

- LEGEND**
- IRON PIN FOUND
  - IRON PIN SET
  - EXISTING CONTOURS
  - - - EDGE OF PAVEMENT
  - ▭ EXISTING BUILDING
  - X-X- FENCE LINE
  - UTILITY POLE
  - ⊗ WATER VALVE
  - N/F NOW OR FORMERLY
  - ⊕ SEWER MANHOLE
  - GRANITE CURB
  - HAT HIGHEST ANNUAL TIDE

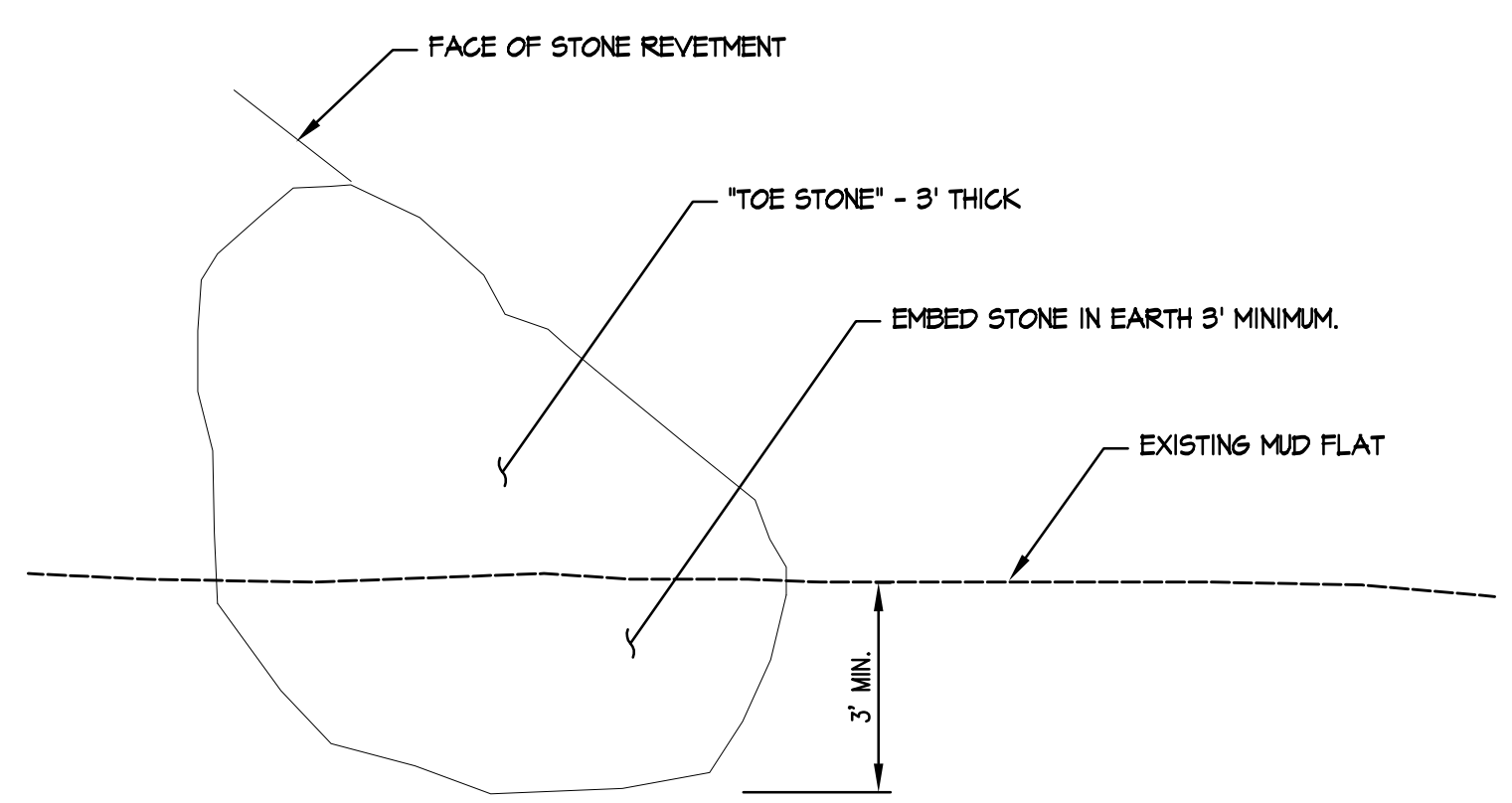
- GENERAL PROJECT NOTES:**
- BOUNDARY, TOPOGRAPHIC AND EXISTING CONDITIONS INFORMATION FOR THIS PLAN WAS PROVIDED BY CULLENBERG LAND SURVEYING OF AUBURN, MAINE, APRIL 2014. ELEVATIONS ARE BASED ON NGVD21.
  - OWNER OF RECORD IS JOHN M. WOODHEAD, 1276 N WAYNE STREET #107, ARLINGTON, VA 22201.
  - SLOPE STABILIZATION DESIGNED BY SYTDESIGN CONSULTANTS OF CUMBERLAND MAINE.
  - PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT, BOTH ON-SITE AND OFF-SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND CLEARLY MARKED.
  - CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL DRAWINGS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
  - IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE CONDITIONS OF ALL PERMITS AND APPROVALS AND CONDUCT THE WORK IN ACCORDANCE WITH THESE PERMITS AND APPROVALS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL ADDITIONAL PERMITS, STREET OPENINGS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK.
  - ANY DISCREPANCIES BETWEEN DRAWINGS AND SITE CONDITIONS AS WELL AS MANUFACTURER'S RECOMMENDATIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.
  - WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ADJUSTED, ABANDONED AND/OR CAPPED OR DEMOLISHED, AS REQUIRED.
  - CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS, METHODS AND TECHNIQUES EMPLOYED TO PERFORM WORK SHOWN ON THESE PLANS.
  - THE CONTRACTOR SHALL LIMIT THE CONSTRUCTION ACTIVITY TO THE LIMITS SHOWN ON THE PLANS, UNLESS OTHERWISE AUTHORIZED BY THE OWNERS REPRESENTATIVE.
  - THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL PERMITS AND REGULATIONS GOVERNING THE CONSTRUCTION ACTIVITIES.
  - THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO STARTING CONSTRUCTION.
  - A NRPA PERMIT BY RULE WILL BE COMPLETED SUBMITTED BY LAND DESIGN SOLUTIONS FOR THE ACCESS ROUTE AND STAIR REPLACEMENT ON THE ADJACENT LOT.

- SITE PREPARATION NOTES:**
- THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT GUARANTEED BY THE OWNER OR THE ENGINEER. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, AND REPAIR EXISTING UTILITIES AS REQUIRED TO COMPLETE THE WORK.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND OFF-SITE DISPOSAL OF MATERIALS REQUIRED TO COMPLETE THE WORK.
  - ANY EXISTING PROPERTY DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO MATCH ITS ORIGINAL EXISTING CONDITIONS BY THE CONTRACTOR AT NO CHARGE TO THE OWNER OR ENGINEER.
  - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING LANDSCAPE, STONE DEBRIS, SOIL ON THE SITE WITHIN THE AREAS DESIGNATED FOR REMOVAL UNLESS SPECIFICALLY IDENTIFIED TO REMAIN.
  - ALL MATERIALS DESIGNATED FOR REMOVAL/DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS, ORDINANCES AND CODES.
  - THE CONTRACTOR SHALL UTILIZE CONSTRUCTION MATS IN THE INTERTIDAL AREAS WHERE EQUIPMENT MUST MUST TRAVERSE OVER EXISTING GRASS.

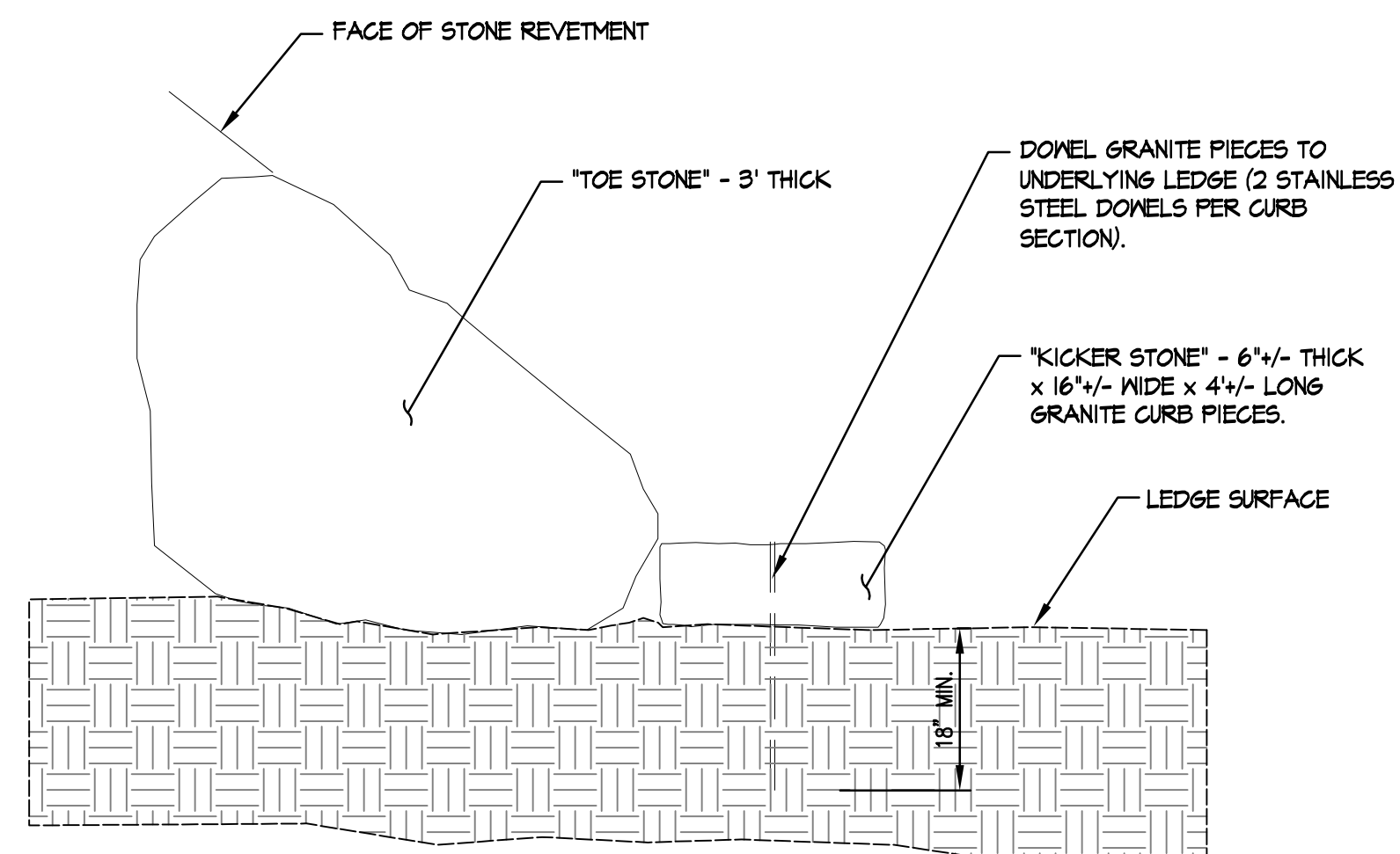
- EROSION AND SEDIMENTATION CONTROL NOTES:**
- EROSION AND SEDIMENTATION CONTROL DURING CONSTRUCTION WILL CONSIST OF A STABILIZED CONSTRUCTION ENTRANCE, AND THE TIMING OF CONSTRUCTION ACTIVITIES SO THAT THE LOWER AREA OF THE SLOPE IS ONLY UNDER CONSTRUCTION DURING THE LOW TIDE CYCLE AND IS PERMANENTLY STABILIZED BY THE END OF THAT CYCLE EACH DAY.
  - THE TOP OF THE SLOPE IS PROPOSED TO BE RE-VEGETATED. EROSION CONTROL BLANKET IS SPECIFIED WHICH CAN BE PLACED AS THE WORK PROCEEDS.
  - THE CONSTRUCTION ENTRANCE SHALL CONSIST OF CRUSHED STONE ENTRANCE TO PREVENT SEDIMENT TRACKING OFF-SITE.
  - GENERAL EROSION CONTROL PRACTICES:
    - CONFORM TO ALL LOCAL (CITY OF PORTLAND), STATE (NRPA) AND FEDERAL (ACOE) EROSION CONTROL REQUIREMENTS
    - DO NOT WORK ANY EQUIPMENT WITHIN THE WATER.
    - LIMIT DEMOLITION REMOVAL, RE-GRADING AND INSTALLATION OF TOE STONES AND INFILL ROCK TO LOW TIDE CYCLE.
    - MONITOR THE SITE FOR EROSION ON A DAILY BASIS AND AFTER RAIN EVENTS.
    - CORRECT ANY EROSION PROBLEMS IMMEDIATELY.

- LAYOUT & MATERIAL NOTES:**
- ALL DIMENSIONS ARE PERPENDICULAR UNLESS OTHERWISE NOTED.
  - DO NOT SCALE DRAWINGS, ANY OMISSIONS IN DIMENSIONING SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE.
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL STAKE THE LAYOUT FOR APPROVAL BY THE OWNER PRIOR TO CONSTRUCTION.

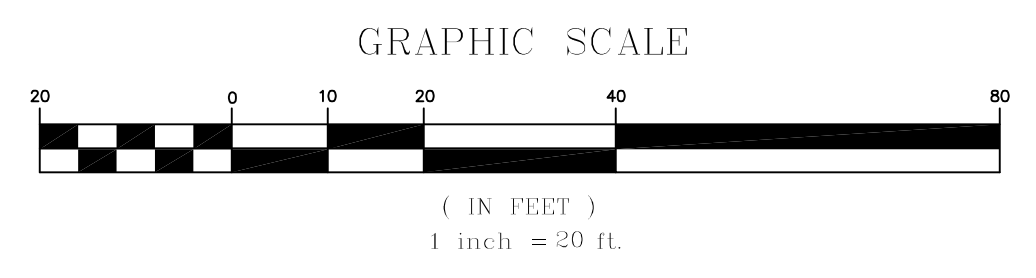
- GRADING & DRAINAGE NOTES:**
- CONTRACTOR TO ADJUST EXISTING AND PROPOSED UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, UTILITY MANHOLES, CATCH BASINS, INLETS, ETC) THAT ARE AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
  - WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
  - ALL UNSUITABLE AND UNUSED MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS.
  - IF TOE OF SLOPE EMBEDMENT SHOWN IN DETAIL #2 IS NOT POSSIBLE DUE TO LEDGE ELEVATION THEN EXCAVATE TO LEDGE AND PROVIDE GRANITE KICKER STONE DOWELED TO LEDGE.



1 TOE OF SLOPE STONE IN EARTH  
SCALE: N.T.S.

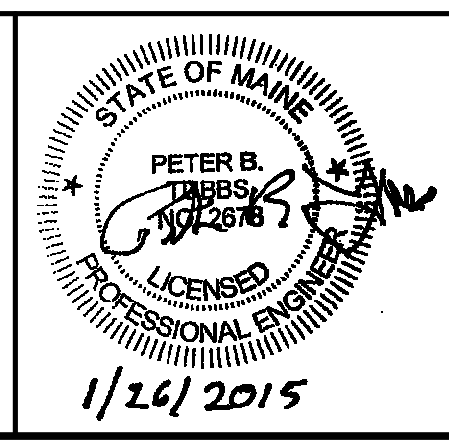


2 TOE OF SLOPE STONE IN LEDGE  
SCALE: N.T.S.



Drawn: Name: C:\Users\BPTB\OneDrive\Design Solutions\Projects\14-03-Sullivan Street Embankment Stabilization\Drawings\14-03-Sullivan Street Embankment Stabilization.dwg (14-03-Sullivan Street Embankment Stabilization.dwg) Plot Date: / Date: Jan. 15, 11:30 AM

REV.	DATE	STATUS	BY	CHKD.	APPD.	REV.	DATE	STATUS	BY	CHKD.	APPD.
B	1/26/15	REVISED PER DEP COMMENTS AND RESUBMITTED	PBB	PBT	PBT						
A	8/5/14	ISSUED FOR MAINE DEP REVIEW	PBB	PBT	PBT						



**LAND DESIGN SOLUTIONS**  
 LAND PLANNING, SITE PLANNING & LANDSCAPE ARCHITECTURE  
 P.O. Box 316, 160 Longhorns Road, Cumberland, ME 04001 tel:(207) 434-1717  
 CLIENT: **CULLENBERG PROJECT MANAGEMENT**  
 75 LEDGEWOOD DRIVE, FALMOUTH, MAINE 04108

DESIGN: PBT  
 DRAWN: PBB  
 CHKD: PBT  
 DATE: MAY 2014  
 SCALE: 1"=20'

**SLOPE STABILIZATION**  
 60 SULLIVAN STREET, PORTLAND, MAINE

**SITE PLAN & DETAILS**

PROJ. NO. \_\_\_\_\_  
 DWG. NO. **C-101**  
 REV. **B**