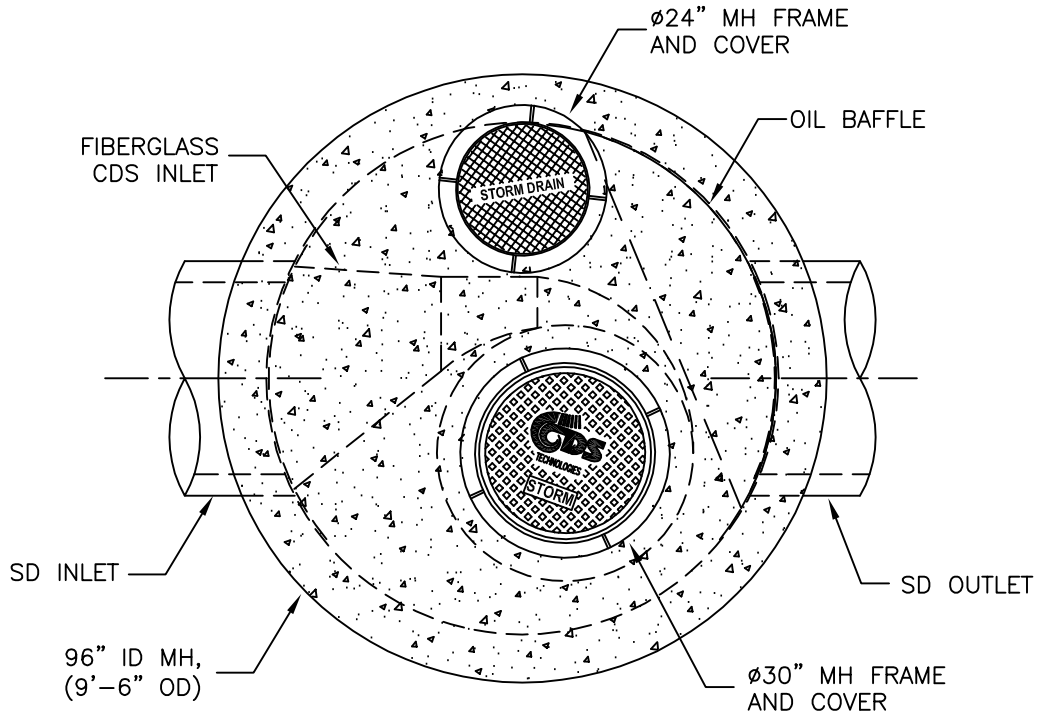


# PLAN VIEW



**NOTE:**

THE INTERNAL COMPONENTS ARE SHOWN IN THE RIGHT-HAND CONFIGURATION—THESE COMPONENTS MAY BE FURNISHED IN THE MIRROR IMAGE TO THAT SHOWN (LEFT-HAND CONFIGURATION).

## CDS MODEL PMSU40\_40 STORM WATER TREATMENT



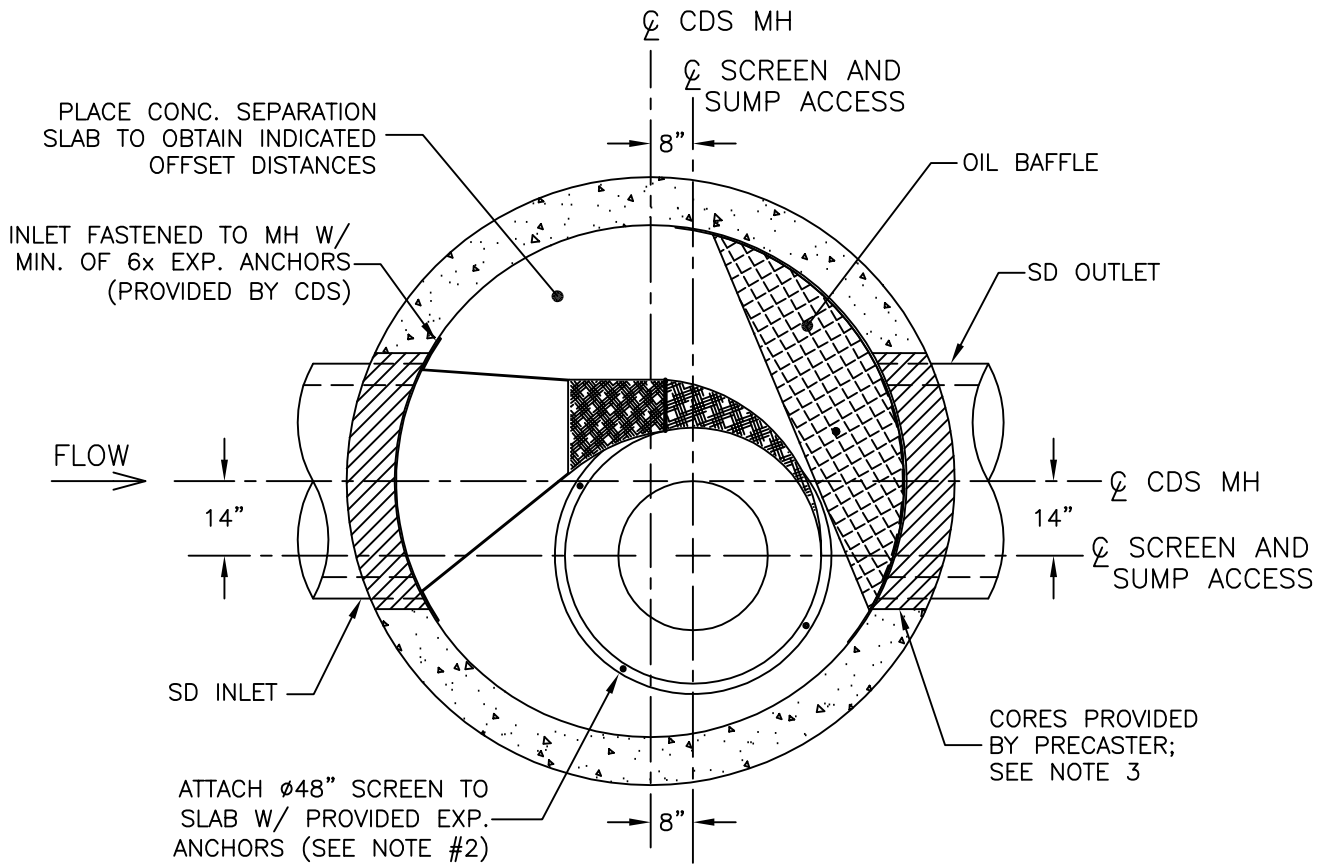
PROJECT NAME  
PROJECT LOCATION

JOB#	
DATE:	6/05
DRAWN:	
APPROV.	

SCALE  
1"=36"  
SHEET

1

# SECTION B-B



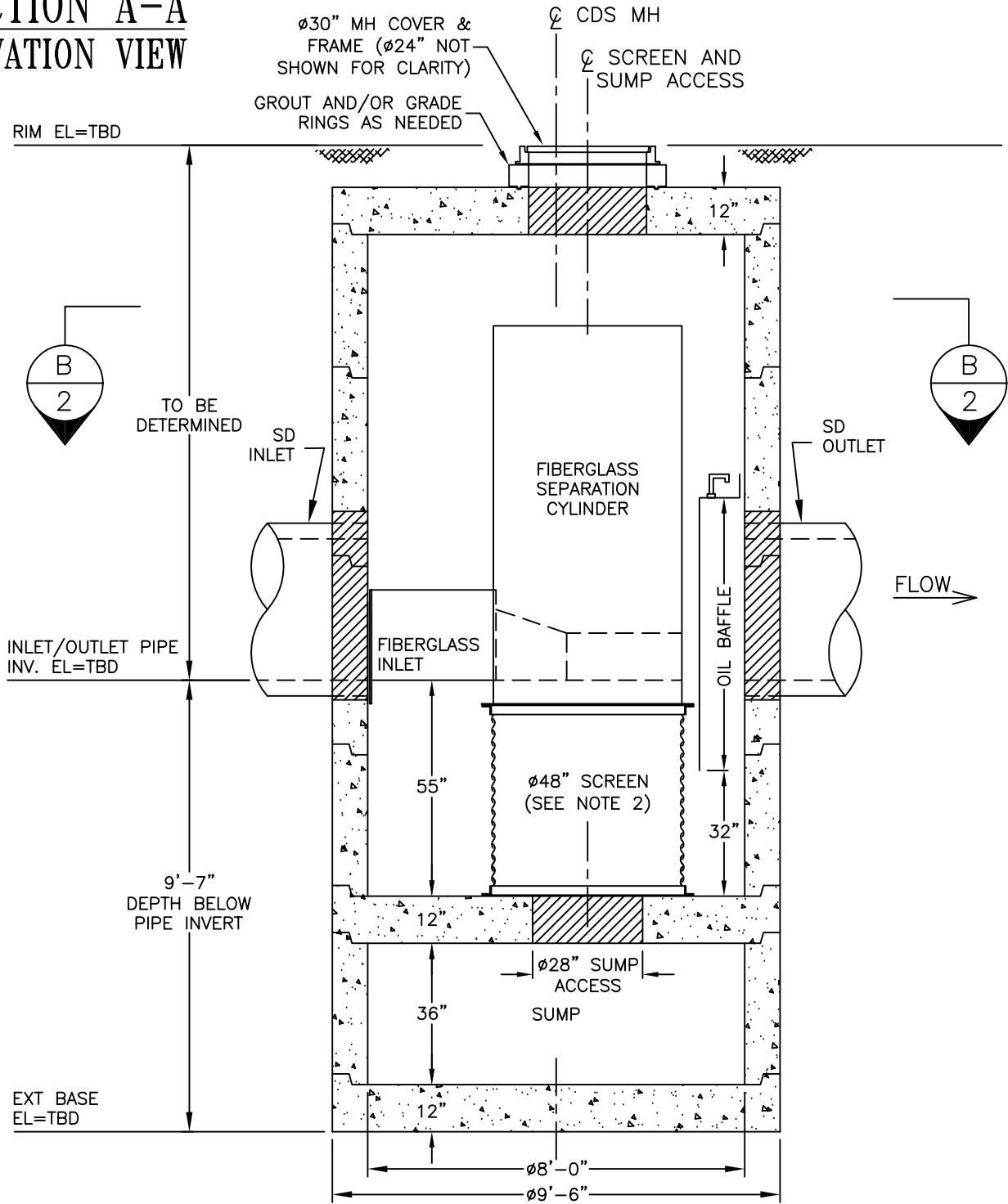
**NOTES:**

1. THE INTERNAL COMPONENTS ARE SHOWN IN THE RIGHT-HAND CONFIGURATION.
2. FOR PROPER INSTALLATION, GREEN FLANGE ON SCREEN FACES UP; RED FLANGE FACES DOWN & FASTENS TO SEPARATION SLAB.
3. OVERSIZED CORES ARE PROVIDED TO ACCOUNT FOR DIFFERENT PIPEWALL THICKNESSES—ENSURE SUFFICIENT EXCAVATION DEPTH TO ATTAIN (EXTERNAL) SUMP INVERT ELEVATION (SEE SHEET 3).

## CDS MODEL PMSU40\_40 STORM WATER TREATMENT

	<p><b>PROJECT NAME</b></p> <p><b>PROJECT LOCATION</b></p>	JOB#	SCALE 1"=36"
		DATE: 6/05	SHEET
		DRAWN:	<span style="font-size: 2em;">2</span>
		APPROV.	
16360 MONTEREY RD. SUITE 250 MORGAN HILL, CA 95037		TEL: (888) 535-7559	FAX: (408) 782-0721

# SECTION A-A ELEVATION VIEW



**NOTES:**

1. OVERSIZED CORES ARE PROVIDED TO ACCOUNT FOR DIFFERENT PIPEWALL THICKNESSES—ENSURE SUFFICIENT EXCAVATION DEPTH TO ATTAIN INDICATED (EXTERNAL) BASE ELEVATION.
2. FOR PROPER INSTALLATION, GREEN FLANGE ON SCREEN FACES UP & FASTENS TO FIBERGLASS CYLINDER FLANGE; RED FLANGE FASTENS TO SEPARATION SLAB WITH PROVIDED ANCHORS.

**CDS MODEL PMSU40\_40  
STORM WATER TREATMENT**

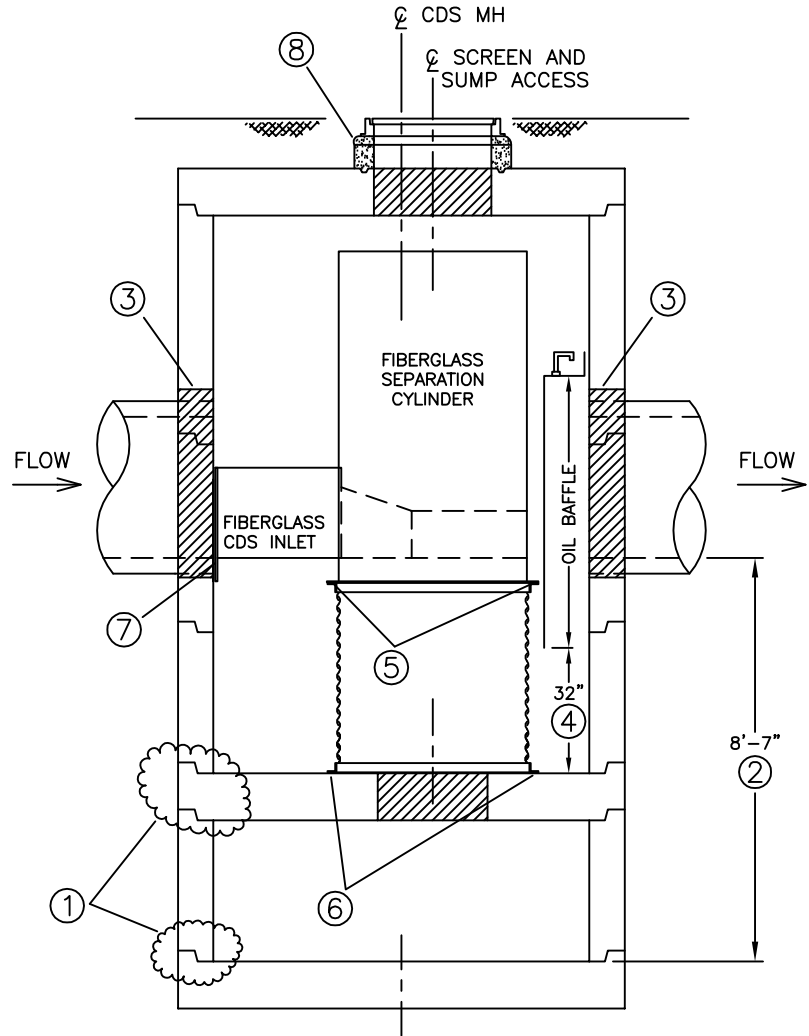


**PROJECT NAME**  
**PROJECT LOCATION**

JOB#	
DATE:	6/05
DRAWN:	
APPROV.	

SCALE  
1"=40"  
SHEET

**3**



### CONSTRUCTION NOTES:

1. APPLY BUTYL MASTIC AND/OR GROUT TO SEAL JOINTS OF MANHOLE STRUCTURE. APPLY LOAD TO MASTIC SEAL IN JOINTS OF MH SECTIONS TO COMPRESS SEALANT IF NECESSARY. UNIT MUST BE WATER TIGHT, HOLDING WATER UP TO FLOWLINE INVERT (MINIMUM).
2. PRIOR TO PLACING MORE PRECAST COMPONENTS, ENSURE 8'-7" FROM TOP OF BASE SLAB TO OUTLET PIPE AND CDS INLET INVERTS.
3. PLACE GROUT TO SEAL PIPE-MH CONNECTIONS.
4. SET BOTTOM OF OIL BAFFLE 32" ABOVE SEPARATION SLAB FLOOR; DRILL AND INSERT  $\frac{3}{8}$ " x  $3\frac{3}{4}$ " 316SS EXPANSION ANCHORS @ 12 O.C. TO SECURE BAFFLE FLANGE TO RISER WALL (HARDWARE PROVIDED BY CDS TECHNOLOGIES).
5. FASTEN FIBERGLASS CYLINDER/INLET TO SCREEN ASSEMBLY USING FOUR (4) SETS OF  $\frac{1}{2}$ " x  $1\frac{1}{2}$ " SS HEX HEAD BOLTS W/ NUTS AND WASHERS-(HARDWARE SUPPLIED BY CDS TECHNOLOGIES). IN THE LEFT-HANDED CONFIGURATION THE "RED" COLORED FLANGE ON THE SCREEN CYLINDER SHALL FACE UP. IN THE RIGHT-HANDED CONFIGURATION, THE "GREEN" COLORED FLANGE SHALL FACE UP (SEE SHEETS 1 & 2 FOR UNIT ORIENTATION).
6. VERIFY THAT SCREEN ASSEMBLY IS CENTERED OVER SUMP ACCESS HOLE AND ADJUST IF NECESSARY; FASTEN SCREEN TO SEPARATION SLAB USING FOUR (4)  $\frac{3}{8}$ " x  $3\frac{3}{4}$ " 316SS EXPANSION BOLTS-(HARDWARE PROVIDED BY CDS TECHNOLOGIES).
7. DRILL AND INSERT A MINIMUM OF SIX (6)  $\frac{3}{8}$ " x  $3\frac{3}{4}$ " 316SS EXPANSION BOLTS EQUALLY SPACED TO SECURE FIBERGLASS INLET FLANGE TO RISER WALL-(HARDWARE PROVIDED BY CDS TECHNOLOGIES).
8. PLACE GRADE RINGS AND/OR GROUT TO MATCH GRADE; SEAL AS REQUIRED.



## MISCELLANEOUS NOTES CDS MODEL PMSU40\_40

JOB#

DATE: 6/05

DRAWN:

APPROV.

SCALE  
N.T.S.  
SHEET

4