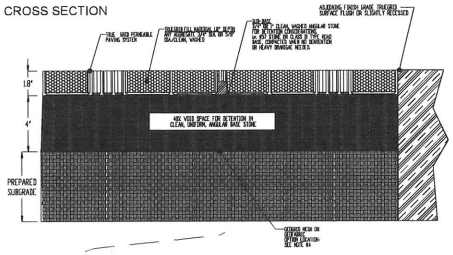
TRUEGRID PAVING CROSS SECTION

NOTES:

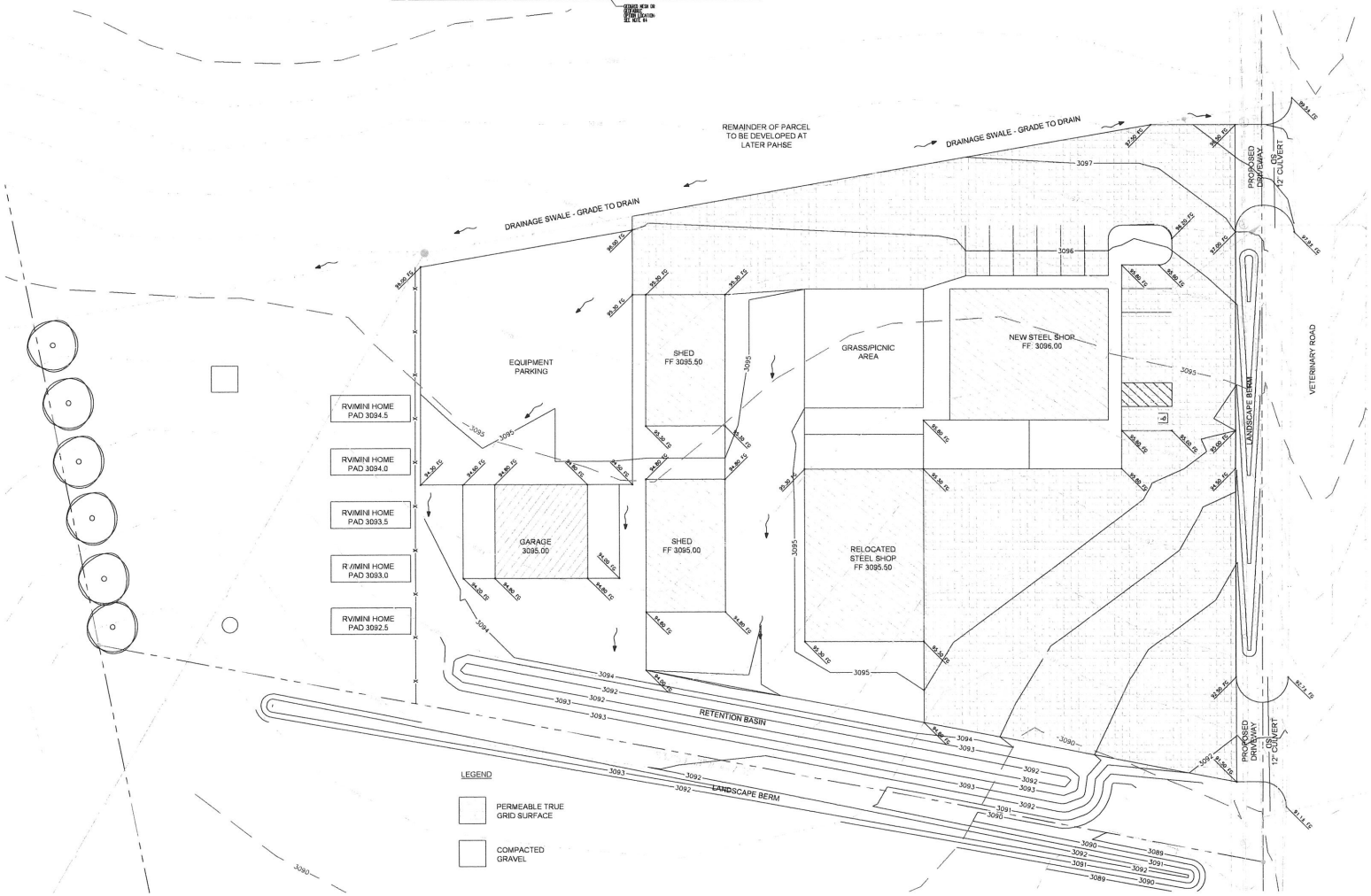
1. TRUEGRID PRO PLUS PRODUCTS ARE SUFFICIENTLY RATED FOR H-20 / HS-20 LOADING AND GREATER.
2. GEOGRID MESH OR GEOFABRIC REQUIRED BETWEEN SUB-GRADE & SUB-BASE FOR SEPARATION.
3. NO STAKING NECESSARY WITH TRUEGRID PRO PLUS WITH SLOPES BELOW 10 DEGREES.
4. DEPTH OF 4" IS USED FOR STORAGE CAPACITY
5. DRAINAGE AREA 1 CONSISTS OF 31,494 SF ASSUMED C=0.95 FOR MAXIMUM RUNOFF VOLUME.
6. Q = CIA = 0.95*1*31494 = 0.69 CFS
7. V = CITA = 0.95*(4/12)*1*31494 = 2,493 CF
8. 25,613 SF OF TRUEGRID TO BE INSTALLED ON SITE.
9. SUB BASE DEPTH OF 4" AT 40% VOIDS
10. STORAGE = 25613*4/12*.4= 3,415 CF
11. TRUEGRID PAVERS HAS ADEQUATE CAPACITY TO HANDLE THE RUNOFF



Graphic Scale:

Attention is Drawn to the Fact That Drawing Scales May be Altered During Reproduction Processes. Scales Shown Hereon are Based on a Full Scale Sheet Size of 22" x 34".

Scale: 1" = 20'



ACKERMAN ESTVOLD
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Minot, ND | Fargo, ND | Williston, ND | Boise, ID

CASTLE MOUNTAIN HOMES
SITE IMPROVEMENTS
MIDDLEFORK ROAD, GARDEN VALLEY, IDAHO

DRAWN BY: AMC
CHECKED BY: AMC

DATE: 10/20/2022

REVISIONS

#	DATE
1	--/--/----
#	--/--/----
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Project No. R22144

PRELIMINARY GRADING

C2.0

PROFESSIONAL ENGINEER REGISTERED 16369 10/20/22 STATE OF IDAHO ANTONIO M. CONTI