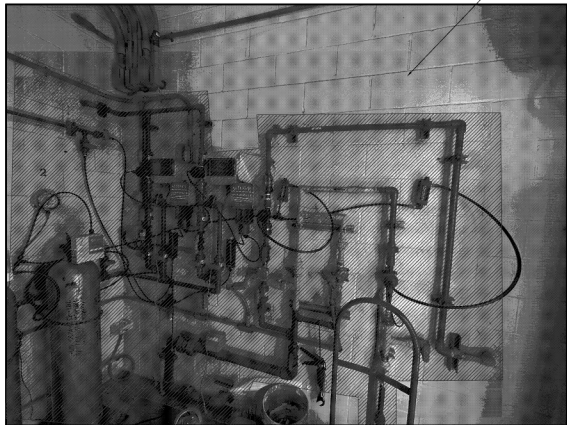
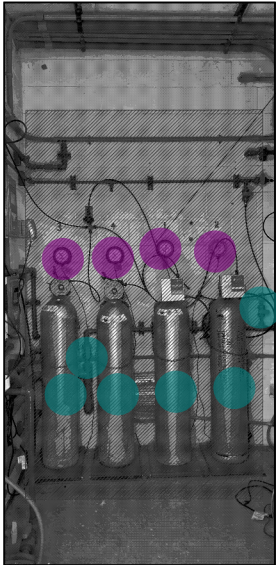


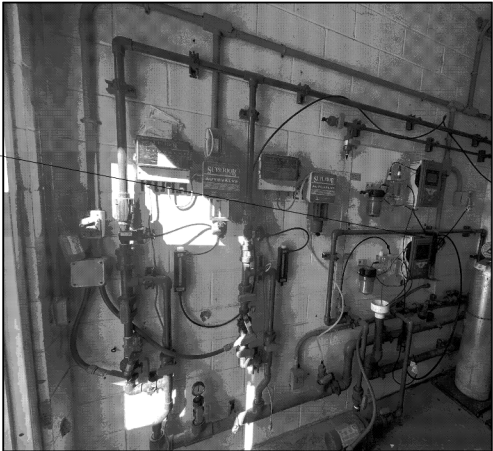
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**AREA I
IMPROVEMENTS**
NTS



**AREA II
IMPROVEMENTS**
NTS



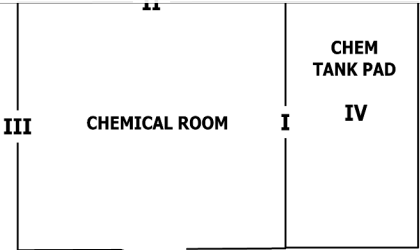
**AREA III
IMPROVEMENTS**
NTS

NOTES:
1. EXISTING DISINFECTION SYSTEM SHALL REMAIN ON-LINE UNTIL THE NEW SYSTEM IS INSTALLED, TESTED, AND READY TO USE BY THE OWNER.
2. OWNER RESERVES FIRST RIGHT OF REFUSAL ON ALL REMOVED ITEMS. ANY ITEMS NOT CLAIMED BY OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL RULES AND REGULATIONS . IF CONTRACTOR BELIEVES EXISTING COMPONENTS CAN BE REUSED, SUBMIT FOR ENGINEER CONSIDERATION WITH A CORRESPONDING CREDIT.

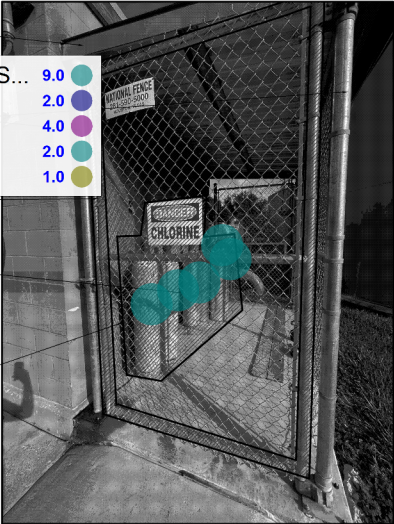
- REMOVE EXISTING CYLINDERS & ALONG W/ALL ASSOCIATED PIPING & CONTROL WIRES BACK TO THE S...
- 1" DIA CAP FOR INJECTION LINE
- REMOVE EXISTING PRESSURE GUAGE/METERS
- REMOVE EXISTING VALVES
- REMOVE & REPLACED EXISTING PRPOSED ALL CHEMICAL FEED SYSTEM

LEGEND

EXISTING COMPONENTS TO
BE DEMOLISHED/REMOVED

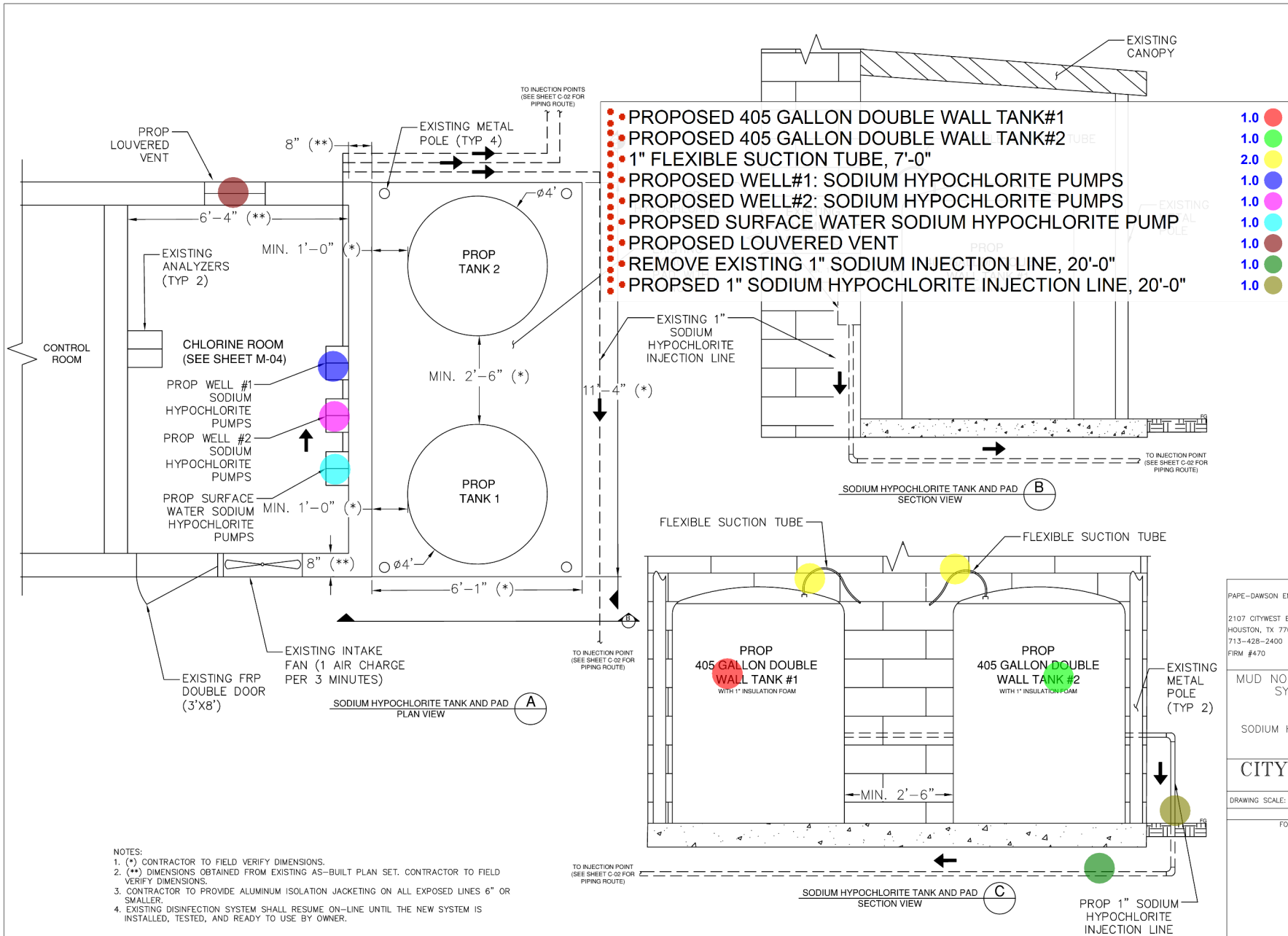


**CHEMICAL ROOM AREA
LAYOUT**
NTS



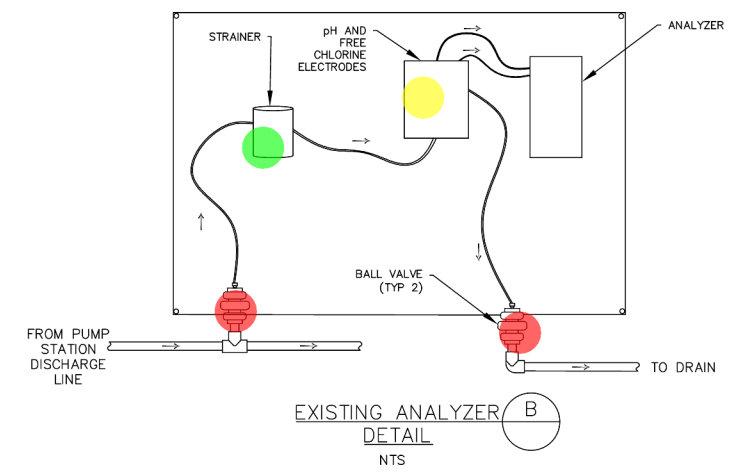
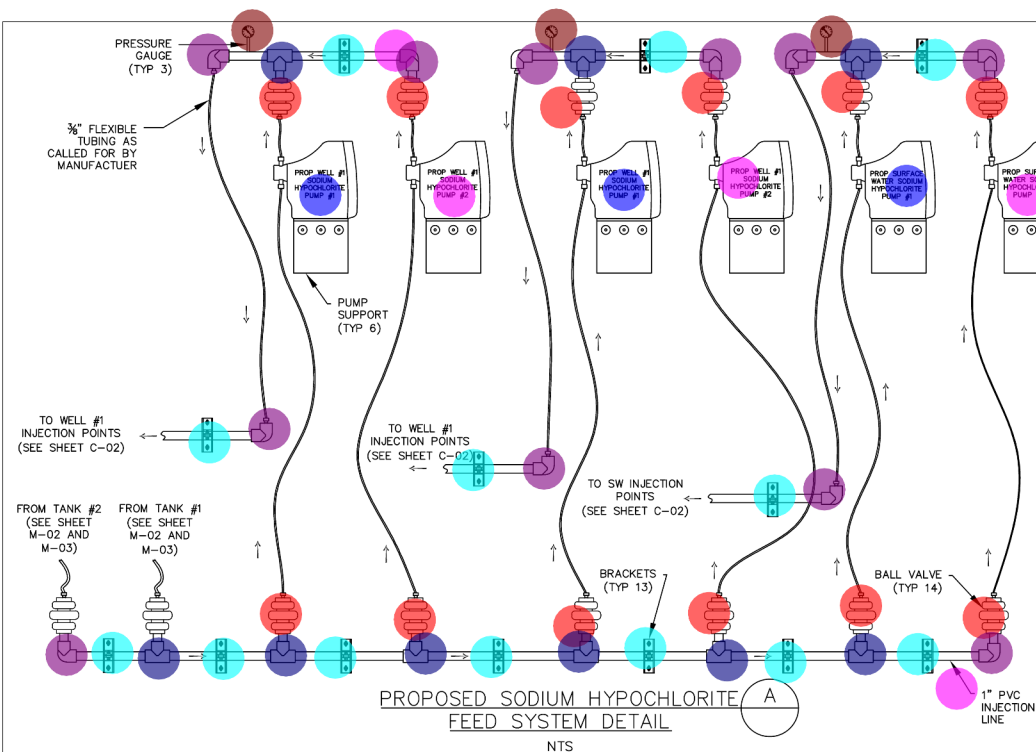
**AREA IV
IMPROVEMENTS**
NTS

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|---|--|--|
| PAPE-DAWSON ENGINEERS, LLC. 2107 CITYWEST BOULEVARD, HOUSTON, TX 77042 713-428-2400 FIRM #470 | | |
| MUD NO. 371 WTP DISINFECTION SYSTEM CONVERSION | | |
| CHEMICAL FEED SYSTEM IMPROVEMENT PLAN | | |
| CITY OF HOUSTON HOUSTON PUBLIC WORKS | | |
| DRAWING SCALE: HORIZONTAL: N/A VERTICAL: N/A SHEET NO. M-01 OF 22 FOR CITY OF HOUSTON USE ONLY | | |
| | | |



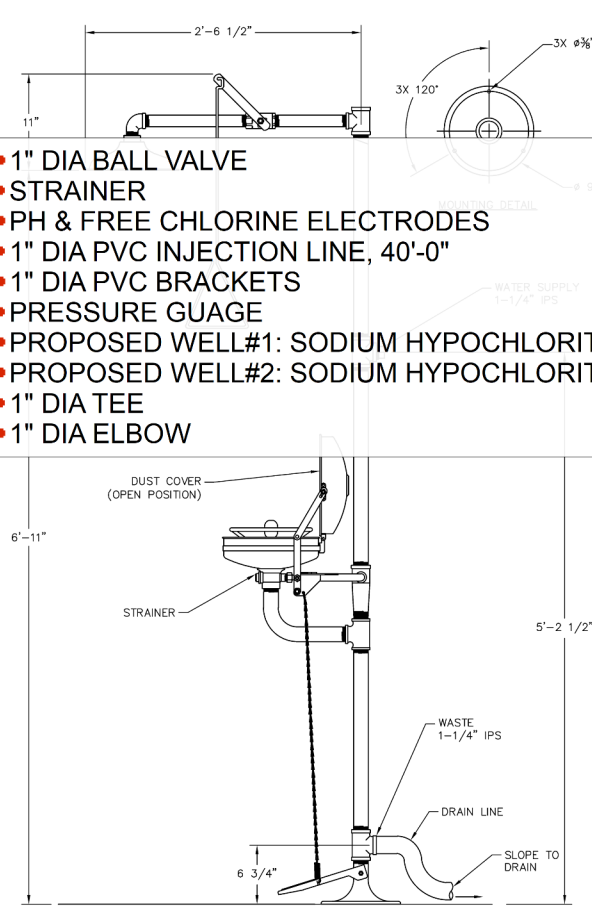
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| PAPE-DAWSON ENGINEERS, L.L.C. | | |
| 2107 CITYWEST BOULEVARD, HOUSTON, TX 77042 713-428-2400 FIRM #470 | | |
| MUD NO. 371 WTP DISINFECTION SYSTEM CONVERSION | | |
| SODIUM HYPOCHLORITE TANK DETAIL 1 | | |
| CITY OF HOUSTON HOUSTON PUBLIC WORKS | | |
| DRAWING SCALE: HORIZONTAL: N/A VERTICAL: N/A SHEET NO. M-02 OF 22 FOR CITY OF HOUSTON USE ONLY | | |
| | | HOUSTON PUBLIC WORKS ACCEPTED AND FILED 79371 CITY DRAWING NUMBER Approval Date 03/04/25 HOUSTON TX |

| NO. | DATE | REVISION | APP. |
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- 1" DIA BALL VALVE
- STRAINER
- PH & FREE CHLORINE ELECTRODES
- 1" DIA PVC INJECTION LINE, 40'-0"
- 1" DIA PVC BRACKETS
- PRESSURE GAUGE
- PROPOSED WELL#1: SODIUM HYPOCHLORITE PUMPS
- PROPOSED WELL#2: SODIUM HYPOCHLORITE PUMPS
- 1" DIA TEE
- 1" DIA ELBOW

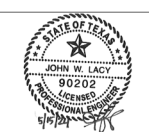
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| 1.0 | |
| 2.0 | |
| 13.0 | |
| 3.0 | |
| 3.0 | |
| 3.0 | |
| 9.0 | |
| 11.0 | |



NOTE:
1. CONTRACTOR TO PROVIDE ALUMINUM ISOLATION JACKETING ON ALL LINES 6" OR SMALLER.
2. SLAB THICKNESS FOR PROPOSED EYEWASH STATION SHALL BE A MINIMUM OF 4 INCHES PLUS THE REQUIRED LENGTH OF THE ANCHORAGE BOLTS AS SPECIFIED BY THE EQUIPMENT SUPPLIER. USE #4 REBAR AT 12" MAX SPACING AND CLASS A CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

NOTES:
1. CONTRACTOR TO MOUNT PUMP TO WALL. COORDINATE FINAL PUMP LOCATION WITH OPERATOR.

PAPE-DAWSON ENGINEERS, L.L.C.
2107 CITYWEST BOULEVARD,
HOUSTON, TX 77042
713-428-2400
FIRM #470



MUD NO. 371 WTP DISINFECTION
SYSTEM CONVERSION
CHEMICAL FEED SYSTEM AND EMERGENCY
EYEWASH STATION DETAILS

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

DRAWING SCALE: HORIZONTAL: N/A VERTICAL: N/A
SHEET NO. M-04 OF 22
FOR CITY OF HOUSTON USE ONLY

