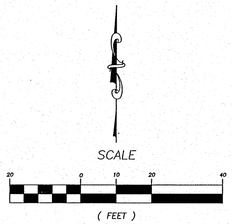

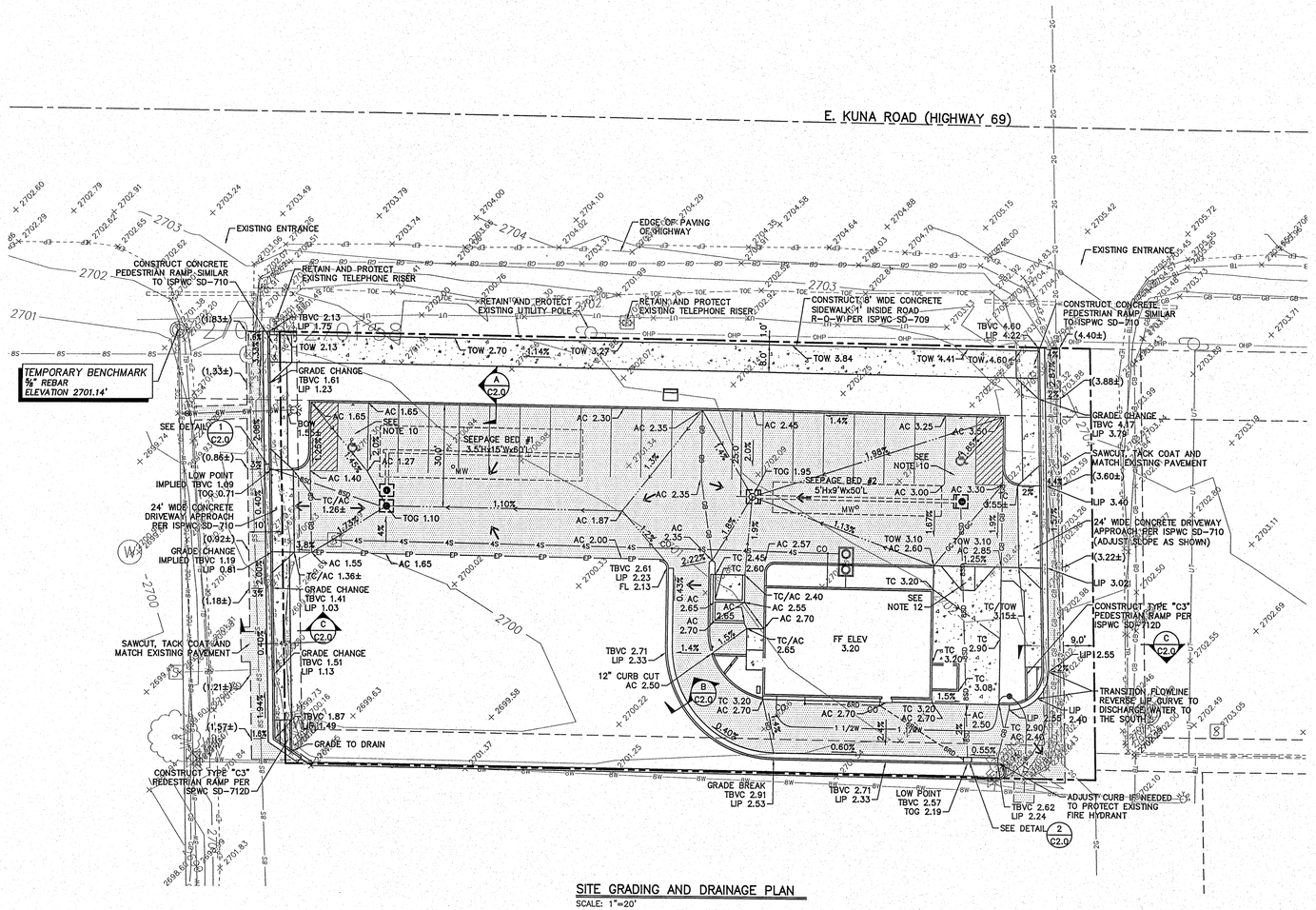

SITE GRADING AND DRAINAGE PLAN
SCALE: 1"=20'

GENERAL NOTES

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL COMPLY WITH IDAHO CODE CHAPTER 22, TITLE 55 REGARDING UNDERGROUND FACILITIES DAMAGE PREVENTION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. THEY AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OF THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. CALL DIGLINE, INC., 48 HOURS BEFORE COMMENCING ANY UNDERGROUND WORK, 342-1585.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2003 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORK CONSTRUCTION (ISPWC) AND THE ACHD SUPPLEMENTAL SPECIFICATIONS. NO EXCEPTIONS TO DISTRICT POLICY, STANDARDS AND THE ISPWC WILL BE ALLOWED UNLESS SPECIFICALLY AND PREVIOUSLY APPROVED IN WRITING BY ACHD.
3. CONTRACTOR SHALL REPAVE TO EXISTING GRADES ANY PAVED AREAS DISTURBED BY CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMPACTION TESTS FOR SUBGRADE AND PAVEMENT.
5. ALL NON-COMPACTABLE MATERIALS SHALL BE REMOVED PRIOR TO COMPACTION OF SUBGRADE.
6. CONTRACTOR SHALL OBTAIN ALL APPLICABLE CONSTRUCTION PERMITS.
7. CONSTRUCTION STAKING BY CONTRACTOR UNLESS CONTRACT DOCUMENTS DICTATE OTHERWISE.
8. SEE ARCHITECTURAL DRAWINGS FOR HORIZONTAL CONTROL NOT SHOWN ON THIS DRAWING.
9. TOPOGRAPHICAL MAPPING PROVIDED BY TREASURE VALLEY ENGINEERS, INC., DATED JUNE, 2004.
10. ADA ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION. CONTRACTOR SHALL FIELD VERIFY SLOPE PRIOR TO PLACING ASPHALT AND NOTIFY ENGINEER OF ANY DISCREPANCY.
11. ADA ACCESSIBLE SIDEWALKS SHALL NOT EXCEED 2% CROSS SLOPE OR 5% GRADE. CONTRACTOR SHALL FIELD VERIFY SLOPE PRIOR TO PLACING CONCRETE AND NOTIFY ENGINEER OF ANY DISCREPANCY.
12. ADA RAMPS SHALL NOT EXCEED 1:12 SLOPE. THE CONTRACTOR SHALL SIZE RAMPS TO MEET ADA STANDARDS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND DETAILS.
13. ROOF DRAINS SHOWN ARE TO BE DIRECTED UNDERGROUND TO SEEPAGE BED OR CATCH BASIN THROUGH 6" PVC PIPE, PROVIDE 24" MINIMUM COVER AND 2% MIN SLOPE.
14. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF THE TEMPORARY BENCHMARK AND PAVEMENT MATCH LOCATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
15. THE PROPOSED 4" SEWER SERVICE SHALL BE PVC PIPE @ A 2% MIN SLOPE.
16. ADD 2700 FT TO SITE ELEVATIONS WHERE REQUIRED TO OBTAIN TRUE ELEVATION.

SEEPAGE BED CONSTRUCTION NOTES

1. ANY CHANGES FROM THE PLANS SHALL BE APPROVED BY THE DESIGN ENGINEER AND THE CITY OF KUNA.
2. CONTRACTOR SHALL HAVE PLANS AT WORKSITE STAMPED "APPROVED FOR CONSTRUCTION" BY CITY OF KUNA.
3. IF GROUNDWATER IS ENCOUNTERED ABOVE THE ELEVATION SHOWN, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER AND THE CITY OF KUNA.
4. THE CONTRACTOR SHALL CONTACT THE CITY OF KUNA PUBLIC WORKS DEPARTMENT FOR INSPECTION OF ALL STORM WATER FACILITIES PRIOR TO THE PLACEMENT OF FILTER FABRIC. A MINIMUM 24 HOUR NOTICE REQUIRED. APPROVAL IS CONTINGENT UPON INSPECTION.
5. SEEPAGE BEDS ARE DESIGNED TO RETAIN THE 100-YR, 1-HR STORM WITH PERCOLATION CAPACITY FOR THE 100-YR, 1-HR STORM.

LEGEND

	PROPERTY LINE
	CENTERLINE
	RIGHT OF WAY
	EASEMENT
	PROPOSED SAWCUT LINE
GB GB GB GB	PROPOSED GRADE BREAK
GC GC GC GC	PROPOSED GRADE CHANGE
8SD 8SD 8SD	PROPOSED 8" STORM DRAIN
	PROPOSED FLOW LINE
4S 4S	PROPOSED 4" SEWER SERVICE
1 1/2W 1 1/2W	PROPOSED 1 1/2" WATER SERVICE
6RD 6RD 6RD	PROPOSED 6" ROOF DRAIN
4S 4S	EXISTING 4" SEWER SERVICE
8S 8S	EXISTING 8" SEWER MAIN
8W 8W 8W	EXISTING 8" WATER MAIN
EP EP EP	EXISTING EDGE OF PAVEMENT
UT UT	EXISTING UNDERGROUND TELEPHONE
OHP	EXISTING OVERHEAD POWER
TB TB TB	EXISTING TOP OF BANK
	EXISTING FLOW LINE
GB GB GB GB	EXISTING GRADE BREAK
TOE TOE TOE	EXISTING TOE OF SLOPE
X X X	EXISTING WIRE FENCE
2601	EXISTING 1' CONTOUR
	EXISTING DRAINAGE PIPE
	PROPOSED WATER METER
SSMH	EXISTING SEWER MANHOLE
S	EXISTING SEWER SERVICE MARKER
	EXISTING CLEANOUT
	EXISTING FIRE HYDRANT
W	EXISTING WATER WELL
W	EXISTING WATER METER
	EXISTING WATER VALVE
	EXISTING IRRIGATION BOX
	EXISTING UTILITY POLE
T	EXISTING TELEPHONE RISER
	EXISTING SIGN
	EXISTING DECIDUOUS TREE
	FOUND 5/8" REBAR
	FOUND 1/2" REBAR
CO	PROPOSED CLEAN-OUT
MW	PROPOSED MONITORING WELL
	PROPOSED SHEET FLOW
	PROPOSED STORM DRAIN INLET
	PROPOSED 350 GALLON SAND/OIL TRAP
	PROPOSED 1000 GALLON SAND/OIL TRAP
	PROPOSED ASPHALT
	PROPOSED CONCRETE
TC 3.50	TOP OF CONCRETE ELEVATION
AC 2.25	ASPHALT ELEVATION
(1.57±)	CALCULATED EXISTING ELEVATION
TBVC 2.62	TOP BACK CURB ELEVATION
LIP 2.32	LIP OF GUTTER ELEVATION
TOG 1.72	TOP OF GRATE ELEVATION
FL 3.32	FLOW OF GUTTER ELEVATION
TOW 1.32	TOP OF WALK ELEVATION

TREASURE VALLEY ENGINEERS
TREASURE VALLEY ENGINEERS, INC.
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mail@TreasureValleyEngineers.com
ENGINEERS • PLANNERS • SURVEYORS
VISIT OUR WEB SITE: www.TreasureValleyEngineers.com

REVISIONS:
0. FOR CONSTRUCTION

JGT ARCHITECTURE PA
ARCHITECTURE / PLANNING / DEVELOPMENT
1222 12TH AVENUE SOUTH NAMPA, IDAHO 83651
PHONE-(208) 463-9295 FAX - (208) 463-9299

BURGER DEN RESTAURANT
FOR
HB1, LLC
KUNA, IDAHO

REGISTERED PROFESSIONAL ENGINEER 10077 STATE OF IDAHO LANCE L. WHITLOCK

DESIGNED BY: LBW	
DRAWN BY: JTL	DATE: 08/17/04
CHECKED: JTW	JOB NO.: 1615-04

SITE GRADING AND DRAINAGE PLAN

C-1.0