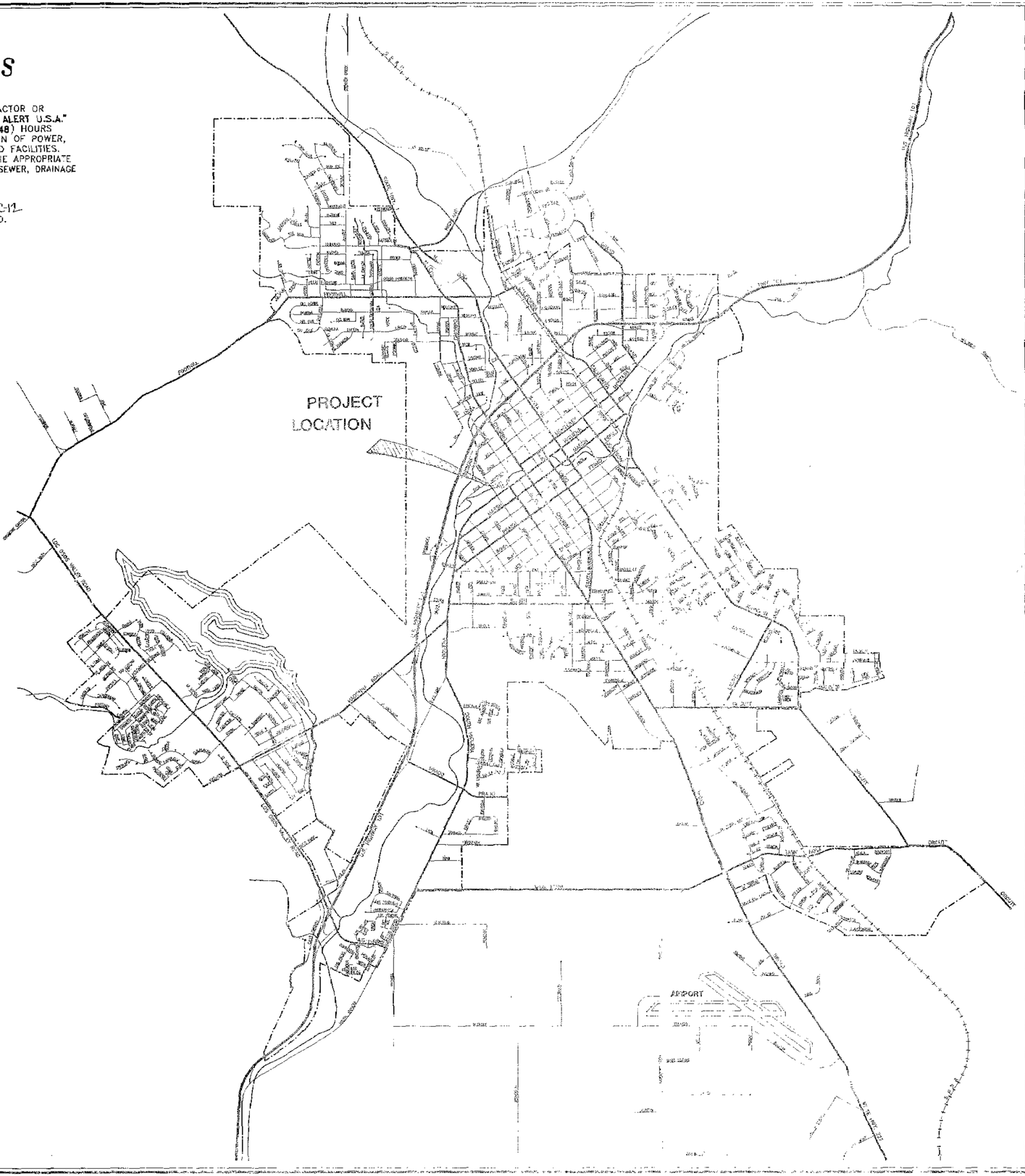
general notes

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR PERMITTEE TO CONTACT **"UNDERGROUND SERVICE ALERT U.S.A."** TOLL FREE AT **1-800-642-2444** FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION, FOR LOCATION OF POWER, TELEPHONE, OIL AND NATURAL GAS UNDERGROUND FACILITIES. CONTRACTOR OR PERMITEE SHALL ALSO CONTACT THE APPROPRIATE AGENCY FOR THE LOCATION OF CABLE T.V., WATER, SEWER, DRAINAGE OR UNDERGROUND FACILITIES.

2. THE CONTRACTOR SHALL POSSESS A CLASS A or C-12 LICENSE AT THE TIME THE CONTRACT IS AWARDED.



index to plans

city of
san luis obispo
san luis obispo county, california

MAYOR

COUNCIL MEMBERS

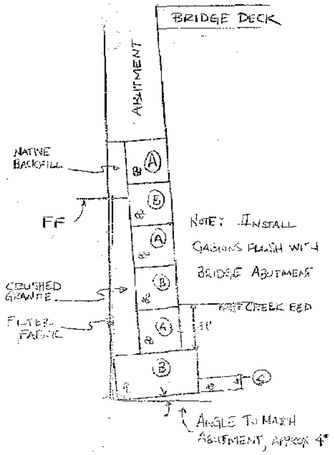
CITY PLAN NO. 95-45

APPROVED BY

DATE 7/95

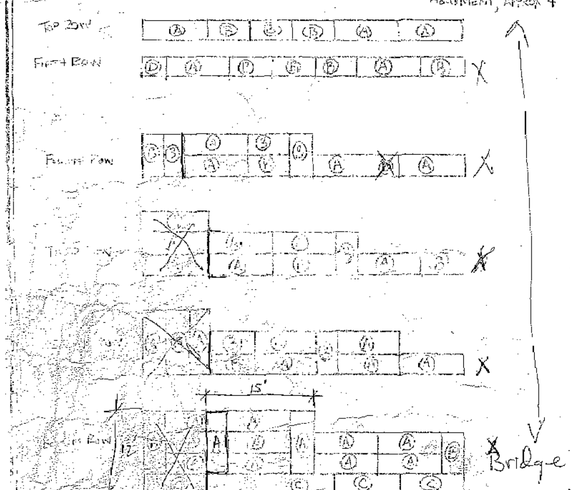
FILE NO./LOCATION 3353/2

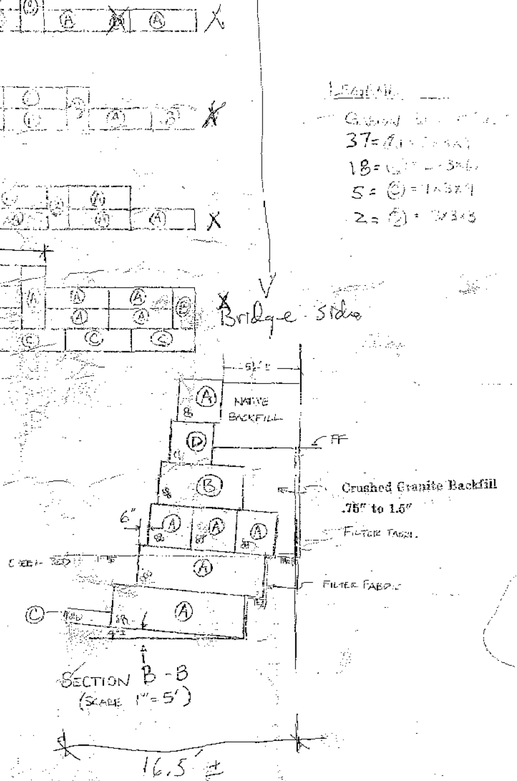
SHEET 1 OF 4



SECTION A-A
(SCALE 1"=5')

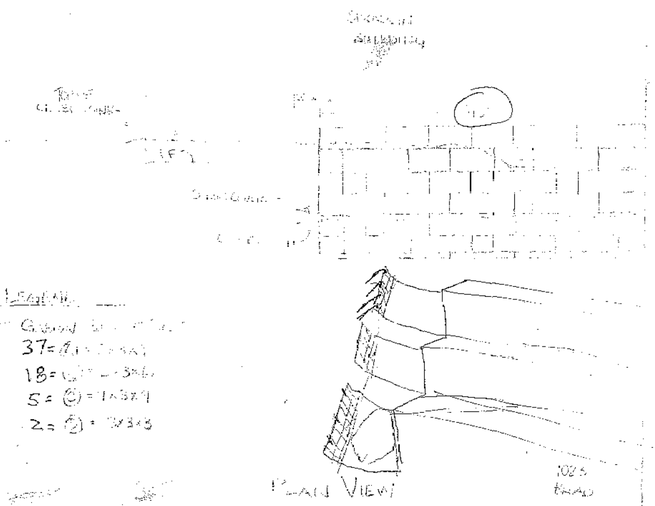
ELEVATION VIEW

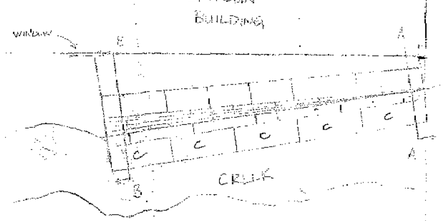


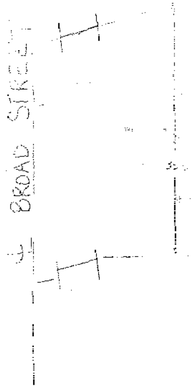


SECTION B-B
(SCALE 1"=5')

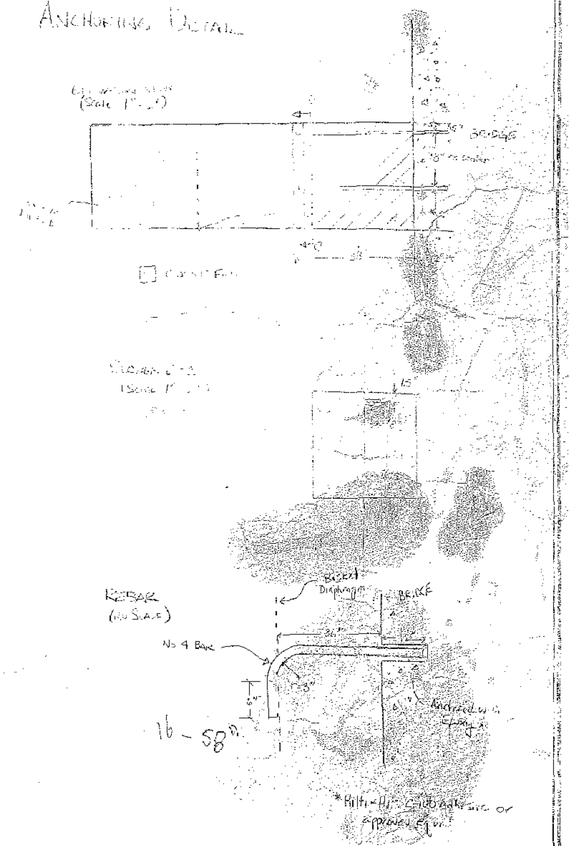
16.5'±







BRIDGE ABUTMENT
ANCHORING DETAIL



Provide special inspection per
UBC Section 306 for epoxy anchors.

city of san luis obispo

CREEK STABILIZATION
1023 Broad Street

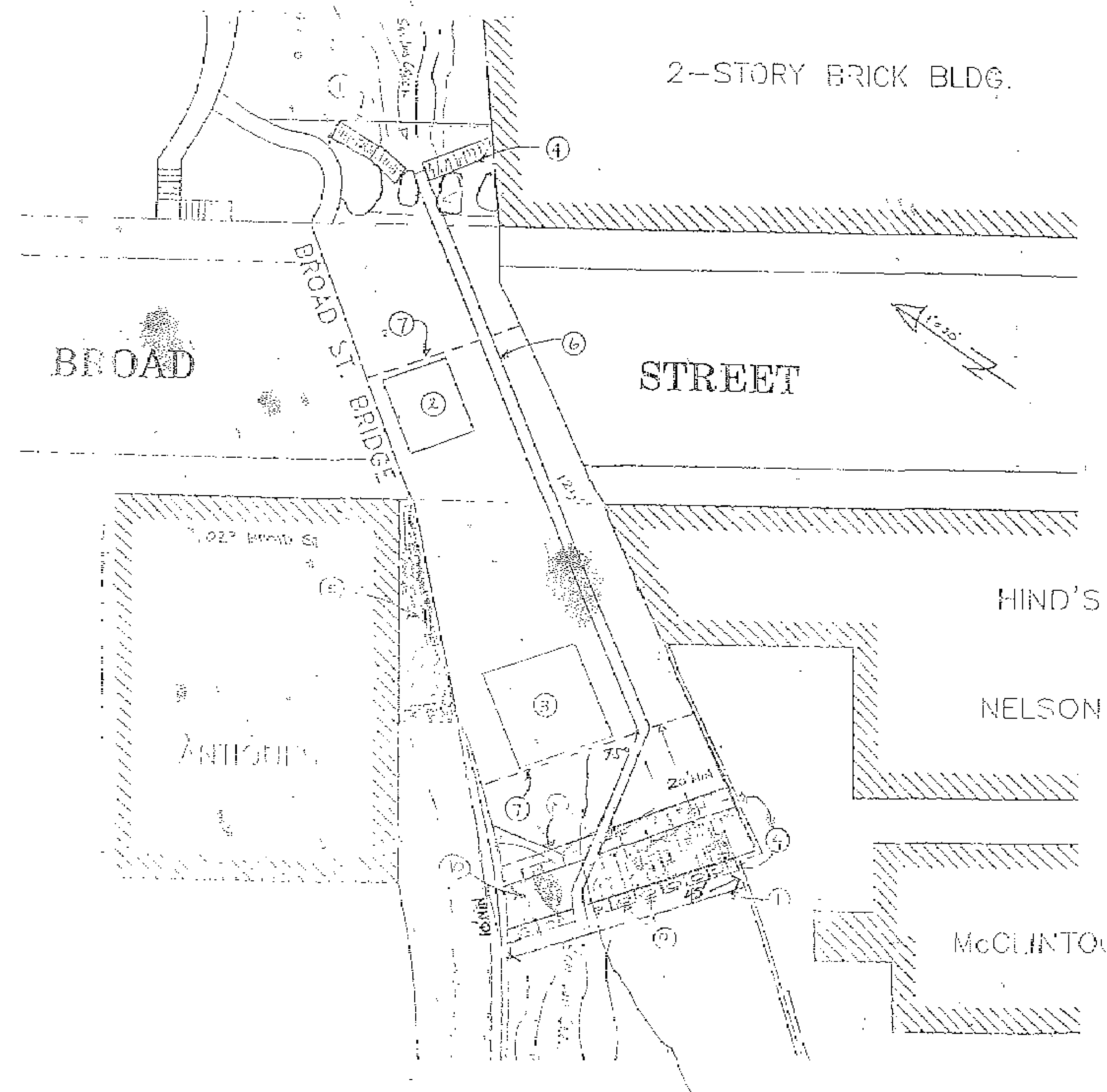
DATE 7-19-95
SCALE 1" = 10'
DESIGNED BY J.C.R.
DRAWN BY S.
CHECKED BY M.H.L.
APPROVED BY

GABION INSTALLATION

CITY PLAN NO. 95-45
FILE NO./LOCATION 0010.78
SHEET 1 OF 1

LEGEND

1. PROJECT LIMITS
2. EQUIPMENT STAGING AREA
3. NATIVE MATERIAL STAGING
4. STRAW BALE DAM
5. GABION R/W
6. 200' 24" PVC PIPE
7. WORK AREA LIMITS
10. DEWATERING AREA



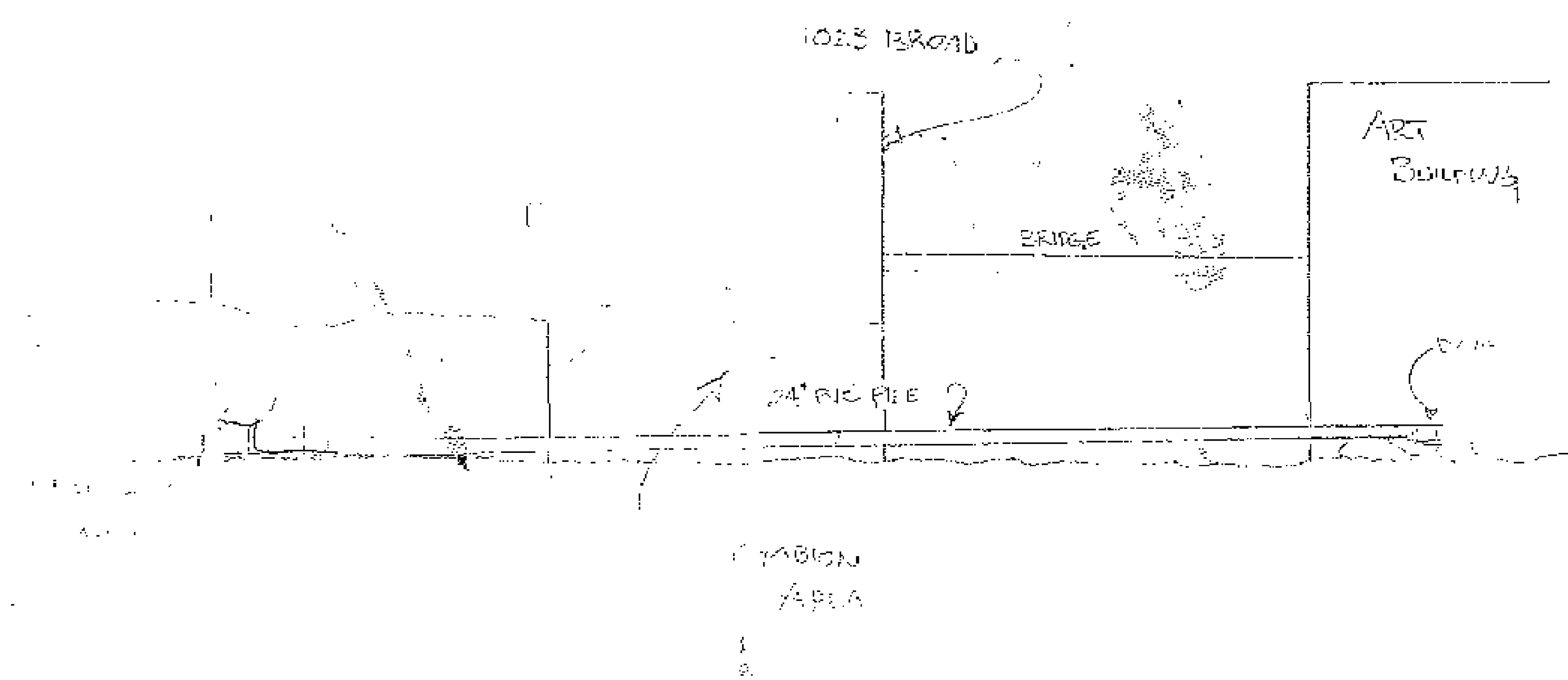
CONSTRUCTION NOTES

1) Equipment Staging Area shall consist of a 14' X 16' PVC Ground Cover. All equipment shall be stored on the ground cover in the staging area when not in active operation. All material remaining on the ground cover shall be properly disposed.

2) Native Material Staging Area shall consist of a 20' X 20' PVC Ground Cover. All excavated material shall be placed on the ground cover in the Native Material Staging Area. Any material not used to fill voids in the gabion wall shall be properly disposed.

3) All dewatering flows shall be delivered to the Straw Bale Dam Detention Area for settling. All collected sediments shall be properly disposed.

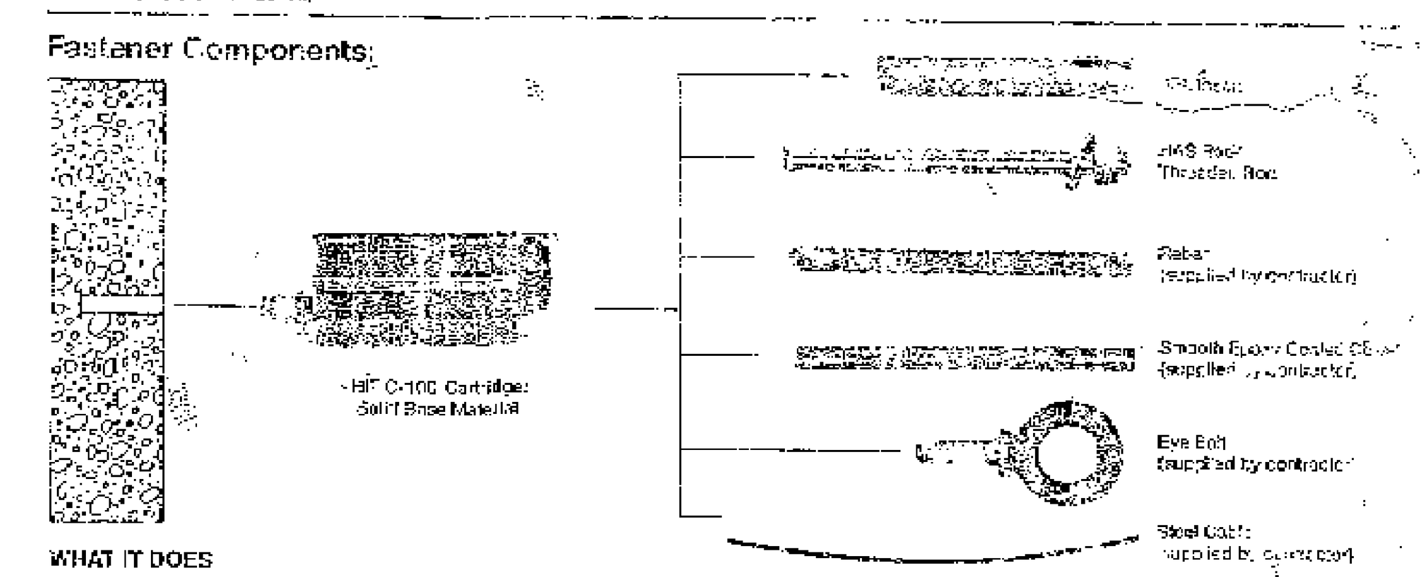
4) Proper disposal of all materials shall be as described in all permit conditions and recommendations.



The Hilti HIT C-100 System: Solid Base Materials

Product Details

Fastener Components:



WHAT IT DOES

The HIT C-100 system is an efficient and economical method to anchor into solid base materials such as concrete, grout, stone and solid masonry. It has been successfully used for dowelling threaded rod, bent rebar, and smooth dowels in concrete. In addition, it has been used to anchor the HFA internally threaded insert, eyebolts, and steel cable into diverse solid base materials such as cut stone [illegible]. There are 4 basic components to the HIT C-100 system. • HIT C-100 adhesive, • HIT dispenser, • Fastener, • Drill and bit.

HOW IT WORKS

The C100 adhesive cartridge contains parallel tubes of resin and hardener. They are dispensed through a mixing tube which [illegible] proper mixing and eliminates any possibility of measuring errors. The dispenser has a dual piston system to ensure the accurate [illegible] and hardener. The mixed adhesive is injected directly into the hole drilled in the solid base material.

HOW IT HOLDS

The C-100 system obtains its holding value from bonding. The viscosity of C-100 permits it to be used in horizontal dowelling applications. The vinylester blended adhesive allows C-100 to cure in relatively short periods of time over a wide range of temperatures while maintaining superior aging stability and weathering resistance.

Specification Table:

Fastener	Anchor Size	Drill Bit Diameter	Recommended Hilti Bits Description	Standard Embed-ment	Approx. Fastenings/ Small Cartridge	Approx. Fastenings/ Large Cartridge
Threaded Rod	1/4"	5/16"	TE-C+-5/16" x 6"	3"	55-70	[illegible]
	3/8"	7/16"	TE-C+-7/16" x 6"	3 1/2"	35-45	[illegible]
	1/2"	9/16"	TE-C+-9/16" x 12"	4 1/4"	20-25	[illegible]
	5/8"	11/16"	TE-C+-11/16" x 12"	5"	10-13	34-51
	3/4"	13/16"	TE-C+-13/16" x 18"	6 5/8"	3-5	20-22
	7/8"	15/16" (24mm)	TE-FY-24mm x 32cm	6 5/8"	3-4	20-27
	1"	1 1/16"	TE-FY-1 1/16" x 17"	5 1/4"	4-5	13-17
Rebar 1	#3 or 3/8"	1/2"	TE-C+-1/2" x 6"	3 3/4"	30-35	102-139
	#4 or 1/2"	5/8"	TE-C+-5/8" x 8"	4 1/2"	20-25	66-85
	#5 or 5/8"	3/4"	TE-C+-3/4" x 8"	5"	10-15	34-51
	#6 or 3/4"	7/8"	TE-C+-7/8" x 10"	6 3/4"	7-9	24-30
	#7 or 7/8"	1"	TE-FY-1" x 13"	6 5/8"	6-8	20-27
	#8 or 1"	1 1/8"	TE-FY-1 1/8" x 17"	8 1/4"	4-5	13-17
	#9 or 1 1/8"	1 5/16"	TE-FY-1 5/16" x 17"	8 1/4"	2-3	7-10
	#10 or 1 1/4"	1 3/8"	TE-FY-1 3/8" x 23"	12"	2	7
HFA	3/8"	5/8"	TE-C+-5/8" x 12"	3 1/2"	40	[illegible]
	1/2"	13/16"	TE-C+-13/16" x 12"	4 1/2"	30	102
	5/8"	1"	TE-FY-1" x 13"	5"	[illegible]-10	[illegible]
	3/4"	1 1/8"	TE-FY-1 1/8" x 17"	6 5/8"	7	25
Smooth Epoxy Coated	1"	1 1/16"	TE-FY-1 1/16" x 17"	9"	6-8	20-27
	1 1/4"	1 5/16"	TE-FY-1 5/16" x 17"	9"	5-6	17-20
	1 1/2"	1 9/16"	TE-FY-1 9/16" x 23"	9"	[illegible]	17-20

NOTES: 1. Rebar diameter may vary. Use smallest drill bit which will accommodate rebar, in no event more than 1/8" bigger diameter than the actual rebar.

The witnessed tests for threaded rod in grouted blocks, rebar in concrete and smooth epoxy coated dowel bar in concrete have been tested using the above mentioned drill bits.

city of san luis obispo

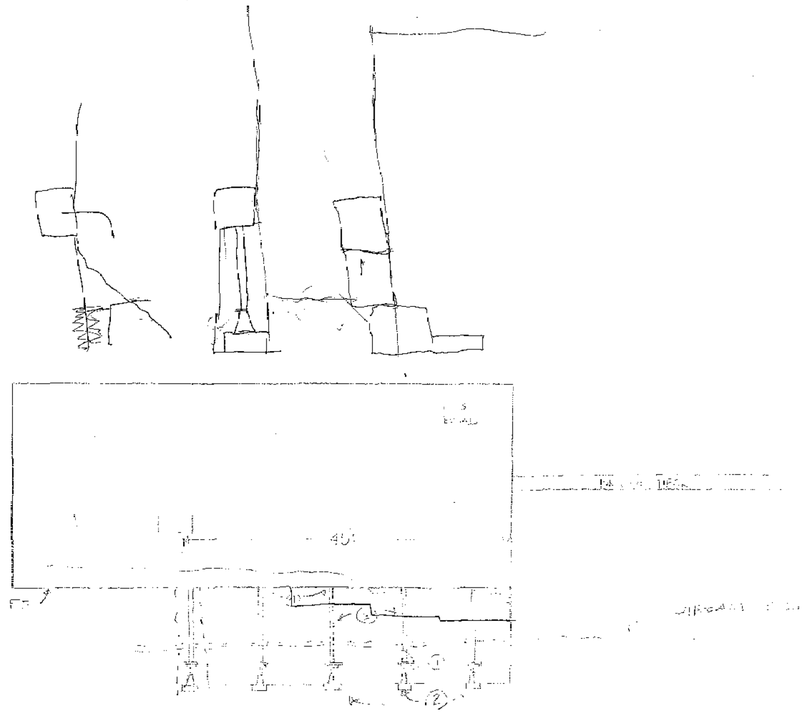
CREEK STABILIZATION

APPROVED BY: CITY ENGINEER

DATE 7/95
SCALE 1" = 20'
DESIGNED BY SC/JR
DRAWN BY JR
CHECKED BY
APPROVED BY

STREAM DIVERSION

CITY PLAN NO. 95-45
FILE NO./LOCATION
SHEET 3 OF 4



If significant sloughing of the cut slope occurs all work shall stop pending additional analysis by a Soils Engineer

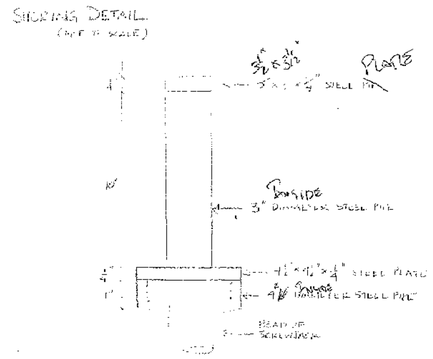
Any significant areas of undermining of the footing for the building at 1023 Broad Street shall be shored prior to removal of additional revetment

Should bedrock be encountered for the toe and first course gabions, a notch shall be constructed in the bedrock to contain the gabions.

CONSTRUCTION NOTES

1. 20 TON SCREW JACK - TYP
2. 2' x 2' x 1' CONCRETE FOOTING - TYP
3. 3" STANDARD STEEL PIPE WITH 1/4" WALL THICKNESS
4. 5"x5" x 1/4" STEEL PLATE
5. FULL WELD ALL CONNECTIONS

SHORING DETAIL
(NOT TO SCALE)



CITY of san luis OBISPO	CREEK STABILIZATION 1023 BROAD ST	APPROVED BY CITY ENGINEER	DATE 7/95 SCALE 1"=10' DESIGNED BY SC/JR DRAWN BY SC CHECKED BY APPROVED BY	SHORING PLAN	CITY PLAN NO. 95-45 FILE NO./LOCATION 0020 / B SHEET 4 OF 4