

CURVE TABLE						
CURVE #	RADIUS	LENGTH	DELTA	TANGENT	CHORD BEARING	CHORD LENGTH
C1	259.91'	19.00'	04°11'16"	9.50'	S 36°43'10" E	18.99'

# LEGAL DESCRIPTION

All of Lot 1, Block 3, SMOKING OAKS SOUTH NO. 2, an addition to the City of Norman recorded in Book 12 of Plats, Page 51 and a part of the Northeast Quarter (NE/4) of Section Twelve (12), Township Eight (8) North, Range Three (3) West of the Indian Meridian, Norman, Cleveland County, Oklahoma, being more particularly described as follows:

BEGINNING at the most southerly southwest corner of said Lot 1;

THENCE South 51°11'12" West a distance of 88.84 feet;

THENCE North 49°46'39" West a distance of 219.44 feet;

THENCE North 44°19'59" West a distance of 33.07 feet;

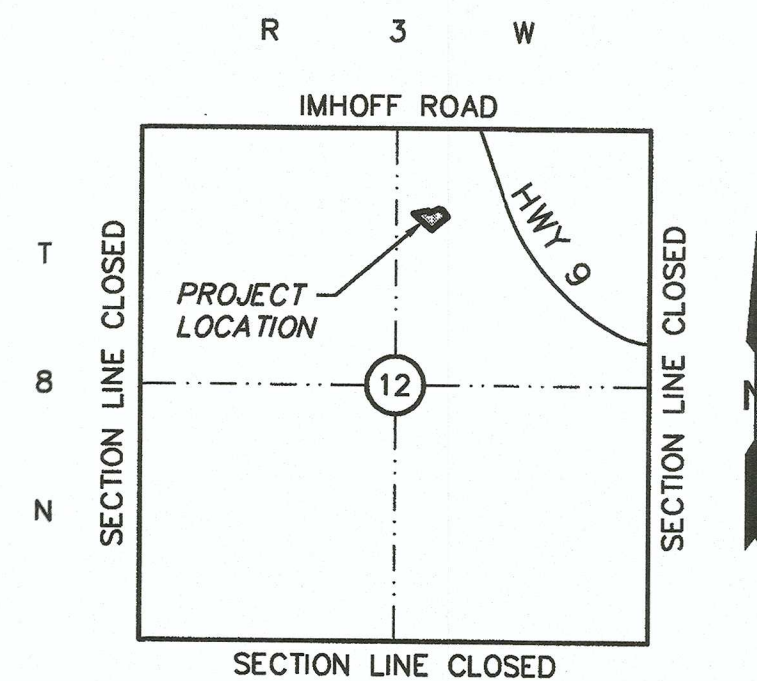
THENCE North 78°45'08" East a distance of 150.91 feet to a point on the westerly right of way line of Echo Trail as established by the plat of aforesaid SMOKING OAKS SOUTH NO. 2;

THENCE South 38°48'48" East (South 36°48'48" East-Record) along said westerly right of way line a distance of 25.91 feet to the northwest corner of said Lot 1, Block 3 and a point on the southerly right of way line of Echo Trail;

THENCE along the northern, easterly and southerly lines of said Lot 1, Block 3, the southerly right of way line of Echo Trail and the westerly right of way line of Meadow Avenue the following five (5) courses;

1. North 66°24'13" East a distance of 108.39 feet;
2. South 72°44'39" East a distance of 37.81 feet to a point on a curve;
3. Southerly along a non-tangent curve to the left having a radius of 259.91 feet (said curve subtended by a chord which bears South 36°43'10" East a distance of 18.99 feet) and an arc length of 19.00 feet;
4. South 38°48'48" East a distance of 73.82 feet;
5. South 51°11'12" West a distance of 125.00 feet to the POINT OF BEGINNING.

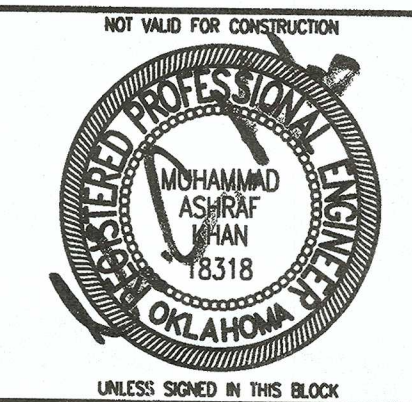
Said described tract of land contains an area of 40,020 square feet or 0.9188 acres, more or less.



VICINITY MAP  
NOT TO SCALE

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OWNER / DEVELOPER:  
DIRK O'HARA  
1128 RAMBLING OAKS DRIVE  
NORMAN, OK 73072



BELOW GROUND CONCRETE SWIMMING POOL AND SIDEWALK

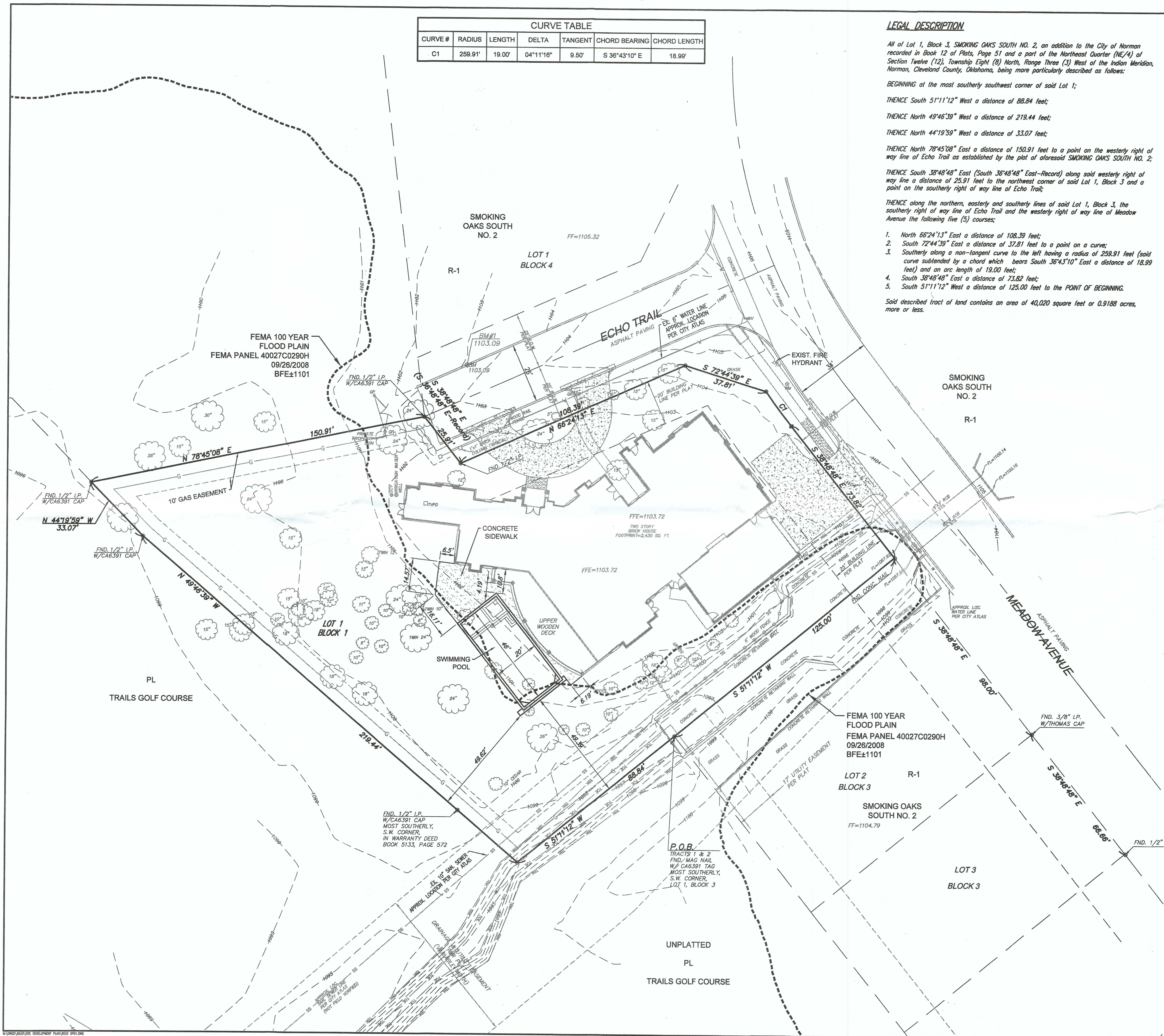
1700 ECHO TRAIL  
NORMAN, OKLAHOMA

SMC Consulting Engineers, P.C.  
813 West Main - Oklahoma City, OK 73106  
Ph: 405-232-7715 Fax: 405-232-7859  
Website: www.smcinc.com  
Oklahoma Certificate of Authorization No. 441 EEP 8/20/2023

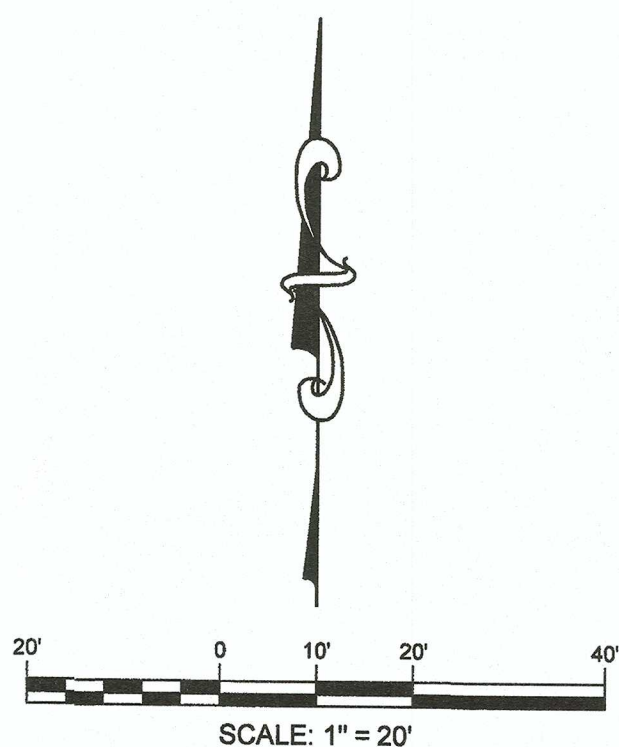
PROJECT NO.: 6533.00  
DATE: 03/28/2023  
SCALE: 1"=20'  
DRAWN BY: TN  
ENGINEER: MUHAMMAD A. KHAN  
P.E. NUMBER: 18318

SITE PLAN

SHEET NO.  
C1



SITE DATA	
SITE AREA	40,020 S.F.
	0.9188 AC.
ZONING	R-1
USAGE	RESIDENTIAL







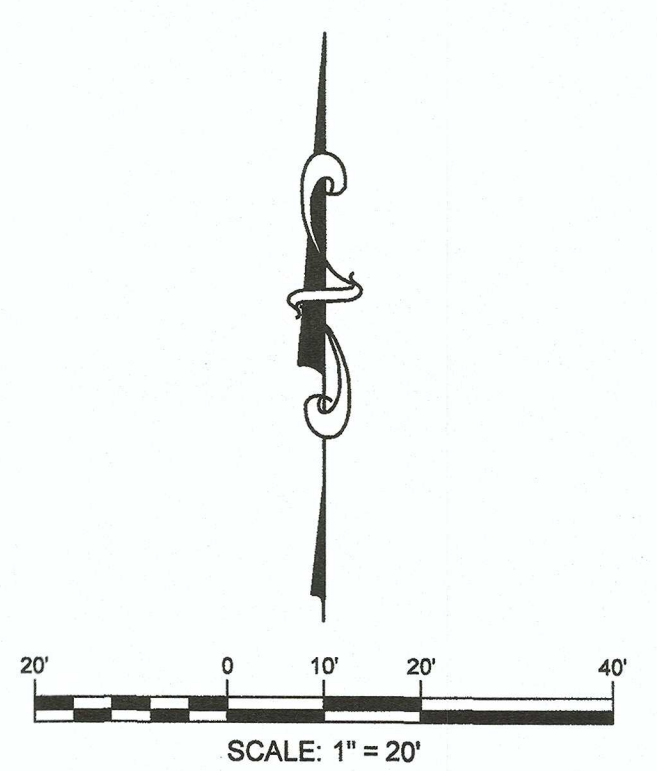
**TOPO LEGEND**

TW - TOP WALL	SPOT ELEVATION
TC - TOP CURB	ELEVATION
TS - TOP SIDEWALK	
G - GUTTER	
TP - TOP PAVEMENT	
TG - TOP GRATE	
FF - FINISH FLOOR	
EL - ELEVATION	
EP - EDGE OF PAVEMENT	
EG - EDGE OF GRAVEL	
EX TC - EX. TOP CURB	
EX G - EX. GUTTER	

— ELEV. —	PROPOSED CONTOUR
— ELEV. —	EXISTING CONTOUR
— HP —	FLOW ARROW
E	HIGH POINT
OHE	UNDERGROUND ELECTRIC
T	OVERHEAD ELECTRIC
CATV	UNDERGROUND TELEPHONE
G	CABLE TV
W	UNDERGROUND GAS
F	DOMESTIC WATER
IR	FIRE LINE
STS	IRRIGATION LINE
RD	STORM SEWER
SS	ROOF DRAIN
	SANITARY SEWER

- NOTES:**
- REFER TO GEOTECHNICAL INVESTIGATION SUMMARY BY COMPANY NAME (COMPANY NAME JOB/PROJECT NO. ####) DATED MONTH XX, 2011 FOR SPECIFIC RECOMMENDATIONS FOR SITE PREPARATION, EXCAVATION, BUILDING FOUNDATION, AND PAVEMENTS.
  - GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN. ABRUPT CHANGES IN SLOPES SHALL BE WELL ROUNDED. THE CONTRACTOR IS RESPONSIBLE FOR POSITIVE SITE DRAINAGE.
  - ADA ROUTES ARE NOT TO EXCEED 1:20 RUNNING SLOPE AND 2% CROSS SLOPE. HCAP ACCESS AISLES NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.
  - ALL NATURAL GROUND SLOPES SHALL NOT EXCEED 4:1 WHERE NOT IN AN EASEMENT AND SHALL NOT EXCEED 6:1 IN AN EASEMENT. ALL PAVING SLOPES SHALL NOT EXCEED 8%.
  - CONTRACTOR IS RESPONSIBLE TO MEET AND MATCH NEW PAVEMENT WITH EXISTING ADJACENT PAVEMENT AREAS. THE TRANSITION BETWEEN THIS SITE AND ADJACENT SITES MUST BE SMOOTH AND MONOLITHIC.
  - ALL GRADING MUST MEET & MATCH EXISTING GRADES ON ALL SIDES.
  - ISLANDS TO BE FILLED WITH DIRT SUITABLE FOR VEGETATION.
  - THE CONTRACTOR WILL INSURE THAT NO PONDING WILL OCCUR AT LANDSCAPE ISLANDS. ALL SURFACE WATER MUST DRAIN AROUND THE ISLAND WITH A POSITIVE SLOPE. NO WATER SHALL BE TRAPPED.
  - CONTRACTOR SHALL MEET AND MATCH TOP OF JUNCTION BOXES/MANHOLES OR CLEAN OUTS WITH FINISHED GRADES.
  - CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOUR BEFORE ANY EXCAVATION TO REQUEST EXACT LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
  - CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS FOR THE EXACT LOCATIONS AND DIMENSIONS OF ENTRY, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS AND DOWNSPOUTS.
  - REMAINDER OF SITE SHALL BE GRADED TO ASSURE DRAINAGE OF SURFACE WATER FROM BUILDING.
  - ALL SITE EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED EXCAVATION.
  - REMOVE EXCESS SOILS, IF ANY, FROM THE SITE AND LEGALLY DISPOSE OF.
  - GENERAL CONTRACTOR TO PROVIDE A UNIT PRICE FOR REMOVAL AND REPLACEMENT OF SOILS ON THIS SITE SHOULD REMOVAL BE REQUIRED.
  - COLD WEATHER PROCEDURE MUST BE CONSIDERED WHEN COMPACTION IS TAKING PLACE.
  - EXISTING GRADES SHOWN ON THESE PLANS ARE FROM THE DAY THE TOPOGRAPHIC SURVEY WAS SURVEYED AND MAY NOT REFLECT EXISTING GRADES AT THE DATE OF CONSTRUCTION. SMC CONSULTING ENGINEERS, P.C. CANNOT GUARANTEE THAT FILL OR CUT HAS NOT OCCURED AFTER THE DATE OF THE SURVEY.
  - CONTRACTOR SHALL ESTABLISH EROSION CONTROL MEASURES AT PERIMETER OF STOCKPILE AREA BEFORE EXPORT/IMPORT OF THE DIRT. AS A MINIMUM CONTRACTOR SHALL FOLLOW GUIDELINES PROVIDED IN STORMWATER POLLUTION PREVENTION PLAN AS SHOWN IN EROSION CONTROL PLAN FOR THE PROJECT.



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NOT VALID FOR CONSTRUCTION

**SMC CONSULTING ENGINEERS, P.C.**  
Muhammad A. Khan  
18318

**BELOW GROUND CONCRETE SWIMMING POOL AND SIDEWALK**

**1700 ECHO TRAIL**  
NORMAN, OKLAHOMA

PROJECT NO.: 6533.00  
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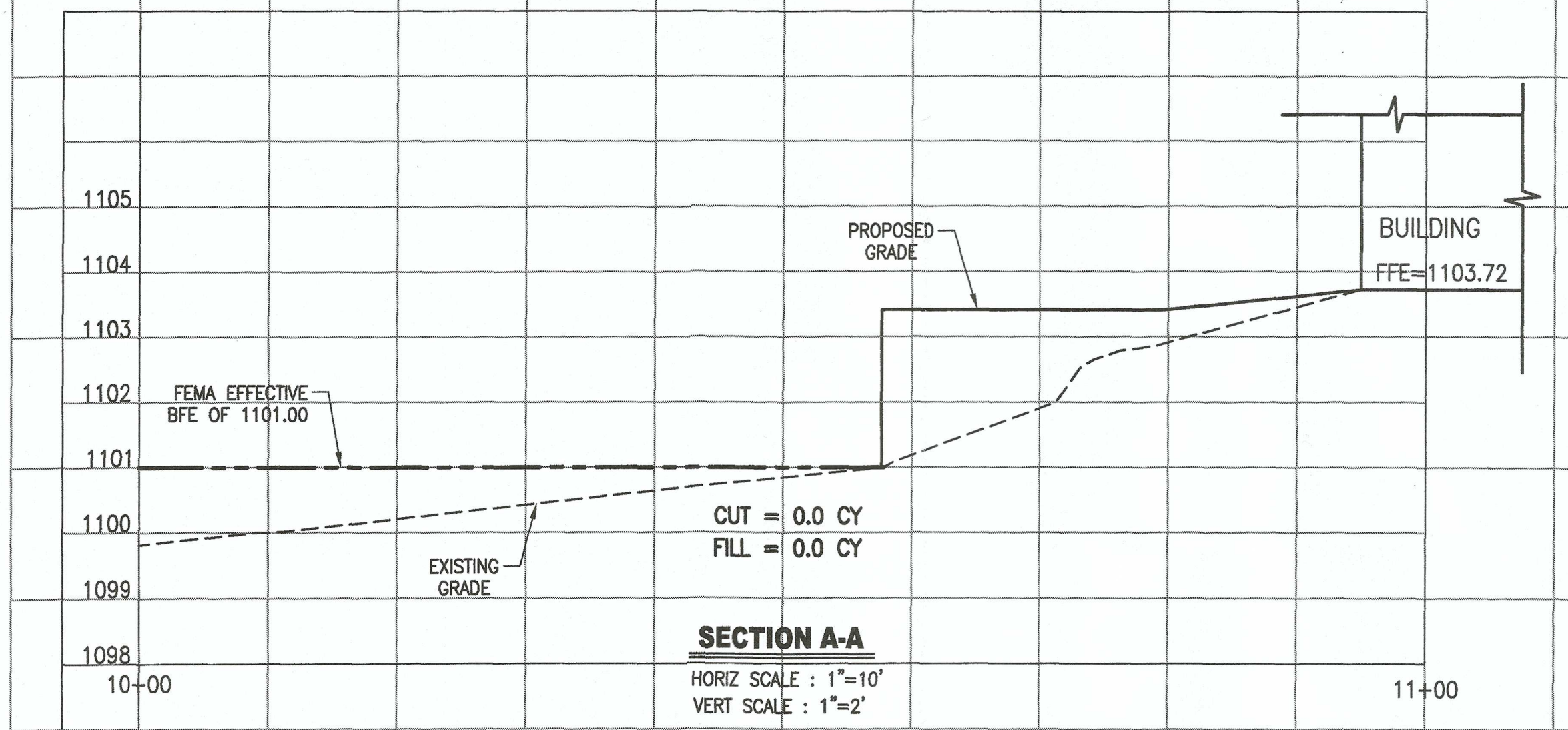
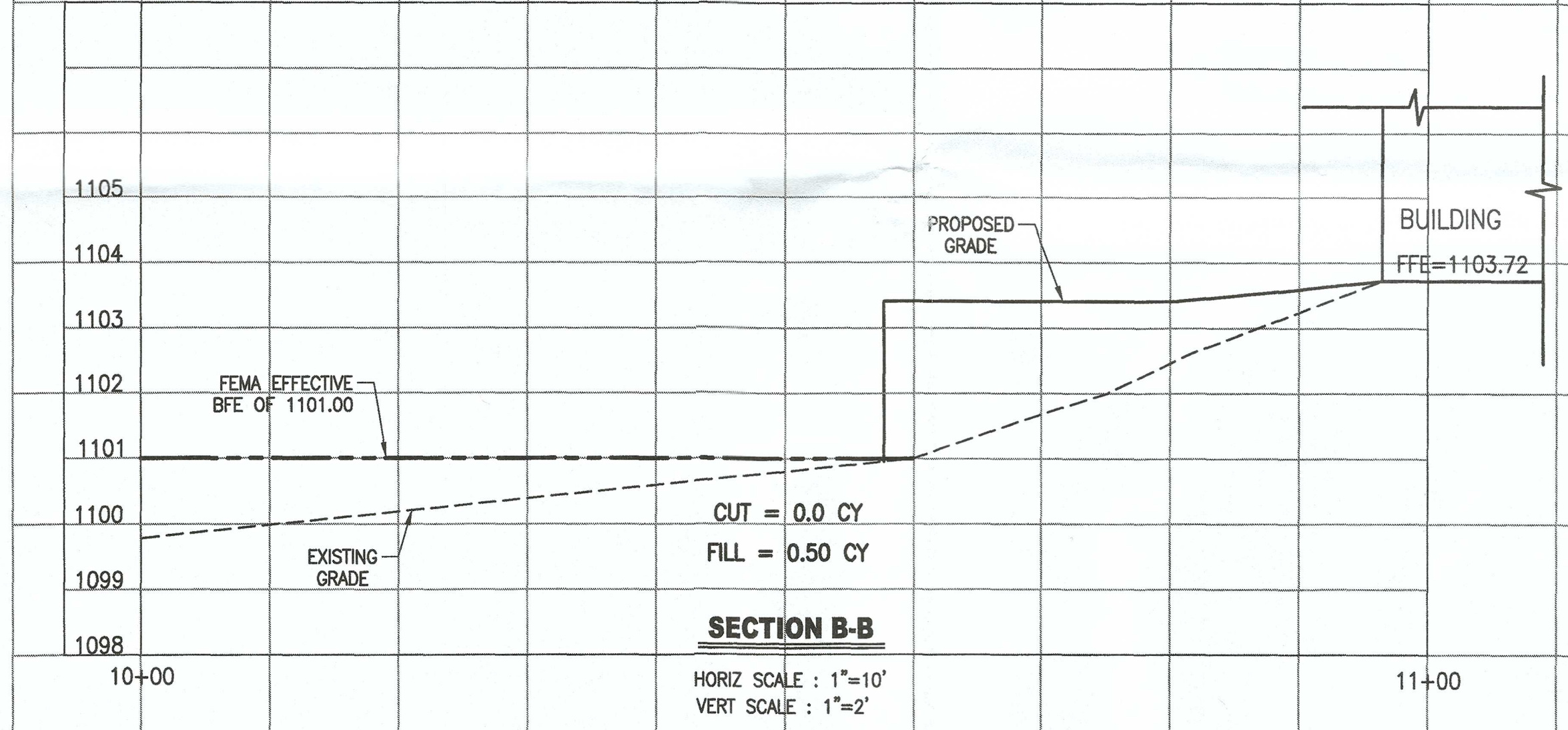
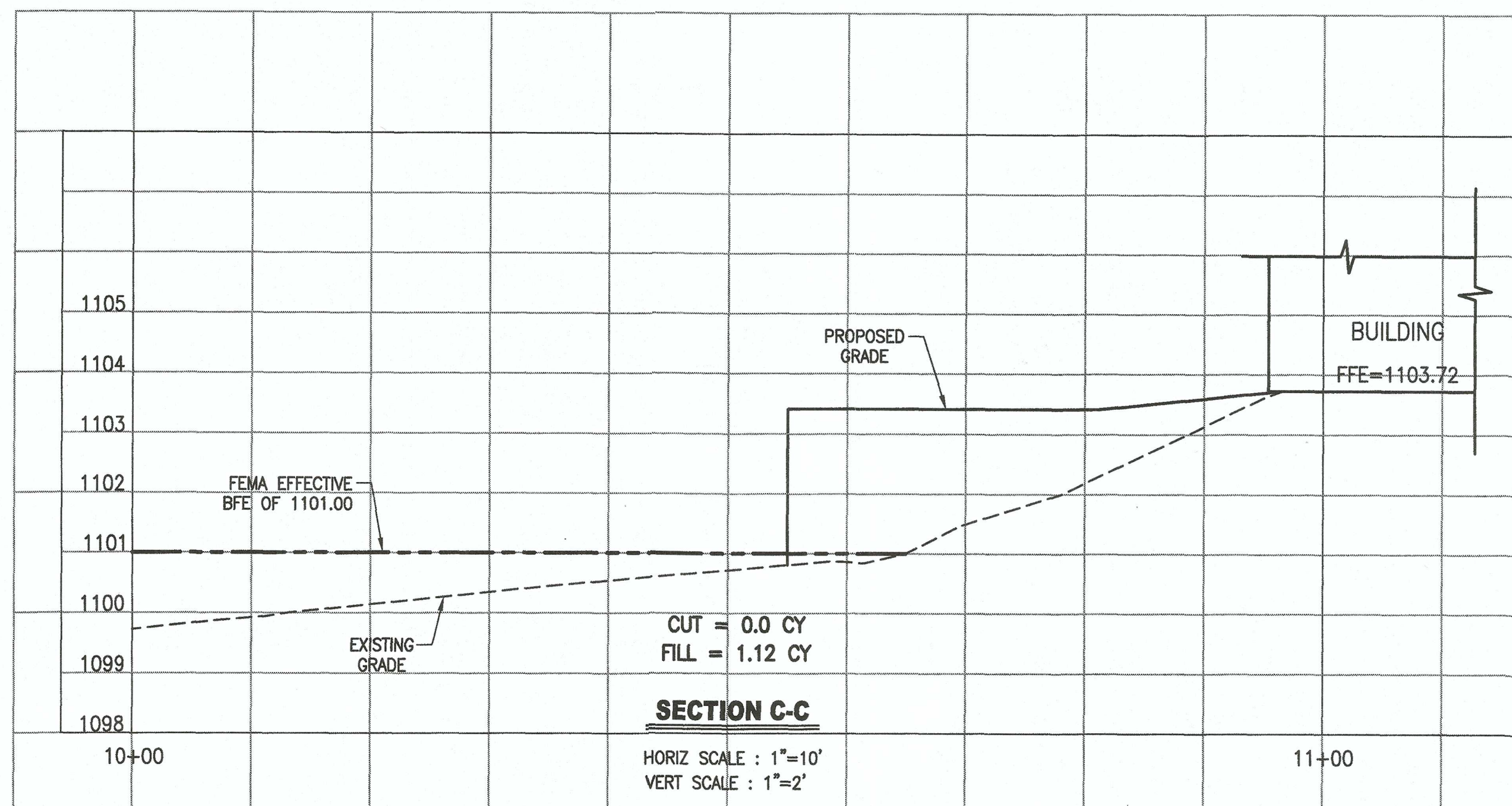
**TOPO DATA**

SHEET NO.  
**C2**









**CUT / FILL SUMMARY**  
 TOTAL CUT = 2.70 CY.  
 TOTAL FILL = 1.71 CY.

