

**NOTE:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 18 SEPT. 1978.  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE S CALIFORNIA, AS DESCRIBED IN U.S.C. & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE POINT MARK IS U.S.C. & G.S. MONUMENT STAMPED MAR. 1981  
LOCATED 2.5 MILES NORTH ALONG SHORELINE HIGHWAY FROM THE POST OFFICE IN  
BOLINAS AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WING WALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.05 FEET N.G.L.D.  
CONTOUR INTERVAL IS 2 FEET

△ SUSCOL  
BM 5457  
235.67  
O 99+12.33

56.7 (Field)  
23.5 (Plotter)

MONUMENTED CONTROL POINT  
BENCH MARK  
TRaverse STATION (NOT MONUMENTED)

PAVED ROAD  
UNPAVED PRIVATE OR UNIMPROVED ROAD  
TRAIL

SIDEWALK  
(Small scale drawing)  
RAILROADS  
(Drawn to scale)

WALL  
FENCE  
GUARD RAILING  
BUILDINGS  
(Label)

FOUNDATIONS, SLABS, PARKING AREA, RUMPS

POWER LINE  
POWER LINE (TOWER BASE TO SCALE)

PIPE  
(Label)

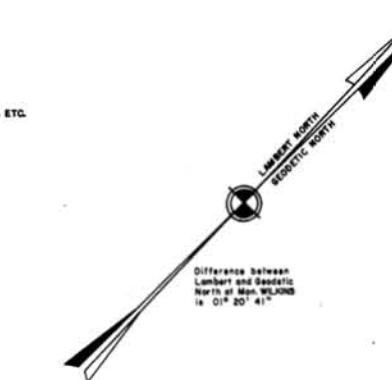
WATER SURFACE-STREAM, LAKE, POND

TANK  
RAILROADS  
(Drawn to scale)

UTILITY POLE  
CATCH BASIN

FIRE HYDRANT  
STREET LIGHT  
MANHOLE

PRINCIPAL POINT  
(Label)  
FLAGPOLE, STANDPIPE, STACK, ETC.



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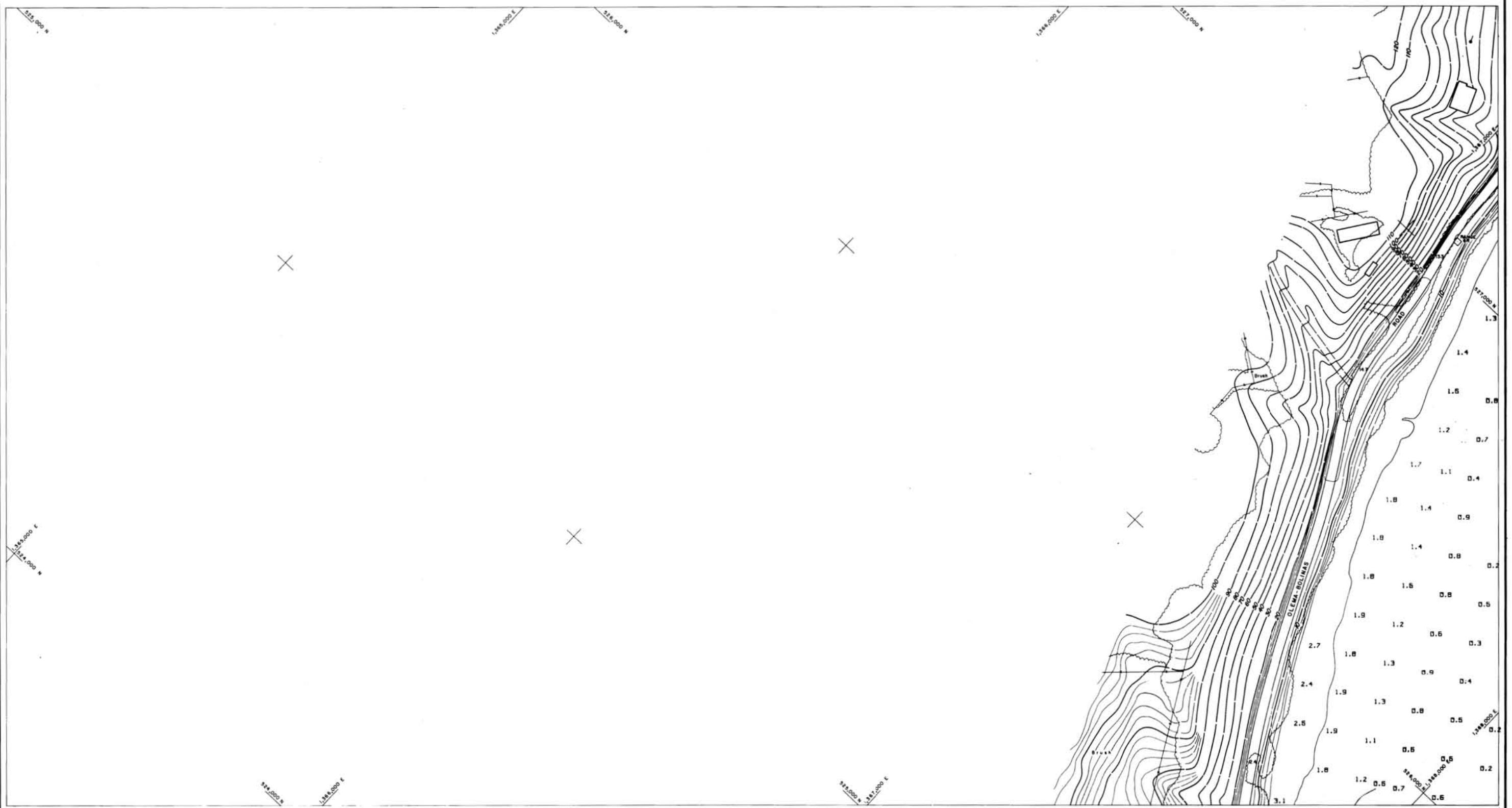
SHEET INDEX

REVISIONS		DATE	APPROVAL
TOWILL, INC.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF, DESIGN FEE BURDEN	CHIEF, DESIGN FEE BURDEN		
PREPARED UNDER THE DIRECTION OF	PREPARED UNDER THE DIRECTION OF		
JOHN M. ADST	JOHN M. ADST		
COLONEL, C.E., DISTRICT ENGINEER	COLONEL, C.E., DISTRICT ENGINEER		
DRAWING NUMBER			

100 0 100 200 300 400  
SCALE IN FEET



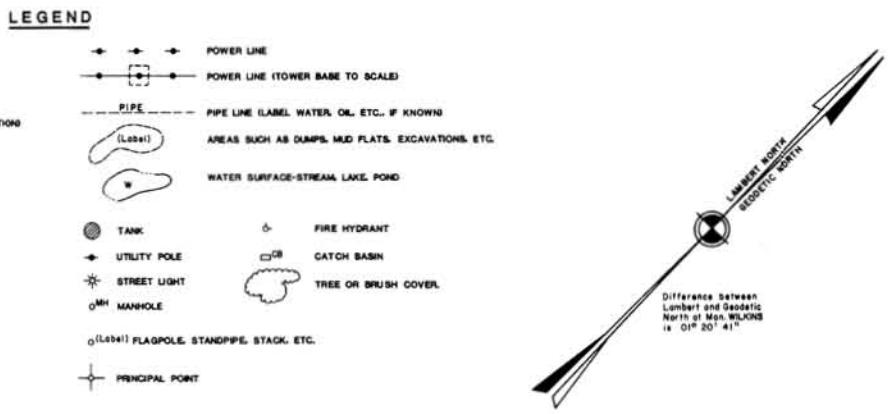




**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 18 SEPT. 1975  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.C. & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL  
REFERENCE BEARING MARK IS A U.S.C. & G.S. BRONZE DISK STAMPED M46Q 1951  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS, APPROX. 100 FEET WEST OF THE TOP OF THE SOUTHWEST  
WALL, APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.03 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET

△ SURCOL	MONUMENTED CONTROL POINT
X BM 9457	BENCH MARK
○ 235.67	TRAVERSE STATION (NOT MONUMENTED)
O 99+12.33	
56.7 (Field)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
23.5 (Plotter)	
— FIRST ST.	PAVED ROAD
— UNPAVED, PRIVATE OR UNPROVED ROAD	
— TRAIL	
— SIDEWALK	
(Small scale drawing) — DRAW TO SCALE	RAILROADS
— WALL	WALLS-RETAINING WALL, SEAWALL, ETC.
— FENCE	
— GUARD RAILING	
— BUILDINGS	
(Label) — FOUNDATIONS, SLABS, PARKING AREA, RINGS	
— CULVERT, BRIDGE	

◆ MONUMENTED CONTROL POINT	POWER LINE
● BENCH MARK	POWER LINE (TOWER BASE TO SCALE)
○ 99+12.33	PIPE
56.7 (Field)	PIPE LINE (LABEL WATER, OIL, ETC., IF KNOWN)
23.5 (Plotter)	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
— FIRST ST.	WATER SURFACE-STREAM, LAKE, POND
— UNPAVED, PRIVATE OR UNPROVED ROAD	
— TRAIL	
— SIDEWALK	
(Small scale drawing) — DRAW TO SCALE	RAILROADS
— WALL	WALLS-RETAINING WALL, SEAWALL, ETC.
— FENCE	
— GUARD RAILING	
— BUILDINGS	
(Label) — FOUNDATIONS, SLABS, PARKING AREA, RINGS	
— CULVERT, BRIDGE	
◆ MONUMENTED CONTROL POINT	POWER LINE
● BENCH MARK	POWER LINE (TOWER BASE TO SCALE)
○ 99+12.33	PIPE
56.7 (Field)	PIPE LINE (LABEL WATER, OIL, ETC., IF KNOWN)
23.5 (Plotter)	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
— FIRST ST.	WATER SURFACE-STREAM, LAKE, POND
— UNPAVED, PRIVATE OR UNPROVED ROAD	
— TRAIL	
— SIDEWALK	
(Small scale drawing) — DRAW TO SCALE	RAILROADS
— WALL	WALLS-RETAINING WALL, SEAWALL, ETC.
— FENCE	
— GUARD RAILING	
— BUILDINGS	
(Label) — FOUNDATIONS, SLABS, PARKING AREA, RINGS	
— CULVERT, BRIDGE	

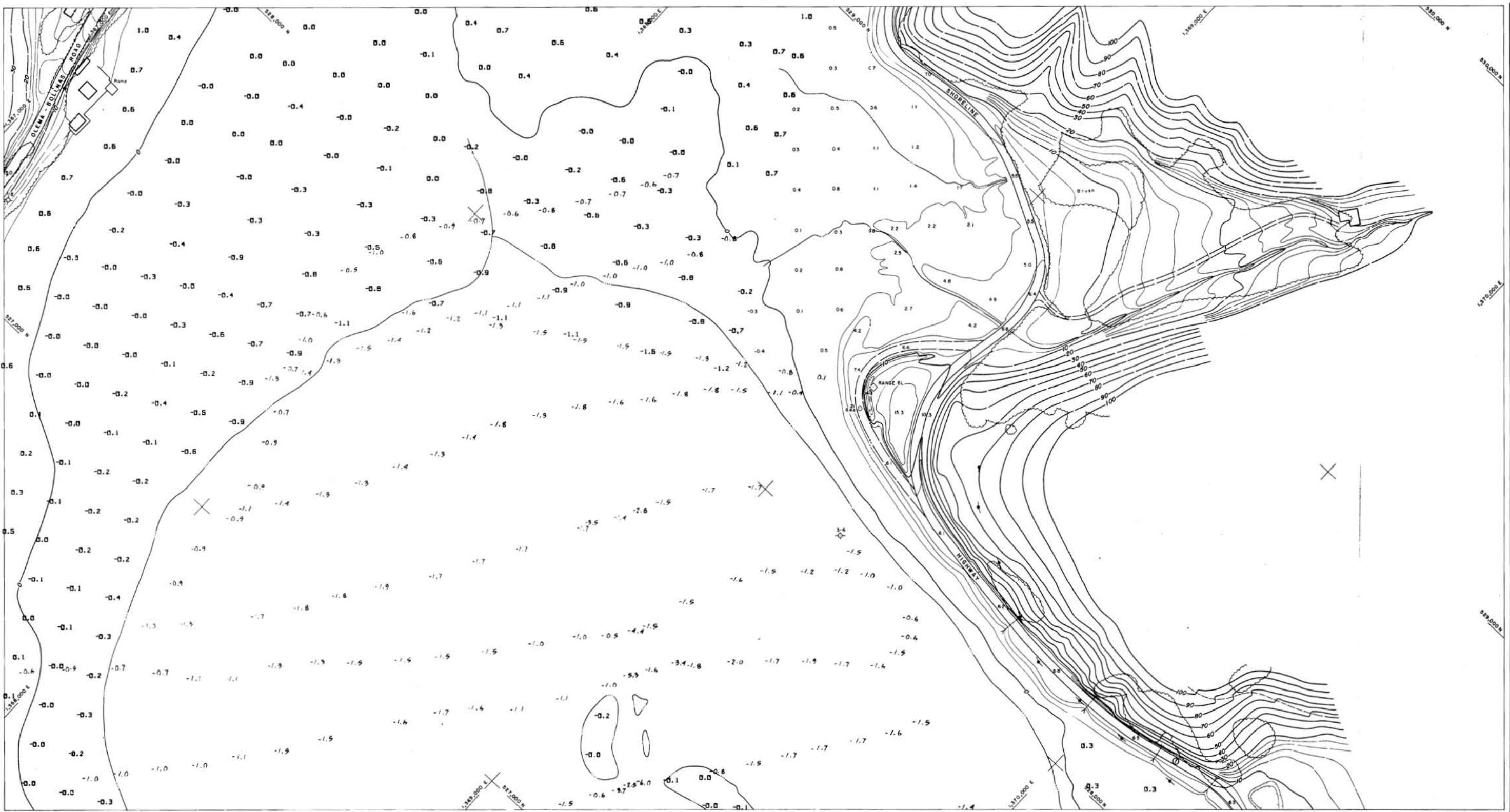


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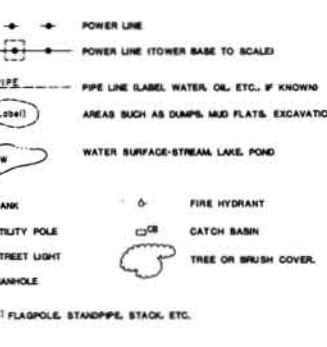
SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS	
Towill, Inc.	U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA
DRAWN BY:	MARIN COUNTY
TRACED BY:	CALIFORNIA
CHECKED BY:	
SUBMITTED:	
APPROVAL RECOMMENDED:	APPROVED:
COL. DESIGN FOR SEARCH	DATE:
PREPARED UNDER THE DIRECTION OF: JOHN M. ADSET	SCALE: 1": 100' 000'
COLONEL, C.E. DISTRICT ENGINEER	DRAWING NUMBER
SHEET 5 OF 20	



NOTES:  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 18 SEPT. 1978.  
PLANE GRID BEARING AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.C.G. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BENCH MARK IS A U.S.G. & G. BRONZE DISK STAMPED MARCH 1951  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS, APPROX. 400 FEET NORTH OF THE TOP OF THE SWEEP  
WHEWELL. APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 15.03 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET.



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SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS		DATE	APPROVAL
Towill, Inc.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF, DESIGN & DRAWING	CHIEF, INSPECTION & FIELD		
PREPARED UNDER THE DIRECTION OF	SCALE: 1": 100'	Job No.	
JOHN M. ADST			
COLONEL, C.E., DISTRICT ENGINEER	DRAWING NUMBER		
SHEET 6 OF 30			



**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 18 SEPT. 1978.  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.C. & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BENCH MARK IS A U.S.C. & G.S. BRONZE DISK STAMPED M48Q 1951  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS AT APPROX. 400 FEET NORTH OF THE DULCH CREEK, IN THE TOP OF THE SOUTHWEST  
WING WALL APPROX. 400 FEET NORTH OF BOULNAS UNION SCHOOL.  
ELEVATION IS 16.93 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET.

△ SURCOL	MONUMENTED CONTROL POINT
✗ BM 5457	BENCH MARK
235.67	TRaverse STATION (NOT MONUMENTED)
0 99+12.33	
56.7 (Field)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
23.5 (Plotter)	
FIRST ST.	PAVED ROAD
—	UNPAVED, PRIVATE OR UNPROVED ROAD
—	TRAIL
—	SIDEWALK (Small scale drawing) (Drawn to scale)
—	RAILROADS
—	WALL
—	WALLS-RETAINING WALL, SEAWALL, ETC.
—	FENCE
—	GUARD RAILING
—	BUILDINGS
—	FOUNDATIONS, BLASTS, PARKING AREA, PLENS
—	CULVERT, BRIDGE

— + — + —	POWER LINE
● — ● — ●	POWER LINE (TOWER BASE TO SCALE)
—	PIPE
—	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
(Label)	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
W	WATER SURFACE-STREAM, LAKE, POND
—	TANK
—	FIRE HYDRANT
—	UTILITY POLE
—	CATCH BASIN
—	STREET LIGHT
—	TREE OR BRUSH COVER
—	MANHOLE
(Label)	FLAGPOLE, STANDPIPE, STACK, ETC.
+	PRINCIPAL POINT

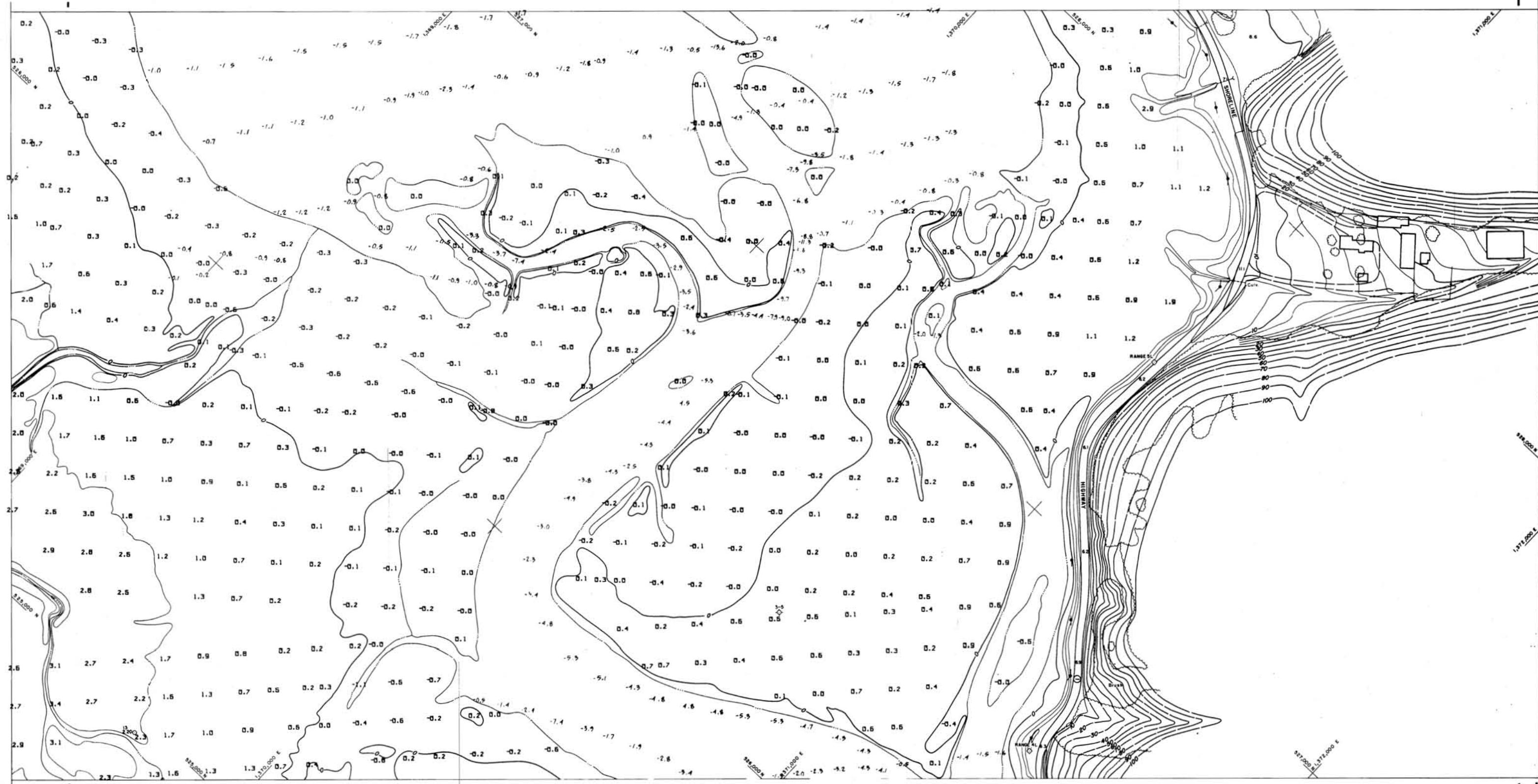


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SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS		DATE	APPROVAL
Towill, Inc.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY CALIFORNIA		
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF, DESIGN & BRANCH	CHIEF, ENGINEERING SECTION		
PREPARED UNDER THE DIRECTION OF	JOHN M. ADST	SCALE: 1": 100'	JOB NO.
COLONEL, C.E., DISTRICT ENGINEER		DRAWING NUMBER	
BOLINAS LAGOON		SHEET 7 OF 20	
TOPOGRAPHY			



**NOTES:**  
SURVEYS BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLown 18 SEPT. 1978.  
PLANIMETRIC AND SPOT ELEVATION ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION,  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.G.S. SPECIAL PUBLICATION NO. 283.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BMCH MARK IS A U.S.C & G.S. BRONZE DISK STAMPED MAR. 1951  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS AT A BRIDGE OVER PINE GULCH CREEK, IN THE TOP OF THE SOUTHWEST  
WINGWALL, APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.05 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET

△ SURCOL	MONUMENTED CONTROL POINT
✗ BM 5457	BM 5457
235.67	235.67
○ 99+12.33	TRAVESTER STATION (NOT MONUMENTED)
56.7 (Field) 23.5 (Plotter)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
PAVED ROAD	PIPE
UNPAVED, PRIVATE OR UNIMPROVED ROAD	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
TRAIL	(Label)
BIDWALK (Small scale drawing)	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
RAILROADS (Draw to scale)	WATER SURFACE-STREAM, LAKE, POND
WALL	TANK
WALL-RETAINING WALL, SEAWALL, ETC.	FIRE HYDRANT
FENCE	UTILITY POLE
GUARD RAILING	STREET LIGHT
BUILDINGS	CATCH BASIN
FOUNDATIONS, BLASS, PARKING AREA, PAVES	MANHOLE
CULVERT, BRIDGE	(Label) FLAGPOLE, STAKEPOLE, STACK, ETC.

+	+	+	POWER LINE
+	+	+	POWER LINE (TOWER BASE TO SCALED)
+	+	+	PIPE
+	+	+	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
+	+	+	(Label)
+	+	+	WATER SURFACE-STREAM, LAKE, POND
+	+	+	TANK
+	+	+	FIRE HYDRANT
+	+	+	UTILITY POLE
+	+	+	STREET LIGHT
+	+	+	CATCH BASIN
+	+	+	MANHOLE
+	+	+	(Label) FLAGPOLE, STAKEPOLE, STACK, ETC.
+	+	+	PRINCIPAL POINT



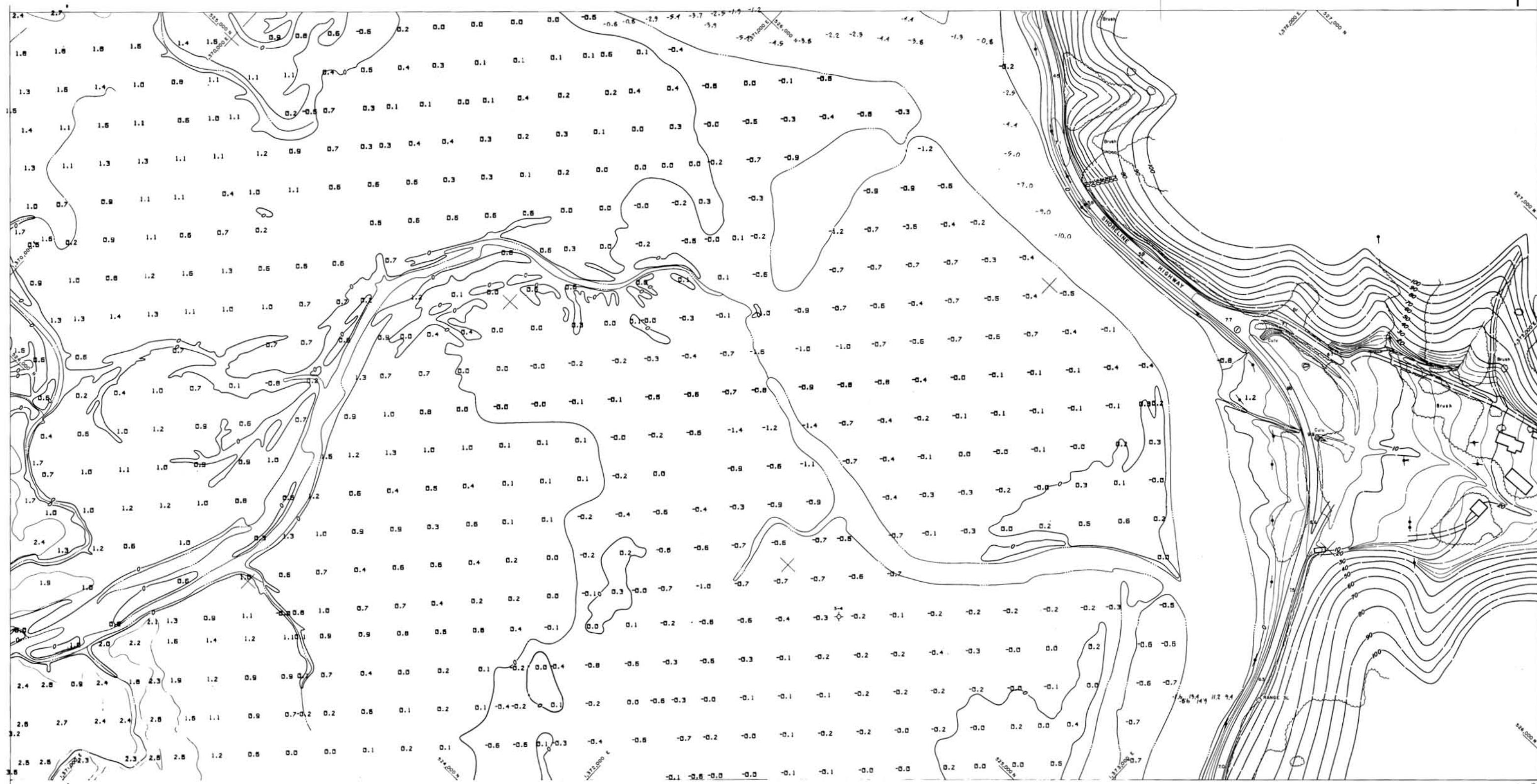
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SHEET INDEX

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SCALE IN FEET

REVISIONS	
TOWILL, INC.	
U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY
TRACED BY:	CALIFORNIA
CHECKED BY:	
SUBMITTED:	
APPROVAL RECOMMENDED:	APPROVED
COAST GUARD, SAN FRANCISCO	DATE
PREPARED UNDER THE DIRECTION OF	1:100'
JOHN M. ADRIAT	JAN 1981
COLONEL, C.E., DISTRICT ENGINEER	DRAWING NUMBER
SHEET 8 OF 80	

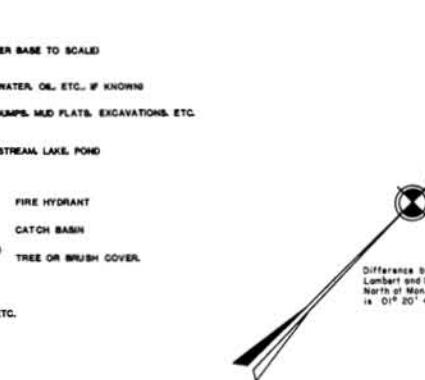




**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVAMETRIC METHOD FROM AERIAL  
PHOTOGRAPHY, BOLINAS, CALIFORNIA, SEPTEMBER 1978.  
ALL SPOT ELEVATIONS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA AS DESCRIBED IN U.S.C.G.S. SPECIAL PUBLICATION NO. 263.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BENCH MARK IS A U.S.C.G.S. BRONZE DISK STAMPED MARO 1851  
LOCATED 0.5 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WINGWALL. APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.05 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET

△	SUSCOL
×	BENCH MARK
○	MONUMENTED CONTROL POINT
○	TRaverse Station (not monumented)
54.2	(Field)
235.67	(Putter)
54.2	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
235.67	PIPE
54.2	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
235.67	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
54.2	PAVED ROAD
235.67	UNPAVED, PRIVATE OR UNIMPROVED ROAD
54.2	TRAIL
235.67	SIDEWALK (Small scale drawing)
54.2	RAILROADS (Drawn to scale)
235.67	WALL - RETAINING WALL, SEAWALL, ETC.
54.2	FENCE
235.67	GUARD RAILING
54.2	BUILDINGS
235.67	FOUNDATIONS, SLABS, PARKING AREA, RUHS
54.2	CULVERT, BRIDGE

+	POWER LINE
+	POWER LINE (TOWER BASE TO SCALED)
—	PIPE
—	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
—	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
○	WATER SURFACE-STREAM, LAKE, POND
○	TANK
○	FIRE HYDRANT
○	UTILITY POLE
○	CATCH BASIN
○	STREET LIGHT
○	TREE OR BRUSH COVER
○	MANHOLE
○	FLAGPOLE, STANDPIPE, STACK, ETC.
○	PRINCIPAL POINT



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SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS		DATE	APPROVAL
Towill, Inc.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF, DESIGN FOR BRANCH	CHIEF, ENGINEERING DIVISION		
PREPARED UNDER THE DIRECTION OF		SCALE: 1": 100'	JUN 1978
JOHN M. ADST			
COLONEL, C.E., DISTRICT ENGINEER		DRAWING NUMBER	
		SHEET	10 OF 20



NOTES:  
SURVEYED BY TOWNL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAHAMETRIC METHODS FROM AERIAL  
PHOTOGRAPHS PLATED SEPT. 1978  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION).  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.C.G. & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BEACH MARK IS A 500 LB. BRONZE DISK STAMPED MARO, 1951  
LOCATED 0.6 MILES NORTH ALONG SHORELINE HIGHWAY FROM THE POST OFFICE IN  
BOLINAS, AT A BRIDGE OVER PINE GULCH CREEK, IN THE TOP OF THE SOUTHWEST  
WINDWARD, APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.03 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET

△ SUSCOL MONUMENTED CONTROL POINT  
 X BM 5457 BENCH MARK:  
 235.67  
 O 99+12.33 TRAVERSE STATION (NOT MONUMENTED)  
 56.7 [Field] SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)

**LEGEND**

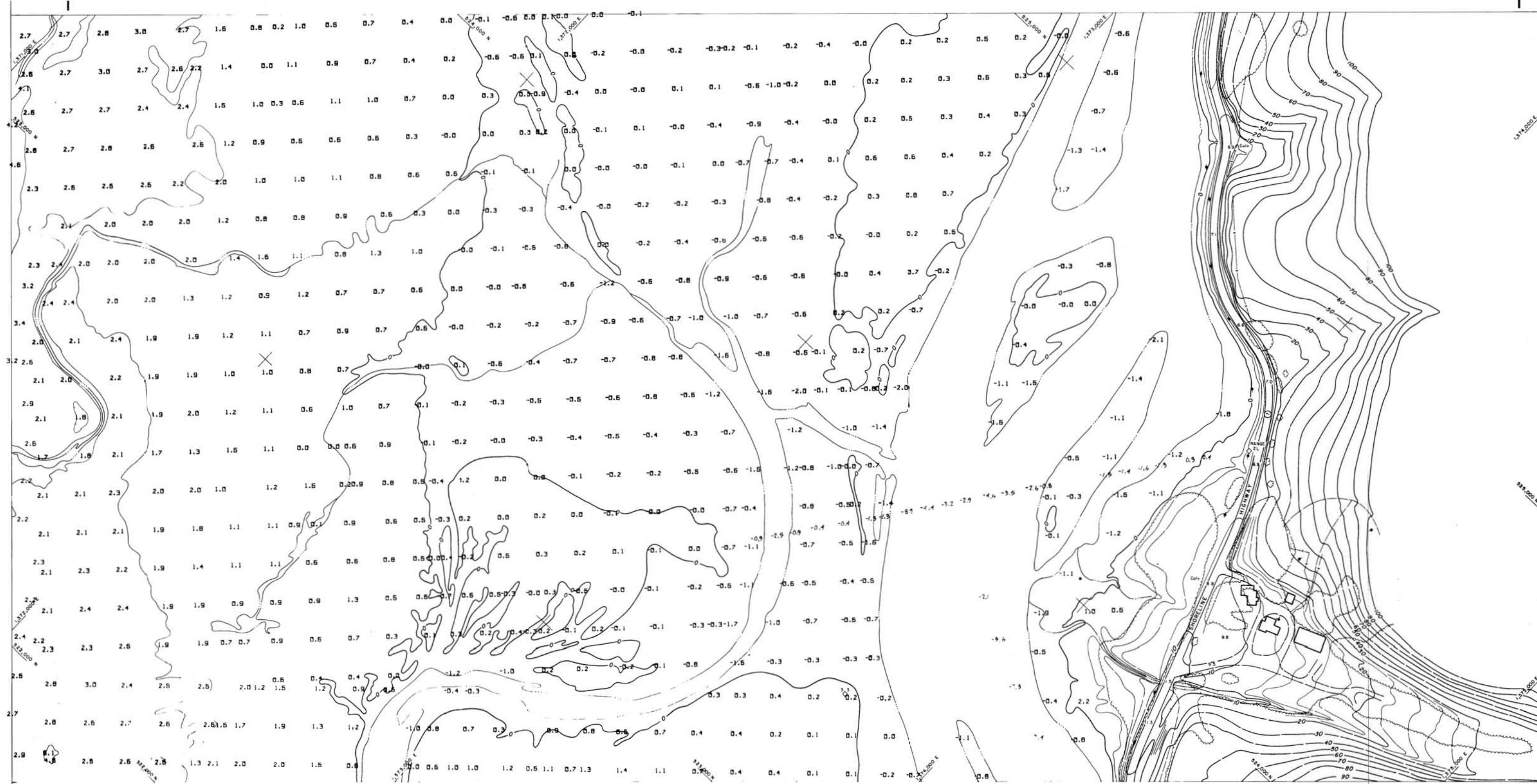
POWER LINE  
POWER LINE (TOWER BASE TO SCALE)  
PIPE  
PIPE LINE LABEL WATER, OIL, ETC., IF KNOWN



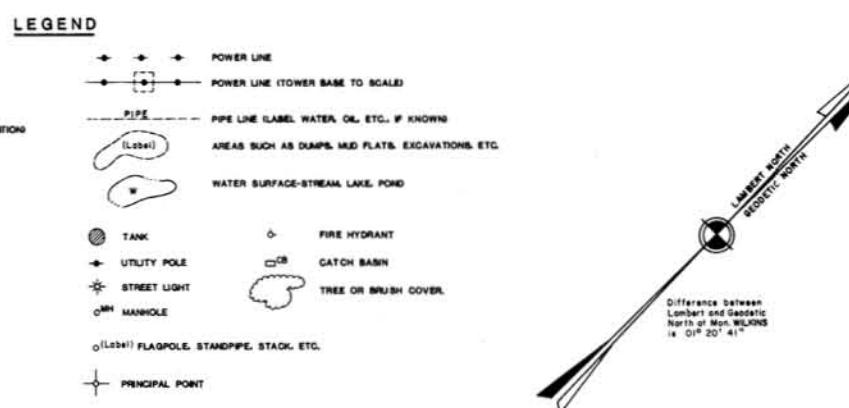
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## LEGEND

SYMBOL	DESCRIPTION		DATE APPROVAL
REVISIONS			
 10 HOWARD STREET SAN FRANCISCO CALIFORNIA 94103		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY		CALIFORNIA
TRACED BY:	<b>BOLINAS LAGOON</b>  <b>TOPOGRAPHY</b>		
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF, DESIGN FOR BRANCH  PREPARED UNDER THE DIRECTION OF JOHN M. ADST COLONEL, C.E. DISTRICT ENGINEER		CHIEF, ENGINEERING DIVISION SCALE: 1": 100' JOB NO. DRAWING NUMBER SHEET 11 OF 20	



NOTES:  
SURVEYED BY TOWILL INC FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 11 SEPT. 1978.  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.C. & G.S. SPECIAL PUBLICATION NO. 265.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BENCH MARK IS A U.S.C. & G.S. BRONZE DISK STAMPED MARO 1951  
LOCATED ON THE TOP OF THE SWEEP OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WINGHALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.03 FEET N.G.D.  
CONTOUR INTERVAL IS 2 FEET



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SHEET INDEX

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SCALE IN FEET

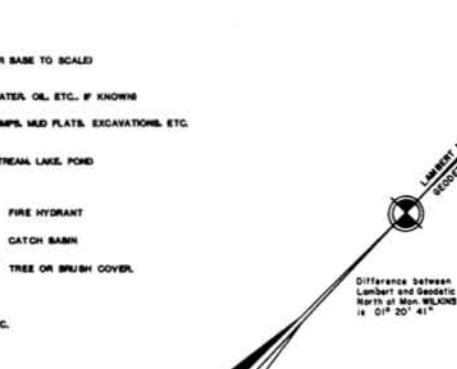
REVISIONS		DATE	APPROVAL
TOWILL, INC.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF DESIGNER SIGNATURE	CHIEF ENGINEER SIGNATURE		
PREPARED UNDER THE DIRECTION OF		SCALE: 1" : 100'	Am No.
JOHN M. ADST			
COLONEL, C.E., DISTRICT ENGINEER		DRAWING NUMBER	
		SHEET 12	OF 20



**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLIGHTS SEPT. 1978  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA AS DESCRIBED IN U.S.C & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON 1963 NAVIGATION CHARTS AND MEAN SEA LEVEL.  
REFERENCE POINT IS MARK 8 A U.S.C & G.S. SURVEY STAMPED MAR. 1951  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WINGWALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.03 FEET NGVD.  
CONTOUR INTERVAL IS 2 FEET

△ SUSCOL	MONUMENTED CONTROL POINT
✗ BM 5457	BEACH MARK
○ 99+2.33	TRAVESTER STATION (NOT MONUMENTED)
56.2 (Field)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
23.5 (Plotter)	PIPE LINE
— FIRST ST.	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
— PAVED ROAD	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
— UNPAVED, PRIVATE OR UNPROVED ROAD	WATER SURFACE-STREAM, LAKE, POND
— TRAIL	
— SIDEWALK	TANK
(Small scale drawing) (Drawn to scale)	POWER LINE
— RAILROADS	POWER LINE (TOWER BASE TO SCALE)
— WALL	PIPE
— FENCE	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
— GUARD RAILING	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
— BUILDINGS	WATER SURFACE-STREAM, LAKE, POND
(Label)	TOWER
— FOUNDATIONS, SLABS, PARKING AREA, RUNS	FIRE HYDRANT
— CULVERT, BRIDGE	CATCH BASIN

— PRINCIPAL POINT	STREET LIGHT
	MANHOLE
	FLAGPOLE, STANDPIPE, STACK, ETC.
	PRINCIPAL POINT

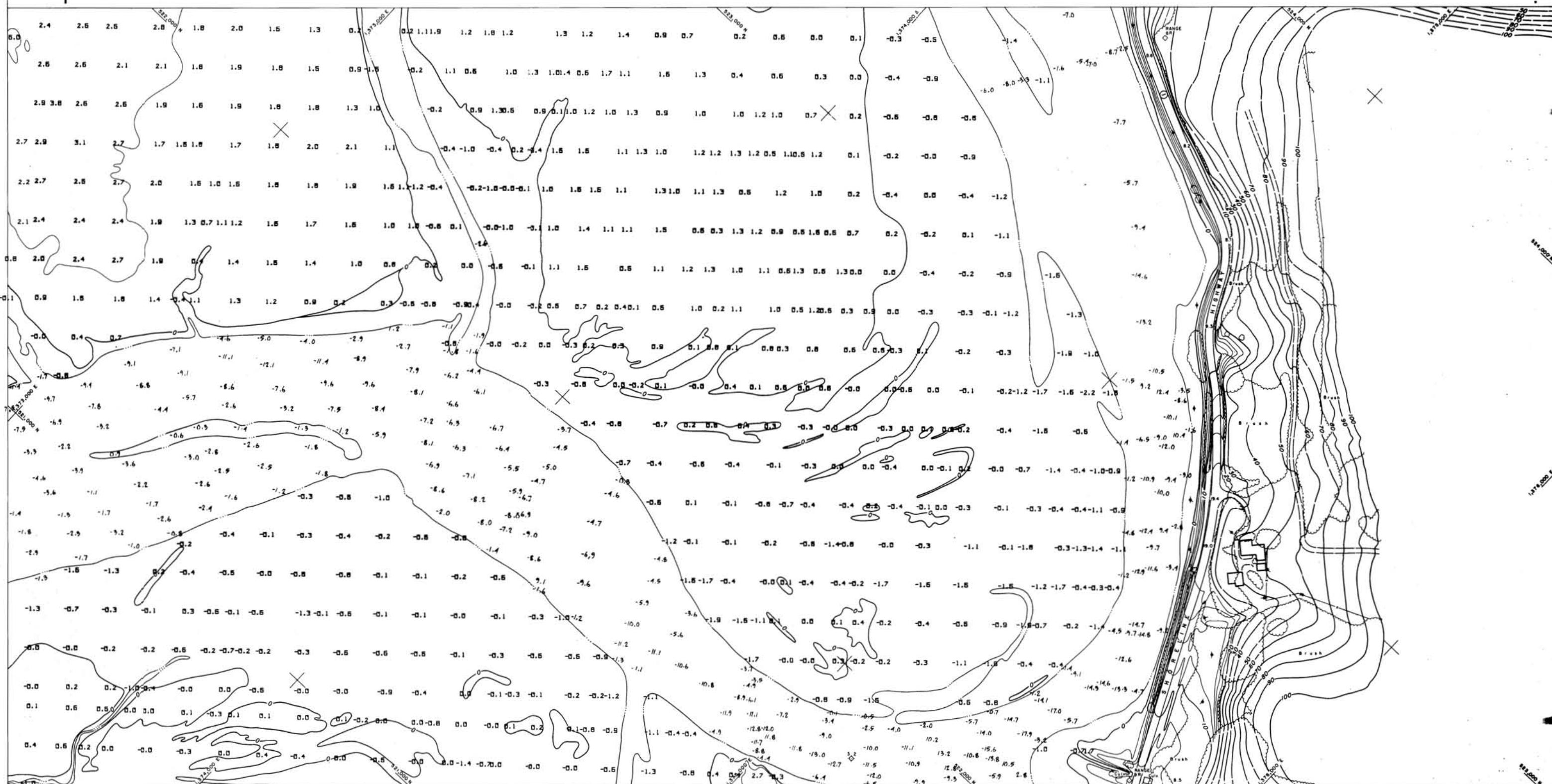


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SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS		DATE APPROVAL
TOWILL, INC.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA
DRAWN BY:	MARIN COUNTY	CALIFORNIA
TRACED BY:		
CHECKED BY:		
SUBMITTED:		
APPROVAL RECOMMENDED:	APPROVED:	DATE:
CHIEF, ENGINEER FOR SEARCH	CHIEF, ENGINEER FOR DRAWING	
PREPARED UNDER THE DIRECTION OF		SCALE: 1" : 100' Jan No.
JOHN M. ADSET		DRAWING NUMBER
COLONEL, C.E. DISTRICT ENGINEER		
SHEET 13 OF 20		



**NOTE:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
MAPS WERE COMPILED BY PHOTOGRAFIC METHODS FROM AERIAL  
PHOTOGRAPHIC FLIGHTS, MAY, 1970.  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE  
OF CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 12, CALIFORNIA, AS DESCRIBED IN I.S.C. & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE MAP NUMBER IS A U.S.C. & G.S. BRONZE DIME STRUCK MARCH, 1961  
LOCATED 0.6 MILES NORTH ALONG BROWNWOOD ROAD, FROM THE POST OFFICE IN  
BOLINAS, AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
END OF BOLINAS HILL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.03 FEET N.G.V.  
CONTOUR INTERVAL IS 2 FEET.

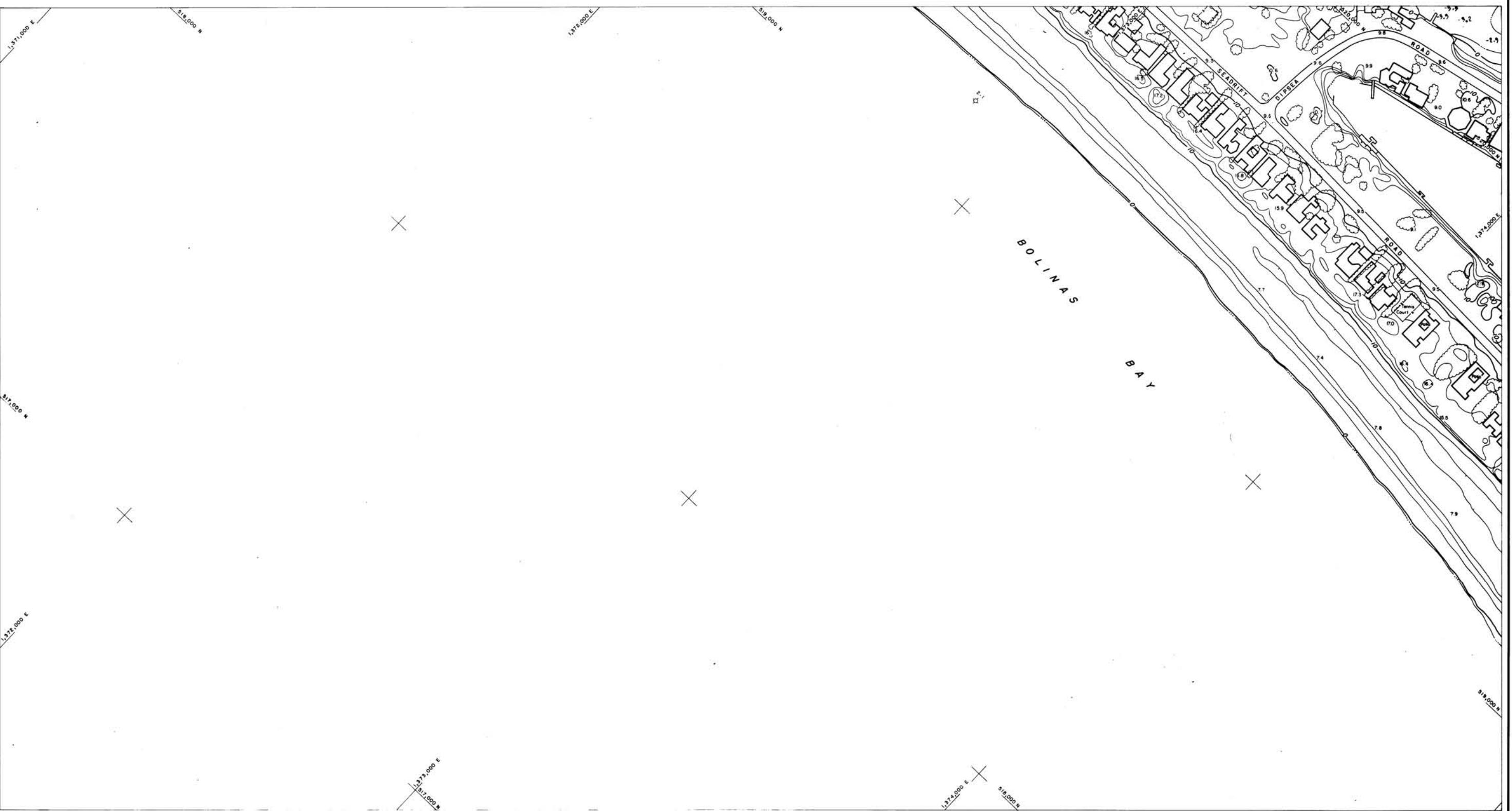
△ SUSCOL MONUMENTED CONTROL POINT  
X BM 5457 BENCH MARK  
235.67  
0 99+12.33 TRAVERSE STATION (NOT MONUMENTED)  
56.7 (Field)

E G E N D  
 POWER LINE  
 POWER LINE (TOWER BASE TO SCALED)  
 PIPE — PIPE LINE LABEL WATER, OIL, ETC., IF KNOWN

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## LEGEND

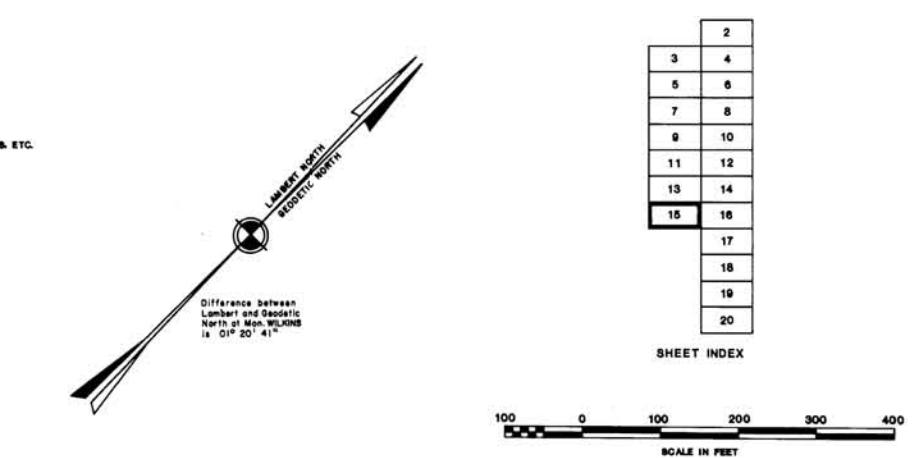
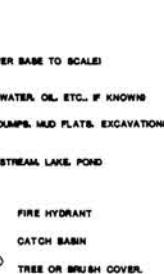
SYMBOL	DESCRIPTION	DATE APPROVAL
REVISIONS		
<b>Lowill, Inc.</b> 100 HOWARD STREET SAN FRANCISCO, CALIFORNIA 94103		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA
DRAWN BY:	MARIN COUNTY	CALIFORNIA
TRACED BY:		
CHECKED BY:		
SUBMITTED:		
BOLINAS LAGOON		
TOPOGRAPHY		
APPROVAL RECOMMENDED:	APPROVED:	DATE:
CIVIL ENGINEERING BRANCH		DEPT. OF THE ARMY
PREPARED UNDER THE DIRECTION OF		SCALE: 1" : 100'
JOHN M. ADST		LINE NO. _____
COLONEL, C.E., DISTRICT ENGINEER		DRAWING NUMBER: _____
		14 OF 20



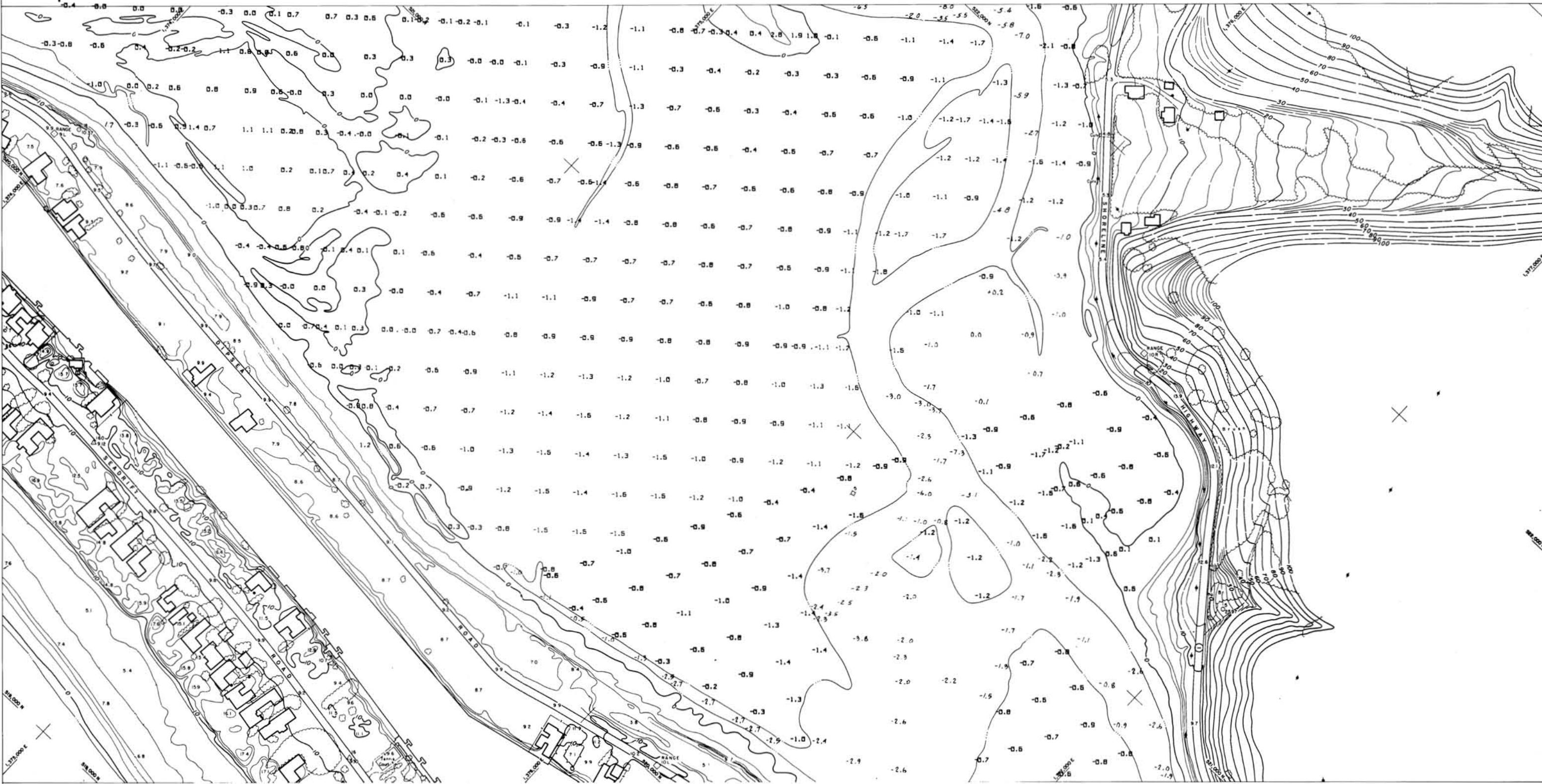
**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVEMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 14 SEPT. 1975.  
PLAN AND BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 8 CALIFORNIA AS DESCRIBED IN U.S.C. & G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATA OF THE U.S.G.S.  
REFERENCE MARK IS A U.S.G.S. BRONZE DISK STAMPED M480, 1951  
LOCATED 0.8 MILES NORTH ALONG SHOALINE HWY. FROM THE POST OFFICE IN  
BOLINAS. AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WINGWALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.05 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET.

△	SUSCOL	MONUMENTED CONTROL POINT
×	BM 5457	
	235.67	
○	99+12.33	TRAVERSE STATION (NOT MONUMENTED)
56.7	(Field)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
23.5	(Plotter)	
—	PAVED ROAD	
—	UNPAVED, PRIVATE OR UNIMPROVED ROAD	
—	TRAIL	
—	BIKE LANE	
(Small scale drawing)	RAILROADS	
(Drawn to scale)		
—	WALL	WALL-RETAINING WALL, SEAWALL, ETC.
—	FENCE	
—	GUARD RAILING	
—	BUILDINGS	
(Large)	FOUNDATIONS, BLKS., PARKING AREA, RUINS	
—	CULVERT, BRIDGE	

—	POWER LINE
—	POWER LINE (TOWER BASE TO SCALE)
—	PIPE
—	PIPE LINE (LABEL WATER, OIL, ETC. IF KNOWN)
(Large)	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
—	WATER SURFACE-STREAM, LAKE, POND
○	TANK
—	UTILITY POLE
—	FIRE HYDRANT
○	CATCH BASIN
—	STREET LIGHT
○	MANHOLE
○(Large)	FLAGPOLE, STANDPIPE, STACK, ETC.
—	PRINCIPAL POINT



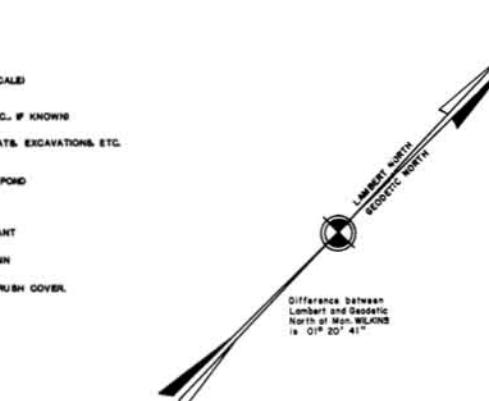
REVISIONS		
Towill, Inc.		
U.S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA		
DRAWN BY:	MARIN COUNTY	
TRACED BY:		
CHECKED BY:		
SUBMITTED:		
BOLINAS LAGOON		
TOPOGRAPHY		
APPROVAL RECOMMENDED:		
APPROVED:		
DATE:		
CIV. REGIST. FILE SEARCH		
CIV. REGIST. FILE NUMBER		
PREPARED UNDER THE DIRECTION OF		
JOHN M. ADSET		
COLONEL, C.E., DISTRICT ENGINEER		
SCALE: 1": 100' DRW. NO.		
DRAWING NUMBER		
SHEET 15 OF 20		



**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLown IN SEPT. 1978.  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA AS DESCRIBED IN U.S.G.S. SPECIAL PUBLICATION NO. 282.  
ELEVATIONS ARE BASED ON THE DATA OF MEAN SEA LEVEL.  
REFERENCE POINT IS A U.S.G.S. 1:250,000 SCALE STAMPED MARCH 1881  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS AT A BRIDGE OVER PINE BEACH CREEK, IN THE TOP OF THE SOUTHWEST  
WING WALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 18.08 FEET NGVD.  
CONTOUR INTERVAL IS 2 FEET.

△ BUSCOL	MONUMENTED CONTROL POINT
✗ BM 5457	
○ 99+12.33	
56.2 (Field)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
— FIRST ST.	PAVED ROAD
— UNPAVED, PRIVATE OR UNPROVED ROAD	
— TRAIL	
— BIKEWALK (small scale drawing)	RAILROADS
— WALL (green to scale)	WALL-RETAINING WALL, SEAWALL, ETC.
— FENCE	
— GUARD RAILING	
— BUILDINGS	
— FOUNDATIONS, SLABS, PARKING AREA, RUNS	
— CULVERT, BRIDGE	

— POWER LINE
● — POWER LINE (TOWER BASE TO SCALE)
— TRAVERSE STATION (NOT MONUMENTED)
— PIPE
— PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
— (Local)
— AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
— WATER SURFACE-STREAM, LAKE, POND
● TANK
— FIRE HYDRANT
— UTILITY POLE
— STREET LIGHT
— MANHOLE
— (Local) FLAGPOLE, STANDPIPE, STACK, ETC.
— PRINCIPAL POINT



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SHEET INDEX

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SCALE IN FEET

REVISIONS		DATE	APPROVAL
Towill, Inc.		U.S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHIEF DESIGNER BRANCH	CHIEF, ENGINEERING DIVISION		
PREPARED UNDER THE DIRECTION OF		SCALE: 1" : 100'	Line No.:
JOHN M. ASKIT		DRAWING NUMBER	
COLONEL, C.E. DISTRICT ENGINEER			
SHEET 16 OF 20			



NOTES:  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAP WAS COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPH FLOWN IN SEPT. 1971.  
PLAN GRID COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION,  
ZONE 5 CALIFORNIA, AS DESCRIBED IN U.S.C & G.S. SPECIAL PUBLICATION NO. 28A.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL, PUBLICATION NO. 28A.  
REFERENCE MONH MARK IS A U.S.C & G.S. BRONZE Disk STAMPED MAR. 1951  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WING WALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 11.03 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET

	SUSCOL	MONUMENTED CONTROL POINT
	SM 5457	
	235.87	
	0 99+2.33	
16.7	(Point)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
23.5	(Point)	PAVED ROAD
		UNPAVED, PRIVATE OR UNIMPROVED ROAD
		TRAIL
		BIDEWALK (Small scale drawing) (Drawn to scale)
		RAILROADS
		WALL
		FENCE
		GUARD RAILING
		BUILDINGS
		FOUNDATIONS, SLABS, PARKING AREA, RUNS
		CULVERT, BRIDGE

	POWER LINE
	BENCH MARK
	TRAVERSE STATION (NOT MONUMENTED)
	PIPE
	PIPE LINE LABEL WATER, OIL, ETC. IF KNOWN
	(Lands)
	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
	WATER SURFACE-STREAM, LAKE, POND
	TANK
	UTILITY POLE
	FIRE HYDRANT
	STREET LIGHT
	CATCH BASIN
	MH MANHOLE
	Tree or Brush Cover
	(Lands) FLAGPOLE, STANDPIPE, STACK, ETC.
	PRINCIPAL POINT



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SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS	
TOWILL, INC.	U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA
DRAWN BY:	MARIN COUNTY CALIFORNIA
TRACED BY:	
CHECKED BY:	
SUBMITTED:	
APPROVAL RECOMMENDED:	APPROVED:
CHIEF, ENGINEER THE BUREAU	DATE:
PREPARED UNDER THE DIRECTION OF	SCALE: 1" : 100'
JOHN M. ADIT	Drawing Number
COLONEL, C.E., DISTRICT ENGINEER	
SHEET 17 OF 20	



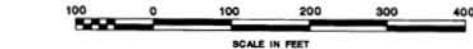
NOTES:  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAPHIC METHODS FROM AERIAL  
PHOTOGRAPH FLOWN 15 SEPT. 1978.  
PLANE GRID BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.G.S. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BENCH MARK IS A U.S.G.S. & G.S. BRONZE DISK STAMPED MARO 1951.  
LOCATED 0.4 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS, AT A BRIDGE OVER PINE GULCH CREEK, IN THE TOP OF THE SOUTHWEST  
WINGWALL, APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 18.00 FEET NGVD.  
CONTOUR INTERVAL IS 2 FEET

**LEGEND**

The diagram consists of two parallel lines representing the Earth's surface. A third line, labeled 'GEODETIC NORTH', extends from the bottom left towards the top right. A circle at the intersection of the horizontal lines contains a crosshair. The angle between the horizontal line and the 'GEODETIC NORTH' line is labeled 'Difference between LAMBERT and GEODETIC North of Map WILSONS is 0° 20' 41".

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**SHEET INDEX**



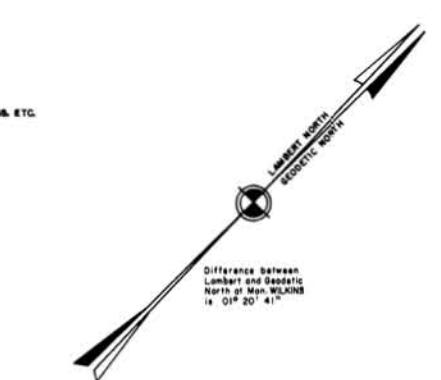
SYMBOL	DESCRIPTION		DATE	APPROVAL
REVISIONS				
 <small>800 HOWARD STREET SAN FRANCISCO CALIFORNIA 94103</small>		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA		
DRAWN BY:	MARIN COUNTY		CALIFORNIA	
TRACED BY:				
CHECKED BY:				
SUBMITTED:				
APPROVAL RECOMMENDED:	APPROVED:	DATE:		
CHIEF, DESIGN & DRAW BRANCH	CHIEF, ENGINEERING DIVISION			
PREPARED UNDER THE DIRECTION OF		SCALE: 1": 100'	JOB NO.	
JOHN M. ADST		DRAWING NUMBER		
COLONEL, C.E. DISTRICT ENGINEER		SHEET	18	OF 20



NOTES:  
SURVEYED BY TOWILL INC FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAHMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN 18 SEPT. 1978.  
PLAN AND BEARINGS AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA COORDINATE SYSTEM (LAMBERT CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA, AS DESCRIBED IN U.S.C. & G. SPECIAL PUBLICATION NO. 253.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE MAP IS U.S.G.S. 1:250,000 SCALE QUADRANGLE SHEET 4400, 1951  
LOCATED 0.8 MILES NORTH ALONG BOLINAS HIGHWAY FROM THE POST OFFICE IN  
BOLINAS, AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WING WALL APPROX. 400 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 16.05 FEET N.S.V.D.  
CONTOUR INTERVAL IS 2 FEET.

△ BUSCOL	MONUMENTED CONTROL POINT
× BM 5457	
235.67	
○ 99+12.33	BENCH MARK
	TRAVERSE STATION (NOT MONUMENTED)
56.7 (Field)	SPOT ELEVATIONS IDEMAL POINT INDICATES POSITION
23.5 (Plotter)	
— FIRST ST.	PAVED ROAD
— UNPAVED, PRIVATE OR UNIMPROVED ROAD	
— TRAIL	
— SIDEWALK	
(Small scale drawing) [Drawn to scale]	RAILROADS
— WALL	WALL-RETAINING WALL, SEAWALL ETC.
— FENCE	
— GUARD RAILING	
— BUILDINGS	
(Large)	FOUNDATIONS, SLABS, PARKING AREA, RUNS
— CULVERT, BRIDGE	

+	POWER LINE
●	POWER LINE TOWER BASE TO SCALE
—	PIPE
(Large)	Pipe line label water, oil, etc., if known
	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
	WATER SURFACE-STREAM, LAKE, POND
●	TANK
●	FIRE HYDRANT
→	UTILITY POLE
— CB	CATCH BAIN
●	STREET LIGHT
○ MH	MANHOLE
○ (Label)	TREE OR BRUSH COVER
○ (Label)	FLAGPOLE, STANDPIPE, STACK, ETC.
+	PRINCIPAL POINT

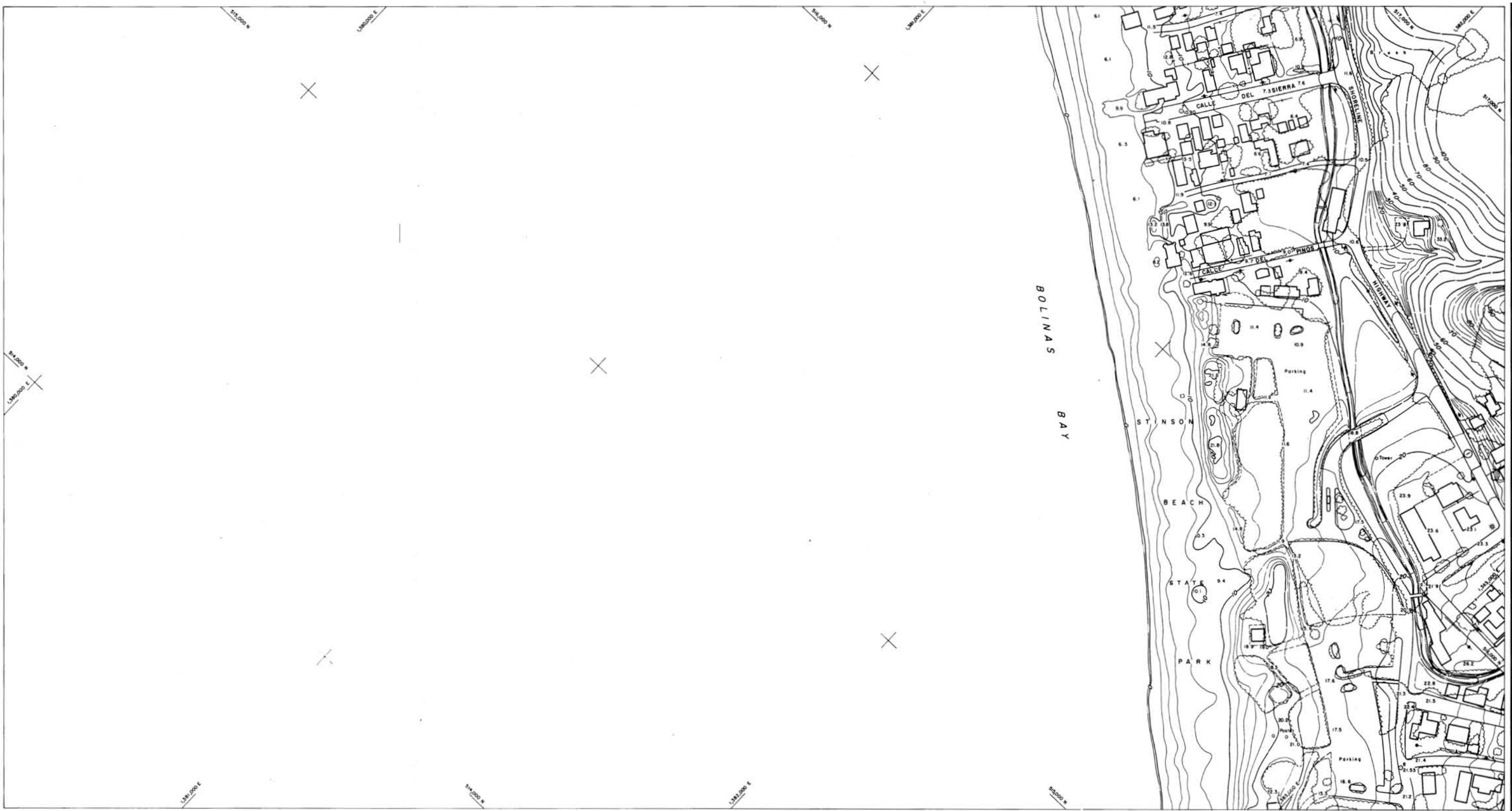


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SHEET INDEX

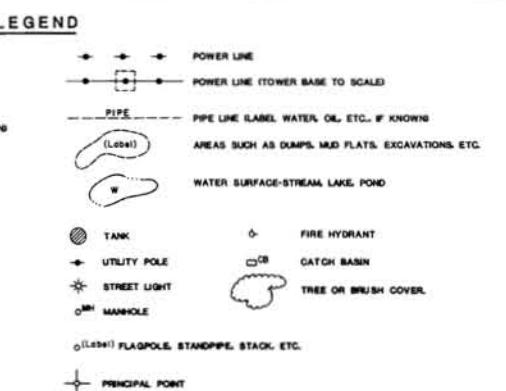
100 0 100 200 300 400  
SCALE IN FEET

REVISIONS		DATE	APPROVAL
Towill, Inc.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
CHECKED BY:			
SUBMITTED:			
APPROVAL RECOMMENDED:	APPROVED:	DATE:	
CHEF, ENGINEER FOR BUREAU	CHEF, ENGINEER FOR BUREAU		
PREPARED UNDER THE DIRECTION OF	SCALE: 1" : 100'	mm/m	
JOHN M. ADST			
COLONEL, C.E., DISTRICT ENGINEER	DRAWING NUMBER		
SHEET 19 OF 20			



**NOTES:**  
SURVEYED BY TOWILL INC. FOR THE CORPS OF ENGINEERS.  
BASE MAPS WERE COMPILED BY PHOTOGRAVIMETRIC METHODS FROM AERIAL  
PHOTOGRAPHY FLOWN IN SEPT. 1978  
PLANE GRID BEARING AND COORDINATES ARE BASED ON THE STATE OF  
CALIFORNIA GEODYNAMIC COORDINATE SYSTEM (CONFORMAL PROJECTION),  
ZONE 3 CALIFORNIA AS DESCRIBED IN U.S.C. & G.S. SPECIAL PUBLICATION NO. 283.  
ELEVATIONS ARE BASED ON THE DATUM OF MEAN SEA LEVEL.  
REFERENCE BENCH MARK IS A U.S.C. & G.S. BRONZE DISK STAMPED MAR. 1851  
LOCATED 0.8 MILES NORTH ALONG SHORELINE HWY. FROM THE POST OFFICE IN  
BOLINAS, AT A BRIDGE OVER PINE GULCH CREEK IN THE TOP OF THE SOUTHWEST  
WINGWALL, APPROX. 430 FEET NORTH OF BOLINAS UNION SCHOOL.  
ELEVATION IS 18.03 FEET N.G.V.D.  
CONTOUR INTERVAL IS 2 FEET

LEGEND	
△ SUSCOL	MONUMENTED CONTROL POINT
X BM 5457	POWER LINE
○ 99+233	POWER LINE (TOWER BASE TO SCALE)
56.7 (Field)	TRaverse Station (Not Monumented)
23.5 (Polar)	SPOT ELEVATIONS (DECIMAL POINT INDICATES POSITION)
— FIRST ST.	PIPE
— PAVED ROAD	PIPE LINE LABEL WATER/OIL, ETC., IF KNOWN
— UNPAVED, PRIVATE OR UNIMPROVED ROAD	AREAS SUCH AS DUMPS, MUD FLATS, EXCAVATIONS, ETC.
— TRAIL	WATER SURFACE-STREAM, LAKE, POND
— SIDEWALK	TANK
(Small scale drawing) (Draw to scale)	FIRE HYDRANT
RAILROADS	UTILITY POLE
— WALL	CATCH BASIN
— FENCE	STREET LIGHT
— GUARD RAILING	MANHOLE
— BUILDINGS	(Light) FLAGPOLE, STANDPIPE, STACK, ETC.
(Large)	PRINCIPAL POINT
— FOUNDATIONS, SLABS, PARKING AREA, RUNS	
— CULVERT, BRIDGE	



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SHEET INDEX

100 0 100 200 300 400  
SCALE IN FEET

REVISIONS		DATE	APPROVAL
Towill, Inc.		U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS SAN FRANCISCO, CALIFORNIA	
DRAWN BY:	MARIN COUNTY	CALIFORNIA	
TRACED BY:			
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PREPARED UNDER THE DIRECTION OF: JOHN M. ADIT COLONEL, C.E., DISTRICT ENGINEER		SCALE: 1" : 100'	Sheet No.
		DRAWING NUMBER	
		20	OF 20