

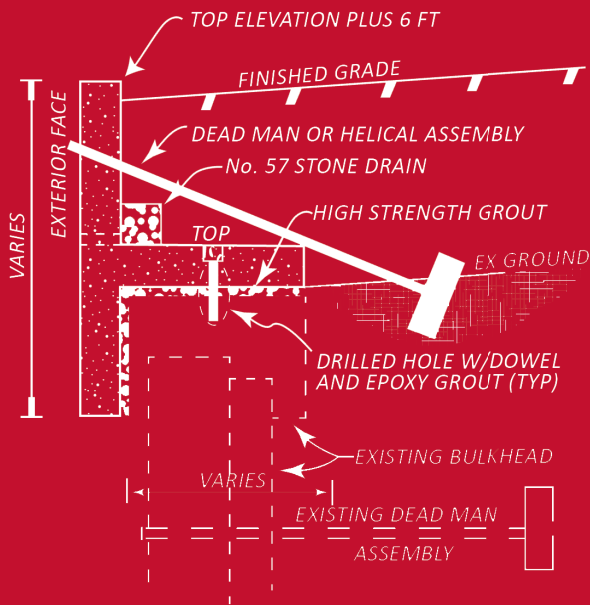
# SEA WALL SAVER

THE SEA WALL SAVER IS A PATENT PENDING SEA WALL EXTENSION SYSTEM FROM PRECAST CONCRETE CONCEPTS. A TRULY ECONOMICAL SOLUTION TO RISING SEA LEVELS, THIS SYSTEM CAN RAISE THE ELEVATION OF EXISTING WALLS BY UP TO 6 FEET, WHILE INCREASING THE OVERALL STRENGTH, STABILITY, AND LIFESPAN OF THE EXISTING SEA WALL.

THE CONCEPT IS TO PROVIDE A FASTER MORE ECONOMICAL SOLUTION TO THE RISING SEA LEVELS IN THE US AND WORLDWIDE WHICH IN TURN INCREASES THE NEED TO RAISE THE ELEVATION OF EXISTING SEA WALLS TO KEEP UP WITH THE RISING SEA LEVELS.

SEA WALL SAVER AVOIDS REPLACEMENT OF THE ENTIRE SEA WALL, THEREBY AVOIDING THE ASSOCIATED COSTS OF REPLACEMENT. CAPS CAN BE INSTALLED FOR 30% OF THE COST OF REPLACING THE WALL USING SMALLER EQUIPMENT AND PERMITTING IS SIMPLIFIED BECAUSE PLANT AND SEA LIFE ON THE WATER SIDE OF THE WALL IS LEFT UNDISTURBED.

## PRODUCT OVERVIEW



CROSS SECTION - PRECAST CONCRETE CAP

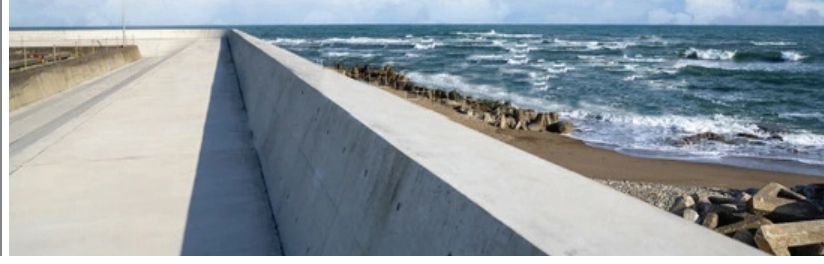
TYPE T

1in=2ft

## APPLICATIONS

THE SEA WALL SAVER MITIGATES THE EFFECTS OF CLIMATE CHANGE BY EXTENDING THE HEIGHT OF SEA WALLS WITH A PRECAST CONCRETE CAPPING SYSTEM. EACH ENGINEERED SEA WALL EXTENSION SYSTEM IS CUSTOM DESIGNED FOR A 100-YEAR LIFESPAN AND INSTALLS ON TOP OF THE EXISTING SEA WALL. NO NEED TO DEMOLISH THE EXISTING SEA WALL AND REBUILD, SAVING TIME AND MONEY! DESIGNS ARE AVAILABLE FOR PUBLIC, COMMERCIAL, AND PRIVATE SEA WALLS.





## WHAT WE OFFER

### ADVANTAGES AND BENEFITS

- NO NEED TO REPLACE THE EXISTING SEA WALL JUST BECAUSE THE TOP ELEVATIONS DOESN'T MEET THE MINIMUM HEIGHT REQUIREMENTS, AND 1/10 THE CARBON FOOTPRINT
- ALL PRECAST SEA WALL EXTENSION CAP SECTIONS ARE MANUFACTURED IN A CONTROLLED ENVIRONMENT PRIOR TO CONSTRUCTION, CREATING A GREEN PRODUCT WITH A 100-YEAR LIFESPAN
- INCREASES THE TOP ELEVATION OF THE EXISTING SEA WALL UP TO 6 FEET
- INCREASES OVERALL STRENGTH OF EXISTING SEA WALL
- INCREASES THE STABILITY OF EXISTING SEA WALL
- THE TIE-BACK SYSTEM IS HELICAL ANCHORS OR EQUAL
- PRECAST SECTIONS WILL BE CAST TO FIT THE EXISTING SEA WALL CAP PLUS ADDITIONAL 3/4" GAP FOR UHPC
- THE GAP BETWEEN EXISTING CAP WILL BE SEALED OFF FROM THE ELEMENTS WITH UHPC WITH STRENGTHS OF 10,000 TO 14,000 PSI

- ALL REINFORCING WILL BE FRP OR GFRP
- CAN BE INSTALLED USING SMALLER EQUIPMENT, IN 1/10 OF THE TIME THAN REPLACEMENT

### PRODUCT OPTIONS/SPECIFICATIONS (SIZES, WEIGHTS AND OTHER DATA):

- CAN BE CAST ANY HEIGHT TO FIT THE EXISTING PROPERTY
- DESIGNED FOR TIE-BACK OR BATTER PILE TYPE SEA WALLS
- CAP DIMENSIONS CAN BE CUSTOMIZED TO ACCOMMODATE CONTRACTOR'S LIFTING CAPACITY, CURVES IN THE EXISTING WALL, AND TIE BACK REQUIREMENTS
- CUSTOM AESTHETIC TREATMENTS AND COLORS ARE AVAILABLE FOR THE WATER SIDE OF ALL PRECAST ELEMENTS

### OUR PROCESS

- DESIGN CONSULTATION
- DOT APPROVED
- DETAILED SHOP DRAWINGS AND DESIGNS
- FABRICATED IN A CONTROLLED ENVIRONMENT BY A CERTIFIED PRECAST PLANT

