

PORT OF HOOD RIVER RIGGING AREA

HOOD RIVER COUNTY, OREGON
OCTOBER 2021

OWNER/CLIENT

PORT OF HOOD RIVER
1000 E PORT MARINA DR
HOOD RIVER, OR 97031
CONTACT PERSON: DARYL STAFFORD
EMAIL: WATERFRONT@PORTOFHOODRIVER.COM

PROJECT LOCATION

THE WEST SIDE OF "THE HOOK" AT THE PORT OF HOOD RIVER
PORTWAY AVE
HOOD RIVER, OR 97031

ENGINEER/SURVEYOR

BELL DESIGN COMPANY
900 WEST STEUBEN STREET,
PO BOX 308, BINGEN, WA. 98605
PHONE (509) 493-3886
FAX (509) 493-3885
STONER BELL, MSCE, P.E., EN, CWRE
stonerbell@belldesigncompany.com

AGENCY & UTILITY CONTACTS:

CITY OF HOOD RIVER PUBLIC WORKS
1200 18TH ST. HOOD RIVER, OR 97031
MARK JANECK - (541) 387-5205
M.JANECK@CITYOFHOODRIVER.GOV

HOOD RIVER FIRE DEPT.
1785 MEYER PKWY. HOOD RIVER, OR 97031
LEONARD DAMIEN - (541) 386-3939
L.DAMIEN@CITYOFHOODRIVER.GOV

PACIFIC POWER AND LIGHT CO.
P.O. BOX 300 HOOD RIVER, OR 97031
ALAN WILM - (541) 308-2008
ALAN.WILM@PACIFICCORP.COM

NORTHWEST NATURAL GAS CO.
RYAN WINFREE 503-226-4211 EXT. 2045
218 NE 66TH ST., VANCOUVER, WA 98662

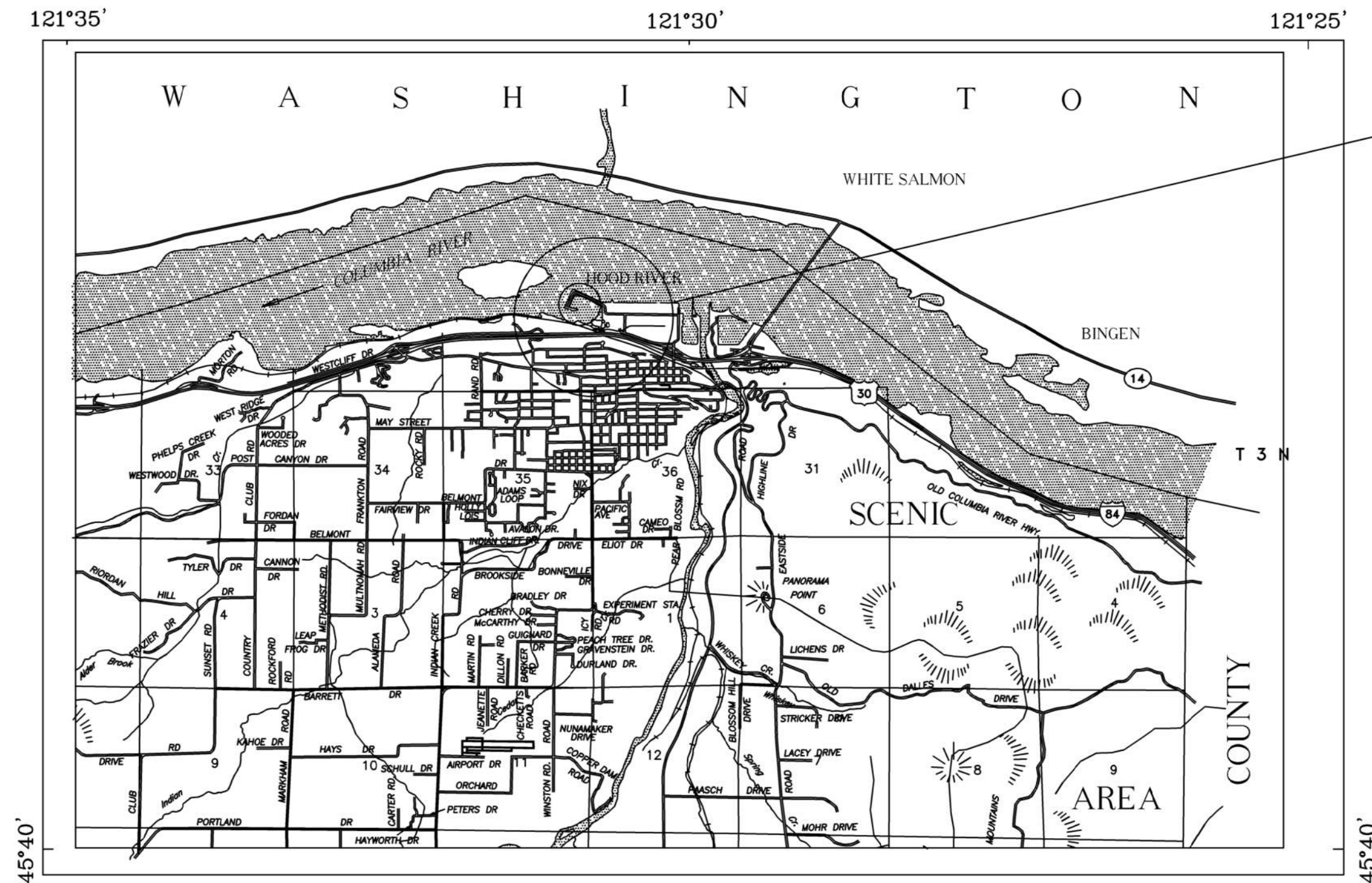
CALL BEFORE YOU DIG

ONE CALL UTILITY LOCATE (OREGON) - (800) 332-2344

ATTENTION EXCAVATORS: OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER.

THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987 OR BY ACCESSING THE INTERNET AT: WWW.STATE.OR.US/GOVERNMENT.HTM.

THE CONTRACTOR MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING ANY EXCAVATION BY CALLING 811.



VICINITY MAP / PROJECT LOCATION

N.T.S.

PROJECT SUMMARY

DESCRIPTION OF WORK

THIS PROJECT INVOLVES THE CONSTRUCTION OF TWO NEW RIGGING AREAS LOCATED ON THE WEST END OF THE PORT OF HOOD RIVER'S "HOOK". RIGGING AREA #1 WILL BE THE PRIMARY BID. BID ALTERNATIVE #1, ALTERNATIVE #2, AND ALTERNATIVE #3 WILL COVER THE CONSTRUCTION OF RIGGING AREA #2 IN ITS WHOLE OR IN PART. THE PORT WILL HAVE THE FREEDOM TO SELECT ANY INDIVIDUAL ALTERNATIVE BID OR ANY COMBINATION OF BIDS TO AWARD THE CONTRACT OR PORTIONS OF THE CONTRACT. ALTERNATIVE BID PORTIONS MAY BE AWARDED TO DIFFERENT BIDDERS.

THE WORK INVOLVES A SMALL AMOUNT OF GRADING WORK TO CREATE AN UNDER DRAIN AND OUTLET FOR THE ARTIFICIAL TURF AREA. THIS WORK ALSO INCLUDES PROVIDING AND INSTALLING VARIOUS COMPACTED SUBGRADE MATERIALS UNDER THE RIGGING AREA TURF, CURBS, AND SITTING WALL. THE WORK ALSO INCLUDES INSTALLING A 6-INCH PERFORATED DRAIN PIPE AND OUTLET, INSTALLING AN ARTIFICIAL TURF AREA, 8-INCH WIDE CURBS WITH RADII AS SPECIFIED ON THE PLANS, AND CONSTRUCTING A CURVED 24-INCH WIDE AND TALL ROCK SITTING WALL WITH TAPERED REINFORCED END COLUMNS.

WHILE THE PROJECT AREAS ARE FAIRLY FLAT, THE SUCCESSFUL BIDDER WILL PROVIDE ALL GRADING WORK AND FILL MATERIALS NECESSARY TO CONSTRUCT THE RIGGING AREA TO GRADES AND ELEVATIONS AS SHOWN ON THE DRAWINGS. ALL EXCESS EXCAVATED MATERIALS SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE OFFSITE AT THEIR SOLE EXPENSE OR PROFIT. THE PORT OF HOOD RIVER WILL NOT PROVIDE A LOCATION TO DISPOSE OF EXCAVATED MATERIALS.

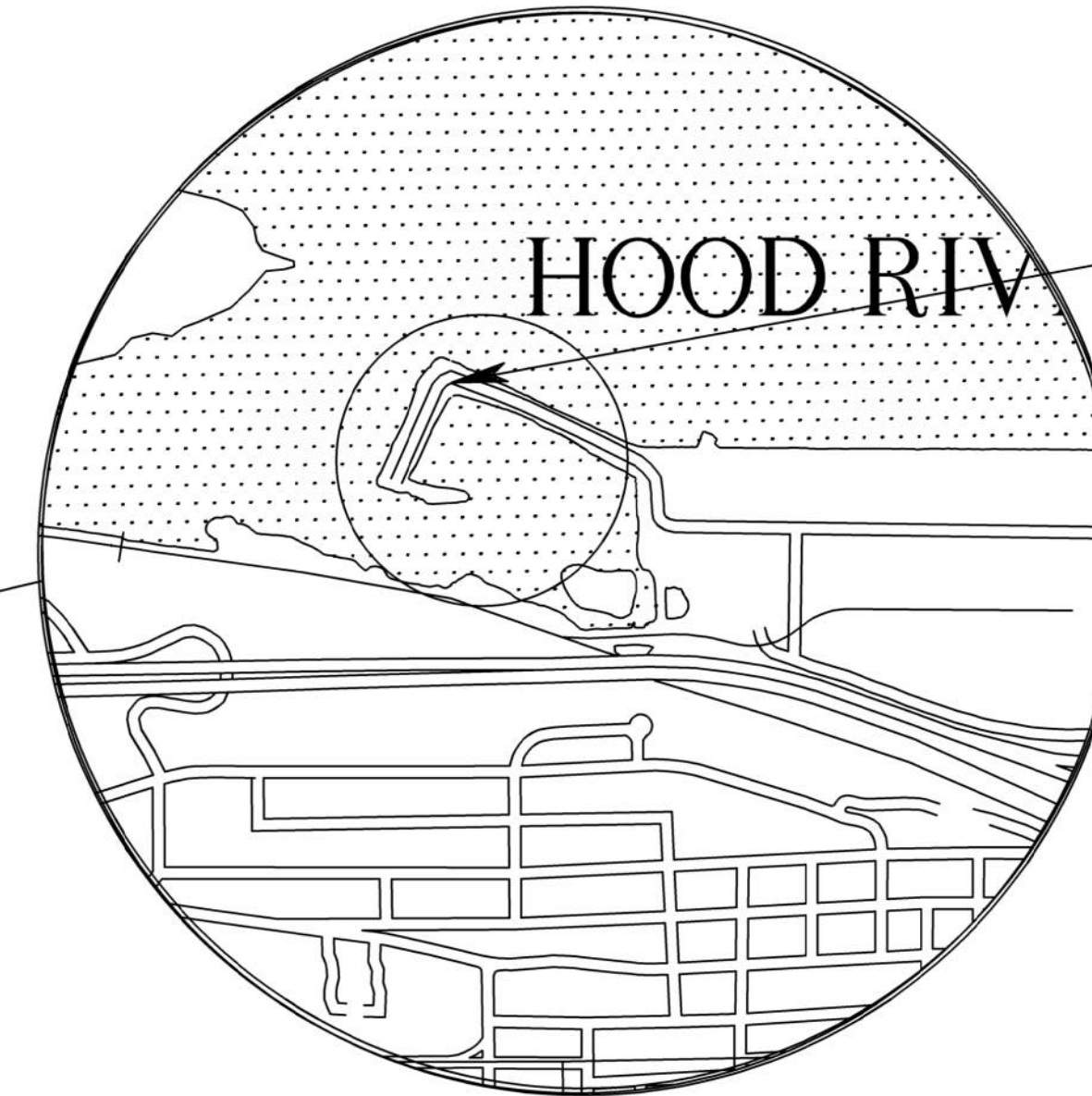
THE PRIMARY BID WILL INCLUDE ALL WORK NECESSARY TO CONSTRUCT RIGGING AREA #1 COMPLETE. ALTERNATIVE BID #1 WILL INCLUDE ALL WORK NECESSARY TO CONSTRUCT RIGGING AREA #2 COMPLETE. ALTERNATIVE BID #2 WILL INCLUDE ALL WORK NECESSARY TO CONSTRUCT RIGGING AREA #2 SITTING WALL. ALTERNATIVE BID #3 WILL INCLUDE ALL WORK NECESSARY TO CONSTRUCT RIGGING AREA #2 SUBGRADE GRADING, INSTALLATION OF CURBS (EXCLUDES SITTING WALL FOUNDATION), BARRIER ROCKS, AND PERFORATED PIPE AND OUTFALL (BACKFILLING WITH NATIVE MATERIAL OF NEW CURB WILL BE REQUIRED TO SUPPORT AND PROTECT CURB).

THE PROJECT WILL BE A UNIT PRICE BID WITH THE FOLLOWING TYPE OF QUANTITIES:
UNIT PRICE= UNIT QUANTITIES SHALL BE MEASURED IN THE FIELD AND THE CONTRACTOR SHALL BE PAID FOR THE ACTUAL QUANTITY USED (INSTALLED) ON THE PROJECT. EXPECTED OVERAGE AND WASTE OF MATERIALS MUST BE INCLUDED IN THE UNIT PRICE.
PLAN QUANTITY= THE CONTRACTOR SHALL BE PAID FOR THE QUANTITY SHOWN ON THE BID TAB REGARDLESS OF HOW MUCH IS ACTUALLY USED WITHIN THE PROJECT LIMITS. THE BIDDER IS ENCOURAGED TO MAKE THEIR OWN ESTIMATES OF QUANTITIES TO BE USED AND ADJUST THEIR UNIT PRICE ACCORDINGLY. THIS ITEM FUNCTIONS MUCH LIKE A LUMP SUM, BUT GIVES THE OWNER THE FLEXIBILITY TO EXPAND THE USE OF THE QUANTITY BEYOND THE PROJECT LIMITS BASED UPON THE PLAN QUANTITY UNIT PRICE.
NON-GUARANTEED ITEMS= THESE ITEMS MAY OR MAY NOT BE USED IN THE PROJECT DEPENDING ON THINGS LIKE WEATHER, SUBSURFACE DIFFERING CONDITIONS, ETC. THE BIDDER SHOULD NOT PLACE OVERHEAD AND PROFIT FOR THE PROJECT ON THESE ITEMS BECAUSE THEY MAY NOT BE USED. IF QUANTITIES EXCEED 20% OF THE VALUE SHOWN ON THE BID TAB, THE CONTRACTOR MAY RENEGOTIATE THE PRICE WITH THE PORT TO COVER ANY INCREMENTAL BONDING OR INSURANCE THAT WOULD BE NECESSARY TO COVER THESE ITEMS. THESE ITEMS TYPICALLY COVER DEWATERING, FOUNDATION STABILIZATION, ROCK EXCAVATION, ETC.
LUMP SUM AS A QUANTITY MEANS THAT ALL MATERIALS, WORKMANSHIP, AND EQUIPMENT NECESSARY TO INSTALL THE ITEM, COMPLETE, SHALL BE PAID FOR AT THE PRICE LISTED AFTER THAT PORTION OF THE PROJECT IS DEEMED COMPLETE REGARDLESS OF THE QUANTITY OF MATERIALS, MAN-HOURS, OR EQUIPMENT NEEDED TO COMPLETE THE ITEM

EXCAVATION/GRADING IS UNCLASSIFIED AND ALL COST SHALL BE INCLUDED IN COST OF FILL MATERIALS OR OTHER ASSOCIATED BID ITEMS.
ALL ROCK QUANTITIES ARE PLAN QUANTITY BID ITEMS.

SITE ACCESS: ACCESS TO THE CONSTRUCTION SITE SHALL BE VIA PORTWAY AVE.

GENERAL WORKING HOURS: ALL WORK SHALL BE PERFORMED MONDAY-FRIDAY FROM 7:00 AM - 7:00 PM. WEEKEND/HOLIDAY WORK: CONTRACTOR SHALL SUBMIT WEEKEND WORK REQUEST AND ALL WEEKEND WORK MUST BE APPROVED BY THE PORT OF HOOD RIVER
A MINIMUM OF FIVE (5) DAYS IN ADVANCE



PROJECT
LOCATION
PORT OF HOOD RIVER
PORTWAY AVE
HOOD RIVER, OR 97031

SHEET INDEX

C1.00 COVER SHEET
C1.01 GENERAL NOTES
C1.02 EXISTING CONDITIONS AND DEMO PLAN
C1.03 PROPOSED CONSTRUCTION LAYOUT PLAN
C1.04 EROSION CONTROL PLAN

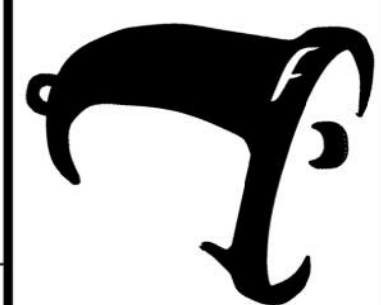
D1.00 DETAIL SHEET

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COVER SHEET
THE HOOK RIGGING AREA EXPANSION

PORT OF HOOD RIVER

HOOD RIVER OREGON

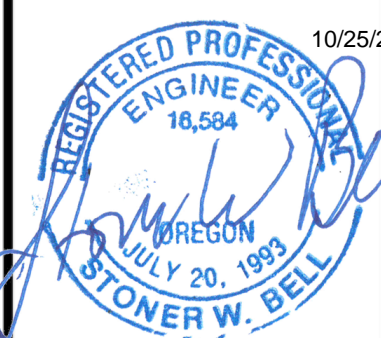
JOB NO. 21B205

DATE 10/21/21

DRAWN BY JDN CHECKED BY SWB

REVISIONS DATE

RECORD DRAWINGS DATE



SHEET NO.
C1.00

THIS LINE IS 1" LONG. IF THIS LINE IS NOT 1" LONG, ADJUST SCALE ACCORDINGLY

C1.01 SCALE: N.T.S.

SCALE: N.T.S.

COLUMBIA RIVER

TERRA SURVEYING
EXHIBIT MAP
PORT OF HOOD RIVER

LOCATION OF SURVEY:
THE HOOK PUBLIC BEACH AREA, LOCATED ON
THE NORTHWEST BEND IN THE PENINSULA ON
PORTWAY AVENUE NEAR PARKING AND WATER
RECREATION RIGGING AREA

MOVE ROCKS TO BE USED IN RIGGING AREA #1 AND #2 IF
APPLICABLE TO PROTECTED LOCATION UNTIL TIME OF INSTALLATION.
THE PORT WILL REMOVE OTHER BOULDERS, IF ANY, THAT WILL
NOT BE USED IN THIS PROJECT.

NARRATIVE:
THE PURPOSE OF THIS SURVEY WAS
TO PROVIDE TOPOGRAPHIC DETAIL
ON THE HOOK PUBLIC BEACH AREA.
TOPOGRAPHIC DETAIL WAS DONE ON
THE SUBJECT PROPERTY PER THE
REQUEST OF THE PORT OF HOOD
RIVER.

CONTOUR INTERVAL IS SHOWN AT
1 FOOT.

EXISTING CONDITION SURVEY
CREATED ON JUNE 14, 2021
BY TERRA SURVEYING
P.O. BOX 617
HOOD RIVER, OREGON 97031

LEGEND:

- MANHOLE
- LIGHT
- ELECTRICAL BOX
- PARK BENCH
- DRAIN
- PORTA JOHN
- BOULDER WITH PLAQUE
- VEHICLE BARRIER BOULDER

LINE/HATCH LEGEND:

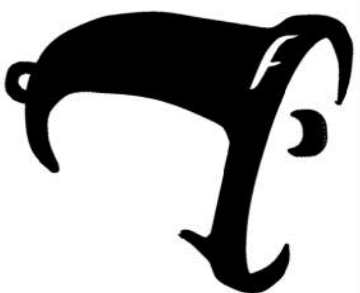
- EDGE OF WATER
- TOP OF BANK
- CONCRETE
- GRAVEL DRIVE
- SEATWALL
- PAVEMENT
- BOULDERS TO BE REPOSITIONED

D-1
C1.02
EXISTING RIGGING AREA CONDITIONS AND DEMO PLAN
1" = 20"

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EX. CONDITION AND DEMO PLAN
THE HOOK RIGGING AREA EXPANSION
PORT OF HOOD RIVER
HOOD RIVER OREGON

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SHEET NO.
C1.02

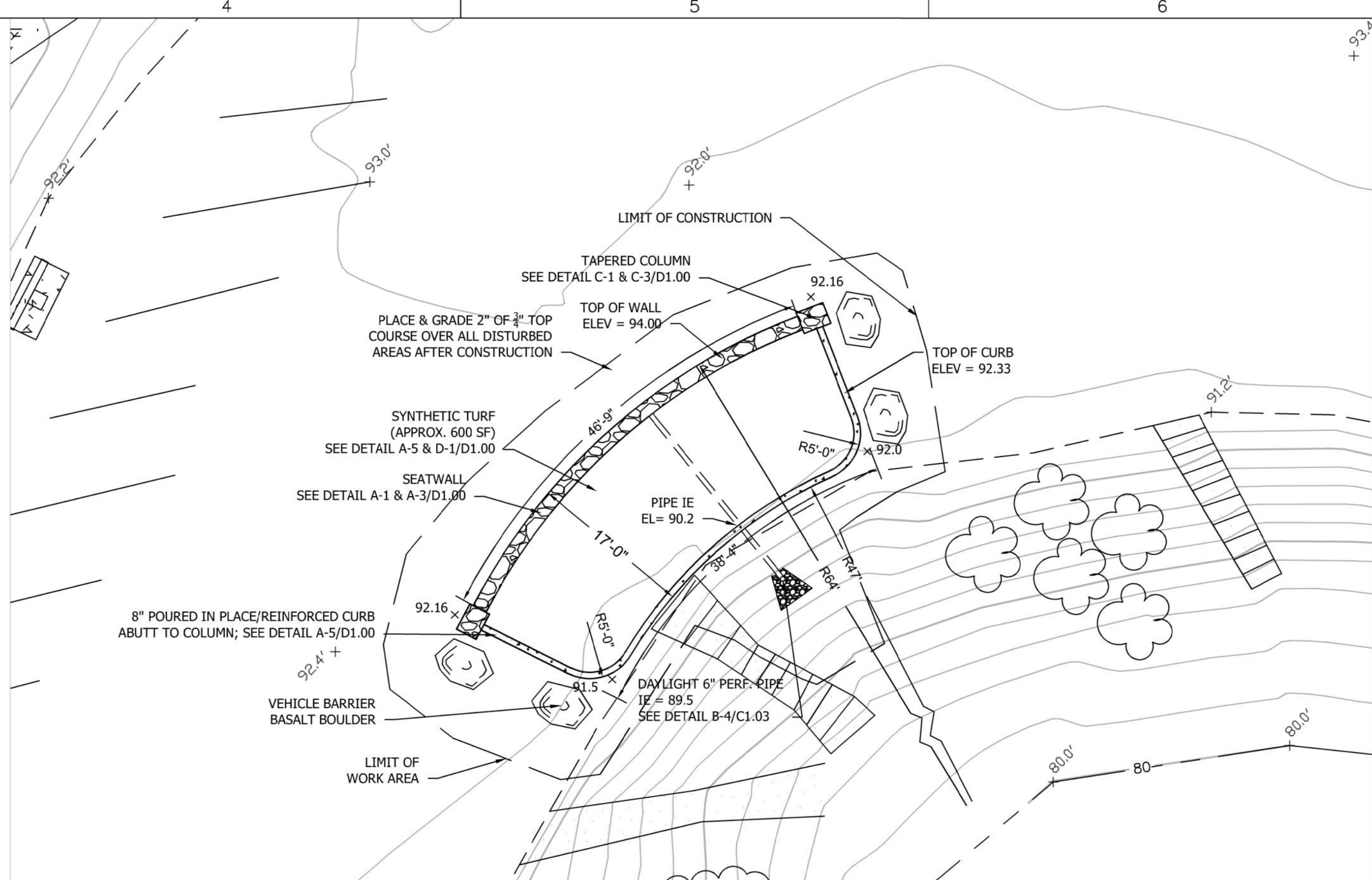
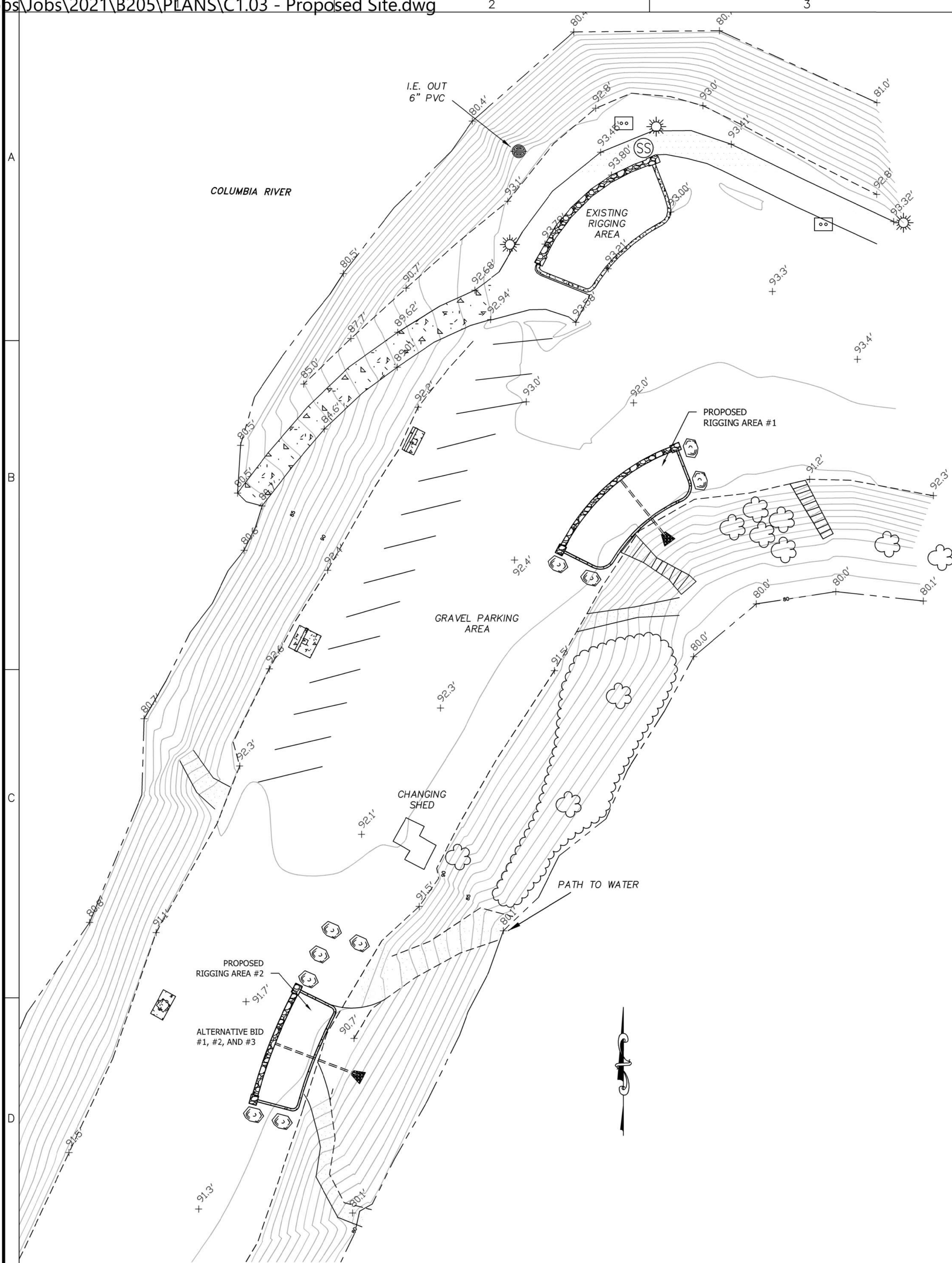
A

B

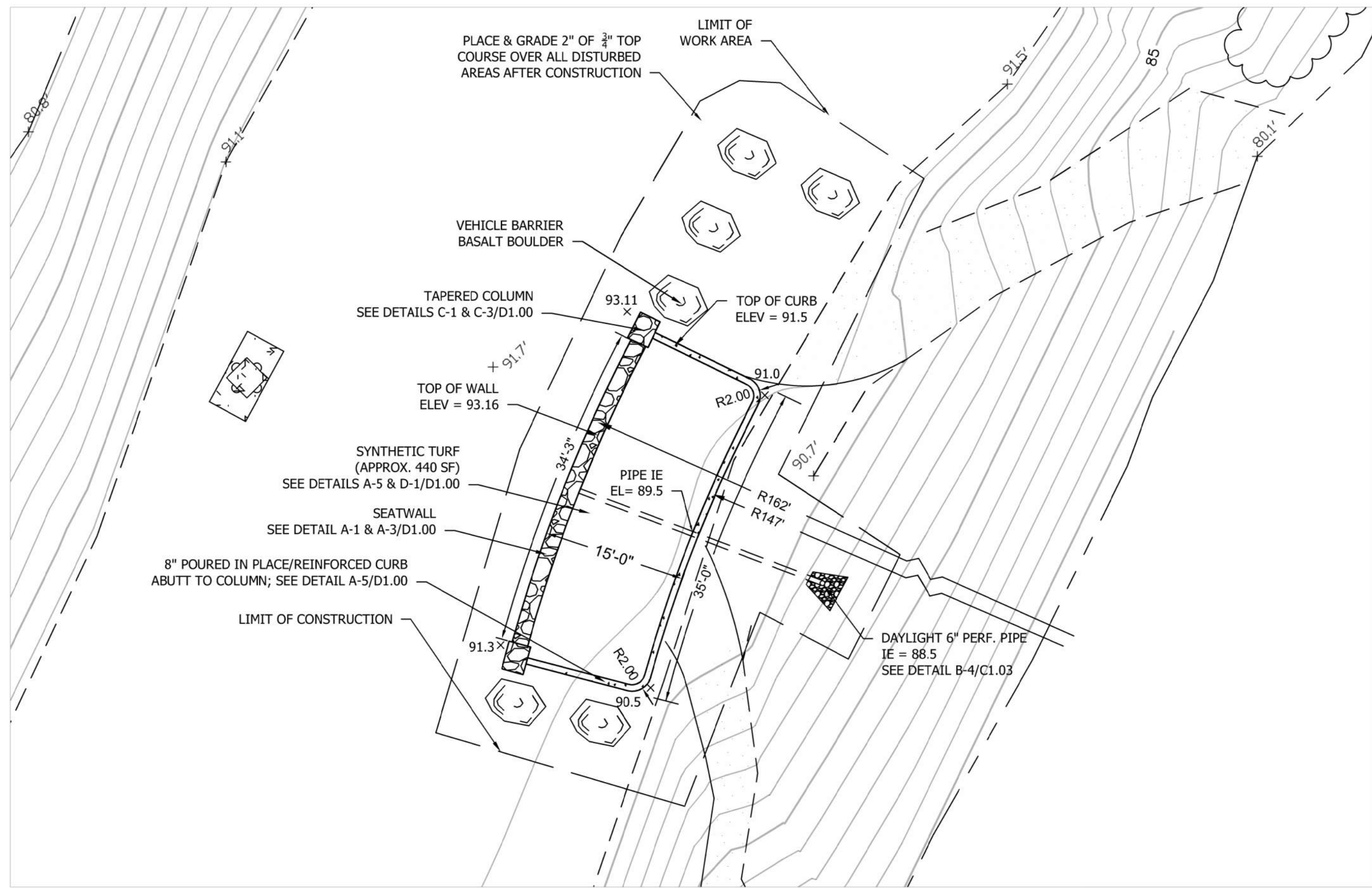
C

D

D-1
C1.03
RIGGING AREA IMPROVEMENTS
1" = 20'



B-4
C1.03
PROPOSED RIGGING AREA #1
1" = 10'

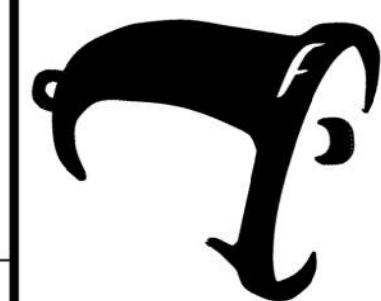


D-4
C1.03
PROPOSED RIGGING AREA #2 - ALTERNATE BID #1, #2, #3
1" = 10'

THIS LINE IS 1" LONG. IF THIS LINE IS NOT 1" LONG, ADJUST SCALE ACCORDINGLY

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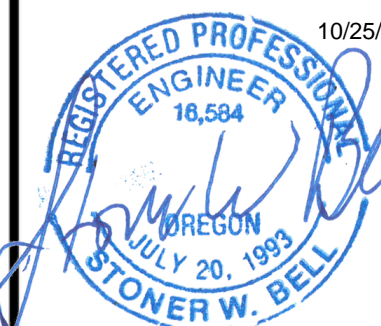
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**PROPOSED RIGGING AREAS
THE HOOK RIGGING AREA EXPANSION**
PORT OF HOOD RIVER

HOOD RIVER OREGON

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SHEET NO.
C1.03

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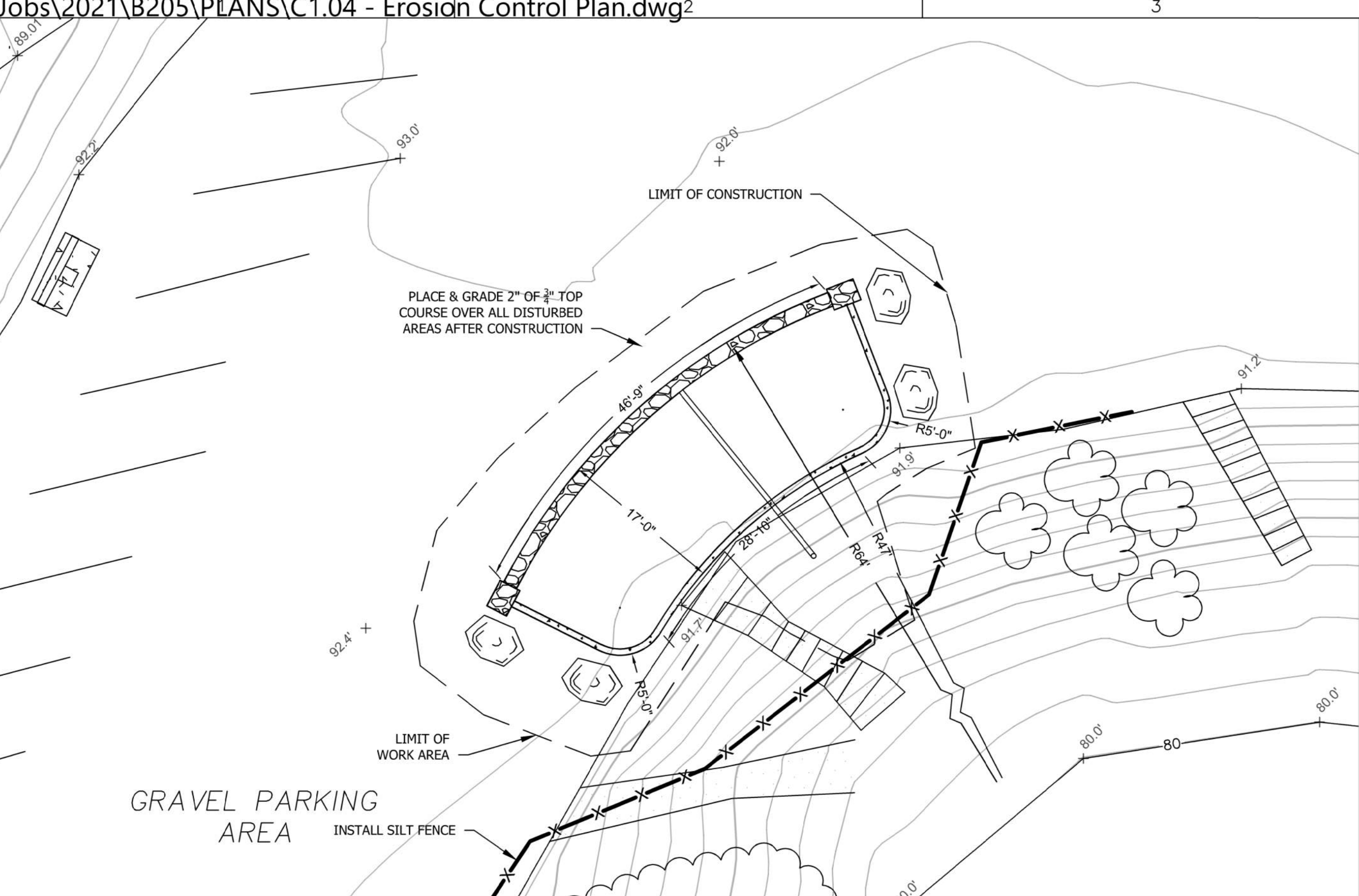
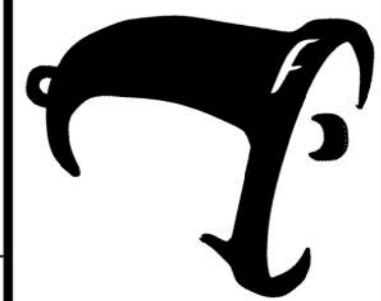
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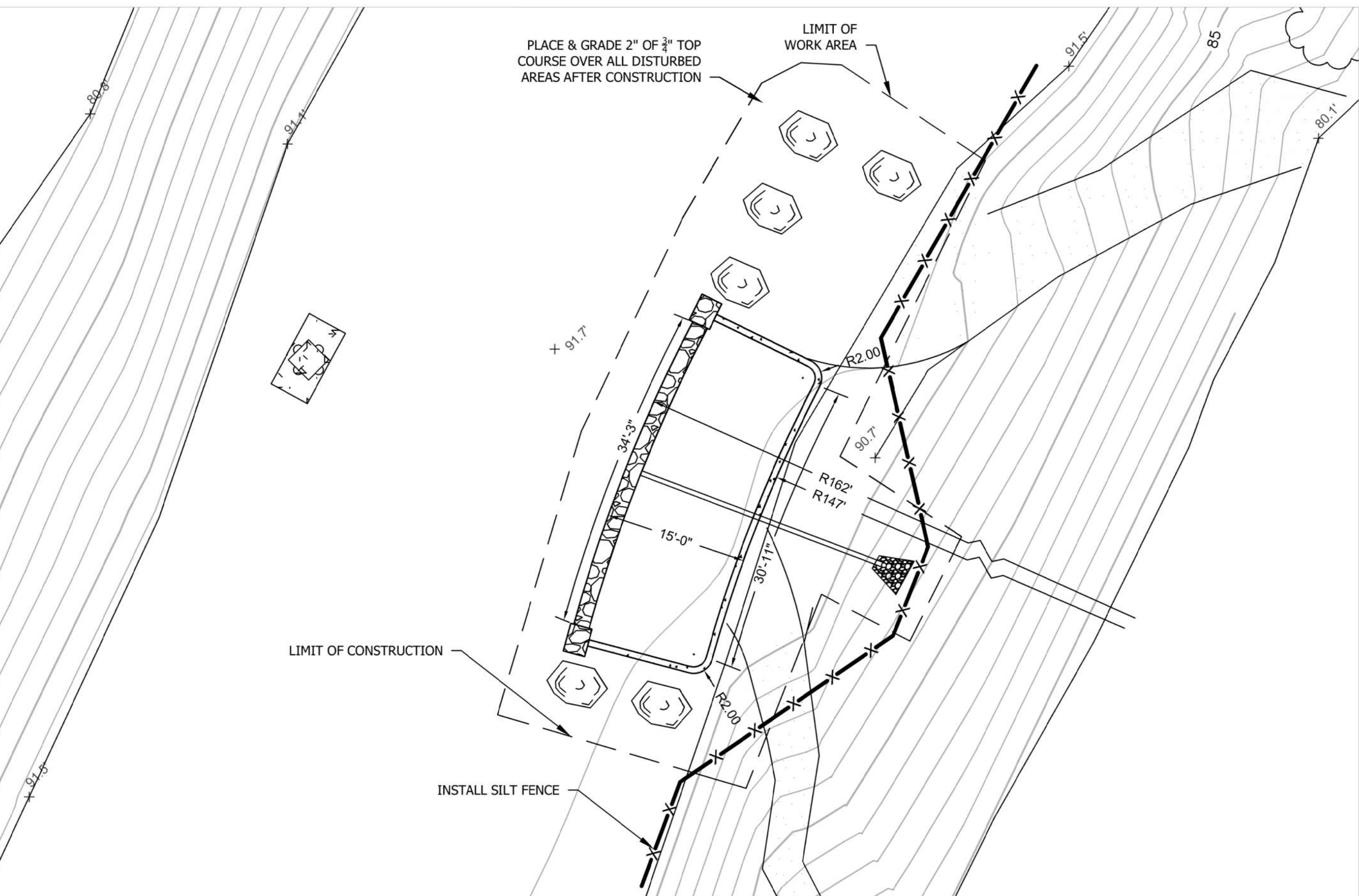
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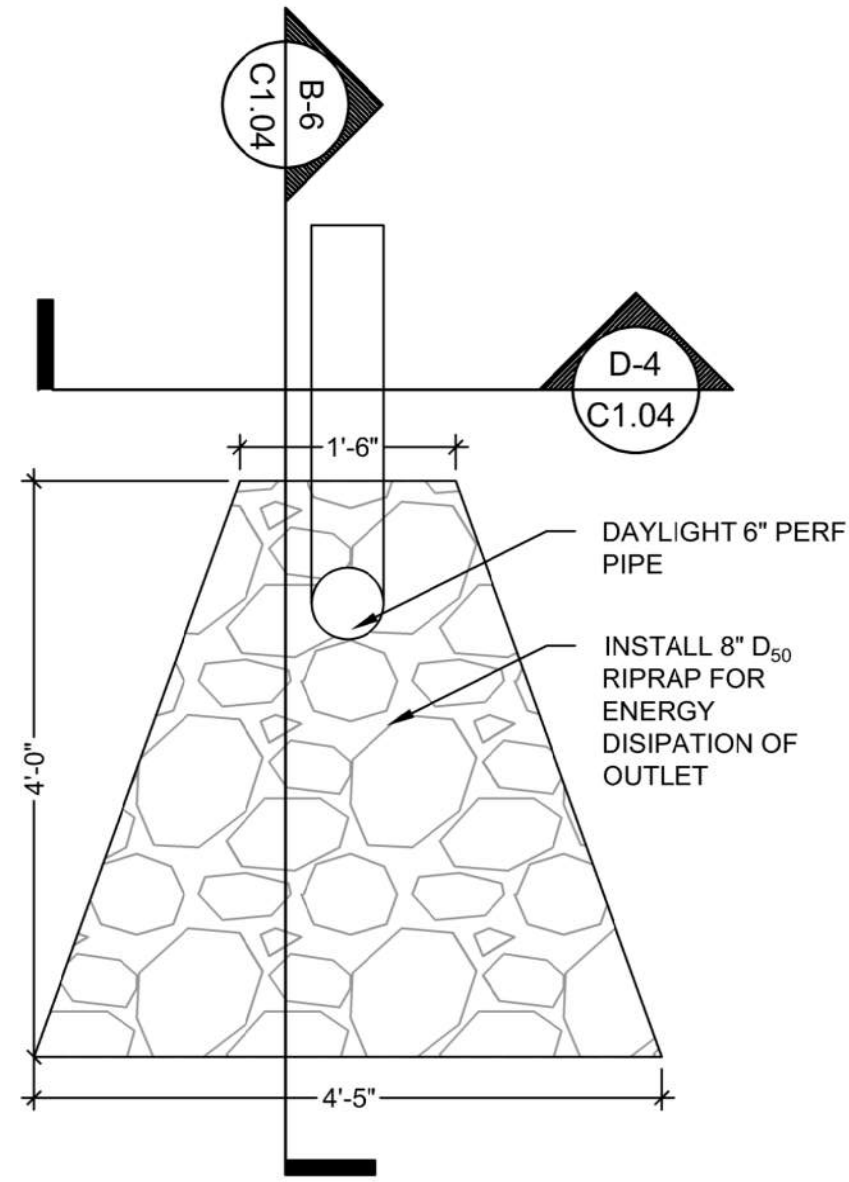
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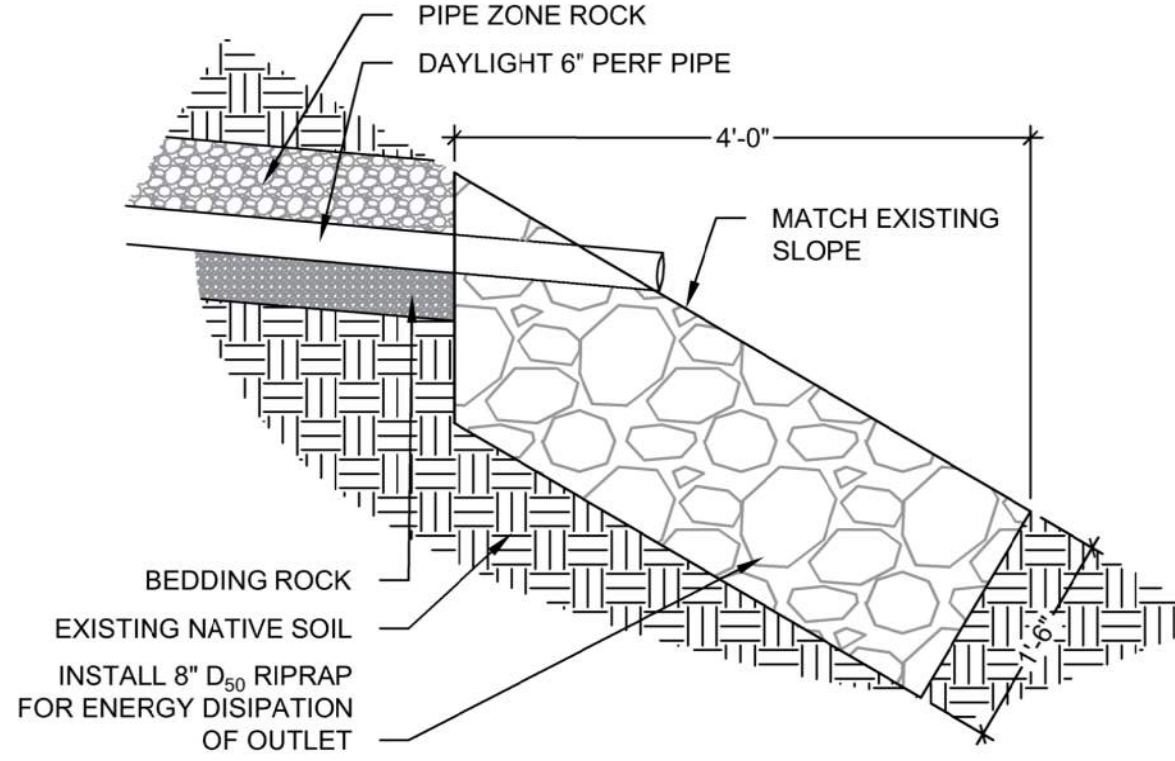
B-1
C1.04
EROSION CONTROL - RIGGING AREA #1
1" = 10'



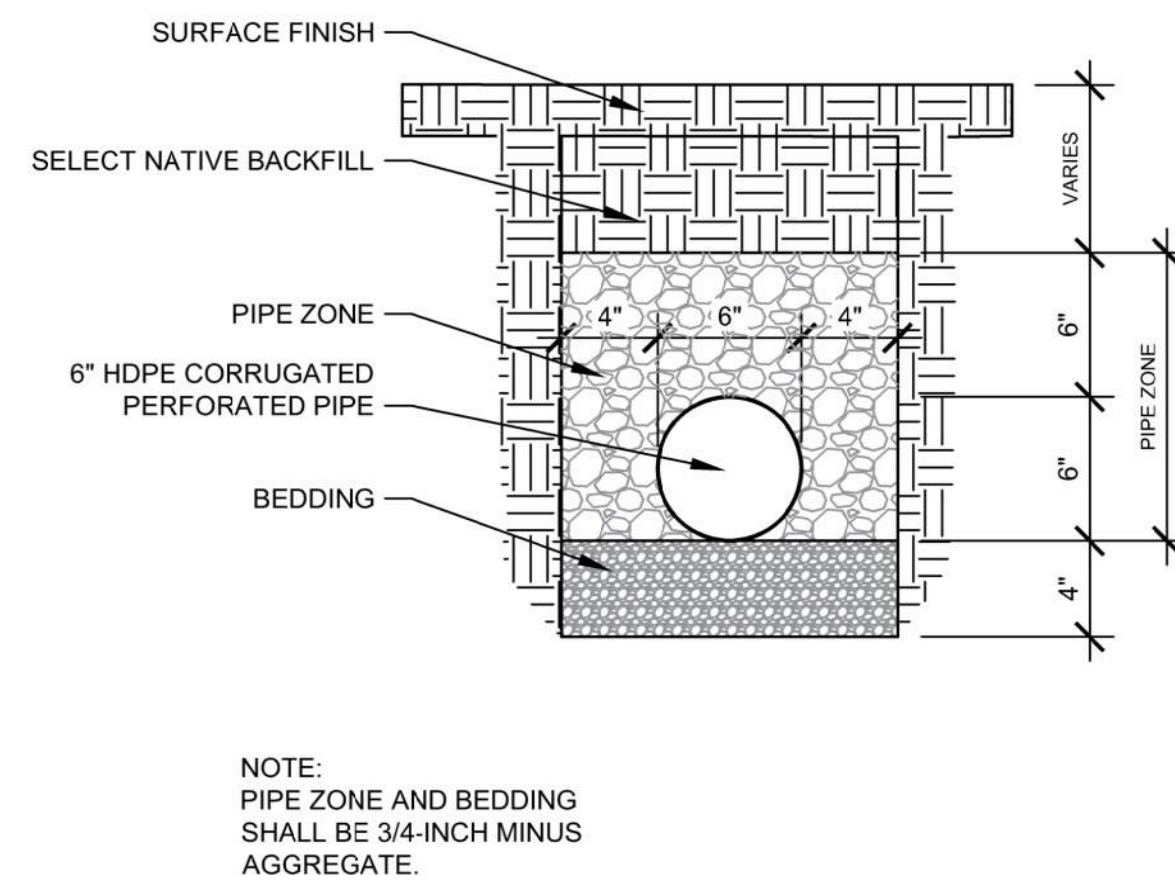
D-1
C1.04
EROSION CONTROL - RIGGING AREA #2
1" = 10'



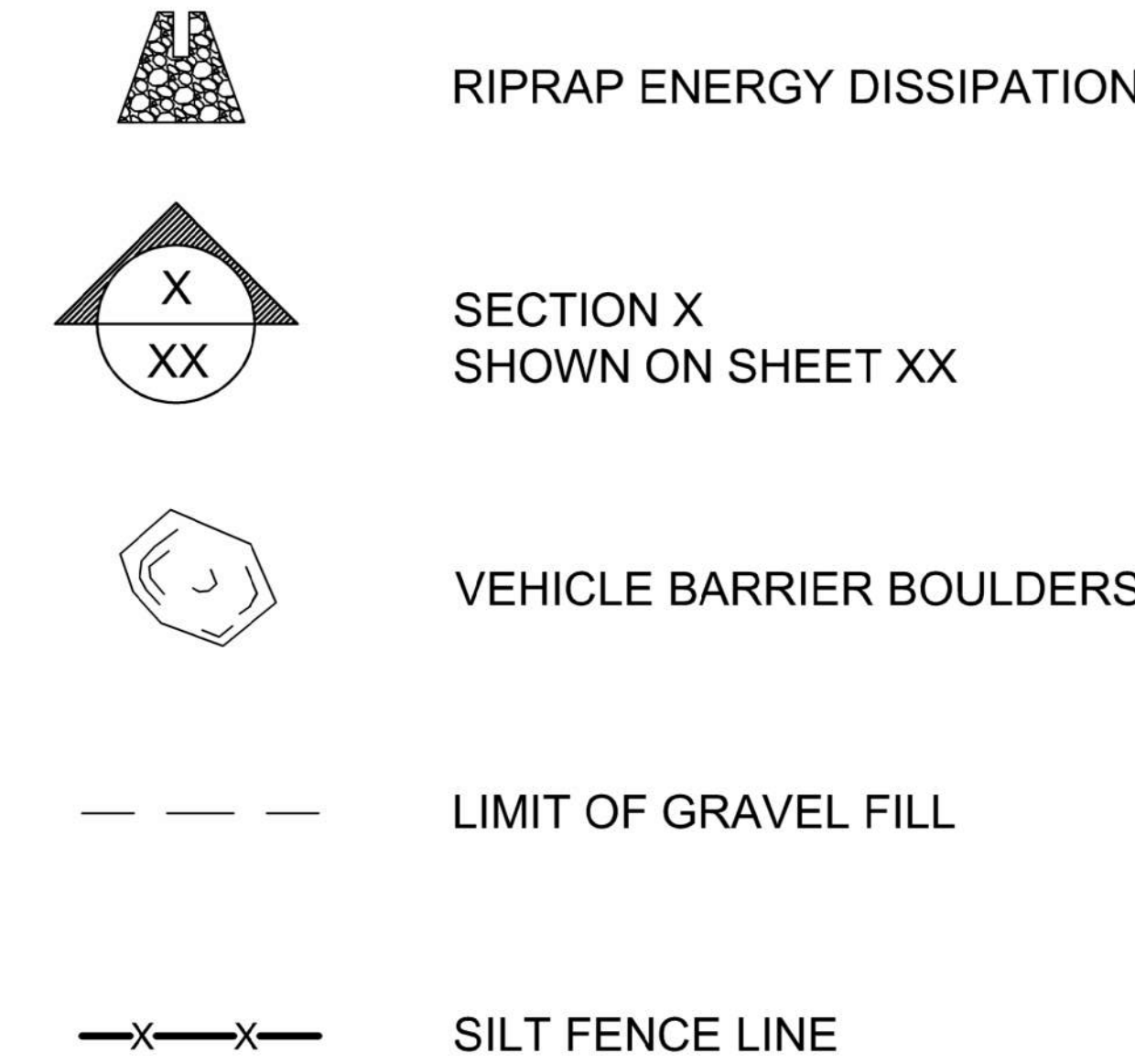
B-4
C1.04
RIPRAP ENERGY DISSIPATION PLAN
3/4" = 1'-0"



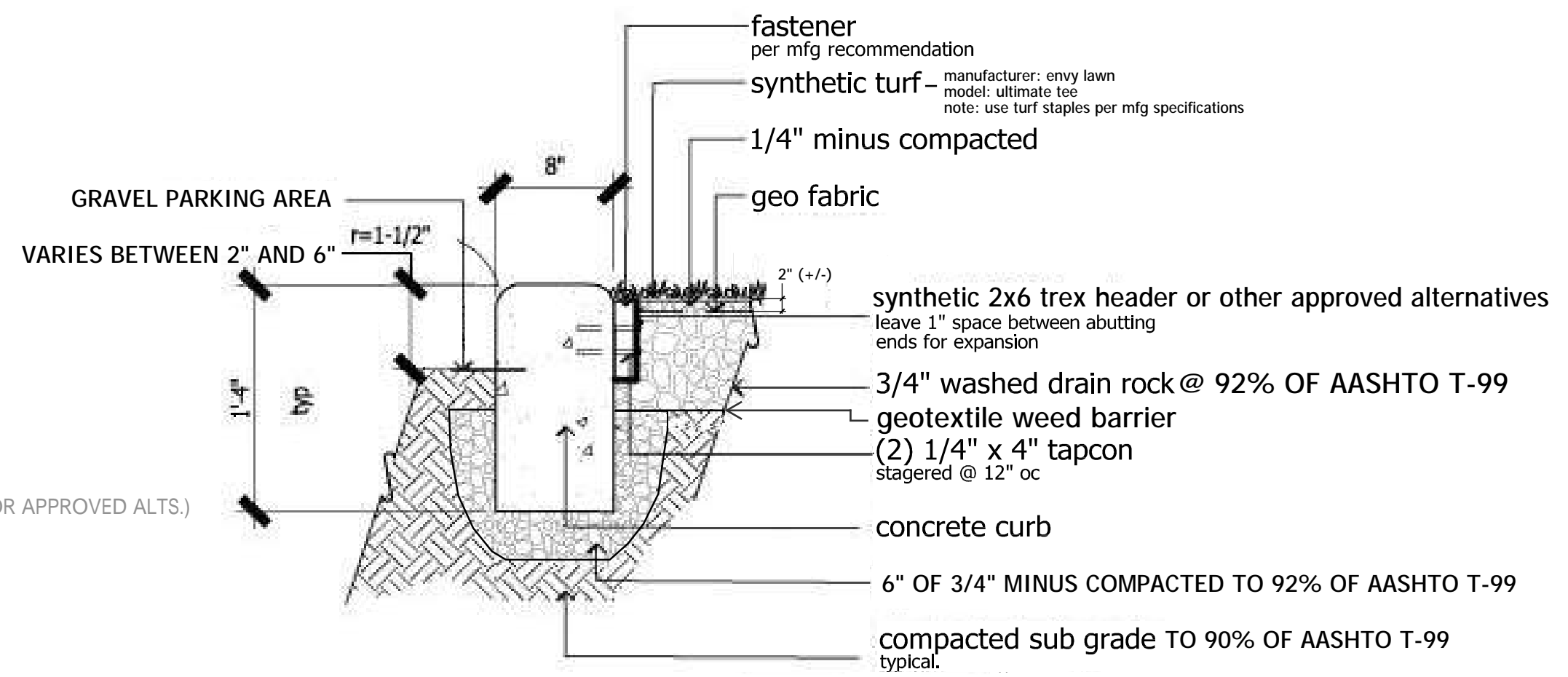
B-6
C1.04
RIPRAP DISSIPATION SECTION
3/4" = 1'-0"



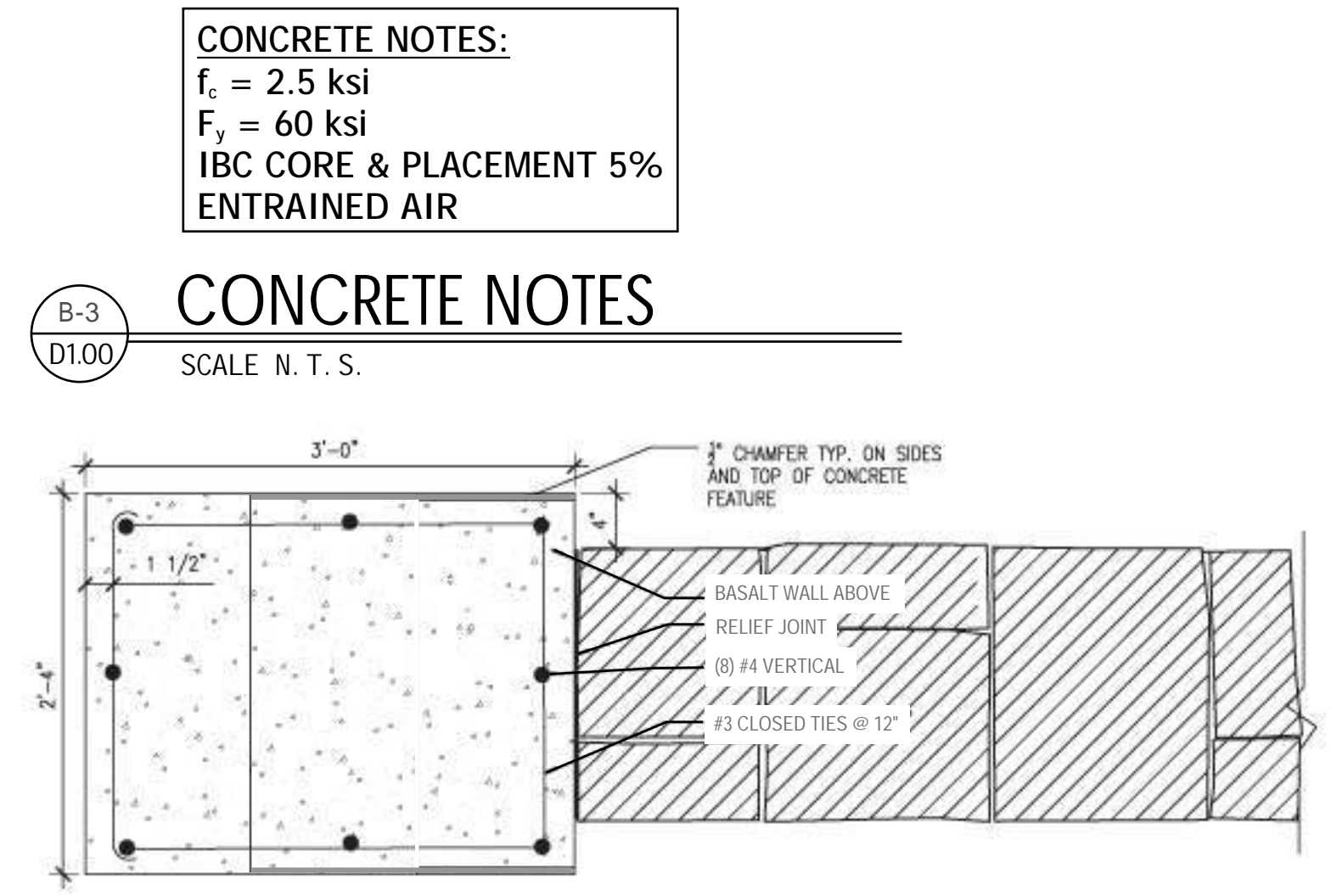
D-4
C1.04
CROSS SECTION OF PERF. PIPE
1-1/2" = 1'-0"



B-6
C1.04
LEGEND
NO SCALE



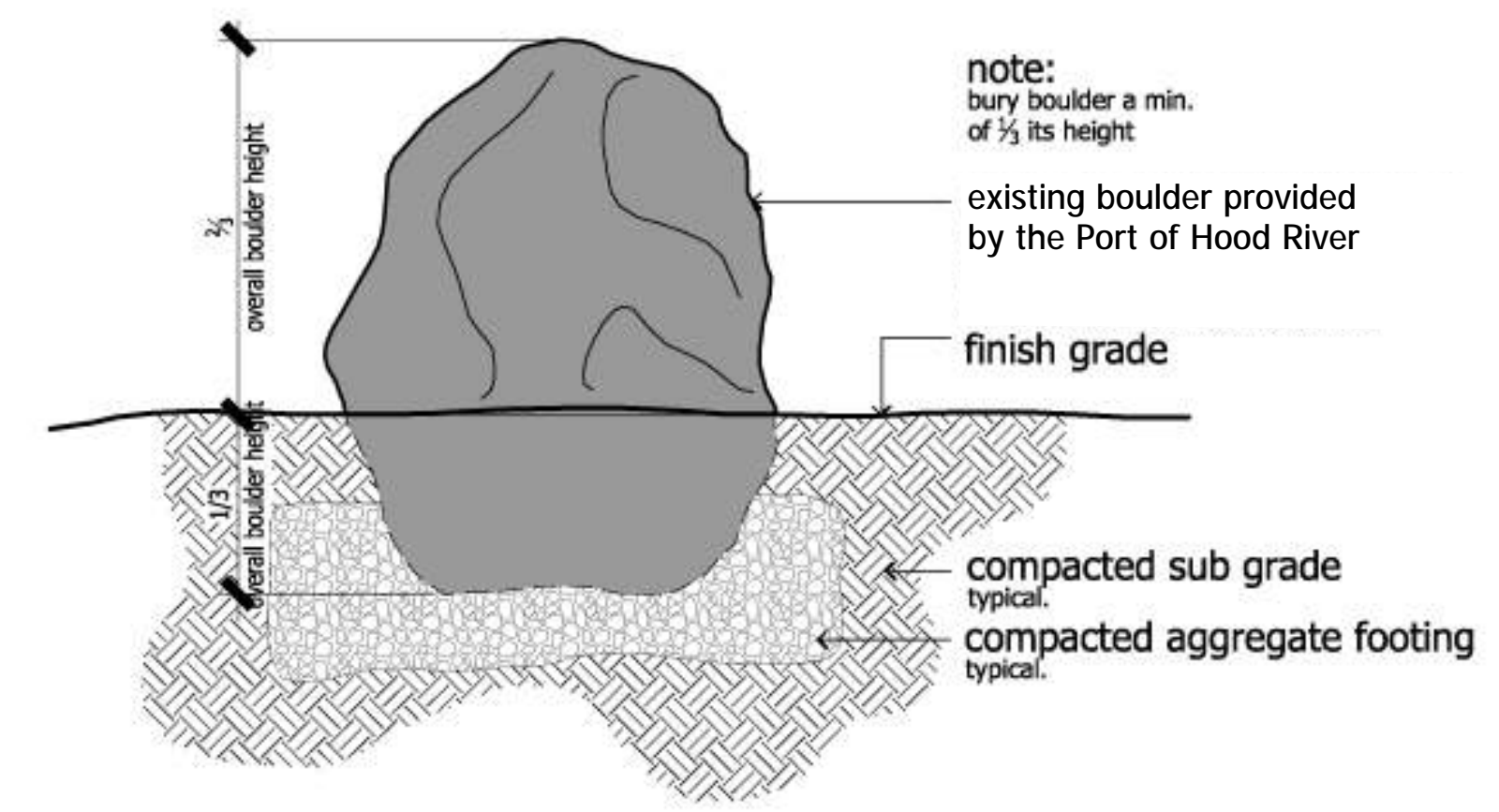
SECTION: CURB AND ARTIFICIAL LAWN EDGE



C-3
D1.00

PLAN: TAPERED COLUMN

SCALE 1" = 1'-0"



C-5
D1.00

VEHICLE BARRIER BOULDER

SCALE N. T. S.

