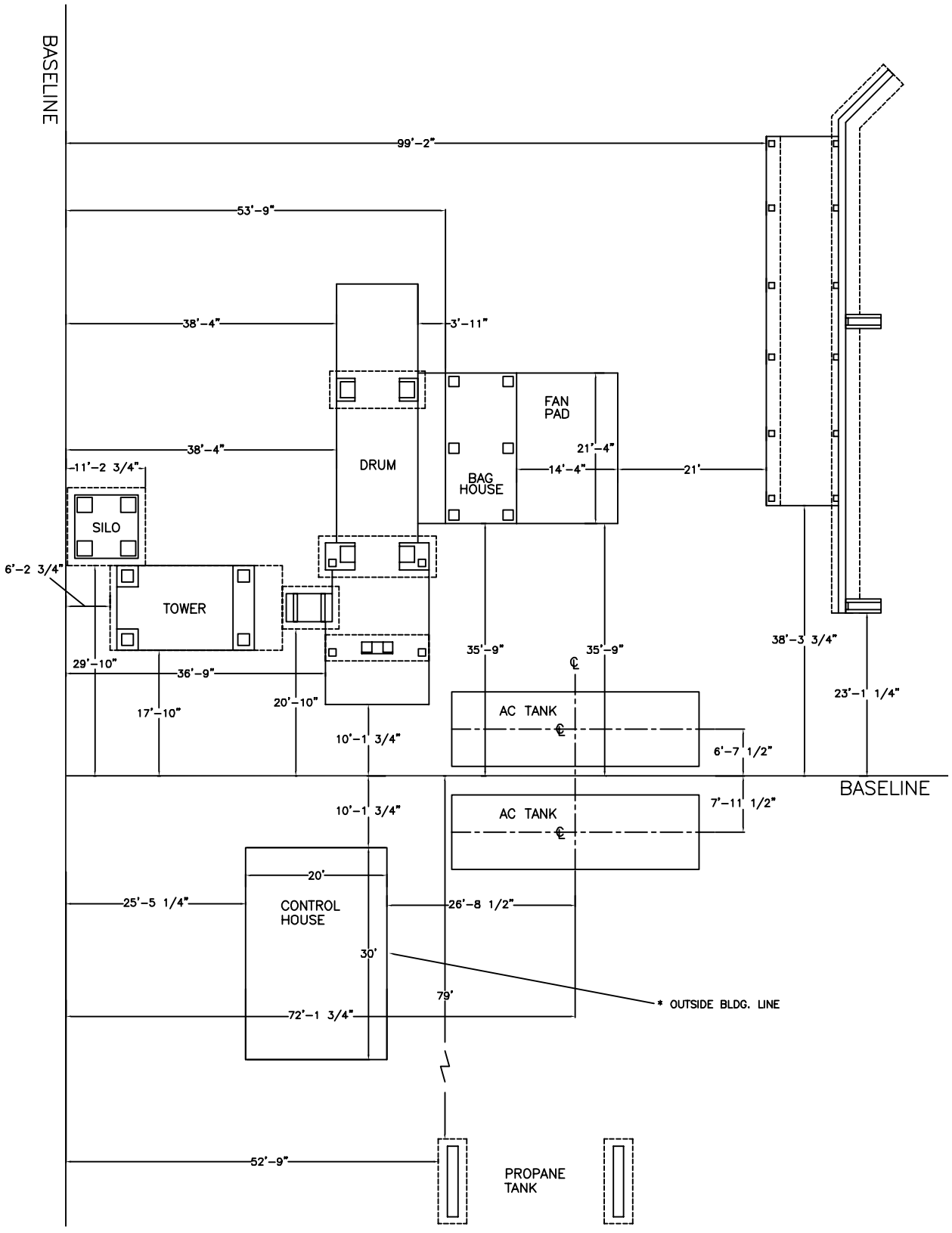
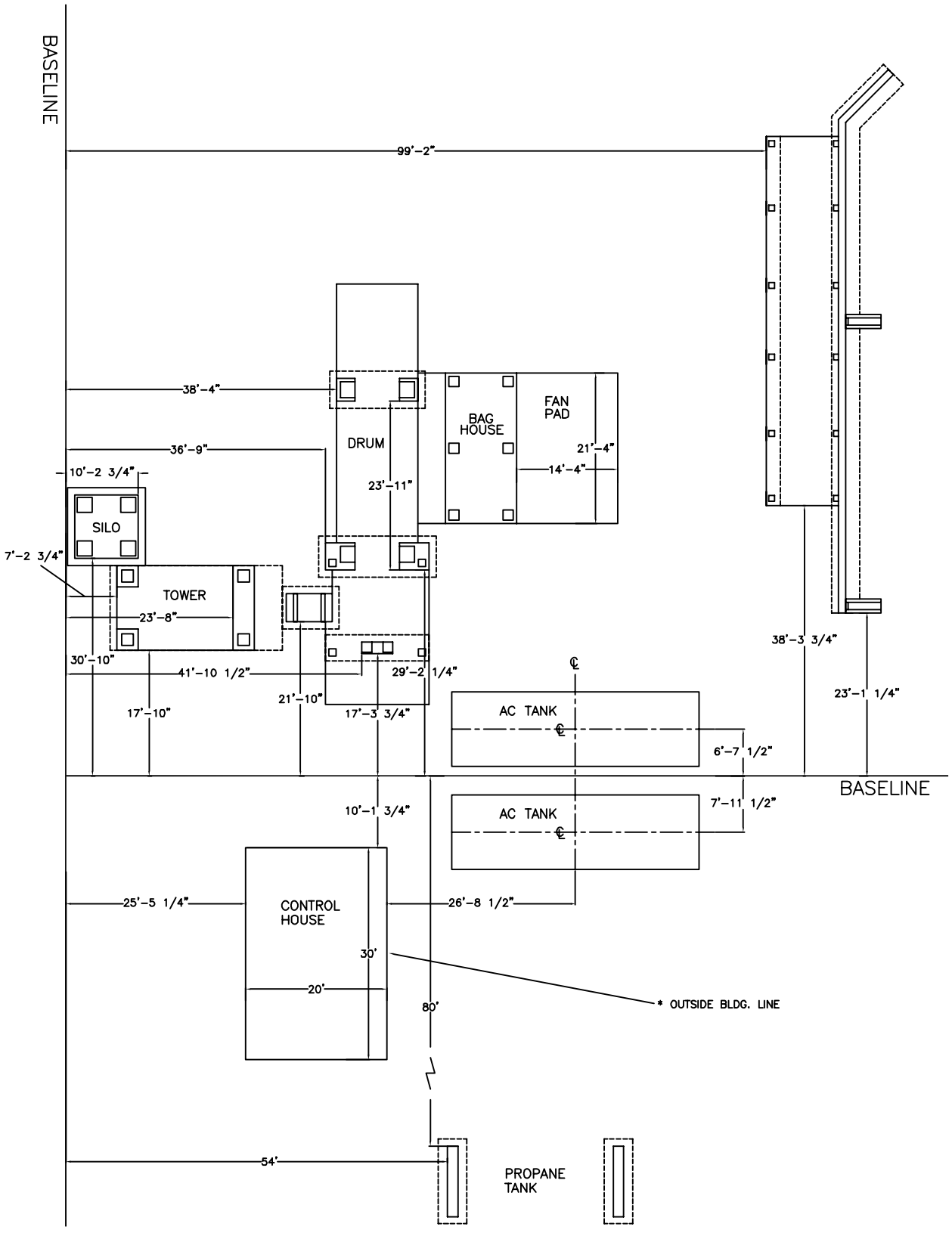
ASPHALT PLANT LAYOUT

FOOTER PLAN



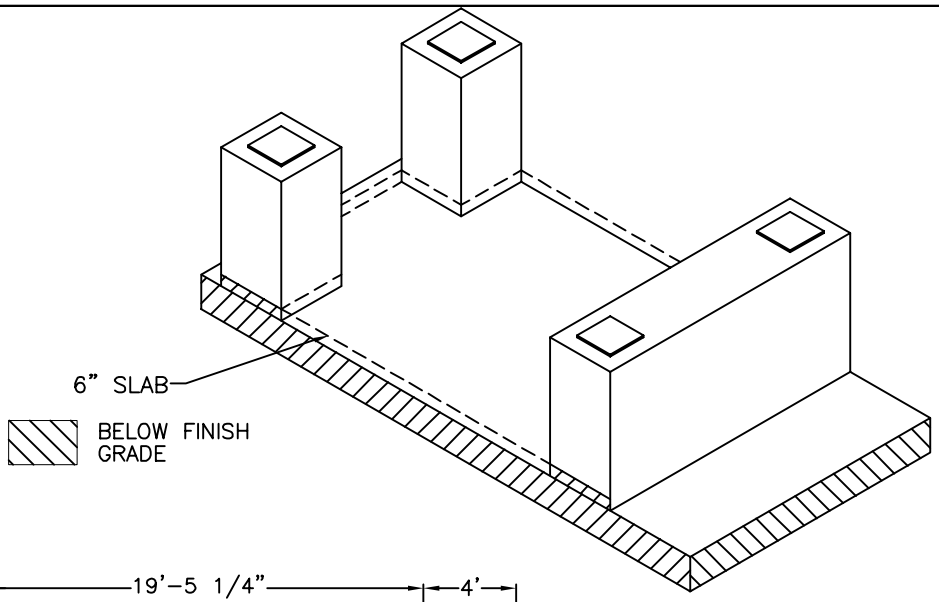
ASPHALT PLANT LAYOUT

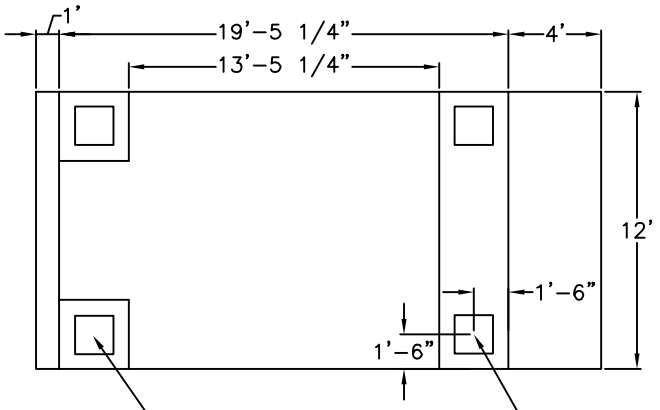
PIER PLAN



ASPHALT PLANT LAYOUT

TOWER





20" x 20" x 1" BEARING PLATE TO BE CENTERED ON BOTH PIERS

CENTER OF 20" x 20" x 1" BEARING PLATE (TYP. 2 PLACES)

TOP VIEW

REINFORCING:

FOOTERS:

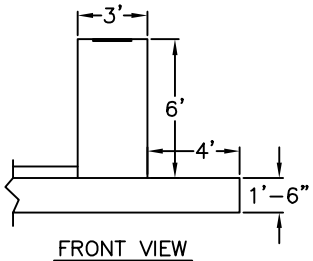
2 MATS #6 REBAR
9" OC EW

PIERS:

3 VERTICAL MATS
#6 REBAR 9" OC EW
HORIZONTAL BAND 18" OC

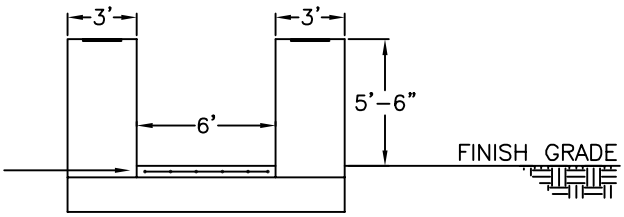
SLAB:

6 x 6 x 4/4 WWM MAT



FRONT VIEW

6" FINISH SLAB
W/ 6 X 6 X 4/4 WWM



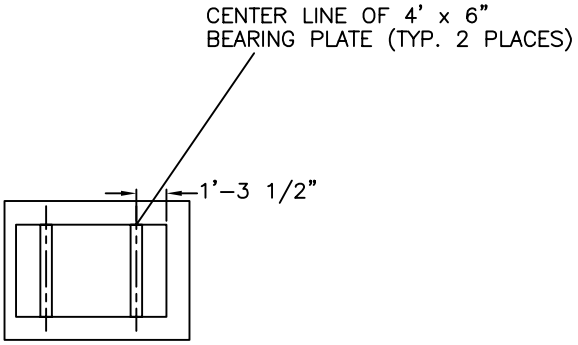
SIDE VIEW

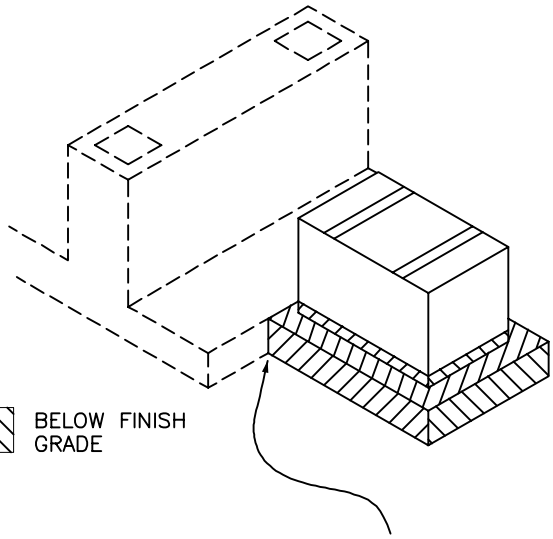
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"

* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

ELEVATOR



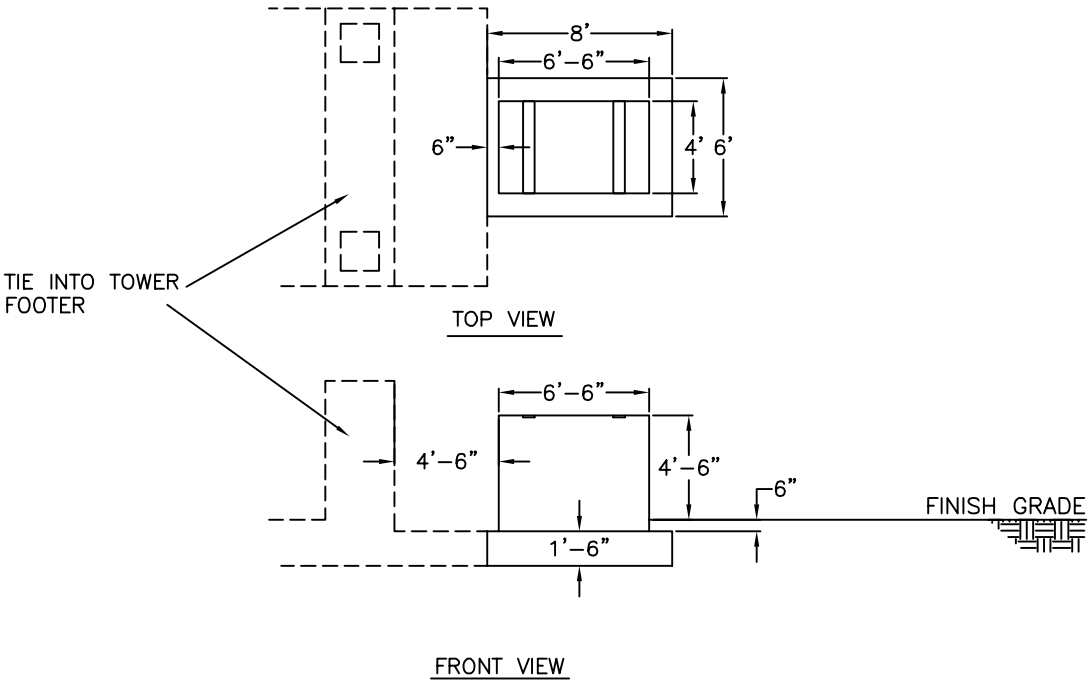


PIER REINFORCING:

REINFORCING CAGE WITH 4 VERTICAL MATS OF #5 REBAR 1' OC EW

FOOTER REINFORCING:

2 MATS OF #6 REBAR
1' OC EW

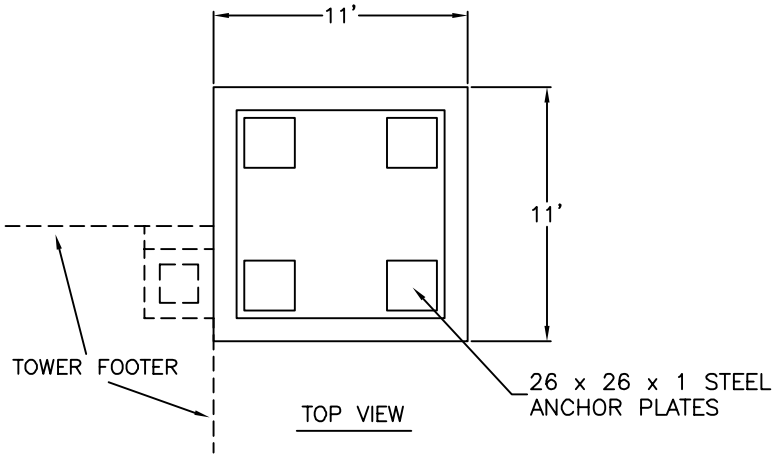


* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"

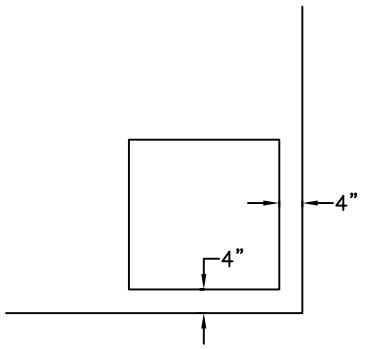
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

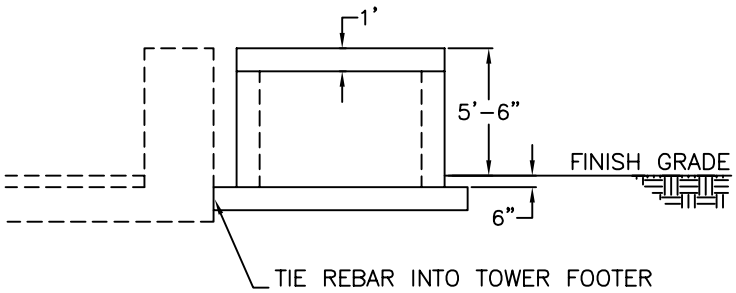
MINERAL FILL SILO FOUNDATION & SUPPORTS



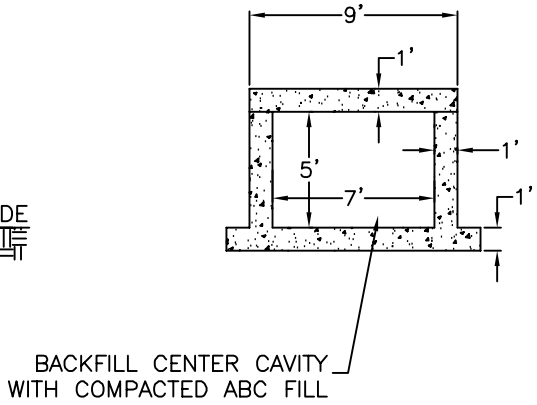
TOP VIEW



ANCHOR PLATE LOCATION DIAGRAM
(TYPICAL FROM EACH CORNER)



FRONT VIEW



SECTION VIEW

CAP REINFORCING:

2 MATS OF #5 REBAR 1' OC EW

ALL VERTICAL REBAR FOR WALL SHALL EXTEND THRU TOP OF WALL POUR AND BE BENT INTO BOTTOM REINFORCING MAT FOR STRUCTURAL SLAB

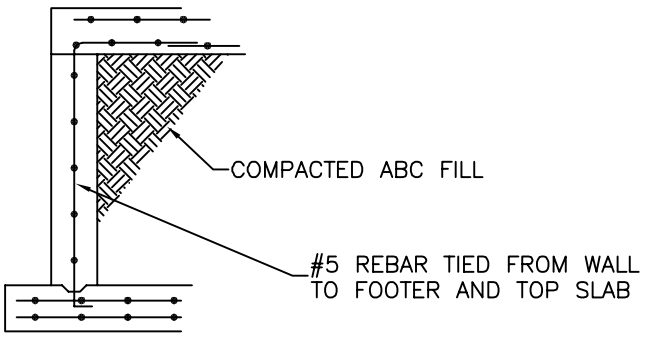
WALL REINFORCING:

1 MAT OF #5 REBAR 1' OC EW

FOOTER REINFORCING:

2 MATS OF #5 REBAR 1' OC EW

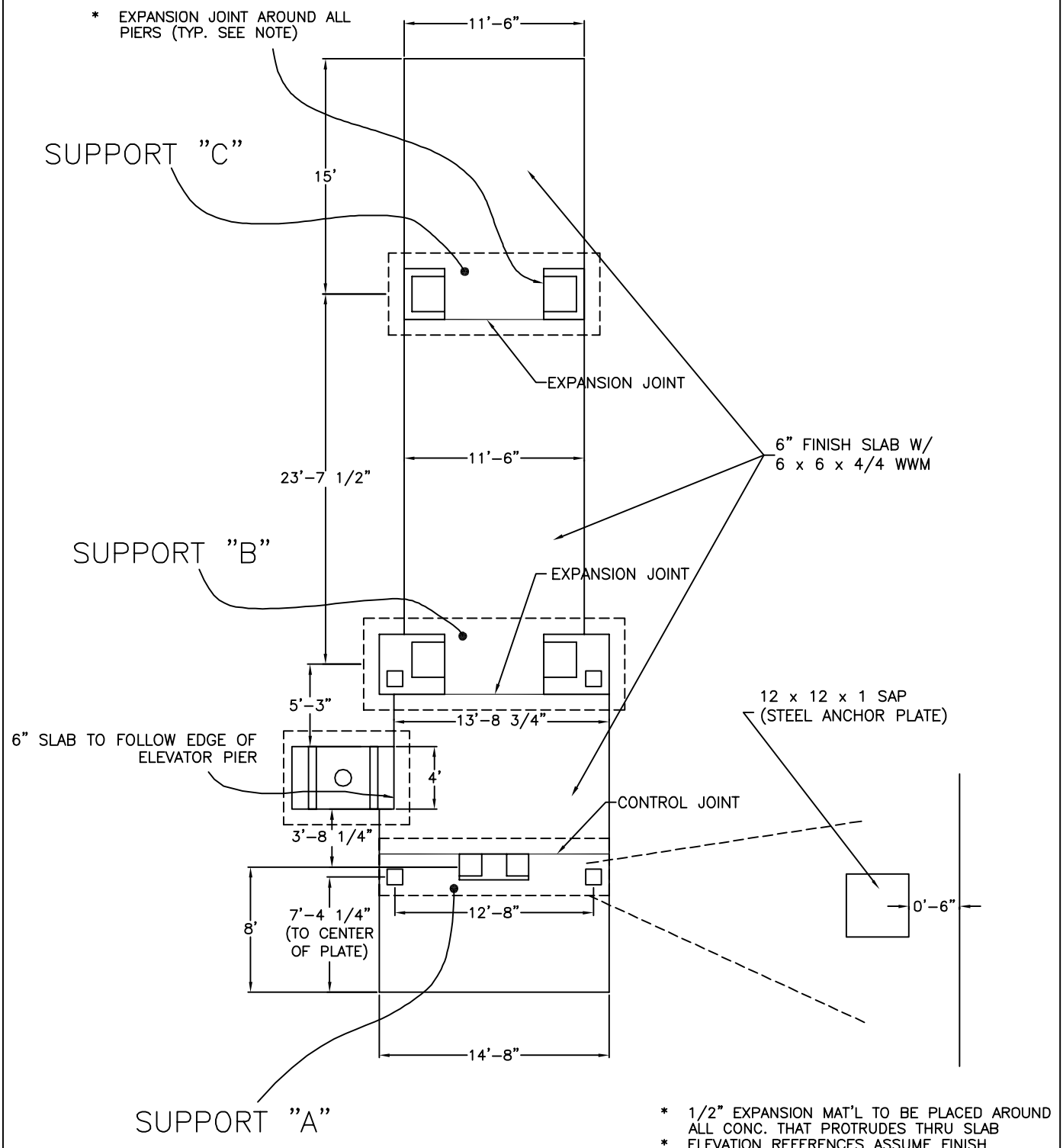
ALL VERTICAL REBAR FOR WALL SECTION TO BE TIED INTO FOOTER BEFORE FOOTER POUR



* TYP. CHAMFER EDGE ON ALL OS CORNERS
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

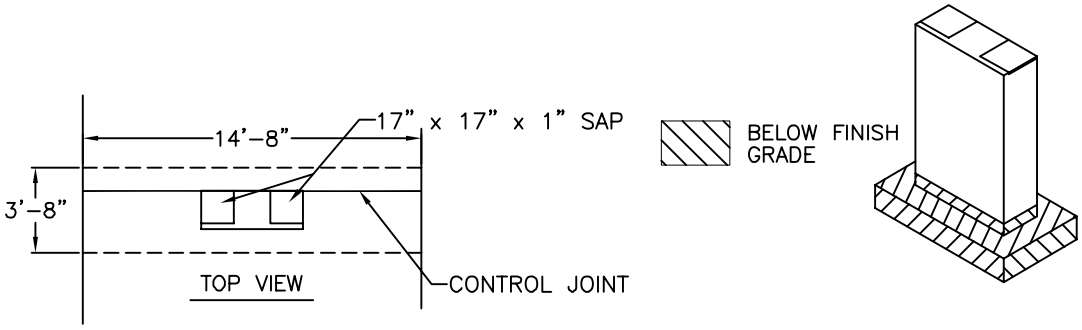
DRUM/ELEVATOR SUPPORT PLAN

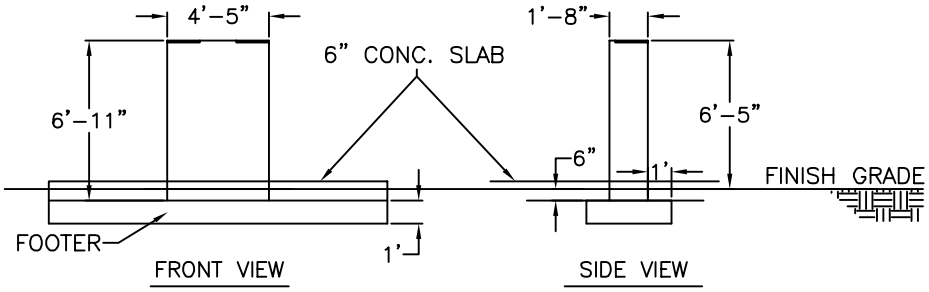


* 1/2" EXPANSION MAT'L TO BE PLACED AROUND ALL CONC. THAT PROTRUDES THRU SLAB
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

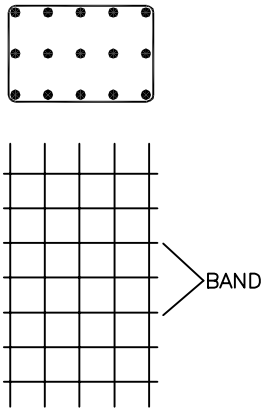
ASPHALT PLANT LAYOUT

DRUM SUPPORT "A"





SUPPORT "A"



REINFORCING:

FOOTERS:

2 MATS #6 REBAR
9" OC EW

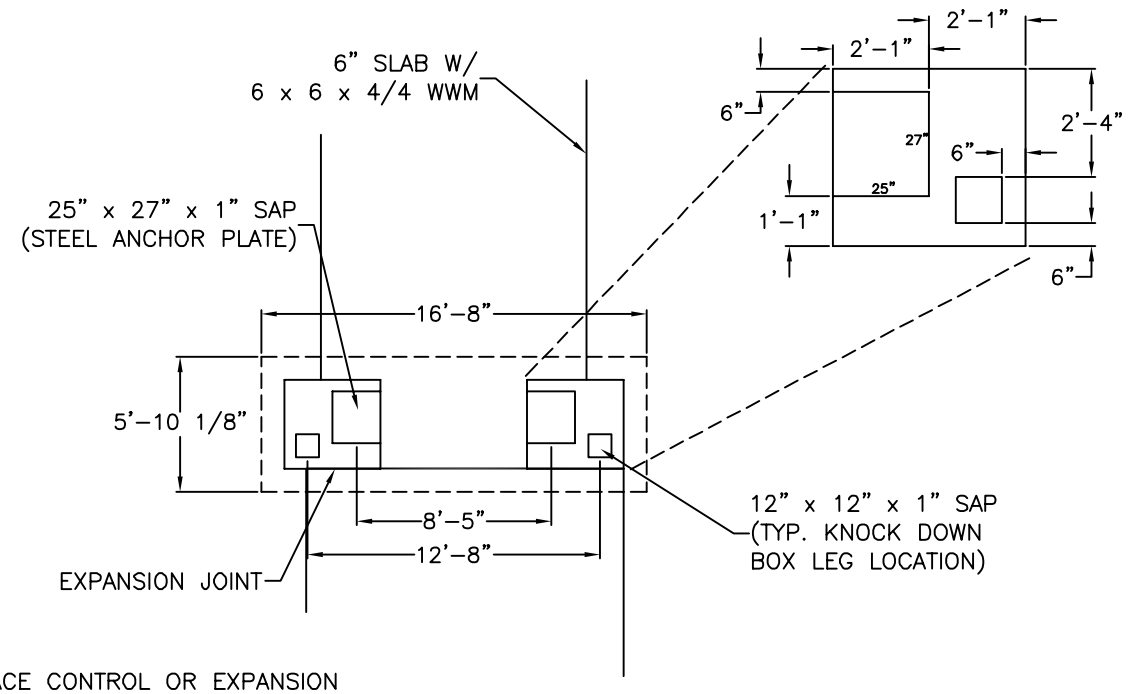
PIERS:

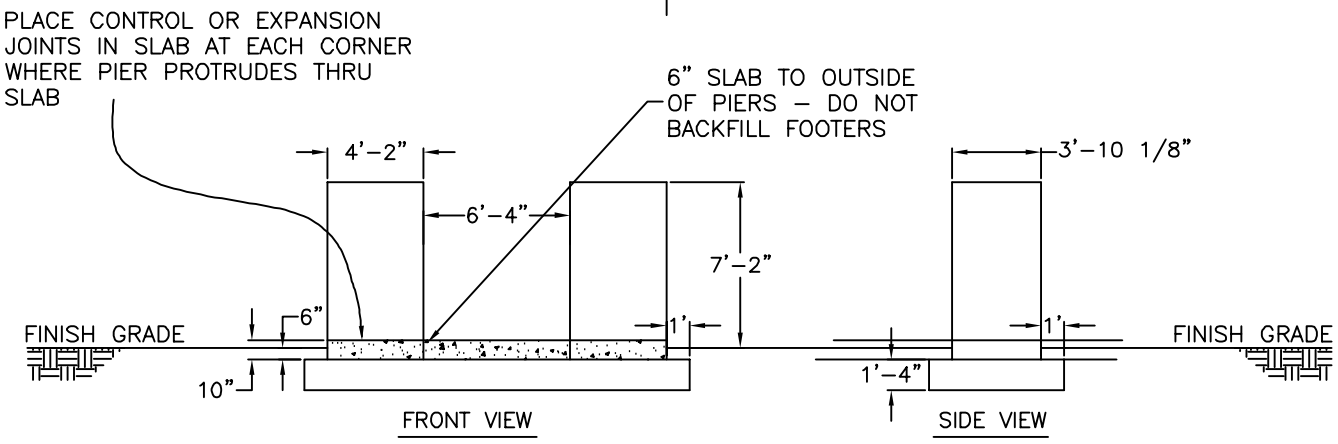
3 VERTICAL MATS
#5 REBAR 9" OC EW
HORIZONTAL BAND 18" OC

* 1/2" EXPANSION MAT'L TO BE PLACED AROUND ALL CONC. THAT PROTRUDES THRU SLAB
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

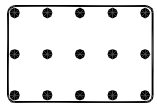
ASPHALT PLANT LAYOUT

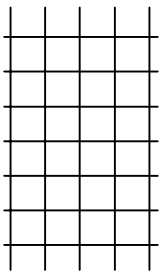
DRUM/KNOCK DOWN BOX SUPPORT (SUPPORT "B")





DRUM/KNOCK DOWN BOX SUPPORT
(SUPPORT "B")





REINFORCING:

FOOTERS:

2 MATS #6 REBAR
1' OC EACH WAY

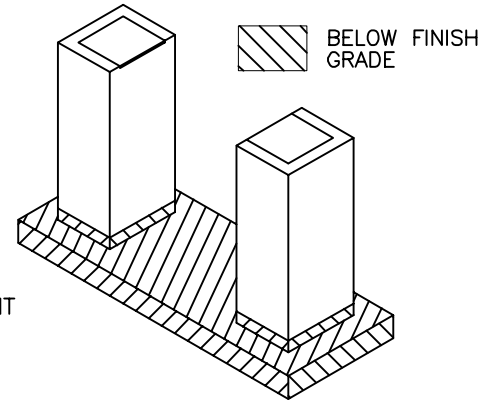
PIERS:

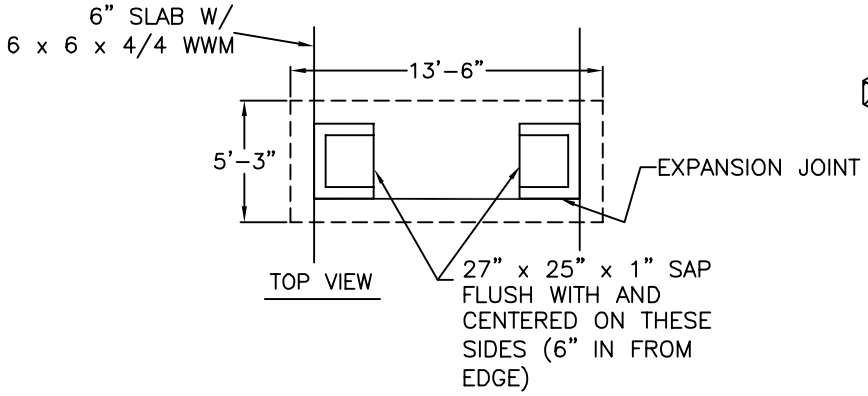
3 VERTICAL MATS
#5 REBAR 1' OC EACH WAY

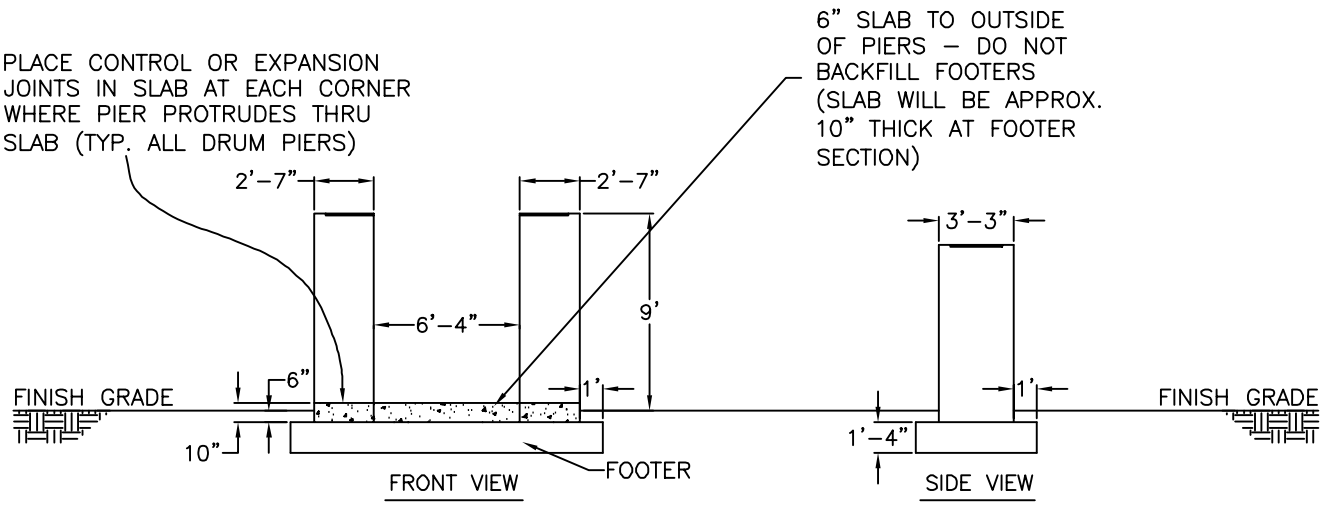
* 1/2" EXPANSION MAT'L TO BE PLACED AROUND ALL CONC. THAT PROTRUDES THRU SLAB
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

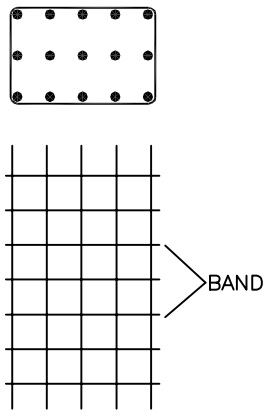
DRUM SUPPORT "C"







SUPPORT "C"



REINFORCING:

FOOTERS:

2 MATS #6 REBAR
9" OC EW

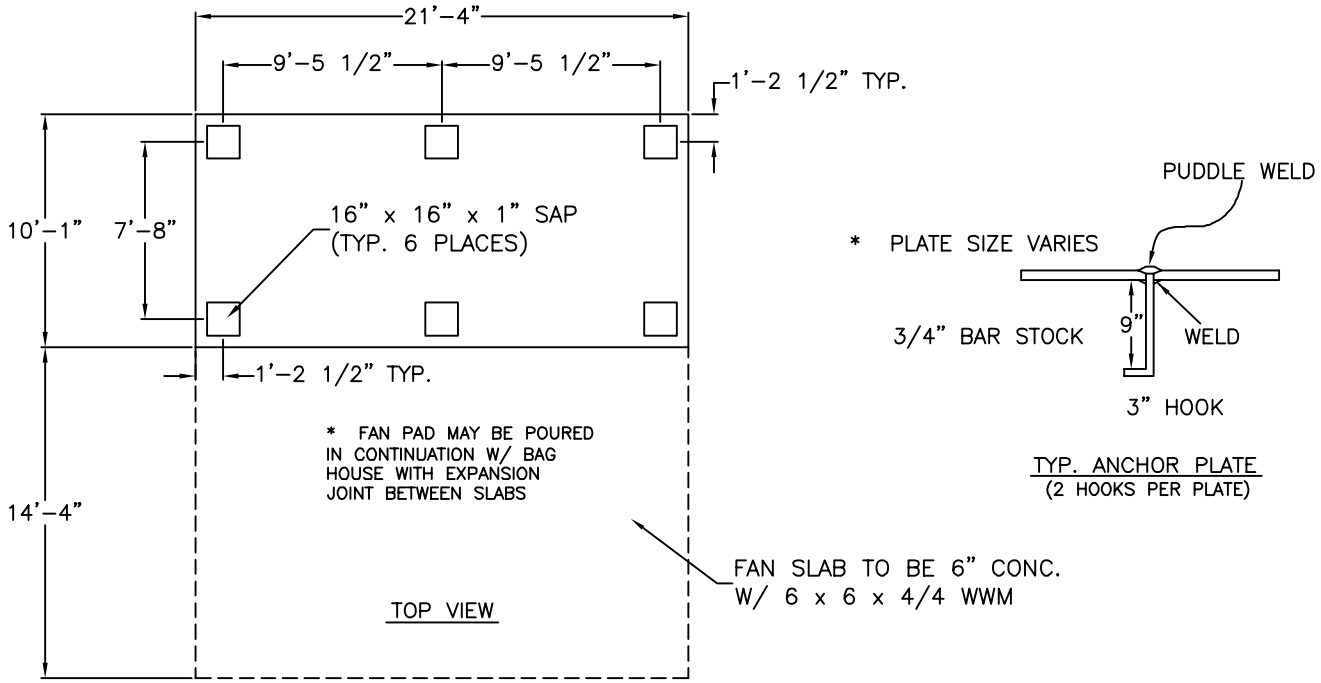
PIERS:

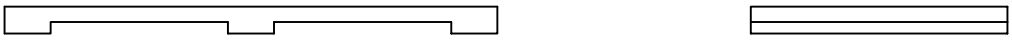
3 VERTICAL MATS
#5 REBAR 9" OC EW
HORIZONTAL BAND 18" OC

* 1/2" EXPANSION MAT'L TO BE PLACED AROUND ALL CONC. THAT PROTRUDES THRU SLAB
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

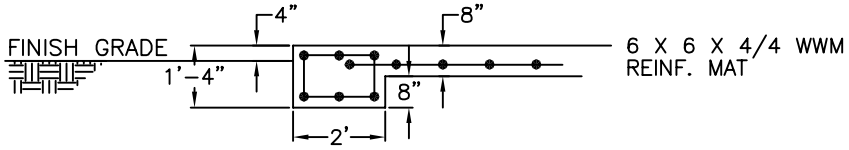
BAG HOUSE / FAN PAN





FRONT VIEW
(BAG HOUSE ONLY)

SIDE VIEW
(BAG HOUSE ONLY)

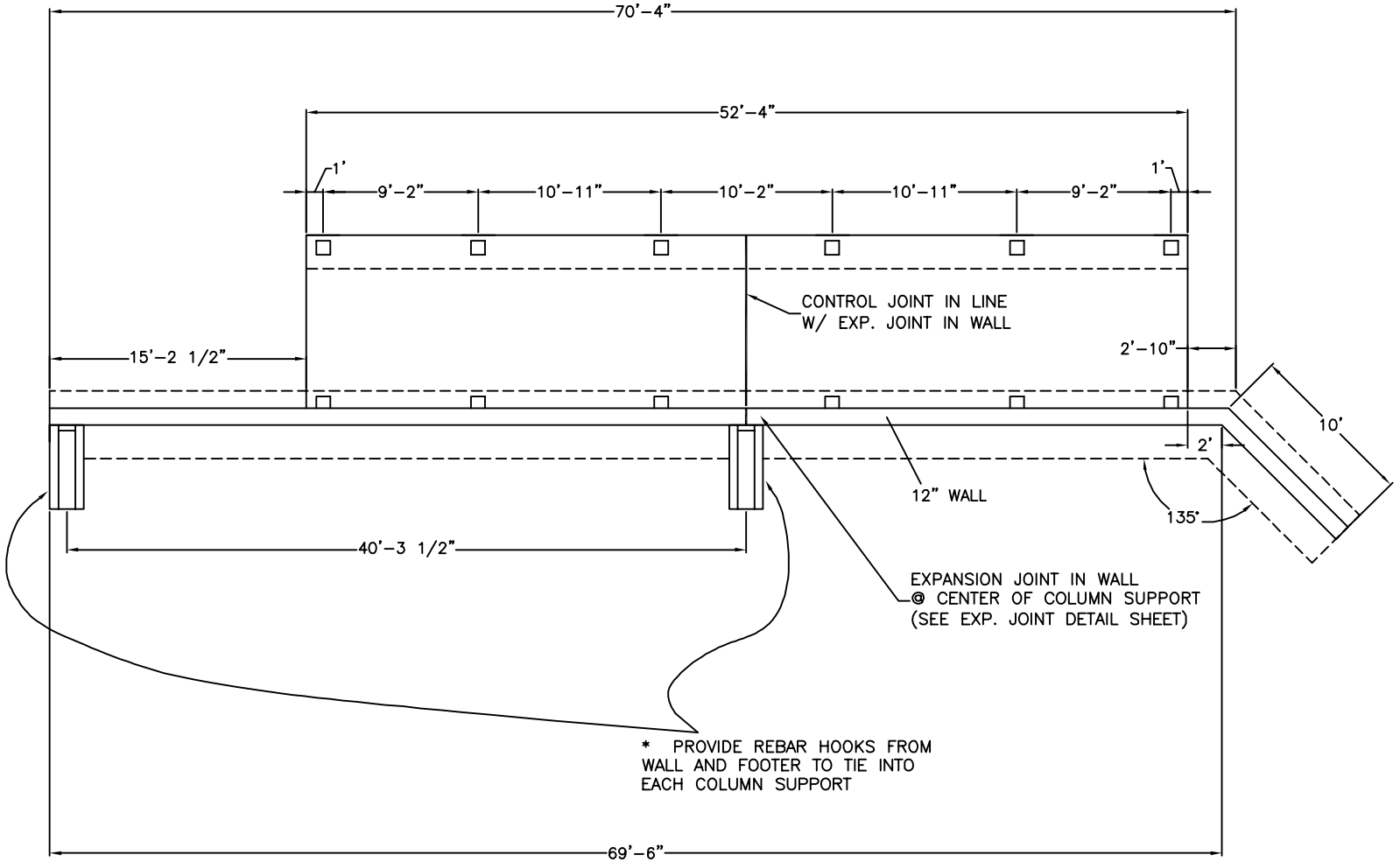


TURNED DOWN FOOTER DETAIL
(BAG HOUSE ONLY)

* FAN PAD MAY BE POURED IN CONTINUATION WITH BAG HOUSE W/ EXPANSION JOINT BETWEEN THE SLABS
* ALL REBAR TO BE PLACED MIN. 3" FROM FORM OR TOP OF SLAB OR STRUCTURE
* TOP OF SLAB – 4" ABOVE FINISH GRADE
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'–0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

COLD FEED FOUNDADTION PLAN

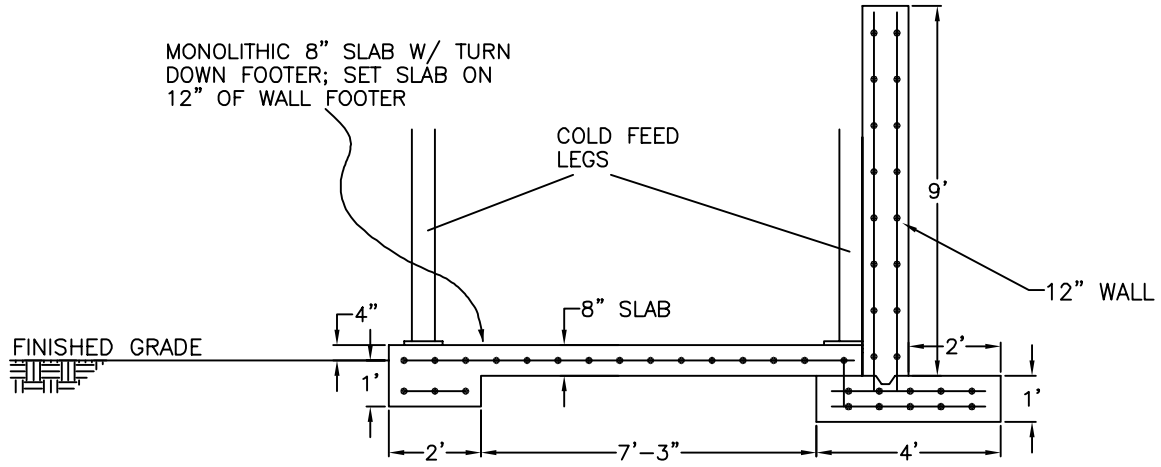


* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

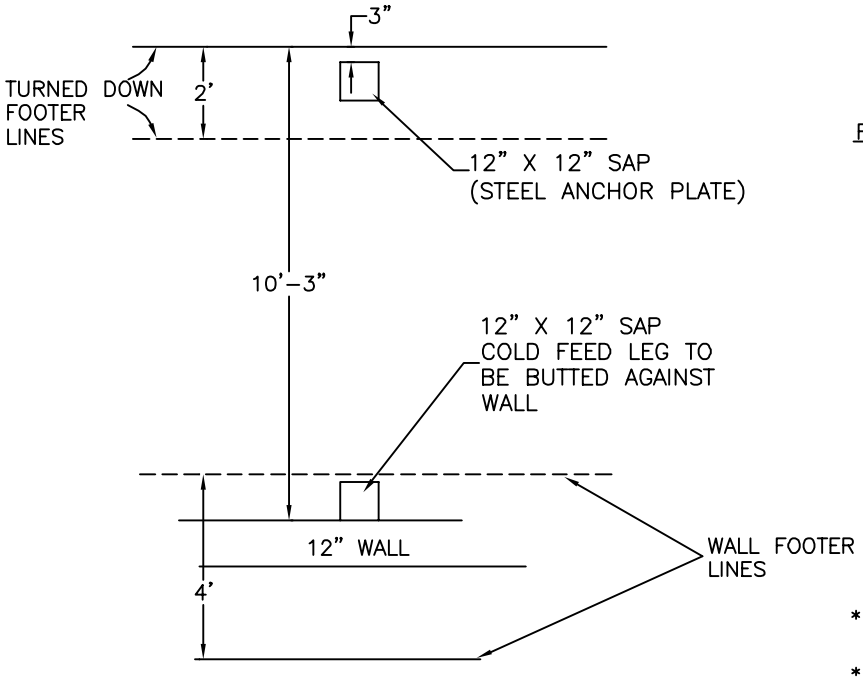
ASPHALT PLANT LAYOUT

COLD FEED BINS AND RETAINING WALL

* PLACE 6 HOOK BARS IN WALL FACE TO WELD TO COLD FEED LEGS – BARS TO BE PLACED 7' ABOVE TOP OF FOOTER AND OFFSET 4" FROM CENTERLINE OF EACH LEG LOCATION
* PLACE 5 HOOK REBARS IN WALL FOOTER TO TIE INTO 8" SLAB
* COLD ROLLED STEEL SHALL BE USED FOR HOOKS



* TIE COLUMN FOOTING TO RETAINING WALL FOOTING



REBAR:

FOOTER = 2 HORZ. MATS – #6 REBAR 12" OC EW

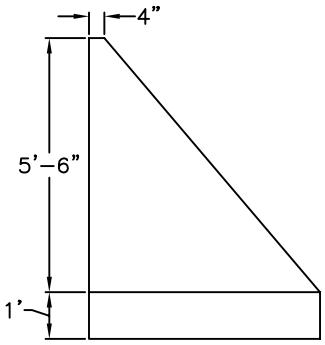
SLAB = 6 x 6 x 4/4 WWM

WALL = 2 VERT. MATS – #5 REBAR 12" OC EW

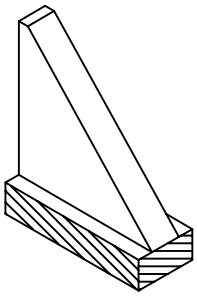
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'–0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

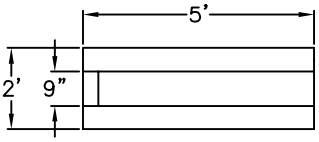
ASPHALT PLANT LAYOUT

RETAINING WALL COLUMN SUPPORT



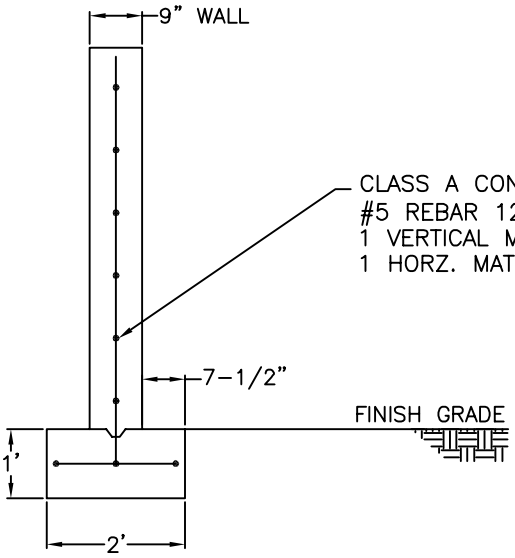
* TIE COLUMN SUPPORTS TO WALL + WALL FOOTER WITH REBAR HOOKS





BELOW FINISH GRADE

COLUMN SUPPORT



* TIE COLUMN FOOTING TO RETAINING WALL FOOTING

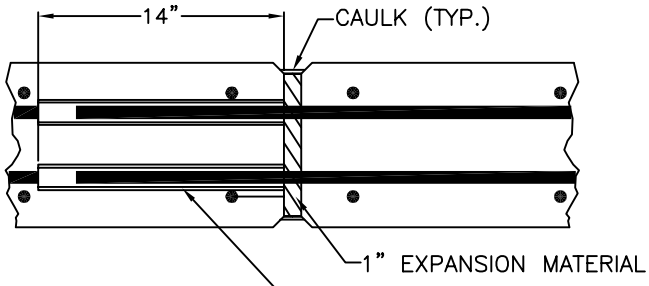
COLUMN SUPPORT DETAIL

* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'–0"

* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

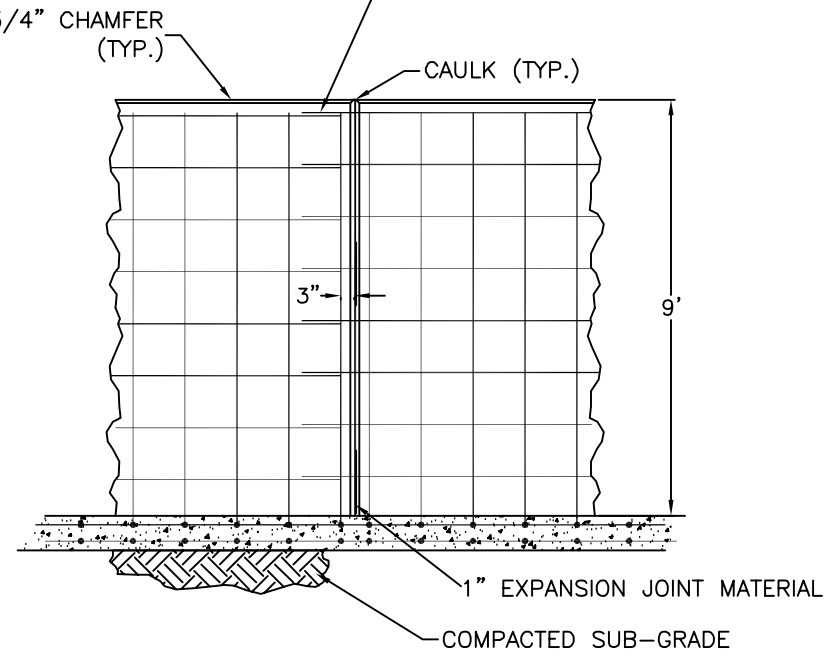
RETAINING WALL EXPANSION JOINT DETAIL



TOP VIEW CROSS–SECTION

NOTE:
CONCRETE TO BE
3000 P.S.I.

#5 REBAR EXTENDED INTO
ADJOINING WALL (TYP.)
WITH 14" SLEEVES TO ALLOW
EXPANSION & CONTRACTION
12" O.C. (TYP. HORIZONTAL SPACING)

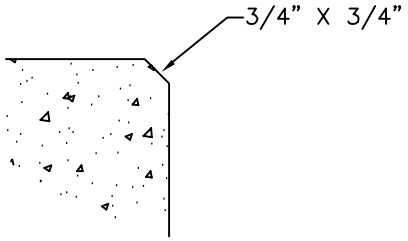


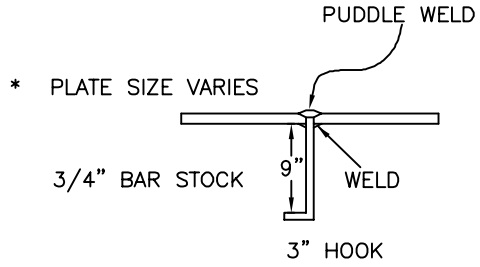
TYPICAL CONCRETE EXPANSION JOINT

ASPHALT PLANT LAYOUT

GENERAL NOTES AND DETAILS

TYP. CHAMFER EDGE ON ALL EXPOSED CORNERS ABOVE GRADE





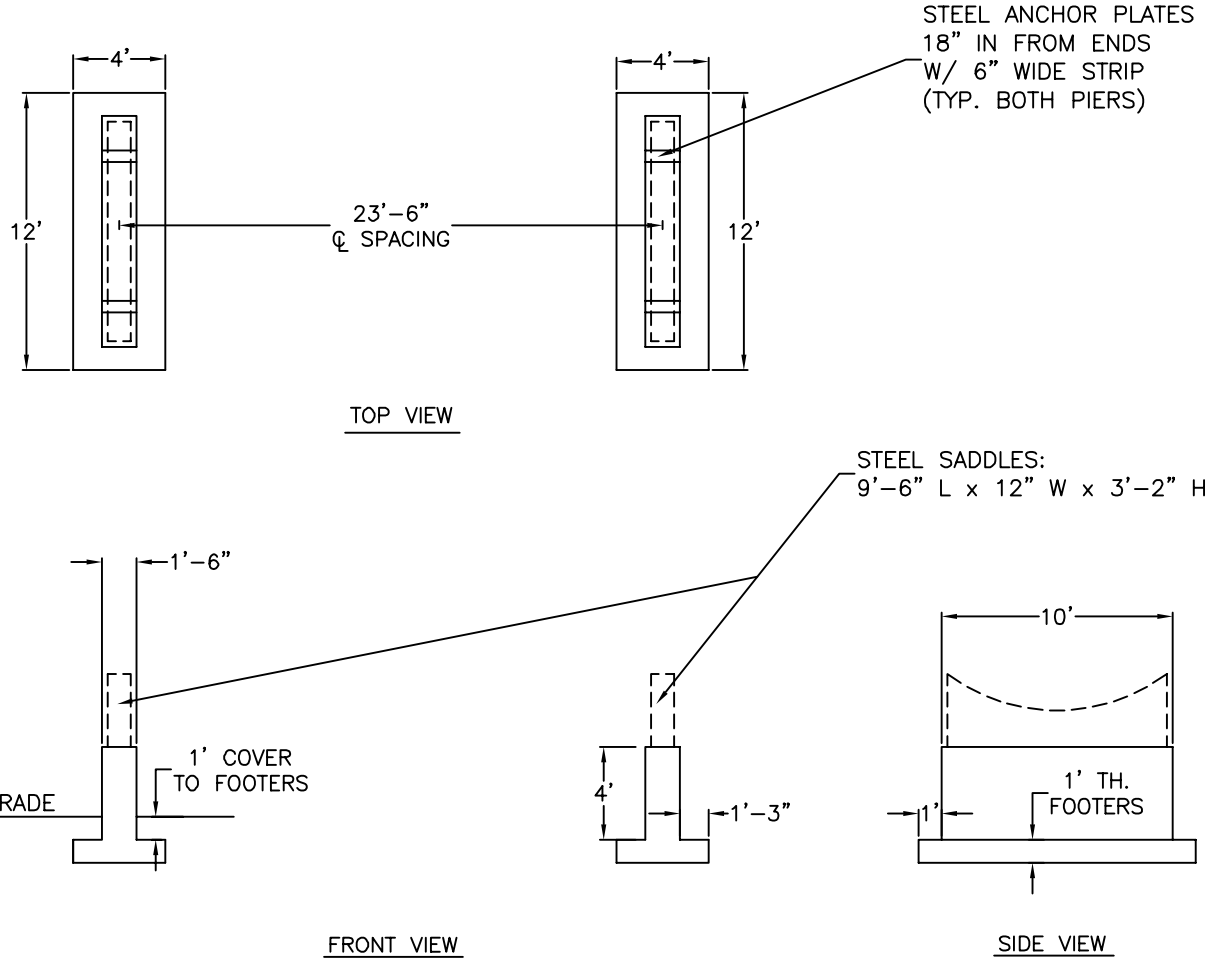
TYP. ANCHOR PLATE
(2 HOOKS PER PLATE)

1. ALL SLABS POURED W/: FINISH ELEVATION 4" ABOVE FINISHED GRADE
   6 X 6 X 4/4 WW MESH REINFORCING MATS
   (NOT ROLLED MAT'L)
   EDGE TOOLED W/ 1/2" ROUND RADIUS TOOL
   REINFORCING MAT 2" OFF BOTTOM OF SLAB
   SLAB THICKNESS MINIMUM = 6"
2. ALL REINFORCING STEEL BARS SHALL BE A36 STEEL
3. REBAR SPLICE LAP SHALL BE 6"
4. VERTICAL STRUCTURE REBAR SHALL EXTEND INTO FOOTERS AND TIE INTO FOOTER REBAR
5. ALL CONCRETE SHALL BE CLASS A CONC. – MIN. 3000 PSI AT 28 DAY BREAK
6. ALL REBAR TO BE PLACED MIN. 3" FROM TOP OF STRUCTURE AND FORMS
7. EXPANSION MAT'L TO BE PLACED AROUND ALL CONCRETE THAT PROTRUDES THRU CONCRETE SLAB

* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'–0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION

ASPHALT PLANT LAYOUT

PROPANE TANK SUPPORT



* ALL DIMENSIONS FOR PIERS ARE TYPICAL FOR BOTH SIDES
* TYPICAL 1-1/4" CHAMFER EDGE ON ALL EXPOSED CONCRETE

PROPANE TANK SUPPORT

REINFORCING:

FOOTER:

2 MATS #5 REBAR
12" OC EW

PIERS:

1 VERTICAL MAT THRU CENTER
#5 REBAR 12" OC EW

* 1/2" EXPANSION MAT'L TO BE PLACED AROUND ALL CONC. THAT PROTRUDES THRU SLAB
* ELEVATION REFERENCES ASSUME FINISH GRADE AT 0'-0"
* VERIFY ALL DIMENSIONS PER EQUIPMENT ON SITE BEFORE CONSTRUCTION