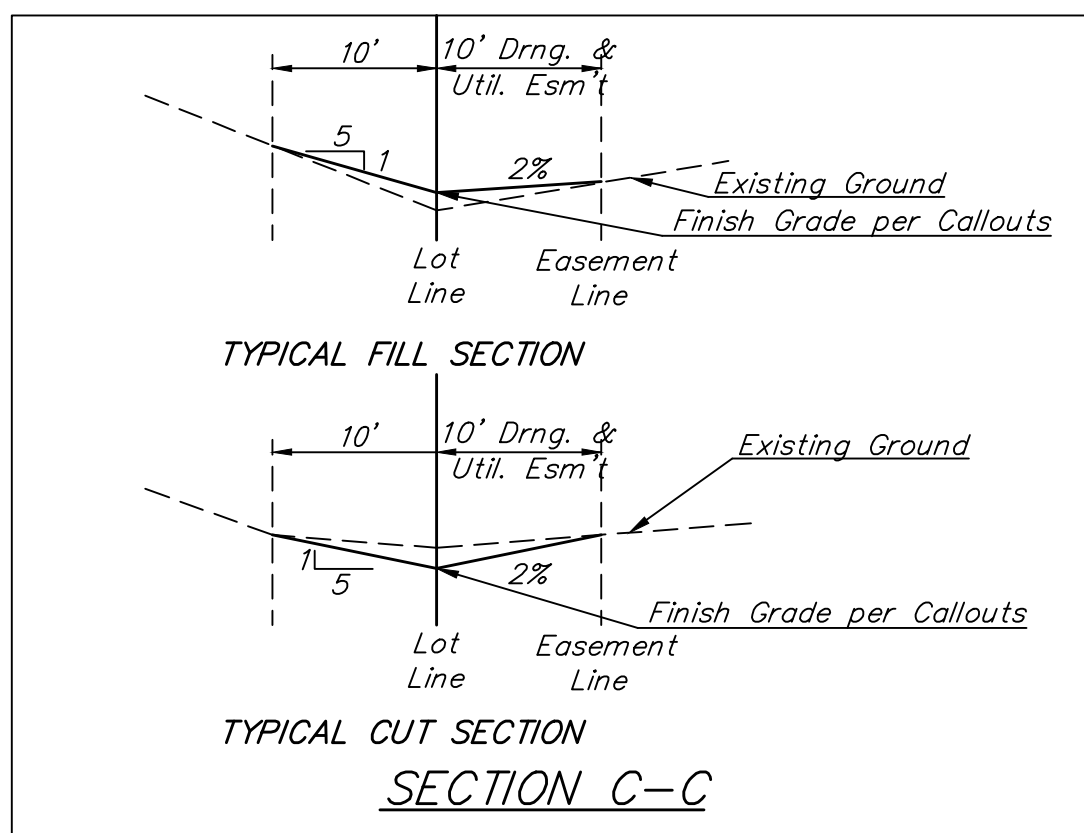
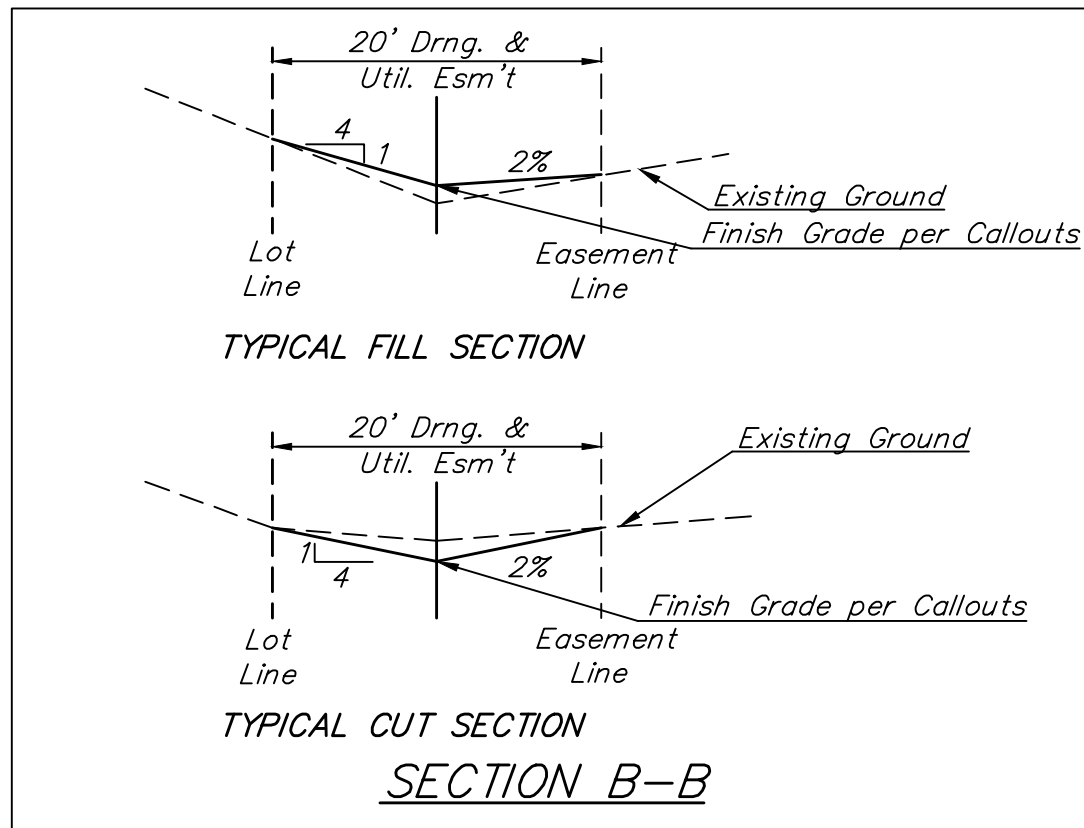


**BENCHMARKS:**  
 CHISELED "□", TOP OF CURB INLET, NW COR.  
 OF CURB INLET, 77.8' W. & 16.1' N. OF NW  
 COR., E1/2, NW1/4, SEC. 34, TWP. 27-S,  
 R-2-E.  
 ELEV. = 1332.09 NAVD88

CHISELED "□", TOP OF CURB INLET, NW COR.  
 OF CURB INLET, 272.1' E. & 16.1' N. OF NW  
 COR., E1/2, NW1/4, SEC. 34, TWP. 27-S,  
 R-2-E.  
 ELEV. = 1329.53 NAVD88

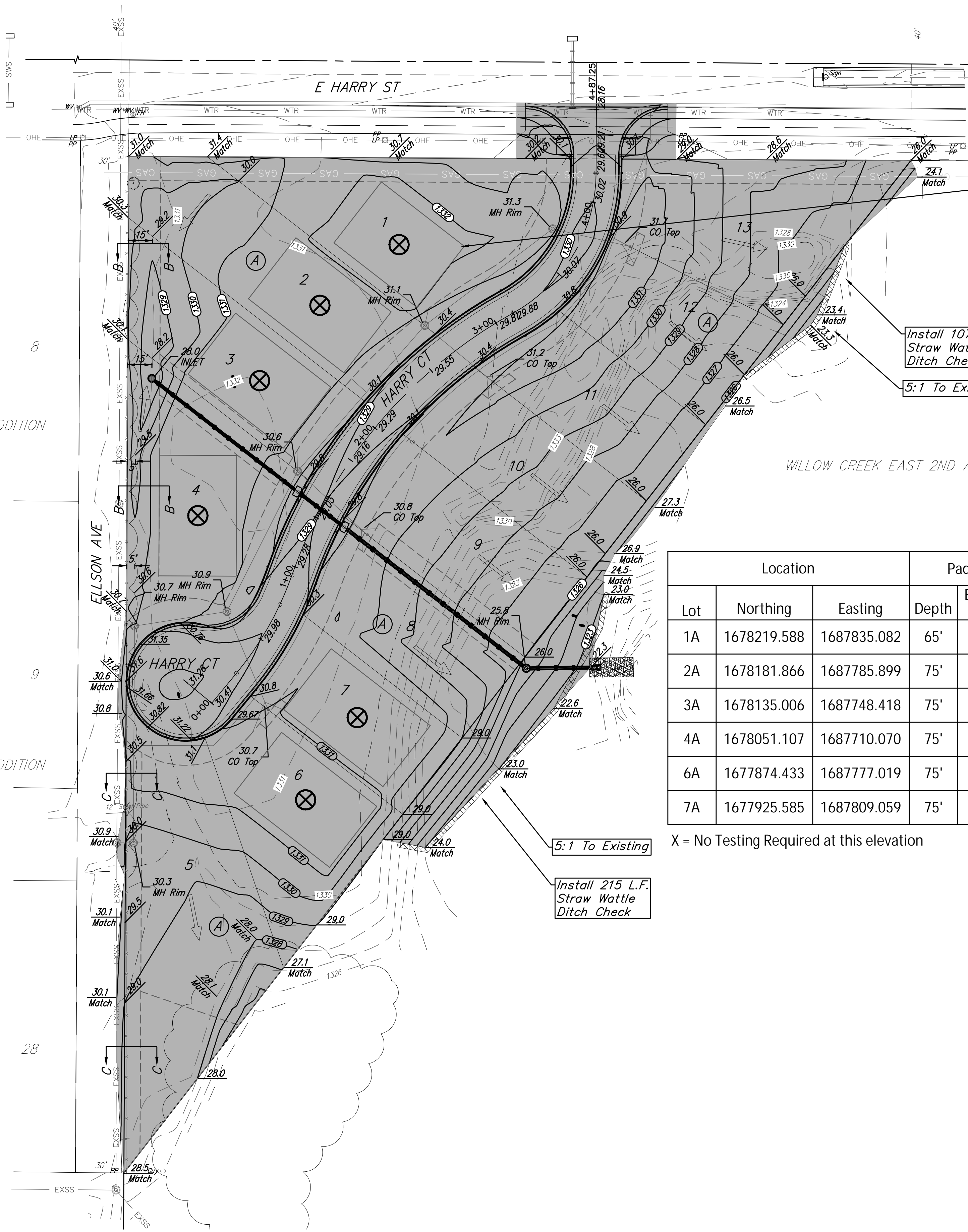
WILLOW CREEK EAST 4TH ADDITION



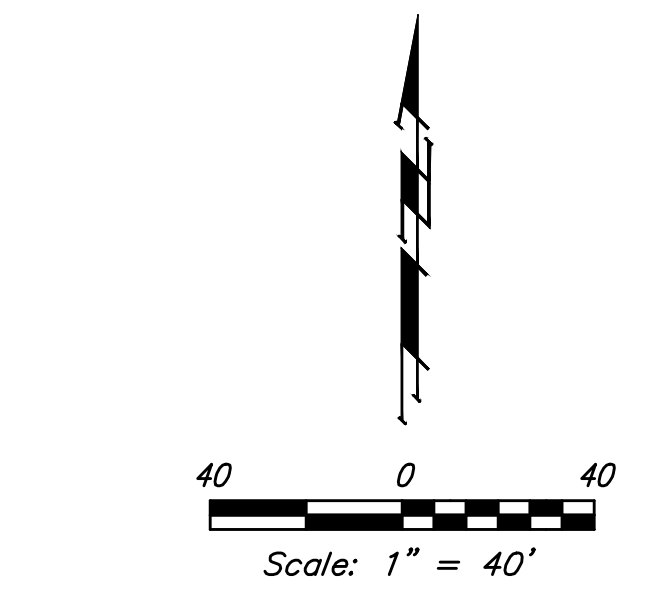
SLOAN'S ADDITION

SLOAN'S ADDITION

- Mass Grading General Notes:**
- Excess material shall remain on-site and be spread or stockpiled on undeveloped areas of site to be determined by the Engineer. Earthwork quantities are unadjusted and are for reference only. All cost associated with excavation, fill, & compaction shall be incidental to lump sum bid item "Grading, Mass". Contractor Borrow for LVC material for building pads is expected to be approximately 783 CY and shall be included in the C.Y. bid item, "Excavation, Borrow (LVC)".
  - Contractor to strip top 4-6" of soil within street right-of-way & building pad areas before mass grading and stockpile. Existing dirt piles shall be removed and replaced with compaction and moisture conditioning. Topsoil & dirt piles are to be spread outside of building pads and proposed pavement prior to seeding. See Section 5.2.1 of the Geotechnical Report for information on stripping topsoil, scarifying, moisture conditioning, compacting, proof rolling, and repair of soft spots in the existing soil.
  - Compaction of 95% Standard Proctor Density shall be obtained in all areas. Fill shall be placed within 0% to +4% of optimum moisture content of the soil at the time of placement. All testing shall be incidental to Lump Sum bid item "Testing".
  - It shall be the Contractor's responsibility to protect existing utilities during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.
  - All areas disturbed during construction shall be seeded, mulched, and fertilized as per Cover Sheet General Notes.
  - Street elevations are top of dirt (bottom of rock) at centerline.
  - Grade points around cul-de-sacs are located at 1' behind back of proposed curb.



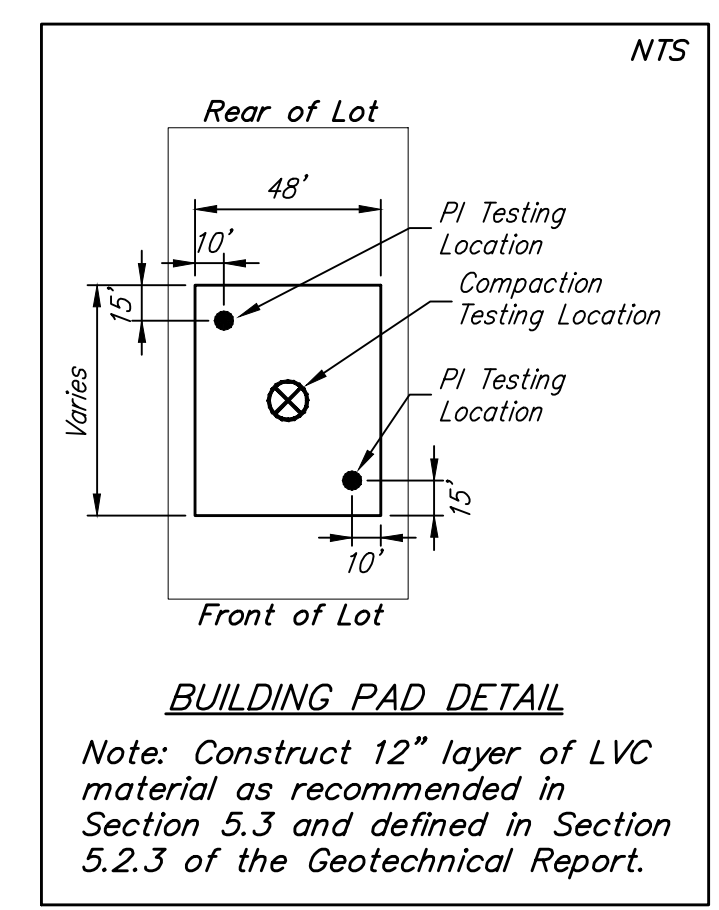
Construct 65' X 48' Building Pad on Lot 1 and 75' X 48' Building Pad on Lots 2-4, 6-7 as shown with a 12" layer of LVC material as recommended in Section 5.3 and defined in Section 5.2.3 of the Geotechnical Report (See detail, this sheet).



- Area to be graded
- Proposed Grade
- Existing Grade
- 50.0 Proposed Grades
- X - Compaction Testin Location

Location	Pad Information		Compaction % and Test Elevation														
	Lot	Northing	Easting	Depth	Ex. Elev. -0.5'	Pro. Elev.	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333
1A	1678219.588	1687835.082	65'	1330.0	1332.83	X	X	X	X	X	X	X					
2A	1678181.866	1687785.899	75'	1330.5	1331.83	X	X	X	X	X	X	X					X
3A	1678135.006	1687748.418	75'	1331.0	1331.33	X	X	X	X	X	X	X	X				X
4A	1678051.107	1687710.070	75'	1330.8	1331.83	X	X	X	X	X	X	X					X
6A	1677874.433	1687777.019	75'	1329.0	1331.33	X	X	X	X	X	X						X
7A	1677925.585	1687809.059	75'	1323.0	1330.83											X	X

X = No Testing Required at this elevation



**Willow Creek East 4th Addition**

**MASS GRADING**

Street/SWS Improvements

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-2020-085611	DESIGN AEG	DRAWN HJW
REVISIONS:	APPROVED	DATE 10/05/20
	SCALE Noted	SHEET <b>10 OF 25</b>

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