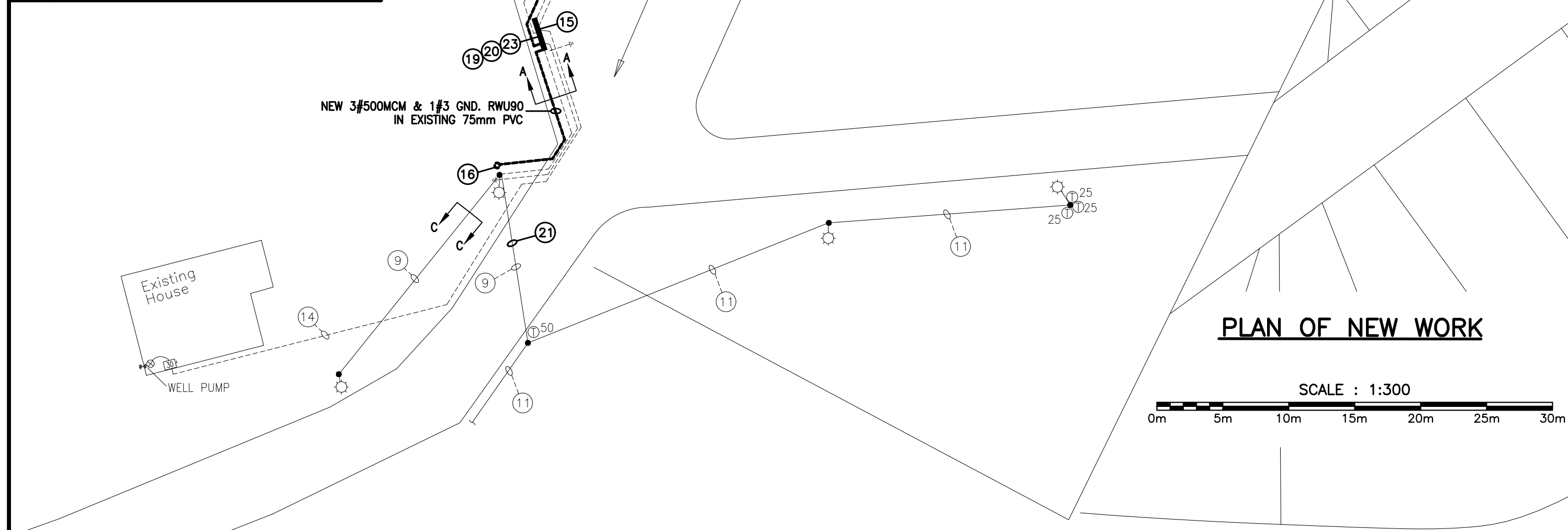


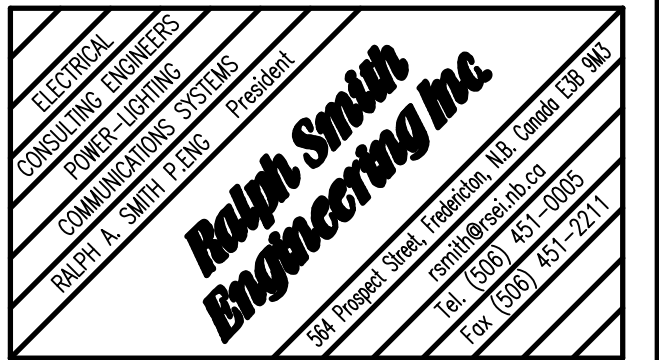
- NOTES
- EXISTING ELECTRIC NAVIGATIONAL LIGHT CHANGED TO SOLAR POWER UNIT BY COAST GUARD.
 - EXISTING WOOL POLE WITH 50KVA 7200-120/240V, 1ø, 3W TRANSFORMER.
 - 300 x 300 x 200mm PVC JUNCTION BOX FASTENED TO UNDERSIDE OF WHARF/ GANGWAY PLATFORM.
 - EXISTING POWER JUNCTION BOX (2) 600x 600x300mm FIBRE GLASS.
 - 3#500 MCM TECK CABLE FASTENED TO SIDE OR UNDERSIDE OF EXISTING CONCRETE DOCK.
 - EXISTING 2 MULTI CONDUCTOR TECK CABLES TO BE TERMINATED IN JUNCTION BOXES AND NEW CABLES TO BE ROUTED THRU HOLES (AS PER NOTE 10) SO AS TO BE ROUTED AROUND NEW CONSTRUCTION.
 - FASTEN TECK CABLE TO UNDERSIDE OF CONCRETE GROSS CAPS EVERY 3m WITH FIBERGLASS OR STAINLESS STEEL HANGERS & STRUT EVERY 1.5m IN BETWEEN.
 - SEE RECEPTACLE SHROUD DETAIL.
 - EXISTING O/H DUPLEX/TRIPLEX.
 - EXISTING CONDUITS, WIRES, JUNCTION BOXES & SUPPORTS TO BE REMOVED.
 - EXISTING O/H TRIPLEX/DUPLEX AND H.V.
 - CONDUCTOR RATINGS ARE LARGER THAN CIRCUIT BREAKERS WHERE VOLTAGE DROP IS A FACTOR DUE TO DISTANCE.
 - PROVIDE GREEN GROUND WIRES IN ALL PVC CONDUIT SIZED TO C.E.C. TABLES 16, 17 & 18.
 - EXISTING 2#10RWU90 IN 50mm PVC.
 - SEE DETAIL ON DWG E2 FOR NEW SERVICE ENTRANCE EQUIPMENT ON EXISTING BACKBOARD.
 - EXTEND EXISTING 75mm CRSC UP POLE TO WITHIN 1m OF SERVICE LOOP AND INSTALL 400A, 120/240V 3W 1ø SERVICE WEATHERHEAD c/w 3m OF 3#500 MCM RWU90 FOR SERVICE LOOP.
 - NEW CONCRETE DECK & WHEEL GUARD.
 - EXISTING CONCRETE DECK.
 - EXTEND NEW SUPPLY AND LOAD 3#500MCM RWU90 IN EXISTING 75mm PVC/CRSC TO NEW 400A METER CABINET & FUSED DISCONNECT.
 - PROVIDE GROUNDING TO GROUND ROD.
 - NEW 400A O/H TRIPLEX BY NB POWER.
 - 3#250MCM TECK SURFACE BETWEEN PANEL/CABINET AND CABLE SUPPORT POST.
 - PROVIDE 400A, 2P STAINLESS STEEL NEMA 4X DISCONNECT, FUSED AT 400A & FASTENED TO REAR SIDE OF SERVICE BOARD. PROVIDE 3#500MCM (R.B.W) & 1#3 (C)RWU90 IN 75mm PVC CONDUIT BETWEEN 400A METER CABINET AND FUSED DISCONNECT
 - 3#250MCM TECK FASTENED TO UNDERSIDE OF RELOCATED GANGWAY WITH STAINLESS STEEL CABLE BRACKETS & SCREWS.
 - NEW TECK CABLE GALVANIZED SUPPORT POST c/w TECK CABLE RETRACTORS. PROVIDE 10m LOOP OF 3#250MCM TECK CABLE TO ALLOW FOR WHARF MOVEMENT.
 - PROVIDE 1m LOOP OF ALL TECK CABLE TO ALLOW FOR MOVEMENT BETWEEN FLOATING OR HINGED WHARF SECTIONS.
 - ALL CABLE/CONDUIT ENTRIES TO CABINETS, BOXES, PANELS, ETC. ARE TO BE ROUTED INTO BOTTOM ONLY OF PANEL AND TO BE SEALED WITH SILICON.
 - REMOVE EXISTING RWU90 WIRE/TECK AND SUPPLY AND INSTALL 3#500MCM RWU90 IN EXISTING 75mm PVC DUCT.
 - ALL TECK BRANCH CIRCUITS TO RUN OUT THROUGH BOTTOM OF PANEL/CABINET AND DOWN THRU DECK TO HORIZONTAL SPACE BELOW DECK IN FLOAT.
 - GROUND PLATE.
 - TYPE 'B' LIGHT FIXTURES (NARROW BEAM TO FLOODLIGHT FLOATING WHARF GANGWAY, FLOATS AND BOATS.



Pld. Scale: 1:1

PWSSC B1

Electrical Consultant:



EXISTING WORK IS DETAILED IN LIGHT LINES/SYMBOLS

NEW WORK IS DETAILED IN HEAVY LINES/SYMBOLS

SYMBOL	ELECTRICAL LEGEND
	NEW TYPE A LIGHTING FIXTURE ON ALUMINUM POLE c/w CONCRETE BASE & QUAD RECEPTACLE. 3-POLE NUMBER; 2-RECEPTACLE NUMBER
	NEW TYPE B FLOODLIGHT 5 OR 6 ON 3 SECTION BRACKET WITH NUMBER 4 TYPE A LIGHT FIXTURE ON POLE 4.
	EXISTING LIGHTING FIXTURE ON BRACKET ARM ON WOOD POLE.
	GROUNDING PLATE.
	INDICATES-CORROSION RESISTANT STEEL CONDUIT. INDICATES-OVERHEAD WIRING.
	SHORE POWER.
	NAVIGATION LIGHT, SOLAR POWERED
	250W HIGH PRESSURE SODIUM STREET LIGHT, 120V C/W PHOTOCELL & MOUNTING BRACKET ON ALUMINUM POLE.
	15A, 120V SPLIT CIRCUIT DUPLEX WEATHERPROOF RECEPTACLE 12-RECEPTACLE NUMBER.
	10.7m CLASS 2 WOOD POLE.
	200 x 200 x 3658mm PRESSURE TREATED POST.
	150 x 150 x 100mm DEEP PVC WEATHERPROOF JUNCTION BOX OR AS INDICATED.
	ELECTRICAL PANEL C/W DISTRIBUTION & METERING
	WINCH/WELDER OUTLET CONNECTION 5H.P., 240V, 1ø.
	OVERHEAD N.B. POWER SUPPLY LINE
	NEW PVC CONDUIT C/W WIRES IN TRENCH OR IN CONCRETE DECK OR TECK CABLE AS INDICATED
	120/240V, 1ø, 4W TWIST LOCK RECEPTACLE RATED AS INDICATED C/W CAP. EXISTING.
	PVC JUNCTION BOX AS INDICATED
	DIRECT CONNECTED EQUIPMENT
	TECK CABLE GALVANIZED SUPPORT POST CONSTRUCTED OF 150mm DIA GALVANIZED SCHEDULE 40 STEEL TUBING 4m HIGH WELDED TO 1m x 1m SQUARE 12mm THICK GALVANIZED STEEL PLATE BOLTED THRU DECK WITH 4-25mm SS BOLTS/LOCK WASHERS/NUTS.
	NEW ELECTRICAL PANEL MOUNTED IN STAINLESS STEEL CABINET MOUNTED 300mm ABOVE DECK ON 2-200x200mm PRESSURE TREATED SUPPORT POSTS 2328mm ABOVE WHARF AND 1220mm BELOW DECK FASTENED TO SIDE OF WHARF WITH 2-25mm SS BOLTS/LOCKWASHERS/NUTS EACH. PROVIDE #3 GREEN GROUND IN 27mm PVC & GROUND PLATES AT BOTTOM OF HARBOUR.
	QUAD RECEPTACLE (2 DUPLEX RECEPTABLES) WITH EACH OUTLET ON SEPERATE CIRCUITS(4). MOUNT 2 GANG BOX ON INSIDE OF 200mm x 200mm WOOD RAIL WITH TECK FEEDS ROUTED BELOW DECK. MOUNT BOX BOTTOM 75mm ABOVE DECK 5-RECEPTACLE NUMBER.

revisions	AS BUILT	FEB 10 2005
		date

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project
HARBOUR IMPROVEMENTS
DIPPER HARBOUR
ST. JOHN CO., N.B.

drawing
SITE PLAN, LEGEND & DETAILS

designed	RALPH SMITH P.ENG	concu
date	2003/03/31	
drawn	ANDREW BRADLEY	designe
date	2003/03/31	
approved		approuve
date		
Tender		Soumission
PWSSC Project Manager	Administrateur de projets TPSGC	
project number	307954	no. du projet
drawing no.	E1 OF 2	no. du dessin