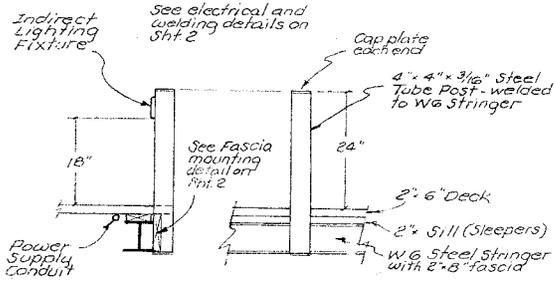
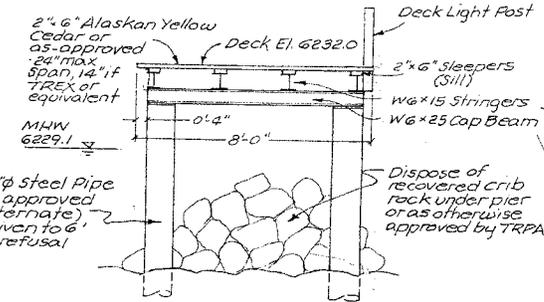


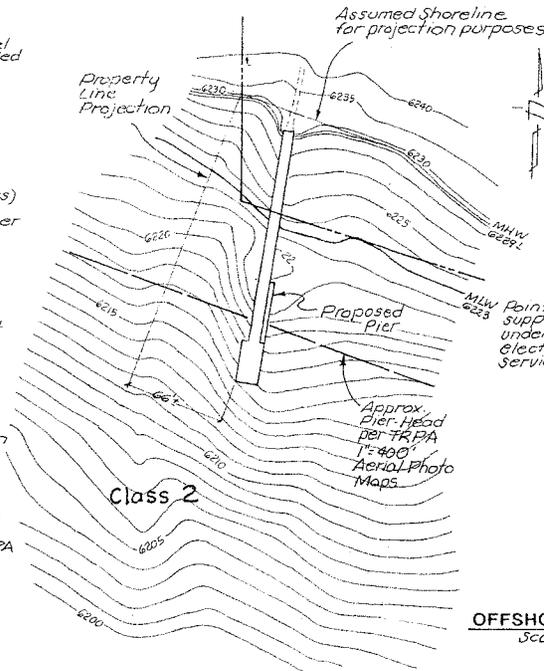
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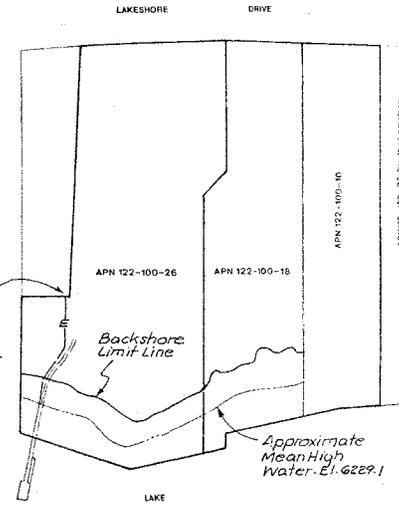
DECK LIGHTING DETAIL
Scale: 1" = 1'-0"



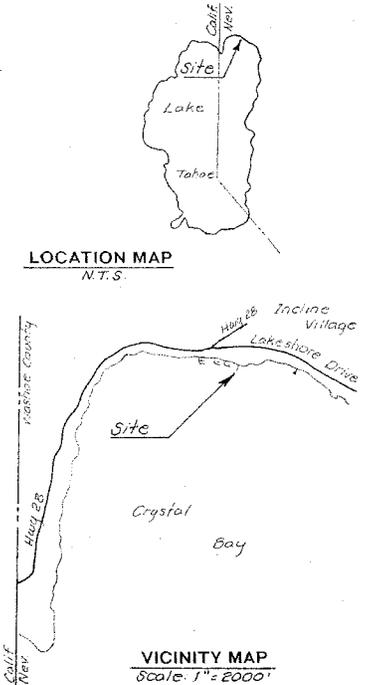
TYPICAL SECTION THROUGH PIER
Scale: 1/2" = 1'-0"



OFFSHORE BATHYMETRY
Scale: 1" = 40'

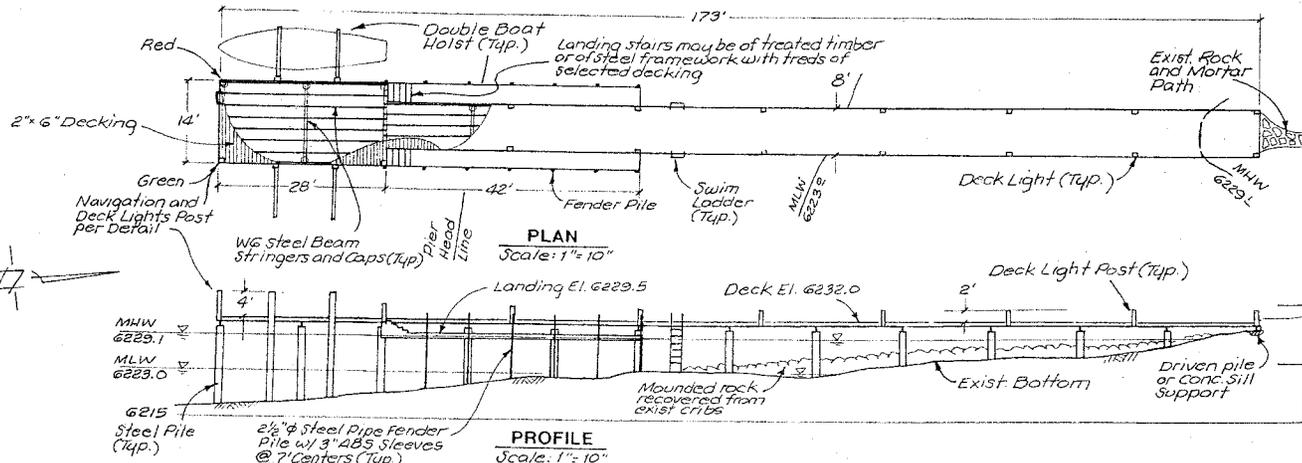


MULTIPLE USE APPLICANTS
Scale: 1" = 100'



LOCATION MAP
N.T.S.

VICINITY MAP
Scale: 1" = 2000'



PLAN
Scale: 1" = 10'

PROFILE
Scale: 1" = 10'

GENERAL NOTES		SHEET INDEX	
1. CONTRACTOR SHALL HAVE THE APPROVED TRPA PERMIT AND STAMPED PLANS ON SITE AT ALL TIMES DURING CONSTRUCTION.		TITLE SHEET, VICINITY AND LOCATION MAPS, PLAN, PROFILE AND DETAILS OF PROPOSED PIER, AND OWNER INFORMATION	1
2. CONTRACTOR SHALL COMPLY WITH THE TRPA SPECIAL AND STANDARD CONDITIONS OF APPROVAL SET FORTH IN THE PERMIT.		PROJECT NARRATIVE, DETAILS OF EXISTING TIMBER CRIB PIER AND ROCK SOURCES, TECHNICAL SPECIFICATIONS AND DETAILS	2
3. CONTRACTOR SHALL CONTACT TRPA FOR A PRE-CONSTRUCTION ON-SITE MEETING AFTER HAVING ON-SITE THE DISCHARGE PREVENTION AND CLEAN-UP MATERIALS THAT ARE PROPOSED FOR USE DURING DEMOLITION OF THE EXISTING PIER AND RECOVERY OF CRIB ROCK IN ORDER TO COMPLY WITH THE APPROVAL CONDITIONS OF THE TRPA PERMIT.			
NAMES AND ADDRESSES OF APPLICANTS			
APN 122-100-26 Finkack 2000 Trust Post Office Box 8852 Incline Village, NV 89452 Ruth L. Page, Trustee	APN 122-100-18 Jazz 2000, LLC c/o Manager, TBZ, Inc. a Nevada Corporation Post Office Box 7800 Incline Village, NV 89452	APN 122-100-10 Spike 2000, LLC c/o Manager, George Ashley Post Office Box 7800 Incline Village, NV 89452	Sheet No.
PROJECT ENGINEER		PROJECT PLANNING CONSULTANT	
EARL G. HAGADORN, P.E. CONSULTING CIVIL ENGINEER POST OFFICE BOX 1922 TAHOE CITY, CA 96145 530-575-9584	BARRY D. MIDKIFF MIDKIFF AND ASSOCIATES, INC. POST OFFICE BOX 12427 ZEPHYRUS COVE, NV 89448 775-588-1080	Jan Bocco BOY (BOB) TAHOE CITY CA 96145 530-585-6853 BOB@BOB.COM	

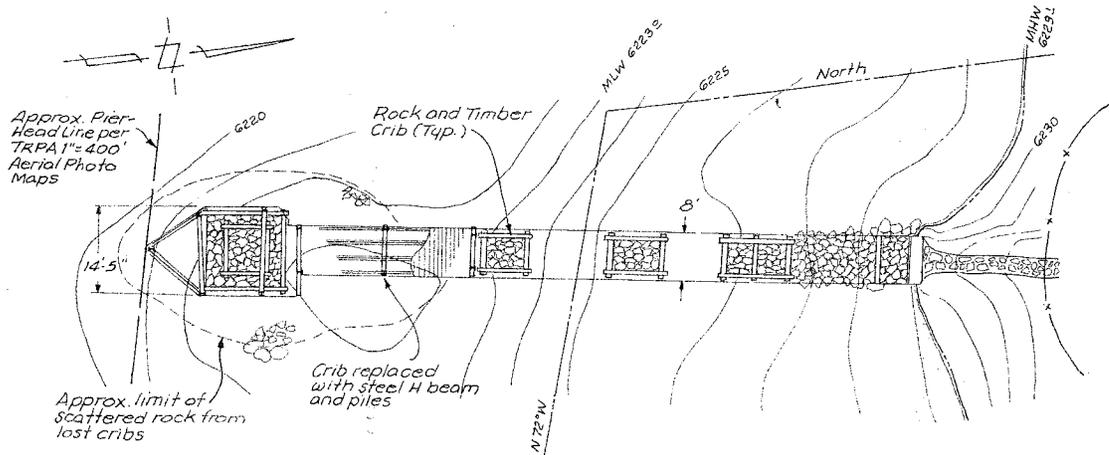
DRAWN BY: EGH	DESIGN BY: EGH	REVISION	DATE	DESCRIPTION	EGH
CHECK BY:		1	5/20/01	Shorten pier length to 173' from 213' and add third multiple-use property. Deleted west landing.	EGH
BY:		2	5/21/01	Deleted rock piles and piling and exist landing. Revised pier length.	EGH

EARL G. HAGADORN, P.E.
CONSULTING CIVIL ENGINEER
POST OFFICE BOX 1922
TAHOE CITY, CALIFORNIA 96145

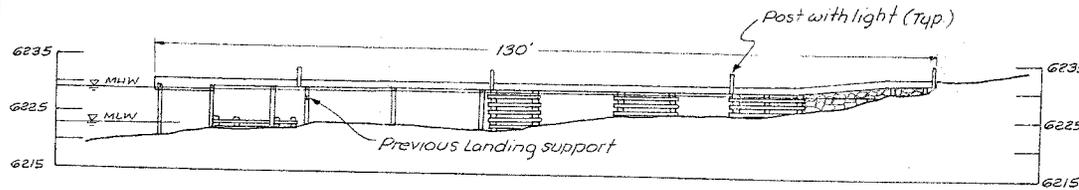
PROPOSED MULTIPLE USE PIER
INCLINE VILLAGE, WASHOE COUNTY, NEVADA

DATE: Jan, 2001
SCALE:
HORIZONTAL: As Noted
VERTICAL: As Noted
SHEET: 1

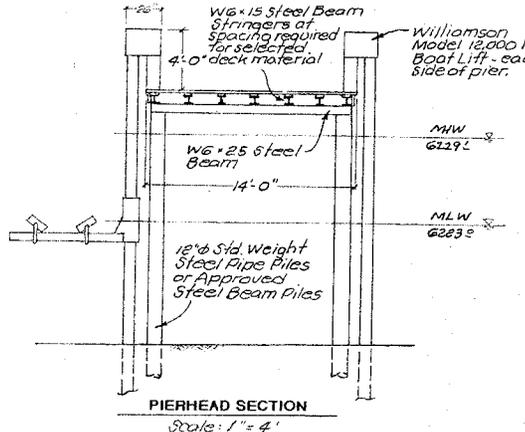
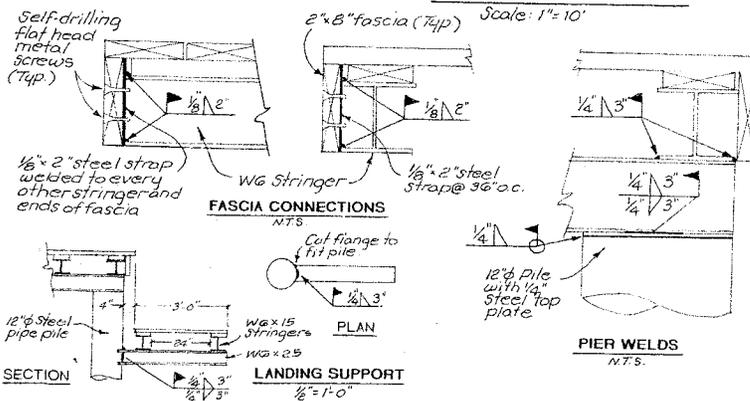
200225067



EXISTING PIER - PLAN
Scale: 1" = 10'



EXISTING PIER - PROFILE
Scale: 1" = 10'



PAINTING OF STEEL COMPONENTS

1. STEEL PIPE PILES AND STEEL TUBE DECK LIGHT POSTS TO BE PRE-PAINTED AWAY FROM THE LAKE IN A PROTECTED ENVIRONMENT. OTHER STRUCTURAL STEEL SUCH AS THE STEEL BEAM STRINGERS AND CAP BEAMS MAY BE PRE-PAINTED AT THE OPTION OF THE OWNER.
2. STEEL ELEMENTS THAT MAY BE USED IN THE LANDING STAIRS SHALL ALSO BE PRE-PAINTED AWAY FROM THE LAKE
3. PAINTING TO BE TWO COATS OF BENJAMIN MOORE DTM (DIRECT TO METAL) SEMI-GLOSS SAFETY BLACK (M24820)

ALTERNATIVE CONNECTION DETAILS

IT IS RECOGNIZED THAT THERE ARE ALTERNATIVE METHODS FOR THE CONNECTION DETAILS SHOWN ON THE PLANS, SUCH AS THOSE FOR THE FASCIA AND THE FENDER PILES, AND EVERY CONSIDERATION WILL BE GIVEN TO SUCH ALTERNATIVES SUBMITTED IN WRITING FOR APPROVAL BY THE OWNER AND/OR THE PROJECT ENGINEER.

IT IS ALSO RECOGNIZED THAT AN ALTERNATIVE DECK LIGHT UNIT MAY BE DESIRED BY THE OWNER FOR PLACEMENT IN THE LIGHT POSTS, AND SUCH A SUBSTITUTION SHOULD BE COMPARABLE IN AREA LIGHTED AND INTENSITY TO THAT SPECIFIED ON THE PLANS. SUCH A SUBSTITUTION SHOULD BE PRE-CONFIRMED WITH THE TAHOE REGIONAL PLANNING AGENCY STAFF IF THERE IS ANY QUESTION REGARDING COMPLIANCE WITH THE AGENCY PERMIT.

PROJECT NARRATIVE

THE PROPOSED WORK CONSISTS OF THE REMOVAL OF DETERIORATING WOOD DECKING AND STRINGERS, AND STEEL BEAMS AND PILING. EXISTING CRIB TIMBERS ARE TO BE REMOVED AND THE ROCK DISPOSED OF TO A MOUND BENEATH THE NEW PIER OR AS OTHERWISE APPROVED BY TRPA.

DISPOSAL OF REMOVED MATERIAL, AND THE DELIVERY OF NEW MATERIALS, WILL BE OVER THE UPLAND PROPERTY. THE INSTALLATION OF NEW IMPROVEMENTS WILL BE BY BARGE-MOUNTED EQUIPMENT WITH WORK CREWS ON BOTH THE PIER AND THE BARGE.

THE CONTRACTOR WILL TAKE EVERY PRECAUTION TO PREVENT THE DISCHARGE OF DEBRIS TO LAKE WATERS, AND WILL HAVE AVAILABLE, OR IN PLACE, BARRIERS AND RECOVERY DEVICES FOR THE COLLECTION OF ANY DEBRIS PRIOR TO BEGINNING THE DEMOLITION OPERATIONS.

THE NEW PIER WILL BE SUPPORTED BY DRIVEN STEEL PILES. H-BEAM PILES WILL BE DRIVEN FOR THE PROPOSED DOUBLE BOAT HOSTS AS SPECIFIED BY THE MANUFACTURER.

SEPARATE POWER CONDUITS AND JUNCTION BOXES WILL BE SECURED TO THE SOFFIT OF THE DECK FOR ELECTRICAL POWER SUPPLY TO THE BOAT HOSTS AND TO THE DECK AND NAVIGATION LIGHTS. APPROXIMATELY 200 FEET OF UNDERGROUND POWER SUPPLY WILL BE INSTALLED FROM THE UPLAND PROPERTY LINE TO THE LAND END OF THE PIER WITH APPROPRIATE VOLTAGE REDUCTION FOR THE LIGHTING CIRCUITRY.

ALASKAN YELLOW CEDAR WILL BE USED FOR DECKING, AND IT WILL BE SCREWED TO TIMBER SLEEPERS ON THE STEEL BEAM STRINGERS. ALTERNATIVE DECKING MATERIAL MAY BE USED AT THE DISCRETION OF THE OWNER. INSTALLATION OF THE NAVIGATION AND DECK LIGHTING AND THE SHM LADDERS WILL COMPLETE THE PROPOSED WORK.

STEEL PILING, CAP BEAMS AND STRINGERS, AND LIGHTING POSTS WILL ALL BE PAINTED AS SPECIFIED IN THE PLANS, AND PARTICULAR NOTE SHOULD BE MADE OF THE TRPA CONDITION OF APPROVAL THAT PROHIBITS THE PLACEMENT OF WOOD PRESERVATIVES OR PAINTS BELOW THE HIGH WATER LEVEL OF THE LAKE.

ELECTRICAL NOTES

1. DECK LIGHTS TO BE LUMIERE #1201-2 WITH OPTIONAL DIODE CONNECTION INCLUDED FOR 12,000 HR. BULB LIFE. LIGHTS TO BE RECESSED VERTICALLY INTO 4"x4" STEEL POSTS AND FED BY A MINIMUM # 12-2 LOW VOLTAGE STRANDED WIRE.
2. NAVIGATION LIGHTS TO BE LUMIERE #1201-3-01 WITH 13 WATT LAMP MOUNTED VERTICALLY ON THE LAKEWARD FACE OF 4"x4" STEEL POSTS PER MANUFACTURER'S RECOMMENDATIONS. LIGHTS ARE 110V AND FED BY WIRE APPROPRIATE TO THE LAMP DEMANDS AND LOCATIONS. A SEPARATE PHOTOCCELL CONTROL IS TO BE PROVIDED FOR DUSK TO DAWN OPERATION.
3. BOAT LIFT HOIST MOTORS ARE 220V AND ARE TO BE FED BY WIRE APPROPRIATE TO THE DEMAND.
4. THE 12V, 120V AND 220V WIRING IS TO BE ENCLOSED IN SEPARATE CONDUITS. PVC CONDUITS ARE TO BE SUPPORTED BY STRAPS EVERY THREE FEET MINIMUM AND WITHIN SIX INCHES OF BOXES AND COUPLINGS. PREFERRED CONDUIT LOCATION IS THE BOTTOM OF THE DECKING TO AVOID WINTER ICE DAMAGE. EXPANSION JOINTS SHOULD BE INCORPORATED IN LONG RUNS WITH EXTRA WIRE COILED IN J BOXES FOR EXPANSION AND CONTRACTION OF CONDUITS.
5. 220V X 12V LIGHTING TRANSFORMER (ACME #179203SL OR APPROVED EQUIVALENT) TO BE HOUSED IN A STAINLESS STEEL JUNCTION BOX (NEMA 4 - HOFFMAN #1412 CHNFS OR APPROVED ALTERNATE) LOCATED AT THE LAND END OF THE PIER AND SECURED TO THE PIER FASCIA. JUNCTION BOX TO ALSO HOUSE A PARAGON TIME CLOCK (#PAREC4004p 120V) TO CONTROL THE TRANSFORMER. THE JUNCTION BOX SHALL ALSO HAVE AN INTERIOR-MOUNTED GFCI PROTECTED 200V/120V RECEPTACLE.
6. 220V X 120V NAVIGATION LIGHTING TRANSFORMER SHALL BE HOUSED IN A STAINLESS STEEL JUNCTION BOX LOCATED NEAR THE SELECTED LAKEWARD BOAT HOIST FEDERAL JUNCTION BOX TO ALSO HAVE AN INTERIOR-MOUNTED GFCI PROTECTED 200V/120V RECEPTACLE.
7. JUNCTION BOXES TO HOUSE A SECURELY FASTENED GROUND LUG WHICH WILL BE BONDED TO A DRIVEN STEEL PILE.
8. THE 220V UPLAND SUPPLY SHALL HAVE AN APPROPRIATE BREAKER AND BE HOUSED IN A SERVICE RIGER THAT MEETS NATIONAL ELECTRICAL CODE REQUIREMENTS.

DISPOSAL OF EXISTING CRIB ROCK

EXISTING

THERE ARE APPROXIMATELY 52 CUBIC YARDS OF ROCK IN THE EXISTING CRIBS AND MOUNDED ROCK NEAR THE SHORELINE.

PROPOSED DISPOSAL

IT IS PROPOSED THAT THE EXISTING ROCK BE PLACED IN A ROW ALONG THE BOTTOM BENEATH THE PIER FOR ABOUT 60 FEET FROM SHORE. THE ROCK WOULD BE MOUNDED FROM 2 TO 3 FEET HIGH WITH AN IRREGULAR TOP PROFILE, AND WOULD PROVIDE REFUGE FOR SMALL FISH AND OTHER MARINE LIFE.

DRAWN BY: EGH	DESIGN BY: EGH	REVISION	DATE	DESCRIPTION
CHECK BY:		1		Steel Decking and Landing and add on to design EGH note
BY:		2		delete crib notes, add landing, revise narrative, add electrical notes, revise crib rock name, add fascia and deck string details

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PROPOSED MULTIPLE USE PIER
INCLINE VILLAGE, WASHOE COUNTY, NEVADA

DATE: Jan, 2001	SHEET
SCALE: HORIZONTAL As Noted	2
VERTICAL As Noted	