



SR# VT 6345

3410 U.S. ROUTE 4 MENDON, VERMONT 05701



LOCATION MAP
NOT TO SCALE

SITE INFORMATION:

- 1. SITE ADDRESS: 3410 U.S. ROUTE 4
MENDON, VT 05701
- 2. LATITUDE: 43°-38'-38.03"
LONGITUDE: 72°-55'-06.29"
- 3. GROUND ELEVATION: 1,758± AMSL.
- 4. TAX MAP NUMBER: 06-02-11.006
- 5. ZONING DISTRICT: WHEELERVILLE & RIDGELINE OVERLAY
- 6. PARCEL AREA: 190.36 ACRES
- 7. PARCEL OWNER: CV MENDON, LLC
3570 LAKE DUNMORE ROAD
BRANDON, VT 05733
- 8. STRUCTURE TYPE: MONOPOLE
- 9. STRUCTURE HEIGHT: 140' A.G.L.

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"X34". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE THE STATE OF VERMONT LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

PROJECT TEAM:

- 1. APPLICANT: NEW CINGULAR WIRELESS, PCS D/B/A AT&T
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701
- 2. PROJECT MANAGEMENT FIRM: CENTERLINE COMMUNICATIONS
750 WEST CENTER ST, SUITE 301
WEST BRIDGEWATER, MA 02379
(508) 386-0863
- 3. ENGINEERING FIRM: DUBOIS & KING, INC.
6 GREEN TREE DRIVE
SOUTH BURLINGTON, VT 05403
(802) 878-7661

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- | | |
|--|--|
| 1. 2015 INTERNATIONAL BUILDING CODE | 8. ANSI/TIA-222-G |
| 2. 2017 NATIONAL ELECTRICAL CODE | 9. TIA 607 |
| 3. NFPA 1 FIRE CODE, 2015 EDITION | 10. INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81 |
| 4. NFPA 101 LIFE SAFETY CODE, 2015 EDITION | 11. IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION |
| 5. AMERICAN CONCRETE INSTITUTE | 12. TELECORDIA GR-1275 |
| 6. AMERICAN INSTITUTE OF STEEL CONSTRUCTION | 13. ANSI/T 311 |
| 7. MANUAL OF STEEL CONSTRUCTION 13TH EDITION | |

DRAWING INDEX:

T-1 - TITLE SHEET

- C-1 - ORTHOPHOTO- VICINITY PLAN
- C-3 - ABUTTER PLAN
- C-4 - KEY PLAN
- C-5 - PLAN & PROFILE
- C-6 - PLAN & PROFILE
- C-7 - PLAN & PROFILE
- C-8 - PLAN & PROFILE
- C-9 - PLAN & PROFILE
- C-10 - PLAN & PROFILE
- C-11 - PLAN & PROFILE
- C-12 - PLAN & PROFILE
- C-13 - PLAN & PROFILE
- C-14 - PLAN & PROFILE
- C-15 - DETAIL SITE PLAN
- C-16 - TOWER ELEVATIONS
- C-17 - CIVIL DETAILS
- C-18 - CIVIL DETAILS
- C-19 - ANTENNA DETAILS
- C-20 - EPSC LOW RISK HANDBOOK
- C-21 - EPSC LOW RISK HANDBOOK

APPROVAL BLOCK:

		APPROVED	APPROVED AS NOTED	DISAPPROVED/REVISE
PROPERTY OWNER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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NO.	DATE	ISSUED FOR PERMITTING	DESCRIPTION
2	10-28-19	JMP	REVISED MONOPOLE HEIGHT TO 140' A.G.L.
1	09-04-19	LJH	ISSUED FOR PERMITTING
		JMP	
		LJH	
		CK'D	



SR# VT 6345

MENDON

3410 U.S. ROUTE 4
MENDON, VT
05701

SHEET TITLE

TITLE SHEET

PERMIT PLANS

DRAWN BY	DATE
JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

T-1



LOCATION MAP
NOT TO SCALE

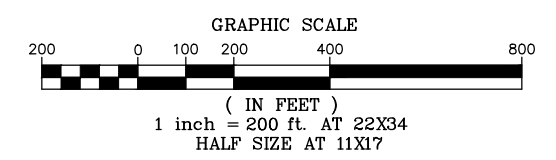
NOTES:

- PROPERTY OWNER: CV MENDON, LLC
3570 LAKE DUNMORE ROAD
BRANDON, VT 05733
- APPLICANT: NEW CINGULAR WIRELESS PCS, LLC
D/B/A AT&T MOBILITY
C/O WILLIAM DODGE, COURTHOUSE PLAZA
199 MAIN STREET
BURLINGTON, VT 05402-0190 802-863-2375
- ENGINEER: DUBOIS & KING, INC., 6 GREEN TREE DRIVE
SOUTH BURLINGTON, VT 05403 802-878-7661
- ADD PROPOSED USE: AT&T MOBILITY: UNATTENDED TELECOMMUNICATIONS FACILITY. (1-2) VISITS PER MONTH BY TECHNICIAN. NO WATER OR SEWER SERVICES REQUIRED.
- PROPERTY BOUNDARIES SHOWN ARE APPROXIMATE AS PROVIDED BY TOWN OF MENDON TAX MAPS. DUBOIS & KING, INC. DID NOT PERFORM A BOUNDARY SURVEY.
- TOPOGRAPHIC SURVEY PERFORMED BY DUBOIS & KING, INC. ON AUGUST 15, 2019.
- THE PROJECT WILL COMPLY WITH THE LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION.

LEGEND

- --- APPROXIMATE PROPERTY LINE
- SF — EROSION CONTROL SILT FENCE
- — CONSTRUCTION FENCE
- UET — UNDERGROUND ELEC & TEL LINE
- X — X — CHAIN LINK FENCE
- ⊙ EXISTING OVERHEAD UTILITY POLE
- - - 502 - - - EXISTING 2' CONTOUR LINE
- - - 500 - - - EXISTING 10' CONTOUR LINE
- ⊘ STONEWALL
- ⌋ EXISTING TREE LINE
- ⌋ PROPOSED TREE LINE
- - - ZONING BOUNDARIES

POSTED SPEED LIMIT =	50 M.P.H.
AREA OF CLEARING =	50,780 S.F.
AREA OF TEMP DISTURBANCE =	71,077 S.F.
AREA OF DISTURBANCE =	26,779 S.F.
NON-JURISDICTIONAL IMPERVIOUS AREA=	54,400 S.F.
EXISTING JURISDICTIONAL IMPERVIOUS =	0 S.F.
PROPOSED JURISDICTIONAL IMPERVIOUS =	26,779 S.F.



NO.	DATE	DESCRIPTION	BY	CK'D
2	10-28-19	REVISED MONOPOLE HEIGHT TO 140' A.G.L.	JWP	LJH
1	09-04-19	ISSUED FOR PERMITTING	JWP	LJH



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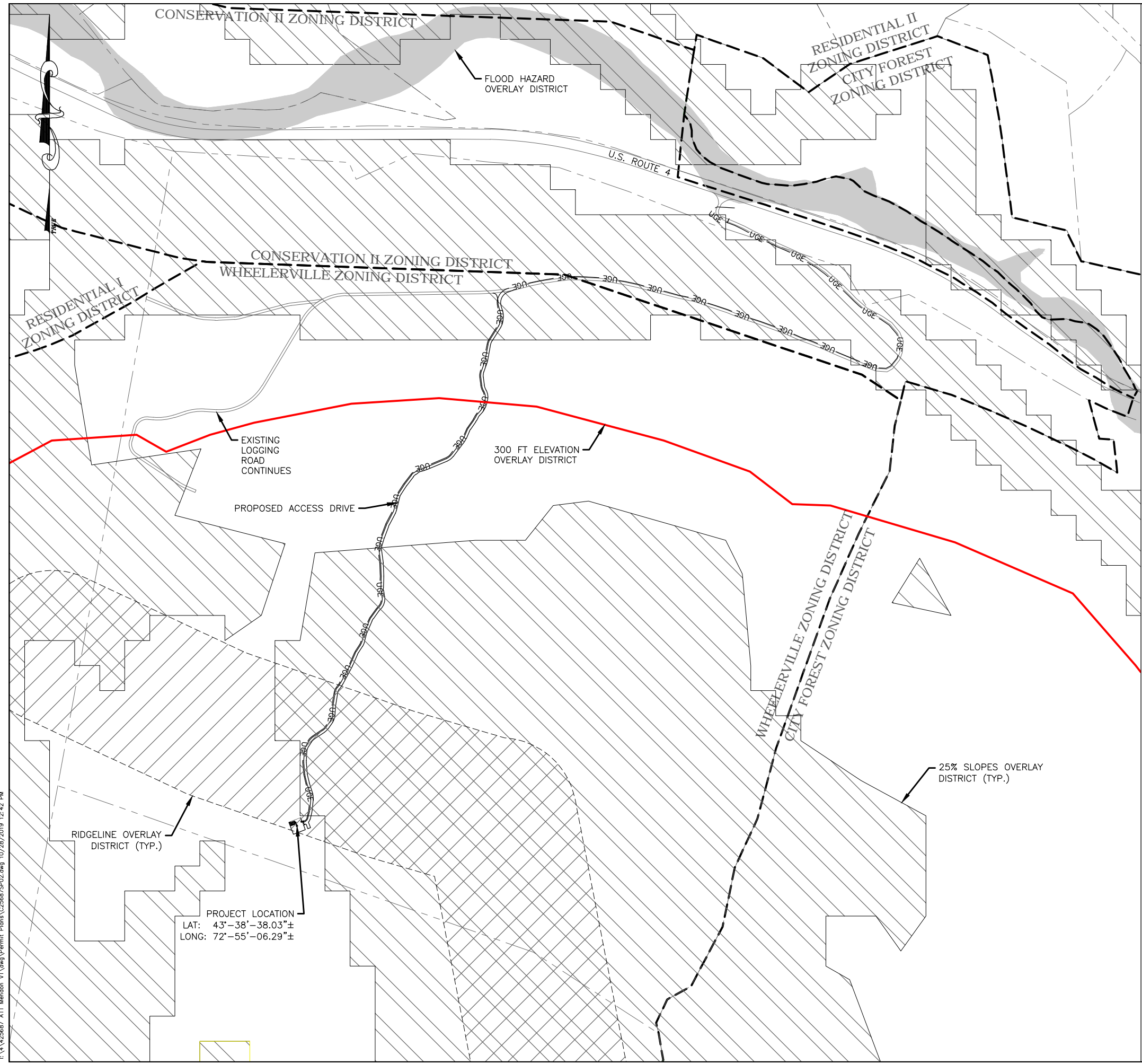
ORTHOPHOTO-
VICINITY PLAN

PERMIT PLANS

DRAWN BY	DATE
JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

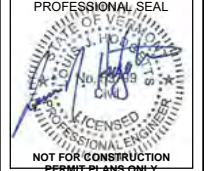
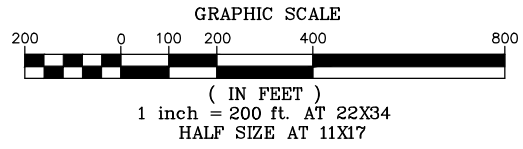
C-1



PROJECT LOCATION
 LAT: 43°-38'-38.03"±
 LONG: 72°-55'-06.29"±

LEGEND

- APPROXIMATE EXISTING PROPERTY LINE PER TOWN OF MENDON TAX MAPS
- - - ZONING DISTRICT BOUNDARY
- 300 FT ELEVATION OVERLAY DISTRICT
- 25% SLOPES OVERLAY DISTRICT
- RIDGELINE OVERLAY DISTRICT
- FLOOD HAZARD OVERLAY DISTRICT



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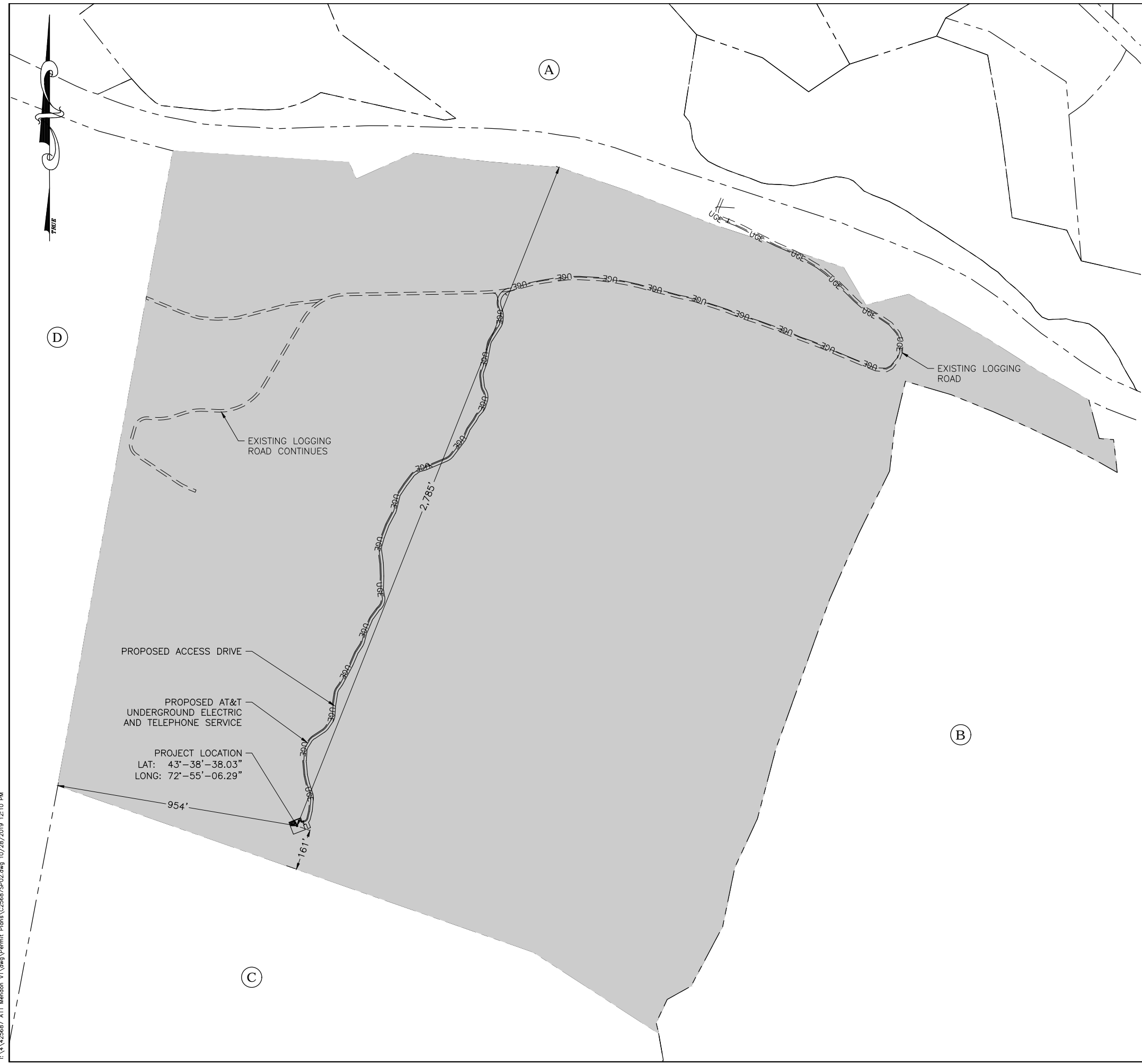
ZONING PLAN

PERMIT PLANS

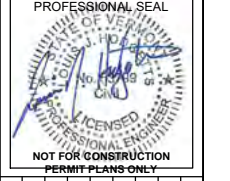
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JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

C-2



- ABUTTER LIST:**
- A. PARCEL #: 44-12
CHARLES ASADOORIAN
23 CROSS STREET
METHUEN, MA 01844
 - B. PARCEL #: 44-11
ALICE SCIORE
P.O. BOX 301
KILLINGTON, VT 05751
 - C. PARCEL #: 44-10
ALICE SCIORE
P.O. BOX 301
KILLINGTON, VT 05751
 - D. PARCEL #: 44-09
WILLIAM & CORAL ELLES
P.O. BOX 61
KILLINGTON, VT 05751



NO.	DATE	ISSUED FOR PERMITTING	DESCRIPTION	BY	CK'D
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SHEET TITLE

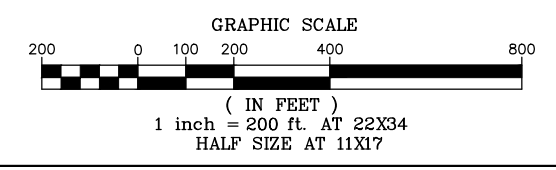
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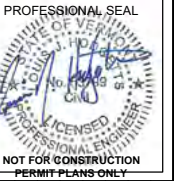
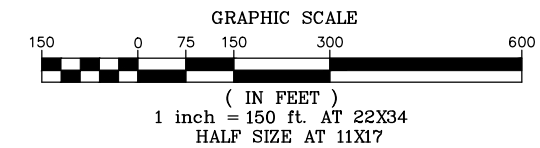
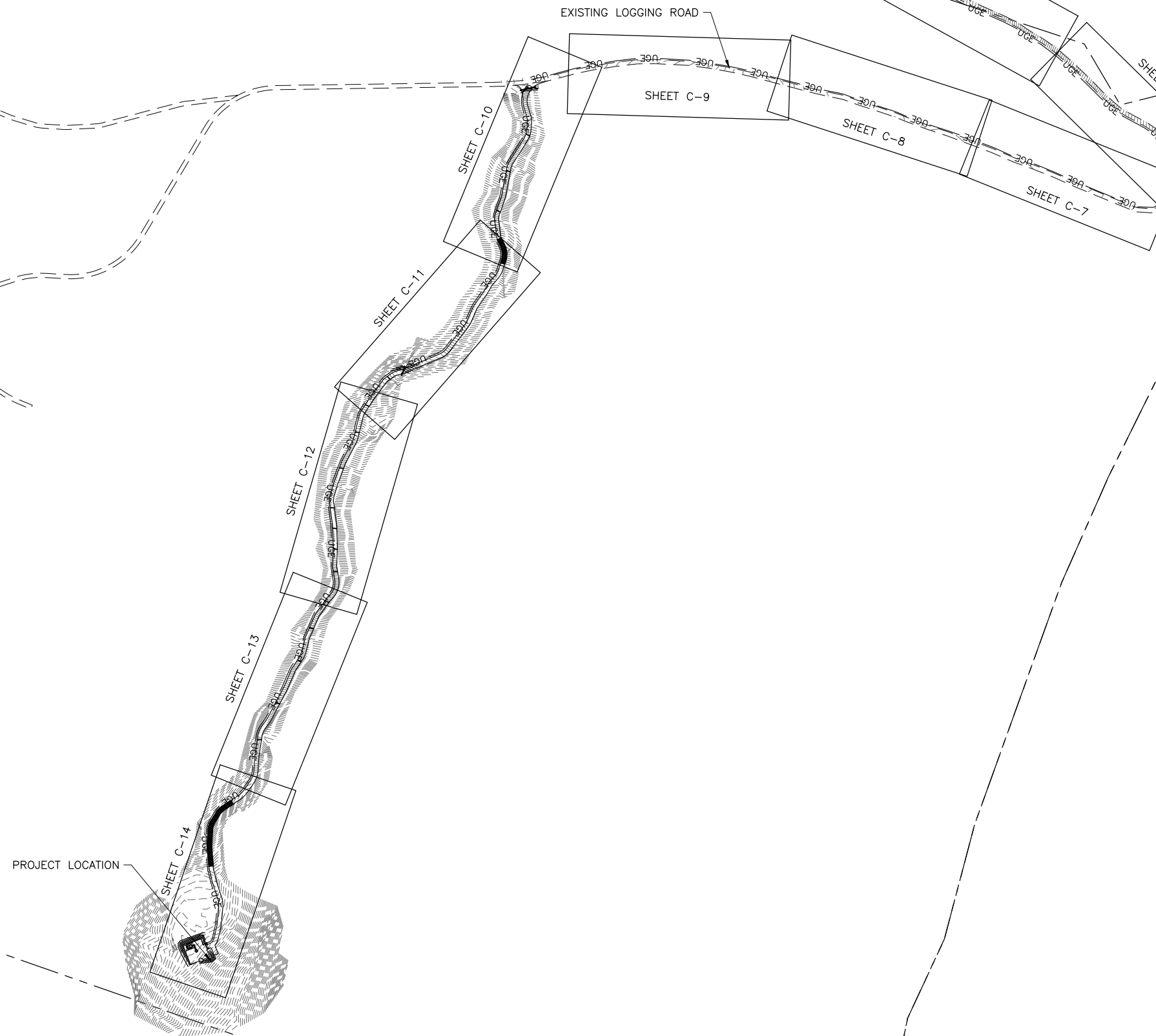
PERMIT PLANS

DRAWN BY JWP	DATE SEPT. 2019
CHECKED BY LJH	D&K PROJECT # 425687L1
PROJ. ENG. LJH	D&K ARCHIVE #

SHEET NUMBER

C-3





NO.	DATE	BY	DESCRIPTION
2	10-28-19	JMP	REVISED MONOPOLE HEIGHT TO 140' A.G.L.
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		LJH	DESCRIPTION



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 MENDON, VT
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SHEET TITLE

KEY PLAN

PERMIT PLANS

DRAWN BY	DATE
GJO	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

C-3



NO.	DATE	DESCRIPTION	BY	CK'D
2	10-28-19	REVISED MONOPOLE HEIGHT TO 140' A.G.L.	JMP	LJH
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SHEET TITLE

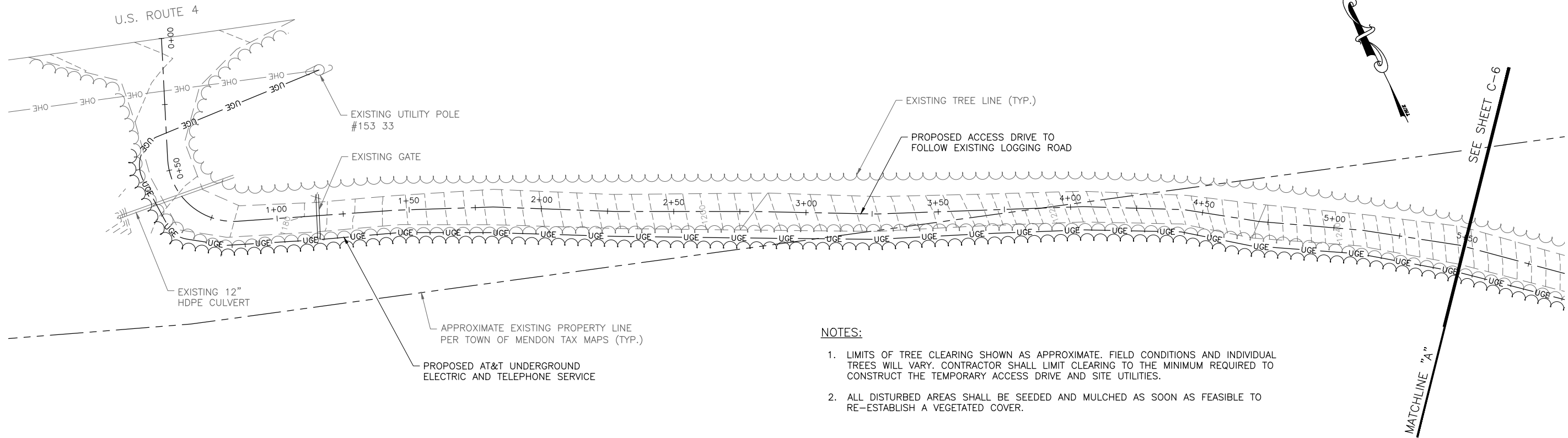
PLAN & PROFILE

PERMIT PLANS

DRAWN BY	DATE
GJO	SEPT. 2019
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LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

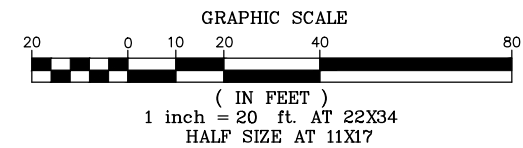
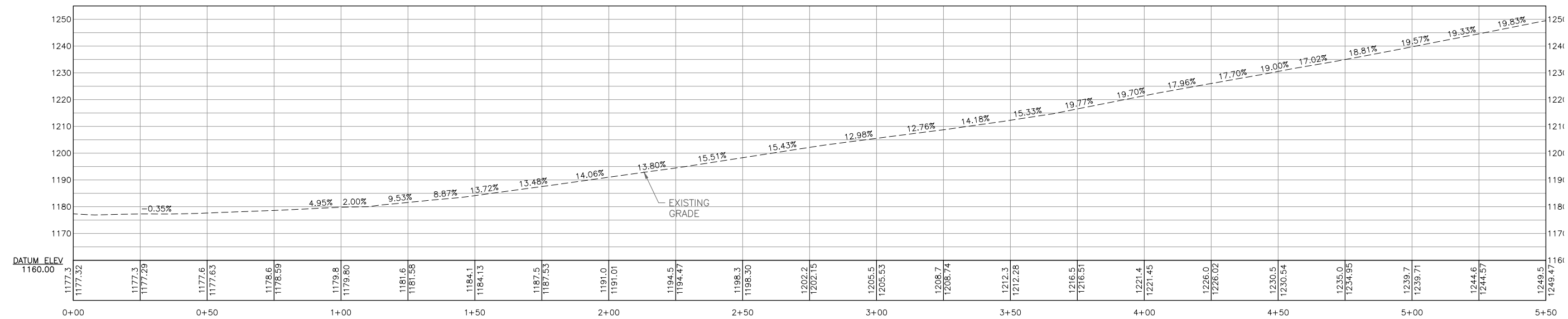
SHEET NUMBER

C-4



NOTES:

- LIMITS OF TREE CLEARING SHOWN AS APPROXIMATE. FIELD CONDITIONS AND INDIVIDUAL TREES WILL VARY. CONTRACTOR SHALL LIMIT CLEARING TO THE MINIMUM REQUIRED TO CONSTRUCT THE TEMPORARY ACCESS DRIVE AND SITE UTILITIES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS FEASIBLE TO RE-ESTABLISH A VEGETATED COVER.





NO.	DATE	DESCRIPTION	BY	CHK'D
2	10-28-19	REVISED MONOPOLE HEIGHT TO 140' A.G.L.	JMP	LJH
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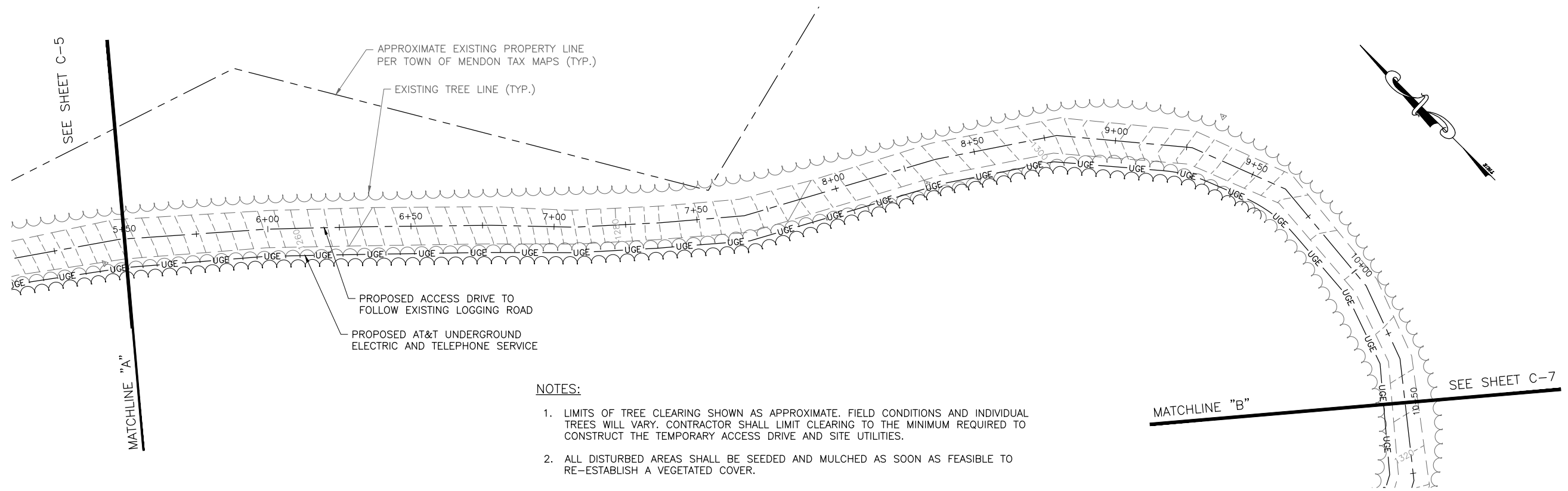
PLAN & PROFILE

PERMIT PLANS

DRAWN BY	DATE
GJO	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

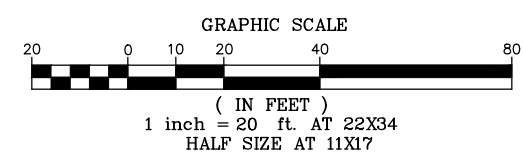
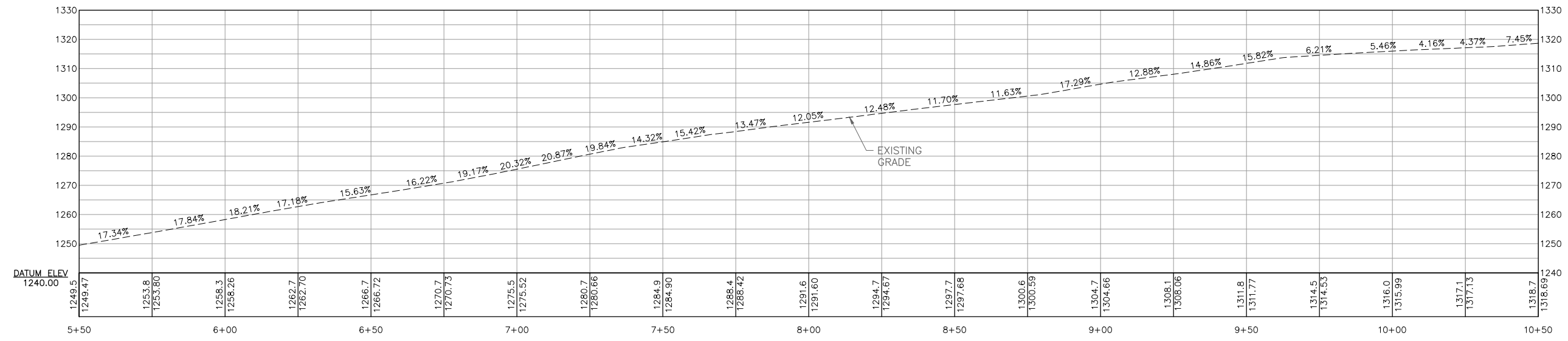
SHEET NUMBER

C-5



NOTES:

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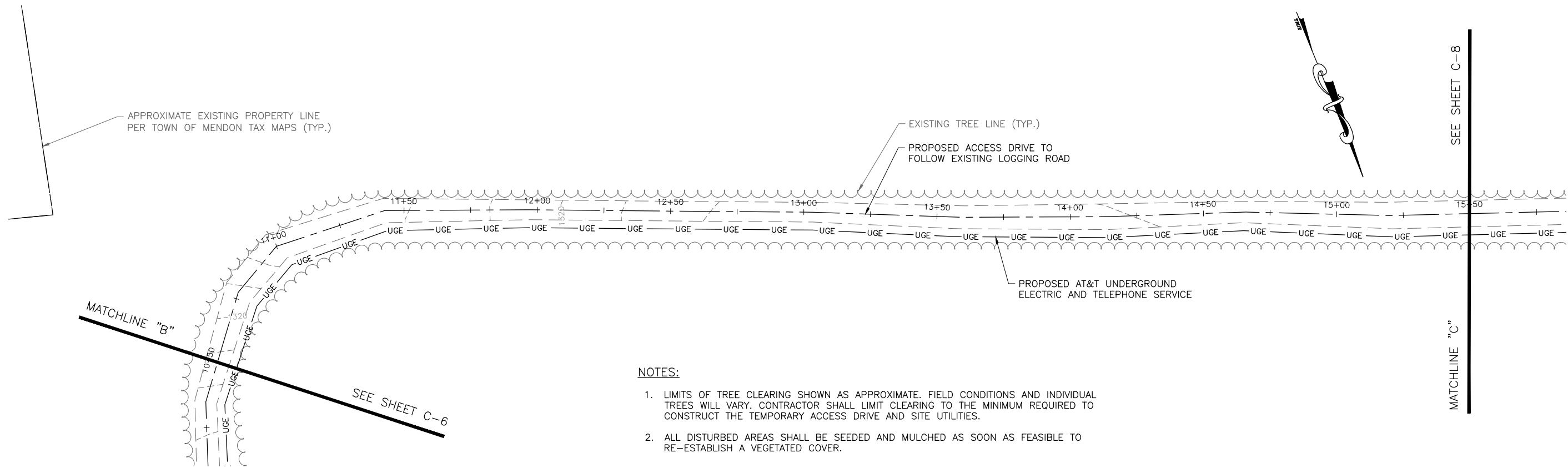
PLAN & PROFILE

PERMIT PLANS

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LJH	425687L1
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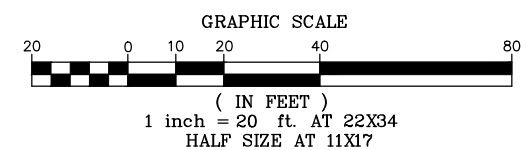
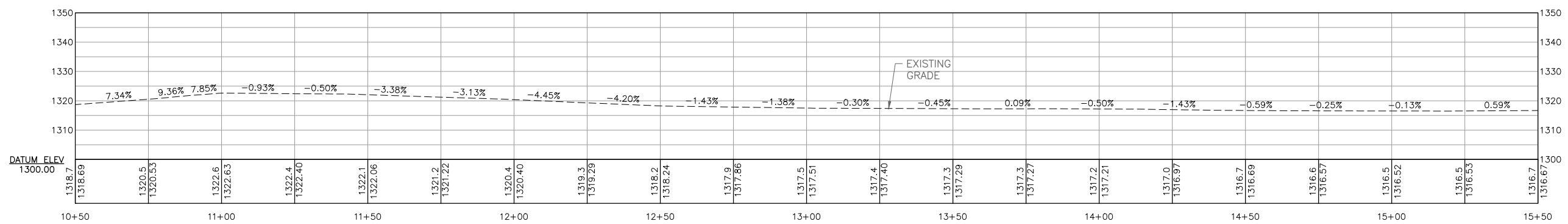
SHEET NUMBER

C-6



NOTES:

- LIMITS OF TREE CLEARING SHOWN AS APPROXIMATE. FIELD CONDITIONS AND INDIVIDUAL TREES WILL VARY. CONTRACTOR SHALL LIMIT CLEARING TO THE MINIMUM REQUIRED TO CONSTRUCT THE TEMPORARY ACCESS DRIVE AND SITE UTILITIES.
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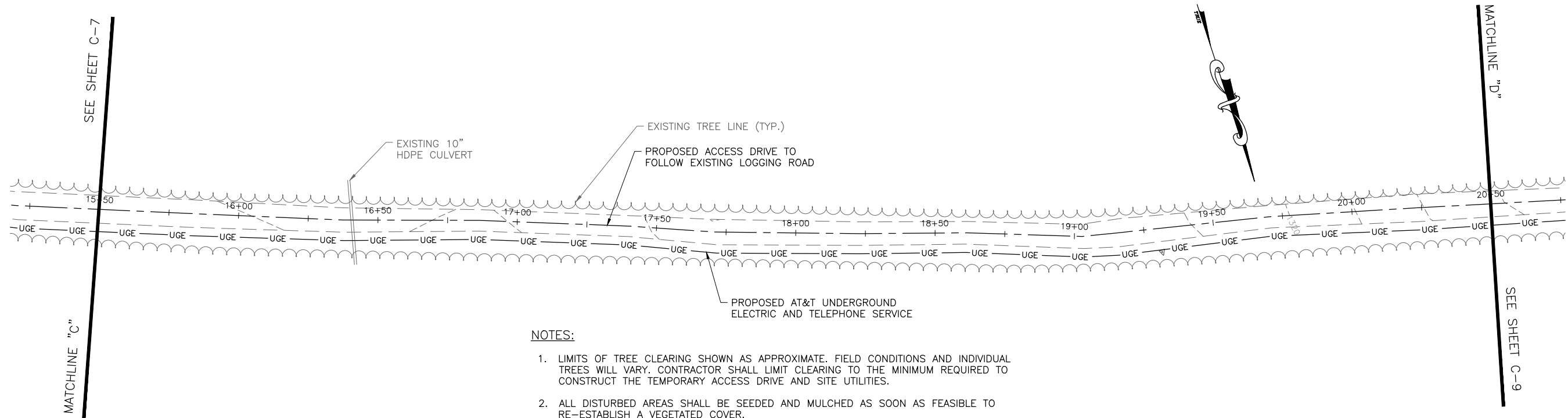
PLAN & PROFILE

PERMIT PLANS

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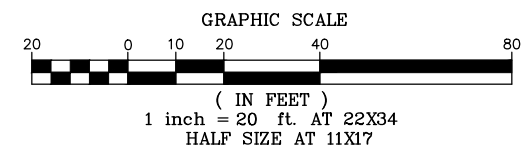
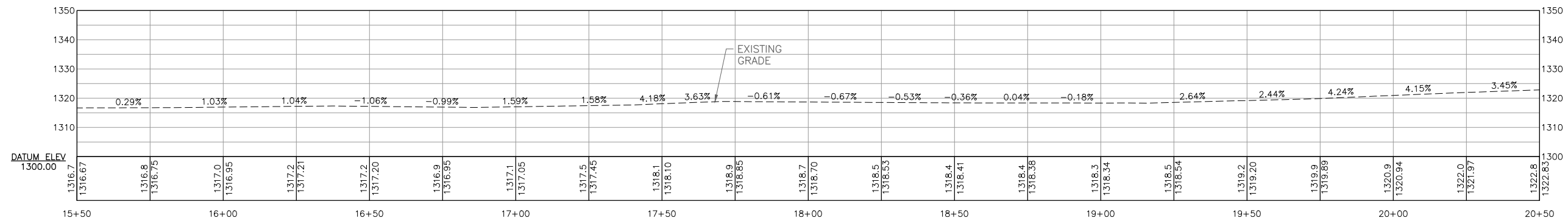
SHEET NUMBER

C-7



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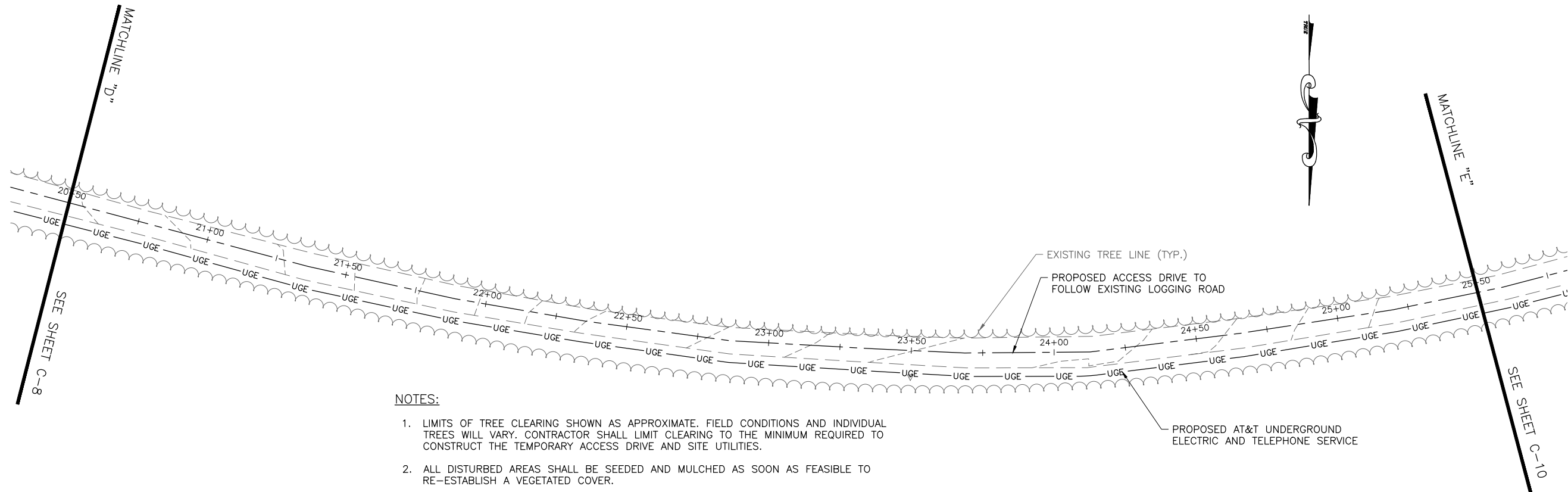
PLAN & PROFILE

PERMIT PLANS

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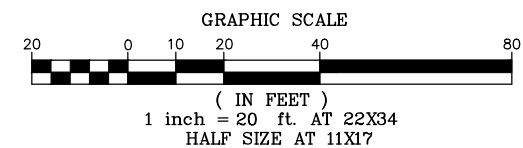
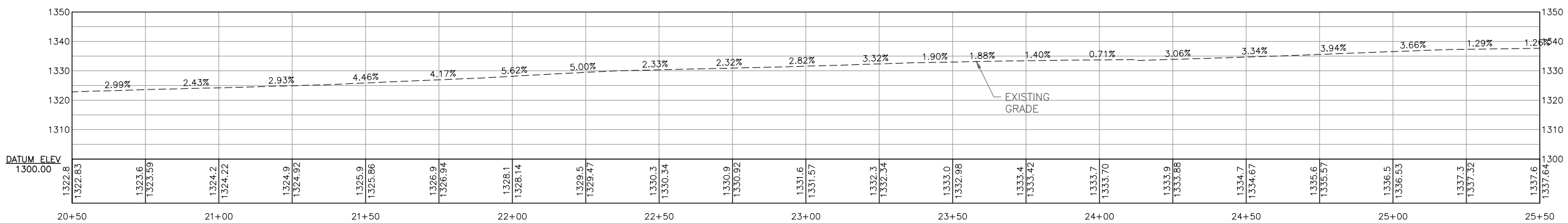
SHEET NUMBER

C-8



NOTES:

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NOT FOR CONSTRUCTION
PERMIT PLANS ONLY

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PLAN & PROFILE

PERMIT PLANS

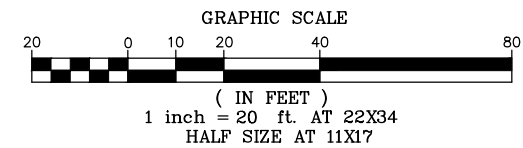
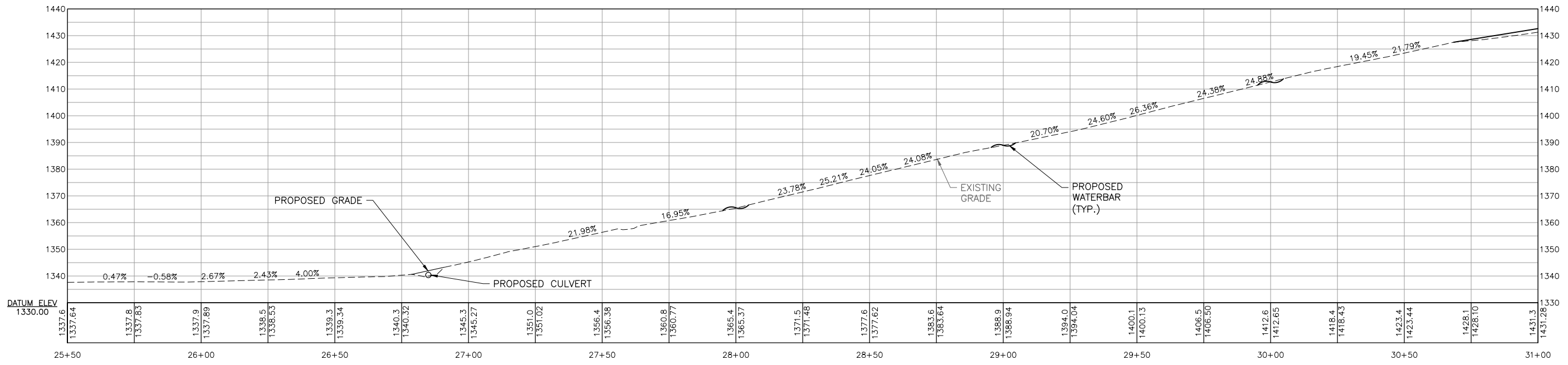
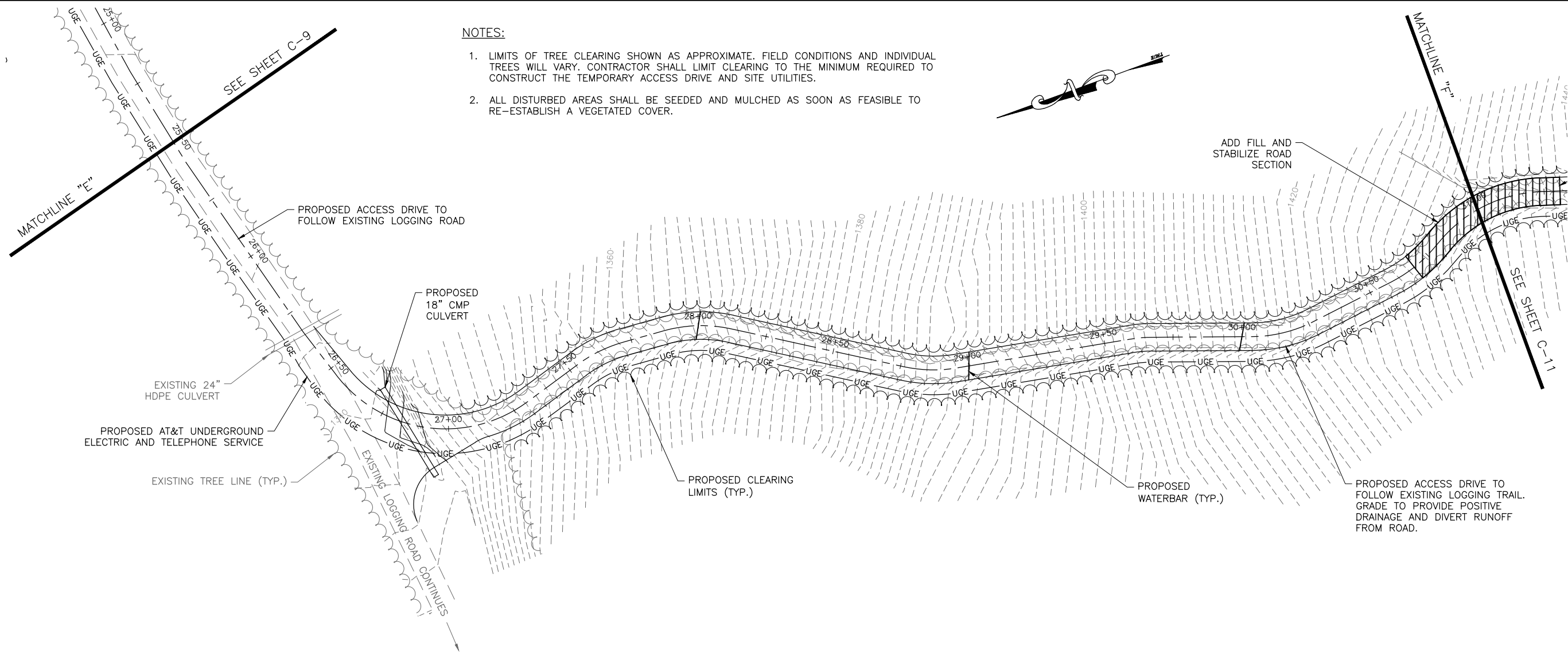
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CHECKED BY LJH	D&K PROJECT # 425687L1
PROJ. ENG. LJH	D&K ARCHIVE #

SHEET NUMBER

C-9

NOTES:

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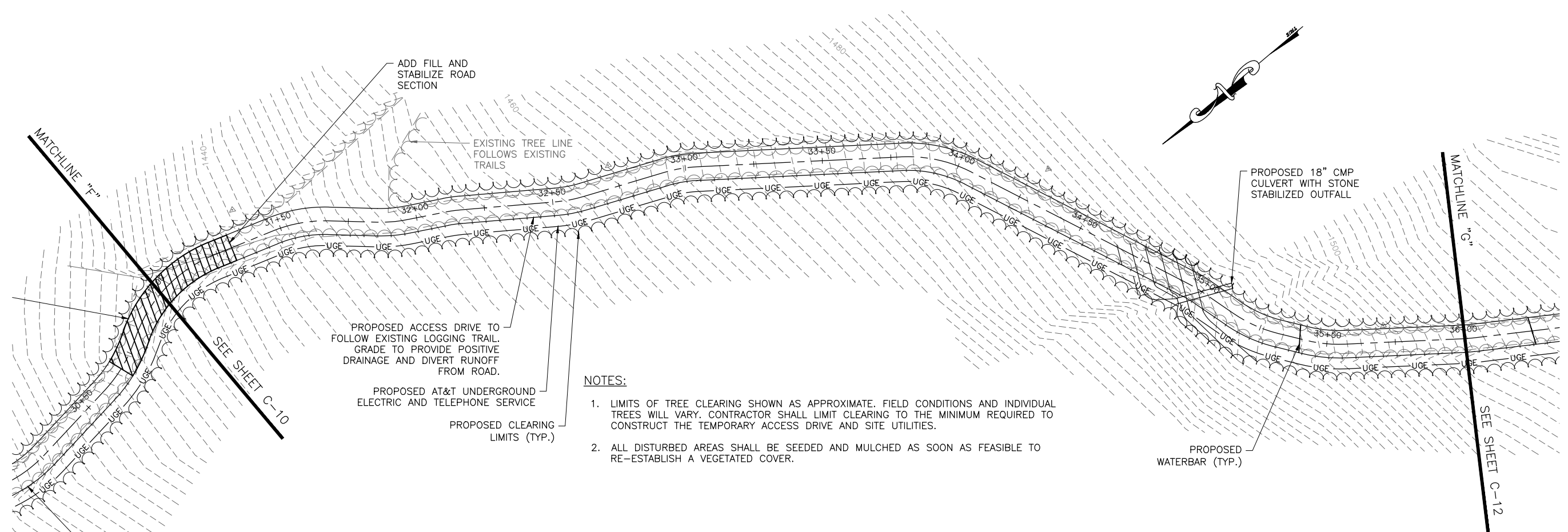
PLAN & PROFILE

PERMIT PLANS

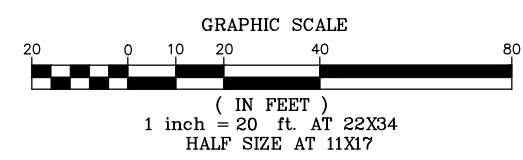
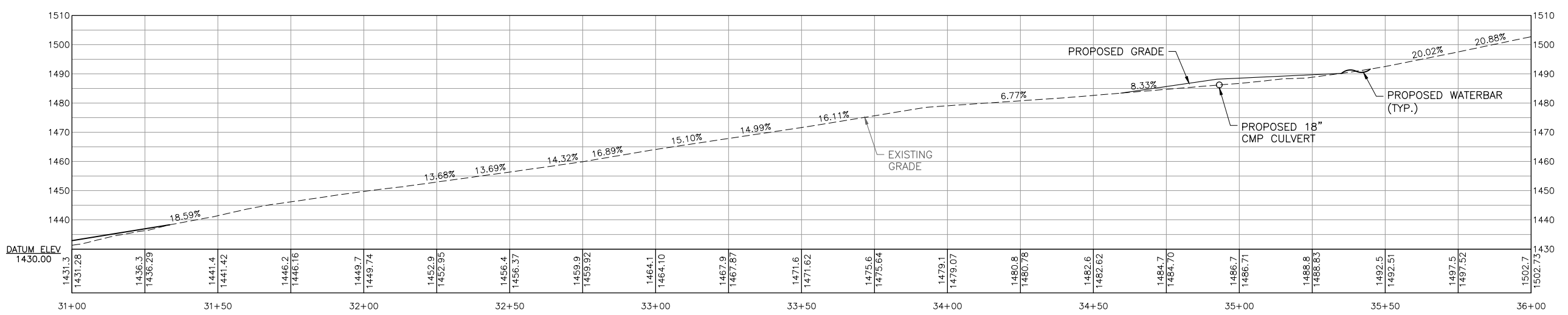
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LJH	425687L1
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SHEET NUMBER

C-10

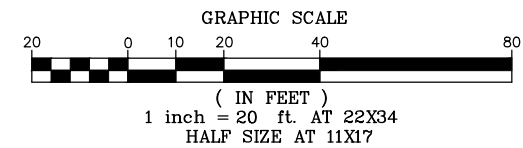
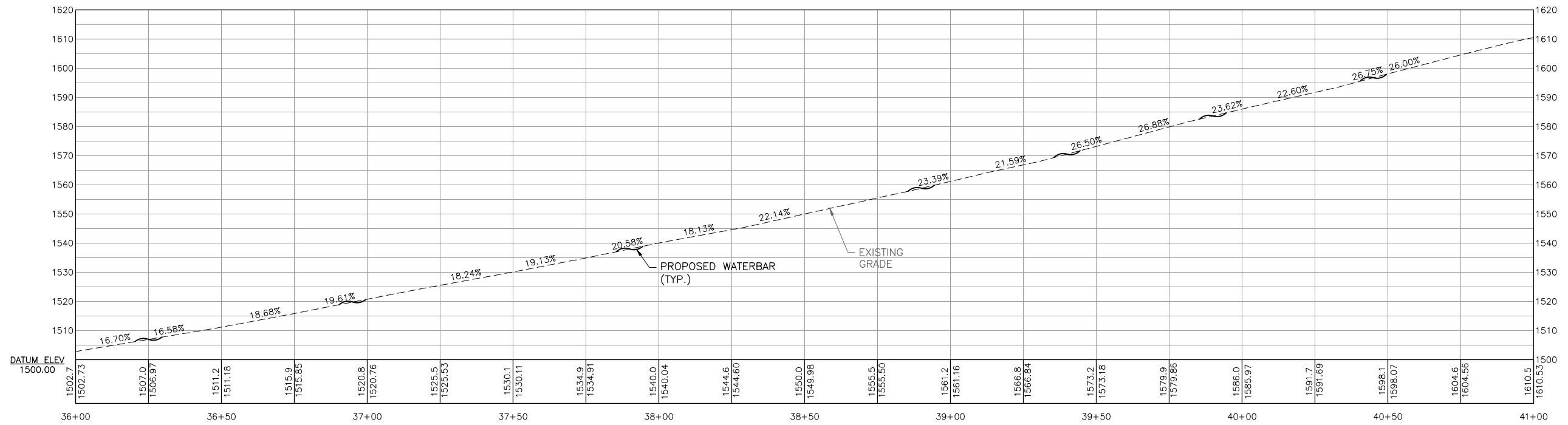
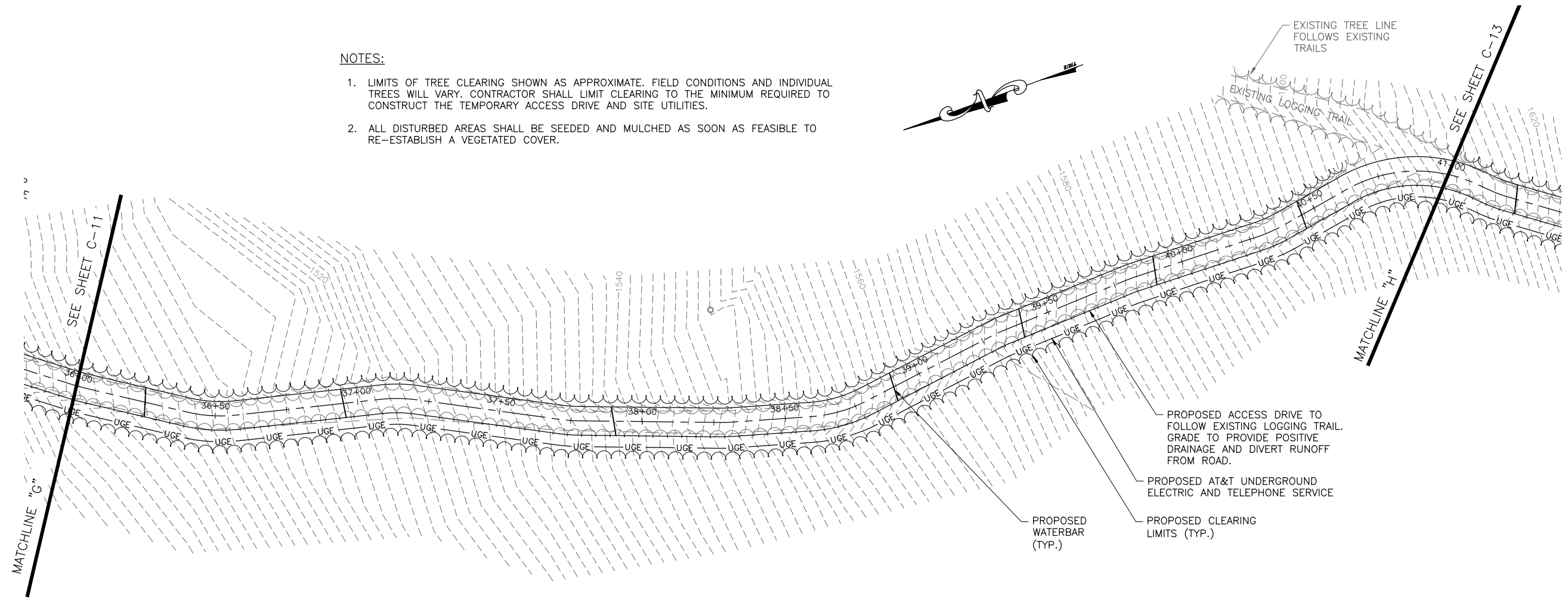


- NOTES:**
- LIMITS OF TREE CLEARING SHOWN AS APPROXIMATE. FIELD CONDITIONS AND INDIVIDUAL TREES WILL VARY. CONTRACTOR SHALL LIMIT CLEARING TO THE MINIMUM REQUIRED TO CONSTRUCT THE TEMPORARY ACCESS DRIVE AND SITE UTILITIES.
 - ALL DISTURBED AREAS SHALL BE SEED AND MULCHED AS SOON AS FEASIBLE TO RE-ESTABLISH A VEGETATED COVER.



NOTES:

- LIMITS OF TREE CLEARING SHOWN AS APPROXIMATE. FIELD CONDITIONS AND INDIVIDUAL TREES WILL VARY. CONTRACTOR SHALL LIMIT CLEARING TO THE MINIMUM REQUIRED TO CONSTRUCT THE TEMPORARY ACCESS DRIVE AND SITE UTILITIES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS FEASIBLE TO RE-ESTABLISH A VEGETATED COVER.



NO.	DATE	ISSUED FOR PERMITTING	DESCRIPTION	BY	CK'D
2	10-28-19	REVISED MONOPOLE HEIGHT TO 140' A.G.L.		JMP	LJH
1	09-04-19	ISSUED FOR PERMITTING		JMP	LJH



SR# VT 6345

MENDON
3410 U.S. ROUTE 4
MENDON, VT
05701

SHEET TITLE

PLAN & PROFILE

PERMIT PLANS

DRAWN BY	DATE
GJO	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

C-11



NO.	DATE	DESCRIPTION	BY	CK'D
2	10-28-19	REVISED MONOPOLE HEIGHT TO 140' A.G.L.	JMP	LJH
1	09-04-19	ISSUED FOR PERMITTING	JMP	LJH



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SHEET TITLE

PLAN & PROFILE

PERMIT PLANS

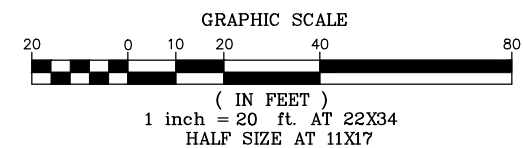
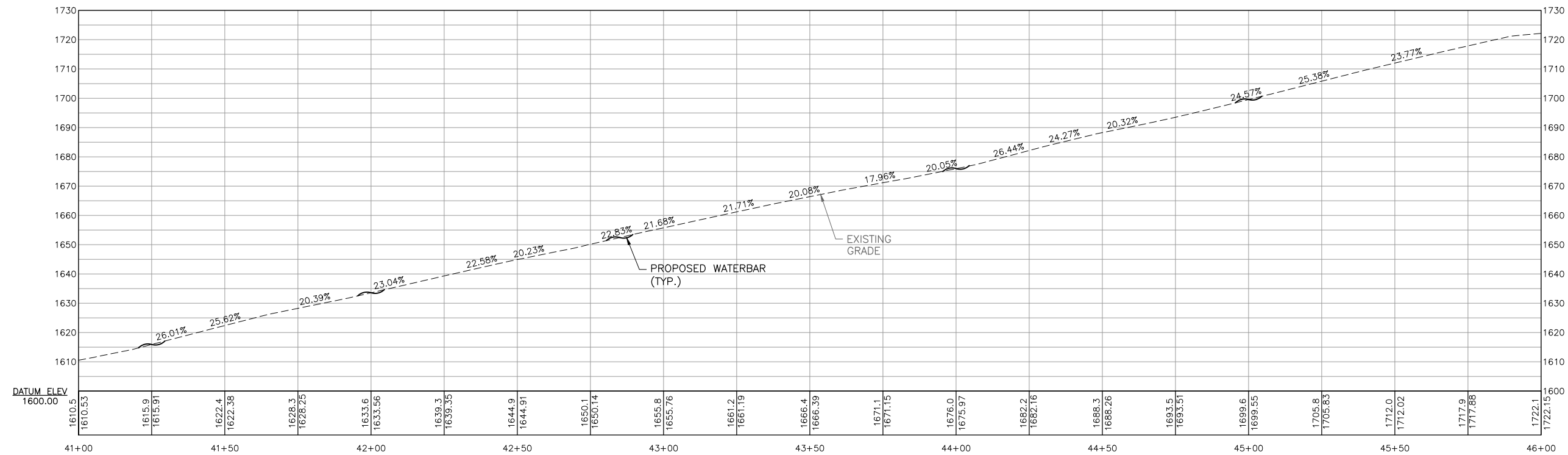
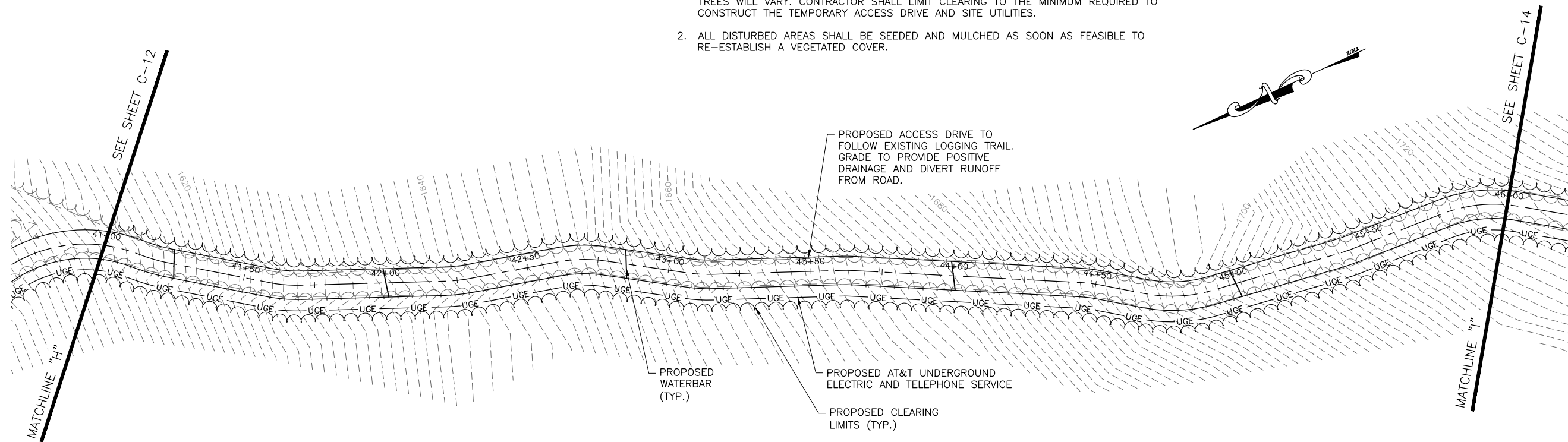
DRAWN BY	DATE
GJO	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

C-12

NOTES:

- LIMITS OF TREE CLEARING SHOWN AS APPROXIMATE. FIELD CONDITIONS AND INDIVIDUAL TREES WILL VARY. CONTRACTOR SHALL LIMIT CLEARING TO THE MINIMUM REQUIRED TO CONSTRUCT THE TEMPORARY ACCESS DRIVE AND SITE UTILITIES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS FEASIBLE TO RE-ESTABLISH A VEGETATED COVER.





NO.	DATE	DESCRIPTION	BY	CK'D
2	10-28-19	REVISED MONOPILE HEIGHT TO 140' A.G.L.	JMP	LJH
1	09-04-19	ISSUED FOR PERMITTING	JMP	LJH



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SHEET TITLE

PLAN & PROFILE

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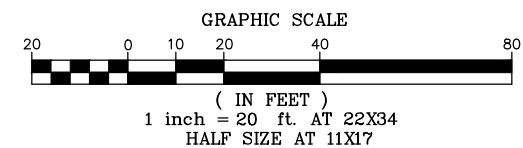
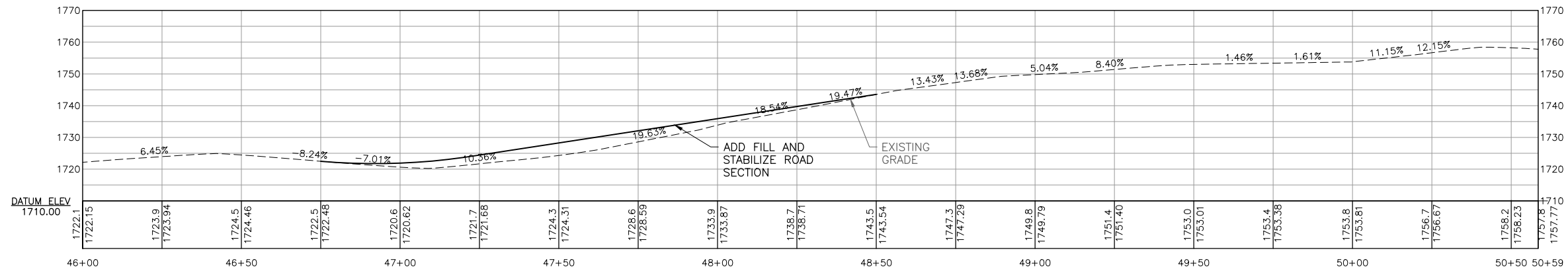
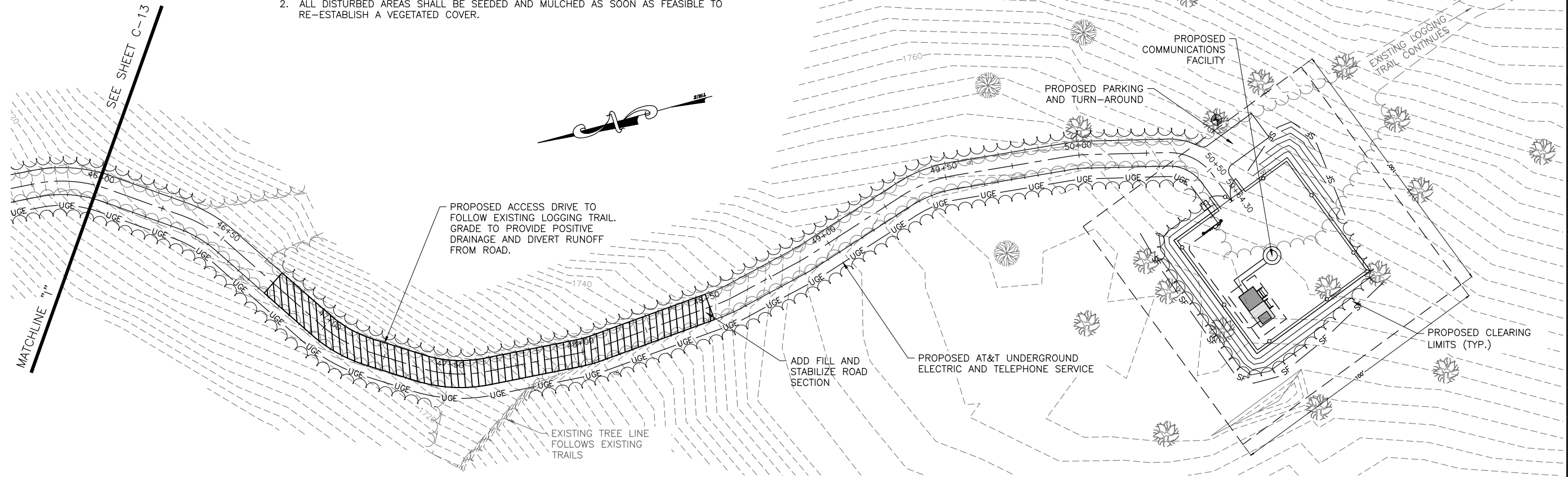
DRAWN BY	DATE
GJO	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

C-13

NOTES:

- LIMITS OF TREE CLEARING SHOWN AS APPROXIMATE. FIELD CONDITIONS AND INDIVIDUAL TREES WILL VARY. CONTRACTOR SHALL LIMIT CLEARING TO THE MINIMUM REQUIRED TO CONSTRUCT THE TEMPORARY ACCESS DRIVE AND SITE UTILITIES.
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SHEET TITLE

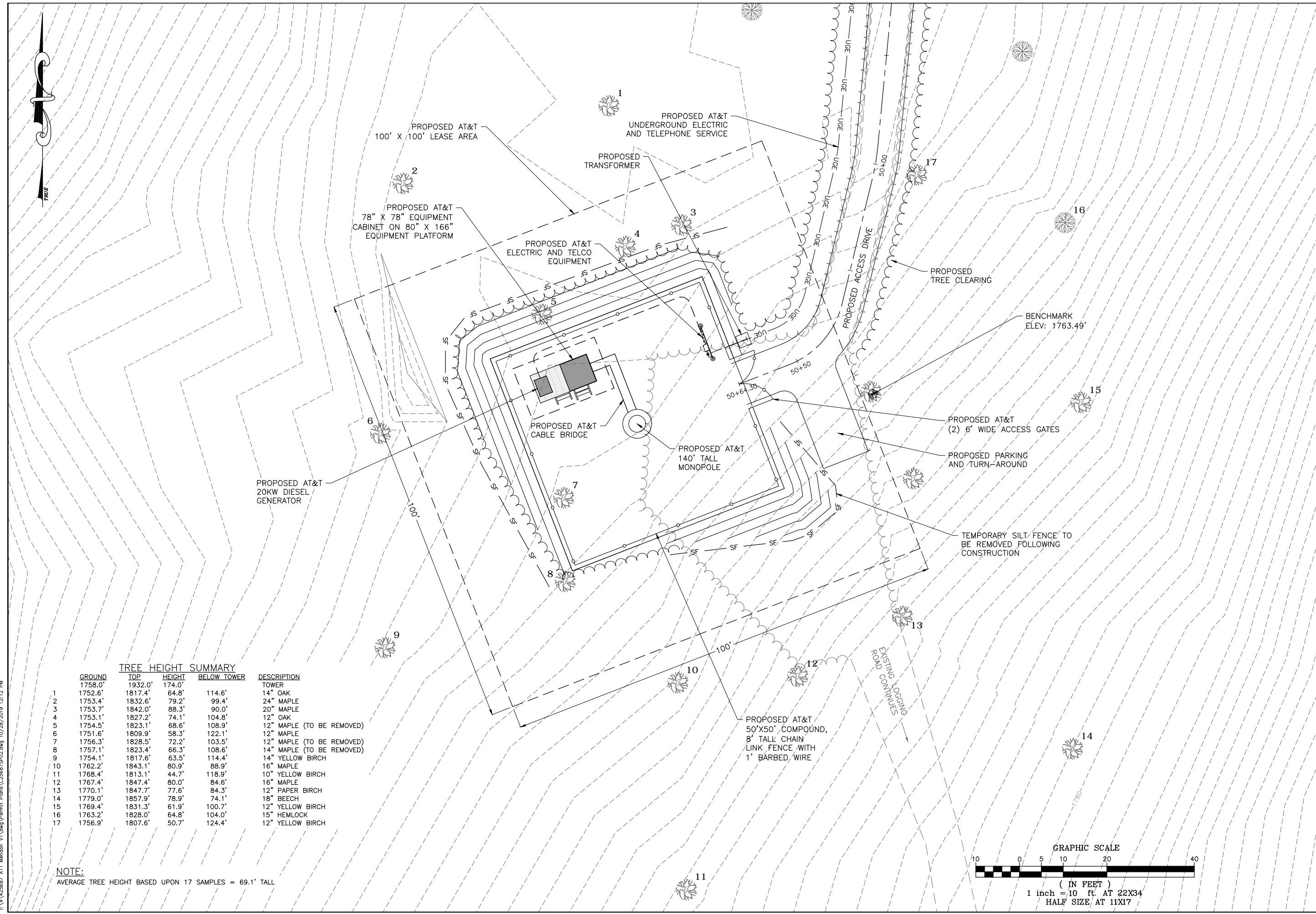
DETAIL SITE PLAN

PERMIT PLANS

DRAWN BY	DATE
JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

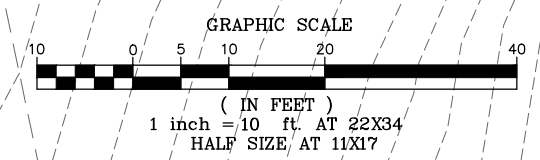
C-15



TREE HEIGHT SUMMARY

	GROUND	TOP	HEIGHT	BELOW TOWER	DESCRIPTION	
1	1758.0'	1932.0'	174.0'	114.6'	TOWER	
2	1752.6'	1817.4'	64.8'	14"	OAK	
3	1753.4'	1832.6'	79.2'	99.4'	24"	MAPLE
4	1753.7'	1842.0'	88.3'	90.0'	20"	MAPLE
5	1753.1'	1827.2'	74.1'	104.8'	12"	OAK
6	1754.5'	1823.1'	68.6'	108.9'	12"	MAPLE (TO BE REMOVED)
7	1751.6'	1809.9'	58.3'	122.1'	12"	MAPLE
8	1756.3'	1828.5'	72.2'	103.5'	12"	MAPLE (TO BE REMOVED)
9	1757.1'	1823.4'	66.3'	108.6'	14"	MAPLE (TO BE REMOVED)
10	1754.1'	1817.6'	63.5'	114.4'	14"	YELLOW BIRCH
11	1762.2'	1843.1'	80.9'	88.9'	16"	MAPLE
12	1768.4'	1813.1'	44.7'	118.9'	10"	YELLOW BIRCH
13	1767.4'	1847.4'	80.0'	84.6'	16"	MAPLE
14	1770.1'	1847.7'	77.6'	84.3'	12"	PAPER BIRCH
15	1779.0'	1857.9'	78.9'	74.1'	18"	BEECH
16	1769.4'	1831.3'	61.9'	100.7'	12"	YELLOW BIRCH
17	1763.2'	1828.0'	64.8'	104.0'	15"	HEMLOCK
18	1756.9'	1807.6'	50.7'	124.4'	12"	YELLOW BIRCH

NOTE:
 AVERAGE TREE HEIGHT BASED UPON 17 SAMPLES = 69.1' TALL



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 MENDON, VT
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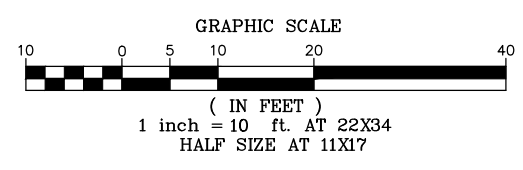
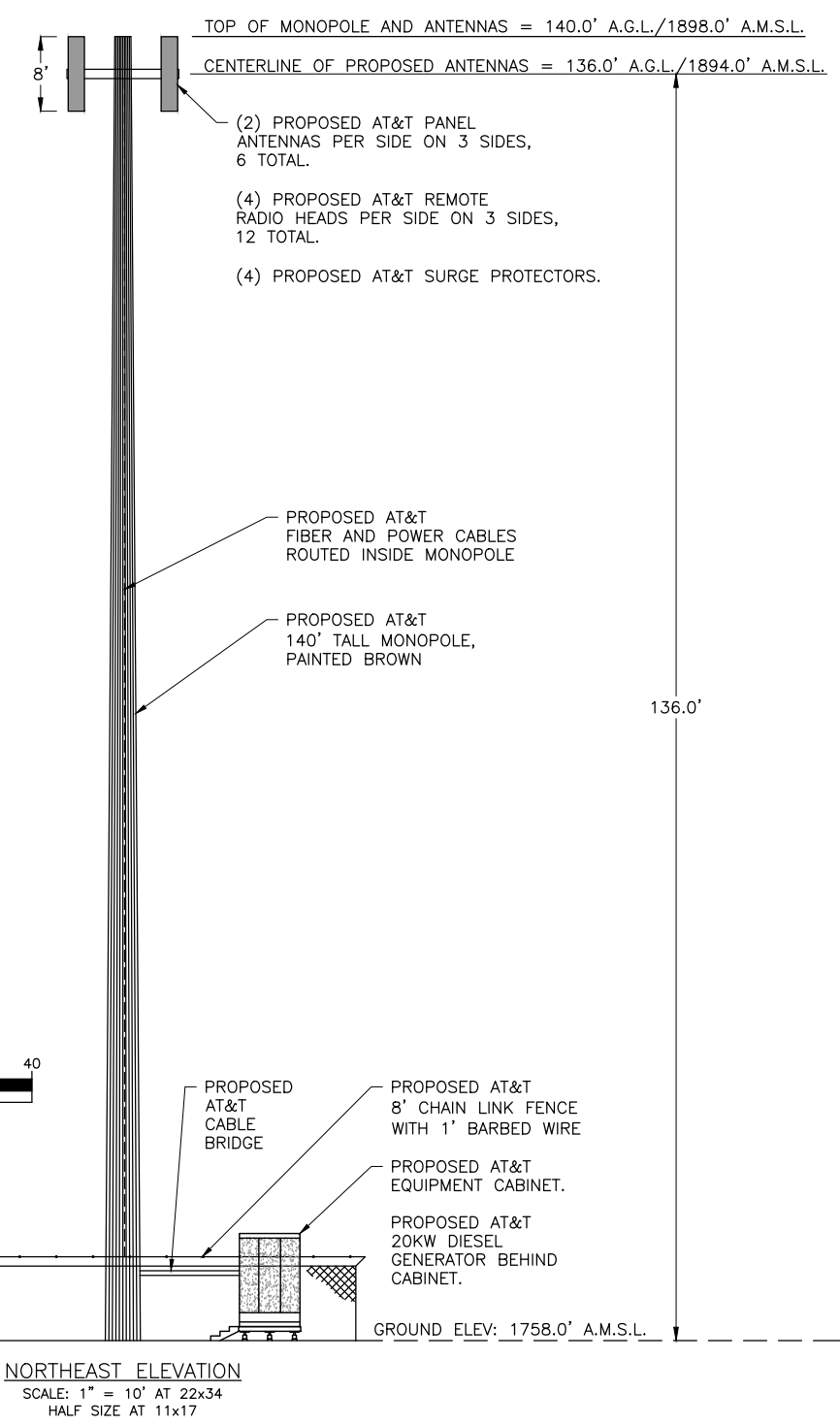
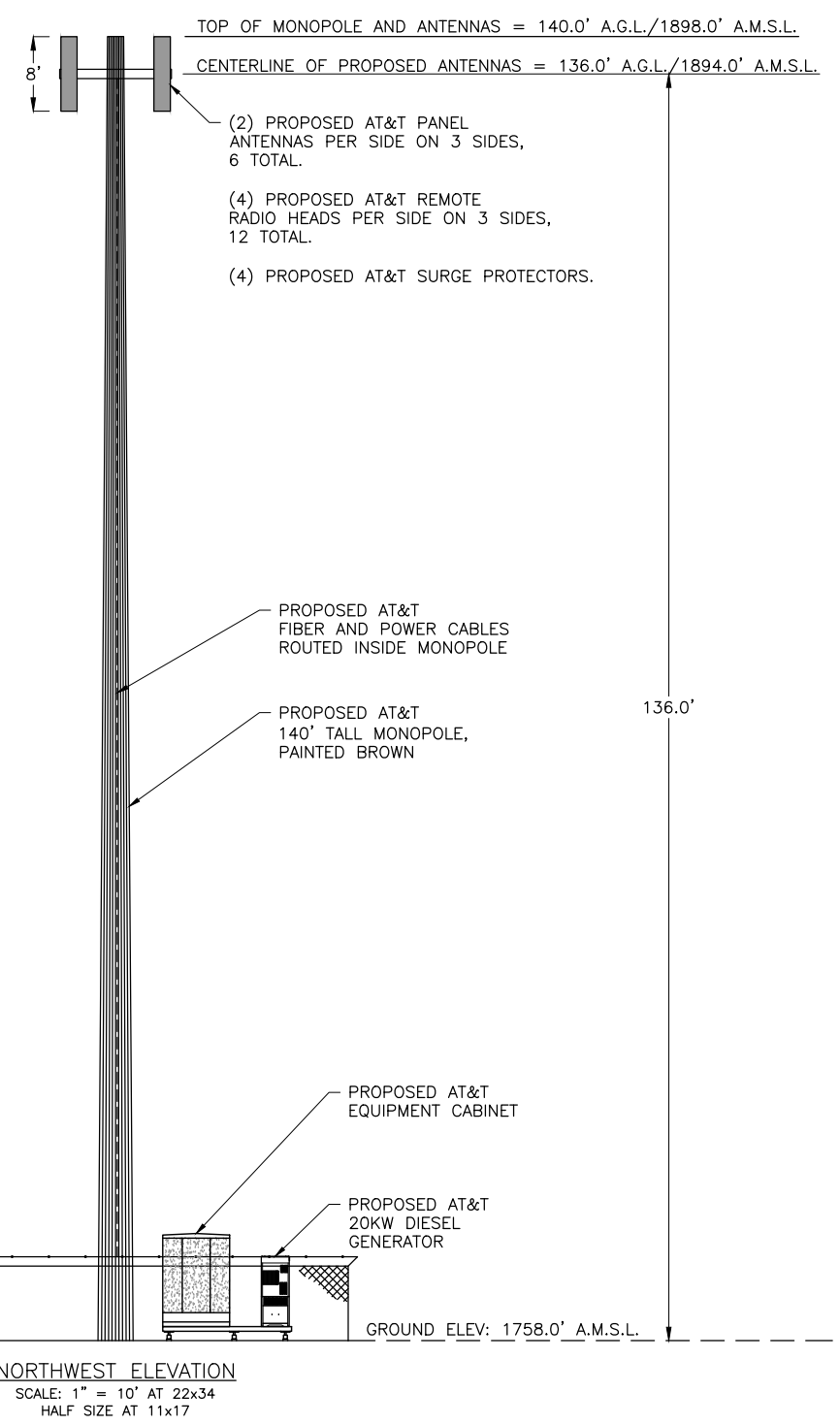
TOWER
 ELEVATIONS

PERMIT PLANS

DRAWN BY	DATE
JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

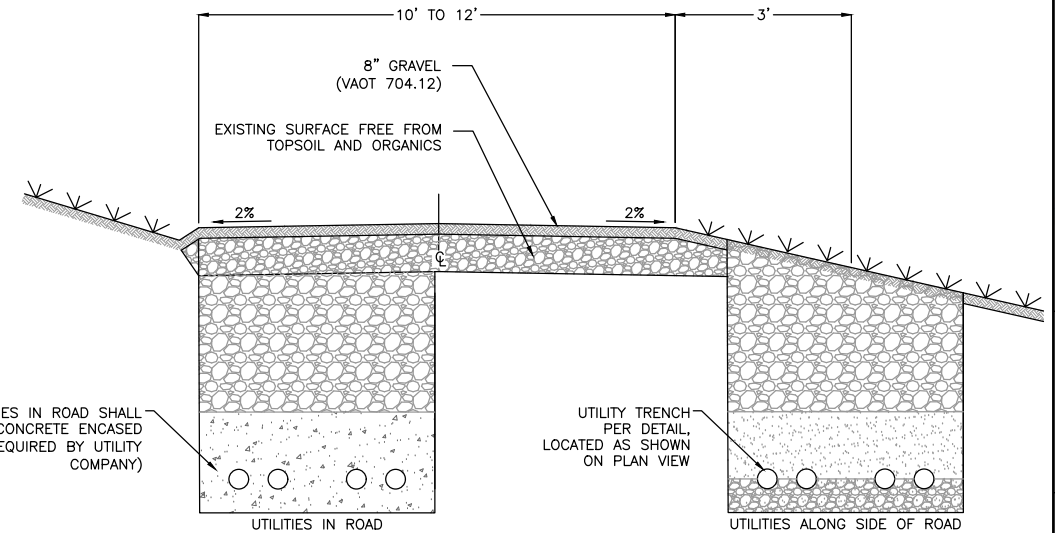
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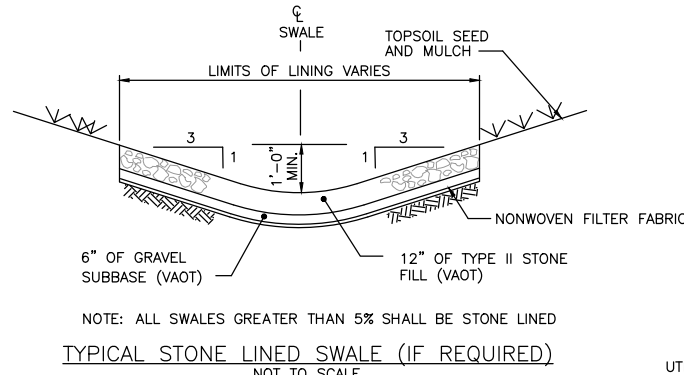
NO.	DATE	DESCRIPTION	BY	CK'D
1	10-28-19	REVISED MONOPILE HEIGHT TO 140' A.G.L.	JWP	LJH
2	09-04-19	ISSUED FOR PERMITTING	JWP	LJH

DRAWN BY	DATE
JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	



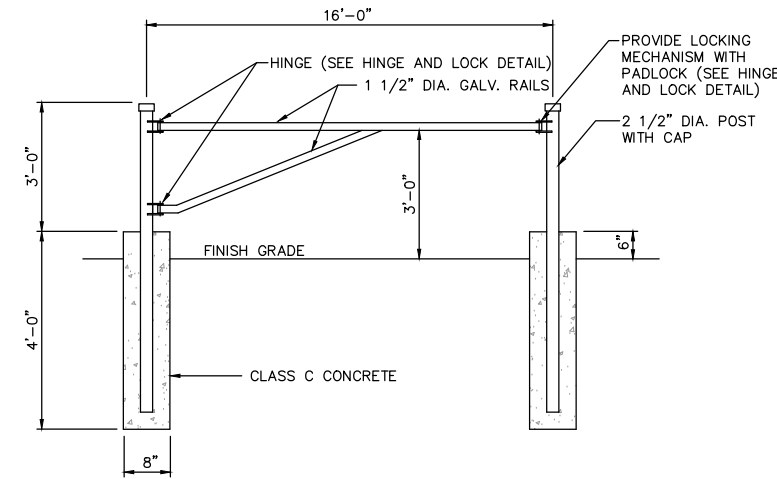
TYPICAL CROSS SECTION
 NOT TO SCALE

- NOTES:
- ACCESS TO FOLLOW EXISTING PATHS WHENEVER FEASIBLE.
 - TREE CLEARING SHALL BE LIMITED TO THE MINIMUM REQUIRED (APPROXIMATELY 20' \pm) TO PERMIT CONSTRUCTION VEHICLE ACCESS.
 - CONSTRUCTION STANDARDS SHALL MEET OR EXCEED THOSE OUTLINED IN "THE ACCEPTABLE MANAGEMENT PRACTICES FOR MAINTAINING WATER QUALITY ON LOGGING JOBS IN VERMONT" HANDBOOK.
 - UTILITY TRENCH LOCATION SHOWN AS TYPICAL.
 - SEED AND MULCH ALL EXPOSED SOILS AS SOON AS FEASIBLE.
 - CONTRACTOR TO FOLLOW STATE OF VERMONT LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL. SEE EPSC LOW RISK HANDBOOK SHEETS INCLUDED IN THIS DRAWING SET.
 - FILL LOW AREAS AND SLOPE TO PROVIDE POSITIVE DRAINAGE OFF ROAD.

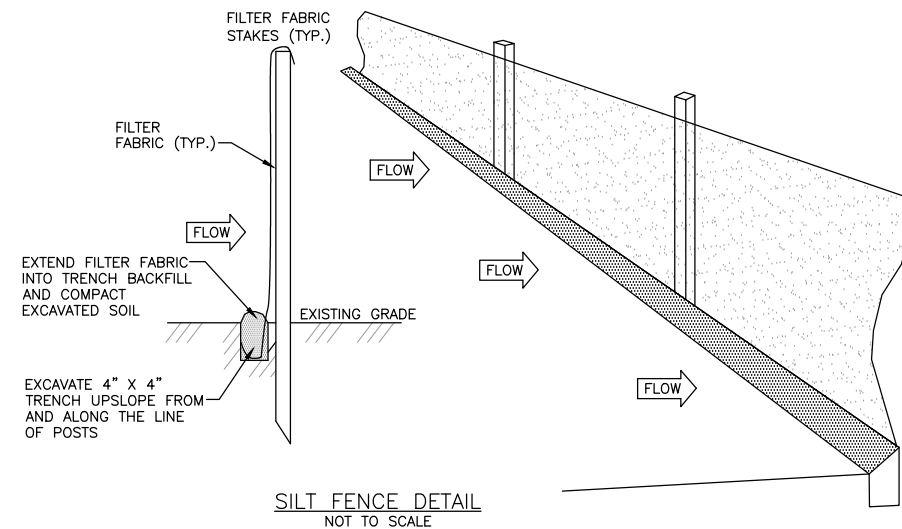


TYPICAL STONE LINED SWALE (IF REQUIRED)
 NOT TO SCALE

- NOTE:
 WIDTH OF GATE #4 TO BE 26'-0".
 ALL OTHER GATES TO BE 16'-0" WIDE.

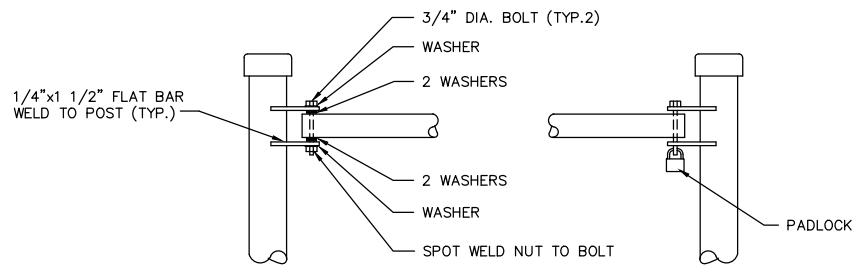


ACCESS ROAD GATE DETAIL (IF NEEDED)
 NOT TO SCALE

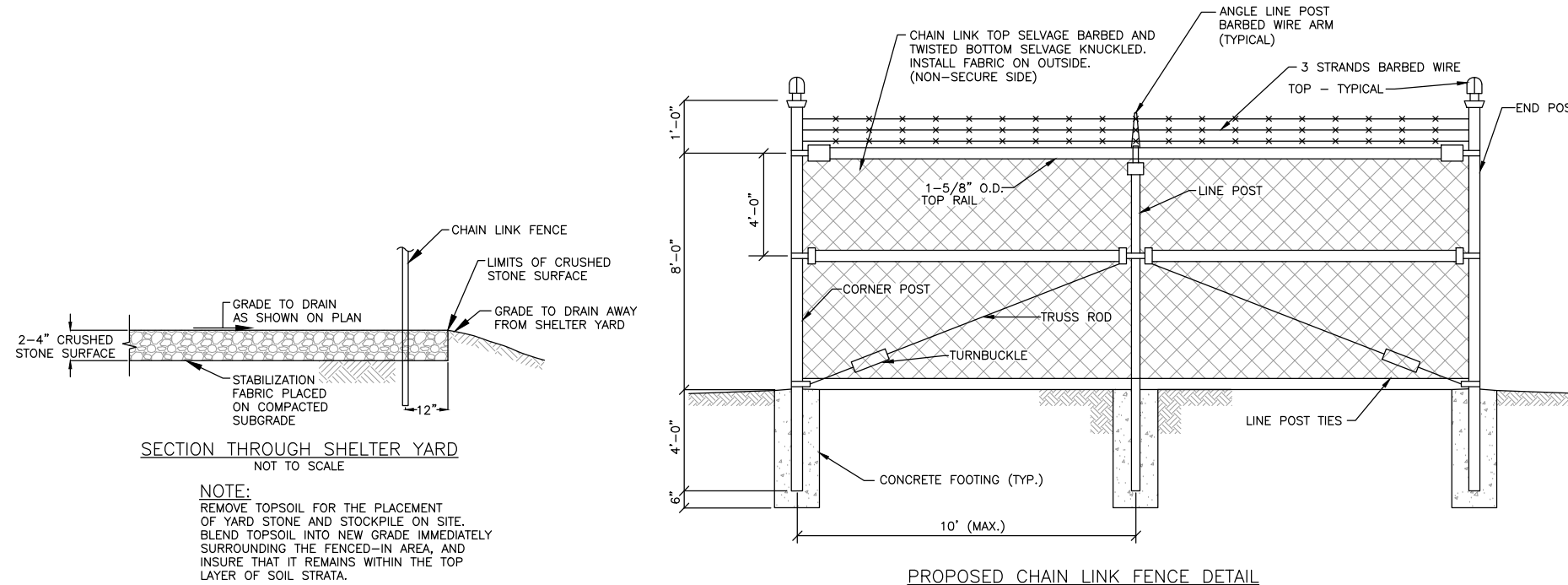


SILT FENCE DETAIL
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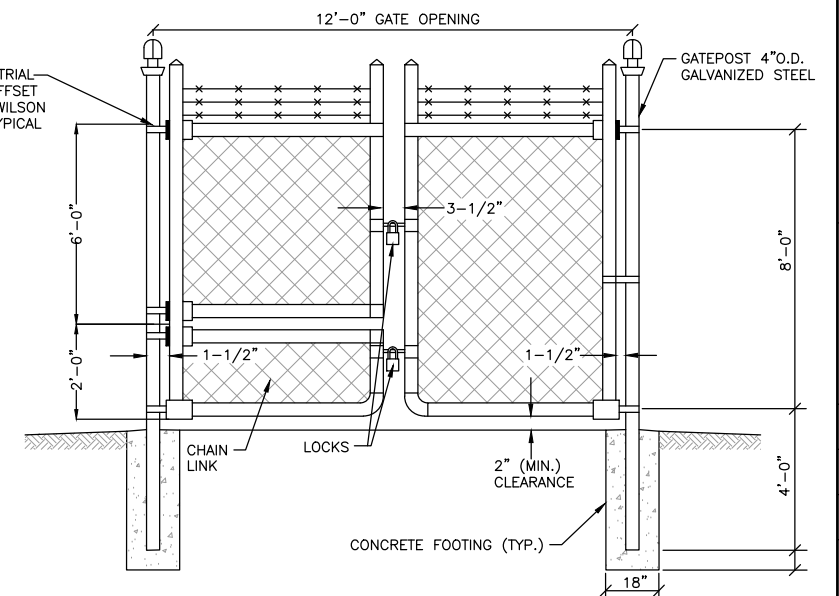
- NOTES:
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 - CONTRACTOR TO FOLLOW STATE OF VERMONT LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL.



GATE HINGE AND LOCK DETAIL (IF NEEDED)
 NOT TO SCALE



PROPOSED CHAIN LINK FENCE DETAIL
 NOT TO SCALE



PROPOSED DOUBLE SWING GATE DETAIL
 NOT TO SCALE

SECTION THROUGH SHELTER YARD
 NOT TO SCALE

- NOTE:
 REMOVE TOPSOIL FOR THE PLACEMENT OF YARD STONE AND STOCKPILE ON SITE. BLEND TOPSOIL INTO NEW GRADE IMMEDIATELY SURROUNDING THE FENCED-IN AREA, AND INSURE THAT IT REMAINS WITHIN THE TOP LAYER OF SOIL STRATA.



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MENDON, VT
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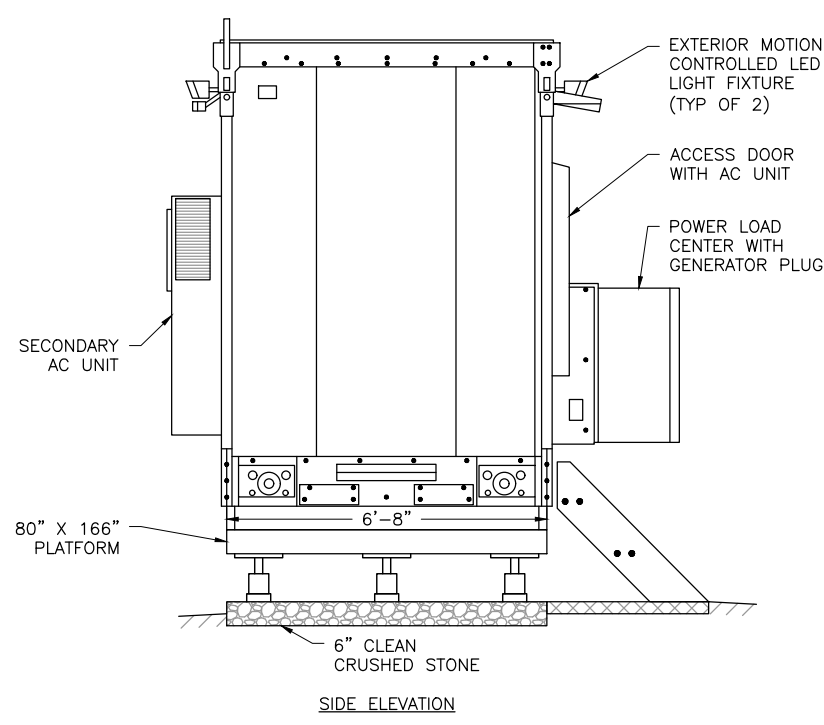
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PERMIT PLANS

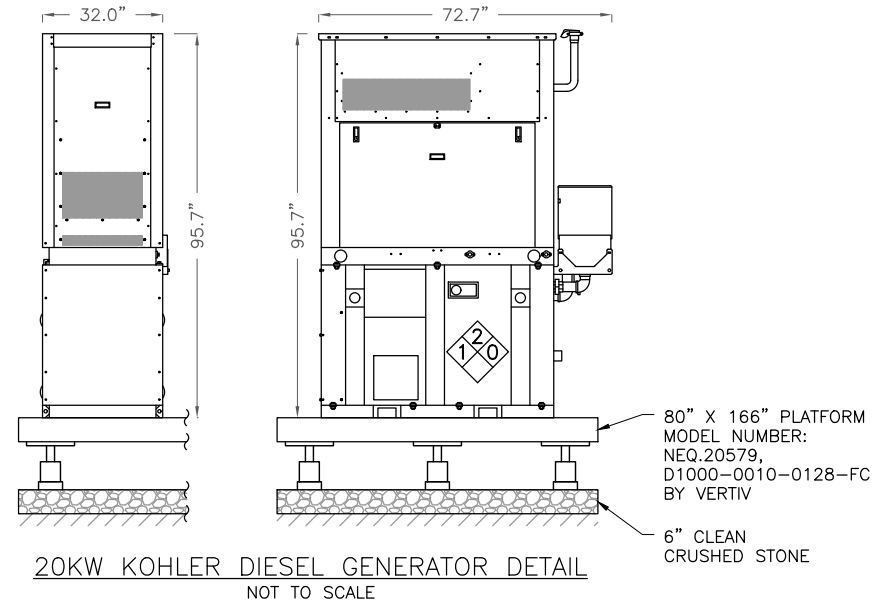
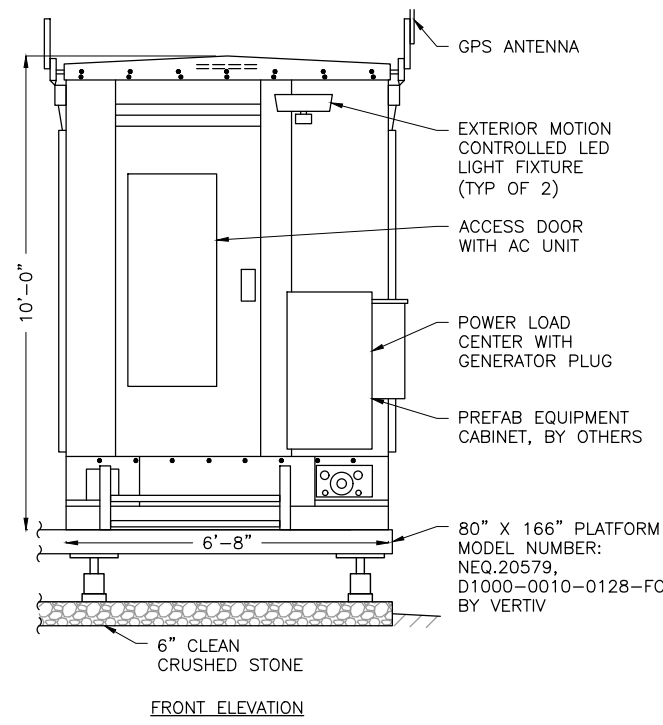
DRAWN BY	DATE
JWP	SEPT. 2019
CHECKED BY	D&K PROJECT #
LJH	425687L1
PROJ. ENG.	D&K ARCHIVE #
LJH	

SHEET NUMBER

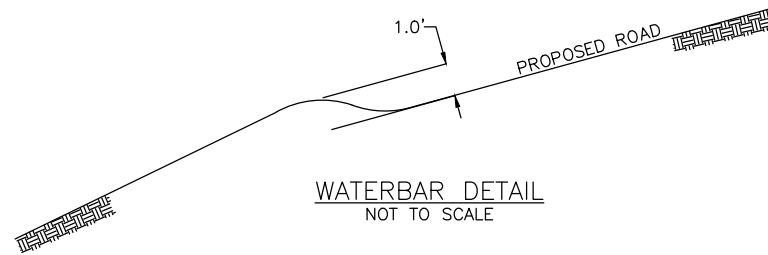
C-18



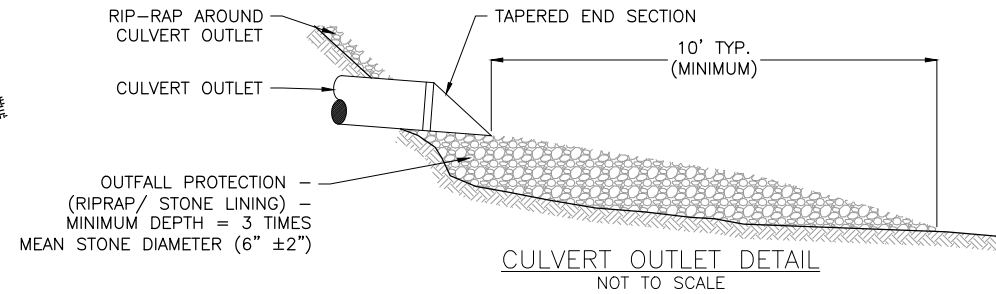
WALK IN CABINET (WIC) DETAIL
NOT TO SCALE



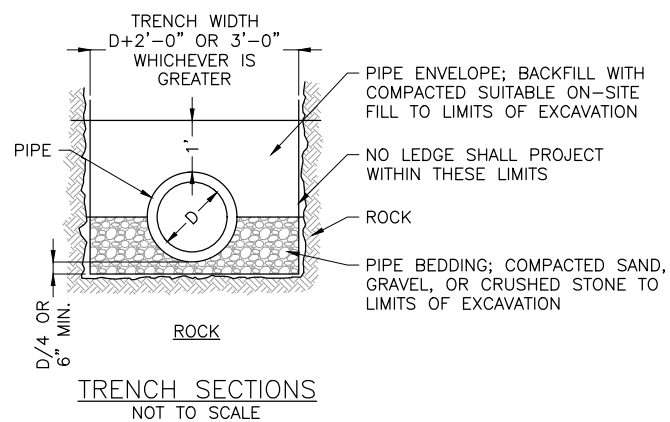
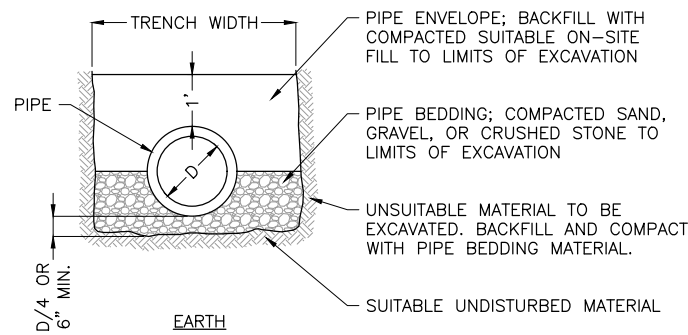
20KW KOHLER DIESEL GENERATOR DETAIL
NOT TO SCALE



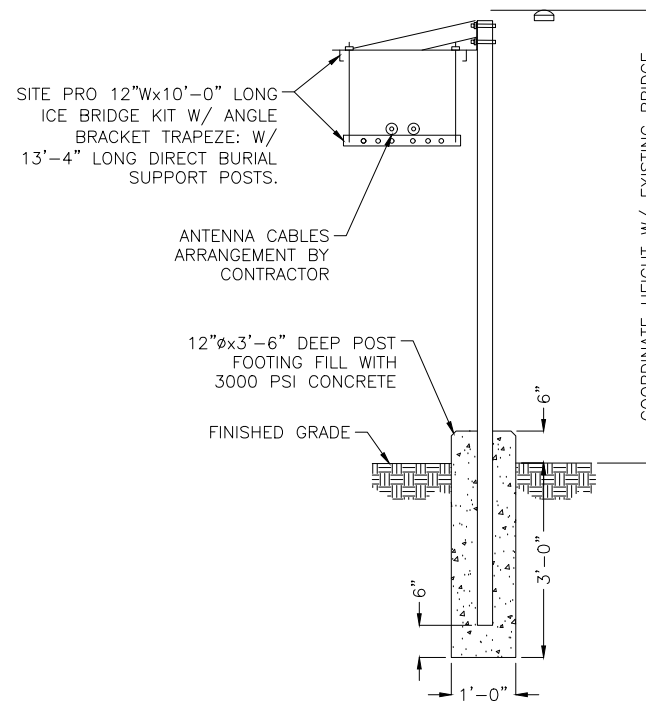
WATERBAR DETAIL
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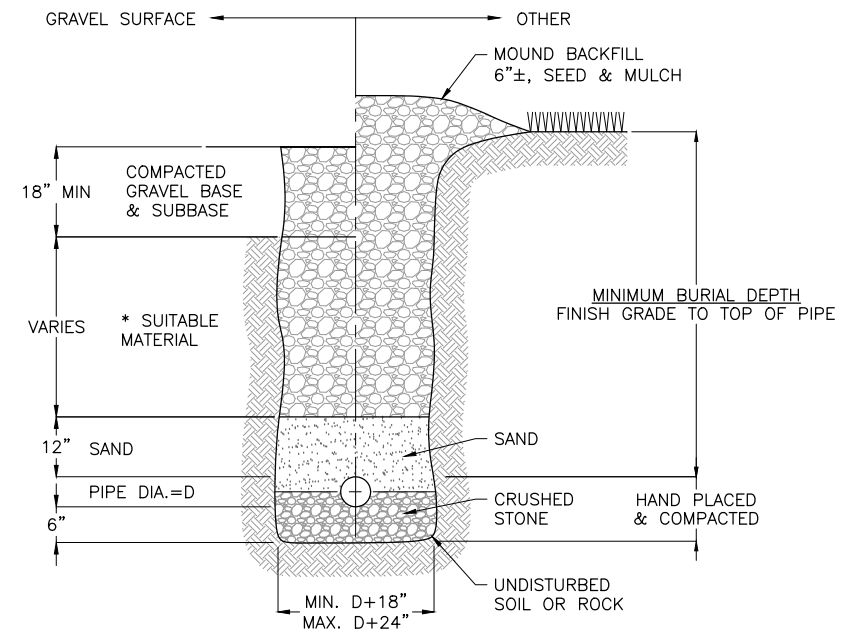
CULVERT OUTLET DETAIL
NOT TO SCALE



TRENCH SECTIONS
NOT TO SCALE



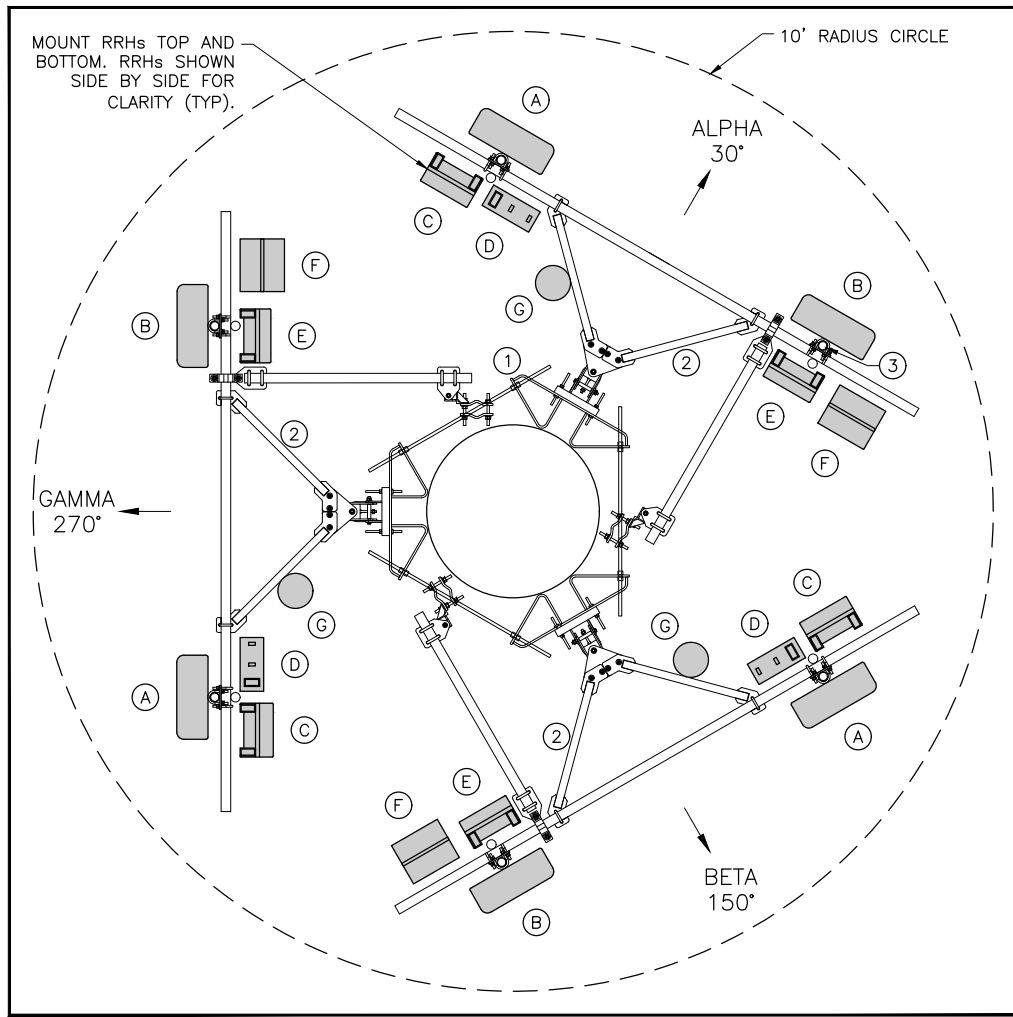
ICE BRIDGE DETAIL
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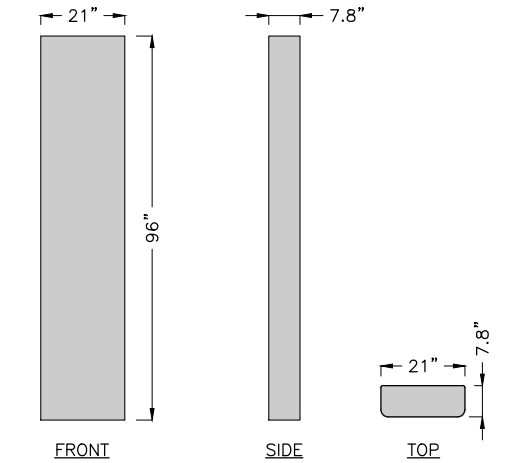
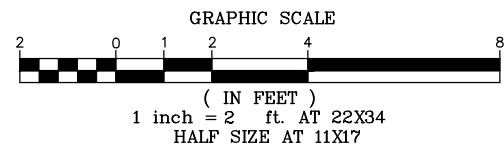
TYPICAL TRENCH DETAIL
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NOTES:

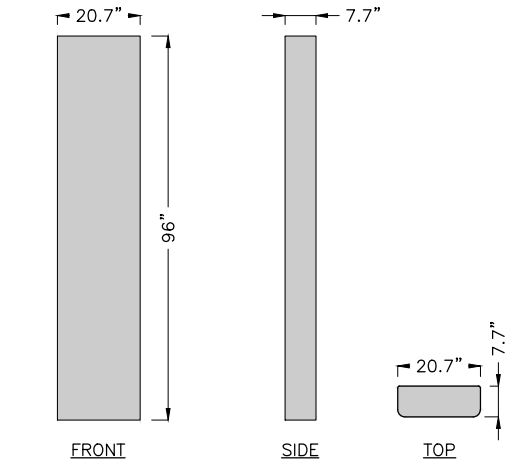
- WHERE BACKFILL IS DESIGNATED "COMPACTED", THIS MEANS 90% TO 95% STANDARD PROCTOR, AASHTO T-99. ALL FILL PLACED BELOW PIPES MUST MEET THIS REQUIREMENT.
- SUITABLE MATERIAL SHALL CONTAIN NO STONES GREATER THAN 4" IN DIAMETER, NO FROZEN LUMPS, AND ONLY MINOR AMOUNTS OF CLAY OR ORGANIC MATERIAL. ALL MATERIAL TO BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED BEFORE PLACING NEXT LIFT.
- SEE ELECTRICAL PLANS FOR QUANTITY OF CONDUITS.



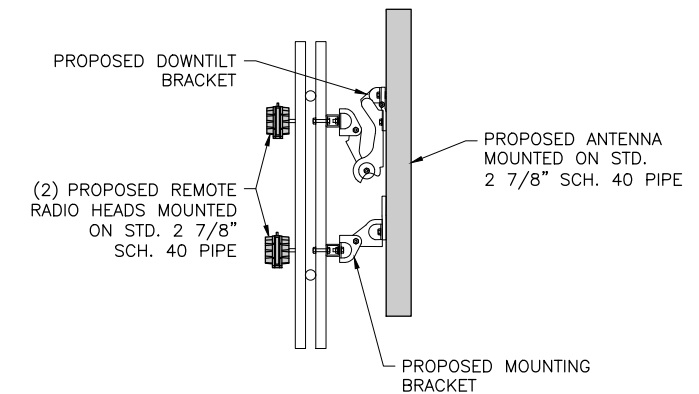
PROPOSED ANTENNA PLAN VIEW



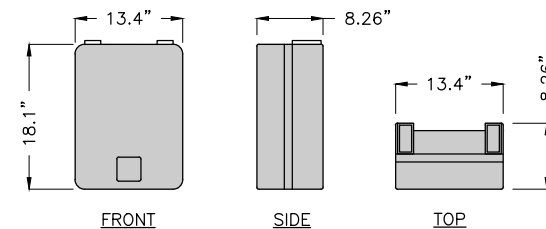
A TPA65R-BU8DA-K PANEL ANTENNA NOT TO SCALE



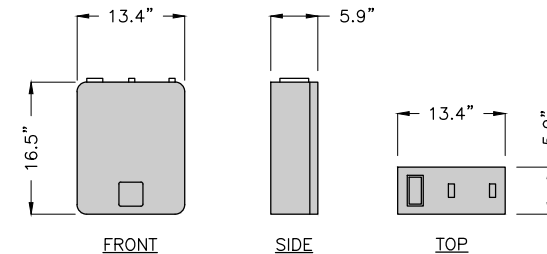
B DMP65R-BU8DA-K PANEL ANTENNA NOT TO SCALE



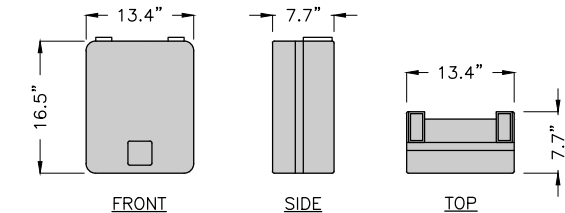
ANTENNA MOUNT DETAIL NO TO SCALE



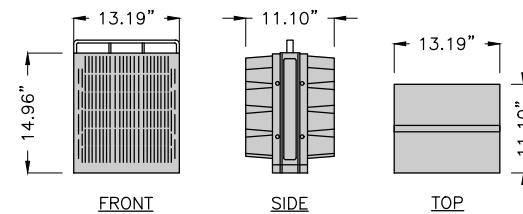
C 4478 B14 RRH UNIT NOT TO SCALE



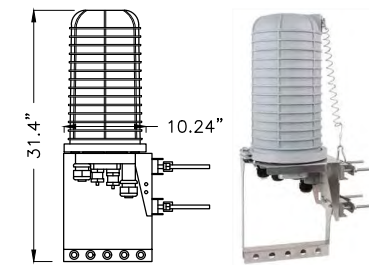
D RRUS 4415 B30 RRH UNIT NOT TO SCALE



E 4478 B5 RRH UNIT NOT TO SCALE



F 8843 RRH UNIT NOT TO SCALE



G DC6-48-60-0-8C SURGE PROTECTOR NOT TO SCALE

ANTENNA FACIAL SURFACE AREA

DESCRIPTION	HEIGHT (in)	WIDTH (in)	SURFACE AREA (sq. ft.)	NUMBER OF UNITS	TOTAL SURFACE AREA (sq. ft.)	EXPOSED SURFACE AREA (sq. ft.)
A ANTENNA: TPA65R-BU8DA-K	96.00	21.00	14.00	3	42.00	42.00
B ANTENNA: DMP65R-BU8DA-K	96.00	20.70	13.80	3	41.40	41.40
C RRH UNIT: 4478 B14	18.10	13.40	1.68	3	5.04	0.00
D RRH UNIT: 4415 B30	16.50	13.40	1.53	3	4.59	0.00
E RRH UNIT: 4478 B5	16.50	13.40	1.53	3	4.59	0.00
F RRH UNIT: 8843 B2/B66A	14.96	13.19	1.37	3	4.11	0.00
G SURGE: DC6-48-60-0-8C	31.40	10.24	2.23	3	6.69	0.00
1 COLLAR MOUNT: SABRE C10-899-050	N/A	N/A	N/A	1	N/A	N/A
2 SECTOR FRAME: SABRE 3C10857001C	N/A	N/A	N/A	3	N/A	N/A
3 PIPE MOUNT: 2 7/8" MAST PIPE	N/A	N/A	N/A	18	N/A	N/A
TOTAL =					83.40	



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				CK'D



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ANTENNA
DETAILS

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JWP	SEPT. 2019
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LJH	425687L1
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LJH	

SHEET NUMBER

C-19

