

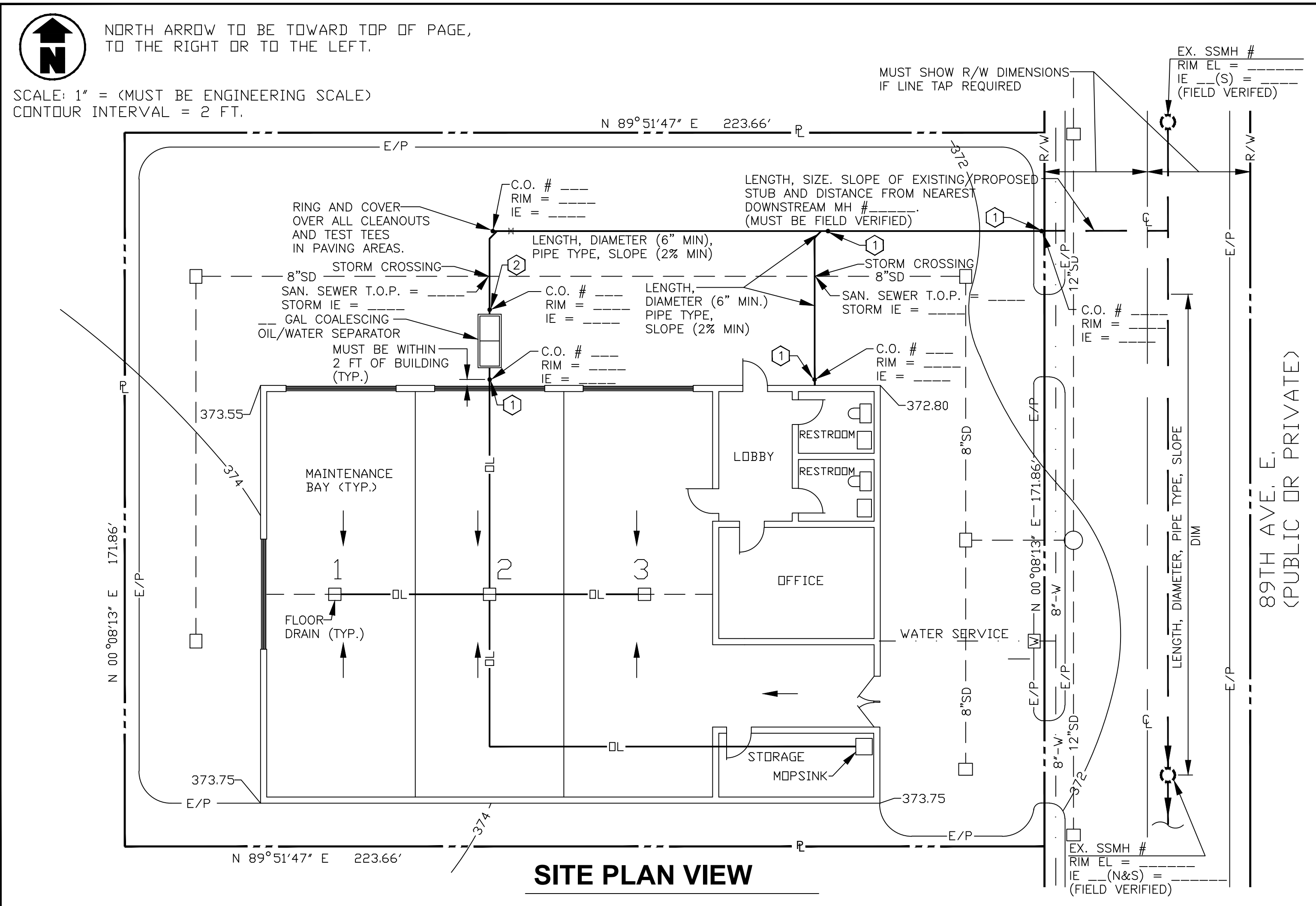
# PROJECT NAME

## SECTION \_\_\_\_\_, TOWNSHIP \_\_\_\_\_, RANGE \_\_\_\_\_

### OIL/WATER SEPARATOR STANDARD PLAN

LEAVE THIS AREA BLANK  
FOR APPROVAL STAMP  
( 1 1/2" X 5" SPACE)

THIS CONSTRUCTION PLAN WILL EXPIRE  
ONE YEAR FROM PLAN APPROVAL DATE.



(IDENTIFY PROJECT LOCATION ON MAP)  
MAP MUST INCLUDE MAJOR ARTERIAL

**VICINITY MAP** SCALE:

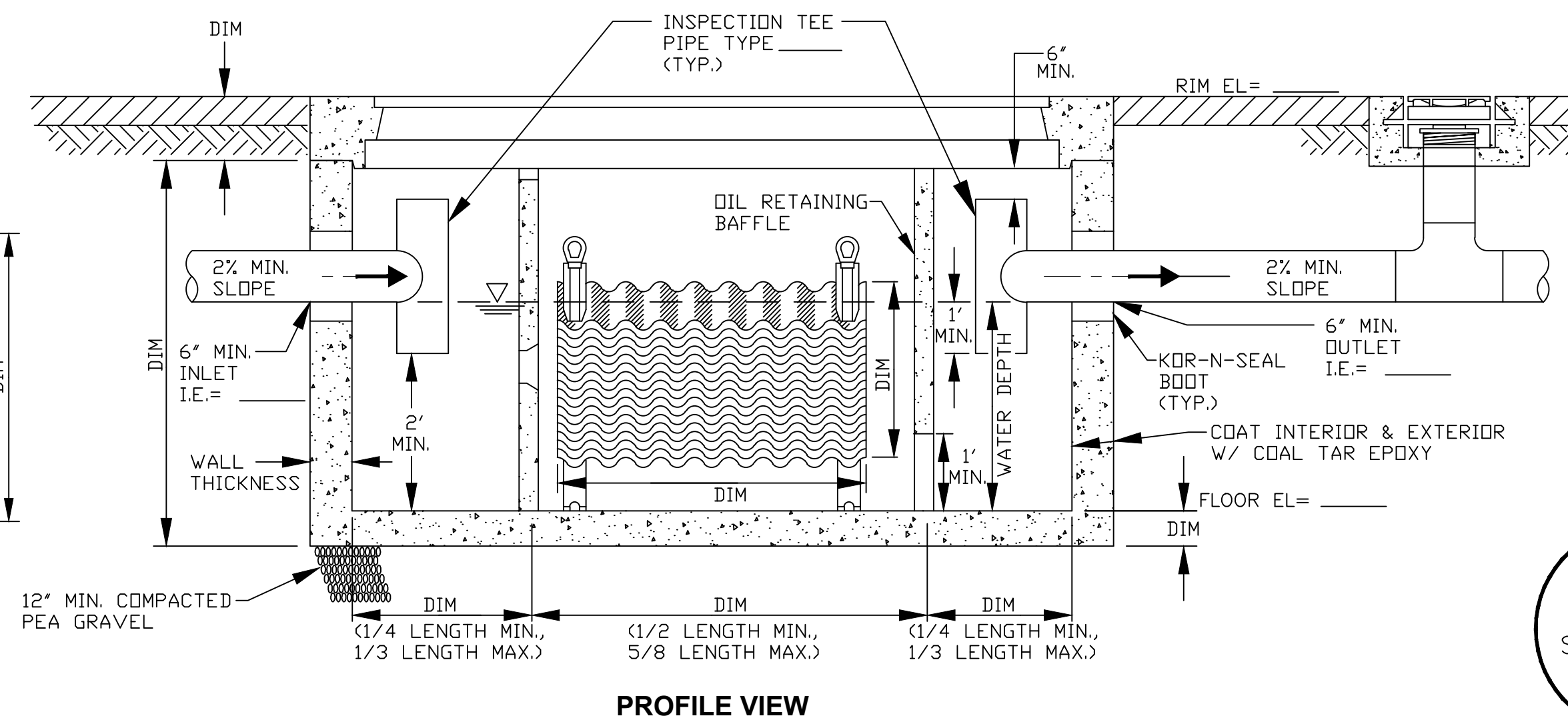
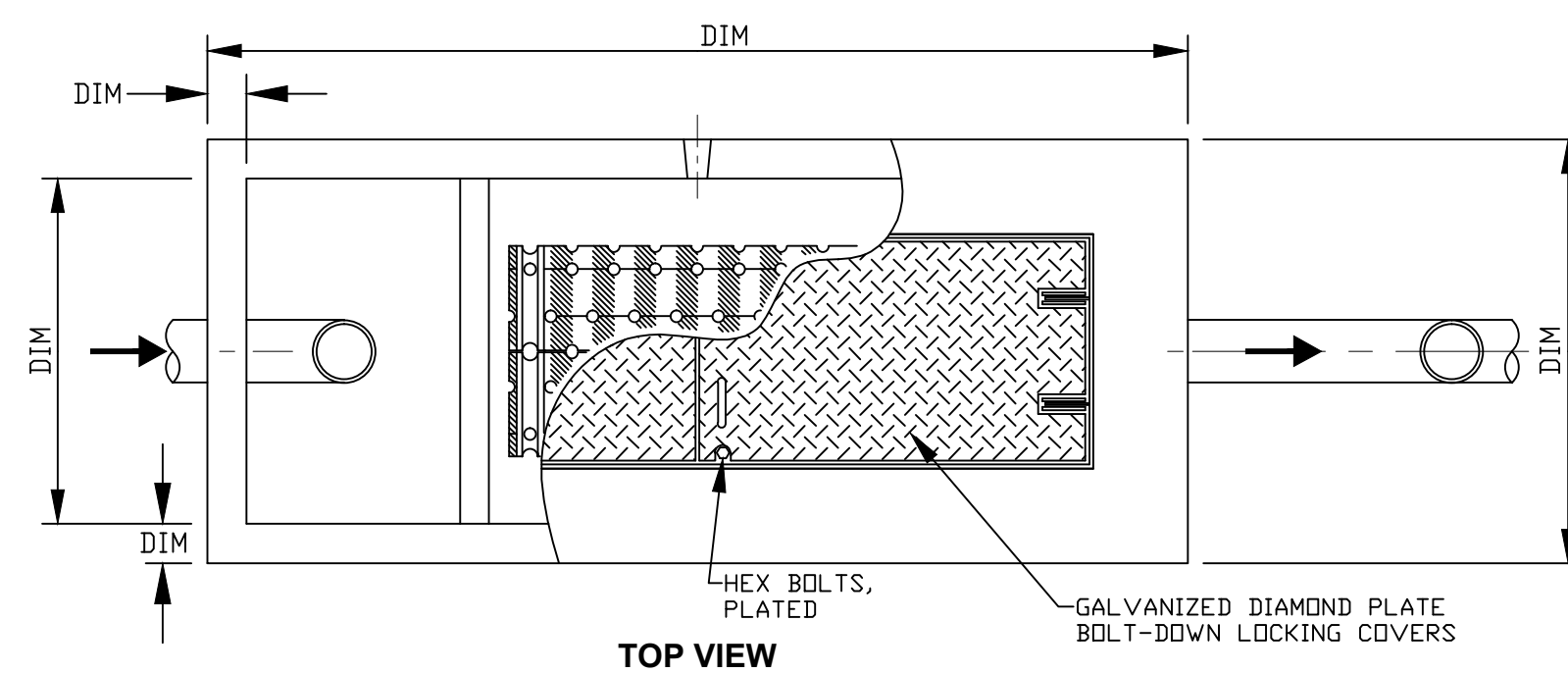
- ① DOUBLESWEEP TEE ONLY
- ② DOUBLESWEEP OR STRAIGHT TEE

**GENERAL NOTES:**

1. THE COALESCING OIL-WATER SEPARATOR AND ALL APPURTENANT CONNECTIONS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THESE APPROVED PLANS AND ALL CURRENT COUNTY CODES, STANDARD DETAILS, AND STANDARD SPECIFICATIONS.
2. THE COALESCING OIL-WATER SEPARATOR SHALL BE INSTALLED ON LEVEL UNDISTURBED SOIL WITH A MINIMUM TOTAL LOAD BEARING CAPACITY OF 2000 POUNDS PER SQUARE FOOT. THE SEPARATOR SHALL BE SET ON A LAYER OF PEA GRAVEL (PER PIERCE COUNTY SEWER UTILITY STANDARD SPECIFICATIONS) A MINIMUM OF 12 INCHES COMPACTED DEPTH.
3. THE CONTRACTOR SHALL ENSURE THAT THE COALESCING OIL-WATER SEPARATOR IS PLACED WITHOUT DROPPING OR DAMAGING IT DURING CONSTRUCTION.
4. THE COALESCING OIL-WATER SEPARATOR SHALL BE SO INSTALLED AND CONNECTED TO THE SEWER SYSTEM SUCH THAT IS EASILY ACCESSIBLE FOR INSPECTION, CLEANING (INCLUDING REMOVAL & CLEANING OF THE PLATE AND/OR REMOVAL AND REPLACEMENT OF PLATE MEDIA) AT ALL TIMES. THE COALESCING OIL-WATER SEPARATOR SHALL BE PLACED AS CLOSE AS PRACTICAL TO THE OIL SOURCE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING AND FILLING OF ANY TANKS THAT MAY BE DISCONNECTED FROM THE EXISTING SYSTEM. ALL PUMPING AND FILLING OF THE TANKS SHALL BE IN ACCORDANCE WITH TACOMA-PIERCE COUNTY HEALTH DEPARTMENT REQUIREMENTS.
6. THE SEWER LINES AND COALESCING OIL-WATER SEPARATOR SHALL REMAIN UNDER THE OWNERSHIP OF THE PROPERTY OWNERS WHO WILL BE RESPONSIBLE FOR THEIR OPERATION AND MAINTENANCE.
7. COALESCING OIL-WATER SEPARATORS LOCATED IN A PAVED AREA SHALL COMPLY WITH HS-20 LOADING STANDARDS.
8. ANY REVISIONS TO THESE PLANS, ONCE APPROVED BY PIERCE COUNTY, MUST BE REVIEWED AND RE-APPROVED BY THE PIERCE COUNTY SEWER UTILITY PRIOR TO IMPLEMENTATION IN THE FIELD.
9. THE CONTRACTOR SHALL BE REGISTERED WITH THE PIERCE COUNTY SEWER UTILITY AND HAVE A VALID \$5,000.00 STREET OBSTRUCTION BOND.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS, EASEMENTS AND RELEASES.
11. THE CONTRACTOR, DESIGN ENGINEER AND THE OWNER SHALL ATTEND A MANDATORY PRECONSTRUCTION CONFERENCE A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST OBTAIN AN ISSUED SEWER SERVICE PERMIT PRIOR TO SCHEDULING THE PRECONSTRUCTION CONFERENCE.
12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A SET OF THESE APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
13. A PIERCE COUNTY BUILDING DEPARTMENT PLUMBING PERMIT IS REQUIRED FOR ALL INTERNAL PLUMBING CHANGES (EXISTING STRUCTURES ONLY) FOR PROPERTIES WITHIN UNINCORPORATED PIERCE COUNTY.
14. VENTING OF THE COALESCING OIL-WATER SEPARATOR SHALL BE IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED VERSION OF THE UNIFORM PLUMBING CODE.
15. ALL BUILDING SEWER INSTALLATION MUST COMPLY WITH PIERCE COUNTY PUBLIC WORKS AND UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS. ALL POLYVINYL CHLORIDE (PVC) PIPE SHALL HAVE A MINIMUM OF FIVE (5) FEET COVER UNDER A DRIVING SURFACE. A MINIMUM OF THREE (3) FEET OF COVER IS ACCEPTABLE UNDER A DRIVING SURFACE IF CLASS 52 DUCTILE IRON PIPE IS USED OR THE SEWER UTILITY INSPECTOR MAY ALSO APPROVE LIMITED USE OF CONCRETE ENCASED PVC IN LIEU OF DUCTILE IRON PIPE.
16. PARALLEL WATER AND SEWER LINES SHALL HAVE A MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION.
17. ALL UTILITIES CROSSING SEWER LINES MUST HAVE PROPER VERTICAL CLEARANCE. THE STANDARD VERTICAL SEPARATION FOR WATER LINES IS THREE (3) FEET ABOVE THE SEWER LINE AND 1.5 FEET FOR ALL OTHER UTILITIES. CONCRETE ENCASEMENT OF SEWER LINES WILL BE PERMITTED FOR WATER MAINS CROSSING AT LESS THAN THREE (3) FEET BUT NO CLOSER THAN 1.5 FEET. THE SANITARY SEWER ENCASEMENT SHALL BE TEN (10) FEET ON EACH SIDE OF THE CROSSING.

EFFLUENT QUALITY: 10 PPM (MAX.)

MANUFACTURER: \_\_\_\_\_  
MODEL# \_\_\_\_\_ SIZE \_\_\_\_\_ GALLONS  
MAXIMUM PROCESS FLOW \_\_\_\_\_ GPM  
PLATE AREA \_\_\_\_\_ SF



SITE ADDRESS:

PROVIDE SOURCE OF TOPOGRAPHY  
AND ON-SITE BENCH MARKS.

PARCEL NUMBER(S):

DATUM - PROVIDE LOCATION AND  
ELEVATION (NO EXCEPTIONS)  
N.O.A.A. (U.S.C.G.S./  
PIERCE COUNTY).

ENGINEER  
STAMP  
SIGNATURE  
AND DATE

NO.	REVISION	DATE	APPD.
CONTACT PERSON OWNER ADDRESS TELEPHONE			
ENGINEER OR FIRM NAME: ADDRESS AND PHONE NUMBER (PLANS TO BE STAMPED, SIGNED & DATED BY PROFESSIONAL ENGINEER)			
DESIGN	DRAWN	CHECKED	JOB NO. APPD. BY
HORIZ: SCALE:		DATE	SHT. OF SHTS.
VERT:			