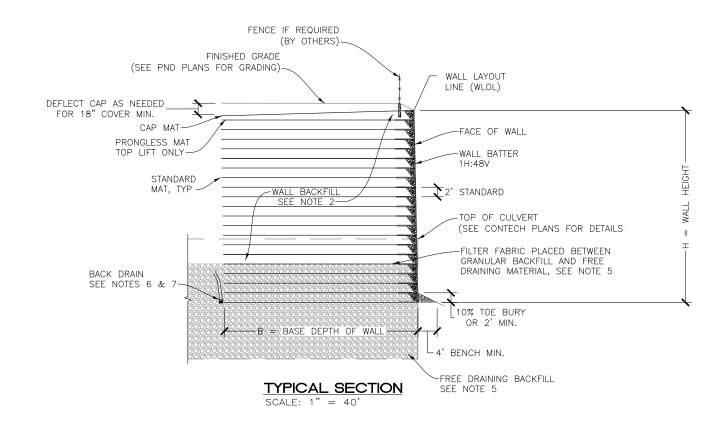


EXISTING ROADWAY-**EMBANKMENT** -BACK DRAIN SEE NOTES 6 & 7 -500 YR W.S.E PROPOSED GRADE SEE NOTE 5 PER CIVIL PLANS AT TOE OF WALL DAYLIGHT BACKDRAIN THROUGH FACE OF WALL EXTEND FREE DRAINING-FILL TO EXCAVATION LIMIT -FREE DRAINING MATERIAL (ACTUAL EXCAVATION LIMIT MAY DIFFER FROM SHOWN) TYPICAL ELEVATION SCALE: 1" = 20'



## PROJECT-SPECIFIC NOTES:

- REFERENCE DRAWINGS: BASED ON DRAWINGS FROM P.N.D. ENGINEERS, INC. SR530 TRAFTON CREEK & SCHOOLYARD CREEK FISH PASSAGE. DATED 2/25/20.
- 2. IT IS ASSUMED THAT ALL MATERIALS, BACKFILL AND CONSTRUCTION METHODS FOR HILFIKER M.S.E. WALLS WILL CONFORM TO HILFIKER'S SPECIFICATIONS. WALL BACKFILL IN REINFORCED ZONE SHALL CONFORM TO SECTION 9-03.14(4) OF WASHINGTON 2020 STANDARD SPECIFICATIONS, WITH EXCEPTION OF FREE DRAINING MATERIAL ZONE PER NOTE 5 BELOW. SEE SECTION 6-13 OF WASHINGTON 2020 STANDARD SPECIFICATIONS FOR COMPACTION REQUIREMENTS.
- 3. ALL INFORMATION HEREON IS DERIVED FROM THE REFERENCE DRAWINGS, AND IS SUBJECT TO GEOMETRIC AND GEOTECHNICAL CONFIRMATION. THE APPLICABLE HILFIKER CONSTRUCTION GUIDE AND SPECIFICATIONS ARE AN INTEGRAL PART OF THIS SUBMITTAL.
- 4. HILFIKER RETAINING WALLS SHALL BE RESPONSIBLE ONLY FOR THE INTERNAL STABILITY OF THE RETAINING WALL, AND NOT FOR GLOBAL STABILITY OR FOUNDATION BEARING CAPACITY. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ALL JOB SITE DRAINAGE, SAFETY AND FALL PROTECTION PROVISIONS FOR WORKERS IN COMPLIANCE WITH OSHA AND ANY OTHER APPLICABLE REQUIREMENTS.
- 5. FREE DRAINING MATERIAL SHALL BE PLACED FROM BOTTOM OF EXCAVATION TO THE HEIGHT OF THE 500 YEAR W.S.E. AS SHOWN ON THE CIVIL PLANS. FREE DRAINING MATERIAL SHALL CONSIST OF ANGULAR (CRUSHED) MATERIAL MEETING REQUIREMENTS OF SECTION 9-03.12(4) OF WASHINGTON 2020 STANDARD SPECIFICATIONS. FREE DRAINING MATERIAL WILL REQUIRE FILTER FABRIC (MIRIFI 140N OR EQUIVALENT) TO MINIMIZE POTENTIAL FOR MIGRATION OF FINES. FREE DRAINING FILL MATERIAL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 6-13 OF WASHINGTON 2020 STANDARD SPECIFICATIONS.
- 6. BACKDRAIN SYSTEM SHALL CONSIST OF A 6-INCH PERFORATED PVC PIPE SURROUNDED BY AT LEAST 1 CUBIC FOOT OF FREE DRAINING MATERIAL MEETING SECTION 9-03.12(4) OF WASHINGTON 2020 STANDARD SPECIFICATIONS, WRAPPED IN MIRAFI 140N FILTER FABRIC (OR EQUIVALENT).
- '. BACKDRAIN GRADIENT SHALL NOT BE LESS THAN 1% WHEN POSSIBLE, PROVIDE DRAIN OUTLETS THROUGH FACE OF WALL AND EXTEND TO DAYLIGHT.

REVISIONS BY

3 6-30-20 NM

4 7-9-20 NM

5 7-21-20 NM

6 9-18-20 NM

AFFILIATES

NGENGINEERS

TORIVE, EUREKA, CA 95501

PACIFICA consulting 1990w.waterfront or





TYPICAL WALL SECTION

CATLAIRS. NO. HEREN EDMESS. RESERVES IS COMMON
CONTRACTOR FOR THE PLANS.
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MECHANICALLY STABILIZED
EARTH WALL
FOR:
HILFIKER RETAINING WALLS
SRS30 TRAFTON CREEK & SCHOOLYARD
CREEK EISH PASSAGE
ARI INGTON WA

Date:
JANUARY 20, 2020
Scale: Drawn by:
AS NOTED NM

SHEET NUMBER S-4

JOB NUMBER 19-2597

