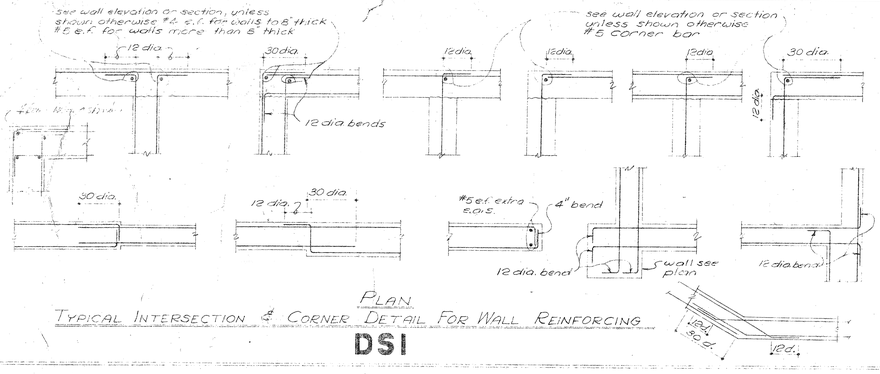
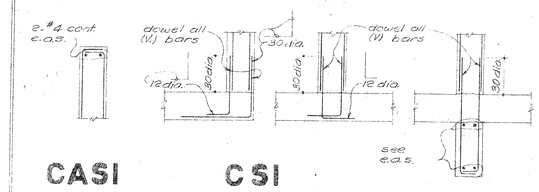


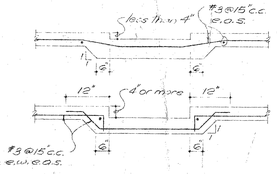
TYPICAL INTERSECTION & CORNER DETAIL FOR WALL REINFORCING

DSI



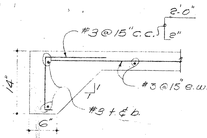
CASI **CSI** **BBSI** **BASI** **BSI** **ABSI** **AASI** **ASI**

TYPICAL INTERSECTIONS WALLS AND FLOORS



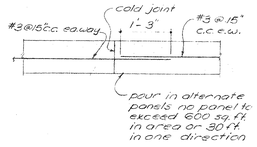
TYPICAL DEPRESSION AT SLAB ON GRADE

DBSI



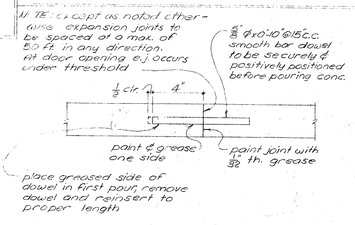
TYPICAL SLAB ON GRADE END CONDITION

DASI



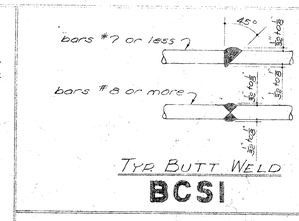
SLAB ON GRADE TYP. CONSTRUCTION JOINT

CCSI



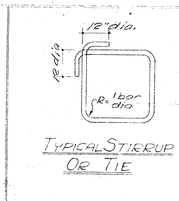
SLAB ON GRADE TYP. EXPANSION JOINT

CBSI

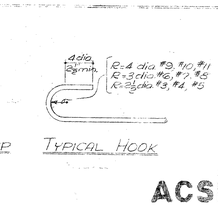


TYP. BUTT WELD

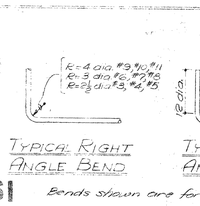
BCSI



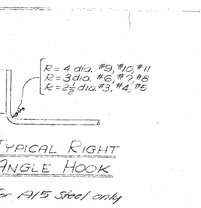
TYPICAL STIRRUP OR TIE



TYPICAL HOOK

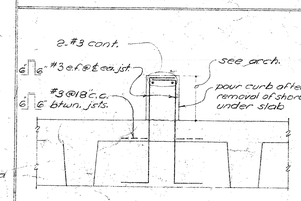


TYPICAL RIGHT ANGLE BEND



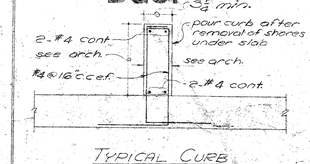
TYPICAL RIGHT ANGLE HOOK

ACSI Bends shown are for A15 Steel only



TYPICAL CURB AT WAFFLE SLAB

BCSI



TYPICAL CURB

BHSI

CLEARANCES FOR REINF. STEEL. FACE OF CONC. TO FACE OF STEEL UNLESS SHOWN OTHERWISE	
Precast - ea. face	¾"
Exterior face poured in place walls	1"
Joist bottom	1½" clr. to main bars
Joist side of web	¾" clr. to stirp.
Joist top	1" clr. to main bars of topping slab
Walls below grade (other than retaining walls)	2"
All other walls	1"
Bars in beam	1½"
Slab top & bottom	¾"
Grade beams poured against forms	2"
Grade beams poured against ground	3"
Columns vertical bars	1½"
DIMENSIONS ARE TO THE EXTERIOR FACES OF THE MAIN REINF. BARS	

BDSI

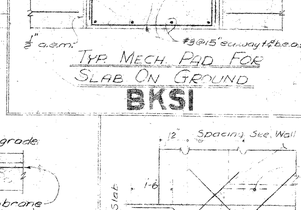
TYPICAL WALL STEEL EXCEPT AS SHOWN OTHERWISE

WALL THICKNESS	VERTICAL BARS	HORIZONTAL BARS
6"	#4 @ 15" c.c. e.f.	#3 @ 15" c.c. e.f.
7" or 8"	#4 @ 16" c.c. e.f.	#3 @ 11" c.c. e.f.
9" or 10"	#4 @ 16" c.c. e.f.	#3 @ 9" c.c. e.f.
11" or 12"	#4 @ 12" c.c. e.f.	#4 @ 12" c.c. e.f.

BESI

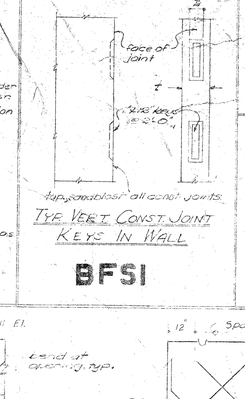
TYPICAL MECHANICAL PAD

BJSI



TYP. MECH. PAD FOR SLAB ON GROUND

BKSI

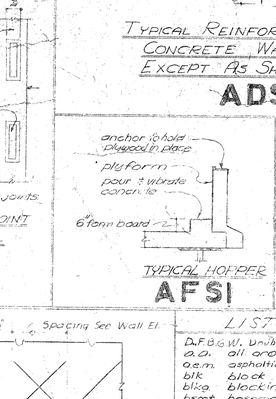


TYP. VERT. CONST. JOINT KEYS IN WALL

BFSI

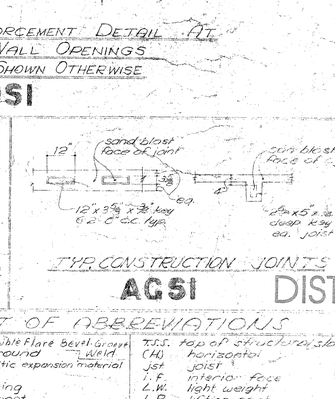
TYPICAL REINFORCEMENT DETAIL AT CONCRETE WALL OPENINGS EXCEPT AS SHOWN OTHERWISE

ADSI



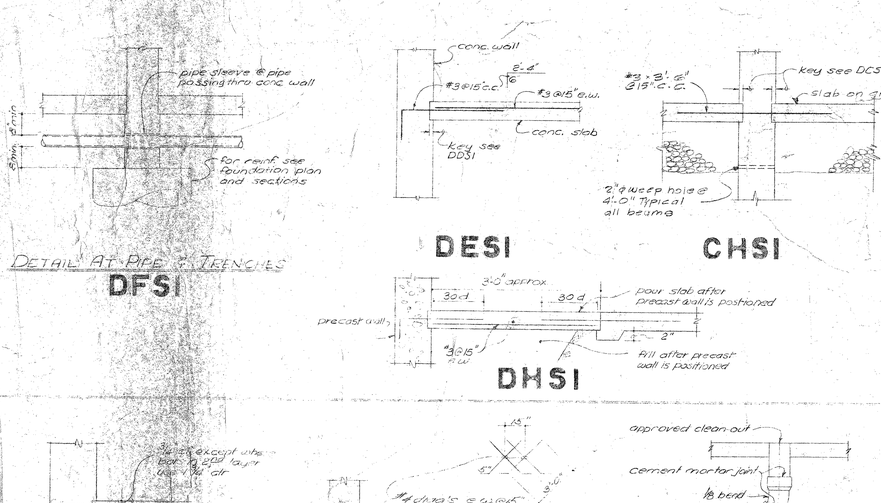
TYPICAL HOPPER

AFSI



TYP CONSTRUCTION JOINTS

AGSI

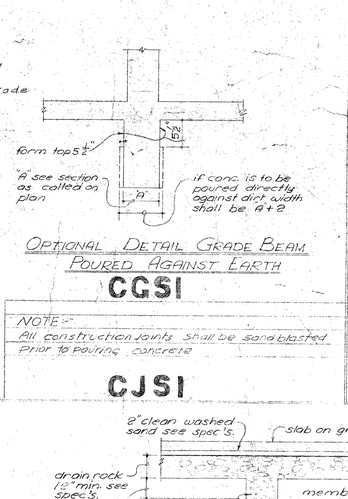


DETAIL AT PIPE TRENCHES

DFSI

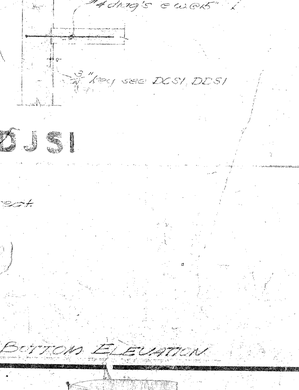
DESI

CHSI



OPTIONAL DETAIL GRADE BEAM POURED AGAINST EARTH

CGSI



DHSI

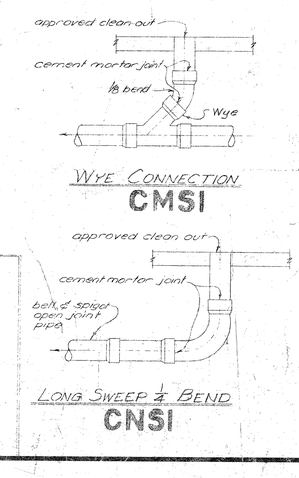
NOTE:-
All construction joints shall be sand blasted prior to pouring concrete

CJSI

DGSI **DJSI**

DKSI

TYP. DETAIL AT CHANGE IN WALL BOTTOM ELEVATION

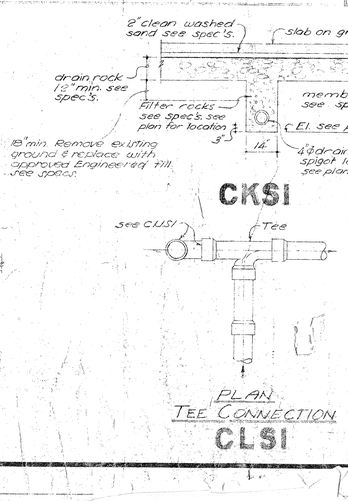


WYE CONNECTION

CMSI

LONG SWEEP ¼ BEND

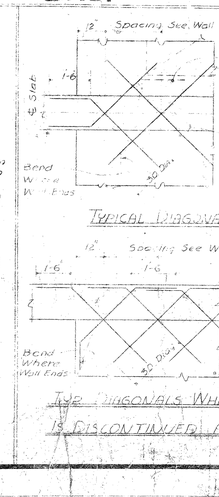
CNSI



CKSI

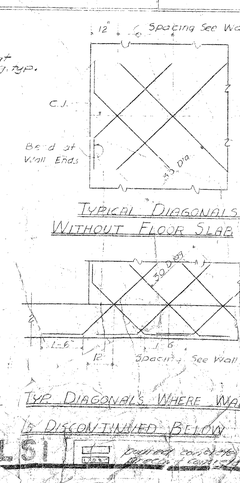
PLAN TEE CONNECTION

CLSI



TYPICAL DIAGONALS

TYP. DIAGONALS WHERE WALL IS DISCONTINUED ABOVE



TYPICAL DIAGONALS WITHOUT FLOOR SLAB

TYP. DIAGONALS WHERE WALL IS DISCONTINUED BELOW

BLSI

LIST OF ABBREVIATIONS

D.F.B.G.W.	Double Flare Bevel Groove Weld	T.O.S.	top of structural slab
a.a.	all around	(H)	horizontal
a.e.m.	asphaltic expansion material	jst	joist
blk	block	I.F.	interior face
blkg	blocking	L.W.	light weight
bsmt	basement	P.T.	jutting point
b.s.	both sides	M.W.P.	membrane waterproofing
btwn.	between	n.s.d.	near side
B.W.	butt weld	N.S.	North support
C.B.	concrete block	(n)	new
c.c.	center to center	n.s.s.	no splice permitted
c.j.	construction joint	N.T.S.	not to scale
clr.	clear	N.	North
col.	column	o.c.	on center
conc.	concrete	o.f.	outside face
cont.	continuous	P.C.	parking compound
D.A.V.B.	dowel all vertical bars	PL. #	Plate
D.A.H.B.	dowel all horizontal bars	reinf.	reinforcement
d.,dia	diameter	sec.	section
det.	detail	sched.	schedule
e.f.	each face	stirps	stirrups
e.s.d.	each side	stgd	staggered
(e)	existing	S.S.	South support
El., elev.	Elevation	S.	South
e.w.	each way	S.w.t.	set with template
eq.	equal	th.	thick
e.a.s.	except as shown otherwise	T.	toe
e.j.	expansion joint	t & b.	top & bottom
ext.	extend	typ.	typical
E.S.	East support	(V)	vertical
E.	East	W.	West
f.c.	face of concrete	w.m.	wire mesh
fnd.	foundation	W.P.	Working point
ftg.	footings	W.S.	West support
f.s.d.	far side	W.	West
F.W.	Filler Wall	w.p.	wall panel
		s.d.	side
		B.S.	Bottom of Slab
			Centerline

JOHN CARL WARNECKE F.A.I.A.
JOHN CARL WARNECKE AND ASSOCIATES
ARCHITECTS AND PLANNING CONSULTANTS
81 NEW MONTGOMERY STREET SAN FRANCISCO

ISADORE THOMPSON CIVIL ENGINEERS
KELLER & GANNON MECH. & ELEC. ENGINEERS
CARL E. KIRKER STRUCTURAL ENGINEERS

GENERAL DETAILS
TYPICAL DETAILS
BUILDING 2
SAN MATEO JUNIOR COLLEGE DISTRICT

COLLEGE OF SAN MATEO
SAN BRUNO CALIFORNIA

DISTRICT SEAL

DATE	APPROVED	NO.	REVISION DESCRIPTION	DATE

SCALE AS NOTED | JOB NO. 304 | D.B. | CHECK BY | DATE 10-'71

SHEET NUMBER S1

OF 9 SHEETS
REVISION NO.

FOR 11" X 17" PRINTS SEE HEAD

STRUCTURAL MSTR sheets General Detail Jet Fan Skill G.S.