FINAL PUD PLAN FOR

TROLLEY TO DOLLY

1217 McCARTER HOLLOW ROAD PIGEON FORGE, TENNESSEE

INDEX OF PLANS

SHEET NO.	DESCRIPTION
C - 1	COVER SHEET
C-2	EXISTING SURVEY PLAN
C-3/C-3A	SITE PLAN
$\dot{C}-4$	GRADING & DRAINAGE PLAN
C-5	ROAD PROFILE PLAN
C-6	EROSION & SEDIMENT CONTROL PLAN
C - 7 / 7A	UTILITY PLAN/SEWER PROFILE PLAN
C-8	PLANTING PLAN
C-9	DETAILS

Applewood Rd McCarter Hollow Rd Dollywood Parks Blvd Dollywood Parks Blvd Dollywood Parks Blvd

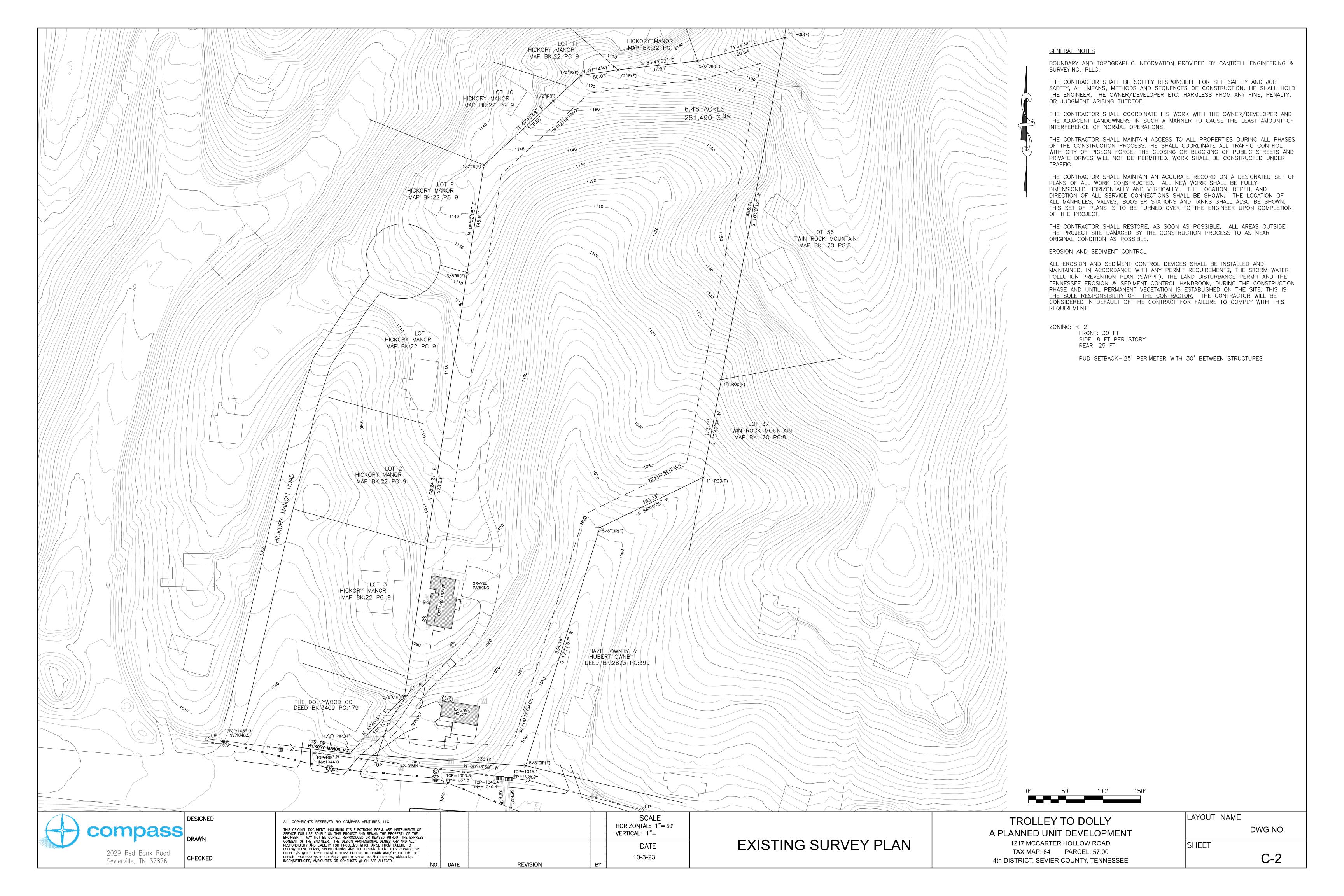
LOCATION MAP

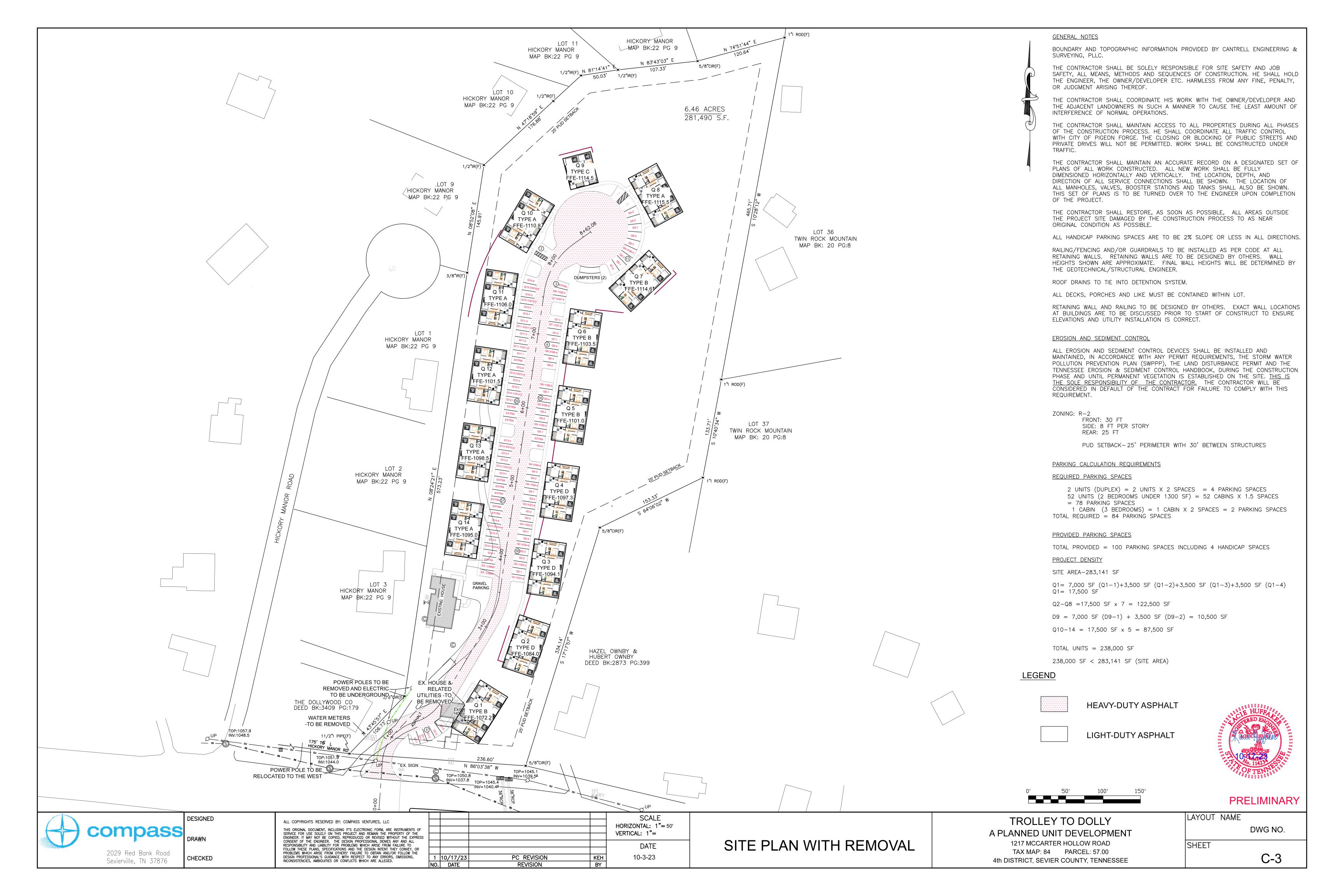
2029 Red Bank Rd., Sevierville, TN 37886

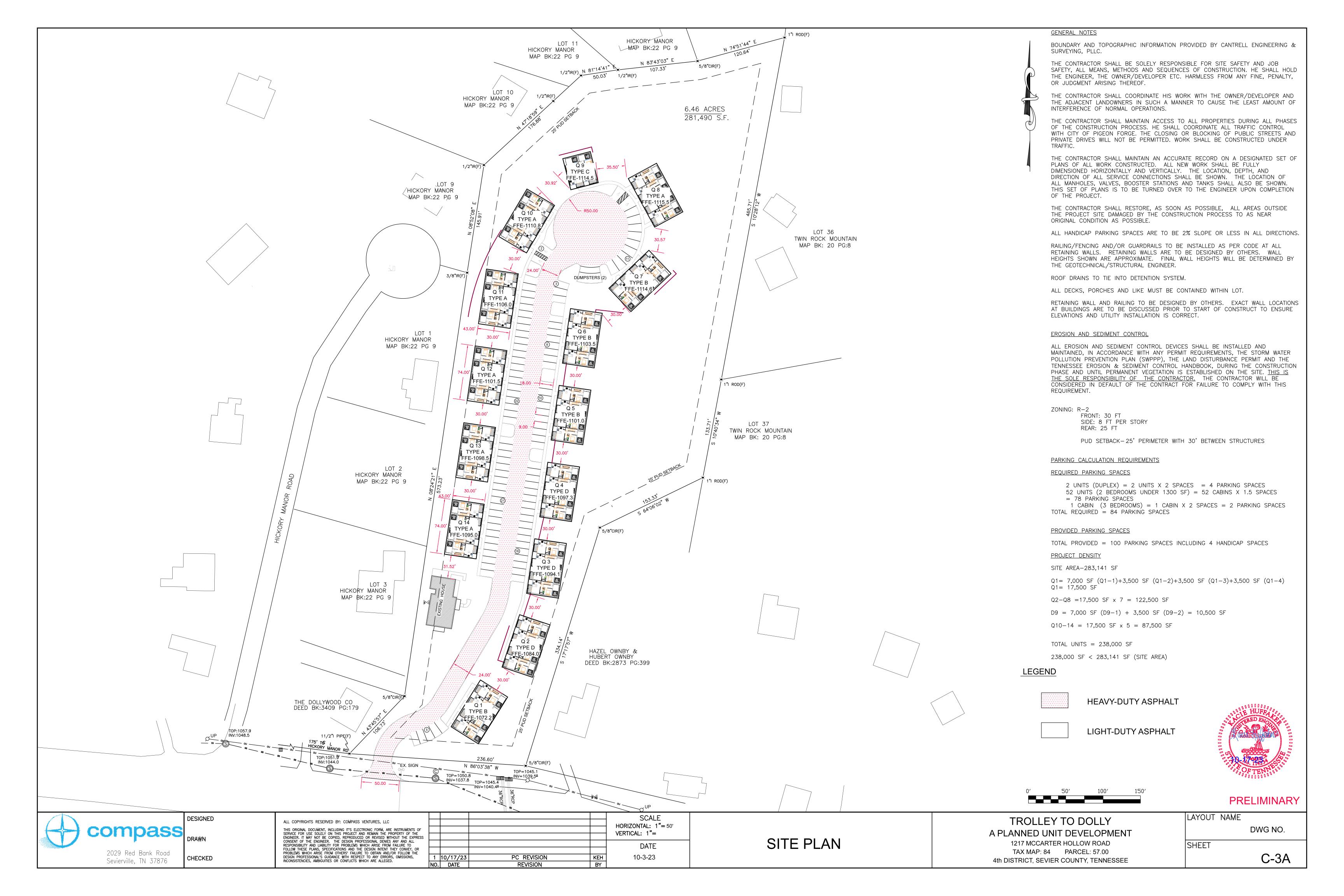
DEVELOPER/OWNER

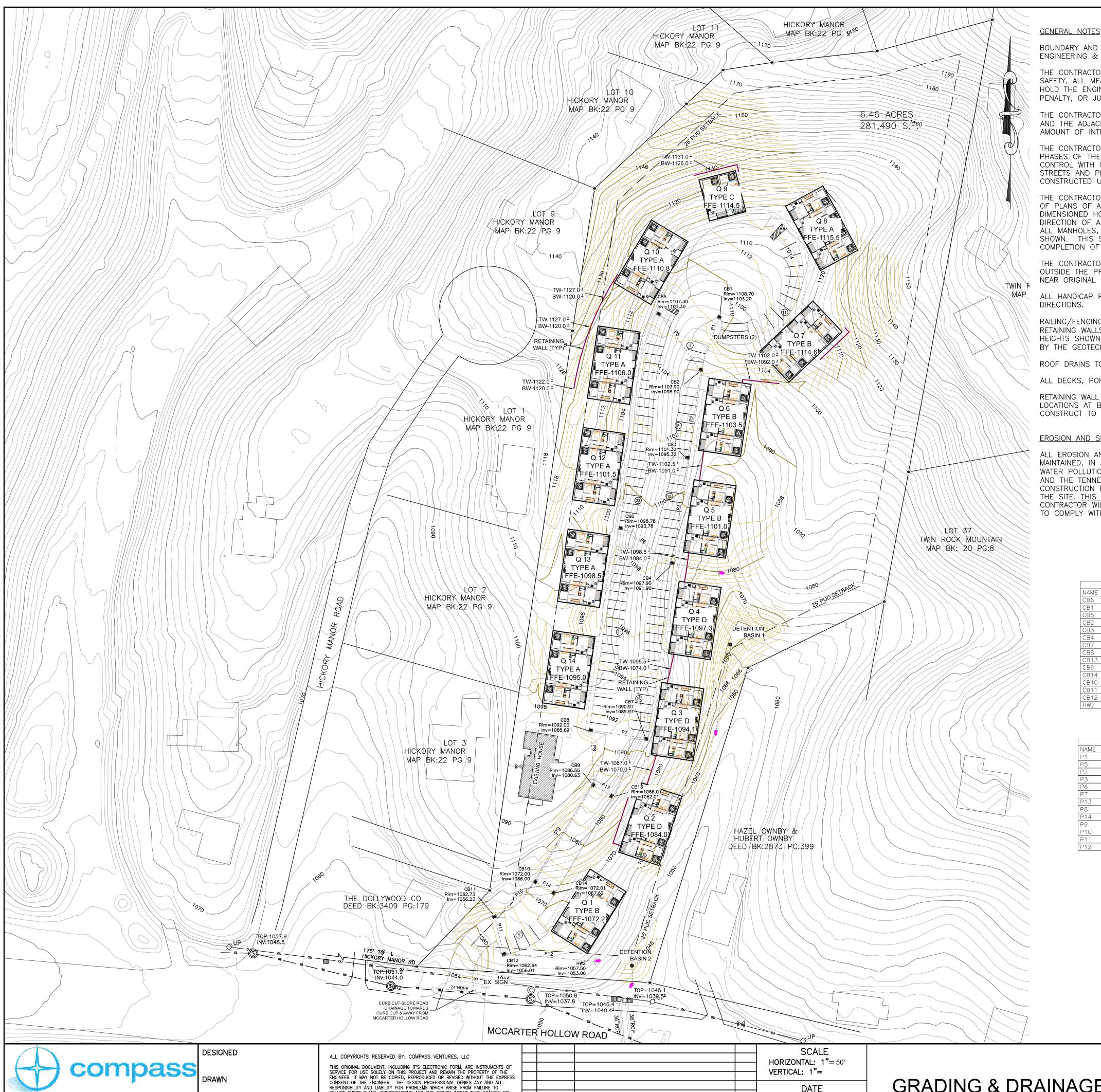
TD2 HOLDINGS LLC & BROKEN TACOMA LLC 1927 INFINITY LANE SEVIERVILLE, TN 37862











BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY CANTRELL ENGINEERING & SURVEYING, PLLC.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY AND JOB SAFETY, ALL MEANS, METHODS AND SEQUENCES OF CONSTRUCTION. HE SHALL HOLD THE ENGINEER, THE OWNER/DEVELOPER ETC. HARMLESS FROM ANY FINE, PENALTY, OR JUDGMENT ARISING THEREOF.

THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER/DEVELOPER AND THE ADJACENT LANDOWNERS IN SUCH A MANNER TO CAUSE THE LEAST AMOUNT OF INTERFERENCE OF NORMAL OPERATIONS.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING ALL PHASES OF THE CONSTRUCTION PROCESS. HE SHALL COORDINATE ALL TRAFFIC CONTROL WITH CITY OF PIGEON FORGE. THE CLOSING OR BLOCKING OF PUBLIC STREETS AND PRIVATE DRIVES WILL NOT BE PERMITTED. WORK SHALL BE CONSTRUCTED UNDER TRAFFIC.

THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD ON A DESIGNATED SET OF PLANS OF ALL WORK CONSTRUCTED. ALL NEW WORK SHALL BE FULLY DIMENSIONED HORIZONTALLY AND VERTICALLY. THE LOCATION, DEPTH, AND DIRECTION OF ALL SERVICE CONNECTIONS SHALL BE SHOWN. THE LOCATION OF TOTAL PROVIDED = 100 PARKING SPACES INCLUDING 4 HANDICAP SPACES ALL MANHOLES, VALVES, BOOSTER STATIONS AND TANKS SHALL ALSO BE SHOWN. THIS SET OF PLANS IS TO BE TURNED OVER TO THE ENGINEER UPON PROJECT DENSITY COMPLETION OF THE PROJECT.

THE CONTRACTOR SHALL RESTORE, AS SOON AS POSSIBLE, ALL AREAS NEAR ORIGINAL CONDITION AS POSSIBLE.

ALL HANDICAP PARKING SPACES ARE TO BE 2% SLOPE OR LESS IN ALL

RAILING/FENCING AND/OR GUARDRAILS TO BE INSTALLED AS PER CODE AT ALL RETAINING WALLS. RETAINING WALLS ARE TO BE DESIGNED BY OTHERS. WALL Q10-14 = 17,500 SF \times 5 = 87,500 SF HEIGHTS SHOWN ARE APPROXIMATE. FINAL WALL HEIGHTS WILL BE DETERMINED BY THE GEOTECHNICAL/STRUCTURAL ENGINEER DURING WALL DESIGN.

ROOF DRAINS TO TIE INTO DETENTION SYSTEM.

ALL DECKS, PORCHES AND LIKE MUST BE CONTAINED WITHIN LOT.

RETAINING WALL AND RAILING TO BE DESIGNED BY OTHERS. EXACT WALL LOCATIONS AT BUILDINGS ARE TO BE DISCUSSED PRIOR TO START OF CONSTRUCT TO ENSURE ELEVATIONS AND UTILITY INSTALLATION IS CORRECT.

EROSION AND SEDIMENT CONTROL

ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED, IN ACCORDANCE WITH ANY PERMIT REQUIREMENTS, THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE LAND DISTURBANCE PERMIT AND THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK, DURING THE CONSTRUCTION PHASE AND UNTIL PERMANENT VEGETATION IS ESTABLISHED ON THE SITE. THIS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE CONSIDERED IN DEFAULT OF THE CONTRACT FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.

ZONING: R-2

FRONT: 30 FT SIDE: 8 FT PER STORY REAR: 25 FT

PUD SETBACK-25' PERIMETER WITH 30' BETWEEN STRUCTURES

PARKING CALCULATION REQUIREMENTS

REQUIRED PARKING SPACES

2 UNITS (DUPLEX) = 2 UNITS X 2 SPACES = 4 PARKING SPACES 52 UNITS (2 BEDROOMS UNDER 1300 SF) = 52 CABINS X 1.5 SPACES = 78 PARKING SPACES

1 CABIN (3 BEDROOMS) = 1 CABIN X 2 SPACES = 2 PARKING SPACES TOTAL REQUIRED = 84 PARKING SPACES

PROVIDED PARKING SPACES

SITE AREA-283,141 SF

OUTSIDE THE PROJECT SITE DAMAGED BY THE CONSTRUCTION PROCESS TO AS Q1 = 7,000 SF (Q1-1)+3,500 SF (Q1-2)+3,500 SF (Q1-3)+3,500 SF (Q1-4)Q1 = 17,500 SF

 $Q2-Q8 = 17,500 \text{ SF } \times 7 = 122,500 \text{ SF}$

D9 = 7,000 SF (D9-1) + 3,500 SF (D9-2) = 10,500 SF

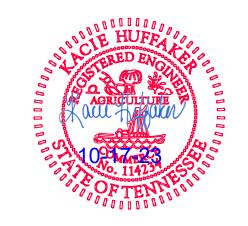
TOTAL UNITS = 238,000 SF

238,000 SF < 283,141 SF (SITE AREA)

			CWCI NCCWOIN TODIC			
RIM ELEV(FT)	BASE ELEV(FT)	INVERT-IN ELEV(FT)	(NY)ERT-IN ELEV(FT)	(N2V)ERT-OUT ELEV(FT)	TYPE	STRUCTURE ID
1098.78	1093.78	N/A	N/A	1093.78	Box Structure	Box1
1108.70	1103.20	N/A	N/A	1103.20	Box Structure	Box1
1107.30	1101.30	N/A	N/A	1101.30	Box Structure	Box1
1103.90	1098.90	1098.90	1098.90	1098.90	Box Structure	Box1
1101.32	1095.32	1095.82	N/A	1095.32	Box Structure	Box1
1097.90	1091.90	1091.90	1092.40	N/A	Box Structure	Box1
1090.97	1085.97	N/A	N/A	1085.97	Box Structure	Box1
1092.00	1085.69	1085.69	N/A	1085.69	Box Structure	Box1
1086.01	1082.01	N/A	N/A	1082.01	Box Structure	Box1
1086.56	1080.63	1081.89	1080.63	1080.63	Box Structure	Box1
1072.01	1067.62	N/A	N/A	1067.62	Box Structure	Box1
1072.00	1066.00	1067.50	1066.00	1066.00	Box Structure	Box1
1062.73	1056.23	1056.73	N/A	1056.23	Box Structure	Box1
1062.64	1056.01	1056.01	N/A	1056.01	Box Structure	Box1
1057.50	1053.00	1053.00	N/A	N/A	Outfall	Outfall-Wall1
	1098.78 1108.70 1107.30 1107.30 1103.90 1101.32 1097.90 1090.97 1092.00 1086.01 1086.56 1072.01 1072.00 1062.73 1062.64	1098.78 1093.78 1108.70 1103.20 1107.30 1101.30 1103.90 1098.90 1101.32 1095.32 1097.90 1091.90 1090.97 1085.97 1092.00 1085.69 1086.01 1082.01 1086.56 1080.63 1072.01 1067.62 1072.00 1066.00 1062.64 1056.01	1098.78 1093.78 N/A 1108.70 1103.20 N/A 1107.30 1101.30 N/A 1103.90 1098.90 1098.90 1101.32 1095.32 1095.82 1097.90 1091.90 1091.90 1090.97 1085.97 N/A 1092.00 1085.69 1085.69 1086.01 1082.01 N/A 1072.01 1067.62 N/A 1072.00 1066.00 1067.50 1062.73 1056.23 1056.73 1062.64 1056.01 1056.01	1098.78 1093.78 N/A N/A 1108.70 1103.20 N/A N/A 1107.30 1101.30 N/A N/A 1103.90 1098.90 1098.90 1098.90 1101.32 1095.32 1095.82 N/A 1097.90 1091.90 1092.40 1090.97 1085.97 N/A N/A 1092.00 1085.69 1085.69 N/A 1086.01 1082.01 N/A N/A 1086.56 1080.63 1081.89 1080.63 1072.01 1067.62 N/A N/A 1072.00 1066.00 1067.50 1066.00 1062.73 1056.23 1056.73 N/A 1062.64 1056.01 1056.01 N/A	1098.78 1093.78 N/A N/A 1093.78 1108.70 1103.20 N/A N/A 1103.20 1107.30 1101.30 N/A N/A 1101.30 1103.90 1098.90 1098.90 1098.90 1098.90 1101.32 1095.32 1095.82 N/A 1095.32 1097.90 1091.90 1092.40 N/A 1090.97 1085.97 N/A N/A 1085.97 1092.00 1085.69 1085.69 N/A 1085.69 1086.01 1082.01 N/A N/A 1082.01 1086.56 1080.63 1081.89 1080.63 1080.63 1072.01 1067.62 N/A N/A 1067.62 1072.00 1066.00 1067.50 1066.00 1066.00 1062.73 1056.23 1056.73 N/A 1056.01 1062.64 1056.01 1056.01 N/A 1056.01	1098.78 1093.78 N/A N/A 1093.78 Box Structure 1108.70 1103.20 N/A N/A 1103.20 Box Structure 1107.30 1101.30 N/A N/A 1101.30 Box Structure 1103.90 1098.90 1098.90 1098.90 Box Structure 1101.32 1095.32 1095.82 N/A 1095.32 Box Structure 1097.90 1091.90 1091.90 1092.40 N/A Box Structure 1090.97 1085.97 N/A N/A 1085.97 Box Structure 1092.00 1085.69 1085.69 N/A 1085.69 Box Structure 1086.01 1082.01 N/A N/A 1082.01 Box Structure 1072.01 1067.62 N/A N/A 1067.62 Box Structure 1072.00 1066.00 1067.50 1066.00 1066.00 Box Structure 1062.73 1056.23 1056.73 N/A 1056.23 Box Structure 1062.64

Sewer Network Table

				Sewer Network Table	е				
NAME	UP STRUCTURE	DN STRUCTURE	UP INVERT (FT)	DOWN INVERT (FT)	LENGTH (FT)	SLOPE (%)	MATERIAL	SIZE (IN)	TYPE
P1	CB1	CB2	1103.20	1098.90	56.28	7.647	HDPE	18.0	18"HDPE
P5	CB5	CB2	1101.30	1098.90	71.33	3.365	HDPE	18.0	18"HDPE
P2	CB2	CB3	1098.90	1095.82	90.50	3.407	HDPE	18.0	18"HDPE
P3	CB3	CB4	1095.32	1091.90	107.52	3.178	HDPE	24.0	24"HDPE
P6	CB6	CB4	1093.78	1092.40	63.28	2.180	HDPE	18.0	18"HDPE
P7	CB7	CB8	1085.97	1085.69	57.01	0.500	HDPE	18.0	18"HDPE
P13	CB13	CB9	1082.01	1081.89	24.46	0.500	HDPE	18.0	18"HDPE
P8	CB8	CB9	1085.69	1080.63	53.69	9.417	HDPE	18.0	18"HDPE
P14	CB14	CB10	1067.62	1067.50	23.50	0.500	HDPE	18.0	18"HDPE
P9	CB9	CB10	1080.63	1066.00	114.33	12.797	HDPE	18.0	18"HDPE
P10	CB10	CB11	1066.00	1056.73	53.64	17.289	HDPE	18.0	18"HDPE
P11	CB11	CB12	1056.23	1056.01	42.46	0.500	HDPE	24.0	24"HDPE
P12	CB12	HW2	1056.01	1053.00	90.95	3.313	HDPE	24.0	24"HDPE





PRELIMINARY

2029 Red Bank Road

Sevierville, TN 37876

CHECKED

FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

PC REVISION 10-3-23 NO. DATE REVISION

GRADING & DRAINAGE PLAN

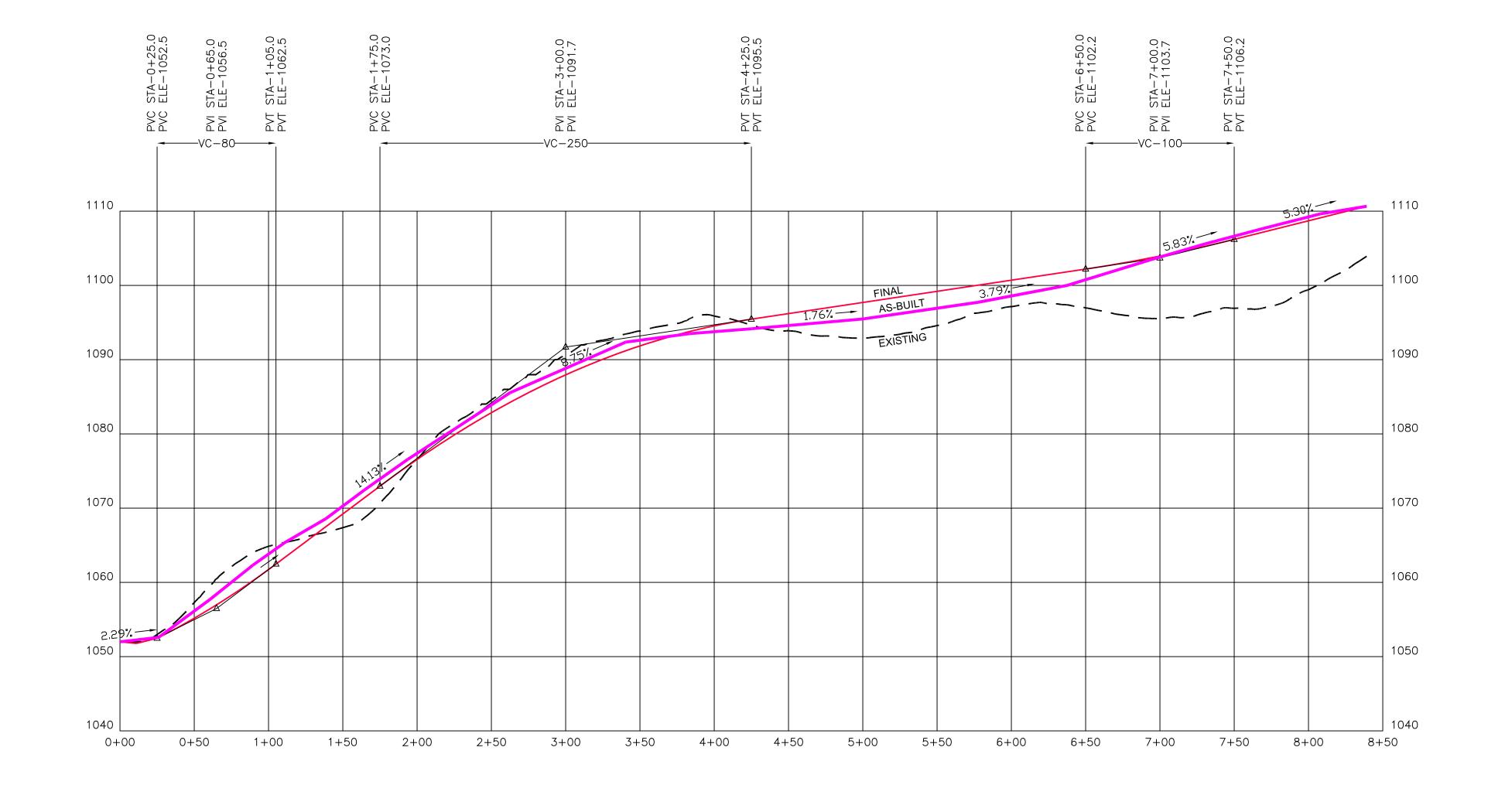
TROLLEY TO DOLLY A PLANNED UNIT DEVELOPMENT 1217 MCCARTER HOLLOW ROAD

TAX MAP: 84 PARCEL: 57.00 4th DISTRICT, SEVIER COUNTY, TENNESSEE LAYOUT NAME DWG NO.

SHEET

C-4







PRELIMINARY

COMPASS
DF

2029 Red Bank Road
Sevierville, TN 37876

CH

DESIGNED

ALL COPYRIGHTS

THIS ORIGINAL DOC SERVICE FOR USE ENGINEER. IT MAY CONSENT OF THE I RESPONSIBILITY ANI FOLLOW THESE PLA PROBLEMS WHICH DESIGN PROFESSIOI INCONSISTENCIES, A

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC

THIS ORIGINAL DOCUMENT, INCLUDING IT'S ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

				SCALE HORIZONTAL: 1"= 50'
				VERTICAL: 1"= 10'
				DATE
2	10/23/23	ADDED AS-BUILT INFO	KEH	
1	10/17/23	PC REVISION	KEH	10-3-23
NO.	DATE	REVISION	BY	

ROAD PROFILE PLAN

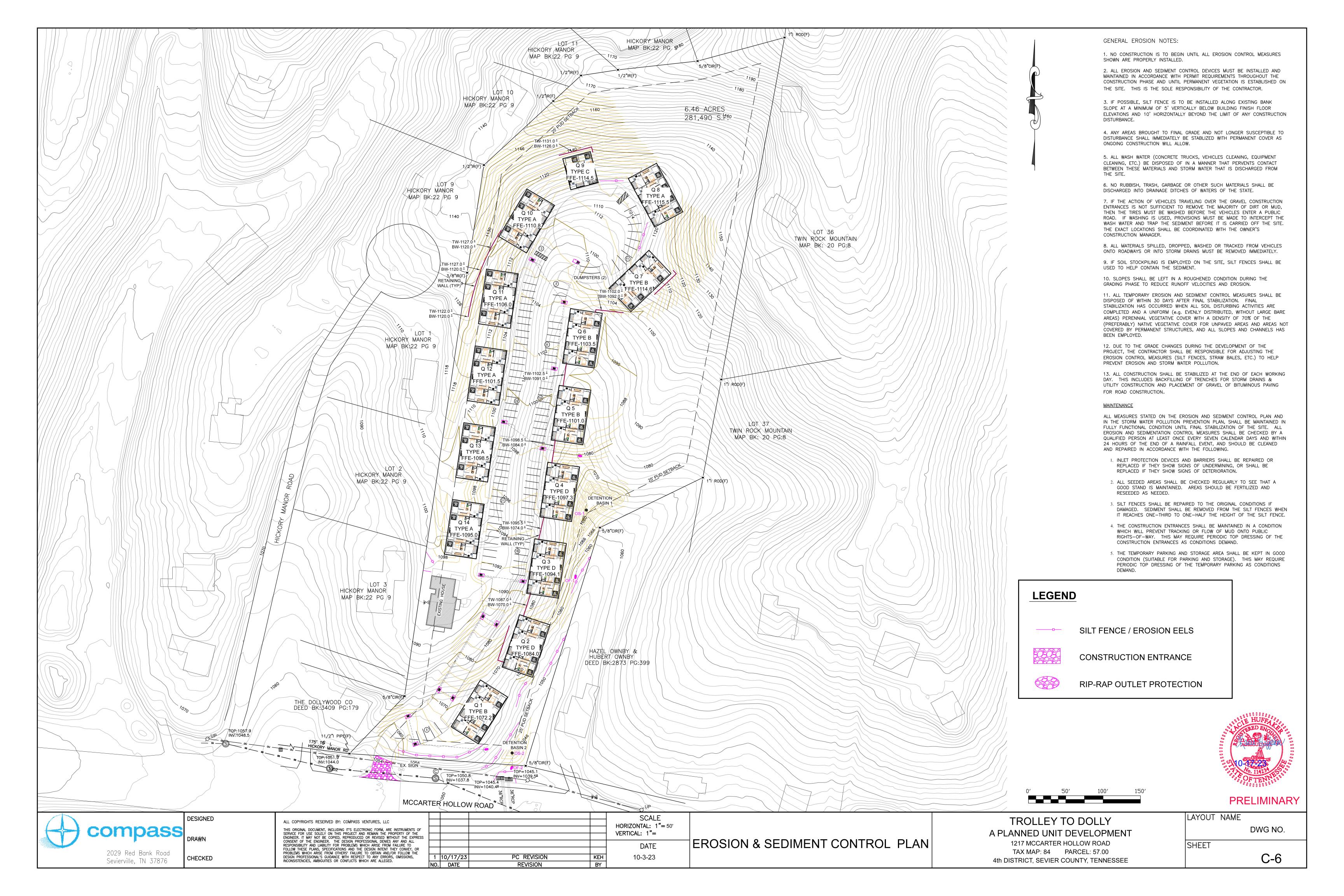
TROLLEY TO DOLLY
A PLANNED UNIT DEVELOPMENT
1217 MCCARTER HOLLOW ROAD
TAX MAP: 84 PARCEL: 57.00
4th DISTRICT, SEVIER COUNTY, TENNESSEE

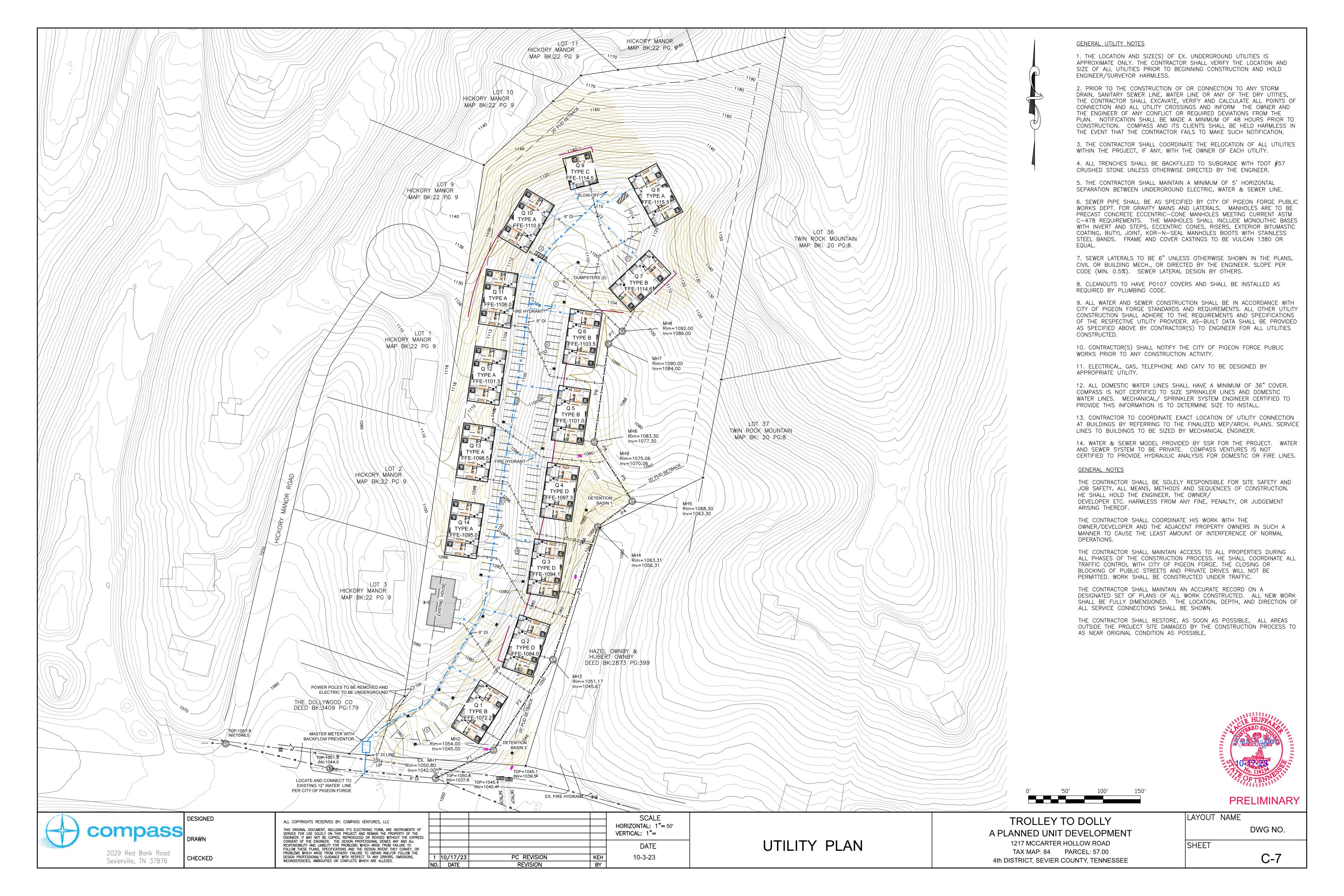
LAYOUT NAME

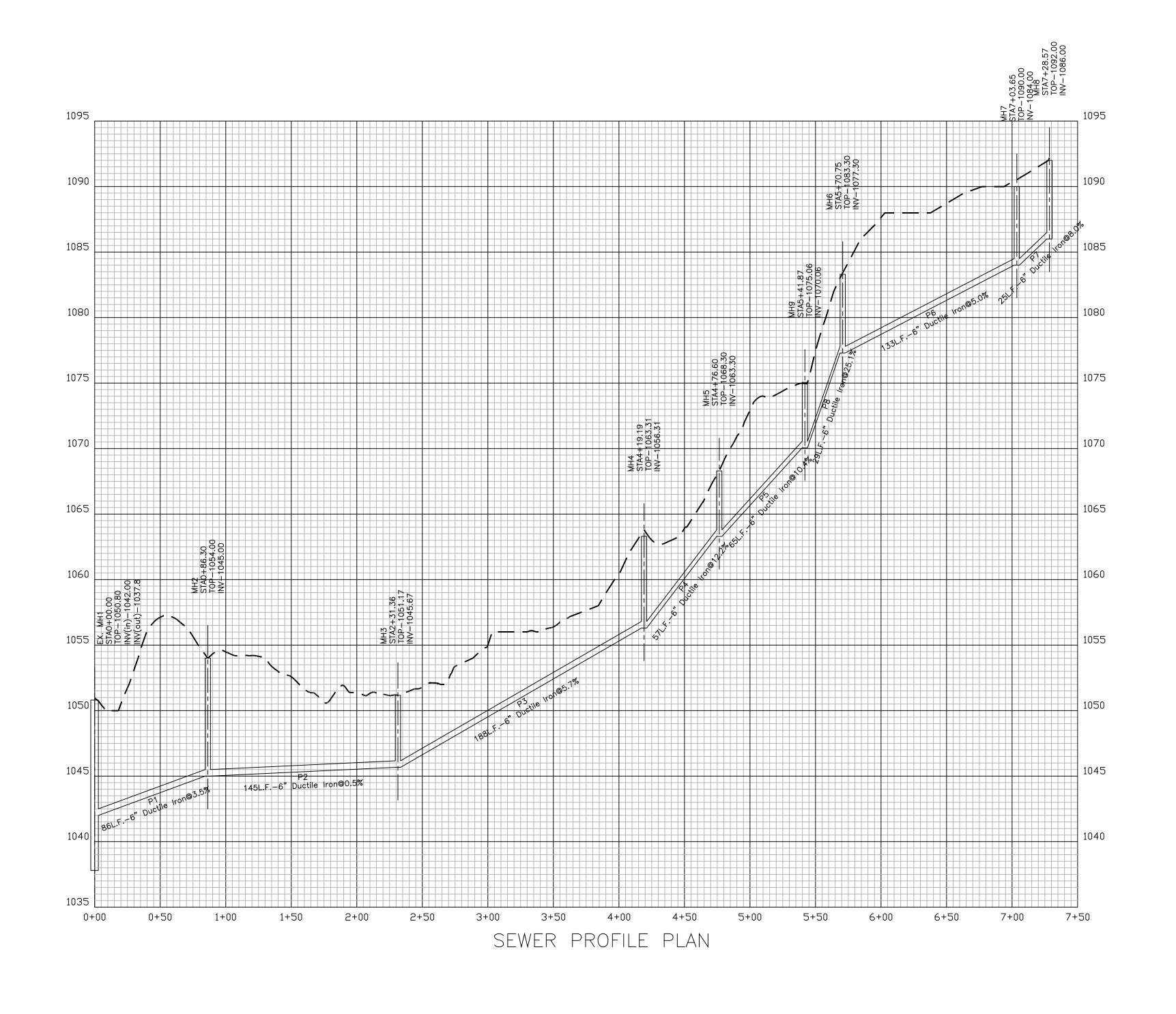
DWG NO.

SHEET

C-5









COMPASS
DRAWN

2029 Red Bank Road
Sevierville, TN 37876

CHECKED

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC

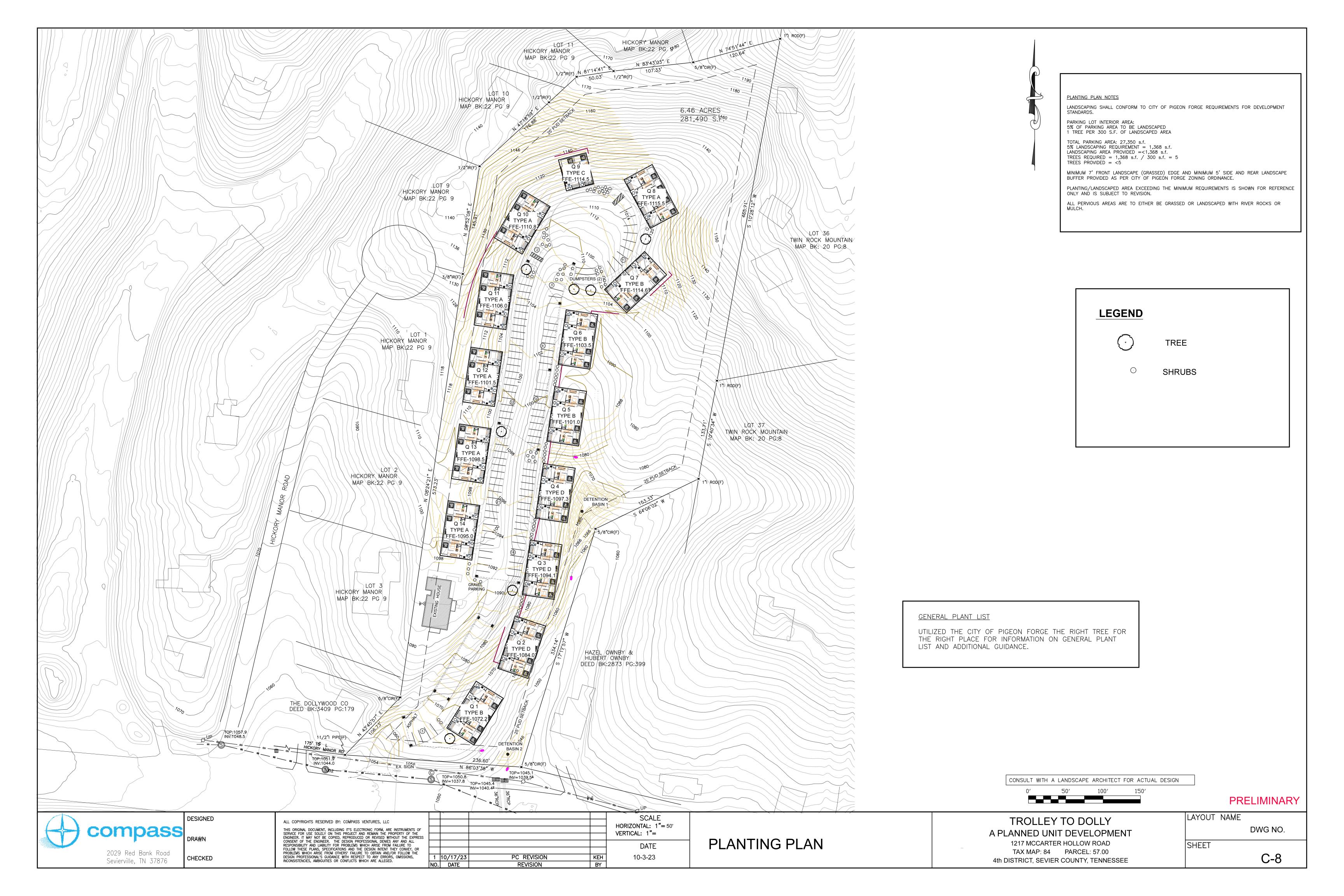
THIS ORIGINAL DOCUMENT, INCLUDING IT'S ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

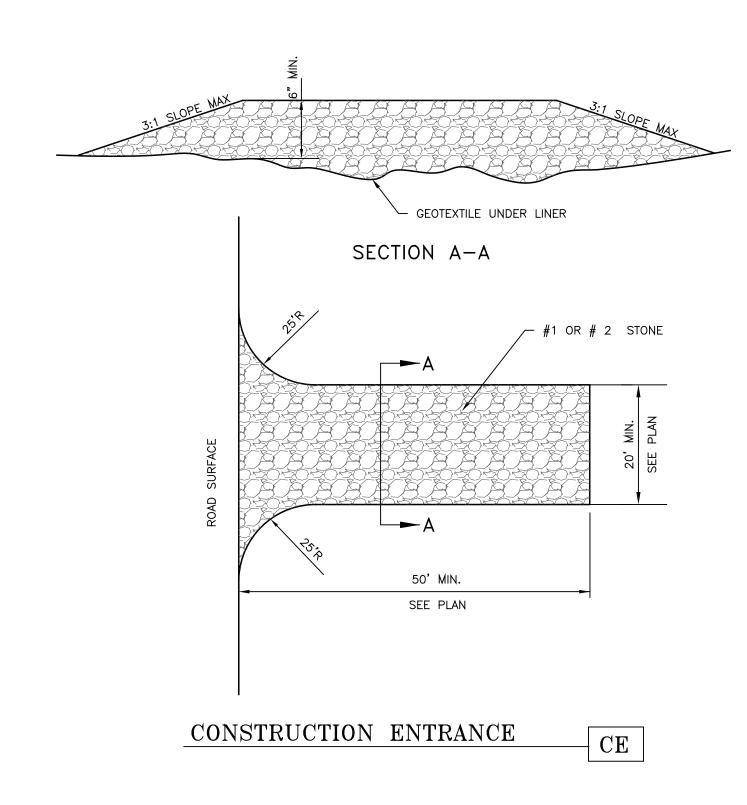
TROLLEY TO DOLLY
A PLANNED UNIT DEVELOPMENT

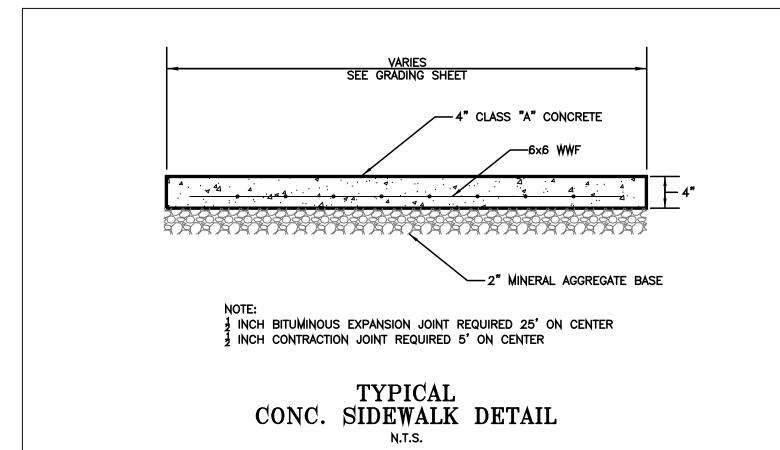
1217 MCCARTER HOLLOW ROAD
TAX MAP: 84 PARCEL: 57.00
4th DISTRICT, SEVIER COUNTY, TENNESSEE

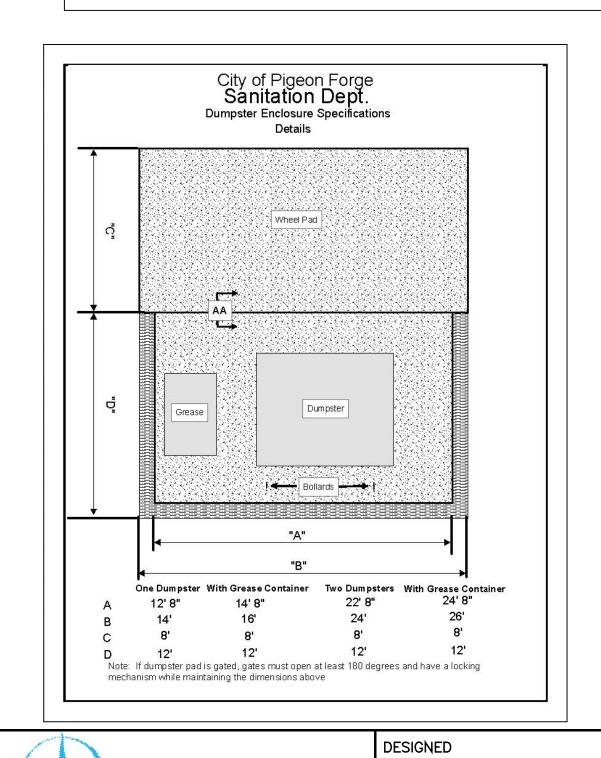
LAYOUT NAME
DWG NO.

SHEET C-7A





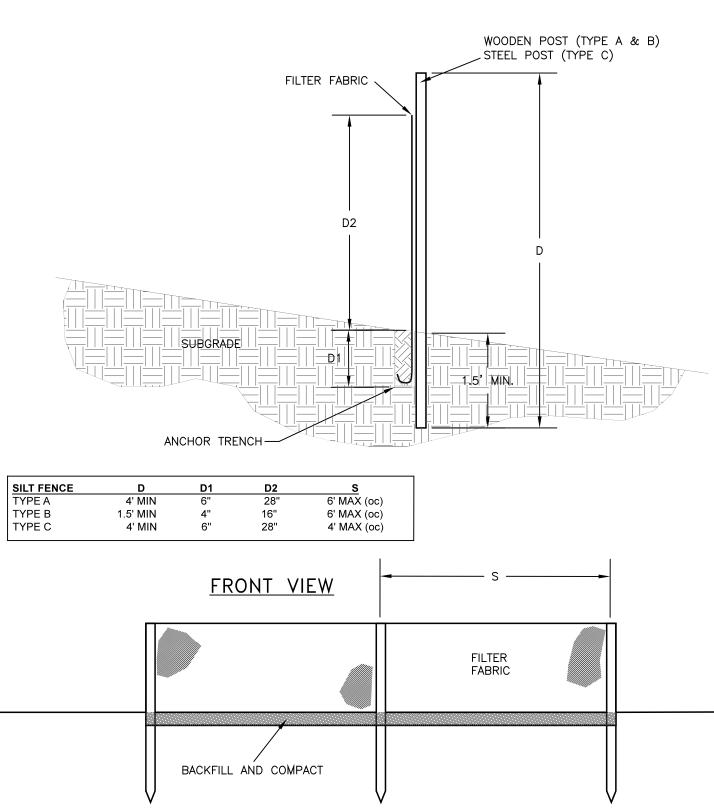




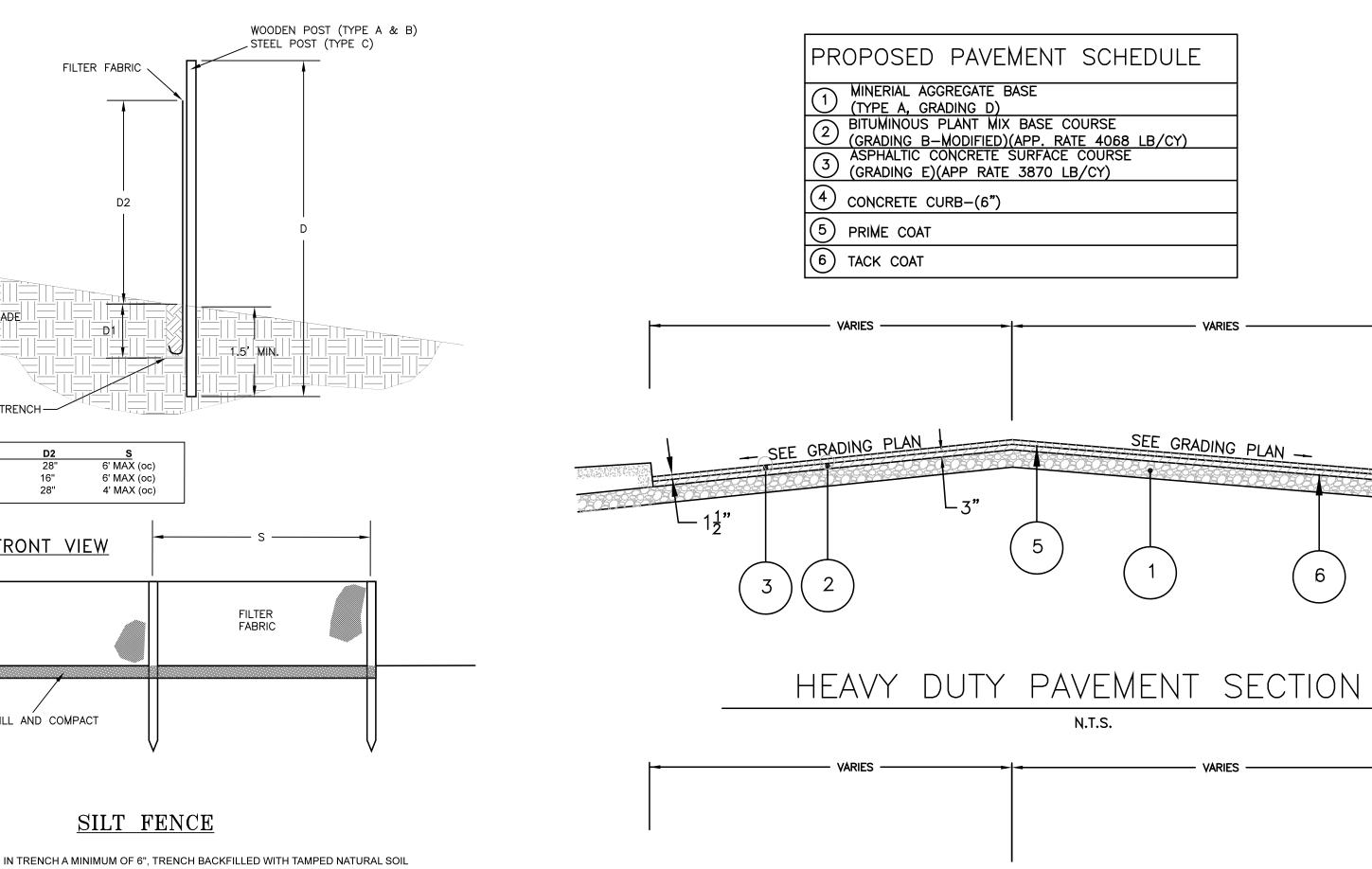
compass

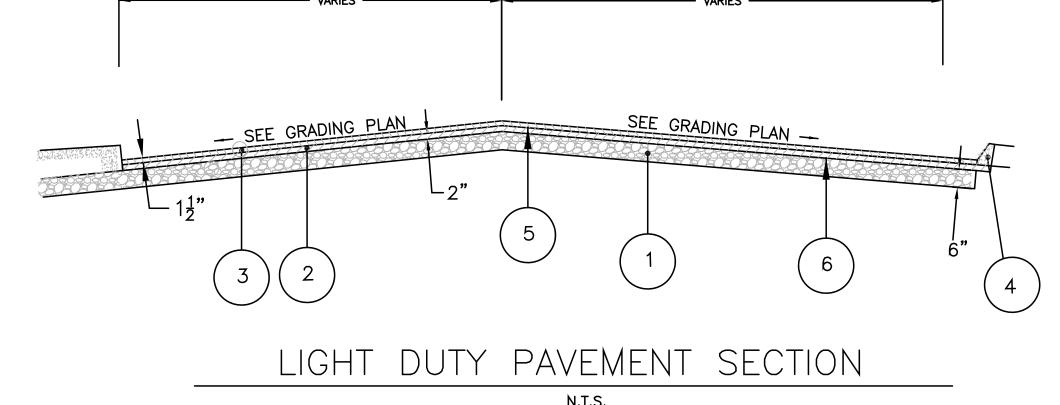
2029 Red Bank Road Sevierville, TN 37876

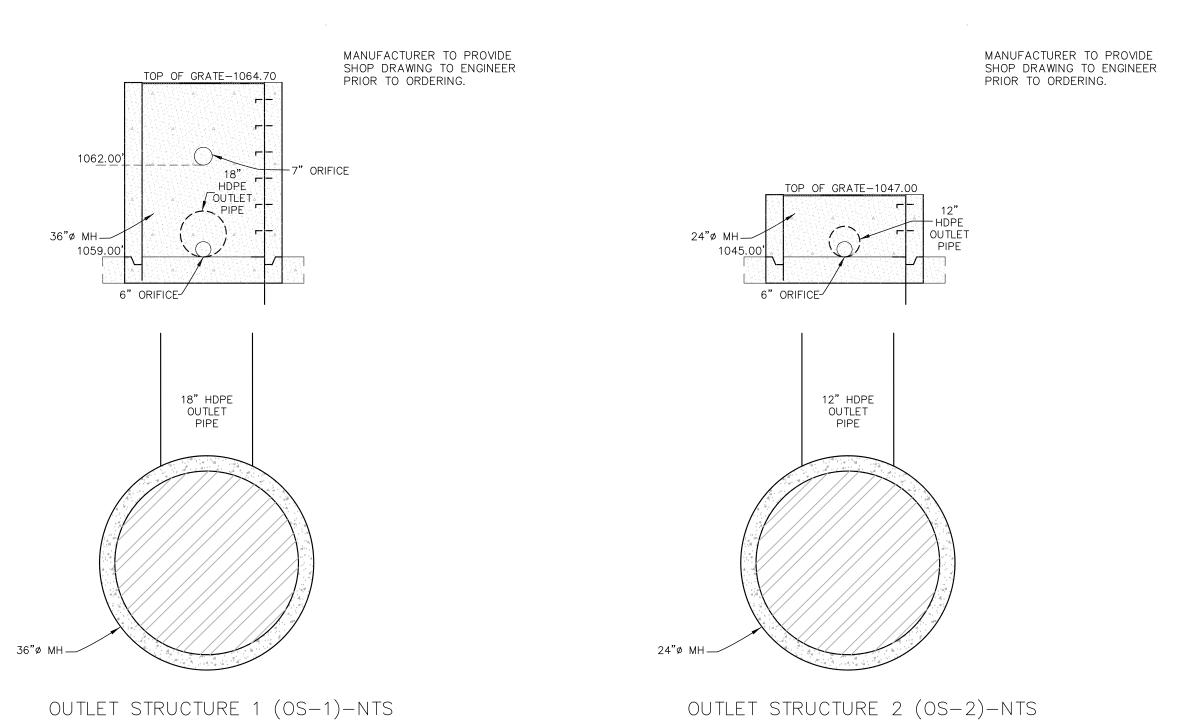
CHECKED

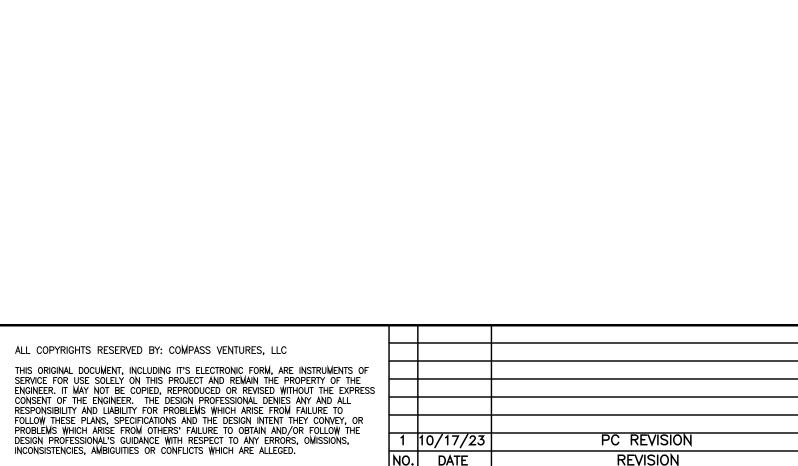


1. FILTER FABRIC ANCHORED IN TRENCH A MINIMUM OF 6", TRENCH BACKFILLED WITH TAMPED NATURAL SOIL
2. DEPENDING UPON CONFIGURATION, ATTACH FILTER FABRIC TO STEEL POST WITH TIE WIRES OR WOOD POSTS WITH STAPLES 3. SEE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK FOR SPECIFICATIONS OF FILTER FABRIC.









SCALE HORIZONTAL: 1"= N/A VERTICAL: 1"= DATE PC REVISION 10-3-23 1 10/17/23 NO. DATE REVISION

TROLLEY TO DOLLY A PLANNED UNIT DEVELOPMENT 1217 MCCARTER HOLLOW ROAD TAX MAP: 84 PARCEL: 57.00

4th DISTRICT, SEVIER COUNTY, TENNESSEE

PRELIMINARY LAYOUT NAME DWG NO. SHEET C-9

DETAILS