

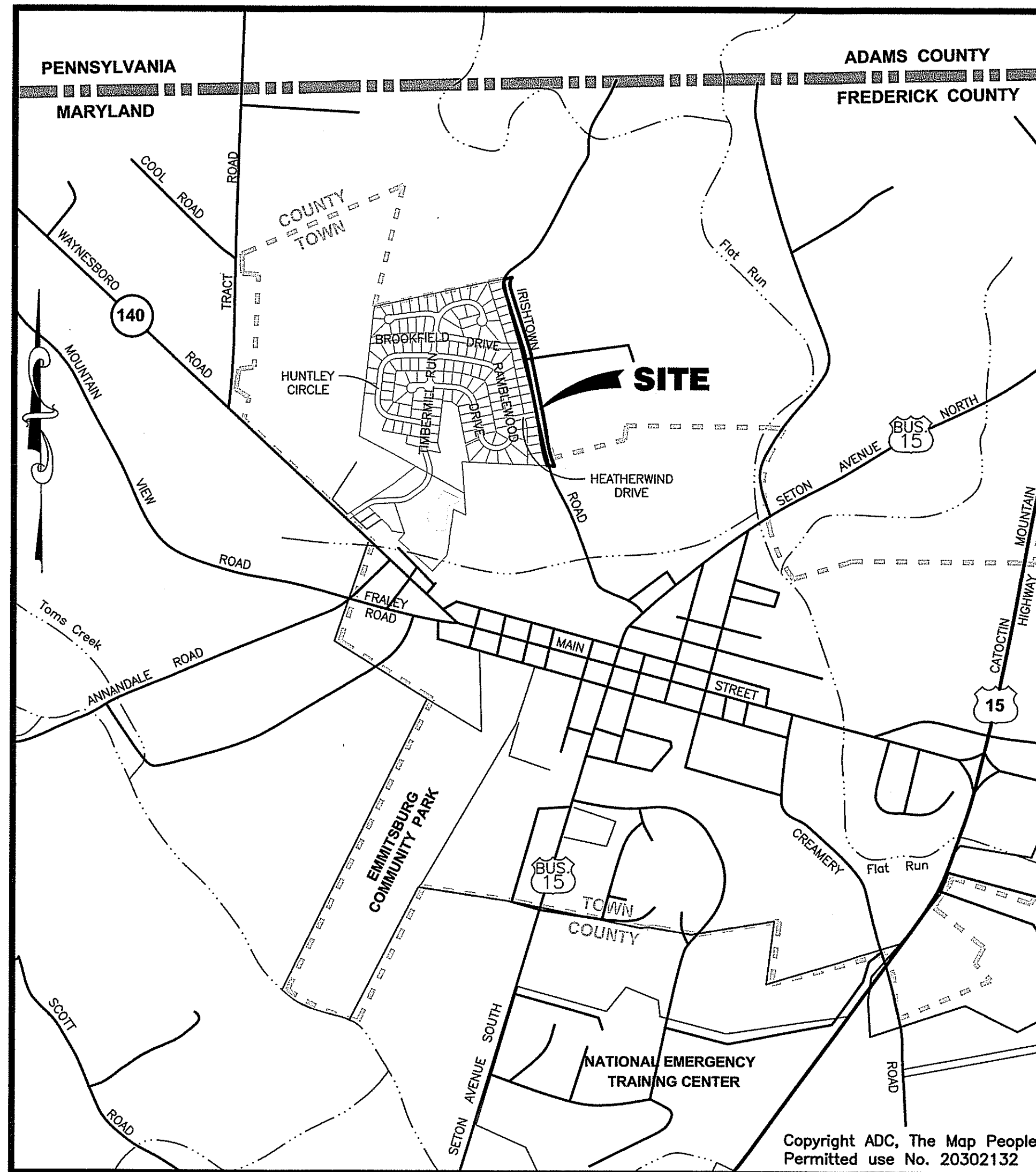
IMPROVEMENT PLANS

IRISHTOWN ROAD

EMMITSBURG, MARYLAND
FREDERICK COUNTY PROJECT # PW260440

SHEET INDEX

SHEET No.	DESCRIPTION
1	COVERSHEET
2	EXISTING CONDITIONS AND DEMO PLAN
3	PAVING PLAN & PROFILE STA. 50+00 TO STA. 59+75
4	PAVING PLAN & PROFILE STA. 10+00 TO STA. 20+46.10
5	STRIPING AND SIGNAGE PLAN
6	PAVING NOTES AND DETAILS
7	UTILITY PLAN & PROFILE STA. 50+00 TO STA. 59+75
8	UTILITY PLAN & PROFILE STA. 10+00 TO STA. 20+46.10
9	UTILITY NOTES AND DETAILS
10	GRADING, STORM DRAIN AND SEDIMENT CONTROL PLAN
11	GRADING, STORM DRAIN AND SEDIMENT CONTROL PLAN
12	STORM DRAIN PROFILES
13	SEDIMENT CONTROL NOTES AND DETAILS
14	SEDIMENT CONTROL NOTES AND DETAILS
15	LANDSCAPE PLAN
E-3	STREET LIGHT PLAN
E-4	STREET LIGHT PLAN
E-5	STREET LIGHT DETAILS



VICINITY MAP

SCALE : 1" = 1000'

TAX MAP 3 PARCEL 91

DISTURBED AREA QUANTITY

THE TOTAL AREA TO BE DISTURBED SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE APPROXIMATELY 144,107 SQ. FT. AND THE TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO BE APPROXIMATELY 144,107 CU. YDS. * OF EXCAVATION AND APPROXIMATELY 144,107 CU. YDS. * OF FILL.

JOSEPH H. CECI, P.E. REG. NO. 30709 DATE 3/22/21

* THESE QUANTITIES ARE APPROXIMATE AND SHALL NOT BE USED BY THE CONTRACTOR FOR BIDDING PURPOSES.

ENGINEER DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01, 26.17.02 AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

JOSEPH H. CECI REG. NO. 30709 DATE 3/22/21

PROFESSIONAL CERTIFICATION



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO. 30709 EXP. DATE 7/23/22

APPROVED BY: TOWN OF EMMITSBURG

TOWN MAYOR DATE

PLANNING COMMISSION CHAIRMAN DATE

FREDERICK SOIL CONSERVATION DISTRICT SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL

By: _____

Date: _____

SCD APPROVAL FOR SEDIMENT AND EROSION CONTROL IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS.
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

OWNERS / DEVELOPERS CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

OWNER / DEVELOPER DATE

PREPARED BY

FOX & ASSOCIATES, INC.

ENGINEERS • SURVEYORS • PLANNERS

981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
WWW.FOXASSOCIATESINC.COM Email: FOX@FOXASSOCIATESINC.COM

82 WORMANS MILL COURT
SUITE 'C'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009



OWNER:

RJD DEVELOPMENT CORPORATION
P.O. BOX 228
CLARKSVILLE, MD 21029
C/O RICHARD DEMMITT
PHONE: 410-365-0414

CDD - Dev. Review

File : _____

A / P # : _____

Due Date : _____

PROJECT NO. 18-58891

DRAWING NO. D-3501

DATE: AUGUST 2020

DRAWN BY: RND

CHECKED BY: JEM

SHEET 1 OF 15

FOX & ASSOCIATES, INC.

ENGINEERS • SURVEYORS • PLANNERS

82 WORMANS MILL COURT
SUITE C
HAGERSTOWN, MD. 21740
PHONE: (301) 733-8803
FAX: (301) 733-8809
WWW.FOXASSOCIATESINC.COM

DRAWN BY

REVISION COMMENTS

DATE

EXISTING CONDITIONS AND DEMO PLAN

IRISHTOWN ROAD

SITUATED ON THE WEST SIDE OF IRISHTOWN ROAD
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 50'

PROFESSIONAL CERTIFICATION



I HEREBY CERTIFY THAT THESE DOCUMENTS
WERE PREPARED OR APPROVED BY ME, AND THAT
I AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO. 18-50891
DRAWING NO. D-3501
DATE: AUGUST 2020
DRAWN BY: JWE
CHECKED BY: JEM

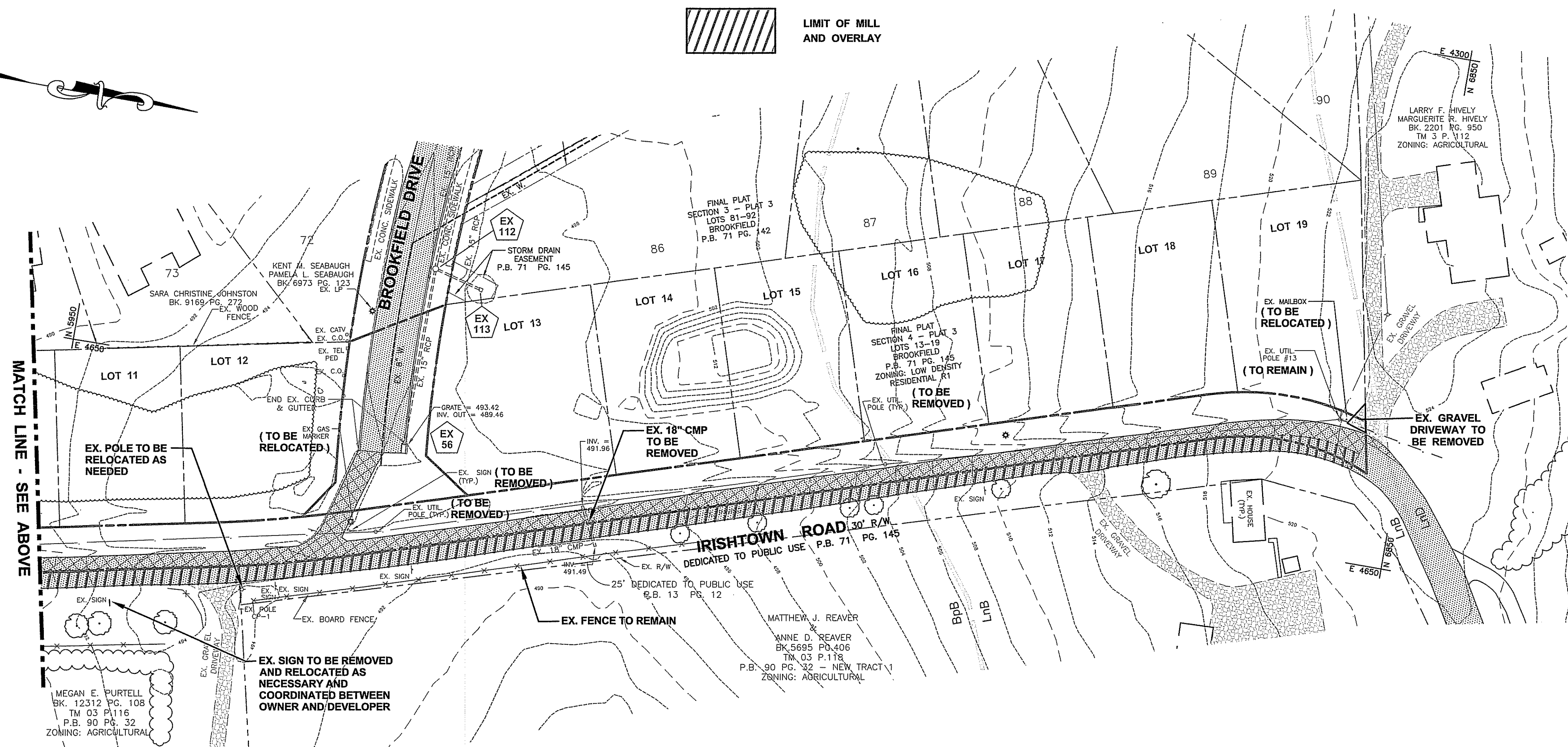
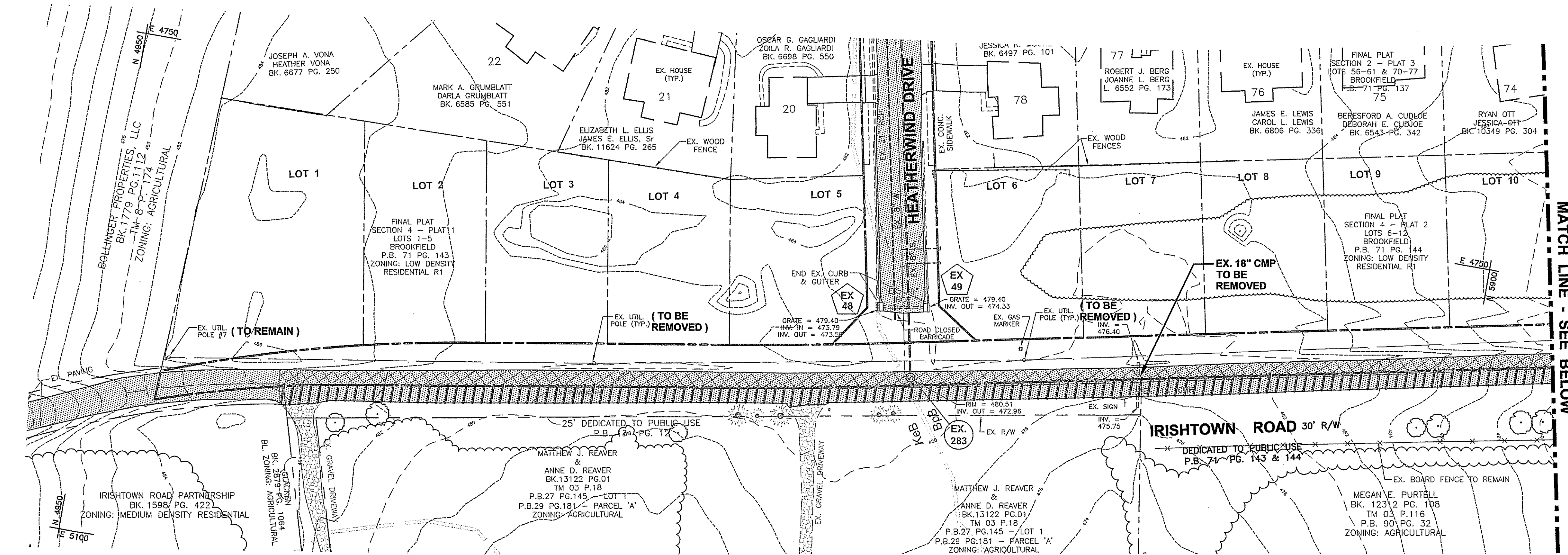
SHEET 2 OF 15

LEGEND

- 406 --- EXISTING 2' CONTOUR
- 400 --- EXISTING 10' CONTOUR
- EX. 8" W. --- EXISTING WATER LINE
- EX. 8" S. --- EXISTING SEWER LINE
- EX. 18" RCP --- EXISTING STORM DRAIN
- CeC --- SOIL LINE
- MVC --- SOIL LINE
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING FENCE
- EXISTING TREE CANOPY
- EXISTING TREE CANOPY

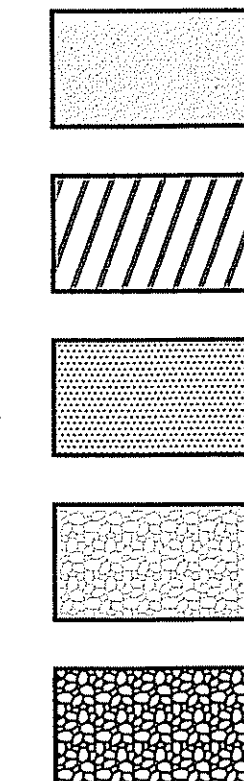
LEGEND

- EXISTING PAVEMENT TO REMAIN
- EXISTING GRAVEL
- EXISTING PAVEMENT TO BE REMOVED
- LIMIT OF MILL AND OVERLAY



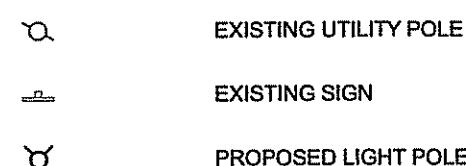
CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	TANGENT	BEARING
C1	1001.00'	311.91	17°51'13"	157.23'	N18°28'08"W
C2	2765.91'	99.95'	2°04'14"	49.98'	N10°34'39"W

LEGEND

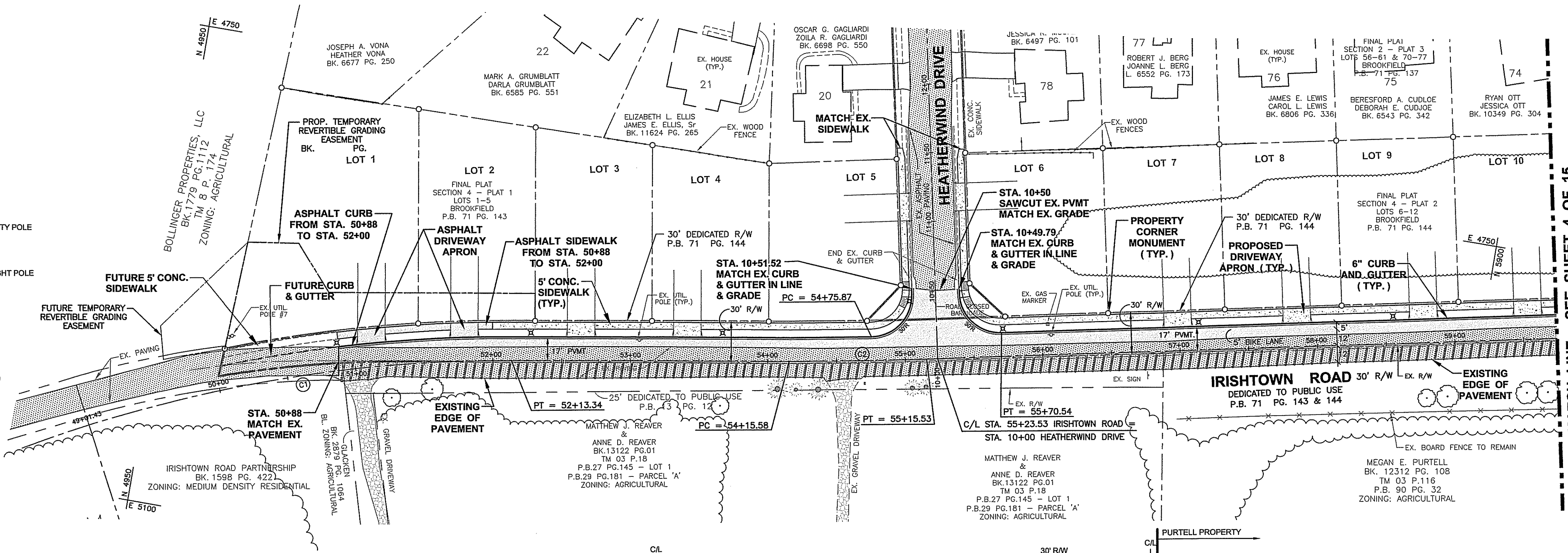


PROPOSED PAVEMENT
MILL AND OVERLAY PAVEMENT OR FULL PAVEMENT RECONSTRUCTION PER FIELD CONDITIONS
EXISTING PAVEMENT
EXISTING GRAVEL DRIVEWAY
PROPOSED GRAVEL APRON

LEGEND

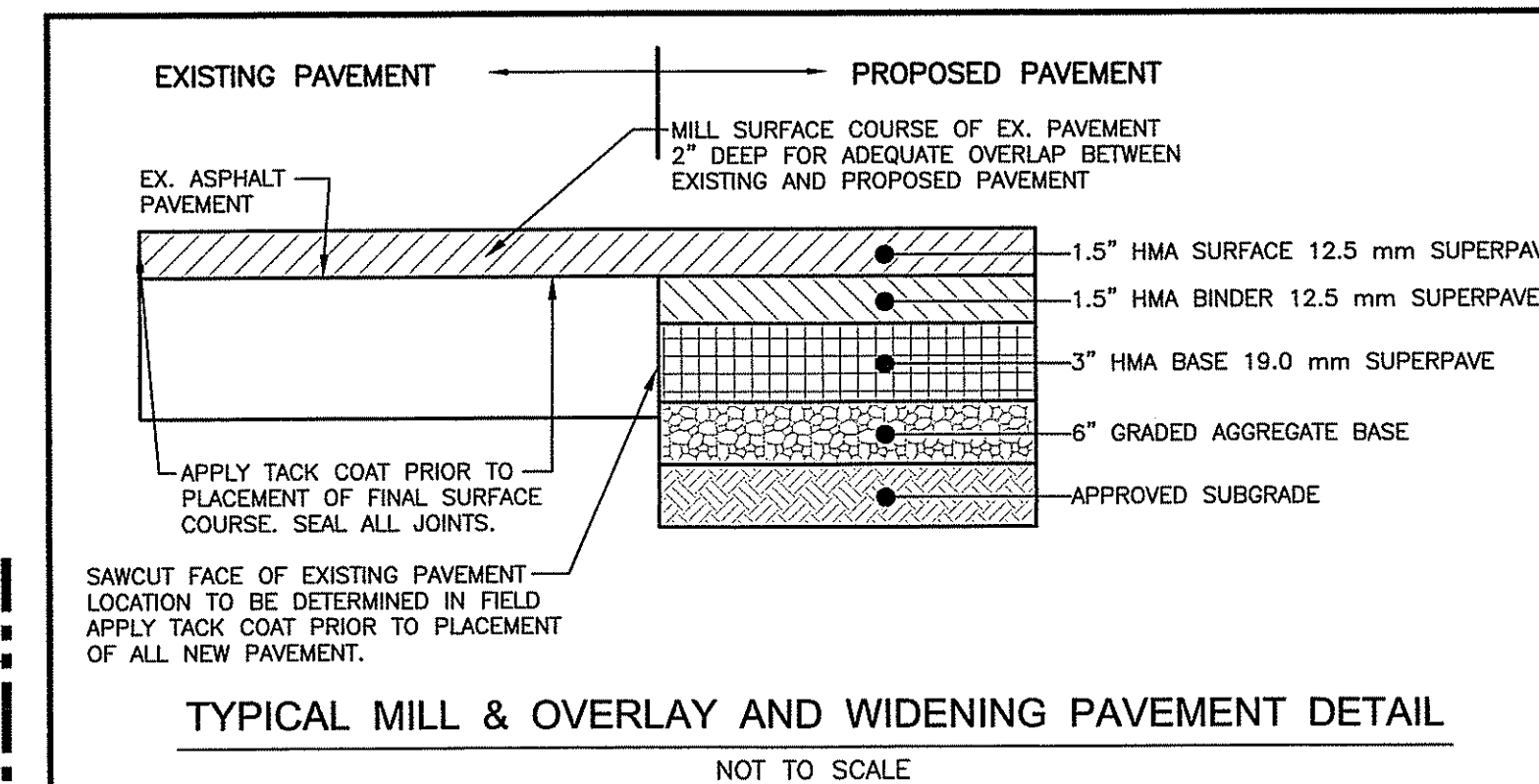
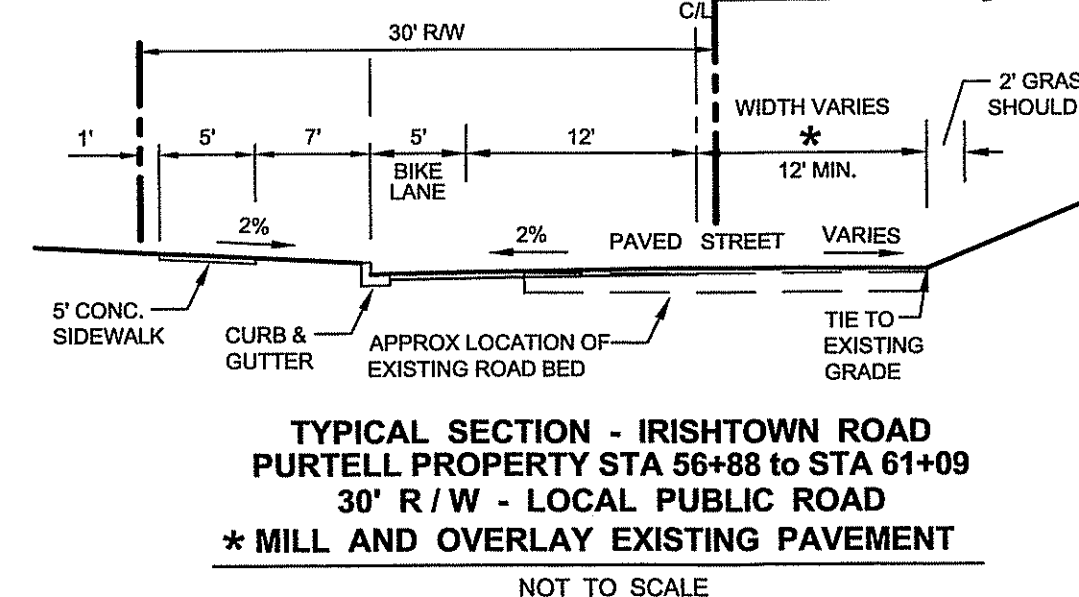
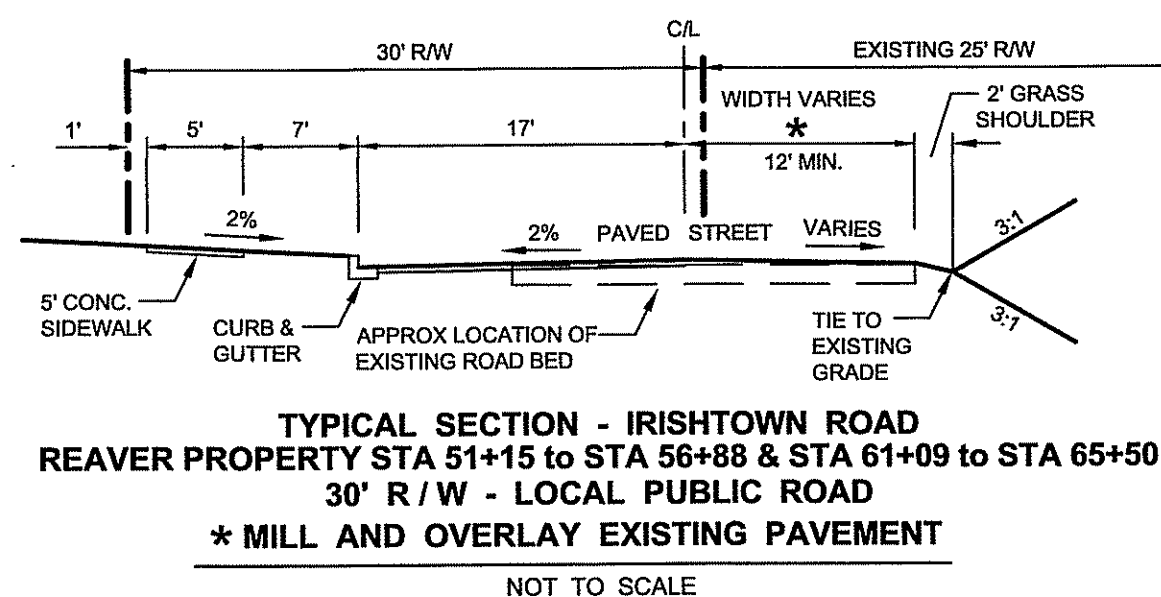


NOTE:
A TEMPORARY PAVING TRANSITION IS REQUIRED UP TO STA. 50+87.52 UNTIL SUCH TIME AS IRISHTOWN ROAD IS RECONSTRUCTED SOUTH OF STA. 52+00.



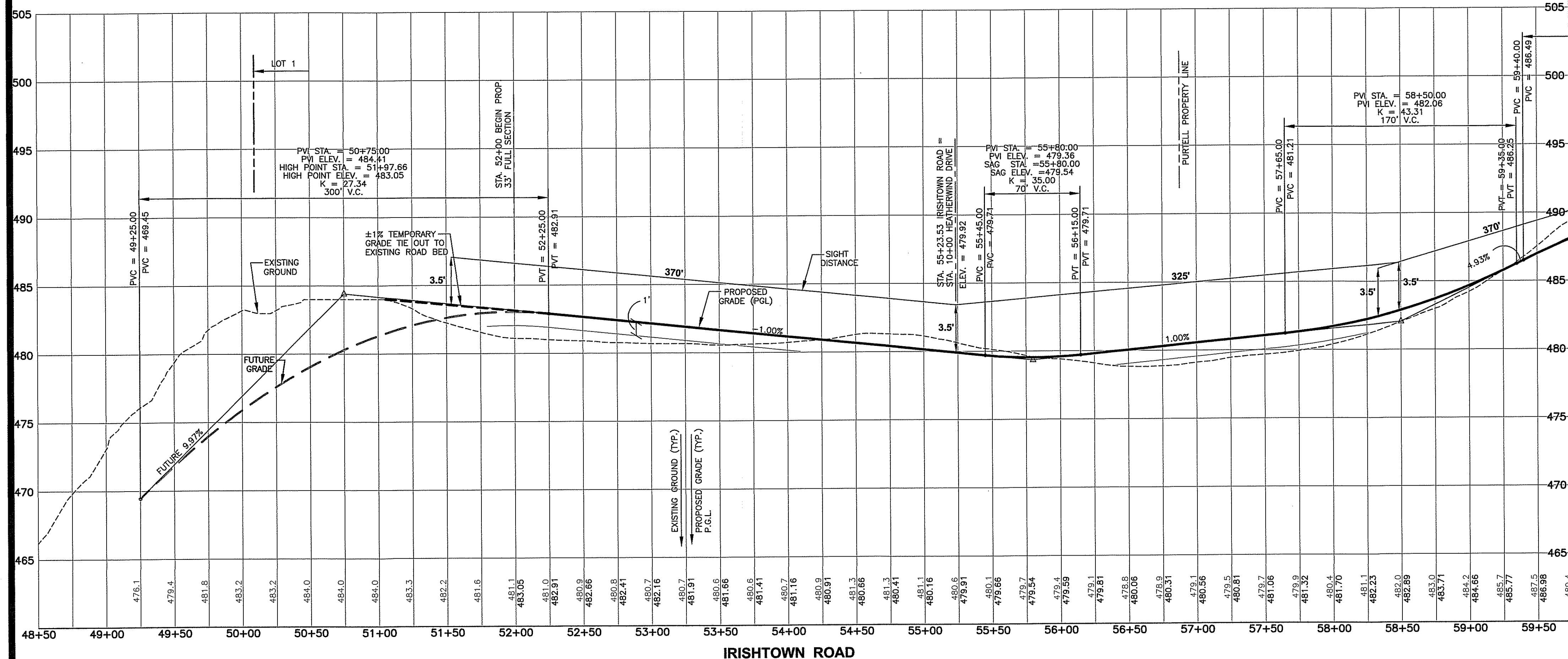
SCALES
PLAN: 1" = 50'
PROFILE: HORIZ. 1" = 50'
VERT. 1" = 5'

POSTED SPEED LIMIT 25 MPH
DESIGN SPEED 35 MPH

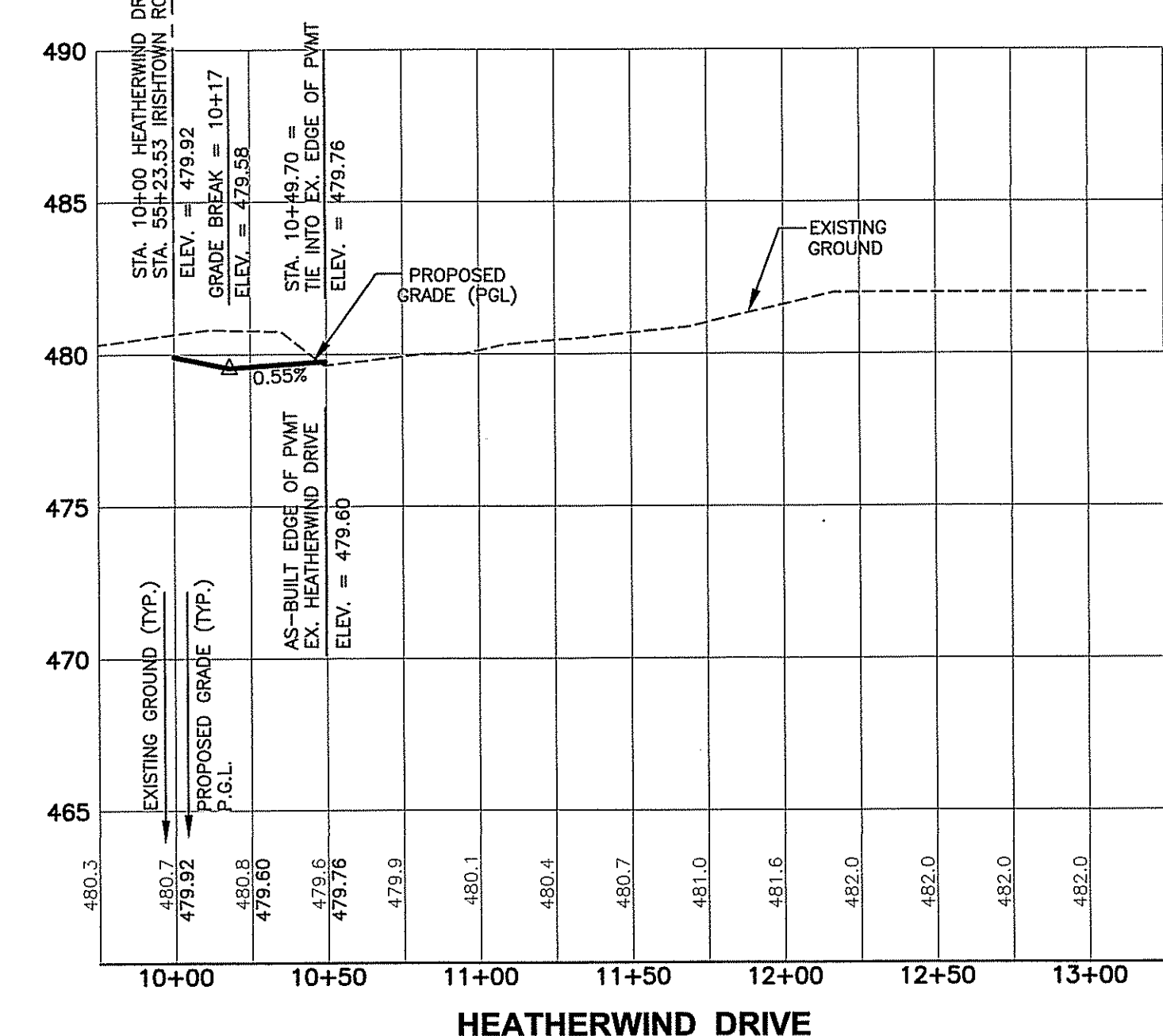


STRUCTURAL FILL NOTE:

STRUCTURAL FILL SHALL BE COMPACTED TO 97% MAX. DRY DENSITY. FOR TOP 1' OF MATERIAL AND 95% MAX. DRY DENSITY BELOW 1' PER AASHTO T-180 OR AS RECOMMENDED BY PROJECT GEOTECHNICAL ENGINEER.



MATCH LINE - SEE SHEET 4 OF 15



HEATHERWIND DRIVE

CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD
C3	940.23'	99.80'	6°04'33"	49.95'	S14°39'13"E 99.75'
C4	151.00'	108.30'	41°09'30"	56.59'	N02°51'06"E 105.99'

LEGEND

- PROPOSED PAVEMENT
- MILL AND OVERLAY PAVEMENT OR FULL PAVEMENT RECONSTRUCTION PER FIELD CONDITIONS
- EXISTING PAVEMENT
- EXISTING GRAVEL DRIVEWAY
- PROPOSED GRAVEL APRON

LEGEND

- EXISTING UTILITY POLE
- EXISTING SIGN
- PROPOSED LIGHT POLE

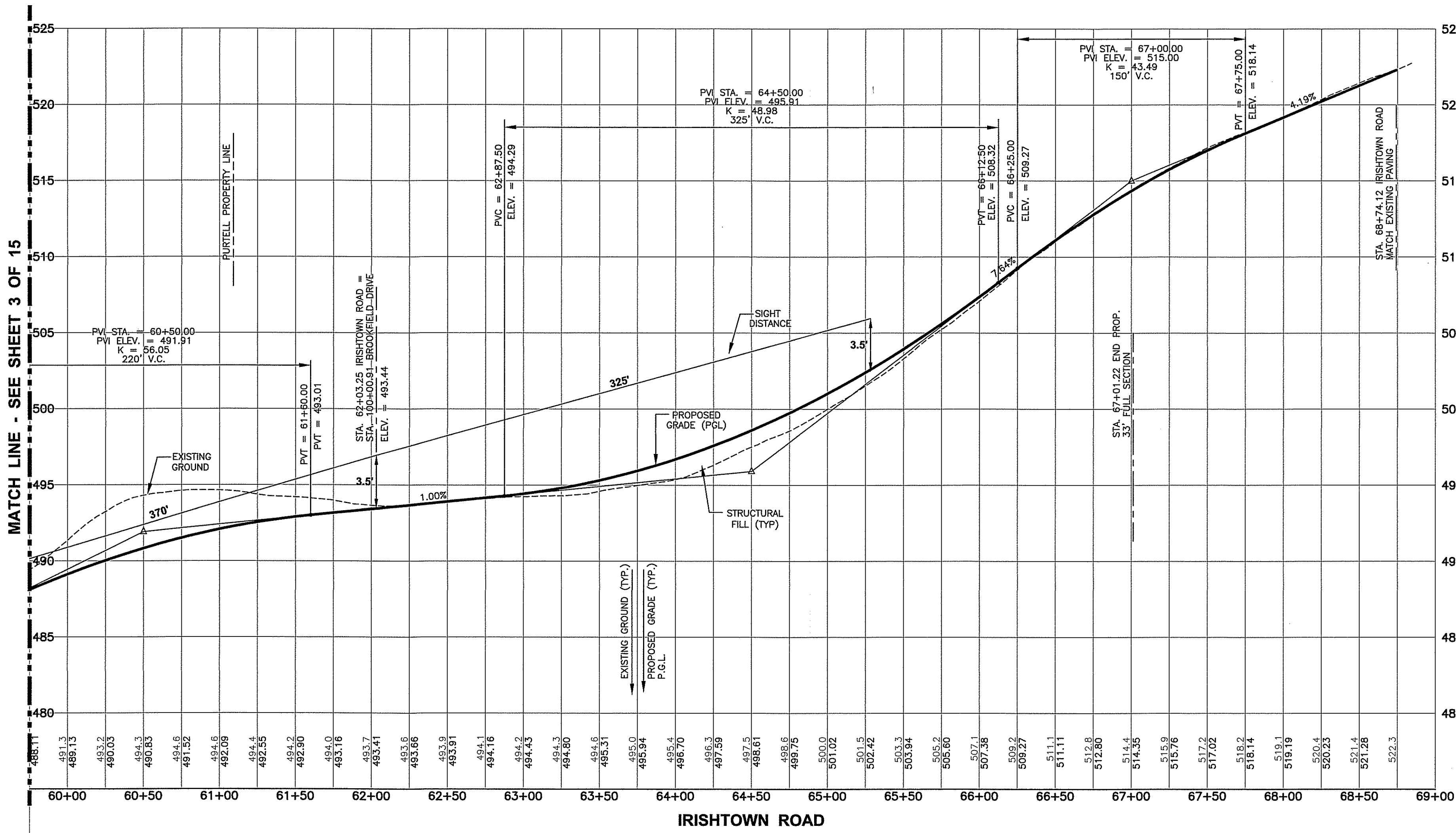
SCALES

PLAN: 1" = 50'
PROFILE: HORIZ. - 1" = 50'
VERT. - 1" = 5'

POSTED SPEED LIMIT 25 MPH
DESIGN SPEED 35 MPH

STRUCTURAL FILL NOTE:

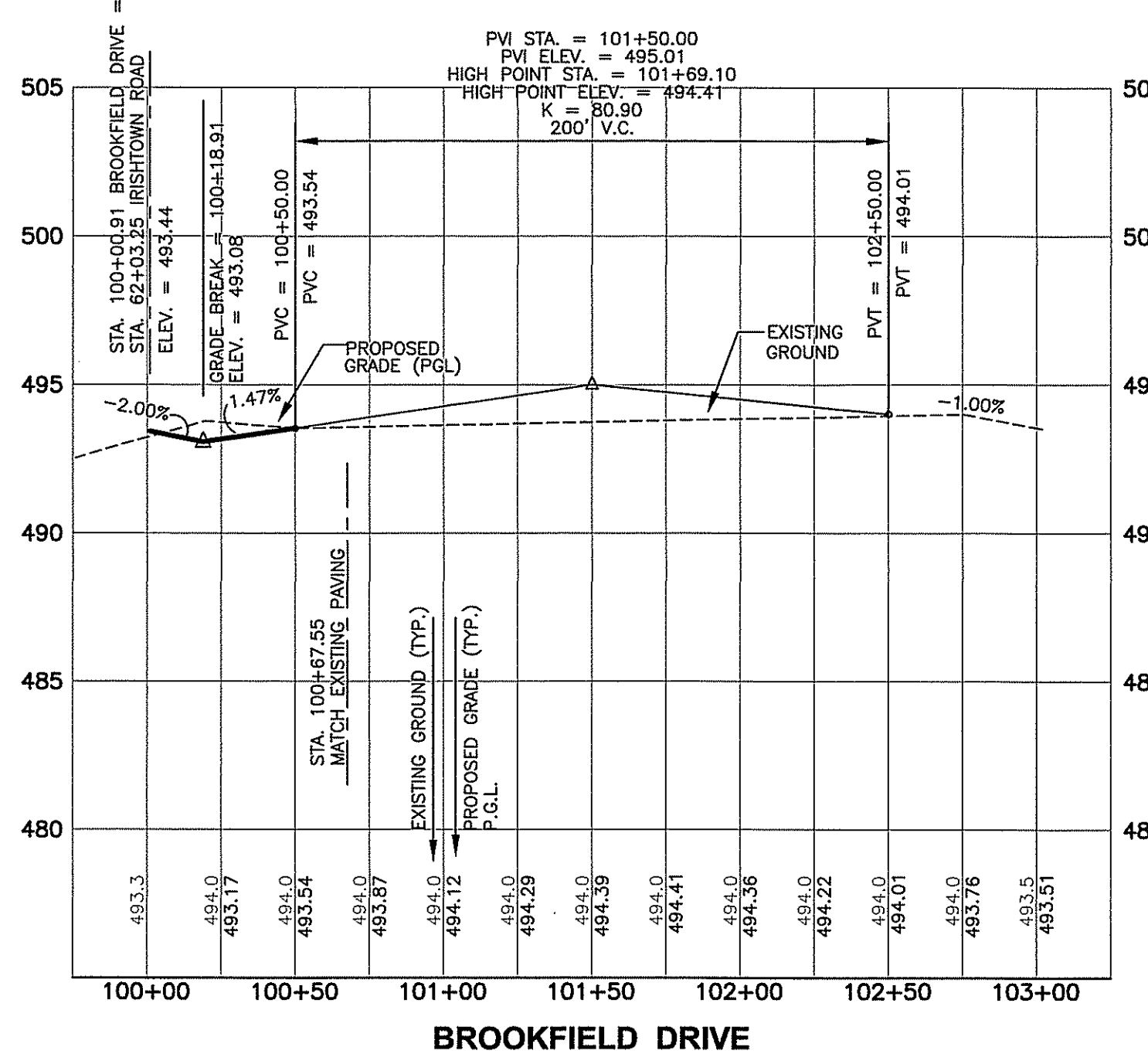
STRUCTURAL FILL SHALL BE COMPACTED TO 97% MAX. DRY DENSITY FOR TOP 1' OF MATERIAL AND 95% MAX. DRY DENSITY BELOW 1' PER AASHTO T-180 OR AS RECOMMENDED BY PROJECT GEOTECHNICAL ENGINEER.



TYPICAL SECTION - IRISHTOWN ROAD
PURTELL PROPERTY STA 56+88 TO STA 61+09
30' R/W - LOCAL PUBLIC ROAD
*** MILL AND OVERLAY EXISTING PAVEMENT**
NOT TO SCALE

TYPICAL SECTION - IRISHTOWN ROAD
REAVER PROPERTY STA 51+15 TO STA 56+88 & STA 61+09 TO STA 65+50
30' R/W - LOCAL PUBLIC ROAD
*** MILL AND OVERLAY EXISTING PAVEMENT**
NOT TO SCALE

TYPICAL SECTION - IRISHTOWN ROAD
REAVER PROPERTY STA 65+50 TO STA 68+74.12
*** MILL AND OVERLAY EXISTING PAVEMENT**
NOT TO SCALE



STRIPING AND SIGNAGE PLAN
IRISHTOWN ROAD

SITUATED ON THE WEST SIDE OF IRISHTOWN ROAD
TOWN OF EMMITSBURG, ELECTION DISTRICT No. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 50'

PROFESSIONAL CERTIFICATION



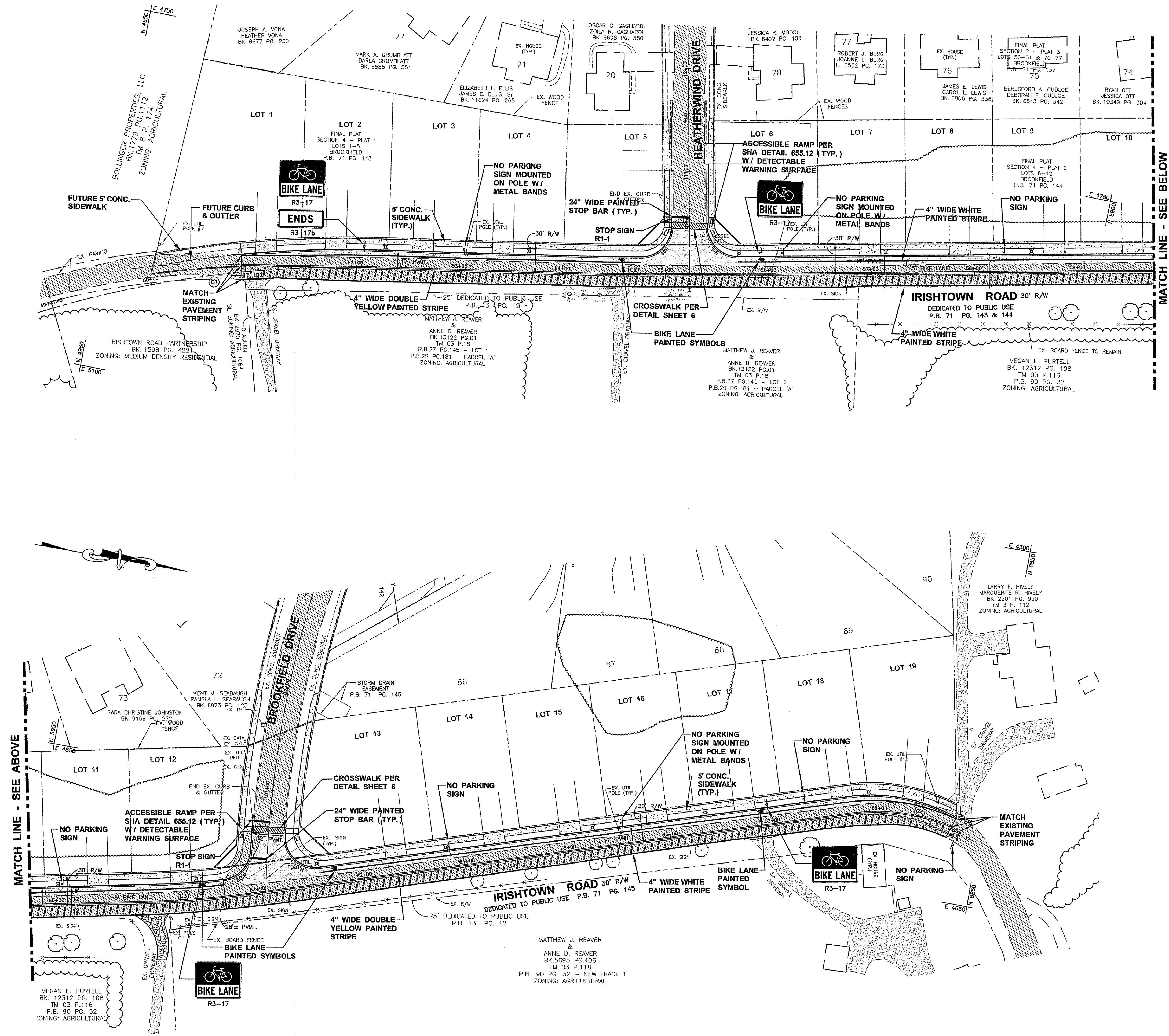
I HEREBY CERTIFY THAT THESE DOCUMENTS
WERE PREPARED OR APPROVED BY ME, AND THAT
I AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MARYLAND.

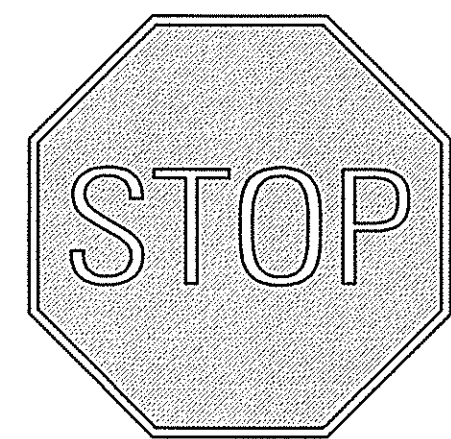
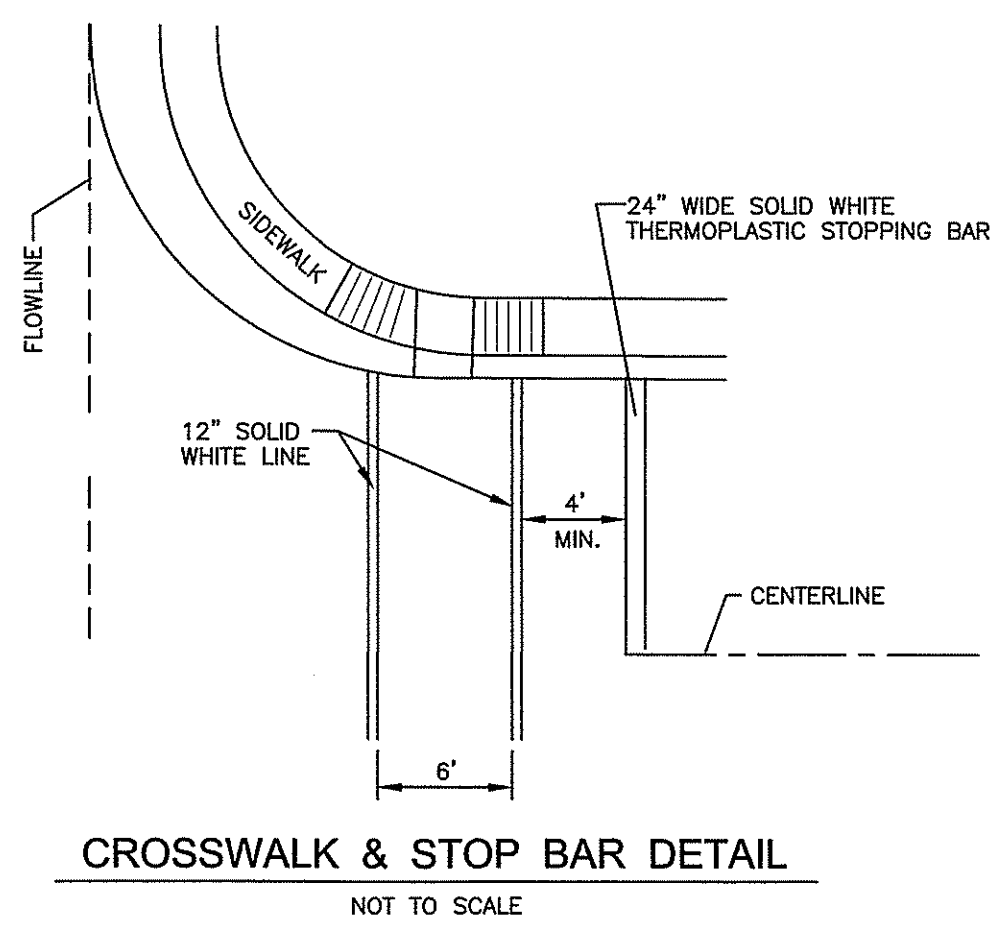
LICENSE NO. 18-50891 EXP. DATE: 7/23/22

PROJECT NO. 18-50891
DRAWING NO. D-3501
DATE: AUGUST 2020
DRAWN BY: JWE
CHECKED BY: JEM

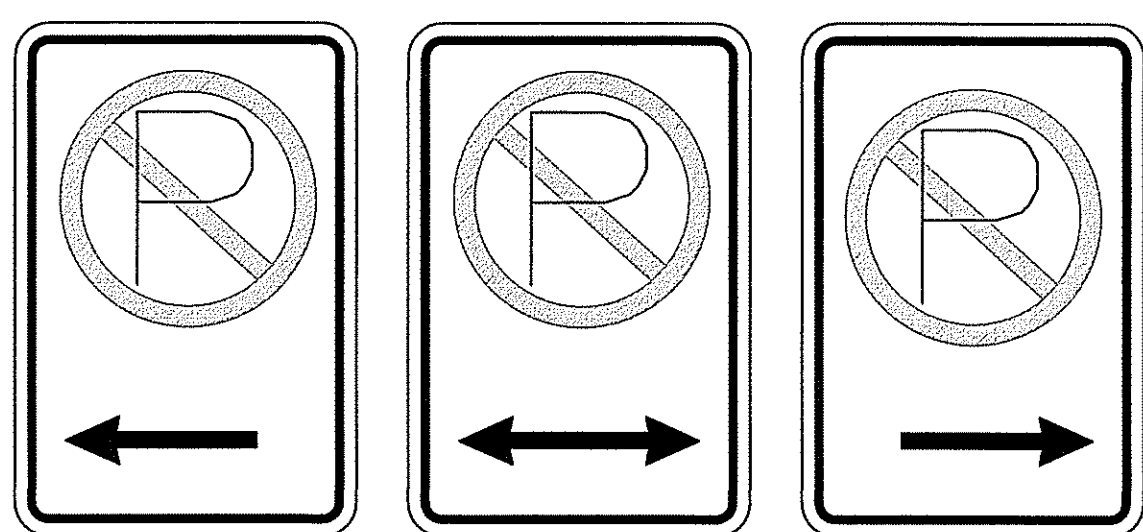
LEGEND

- EXISTING UTILITY POLE
- EXISTING SIGN
- PROPOSED UTILITY POLE
- PROPOSED SIGN



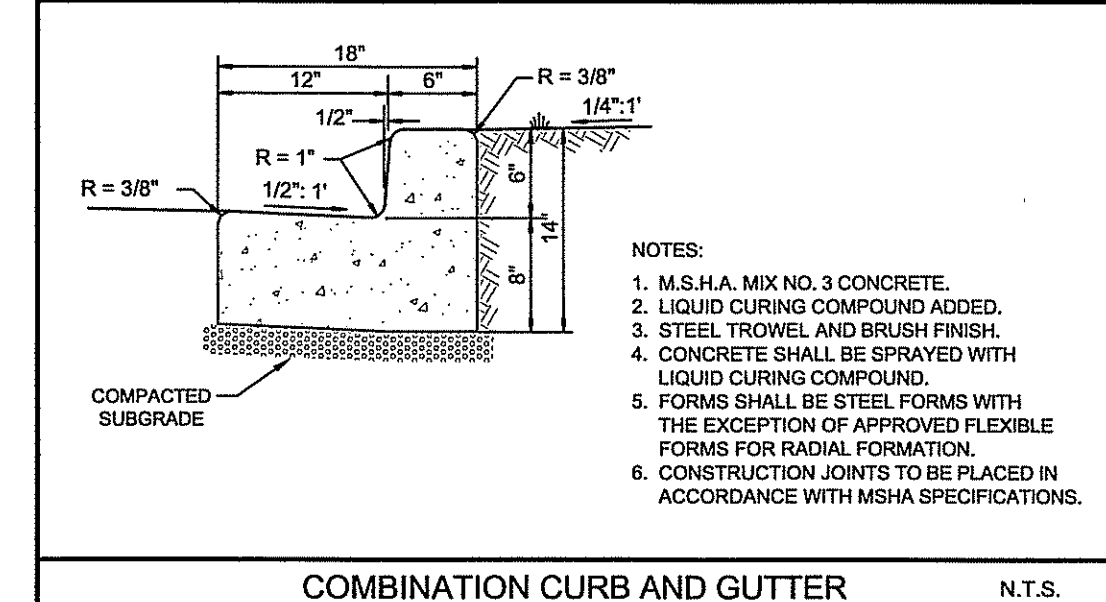


STOP
R7-1
30"x30"



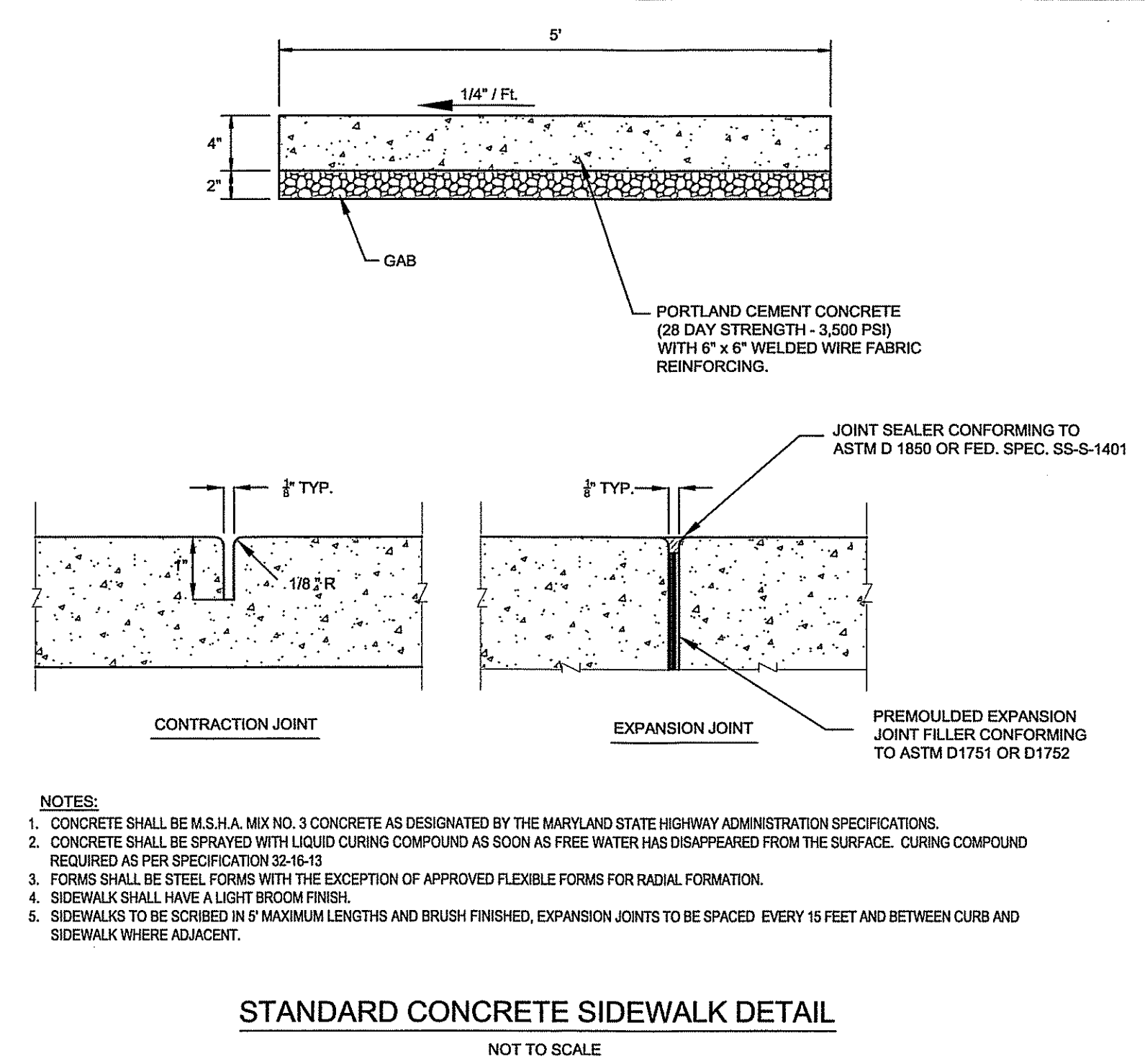
(A) NO PARKING R7-1 12"x18"
(C) NO PARKING R7-1 12"x18"
(B) NO PARKING R7-1 12"x18"

NOTE:
NO PARKING SIGNS ARE TO BE INSTALLED AT AN ANGLE OF NOT LESS THAN 30 DEGREES AND NOT MORE THAN 45 DEGREES WITH THE LINE OF TRAFFIC FLOW.



COMBINATION CURB AND GUTTER N.T.S.

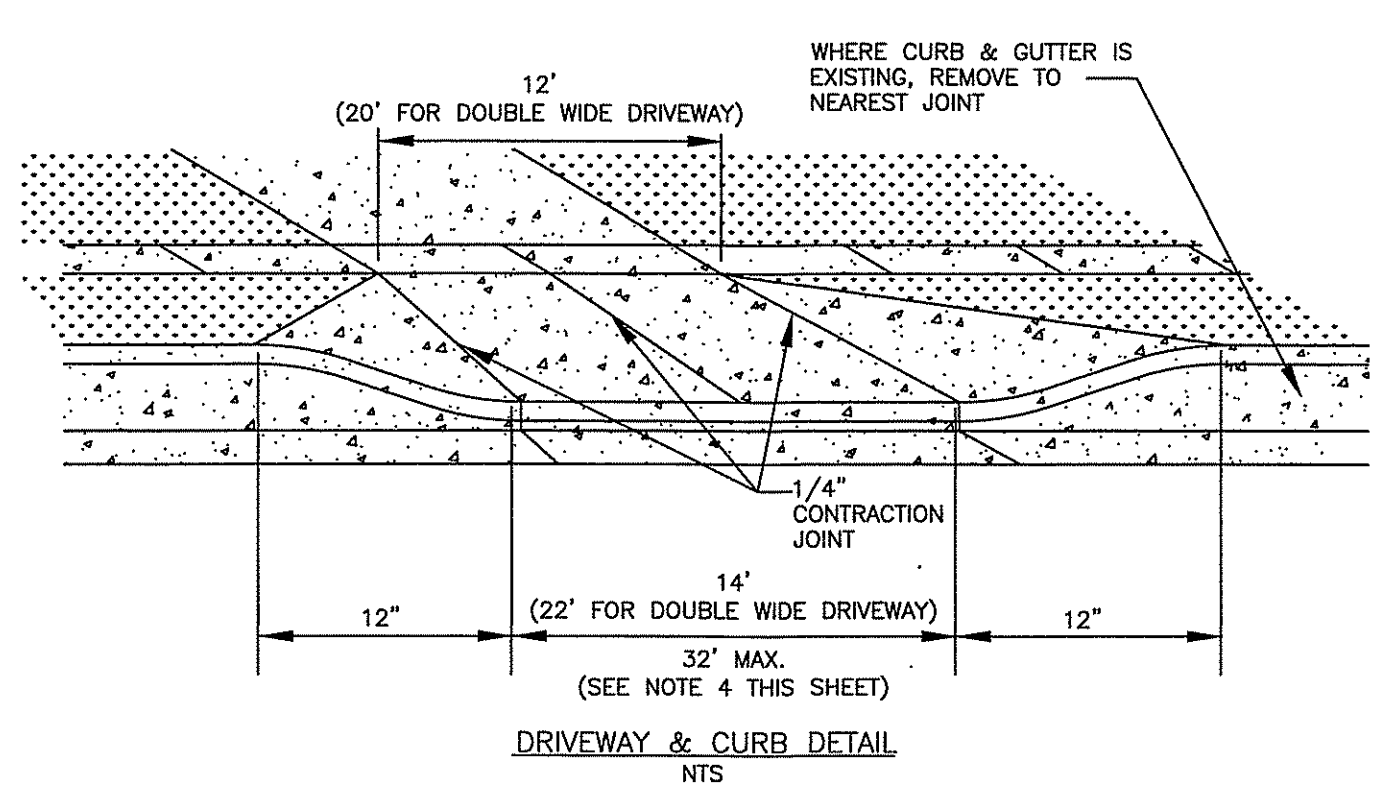
GENERAL NOTES
All bicycle lane pavement markings shall be white unless otherwise noted.
All pavement marking materials shall meet the required Department Material Specifications as specified by the plans.
The current edition of AASHTO's Guide for the Development of Bicycle Facilities should be referenced for variations in design, other geometric conditions, and lane width options.
Other bicycle lane symbol or word markings as shown in the Manual on Uniform Traffic Control Devices may be used.
The "BIKE LANE" (R3-17) sign with the "AHEAD" (R3-17a) sign mounted directly below should be installed in advance of the beginning of a marked bike lane.
The "BIKE LANE" (R3-17) sign with the "END" (R3-17b) sign mounted directly below should be installed at the end of marked bicycle lane.



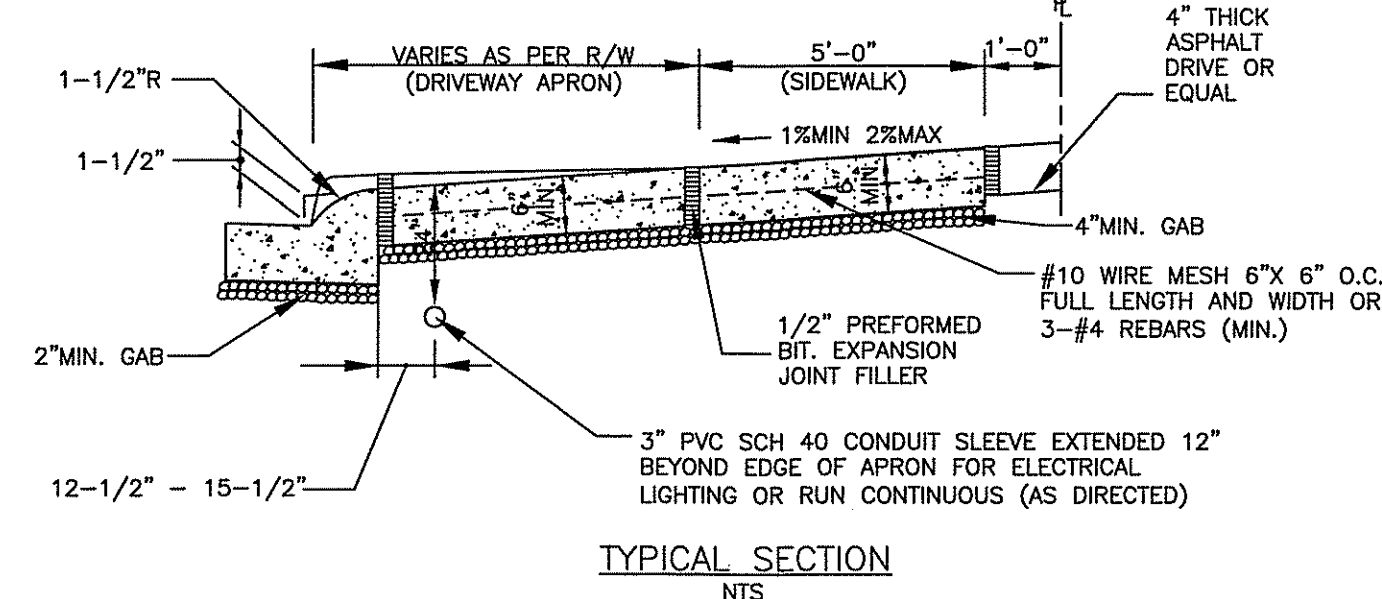
STANDARD CONCRETE SIDEWALK DETAIL

NOT TO SCALE

- NOTES:
1. CONCRETE SHALL BE M.S.H.A. MIX NO. 3 CONCRETE AS DESIGNATED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS.
2. CONCRETE SHALL BE SPRAYED WITH LIQUID CURING COMPOUND AS SOON AS FREE WATER HAS DISAPPEARED FROM THE SURFACE. CURING COMPOUND REQUIRED AS PER SPECIFICATION 32-16-13.
3. FORMS SHALL BE STEEL FORMS WITH THE EXCEPTION OF APPROVED FLEXIBLE FORMS FOR RADIAL FORMATION.
4. SIDEWALK SHALL HAVE A LIGHT BROOM FINISH.
5. SIDEWALKS TO BE SCRIBED IN 5' MAXIMUM LENGTHS AND BRUSH FINISHED, EXPANSION JOINTS TO BE SPACED EVERY 15 FEET AND BETWEEN CURB AND SIDEWALK WHERE ADJACENT.



DRIVEWAY & CURB DETAIL
N.T.S.

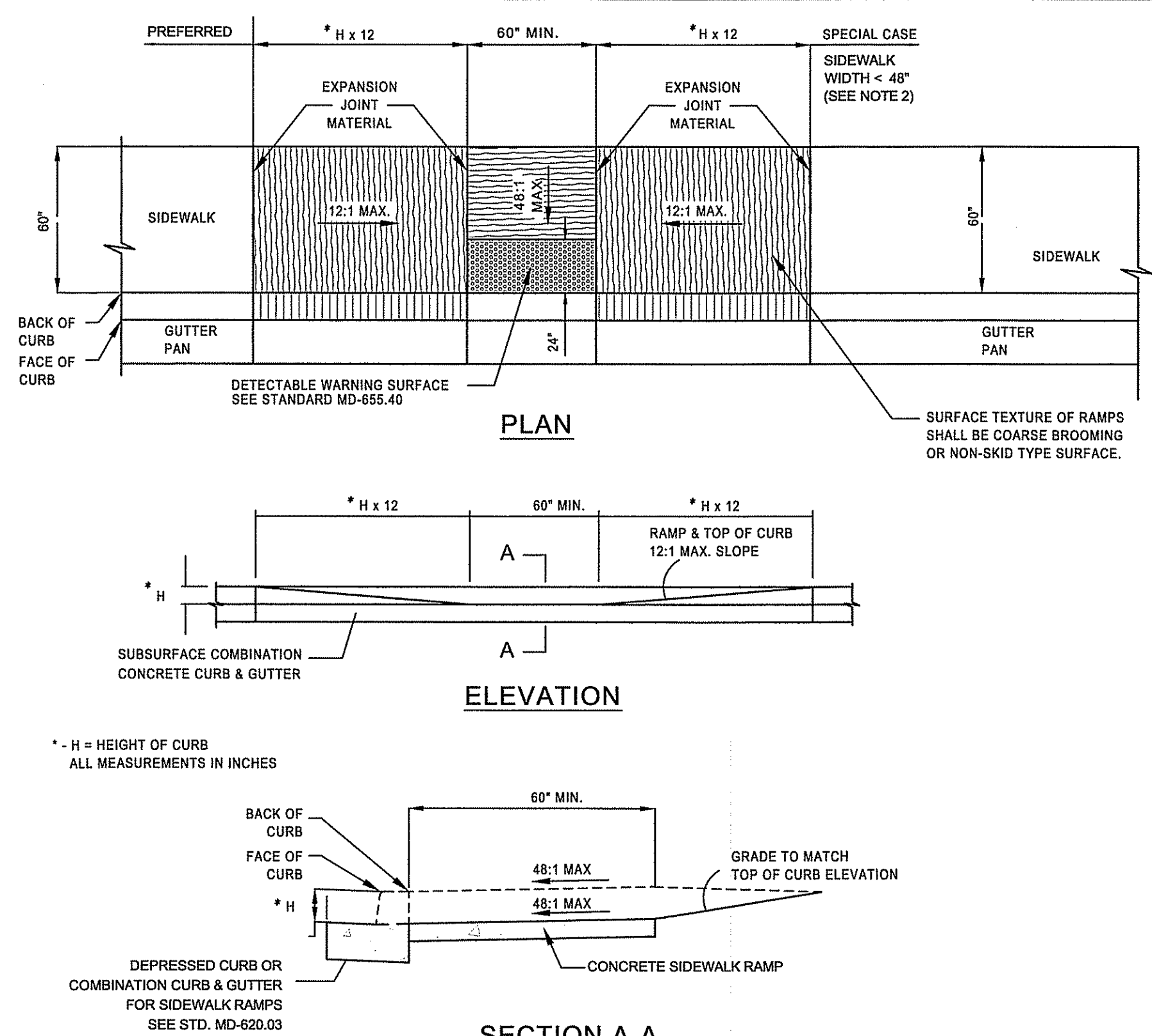


TYPICAL SECTION
N.T.S.

- NOTES:
1. SCORE 1/4" DUMMY CONTRACTION JOINTS AT 4'-0" INTERVALS.
2. CONSTRUCT 1/2" BITUMINOUS EXPANSION JOINTS AT 20'-0" (MAX.) INTERVALS.
3. CONCRETE SHALL BE SPRAYED WITH LIQUID CURING COMPOUND AS SOON AS FREE WATER HAS DISAPPEARED FROM THE SURFACE.
4. 32' MAXIMUM WIDTH IS SUBJECT TO APPROVAL ON A CASE BY CASE BASIS AND FOR COMMERCIAL USE.
5. CONCRETE TO BE MSHA MIX NO. 3.

TYPICAL DRIVEWAY APRON DETAIL

NOT TO SCALE

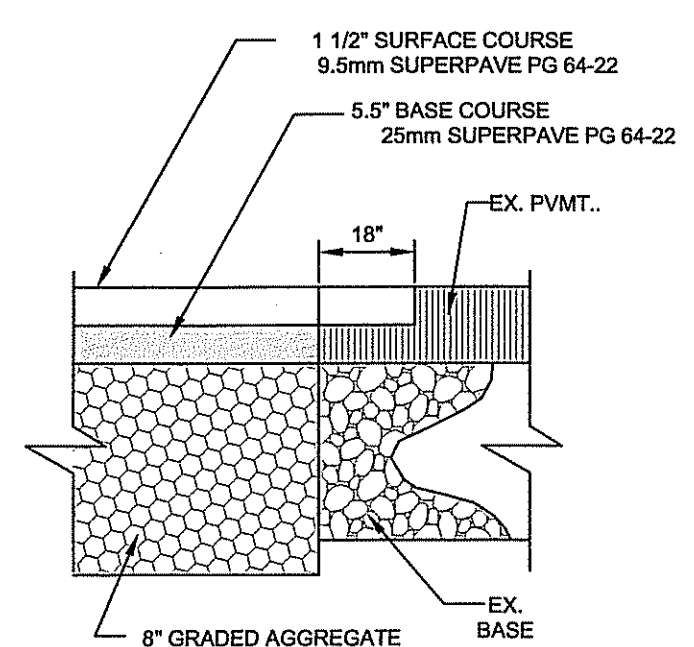


SIDEWALK RAMP - PARALLEL

NOT TO SCALE

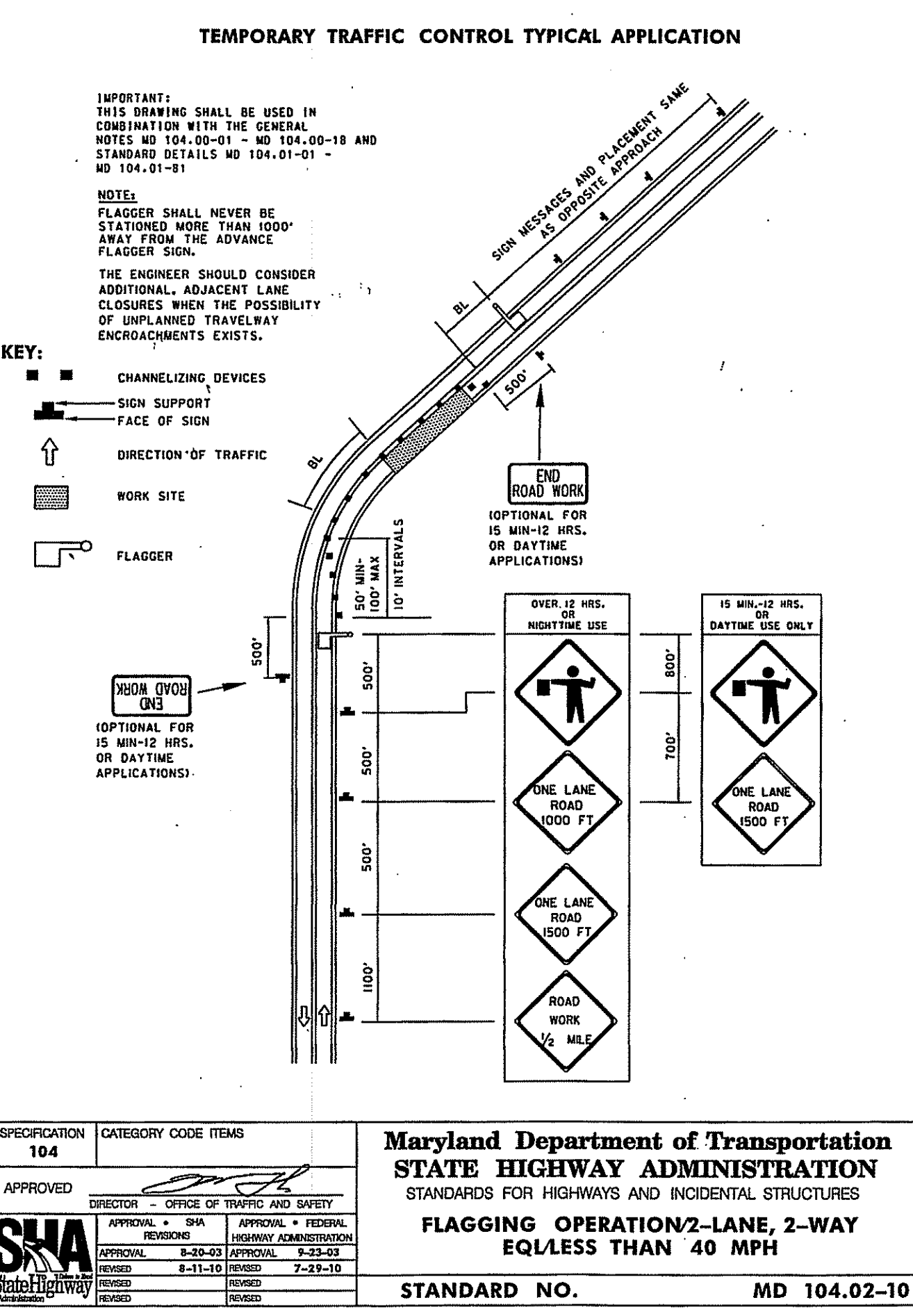
STANDARD NO. MD 655.12

- NOTES:
1. TO BE USED WHERE SIDEWALK IS ADJACENT TO THE CURB. THIS STANDARD MAY BE MODIFIED TO SUIT A PARTICULAR LOCATION.
2. WHERE 60" SIDEWALK CAN NOT BE PROVIDED, A DESIGN WAIVER MUST BE REQUESTED.
3. NO TRAVERSABLE SLOPE ON THE RAMP OR SIDEWALK SHALL EXCEED 12:1 IN THE DIRECTION OF PEDESTRIAN TRAVEL, OR 48:1 PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
4. EXPANSION JOINT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH STD. MD-655.01.
5. SIDEWALK RAMP TO BE SHOWN ON PLANS SYMBOLICALLY AND REFERENCED WITH THE CENTER OF THE RAMP ALIGNED TO A STATION ON THE CONSTRUCTION CENTERLINE. SEPARATE DETAILS SHALL BE SHOWN WHERE PROPOSED RAMP VARIES FROM STANDARD CASES.
6. TRANSITION PANELS TO TIE INTO EXISTING SIDEWALK MUST BE A MINIMUM OF 5' IN LENGTH.

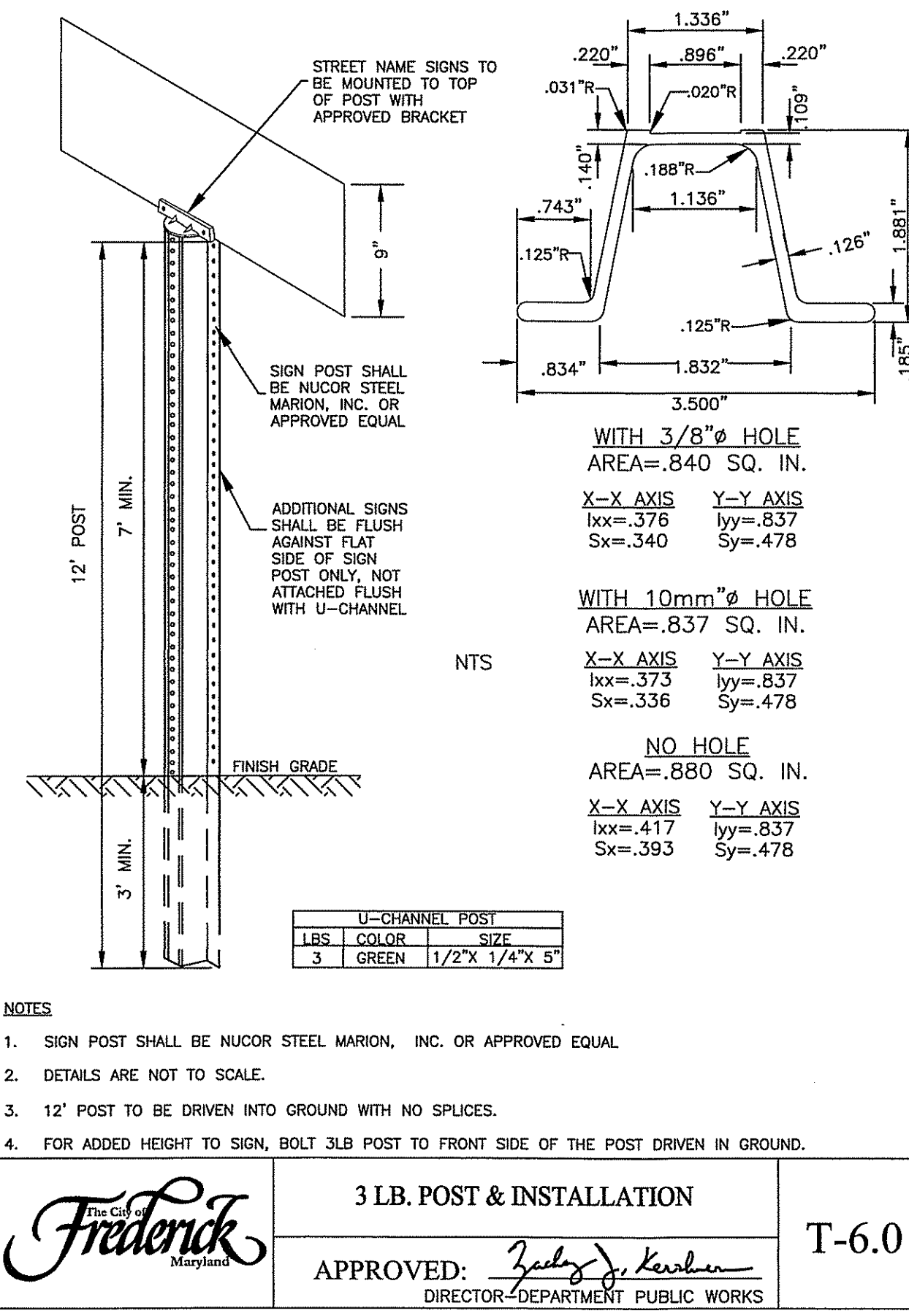


PAVEMENT TIE-IN DETAIL

NOT TO SCALE

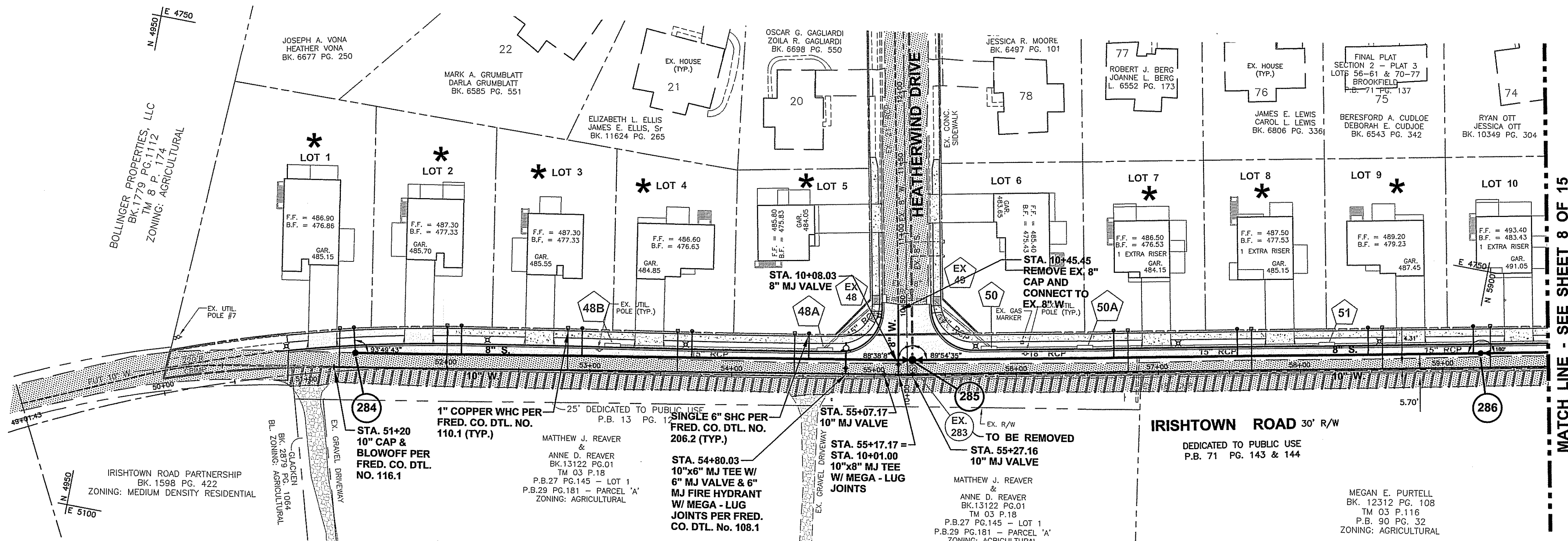


Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
FLAGGING OPERATION 2-LANE, 2-WAY
EQL/LESS THAN 40 MPH
STANDARD NO. MD 104.02-10



3 LB. POST & INSTALLATION
APPROVED: *Joseph D. Kerlan*
DIRECTOR-DEPARTMENT PUBLIC WORKS
T-6.0

MANHOLE	STATION	OFFSET	RIM ELEV.
284	51+35.69	12.05' L	483.56
285	55+27.14	11.00' L	479.67
286	59+26.75	11.00' L	485.85
287	61+38.07	9.69' L	492.55
288	65+32.55	11.00' L	502.65
289	67+98.42	12.79' L	519.01

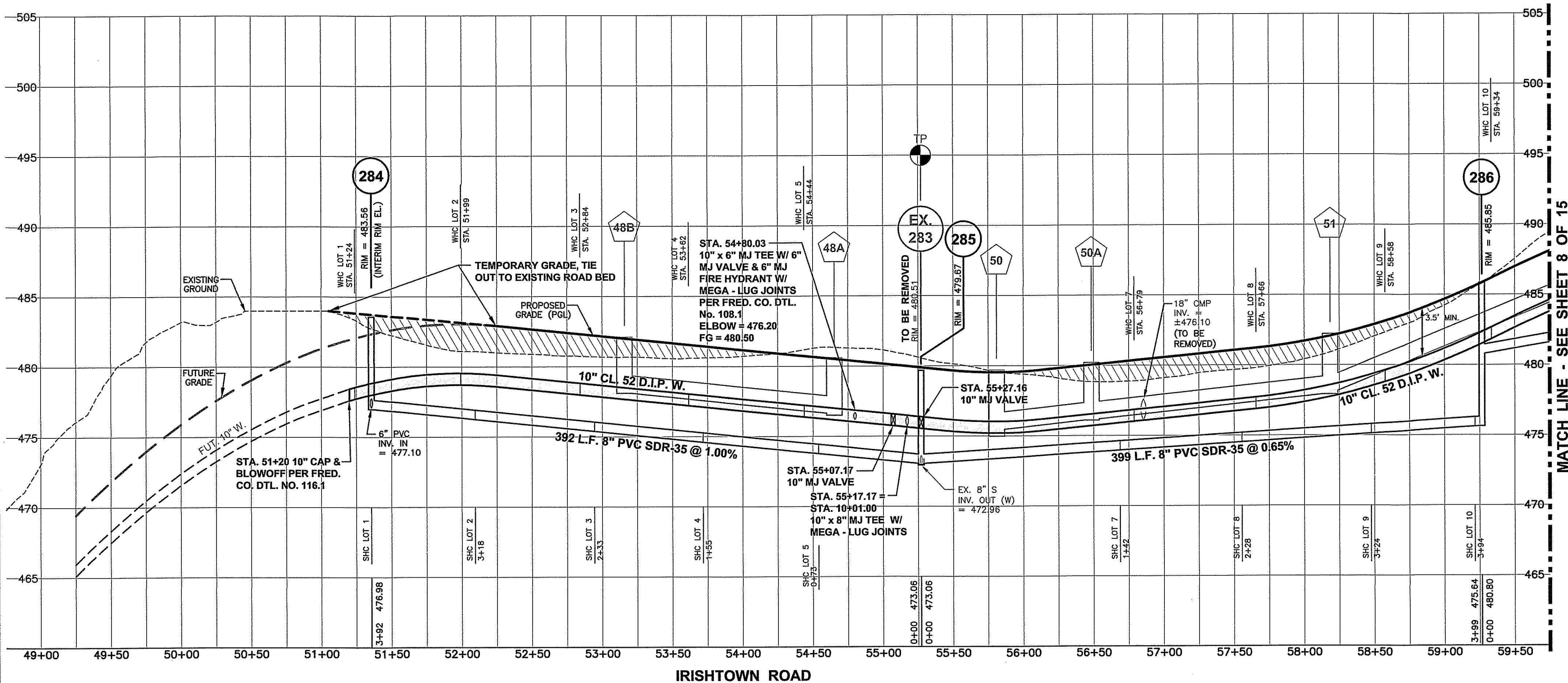


- LEGEND**
- EX. 8" W. EXISTING WATER LINE
 - EX. 8" S. EXISTING SEWER LINE
 - EX. 18" RCP EXISTING STORM DRAIN
 - PROP. 10" W. PROPOSED WATER LINE
 - PROP. 8" S. PROPOSED SEWER LINE

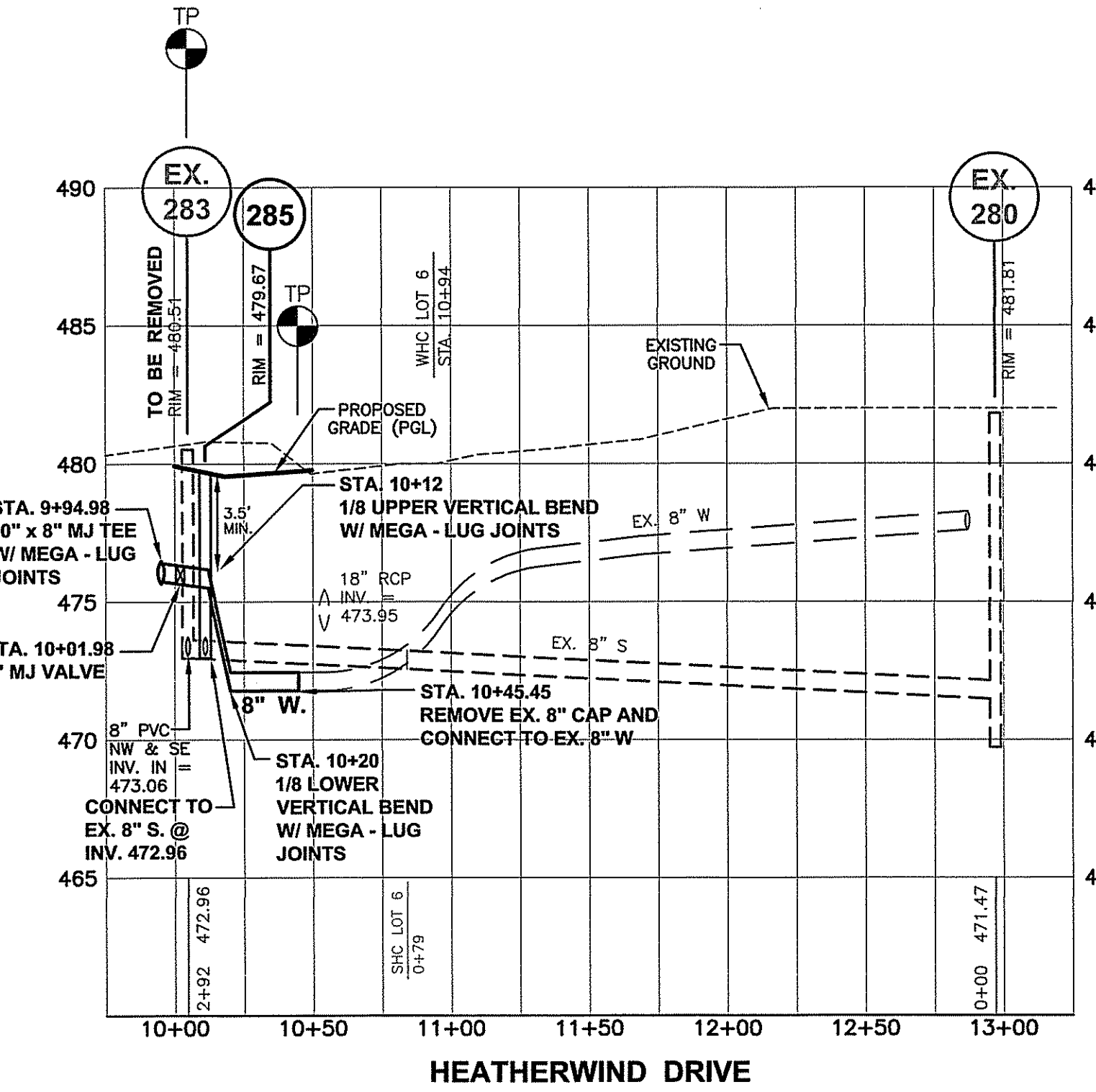
SCALES
PLAN: 1" = 50'
PROFILE: HORIZ. - 1" = 50'
VERT. - 1" = 5'

NOTES:

- CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT ALL CROSSINGS AND PROPOSED CONNECTION POINTS TO DETERMINE EXACT HORIZONTAL & VERTICAL LOCATION.
- EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH. ALL TRENCHES SHALL BE BACK-FILLED AND STABILIZATION ON ALL DISTURBED AREAS SHALL OCCUR AT THE END OF EACH WEEK, EXCEPT FOR THE PORTION NECESSARY TO RESUME CONSTRUCTION. ANY DISTURBED AREAS OR STOCKPILES NOT STABILIZED AT THE END OF EACH DAY SHALL BE PROTECTED AND HAVE SEDIMENT CONTROLLED BY THE USE OF STRAW BALE DIKES, EARTH BERMS AND SILT FENCES AS DIRECTED BY THE SEDIMENT CONTROL INSPECTOR.

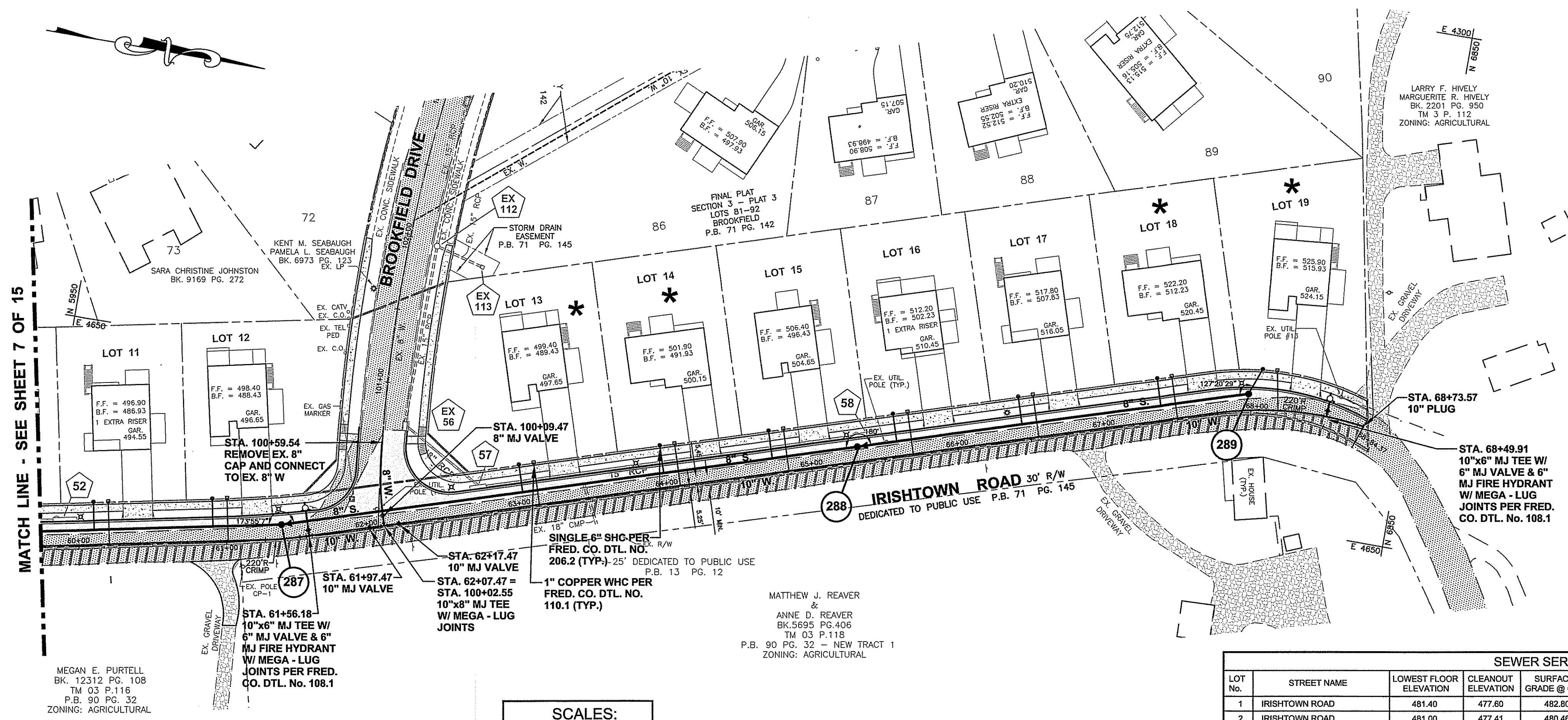


*** BASEMENT CANNOT BE SEWERED BY GRAVITY**



LEGEND
--- EX. 8" W. --- EXISTING WATER LINE
--- EX. 8" S. --- EXISTING SEWER LINE
--- EX. 18" RCP --- EXISTING STORM DRAIN
--- PROP. 10" W. --- PROPOSED WATER LINE
--- PROP. 8" S. --- PROPOSED SEWER LINE

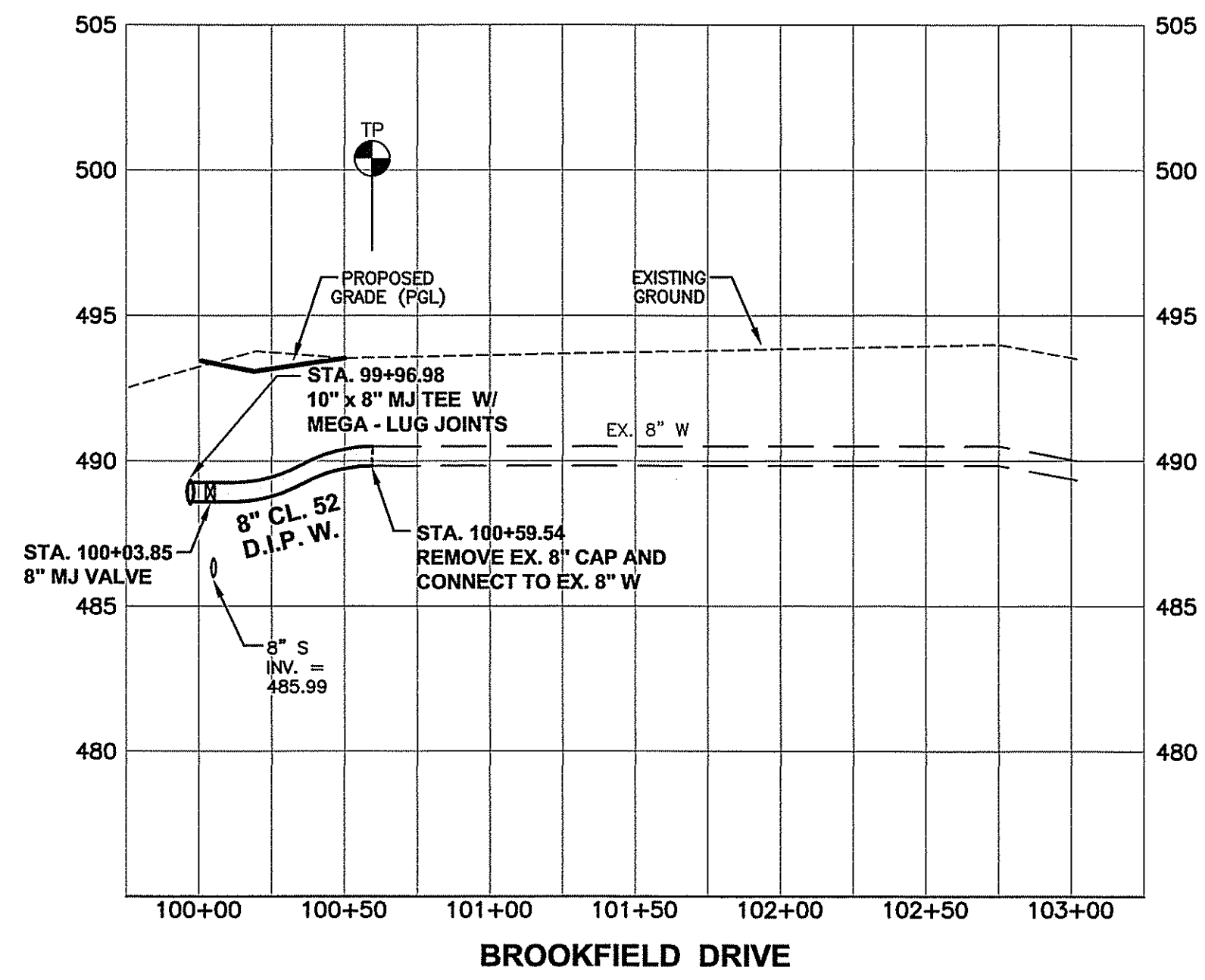
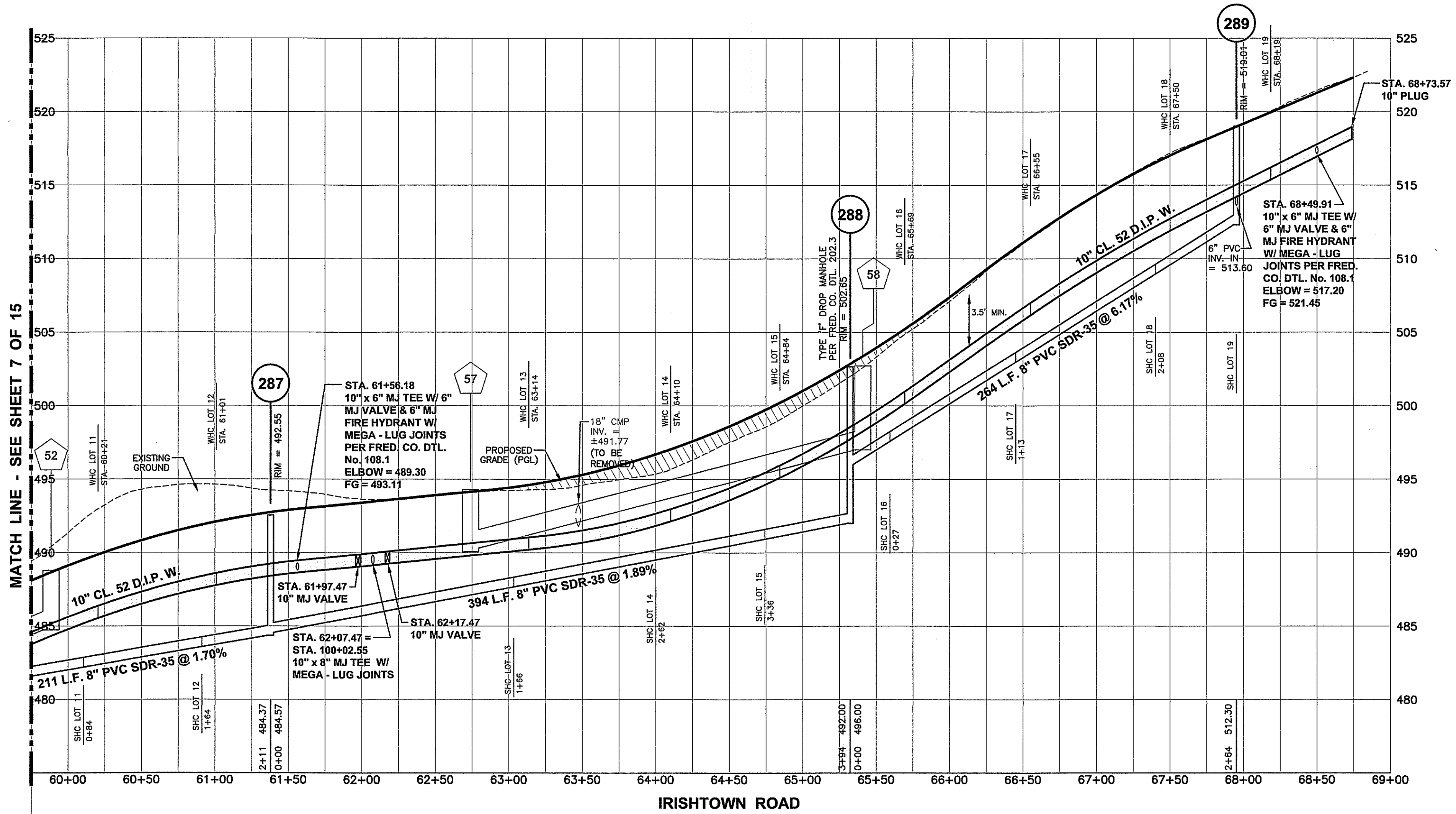
MATCH LINE - SEE SHEET 7 OF 15



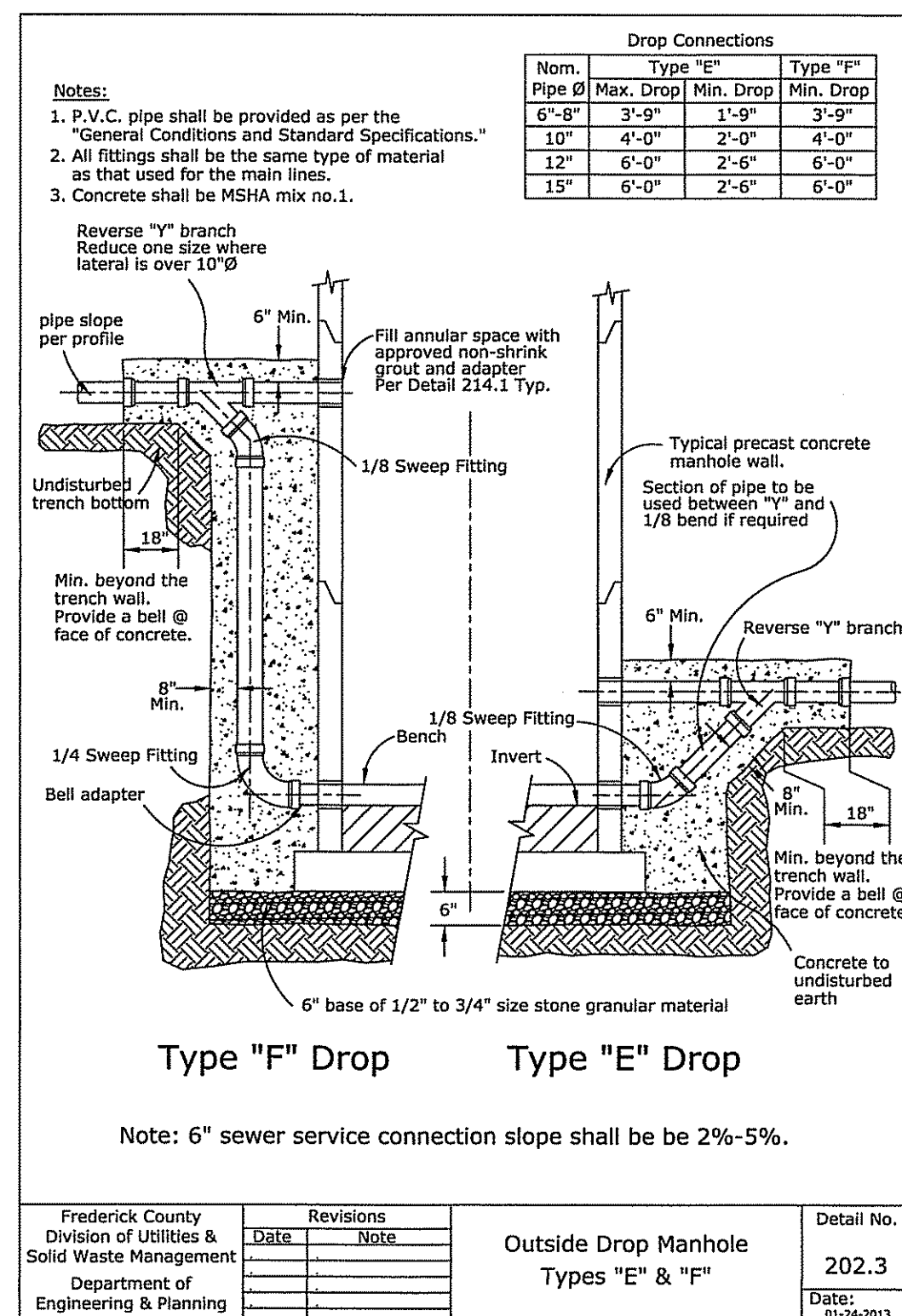
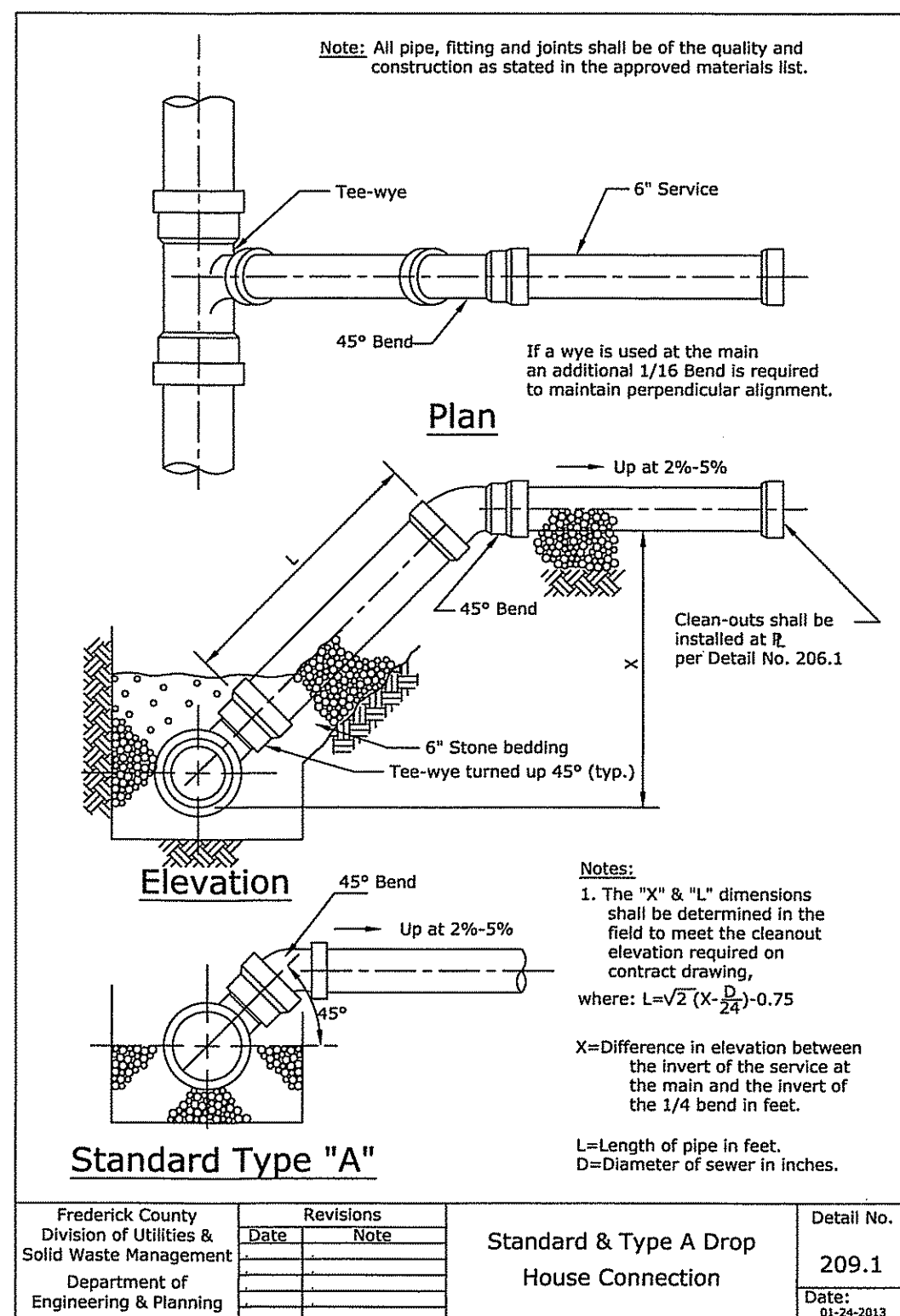
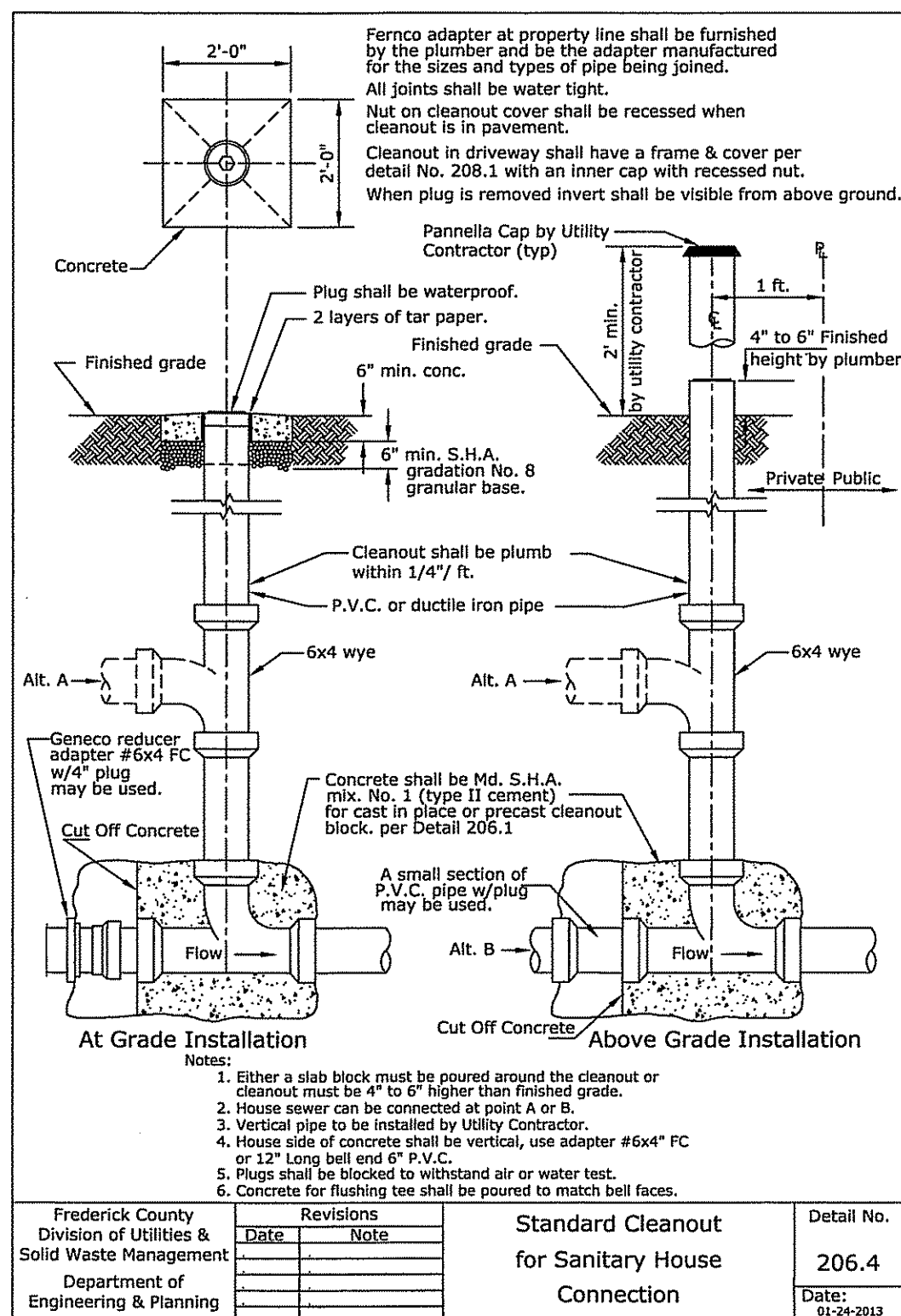
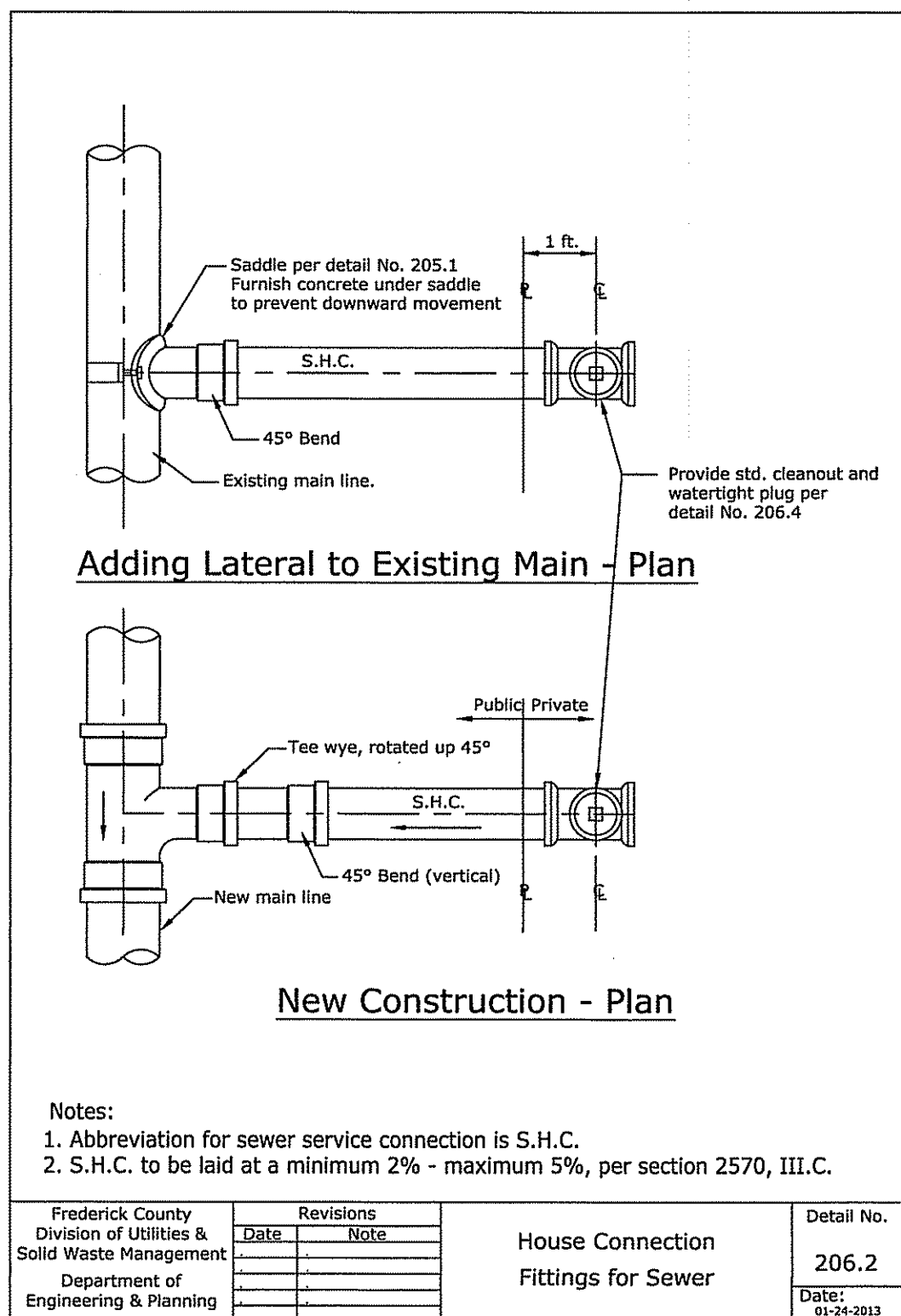
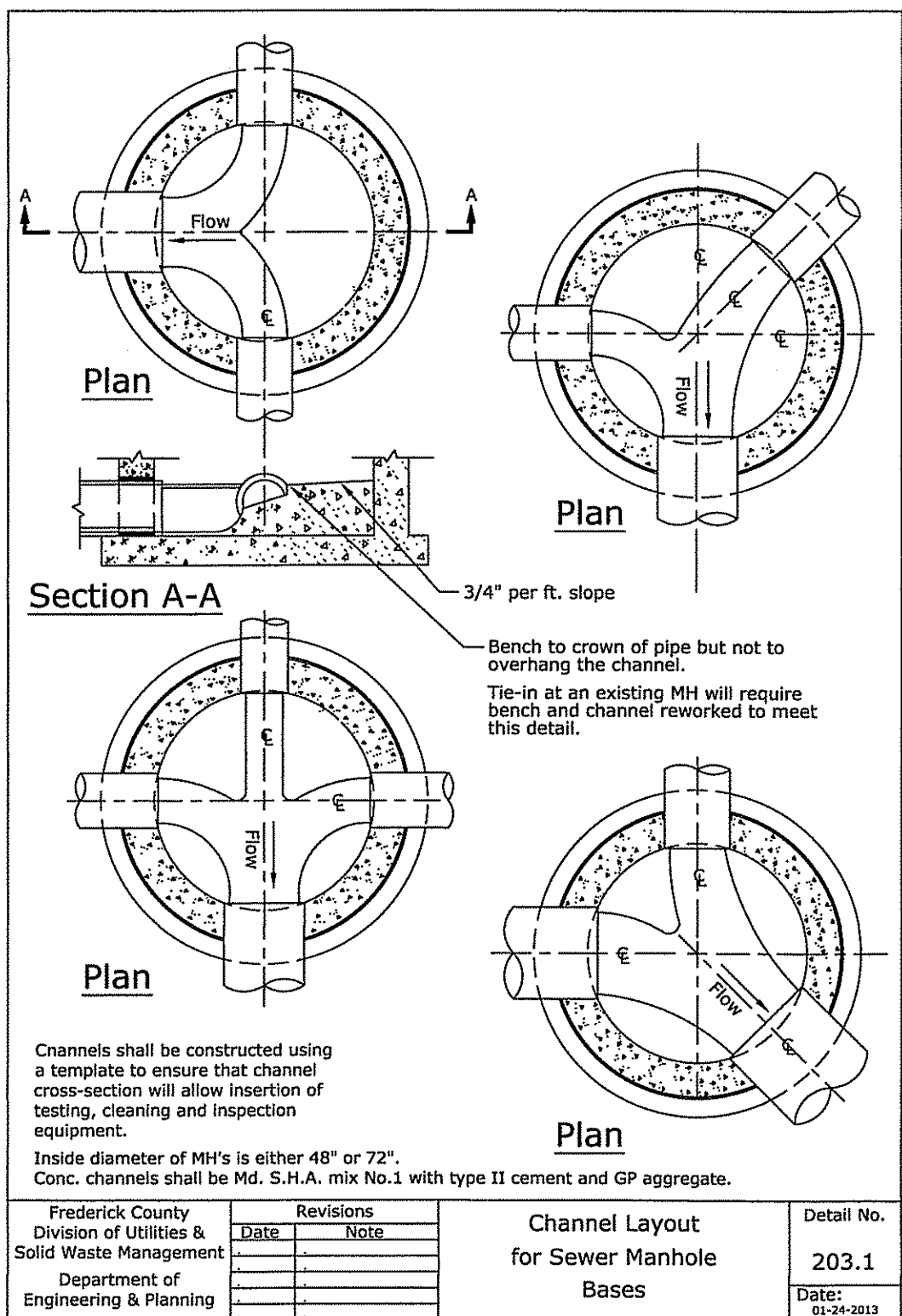
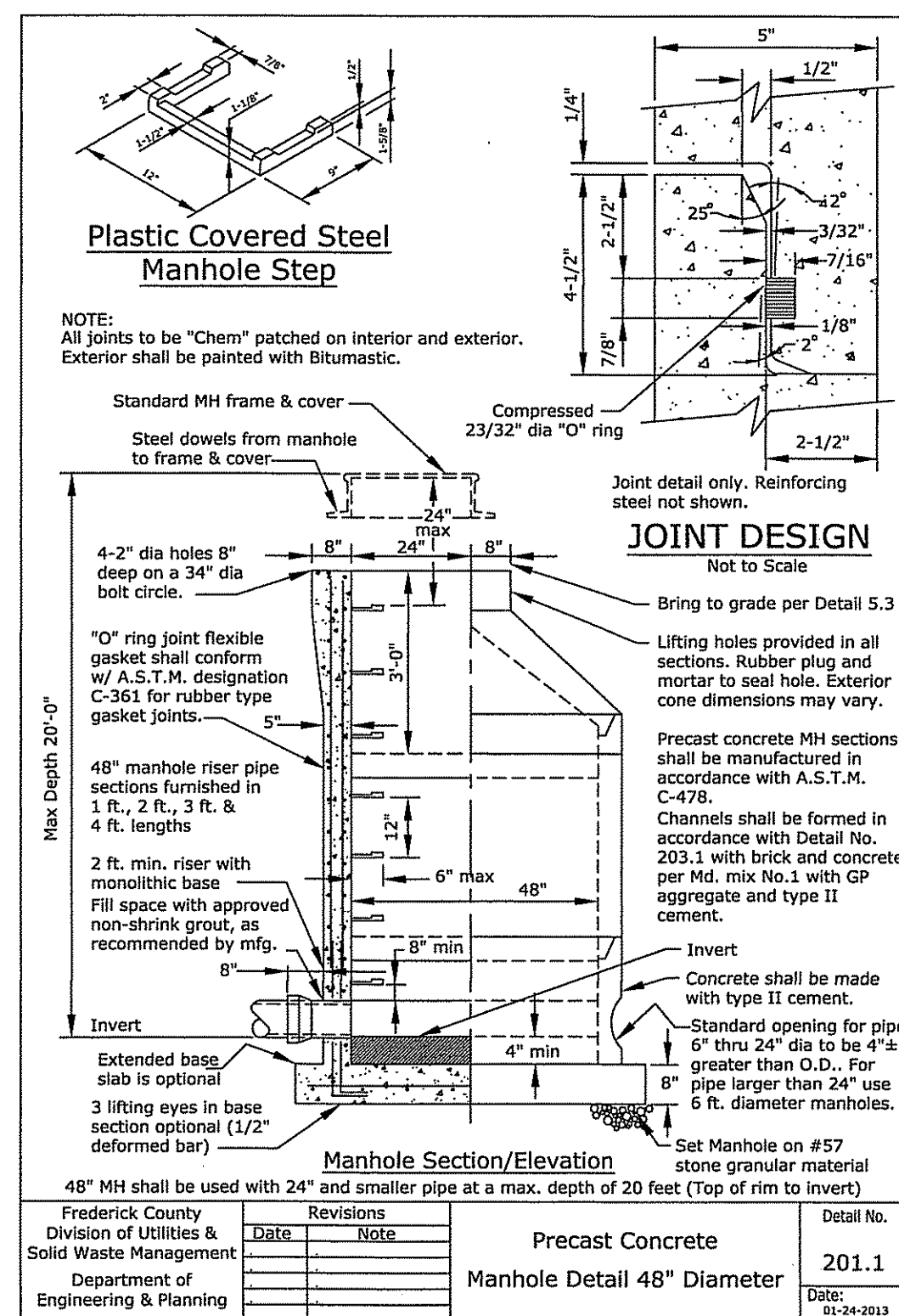
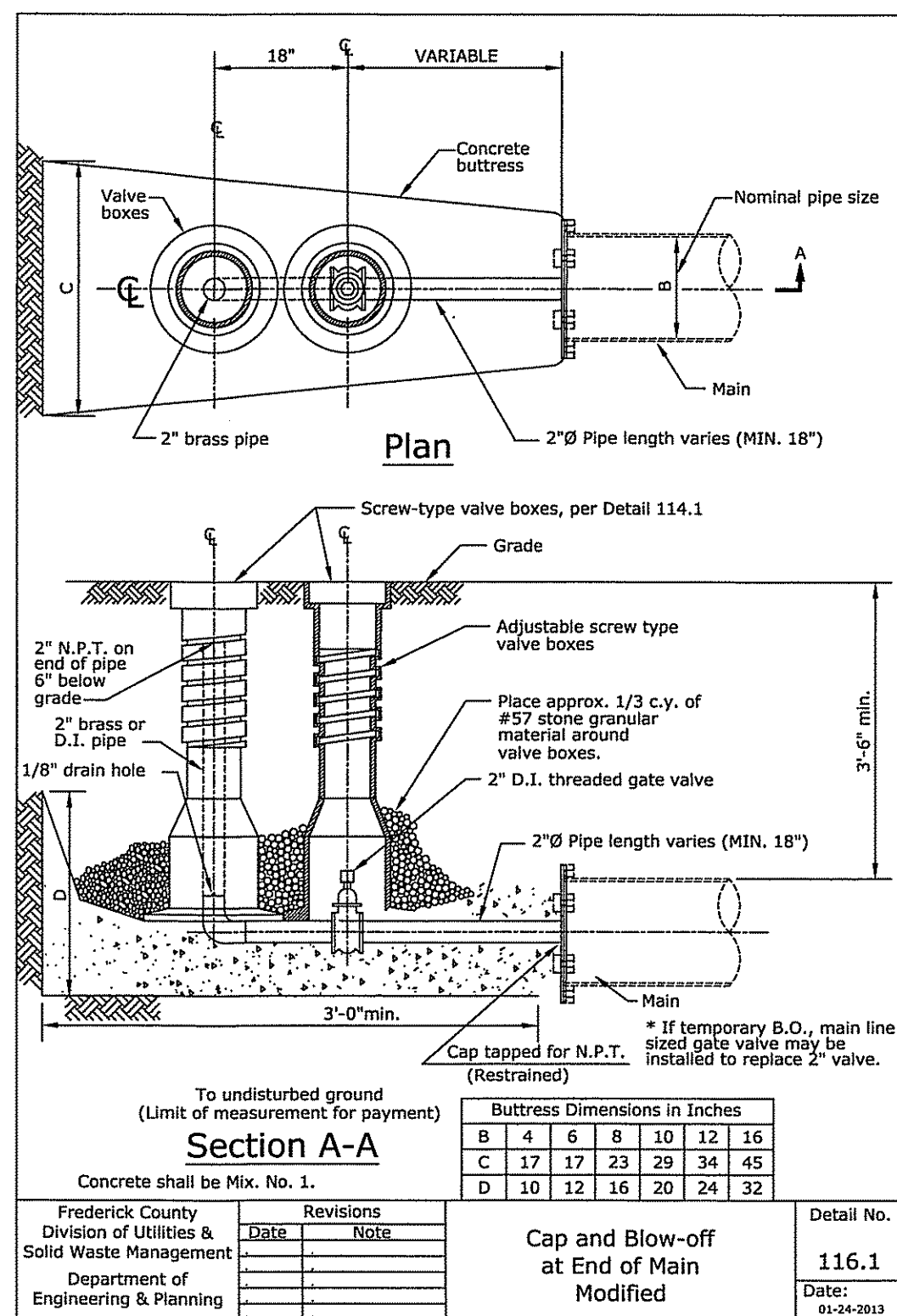
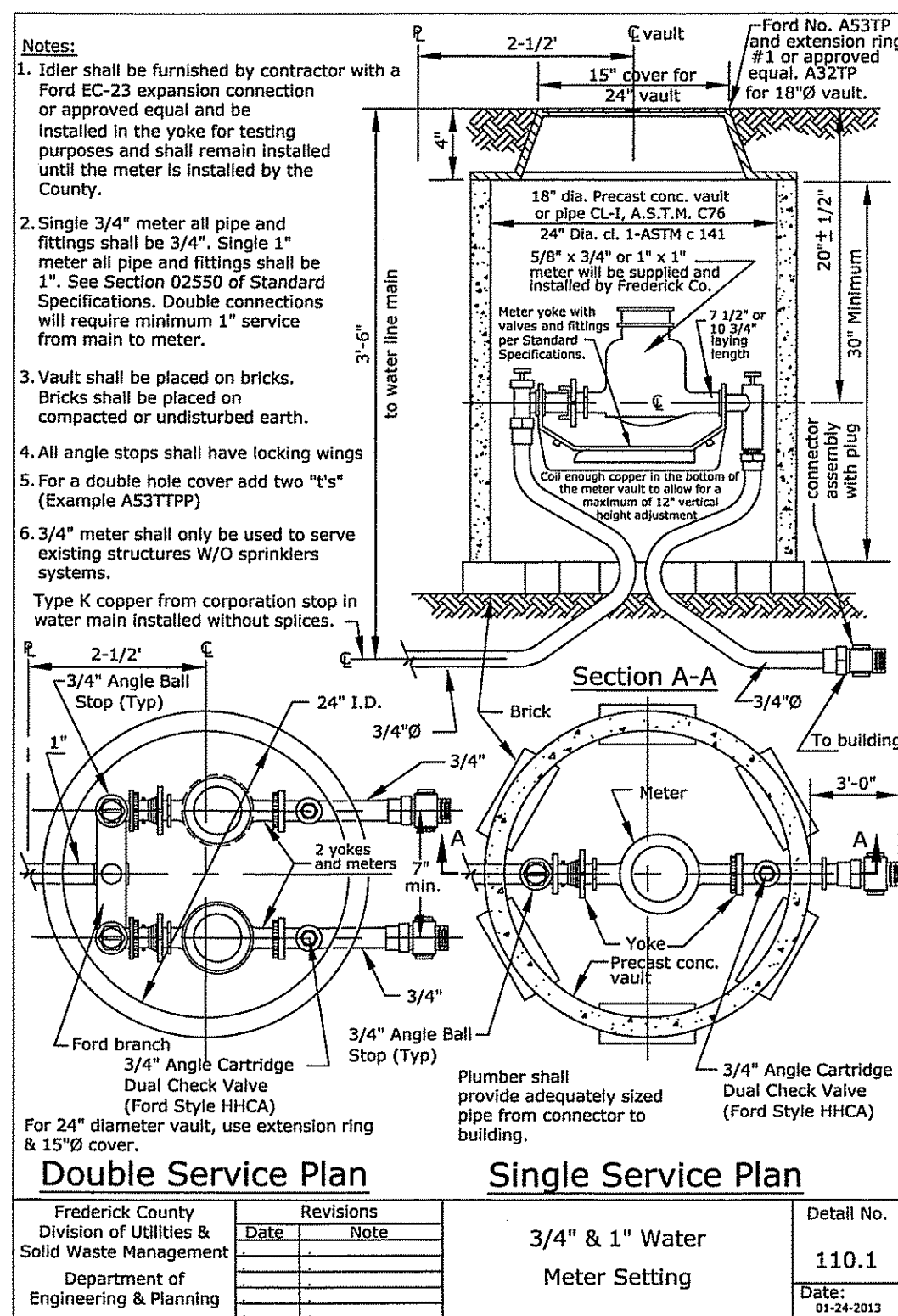
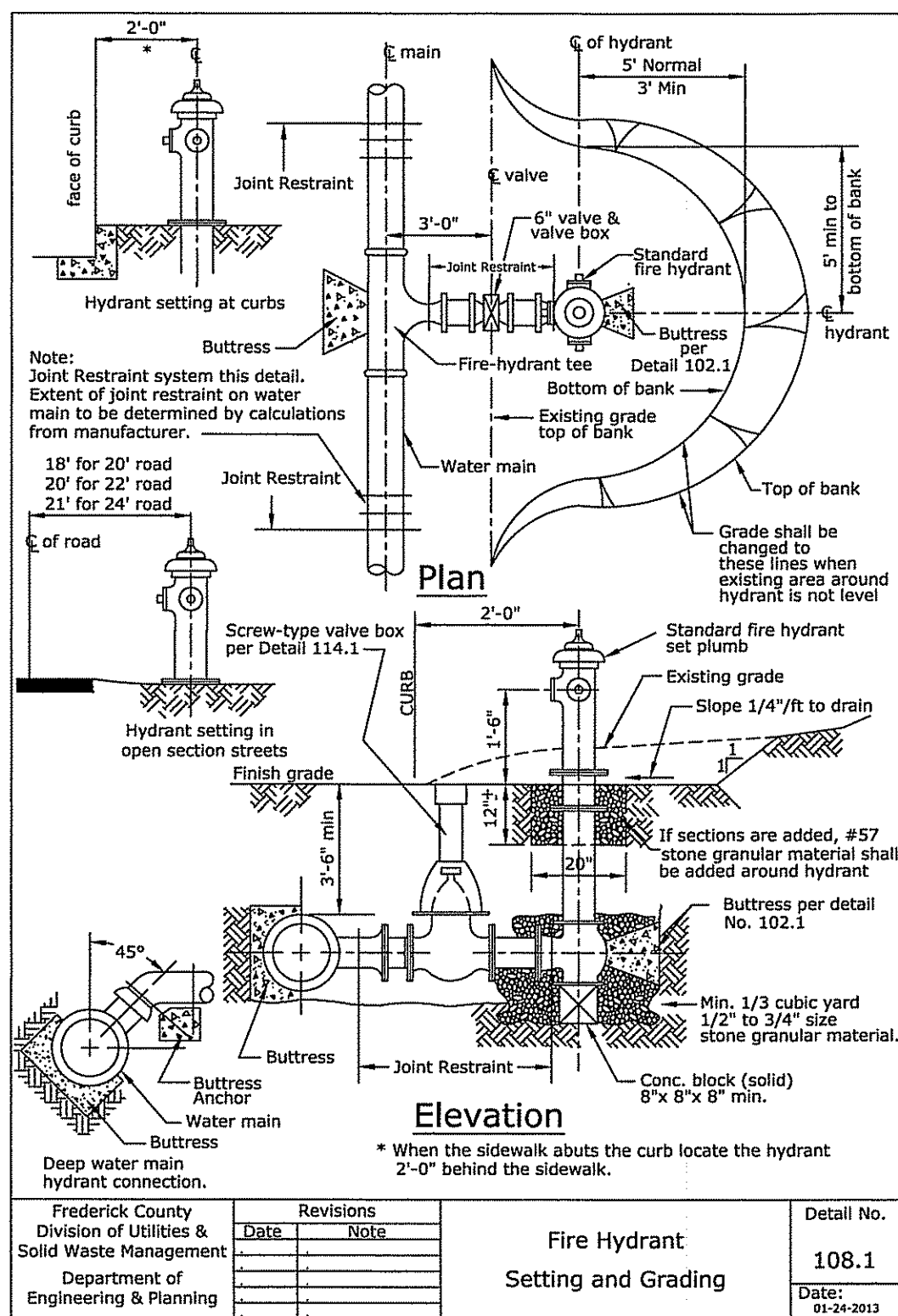
*** BASEMENT CANNOT BE SEWERED BY GRAVITY**

SCALES:
PLAN VIEW: 1" = 50'
PROFILE: HORIZ. 1" = 50'
VERT. 1" = 5'

SEWER SERVICE CONNECTIONS									
LOT No.	STREET NAME	LOWEST FLOOR ELEVATION	CLEANOUT ELEVATION	SURFACE GRADE @ C.O.	TYPE	SEWER STATION	LUIS MH	D/S MH	REMARKS
1	IRISHTOWN ROAD	481.40	477.80	482.80	A	MH 284			
2	IRISHTOWN ROAD	481.00	477.41	480.46	A	3+18			
3	IRISHTOWN ROAD	480.00	476.56	482.61	A	2+33			
4	IRISHTOWN ROAD	479.10	475.78	481.84	A	1+55			
5	IRISHTOWN ROAD	478.56	474.96	481.02	A	0+73			
7	IRISHTOWN ROAD	478.45	475.15	480.64	A	1+42			
8	IRISHTOWN ROAD	479.20	475.71	481.61	A	2+28			
9	IRISHTOWN ROAD	479.60	476.34	483.23	A	3+21			
10	IRISHTOWN ROAD	480.20	476.79	486.02	A	3+94			
11	IRISHTOWN ROAD	486.80	483.40	489.90	A	0+84			
12	IRISHTOWN ROAD	487.40	484.76	482.33	A	1+64			
13	IRISHTOWN ROAD	492.48	488.88	494.87	A	1+65			
14	IRISHTOWN ROAD	494.00	490.69	497.10	A	2+62			
15	IRISHTOWN ROAD	495.50	492.09	500.12	A	3+36			
16	IRISHTOWN ROAD	502.20	498.83	504.95	A	0+27			
17	IRISHTOWN ROAD	507.50	504.14	511.16	A	1+13			
18	IRISHTOWN ROAD	513.40	510.00	517.01	A	2+08			
19	IRISHTOWN ROAD	517.70	514.10	500.21	A	MH 289			



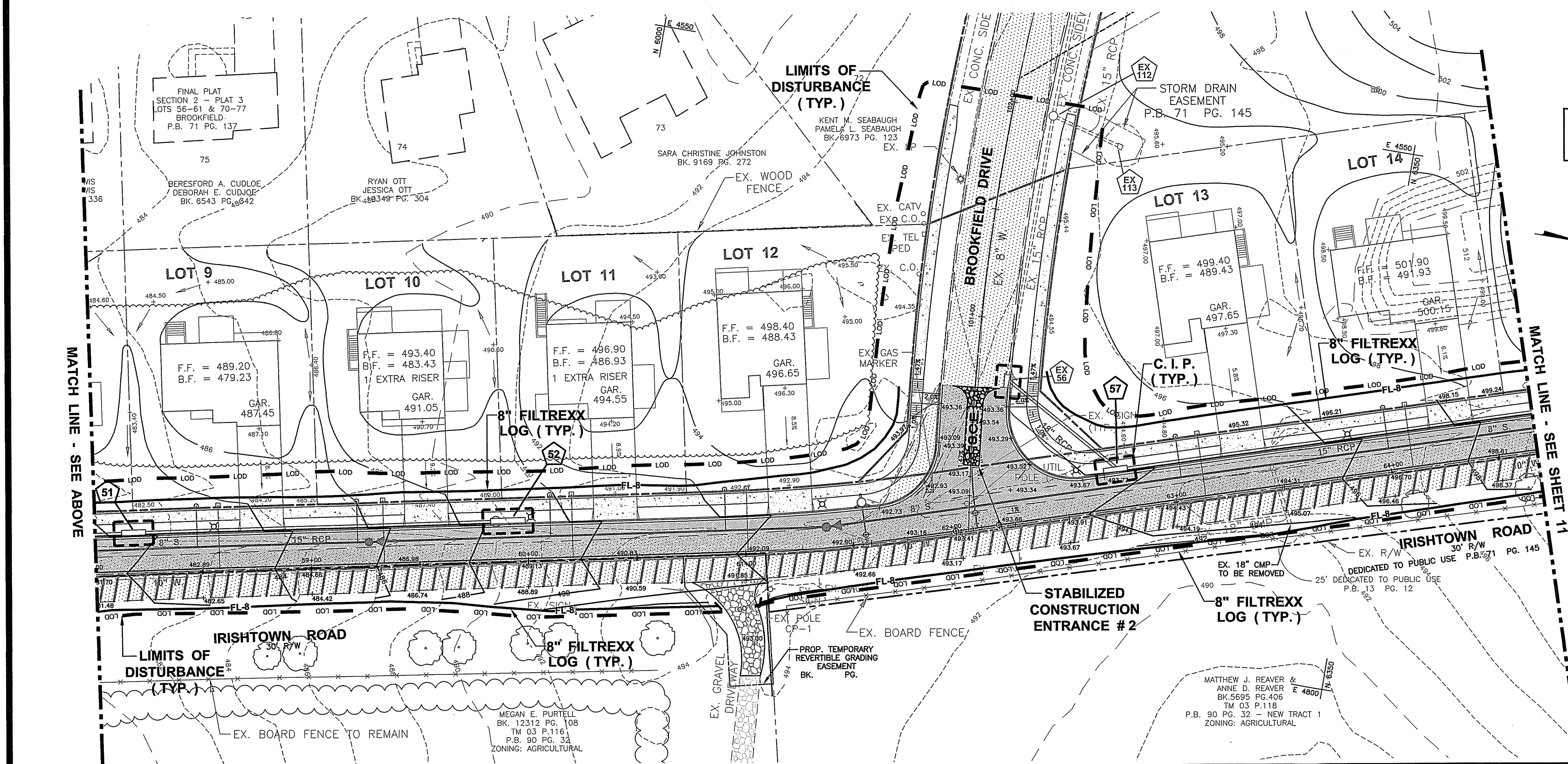
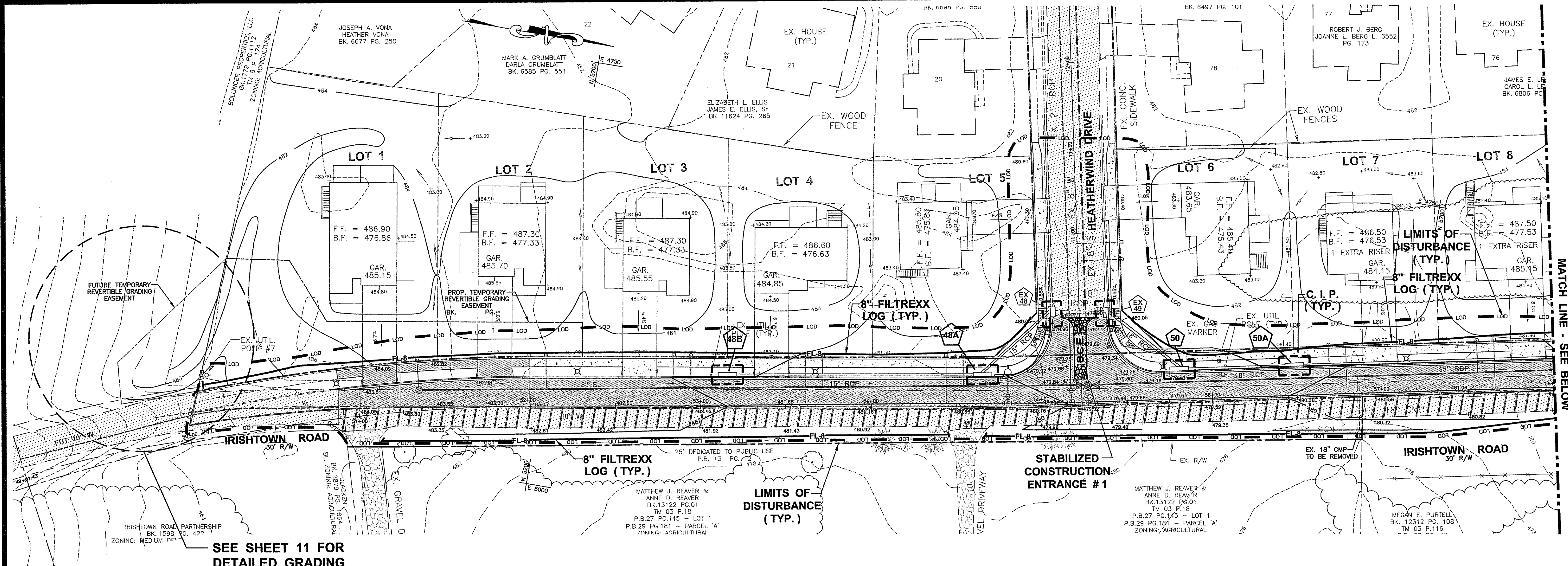
NOTE: PER TOWN OF EMMITSBURG CODE ALL FIRE HYDRANTS SHALL BE THE M+H MODEL 929 WITH A FIVE INCH STORTZ CONNECTION ON THE PUMPER NOZZLE / STEAMER CONNECTION





I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO. 30709 EXP. DATE: 7/23/22
PROJECT NO. 18-50891
DRAWING NO. D-3501
DATE: AUGUST 2020
DRAWN BY: JWE
CHECKED BY: JEM



SOILS
BpB - BRECKNOCK CHANNERY LOAM, 3 TO 8 PERCENT SLOPES
K6B - KLINEVILLE VERY CHANNERY LOAM, 3 TO 8 PERCENT SLOPES
LnB - LEGORE-MONTALTO GRAVELLY SILT LOAMS, 3 TO 8 PERCENT SLOPES, BOULDERY

NOTE:
FUTURE ON-LOT GRADING
FOR LOTS 1-19 BY OTHERS.

LEGEND

- 406 --- EXISTING 2' CONTOUR
- 400 --- EXISTING 10' CONTOUR
- 396 --- PROPOSED CONTOUR
- EX. 18" RCP --- EXISTING STORM DRAIN
- CcC --- SOIL LINE
- MvC --- PROPOSED STORM DRAIN
- 15" RCP --- PROPOSED STORM DRAIN
- LIMITS OF DISTURBANCE --- LIMITS OF DISTURBANCE
- SF --- SILT FENCE
- SSF --- SUPER SILT FENCE
- INLET PROTECTION --- INLET PROTECTION

**FREDERICK SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL**

By: _____
Date: _____
SCD APPROVAL FOR SEDIMENT AND EROSION CONTROL IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS.
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

OWNERS / DEVELOPERS CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

OWNER / DEVELOPER _____ DATE _____

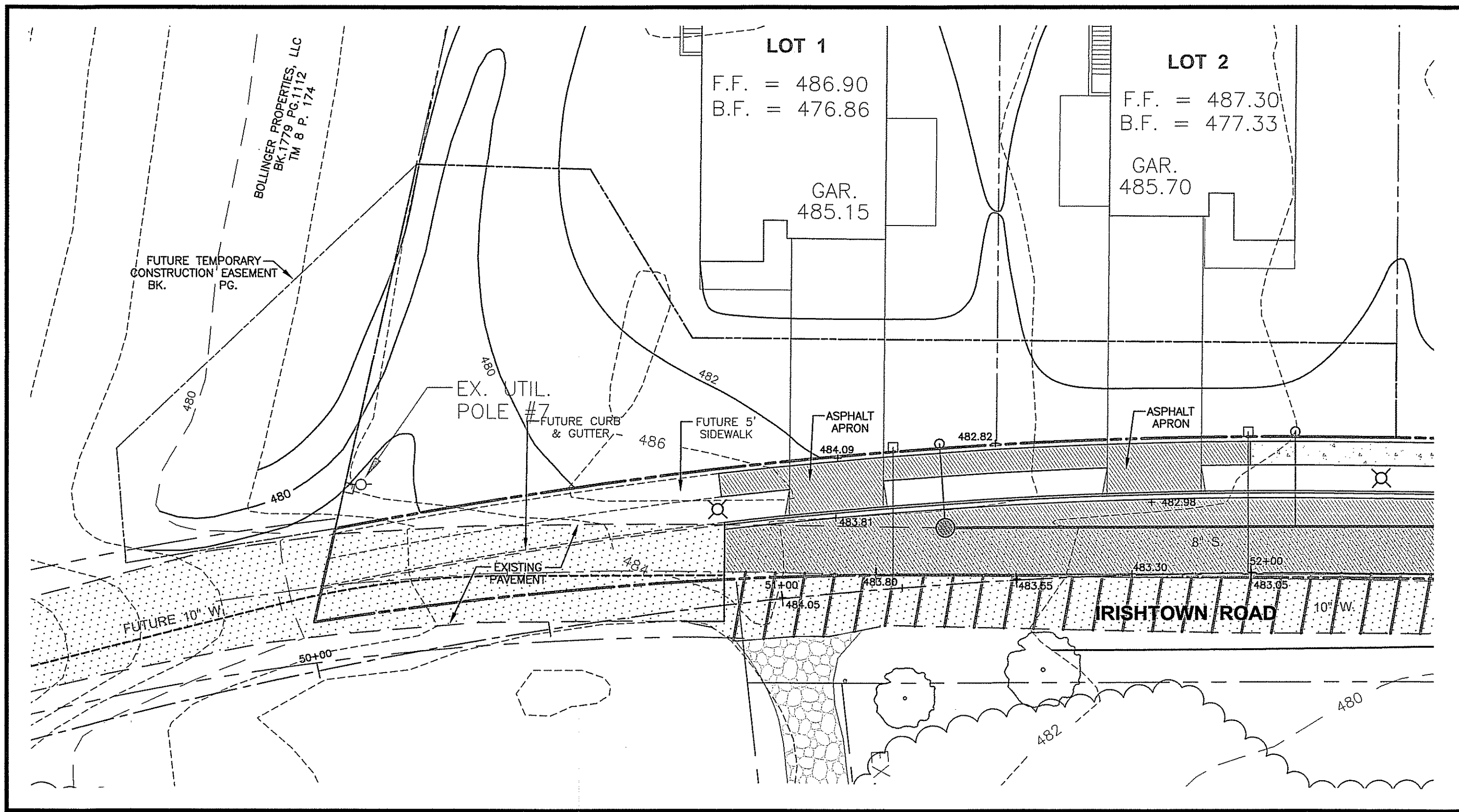
ENGINEER DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01, 26.17.02 AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

Joseph H. Ceci 8/22/22
JOSEPH H. CECI REG. NO. 30709 DATE

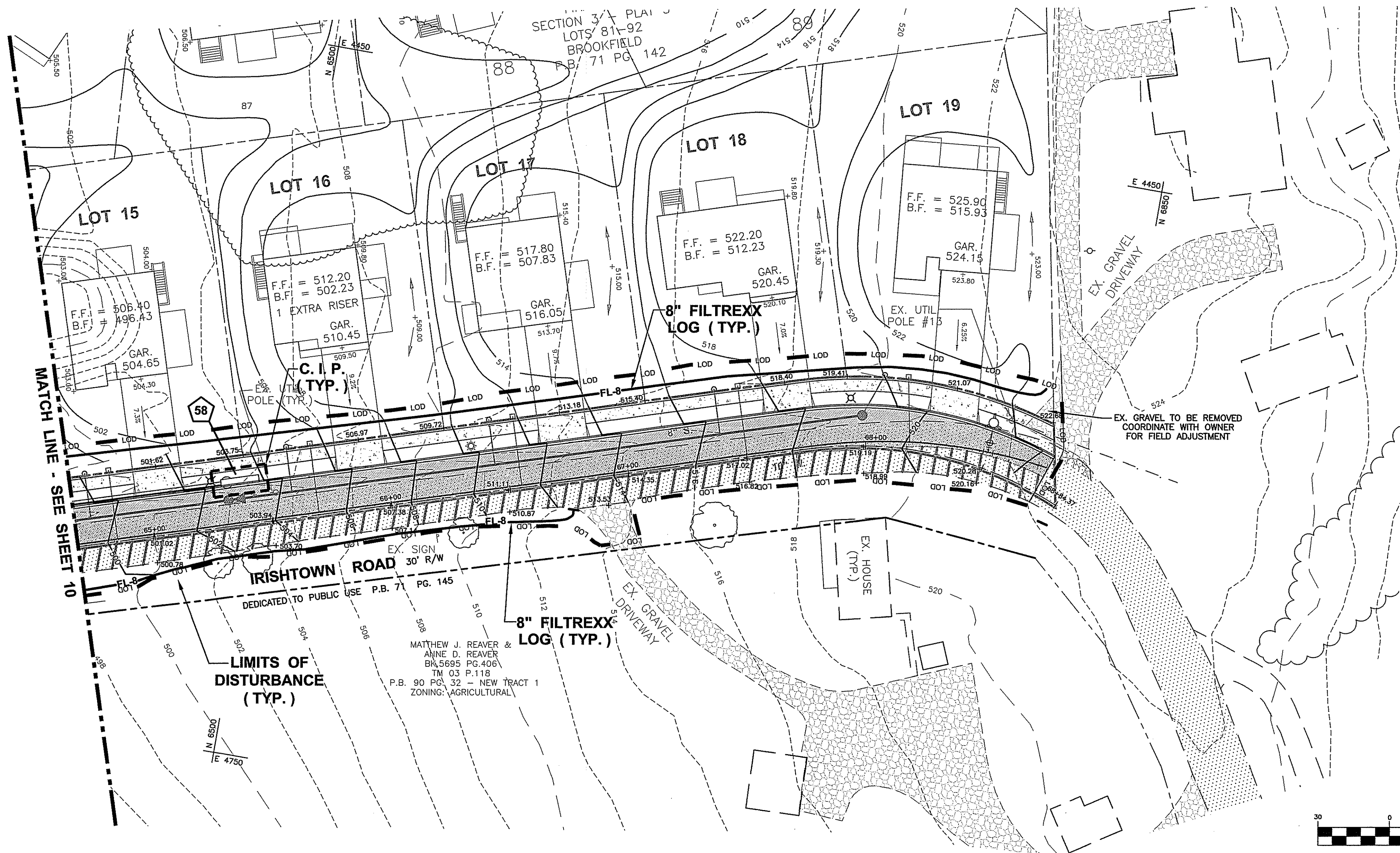
LEGEND

- 406 --- EXISTING 2' CONTOUR
- 400 --- EXISTING 10' CONTOUR
- 396 --- PROPOSED CONTOUR
- EX. 18" RCP --- EXISTING STORM DRAIN
- CoC --- SOIL LINE
- MvC --- PROPOSED STORM DRAIN
- 15" RCP --- PROPOSED STORM DRAIN
- LOD --- LIMITS OF DISTURBANCE
- SF --- SILT FENCE
- SSF --- SUPER SILT FENCE
- I.P. --- INLET PROTECTION



FUTURE GRADING DETAIL FOR LOT 1 TIE - OUT

SCALE : 1" = 20'



NOTE :
FUTURE ON - LOT GRADING
FOR LOTS 1 - 19 BY OTHERS.

OWNERS / DEVELOPERS CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

OWNER / DEVELOPER _____ DATE _____

FREDERICK SOIL CONSERVATION DISTRICT SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL

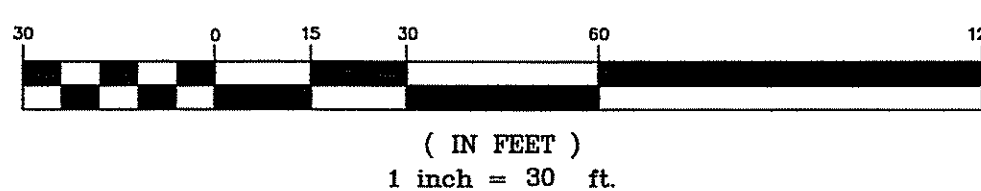
By: _____
Date: _____
SCD APPROVAL FOR SEDIMENT AND EROSION CONTROL IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS.
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

ENGINEER DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01, 26.17.02 AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

JOSEPH H. CECI REG. NO. 30709 DATE 3/22/21

GRAPHIC SCALE



FOX & ASSOCIATES, INC.

ENGINEERS • SURVEYORS • PLANNERS

82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)733-8603
or (301)416-7250
FAX: (301)733-1853
WWW.FOXASSOCIATESINC.COM EMAIL: FOX@FOXASSOCIATESINC.COM

DRAWN BY

REVISION

REVISED PER TOWN OF EMMITTSBURG COMMENTS

DATE

11/2020

DATE

DATE

DATE

DATE

DATE

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DATE

DATE

GRADING, STORM DRAIN AND SEDIMENT CONTROL PLAN

IRISHTOWN ROAD

SITUATED ON THE WEST SIDE OF IRISHTOWN ROAD
TOWN OF EMMITTSBURG, ELECTION DISTRICT No. 5
FREDERICK COUNTY, MARYLAND

SCALE: AS SHOWN

PROFESSIONAL CERTIFICATION

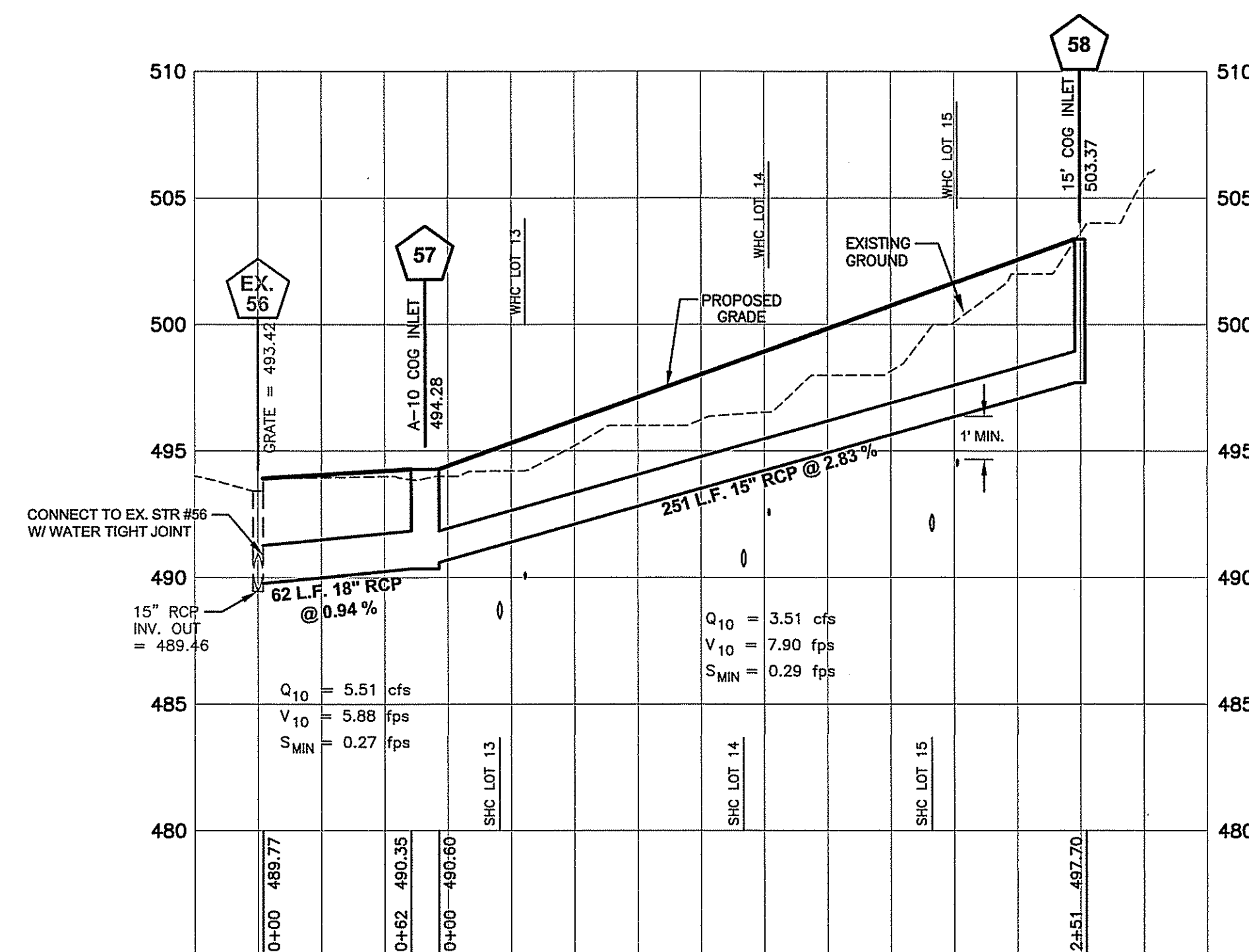
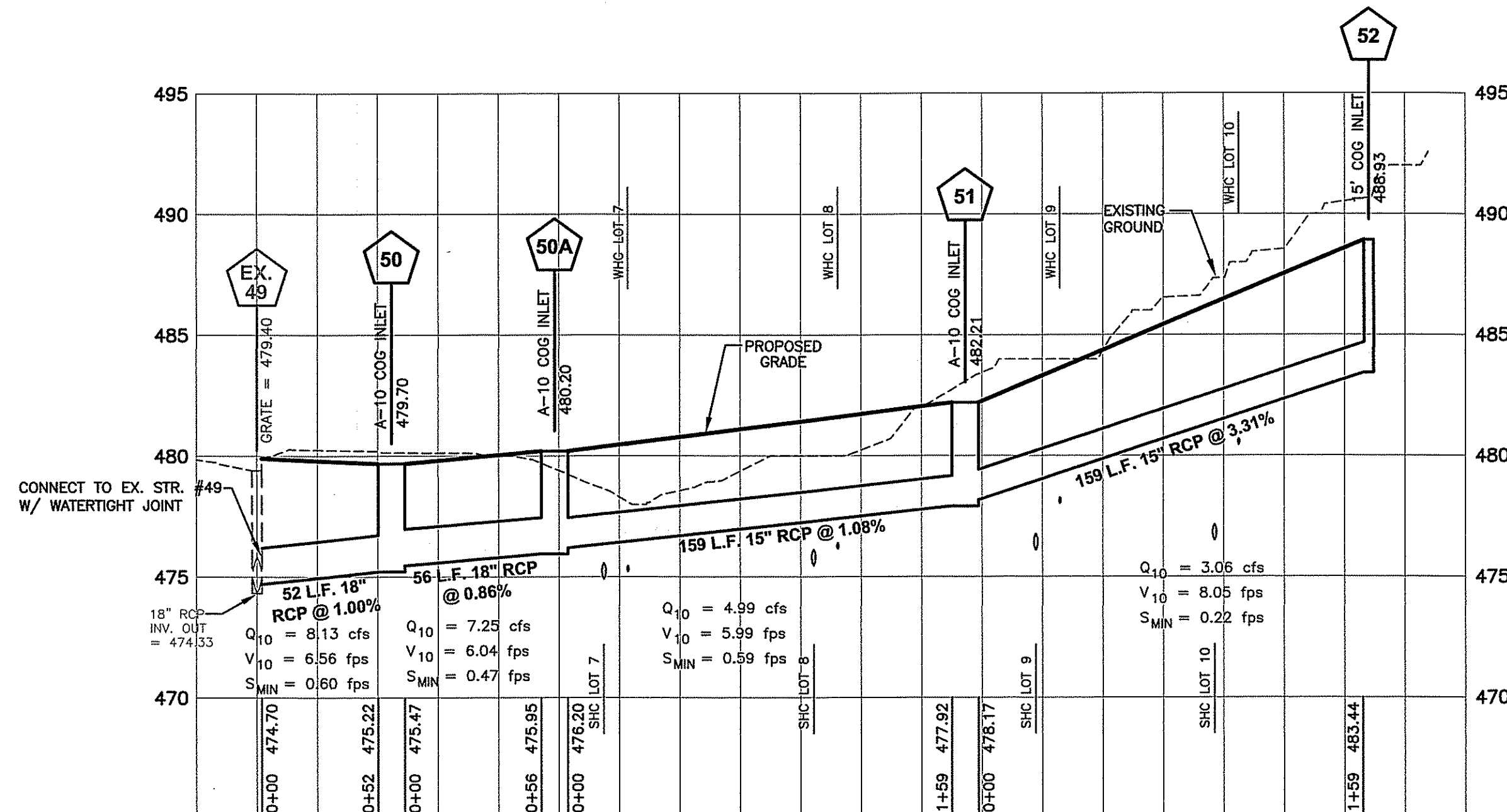
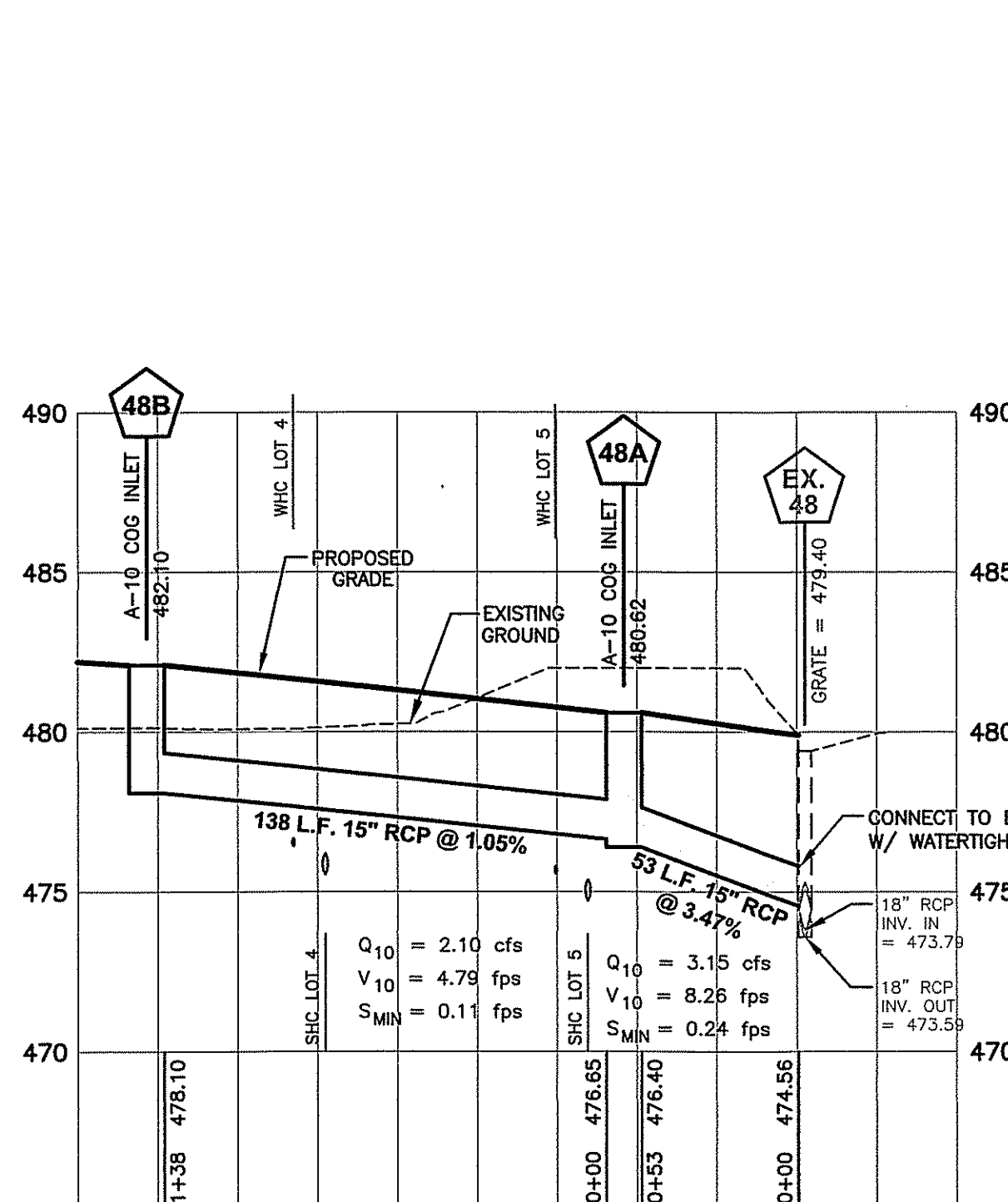


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LICENSE NO. 30709 EXP. DATE 7/29/22

PROJECT NO. 18-50891
DRAWING NO. D-3501
DATE: AUGUST 2020
DRAWN BY: JWE
CHECKED BY: JEM

SHEET 11 OF 15



PROFILE SCALES

HORIZ. - 1" = 50'
VERT. - 1" = 5'

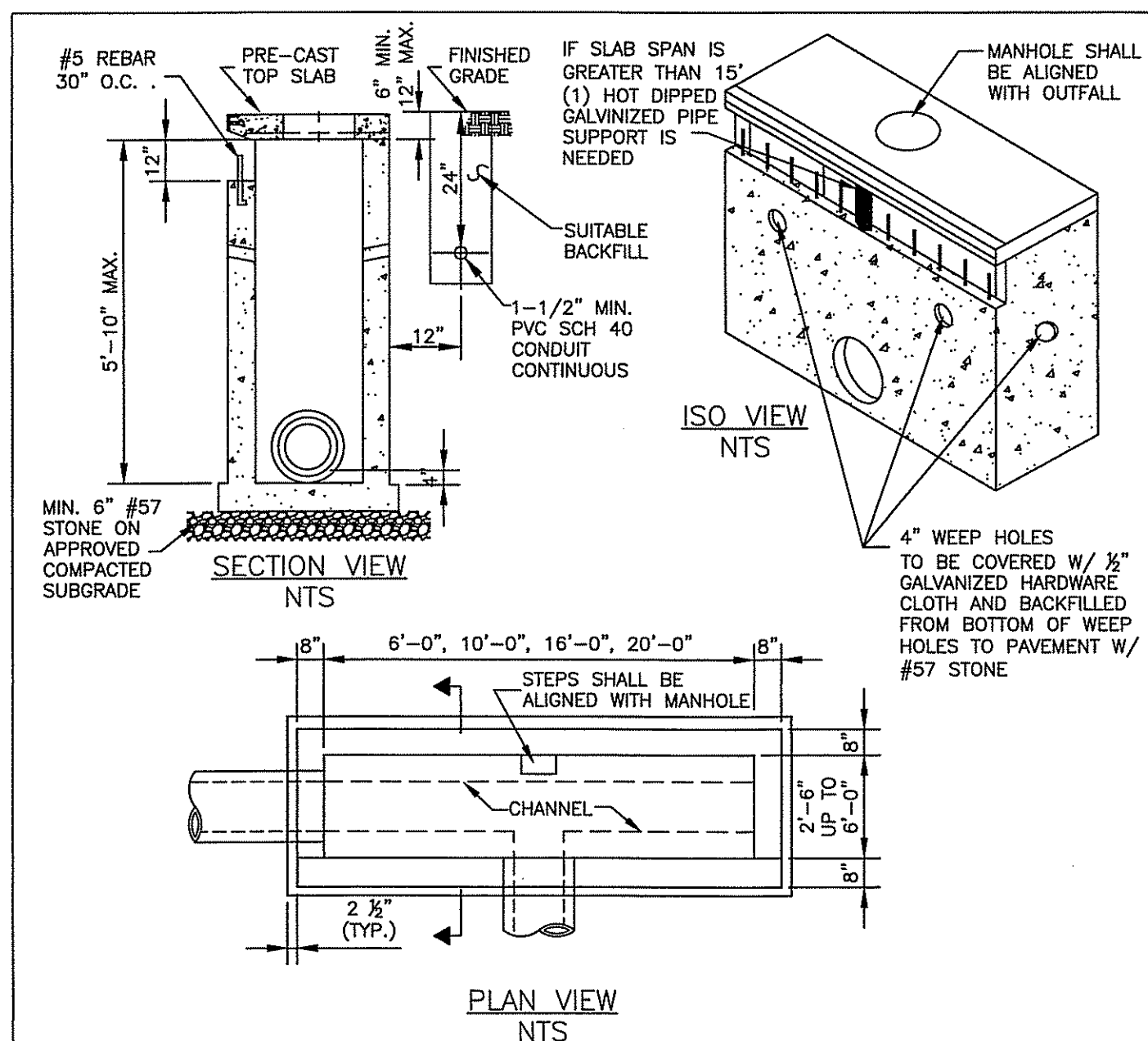
STRUCTURE SCHEDULE

No.	TYPE	C STATION	C OFFSET	ELEVATION	REMARKS
48A	10' TYPE 'A' COG INLET	U 54+59.77	17'L	480.72 (TOP)	SEE DETAIL THIS SHEET
48B	10' TYPE 'A' COG INLET	L 54+70.84	17'L	480.61 (TOP)	SEE DETAIL THIS SHEET
50	10' TYPE 'A' COG INLET	U 53+10.08	17'L	482.22 (TOP)	SEE DETAIL THIS SHEET
50A	10' TYPE 'A' COG INLET	L 53+21.08	17'L	482.11 (TOP)	SEE DETAIL THIS SHEET
51	10' TYPE 'A' COG INLET	U 55+86.54	17'L	479.70 (TOP)	SEE DETAIL THIS SHEET
52	15' COG INLET	L 55+75.54	17'L	479.70 (TOP)	SEE DETAIL THIS SHEET
57	10' TYPE 'A' COG INLET	U 56+54.03	17'L	480.26 (TOP)	SEE DETAIL THIS SHEET
58	15' COG INLET	L 56+43.03	17'L	480.15 (TOP)	SEE DETAIL THIS SHEET
		U 58+24.03	17'L	482.36 (TOP)	SEE DETAIL THIS SHEET
		L 58+13.03	17'L	482.12 (TOP)	SEE DETAIL THIS SHEET
		U 59+99.03	17'L	489.25 (TOP)	MSHA STD. MD - 374.62
		L 59+83.03	17'L	488.61 (TOP)	MSHA STD. MD - 374.62
		U 62+79.55	17'L	494.37 (TOP)	SEE DETAIL THIS SHEET
		L 62+68.55	17'L	494.26 (TOP)	SEE DETAIL THIS SHEET
		U 65+46.37	17'L	503.86 (TOP)	SEE DETAIL THIS SHEET
		L 65+30.37	17'L	502.88 (TOP)	SEE DETAIL THIS SHEET

* ELEV. GIVEN TO TOP OF CURB ** C/L STA. GIVEN TO C/L OF STRUCTURE *** C/L OFFSET GIVEN TO FACE OF CURB AT STRUCTURE

PIPE SCHEDULE

SIZE	TYPE	CLASS	LENGTH
15"	RCP	IV	760
18"	RCP	IV	170

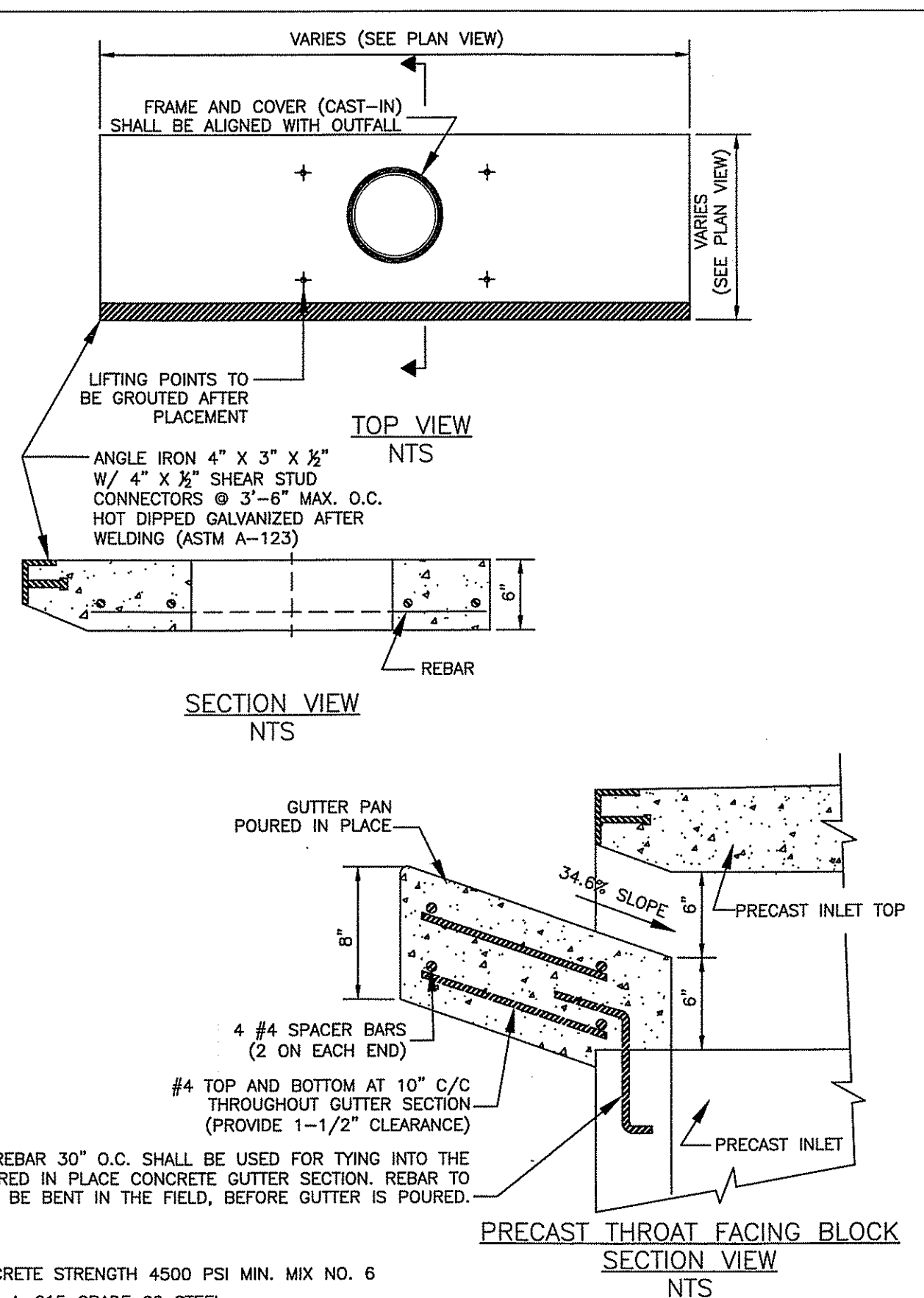


NOTES:

- INLET FOR USE WHEN LESS THAN 6' FROM TOP SLAB TO LOW PIPE INVERT.
- CONCRETE STRENGTH 4500 PSI- MIX NO. 6.
- TOP SLAB TO BE ADJUSTED TO GRADE IN FIELD AND PRIOR TO CURB PLACEMENT.
- STEPS TO BE ALIGNED VERTICALLY @ 15" O.C.
- PIPE OPENINGS TO BE LOCATED AS REQUIRED.
- JOINT PROVIDED WHEN RISERS ARE REQ. ALL JOINTS TO BE GROUTED W/ NON-SHRINK GROUT INSIDE AND OUT.
- INVERT CHANNEL TO BE INSTALLED IN FIELD.
- PIPE SUPPORTS AND GUTTER TO BE SUPPLIED AND INSTALLED.

TYPE 'A' COG INLET

NOT TO SCALE



NOTES:

- CONCRETE STRENGTH 4500 PSI MIN. MIX NO. 6
- ASTM A-615 GRADE 60 STEEL.

TYPE 'A' COG INLET

NOT TO SCALE



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LICENSE NO.: 18-50891
EXP. DATE: 7/23/22
PROJECT NO.:
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DRAWN BY: JWE
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DETAIL H-6 ONSITE CONCRETE WASHOUT STRUCTURE		STANDARD SYMBOL CWS
NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH		
WASHOUT STRUCTURE WITH STRAW BALES		
CONSTRUCTION SPECIFICATIONS - LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC. - SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP. - PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL. - PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY. - KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. NET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.		
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION		

DETAIL H-6 ONSITE CONCRETE WASHOUT STRUCTURE		STANDARD SYMBOL CWS
NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH		
WASHOUT STRUCTURE WITH WOOD PLANKS		
CONSTRUCTION SPECIFICATIONS - LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC. - SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP. - PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL. - PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY. - KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. NET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.		
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION		

SEQUENCE OF CONSTRUCTION

- OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. CONTRACTOR SHALL CONTACT MISS UTILITY AT 800-257-7777, FREDERICK COUNTY ENVIRONMENTAL COMPLIANCE SECTION AT 301-800-3507 TO SET UP A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE LIMITS OF DISTURBANCE SHALL BE STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. STOCKPILE AND STAGING AREA TO BE DISCUSSED IN THE FIELD. ADDITIONAL SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS A RESULT OF THE PRE-CONSTRUCTION MEETING. A COPY OF THE NOTICE OF INTENT WILL NEED TO BE RECEIVED FROM MDE PRIOR TO THE START OF CONSTRUCTION.
- INSTALL/MAINTAIN STABILIZED CONSTRUCTION ENTRANCES AND PERIMETER CONTROLS AT LOCATIONS SHOWN ON PLANS. SEDIMENT AND EROSION CONTROL MEASURES MUST BE INSTALLED PRIOR TO EXCAVATION. STOCKPILE LOCATIONS WILL BE DETERMINED IN THE FIELD AS NEEDED AND WILL BE LOCATED WITH A PERMITTED AREA. CONTACT FREDERICK COUNTY DEPARTMENT OF ENVIRONMENTAL COMPLIANCE ONCE PERIMETER CONTROLS ARE IN PLACE.
- STABILIZATION SHALL BE COMPLETED IN ACCORDANCE WITH THE SEDIMENT CONTROL NOTES FOUND ON THESE PLANS. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES AS NECESSARY AT THE INSPECTOR'S DISCRETION.
- PER DETOUR PLAN, INSTALL INTERSECTION AT BROOKFIELD DRIVE AND IRISHTOWN ROAD TO ALL TRAFFIC TO DETOUR AROUND THE PROJECT AREA.
- ONCE ROADWAYS ARE BROUGHT TO SUBGRADE BEGIN UTILITY INSTALLATION. EXCAVATE ONLY THAT AMOUNT OF TRENCH WHICH CAN BE EXCAVATED AND BACKFILLED EACH WORKING DAY. INSTALL STORM DRAIN WITH OUTLET PROTECTION. INSTALL INLET PROTECTION AS STRUCTURES ARE BROUGHT TO GRADE, CONSTRUCT DRAINAGE DITCHES FROM DOWNSTREAM TO UPSTREAM. STABILIZE ALL DITCHES AS THEY ARE CONSTRUCTED AND MAINTAIN POSITIVE DRAINAGE AT ALL TIME.
- INSTALL CURB AND BEGIN PAVING OPERATIONS. INSTALL DRY UTILITIES. FINAL GRADE AND STABILIZE.
- UPON APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE AREAS DISTURBED BY THEIR REMOVAL.

SEDIMENT & EROSION CONTROL NOTES

- ALL SOIL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" AND THE PROVISIONS OF THE APPROVED PLAN.
- ALL GRADING AND STABILIZATION SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", SECTION B - GRADING AND STABILIZATION" AND THE PROVISIONS OF THE APPROVED PLAN.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) ARE TO BE CONSTRUCTED AND/OR INSTALLED PRIOR TO OR AT THE INITIATION OF GRADING IN ACCORDANCE WITH "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND THE APPROVED PLAN.
- A GRADING UNIT IS THE MAXIMUM CONTIGUOUS AREA ALLOWED TO BE GRADED AT A GIVEN TIME AND IS LIMITED TO 20 ACRES. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY AND/OR THE LOCAL SOIL CONSERVATION DISTRICT (APPROVAL AUTHORITY) UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.
- FOR INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, TEMPORARY OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN:
 - THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
 - SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
- STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 7 DAY STABILIZATION REQUIREMENT, AS WELL AS, STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION (AS APPLICABLE).
- ALL CONSTRUCTED CHANNELS AND SWALES SHALL HAVE SPECIFIED TREATMENT INSTALLED TO THE DESIGN FLOW DEPTH COMPLETED DOWNSTREAM TO UPSTREAM AS CONSTRUCTION PROGRESSES. AN INSTALLATION DETAIL SHALL BE SHOWN ON THE PLANS.
- ALL STORM DRAIN AND SANITARY SEWER LINES NOT IN PAVED AREAS ARE TO BE SEEDED AND MULCHED WITHIN 3 DAYS OF INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
- ELECTRIC POWER, TELEPHONE, AND GAS LINES ARE TO BE COMPACTED, SEEDED, AND MULCHED WITHIN 3 DAYS AFTER INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
- NO SLOPE SHALL BE GREATER THAN 2:1.
- DURING CONSTRUCTION, ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED AFTER EACH RAINFALL AND REPAIRED IF NECESSARY. SEDIMENT TO BE REMOVED TO A SUITABLE DISPOSAL AREA AND STABILIZED WITH PERMANENT VEGETATIVE COVER.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL DISTURBED AREAS ARE STABILIZED.
- AFTER FINE GRADING, ALL DISTURBED AREAS ARE TO BE PERMANENTLY SEEDED AND MULCHED IN ACCORDANCE WITH PERMANENT SEEDING SUMMARY.
- ALL SPOIL AND/OR BORROW MUST COME FROM AND GO TO A SITE WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- CONTRACTOR TO ONLY OPEN UP LENGTH OF TRENCH THAT CAN BE CONSTRUCTED AND BACKFILLED IN ONE WORKING DAY IN PAVED AREAS.
- IN AREAS WHERE THE CONSTRUCTION TAKES PLACE OUTSIDE OF THE EXISTING ROADBED, CONTRACTOR TO INSTALL SILT FENCE ALONG THE DOWNHILL SIDE OF THE TRENCH BEFORE BEGINNING CONSTRUCTION AND PLACE EXCAVATED MATERIAL FROM THE TRENCH ON THE UPHILL SIDE.
- IF DEWATERING OF THE TRENCH IS REQUIRED, CONTRACTOR TO PUMP WATER TO A FILTER BAG TO DEWATER.
- CONTRACTOR TO SWEEP STREETS OF ANY DEBRIS OR SEDIMENTS CAUSED BY CONSTRUCTION OPERATIONS AND DISPOSE OF AT AN APPROVED LOCATION.
- CONTRACTOR TO STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH OR APPROPRIATE STREET REPAIR.

FOR SITES 1.0 ACRE OR MORE, THE FOLLOWING ARE REQUIRED:

- MARYLAND DEPARTMENT OF THE ENVIRONMENT, GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH A CONSTRUCTION ACTIVITY, NPDES PERMIT NUMBER MDR10, STATE DISCHARGE PERMIT NUMBER 09GP, OR AN INDIVIDUAL PERMIT.
- THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (GENERAL/INDIVIDUAL PERMIT-NOTICE OF INTENT-NOI) APPLICATION AND PERMIT SHALL BE POSTED AND/OR AVAILABLE ON-SITE AT ALL TIMES.
- DURING CONSTRUCTION, ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) SHALL BE INSPECTED AND RECORDED ON THE "STANDARD INSPECTION FORM", "GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY" PER THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (GENERAL/INDIVIDUAL PERMIT-NOTICE OF INTENT-NOI).
- FOLLOWING CONSTRUCTION AND RELEASE OF THE SIGHT FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SEDIMENT CONTROL INSPECTOR I.E., ALL PORTIONS OF A SITE HAVE BEEN PERMANENTLY STABILIZED, AND ALL STORMWATER DISCHARGES FROM CONSTRUCTION SITES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED, THE AUTHORIZED PERMITTEE SHALL SUBMIT THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, GENERAL/INDIVIDUAL PERMIT-NOTICE OF TERMINATION (NOT).

TEMPORARY SEEDING NOTES

GENERAL

- SCOPE: PLANTING SHORT TERM VEGETATION TO STABILIZE CLEARED OR GRADED AREAS SUBJECT TO EROSION FOR A PERIOD OF 7 DAYS OR MORE.
- STANDARDS: TEMPORARY SEEDING SHALL CONFORM TO ALL REQUIREMENTS OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER MANAGEMENT ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.
- SEDIMENT EROSION CONTROL: ALL PERIMETER CONTROLS MUST BE STABILIZED IN 3 DAYS; ALL INTERIOR CONTROLS MUST BE STABILIZED IN 7 DAYS.

SPECIFICATIONS

- SITE PREPARATION
 - PRIOR TO SEEDING, INSTALL ALL REQUIRED SEDIMENT EROSION CONTROL MEASURES.
 - FINAL GRADING NOT REQUIRED FOR TEMPORARY SEEDING.
- SOIL AMENDMENTS
 - FERTILIZER SHALL BE APPLIED AT A RATE OF 600 LBS/ACRE USING 10-10-10 OR EQUIVALENT.
 - ACID SOILS SHALL BE LIMED.
- SEED PREPARATION
 - SOIL SHALL BE LOOSENESED TO A DEPTH OF 3-INCHES BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS PRIOR TO SEEDING.
- SEEDING
 - SELECT A MIXTURE FROM TABLE B.1 IN THE STANDARD SPECIFICATIONS.
 - APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER.
- MULCHING
 - MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING. MULCH MATERIALS AND APPLICATIONS SHALL CONFORM TO THE STANDARD SPECIFICATIONS.

NOTE: ALL AREAS TO BE ROUGH GRADED AND/OR GRADED ONLY ARE TO BE STABILIZED BY TEMPORARY SEEDING AND MULCHING WITHIN 7 DAYS AFTER GRADING IS COMPLETE. IF PERMANENT SEEDING CANNOT BE PERFORMED AT THAT TIME, THESE AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING AT THE BEGINNING OF THE NEXT GROWING SEASON.

TEMPORARY SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE 6B) FROM TABLE B.1					FERTILIZER RATE (10-10-10)	LIME RATE
No.	SPECIES	APPLICATION RATE (LBS/AC)	SEEDING DATES	SEEDING DEPTHS		
1	★ BARLEY	95 (2.2 LBS/ 1000 S.F.)	3/15 - 5/31 8/1 - 9/30	1"	435 LBS/AC (10 LBS/1000 S.F.)	2 TONS/AC (90 LBS/1000 S.F.)

★ OR LIKE SPECIES WITH APPROVAL FROM FREDERICK & CATOCIN S.C.D.

PERMANENT SEEDING & SOD NOTES

GENERAL

- SCOPE: PLANTING PERMANENT, LONG-LIVED VEGETATIVE COVER ON GRADED OR CLEARED AREAS.
- STANDARDS: PERMANENT SEEDING SHALL CONFORM TO ALL REQUIREMENTS OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER MANAGEMENT ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.

SPECIFICATIONS

- SITE PREPARATION
 - PRIOR TO SEEDING, INSTALL ALL REQUIRED SEDIMENT EROSION CONTROL MEASURES.
 - FINAL GRADING REQUIRED FOR PERMANENT SEEDING.
- SOIL AMENDMENTS
 - FERTILIZER SHALL BE APPLIED AT A RATE OF 600 LBS/ACRE USING 10-10-10 OR EQUIVALENT.
- SEEDBED PREPARATION
 - SOIL SHALL BE LOOSENESED TO A DEPTH OF 3-INCHES BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS PRIOR TO SEEDING.
- SEEDING
 - SELECT A MIXTURE FROM TABLE B.2 & B.3 IN THE STANDARD SPECIFICATIONS.
 - APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER ON A FIRM, MOIST SEEDBED), MAXIMUM SEEDING DEPTH SHOULD BE 1/4 INCH ON CLAYEY SOILS AND 1/2 INCH ON SANDY SOILS, WHEN USING OTHER THAN HYDROSEEDER METHOD OF APPLICATION. NOTE: IF HYDROSEEDING IS USED AND SEED AND FERTILIZER IS MIXED, THEY WILL BE MIXED ON SITE AND THE SEEDING SHALL BE IMMEDIATE WITHOUT INTERRUPTION.

PERMANENT STABILIZATION WITH SOD

- ALL SPECIFICATIONS, SITE PREPARATION, INSTALLATION AND MAINTENANCE OF SOD FOR PERMANENT, LONG-LIVED VEGETATIVE COVER SHALL CONFORM TO SECTION B OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER MANAGEMENT ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.

NOTE: ALL AREAS TO BE ROUGH GRADED AND/OR GRADED ONLY ARE TO BE STABILIZED BY PERMANENT SEEDING AND MULCHING WITHIN 7 DAYS AFTER GRADING IS COMPLETE (SEE TEMPORARY SEEDING NOTES)

PERMANENT SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE 6B) FROM TABLE B.3					FERTILIZER RATE (10-20-20)			LIME RATE
No.	SPECIES	APPLICATION RATE (LBS/AC)	SEEDING DATES	SEEDING DEPTHS	N	P205	K20	
6	TALL FESCUE PERENNIAL RYEGRASS WHITE CLOVER	40 25 5	3/1 - 5/15 8/1 - 10/15	1/4" - 1/2"	45 LBS/AC (1.0 LB/ 1000 S.F.)	90 LBS/AC (2 LB/ 1000 S.F.)	90 LBS/AC (2 LB/ 1000 S.F.)	2 TONS/AC (90 LB/ 1000 S.F.)

SEDIMENT CONTROL / STORMWATER MANAGEMENT REQUIRED INSPECTIONS		
TYPE OF INSPECTION	DEVELOPER ENGINEER APPROVAL/DATE	EEA INSPECTION/ DATE
1) PRECONSTRUCTION MEETINGS		
2) COMPLETION OF SEDIMENT CONTROL MEASURES (IF USING BASIN SEE # 6 BELOW)		
3) PRIOR TO MODIFICATION OR REMOVAL OF SED. CNTRL.		
4) INFILTRATION SYSTEMS		
A. SITE READINESS PER SEQUENCE OF CONSTRUCTION		
B. INFILTRATION AREA PROTECTED FROM SEDIMENTATION		
C. DIMENSIONS		
D. FILTERING MATERIAL (TYPE/DEPTH)		
E. FILL MATERIAL		
F. SIZE, PLACEMENT, TYPE OF PIPING (IF APPLICABLE)		
G. OBSERVATION WELL		
H. COVER / STABILIZATION		
5) OPEN CHANNEL FLOW ATTENUATION		
A. SITE READINESS PER SEQUENCE OF CONSTRUCTION		
B. CROSS SECTION CONFORMANCE		
C. MATERIAL (TYPE/SIZE)		
D. STABILIZATION		
6) RETENTION / DETENTION STRUCTURES (BASIN/PONDS)		
A. SUBGRADE PREPARATION		
1. CORE TRENCH		
2. SUITABLE FILL		
3. COMPACTION		
B. EMBANKMENT CONSTRUCTION		
1. SUITABLE MATERIAL		
2. SLOPE GRADE		
C. BARREL AND RISER ASSEMBLY		
1. CORRECT MATERIAL ON-SITE		
2. SIGNING		
3. ANTI-SLEEP COLLARS		
D. INSTALLATION / BACKFILL		
1. FOOTER EXCAVATION AND SIZE		
2. REINFORCING MATERIAL (TYPE, SIZE, PLACEMENT)		
3. WEIR POUR		
4. FORM STRIP AND FINISHING		
E. INFLOWING AREA		
1. LOW FLOW CHANNELS		
2. DEWATERING DEVICE		
3. EMERGENCY SPILLWAY		
F. OUTFALL AREA (LEVEL SPREADER, RIPRAP CHANNEL, ETC.)		
G. VEGETATION STABILIZATION		
H. MISCELLANEOUS		
YOU MUST NOTIFY FREDERICK COUNTY ENVIRONMENTAL COMPLIANCE SECTION AT (301) 600-3507 BEFORE 9:00 AM 24 HOURS PRIOR TO THE REQUIRED INSPECTION. FAILURE TO NOTIFY THE AGENCY WILL RESULT IN A STOP WORK ORDER OR OTHER PENALTIES AS OUTLINED IN FREDERICK COUNTY CODES. *****NOTICE***** THIS LIST IS FOR SEQUENCE OF CONSTRUCTION ONLY. THE AGENCY ASSUMES NO RESPONSIBILITY OR LIABILITY FOR IMPROPER INSTALLATION OF ANY ITEM ON THIS CHECKLIST. THE AGENCY RECOMMENDS THAT A PROFESSIONAL ENGINEER BE PRESENT FOR EACH EACH OF THE REQUIRED INSPECTIONS.		

NOTES

- THE WETLANDS HAVE BEEN DELINEATED, AS SHOWN, BY MCCARTHY & ASSOCIATES, INC. WETLAND DELINEATION REPORT DATED DECEMBER 2005. THE FIELD RECOVERED LIMITS ARE SHOWN ON THE PLAN.
- FOX & ASSOCIATES, INC. HAS PREPARED A DETAILED 100 YEAR FLOODPLAIN STUDY. THE FLOODPLAIN SHOWN ON THE PLAN IS THE LIMITS OF THE DETAILED STUDY. THERE IS NO MAPPED 100 YEAR FLOODPLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP, PANEL NUMBER 240027 0175C.

FOR UTILITY WORK ONLY OR OFF-SITE UTILITY WORK

- DISTURBANCE OUTSIDE OF LIMIT OF DISTURBED AREA CAN NOT EXCEED 5,000 SQUARE FEET.
- PLACE ALL EXCAVATED MATERIAL ON HIGH SIDE OF TRENCH.
- ONLY DO AS MUCH WORK AS CAN BE DONE IN ONE DAY SO BACKFILLING, FINAL GRADING, SEEDING AND MULCHING CAN OCCUR.
- ANY SEDIMENT CONTROL MEASURES DISTURBED BY CONSTRUCTION WILL BE REPAIRED THE SAME DAY.

SECONDARY UTILITY NOTES

- ALL DISTURBANCES FROM SECONDARY UTILITIES SUCH AS PHONE, CABLE, ELECTRIC CABLE, CABLE TV, ETC. WILL BE SUBCONTRACTORS RESPONSIBILITY TO BRING WORK AREA BACK TO GRADE LEVEL THAT WAS EXISTING AND SEED AND MULCH ANY DISTURBANCE FROM INSTALLATION OF LINES OR CONDUIT.
- SUBCONTRACTORS WILL BE RESPONSIBLE FOR RE-INSTALLING OR REPAIRING ANY SILT FENCE OR SEDIMENT CONTROLS THAT WERE EXISTING TO MAINTAIN PROPER SEDIMENT CONTROL THAT MIGHT HAVE BEEN DAMAGED.

STOCKPILE NOTES

- NO STOCKPILING ALLOWED ON ASPHALT.
- ALL STOCKPILES LEFT AT THE END OF EACH WEEK NEED TO BE STABILIZED UNTIL THE NEXT REDISTURBANCE.

LANDSCAPE PLAN
IRISHTOWN ROAD

SITUATED ON THE WEST SIDE OF IRISHTOWN ROAD
TOWN OF EMMITSBURG, ELECTION DISTRICT No. 5
FREDERICK COUNTY, MARYLAND

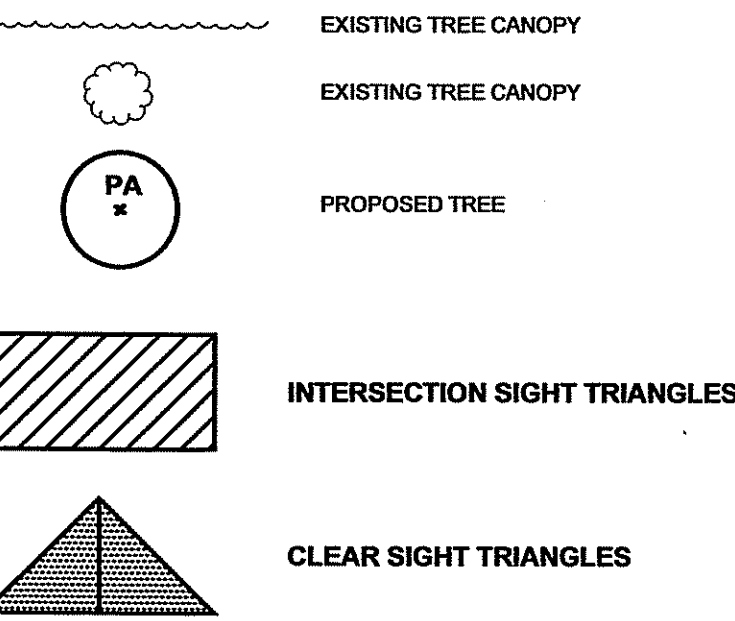
SCALE: 1" = 50'



PROJECT NO. 18-50891
DRAWING NO. D-3501
DATE: AUGUST 2020
DRAWN BY: JWE
CHECKED BY: JEM

SHEET 15 OF 15

LEGEND

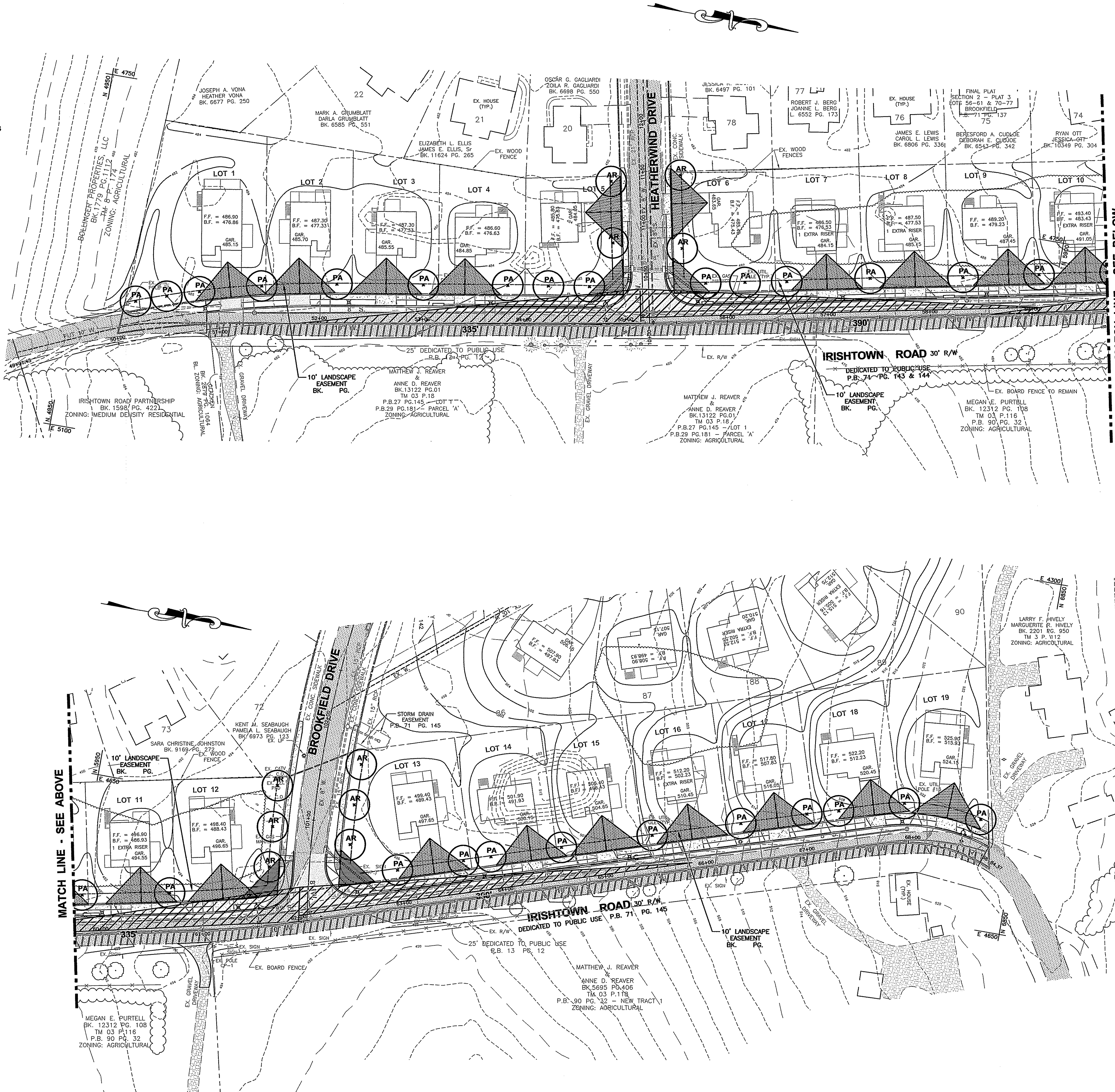
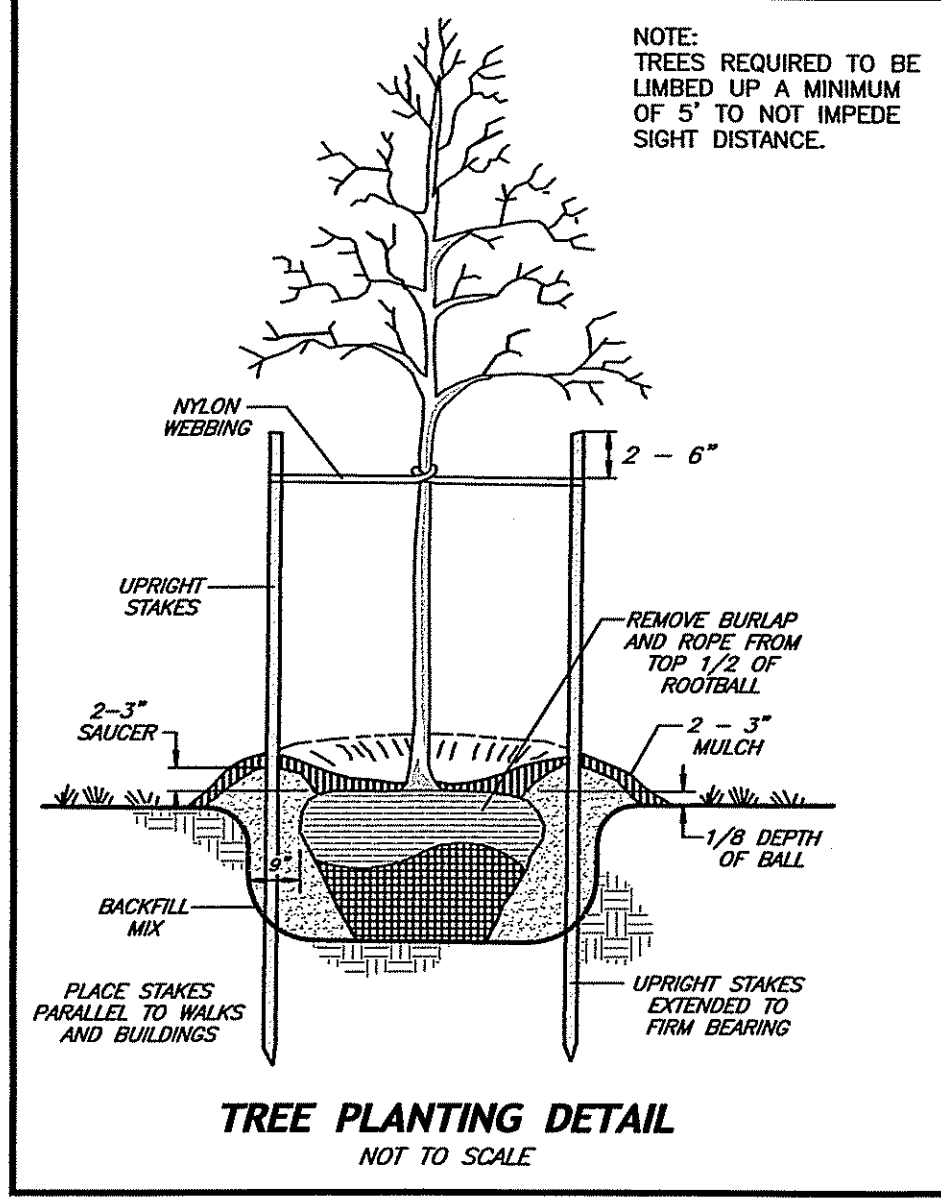


Key	Qty.	Botanical Name	Common Name	Size	Condition
PA	30	Platanus x acerifolia 'Bloodgood'	London sycamore	2-1/2" cal. Min.	B&B
AR	8	Acer rubrum 'October Glory'	Red Maple	2-1/2" cal. Min.	B&B

* ONLY COTTONLESS MALE LONDON SYCAMORE TREES SHALL BE PERMITTED IN ACCORDANCE WITH TOWN OF EMMITSBURG CODE. FEMALE LONDON SYCAMORE TREES ARE PROHIBITED.

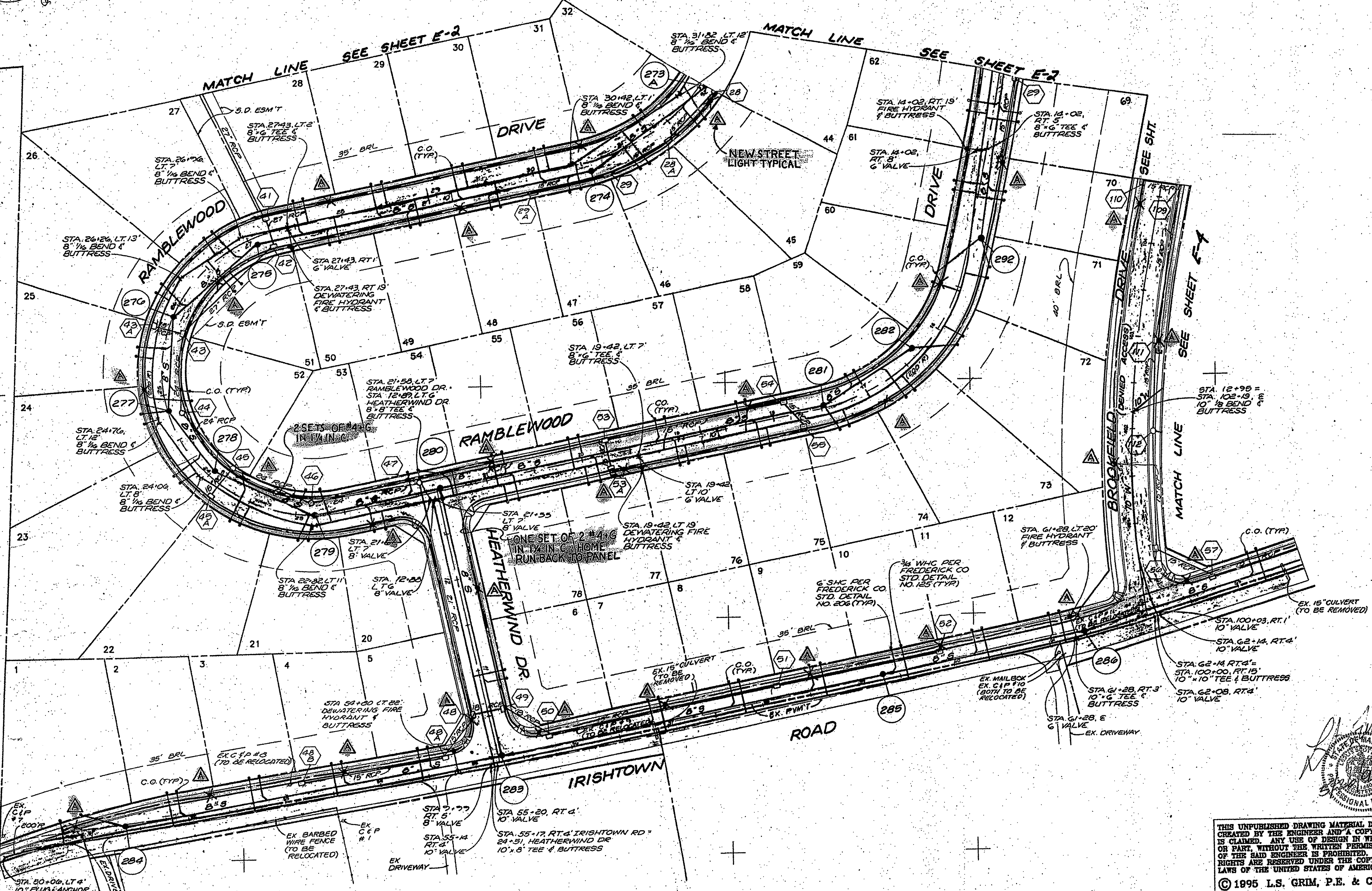
Landscape Notes

- The landscape contractor shall verify the quantities of plant material shown on the plan and shall provide and plant all material in accordance with the plan.
- Plant material shall conform to the current issue of the American Standard for Nursery Stock published by the American Association of Nurserymen.
- Plant material and lawn seeding and sodding shall be installed in accordance with the "Landscape Specification Guidelines" by the Landscape Contractors Association of Maryland, the District of Columbia and Virginia (latest edition).
- The landscape contractor shall notify Miss Utility to verify the location of utilities in the field before proceeding with the installation.
- All plants six feet in height and taller are to be staked as noted in the "Landscape Specification Guidelines" and the staking detail on this plan.
- Planting areas are to have a minimum 18" depth of clean soil for the entire area of the planting. Clean soil must include existing on-site soil, but must be free of chemical substances and debris over 1/2" diameter. The top 4 inches of the soil shall be topsoil meeting the criteria of the "Landscape Specification Guidelines".
- The plants are to be planted into prepared planting beds. A 2" layer of organic material, as defined in the "Landscape Specification Guidelines", shall be thoroughly cultivated into the bed area. The backfill mixture for trees and shrubs shall be 1/2 existing soil mixed with 1/2 organic material, plus granular fertilizer or compost.
- The edge of the mulch bed shall be formed as a 2" to 3" deep "V" trench to separate the mulch bed from the grass lawn area. The trench shall form a smooth, continuous curve, as shown on the Landscape Plan. The "V" trench shall be maintained, as necessary, to prevent the encroachment of grass into the bed.
- After planting, the entire bed is to receive 2" to 3" of mulch. Mulch shall be composted, shredded, hardwood bark mulch, dark brown in color.
- The landscape contractor shall use a pre-emergent, soil applied, herbicide on the mulched bed areas. Apply the pre-emergent herbicide only when all foliage is dry to prevent foliar burn and in accordance with the manufacturer's recommendations.
- All trees that are not in designated planter beds shall receive a 4'-5' diameter mulch bed around the trunk with 2" to 3" of dark, shredded, hardwood bark mulch. There shall be no excess soil or mulch on top of the root ball so as to expose the basal root flare.
- All disturbed lawn areas are to be seeded with a permanent Maryland State Certified seed mix or sodded with Maryland State Certified Turfgrass Sod per the owner's discretion. Prepare the subgrade and finish grade soil, supply, install and maintain the seed or sod in accordance with the "Landscape Specification Guidelines".
- The landscaping is to be maintained with living plant material. The warranty is for a (1) one year period, excluding bulbs and annuals, commencing on the date of initial acceptance. All plants shall be alive and in satisfactory growth at the end of the guarantee period. Any material that is 25% dead or more shall be considered dead and must be replaced at no charge. A tree shall be considered dead when the main leader has died back, or 25% of the crown is dead. The warranty may be void if proper care, by the owner or the owner's maintenance contractor, is not provided.



SCALE 1" = 60'

N/T THOMAS W. BOLLINGER



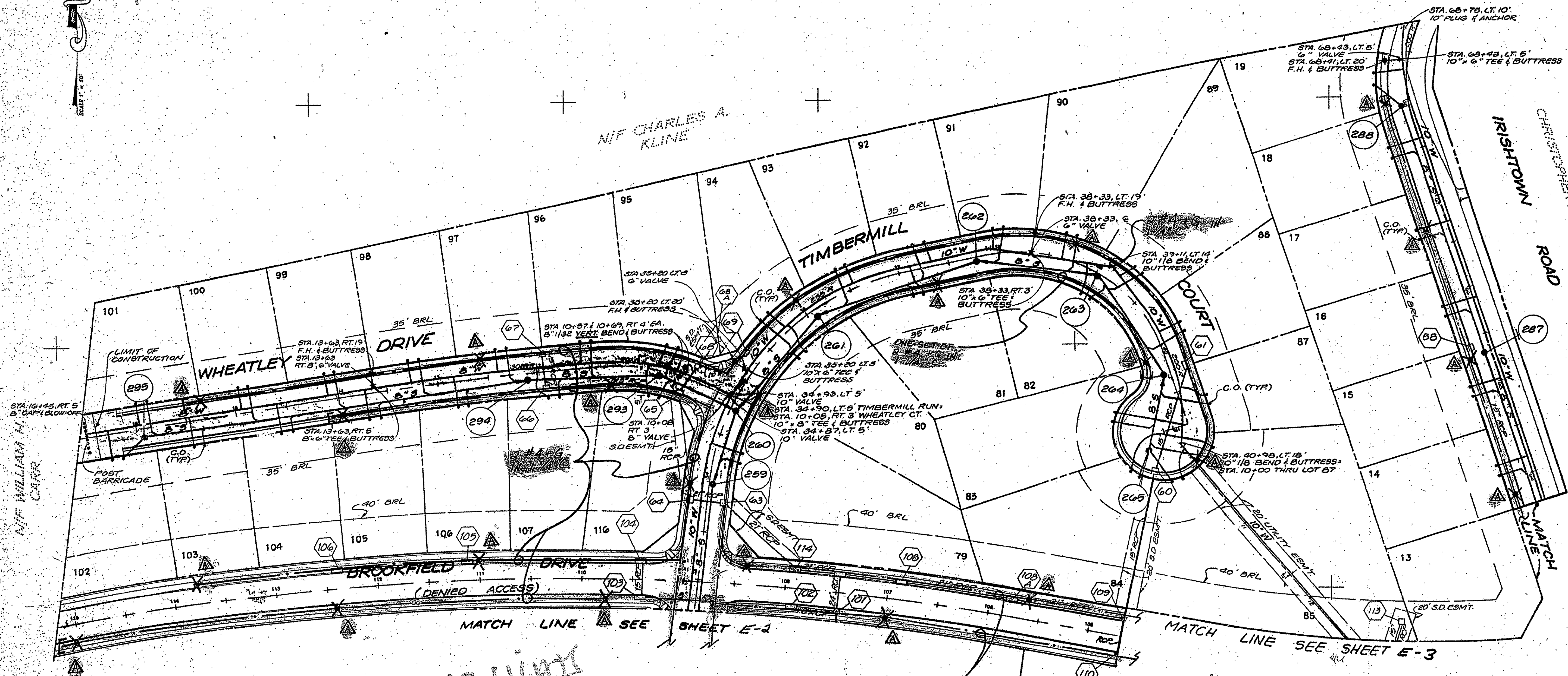
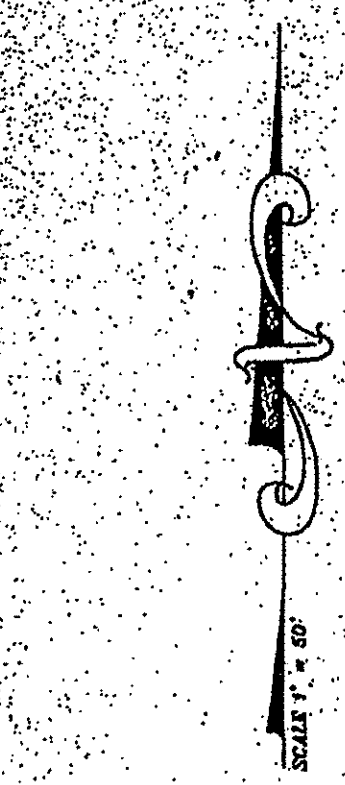
FILE:
9540
L.S. Grim, P.E. & Co.
CONSULTING ENGINEERS
41 Summit Avenue, Hagerstown Maryland 21740
(301) 797-1702 FAX (301) 416-8071

GENERAL NOTES:
1. IF THIS PROJECT IS A REVISION TO AN EXISTING FACILITY, NOT ALL EXISTING MECH & ELECT. ITEMS HAVE BEEN NOTED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND NOTE ANY EXISTING ITEMS OR CONDITIONS WHICH MAY AFFECT THE BID PRICE. ALSO THE CONTRACTOR IS ADVISED THAT LEAD BASED PAINTS MAY BE PRESENT. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID ACCIDENTS TO THE PUBLIC.
2. THE DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT OF WORK IS PARTLY DIAGRAMMATIC. IT SHALL NOT BE USED FOR REFINED MEASUREMENTS OR FOR CONSTRUCTION OF THE PROJECT.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS.
4. THE CONTRACTOR SHALL PROVIDE ALL ITEMS AS MAY BE REQUIRED FOR THE PROJECT. INSTALLATION READY FOR CONTINUOUS USE.

Brookfield Subdivision
Street Lighting
ELECTRICAL PLAN

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DRAWN BY:
JMT
CHECKED BY:
LGG
DRAWING NUMBER:
E-3
OF 5 SHEETS
DATE: MAY 26 1995

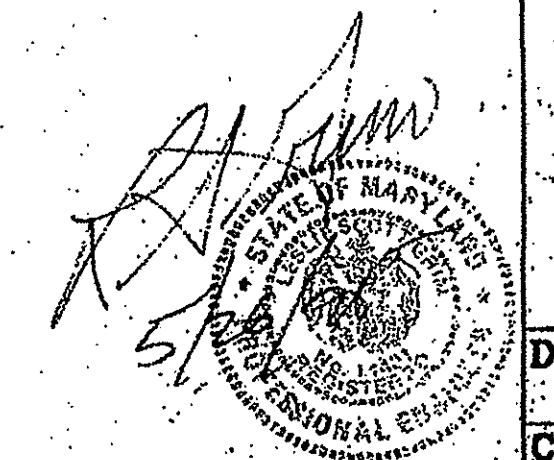


19 LUG 95

18

ONE SET OF 14-G
IN 1/2" DIA. C.

SEE SHEET
SEE SHEET



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2. THE DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT. THE WORK IS PARTLY DIAGNOMATIC. IT SHALL NOT BE SCALED FOR DIMENSIONS OR MEASUREMENTS OR USED AS AN ERECTION SHOP DRAWING.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS.
4. THE CONTRACTOR SHALL PROVIDE ALL ITEMS AS MAY BE REQUIRED FOR A COMPLETE INSTALLATION READY FOR CONTINUOUS USE.

Brookfield Subdivision
L.S. Grim, P.E. & Co.

DRAWN BY
JMT
CHECKED
LSG
DRAWING NO.
E-1
OF 5
DATE: MAY 95

FILE:
9540

L.S. Grim, P.E. & Co.
CONSULTING ENGINEERS
41 Summit Avenue Hagerstown, Maryland 21740
Hagerstown (301) 797-1702 Frederick (301) 416-8071

GENERAL NOTES:

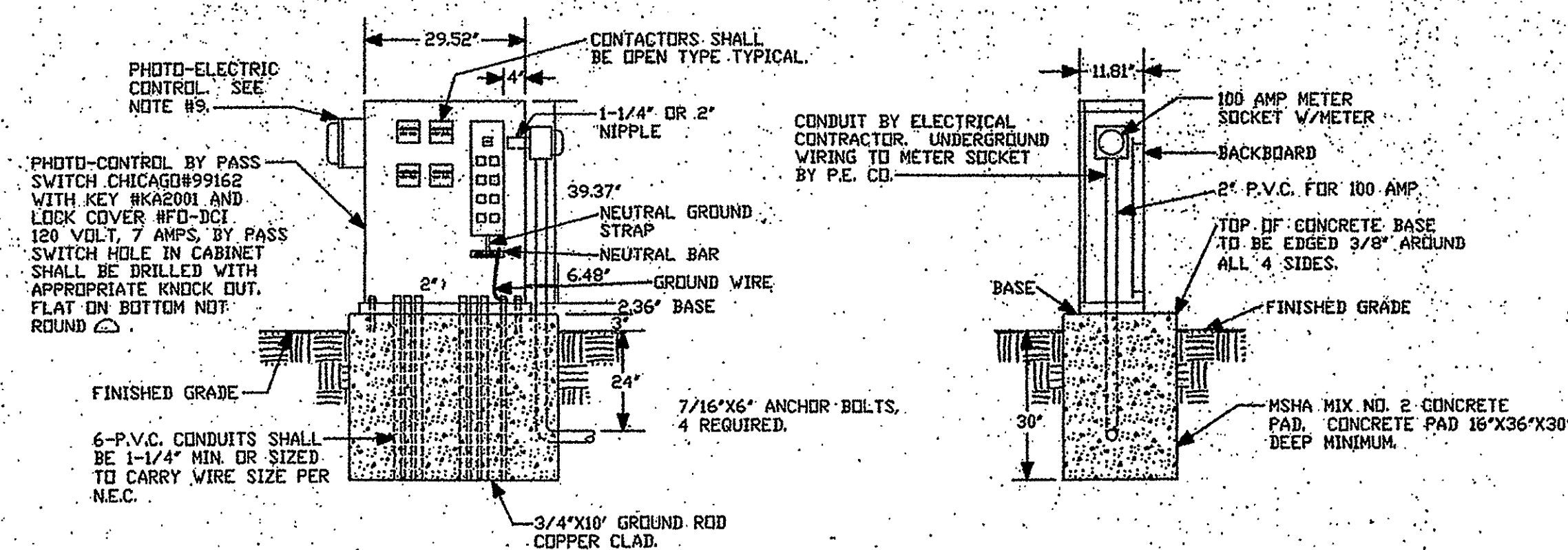
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2. THE DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT OF WORK IS PAID BY DISCREETARY. IT SHALL NOT BE SCALED FOR DIMENSIONS. MEASUREMENTS OR SERVE AS AN ERECTION SHOP DRAWING.
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4. THE CONTRACTOR SHALL PROVIDE ALL ITEMS AS MAY BE REQUIRED FOR A COMPLETE INSTALLATION READY FOR CONTINUOUS USE.

Brookfield Subdivision
Street Lighting

DRAWN BY:
MTH
CHECKED BY:
LSG

DRAWING NUMBER:
E-280
OF 5 SHEETS
DATE: MAY 26 1995

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FRONT

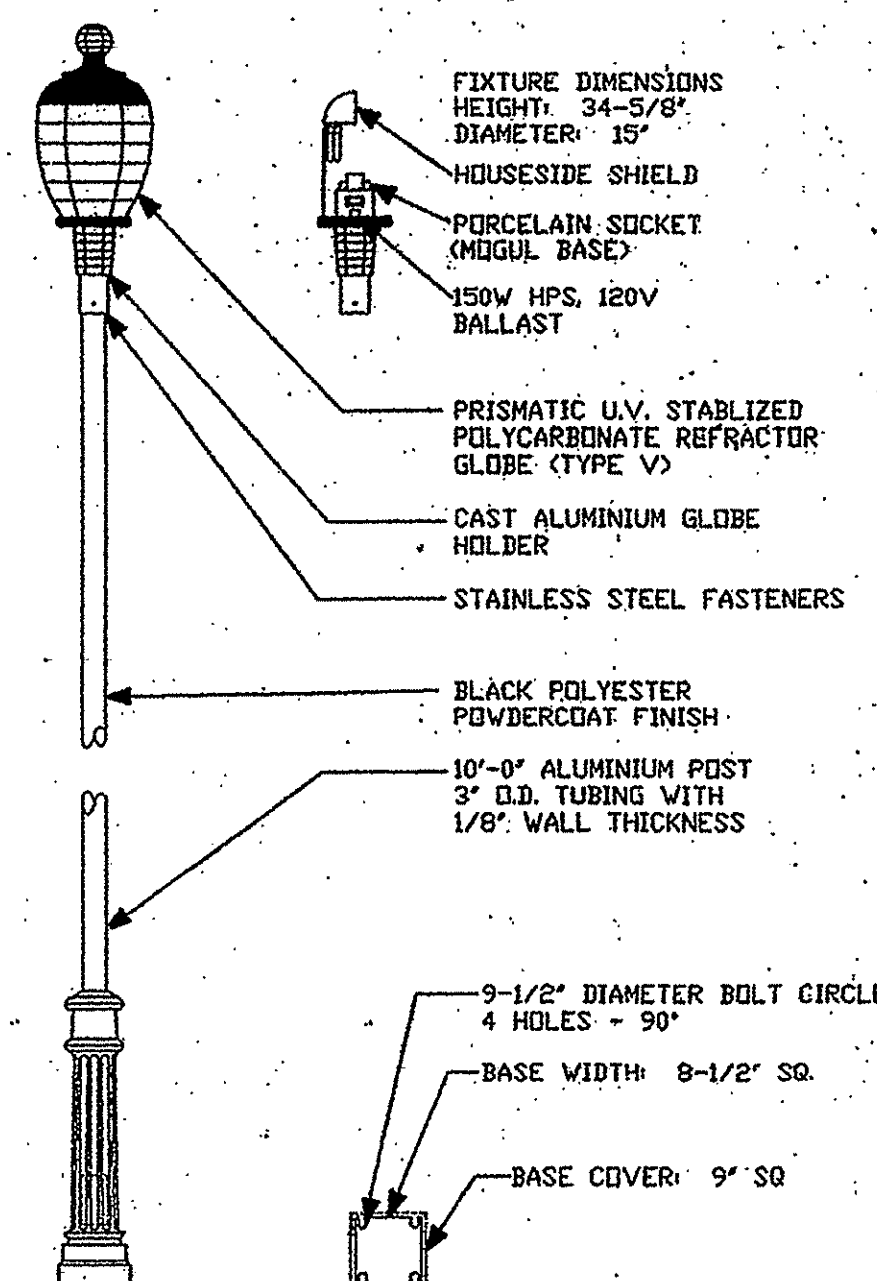
RIGHT SIDE

STREET LIGHTING NOTES

1. ROADWAY CONDUIT CROSSINGS SHALL BE 30" BELOW FINISHED GRADE.
2. DRIVEWAY CONDUIT AND SIDEWALK CONDUIT CROSSINGS SHALL BE 24" BELOW FINISHED GRADE.
3. A #4 COPPER STRANDED GROUND CONDUCTOR SHALL BE PULLED FROM MAIN SERVICE PANEL TO EACH STREET LIGHT POLE HANDHOLE WHERE IT SHALL BE TERMINATED WITH A 3-WAY COMPRESSION CONNECTOR OR COPPER BUG. THE TAP OFF OF THE COMPRESSION CONNECTOR OR BUG SHALL BE BONDED TO POLE WITH A COPPER LUG.
4. WIRING FROM FUSE HOLDER TO FIXTURE SHALL BE 14/3 SED CABLE. A 1/4" THREADED GROUND STUD SHALL BE WELDED TO POLE BASE.
5. CONDUCTORS SHALL BE FUSED WITH FUSE HOLDER AND BAF 5 AMP FOR EACH INDIVIDUAL FIXTURE. BUSS #HED-JK AND/OR JJ.
6. POLE TO BE HADCO 15-10 VICTORIAN (POLE ONLY). HEAD ASSEMBLY TO BE HADCO #VS731AT3NUG WITH MULTITAP BALLASTS.

NOTES

1. CONTRACTOR SHALL PROVIDE ALL LIGHT FIXTURES, POLES, POLE BASES, WIRE AND CONDUIT, TRENCHING AND BACKFILL, ETC. MEETING CITY STANDARDS, AND AS INDICATED ON THIS DRAWING TO PROVIDE A FULLY OPERABLE SYSTEM.
2. SUCCESSFUL CONTRACTOR SHALL CALL BOTH MISS UTILITY AND CITY OF EMMITSBURG 48 HOURS PRIOR TO ANY EXCAVATION FOR LOCATION OF ALL UTILITIES.
3. ALL CONTRACTORS SHALL PICK UP LATEST EDITION OF CITY OF EMMITSBURG STREET LIGHTING SPECIFICATIONS AND DETAILS BEFORE BIDDING TO FAMILIARIZE THEMSELVES WITH REQUIREMENTS.
4. EACH LIGHT POLE SHALL BE ON DESIGNATED CIRCUIT AND TAGGED WITH A PERMANENT LABEL LOCATED INSIDE HANDHOLE.
5. CONTRACTOR SHALL COORDINATE POLE LOCATIONS WITH SITE UTILITIES AND RESIDENTIAL DRIVEWAYS, PRIOR TO ROUGH-IN.

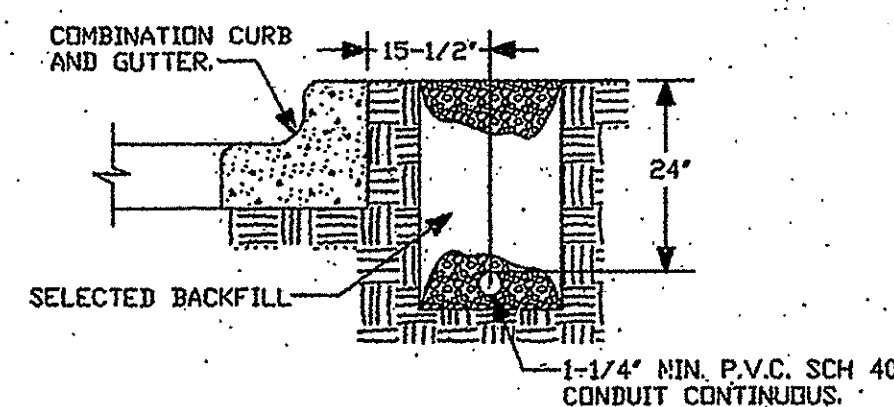


METER/PANEL ENCLOSURE NOTES

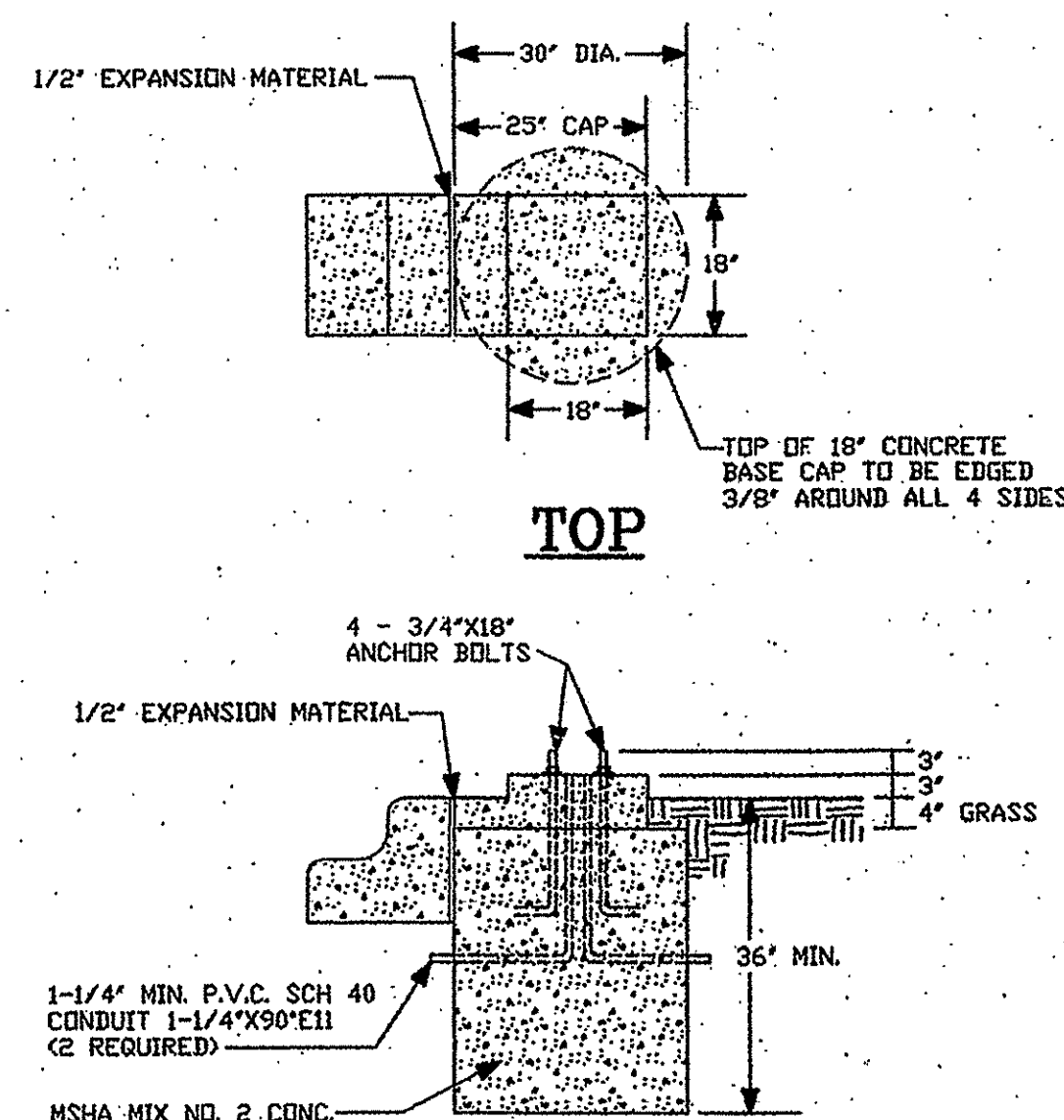
1. NEMA 3R SERVICE PANEL CABINET SHALL BE BY CARLON #HL4030 GLASS FIBER REINFORCED POLYESTER HIGH IMPACT WITH STEEL BACKBOARD AND #HLLK CYLINDER LOCK WITH TWO #405 KEYS. CABINET MOUNTING BASE SHALL BE CARLON #HLN830 SUPPLIED WITH ANCHOR BOLTS AND ALL FASTENING HARDWARE.
2. MAIN BREAKER PANEL SHALL BE INTERIOR ONLY. 100 AMP PANEL SHALL BE CUTLER HAMMER #PB1083FS100INB WITH NEUTRAL BAR.
3. ALL BREAKERS SHALL BE BOLT ON TYPE.
4. EXTERIOR OF CABINET SHALL BE PAINTED WITH TWO COATS OF BENJAMIN MOORE RETARDO BRONZE TONE #163-60 OR APPROVED EQUAL.
5. ALL WIRING SHALL BE DONE USING TIE WRAPS TO SECURE WIRING IN A WORKMAN LIKE MANNER.
6. ALL BRANCH CIRCUIT CONDUITS SHALL TERMINATE BETWEEN BACK OF CURB AND FRONT OF SIDEWALK (IN GRASS AREA BETWEEN CURB AND SIDEWALK).
7. ALL ITEMS AS INDICATED OR APPROVED EQUAL.
8. ALL PANELS, CONTACTORS, BREAKERS, AND CABINETS SHALL BE SIZED TO MEET CIRCUITRY NEEDS. DRAWINGS REPRESENT MINIMUM TYPICAL.
9. PHOTO-ELECTRIC CONTROL TO BE FISHER PIERCE #633000AR WITH HELIOHAF SOCKET RETARDO BRONZE TONE #163-60 OR APPROVED EQUAL.
10. ALL BRANCH CIRCUIT CONDUCTORS TO LARGE TO BE INSTALLED TO CIRCUIT BREAKER TERMINALS SHALL HAVE COPPER PIGTAIL ADAPTERS INSTALLED. JLSO #C.P.M. OR APPROVED EQUAL.

ELECTRICAL LEGEND

- EMMITSBURG CITY STANDARD RESIDENTIAL STREET LIGHT MOUNTED ON A 10" HIGH VICTORIAN POLE. THE FIXTURE SHALL BE HADCO #VS731AT3NUG SERIES, WITH MULTI-TAP BALLASTS.
- NEW 100 AMP METER/PANEL ENCLOSURE AND PAD. THE PANEL IS 120/240V, 1PH-3W. PROVIDE A 30 AMP/2 POLE CONTACTOR FOR EACH CIRCUIT.
- ELECTRICAL STREET LIGHTING UNDERGROUND WIRING IN CONDUIT. SEE DRAWINGS FOR WIRE SIZE AND QUANTITIES. SEE CITY OF EMMITSBURG STANDARDS FOR ADDITIONAL SPECIFICATIONS, AND INSTALLATION DETAILS.



TYPICAL TRENCH DETAIL



POLE BASE DETAIL