTED OF SCH 80 CPVC PIPE. PROVIDE HEAT TRACING, INSULATION, AND JACKETING FOR FREEZE PROTECTION. THE INSULATION SHALL BE OF PREFORMED FIBERGLASS AND JACKETING SHALL BE OF HEAVY GAUGE ALUMINUM CONSTRUCTION.
 - ADJUST THE EXISTING PRV LOCATED IN THE COLD WATER SUPPLY LINE TO THE INSTANTANEOUS WATER HEATER AS NEEDED TO PROVIDE PROPER TEPID WATER FLOW AND PRESSURE AT THE EMERGENCY SHOWER/EYE WASH STATIONS.
 - NEW PIPE SUPPORTS TO MATCH EXISTING. SEE STRUCTURAL DRAWINGS FOR PIPE SUPPORT DETAILS.
 - PATCHUP AND REPAIR ALL THE CONTAINMENT WALLS AND FLOORS AFFECTED BY NEW WORK TO MATCH EXISTING.

- KEY NOTES:**
- PIPE PENETRATION ABOVE CONTAINMENT WALL. HEAT TRACING, INSULATION, AND JACKETING OF THE TEPID WATER PIPE TO BE CONTINUOUS THRU THE WALL PENETRATION. PROVIDE WATER-TIGHT SEAL ON BOTH SIDES OF THE PIPE PENETRATION. SEE STRUCTURAL DETAIL 04-100.
 - WITHIN THE WIDTH OF THE DOORWAY, THE LONGITUDINAL JOINT OF THE INSULATION JACKETING OF THE TEPID WATER PIPE TO BE ON THE TOP SIDE OF THE PIPE AND THERE SHALL BE NO CIRCUMFERENTIAL JOINTS.
 - INSTALL NEW HOSE REEL FOR THE EXISTING HOSE BIBB. NEW HOSE REEL TO MATCH THE EXISTING HOSE REELS.

ENGINEERED SYSTEMS & SERVICES

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REV	DATE	DESCRIPTION
0	11/8/22	INITIAL ISSUE

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EXPIRATION DATE: 6/30/2024

CLIENT:

CLAYTON COUNTY Water AUTHORITY

PROJECT:

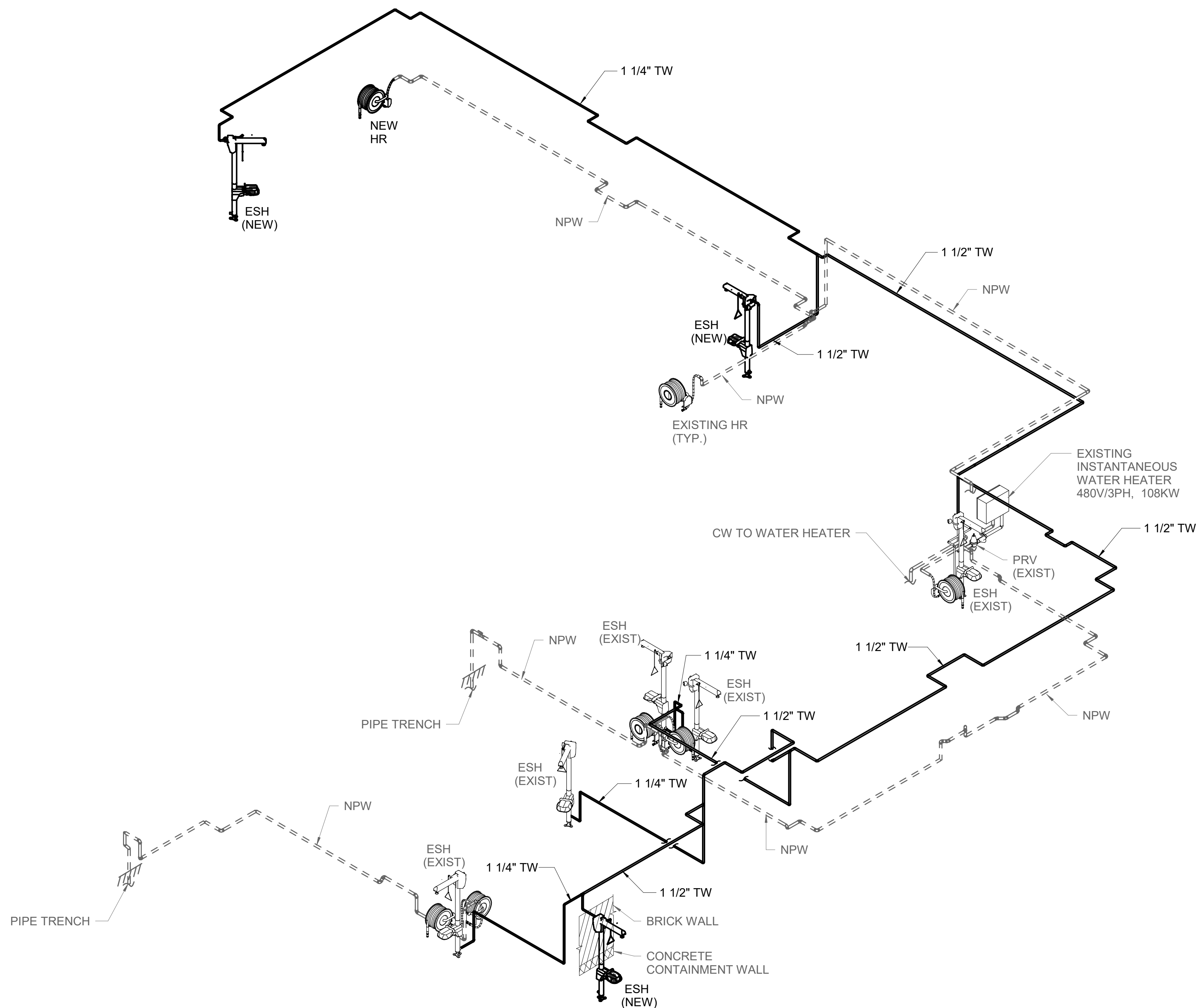
W.J. HOOPER WPP CHEMICAL STORAGE SYSTEMS

STAMP:

REGISTERED PROFESSIONAL ENGINEER
SUNILSEN S. PERAMUNU
PE 29455
11/17/23

SHEET TITLE:
PLUMBING PLAN

ISSUED: 11/8/22	DESIGNED BY: S.P.
PROJECT NO: RT-RE-21-09	DRAWN BY: N.M.
SHEET 28 OF 39	CHECKED BY: S.P.
SCALE: 1/8" = 1'-0"	CURRENT REVISION: 0
	DRAWING NUMBER: P-101



1 PLUMBING RISER DIAGRAM
P-102 NTS

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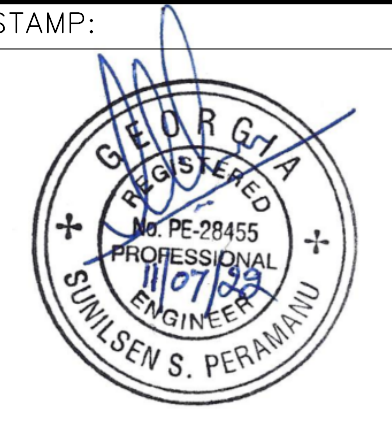


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