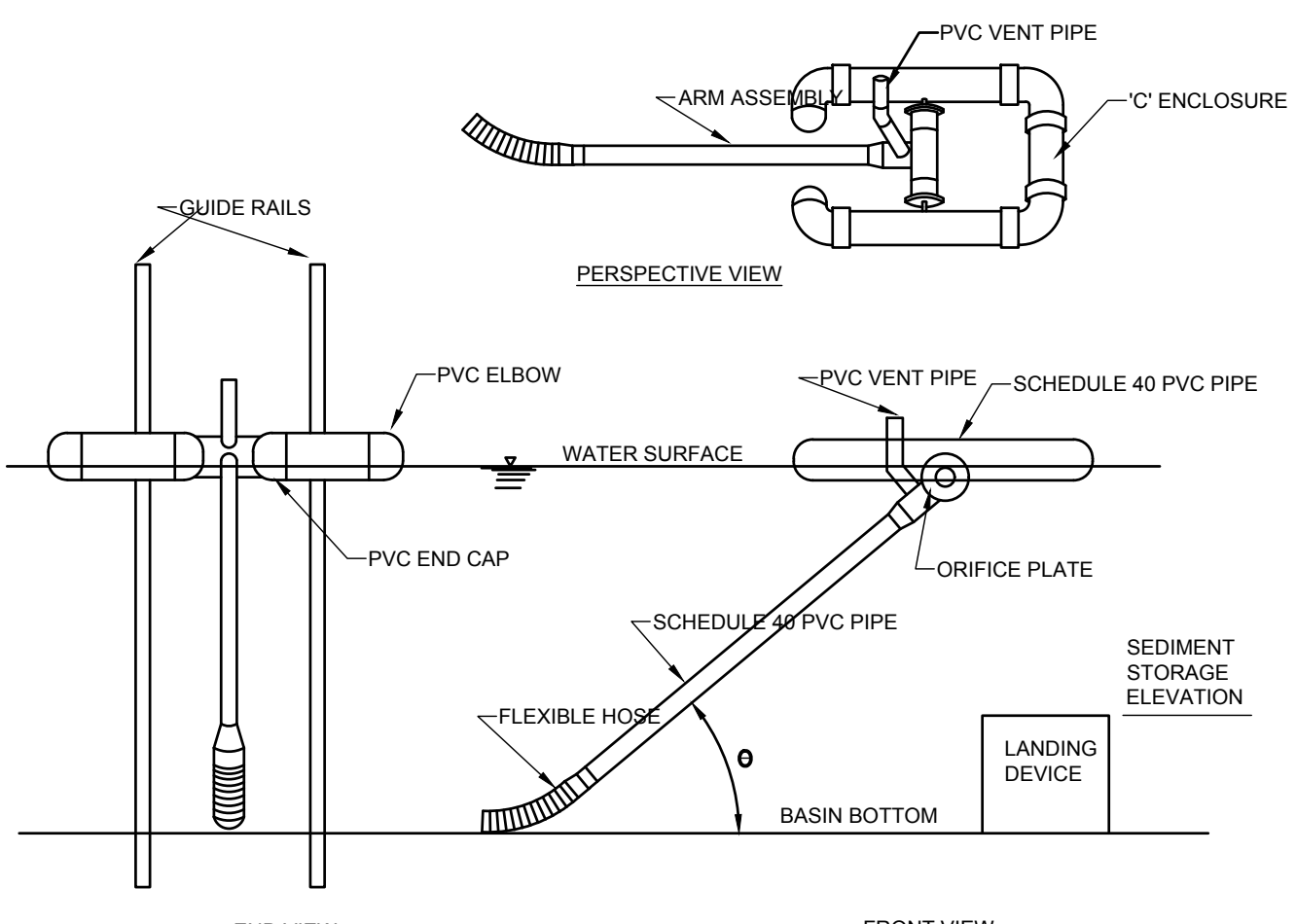
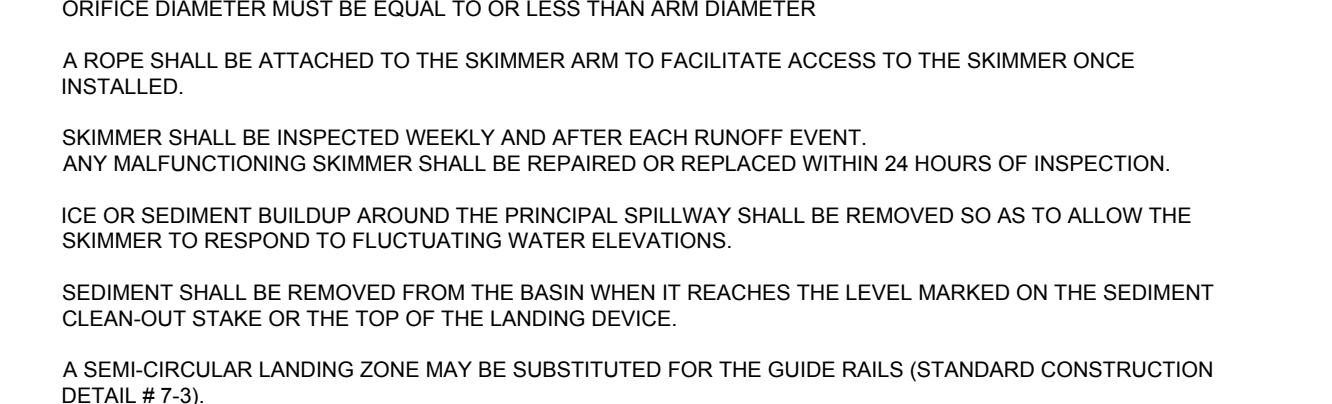


PRELIMINARY
NOT FOR
CONSTRUCTION
11/19/18



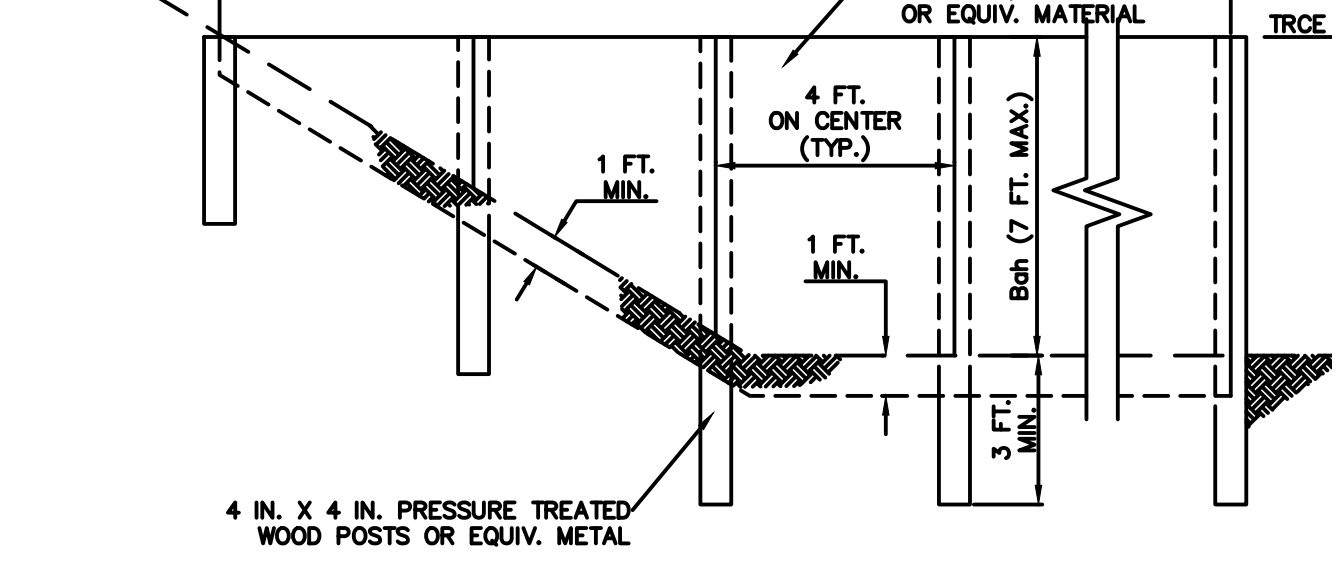
BASIN NO.	WATER SURFACE ELEVATION (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
1	426.05	8	2.5	3.4	422.00	24	419.6

ORIFICE DIAMETER MUST BE EQUAL TO OR LESS THAN ARM DIAMETER
A ROPE SHALL BE ATTACHED TO THE SKIMMER ARM TO FACILITATE ACCESS TO THE SKIMMER ONCE INSTALLED.
SKIMMER SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. ANY MALFUNCTIONING SKIMMER SHALL BE REPAIRED OR REPLACED WITHIN 24 HOURS OF INSPECTION.
ICE OR SEDIMENT BUILDUP AROUND THE PRINCIPAL SPILLWAY SHALL BE REMOVED SO AS TO ALLOW THE SKIMMER TO RESPOND TO FLUCTUATING WATER ELEVATIONS.
SEDIMENT SHALL BE REMOVED FROM THE BASIN WHEN IT REACHES THE LEVEL MARKED ON THE SEDIMENT CLEAN-OUT STAKE OR THE TOP OF THE LANDING DEVICE.
A SEMI-CIRCULAR LANDING ZONE MAY BE SUBSTITUTED FOR THE GUIDE RAILS (STANDARD CONSTRUCTION DETAIL #7-3).



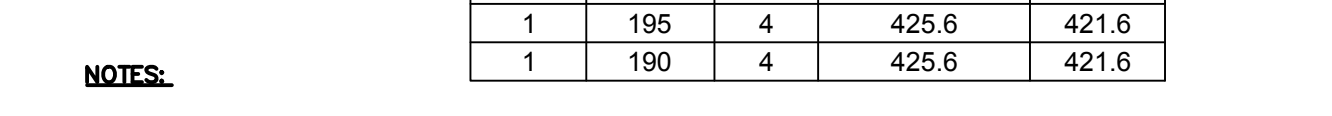
BASIN NO.	WATER SURFACE ELEV. WSE (FT)	SKIMMER				FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
		ORIFICE DIA. (IN)	HEAD (FT)	DIA. SAd (IN)	LENGTH SAL (FT)		
1	426.05	3.4	6.6	2.5	8	24	419.6

TEMPORARY STUB PERMANENT RISER RISER EXTENSION BARREL
INVERT ELEV. WSE (FT) MATL. CREST ELEV. PSCE (FT) LENGTH EI (IN) WIDTH EW (IN) CREST ELEV. TSE (FT) LENGTH TI (IN) WIDTH TI (IN) INLET ELEV. BIE (FT)

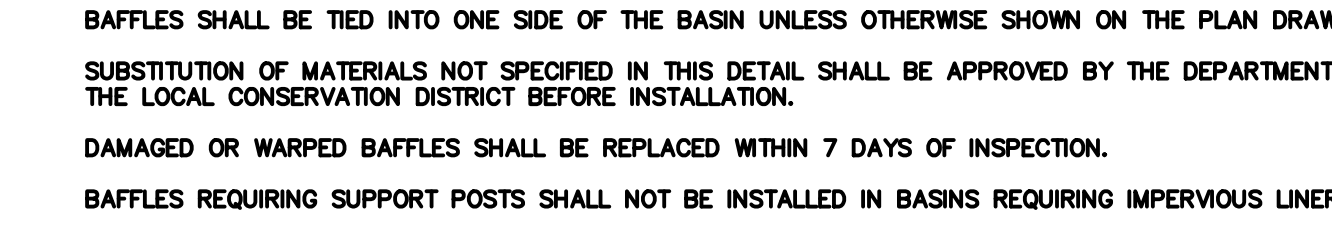


BASIN NO.	PIPE SIZE (IN)	S (IN)	NO. OF COLLARS	RISER TO FIRST COLLAR (FT)	COLLAR SPACING (FT)
1	30	84	3	28	28

NOTES:
ALL COLLARS SHALL BE INSTALLED SO AS TO BE WATERTIGHT.
COLLAR SIZE AND SPACING SHALL BE AS INDICATED WITHIN TABLE.

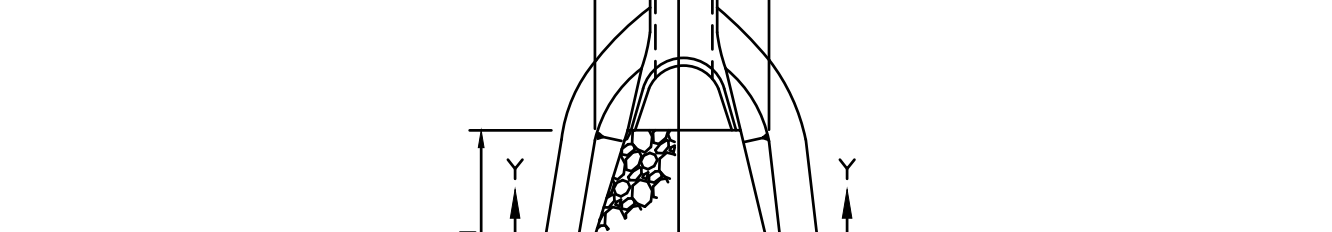


CLEANOUT STAKE
1. CLEANOUT STAKES MUST BE PLACED AT A HALF DISTANCE FROM CONCENTRATED INFLOWS TO TEMPORARY RISERS. WHEN SEDIMENT HAS ACCUMULATED TO CLEANOUT ELEVATION ON ANY STAKE, IT MUST BE REMOVED TO RESTORE BASIN CAPACITY.
2. CLEANOUT STAKES ARE NOT REQUIRED IF THE CLEANOUT ELEVATION IS PAINTED ON THE SEDIMENT BAFFLE.



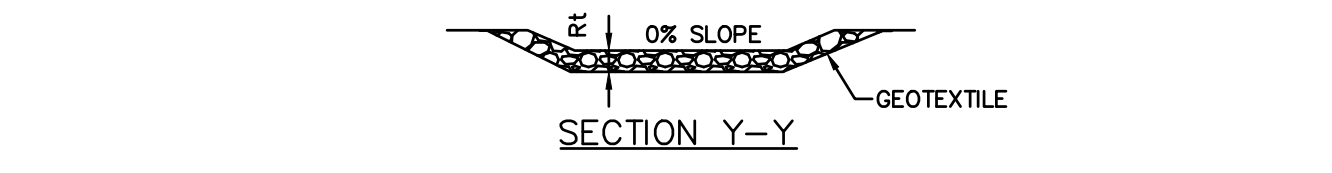
BASIN OR TRAP NO.	BAFFLE LENGTH (FT)	HEIGHT (FT)	TEMPORARY RISER CREST ELEV. TRCE (FT)	BOTTOM ELEV. BE (FT)
1	195	4	425.6	421.6
1	190	4	425.6	421.6

NOTES:
SEE APPROPRIATE BASIN DETAIL FOR PROPER LOCATION AND ORIENTATION.
AN ACCEPTABLE ALTERNATIVE IS TO INSTALL A SUPER SILT FENCE AT THE BAFFLE LOCATION
IN POOLS WITH DEPTHS EXCEEDING 7', THE TOP OF THE PLYWOOD BAFFLE DOES NOT NEED TO EXTEND TO THE TEMPORARY RISER CREST. SUPER SILT FENCE BAFFLES NEED NOT EXTEND TO TRCE ELEVATION.
BAFFLES SHALL BE TIED INTO ONE SIDE OF THE BASIN UNLESS OTHERWISE SHOWN ON THE PLAN DRAWINGS.
SUBSTITUTION OF MATERIALS NOT SPECIFIED IN THIS DETAIL SHALL BE APPROVED BY THE DEPARTMENT OR THE LOCAL CONSERVATION DISTRICT BEFORE INSTALLATION.
DAMAGED OR WARPED BAFFLES SHALL BE REPLACED WITHIN 7 DAYS OF INSPECTION.
BAFFLES REQUIRING SUPPORT POSTS SHALL NOT BE INSTALLED IN BASINS REQUIRING IMPERVIOUS LINERS.



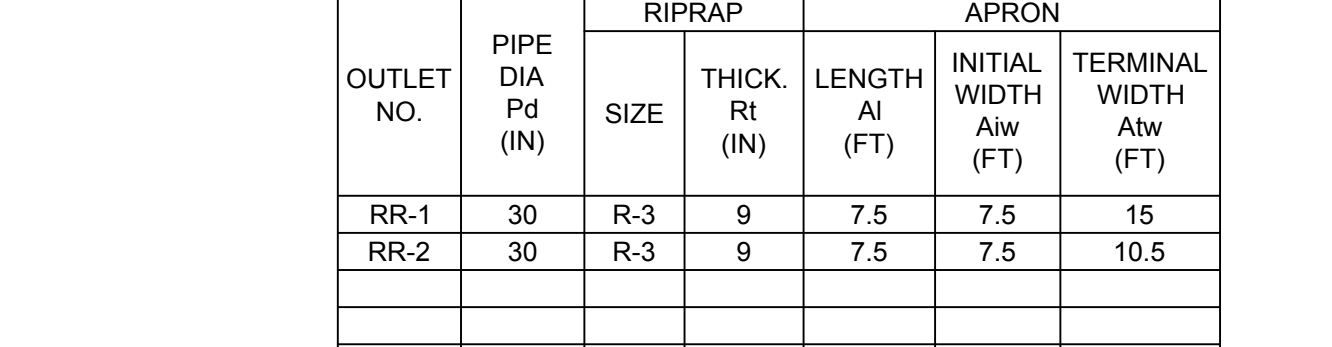
OUTLET NO.	PIPE DIA Pd (IN)	RIPRAP SIZE	THICK Rt (IN)	LENGTH Al (FT)	INITIAL WIDTH Aw (FT)	TERMINAL WIDTH Atw (FT)
					9	7.5
RR-1	30	R-3	9	7.5	7.5	15
RR-2	30	R-3	9	7.5	7.5	10.5

NOTES:
ALL APRONS SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN. TERMINAL WIDTHS SHALL BE ADJUSTED AS NECESSARY TO MATCH RECEIVING CHANNELS.
ALL APRONS SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RUNOFF EVENT. DISPLACED RIPRAP WITHIN THE APRON SHALL BE REPLACED IMMEDIATELY.



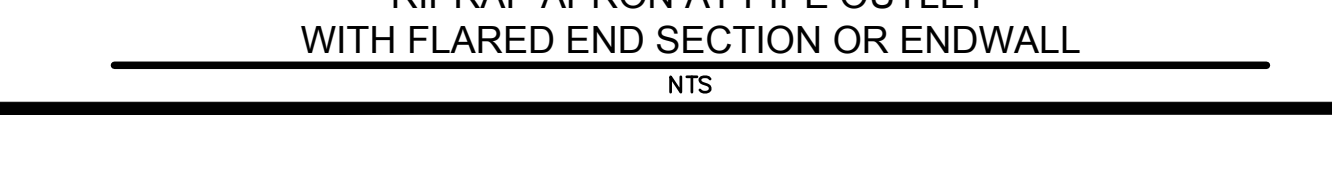
BASIN NO.	WATER SURFACE ELEV. WSE (FT)	SKIMMER				FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
		ORIFICE DIA. (IN)	HEAD (FT)	DIA. SAd (IN)	LENGTH SAL (FT)		
1	426.05	3.4	6.6	2.5	8	24	419.6

TEMPORARY STUB PERMANENT RISER RISER EXTENSION BARREL
INVERT ELEV. WSE (FT) MATL. CREST ELEV. PSCE (FT) LENGTH EI (IN) WIDTH EW (IN) CREST ELEV. TSE (FT) LENGTH TI (IN) WIDTH TI (IN) INLET ELEV. BIE (FT)

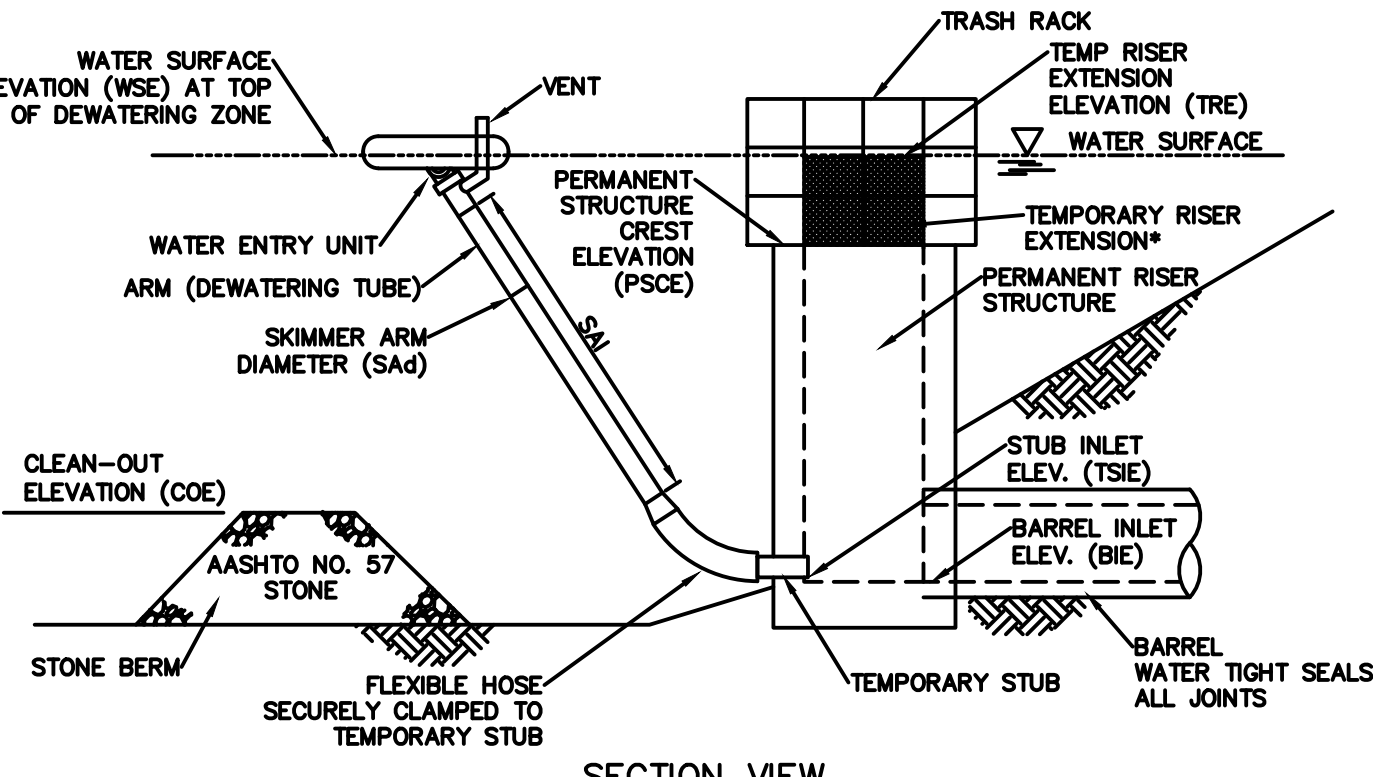


BASIN NO.	WATER SURFACE ELEV. WSE (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
1	426.05	8	2.5	3.4	422.00	24	419.6

ORIFICE DIAMETER MUST BE EQUAL TO OR LESS THAN ARM DIAMETER
A ROPE SHALL BE ATTACHED TO THE SKIMMER ARM TO FACILITATE ACCESS TO THE SKIMMER ONCE INSTALLED.
SKIMMER SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. ANY MALFUNCTIONING SKIMMER SHALL BE REPAIRED OR REPLACED WITHIN 24 HOURS OF INSPECTION.
ICE OR SEDIMENT BUILDUP AROUND THE PRINCIPAL SPILLWAY SHALL BE REMOVED SO AS TO ALLOW THE SKIMMER TO RESPOND TO FLUCTUATING WATER ELEVATIONS.
SEDIMENT SHALL BE REMOVED FROM THE BASIN WHEN IT REACHES THE LEVEL MARKED ON THE SEDIMENT CLEAN-OUT STAKE OR THE TOP OF THE LANDING DEVICE.
A SEMI-CIRCULAR LANDING ZONE MAY BE SUBSTITUTED FOR THE GUIDE RAILS (STANDARD CONSTRUCTION DETAIL #7-3).

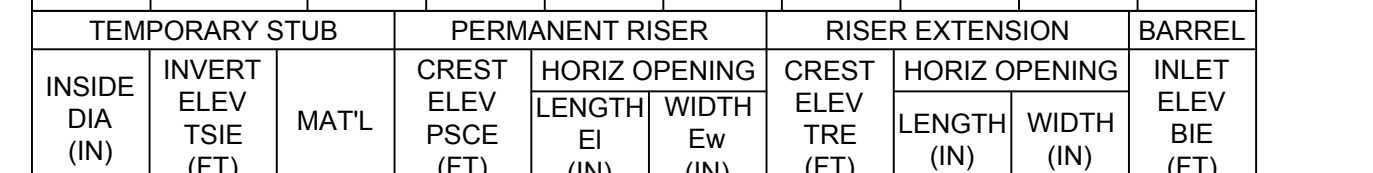


STANDARD CONSTRUCTION DETAIL #9-1
RIPRAP APRON AT PIPE OUTLET
WITH FLARED END SECTION OR ENDWALL
N.T.S.



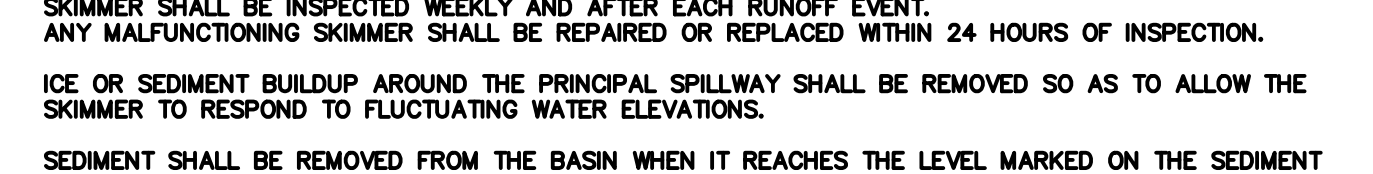
BASIN NO.	Z1 (FT)	Z2 (FT)	TEMP RISER EXT. ELEV. TRE (FT)	EMBANKMENT TOP ELEV. ETE (FT)	CLEAN OUT ELEV. COE (FT)	BOTTOM ELEV. BE (FT)
1	4	4	425.6	428	422.6	421.6

NOTES:
NO GUIDE RAILS SHALL BE REQUIRED FOR THIS INSTALLATION.
THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD CONSTRUCTION DETAILS #7-2 AND #7-4.



BASIN NO.	WATER SURFACE ELEV. WSE (FT)	SKIMMER				FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
		ORIFICE DIA. (IN)	HEAD (FT)	DIA. SAd (IN)	LENGTH SAL (FT)		
1	426.05	3.4	6.6	2.5	8	24	419.6

TEMPORARY STUB PERMANENT RISER RISER EXTENSION BARREL
INVERT ELEV. WSE (FT) MATL. CREST ELEV. PSCE (FT) LENGTH EI (IN) WIDTH EW (IN) CREST ELEV. TSE (FT) LENGTH TI (IN) WIDTH TI (IN) INLET ELEV. BIE (FT)



BASIN NO.	PIPE SIZE (IN)	S (IN)	NO. OF COLLARS	RISER TO FIRST COLLAR (FT)	COLLAR SPACING (FT)
1	30	84	3	28	28

NOTES:
ALL COLLARS SHALL BE INSTALLED SO AS TO BE WATERTIGHT.
COLLAR SIZE AND SPACING SHALL BE AS INDICATED WITHIN TABLE.



CLEANOUT STAKE
1. CLEANOUT STAKES MUST BE PLACED AT A HALF DISTANCE FROM CONCENTRATED INFLOWS TO TEMPORARY RISERS. WHEN SEDIMENT HAS ACCUMULATED TO CLEANOUT ELEVATION ON ANY STAKE, IT MUST BE REMOVED TO RESTORE BASIN CAPACITY.
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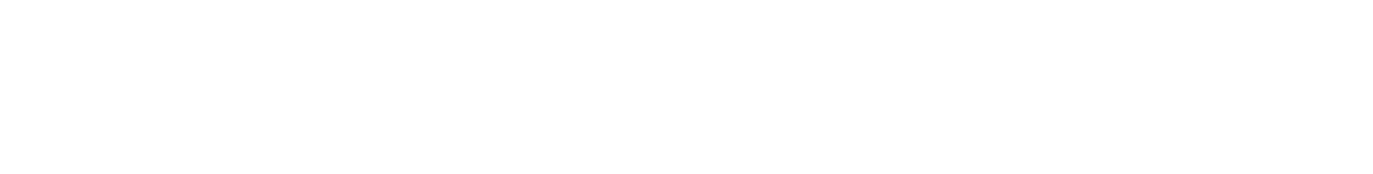
BASIN OR TRAP NO.	BAFFLE LENGTH (FT)	HEIGHT (FT)	TEMPORARY RISER CREST ELEV. TRCE (FT)	BOTTOM ELEV. BE (FT)
1	195	4	425.6	421.6
1	190	4	425.6	421.6

NOTES:
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BASIN NO.	WATER SURFACE ELEV. WSE (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
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BASIN NO.	WATER SURFACE ELEV. WSE (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
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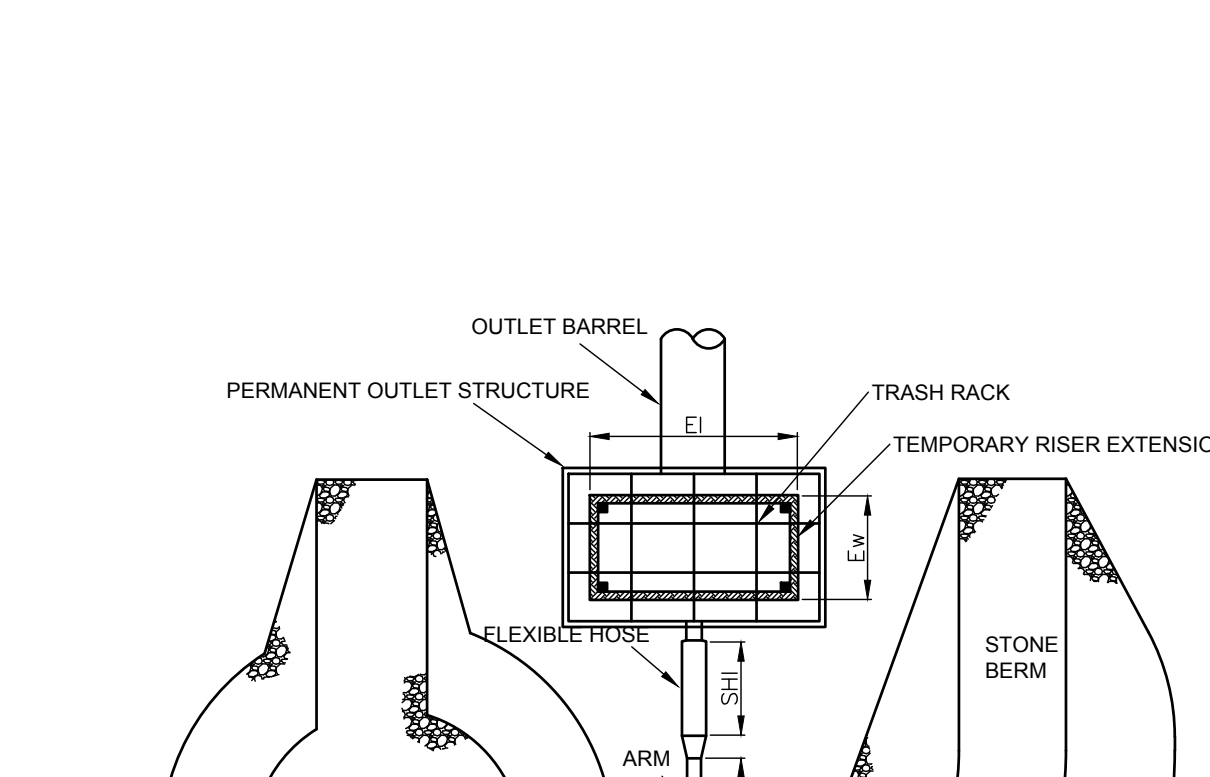
BASIN NO.	WATER SURFACE ELEV. WSE (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
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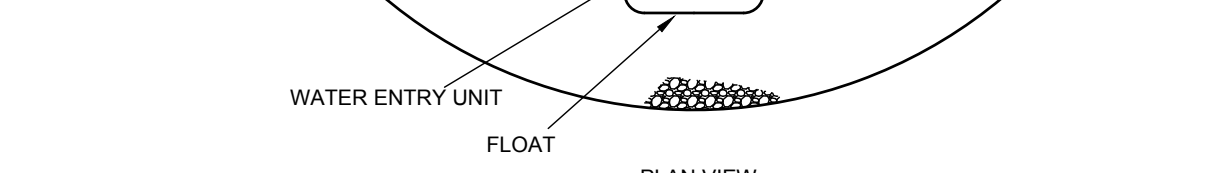
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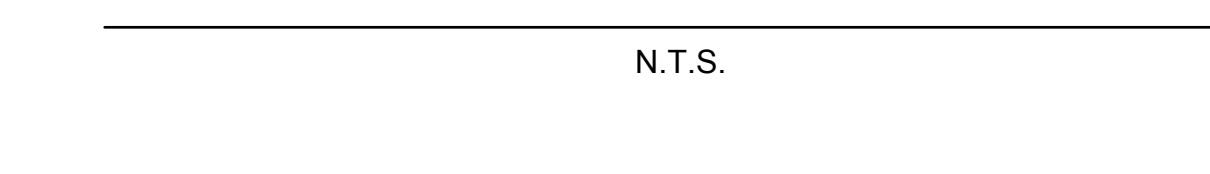
BASIN NO.	Z1 (FT)	Z2 (FT)	TEMP RISER EXT. ELEV. TRE (FT)	EMBANKMENT TOP ELEV. ETE (FT)	CLEAN OUT ELEV. COE (FT)	BOTTOM ELEV. BE (FT)
1	4	4	425.6	428	422.6	421.6

NOTES:
NO GUIDE RAILS SHALL BE REQUIRED FOR THIS INSTALLATION.
THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD CONSTRUCTION DETAILS #7-2 AND #7-4.



BASIN NO.	WATER SURFACE ELEV. WSE (FT)	SKIMMER				FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
		ORIFICE DIA. (IN)	HEAD (FT)	DIA. SAd (IN)	LENGTH SAL (FT)		
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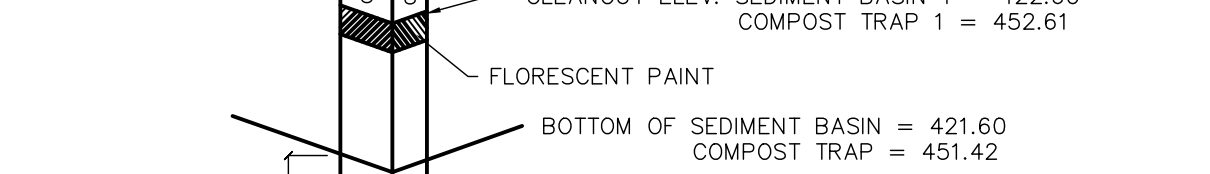


BASIN NO.	PIPE SIZE (IN)	S (IN)	NO. OF COLLARS	RISER TO FIRST COLLAR (FT)	COLLAR SPACING (FT)
1	30	84	3	28	28

NOTES:
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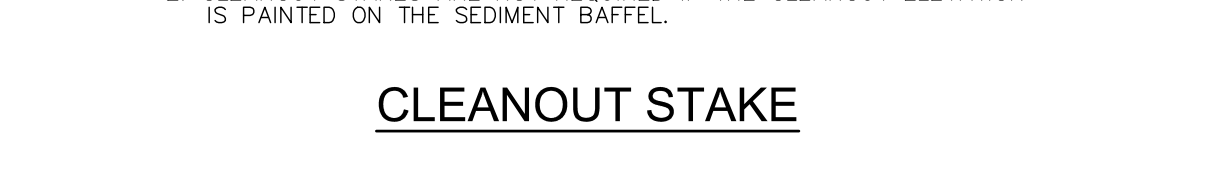


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BASIN OR TRAP NO.	BAFFLE LENGTH (FT)	HEIGHT (FT)	TEMPORARY RISER CREST ELEV. TRCE (FT)	BOTTOM ELEV. BE (FT)
1	195	4	425.6	421.6
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NOTES:
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BASIN NO.	WATER SURFACE ELEV. WSE (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
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BASIN NO.	WATER SURFACE ELEV. WSE (FT)	ARM LENGTH (FT)	ARM DIA. (IN)	ORIFICE DIA. (IN)	TOP OF LANDING DEVICE ELEVATION (FT)	FLEXIBLE HOSE LENGTH (IN)	FLEXIBLE HOSE ATTACHMENT ELEVATION (FT)
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SKIMMER SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. ANY MALFUNCTIONING SKIMMER SHALL BE REPAIRED OR REPLACED WITHIN 24 HOURS OF INSPECTION.
ICE OR SEDIMENT BUILDUP AROUND THE PRINCIPAL SPILLWAY SHALL BE REMOVED SO AS TO ALLOW THE SKIMMER TO RESPOND TO FLUCTUATING WATER ELEVATIONS.
SEDIMENT SHALL BE REMOVED FROM THE BASIN WHEN IT REACHES THE LEVEL MARKED ON THE SEDIMENT CLEAN-OUT STAKE OR THE TOP OF THE LANDING DEVICE.
A SEMI-CIRCULAR LANDING ZONE MAY BE SUBSTITUTED FOR THE GUIDE RAILS (STANDARD CONSTRUCTION DETAIL #7-3).

