

HAMPTON WOODS

VILLAGE B ~ PHASE TWO

A TRACT OF LAND BEING PART OF U.S. SURVEY 1790
AND FRACTIONAL SECTION 16, TOWNSHIP 47 NORTH,
RANGE 3 EAST, ST. CHARLES COUNTY, MISSOURI

"AS-BUILT PLANS"



LOCATION MAP

LEGEND

<ul style="list-style-type: none"> —●— Sanitary Sewer (Proposed) —○— Sanitary Sewer (Existing) --- Storm Sewer (Proposed) --- Storm Sewer (Existing) —x— Water Line & Size —x— Existing water line —T— Tee & Valve —H— Hydrant —C— Cap 18 Lot or Building Number --- Existing Fence Line --- Existing Tree Line —S— Street Sign --- Existing Contour --- Proposed Contour --- Rip-Rap --- End of Lateral --- Asphalt Pavement --- Concrete Pavement 	<ul style="list-style-type: none"> ⊙ Sanitary Structure ⊙ Storm Structure ⊙ Test Hole ⊙ Power Pole ⊙ Light Standard ⊙ Double Water Meter Setting ⊙ Single Water Meter Setting C.I. Curb Inlet S.C.I. Skewed Curb Inlet D.C.I. Double Curb Inlet G.I. Grate Inlet A.I. Area Inlet D.A.I. Double Area Inlet C.C. Concrete Collar F.E. Flared End Section E.P. End Pipe E.D. Energy Dissipator M.H. Manhole C.P. Concrete Pipe 	<ul style="list-style-type: none"> R.C.P. Reinforced Concrete Pipe C.M.P. Corrugated Metal Pipe C.I.P. Cast Iron Pipe P.V.C. Polyvinyl Chloride V.C.P. Vitrified Clay Pipe ⊙ Stop Sign C.O. Clean Out V.T. Vent Trap T.B.R. To Be Removed T.B.R.&R. To Be Removed & Relocated T.B.P. To Be Protected T.B.A. To Be Abandoned B.C. Base Of Curb T.C. Top Of Curb T.W. Top Of Wall B.W. Base Of Wall (TYP) Typical U.N.D. Unless Noted Otherwise U.I.P. Use in Place ▽ Yield Sign
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To the City of O'Fallon. These "As-Built" Sanitary sewer, Storm sewer and Water distribution plans are based on actual field surveys conducted during the months of April and May, 2004. The results of said surveys are shown hereon.

By: (Agent)
Lee C Ferrenbach III P.L.S. 2310 (Agent)
Project Manager
T.R. Hughes Inc. Land Survey Division



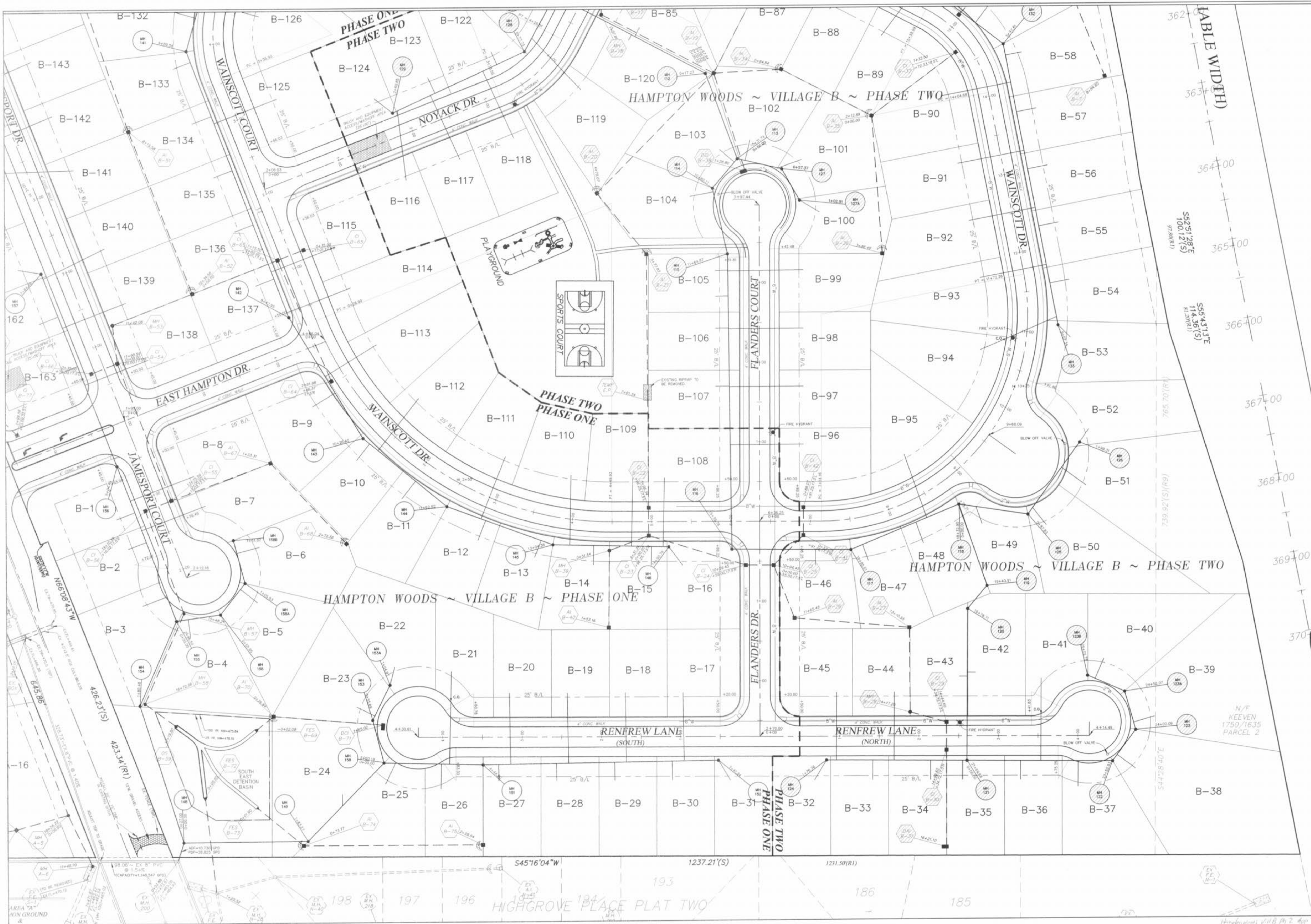
DRAWING INDEX

Sheet	Description
1	COVER SHEET
2-3	SITE PLANS
3-6	SANITARY SEWER PROFILES
7-8	STORM SEWER PROFILES
9	CONSTRUCTION DETAILS

PROJECT BENCHMARK B.M. #1

RM 70 (U.S.G.S.) ELEVATION = 505.026 STANDARD DISK
STAMPED "H 149 1935" SET IN TOP OF WEST END OF THE
BASE OF THE SOUTH PIER OF NORFOLK SOUTHERN RAILROAD
OVER STATE HIGHWAY 79





Phone (650) 940-9000
Fax (650) 940-9077



PREPARED BY
290 Fox Hill Road
St Charles, MO 63001

HAMPTON WOODS
VILLAGE ~ B ~ PHASE 2
AS-BUILT SITE PLAN
Prepared For:
SUMMIT POINTE L.C.



DATE:
05/27/04
REVISED
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SHEET
2
OF 9

TABLE WIDTH
362'-00"
363'-00"
364'-00"
365'-00"
366'-00"
367'-00"
368'-00"
369'-00"
370'-00"
N/F
KEEVEN
1750/1635
PARCEL 2
S45°16'04"W
1237.21'(S)
1231.50'(R1)
193
186
185
196
197
198
199

Hampton Woods Village B Phase 2 As-Built Site Plan



$\Delta = 031'3.47"$
 $R = 2964.93'(R9)$
 $L = 167.14'$
 $CB = S54^{\circ}06'19"E$
 $CD = 167.12'(S)$

T.R. HUGHES INC.
A BUILDING COMPANY
 Land Survey Division
 Phone: (888) 940-8800
 Fax: (888) 348-8877

PREPARED BY:
HAMPTON WOODS
VILLAGE B ~ PHASE 2
AS-BUILT SITE PLAN
 Prepared For:
SUMMIT POINTE L.C.
 219 FOX HILL ROAD
 ST. CHARLES, MO 63041
 636-940-9300



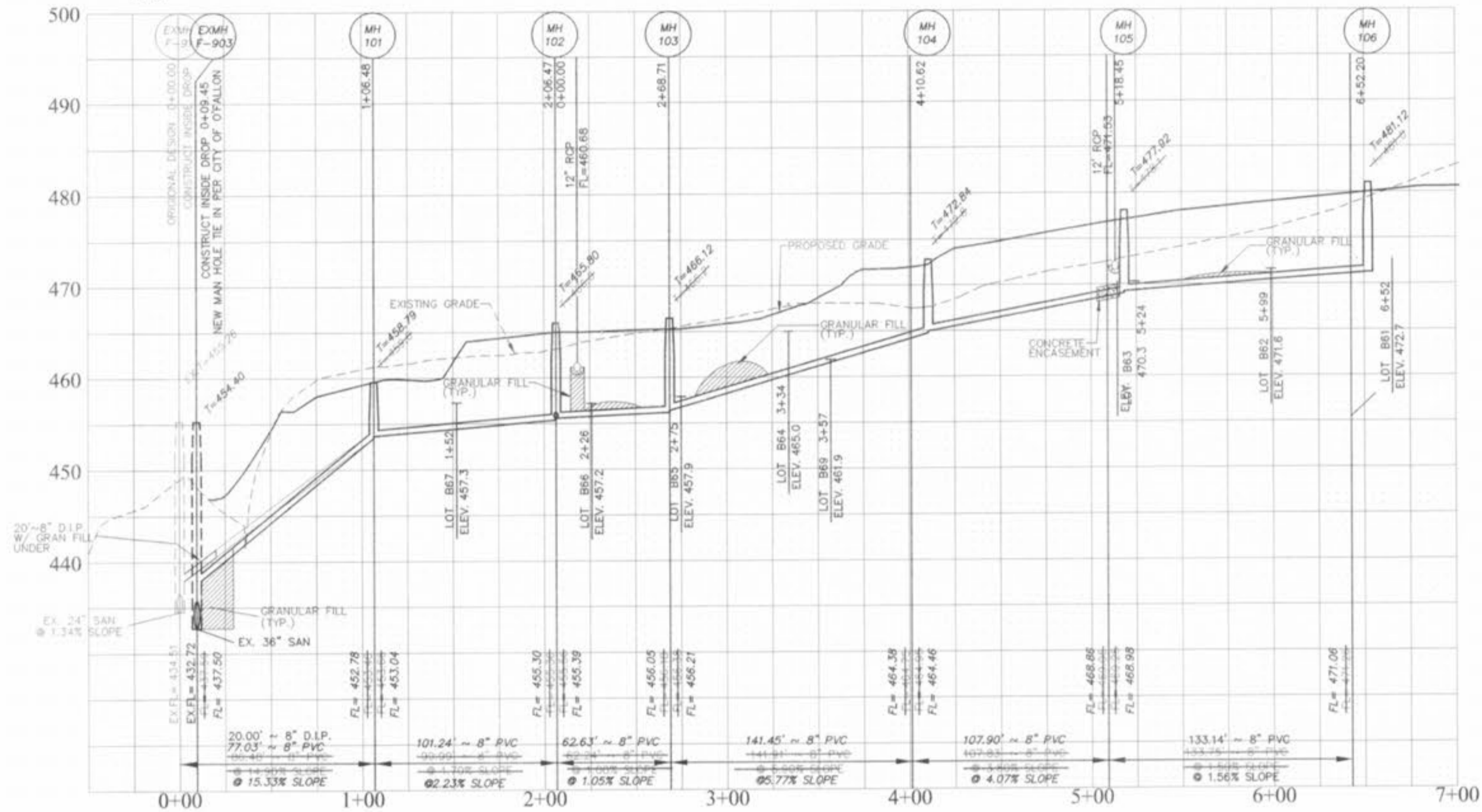
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SHEET
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 OF 9

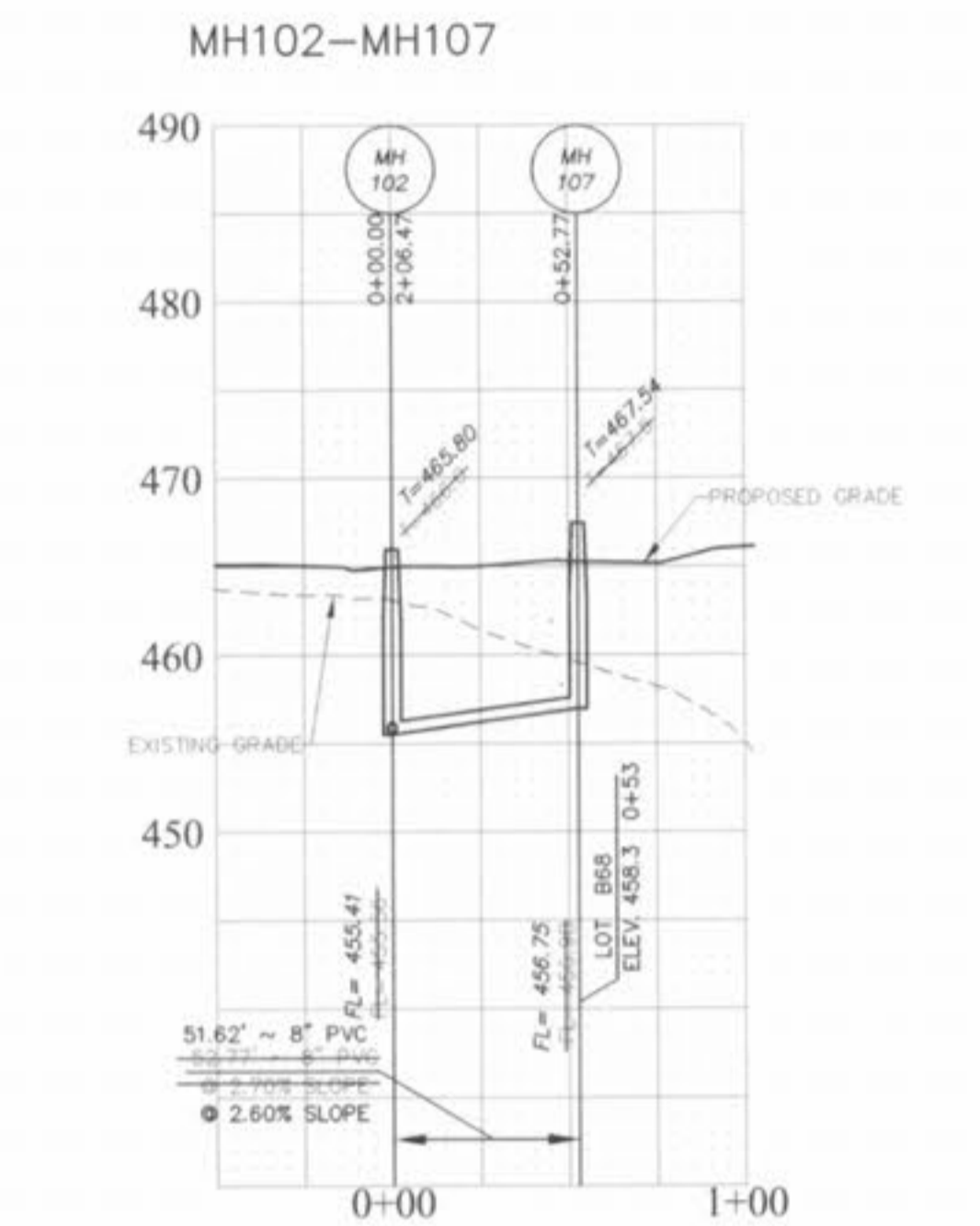
MO STATE HWY 79 (VARIABLE)

Hampton Woods Village B Phase 2 App'd 7/2/04 MLC

EXMHF91-MH106
903



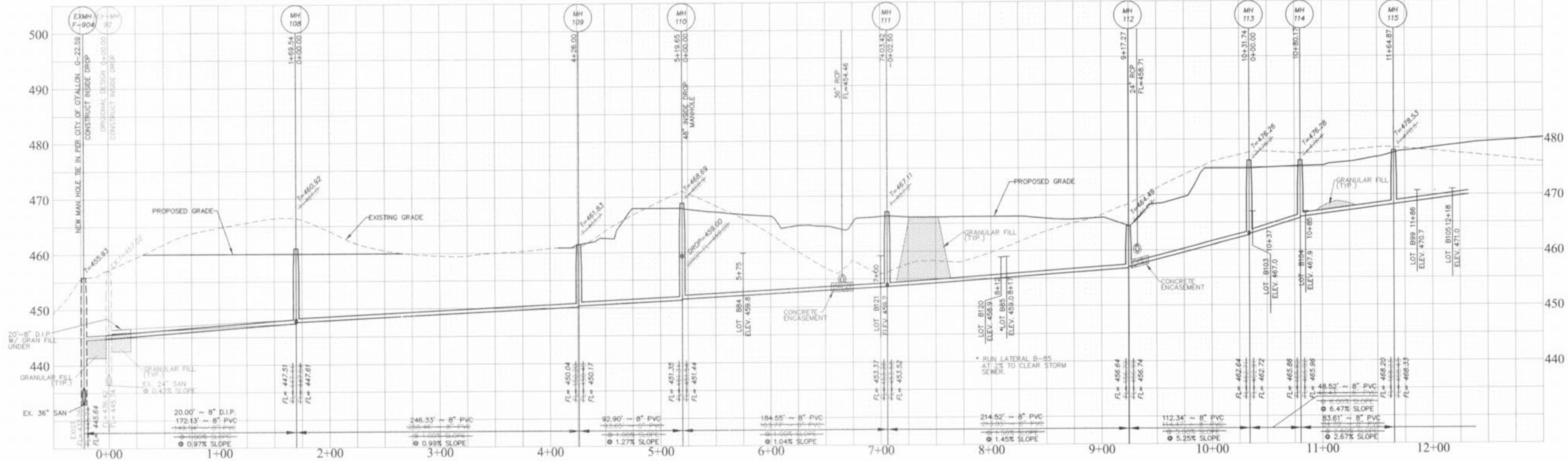
VILLAGE B SAN. SEWERS
PHASE 2



VILLAGE B SAN. SEWERS
PHASE 2

VILLAGE B SAN. SEWERS
PHASE 2

EXMHF92-MH123
904



HORIZONTAL SCALE 1" = 50'
VERTICAL SCALE 1" = 10'

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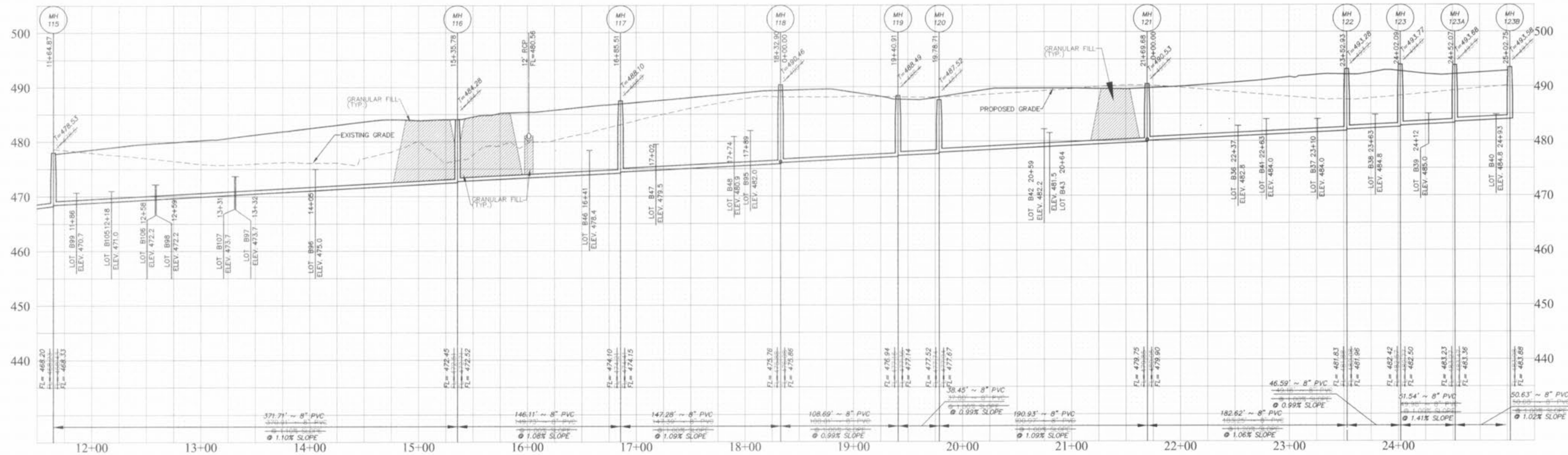
239 FOX HILL ROAD
ST. CHARLES, MO 63081
636-946-9300

HAMPTON WOODS
VILLAGE-B ~ PHASE 2
AS-BUILT SANITARY SEWER PROFILES
Prepared For:
SUMMIT POINTE L.C.



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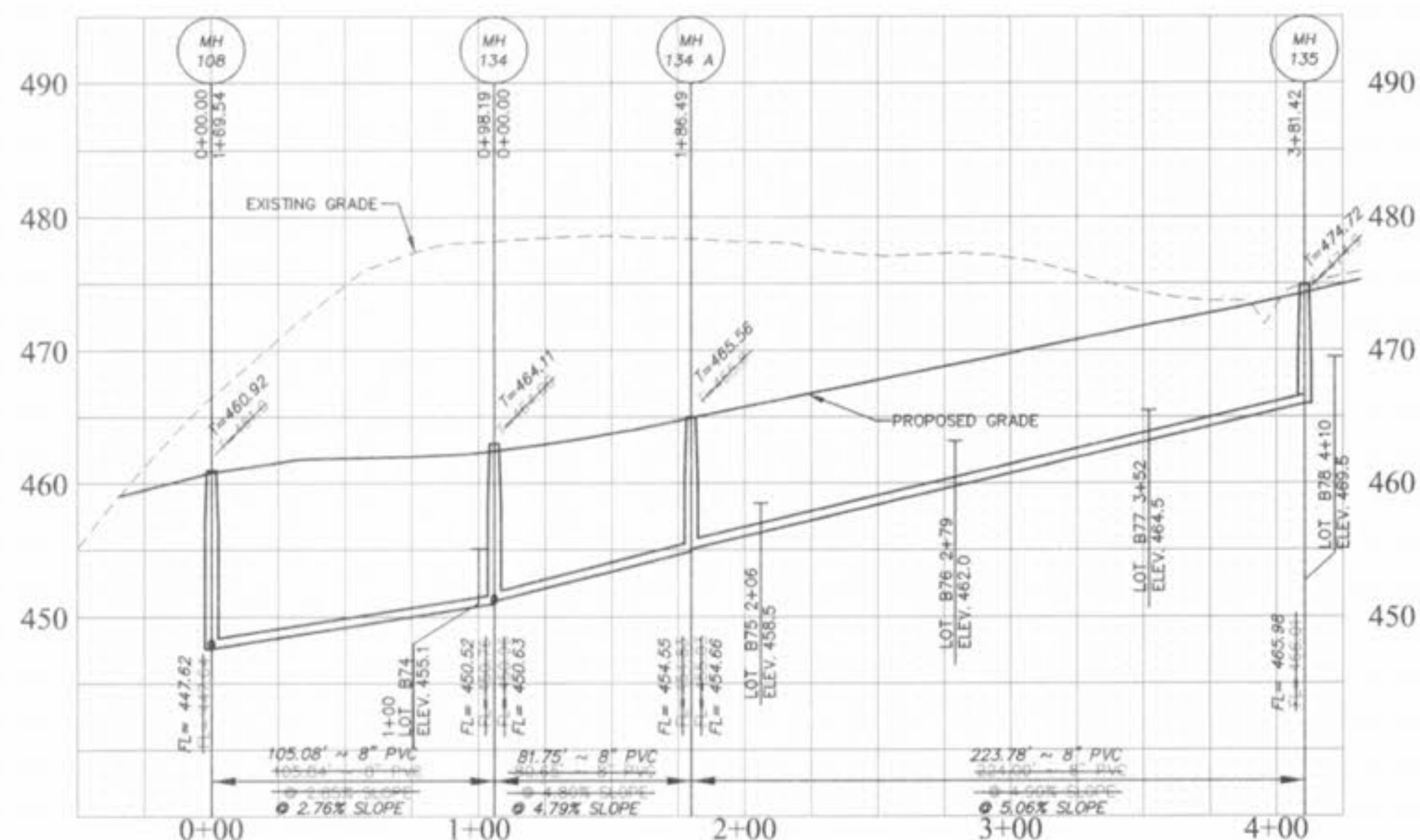
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VILLAGE B SAN. SEWERS
PHASE 2

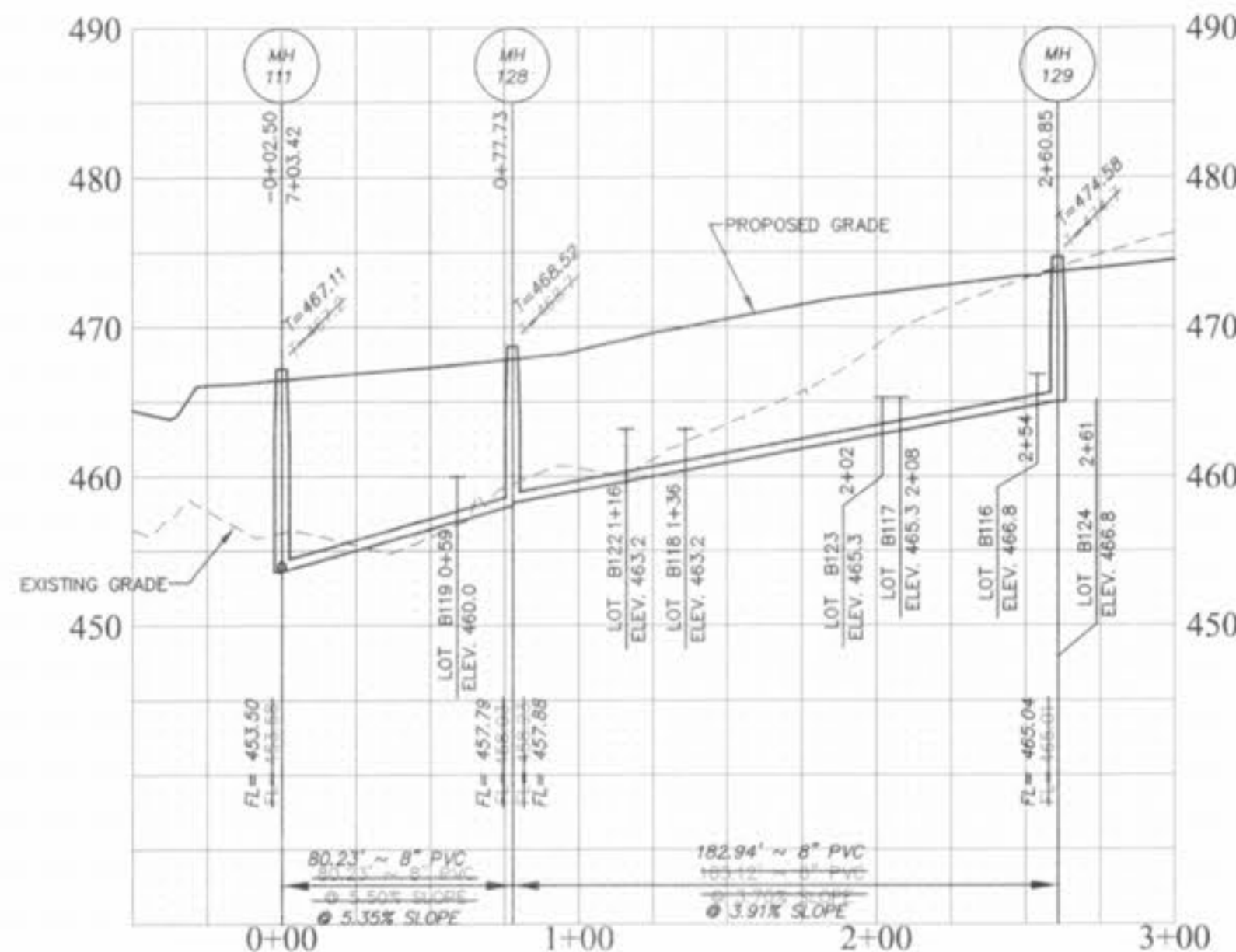
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VERTICAL SCALE 1" = 10'

MH108-MH135



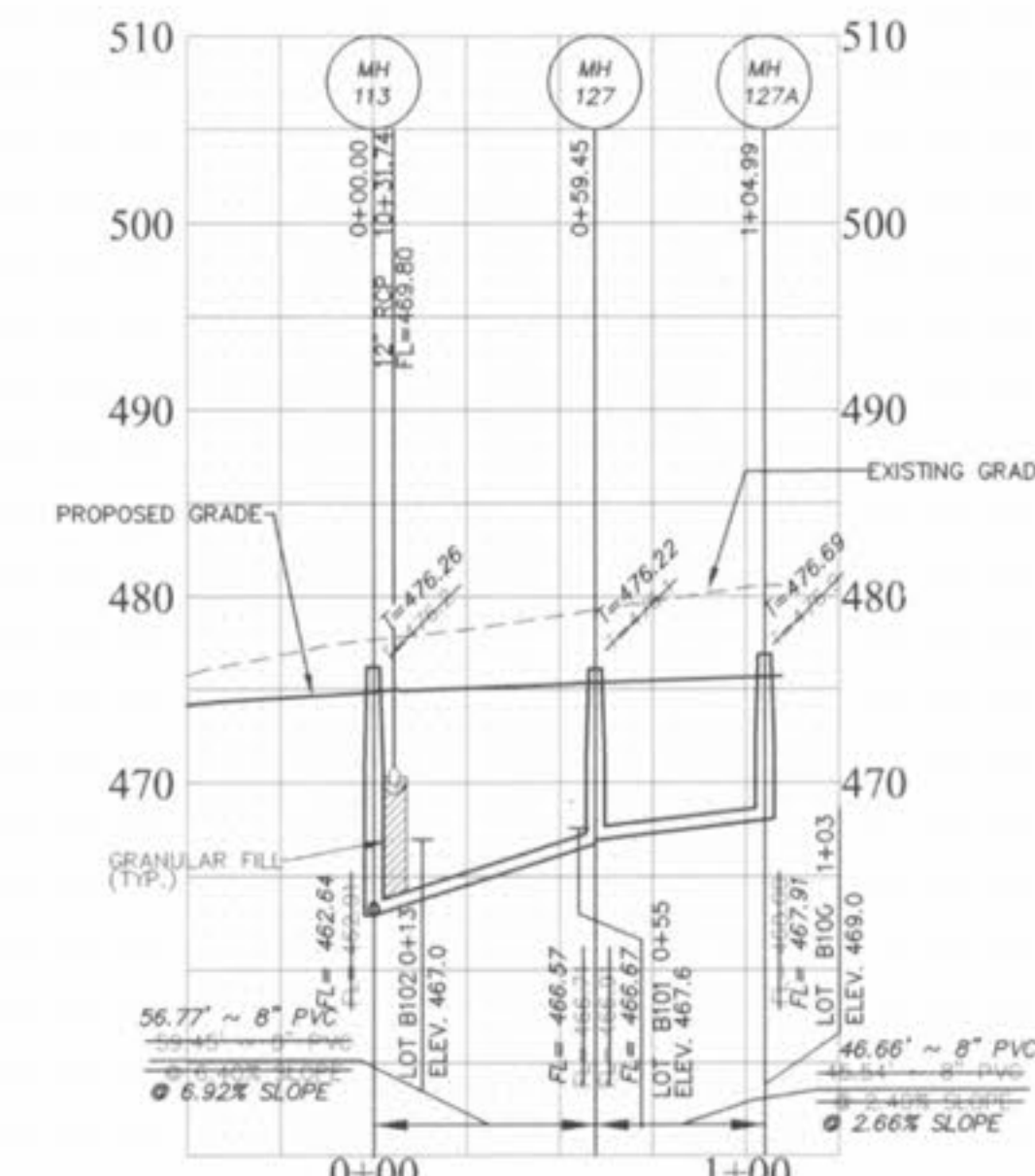
VILLAGE B SAN. SEWERS
PHASE 2

MH111-MH129



VILLAGE B SAN. SEWERS
PHASE 2

MH113-MH127



VILLAGE B SAN. SEWERS
PHASE 2

Phone (661) 940-6000
Fax (661) 940-6977



PREPARED BY:
239 FOX HILL ROAD,
ST. CHARLES, MO 63301
636-940-9300

HAMPTON WOODS
VILLAGE ~ B ~ PHASE 2
AS-BUILT SANITARY SEWER PROFILES
Prepared For:
SUMMIT POINTE L.C.
239 FOX HILL ROAD,
ST. CHARLES, MO 63301
636-940-9300



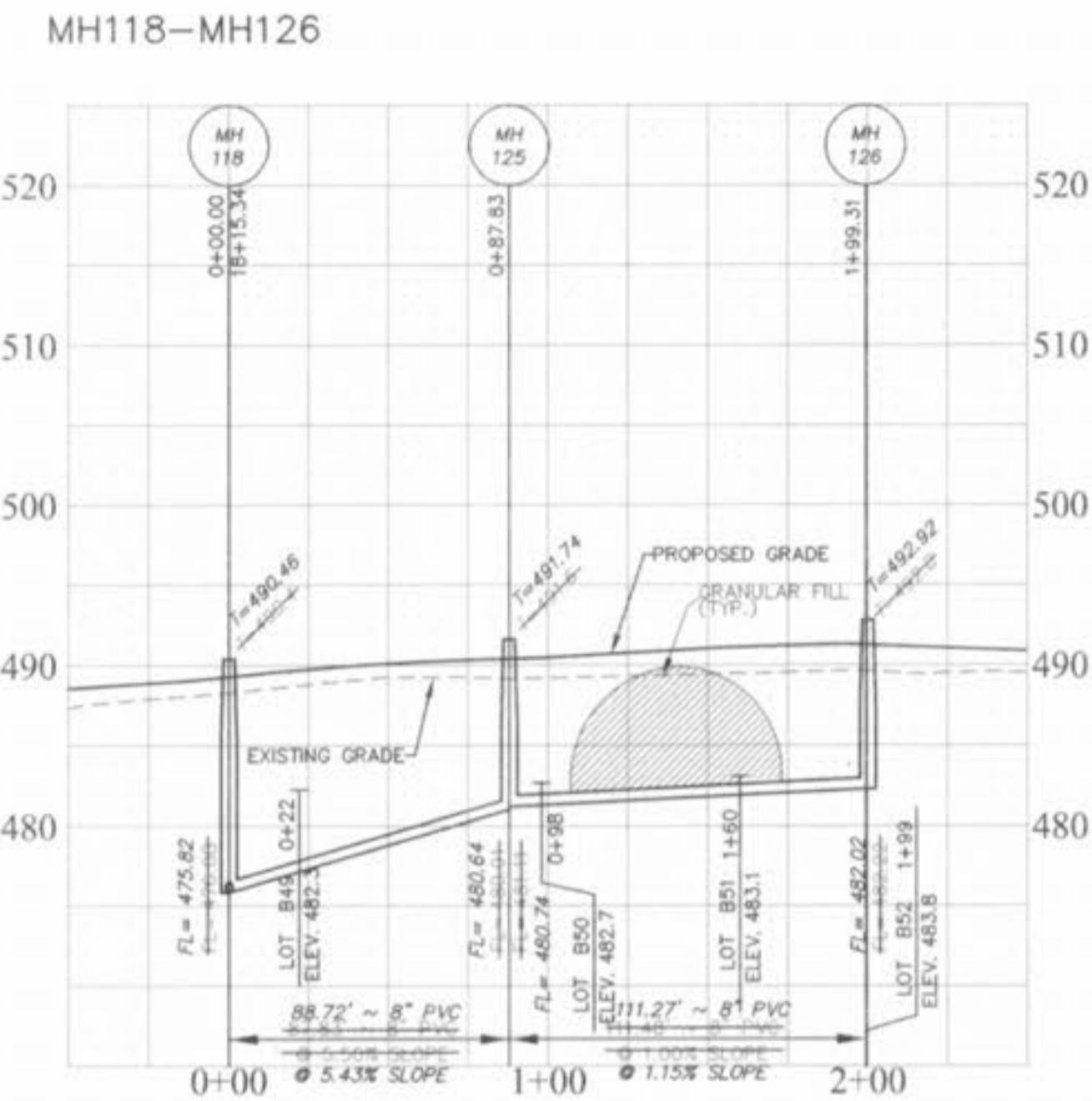
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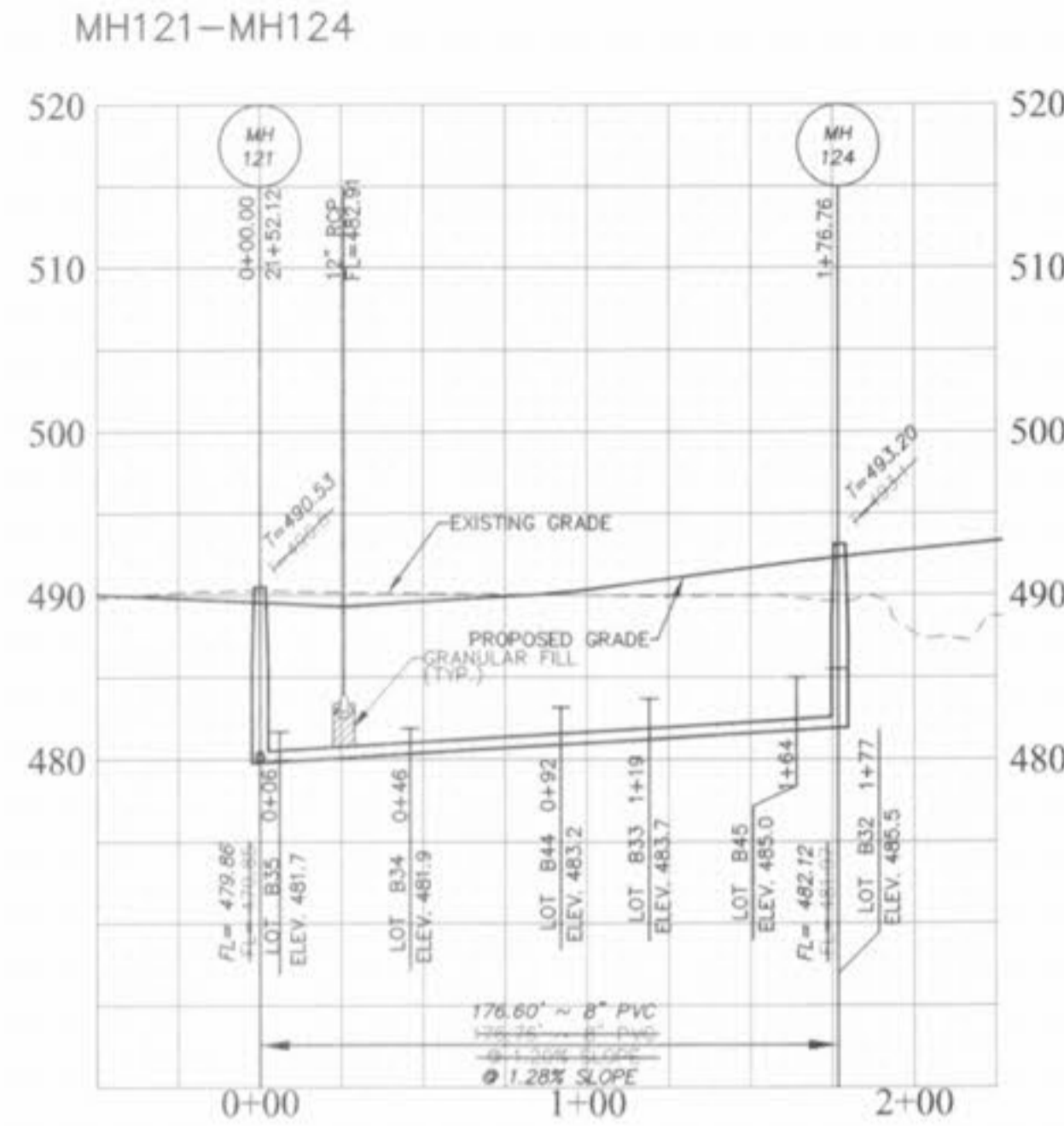
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hamptonwoods-village-b-phase-2-dwg-7/12/04-ARC

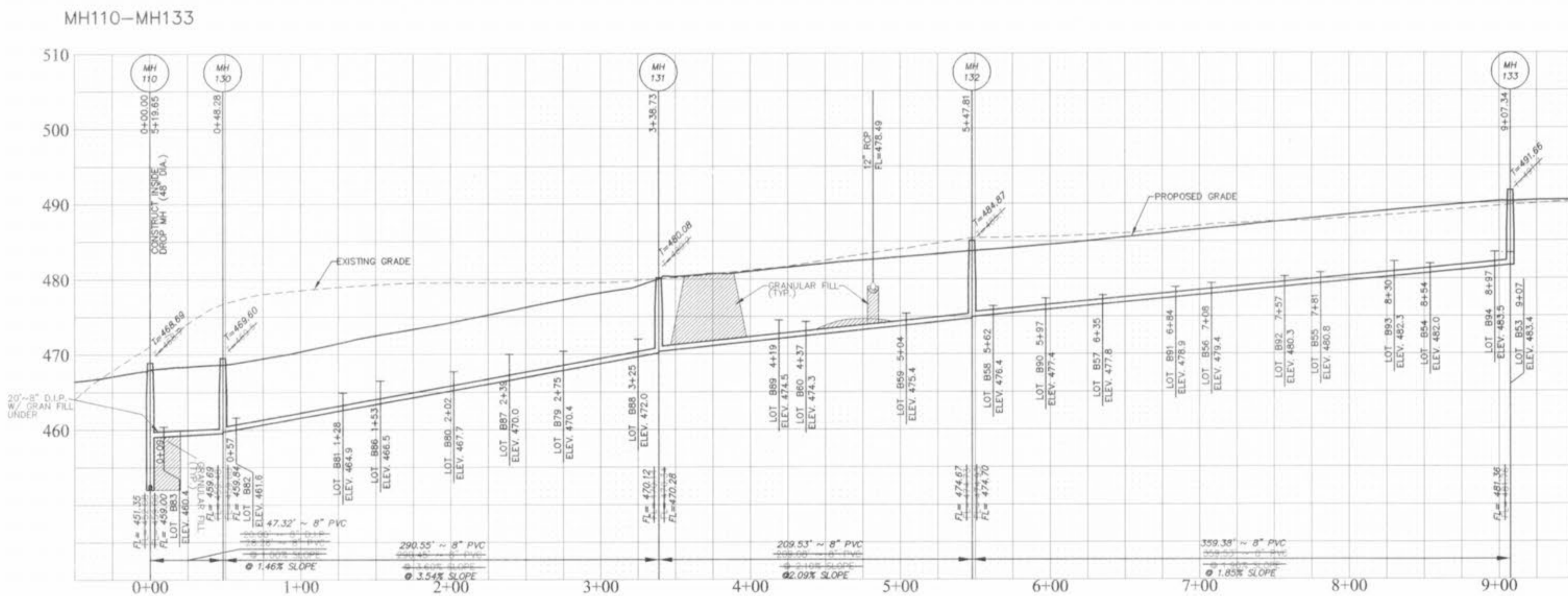
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 VERTICAL SCALE 1" = 10'



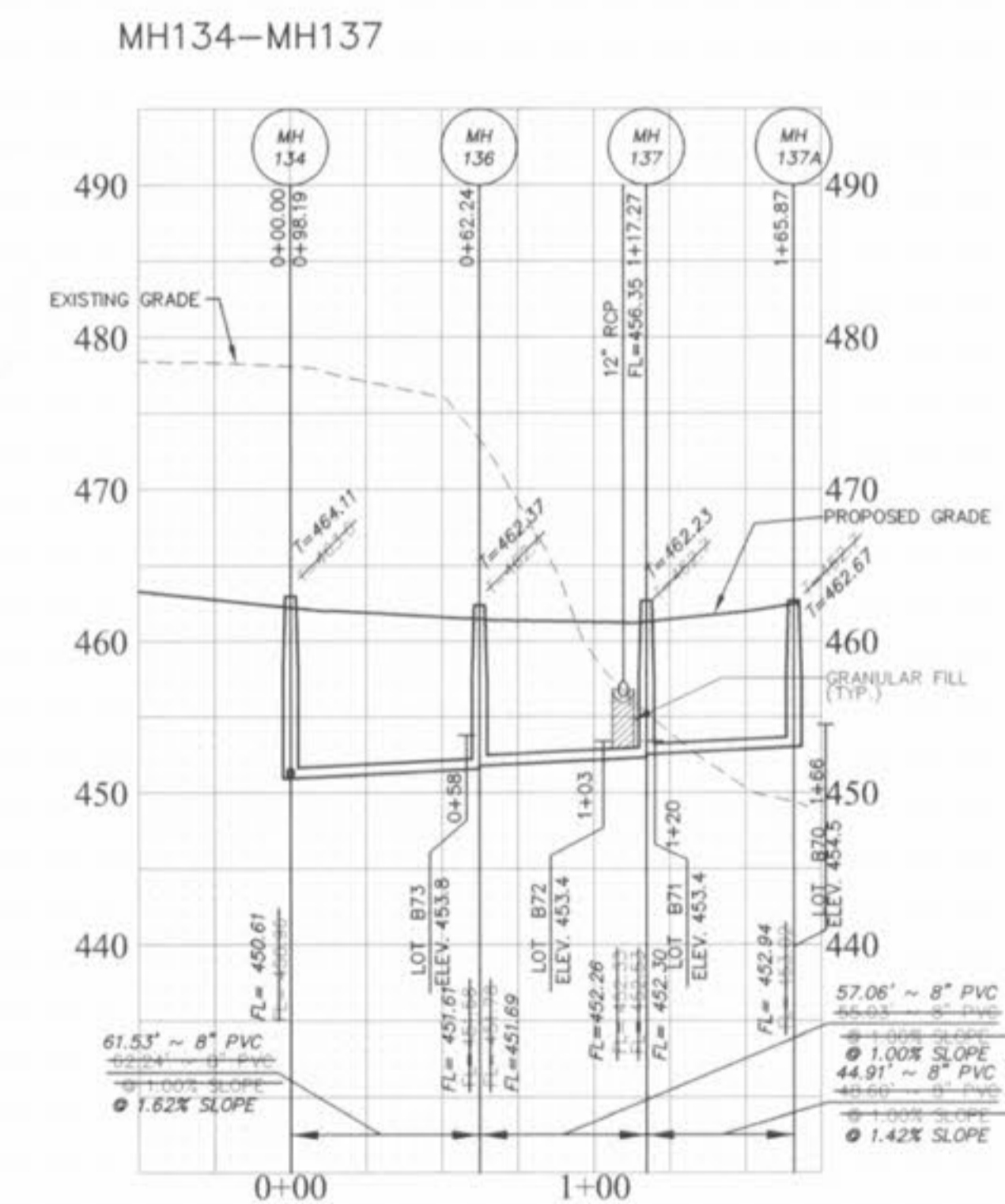
VILLAGE B SAN. SEWERS
 PHASE 2



VILLAGE B SAN. SEWERS
 PHASE 2



VILLAGE B SAN. SEWERS
 PHASE 2



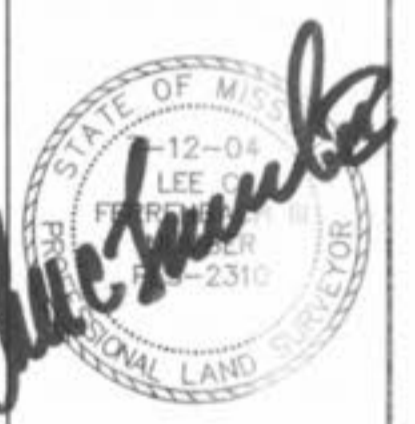
VILLAGE B SAN. SEWERS
 PHASE 2

Phone (661) 345-8800
 Fax (661) 345-8977



PREPARED BY:
 239 FIVE HILLS BLVD
 ST CHARLES, MO 63041
 636-940-9300

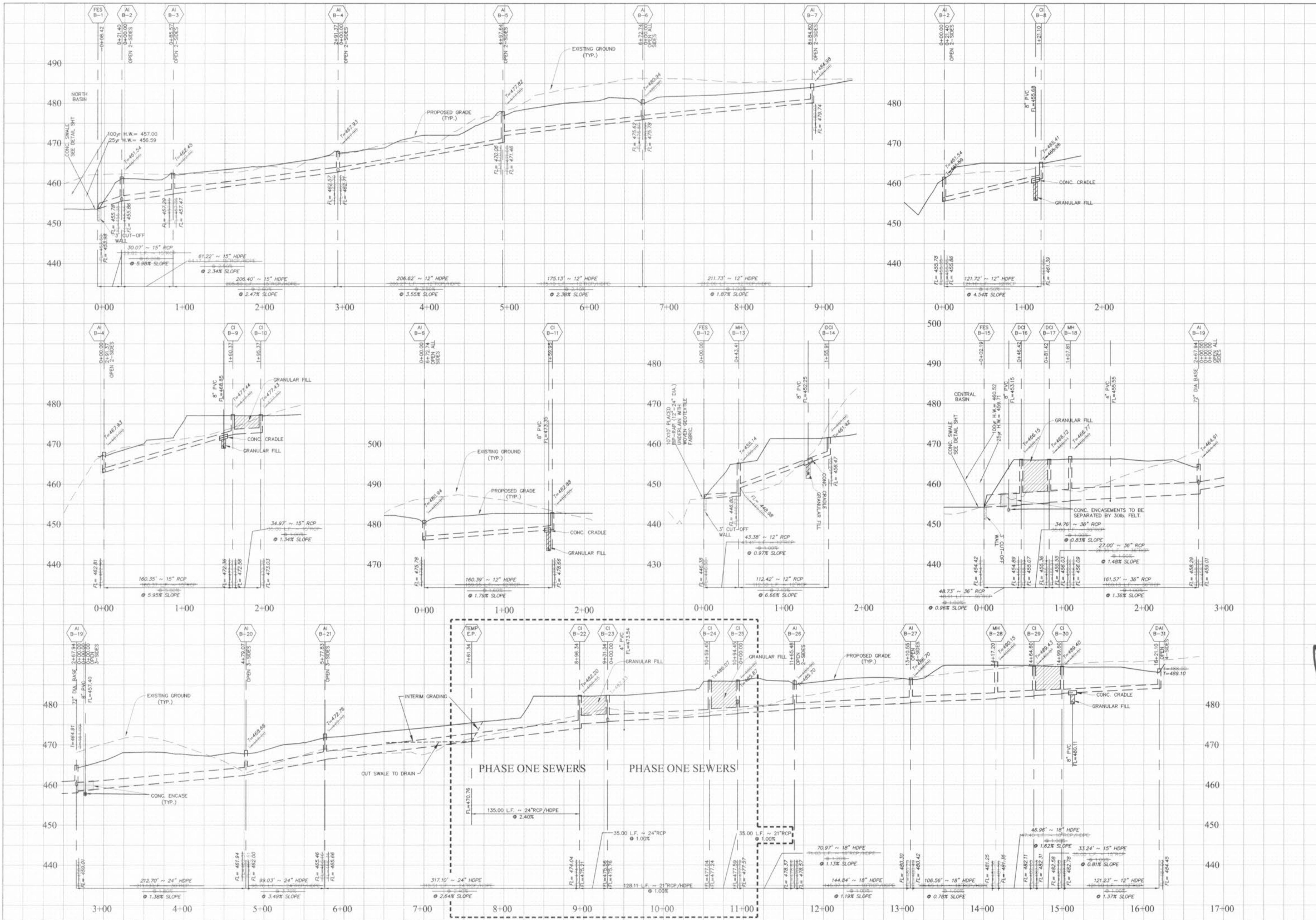
HAMPTON WOODS
 VILLAGE ~ B ~ PHASE 2
 AS-BUILT SANITARY SEWER PROFILES
 Prepared For:
 SUMMIT POINTE L.C.



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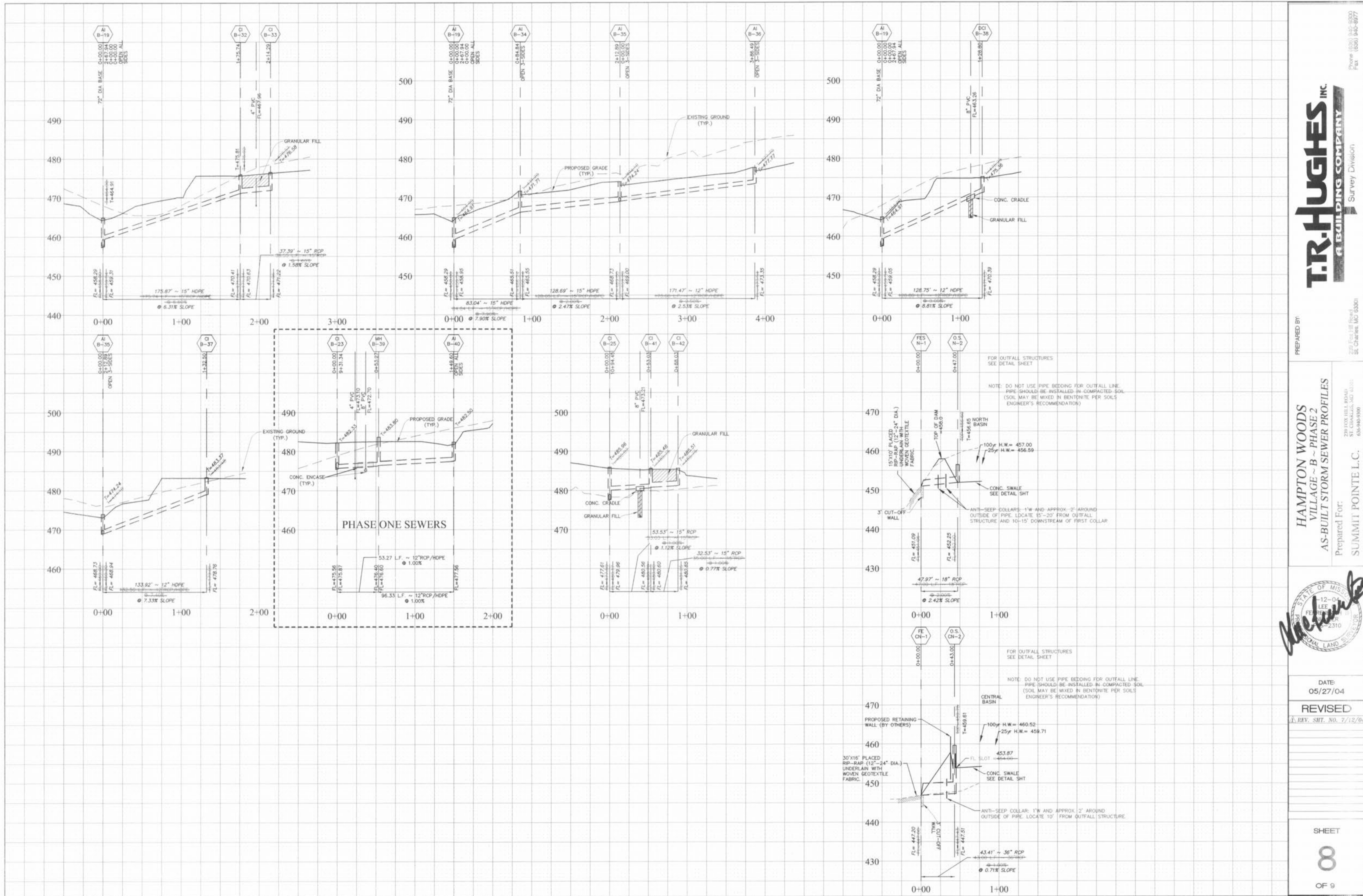
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Hampton Woods Vill B Ph 2 Spp 7/12/04



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Hampton Woods Village ~ B ~ Phase 2 App 7/22/04 A&C



Phone (301) 340-9000
 Fax (301) 340-9077



PREPARED BY
 259 Fox Hill Road
 St. Charles, MD 21050

HAMPTON WOODS
 VILLAGE ~ B ~ PHASE 2
 AS-BUILT STORM SEWER PROFILES
 Prepared For:
 SUMMIT POINTE L.C.

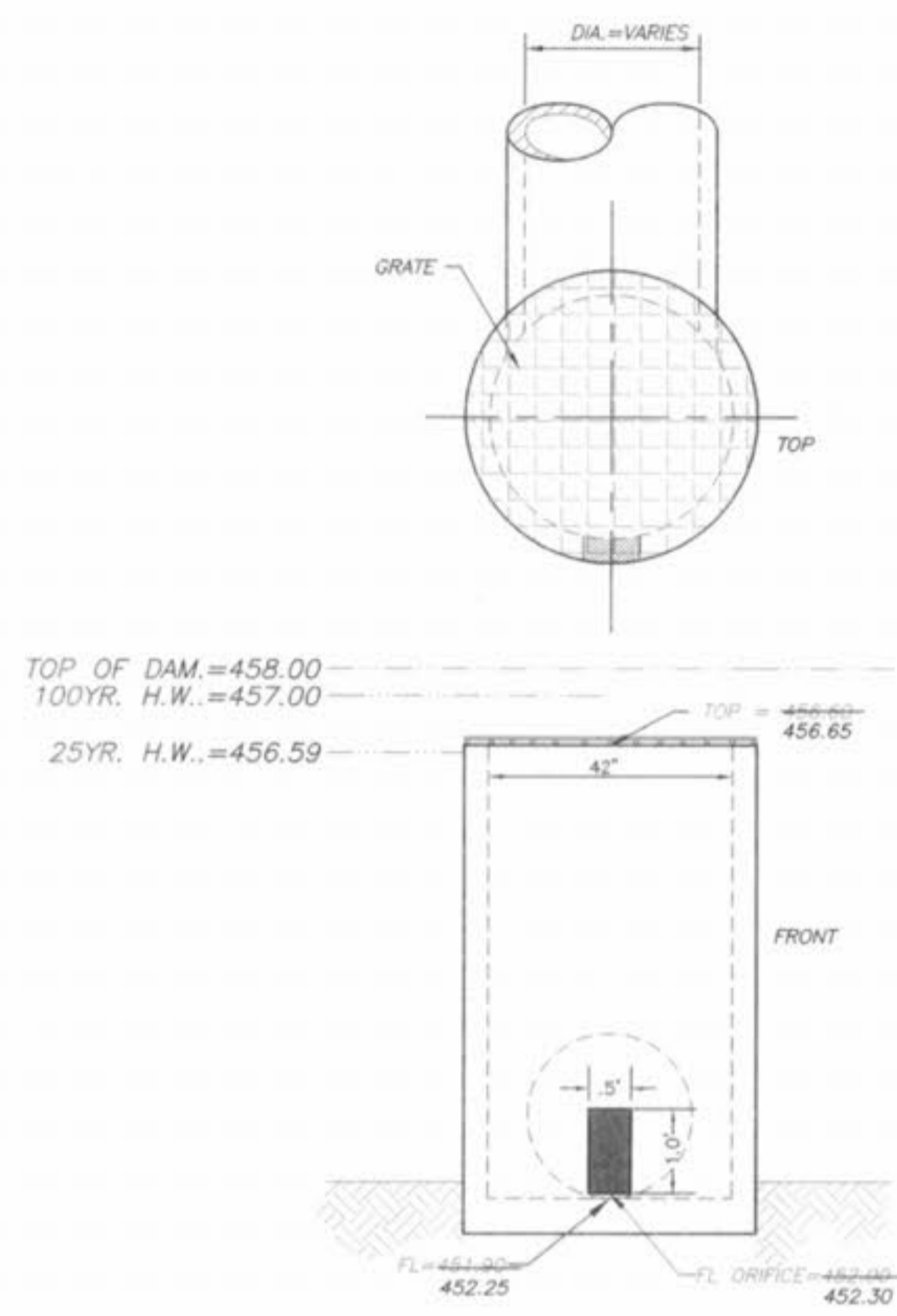


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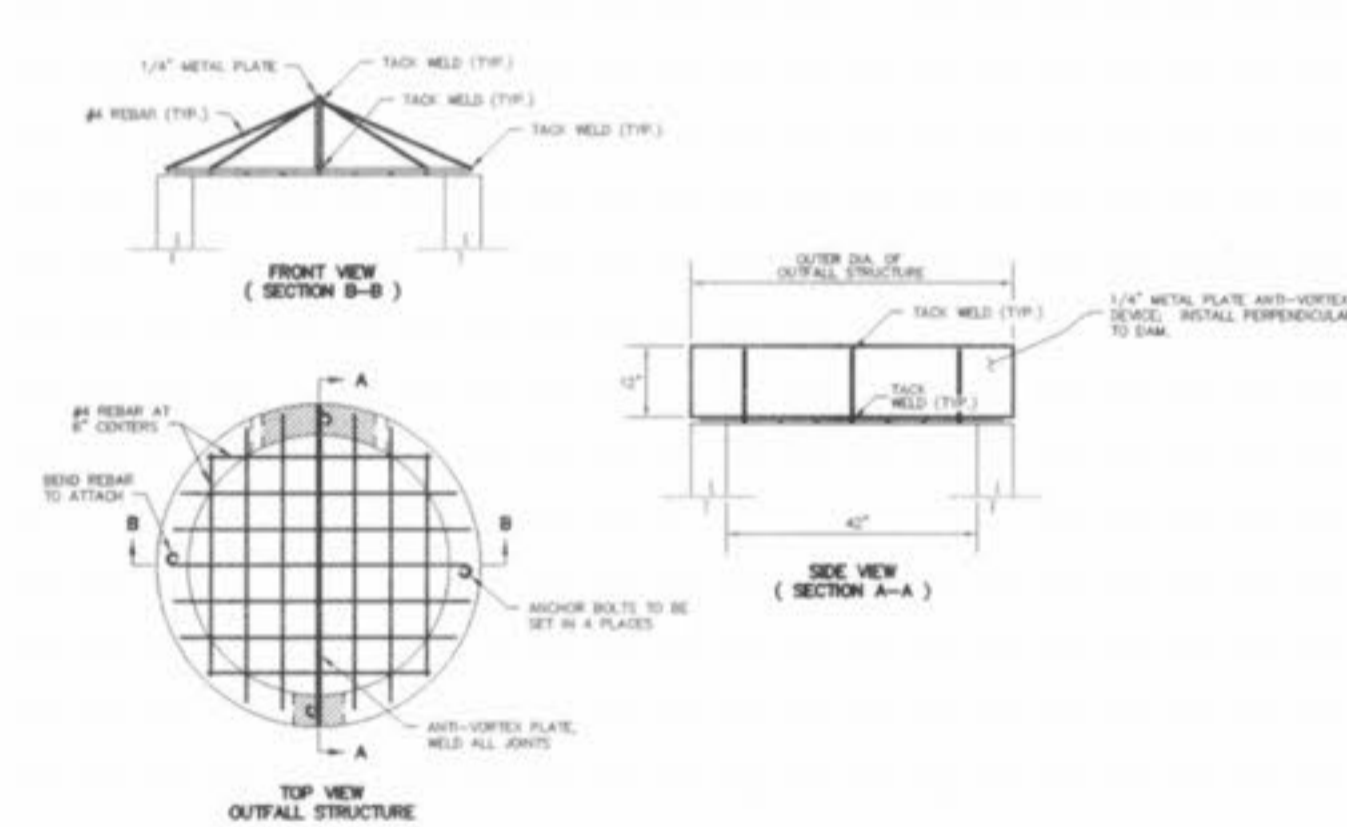
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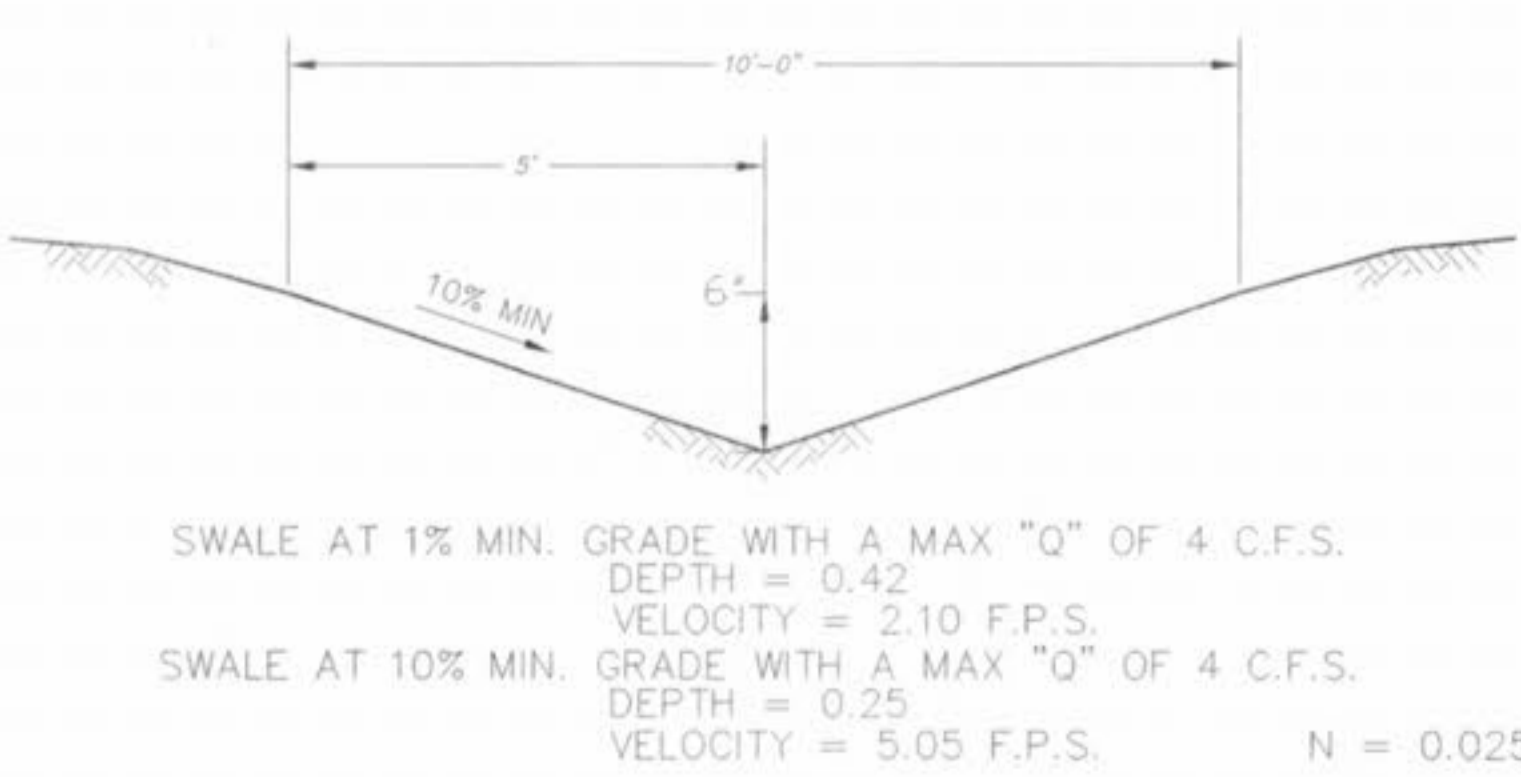
Hampton Woods Vill B Ph 2 App 7/12/04 ARK



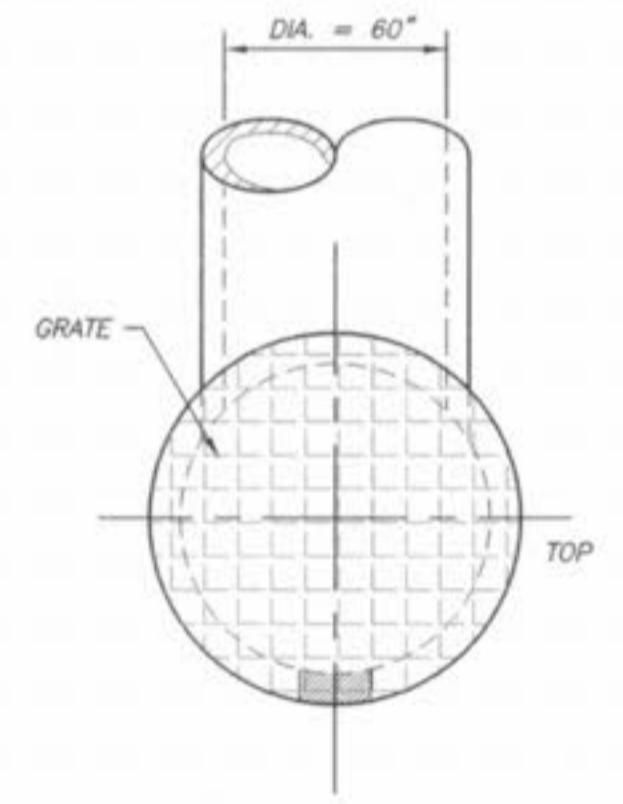
VILLAGE B NORTH DETENTION BASIN OUTFALL STRUCTURE N-2
 42" DIA. CONCRETE STANDPIPE STRUCTURE W/GRATE AND ANTI-VORTEX PLATE ON SILL
 NOT TO SCALE



TRASH RACK & ANTI-VORTEX PLATE
 N.T.S.

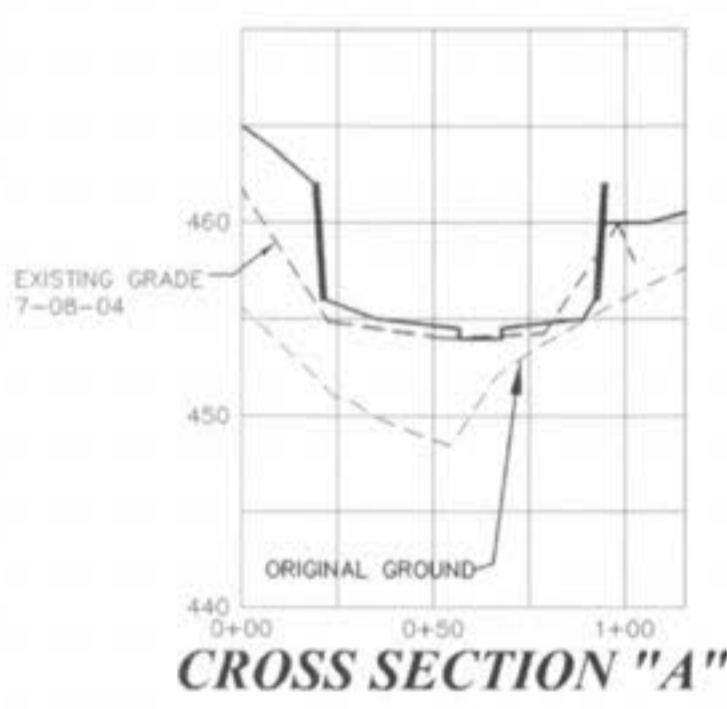


TYPICAL CROSS SEC. OF RELIEF SWALES
 N.T.S.

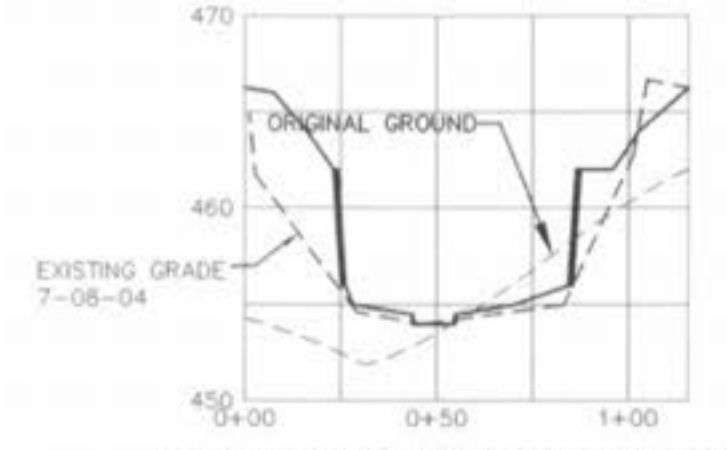


VILLAGE B CENTRAL DETENTION BASIN OUTFALL STRUCTURE CN-2
 60" DIA. CONCRETE STANDPIPE STRUCTURE W/GRATE AND ANTI-VORTEX PLATE ON SILL
 NOT TO SCALE

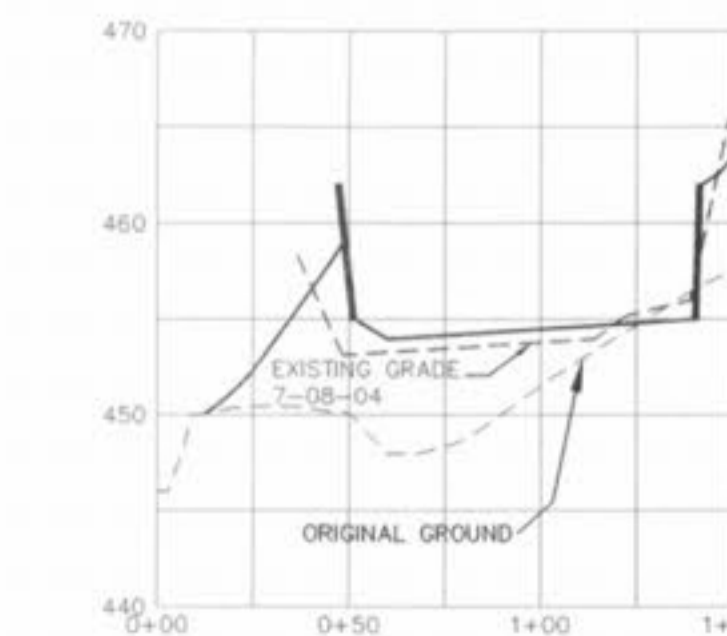
TOP OF DAM = 462.00
 100YR. H.W. = 460.52
 25YR. H.W. = 459.71



CROSS SECTION "A"

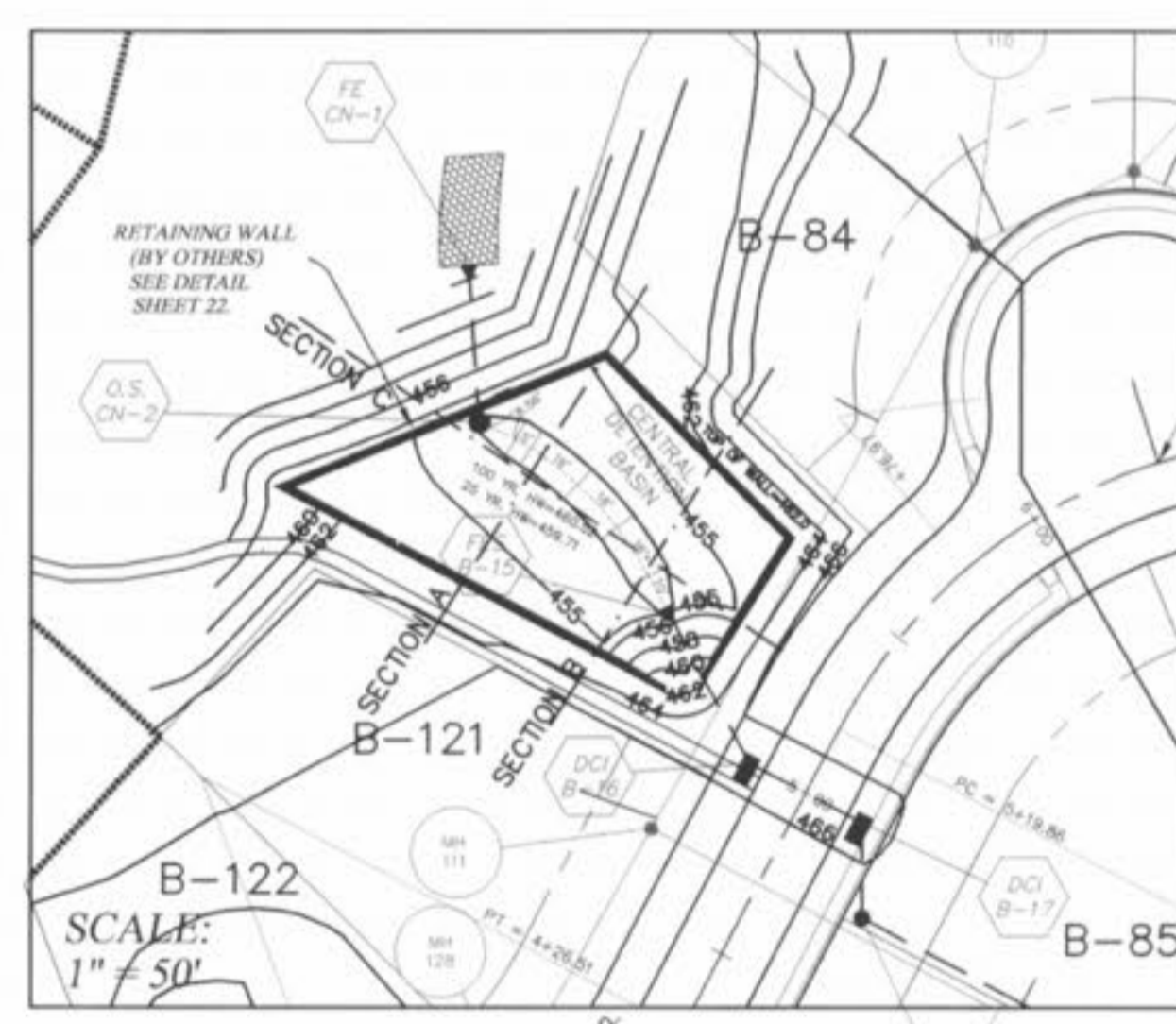


CROSS SECTION "B"

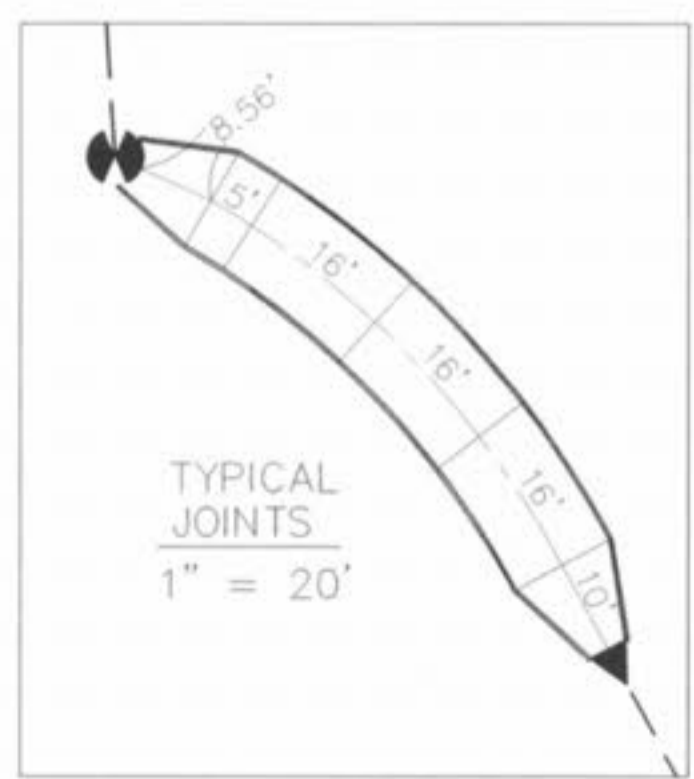


CROSS SECTION "C"

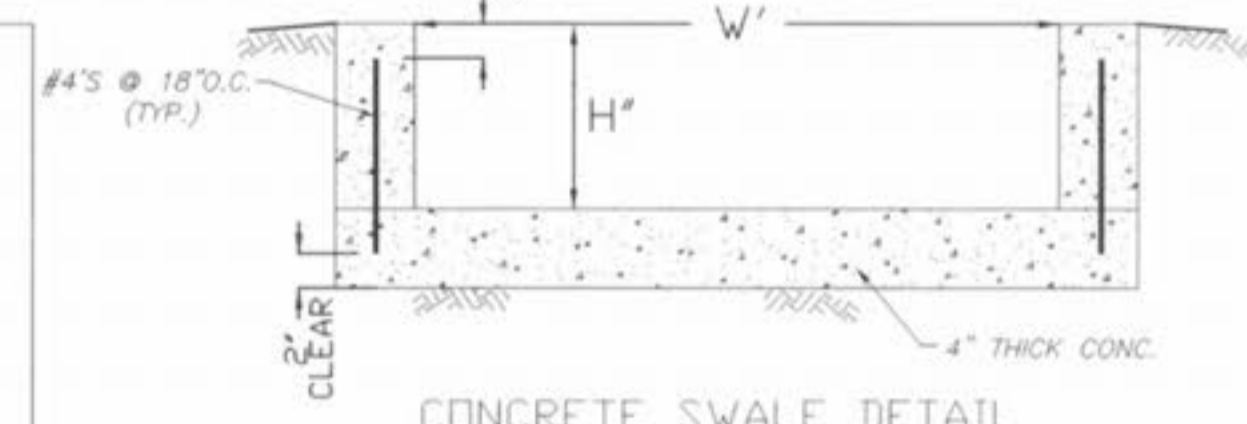
SCALES:
 HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 10'



VILLAGE B ~ PHASE TWO CENTRAL DETENTION BASIN
 SCALE: 1" = 50'

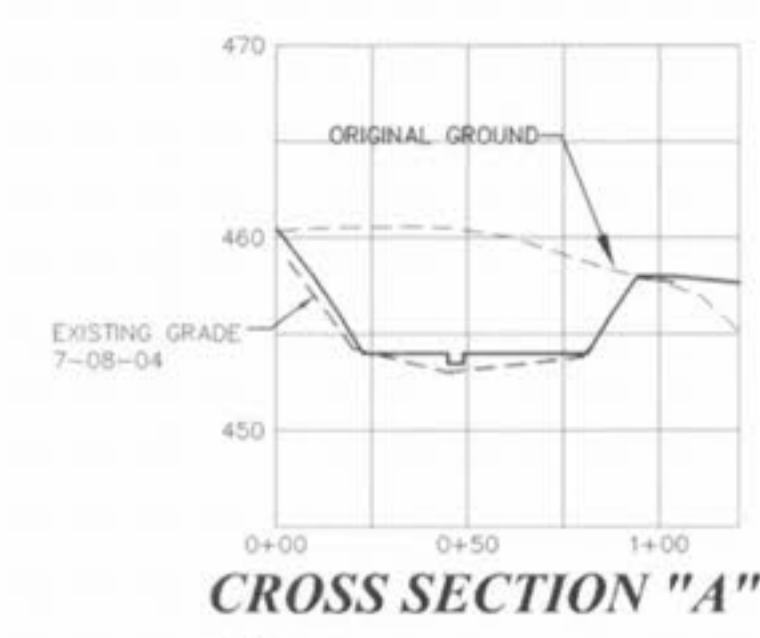


TYPICAL JOINTS
 1" = 20'

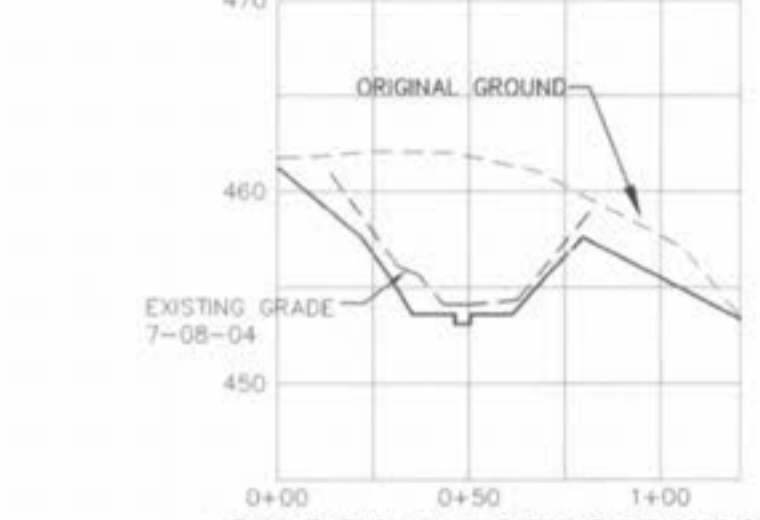


CONCRETE SWALE DETAIL
 NOTE: CONCRETE SWALES ARE TO HAVE SEALED CONSTRUCTION JOINTS @ 16' D.C.

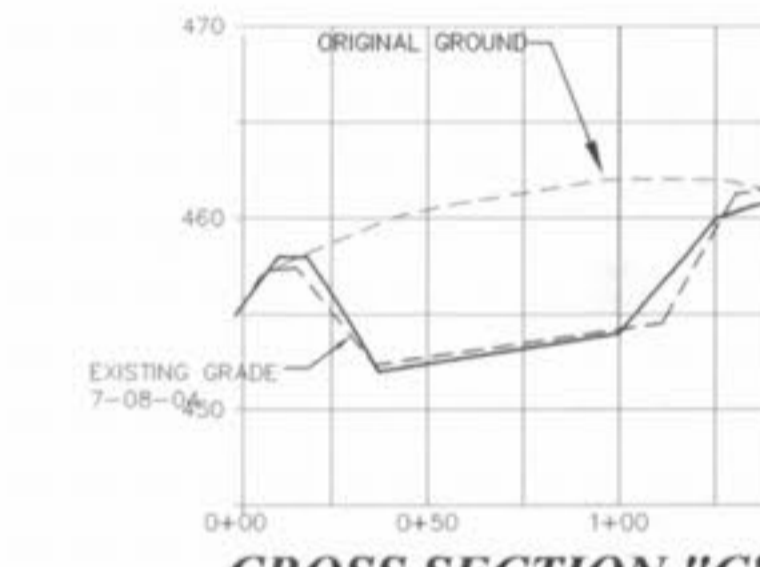
CENTRAL BASIN SWALE
 T.Q. (2) = 36.15 c.f.s.
 SLOPE = 1.0%
 W = 12"
 H = 12"
 CAPACITY = 37.37 c.f.s.



CROSS SECTION "A"

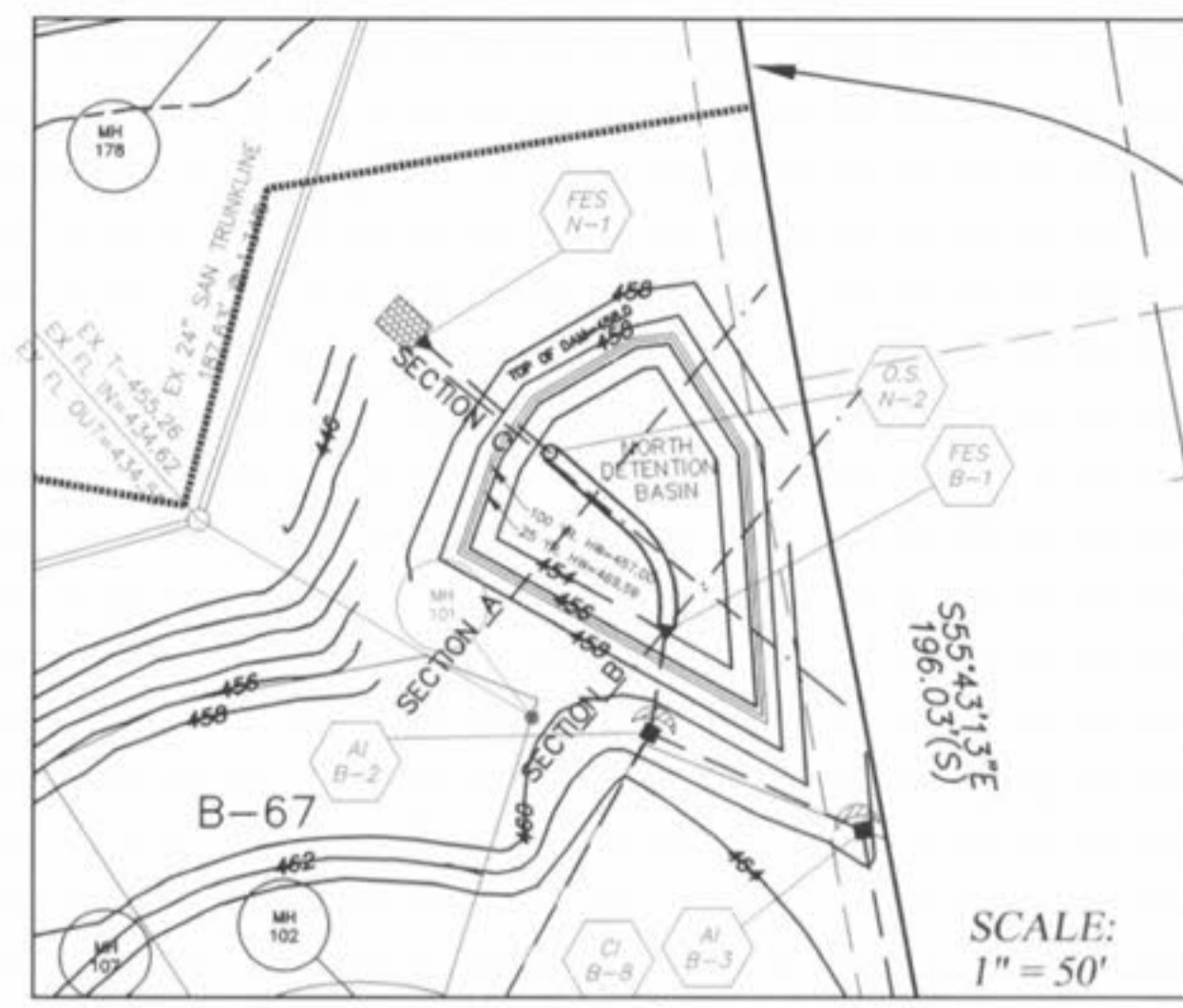


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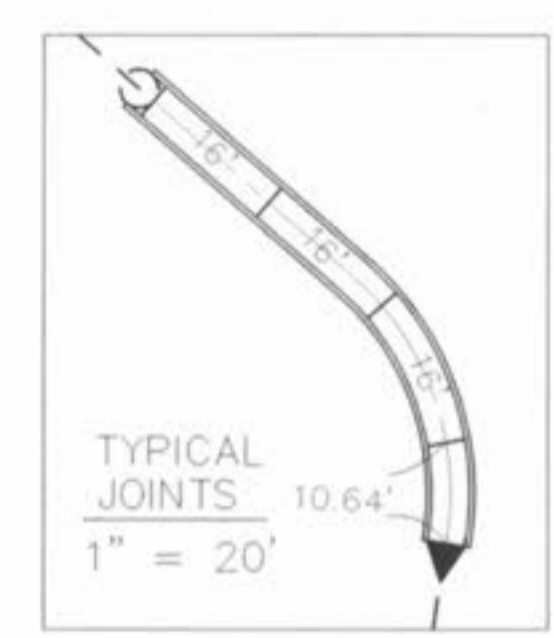


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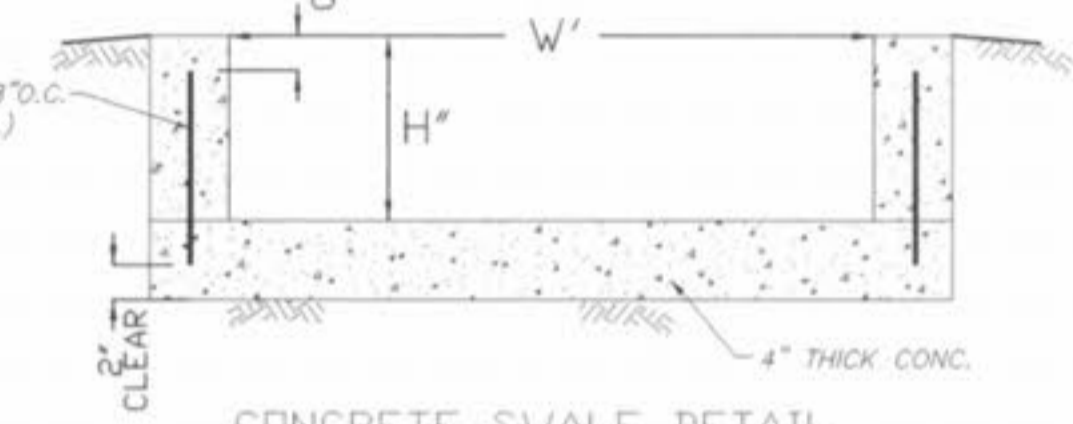
SCALES:
 HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 10'



VILLAGE B ~ PHASE TWO NORTH DETENTION BASIN
 SCALE: 1" = 50'



TYPICAL JOINTS
 1" = 20'



CONCRETE SWALE DETAIL
 NOTE: CONCRETE SWALES ARE TO HAVE SEALED CONSTRUCTION JOINTS @ 16' D.C.

NORTH BASIN SWALE
 T.Q. (2) = 8.66 c.f.s.
 SLOPE = 2.0%
 W = 4"
 H = 4"
 CAPACITY = 10.24 c.f.s.

Phone (681) 640-8890
 Fax (636) 640-8877

T.R. HUGHES INC.
 A BUILDING COMPANY
 Survey Division

PREPARED BY:
 200 Fox Hill Road
 St. Charles, MO 63301

HAMPTON WOODS
 VILLAGE ~ B ~ PHASE 2
 CONSTRUCTION DETAILS
 Prepared For:
 SUMMIT POINTE L.C.
 270 FOX HILL ROAD
 ST. CHARLES, MO 63301
 636-946-9300

STATE OF MISSOURI
 7-12-04
 LEWIS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 NO. 2310

DATE:
 07-12-04
 REVISED

SHEET
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