



- 1156 IS A DOUBLE LOT. COMMON LOT BOUNDARY IS NOT SHOWN
- ALL FENCING AT THE TOP OF THE SEAWALL SHALL COMPLY WITH STATE ENVIRONMENTAL PLANNING POLICY (EXEMPT AND COMPLYING DEVELOPMENT CODES) 2008 AND BUILDING CODE OF AUSTRALIA (BCA) AS BARRIERS TO PREVENT FALLS (SEE TENDER SCHEDULES FOR DETAILS)
- COUNCIL PROTECTION WORKS AT WETHERILL STREET EXPECTED TO BE OF SAME DESIGN, TIMING OF WORKS TO BE CONFIRMED. IF COUNCIL WORKS ARE NOT UNDERTAKEN AT SAME TIME THEN SEE REQUIREMENT FOR CONTRACTOR TO REINSTATE WETHERILL STREET REVETMENT IN NOTE 9
- AT 1168, ROCK SHALL BE SELECTED AND POSITIONED AS DIRECTED BY COASTAL ENGINEER. LONGER ROCK DIMENSION MAY NEED TO BE ALONGSHORE TO FIT ROCKS WITHIN PROPERTY
- SETBACK 1 IS A MAINTENANCE SETBACK. NO FUTURE STRUCTURES, EXCEPT READILY RELOCATABLE OR REMOVABLE STRUCTURES THAT DO NOT INTERRUPT VIEWS, TO BE CONSTRUCTED SEAWARD OF THIS LINE, TO ENABLE 4.5m OF CLEAR PASSAGE FOR CONSTRUCTION PLANT AS REQUIRED FOR FUTURE PROTECTION WORKS MAINTENANCE
- SETBACK 2 IS THE RECOMMENDED MOST SEAWARD SETBACK FOR FUTURE DWELLINGS (SEE NOTE 7), CONSISTENT WITH THE MOST SEAWARD ALIGNMENT OF EXISTING DWELLINGS AT 1150 AND 1168. LOW LEVEL STRUCTURES THAT DO NOT INTERRUPT VIEWS, SUCH AS DECKS AND POOLS, ARE RECOMMENDED TO POTENTIALLY BE PERMISSIBLE IN THE AREA BETWEEN SETBACK 1 AND SETBACK 2 (SEE NOTE 7)
- SETBACKS AND DEVELOPMENT TYPES ADOPTED ARE SUBJECT TO MERIT ASSESSMENT AGAINST OTHER PLANNING CONSIDERATIONS (INCLUDING VIEWS AND OVERSHADOWING) AND SPECIFIC ENGINEERING (COASTAL, STRUCTURAL AND GEOTECHNICAL) ADVICE (INCLUDING POTENTIAL IMPACTS ON THE PROTECTION WORKS)
- LOCATION DERIVED FROM 1974 & 2016 POST-STORM AERIAL PHOTOGRAPHY
- TEMPORARILY REMOVE PORTION OF ROCK REVETMENT AND OTHER MATERIALS (SOIL, GRASS AND THE LIKE) AS REQUIRED AT BOTH STUART STREET AND WETHERILL STREET, AS DIRECTED BY COASTAL ENGINEER, TO ALLOW CONSTRUCTION OF PROPOSED WORKS AND RETURNS AS REQUIRED. UNLESS ADVISED BY COUNCIL, REINSTATE ROCK REVETMENT AND LAND AT THESE STREETS TO PRE-WORKS CONDITION AS SOON AS POSSIBLE AFTER CONSTRUCTION OF SEAWALL AT NO. 1150 AND NO. 1168 (IF REQUIRED BY NOTE 3 AT 1168) RESPECTIVELY, AS DIRECTED BY COASTAL ENGINEER (ALSO SEE DWG S50)
- RETURN LENGTH TO BE AGREED BY COASTAL ENGINEER, STRUCTURAL ENGINEER AND COUNCIL TO ENSURE THAT THE APPROPRIATE LEVEL OF PROTECTION IS ACHIEVED, THE WORKS LINK APPROPRIATELY WITH COUNCIL'S PROPOSED WORKS, AND THE WORKS ARE STRUCTURALLY INDEPENDENT OF COUNCIL'S WORKS

** ALTERNATIVE ANCHOR SETOUTS AND/OR TYPES MAY BE SUBMITTED FOR APPROVAL. DEADMAN ANCHOR SYSTEM IS DESCRIBED ON DRAWING S26 AS AN ALTERNATIVE TO THE DISCRETE ANCHOR SCHEME. TO BE AGREED WITH CONTRACTOR SUBJECT TO CONFIRMATION OF STRUCTURAL & GEOTECHNICAL ENGINEER



THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT

 MOD2023/0347

ATTACHMENT

H.L.	R.Y.	SETBACK1 POSITION CHANGED	29.03.23	4
P.P.	R.Y.	AMENDED AS NOTED	17.09.21	3
P.P.	R.Y.	AMENDED AS NOTED	12.02.21	2
P.P.	R.Y.	ISSUED FOR CONSTRUCTION CERTIFICATE	02.11.20	1
P.P.	R.Y.	CLARIFYING NOTES FOR CONCRETE DETAILS ADDED	13.10.20	N
P.P.	R.Y.	CORRECT RECESSED PILES DEPTH	20.07.20	M
P.P.	R.Y.	ADOPT SECANT PILING & BAR ANCHORS	13.07.20	L
BY	CHKD	DESCRIPTION	DATE	REV

UPGRADED COASTAL PROTECTION WORKS
 AT 1150-1168 PITTWATER ROAD COLLAROY NSW

COASTAL PROTECTION WORKS
PLAN

COASTAL ENGINEERING DESIGN:
HORTON COASTAL ENGINEERING PTY LTD
 18 Reynolds Cres. Beacon Hill NSW 2100
 TEL: +61 (0)407 012 538
 peter@hortoncoastal.com.au
 www.hortoncoastal.com.au

STRUCTURAL ENGINEERING DESIGN:
James Taylor & Associates
 Civil & Structural Consulting Engineers
 SUITE 301, 115 MILITARY ROAD NEUTRAL BAY NSW 2090
 TEL: 02 99691999
 EMAIL: mail@jamestaylorassociates.com.au

DESIGN	P.H.	DRAWN	P.P.	PROJECT NO.
CHKD.	R.Y.			5910
APPRD.	P.H.			DRAWING NO. REV
SCALE	1:400	DATE		S05 4