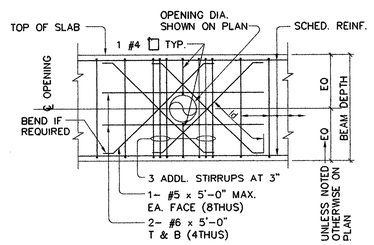
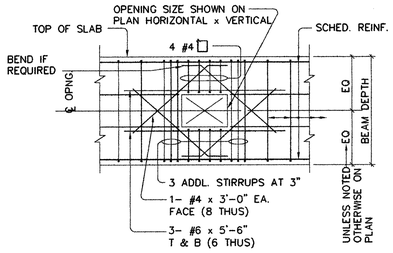


NOTE:
1. THE ADDITIONAL REINF. SHOWN ABOVE IS APPLICABLE TO OPENINGS 5"ø TO 12"ø – FOR SMALLER THAN 5"ø OPENINGS, U.N.O. PROVIDE 3 ADDITIONAL STIRRUPS EA. SIDE OF OPENING.
2. LOCATE OPENING AT MID-DEPTH OF BEAM U.N.O. ON PLAN. IF A(---) DIM. IS SHOWN WITH OPNG. THIS DIM. IS FROM T/SL TO CENTER OF OPNG.

TYPICAL CIRCULAR OPENING THRU CONCRETE BEAM

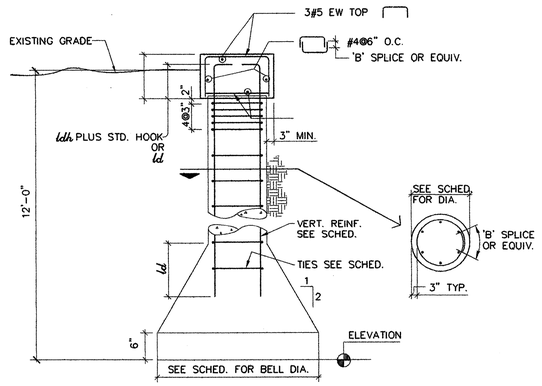
7 SCALE: N.T.S.



NOTE:
1. THE ADDITIONAL REINF. SHOWN ABOVE IS APPLICABLE TO OPENINGS 12" x 12". FOR OPENING LARGER THAN ABOVE SEE APPLICABLE SCHEDULE.
2. LOCATE OPENING AT MID-DEPTH OF BEAM U.N.O. ON PLAN. IF A(---) DIM. IS SHOWN WITH OPNG. THIS DIM. IS FROM T/SL TO CENTER OF OPNG.

TYP. RECTANGULAR OPNG. THRU CONC. BEAM

8 SCALE: N.T.S.

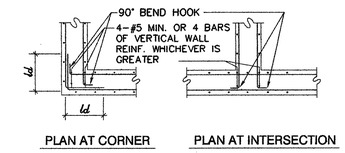


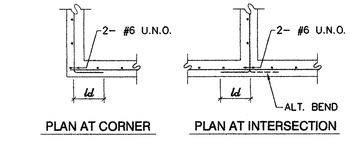
PIER REINF. SCHEDULE

SHAFT/BELL DIA.	VERT. REINF.	TIES
12/24	3 #5	#3 @ 12" O.C.
12/36	3 #5	#3 @ 12" O.C.
16/48	8 #5	#3 @ 12" O.C.
12/36	4 #5	#3 @ 12" O.C.
16/48	6 #5	#3 @ 12" O.C.
18/54	8 #5	#4 @ 12" O.C.
20/60	8 #6	#4 @ 12" O.C.
22/66	8 #6	#4 @ 12" O.C.
24/72	8 #7	#4 @ 12" O.C.
30/84	8 #8	#4 @ 12" O.C.
30/90	8 #8	#4 @ 12" O.C.

TYPICAL PIER DETAIL

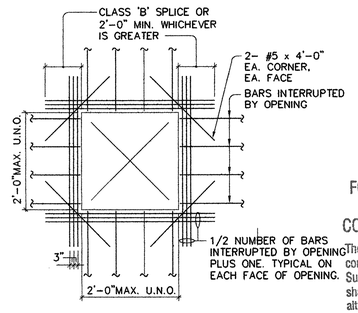
4 SCALE: N.T.S.





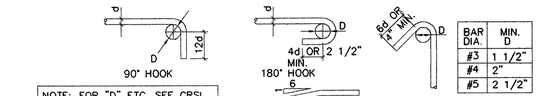
TYPICAL WALL OR BEAM CORNER BAR PLACING DETAIL

5 SCALE: N.T.S.



TYP. ADDL. BAR PLACING DETAIL FOR WALL OR SLAB OPENINGS

6 SCALE: N.T.S.



BAR DIA.	MIN. D
#3	1 1/2"
#4	2"
#5	2 1/2"

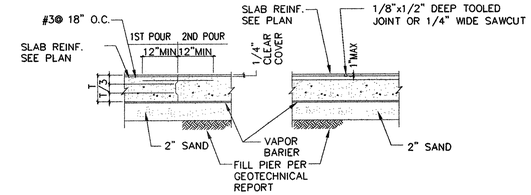
NOTE: FOR "D" ETC. SEE CRSI HAND BOOK GOVERNING EDITION

PRINCIPAL REINFORCING — TIE OR STIRRUP

NOTES:
1. ALL BENDS SHALL BE MADE COLD.
2. #14 AND #18 BARS SHALL BE BEND-TESTED AND APPROVED PRIOR TO BENDING.

BAR BENDING DETAILS

1 SCALE: N.T.S.



-PROVIDE CONSTRUCTION JOINT SUCH THAT AREA WITHIN JOINTS DOES NOT EXCEED 1,500 SF. PER POUR
-IF POUR EXCEEDS 1,500 SF. PROVIDE CONTROL JOINT AS SHOWN ON DET. 1B

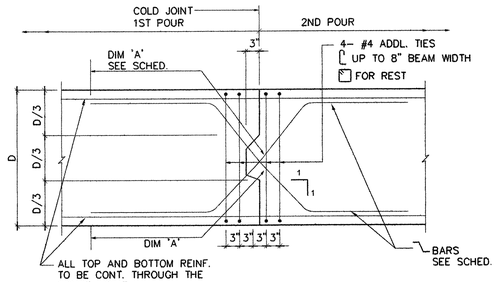
-PROVIDE CONTROL JOINT SUCH THAT AREA WITHIN CONSTRUCTION JOINTS DOES NOT EXCEED 800 SQ. FEET
-SAWCUT MUST BE MADE WITHIN 12 HOUR OF PLACING CONCRETE

(A) SLAB ON GRADE CONSTRUCTION JOINT (B) SLAB ON GRADE CONTROL JOINT

SLAB ON GRADE JOINTS

2 SCALE: N.T.S.

NOTE: SLAB TO BE POURED ON VAPOR BARRIER WITH 2" SAND FILL.



TYPICAL CONSTRUCTION JOINT DETAIL BEAM

3 SCALE: N.T.S.

NOTE: BEAM REINFORCING NOT SHOWN FOR CLARITY.

APPROVED
FOR BUILDING PERMIT ONLY
CITY OF HOUSTON
CODE ENFORCEMENT DIVISION
The owner is responsible for compliance with the Building Code. Such approved plans and specifications shall not be changed, modified or altered without authorizations from the building official, and all work shall be done in accordance with the approved plans.
NO. 368

JOINT REINF. SCHEDULE

BEAM WIDTH IN.	BAR SIZE	DIMENSION 'A'
UP TO 6"	1 #6	4'-8
7" TO 16"	2 #6	4'-8
17" TO 24"	2 #7	6'-9
25" TO 36"	3 #7	6'-9

Community Family Centers
Centros Familiares de la Comunidad

John P. McGovern, M.D.
Community Sports & Recreation Building
7318 AVENUE F
HOUSTON, TEXAS 77011

THAT'S ARCHITECTURE
2402 COMMONWEALTH #100, HOUSTON, TX 77006
TELEPHONE 713/222-1406 FAX 713/222-1506

STATE OF TEXAS
R.D.PATEL
85114
LICENSED PROFESSIONAL ENGINEER
8/7/06

ISSUES & REVISIONS

1	8/7/06	ISSUED FOR PERMIT

SHEET TITLE
TYPICAL DETAILS CONCRETE

PROJECT NO. 2001-30
SCALE AS NOTED

SHEET NUMBER
S 0.1