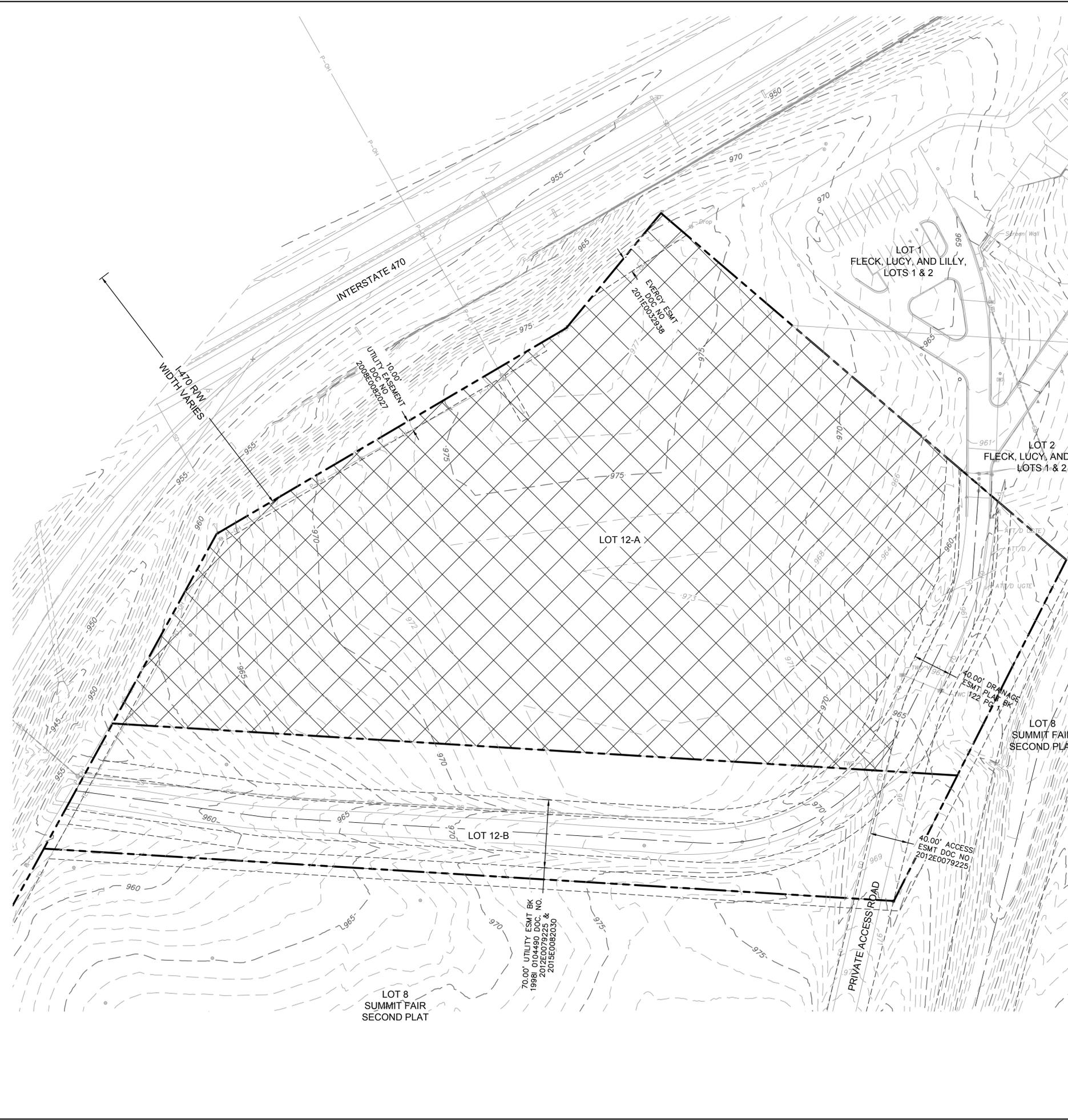






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 USER: msoelbert



**LEGEND**

- PROPERTY LINE
- LOT LINE
- EXISTING EASEMENT
- EXISTING CONTOUR
- TREE CLEARING & GRUBBING



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 TEL 913.381.1170 www.ollson.com

BY \_\_\_\_\_

REV. NO.	DATE	REVISIONS DESCRIPTION

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EXISTING CONDITIONS & CLEARING PLAN  
 LAND DISTURBANCE PLANS  
 CHURCH AT WARD ROAD, LLC.  
 1251 NW WARD ROAD  
 LEE'S SUMMIT, MISSOURI

2022

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drawn by: HO  
 checked by: MO  
 approved by: BL  
 QA/QC by: MAP  
 project no.: 021-05070  
 drawing no.: C\_EXC01\_02105070  
 date: 01.31.22

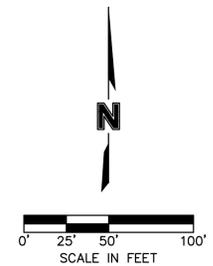
**SHEET**  
LD2.0

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**LEGEND**

	PROPERTY LINE
	LOT LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR



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STATE OF MISSOURI  
 PROFESSIONAL ENGINEER  
 NUMBER PS-2012026379  
 EXPIRES 1-31-22

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

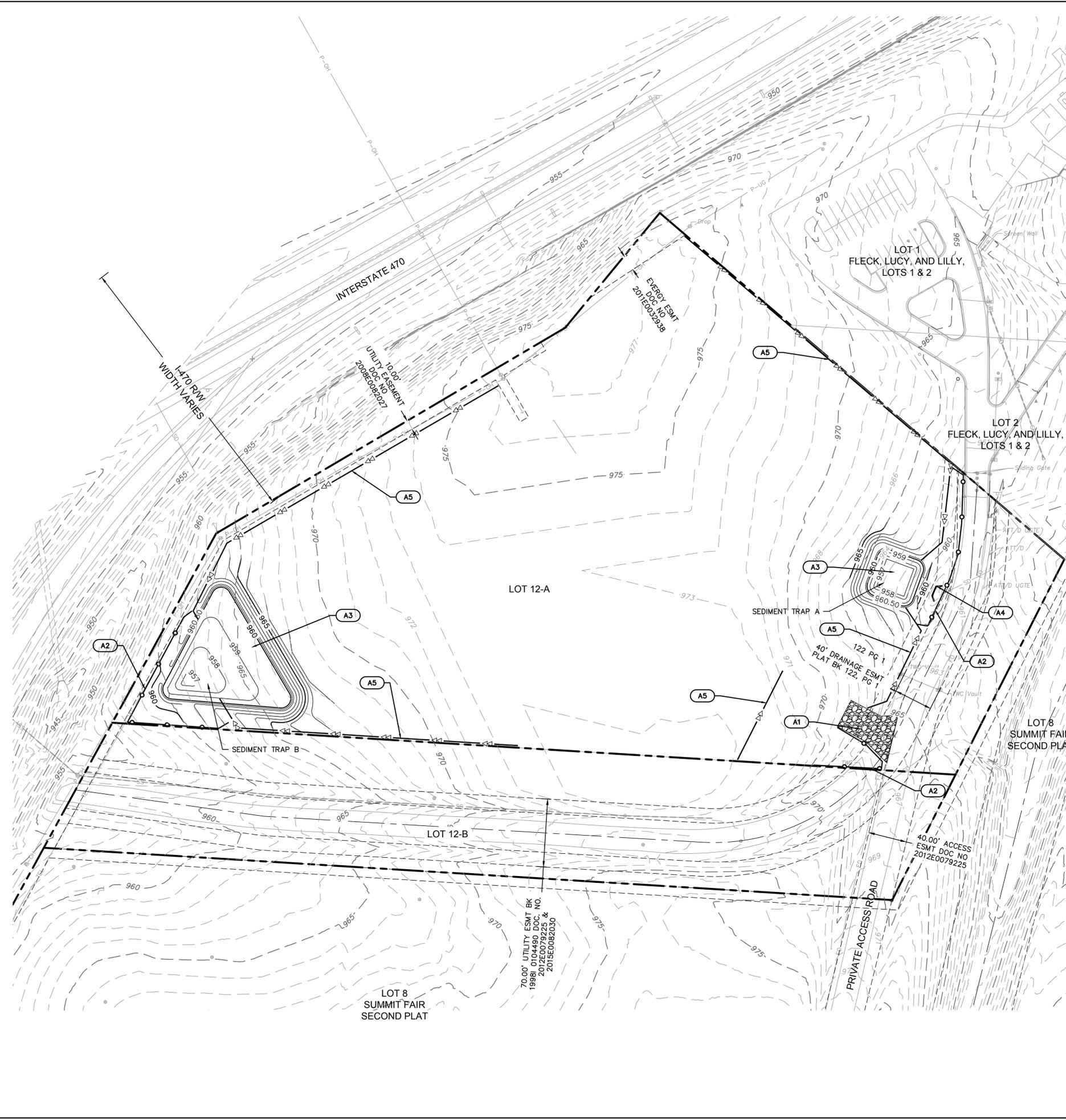
OVERALL GRADING PLAN  
 LAND DISTURBANCE PLANS  
 CHURCH AT WARD ROAD, LLC.  
 1251 NW WARD ROAD  
 LEE'S SUMMIT, MISSOURI

2022

drawn by: HO	checked by: MO	approved by: BL
QA/QC by: MAP	project no.: 021-05070	drawing no.: C_GRD01_02105070
date: 01.31.22		

**SHEET LD3.0**

DWG: F:\2021\05001-05070\01-05070\40-Design\AutoCAD\Final Plans\Sheets\NCV\Mass Grading\C\_ER001\_02105070.dwg USER: msolson  
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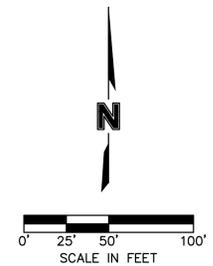


**LEGEND**

	PROPERTY LINE
	LOT LINE
	PROPOSED CONTOUR
	EXISTING CONTOUR
	LIMITS OF DISTURBANCE (7.50+/- ACRES)
	SILT FENCE
	TEMPORARY CONSTRUCTION ENTRANCE
	EROSION CONTROL REFERENCE NUMBER

**EROSION CONTROL STAGING CHART**

PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRE DISTURBANCE	A1	CONSTRUCTION ENTRANCE	C	INSTALL AS INDICATED ON PLANS (IF SITE DISRUPTION LASTS LONGER THAN 14 DAYS)
	A2	SILT FENCE	C	INSTALL AS INDICATED ON PLANS
	A3	SEDIMENT TRAP	N/A	SEE DETAILS ON SHEETS 8 & 9
	A4	COMPOST FILTER BERM	C	INSTALL AS INDICATED ON PLANS
	A5	DIVERSION BERM	C	INSTALL AS INDICATED ON PLANS
B - MASS GRADING	B1	EROSION CONTROL MAT	N/A	INSTALL AS INDICATED ON PLANS
C - FINAL STABILIZATION	C1	REPLACE TOP SOIL, SEED MULCH	N/A	ESTABLISH PERENNIAL VEGETATION WITH A 70% DENSITY OVER 100% OF DISTURBED AREA.



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REV. NO.	DATE	REVISIONS DESCRIPTION

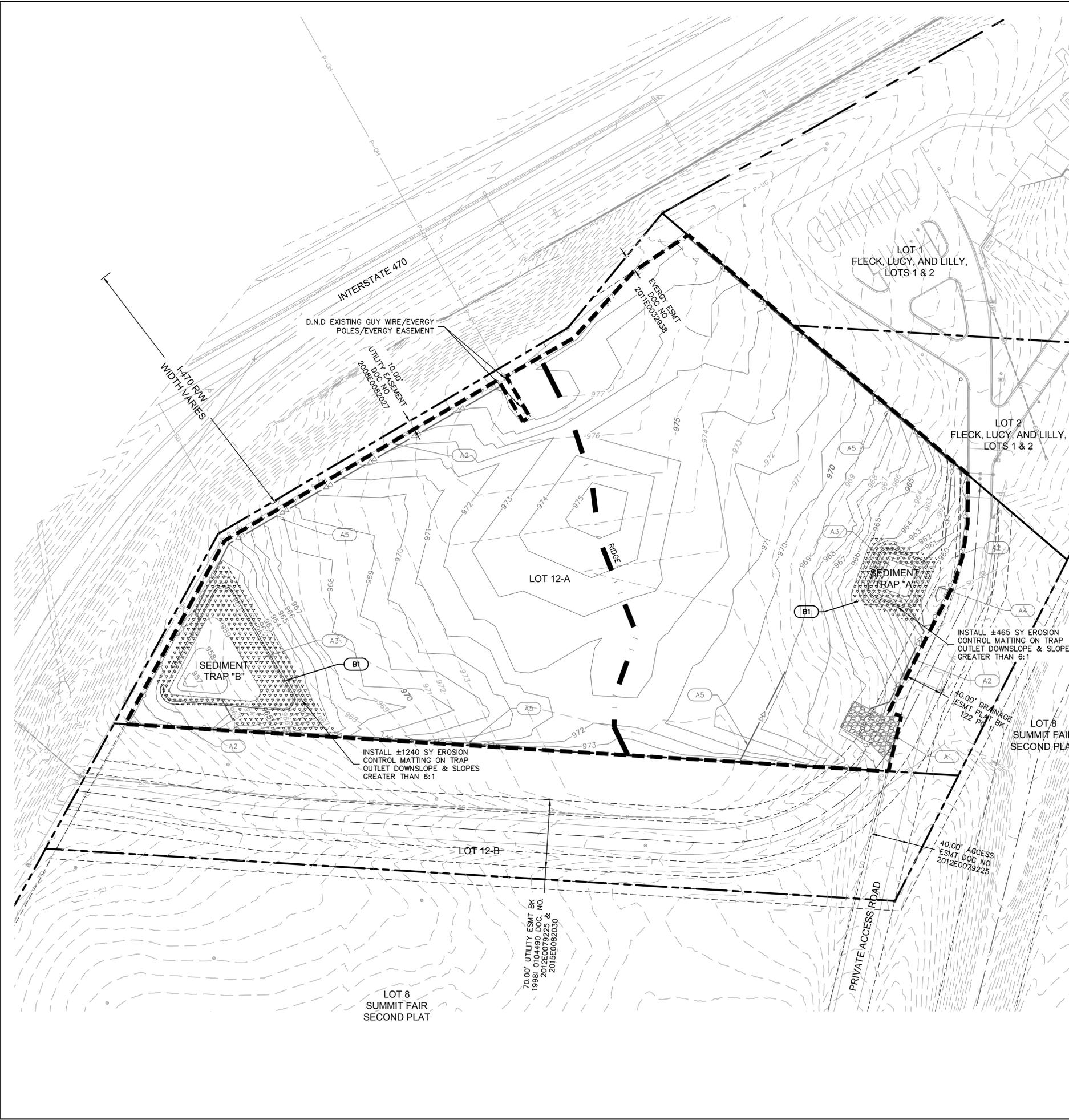
EROSION CONTROL PLAN - PRE DISTURBANCE  
 LAND DISTURBANCE PLANS  
 CHURCH AT WARD ROAD, LLC.  
 1251 NW WARD ROAD  
 LEE'S SUMMIT, MISSOURI

2022

drawn by: HO	checked by: MO
approved by: BL	QA/QC by: MAP
project no.: 021-05070	drawing no.: C_ER001_02105070
date: 01.31.22	

**SHEET LD4.0**

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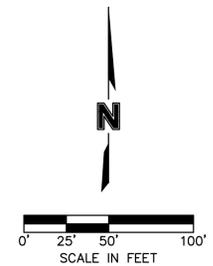


**LEGEND**

	PROPERTY LINE
	LOT LINE
	PROPOSED CONTOUR
	EXISTING CONTOUR
	LIMITS OF DISTURBANCE (7.50+/- ACRES)
	SILT FENCE
	TEMPORARY CONSTRUCTION ENTRANCE
	EROSION CONTROL REFERENCE NUMBER

**EROSION CONTROL STAGING CHART**

PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRE DISTURBANCE	A1	CONSTRUCTION ENTRANCE	C	INSTALL AS INDICATED ON PLANS (IF SITE DISRUPTION LASTS LONGER THAN 14 DAYS)
	A2	SLOPE PROTECTION (SILT FENCE)	C	INSTALL AS INDICATED ON PLANS
	A3	SEDIMENT TRAP	C	SEE DETAIL ON SHEET 9
	A4	COMPOST FILTER BERM	C	INSTALL AS INDICATED ON PLANS
	A5	DIVERSION BERM	C	INSTALL AS INDICATED ON PLANS
B - MASS GRADING	B1	EROSION CONTROL MAT	N/A	INSTALL AS INDICATED ON PLANS
C - FINAL STABILIZATION	C1	SEED & STABILIZATION	N/A	ESTABLISH PERENNIAL VEGETATION WITH A 70% DENSITY OVER 100% OF DISTURBED AREA.



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BY \_\_\_\_\_

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION

2022

EROSION CONTROL PLAN - MASS GRADING  
 LAND DISTURBANCE PLANS  
 CHURCH AT WARD ROAD, LLC.  
 1251 NW WARD ROAD  
 LEE'S SUMMIT, MISSOURI

drawn by: HO  
 checked by: MO  
 approved by: BL  
 QA/QC by: MAP  
 project no.: 021-05070  
 drawing no.: C\_ERO02\_02105070  
 date: 01.31.22

**SHEET**  
LD4.1

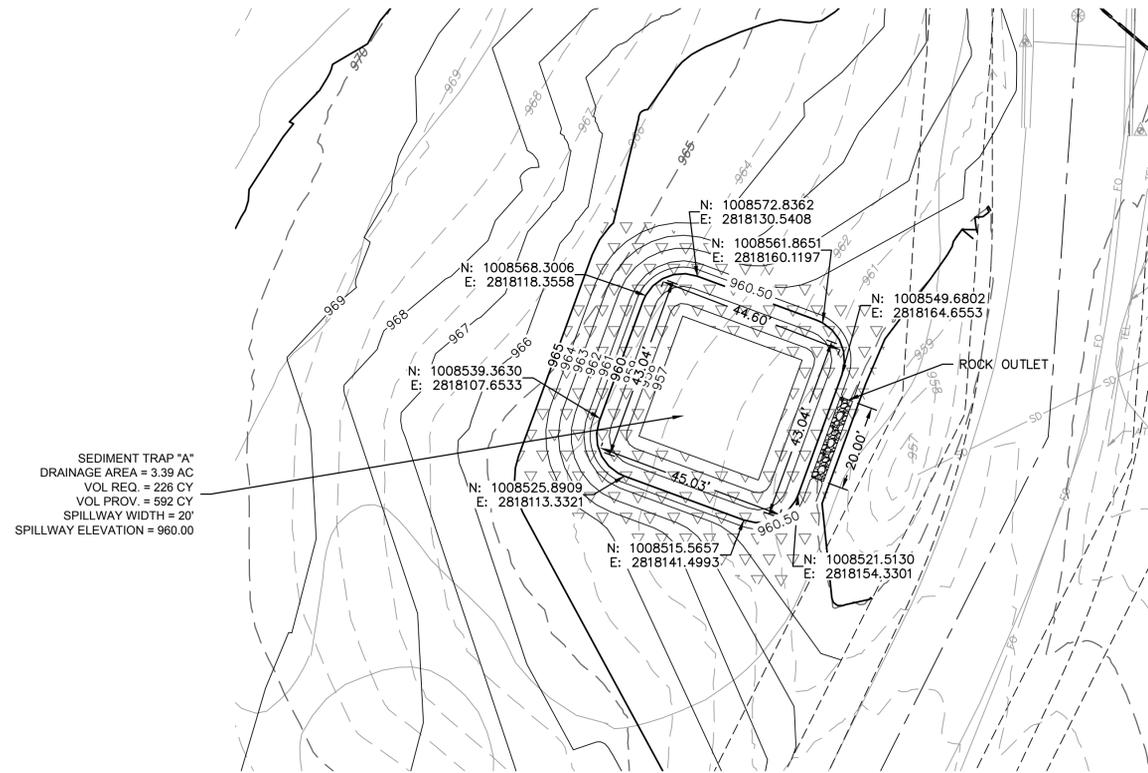


### SEDIMENT TRAP DESIGN DATA

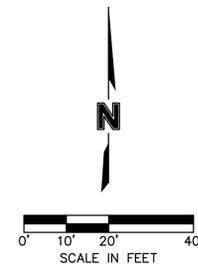
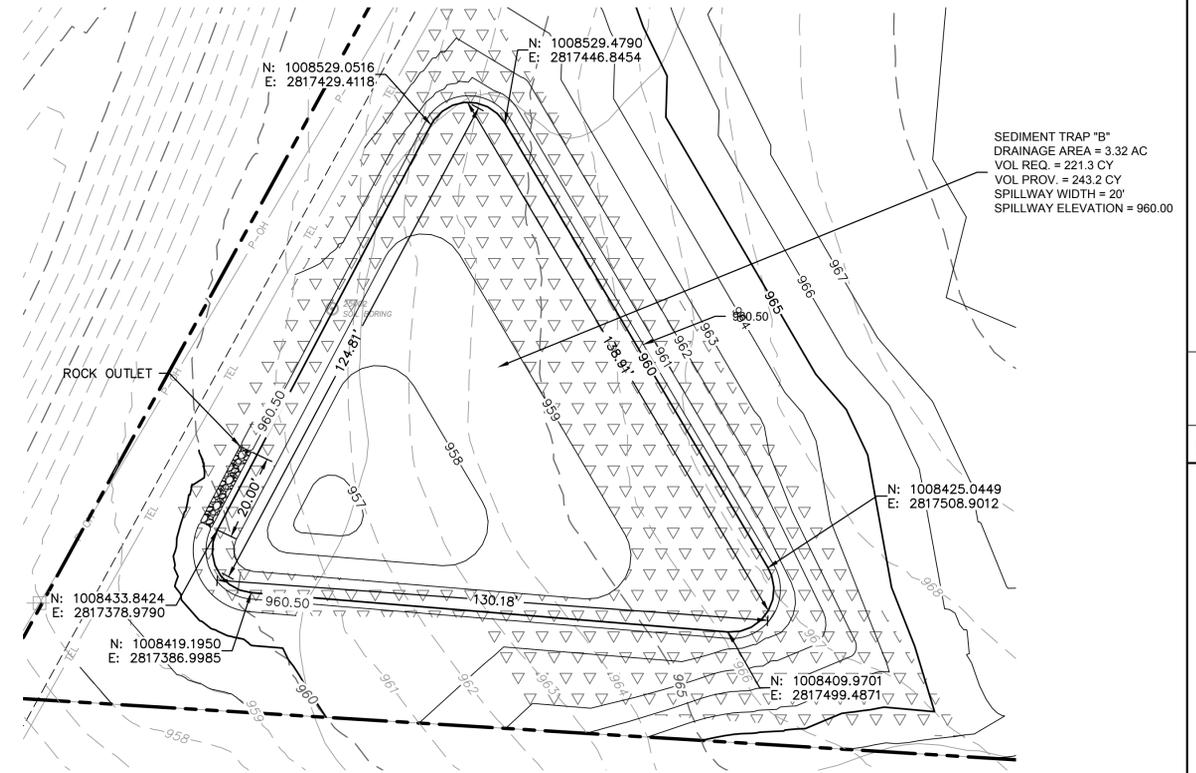
TITLE: CHURCH AT WARD ROAD, LLC  
JOB #: 021-05070

Design Item:	Trap #A	Trap #B	Units	Notes:
<i>Pond Data</i>				
Drainage Area	3.32	3.39	acres	
Required Volume (1800 cf/acre)	221.3	226.0	cy	
Provided Volume	243.2	592.0	cy	
Excavated Volume	858.0	2250.0	cy	
Sediment Cleanout Volume	48.6	118.4	cy	20% OF PROVIDED VOLUME
Sediment Cleanout Elevation	958.4	959.0		

SEDIMENT TRAP "A" DETAIL



SEDIMENT TRAP "B" DETAIL



DWG: F:\2021\05070\021-05070\021-05070\021-05070.dwg USER: msolson  
 DATE: Jan 31, 2022 3:38pm XREFS: C:\BASE\02105070 V\JOB\02105070 C:\PSUR\02105070

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 DATE: Jan 31, 2022 3:38pm

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SHEET  
LD4.3

SEDIMENT TRAP DETAILS  
LAND DISTURBANCE PLANS  
CHURCH AT WARD ROAD, LLC.  
1251 NW WARD ROAD  
LEE'S SUMMIT, MISSOURI

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION

drawn by: HO  
 checked by: MO  
 approved by: BL  
 QA/QC by: MAP  
 project no.: 021-05070  
 drawing no.: C\_DRN01\_02105070  
 date: 01.31.22

2022



