-INSTALL VAPOR BARRIER BENEATH PERVIOUS PAVERS ON NORTH SIDE OF BUILDING (SEE PLAN FOR EXTENTS). EXTEND IMPERMEABLE BARRIER TO OVERLAP 1' ONTO UNDISTURBED SUBGRADE AND PITCH AWAY FROM BUILDING AT 10%. THE DESIGN INTENT IS TO DIRECT STORMWATER AWAY FROM FOOTING DRAINS WHICH WILL NEED TO BE PUMPED. PERVIOUS PAVERS FOUNDATION BACKFILL UNDISTURBED SUBGRADE SEE ARCHITECTURAL PLANS -4" HDPE UNDERDRAIN INVERT ELEVATION TO MATCH BOTTOM OF FOOTING ELEVATION - ¾" CRUSHED STONE - WRAP CRUSHED STONE IN MIRAFI 140N NON-WOVEN GEOTEXTILE FABRIC OR EQUAL

FOOTING DRAIN DETAIL

SUMP PUMP DISCHARGE PIPED INTERNALLY TO 6" GRAVITY

ACCESS PANELS SHALL BE ¾"
PRESSURE TREATED PLYWOOD OR

OTHER MATERIAL IMPERVIOUS TO

6" FOUNDATION

DRAIN OUTLET

WET CONDITIONS. PROVIDE LIFT

HANDLES OR HOLES -

TOP OF BASEMENT

SLAB: 43.63 —

6" FOUNDATION

DRAIN OUTLET

INVERT: 40.13 -

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ELEVATION VIEW

ROOF DRAIN-

POWER SUPPLY -

ELECTRIC

NOT TO SCALE

6" FOUNDATION

DRAIN INVERT TO

MATCH BOTTOM OF

FOOTING: 42.13——/

-LOOPS FOR

<u>PLAN</u> NOTES: 1. MAINTAIN ENTRANCE IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO 1. INSTALL SILTSACK PER MANUFACTURER'S RECOMMENDATIONS. PUBLIC RIGHT OF WAY. IF WASHING IS REQUIRED PREVENT SEDIMENT FROM ENTERING SILTSACKS SHALL BE CHECKED FOR SEDIMENT LEVEL AND OVERALL CONDITION WATERWAYS, DITCHES OR STORM DRAINS. IMMEDIATELY AFTER EVERY RAIN EVENT AND AT LEAST EVERY DAY DURING PROLONGED RAINFALL.. 2. REMOVE STABILIZED CONSTRUCTION ENTRANCE TO FINISH ROAD CONSTRUCTION & PAVEMENT. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE SILTSACK. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT WILL NOT ERODE. 4. SEDIMENT SHALL ONLY BE REMOVED BY REMOVING THE SILTSACKS FROM THE STABILIZED CONSTRUCTION ENTRANCE CATCH BASINS ACCORDING TO MANUFACTURER RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID SPILLING SEDIMENT WHILE REMOVING THE NOT TO SCALE 7. ANY DAMAGED SILTSACK SHALL BE REPLACED WITH A NEW SILTSACK. INLET PROTECTION - SILT SACK BARK MULCH EROSION CONTROL MIX (MDEP STANDARD)-WATER FLOW MULCH BERM DETAIL ALSO CONNECT INTERNAL FOUNDATION DRAIN (IF PROPOSED) TO SUMP SEE ARCHITECTURAL PLANS PUMP OUTLETS CHECK VALVE FOR CONNECT TO HEADER INSTALL 2 COMMERCIAL GRADE SUMP PUMPS. ONE EACH PUMP AND SINGLE WORKING PUMP AND ONE BACKUP PUMP DISCHARGE PIPE- EACH PUMP SHALL HAVE AN INDIVIDUALLY CAPACITY OF 40 GALLONS PER MINUTE WITH 15' OF HEAD. GATE VALVE FOR EACH PUMP - EACH PUMP SHALL BE ACTIVATED BY A SEPARATE FLOAT SWITCH. THE BACKUP PUMP SHALL BE ACTIVATED AT A WATER ELEVATION APPROXIMATELY 3" HIGHER THAN THE ELEVATION THAT THE WORKING PUMP IS ACTIVATED.

2" CRUSHED STONE OR RECYCLED CONCRETE

OF EQUIVALENT SIZE.—

GEOTEXTILE MIRAFI

600X OR EQUAL-

THE BACKUP PUMP SHALL BE ACTIVATED
 ("EXERCISED") ON A MONTHLY BASIS.

 THE BACK UP PUMP AND THE WORKING PUMP SHALL BE SWITCHED ANNUALLY TO ENSURE EVEN WEAR.

THE BACKUP PUMP IS ACTIVATED - OR - WHEN THE

WATER ELEVATION REACHES AN ELEVATION OF 41.63

A HIGH WATER ALARM SHALL BE ACTIVATED WHEN

 DIMENSIONS OF SUMP SHALL BE BASED ON SIZE OF SELECTED PUMP PLUS REQUIRED CLEARANCE (APPROXIMATELY 2' X 3.5' PLUMBING CONTRACTOR TO VERIFY)

PLAN VIEW

FOUNDATION DRAIN SUMP DETAIL (SCHEMATIC DESIGN)
NOT TO SCALE

8" WIDE SLOT TO

FOUNDATION BASE -

HYDRAULICALLY CONNECT

SUMP TO CRUSHED STONE

- WRAP CRUSHED STONE IN

MIRAFI 140N NON-WOVEN

SEE CONCRETE SLAB

SPECIFICATIONS FOR

IS FREE TO PROPOSE

SUMP ENCLOSURE.

CONCRETE SHELF FOR

PUMPS EL: 40.13

TO SUMP (8" WIDE SLOT)

HYDRAULICALLY CONNECTED

CRUSHED STONE

THICKNESS AND MATERIAL

REQUIREMENTS. CONTRACTOR

ALTERNATIVE MATERIAL FOR

GEOTEXTILE FABRIC OR EQUAL

23 Ocean Avenue

23 OCEAN AVENUE, PORTLAND, MAINE

Owner / Developer:

Steven & Roberta Cope 172 Concord Street Portland, Maine 04103

Consultants:

-EDGE OF EXIST.

PAVEMENT

∠6" MIN.

50' MIN.

SECTION

EXIST. BASE

& SUBBASE



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CIVIL DETAILS

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