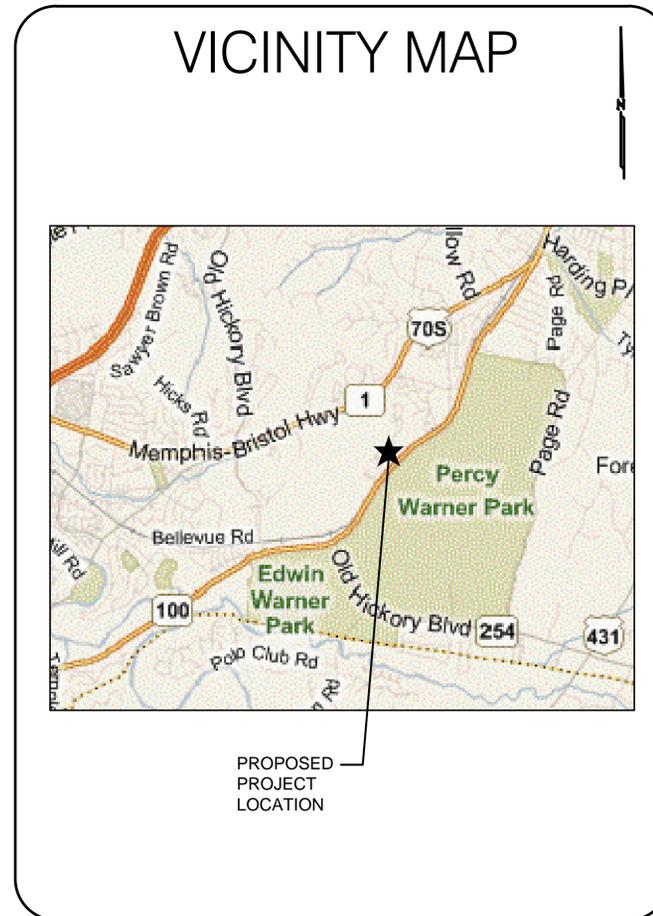
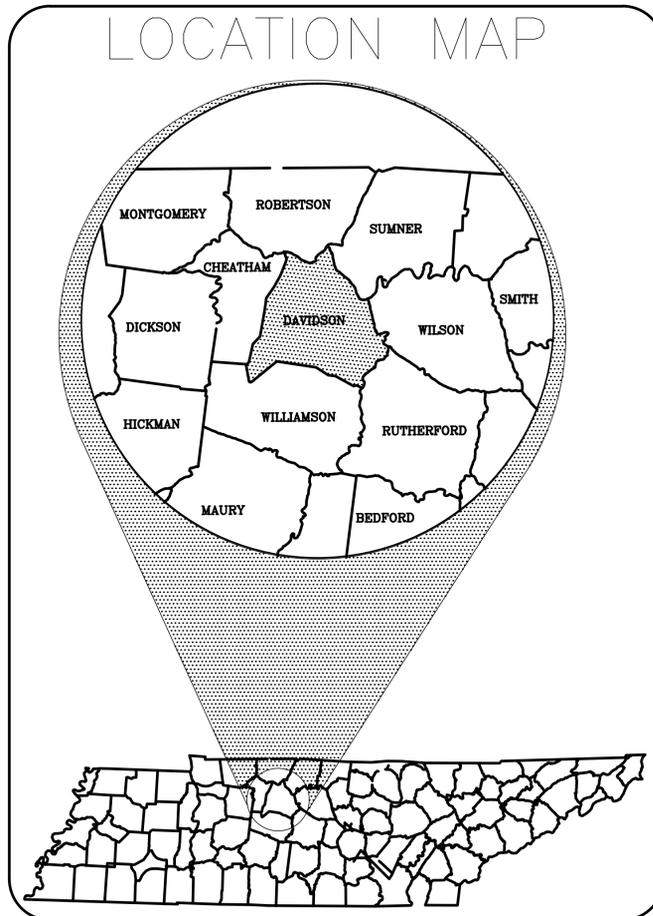
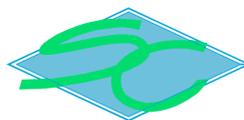


PROPOSED REPAIRS PLAN PHASE 4 FOR HARPETH TRACE ESTATES HARPETH TRACE DRIVE NASHVILLE, TENNESSEE



SHEET INDEX	
SHEET	DESCRIPTION
C1.0	TITLE SHEET
C1.1	EXISTING SITE CONDITIONS - NORTH
C1.2	EXISTING SITE CONDITIONS - SOUTH
C2.1	PROPOSED REPAIRS -NORTH
C2.2	PROPOSED REPAIRS -SOUTH
C3.1	STREET DETAIL
C3.2	STREET DETAIL
C3.3	STREET DETAIL
C3.4	STREET DETAIL
C3.5	STREET DETAIL
C3.6	STREET DETAIL
C3.7	STREET DETAIL
C3.8	STREET DETAIL
C3.9	STREET DETAIL
C3.10	STREET DETAIL
C4.0	DETAILS & NOTES
C4.1	DETAILS & NOTES

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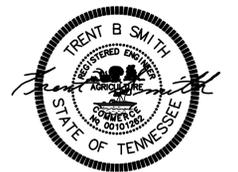


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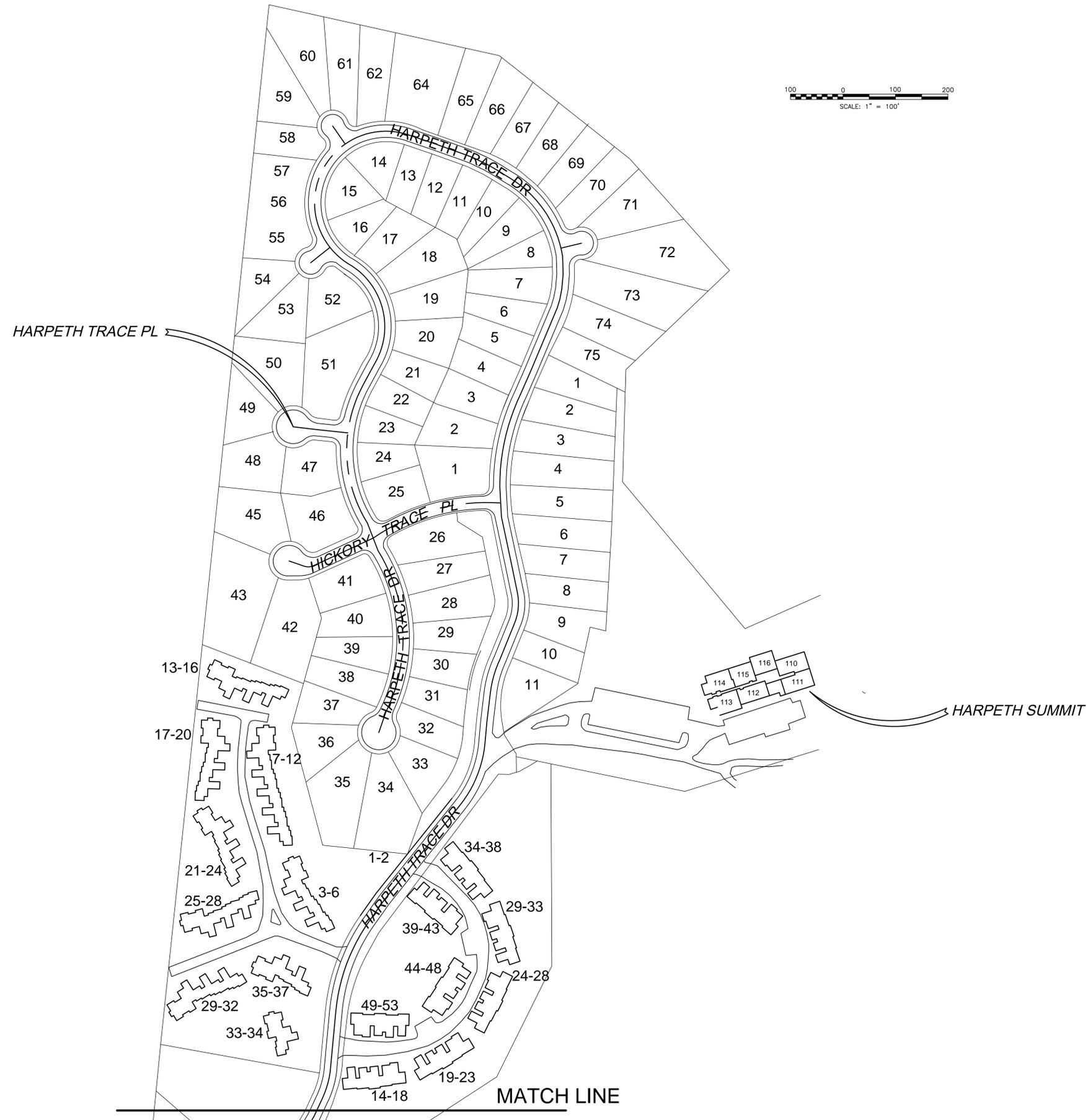
1208 HIGHWAY 47E
DICKSON, TN 37055
(615) 740-8777

PREPARED FOR:
HARPETH TRACE SERVICES ASSOCIATION
HARPETH TRACE DRIVE
NASHVILLE, TN 37221

PLAN No.:
DATE: 01/05/22



SHEET C1.1 EXISTING SITE CONDITIONS - NORTH



REVISIONS:

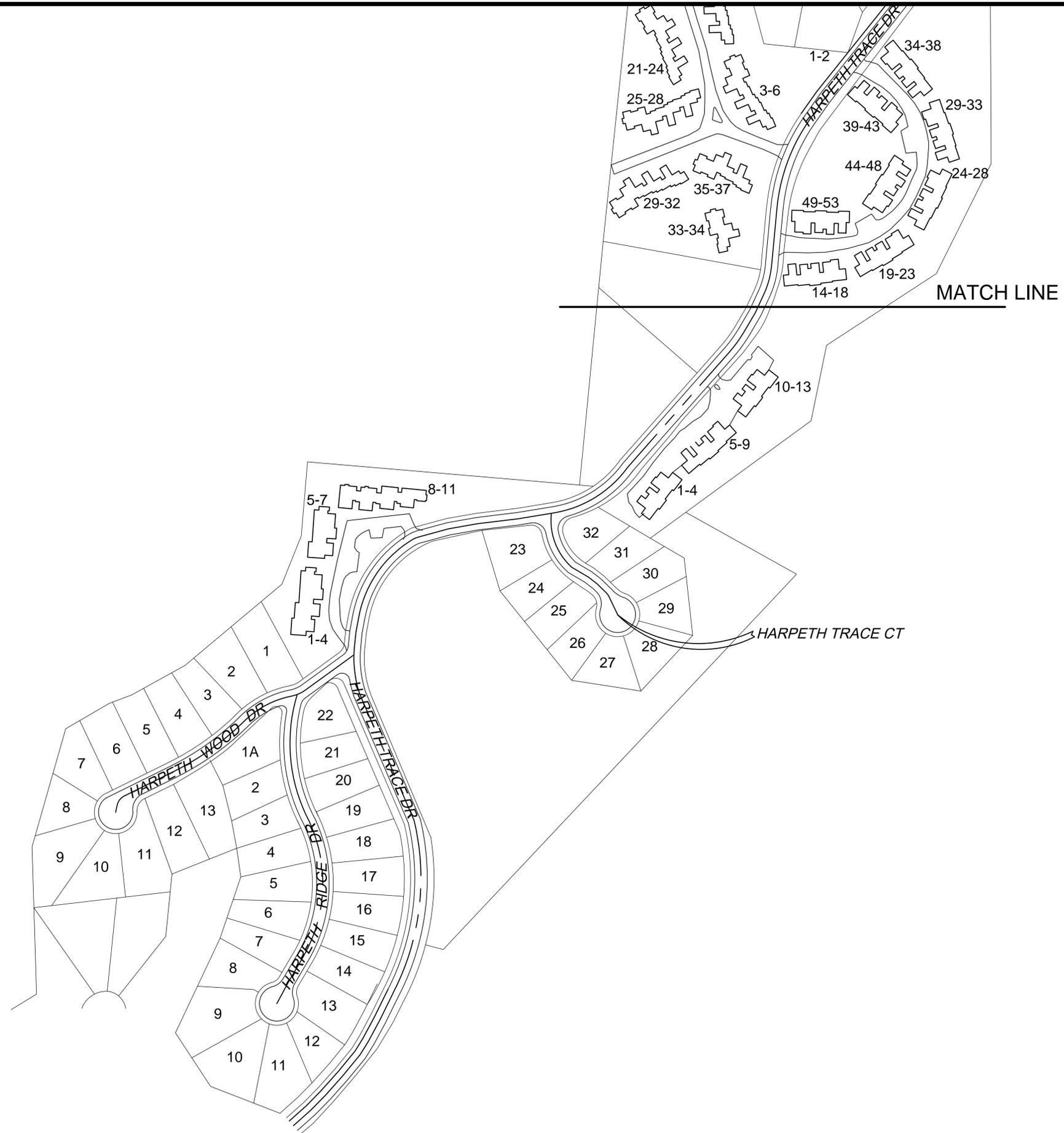
EXISTING SITE CONDITIONS - NORTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

DESIGNED	TBS
DRAWN	TBS
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 200'
PROJECT NO.	111E_P4
SHEET	C 1.1

2/25/21

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REVISIONS:

EXISTING SITE CONDITIONS - SOUTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

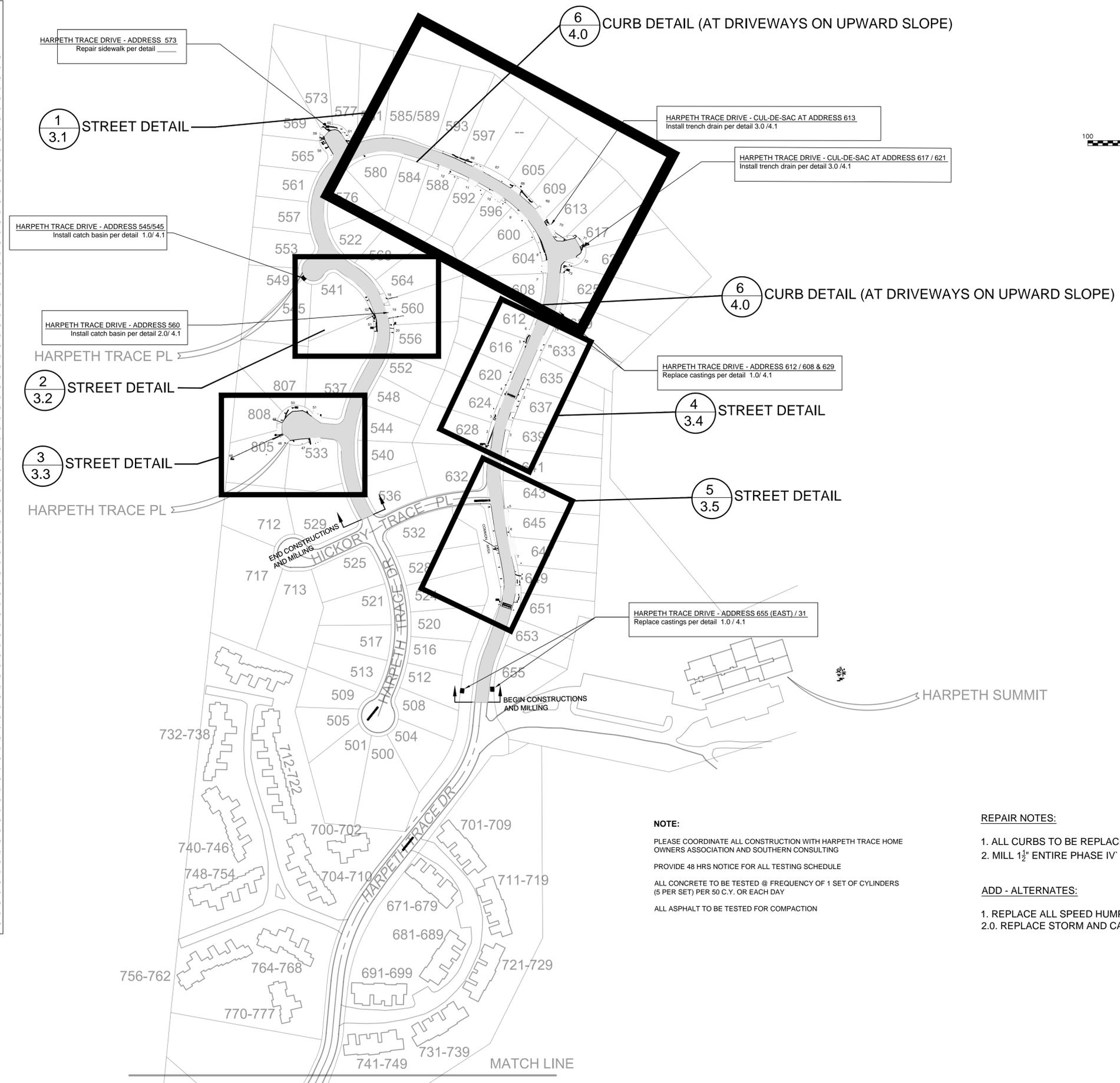
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DRAWN	TBS
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 200'
PROJECT NO.	H1E_P4
SHEET	C 1.2

SHEET C1.1 EXISTING SITE CONDITIONS - SOUTH

C1.2 Existing Site Conditions - South



REPAIR SCHEDULE						
North						
Street	Address	Lot	Side of Street	Type of Repair		Comments
				No.	Length (ft)	
Harpeth Trace Drive	632	1	west	2	1st joint	
Harpeth Trace Drive	628	2	west	2	1st joint	
Harpeth Trace Drive	624	3	west	2	1st joint	
Harpeth Trace Drive	620	4	west	2	1st joint	
Harpeth Trace Drive	616	5	west	2	1st joint	
Harpeth Trace Drive	612	6	west	2	1st joint	
Harpeth Trace Drive	608	7	west	1	1st joint	
Harpeth Trace Drive	604	8	west	1	1st joint	
Harpeth Trace Drive	600	9	west	1	1st joint	
Harpeth Trace Drive	596	10	west	1		
Harpeth Trace Drive	592	11	west	1		
Harpeth Trace Drive	588	12		1		
Harpeth Trace Drive	584	13		1		
Harpeth Trace Drive	580	14		1		
Harpeth Trace Drive	576	15		1		
Harpeth Trace Drive	572	16		1		
Harpeth Trace Drive	568	17		1		
Harpeth Trace Drive	564	18		1		
Harpeth Trace Drive	560	19		1		
Harpeth Trace Drive	556	20		1		
Harpeth Trace Drive	552	21		1		
Harpeth Trace Drive	548	22		1		
Harpeth Trace Drive	544	23		3		
Harpeth Trace Drive	540	24		1		
Harpeth Trace Drive	536	25		1		
Harpeth Trace Drive	532	26		1		
Harpeth Trace Drive	528	27		1		
Harpeth Trace Drive	524	28		1		
Harpeth Trace Drive	520	29		1		
Harpeth Trace Drive	516	30		1		
Harpeth Trace Drive	512	31		1		
Harpeth Trace Drive	508	32		1		
Harpeth Trace Drive	504	33		1		
Harpeth Trace Drive	500	34		1		
Harpeth Trace Drive	501	35		1		
Harpeth Trace Drive	505	36		1		
Harpeth Trace Drive	509	37		1		
Harpeth Trace Drive	513	38		1		
Harpeth Trace Drive	517	39		1		
Harpeth Trace Drive	521	40		1		
Harpeth Trace Drive	525	41		1		
Harpeth Trace Drive	713	42		1		
Hickory Trace Place	717	43		1		
Hickory Trace Place	716	44		1		
Hickory Trace Place	712	45		1		
Harpeth Trace Drive	529	46		1		
Harpeth Trace Drive	533	47		3		
Harpeth Trace Place	805	48		2	5	
Harpeth Trace Place	808	49		2	5	
Harpeth Trace Place	804	50		1		
Harpeth Trace Drive	537	51		1		
Harpeth Trace Drive	541	52		1		
Harpeth Trace Drive	545	53		2	5	
Harpeth Trace Drive	549	54		1		
Harpeth Trace Drive	553	55		1		
Harpeth Trace Drive	557	56		3		
Harpeth Trace Drive	561	57		3		
Harpeth Trace Drive	565	58		3		
Harpeth Trace Drive	569	59		3		
Harpeth Trace Drive	573	60		2	5	
Harpeth Trace Drive	577	61		2	5	
Harpeth Trace Drive	581	62		1		
Harpeth Trace Drive	585/589	64		1		
Harpeth Trace Drive	593	65		1		
Harpeth Trace Drive	597	66		1		
Harpeth Trace Drive	605	67		1		
Harpeth Trace Drive	609	69		3		
Harpeth Trace Drive	613	70		1		
Harpeth Trace Drive	617	71		2	4	
Harpeth Trace Drive	621	72		3		
Harpeth Trace Drive	625	73		3		
Harpeth Trace Drive	629	74		3		
Harpeth Trace Drive	633	75		3		
Harpeth Trace Drive	635	1		3	1st joint	
Harpeth Trace Drive	637	2		3	1st joint	
Harpeth Trace Drive	639	3		3	1st joint	
Harpeth Trace Drive	641	4		3	1st joint	
Harpeth Trace Drive	643	5		3	1st joint	
Harpeth Trace Drive	645	6		3	1st joint	
Harpeth Trace Drive	647	7		3	1st joint	
Harpeth Trace Drive	649	8		3	1st joint	
Harpeth Trace Drive	651	9		3	1st joint	
Harpeth Trace Drive	653	10		1		
Harpeth Trace Drive	655	11		1		



NOTE:
 PLEASE COORDINATE ALL CONSTRUCTION WITH HARPETH TRACE HOME OWNERS ASSOCIATION AND SOUTHERN CONSULTING
 PROVIDE 48 HRS NOTICE FOR ALL TESTING SCHEDULE
 ALL CONCRETE TO BE TESTED @ FREQUENCY OF 1 SET OF CYLINDERS (5 PER SET) PER 50 C.Y. OR EACH DAY
 ALL ASPHALT TO BE TESTED FOR COMPACTION

REPAIR NOTES:
 1. ALL CURBS TO BE REPLACED
 2. MILL 1 1/2" ENTIRE PHASE IV

ADD - ALTERNATES:
 1. REPLACE ALL SPEED HUMPS
 2.0. REPLACE STORM AND CATCH BASIN

REVISIONS:

**PROPOSED REPAIRS - NORTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE**

2/25/21

DESIGNED	TBS
DRAWN	TBS
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 200'
PROJECT NO.	HIF_P4
SHEET	C 2.1

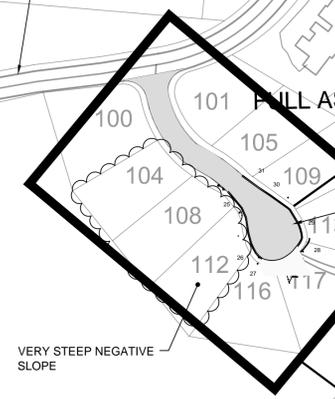
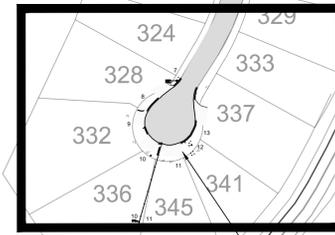
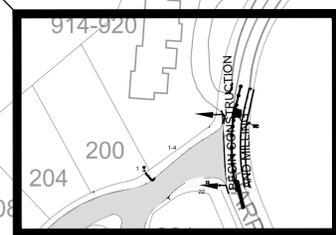
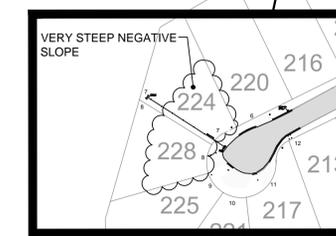
RENOVATION SCHEDULE

South

Street	Address	Lot	Type of Repair		Comments
			No.	Length (ft)	
Harpeth Wood Drive	200	1	3	5	
Harpeth Wood Drive	204	2	2	1st joint	
Harpeth Wood Drive	208	3	1		
Harpeth Wood Drive	212	4	1		
Harpeth Wood Drive	216	5	2	5	
Harpeth Wood Drive	220	6	2	1st joint	
Harpeth Wood Drive	224	7	2	1st joint	
Harpeth Wood Drive	228	8	1		
Harpeth Wood Drive	225	9	1		
Harpeth Wood Drive	221	10	2	18	
Harpeth Wood Drive	217	11	3		
Harpeth Wood Drive	213	12	1		
Harpeth Wood Drive	219	13	3		
Harpeth Ridge Drive	300	1A	3		
Harpeth Ridge Drive	304	2	2	8	
Harpeth Ridge Drive	308	3	2	1st joint	
Harpeth Ridge Drive	312	4	1		
Harpeth Ridge Drive	316	5	2	1.5	
Harpeth Ridge Drive	320	6	2	1.5	
Harpeth Ridge Drive	324	7	1		
Harpeth Ridge Drive	328	8	1		
Harpeth Ridge Drive	332	9	2	1.5	
Harpeth Ridge Drive	336	10	2	1st joint	
Harpeth Ridge Drive	345	11	2	1st joint	
Harpeth Ridge Drive	339	12	2	5	
Harpeth Ridge Drive	337	13	1		
Harpeth Ridge Drive	333	14	2	1.5	
Harpeth Ridge Drive	329	15	1		
Harpeth Ridge Drive	325	16	2	1st joint	
Harpeth Ridge Drive	321	17	2	1st joint	
Harpeth Ridge Drive	317	18	3		
Harpeth Ridge Drive	313	19	2	1.5	
Harpeth Ridge Drive	309	20	1		
Harpeth Ridge Drive	305	21	1		
Harpeth Ridge Drive	301	22	3		
Harpeth Trace Court	100	23	4		
Harpeth Trace Court	104	24	4		
Harpeth Trace Court	108	25	4		
Harpeth Trace Court	112	26	4		
Harpeth Trace Court	116	27	4		
Harpeth Trace Court	117	28	4		
Harpeth Trace Court	113	29	4		
Harpeth Trace Court	109	30	4		
Harpeth Trace Court	105	31	4		
Harpeth Trace Court	101	32	4		

7
3.7 STREET DETAIL

8
3.8 STREET DETAIL

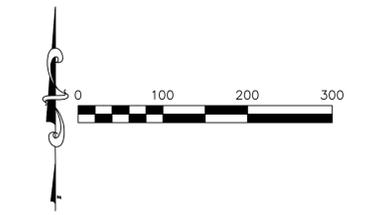


6
4.0 CURB DETAIL (AT DRIVEWAYS ON UPWARD SLOPE)

6
3.6 STREET DETAIL

6
4.0 CURB DETAIL (AT DRIVEWAYS ON UPWARD SLOPE)

9
3.09 STREET DETAIL



HARPETH TRACE COURT - ADDRESS 113
Install new catch basin per detail 2.0 / 4.1

HARPETH TRACE COURT
(From intersection with Harpeth Trace Dr to end of cul-de-sac)
Full depth removal of Asphalt
Install Trench drain per detail 4/4.1
Repave asphalt per detail 2/4.0

HARPETH TRACE COURT - ADDRESS 113
Adjust manhole raise as needed

HARPETH TRACE COURT - ADDRESS 341 / 345
Install catch basin per detail 2.0 / 4.1

REPAIR LEGEND

1. REMOVE AND REPLACE CURB ONLY
2. REMOVE CURB AND PAVEMENT AT LENGTH LISTED. REPLACE ASPHALT PAVEMENT AND INSTALL MACHINE FORMED CURB
3. REMOVE CURB AND PAVEMENT AT LENGTH LISTED. REPLACE ASPHALT PAVEMENT AND INSTALL HAND FORMED CURB
4. FULL DEPTH ASPHALT REMOVED

NOTE: ALL CASTING IN PROJECT AREA TO BE RE-PLACE PER DETAIL

1
4.1

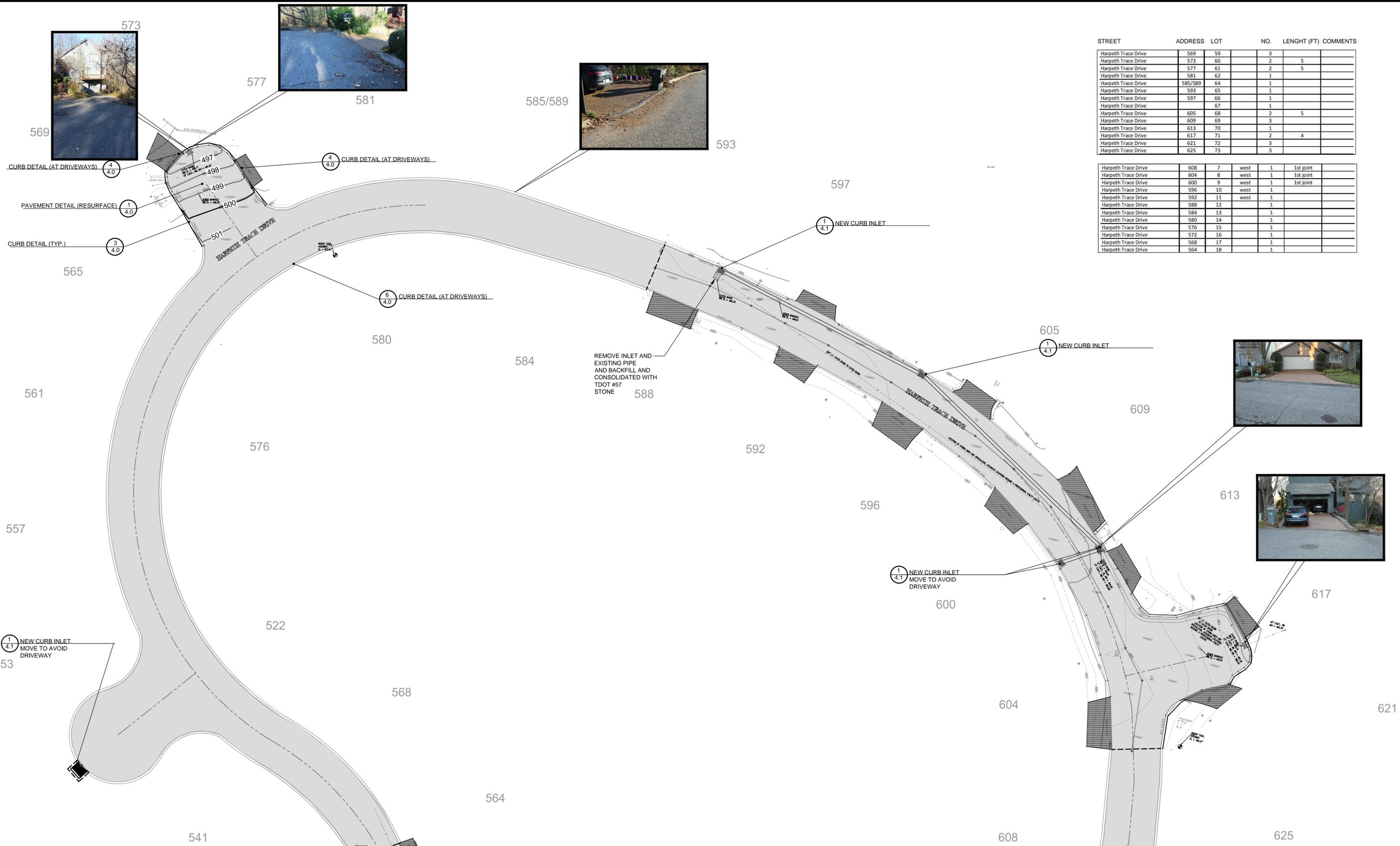
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REVISIONS:

**PROPOSED REPAIRS - SOUTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE**

2/25/21

DESIGNED	TBS
DRAWN	TBS
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 200'
PROJECT NO.	HIF_P4
SHEET	C 2.2



STREET	ADDRESS	LOT NO.	LENGHT (FT)	COMMENTS
Harpeth Trace Drive	569	59	3	
Harpeth Trace Drive	573	60	2	5
Harpeth Trace Drive	577	61	2	5
Harpeth Trace Drive	581	62	1	
Harpeth Trace Drive	585/589	64	1	
Harpeth Trace Drive	593	65	1	
Harpeth Trace Drive	597	66	1	
Harpeth Trace Drive	605	67	1	
Harpeth Trace Drive	609	68	2	5
Harpeth Trace Drive	613	69	3	
Harpeth Trace Drive	617	70	1	
Harpeth Trace Drive	621	71	2	4
Harpeth Trace Drive	625	72	3	
Harpeth Trace Drive	625	73	3	

Harpeth Trace Drive	608	7	west	1	1st joint
Harpeth Trace Drive	604	8	west	1	1st joint
Harpeth Trace Drive	600	9	west	1	1st joint
Harpeth Trace Drive	596	10	west	1	
Harpeth Trace Drive	592	11	west	1	
Harpeth Trace Drive	588	12		1	
Harpeth Trace Drive	584	13		1	
Harpeth Trace Drive	580	14		1	
Harpeth Trace Drive	576	15		1	
Harpeth Trace Drive	572	16		1	
Harpeth Trace Drive	568	17		1	
Harpeth Trace Drive	564	18		1	

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REVISIONS:

NO.	DATE	DESCRIPTION

DETAIL REPAIRS - NORTH
HARPETH TRACE ESTATES
STORM IMPROVEMENTS PH 4
NASHVILLE, DAVIDSON COUNTY, TENNESSEE

DETAIL 2

1
3.1

STREET DETAIL

LEGEND

FACE OF CURB FOC 478.23 ELEV.
 BACK OF CURB /TOP OF CURB BOC / TOC 478.56 ELEV.



2/ 25/ 21

DESIGNED	TBS
DRAWN	ICJ
CHECKED	TBS
DATE	02/23/2021
SCALE	1" = 20'
PROJECT NO.	117E PA
SHEET	C 3.1

568

STREET	ADDRESS	LOT	NO.	LENGHT (FT)	COMMENTS
Harpeth Trace Drive	568	17	1		
Harpeth Trace Drive	564	18	1		
Harpeth Trace Drive	560	19	1		
Harpeth Trace Drive	556	20	1		

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REVISIONS:

DETAIL REPAIRS - NORTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

DESIGNED	TBS
DRAWN	ICJ
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 20'
PROJECT NO.	HTE 04
SHEET	C 3.2

- 1
4.1 NEW CURB INLET
- 2
4.1 TYPICAL CATCH BASIN DETAIL

541

545

- 1
4.0 PAVEMENT DETAIL (RESURFACE)

564

- 6
4.0 CURBS (AT DRIVEWAY)

REMOVE INLET AND PLUG EXISTING PIPE

- 1
4.1 NEW CURB INLET
- 2
4.1 TYPICAL NEW CATCH BASIN DETAIL

560

- 3
4.0 CURB DETAIL (TYP.)

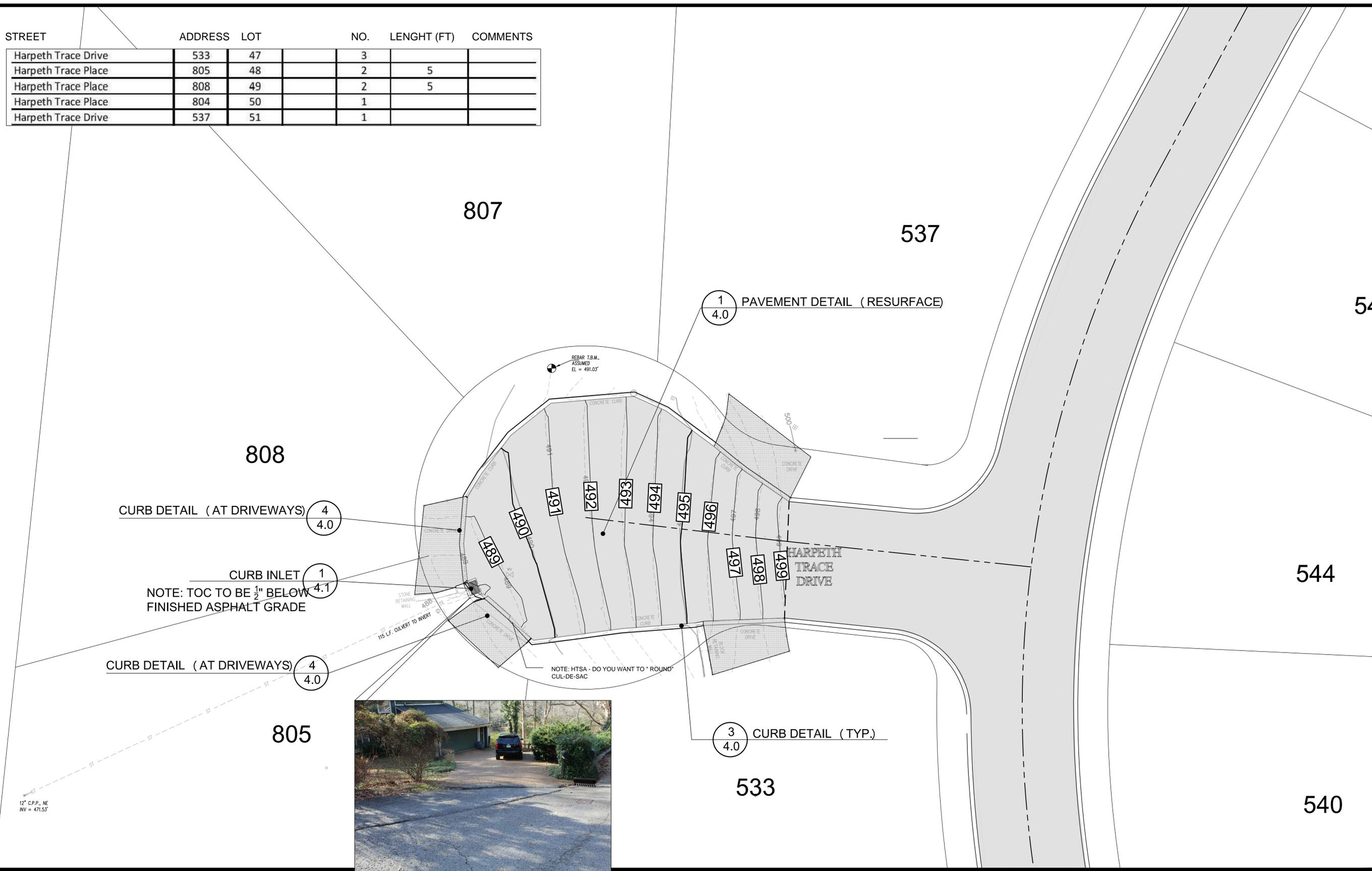
556

- 2
3.2 STREET DETAIL

STREET DETAIL



STREET	ADDRESS	LOT	NO.	LENGHT (FT)	COMMENTS
Harpeth Trace Drive	533	47	3		
Harpeth Trace Place	805	48	2	5	
Harpeth Trace Place	808	49	2	5	
Harpeth Trace Place	804	50	1		
Harpeth Trace Drive	537	51	1		



3
3.3

STREET DETAIL



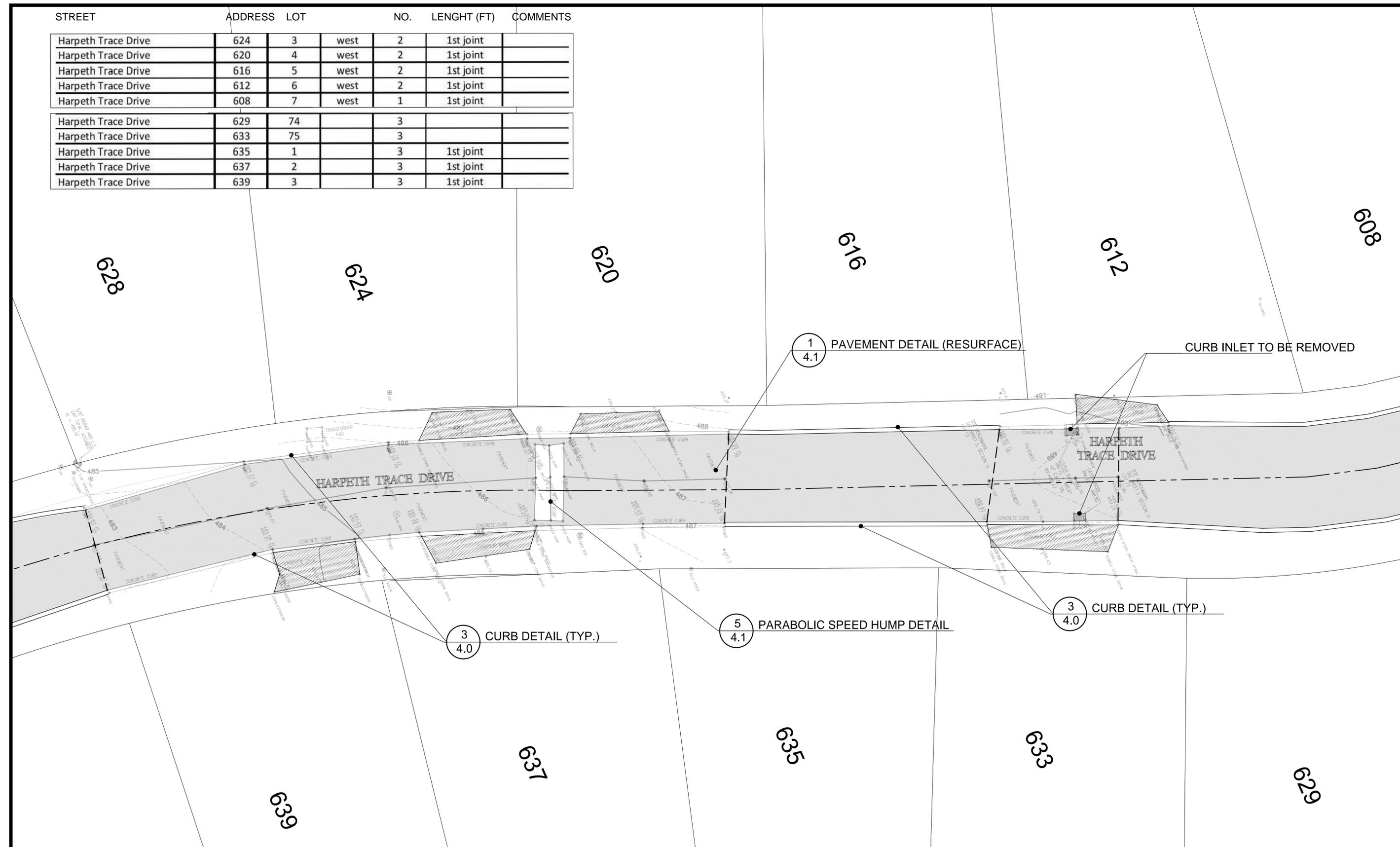
REVISIONS:

DETAIL REPAIRS - NORTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

DESIGNED	TBS
DRAWN	ICJ
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 20'
PROJECT NO.	HTE 21
SHEET	C 3.3

STREET	ADDRESS	LOT	NO.	LENGHT (FT)	COMMENTS
Harpeth Trace Drive	624	3	west	2	1st joint
Harpeth Trace Drive	620	4	west	2	1st joint
Harpeth Trace Drive	616	5	west	2	1st joint
Harpeth Trace Drive	612	6	west	2	1st joint
Harpeth Trace Drive	608	7	west	1	1st joint
Harpeth Trace Drive	629	74		3	
Harpeth Trace Drive	633	75		3	
Harpeth Trace Drive	635	1		3	1st joint
Harpeth Trace Drive	637	2		3	1st joint
Harpeth Trace Drive	639	3		3	1st joint



4
3.4

STREET DETAIL

LEGEND

FACE OF CURB FOC 478.23 ELEV
 BACK OF CURB /TOP OF CURB BOC / TOC 478.56 ELEV.



REVISIONS:

DETAIL REPAIRS - NORTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

DESIGNED	TBS
DRAWN	ICJ
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 20'
PROJECT NO.	HTE PL
SHEET	C 3.4

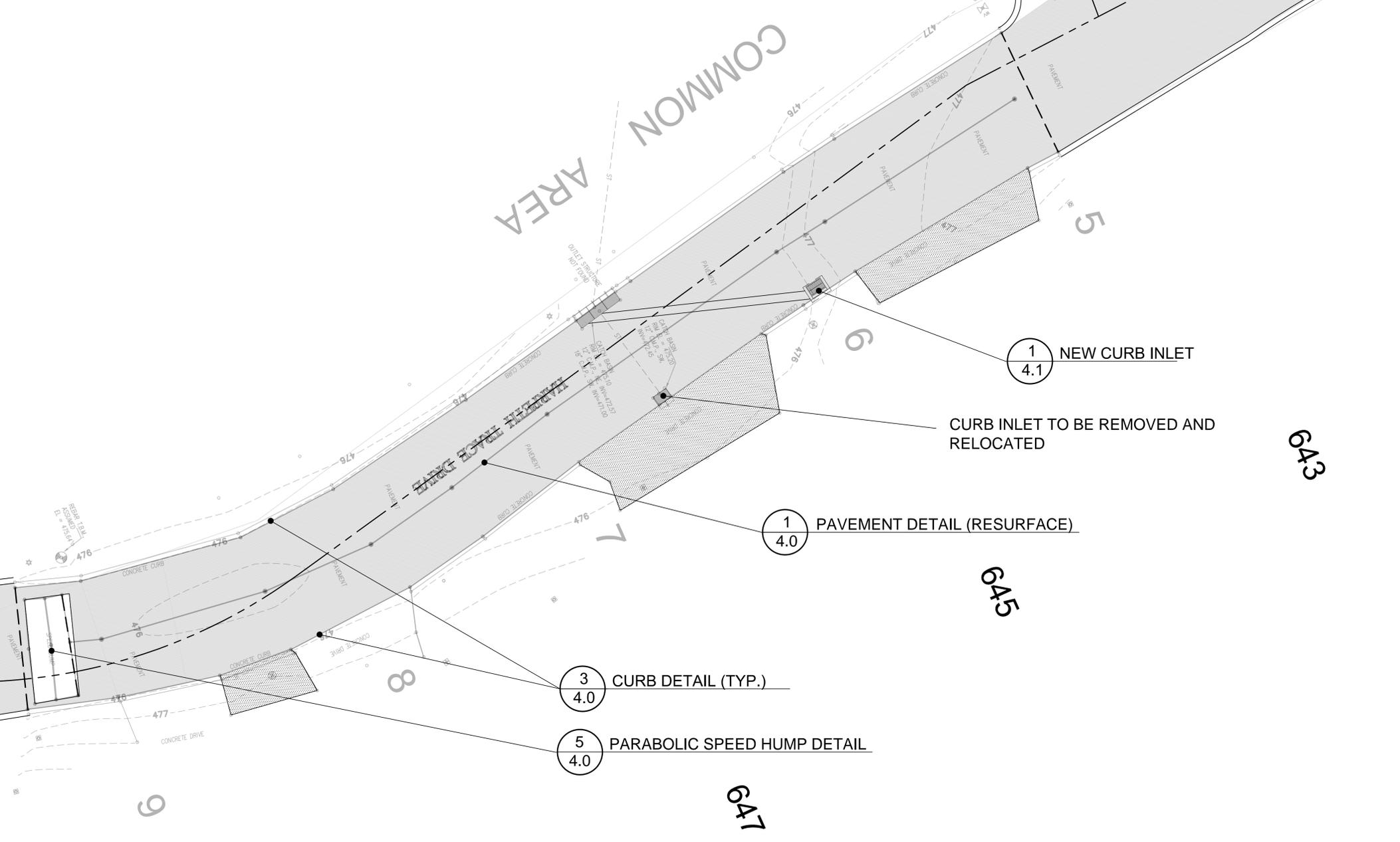
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52A

STREET	ADDRESS	LOT	NO.	LENGHT (FT)	COMMENTS
Harpeth Trace Drive	643	5	3	1st joint	
Harpeth Trace Drive	645	6	3	1st joint	
Harpeth Trace Drive	647	7	3	1st joint	
Harpeth Trace Drive	649	8	3	1st joint	

COMMON
AREA

HARPEETH TRACE DRIVE

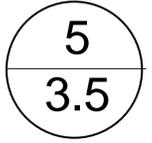


REVISIONS:

DETAIL REPAIRS - NORTH
 HARPEETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

DESIGNED	TBS
DRAWN	ICJ
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 20'
PROJECT NO.	HTE P4
SHEET	C 3.5



STREET DETAIL

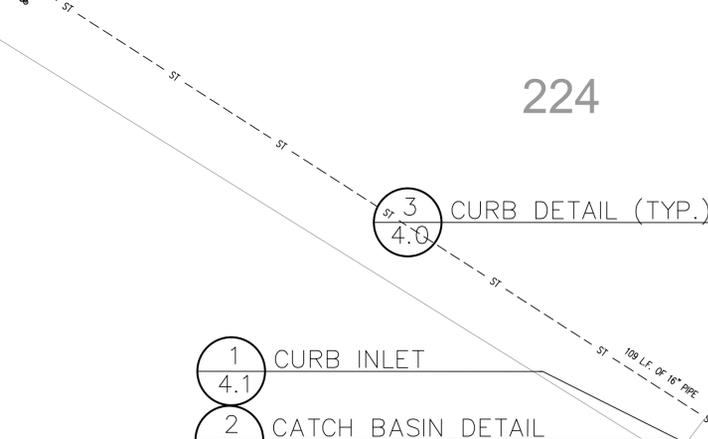
LEGEND

FACE OF CURB FOC 478.23 ELEV
 BACK OF CURB /TOP OF CURB BOC / TOC 478.56 ELEV.



STREET	ADDRESS	LOT	NO.	LENGHT (FT)	COMMENTS
Harpeth Wood Drive	220	6	2	1st joint	
Harpeth Wood Drive	224	7	2	1st joint	
Harpeth Wood Drive	228	8	1		
Harpeth Wood Drive	225	9	1		
Harpeth Wood Drive	221	10	2	18	
Harpeth Wood Drive	217	11	3		
Harpeth Wood Drive	213	12	1		

16" C.M.P., SE
INV = 405.89'



1 PAVEMENT DETAIL (RESURFACE)
4.0

3 CURB DETAIL (TYP.)
4.0

1 CURB INLET
4.1

2 CATCH BASIN DETAIL
4.1

3 CURB DETAIL (TYP.)
4.0

4 CURB DETAIL (AT DRIVEWAYS)
4.0

PAVE TO ADJUST GRADE TO DRAIN TO CATCH BASIN

8
3.8 STREET DETAIL



REVISIONS:

PROPOSED REPAIRS - SOUTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

DESIGNED	TBS
DRAWN	TBS
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 200'
PROJECT NO.	HIF_P4
SHEET	C 3.8

STREET	ADDRESS	LOT NO.	NO.	LENGHT (FT)	COMMENTS
Harpeth Ridge Drive	328	8	1		
Harpeth Ridge Drive	332	9	2	1.5	
Harpeth Ridge Drive	336	10	2	1st joint	
Harpeth Ridge Drive	345	11	2	1st joint	
Harpeth Ridge Drive	339	12	2	5	
Harpeth Ridge Drive	337	13	1		
Harpeth Ridge Drive	333	14	2	1.5	
Harpeth Ridge Drive	329	15	1		

328

333

332

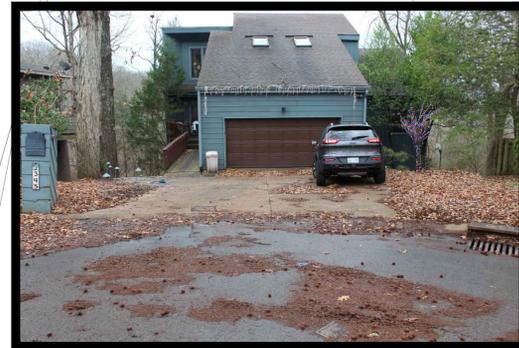
341

336

345



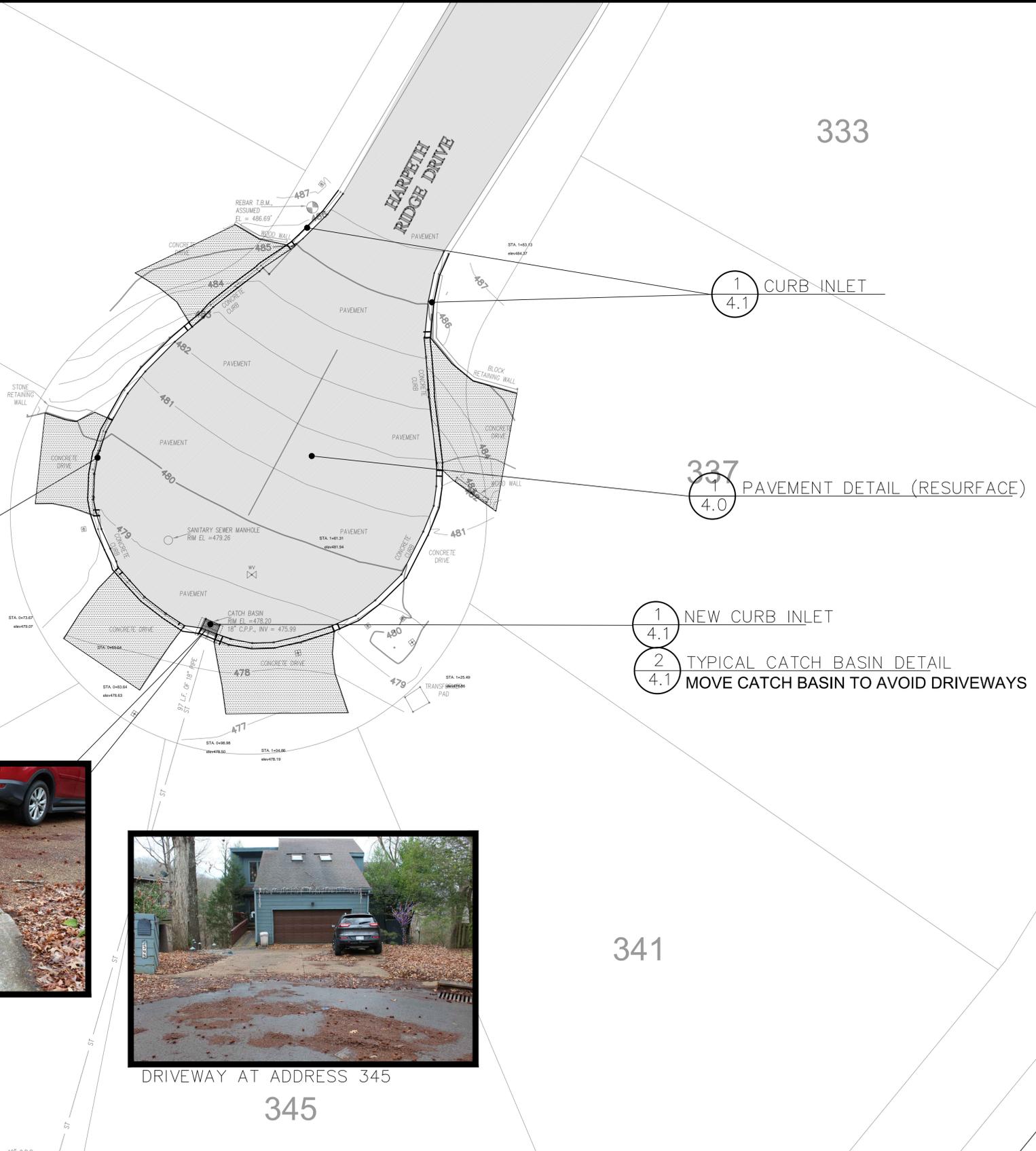
DRIVEWAY AT ADDRESS 336



DRIVEWAY AT ADDRESS 345

10
3.09

STREET DETAIL

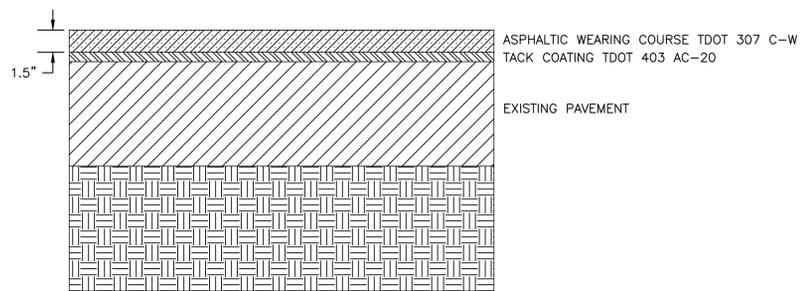


REVISIONS:

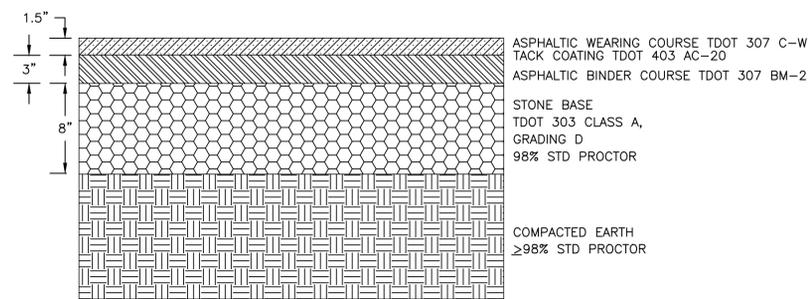
PROPOSED REPAIRS - SOUTH
 HARPETH TRACE ESTATES
 STORM IMPROVEMENTS PH 4
 NASHVILLE, DAVIDSON COUNTY, TENNESSEE

2/25/21

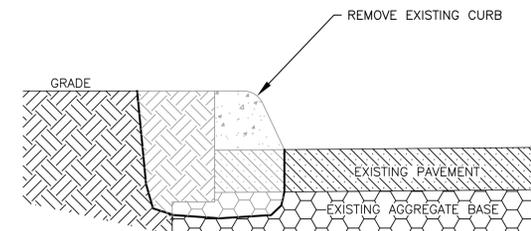
DESIGNED	TBS
DRAWN	TBS
CHECKED	TBS
DATE	02/25/2021
SCALE	1" = 20'
PROJECT NO.	HTF_P4
SHEET	
C 3.09	



1
4.0 PAVEMENT DETAIL (RESURFACE)
NOT TO SCALE

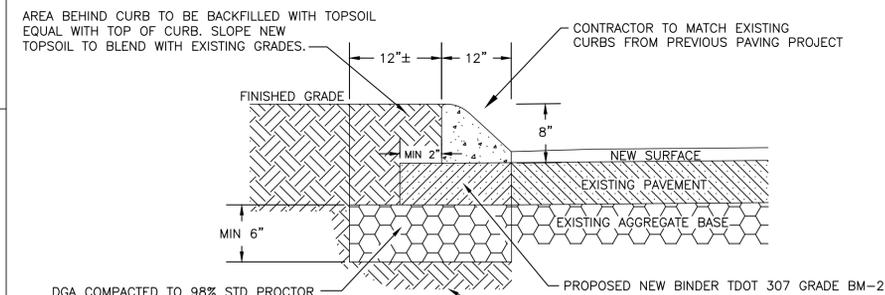


2
4.0 PAVEMENT DETAIL (NEW PAVEMENT)
NOT TO SCALE



NOTE: LANDSCAPE RESTORATION/REPAIR INCLUDED IN BID ITEM #5.

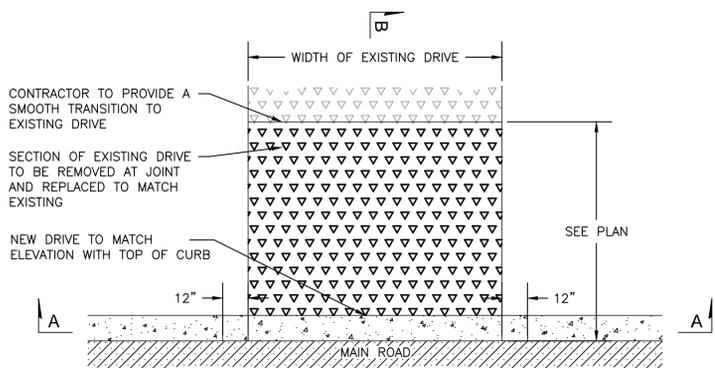
CURB DEMOLITION
NOT TO SCALE



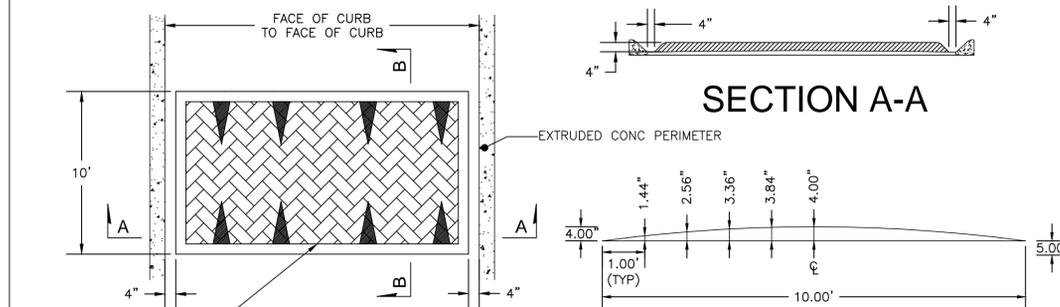
NOTES:

1. CONCRETE TO BE IMIX CURB MIX OR EQUAL (3500 PSI @ 28 DAYS WITH AIR ENTRAINMENT FROM 3% TO 6%)
2. BACKFILL TO BE COMPACTED TO 98% AND MAY BE TESTED BY OWNERS TESTING CONTRACTOR
3. CONCRETE TO ALSO CONTAIN FIBERGLASS FIBERS @ #.75/CY
4. CONTRACTION JOINTS TO BE SAW CUT AT 10' ON CENTER

3
4.0 CURB DETAIL (TYP)
NOT TO SCALE



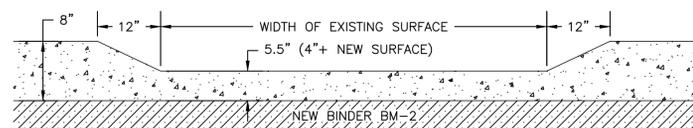
PLAN VIEW



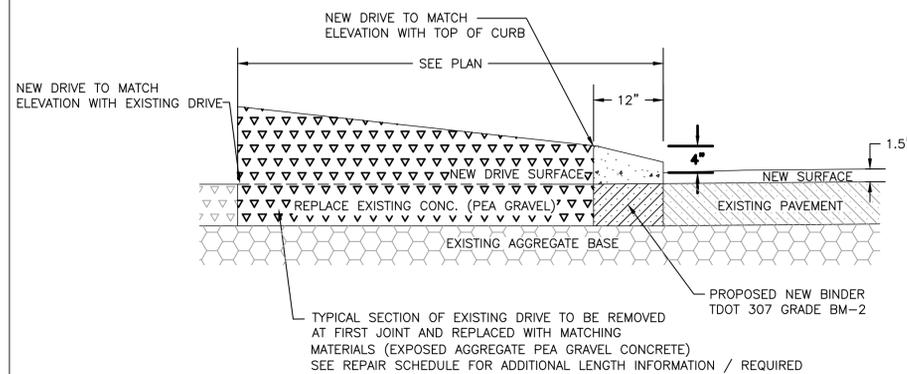
PLAN VIEW

SECTION B-B

5
4.0 PARABOLIC SPEED HUMP DETAIL
NOT TO SCALE



SECTION A-A

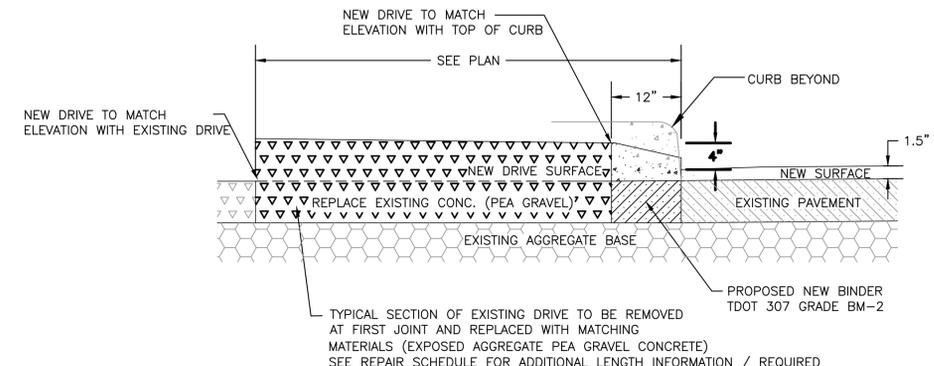


SECTION B-B

CURB DETAIL (AT DRIVEWAYS ON UPWARD POSITIVE SLOPE)

6
4.0

NOT TO SCALE



SECTION B-B

CURB DETAIL (AT DRIVEWAYS ON FLAT SLOPE)

7
4.0

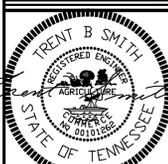
NOT TO SCALE

4
4.0 CURB DETAIL (AT DRIVEWAYS ON DOWNWARD SLOPE)
NEGATIVE SLOPE

NOT TO SCALE

REVISIONS:

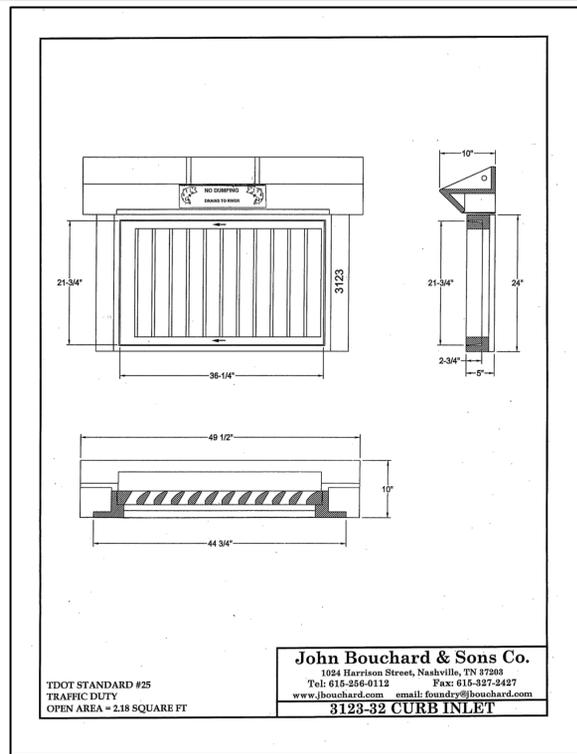
DETAILS & NOTES
HARPETH TRACE ESTATES
STORM IMPROVEMENTS PH 4
NASHVILLE, DAVIDSON, TENNESSEE



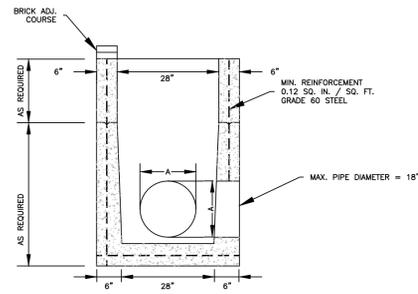
02/25/21

DESIGNED	TBS
DRAWN	JL
CHECKED	TBS
DATE	02/25/21
SCALE	NIS
PROJECT NO.	1423-01
SHEET	C 4.0

DRAWING NAME.DWG

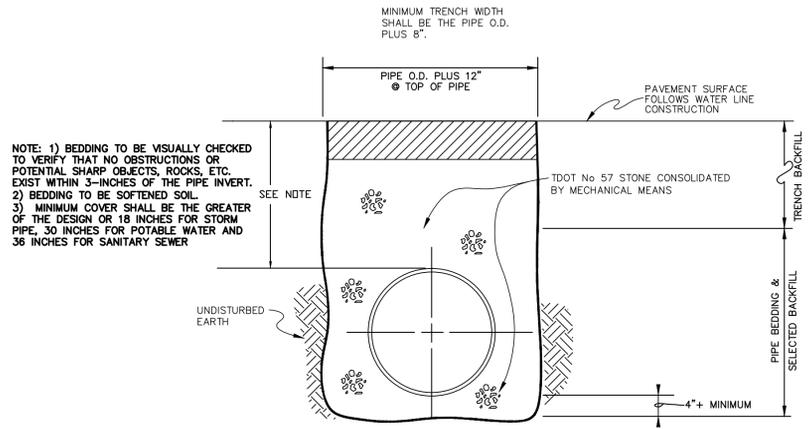


1 CURB INLET 3123-32
4.1 NOT TO SCALE



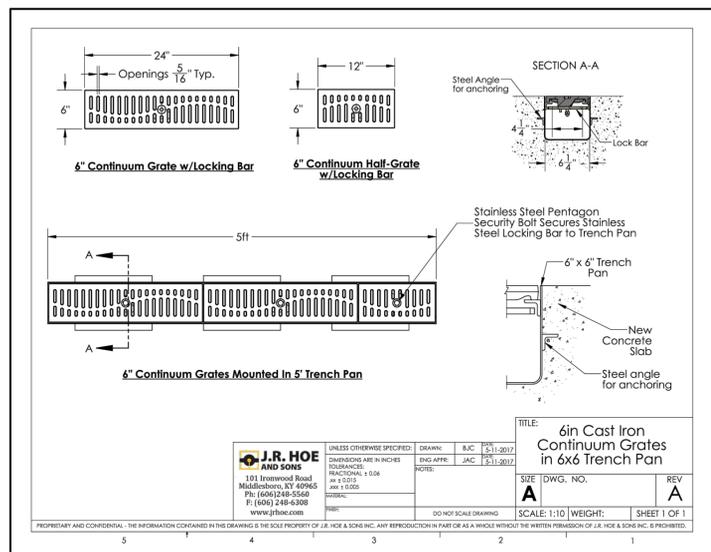
NOTE:
CATCH BASIN TO BE CLOUD CONCRETE PRODUCTS, INC.
METRO SINGLE CURB INLET / CATCH BASIN OR APPROVED EQUAL.

2 TYPICAL CATCH BASIN DETAIL
4.1



NOTE: 1) BEDDING TO BE VISUALLY CHECKED TO VERIFY THAT NO OBSTRUCTIONS OR POTENTIAL SHARP OBJECTS, ROCKS, ETC. EXIST WITHIN 3-INCHES OF THE PIPE INVERT.
2) BEDDING TO BE SOFTENED SOIL.
3) MINIMUM COVER SHALL BE THE GREATER OF THE DESIGN OR 18 INCHES FOR STORM PIPE, 30 INCHES FOR POTABLE WATER AND 36 INCHES FOR SANITARY SEWER

3 BEDDING & BACKFILL WITHIN PAVED AREA
4.1 NOT TO SCALE



4 TRENCH DRAIN DETAIL
4.1

GENERAL NOTES

- 1) THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL OBTAIN FIELD UTILITY LOCATIONS BY CALLING "TENNESSEE ONE CALL" (1-800-351-1111) AND ALL OTHER UTILITIES 72 HOURS PRIOR TO WORKING IN THE VICINITY OF EXISTING UTILITIES. THE FIELD UTILITY LOCATIONS MUST BE SUBMITTED TO THE ENGINEER.
- 2) ALL WORK SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE DRAWINGS AT THE SITE AT ALL TIMES.
- 3) ANY FENCING OR OTHER IMPROVEMENTS WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY REPLACED OR SUPPLEMENTED BY TEMPORARY FENCING OR BARRICADE SUITABLE FOR INTENDED PURPOSE OF EXISTING FENCING OR BARRICADE. CONTRACTOR SHALL PROMPTLY REPAIR AND/OR REPLACE DAMAGED FENCING TO EQUAL OR BETTER CONDITIONS.
- 4) PHYSICAL CONDITIONS DISTURBED BY WORK SHALL BE RESTORED TO CONDITIONS EQUAL OR BETTER THAN THOSE EXISTING PRIOR TO THE WORK. REPAIR DAMAGES TO STRUCTURES AND UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. RESTORATION INCLUDES, BUT IS NOT LIMITED TO, FINE GRADING, SEEDING, PAVEMENT REPLACEMENT, AND DRAINAGE STRUCTURES. PLEASE SEE BID ITEM #5.
- 5) THE CONTRACTOR SHALL MAINTAIN THROUGH TRAFFIC AT ALL TIMES. ALL CONSTRUCTION OPERATIONS SHALL BE SCHEDULED TO KEEP TRAFFIC DELAYS TO A MINIMUM. THE CONTRACTOR SHALL NOT CLOSE OR EXCAVATE WITHIN THE RIGHT-OF-WAY OF A STREET WITHOUT OBTAINING THE APPROVAL OF AND THE REQUIRED PERMITS FROM HARPETH TRACE SERVICES ASSOCIATION AND PROVIDING EVIDENCE OF SUCH APPROVAL TO ENGINEER. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, AT HIS EXPENSE ALL WARNING DEVICES AND FLAG MEN REQUIRED TO CONTROL AND PROTECT TRAFFIC PASSING THROUGH THE WORK ZONE. THE CONTRACTOR SHALL PROVIDE PILOT TRUCKS AND DRIVERS WHEN NEEDED. ALL METHODS OF CONTROLLING AND PROTECTING THE TRAFFIC SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SIMILAR TO THOSE REQUIRED BY METRO NASHVILLE AND TDOT.
- 6) PROPERTY LINES AND TOPO ARE APPROXIMATE ONLY.

PAVING NOTES

- 1) PROVIDE ALL EQUIPMENT, MATERIALS, LABOR AND SERVICES REQUIRED TO PROVIDE ALL NEW PAVEMENT INDICATED.
- 2) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF "TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- 3) THE CONTRACTOR SHALL MAINTAIN THE PAVED SURFACE OVER ALL EXCAVATED AREAS FOR THE PERIOD OF ONE (1) YEAR AFTER THE WORK HAS BEEN COMPLETED AND ACCEPTED BY THE OWNER.
- 4) CONTRACTOR IS TO PROVIDE CERTIFICATE OF INSURANCE AND OBTAIN ANY REQUIRED PERMITS FROM STATE AND LOCAL AUTHORITIES.
- 5) EXISTING ASPHALT SURFACE SHALL BE CLEANED AND COMPLETELY DRY PRIOR TO PLACING THE TACK COAT.
- 6) TACK COAT SHALL CONSIST OF LIQUID ASPHALT MATERIAL AS SPECIFIED HEREIN AND APPLIED AT A RATE OF 020 GALLONS PER SQUARE YARD ON THE EXISTING ASPHALT. NO "CORN ROWS" WILL BE ACCEPTED.
- 7) _____
- 8) ASPHALTIC WEARING COURSE 307-CW TO HAVE A MINIMUM ASPHALT CONTENT OF 5.8%.
- 9) ASPHALTIC WEARING COURSE SHALL CONSIST OF A COMPACTED THICKNESS NOT LESS THAN 1 1/2 INCHES.
- 10) PLACE PAVING ONLY WHEN TEMPERATURE IS ABOVE 45° FAHRENHEIT.
- 11) PAINT SHALL BE TDOT APPROVED QUICK DRY TRAFFIC MARKING PAINT (WHITE AND YELLOW AS SHOWN ON C2.0 AND C2.1).
- 12) CONTRACTOR TO PROVIDE ASPHALT DESIGN MIX SUBMITTAL TO ENGINEER.

SEEDING NOTES:

1. ALL DISTURBED NON PAVED AREAS TO RECEIVE SEED AND STRAW MULCH (EXCEPT WITHIN THE TRAIL).
2. SOIL TO BE TILLED TO A DEPTH OF 4-INCHES.
3. SEED MIX TO BE A DROUGHT TOLERANCE FESCUE BLEND.
4. SEED TO BE SOWN AT A RATE OF 6#/1,000 S.F.
5. A 10-10-10 FERTILIZER IS TO BE SPREAD AT A RATE OF 10#/1,000 S.F.
6. LIME IS TO BE SPREAD AT A RATE OF 25#/1000 SF.
7. STRAW TO BE PLACED AT A RATE OF 2 BALES/1,000 S.F.
8. CONTRACTOR IS RESPONSIBLE FOR RESEEDING BARE AREAS UNTIL AN ACCEPTABLE STAND OF GRASS IS ACHIEVED.
9. PLASTIC MESH IS NOT PERMITTED TO BE USED UNDER ANY CIRCUMSTANCES.

* 9. ALL SEEDED AREAS TO BE RESEDED IN FALL.

REVISIONS:

DETAILS & NOTES

HARPETH TRACE ESTATES
HARPETH TRACE ESTATES PH 4
NASHVILLE, DAVIDSON CO., TENNESSEE

Southern Consulting
Engineering • Materials Testing • Surveying
Environmental Services
1208 HIGHWAY 47E DICKSON, TN 37055
(615) 740-8777 (F) (615) 441-8776 (F)

02/25/21

DESIGNED	TBS
DRAWN	JL
CHECKED	TBS
DATE	02/25/21
SCALE	NIS
PROJECT NO.	

SHEET
C 4.1

DRAWING NAME.DWG