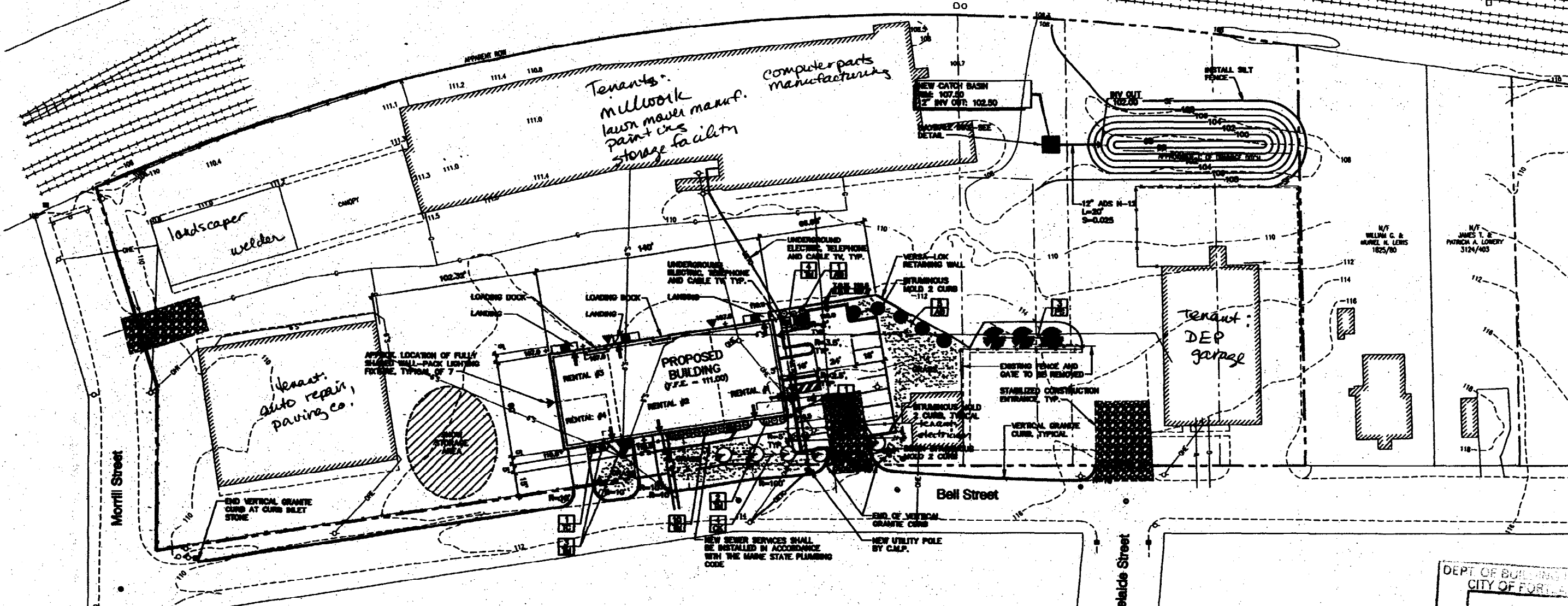




PORTLAND TERMINAL COMPANY
(APPROXIMATE LOCATION OF TRACKS)



PLANT LIST

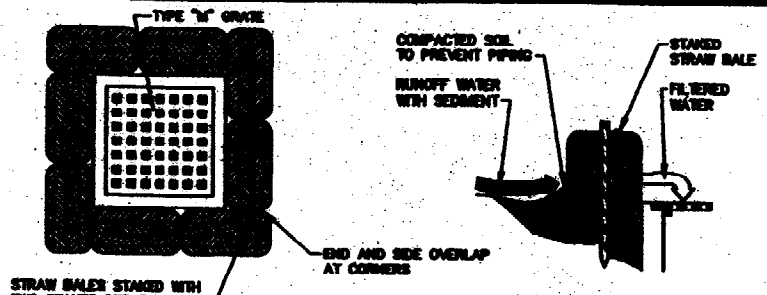
SYMBOL	NAME	NUMBER	SIZE	REMARKS
AS	AMEX BALSAMEA BALSAM FIR	6	8'-10'	SINGLE LEADER
CK	CORNUS KOUSA CHINESE DOGWOOD	5	5'-6'	TREEFORM
PS	PINUS STROBUS EASTERN WHITE PINE	3	6'-8'	SINGLE LEADER
TD	TAXUS CUPRATA CAPITATA YEW	2	3'-3.5'	
TM	TAXUS MEDIA GREENWAVE GREENWAVE YEW	10	16'-24'	

PARKING REQUIREMENTS
LIGHT INDUSTRIAL ZONE: 1 PARKING SPACE PER
1,000 S.F. = 8 TOTAL SPACES REQUIRED.

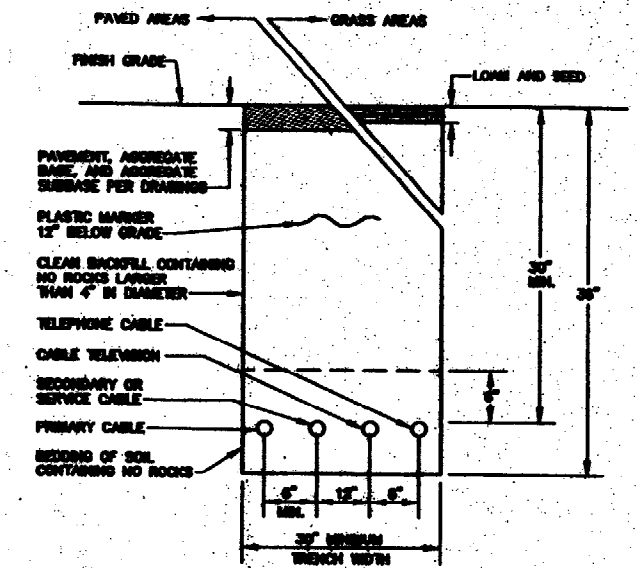


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CITY OF PORTLAND, OREGON
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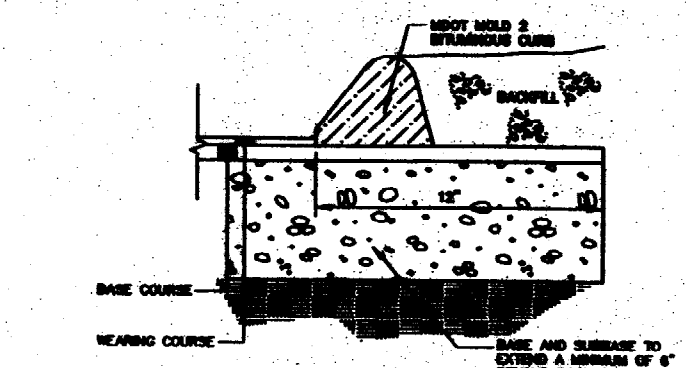
A	S.B.	05-09-03	FOR: PLANNING STAFF REVIEW	004_3_0100
REV.	BY	DATE	STATUS	CAD NO.
<p>THE USER OF THIS PLAN IS THE ASSUMED USER AND IS RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION AND DATA SHOWN HEREON AND FOR THE CONFORMANCE OF THE WORK SHOWN HEREON WITH THE APPLICABLE REGULATIONS AND ORDINANCES OF THE CITY OF PORTLAND, OREGON. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND, OREGON.</p>				
		<p>M.R. BREWER FINE WOODWORKING SITE DEVELOPMENT</p>		
<p>GENERAL CONSTRUCTION</p>				
<p>EER 222 St. John Street, Suite 714 - Portland, Oregon 97202</p>		<p>DESIGNED BY: S.B. DRAWN BY: S.B. CHECKED BY: S.B. DATE: 05-10-03 JOB NO: 004 SCALE: 1" = 20' C-100 SHEET 1 OF 2</p>		



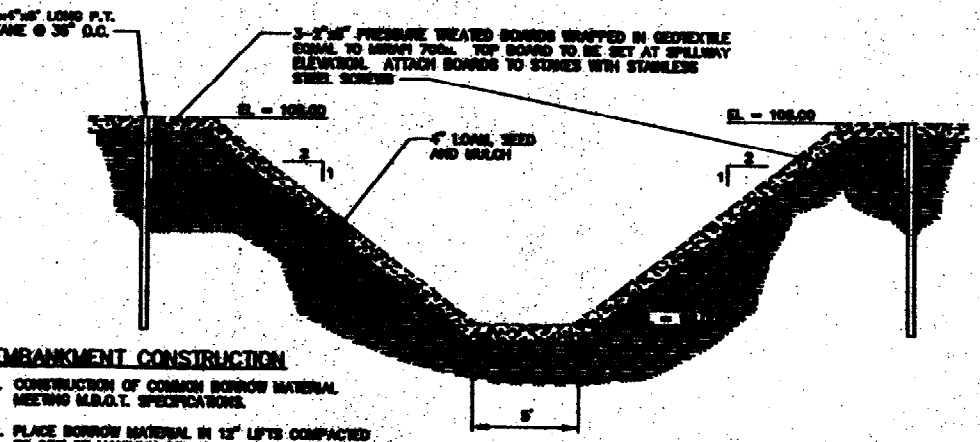
HAYBALE DIKE DETAIL
NOT TO SCALE



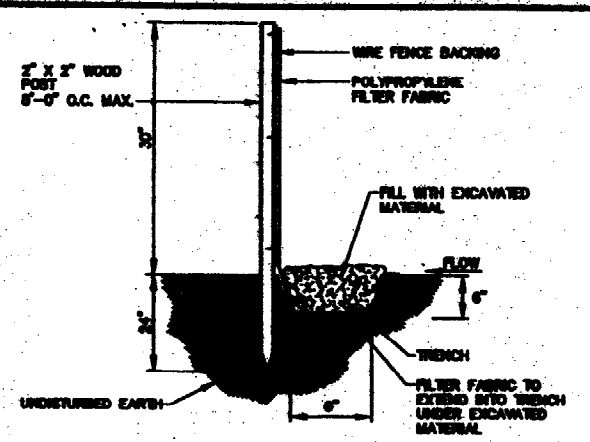
UNDERGROUND UTILITY TRENCH DETAIL
NOT TO SCALE



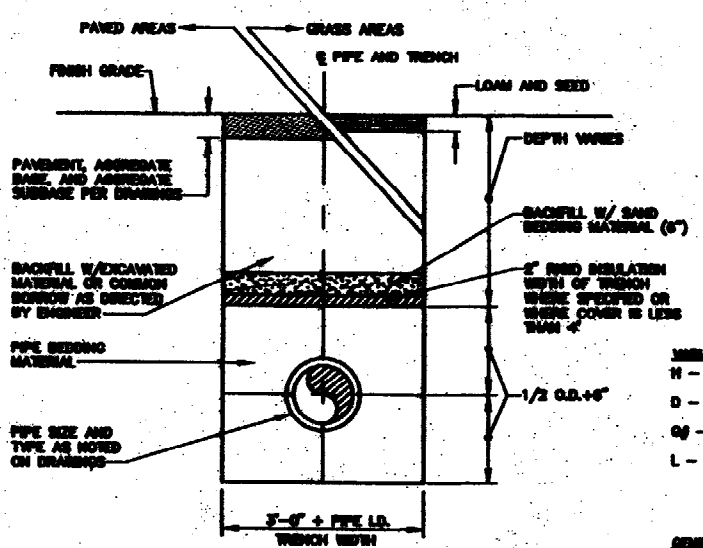
BITUMINOUS CURB-MOLD 2
NOT TO SCALE



SPILLWAY SECTION WITH PLUNGE POOL AND LEVEL LIP SPREADER
NOT TO SCALE

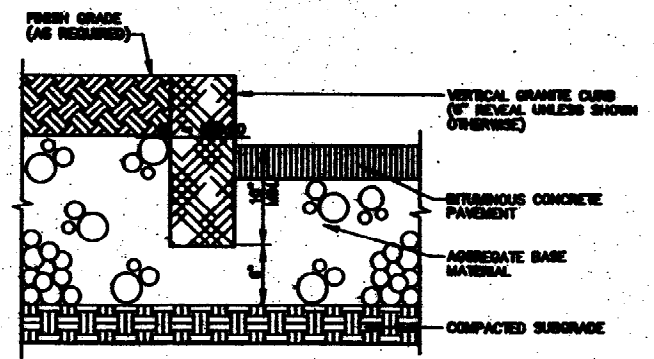


EROSION CONTROL FENCE DETAIL
NOT TO SCALE

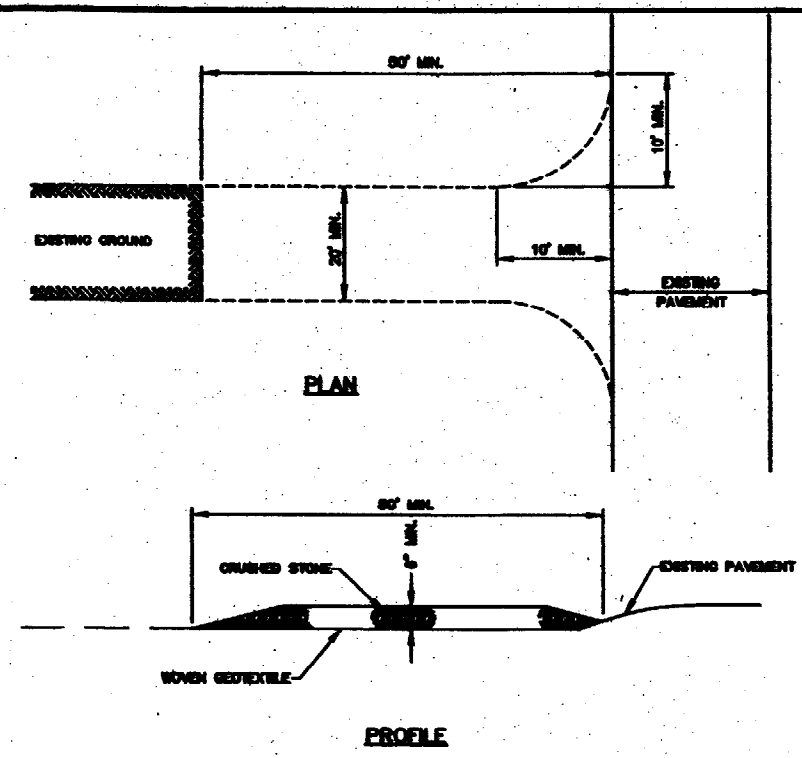


TYPICAL TRENCH DETAIL
NOT TO SCALE

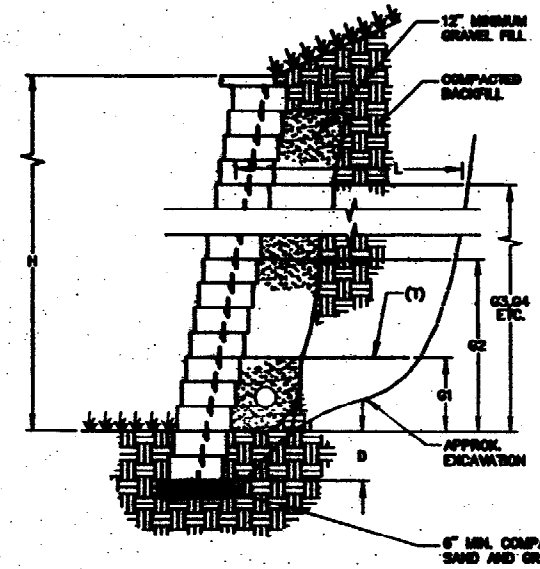
- ABBREVIATIONS:**
 H - WALL HEIGHT ABOVE GRADE
 D - DEPTH BASE UNIT BELOW GRADE
 G₁ - DISTANCE OF GRID LAYERS ABOVE GRADE
 L - GRID LENGTH
- GENERAL NOTES:**
 1. FACTOR OF SAFETY FOR SLIDING: 1.5
 2. FACTOR OF SAFETY FOR OVERTURNING: 2.0
 3. UNIT WEIGHT SOIL: 125 PCF
 4. GEORND DESIGN BASED ON TENSAR SYSTEM
 5. GLOBAL STABILITY HAS NOT BEEN CHECKED.
 6. FOLLOW APPLICABLE PROVISIONS OF SPECIFICATIONS FOR THE PROPER INSTALLATION OF THE VERSA-LOK RETAINING WALL SYSTEM AND GEORND.
 7. ALLOWABLE BEARING PRESSURE: 3,000 PCF
 8. DIMENSIONS SHOWN IN CHART ARE IN FEET.



VERTICAL GRANITE CURBING
NOT TO SCALE



STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



DESIGN CHART

SLOPING FILL 2.5H : 1V SANDS/GRAVEL $\phi = 34^\circ$

H	D	GRID TYPE	GRID LENGTH	G ₁	G ₂	G ₃	G ₄	G ₅
2	.5							
3	.5	SR2	2.8	1.8				
4	.5	SR2	3.5	1.8	2.8			
5	1.0	SR1	4.1	1.8	3.0			
6	1.0	SR1	5.1	1.8	2.5	4.5		
7	1.0	SR1	6.0	1.8	3.0	5.0		
8	1.0	SR1	6.5	1.8	3.0	5.0	7.0	

VERSA-LOK RETAINING WALL
NOT TO SCALE

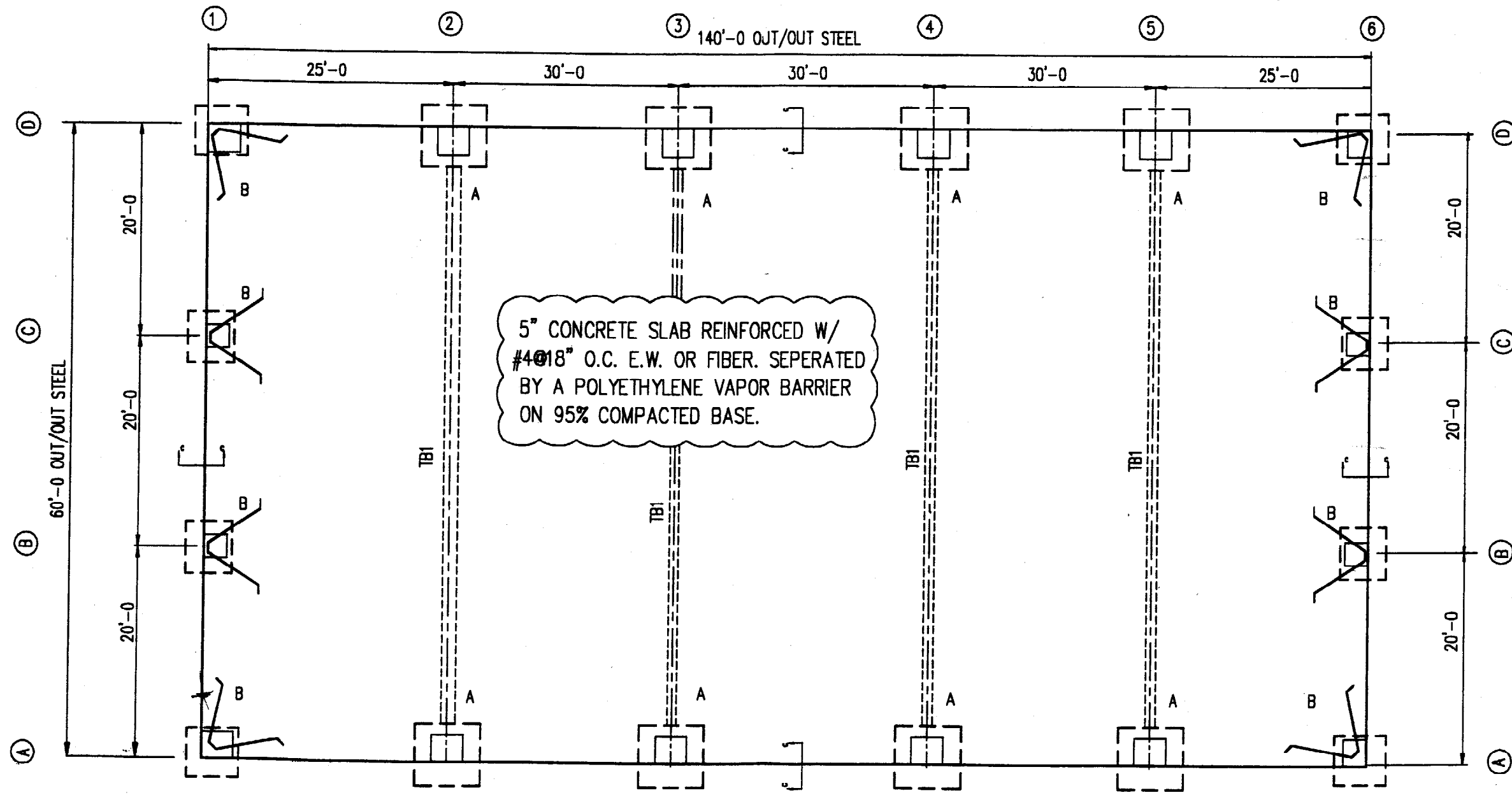
- EROSION CONTROL NOTES**
- APPLICATION OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES FOR THE PROJECT SHALL BE IN ACCORDANCE WITH PROCEDURES AND SPECIFICATIONS OF THE "NAME EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES," MARCH 1991 (BMP HANDBOOK).
 - SILTATION FENCE SHALL BE INSTALLED BEFORE GRUBBING OR EARTH MOVING OPERATIONS.
 - PERMANENT SEEDING SHALL BE APPLIED WITHIN 15 DAYS OF FINAL GRADING FROM APRIL 15 TO SEPTEMBER 1.
 - PERMANENT SEEDING SHALL BE:

	SEED	LB./1,000 SQ. FT.	SEEDING DEPTH	RECOMMENDED SEEDING DATES
BIRDFOOT TRIFOLIUM CROWFOOT CRESSING RED FESCUE OR TALL FESCUE	BR	.18		
	CR	.34		
	TR	.48		
 - TEMPORARY SEEDING SHALL BE APPLIED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL IF PERMANENT SEEDING IS NOT APPLIED. TEMPORARY SEEDING SHALL BE:

	SEED	LB./1,000 SQ. FT.	SEEDING DEPTH	RECOMMENDED SEEDING DATES
WINTER RYE	WR	2.5	1-1.5"	8/15-10/1
	OR	1.8	1-1.5"	4/1-7/1 8/15-9/15
ANNUAL KYDGRASS	AK	0.9	.25"	4/1-7/1
	SK	0.9	.5-1"	5/15-8/15
PERENNIAL	PR	0.9	.25"	5/15-8/15
 - FERTILIZER SHALL BE 10-20-20 GRANULAR GARDEN FERTILIZER AND APPLIED AT 18.4 LB./1,000 S.F.
 - LIMESTONE SHALL BE GROUND WITH 80% CALCIUM PLUS MAGNESIUM OXIDE AND APPLIED AT 1.38 LB./1,000 S.F.
 - MULCH SHALL BE HAY OR STRAW APPLIED AT 70-90 LB./1,000 S.F.
 - WINTER MULCH SHALL BE APPLIED BETWEEN OCTOBER 1 AND APRIL 1 AND SHALL BE HAY OR STRAW APPLIED AT 300 LB./1,000 S.F.
 - ALL EROSION CONTROL MEASURES, SEEDING AND MULCHING SHALL BE INSPECTED WEEKLY AFTER RAINSTORMS AND DURING BLOFF EVENTS. ALL MEASURES SHALL BE REPAIRED OR REPLACED WHEN NO LONGER SERVICABLE DUE TO SEDIMENT ACCUMULATION OR DAMAGE.
 - SEEDING AND MULCHED AREAS SHALL BE MAINTAINED UNTIL FINAL ACCEPTANCE OF THE WORK. SEED CATCH SHALL BE ACCEPTABLE WHEN 75 PERCENT CATCH IS ESTABLISHED. MAINTENANCE SHALL CONSIST OF PROVIDING PROTECTION AGAINST TRAFFIC AND REPAIRING ANY AREAS TO BE ESTABLISHED THE CONDITION AND GRADE OF THE SOIL PRIOR TO SEEDING AND SHALL THEN BE REPERIALIZED, RESEEDED AND REMULCHED.
 - TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED UPON COMPLETION OF GRADING OPERATIONS AND ESTABLISHMENT OF A 75 PERCENT CATCH OF GRASS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES DURING CONSTRUCTION.
 - SLOPES GREATER THAN 2:1 SHALL BE PROVIDED WITH EROSION CONTROL JUTE FABRIC.
 - EROSION CONTROL INSPECTION SHALL BE PERFORMED BY: ENVIRONMENTAL ENGINEERING AND REMEDIATION, INC. STEPHEN A. BRIDGEMAN, P.E. 222 ST. JOHN STREET SUITE 314 (307) 638-1272
 - EROSION CONTROL AND CONSTRUCTION SEQUENCE:
 - INSTALL ALL TEMPORARY EROSION CONTROL AS SHOWN ON THE PLAN SHEET IN ACCORDANCE WITH THE DETAILS AND BMP'S.
 - CONSTRUCT THE DETENTION POND AND PROVIDE ALL NECESSARY EROSION CONTROL.
 - CONSTRUCT THE BUILDING, RETAINING WALLS AND PARKING LOT.
 - REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE IMPROVEMENTS ARE COMPLETE AND THERE IS FULL CATCH OF GRASS.
 - INSTALL PERMANENT EROSION CONTROL MEASURES.

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A	SB	06-09-08	ISSUED FOR: PLANNING STAFF REVIEW	SOLD_CRM
REV.	BY	DATE	STATUS	CRD NO.
<p>THE BUYER AGREES TO THE TERMS OF CONTRACT AND ACCEPTS A CONDITION OF WORK AS SET FORTH IN THE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE BUYER'S OBLIGATION IS TO PAY THE CONTRACT PRICE AND TO OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND. THE BUYER'S OBLIGATION IS TO OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND.</p>				
		<p>M.R. BREWER FINE WOODWORKING SITE DEVELOPMENT</p>		
<p>CONSTRUCTION DETAILS</p>				<p>CONTRACT NO.: 08 DRAWING NO.: 20 CHECKED BY: SB DATE: 06-09-08 JOB NO.: 084 SCALE: AS SHOWN C-10 SHEET NO. OF 2</p>
<p>BER 222 St. John Street, Suite 314 Portland, Maine 04108</p>				



5" CONCRETE SLAB REINFORCED W/
 #4@18" O.C. E.W. OR FIBER. SEPERATED
 BY A POLYETHYLENE VAPOR BARRIER
 ON 95% COMPACTED BASE.

DEPT. OF BUILDING INSPECTION
 CITY OF PORTLAND, ME
 MAY - 2 2003

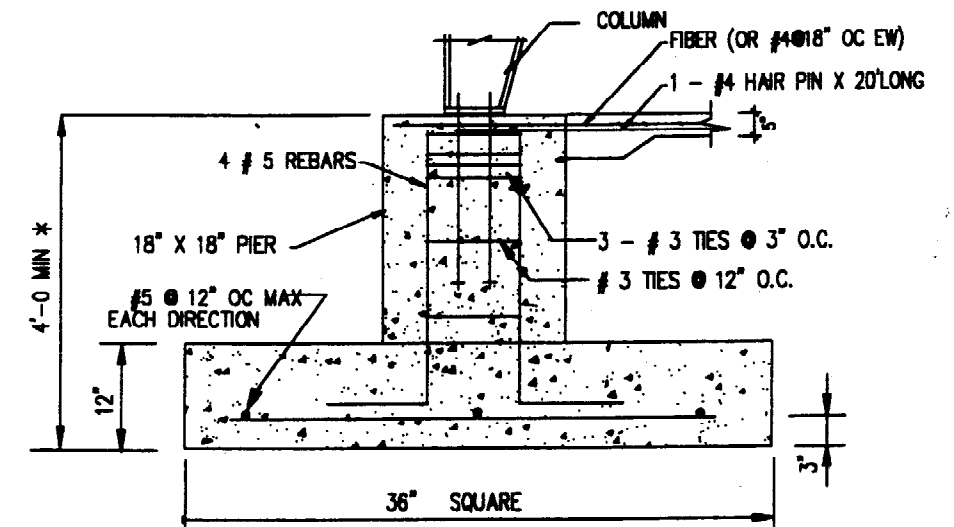
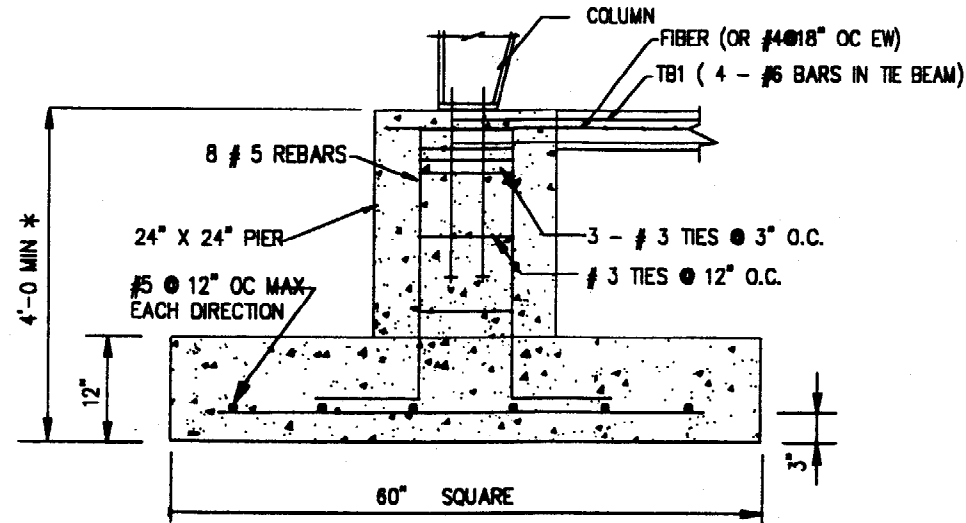
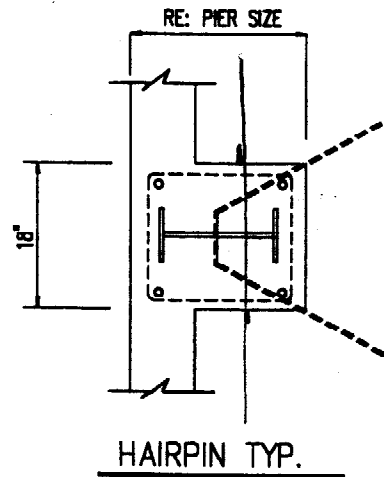
STATE OF MAINE
 CHANDER P. NANGIA
 3334
 PROFESSIONAL ENGINEER
 MAY 20 2003

** REVISED 3/07/03

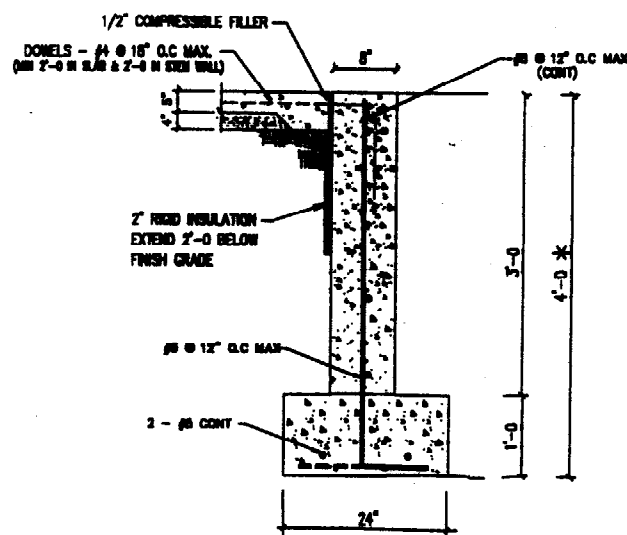
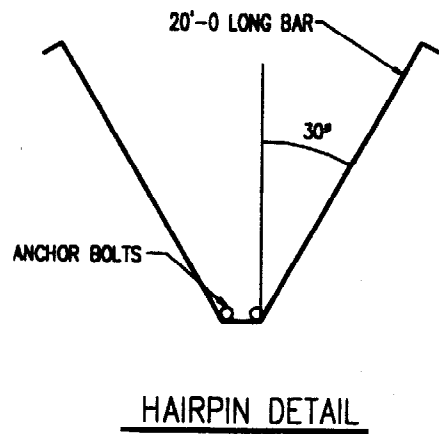
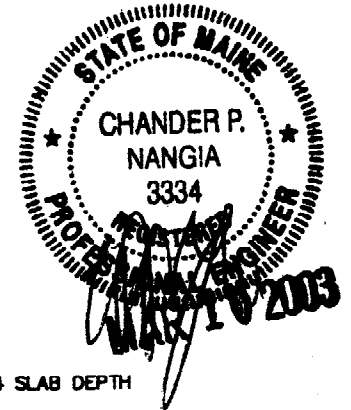
NOTE:
 DO NOT USE THIS DRAWING
 TO LAYOUT THE FOUNDATION.
 SEE ANCHOR BOLT DRAWINGS
 FROM THE MANUFACTURER.

FOUNDATION PLAN

GENERAL STEEL CORP.					
1075 S. YUKON ST. , STE. 250 • LAKEWOOD, CO 80226					
DESCRIPTION			FOUNDATION PLAN		
CUSTOMER			MORRILL STREET ASSOCIATES		
LOCATION			PORTLAND, ME		
DRN. BY	CK'D BY	DATE	SCALE	JOB NO.	SHEET NO.
CPN	CPN	01/13/03	NONE	M8272	F1 OF 4
				B2158	ISSUE



GRADE BEAM REINF NOT SHOWN ON FOOTING DETAILS FOR CLARITY (TYP)

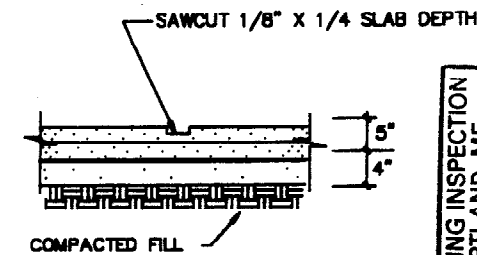


STANDARD ANCHOR BOLT DETAIL

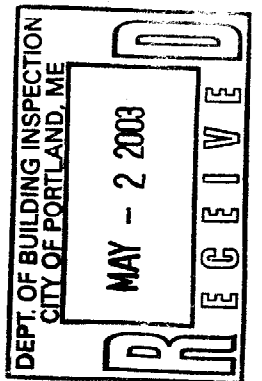
BOLT DIA.	LENGTH	A	ANCHOR PLATE	WELD SIZE	THREAD	PROJ.
1/2"	1'-6"	1 1/4"	3/8 x 1 1/2 x 1 1/2	5/16	2"	1 1/2"
5/8"	1'-6"	1 1/2"	1/2 x 1 3/4 x 1 3/4	5/16	2"	2"
3/4"	1'-6"	1 3/4"	1/2 x 2 1/4 x 2 1/4	5/16	2 1/2"	2 1/2"
7/8"	2'-0"	2"	5/8 x 2 1/2 x 2 1/2	5/16	3 1/2"	3 1/2"
1"	2'-0"	2 1/4"	3/4 x 3 x 3	5/16	3 1/2"	3 1/2"

**Re: Manufac. Anchor Bolt Drawgs for Size & Location of Anchor Bolts
**Anchor Bolts to be A-307 (or equivalent).

NOTE:
* OR MIN. LOCAL FROST DEPTH, WHICHEVER IS GREATER
1) GRADE BEAM REINF. MUST PASS THROUGH THE FTGS (CONT).
2) USE GROUT PAD/STEEL SHIMS AS NECESSARY TO LEVEL COLS.
3) SLAB REINF & HAIR PINS TO BE LOCATED AT CTR. OF SLAB.



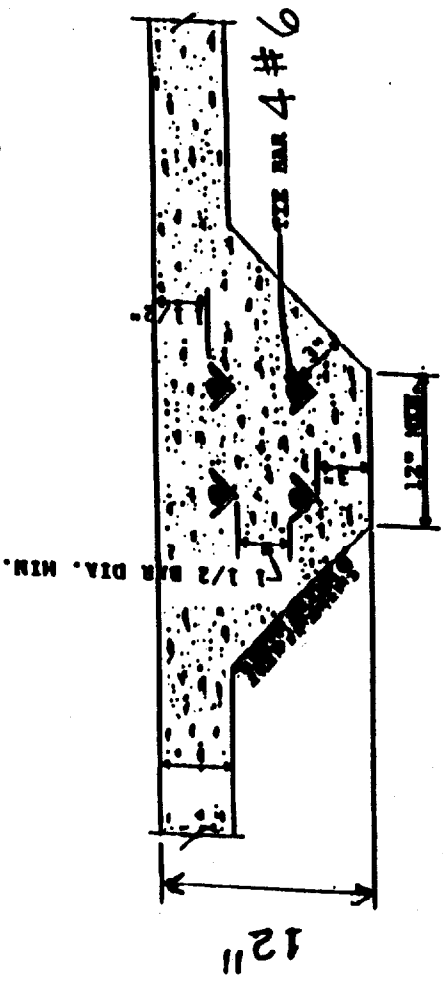
CRACK CONTROL JOINT * *
* * AT 15'-0" X 15'-0" MAX SPACING



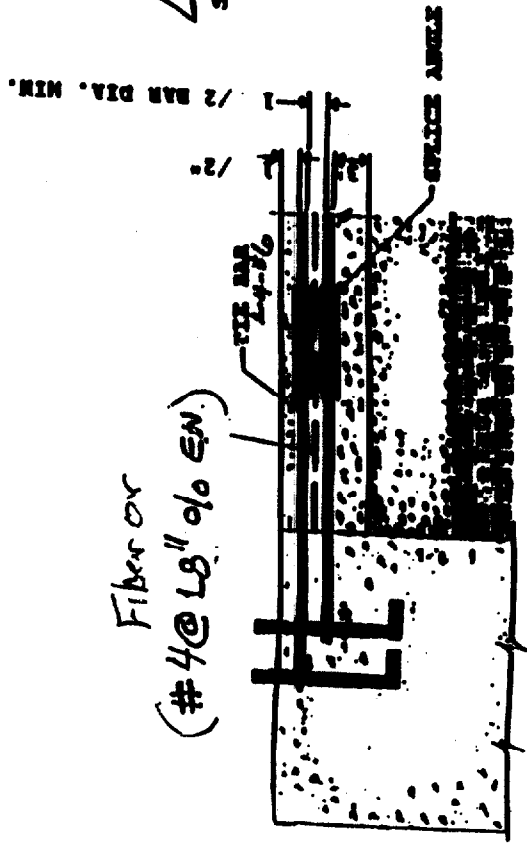
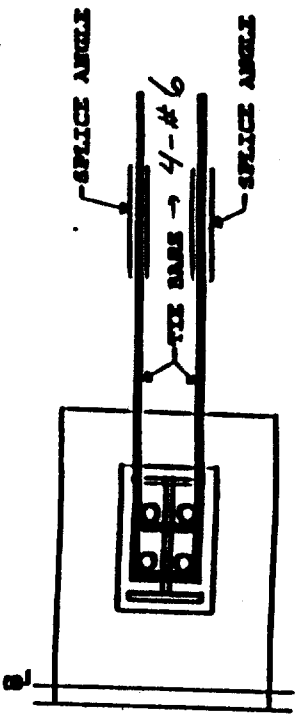
** REVISED 3/07/03

GENERAL STEEL CORP.
1075 S. YUKON ST., STE. 250 • LAKEWOOD, CO 80226

DESCRIPTION	FOUNDATION DETAILS			
CUSTOMER	MORRILL STREET ASSOCIATES			
LOCATION	PORTLAND, ME			
DRN. BY	CK'D BY	DATE	SCALE	JOB NO.
CPN	CPN	01/13/03	NONE	M8272
				B2158
				SHEET NO.
				F2 OF 4
				ISSUE

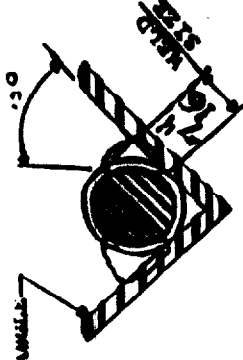


TB1

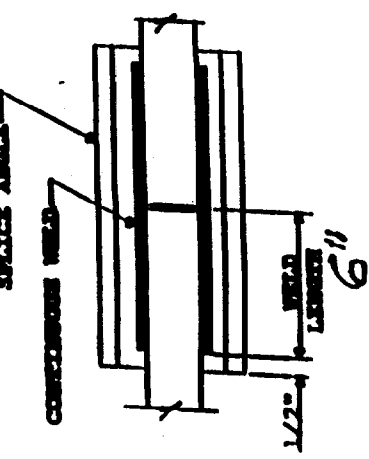


Fiber or
(#4 @ 18" o/c EN)

∠134x134x3/16
SPlice ANGLE



∠134x134x3/16
SPlice ANGLE



TIE BAR DETAILS

RECEIVED
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DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

STATE OF MAINE
CHANDER P. NANGIA
333
REGISTERED PROFESSIONAL ENGINEER
MAR 10 2003

GENERAL STEEL CORP.			
1075 S. YUKON ST. , STE. 250 • LAKEWOOD, CO 80226			
DESCRIPTION	TIE BEAM DETAILS - (TB1)		
CUSTOMER	MORRILL STREET ASSOCIATES		
LOCATION	PORTLAND, ME		
DRN. BY	CPN	DATE	SCALE
CPN	CPN	01/13/03	NONE
		JOB NO.	JOB NO.
		M8272	M8272
		SCALE	SCALE
		NONE	NONE
		CPN	CPN
		B2158	B2158
		SHEET NO.	SHEET NO.
		F3 OF 4	F3 OF 4
		ISSUE	ISSUE