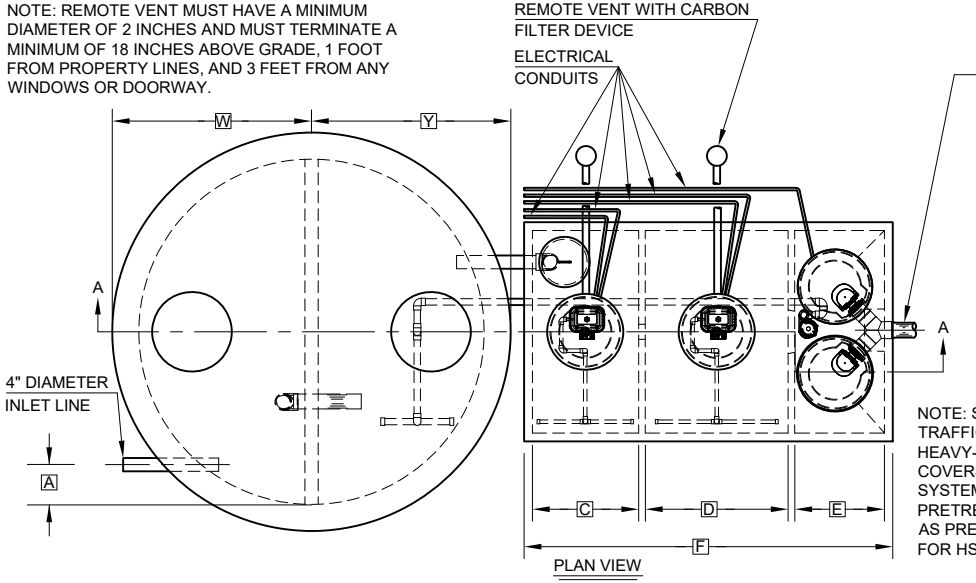
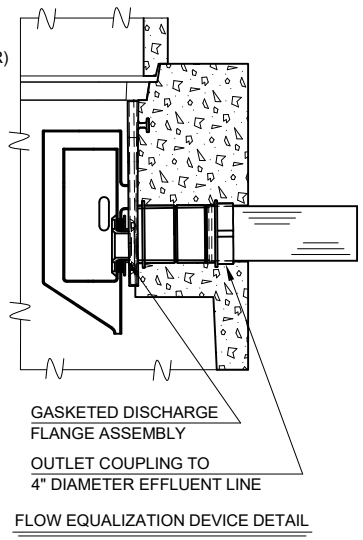
NOTE: REMOTE VENT MUST HAVE A MINIMUM DIAMETER OF 2 INCHES AND MUST TERMINATE A MINIMUM OF 18 INCHES ABOVE GRADE, 1 FOOT FROM PROPERTY LINES, AND 3 FEET FROM ANY WINDOWS OR DOORWAY.




NOTE: SYSTEMS INSTALLED IN TRAFFIC AREAS MUST UTILIZE HEAVY-DUTY LOCKING CAST IRON COVERS AND CASTINGS FOR ALL SYSTEM ACCESS OPENINGS AND PRETREATMENT TANK COVER SLAB, AS PREVIOUSLY APPROVED BY SCDHS FOR HS-20 LOADING.




FLOW EQUALIZATION DEVICE DETAIL

GENERAL NOTES:

① FALL THROUGH THE HYDRO-KINETIC® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.

② ON DEEPER INSTALLATIONS, RISERS MUST BE USED TO EXTEND CASTINGS TO GRADE.

③ TANK REINFORCED PER ACI STD. 318.

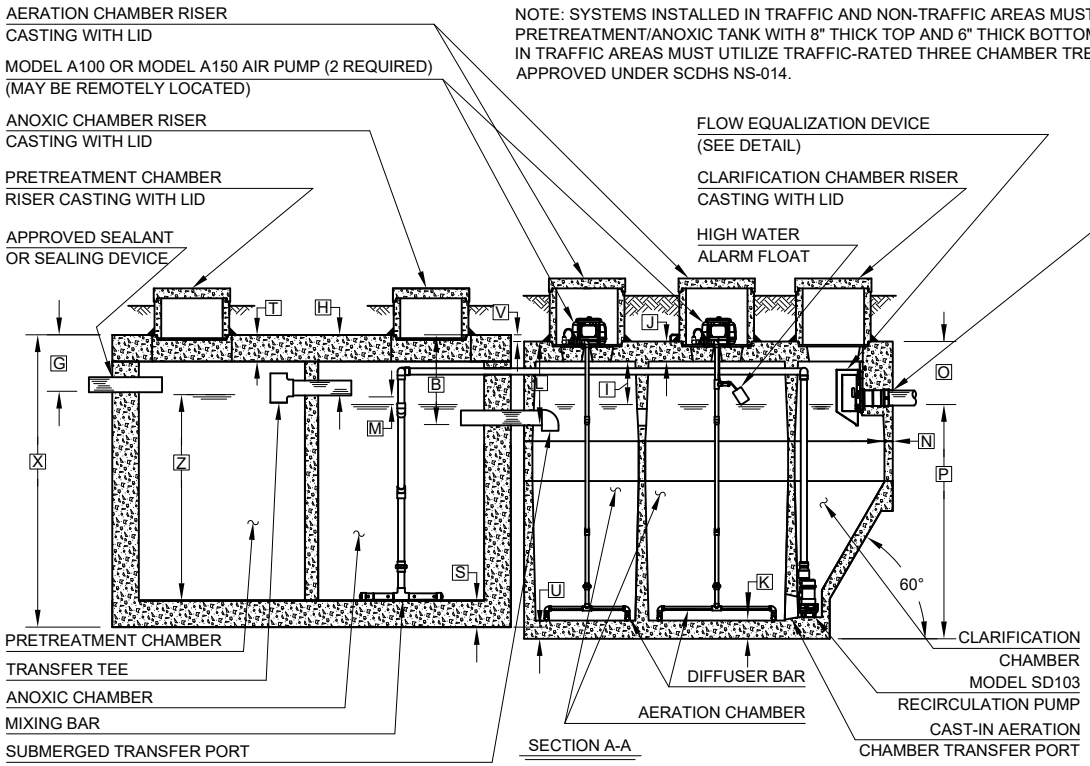
④ ALL ACCESS COVERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.

⑤ CONTACT THE LOCAL, LICENSED HYDRO-KINETIC® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

⑥ COLLECT EFFLUENT SAMPLES FROM FLOW EQUALIZATION DEVICE INSTALLED IN CLARIFIER.

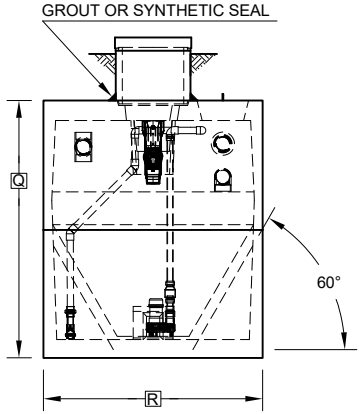
⑦ PRETREATMENT AND ANOXIC CHAMBERS MAY BE INCLUDED AS INTEGRAL COMPONENTS OF THE TREATMENT TANK.

NOTE: SYSTEMS INSTALLED IN TRAFFIC AND NON-TRAFFIC AREAS MUST UTILIZE 2,000 GALLON TRAFFIC-RATED PRETREATMENT/ANOXIC TANK WITH 8" THICK TOP AND 6" THICK BOTTOM AS PREVIOUSLY APPROVED BY SCDHS. SYSTEMS INSTALLED IN TRAFFIC AREAS MUST UTILIZE TRAFFIC-RATED THREE CHAMBER TREATMENT TANK WITH 6" THICK TOP AND 5-1/2" THICK BOTTOM AS APPROVED UNDER SCDHS NS-014.




SECTION A-A

NOTE: A TWO CHAMBER 2,000 GALLON TANK IS UTILIZED FOR THE PRETREATMENT AND ANOXIC CHAMBER. THE PRETREATMENT AND ANOXIC CHAMBERS EACH HAVE A VOLUME OF 1,000 GALLONS.




OUTLET END VIEW

NOTE: SYSTEMS CERTIFIED BY NSF TO NSF/ANSI STANDARD 40 MUST INCLUDE MODEL A100 AIR PUMP.

NOTE: TOTAL SYSTEM CAPACITY: 3,150 GALLONS RATED CAPACITY: 1,250 GALLONS PER DAY

PROJECT ENGINEER'S APPROVAL:
I (WE) HEREBY CERTIFY THAT THIS DRAWING HAS BEEN CHECKED AND IS APPROVED FOR USE IN CONFORMITY WITH THE CONTRACT DOCUMENTS.

DATE: _____

NAME: _____

CONTRACTOR'S CERTIFICATION:
I (WE) HEREBY CERTIFY THAT THIS DRAWING HAS BEEN CHECKED AND IS APPROVED FOR USE IN CONFORMITY WITH THE CONTRACT DOCUMENTS.

DATE: _____

NAME: _____

CRITICAL DIMENSIONS

| | | | |
|---|---|---|---|
| A | 1'- 0" | N | 0'- 2 1/2" |
| B | 2'- 3" | O | 1'- 7" |
| C | 2'- 8" | P | 5'- 10 1/2" |
| D | 3'- 7" | Q | 7'- 5 1/2" |
| E | 2'- 3" | R | 5'- 6" |
| F | 9'- 3" | S | 0'- 8" |
| G | 1'- 5" | T | 0'- 8" |
| H | 1'- 6" | U | 0'- 3 1/2" |
| I | 1'- 1" | V | 0'- 2" |
| J | 0'- 6" | W | 5'- 0" |
| K | 0'- 5 1/2" | X | 7'- 4" |
| L | 2'- 1" | Y | 5'- 0" |
| M | 0'- 3" | Z | 5'- 2" |

U.S. AND FOREIGN PATENTS PENDING



norweco

HYDRO-KINETIC® MODEL 1250 WASTEWATER TREATMENT SYSTEM WITHOUT BIO-FILM REACTOR H-20 DESIGN LOAD



| | |
|---|---|
| REVISION DATE | 05-06-2026 |
| REVISION | A |
| DRAWN BY | CLB |
| APPROVED BY | JMM |
| DATE | 04-29-2026 |
| SCALE | NTS |
| DRAWING NO. | PC-2-0354 |