

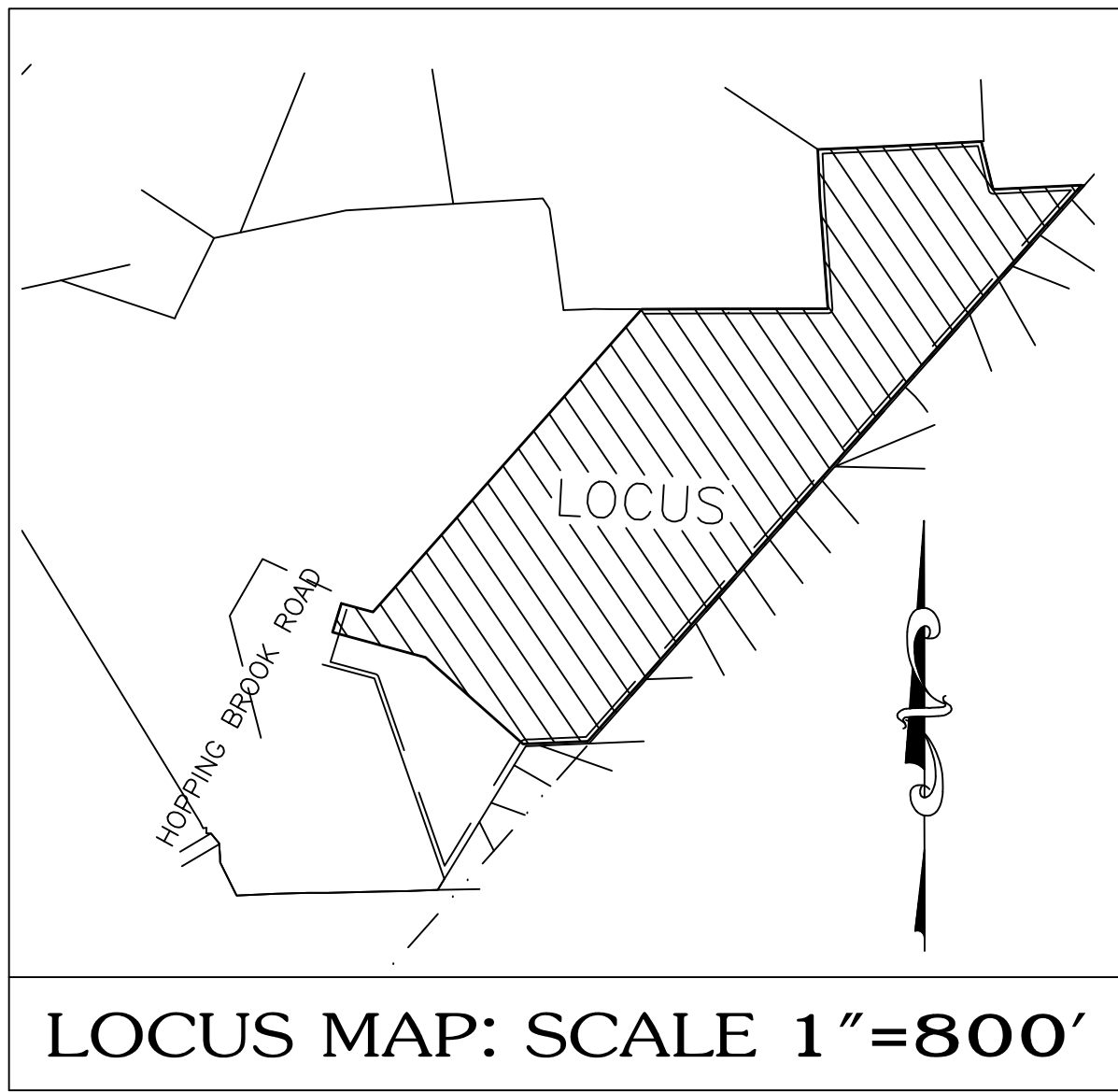
555 HOPPING BROOK ROAD
A MODIFICATION OF THE DEFINITIVE SITE PLAN
IN
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 BARR HARBOR DRIVE
CONSHOHOCKEN, PA 19249

ENGINEER:

ENGINEERING DESIGN CONSULTANTS, INC.
32 TURNPIKE ROAD
SOUTHBOROUGH, MASSACHUSETTS



NOVEMBER 16, 2019
REVISED: FEBRUARY 5, 2020
MARCH 2, 2020
FEBRUARY 5, 2021

SHEET LIST

SHEET	TITLE
1	COVER
2	LAYOUT & MATERIALS (80 SCALE)
3	1LAYOUT & MATERIALS (NW 40 SCALE)
4	LAYOUT & MATERIALS (SW 40 SCALE)
5	LAYOUT & MATERIALS (NE 40 SCALE)
6	LAYOUT & MATERIALS (SE 40 SCALE)
7	UTILITIES (80 SCALE)
8	GRADING & DRAINAGE (80 SCALE)
9	GRADING & UTILITIES (NW 40 SCALE)
10	GRADING & UTILITIES (SW 40 SCALE)
11	GRADING & UTILITIES (NE 40 SCALE)
12	GRADING & UTILITIES (SE 40 SCALE)
13	GRADING & UTILITIES (OFFSITE BASIN - ONSITE BASIN)
14	PROFILE (DCB-1 to DMH-4--555 SOUTH SIDE)
15	PROFILE (555 SOUTH SIDE)
16	PROFILE (555 WEST SIDE--DCB
17	PROFILE (RF-1 TO RF-4--RF-10 TO RF-14)
18	PROFILE (555 WEST SIDE)
19	PROFILE (555 WEST SIDE--DCB-6 TO DMH-23)
20	PROFILE (DCB-9 TO OUTLET-4)
21	PROFILE (CB-22 TO DMH-34--RF-17 TO OUTLET-5)
22	PROFILE (DCB-16 TO OUTLET-6)
23	PROFILE (CB-25 TO DMH-41--RF-19 TO OUTLET-7)
24	PROFILE (DCB-19 to DMH-43)
25	STORMWATER SYSTEM DATA
26	LANDSCAPE PLAN
27	LIGHTING
28	CONSTRUCTION DETAILS
29	STORMWATER DETAILS
30	STORMWATER DETAILS
31	LANDSCAPE & LIGHTING DETAILS
32	STORMWATER POLLUTION PREVENTION PLAN
33	EXISTING CONDITIONS PLAN (2-7-20)
34	ELEVATION PLAN (9-24-19)
35	FLOOR PLAN (9-25-19)

LEGEND

BIT CONC	BITUMINOUS CONCRETE
CB	CATCHBASIN
CB/PLUG	CONCRETE BOUND/PLUG
CC	CONCRETE CURB
CCB	CAPE COD BERM
CO	CLEAN OUT
CONC	CONCRETE
CONC	CONCRETE
CS	CURB STOP
CW	CROSSWALK
D	DRAINLINE
DCB	DOUBLE CATCH BASIN
DI	DUCTILE IRON
DMH	DRAIN MANHOLE
ELEC	ELECTRIC
EMH	ELECTRIC MANHOLE
FD	FOUNDATION DRAIN
FE	FLARED END
GAS	GAS LINE
GG	GAS GATE
GV	GATE VALVE
HC	HANDICAPPED RAMP
HCC	HAUNCHED CONCRETE CURB
HYD	HYDRANT
ID	INTERCEPTOR DRAIN
INV	INVERT
LP	LIGHT POLE
MH	MANHOLE
PIV	POST INDICATOR VALVE
PPVC	PERFORATED POLY-VINYL-CHLORIDE
PVC	POLY-VINYL-CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
S	SEWER LINE
S	SIGN
SB	SPEED BUMP
SB/DH	STONE BOUND/DRILLHOLE
SGC	SLOPED GRANITE CURB
SMH	SEWER MANHOLE
SWBL	SINGLE WHITE BROKEN LINE
SWSL	SINGLE WHITE SOLID LINE
TD	TRENCH DRAIN
TELE	TELEPHONE LINE
TMH	TELEPHONE MANHOLE
TRANS	TRANSFORMER
TS	TRANSITION STONE
UD	UNDERDRAIN
VGC	VERTICAL GRANITE CURB
W	WATER LINE
WG	WATER GATE
⊕	BORING
⊕ 5	TEST PIT
W 5	WETLAND FLAG
ECB	EROSION CONTROL BARRIER
T24	24" TREE
⊠ (TBS)	STONE BOUND/DRILL HOLE TO BE SET

ZONING

ZONING DISTRICT: IND	REQUIRED	PROPOSED
MIN. FRONTAGE:	100 FT.	150.0 FT.
MIN. AREA:	20,000 S.F.	3,458,910±S.F.
MAX. LOT COVERAGE:	40%	800,420 S.F. - 23.1%
MAX. HEIGHT:	40 FT. 3 ST.	<40 FT.
LOT DEPTH:	150 FT.	>150 FT.
F.A.R.	0.5	0.23
SETBACKS:		
FRONT:	30 FT.	415.2 FT.
SIDE:	20 FT.	LT-200.2 FT. RT-355.5 FT.
REAR:	30 FT.	1593.6 FT.
PARKING:	1 SP/13 EMP.	403 SPACES (14 HC)

"I ATTEST THAT THE PLANNING BOARD VOTED ____ TO ____ TO APPROVE THIS
SPECIAL PERMIT/SITE PLAN ON _____(DATE)
_____(SIGNATURE OF PLANNING BOARD MEMBER)"

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REV	DATE	DESCRIPTION
1	2/5/21	ISSUED FOR REVIEW
2	3/2/20	PEER REVIEW COMMENTS
3	2/5/20	PEER REVIEW COMMENTS
4	11/16/19	ISSUED FOR REVIEW



TITLE: COVER
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
APPLICANT: CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

PROJECT: 555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS 01746
(MIDDLESEX COUNTY)

PREPARED BY: Engineering Design Consultants, Inc.
Turnpike Road
Southborough, Massachusetts
ph:(508)480-0225 fax:(800)832-5781

FILE NO: 3724 COVER SHEET
DATE: NOVEMBER 16, 2019
DEFINITE PLAN NO: 1 of 35
1

ALL RIGHTS RESERVED

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DRAWN BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REVISIONS:
REV # DATE DESCRIPTION

3 2/5/21 ISSUED FOR REVIEW
2 3/2/20 PEER REVIEW COMMENTS
1 2/5/20 PEER REVIEW COMMENTS
0 11/16/19 ISSUED FOR REVIEW



PREPARED BY:



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

LAYOUT & MATERIALS
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO.: 3724 LAYOUT
LO(S)

DATE: NOVEMBER

DEFINITIVE PLAN NO.:

2 OF 3

2

NOTE:
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DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION. CALL DIGSAFE AT 811



0 80 200 300
SCALE: 1" = 80'

ZONING

ZONING DISTRICT: IND

MIN. FRONTAGE:	100 FT.	150.0 FT.
MIN. AREA:	20,000 S.F.	3,458,910±S.F.
MAX. LOT COVERAGE:	40%	800,420 S.F. - 23.1%
MAX. HEIGHT:	40 FT. 3 ST.	<40 FT.
LOT DEPTH:	150 FT.	>150 FT.
F.A.R.	0.5	0.23

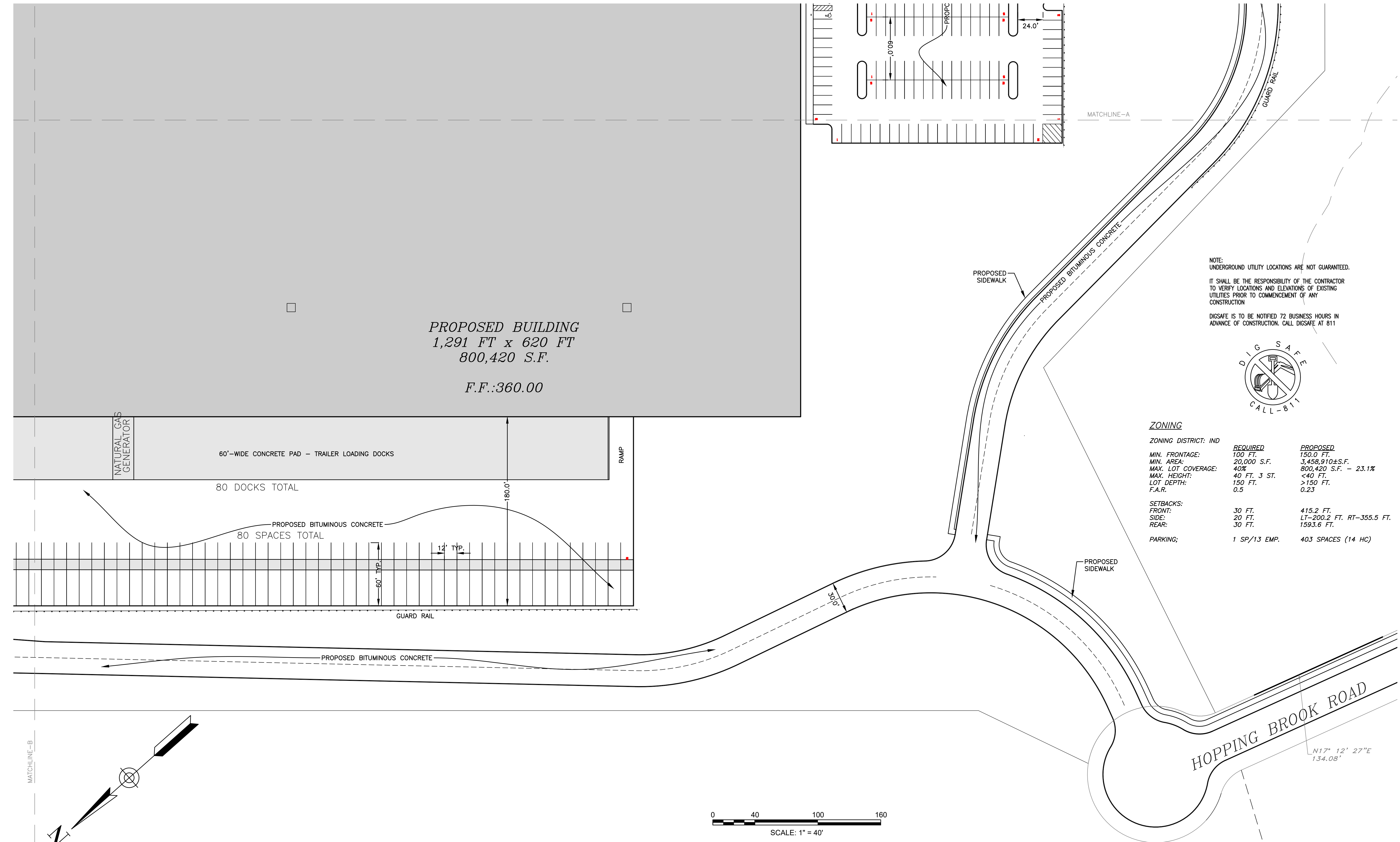
SETBACKS:		
FRONT:	30 FT.	415.2 FT.
SIDE:	20 FT.	LT-200.2 FT. RT-355.5 FT.
REAR:	30 FT.	1593.6 FT.

PARKING:	1 SP/13 EMP.	403 SPACES (14 HC)
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PARKING SCHEDULE

TRUCK TRAILER:	278 SPACES
TRUCK DOCKS:	160 DOCKS
PARKING:	403 SPACES (INCLUDING 14 ACCESSIBLE)

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DRAWN BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REV	DATE	DESCRIPTION
1	2/5/21	ISSUED FOR REVIEW
2	3/2/20	PEER REVIEW COMMENTS
3	2/5/20	PEER REVIEW COMMENTS
4	11/16/19	ISSUED FOR REVIEW



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

LAYOUT & MATERIALS
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 LAYOUT
LO(1)

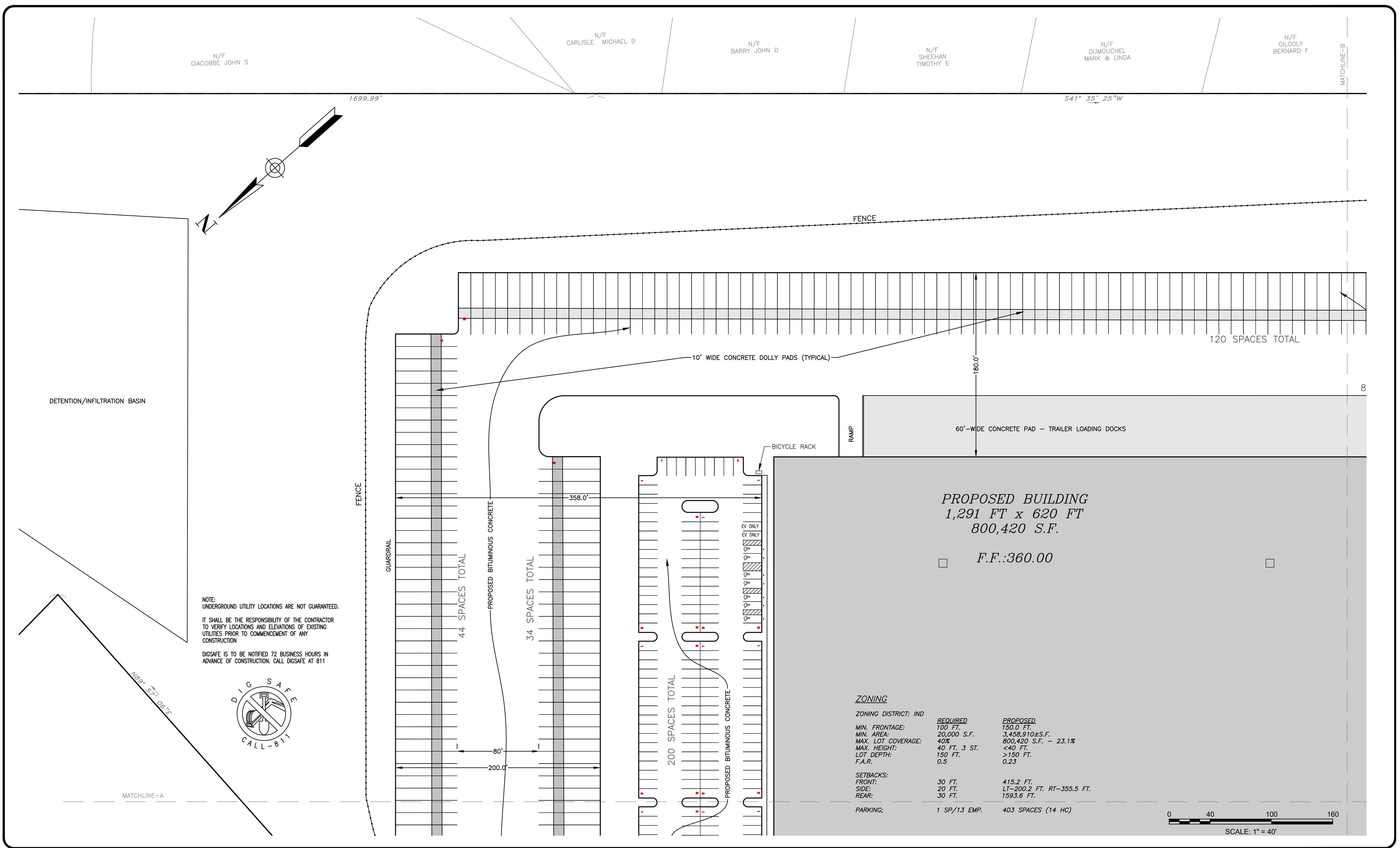
DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

4 of 35

4

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DESIGNED BY: VML	2	2/5/21	ISSUED FOR REVIEW
CHECKED BY: PSB	1	3/2/20	PEER REVIEW COMMENTS
APPROVED BY: PSB	0	2/5/20	PEER REVIEW COMMENTS
		11/16/19	ISSUED FOR REVIEW
REV #	DATE	DESCRIPTION	

WALTER M. LEWINSKI
CIVIL
No. 32537
REGISTERED PROFESSIONAL ENGINEER

Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

LAYOUT & MATERIALS
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 LAYOUT
LO(4)

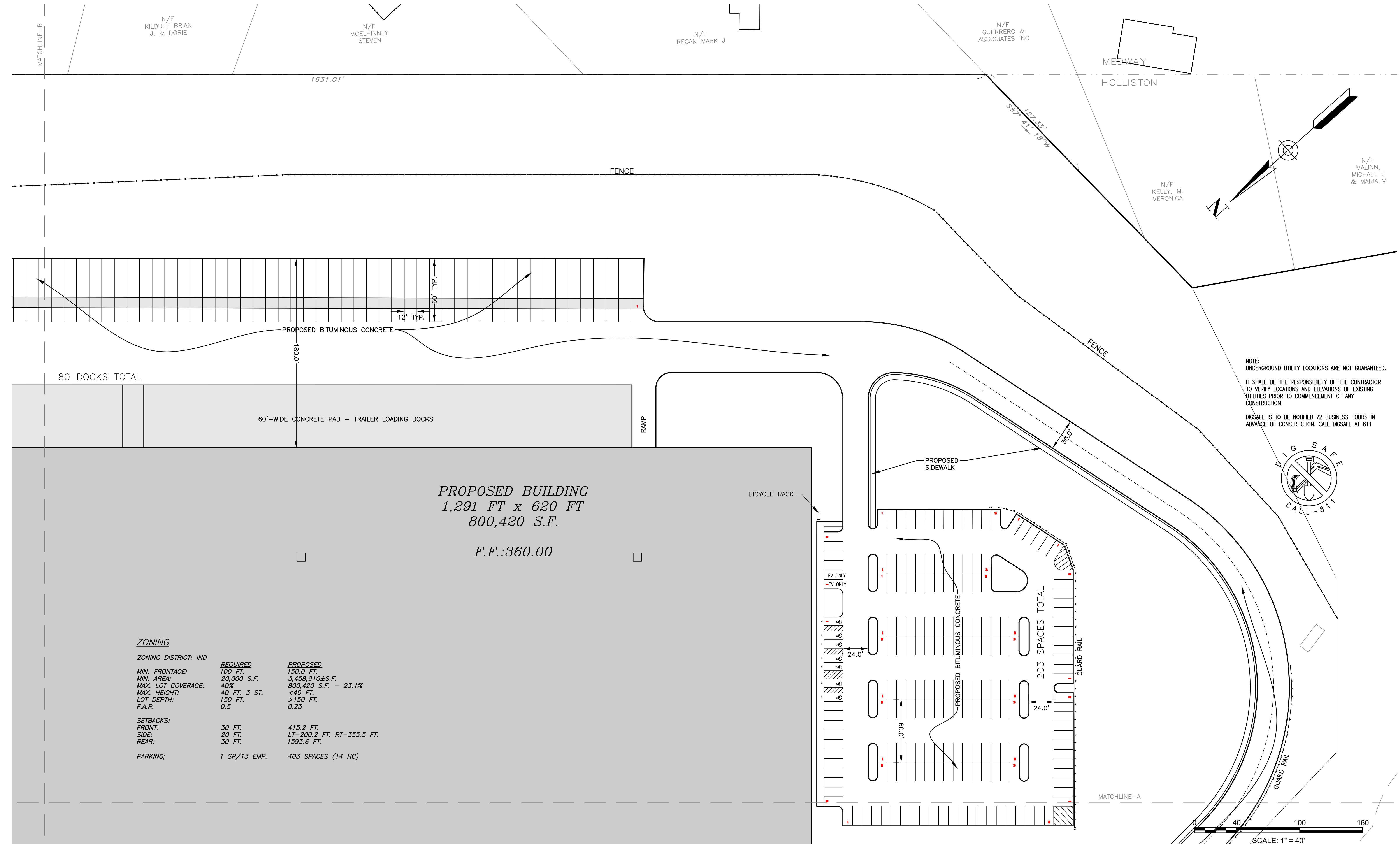
DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

5 of 35

5

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DRWN BY: WML
CKTD BY: PSB
APRD BY: PSB

REV	DATE	DESCRIPTION
3	2/5/21	ISSUED FOR REVIEW
2	3/2/20	PEER REVIEW COMMENTS
1	2/5/20	PEER REVIEW COMMENTS
0	11/16/19	ISSUED FOR REVIEW



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

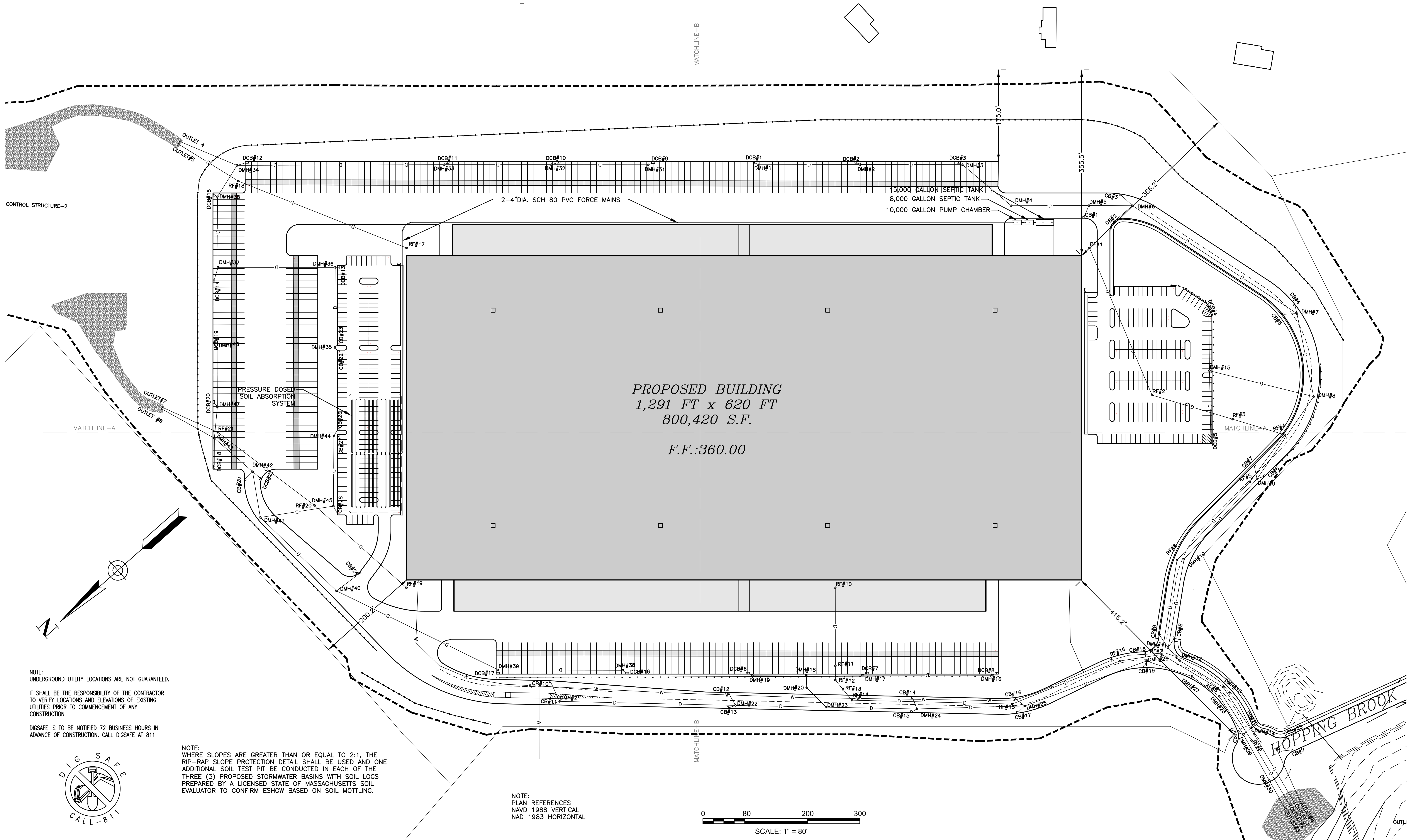
LAYOUT & MATERIALS
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 LAYOUT
LO(2)
DATE: NOVEMBER 16, 2019
DEFINITE PLAN NO:
6 of 35
6

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DRWN BY: WML
CHKD BY: PSB
APPROV BY: PSB

REV	DATE	DESCRIPTION
1	1/28/21	NEW SITE LAYOUT
2	3/2/20	PEER REVIEW COMMENTS
3	2/5/20	PEER REVIEW COMMENTS
4	11/16/19	ISSUED FOR REVIEW



PREPARED BY:



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

UTILITIES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO.: 3724 GRADING DRAINAGE(S)

SCALE: 1\"/>

DATE: NOVEMBER 16, 2019

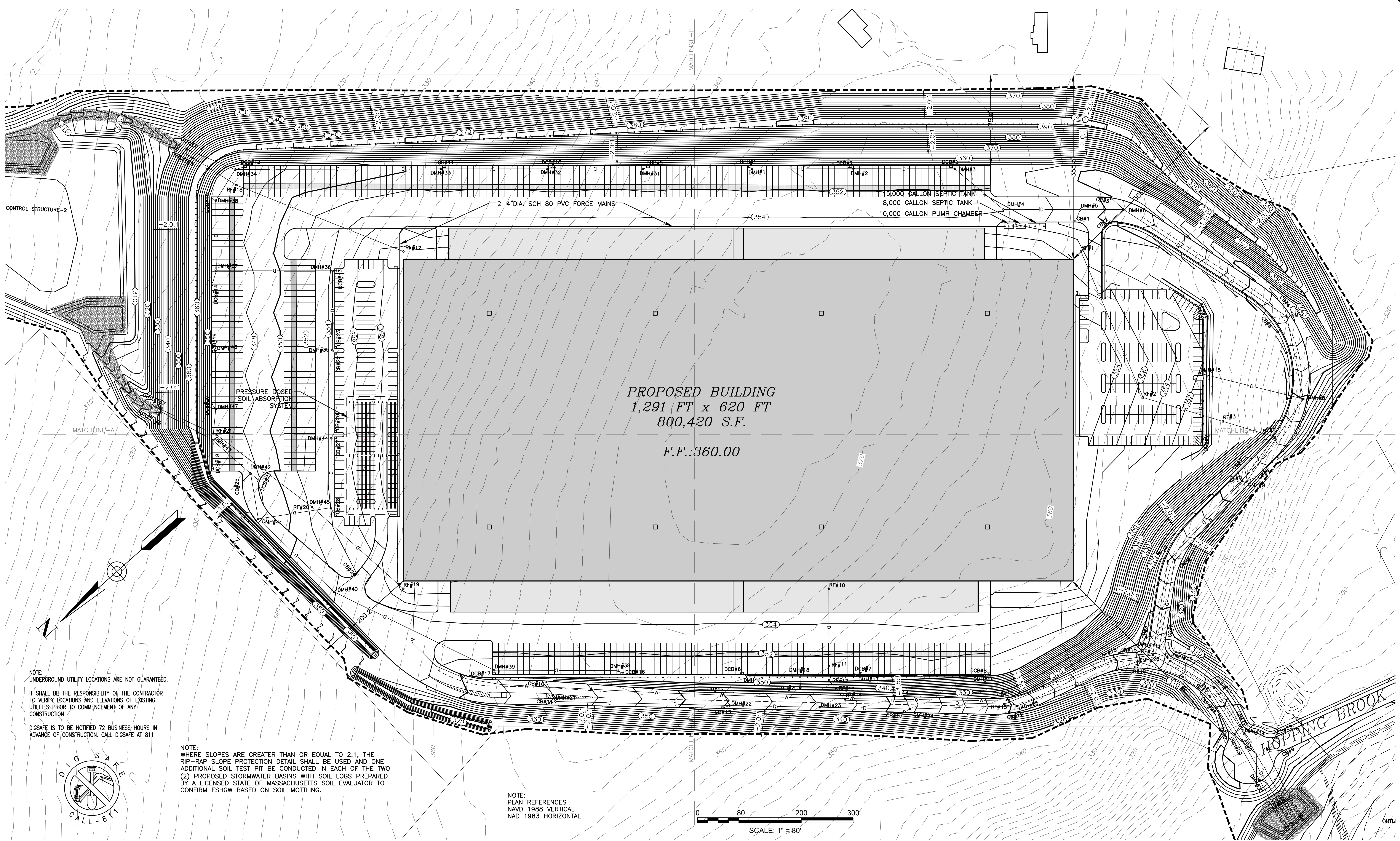
DEFINITIVE PLAN NO.:

7 of 35

7

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NOTE:
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IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING
UTILITIES PRIOR TO COMMENCEMENT OF ANY
CONSTRUCTION

DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN
ADVANCE OF CONSTRUCTION. CALL DIGSAFE AT 811

NOTE:
WHERE SLOPES ARE GREATER THAN OR EQUAL TO 2:1, THE
RIP-RAP SLOPE PROTECTION DETAIL SHALL BE USED AND ONE
ADDITIONAL SOIL TEST PIT BE CONDUCTED IN EACH OF THE TWO
(2) PROPOSED STORMWATER BASINS WITH SOIL LOGS PREPARED
BY A LICENSED STATE OF MASSACHUSETTS SOIL EVALUATOR TO
CONFIRM ESHGW BASED ON SOIL MOTTILING.

NOTE:
PLAN REFERENCES
NAVD 1988 VERTICAL
NAD 1983 HORIZONTAL

SCALE: 1" = 80'

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RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS,
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ENGINEERING DESIGN CONSULTANTS, INC.'S LIABILITY FOR
THIS PLAN IS LIMITED TO THE EXTENT OF ITS FEE LESS
THIRD PARTY COSTS.

DRAWN BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REVISIONS	
REV	DATE
1	1/28/21
2	1/29/21
3	2/5/20
4	11/16/19

NEW SITE LAYOUT
PEER REVIEW COMMENTS
PEER REVIEW COMMENTS
ISSUED FOR REVIEW
DESCRIPTION



PREPARED BY:



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

GRADING & UTILITIES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE(8)

SCALE: 1" = 80'

DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO.:

8 of 35

8

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NOTE:
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RIP-RAP SLOPE PROTECTION DETAIL SHALL BE USED

NOTE:
PLAN REFERENCES
NAVD 1988 VERTICAL
NAD 1983 HORIZONTAL

N/F
KASE, RICHARD L(L/E) & SANDRA
PARCEL ID: 005.0-0004-0039.0
DEED BK 24332 / PAGE 0047

PROPOSED BUILDING
1,291 FT x 620 FT
800,420 S.F.
F.F.:360.00

SCALE: 1" = 40'

ENGINEERING DESIGN CONSULTANTS, INC. SHALL NOT BE
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DRAWN BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REV	DATE	DESCRIPTION
3	2/5/21	ISSUED FOR REVIEW
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PREPARED BY:



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

GRADING & UTILITIES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE

G&D (3)

DATE: NOVEMBER 16, 2019

DEFINITE PLAN NO.:

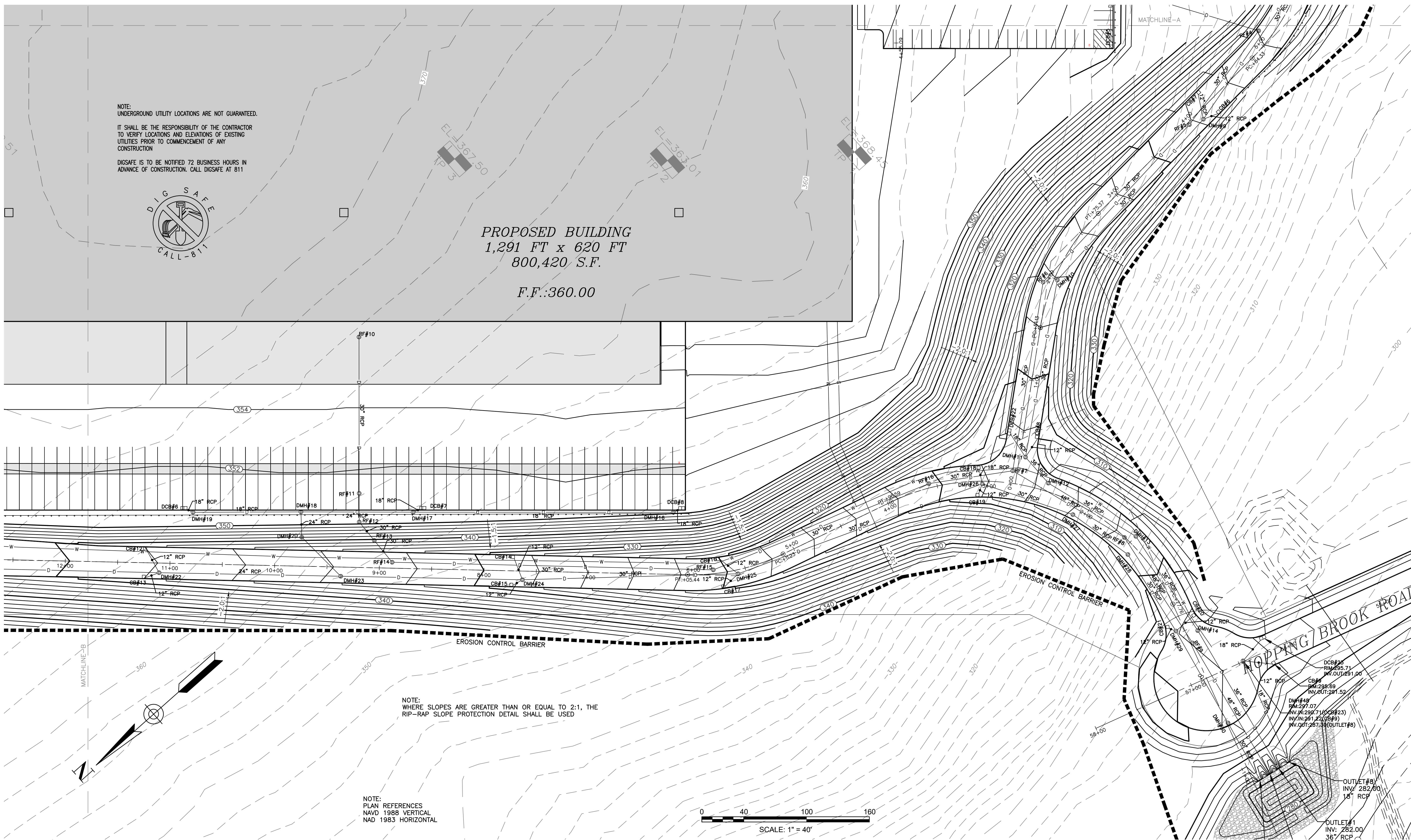
9 of 35

9

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CONSTRUCTION
DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN
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PROPOSED BUILDING
1,291 FT x 620 FT
800,420 S.F.
F.F.:360.00



NOTE:
WHERE SLOPES ARE GREATER THAN OR EQUAL TO 2:1, THE
RIP-RAP SLOPE PROTECTION DETAIL SHALL BE USED

NOTE:
PLAN REFERENCES
NAVD 1988 VERTICAL
NAD 1983 HORIZONTAL

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MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, WITHOUT THE PRIOR WRITTEN PERMISSION OF ENGINEERING DESIGN CONSULTANTS, INC. ANY
VIOLATION OF THIS STATEMENT OF WORK SHALL BE CONSIDERED A BREACH OF CONTRACT. THE WRITTEN PERMISSION OF ENGINEERING DESIGN CONSULTANTS, INC. SHALL RENDER THIS WARNING AND DISCLAIMER
INEFFECTIVE.

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REVISIONS			
REV	DATE	DESCRIPTION	
1	2/5/21	ISSUED FOR REVIEW	
2	3/2/20	PEER REVIEW COMMENTS	
3	2/5/20	PEER REVIEW COMMENTS	
4	11/16/19	ISSUED FOR REVIEW	
5			

DRWN BY:	WML
CHKD BY:	PSB
APPROV BY:	PSB



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

GRADING & UTILITIES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

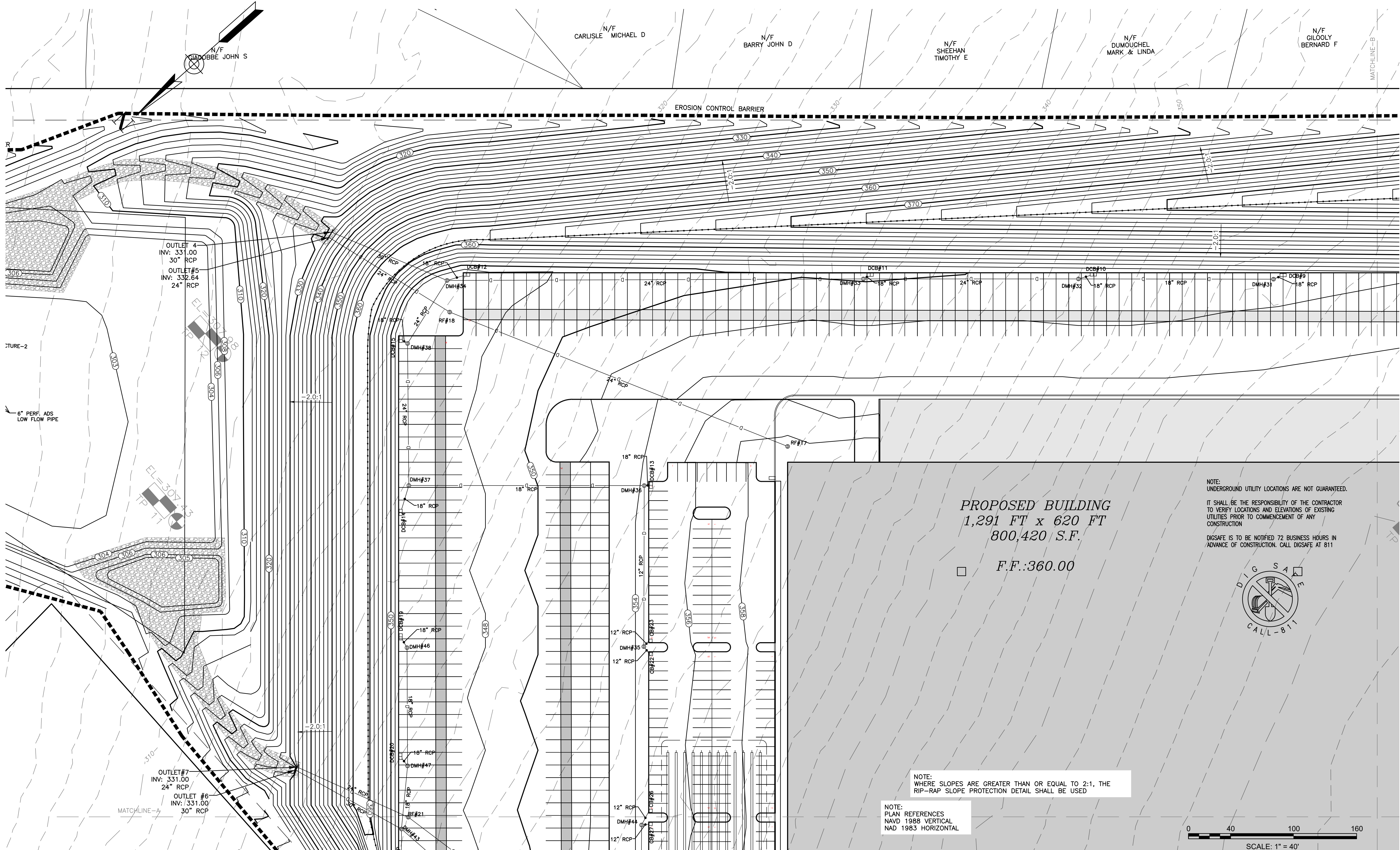
FILE NO: 3724 GRADING DRAINAGE
G&U(1)

DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

10 of 35
10

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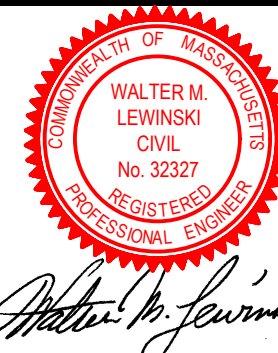
ENGINEERING DESIGN CONSULTANTS, INC. SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTORS EMPLOYEES, OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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DRAWN BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REVISIONS	
REV #	DATE
3	2/5/21
2	3/2/20
1	2/5/20
0	11/16/19

ISSUED FOR REVIEW
PEER REVIEW COMMENTS
PEER REVIEW COMMENTS
ISSUED FOR REVIEW



PREPARED BY:



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

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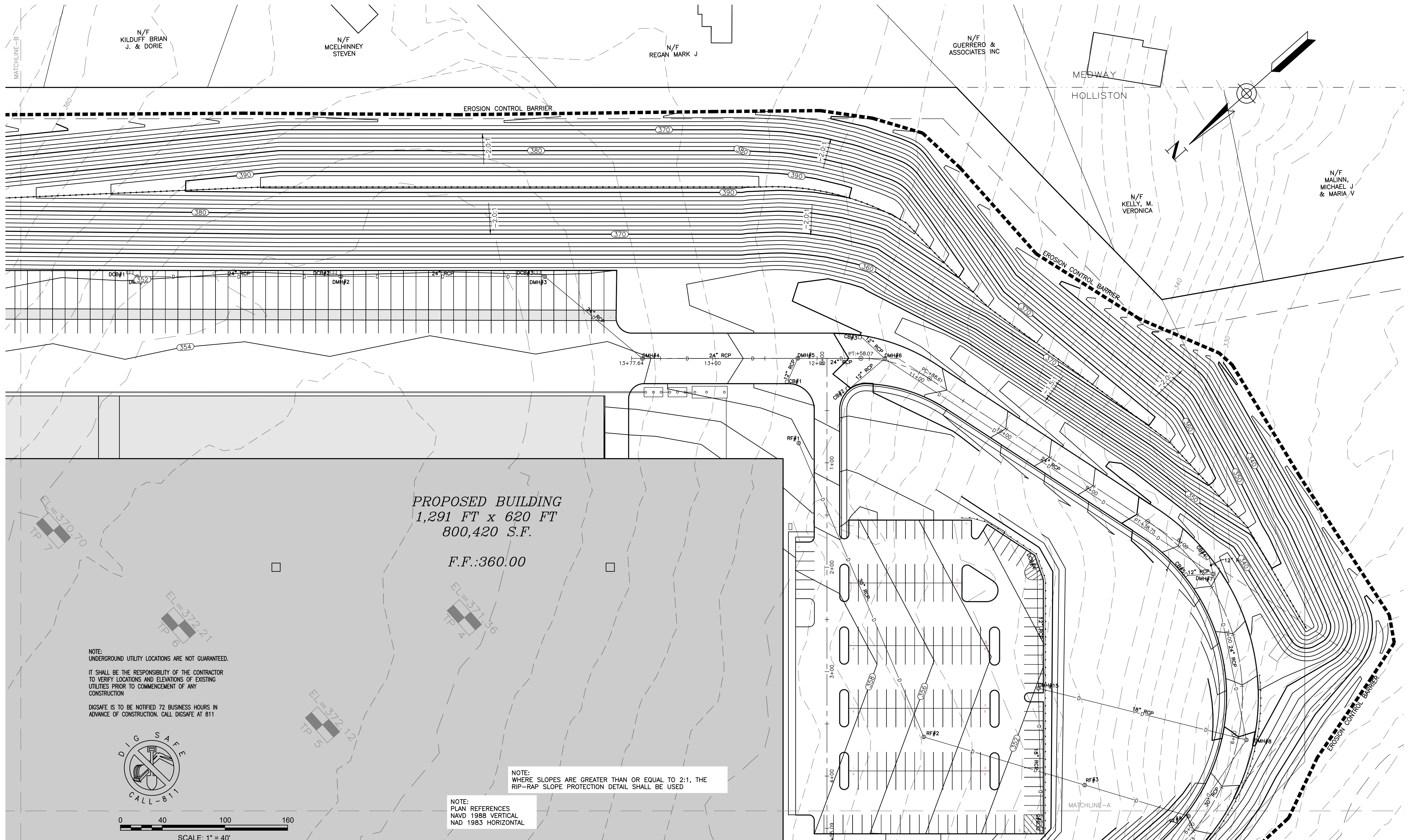
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DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

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11

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4	11/16/19	ISSUED FOR REVIEW



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FILE NO: 3724 GRADING DRAINAGE

G&D (2)

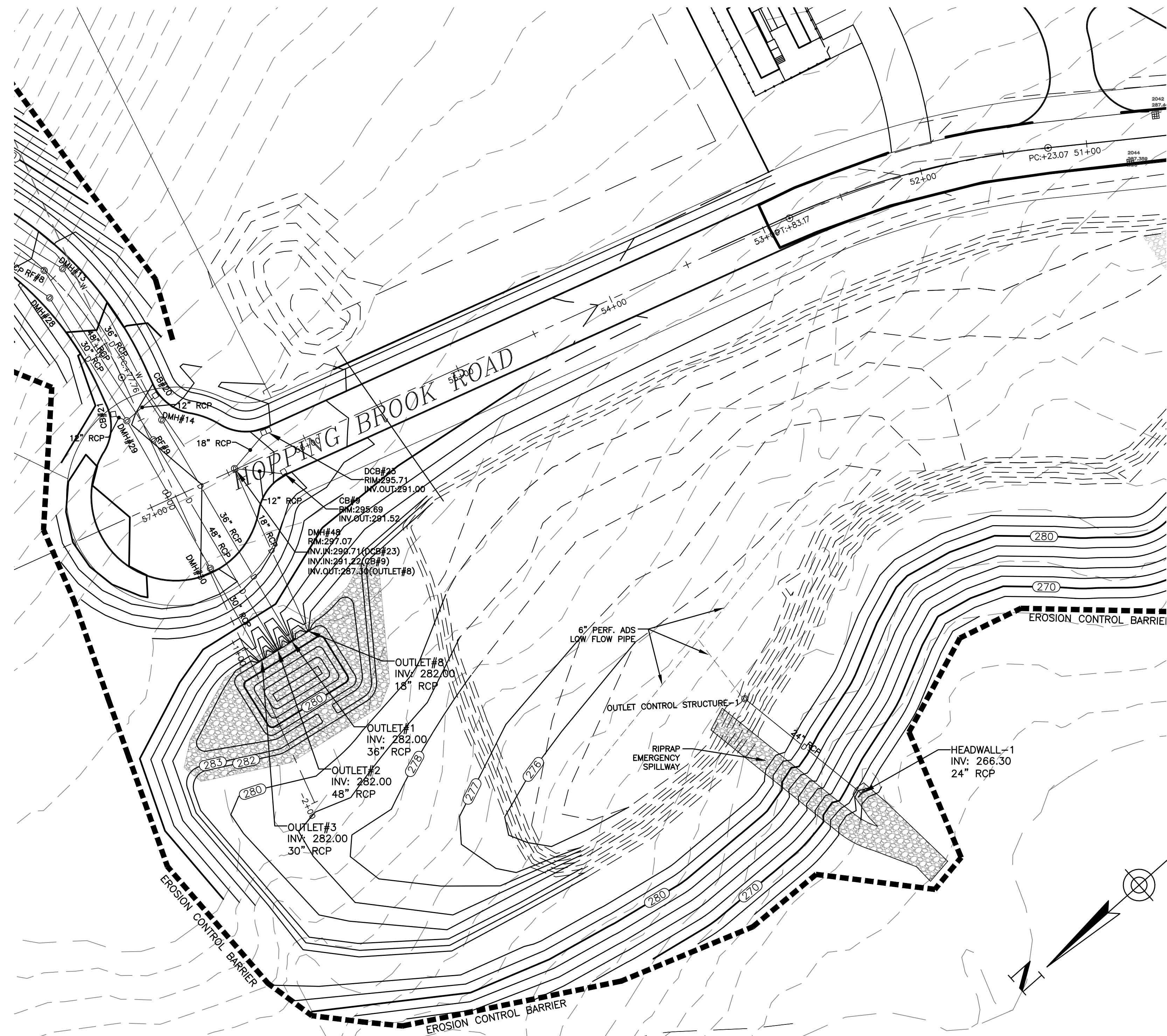
DATE: NOVEMBER 16, 2019

DEFINITE PLAN NO:

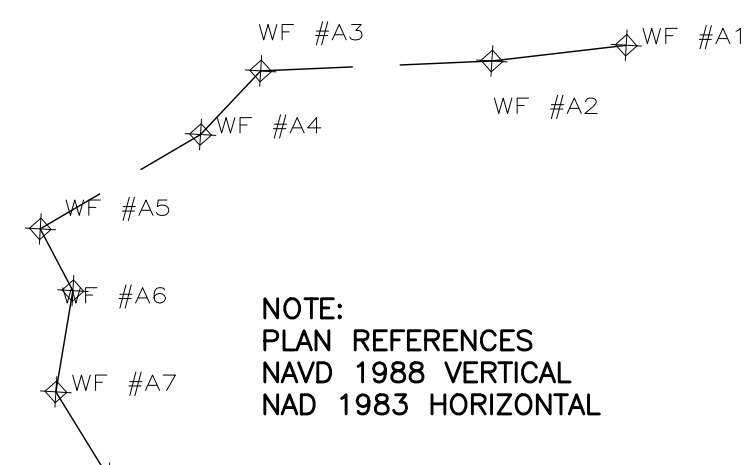
12 of 35

12

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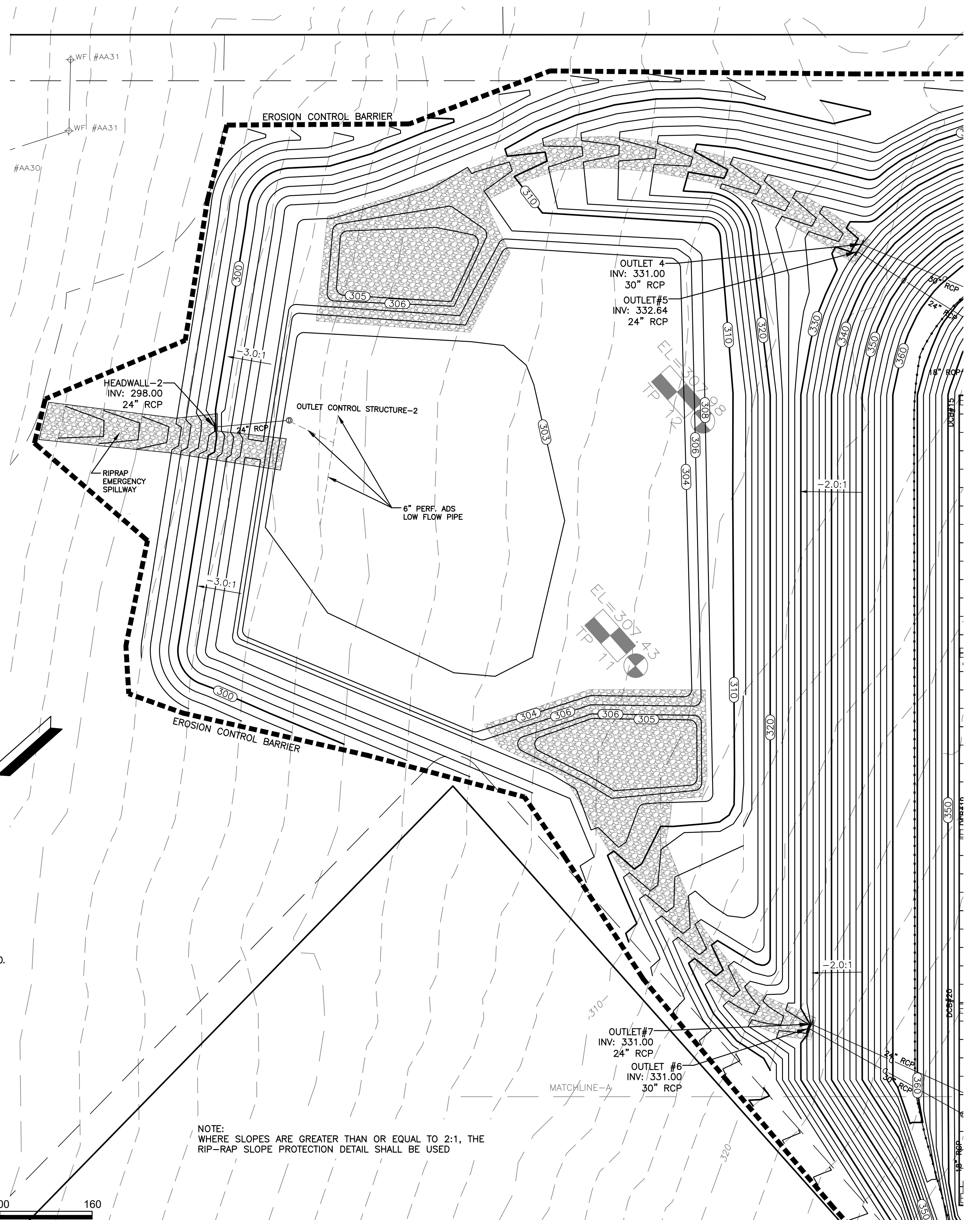
CONDITION: WITH THE NEED TO ENLARGE THIS BASIN IT WILL BE THE RESPONSIBILITY OF THE 555 HOPPING BROOK SITE TO RECONSTRUCT THE BASIN AS INDICATED WITH NEW OUTLET CONTROL STRUCTURE AND PROVIDE THE REQUISITE AS-BUILT DRAWINGS FOR RECORD.



NOTE:
UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED.
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION. CALL DIGSAFE AT 811



0 40 100 160
SCALE: 1" = 40'



NOTE:
WHERE SLOPES ARE GREATER THAN OR EQUAL TO 2:1, THE RIP-RAP SLOPE PROTECTION DETAIL SHALL BE USED

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DRAWN BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

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3	2/5/20	PEER REVIEW COMMENTS	
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PREPARED BY:



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32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

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Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE

G&U (5)

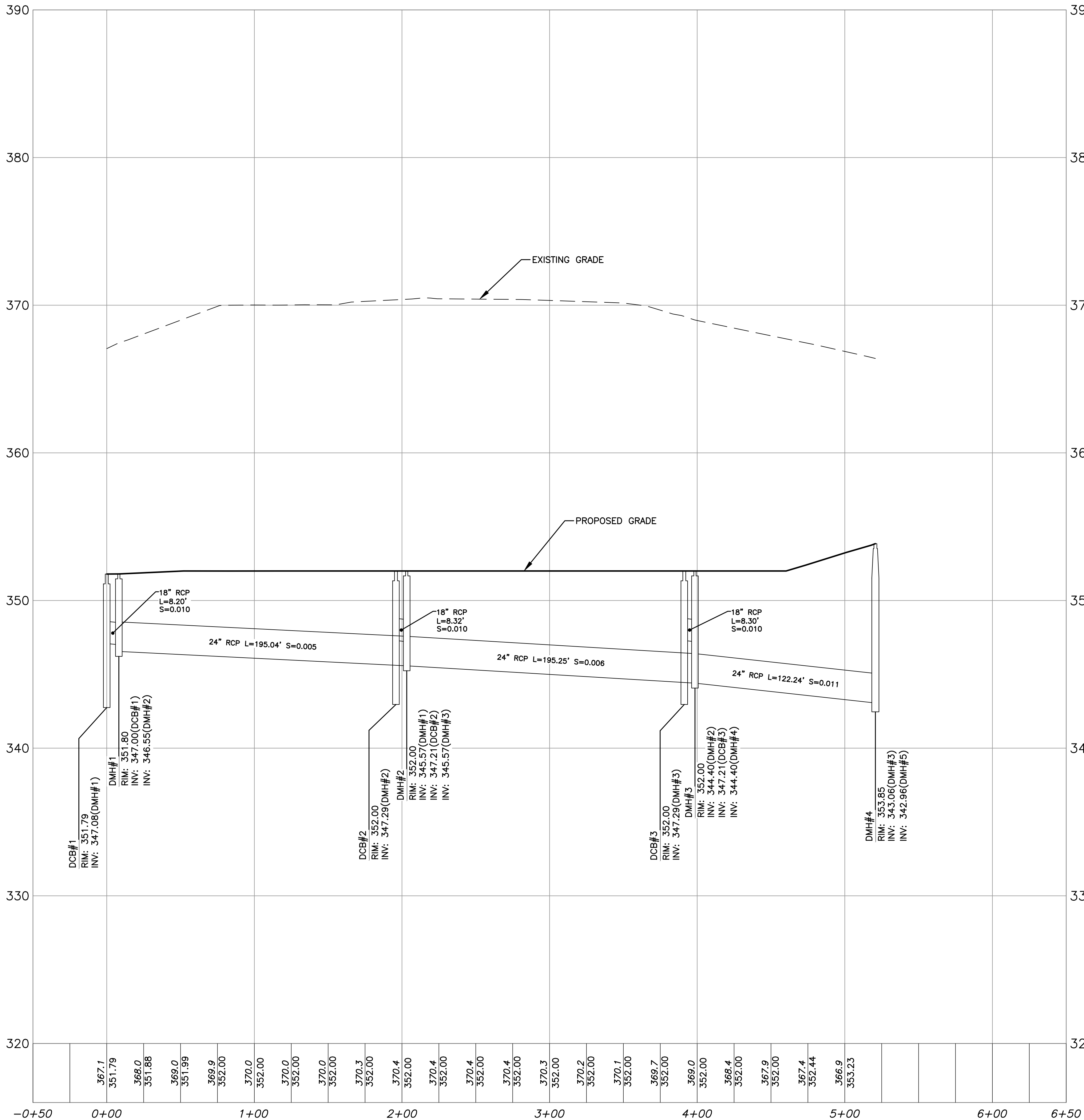
DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

13 of 35

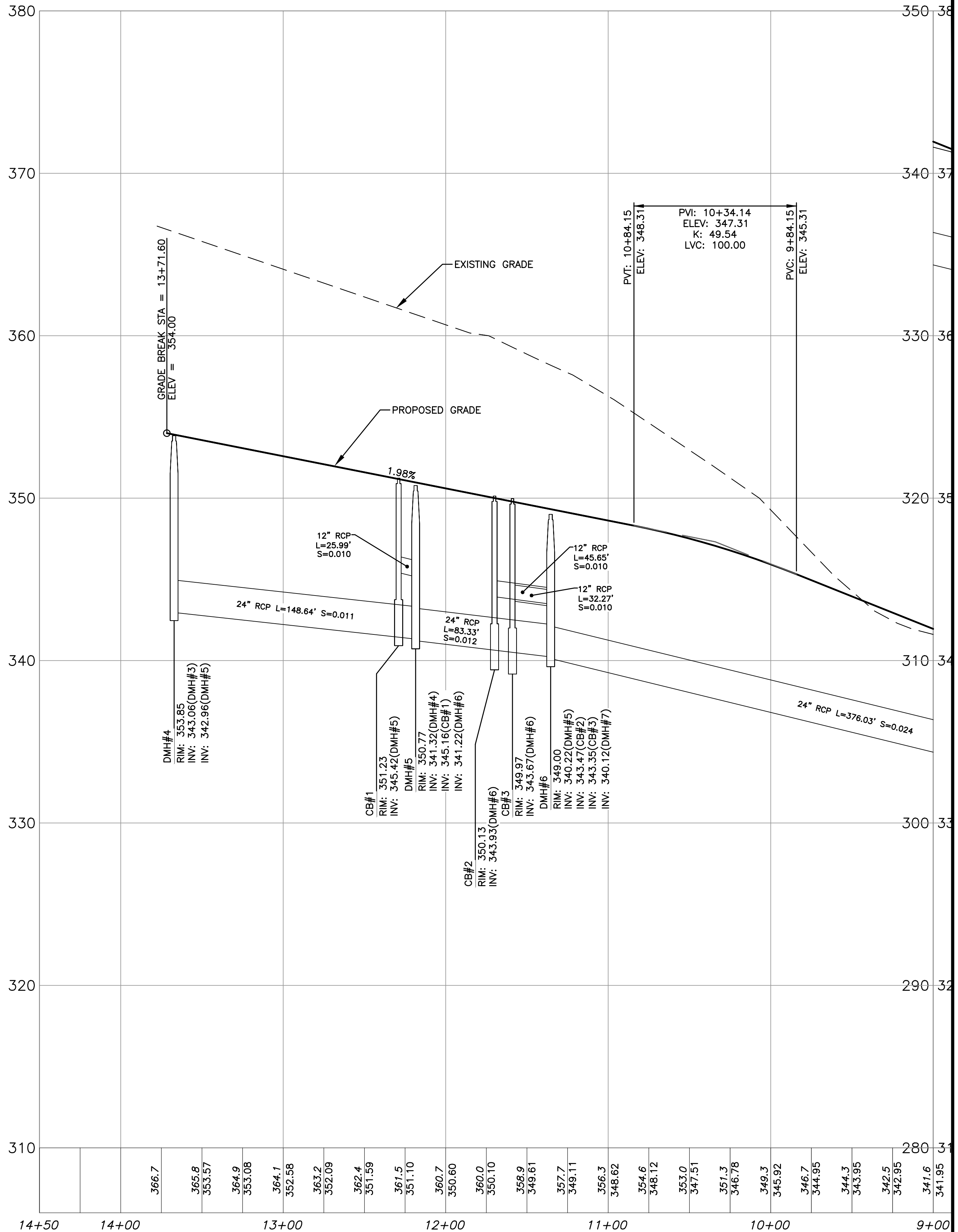
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NOTE:
PLAN REFERENCES
NAVD 1988 VERTICAL
NAD 1983 HORIZONTAL

DCB#1 TO DMH#4
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'



555 SOUTH
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

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3	2/5/20	PEER REVIEW COMMENTS
4	11/16/19	ISSUED FOR REVIEW



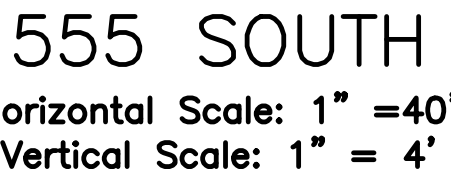
Engineering Design Consultants, Inc.
32 Tumpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

PROFILES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE
PROF(1)
DATE: NOVEMBER 16, 2019
DEFINITE PLAN NO:
14 of 35
14

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NOTE:
PLAN REFERENCES
NAVD 1988 VERTICAL
NAD 1983 HORIZONTAL

Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

555 SOUTH
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

TITLE:

OWNER/APPLICANT:

DATE: NOVEMBER 16, 2019

ENGINEERING DESIGN CONSULTANTS, INC.'S LIABILITY FOR THIS PLAN IS LIMITED TO THE EXTENT OF ITS FEE LESS THIRD PARTY COSTS.

DRWN BY:	WML
CHK'D BY:	PSB
APRVD BY:	PSB

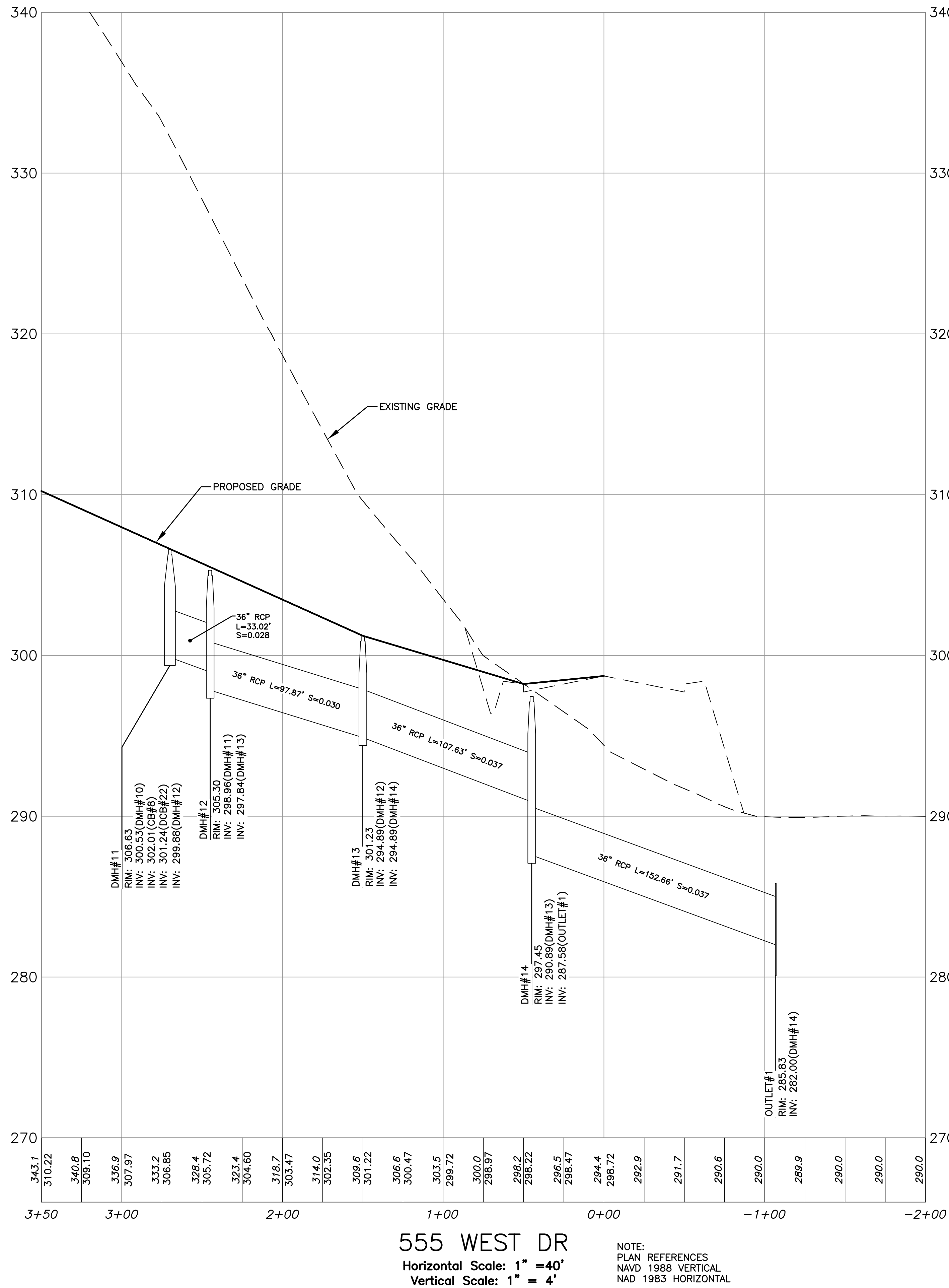
PREPARED BY:

EDC

PROJECT

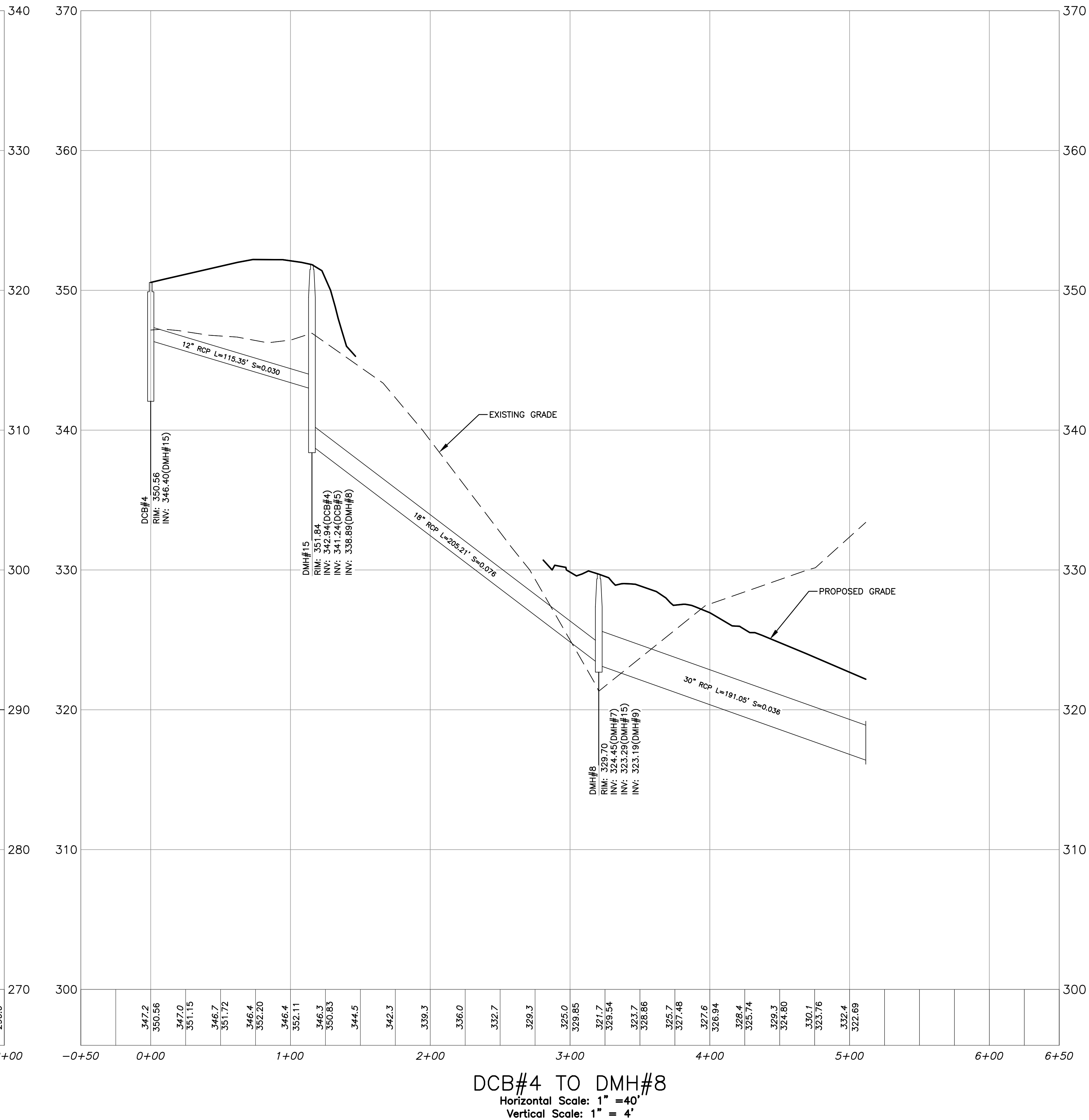
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555 WEST DR
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

NOTE:
PLAN REFERENCES
NAVD 1988 VERTICAL
NAD 1983 HORIZONTAL



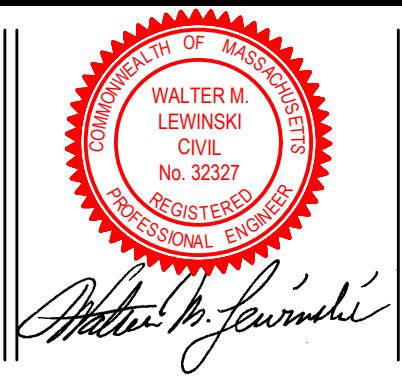
DCB#4 TO DMH#8
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

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1	3	2/5/21	2/5/21	ISSUED FOR REVIEW	
2	1	3/2/20	3/2/20	PEER REVIEW COMMENTS	
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4	0	11/16/19	11/16/19	ISSUED FOR REVIEW	
5	0				

DRWN BY: WML	CHKD BY: PSB	APRD BY: PSB
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Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

PROFILES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE

PROF(3)

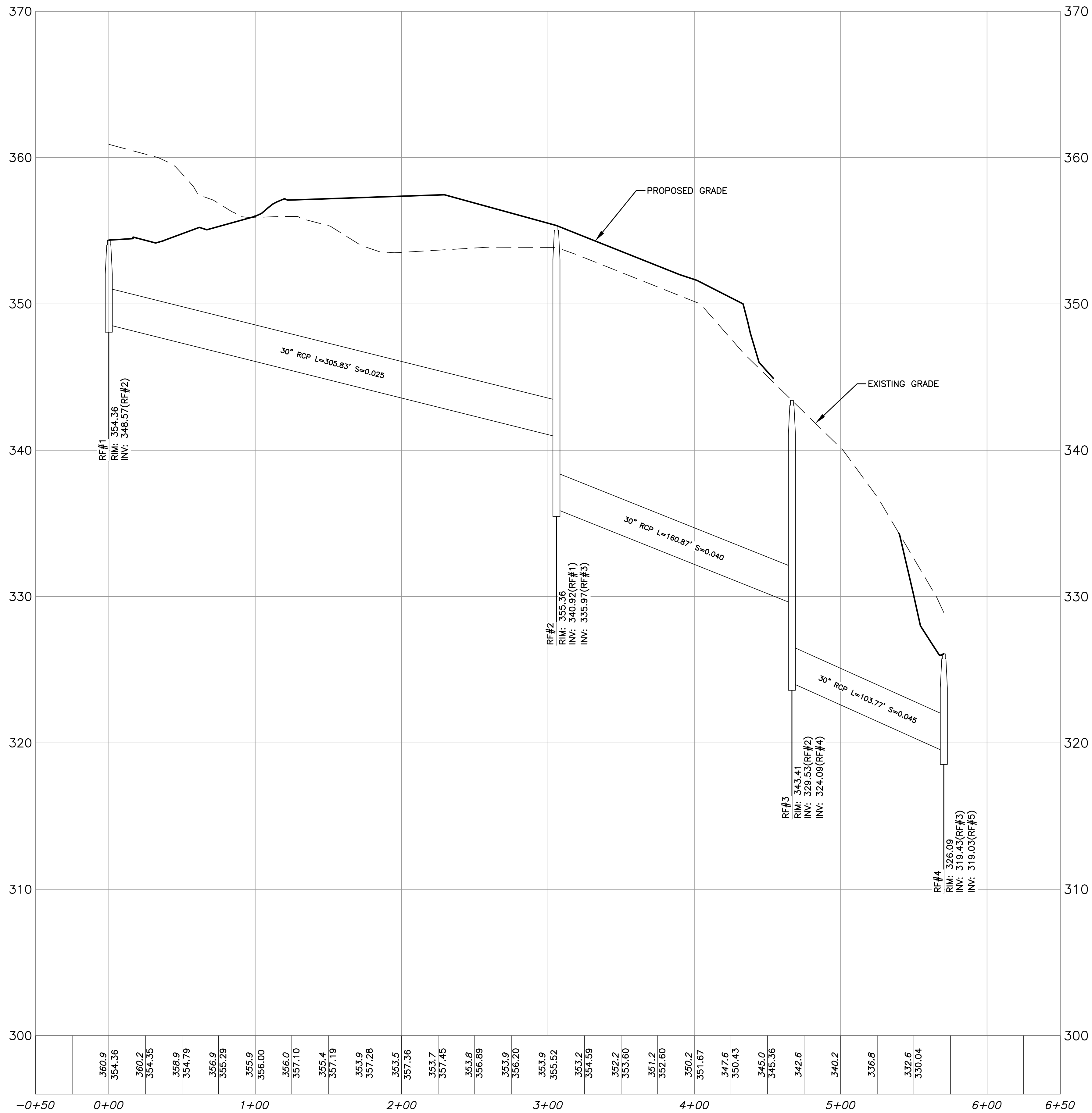
DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

16 of 35

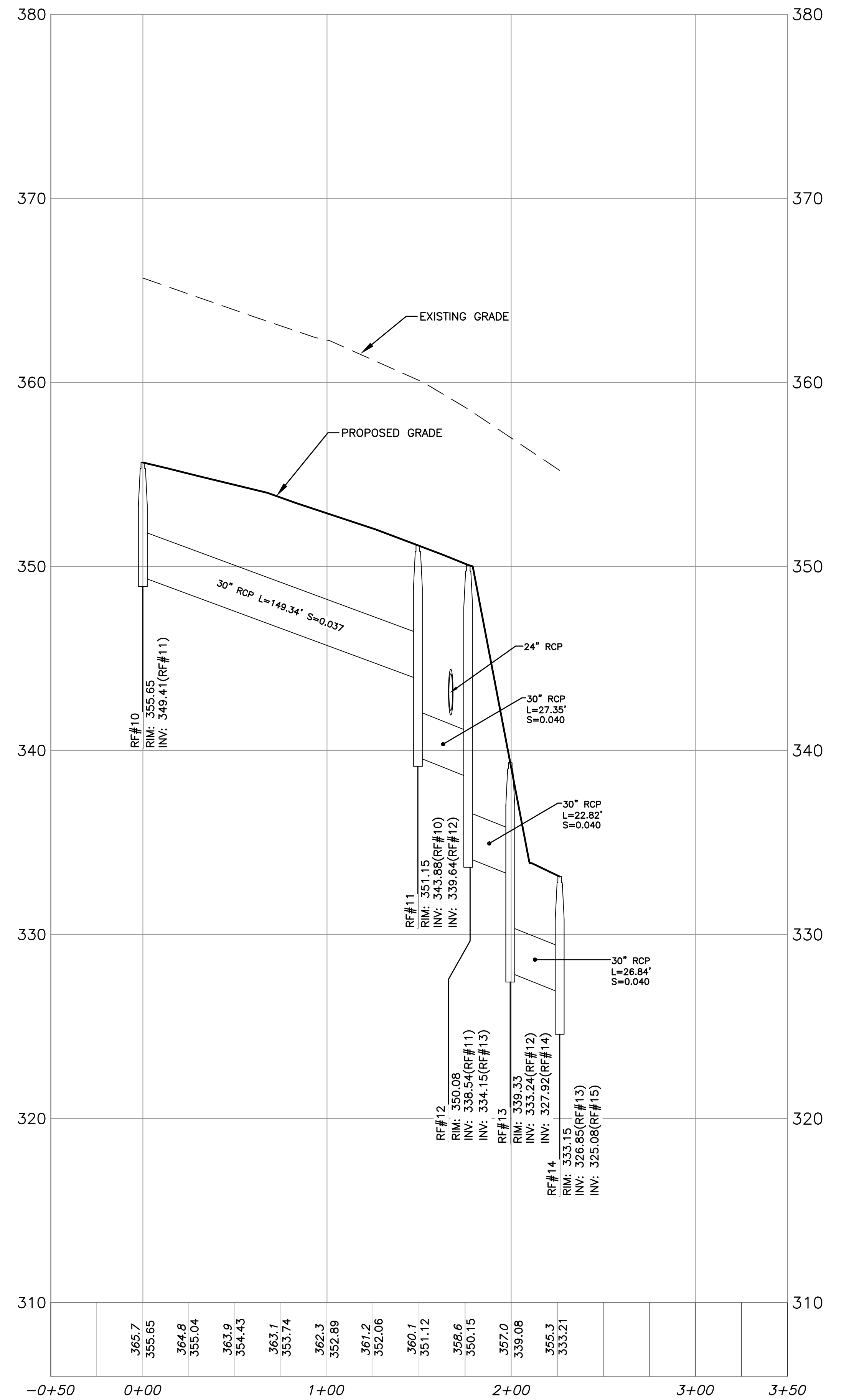
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RF#1 TO RF#4
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Vertical Scale: 1" = 4'

NOTE:
PLAN REFERENCES
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NAD 1983 HORIZONTAL



RF#10 TO RF#14
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

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CHECKED BY: PSB
APPROVED BY: PSB

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PREPARED BY:



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Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE

PROF(4)

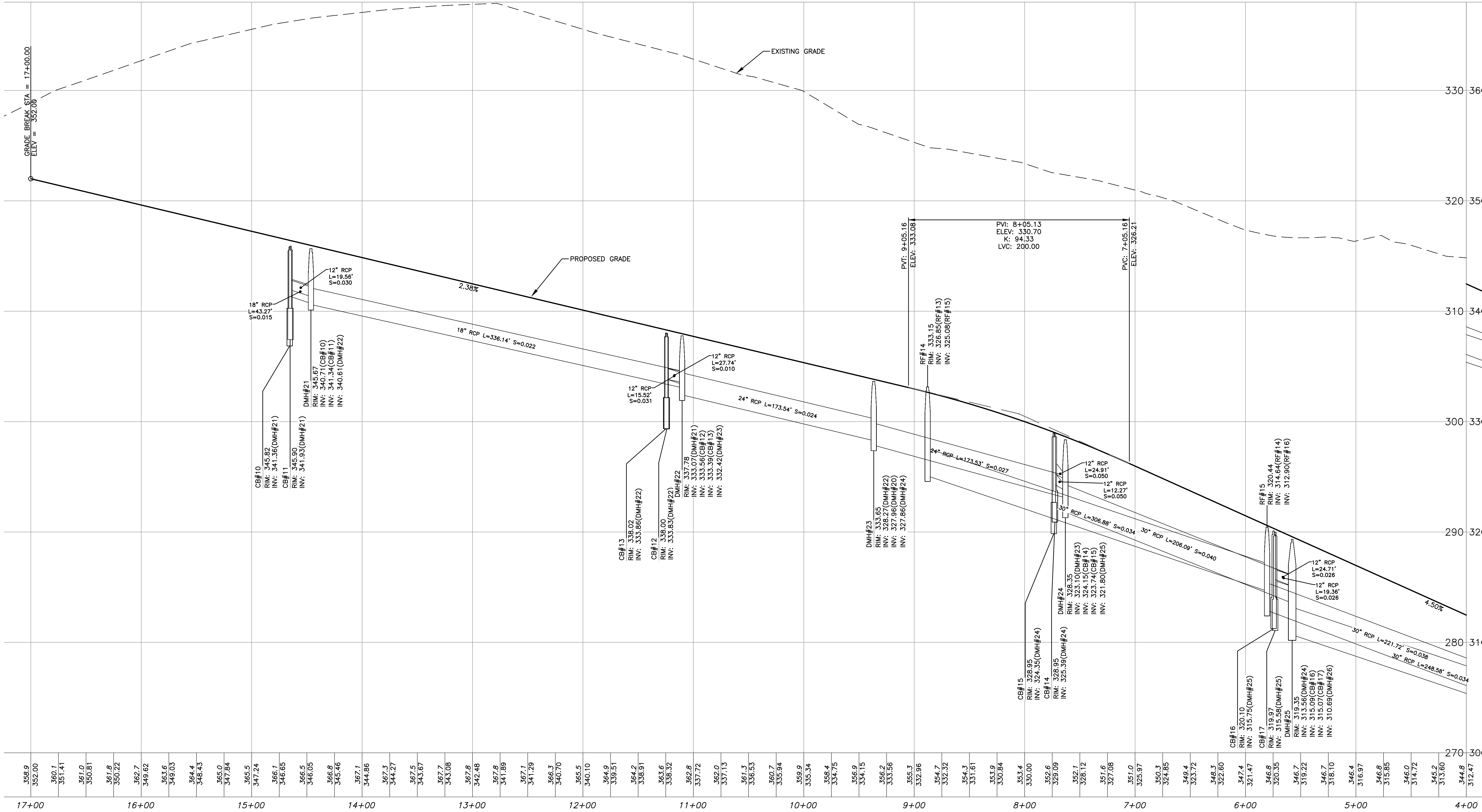
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DEFINITE PLAN NO:

17 of 35

17

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555 WEST DR
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HOLLISTON, MASSACHUSETTS

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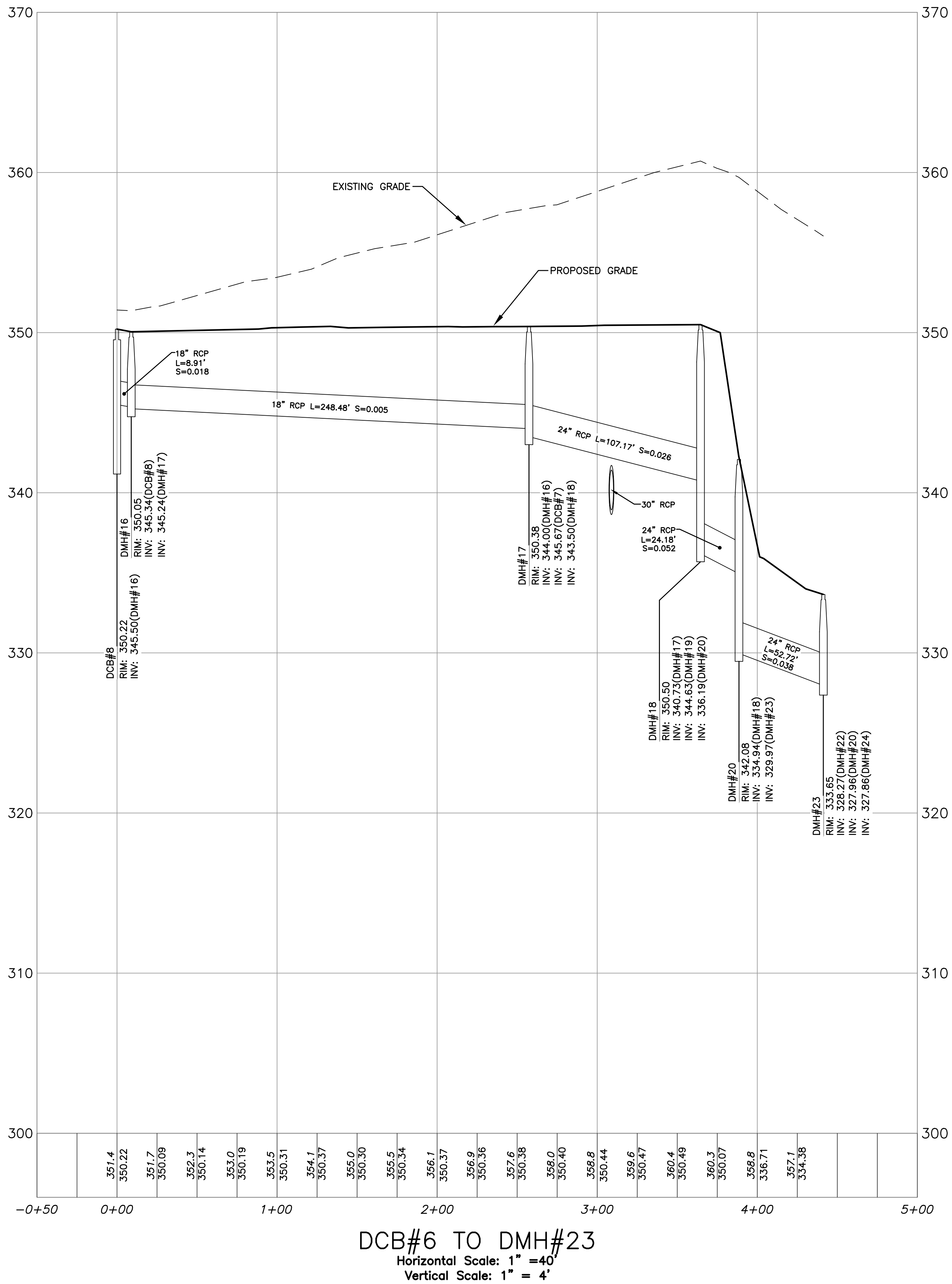
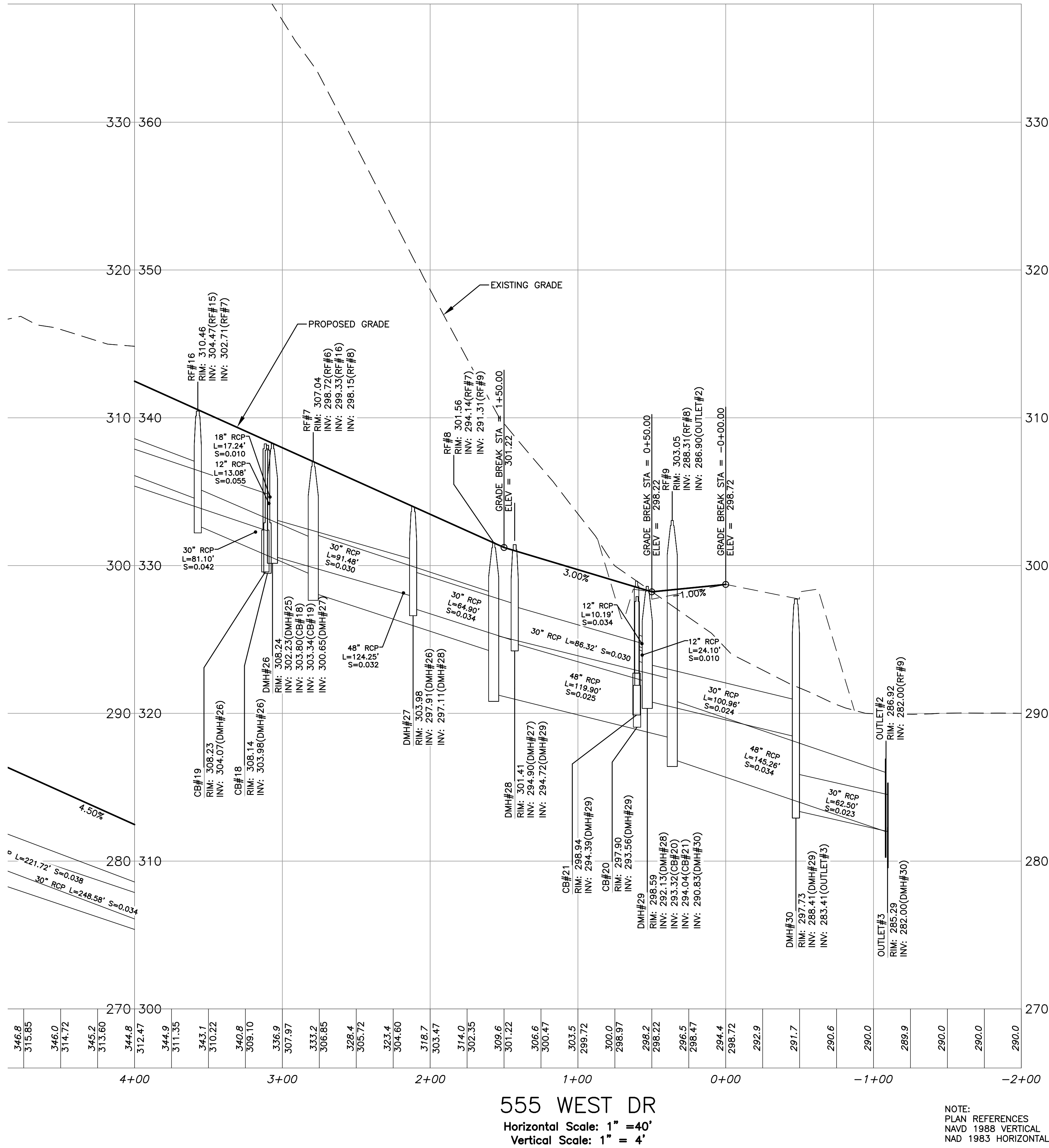
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18

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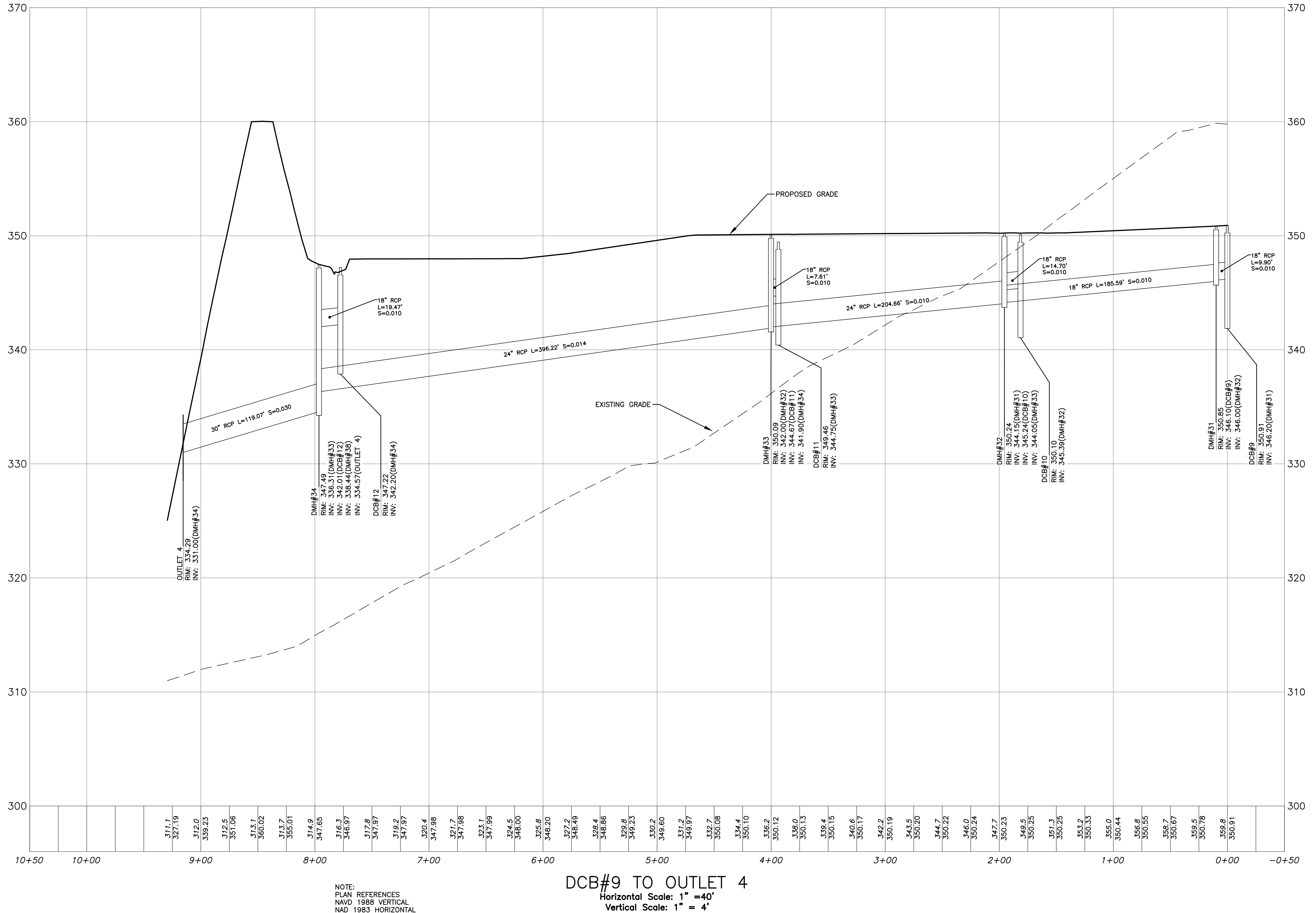
PREPARED BY:
EDC
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PROF(6)
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DEFINITIVE PLAN NO:
19 of 35
19

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CHKD BY:	PSB
APPRD BY:	PSB



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FILE NO.: 3724 GRADING DRAINAGE
PROF(7)

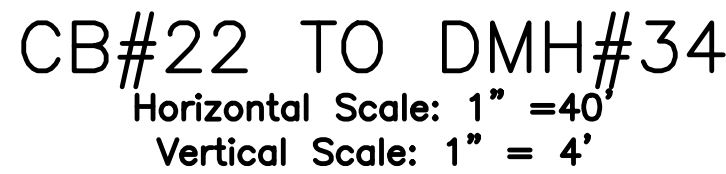
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DEFINITIVE PLAN NO.:

20 of 35

20

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REVISIONS		
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2	3/2/20	PEER REVIEW COMMENTS
1	2/5/20	PEER REVIEW COMMENTS
0	11/16/19	ISSUED FOR REVIEW



EDC

Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

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(MIDDLESEX COUNTY)

OWNER / APPLICANT:

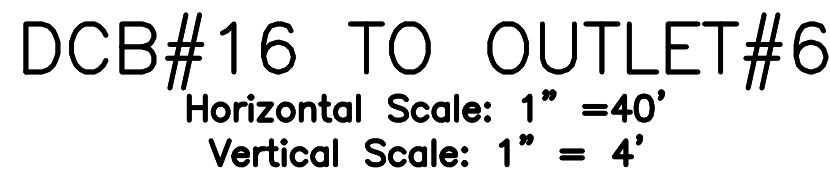
CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO.:

21

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NOTE:
PLAN REFERENCES
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EDC

Engineering Design Consultants
32 Turnpike Road
Southborough, Massachusetts

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

OWNER/APPLICANT

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

FILE NO.: 3724 GRADING DRAINAGE
PROF(9)

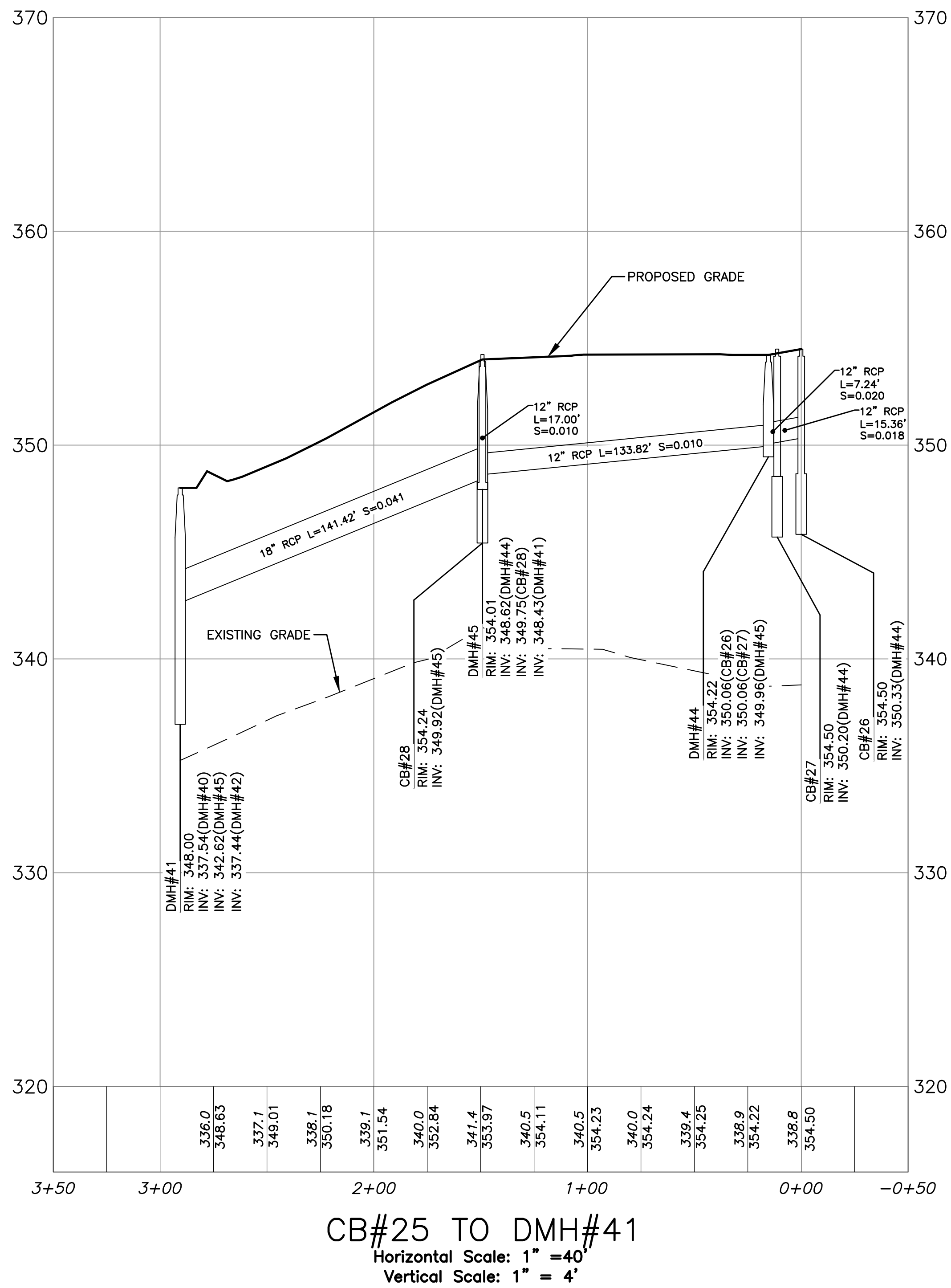
DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO.: 88 25

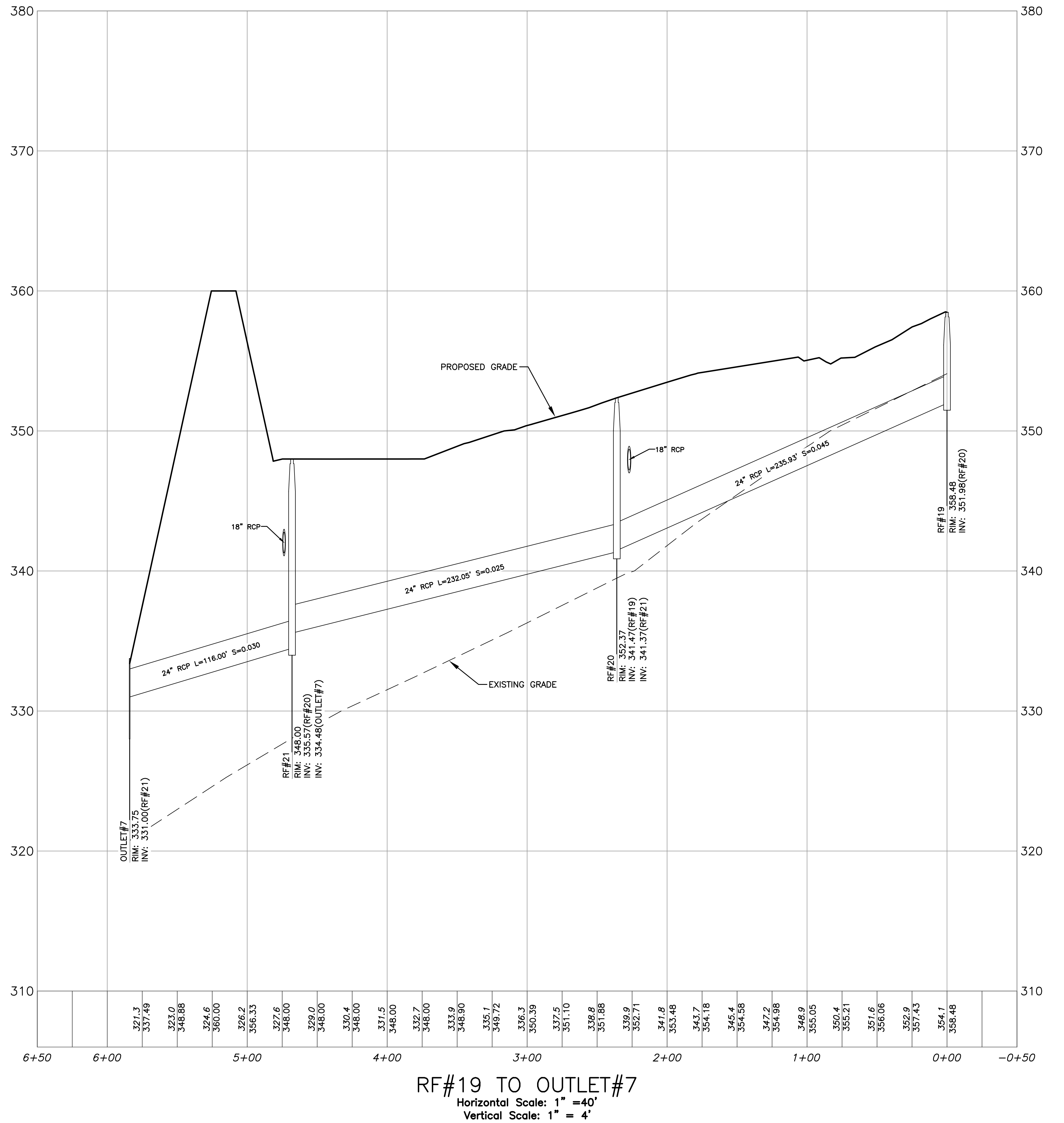
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DESIGNED BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REV	DATE	DESCRIPTION
1	2/5/21	ISSUED FOR REVIEW
2	3/2/20	PEER REVIEW COMMENTS
3	2/5/20	PEER REVIEW COMMENTS
4	11/16/19	ISSUED FOR REVIEW



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

PROFILES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

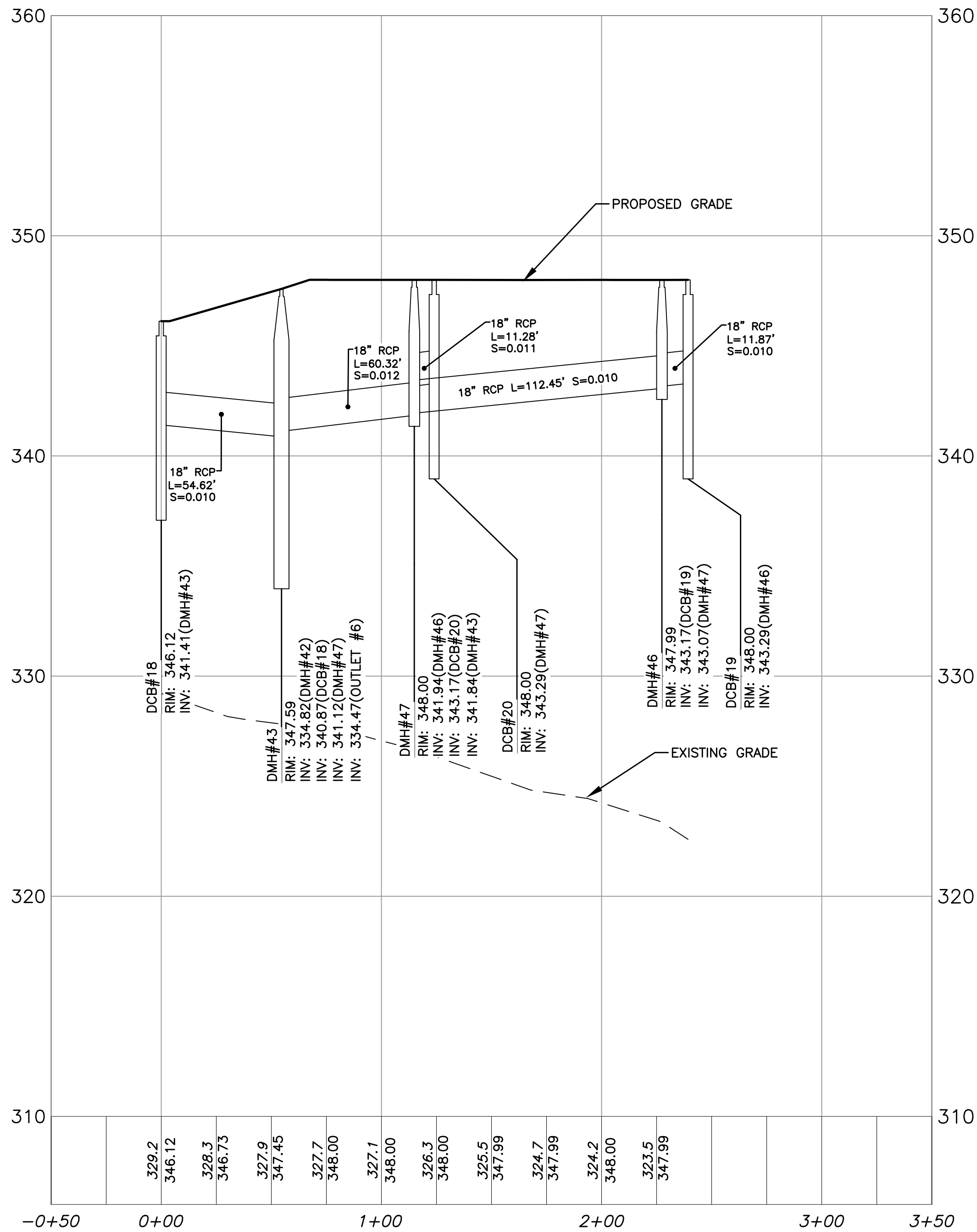
FILE NO: 3724 GRADING DRAINAGE
PROF(10)

DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

23 of 35
23

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DCB#19 TO DMH#43
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'

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DESIGNED BY: WML
CHECKED BY: PSB
APPROVED BY: PSB

REV	DATE	DESCRIPTION
1	2/5/21	ISSUED FOR REVIEW
2	3/2/20	PEER REVIEW COMMENTS
3	2/5/20	PEER REVIEW COMMENTS
4	11/16/19	ISSUED FOR REVIEW



PREPARED BY:



Engineering Design Consultants, Inc.
32 Tumpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

PROFILES
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 GRADING DRAINAGE

PROF(11)

DATE: NOVEMBER 16, 2019

DEFINITIVE PLAN NO:

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OUTLET #1

LineID	DrainArea (ac)	TotalArea (ac)	RunoffCoeff (C)	InletTime (min)	PipeTravel (min)	TcSystem (min)	iSyst (in/hr)	TotalRunoff (cfs)	Capac.Full (cfs)	LineSize (in)	LineLength (ft)	LineSlope (ft/ft)	DepthDn (ft)	VelAve (ft/s)	n-valuePipe	InvertUp (ft)	InvertDn (ft)	RimElev Up (ft)
CB#8 to DMH#11 (DSS)	0.15	0.15	0.95	5.00	0.06	5.00	8.71	1.24	7.12	12	22.82	0.040	1.00	2.49	0.013	302.92	302.01	308.00
CB#7 to DMH#9 (DSS)	0.98	0.98	0.46	5.00	0.05	5.00	8.71	3.93	6.57	12	27.21	0.034	0.63	6.58	0.013	318.49	317.57	322.65
CB#6 to DMH#9 (DSS)	0.14	0.14	0.95	5.00	0.04	5.00	8.71	1.16	6.57	12	16.45	0.034	0.34	4.17	0.013	318.49	317.93	322.65
DCB#5 to DMF#15 (DSS)	0.92	0.92	0.95	5.00	0.22	5.00	8.71	7.61	19.92	18	136.00	0.036	0.68	7.78	0.013	346.14	341.24	350.34
DCB#4 to DMF#15 (DSS)	0.68	0.68	0.95	5.00	0.22	5.00	8.71	5.63	6.17	12	115.35	0.030	0.77	7.99	0.013	346.40	342.94	350.56
DMH#15 to DMH#8 (DSS)	0.00	1.60	0.00	0.00	0.22	5.20	8.51	12.94	28.95	18	205.21	0.076	1.50	7.52	0.013	338.89	323.29	351.84
CB#5 to DMH#7 (DSS)	0.83	0.83	0.69	5.00	0.06	5.00	8.71	4.99	5.28	12	27.14	0.022	0.83	6.90	0.013	331.67	331.07	336.50
CB#2 to DMH#6 (DSS)	0.21	0.21	0.80	5.00	0.18	5.00	8.71	1.46	3.56	12	45.65	0.010	0.46	3.86	0.013	343.93	343.47	350.13
CB#1 to DMH#5 (DSS)	0.29	0.29	0.70	5.00	0.10	5.00	8.71	1.77	3.56	12	26.00	0.010	0.52	4.06	0.013	345.42	345.16	351.23
DCB#2 to DMH#2 (DSS)	1.27	1.27	0.87	5.00	0.02	5.00	8.71	9.62	10.51	18	8.32	0.010	1.50	5.45	0.013	347.29	347.21	352.00
DCB#1 to DMH#1 (DSS)	1.16	1.16	0.87	5.00	0.02	5.00	8.71	8.79	10.51	18	8.20	0.010	1.50	4.97	0.013	347.08	347.00	351.79
DMH#1 to DMH#2 (DSS)	0.00	1.16	0.00	0.00	0.62	5.00	8.69	8.77	16.03	24	195.04	0.005	2.00	2.79	0.013	346.55	345.57	351.80
DMH#2 to DMH#3 (DSS)	0.00	2.43	0.00	0.00	0.51	5.60	8.16	17.25	17.51	24	195.25	0.006	2.00	5.49	0.013	345.57	344.40	352.00
DCB#3 to DMH#3 (DSS)	1.02	1.02	0.87	5.00	0.02	5.00	8.71	7.73	10.50	18	8.30	0.010	1.44	4.49	0.013	347.29	347.21	352.00
DMH#3 to DMH#4 (DSS)	0.00	3.45	0.00	0.00	0.24	6.20	7.78	23.36	23.72	24	122.24	0.011	2.00	7.44	0.013	344.40	343.06	352.00
DMH#4 to DMH#5 (DSS)	0.00	3.45	0.00	0.00	0.29	6.40	7.62	22.88	23.72	24	148.64	0.011	2.00	7.28	0.013	342.96	341.32	353.85
DMH#5 to DMH#6 (DSS)	0.00	3.74	0.00	0.00	0.16	6.70	7.44	23.85	24.78	24	83.33	0.012	2.00	7.59	0.013	341.22	340.22	350.77
CB#3 to DMH#6 (DSS)	0.13	0.13	0.95	5.00	0.14	5.00	8.71	1.08	3.56	12	32.27	0.010	0.40	3.48	0.013	343.67	343.35	349.97
DMH#6 to DMH#7 (DSS)	0.00	4.08	0.00	0.00	0.53	6.90	7.35	25.69	35.36	24	376.03	0.024	1.30	10.29	0.013	340.12	330.93	349.00
CB#4 to DMH#7 (DSS)	0.16	0.16	0.95	5.00	0.05	5.00	8.71	1.32	4.99	12	17.28	0.020	0.40	3.99	0.013	332.35	332.01	336.52
DMH#7 to DMH#8 (DSS)	0.00	5.07	0.00	0.00	0.22	7.40	7.06	29.78	36.47	24	162.00	0.026	1.45	11.00	0.013	328.66	324.45	336.18
DMH#8 to DMH#9 (DSS)	0.00	6.67	0.00	0.00	0.22	7.60	6.94	39.87	77.32	30	191.05	0.036	1.37	11.72	0.013	323.19	316.40	329.70
DMH#9 to DMH#10 (DSS)	0.00	7.79	0.00	0.00	0.25	7.80	6.84	43.26	71.03	30	207.49	0.030	1.50	11.74	0.013	314.15	307.93	322.19
DMH#10 to DMH#11 (DSS)	0.00	7.79	0.00	0.00	0.21	8.10	6.72	42.53	72.21	30	171.95	0.031	1.49	11.64	0.013	305.86	300.53	313.85
DCB#22 to DMH#11 (DSS)	1.77	1.77	0.62	5.00	0.04	5.00	8.71	9.56	19.35	18	29.46	0.034	1.50	5.91	0.013	302.24	301.24	307.98
DMH#11 to DMH#12 (DSS)	0.00	9.71	0.00	0.00	0.04	8.30	6.63	50.18	111.10	36	33.02	0.028	1.83	9.94	0.013	299.88	298.96	306.63
DMH#12 to DMH#13 (DSS)	0.00	9.71	0.00	0.00	0.12	8.30	6.62	50.05	115.69	36	97.87	0.030	1.60	10.94	0.013	297.84	294.89	305.30
DMH#13 to DMH#14 (DSS)	0.00	9.71	0.00	0.00	0.12	8.40	6.57	49.68	128.59	36	107.63	0.037	1.50	11.41	0.013	294.89	290.89	301.23
DMH#14 to OUTLET 1 (DSS)	0.00	9.71	0.00	0.00	0.14	8.60	6.52	49.31	135.04	36	136.03	0.041	1.42	11.87	0.013	287.58	282.00	297.35

OUTLET #2

LineID	DrainArea (ac)	TotalArea (ac)	RunoffCoeff (C)	InletTime (min)	PipeTravel (min)	TcSystem (min)	iSyst (in/hr)	TotalRunoff (cfs)	Capac.Full (cfs)	LineSize (in)	LineLength (ft)	LineSlope (ft/ft)	DepthDn (ft)	VelAve (ft/s)	n-valuePipe	InvertUp (ft)	InvertDn (ft)	RimElev Up (ft)
RF#10 to RF#11 (RS)	5.14	5.14	0.95	5.00	0.15	5.00	8.71	42.53	78.90	30	149.34	0.037	1.44	11.96	0.013	349.41	343.88	355.65
RF#11 to RF#12 (RS)	0.00	5.14	0.00	0.00	0.03	5.20	8.57	41.85	82.02	30	27.35	0.040	1.66	10.67	0.013	339.64	338.54	351.15
RF#12 to RF#13 (RS)	0.00	5.14	0.00	0.00	0.02	5.20	8.55	41.73	82.02	30	22.82	0.040	1.69	10.53	0.013	334.15	333.24	350.08
RF#13 to RF#14 (RS)	0.00	5.14	0.00	0.00	0.03	5.20	8.52	41.63	82.02	30	26.84	0.040	1.66	10.62	0.013	327.92	326.85	339.33
RF#14 to RF#15 (RS)	0.00	5.14	0.00	0.00	0.33	5.20	8.50	41.51	75.63	30	306.88	0.034	1.39	12.03	0.013	325.08	314.64	333.15
RF#15 to RF#16 (RS)	0.00	5.14	0.00	0.00	0.24	5.60	8.22	40.14	79.95	30	221.72	0.038	1.34	12.00	0.013	312.90	304.47	320.44
RF#16 to RF#7 (RS)	0.00	5.14	0.00	0.00	0.09	5.80	8.04	39.24	83.66	30	81.10	0.042	1.40	11.41	0.013	302.71	299.33	310.46
RF#1 to RF#2 (RS)	5.14	5.14	0.95	5.00	0.36	5.00	8.71	42.53	64.85	30	305.83	0.025	1.55	11.35	0.013	348.57	340.92	354.36
RF#2 to RF#3 (RS)	0.00	5.14	0.00	0.00	0.17	5.40	8.39	40.96	82.02	30	160.87	0.040	1.36	12.05	0.013	335.97	329.53	355.36
RF#3 to RF#4 (RS)	0.00	5.14	0.00	0.00	0.11	5.50	8.25	40.29	87.00	30	103.77	0.045	1.36	11.95	0.013	324.09	319.43	343.41
RF#4 to RF#5 (RS)	0.00	5.14	0.00	0.00	0.11	5.60	8.17	39.88	87.00	30	111.41	0.045	2.50	8.57	0.013	319.03	314.01	326.09
RF#5 to RF#6 (RS)	0.00	5.14	0.00	0.00	0.25	5.70	8.08	39.45	71.42	30	205.35	0.030	1.42	11.35	0.013	313.91	307.69	321.72
RF#6 to RF#7 (RS)	0.00	5.14	0.00	0.00	0.20	6.00	7.90	38.57	83.02	30	182.53	0.041	2.50	8.36	0.013	306.20	298.72	313.48
RF#7 to RF#8 (RS)	0.00	10.28	0.00	0.00	0.13	6.20	7.76	75.78	258.06	48	124.25	0.032	1.76	11.55	0.013	298.15	294.14	307.04
RF#8 to RF#9 (RS)	0.00	10.28	0.00	0.00	0.14	6.30	7.67	74.94	227.22	48	119.90	0.025	1.86	10.96	0.013	291.31	288.31	301.56
RF#9 to OUTLET#2 (RS)	0.00	10.28	0.00	0.00	0.13	6.50	7.59	74.08	280.02	48	129.05	0.038	1.66	11.90	0.013	286.90	282.00	297.80

OUTLET #3

LineID	DrainArea (ac)	TotalArea (ac)	RunoffCoeff (C)	InletTime (min)	PipeTravel (min)	TcSystem (min)	iSyst (in/hr)	TotalRunoff (cfs)	Capac.Full (cfs)	LineSize (in)	LineLength (ft)	LineSlope (ft/ft)	DepthDn (ft)	VelAve (ft/s)	n-valuePipe	InvertUp (ft)	InvertDn (ft)	RimElev Up (ft)
CB#21 to DMH#29 (DSW)	0.28	0.28	0.79	5.00	0.02	5.00	8.71	1.93	6.59	12	10.19	0.034	0.90	3.30	0.013	294.39	294.04	302.39
CB#20 to DMH#29 (DSW)	0.45	0.45	0.76	5.00	0.08	5.00	8.71	2.98	3.56	12	24.10	0.010	1.00	3.79	0.013	293.56	293.32	301.56
CB#19 to DMH#26 (DSW)	0.39	0.39	0.76	5.00	0.02	5.00	8.71	2.58	8.38	12	13.08	0.055	1.00	3.91	0.013	304.07	303.34	308.23
CB#18 to DMH#26 (DSW)	1.04	1.04	0.72	5.00	0.05	5.00	8.71	6.52	10.50	18	17.24	0.010	0.93	5.50	0.013	303.98	303.80	308.14
CB#17 to DMH#25 (DSW)	0.38	0.38	0.77	5.00	0.05	5.00	8.71	2.55	5.74	12	19.36	0.026	0.54	5.22	0.013	315.58	315.07	323.58
CB#16 to DMH#25 (DSW)	0.28	0.28	0.79	5.00	0.06	5.00	8.71	1.93	5.78	12	24.71	0.026	0.45	4.84	0.013	315.75	315.09	320.10
DCB#6 to DMH#19 (DSW)	0.91	0.91	0.95	5.00	0.02	5.00	8.71	7.53	12.13	18	9.59	0.013	1.00	5.87	0.013	345.89	345.76	350.61
DMH#19 to DMH#18 (DSW)	0.00	0.91	0.00	0.00	0.27	5.00	8.69	7.51	10.50	18	103.10	0.010	0.96	5.98	0.013	345.66	344.63	350.47
DCB#7 to DMH#17 (DSW)	0.95	0.95	0.95	5.00	0.02	5.00	8.71	7.86	11.99	18	10.02	0.013	1.02	5.97	0.013	345.80	345.67	350.52
DCB#8 to DMH#16 (DSW)	0.47	0.47	0.95	5.00	0.02	5.00	8.71	3.89	13.97	18	8.91	0.018	0.85	4.08	0.013	345.50	345.34	350.22
DMH#16 to DMH#17 (DSW)	0.00	0.47	0.00	0.00	0.98	5.00	8.69	3.88	7.43	18	248.48	0.005	1.06	3.64	0.013	345.24	344.00	350.05
DMH#17 to DMH#18 (DSW)	0.00	1.42	0.00	0.00	0.18	6.00	7.89	10.65	36.38	24	107.17	0.026	0.81	7.29	0.013	343.50	340.73	350.38
DMH#18 to DMH#20 (DSW)	0.00	2.33	0.00	0.00	0.03	6.20	7.77	17.20	51.33	24	24.18	0.052	1.04	8.66	0.013	336.19	334.94	350.50
DMH#20 to DMH#23 (DSW)	0.00	2.33	0.00	0.00	0.07	6.20	7.75	17.16	44.13	24	52.72	0.038	2.00	5.93	0.013	329.97	327.96	342.08
CB#13 to DMH#22 (DSW)	0.89	0.89	0.92	5.00	0.03	5.00	8.71	7.13	6.23	12	15.52	0.031	1.00	9.08	0.013	333.86	333.39	338.02
CB#12 to DMH#22 (DSW)	0.37	0.37	0.86	5.00	0.09	5.00	8.71	2.77	3.53	12	27.74	0.010	1.00	3.58	0.013	333.83	333.56	338.00
CB#11 to DMH#21 (DSW)	0.36	0.36	0.83	5.00	0.04	5.00	8.71	2.60	6.17	12	19.56	0.030	0.99	3.93	0.013	341.93	341.34	345.90
CB#10 to DMH#21 (DSW)	0.89	0.89	0.92	5.00	0.10	5.00	8.71	7.13	12.86	18	43.27	0.015	1.50	4.81	0.013	341.36	340.71	345.82
DMH#21 to DMH#22 (DSW)	0.00	1.25	0.00	0.00	0.60	5.10	8.62	9.63	15.72	18	336.14	0.022	0.87	7.78	0.013	340.61	333.07	345.67
DMH#22 to DMH#23 (DSW)	0.00	2.51	0.00	0.00	0.27	5.70	8.12	18.30	34.98	24	173.54	0.024	2.00	6.50	0.013	332.42	328.27	337.78
DMH#23 to DMH#24 (DSW)	0.00	4.84	0.00	0.00	0.22	6.30	7.70	34.42	37.46	24	173.53	0.027	1.58	12.04	0.013	327.86	323.10	333.65
CB#15 to DMH#24 (DSW)	0.47	0.47	0.78	5.00	0.02	5.00	8.71	3.19	7.96	12	12.27	0.050	1.00	4.53	0.013	324.35	323.74	336.32
CB#14 to DMH#24 (DSW)	0.43	0.43	0.80	5.00	0.04	5.00	8.71	3.00	7.96	12	24.91	0.050	0.49	6.34	0.013	325.39	324.15	332.56
DMH#24 to DMH#25 (DSW)	0.00	5.74	0.00	0.00	0.22	6.50	7.56	39.16	82.02	30	206.09	0.040	1.31	12.02	0.013	321.80	313.56	328.35
DMH#25 to DMH#26 (DSW)	0.00	6.40	0.00	0.00	0.28	6.70	7.43	42.28	75.62	30	248.58	0.034	1.42	12.02	0.013	310.69	302.24	319.35
DMH#26 to DMH#27 (DSW)	0.00	7.83	0.00	0.00	0.11	7.00	7.26	48.95	71.03	30	91.48	0.030	1.72	12.00	0.013	300.65	297.91	308.35
DMH#27 to DMH#28 (DSW)	0.00	7.83	0.00	0.00	0.07	7.10	7.21	48.55	75.62	30	64.90	0.034	1.70	11.99	0.013	297.11	294.90	303.98
DMH#28 to DMH#29 (DSW)	0.00	7.83	0.00	0.00	0.10	7.20	7.17	48.29	71.03	30	86.32	0.030	1.71	11.88	0.013	294.72	292.13	301.41
DMH#29 to DMH#30 (DSW)	0.00	8.56	0.00	0.00	0.13	7.30	7.11	51.93	68.49	30	100.96	0.024	1.89	11.99	0.013	290.83	288.41	298.59
DMH#30 to OUTLET#3 (DSW)	0.00	8.56	0.00	0.00	0.05	7.40	7.05	51.45	73.36	30	44.14	0.032	1.85	12.00	0.01	283.41	282.00	297.73

NOTE:
UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED.

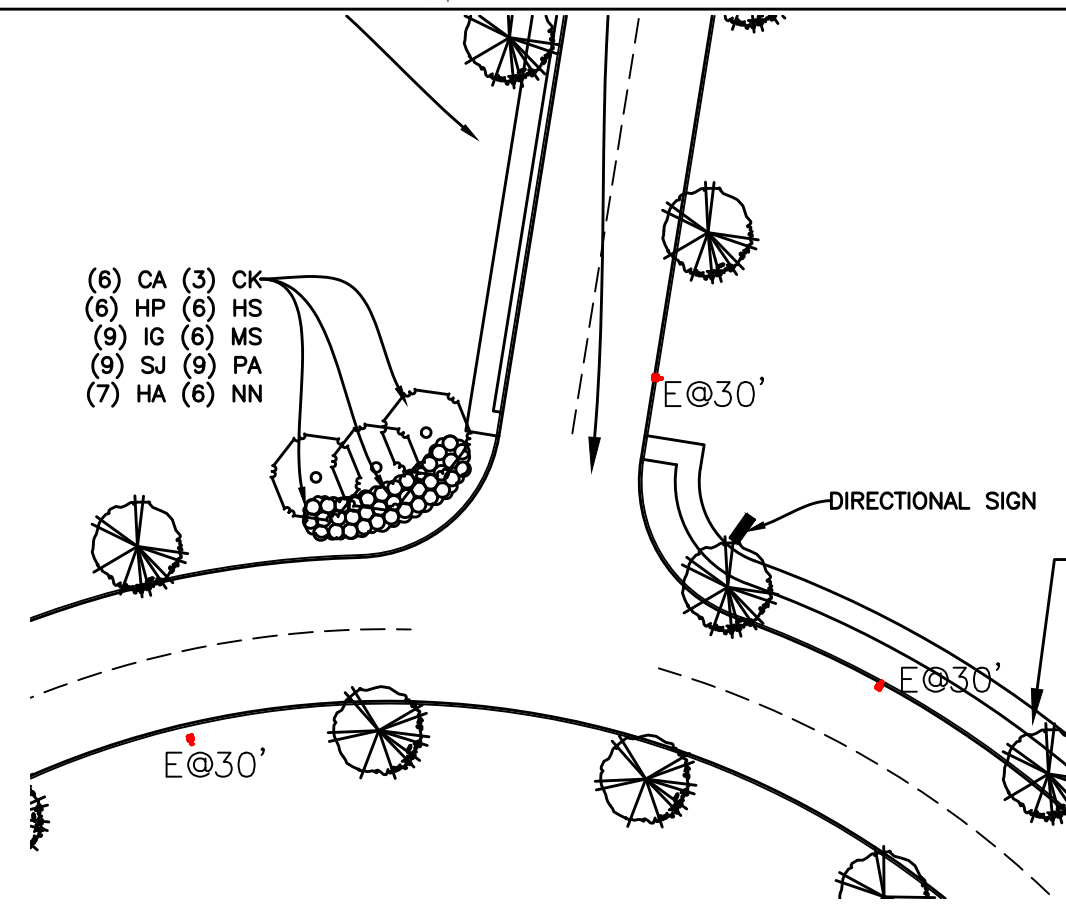
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING
UTILITIES PRIOR TO COMMENCEMENT OF ANY
CONSTRUCTION

DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN
ADVANCE OF CONSTRUCTION. CALL DIGSAFE AT 811

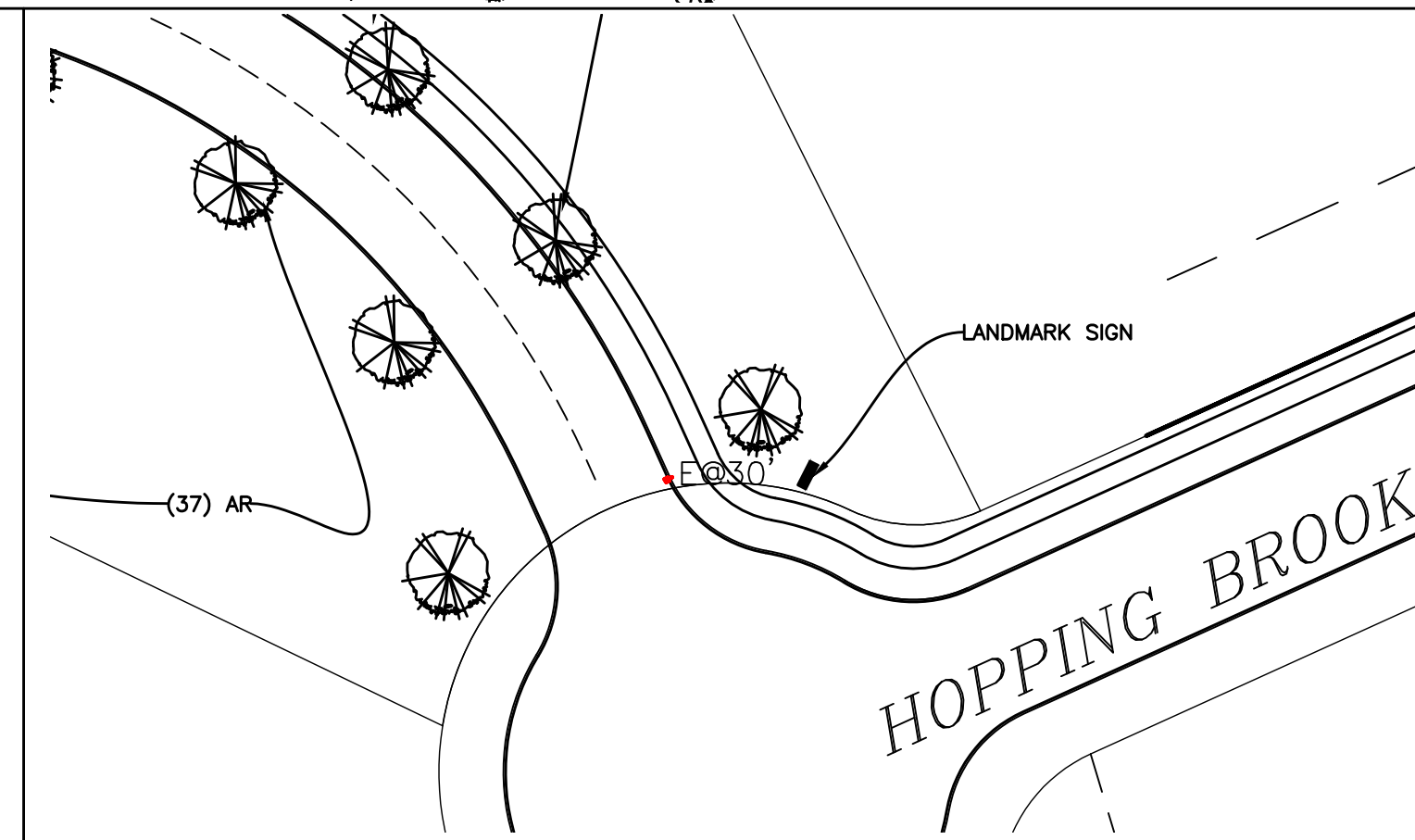


PROPOSED BUILDING
1,291 FT x 620 FT
800,420 S.F.
F.F.:360.00

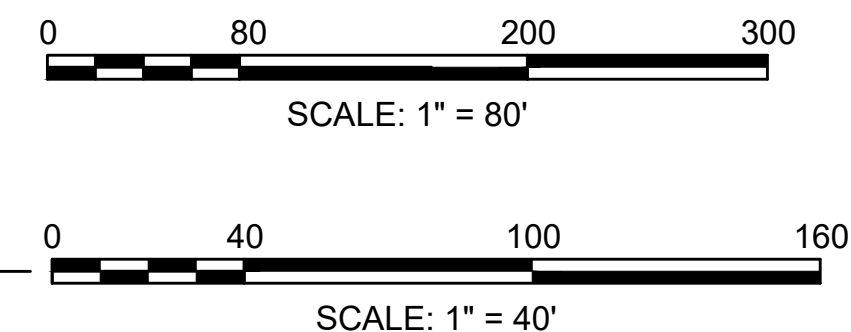
TREES - DECIDUOUS AND EVERGREEN				
Qty.	Sym.	Botanical Name	Common Name	Size
134	AR	Acer rubrum 'October Glory'	'October Glory' Red Maple	3" caliper
6	CK	Cornus kousa	Kousa Chinese Dogwood	6' high clump
27	GB	Ginkgo biloba 'Autumn Gold'	'Autumn Gold' Ginkgo	2 1/2" caliper
173	PA	Picea abies	Norway Spruce	8 - 9' height
SHRUBS - DECIDUOUS AND EVERGREEN				
12	CA	Cornus alba 'Ivory Halo'	'Ivory Halo' Dogwood	2 - 2 1/2' ht.
6	HP	Hydrangea paniculata 'Quick Fire'	'Quick Fire' Hydrangea	5 gallon pot
9	IG	Ilex glabra 'Shamrock'	'Shamrock' Inkberry	2 - 2 1/2' ht.
9	SJ	Spiraea japonica 'Neon Flash'	Neon Flash Spirea	18 - 24" height
PERENNIALS AND GRASSES				
60	HS	Hemerocallis x 'Stella D'Oro'	'Stella D'Oro' Daylily	1 gallon pot
40	MS	Miscanthus sinensis 'Gracillimus'	'Gracillimus' Maiden Grass	5 gallon pot
60	NN	Nipponanthemum nipponicum	Montauk Daisy	2 gallon pot



INSERT A



INSERT B

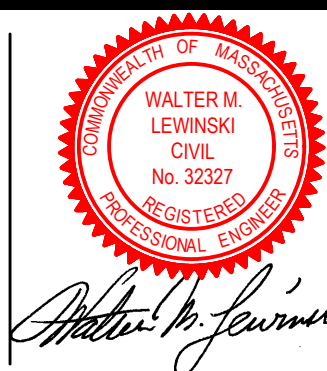


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WITH THE CONTRACT DOCUMENTS.

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THIRD PARTY COSTS.

REVISIONS			
REV	DATE	DESCRIPTION	
1	2/5/21	ISSUED FOR REVIEW	
2	3/2/20	PEER REVIEW COMMENTS	
3	2/5/20	PEER REVIEW COMMENTS	
4	11/16/19	ISSUED FOR REVIEW	



PREPARED BY:



Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
ph:(508) 480-0225 fax:(800)832-5781

PROJECT:

555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

TITLE:

LANDSCAPE PLAN
555 HOPPING BROOK ROAD
HOLLISTON, MASSACHUSETTS

OWNER/APPLICANT:

CRG INTEGRATED REAL ESTATE SOLUTIONS
200 Barr Harbor Drive
Conshohocken, PA 19248

FILE NO: 3724 LANDSCAPE (1)

LANDSCAPE

DATE: NOVEMBER 16, 2019

DEFINITE PLAN NO:

26 of 35

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