



Maura Healey, Governor
 Kimberley Driscoll, Lieutenant Governor
 Phillip Eng, Interim MassDOT Secretary
 Jonathan L. Gulliver, Undersecretary and Highway Administrator



Proposal No. 610670-133876

April 1, 2026

ADDENDUM NO. 1

To Prospective Bidders and Others on:

HARWICH
Federal Aid Project No. TAP-SRS5(002)X
Harwich Elementary School Improvements (SRTS)

THIS PROPOSAL TO BE OPENED AND READ: **WEDNESDAY, APRIL 22, 2026 at 2:00 P.M.**

Transmitting changes to the Contract Documents as follows:

- | | |
|------------------------|---|
| <u>DOCUMENT 00010:</u> | Revised page 1. |
| <u>DOCUMENT 00104:</u> | Revised page 3. |
| <u>DOCUMENT 00813:</u> | Deleted document in its entirety and inserted new document (4 pages). |
| <u>DOCUMENT 00861:</u> | Deleted document in its entirety and inserted new document (34 pages). |
| <u>PLANS:</u> | Revised entire plan set (71 drawings).
Revised Federal Aid Project number entire set.
Official plan changes will be made at a later date. |

Take note of the above, substitute the revised pages and plans for the originals, delete the documents, and plans indicated, insert the new documents in the proper order, and acknowledge Addendum No. 1 in your Expedite Proposal file before submitting your bid.

Very truly yours,

for
 Eric M. Cardone, P.E.
 Construction Contracts Engineer

DSK
 cc Jonathan Freeman, Project Manager

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① Addendum No.1: April 1, 2026

DOCUMENT 00010

TABLE OF CONTENTS

DOCUMENT 00010
TABLE OF CONTENTS..... 00010-1 through 2

DOCUMENT 00104
NOTICE TO CONTRACTORS 00104- 1 through 4

DOCUMENT 00210
REQUIREMENTS OF MASSACHUSETTS GENERAL
LAWS CHAPTER 30 SECTION 39R; CHAPTER 30, SECTION 39O..... 00210-1 through 4

DOCUMENT 00331
LOCUS MAP 00331-1 through 2

DOCUMENT 00439
CONTRACTOR PROJECT EVALUATION FORM..... 00439-1 through 2

DOCUMENT 00440
SUBCONTRACTOR PROJECT EVALUATION FORM..... 00440-1 through 2

DOCUMENT 00710
GENERAL CONTRACT PROVISIONS 00710-1 through 2

DOCUMENT 00760
REQUIRED CONTRACT PROVISIONS FOR FEDERAL-AID
CONSTRUCTION CONTRACTS..... 00760-1 through 14

DOCUMENT 00811
MONTHLY PRICE ADJUSTMENT FOR HOT MIX ASPHALT
(HMA) MIXTURES 00811-1 through 2

DOCUMENT 00812
MONTHLY PRICE ADJUSTMENT FOR DIESEL FUEL AND GASOLINE..... 00812-1 through 2

DOCUMENT 00813
PRICE ADJUSTMENT FOR STRUCTURAL STEEL
AND REINFORCING STEEL 00813-1 through 4

DOCUMENT 00814
PRICE ADJUSTMENT FOR PORTLAND CEMENT CONCRETE MIXES..... 00814-1 through 2

DOCUMENT 00820
THE COMMONWEALTH OF MASSACHUSETTS
SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY,
NON-DISCRIMINATION AND AFFIRMATIVE ACTION PROGRAM 00820-1 through 6

DOCUMENT 00821
ELECTRONIC REPORTING REQUIREMENTS
CIVIL RIGHTS PROGRAM AND CERTIFIED PAYROLL..... 00821-1 through 2

DOCUMENT 00859
CONTRACTOR/SUBCONTRACTOR CERTIFICATION FORM 00859-1 through 2

DOCUMENT 00860
COMMONWEALTH OF MASSACHUSETTS PUBLIC EMPLOYMENT LAWS..... 00860-1 through 2

① DOCUMENT 00861
STATE PREVAILING WAGE RATES..... 00861-1 through 34

DOCUMENT 00870
STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
CONSTRUCTION CONTRACT SPECIFICATIONS..... 00870-1 through 8

① Addendum No.1: April 1, 2026

① **NOTICE TO CONTRACTORS** (Continued)

PRICE ADJUSTMENTS

This Contract contains price adjustments for hot mix asphalt and Portland cement mixtures, diesel fuel, and gasoline. For reference the base prices are as follows: liquid asphalt \$640.00 per ton, Portland cement \$425.13 per ton, diesel fuel \$3.141 per gallon, and gasoline \$2.270 per gallon, and Steel Base Price Index 362.6 MassDOT posts the **Price Adjustments** on their Highway Division's website at

<https://www.mass.gov/massdot-contract-price-adjustments>

This Contract contains Price Adjustments for steel. See Document 00813 - PRICE ADJUSTMENT FOR STRUCTURAL STEEL AND REINFORCING STEEL for their application and base prices.

MassDOT projects are subject to the rules and regulations of the Architectural Access Board (521 CMR 1.00 et seq.)

Prospective bidders and interested parties can access this information and more via the internet at WWW.COMMBUYS.COM.

BY: Phillip Eng, Interim MassDOT Secretary
Jonathan L. Gulliver, Undersecretary and Highway Administrator
SATURDAY, MARCH 21, 2026

DOCUMENT 00813

SPECIAL PROVISIONS

PRICE ADJUSTMENTS FOR STRUCTURAL STEEL AND REINFORCING STEEL

March 25, 2026

This special provision applies to all projects containing the use of structural steel and/or reinforcing steel as specified elsewhere in the Contract work. It applies to all structural steel and all reinforcing steel, as defined below, on the project. Compliance with this provision is mandatory, i.e., there are no “opt-in” or “opt-out” clauses. Price adjustments will be handled as described below and shall only apply to unfabricated reinforcing steel bars and unfabricated structural steel material, consisting of rolled shapes, plate steel, sheet piling, pipe piles, steel castings and steel forgings.

Price adjustments will be variances between Base Prices and Period Prices. Base Prices and Period Prices are defined below.

Price adjustments will only be made if the variances between Base Prices and Period Prices are 5% or more. A variance can result in the Period Price being either higher or lower than the Base Price. Once the 5% threshold has been achieved, the adjustment will apply to the full variance between the Base Price and the Period Price.

Price adjustments will be calculated by multiplying the number of pounds of unfabricated structural steel material or unfabricated reinforcing steel bars on a project by the index factor calculated as shown below under Example of a Period Price Calculation.

Price adjustments will *not* include guardrail panels or the costs of shop drawing preparation, handling, fabrication, coatings, transportation, storage, installation, profit, overhead, fuel costs, fuel surcharges, or other such charges not related to the cost of the unfabricated structural steel and unfabricated reinforcing steel.

The weight of steel subject to a price adjustment shall not exceed the final shipping weight of the fabricated part by more than 10%.

Base Prices and Period Prices are defined as follows:

Base Prices of unfabricated structural steel and unfabricated reinforcing steel on a project are fixed prices determined by the Department and found in the table below. While it is the intention of the Department to make this table comprehensive, some of a project’s unfabricated structural steel and/or unfabricated reinforcing steel may be inadvertently omitted. Should this occur, the Contractor shall bring the omission to the Department’s attention so that a contract alteration may be processed that adds the missing steel to the table and its price adjustments to the Contract.

The Base Price Date is the month and year of the most recent finalized period price index at the time that MassDOT opened bids for the project. The Base Price Index for this contract is the Steel PPI listed in the Notice to Contractors.

Period Prices of unfabricated structural steel and unfabricated reinforcing steel on a project are variable prices that have been calculated using the Period Price Date and an index of steel prices to adjust the Base Price.

The Period Price Date is the date the steel was delivered to the fabricator as evidenced by an official bill of lading submitted to the Department containing a description of the shipped materials, weights of the shipped materials and the date of shipment. This date is used to select the Period Price Index.

The index used for the calculation of Period Prices is the U.S. Department of Labor Bureau of Labor Statistics Producer Price Index (PPI) Series ID WPU101702 (Not Seasonally Adjusted, Group: Metals and Metal Products, Item: Semi-finished Steel Mill Products.) As this index is subject to revision for a period of up to four (4) months after its original publication, no price adjustments will be made until the index for the period is finalized, i.e., the index is no longer suffixed with a “(P)”.

Period Prices are determined as follows:

Period Price = Base Price X Index Factor

Index Factor = Period Price Index / Base Price Index

Example of a Period Price Calculation:

Calculate the Period Price for December 2009 using a Base Price from March 2009 of \$0.82/Pound for 1,000 Pounds of ASTM A709 (AASHTO M270) Grade A36 Structural Steel Plate.

The Period Price Date is December 2009. From the PPI website*, the Period Price Index = 218.0.

The Base Price Date is March 2009. From the PPI website*, the Base Price Index = 229.4.

Index Factor = Period Price Index / Base Price Index = 218.0 / 229.4 = 0.950

Period Price = Base Price X Index Factor = \$0.82/Pound X 0.950 = \$0.78/Pound

Since \$0.82 - \$0.78 = \$0.04 is less than 5% of \$0.82, no price adjustment is required.

If the \$0.04 difference shown above was greater than 5% of the Base Price, then the price adjustment would be 1,000 Pounds X \$0.04/Pound = \$40.00. Since the Period Price of \$0.78/Pound is less than the Base Price of \$0.82/Pound, indicating a drop in the price of steel between the bid and the delivery of material, a credit of \$40.00 would be owed to MassDOT. When the Period Price is higher than the Base Price, the price adjustment is owed to the Contractor.

* To access the PPI website and obtain a Base Price Index or a Period Price Index, go to

<http://data.bls.gov/cgi-bin/srgate>

End of example.

The Contractor will be paid for unfabricated structural steel and unfabricated reinforcing steel under the respective contract pay items for all components constructed of either structural steel or reinforced Portland cement concrete under their respective Contract Pay Items.

Price adjustments, as herein provided for, will be paid separately as follows:

Structural Steel

Pay Item Number 999.449 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.457 for negative (-) pay adjustments (credits to MassDOT Highway Division)

Reinforcing Steel

Pay Item Number 999.466 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.467 for negative (-) pay adjustments (credits to MassDOT Highway Division)

No price adjustment will be made for price changes after the Contract Completion Date, unless the MassDOT Highway Division has approved an extension of Contract Time for the Contract.

TABLE

Steel Type	Price per Pound	
1	ASTM A615/A615M Grade 60 (AASHTO M31 Grade 60 or 420) Reinforcing Steel	\$0.56
2	ASTM A27 (AASHTO M103) Steel Castings, H-Pile Points & Pipe Pile Shoes (See Note below.)	\$0.78
3	ASTM A668 / A668M (AASHTO M102) Steel Forgings	\$0.78
4	ASTM A108 (AASHTO M169) Steel Forgings for Shear Studs	\$0.80
5	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Plate	\$0.84
6	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Shapes	\$0.79
7	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Plate	\$0.84
8	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Shapes	\$0.79
9	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Plate	\$0.87
10	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Shapes	\$0.80
11	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W 345W Structural Steel Plate	\$0.87
12	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W or 345W Structural Steel Shapes	\$0.80
13	ASTM A709/A709M Grade HPS 50W / AASHTO M270M/M270 Grade HPS 50W or 345W Structural Steel Plate	\$0.91
14	ASTM A709/A709M Grade HPS 70W / AASHTO M270M/M270 Grade HPS 70W or 485W Structural Steel Plate	\$0.98
15	ASTM A514/A514M-05 Grade HPS 100W / AASHTO M270M/M270 Grade HPS 100W or 690W Structural Steel Plate	\$1.50
16	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Plate	\$0.87
17	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Shapes	\$0.80
18	ASTM A276 Type 316 Stainless Steel	\$4.51
19	ASTM A240 Type 316 Stainless Steel	\$4.51
20	ASTM A148 Grade 80/50 Steel Castings (See Note below.)	\$1.55
21	ASTM A53 Grade B Structural Steel Pipe	\$0.98
22	ASTM A500 Grades A, B, 36 & 50 Structural Steel Pipe	\$0.98
23	ASTM A252, Grades 240 (36 KSI) & 414 (60 KSI) Pipe Pile	\$0.78
24	ASTM 252, Grade 2 Permanent Steel Casing	\$0.78
25	ASTM A36 (AASHTO M183) for H-piles, steel supports and sign supports	\$0.82
26	ASTM A328 / A328M, Grade 50 (AASHTO M202) Steel Sheetpiling	\$1.48
27	ASTM A572 / A572M, Grade 50 Sheetpiling	\$1.48
28	ASTM A36/36M, Grade 50	\$0.84
29	ASTM A570, Grade 50	\$0.82
30	ASTM A572 (AASHTO M223), Grade 50 H-Piles	\$0.84
31	ASTM A1085 Grade A (50 KSI) Steel Hollow Structural Sections (HSS), heat-treated per ASTM A1085 Supplement S1	\$0.98
32	AREA 140 LB Rail and Track Accessories	\$0.51

NOTE: Steel Castings are generally used only on moveable bridges. Cast iron frames, grates and pipe are not “steel” castings and will not be considered for price adjustments.

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① Addendum No.1: April 1, 2026

DOCUMENT 00861

STATE PREVAILING WAGE RATES



**THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
Prevailing Wage Rates**

MAURA HEALEY
Governor
KIM DRISCOLL
Lt. Governor

**As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H**

LAUREN JONES
Secretary
MICHAEL FLANAGAN
Director

Awarding Authority: Massachusetts Highway **City/Town:** HARWICH
Contract Number: 133876
Description of Work: HARWICH - Federal Aid Project No. TAP-SRS5(002)X Harwich Elementary School Improvements (SRTS)
Job Location: Main Street Route 39

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, the awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. The updated wage schedule must be provided to all contractors, including general and sub-contractors, working on the construction project.
- This annual update requirement is generally not applicable to 27F “rental of equipment” contracts. For such contracts, the prevailing wage rates issued by DLS shall remain in effect for the duration of the contract term. However, if the prevailing wage rate sheet issued does not contain wage rates for each year covered by the contract term, the Awarding Authority must request updated rate sheets from DLS and provide them to the contractor to ensure the correct rates are being paid throughout the duration of the contract. Additionally, if an Awarding Authority exercises an option to renew or extend the contract term, they must request updated rate sheets from DLS and provide them to the contractor.
- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or a sub-contractor.
- Apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (DAS). Apprentices must keep their apprentice identification card on their persons during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DAS regardless of whether they are registered with another federal, state, local, or private agency must be paid the journeyworker's rate.**
- Every contractor or subcontractor working on the construction project must submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. For a sample payroll reporting form go to <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Contractors must obtain the wage schedules from awarding authorities. Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may file a complaint with the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
(2 AXLE) DRIVER - EQUIPMENT	1/1/2026	\$40.95	\$16.17	\$21.78	\$0.00	\$0.00	\$78.90
TEAMSTERS JOINT COUNCIL NO. 10	6/1/2026	\$41.95	\$16.17	\$21.78	\$0.00	\$0.00	\$79.90
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/1/2026	\$41.95	\$16.17	\$23.52	\$0.00	\$0.00	\$81.64
	1/1/2027	\$41.95	\$16.77	\$23.52	\$0.00	\$0.00	\$82.24
(3 AXLE) DRIVER - EQUIPMENT	1/1/2026	\$41.02	\$16.17	\$21.78	\$0.00	\$0.00	\$78.97
TEAMSTERS JOINT COUNCIL NO. 10	6/1/2026	\$42.02	\$16.17	\$21.78	\$0.00	\$0.00	\$79.97
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/1/2026	\$42.02	\$16.17	\$23.52	\$0.00	\$0.00	\$81.71
	1/1/2027	\$42.02	\$16.77	\$23.52	\$0.00	\$0.00	\$82.31
(4 & 5 AXLE) DRIVER - EQUIPMENT	1/1/2026	\$41.14	\$16.17	\$21.78	\$0.00	\$0.00	\$79.09
TEAMSTERS JOINT COUNCIL NO. 10	6/1/2026	\$42.14	\$16.17	\$21.78	\$0.00	\$0.00	\$80.09
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/1/2026	\$42.14	\$16.17	\$23.52	\$0.00	\$0.00	\$81.83
	1/1/2027	\$42.14	\$16.77	\$23.52	\$0.00	\$0.00	\$82.43
ADS/SUBMERSIBLE PILOT	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
AIR TRACK OPERATOR	12/1/2025	\$41.22	\$10.65	\$9.75	\$9.11	\$0.00	\$70.73
LABORERS	6/1/2026	\$42.66	\$10.65	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$44.10	\$10.65	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.55	\$10.65	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$47.00	\$10.65	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.50	\$10.65	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$50.00	\$10.65	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
AIR TRACK OPERATOR (HEAVY & HIGHWAY)	12/1/2025	\$41.22	\$10.65	\$9.75	\$9.21	\$0.00	\$70.83
LABORERS	6/1/2026	\$42.66	\$10.65	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$44.10	\$10.65	\$9.75	\$9.21	\$0.00	\$73.71
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
ASBESTOS REMOVER - PIPE / MECH. EQUIPT.	12/1/2025	\$44.80	\$14.50	\$4.30	\$6.75	\$0.00	\$70.35
HEAT & FROST INSULATORS LOCAL 6							
HEAT & FROST INSULATORS LOCAL 6 (BOSTON)							
ASPHALT RAKER	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
ASPHALT RAKER (HEAVY & HIGHWAY)	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)							
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE	12/1/2025	\$58.68	\$16.55	\$13.35	\$3.25	\$0.00	\$91.83
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.98	\$16.55	\$13.35	\$3.25	\$0.00	\$93.13
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$61.43	\$16.55	\$13.35	\$3.25	\$0.00	\$94.58
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BACKHOE/FRONT-END LOADER	12/1/2025	\$58.68	\$16.55	\$13.35	\$3.25	\$0.00	\$91.83
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.98	\$16.55	\$13.35	\$3.25	\$0.00	\$93.13
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$61.43	\$16.55	\$13.35	\$3.25	\$0.00	\$94.58
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BARCO-TYPE JUMPING TAMPER	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
BLOCK PAVER, RAMMER / CURB SETTER	12/1/2025	\$41.22	\$10.65	\$9.75	\$9.11	\$0.00	\$70.73
LABORERS	6/1/2026	\$42.66	\$10.65	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$44.10	\$10.65	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.55	\$10.65	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$47.00	\$10.65	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.50	\$10.65	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$50.00	\$10.65	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY)	12/1/2025	\$41.22	\$10.65	\$9.75	\$9.21	\$0.00	\$70.83
LABORERS	6/1/2026	\$42.66	\$10.65	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$44.10	\$10.65	\$9.75	\$9.21	\$0.00	\$73.71
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)							
BOILER MAKER	1/1/2024	\$48.12	\$7.07	\$14.60	\$6.00	\$0.00	\$75.79
BOILERMAKERS LOCAL 29							
BOILERMAKERS LOCAL 29							

Apprentice: BOILER MAKER							
Effective Date: 1/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
2	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
3	70.00	\$33.68	\$7.07	\$10.03	\$4.20	\$0.00	\$54.98
4	75.00	\$36.09	\$7.07	\$10.74	\$4.50	\$0.00	\$58.40
5	80.00	\$38.50	\$7.07	\$11.45	\$4.80	\$0.00	\$61.82
6	85.00	\$40.90	\$7.07	\$12.18	\$5.10	\$0.00	\$65.25

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: BOILER MAKER							
Effective Date: 1/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
7	90.00	\$43.31	\$7.07	\$12.88	\$5.40	\$0.00	\$68.66
8	95.00	\$45.71	\$7.07	\$13.62	\$5.70	\$0.00	\$72.10

Apprentice to Journeyworker Ratio: 1:4

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	2/1/2026	\$67.95	\$12.84	\$15.57	\$8.02	\$0.00	\$104.38
BRICKLAYERS LOCAL 3	8/1/2026	\$70.15	\$12.84	\$15.57	\$8.02	\$0.00	\$106.58
BRICKLAYERS LOCAL 3 (NEW BEDFORD)	2/1/2027	\$71.55	\$12.84	\$15.57	\$8.02	\$0.00	\$107.98

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.98	\$12.84	\$15.57	\$8.02	\$0.00	\$70.41
2	60.00	\$40.77	\$12.84	\$15.57	\$8.02	\$0.00	\$77.20
3	70.00	\$47.57	\$12.84	\$15.57	\$8.02	\$0.00	\$84.00
4	80.00	\$54.36	\$12.84	\$15.57	\$8.02	\$0.00	\$90.79
5	90.00	\$61.16	\$12.84	\$15.57	\$8.02	\$0.00	\$97.59

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)							
Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$35.08	\$12.84	\$15.57	\$8.02	\$0.00	\$71.51
2	60.00	\$42.09	\$12.84	\$15.57	\$8.02	\$0.00	\$78.52
3	70.00	\$49.11	\$12.84	\$15.57	\$8.02	\$0.00	\$85.54
4	80.00	\$56.12	\$12.84	\$15.57	\$8.02	\$0.00	\$92.55
5	90.00	\$63.14	\$12.84	\$15.57	\$8.02	\$0.00	\$99.57

Apprentice to Journeyworker Ratio: 1:5

BULLDOZER/GRADER/SCRAPER OPERATING ENGINEERS LOCAL 4	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CAISSON & UNDERPINNING BOTTOM MAN LABORERS	12/1/2025	\$49.10	\$10.65	\$9.75	\$9.80	\$0.00	\$79.30
LABORERS - FOUNDATION AND MARINE	6/1/2026	\$50.65	\$10.65	\$9.75	\$9.80	\$0.00	\$80.85
LABORERS	12/1/2026	\$52.15	\$10.65	\$9.75	\$9.80	\$0.00	\$82.35

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING LABORER LABORERS	12/1/2025	\$47.95	\$10.65	\$9.75	\$9.80	\$0.00	\$78.15
LABORERS	6/1/2026	\$49.50	\$10.65	\$9.75	\$9.80	\$0.00	\$79.70

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORERS - FOUNDATION AND MARINE	12/1/2026	\$51.00	\$10.65	\$9.75	\$9.80	\$0.00	\$81.20
For apprentice rates see "Apprentice- LABORER"							
CAISSON & UNDERPINNING TOP MAN LABORERS	12/1/2025	\$48.28	\$10.65	\$9.75	\$9.80	\$0.00	\$78.48
LABORERS - FOUNDATION AND MARINE	6/1/2026	\$49.83	\$10.65	\$9.75	\$9.80	\$0.00	\$80.03
LABORERS - FOUNDATION AND MARINE	12/1/2026	\$51.33	\$10.65	\$9.75	\$9.80	\$0.00	\$81.53
For apprentice rates see "Apprentice- LABORER"							
CARBIDE CORE DRILL OPERATOR LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
CARPENTER	3/1/2026	\$50.85	\$11.08	\$11.47	\$8.50	\$0.00	\$81.90
CARPENTERS	9/1/2026	\$52.10	\$11.08	\$11.47	\$8.50	\$0.00	\$83.15
CARPENTERS -ZONE 2 (Eastern Massachusetts)	3/1/2027	\$53.35	\$11.08	\$11.47	\$8.50	\$0.00	\$84.40

Apprentice: CARPENTER							
Effective Date: 3/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$22.88	\$11.08	\$0.00	\$1.73	\$0.00	\$35.69
2	45.00	\$22.88	\$11.08	\$0.00	\$1.73	\$0.00	\$35.69
3	55.00	\$27.97	\$11.08	\$0.00	\$3.40	\$0.00	\$42.45
4	55.00	\$27.97	\$11.08	\$0.00	\$3.40	\$0.00	\$42.45
5	70.00	\$35.60	\$11.08	\$11.41	\$5.10	\$0.00	\$63.19
6	70.00	\$35.60	\$11.08	\$11.41	\$5.10	\$0.00	\$63.19
7	80.00	\$40.68	\$11.08	\$11.44	\$6.80	\$0.00	\$70.00
8	80.00	\$40.68	\$11.08	\$11.44	\$6.80	\$0.00	\$70.00

Apprentice: CARPENTER							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$23.45	\$11.08	\$0.00	\$1.73	\$0.00	\$36.26
2	45.00	\$23.45	\$11.08	\$0.00	\$1.73	\$0.00	\$36.26
3	55.00	\$28.66	\$11.08	\$0.00	\$3.40	\$0.00	\$43.14
4	55.00	\$28.66	\$11.08	\$0.00	\$3.40	\$0.00	\$43.14
5	70.00	\$36.47	\$11.08	\$11.41	\$5.10	\$0.00	\$64.06
6	70.00	\$36.47	\$11.08	\$11.41	\$5.10	\$0.00	\$64.06
7	80.00	\$41.68	\$11.08	\$11.44	\$6.80	\$0.00	\$71.00
8	80.00	\$41.68	\$11.08	\$11.44	\$6.80	\$0.00	\$71.00

Apprentice to Journeyworker Ratio: 1:5

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
CARPENTER WOOD FRAME	10/1/2025	\$27.37	\$7.38	\$4.47	\$1.00	\$0.00	\$40.22
CARPENTERS	10/1/2026	\$28.47	\$7.38	\$4.47	\$1.00	\$0.00	\$41.32
CARPENTERS-ZONE 3 (Wood Frame)							
All Aspects of New Wood Frame Work							

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80
2	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80
3	65.00	\$17.79	\$7.38	\$0.00	\$1.00	\$0.00	\$26.17
4	70.00	\$19.16	\$7.38	\$0.00	\$1.00	\$0.00	\$27.54
5	75.00	\$20.53	\$7.38	\$3.80	\$1.00	\$0.00	\$32.71
6	80.00	\$21.90	\$7.38	\$3.80	\$1.00	\$0.00	\$34.08
7	85.00	\$23.26	\$7.38	\$3.80	\$1.00	\$0.00	\$35.44
8	90.00	\$24.63	\$7.38	\$3.80	\$1.00	\$0.00	\$36.81

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
2	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
3	65.00	\$18.51	\$7.38	\$0.00	\$1.00	\$0.00	\$26.89
4	70.00	\$19.93	\$7.38	\$0.00	\$1.00	\$0.00	\$28.31
5	75.00	\$21.35	\$7.38	\$3.80	\$1.00	\$0.00	\$33.53
6	80.00	\$22.78	\$7.38	\$3.80	\$1.00	\$0.00	\$34.96
7	85.00	\$24.20	\$7.38	\$3.80	\$1.00	\$0.00	\$36.38
8	90.00	\$25.62	\$7.38	\$3.80	\$1.00	\$0.00	\$37.80

Apprentice to Journeyworker Ratio: 1:5

CEMENT MASONRY/PLASTERING	1/1/2026	\$53.24	\$13.35	\$16.43	\$7.78	\$1.80	\$92.60
PLASTERERS AND CEMENT MASONS LOCAL 534	7/1/2026	\$54.49	\$13.35	\$16.43	\$7.78	\$1.80	\$93.85
Plasterers and Cement Masons - Zone 1	1/1/2027	\$55.94	\$13.35	\$16.43	\$7.78	\$1.80	\$95.30
	7/1/2027	\$57.29	\$13.35	\$16.43	\$7.78	\$1.80	\$96.65
	1/1/2028	\$58.64	\$13.35	\$16.43	\$7.78	\$1.80	\$98.00

Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.62	\$13.35	\$16.43	\$0.00	\$0.00	\$56.40
2	60.00	\$31.94	\$13.35	\$16.43	\$7.78	\$1.80	\$71.30
3	65.00	\$34.61	\$13.35	\$16.43	\$7.78	\$1.80	\$73.97
4	70.00	\$37.27	\$13.35	\$16.43	\$7.78	\$1.80	\$76.63

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
5	75.00	\$39.93	\$13.35	\$16.43	\$7.78	\$1.80	\$79.29
6	80.00	\$42.59	\$13.35	\$16.43	\$7.78	\$1.80	\$81.95
7	90.00	\$47.92	\$13.35	\$16.43	\$0.00	\$0.00	\$77.70
Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$27.25	\$13.35	\$16.43	\$0.00	\$0.00	\$57.03
2	60.00	\$32.69	\$13.35	\$16.43	\$7.78	\$1.80	\$72.05
3	65.00	\$35.42	\$13.35	\$16.43	\$7.78	\$1.80	\$74.78
4	70.00	\$38.14	\$13.35	\$16.43	\$7.78	\$1.80	\$77.50
5	75.00	\$40.87	\$13.35	\$16.43	\$7.78	\$1.80	\$80.23
6	80.00	\$43.59	\$13.35	\$16.43	\$7.78	\$1.80	\$82.95
7	90.00	\$49.04	\$13.35	\$0.00	\$7.78	\$0.00	\$70.17
Apprentice to Journeyworker Ratio: 1:5							
CHAIN SAW OPERATOR	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES	12/1/2025	\$59.88	\$16.55	\$13.35	\$3.25	\$0.00	\$93.03
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$61.21	\$16.55	\$13.35	\$3.25	\$0.00	\$94.36
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$62.69	\$16.55	\$13.35	\$3.25	\$0.00	\$95.84
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
COMPRESSOR OPERATOR	12/1/2025	\$37.37	\$16.55	\$13.35	\$3.25	\$0.00	\$70.52
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$38.23	\$16.55	\$13.35	\$3.25	\$0.00	\$71.38
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$39.18	\$16.55	\$13.35	\$3.25	\$0.00	\$72.33
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
DELEADER (BRIDGE)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: DELEADER (BRIDGE)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Apprentice to Journeyworker Ratio: 1:1

DEMO: ADZEMAN LABORERS	12/1/2025	\$48.00	\$10.65	\$9.75	\$9.65	\$0.00	\$78.05
LABORERS - ZONE 2	6/1/2026	\$49.55	\$10.65	\$9.75	\$9.65	\$0.00	\$79.60
	12/7/2026	\$51.05	\$10.65	\$9.75	\$9.65	\$0.00	\$81.10
	6/7/2027	\$52.65	\$10.65	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.25	\$10.65	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.93	\$10.65	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.60	\$10.65	\$9.75	\$9.65	\$0.00	\$87.65

For apprentice rates see "Apprentice- LABORER"

DEMO: BACKHOE/LOADER/HAMMER OPERATOR LABORERS	12/1/2025	\$49.00	\$10.65	\$9.75	\$9.65	\$0.00	\$79.05
LABORERS - ZONE 2	6/1/2026	\$50.55	\$10.65	\$9.75	\$9.65	\$0.00	\$80.60
	12/7/2026	\$52.05	\$10.65	\$9.75	\$9.65	\$0.00	\$82.10
	6/7/2027	\$53.65	\$10.65	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.25	\$10.65	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.93	\$10.65	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.60	\$10.65	\$9.75	\$9.65	\$0.00	\$88.65

For apprentice rates see "Apprentice- LABORER"

DEMO: BURNERS LABORERS	12/1/2025	\$48.75	\$10.65	\$9.75	\$9.65	\$0.00	\$78.80
LABORERS - ZONE 2	6/1/2026	\$50.30	\$10.65	\$9.75	\$9.65	\$0.00	\$80.35
	12/7/2026	\$51.80	\$10.65	\$9.75	\$9.65	\$0.00	\$81.85
	6/7/2027	\$53.40	\$10.65	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$55.00	\$10.65	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.68	\$10.65	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.35	\$10.65	\$9.75	\$9.65	\$0.00	\$88.40

For apprentice rates see "Apprentice- LABORER"

DEMO: CONCRETE CUTTER/SAWYER LABORERS	12/1/2025	\$49.00	\$10.65	\$9.75	\$9.65	\$0.00	\$79.05
LABORERS - ZONE 2	6/1/2026	\$50.55	\$10.65	\$9.75	\$9.65	\$0.00	\$80.60
	12/7/2026	\$52.05	\$10.65	\$9.75	\$9.65	\$0.00	\$82.10
	6/7/2027	\$53.65	\$10.65	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.25	\$10.65	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.93	\$10.65	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.60	\$10.65	\$9.75	\$9.65	\$0.00	\$88.65

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"							
DEMO: JACKHAMMER OPERATOR	12/1/2025	\$48.75	\$10.65	\$9.75	\$9.65	\$0.00	\$78.80
LABORERS	6/1/2026	\$50.30	\$10.65	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS - ZONE 2	12/7/2026	\$51.80	\$10.65	\$9.75	\$9.65	\$0.00	\$81.85
	6/7/2027	\$53.40	\$10.65	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$55.00	\$10.65	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.68	\$10.65	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.35	\$10.65	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: WRECKING LABORER	12/1/2025	\$48.00	\$10.65	\$9.75	\$9.65	\$0.00	\$78.05
LABORERS	6/1/2026	\$49.55	\$10.65	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS - ZONE 2	12/7/2026	\$51.05	\$10.65	\$9.75	\$9.65	\$0.00	\$81.10
	6/7/2027	\$52.65	\$10.65	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.25	\$10.65	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.93	\$10.65	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.60	\$10.65	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							
DIRECTIONAL DRILL MACHINE OPERATOR	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
DIVER	8/1/2024	\$78.11	\$10.08	\$11.62	\$12.67	\$0.00	\$112.48
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Diver wage 70/80/90 2A \$69.83, 3A \$91.79,4A \$102.14 Total Rate							
DIVER TENDER	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Piledriver wage 70/80/90 2A \$54.20, 3A \$73.93,4A \$82.05 Total Rate							
DIVER TENDER (EFFLUENT)	8/1/2024	\$83.69	\$10.08	\$11.62	\$12.67	\$0.00	\$118.06
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DIVER/SLURRY (EFFLUENT)	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DRAWBRIDGE OPERATOR (Construction)	7/1/2020	\$26.77	\$6.67	\$3.93	\$0.00	\$0.16	\$37.53
DRAWBRIDGE - SEIU LOCAL 888							
DRAWBRIDGE - SEIU LOCAL 888							
ELECTRICIAN	9/1/2025	\$52.25	\$12.25	\$14.86	\$3.75	\$0.00	\$83.11
ELECTRICIANS LOCAL 223	9/1/2026	\$54.72	\$12.50	\$15.56	\$4.00	\$0.00	\$86.78
ELECTRICIANS LOCAL 223							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
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Apprentice: ELECTRICIAN							
Effective Date: 9/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$20.90	\$12.25	\$0.63	\$0.00	\$0.00	\$33.78
2	45.00	\$23.51	\$12.25	\$0.71	\$0.00	\$0.00	\$36.47
3	50.00	\$26.13	\$12.25	\$0.78	\$0.00	\$0.00	\$39.16
4	55.00	\$28.74	\$12.25	\$6.61	\$2.50	\$0.00	\$50.10
5	60.00	\$31.35	\$12.25	\$7.21	\$2.50	\$0.00	\$53.31
6	65.00	\$33.96	\$12.25	\$7.82	\$2.50	\$0.00	\$56.53
7	70.00	\$36.58	\$12.25	\$8.41	\$2.50	\$0.00	\$59.74
8	75.00	\$39.19	\$12.25	\$9.02	\$2.50	\$0.00	\$62.96

Apprentice: ELECTRICIAN							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$21.89	\$12.50	\$0.66	\$0.00	\$0.00	\$35.05
2	45.00	\$24.62	\$12.50	\$0.74	\$0.00	\$0.00	\$37.86
3	50.00	\$27.36	\$12.50	\$0.82	\$0.00	\$0.00	\$40.68
4	55.00	\$30.10	\$12.50	\$6.92	\$2.75	\$0.00	\$52.27
5	60.00	\$32.83	\$12.50	\$7.54	\$2.75	\$0.00	\$55.62
6	65.00	\$35.57	\$12.50	\$8.18	\$2.75	\$0.00	\$59.00
7	70.00	\$38.30	\$12.50	\$8.81	\$2.75	\$0.00	\$62.36
8	75.00	\$41.04	\$12.50	\$9.43	\$2.75	\$0.00	\$65.72

Apprentice to Journeyworker Ratio: 2:3

ELEVATOR CONSTRUCTOR	1/1/2026	\$77.26	\$16.38	\$11.06	\$10.70	\$0.00	\$115.40
ELEVATOR CONSTRUCTORS LOCAL 4	1/1/2027	\$80.55	\$16.48	\$11.16	\$11.00	\$0.00	\$119.19
ELEVATOR CONSTRUCTORS LOCAL 4							

Apprentice: ELEVATOR CONSTRUCTOR							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$38.63	\$0.00	\$0.00	\$0.00	\$0.00	\$38.63
2	55.00	\$42.49	\$16.38	\$11.06	\$10.70	\$0.00	\$80.63
3	65.00	\$50.22	\$16.38	\$11.06	\$10.70	\$0.00	\$88.36
4	70.00	\$54.08	\$16.38	\$11.06	\$10.70	\$0.00	\$92.22
5	80.00	\$61.81	\$16.38	\$11.06	\$10.70	\$0.00	\$99.95

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: ELEVATOR CONSTRUCTOR							
Effective Date: 1/1/2027							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$40.28	\$0.00	\$0.00	\$0.00	\$0.00	\$40.28
2	55.00	\$44.30	\$16.48	\$11.16	\$11.00	\$0.00	\$82.94
3	65.00	\$52.36	\$16.48	\$11.16	\$11.00	\$0.00	\$91.00
4	70.00	\$56.39	\$16.48	\$11.16	\$11.00	\$0.00	\$95.03
5	80.00	\$64.44	\$16.48	\$11.16	\$11.00	\$0.00	\$103.08
Apprentice to Journeyworker Ratio: 1:1							
ELEVATOR CONSTRUCTOR HELPER	1/1/2026	\$54.08	\$16.38	\$11.06	\$10.07	\$0.00	\$91.59
ELEVATOR CONSTRUCTORS LOCAL 4	1/1/2027	\$56.39	\$16.48	\$11.16	\$11.00	\$0.00	\$95.03
For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"							
FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY)	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY	11/1/2025	\$53.56	\$16.05	\$13.25	\$3.25	\$0.00	\$86.11
OPERATING ENGINEERS LOCAL 4	5/1/2026	\$55.00	\$16.05	\$13.25	\$3.25	\$0.00	\$87.55
OPERATING ENGINEERS LOCAL 4	11/1/2026	\$56.29	\$16.05	\$13.25	\$3.25	\$0.00	\$88.84
	5/1/2027	\$57.72	\$16.05	\$13.25	\$3.25	\$0.00	\$90.27
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY	11/1/2025	\$55.17	\$16.05	\$13.25	\$3.25	\$0.00	\$87.72
OPERATING ENGINEERS LOCAL 4	5/1/2026	\$56.62	\$16.05	\$13.25	\$3.25	\$0.00	\$89.17
OPERATING ENGINEERS LOCAL 4	11/1/2026	\$57.92	\$16.05	\$13.25	\$3.25	\$0.00	\$90.47
	5/1/2027	\$59.37	\$16.05	\$13.25	\$3.25	\$0.00	\$91.92
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY	11/1/2025	\$26.03	\$16.05	\$13.25	\$3.25	\$0.00	\$58.58
OPERATING ENGINEERS LOCAL 4	5/1/2026	\$26.88	\$16.05	\$13.25	\$3.25	\$0.00	\$59.43
OPERATING ENGINEERS LOCAL 4	11/1/2026	\$27.64	\$16.05	\$13.25	\$3.25	\$0.00	\$60.19
	5/1/2027	\$28.49	\$16.05	\$13.25	\$3.25	\$0.00	\$61.04
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
FIRE ALARM INSTALLER	9/1/2025	\$52.25	\$12.25	\$14.86	\$3.75	\$0.00	\$83.11
ELECTRICIANS LOCAL 223	9/1/2026	\$54.72	\$12.50	\$15.56	\$4.00	\$0.00	\$86.78
ELECTRICIANS LOCAL 223							
For apprentice rates see "Apprentice- ELECTRICIAN"							
FIRE ALARM REPAIR / MAINTENANCE	9/1/2025	\$52.25	\$12.25	\$14.86	\$3.75	\$0.00	\$83.11
/ COMMISSIONING	9/1/2026	\$54.72	\$12.50	\$15.56	\$4.00	\$0.00	\$86.78
ELECTRICIANS LOCAL 223							
ELECTRICIANS LOCAL 223							
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
FIREMAN (ASST. ENGINEER)	12/1/2025	\$47.09	\$16.55	\$13.35	\$3.25	\$0.00	\$80.24
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$48.15	\$16.55	\$13.35	\$3.25	\$0.00	\$81.30
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$49.33	\$16.55	\$13.35	\$3.25	\$0.00	\$82.48

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FLAGGER & SIGNALER (HEAVY & HIGHWAY)	12/1/2025	\$28.09	\$10.65	\$9.75	\$9.21	\$0.00	\$57.70
LABORERS	6/1/2026	\$29.21	\$10.65	\$9.75	\$9.21	\$0.00	\$58.82
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$29.21	\$10.65	\$9.75	\$9.21	\$0.00	\$58.82

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FLOORCOVERER	3/1/2024	\$48.93	\$10.33	\$11.47	\$8.80	\$0.00	\$79.53
FLOORCOVERERS LOCAL 2168							
FLOORCOVERERS LOCAL 2168 ZONE II							

Apprentice: FLOORCOVERER							
Effective Date: 3/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.47	\$10.33	\$0.00	\$1.76	\$0.00	\$36.56
2	55.00	\$26.91	\$10.33	\$0.00	\$1.76	\$0.00	\$39.00
3	60.00	\$29.36	\$10.33	\$0.00	\$3.52	\$0.00	\$43.21
4	65.00	\$31.80	\$10.33	\$0.00	\$3.52	\$0.00	\$45.65
5	70.00	\$34.25	\$10.33	\$11.47	\$5.28	\$0.00	\$61.33
6	75.00	\$36.70	\$10.33	\$11.47	\$5.28	\$0.00	\$63.78
7	80.00	\$39.14	\$10.33	\$11.47	\$7.04	\$0.00	\$67.98
8	85.00	\$41.59	\$10.33	\$11.47	\$7.04	\$0.00	\$70.43

Apprentice Notes	
Steps are 750 hrs.	

Apprentice to Journeyworker Ratio: 1:1

FORK LIFT/CHERRY PICKER	12/1/2025	\$58.68	\$16.55	\$13.35	\$3.25	\$0.00	\$91.83
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.98	\$16.55	\$13.35	\$3.25	\$0.00	\$93.13
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$61.43	\$16.55	\$13.35	\$3.25	\$0.00	\$94.58

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATOR/LIGHTING PLANT/HEATERS	12/1/2025	\$37.37	\$16.55	\$13.35	\$3.25	\$0.00	\$70.52
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$38.23	\$16.55	\$13.35	\$3.25	\$0.00	\$71.38
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$39.18	\$16.55	\$13.35	\$3.25	\$0.00	\$72.33

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)	6/1/2025	\$43.13	\$10.80	\$8.25	\$5.50	\$0.00	\$67.68
GLAZIERS LOCAL 1333	6/1/2026	\$44.73	\$11.20	\$8.40	\$6.05	\$0.00	\$70.38
GLAZIERS LOCAL 1333	6/1/2027	\$46.73	\$11.60	\$8.55	\$6.60	\$0.00	\$73.48
	6/1/2028	\$48.73	\$12.00	\$8.70	\$7.20	\$0.00	\$76.63

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
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Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)							
Effective Date: 6/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$21.57	\$10.80	\$8.25	\$5.50	\$0.00	\$46.12
2	56.25	\$24.26	\$10.80	\$8.25	\$5.50	\$0.00	\$48.81
3	62.50	\$26.96	\$10.80	\$8.25	\$5.50	\$0.00	\$51.51
4	68.75	\$29.65	\$10.80	\$8.25	\$5.50	\$0.00	\$54.20
5	75.00	\$32.35	\$10.80	\$8.25	\$5.50	\$0.00	\$56.90
6	81.25	\$35.04	\$10.80	\$8.25	\$5.50	\$0.00	\$59.59
7	87.50	\$37.74	\$10.80	\$8.25	\$5.50	\$0.00	\$62.29
8	93.75	\$40.43	\$10.80	\$8.25	\$5.50	\$0.00	\$64.98

Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$22.37	\$11.20	\$8.40	\$6.05	\$0.00	\$48.02
2	56.25	\$25.16	\$11.20	\$8.40	\$6.05	\$0.00	\$50.81
3	62.50	\$27.96	\$11.20	\$8.40	\$6.05	\$0.00	\$53.61
4	68.75	\$30.75	\$11.20	\$8.40	\$6.05	\$0.00	\$56.40
5	75.00	\$33.55	\$11.20	\$8.40	\$6.05	\$0.00	\$59.20
6	81.25	\$36.34	\$11.20	\$8.40	\$6.05	\$0.00	\$61.99
7	87.50	\$39.14	\$11.20	\$8.40	\$6.05	\$0.00	\$64.79
8	93.75	\$41.93	\$11.20	\$8.40	\$6.05	\$0.00	\$67.58

Apprentice to Journeyworker Ratio: 3:1

HOISTING ENGINEER/CRANES/GRADALLS	12/1/2025	\$58.68	\$16.55	\$13.35	\$3.25	\$0.00	\$91.83
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.98	\$16.55	\$13.35	\$3.25	\$0.00	\$93.13
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$61.43	\$16.55	\$13.35	\$3.25	\$0.00	\$94.58

Apprentice: HOISTING ENGINEER/CRANES/GRADALLS							
Effective Date: 12/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	55.00	\$32.88	\$0.00	\$0.00	\$0.00	\$0.00	\$32.88
2	60.00	\$35.87	\$16.05	\$13.25	\$3.25	\$0.00	\$68.42
3	65.00	\$38.86	\$16.05	\$13.25	\$3.25	\$0.00	\$71.41
4	70.00	\$41.85	\$16.05	\$13.25	\$3.25	\$0.00	\$74.40
5	75.00	\$44.84	\$16.05	\$13.25	\$3.25	\$0.00	\$77.39
6	80.00	\$47.82	\$16.05	\$13.25	\$3.25	\$0.00	\$80.37
7	85.00	\$50.81	\$16.05	\$13.25	\$3.25	\$0.00	\$83.36
8	90.00	\$53.80	\$16.05	\$13.25	\$3.25	\$0.00	\$86.35

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: HOISTING ENGINEER/CRANES/GRADALLS							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	55.00	\$32.99	\$0.00	\$0.00	\$0.00	\$0.00	\$32.99
2	60.00	\$35.99	\$16.55	\$13.35	\$3.25	\$0.00	\$69.14
3	65.00	\$38.99	\$16.55	\$13.35	\$3.25	\$0.00	\$72.14
4	70.00	\$41.99	\$16.55	\$13.35	\$3.25	\$0.00	\$75.14
5	75.00	\$44.99	\$16.55	\$13.35	\$3.25	\$0.00	\$78.14
6	80.00	\$47.98	\$16.55	\$13.35	\$3.25	\$0.00	\$81.13
7	85.00	\$50.98	\$16.55	\$13.35	\$3.25	\$0.00	\$84.13
8	90.00	\$53.98	\$16.55	\$13.35	\$3.25	\$0.00	\$87.13
Apprentice to Journeyworker Ratio: 1:6							
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HVAC (DUCTWORK)	10/1/2025	\$44.05	\$14.91	\$13.35	\$6.15	\$2.24	\$80.70
SHEETMETAL WORKERS LOCAL 17	4/1/2026	\$45.55	\$14.91	\$13.35	\$6.15	\$2.24	\$82.20
SHEETMETAL WORKERS LOCAL 17 - B							
For apprentice rates see "Apprentice- SHEET METAL WORKER"							
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HVAC (ELECTRICAL CONTROLS)	9/1/2025	\$52.25	\$12.25	\$14.86	\$3.75	\$0.00	\$83.11
ELECTRICIANS LOCAL 223	9/1/2026	\$54.72	\$12.50	\$15.56	\$4.00	\$0.00	\$86.78
ELECTRICIANS LOCAL 223							
For apprentice rates see "Apprentice- ELECTRICIAN"							
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HVAC (TESTING AND BALANCING - AIR)	10/1/2025	\$44.05	\$14.91	\$13.35	\$6.15	\$2.24	\$80.70
SHEETMETAL WORKERS LOCAL 17	4/1/2026	\$45.55	\$14.91	\$13.35	\$6.15	\$2.24	\$82.20
SHEETMETAL WORKERS LOCAL 17 - B							
For apprentice rates see "Apprentice- SHEET METAL WORKER"							
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HVAC (TESTING AND BALANCING -WATER)	8/25/2025	\$55.24	\$10.80	\$16.80	\$4.60	\$0.00	\$87.44
PLUMBERS & PIPEFITTERS LOCAL 51							
PLUMBERS & PIPEFITTERS LOCAL 51							
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							
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HVAC MECHANIC	8/25/2025	\$55.24	\$10.80	\$16.80	\$4.60	\$0.00	\$87.44
PLUMBERS & PIPEFITTERS LOCAL 51							
PLUMBERS & PIPEFITTERS LOCAL 51							
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							
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HYDRAULIC DRILLS	12/1/2025	\$41.22	\$10.65	\$9.75	\$9.11	\$0.00	\$70.73
LABORERS	6/1/2026	\$42.66	\$10.65	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$44.10	\$10.65	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.55	\$10.65	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$47.00	\$10.65	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.50	\$10.65	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$50.00	\$10.65	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
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HYDRAULIC DRILLS (HEAVY & HIGHWAY)	12/1/2025	\$41.22	\$10.65	\$9.75	\$9.21	\$0.00	\$70.83
LABORERS	6/1/2026	\$42.66	\$10.65	\$9.75	\$9.21	\$0.00	\$72.27

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$44.10	\$10.65	\$9.75	\$9.21	\$0.00	\$73.71

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

INSULATOR (PIPES & TANKS)	9/1/2025	\$60.34	\$14.75	\$9.52	\$10.09	\$0.00	\$94.70
HEAT & FROST INSULATORS LOCAL 6	9/1/2026	\$63.76	\$14.75	\$9.52	\$10.09	\$0.00	\$98.12
HEAT & FROST INSULATORS LOCAL 6 (BOSTON)							

Apprentice: INSULATOR (PIPES & TANKS)							
Effective Date: 9/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$30.17	\$14.75	\$9.27	\$5.05	\$0.00	\$59.24
2	60.00	\$36.20	\$14.75	\$9.32	\$6.05	\$0.00	\$66.32
3	70.00	\$42.24	\$14.75	\$9.37	\$7.06	\$0.00	\$73.42
4	80.00	\$48.27	\$14.75	\$9.42	\$8.07	\$0.00	\$80.51

Apprentice: INSULATOR (PIPES & TANKS)							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$31.88	\$14.75	\$9.27	\$5.05	\$0.00	\$60.95
2	60.00	\$38.26	\$14.75	\$9.32	\$6.05	\$0.00	\$68.38
3	70.00	\$44.63	\$14.75	\$9.37	\$7.06	\$0.00	\$75.81
4	80.00	\$51.01	\$14.75	\$9.42	\$8.07	\$0.00	\$83.25

Apprentice to Journeyworker Ratio: 1:4

IRONWORKER/WELDER	3/16/2021	\$42.46	\$7.70	\$12.10	\$5.00	\$0.00	\$67.26
IRONWORKERS LOCAL 37							
IRONWORKERS LOCAL 37							

Apprentice: IRONWORKER/WELDER							
Effective Date: 3/16/2021							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	70.00	\$29.72	\$7.70	\$12.10	\$5.00	\$0.00	\$54.52
2	75.00	\$31.85	\$7.70	\$12.10	\$5.00	\$0.00	\$56.65
3	80.00	\$33.97	\$7.70	\$12.10	\$5.00	\$0.00	\$58.77
4	85.00	\$36.09	\$7.70	\$12.10	\$5.00	\$0.00	\$60.89
5	90.00	\$38.21	\$7.70	\$12.10	\$5.00	\$0.00	\$63.01
6	95.00	\$40.34	\$7.70	\$12.10	\$5.00	\$0.00	\$65.14

Apprentice to Journeyworker Ratio: 1:4

JACKHAMMER & PAVING BREAKER OPERATOR	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

LABORER	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.11	\$0.00	\$69.98
LABORERS	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.80	\$10.65	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.25	\$10.65	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.75	\$10.65	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.25	\$10.65	\$9.75	\$9.11	\$0.00	\$78.76

Apprentice: LABORER							
Effective Date: 12/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.03	\$10.15	\$9.50	\$9.11	\$0.00	\$53.79
2	70.00	\$29.20	\$10.15	\$9.50	\$9.11	\$0.00	\$57.96
3	80.00	\$33.38	\$10.15	\$9.50	\$9.11	\$0.00	\$62.14
4	90.00	\$37.55	\$10.15	\$9.50	\$9.11	\$0.00	\$66.31

Apprentice: LABORER							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.15	\$10.65	\$9.75	\$9.11	\$0.00	\$54.66
2	70.00	\$29.34	\$10.65	\$9.75	\$9.11	\$0.00	\$58.85
3	80.00	\$33.53	\$10.65	\$9.75	\$9.11	\$0.00	\$63.04
4	90.00	\$37.72	\$10.65	\$9.75	\$9.11	\$0.00	\$67.23

Apprentice to Journeyworker Ratio: 1:5

LABORER (HEAVY & HIGHWAY)	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.21	\$0.00	\$70.08
LABORERS	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.21	\$0.00	\$71.52
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.21	\$0.00	\$72.96

Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 12/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.03	\$10.15	\$9.50	\$9.21	\$0.00	\$53.89
2	70.00	\$29.20	\$10.15	\$9.50	\$9.21	\$0.00	\$58.06
3	80.00	\$33.38	\$10.15	\$9.50	\$9.21	\$0.00	\$62.24
4	90.00	\$37.55	\$10.15	\$9.50	\$9.21	\$0.00	\$66.41

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.15	\$10.65	\$9.75	\$9.21	\$0.00	\$54.76
2	70.00	\$29.34	\$10.65	\$9.75	\$9.21	\$0.00	\$58.95
3	80.00	\$33.53	\$10.65	\$9.75	\$9.21	\$0.00	\$63.14
4	90.00	\$37.72	\$10.65	\$9.75	\$9.10	\$0.00	\$67.22
Apprentice to Journeyworker Ratio: 1:5							
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LABORER: CARPENTER TENDER LABORERS	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.11	\$0.00	\$69.98
LABORERS - ZONE 2	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.11	\$0.00	\$71.42
	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.80	\$10.65	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.25	\$10.65	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.75	\$10.65	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.25	\$10.65	\$9.75	\$9.11	\$0.00	\$78.76
For apprentice rates see "Apprentice- LABORER"							
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LABORER: CEMENT FINISHER TENDER LABORERS	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.11	\$0.00	\$69.98
LABORERS - ZONE 2	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.11	\$0.00	\$71.42
	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.80	\$10.65	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.25	\$10.65	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.75	\$10.65	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.25	\$10.65	\$9.75	\$9.11	\$0.00	\$78.76
For apprentice rates see "Apprentice- LABORER"							
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LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS	12/1/2025	\$40.56	\$10.65	\$9.75	\$9.65	\$0.00	\$70.61
LABORERS - ZONE 2	6/1/2026	\$42.00	\$10.65	\$9.75	\$9.65	\$0.00	\$72.05
	12/7/2026	\$43.44	\$10.65	\$9.75	\$9.65	\$0.00	\$73.49
	6/7/2027	\$44.89	\$10.65	\$9.75	\$9.65	\$0.00	\$74.94
	12/6/2027	\$46.34	\$10.65	\$9.75	\$9.65	\$0.00	\$76.39
	6/5/2028	\$47.84	\$10.65	\$9.75	\$9.65	\$0.00	\$77.89
	12/4/2028	\$49.34	\$10.65	\$9.75	\$9.65	\$0.00	\$79.39
For apprentice rates see "Apprentice- LABORER"							
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LABORER: MASON TENDER LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS - ZONE 2	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
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LABORER: MASON TENDER (HEAVY & HIGHWAY) LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33
	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
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LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21
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For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

LABORER: MULTI-TRADE TENDER LABORERS	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.11	\$0.00	\$69.98
LABORERS - ZONE 2	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.11	\$0.00	\$71.42
	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.80	\$10.65	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.25	\$10.65	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.75	\$10.65	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.25	\$10.65	\$9.75	\$9.11	\$0.00	\$78.76

For apprentice rates see "Apprentice- LABORER"

LABORER: TREE REMOVER LABORERS	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.11	\$0.00	\$69.98
LABORERS - ZONE 2	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.11	\$0.00	\$71.42
	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.80	\$10.65	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.25	\$10.65	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.75	\$10.65	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.25	\$10.65	\$9.75	\$9.11	\$0.00	\$78.76

This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"

LASER BEAM OPERATOR LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS - ZONE 2	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

LASER BEAM OPERATOR (HEAVY & HIGHWAY) LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77
	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

MARBLE & TILE FINISHERS BRICKLAYERS LOCAL 3	2/1/2026	\$52.08	\$12.84	\$15.57	\$5.78	\$0.00	\$86.27
BRICKLAYERS LOCAL 3 - MARBLE & TILE	8/1/2026	\$53.84	\$12.84	\$15.57	\$5.78	\$0.00	\$88.03
	2/1/2027	\$54.96	\$12.84	\$15.57	\$5.78	\$0.00	\$89.15

Apprentice: MARBLE & TILE FINISHERS							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.04	\$12.84	\$15.57	\$5.78	\$0.00	\$60.23
2	60.00	\$31.25	\$12.84	\$15.57	\$5.78	\$0.00	\$65.44
3	70.00	\$36.46	\$12.84	\$15.57	\$5.78	\$0.00	\$70.65
4	80.00	\$41.66	\$12.84	\$15.57	\$5.78	\$0.00	\$75.85
5	90.00	\$46.87	\$12.84	\$15.57	\$5.78	\$0.00	\$81.06

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: MARBLE & TILE FINISHERS							
Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.92	\$12.84	\$15.57	\$5.78	\$0.00	\$61.11
2	60.00	\$32.30	\$12.84	\$15.57	\$5.78	\$0.00	\$66.49
3	70.00	\$37.69	\$12.84	\$15.57	\$5.78	\$0.00	\$71.88
4	80.00	\$43.07	\$12.84	\$15.57	\$5.78	\$0.00	\$77.26
5	90.00	\$48.46	\$12.84	\$15.57	\$5.78	\$0.00	\$82.65
Apprentice to Journeyworker Ratio: 1:5							
MARBLE MASONS,TILELAYERS & TERRAZZO MECH	2/1/2026	\$67.97	\$12.84	\$15.57	\$7.99	\$0.00	\$104.37
BRICKLAYERS LOCAL 3	8/1/2026	\$70.17	\$12.84	\$15.57	\$7.99	\$0.00	\$106.57
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$71.57	\$12.84	\$15.57	\$7.99	\$0.00	\$107.97

Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.99	\$12.84	\$15.57	\$7.99	\$0.00	\$70.39
2	60.00	\$40.78	\$12.84	\$15.57	\$7.99	\$0.00	\$77.18
3	70.00	\$47.58	\$12.84	\$15.57	\$7.99	\$0.00	\$83.98
4	80.00	\$54.38	\$12.84	\$15.57	\$7.99	\$0.00	\$90.78
5	90.00	\$61.17	\$12.84	\$15.57	\$7.99	\$0.00	\$97.57

Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH							
Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$35.09	\$12.84	\$15.57	\$7.99	\$0.00	\$71.49
2	60.00	\$42.10	\$12.84	\$15.57	\$7.99	\$0.00	\$78.50
3	70.00	\$49.12	\$12.84	\$15.57	\$7.99	\$0.00	\$85.52
4	80.00	\$56.14	\$12.84	\$15.57	\$7.99	\$0.00	\$92.54
5	90.00	\$63.15	\$12.84	\$15.57	\$7.99	\$0.00	\$99.55

Apprentice to Journeyworker Ratio: 1:5

MECH. SWEEPER OPERATOR (ON CONST. SITES)	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANICS MAINTENANCE	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
MILLWRIGHT (Zone 2)	1/5/2026	\$46.86	\$10.58	\$11.47	\$10.00	\$0.00	\$78.91
MILLWRIGHTS LOCAL 1121							
MILLWRIGHTS LOCAL 1121 - Zone 2							

Apprentice: MILLWRIGHT (Zone 2)							
Effective Date: 1/5/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	55.00	\$25.77	\$10.58	\$0.00	\$5.50	\$0.00	\$41.85
2	65.00	\$30.46	\$10.58	\$0.00	\$6.50	\$0.00	\$47.54
3	75.00	\$35.15	\$10.58	\$11.47	\$7.50	\$0.00	\$64.70
4	85.00	\$39.83	\$10.58	\$11.47	\$8.50	\$0.00	\$70.38

Apprentice Notes

Step 1&2 Appr. indentured after 1/6/2020 receive no pension,

Apprentice to Journeyworker Ratio: 1:4

MORTAR MIXER LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS - ZONE 2	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

OILER (OTHER THAN TRUCK CRANES,GRADALLS)	12/1/2025	\$25.08	\$16.55	\$13.35	\$3.25	\$0.00	\$58.23
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$25.67	\$16.55	\$13.35	\$3.25	\$0.00	\$58.82
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$26.34	\$16.55	\$13.35	\$3.25	\$0.00	\$59.49

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OILER (TRUCK CRANES, GRADALLS)	12/1/2025	\$31.05	\$16.55	\$13.35	\$3.25	\$0.00	\$64.20
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$31.77	\$16.55	\$13.35	\$3.25	\$0.00	\$64.92
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$32.57	\$16.55	\$13.35	\$3.25	\$0.00	\$65.72

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS II	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PAINTER (BRIDGES/TANKS)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.50	\$0.00	\$94.41
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER (BRIDGES/TANKS)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	1/1/2026	\$50.46	\$10.35	\$12.00	\$12.60	\$0.00	\$85.41
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$25.23	\$10.35	\$0.00	\$0.00	\$0.00	\$35.58
2	55.00	\$27.75	\$10.35	\$0.00	\$6.93	\$0.00	\$45.03
3	60.00	\$30.28	\$10.35	\$0.00	\$7.56	\$0.00	\$48.19
4	65.00	\$32.80	\$10.35	\$0.00	\$8.19	\$0.00	\$51.34
5	70.00	\$35.32	\$10.35	\$12.00	\$8.82	\$0.00	\$66.49
6	75.00	\$37.85	\$10.35	\$12.00	\$9.45	\$0.00	\$69.65
7	80.00	\$40.37	\$10.35	\$12.00	\$10.08	\$0.00	\$72.80
8	90.00	\$45.41	\$10.35	\$12.00	\$11.34	\$0.00	\$79.10

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	1/1/2026	\$48.52	\$10.35	\$12.00	\$12.60	\$0.00	\$83.47
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER (SPRAY OR SANDBLAST, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.26	\$10.35	\$0.00	\$0.00	\$0.00	\$34.61
2	55.00	\$26.69	\$10.35	\$0.00	\$6.93	\$0.00	\$43.97
3	60.00	\$29.11	\$10.35	\$0.00	\$7.56	\$0.00	\$47.02

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
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Apprentice: PAINTER (SPRAY OR SANDBLAST, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4	65.00	\$31.54	\$10.35	\$0.00	\$8.19	\$0.00	\$50.08
5	70.00	\$33.96	\$10.35	\$12.00	\$8.82	\$0.00	\$65.13
6	75.00	\$36.39	\$10.35	\$12.00	\$9.45	\$0.00	\$68.19
7	80.00	\$38.82	\$10.35	\$12.00	\$10.08	\$0.00	\$71.25
8	90.00	\$43.67	\$10.35	\$12.00	\$11.34	\$0.00	\$77.36

Apprentice to Journeyworker Ratio: 1:1

PAINTER / TAPER (BRUSH, NEW) *	1/1/2026	\$49.06	\$10.35	\$12.00	\$12.60	\$0.00	\$84.01
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* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.
PAINTERS LOCAL 35
PAINTERS LOCAL 35 - ZONE 2

Apprentice: PAINTER / TAPER (BRUSH, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88
2	55.00	\$26.98	\$10.35	\$0.00	\$6.93	\$0.00	\$44.26
3	60.00	\$29.44	\$10.35	\$0.00	\$7.56	\$0.00	\$47.35
4	65.00	\$31.89	\$10.35	\$0.00	\$8.19	\$0.00	\$50.43
5	70.00	\$34.34	\$10.35	\$12.00	\$8.82	\$0.00	\$65.51
6	75.00	\$36.80	\$10.35	\$12.00	\$9.45	\$0.00	\$68.60
7	80.00	\$39.25	\$10.35	\$12.00	\$10.08	\$0.00	\$71.68
8	90.00	\$44.15	\$10.35	\$12.00	\$11.34	\$0.00	\$77.84

Apprentice to Journeyworker Ratio: 1:1

PAINTER / TAPER (BRUSH, REPAINT)	1/1/2026	\$47.12	\$10.35	\$12.00	\$12.60	\$0.00	\$82.07
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PAINTERS LOCAL 35
PAINTERS LOCAL 35 - ZONE 2

Apprentice: PAINTER / TAPER (BRUSH, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.56	\$10.35	\$0.00	\$0.00	\$0.00	\$33.91
2	55.00	\$25.92	\$10.35	\$0.00	\$6.93	\$0.00	\$43.20
3	60.00	\$28.27	\$10.35	\$0.00	\$7.56	\$0.00	\$46.18
4	65.00	\$30.63	\$10.35	\$0.00	\$8.19	\$0.00	\$49.17
5	70.00	\$32.98	\$10.35	\$12.00	\$8.82	\$0.00	\$64.15
6	75.00	\$35.34	\$10.35	\$12.00	\$9.45	\$0.00	\$67.14
7	80.00	\$37.70	\$10.35	\$12.00	\$10.08	\$0.00	\$70.13

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER / TAPER (BRUSH, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
8	90.00	\$42.41	\$10.35	\$12.00	\$11.34	\$0.00	\$76.10
Apprentice to Journeyworker Ratio: 1:1							
PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY) LABORERS	12/1/2025	\$40.47	\$10.65	\$9.75	\$9.21	\$0.00	\$70.08
LABORERS	6/1/2026	\$41.91	\$10.65	\$9.75	\$9.21	\$0.00	\$71.52
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.35	\$10.65	\$9.75	\$9.21	\$0.00	\$72.96
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
PANEL & PICKUP TRUCKS DRIVER	1/1/2026	\$40.78	\$16.17	\$21.78	\$0.00	\$0.00	\$78.73
TEAMSTERS JOINT COUNCIL NO. 10	6/1/2026	\$41.78	\$16.17	\$21.78	\$0.00	\$0.00	\$79.73
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/1/2026	\$41.78	\$16.17	\$23.52	\$0.00	\$0.00	\$81.47
	1/1/2027	\$41.78	\$16.77	\$23.52	\$0.00	\$0.00	\$82.07
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
PILE DRIVER	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
Apprentice: PILE DRIVER							
Effective Date: 8/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$23.39	\$10.08	\$0.00	\$2.53	\$0.00	\$36.00
2	55.00	\$28.58	\$10.08	\$0.00	\$5.07	\$0.00	\$43.73
3	70.00	\$36.38	\$10.08	\$11.62	\$7.60	\$0.00	\$65.68
4	80.00	\$41.58	\$10.08	\$11.62	\$10.14	\$0.00	\$73.42
Apprentice to Journeyworker Ratio: 1:5							
PIPELAYER LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
PIPELAYER (HEAVY & HIGHWAY) LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

PLUMBER & PIPEFITTER	8/25/2025	\$55.24	\$10.80	\$16.80	\$4.60	\$0.00	\$87.44
PLUMBERS & PIPEFITTERS LOCAL 51							
PLUMBERS & PIPEFITTERS LOCAL 51							

Apprentice: PLUMBER & PIPEFITTER							
Effective Date: 8/25/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$22.10	\$10.15	\$2.50	\$0.00	\$0.00	\$34.75
2	50.00	\$27.62	\$10.15	\$2.50	\$0.00	\$0.00	\$40.27
3	60.00	\$33.14	\$10.15	\$8.40	\$0.50	\$0.00	\$52.19
4	70.00	\$38.67	\$10.15	\$13.44	\$0.80	\$0.00	\$63.06
5	80.00	\$44.19	\$10.15	\$16.80	\$1.00	\$0.00	\$72.14

Apprentice to Journeyworker Ratio: 1:3

PNEUMATIC CONTROLS (TEMP.)	8/25/2025	\$55.24	\$10.80	\$16.80	\$4.60	\$0.00	\$87.44
PLUMBERS & PIPEFITTERS LOCAL 51							
PLUMBERS & PIPEFITTERS LOCAL 51							

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY)	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

POWDERMAN & BLASTER	12/1/2025	\$41.47	\$10.65	\$9.75	\$9.11	\$0.00	\$70.98
LABORERS	6/1/2026	\$42.91	\$10.65	\$9.75	\$9.11	\$0.00	\$72.42
LABORERS - ZONE 2	12/1/2026	\$44.35	\$10.65	\$9.75	\$9.11	\$0.00	\$73.86
	6/1/2027	\$45.80	\$10.65	\$9.75	\$9.11	\$0.00	\$75.31
	12/1/2027	\$47.25	\$10.65	\$9.75	\$9.11	\$0.00	\$76.76
	6/1/2028	\$48.75	\$10.65	\$9.75	\$9.11	\$0.00	\$78.26
	12/1/2028	\$50.25	\$10.65	\$9.75	\$9.11	\$0.00	\$79.76

For apprentice rates see "Apprentice- LABORER"

POWDERMAN & BLASTER (HEAVY & HIGHWAY)	12/1/2025	\$41.47	\$10.65	\$9.75	\$9.21	\$0.00	\$71.08
LABORERS	6/1/2026	\$42.91	\$10.65	\$9.75	\$9.21	\$0.00	\$72.52
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$44.35	\$10.65	\$9.75	\$9.21	\$0.00	\$73.96

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)							
POWER SHOVEL/DERRICK/TRENCHING MACHINE	12/1/2025	\$58.68	\$16.55	\$13.35	\$3.25	\$0.00	\$91.83
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.98	\$16.55	\$13.35	\$3.25	\$0.00	\$93.13
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$61.43	\$16.55	\$13.35	\$3.25	\$0.00	\$94.58
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PUMP OPERATOR (CONCRETE)	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PUMP OPERATOR (DEWATERING, OTHER)	12/1/2025	\$37.37	\$16.55	\$13.35	\$3.25	\$0.00	\$70.52
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$38.23	\$16.55	\$13.35	\$3.25	\$0.00	\$71.38
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$39.18	\$16.55	\$13.35	\$3.25	\$0.00	\$72.33
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
READY-MIX CONCRETE DRIVER TEAMSTERS 653 TEAMSTERS 653 - Southeastern Concrete (Weymouth)	8/1/2023	\$25.00	\$13.91	\$6.90	\$0.00	\$0.00	\$45.81
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
RECLAIMERS	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS - ZONE 2	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
ROLLER/SPREADER/MULCHING MACHINE	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) ROOFERS LOCAL 33 ROOFERS LOCAL 33	2/1/2026	\$53.53	\$14.53	\$12.67	\$9.03	\$0.00	\$89.76

Apprentice: ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg)							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.77	\$14.53	\$6.52	\$9.03	\$0.00	\$56.85
2	60.00	\$32.12	\$14.53	\$12.67	\$9.03	\$0.00	\$68.35

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: ROOFER (Inc.Roofer Waterproofng &Roofer Damproofg)							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	65.00	\$34.79	\$14.53	\$12.67	\$9.03	\$0.00	\$71.02
4	75.00	\$40.15	\$14.53	\$12.67	\$9.03	\$0.00	\$76.38
5	85.00	\$45.50	\$14.53	\$12.67	\$9.03	\$0.00	\$81.73

Apprentice Notes

** 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1

Apprentice to Journeyworker Ratio: 1:5

ROOFER SLATE / TILE / PRECAST CONCRETE 2/1/2026 \$53.78 \$14.53 \$12.67 \$9.03 \$0.00 \$90.01

ROOFERS LOCAL 33

ROOFERS LOCAL 33

For apprentice rates see "Apprentice- ROOFER"

SHEETMETAL WORKER 10/1/2025 \$44.05 \$14.91 \$13.35 \$6.15 \$2.24 \$80.70

SHEETMETAL WORKERS LOCAL 17

SHEETMETAL WORKERS LOCAL 17 - B 4/1/2026 \$45.55 \$14.91 \$13.35 \$6.15 \$2.24 \$82.20

Apprentice: SHEETMETAL WORKER							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$17.62	\$14.91	\$4.27	\$0.00	\$1.09	\$37.89
2	45.00	\$19.82	\$14.91	\$4.80	\$0.00	\$1.17	\$40.70
3	50.00	\$22.03	\$14.91	\$12.28	\$0.00	\$1.45	\$50.67
4	55.00	\$24.23	\$14.91	\$12.28	\$0.00	\$1.52	\$52.94
5	60.00	\$26.43	\$14.91	\$12.28	\$3.69	\$1.64	\$58.95
6	65.00	\$28.63	\$14.91	\$12.28	\$4.00	\$1.71	\$61.53
7	70.00	\$30.84	\$14.91	\$12.28	\$4.31	\$1.78	\$64.12
8	75.00	\$33.04	\$14.91	\$12.28	\$4.61	\$1.86	\$66.70
9	80.00	\$35.24	\$14.91	\$12.28	\$4.92	\$1.93	\$69.28
10	85.00	\$37.44	\$14.91	\$12.28	\$5.23	\$2.00	\$71.86

Apprentice: SHEETMETAL WORKER							
Effective Date: 4/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$18.22	\$14.91	\$4.27	\$0.00	\$1.09	\$38.49
2	45.00	\$20.50	\$14.91	\$4.80	\$0.00	\$1.17	\$41.38
3	50.00	\$22.78	\$14.91	\$12.28	\$0.00	\$1.45	\$51.42
4	55.00	\$25.05	\$14.91	\$12.28	\$0.00	\$1.52	\$53.76
5	60.00	\$27.33	\$14.91	\$12.28	\$3.69	\$1.64	\$59.85
6	65.00	\$29.61	\$14.91	\$12.28	\$4.00	\$1.71	\$62.51

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: SHEETMETAL WORKER							
Effective Date: 4/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
7	70.00	\$31.89	\$14.91	\$12.28	\$4.31	\$1.78	\$65.17
8	75.00	\$34.16	\$14.91	\$12.28	\$4.61	\$1.86	\$67.82
9	80.00	\$36.44	\$14.91	\$12.28	\$4.92	\$1.93	\$70.48
10	85.00	\$38.72	\$14.91	\$12.28	\$5.23	\$2.00	\$73.14

Apprentice to Journeyworker Ratio: 1:4

SPECIALIZED EARTH MOVING EQUIP < 35 TONS TEAMSTERS JOINT COUNCIL NO. 10	1/1/2026	\$41.24	\$16.17	\$21.78	\$0.00	\$0.00	\$79.19
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
SPECIALIZED EARTH MOVING EQUIP > 35 TONS TEAMSTERS JOINT COUNCIL NO. 10	1/1/2026	\$41.53	\$16.17	\$21.78	\$0.00	\$0.00	\$79.48
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	6/1/2026	\$42.53	\$16.17	\$21.78	\$0.00	\$0.00	\$80.48
	12/1/2026	\$42.53	\$16.17	\$23.52	\$0.00	\$0.00	\$82.22
	1/1/2027	\$42.53	\$16.77	\$23.52	\$0.00	\$0.00	\$82.82
SPRINKLER FITTER SPRINKLER FITTERS LOCAL 550 SPRINKLER FITTERS LOCAL 550 - (Section B) Zone 2	1/1/2026	\$64.85	\$13.45	\$7.45	\$18.25	\$0.00	\$104.00

Apprentice: SPRINKLER FITTER							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	0.00	\$22.70	\$13.45	\$13.84	\$0.00	\$0.00	\$49.99
2	0.00	\$25.94	\$13.45	\$14.75	\$0.00	\$0.00	\$54.14
3	0.00	\$29.18	\$13.45	\$15.67	\$0.00	\$0.00	\$58.30
4	0.00	\$32.43	\$13.45	\$16.57	\$0.00	\$0.00	\$62.45
5	0.00	\$35.67	\$13.45	\$17.49	\$0.00	\$0.00	\$66.61
6	0.00	\$38.91	\$13.45	\$18.40	\$0.00	\$0.00	\$70.76
7	0.00	\$42.15	\$13.45	\$19.32	\$0.00	\$0.00	\$74.92
8	0.00	\$45.40	\$13.45	\$20.22	\$0.00	\$0.00	\$79.07
9	0.00	\$48.64	\$13.45	\$21.15	\$0.00	\$0.00	\$83.24
10	0.00	\$51.88	\$13.45	\$22.05	\$0.00	\$0.00	\$87.38

Apprentice Notes
Apprentice entered prior 9/30/10:

Apprentice to Journeyworker Ratio: 1:3

STEAM BOILER OPERATOR OPERATING ENGINEERS LOCAL 4	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN OPERATING ENGINEERS LOCAL 4	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TELECOMMUNICATION TECHNICIAN	9/1/2025	\$42.52	\$12.00	\$12.05	\$3.25	\$0.00	\$69.82
TELECOMMUNICATION TECHNICIAN ELECTRICIANS LOCAL 223	9/1/2026	\$44.41	\$12.25	\$12.59	\$3.50	\$0.00	\$72.75
ELECTRICIANS LOCAL 223	9/1/2027	\$46.51	\$12.50	\$13.18	\$3.75	\$0.00	\$75.94
For apprentice rates and ratios see "Apprentice- ELECTRICIAN"							
TERRAZZO FINISHERS	2/1/2026	\$66.89	\$12.84	\$15.57	\$8.02	\$0.00	\$103.32
BRICKLAYERS LOCAL 3	8/1/2026	\$69.09	\$12.84	\$15.57	\$8.02	\$0.00	\$105.52
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$70.49	\$12.84	\$15.57	\$8.02	\$0.00	\$106.92

Apprentice: TERRAZZO FINISHERS							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.45	\$12.84	\$15.57	\$8.02	\$0.00	\$69.88
2	60.00	\$40.13	\$12.84	\$15.57	\$8.02	\$0.00	\$76.56
3	70.00	\$46.82	\$12.84	\$15.57	\$8.02	\$0.00	\$83.25
4	80.00	\$53.51	\$12.84	\$15.57	\$8.02	\$0.00	\$89.94
5	90.00	\$60.20	\$12.84	\$15.57	\$8.02	\$0.00	\$96.63

Apprentice: TERRAZZO FINISHERS							
Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.55	\$12.84	\$15.57	\$8.02	\$0.00	\$70.98
2	60.00	\$41.45	\$12.84	\$15.57	\$8.02	\$0.00	\$77.88
3	70.00	\$48.36	\$12.84	\$15.57	\$8.02	\$0.00	\$84.79
4	80.00	\$55.27	\$12.84	\$15.57	\$8.02	\$0.00	\$91.70
5	90.00	\$62.18	\$12.84	\$15.57	\$8.02	\$0.00	\$98.61

Apprentice to Journeyworker Ratio: 1:5

TEST BORING DRILLER LABORERS	12/1/2025	\$51.95	\$10.65	\$9.75	\$9.80	\$0.00	\$82.15
LABORERS - FOUNDATION AND MARINE	6/1/2026	\$53.50	\$10.65	\$9.75	\$9.80	\$0.00	\$83.70
LABORERS - FOUNDATION AND MARINE	12/1/2026	\$55.00	\$10.65	\$9.75	\$9.80	\$0.00	\$85.20
For apprentice rates see "Apprentice- LABORER"							
TEST BORING DRILLER HELPER LABORERS	12/1/2025	\$48.07	\$10.65	\$9.75	\$9.80	\$0.00	\$78.27
LABORERS - FOUNDATION AND MARINE	6/1/2026	\$49.62	\$10.65	\$9.75	\$9.80	\$0.00	\$79.82
LABORERS - FOUNDATION AND MARINE	12/1/2026	\$51.12	\$10.65	\$9.75	\$9.80	\$0.00	\$81.32
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
TEST BORING LABORER LABORERS	12/1/2025	\$47.95	\$10.65	\$9.75	\$9.80	\$0.00	\$78.15
LABORERS - FOUNDATION AND MARINE	6/1/2026	\$49.50	\$10.65	\$9.75	\$9.80	\$0.00	\$79.70
	12/1/2026	\$51.00	\$10.65	\$9.75	\$9.80	\$0.00	\$81.20
For apprentice rates see "Apprentice- LABORER"							
TRACTORS/PORTABLE STEAM GENERATORS OPERATING ENGINEERS LOCAL 4	12/1/2025	\$58.02	\$16.55	\$13.35	\$3.25	\$0.00	\$91.17
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.30	\$16.55	\$13.35	\$3.25	\$0.00	\$92.45
	12/1/2026	\$60.74	\$16.55	\$13.35	\$3.25	\$0.00	\$93.89
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TRAILERS FOR EARTH MOVING EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10	1/1/2026	\$41.82	\$16.17	\$21.78	\$0.00	\$0.00	\$79.77
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	6/1/2026	\$42.82	\$16.17	\$21.78	\$0.00	\$0.00	\$80.77
	12/1/2026	\$42.82	\$16.17	\$23.52	\$0.00	\$0.00	\$82.51
	1/1/2027	\$42.82	\$16.77	\$23.52	\$0.00	\$0.00	\$83.11
TUNNEL WORK - COMPRESSED AIR LABORERS	12/1/2025	\$60.18	\$10.65	\$9.75	\$10.25	\$0.00	\$90.83
LABORERS (COMPRESSED AIR)	6/1/2026	\$61.73	\$10.65	\$9.75	\$10.25	\$0.00	\$92.38
	12/1/2026	\$63.23	\$10.65	\$9.75	\$10.25	\$0.00	\$93.88
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS	12/1/2025	\$62.18	\$10.65	\$9.75	\$10.25	\$0.00	\$92.83
LABORERS (COMPRESSED AIR)	6/1/2026	\$63.73	\$10.65	\$9.75	\$10.25	\$0.00	\$94.38
	12/1/2026	\$65.23	\$10.65	\$9.75	\$10.25	\$0.00	\$95.88
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR LABORERS	12/1/2025	\$52.25	\$10.65	\$9.75	\$10.25	\$0.00	\$82.90
LABORERS (FREE AIR TUNNEL)	6/1/2026	\$53.80	\$10.65	\$9.75	\$10.25	\$0.00	\$84.45
	12/1/2026	\$55.30	\$10.65	\$9.75	\$10.25	\$0.00	\$85.95
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS	12/1/2025	\$54.25	\$10.65	\$9.75	\$10.25	\$0.00	\$84.90
LABORERS (FREE AIR TUNNEL)	6/1/2026	\$55.80	\$10.65	\$9.75	\$10.25	\$0.00	\$86.45
	12/1/2026	\$57.30	\$10.65	\$9.75	\$10.25	\$0.00	\$87.95
For apprentice rates see "Apprentice- LABORER"							
VAC-HAUL TEAMSTERS JOINT COUNCIL NO. 10	1/1/2026	\$41.24	\$16.17	\$21.78	\$0.00	\$0.00	\$79.19
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
WAGON DRILL OPERATOR LABORERS	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.11	\$0.00	\$70.23
LABORERS - ZONE 2	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.11	\$0.00	\$71.67
	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$45.05	\$10.65	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.50	\$10.65	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$48.00	\$10.65	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.50	\$10.65	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR (HEAVY & HIGHWAY)	12/1/2025	\$40.72	\$10.65	\$9.75	\$9.21	\$0.00	\$70.33

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORERS	6/1/2026	\$42.16	\$10.65	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.60	\$10.65	\$9.75	\$9.21	\$0.00	\$73.21

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

WASTE WATER PUMP OPERATOR	12/1/2025	\$58.68	\$16.55	\$13.35	\$3.25	\$0.00	\$91.83
OPERATING ENGINEERS LOCAL 4	6/1/2026	\$59.98	\$16.55	\$13.35	\$3.25	\$0.00	\$93.13
OPERATING ENGINEERS LOCAL 4	12/1/2026	\$61.43	\$16.55	\$13.35	\$3.25	\$0.00	\$94.58

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

WATER METER INSTALLER	8/25/2025	\$55.24	\$10.80	\$16.80	\$4.60	\$0.00	\$87.44
PLUMBERS & PIPEFITTERS LOCAL 51							
PLUMBERS & PIPEFITTERS LOCAL 51							

For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"

Outside Electrical

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
CABLE TECHNICIAN (Power Zone)	8/31/2025	\$36.55	\$10.75	\$1.10	\$1.00	\$0.00	\$49.40
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$38.13	\$11.00	\$1.14	\$1.00	\$0.00	\$51.27
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$39.65	\$11.25	\$1.19	\$1.00	\$0.00	\$53.09
For apprentice rates see "Apprentice- LINEMAN"							
CABLEMAN (Underground Ducts & Cables)	8/31/2025	\$51.78	\$10.75	\$1.55	\$10.71	\$0.00	\$74.79
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$54.02	\$11.00	\$1.62	\$11.14	\$0.00	\$77.78
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$56.17	\$11.25	\$1.69	\$11.57	\$0.00	\$80.68
For apprentice rates see "Apprentice- LINEMAN"							
DRIVER / GROUNDMAN CDL	8/31/2025	\$42.64	\$10.75	\$1.28	\$10.45	\$0.00	\$65.12
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$44.49	\$11.00	\$1.33	\$10.80	\$0.00	\$67.62
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$46.26	\$11.25	\$1.39	\$11.15	\$0.00	\$70.05
For apprentice rates see "Apprentice- LINEMAN"							
DRIVER / GROUNDMAN -Inexperienced (<2000 Hrs)	8/31/2025	\$33.51	\$10.75	\$1.01	\$1.00	\$0.00	\$46.27
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$34.95	\$11.00	\$1.05	\$1.00	\$0.00	\$48.00
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$36.64	\$11.25	\$1.09	\$1.00	\$0.00	\$49.98
For apprentice rates see "Apprentice- LINEMAN"							
EQUIPMENT OPERATOR (Class A CDL)	8/31/2025	\$51.78	\$10.75	\$1.55	\$14.79	\$0.00	\$78.87
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$54.02	\$11.00	\$1.62	\$15.22	\$0.00	\$81.86
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$56.17	\$11.25	\$1.69	\$15.65	\$0.00	\$84.76
For apprentice rates see "Apprentice- LINEMAN"							
EQUIPMENT OPERATOR (Class B CDL)	8/31/2025	\$45.69	\$10.75	\$1.37	\$11.27	\$0.00	\$69.08
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$47.66	\$11.00	\$1.43	\$11.65	\$0.00	\$71.74
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$49.56	\$11.25	\$1.49	\$12.03	\$0.00	\$74.33
For apprentice rates see "Apprentice- LINEMAN"							
GROUNDMAN	8/31/2025	\$33.51	\$10.75	\$1.01	\$1.00	\$0.00	\$46.27
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$34.95	\$11.00	\$1.05	\$1.00	\$0.00	\$48.00
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$36.34	\$11.25	\$1.09	\$1.00	\$0.00	\$49.68
For apprentice rates see "Apprentice- LINEMAN"							
GROUNDMAN -Inexperienced (<2000 Hrs.)	8/31/2025	\$27.41	\$10.75	\$0.82	\$1.00	\$0.00	\$39.98
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$28.60	\$11.00	\$0.86	\$1.00	\$0.00	\$41.46
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$29.74	\$11.25	\$0.89	\$1.00	\$0.00	\$42.88
For apprentice rates see "Apprentice- LINEMAN"							
JOURNEYMAN LINEMAN	8/31/2025	\$60.92	\$10.75	\$1.83	\$18.00	\$0.00	\$91.50
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/30/2026	\$63.55	\$11.00	\$1.91	\$18.50	\$0.00	\$94.96
OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	8/29/2027	\$66.08	\$11.25	\$1.98	\$19.00	\$0.00	\$98.31

Apprentice: JOURNEYMAN LINEMAN							
Effective Date: 8/31/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate

Outside Electrical

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: JOURNEYMAN LINEMAN							
Effective Date: 8/31/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apprentice: JOURNEYMAN LINEMAN							
Effective Date: 8/30/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apprentice to Journeyworker Ratio: 1:2							
TELEDATA CABLE SPLICER OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104 OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	2/4/2019	\$30.73	\$4.70	\$0.92	\$2.25	\$0.00	\$38.60
TELEDATA LINEMAN/EQUIPMENT OPERATOR OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104 OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	2/4/2019	\$28.93	\$4.70	\$0.89	\$2.25	\$0.00	\$36.77
TELEDATA WIREMAN/INSTALLER/TECHNICIAN OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104 OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	2/4/2019	\$28.93	\$4.70	\$0.89	\$2.25	\$0.00	\$36.77

Additional Apprentice Information

All apprentices must be registered with the Division of Apprenticeship Training(DAS) in accordance with M.G.L.c. 23, §§ 11E-11L. Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the hourly prevailing wage rate established by the Commissioner under the provisions of M.G.L.c. 149, §§ 26-27D.

Apprentice ratios are established by DAS pursuant to M.G.L.c. 23, §§ 11E-11L. Ratios are expressed as the allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified. The ratios listed herein have been taken from relevant private collective bargaining agreements(CBAs) and are provided for illustrative purposes only. They have not been independently verified as being accurate or continuing to be accurate.

Parties having questions regarding what ratio to use should contact DAS.

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	1	71
PROJECT FILE NO.		610670	

TITLE SHEET AND INDEX

PLAN AND PROFILE OF SOUTH STREET, MAIN STREET AND SISSON ROAD

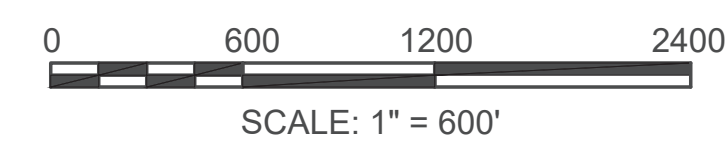
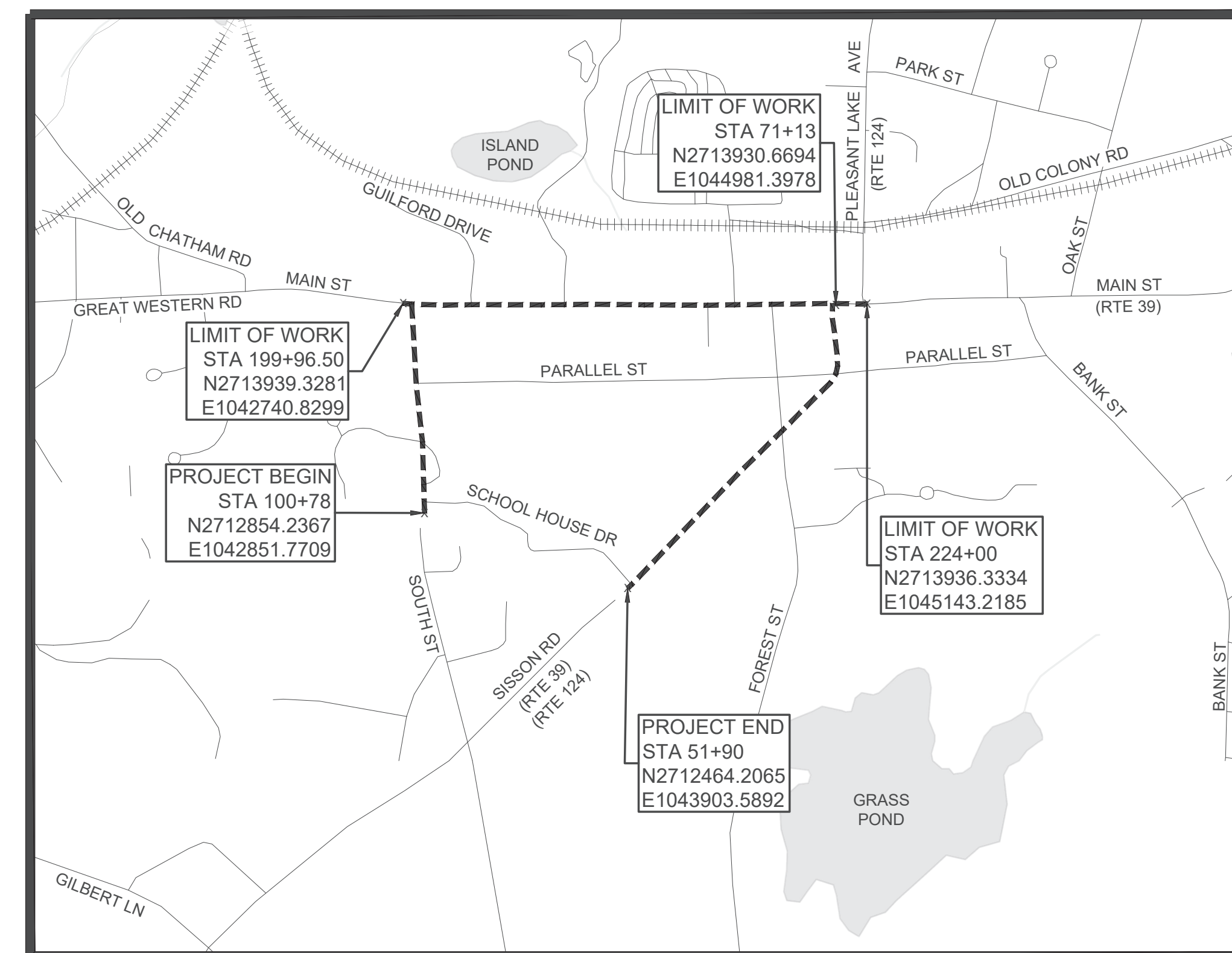
IN THE TOWN OF
HARWICH
BARNSTABLE COUNTY

FEDERAL AID PROJECT NO. TAP-SRS5(001)X

THESE PLANS ARE SUPPLEMENTED BY THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS, AS IDENTIFIED IN THE CONTRACT SPECIAL PROVISIONS: THE MASSDOT CONSTRUCTION STANDARD DETAILS, THE MASSDOT STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE MASSDOT STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, THE MASSDOT OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, THE MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, AND THE ANSI AMERICAN STANDARD FOR NURSERY STOCK.

INDEX

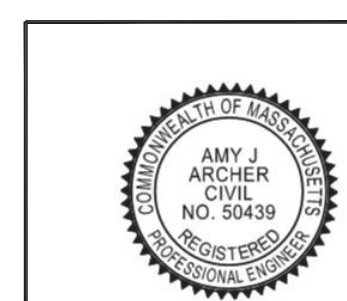
SHEET NO.	DESCRIPTION
1	TITLE SHEET AND INDEX
2	LEGEND & ABBREVIATIONS
3	NOTES
4	KEY PLAN
5 - 6	TYPICAL SECTIONS - 1 - 2
7 - 16	CONSTRUCTION PLAN - 1 - 10
17 - 26	CURB TIE & GRADING PLAN - 1 - 10
27 - 36	DRAINAGE & UTILITY PLAN - 1 - 10
37 - 46	TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 1 - 10
47	TRAFFIC SIGN SUMMARY
48 - 50	TEMPORARY TRAFFIC CONTROL PLAN 1 - 3
51 - 55	CONSTRUCTION DETAILS - 1 - 5
56 - 71	CROSS SECTIONS - 1 - 16



SOUTH STREET LENGTH OF PROJECT = 1076.70 FEET = 0.204 MILES
MAIN STREET LENGTH OF PROJECT = 2403.50 FEET = 0.455 MILES
SISSON ROAD LENGTH OF PROJECT = 1923.00 FEET = 0.364 MILES

DESIGN DESIGNATION FROM MASSDOT DATA

	SOUTH STREET	MAIN STREET	SISSON ROAD
DESIGN SPEED	40 MPH	40 MPH	35 MPH
ADT (2022)	1,278 VPD	5,092 VPD	5,716 VPD
ADT (2042)	1,379 VPD	5,627 VPD	6,316 VPD
K	14%	14%	10%
D	54%	50%	51%
T (PEAK HOUR)	7%	12%	7%
T (AVERAGE DAY)	7%	16%	9%
DHV	194	788	632
DDHV	105	394	323
FUNCTIONAL CLASSIFICATION	URBAN MAJOR COLLECTOR	URBAN MINOR ARTERIAL	URBAN PRINCIPAL ARTERIAL



Amy Archer
Digitally signed by Amy Archer
Date: 2026.03.12 10:15:10
+0400





APPROVED
Carrie Lavallee, P.E.
Digitally signed by Carrie Lavallee, P.E.
Date: 2026.03.12 11:33:16 -0400
CHIEF ENGINEER

03/12/2026
DATE

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		JERSEY BARRIER
		CATCH BASIN
		CATCH BASIN CURB INLET
		FLAG POLE
		GAS PUMP
		MAIL BOX
		POST SQUARE
		POST CIRCULAR
		WELL
		ELECTRIC HANDHOLE
		FENCE GATE POST
		GAS GATE
		BORING HOLE
		MONITORING WELL
		TEST PIT
		HYDRANT
		LIGHT POLE
		COUNTY BOUND
		GPS POINT
		CABLE MANHOLE
		DRAINAGE MANHOLE
		ELECTRIC MANHOLE
		GAS MANHOLE
		MISC MANHOLE
		SEWER MANHOLE
		TELEPHONE MANHOLE
		WATER MANHOLE
		MASSACHUSETTS HIGHWAY BOUND
		MONUMENT
		STONE BOUND
		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
		TROLLEY POLE OR GUY POLE
		TRANSMISSION POLE
		UTILITY POLE W/ FIREBOX
		UTILITY POLE WITH DOUBLE LIGHT
		UTILITY POLE W / 1 LIGHT
		UTILITY POLE
		BUSH
		TREE
		STUMP
		SWAMP / MARSH
		WATER GATE
		PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
		CONTOURS (ON-THE-GROUND SURVEY DATA)
		CONTOURS (PHOTOGRAMMETRIC DATA)
		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
		BALANCED STONE WALL
		GUARD RAIL - STEEL POSTS
		GUARD RAIL - WOOD POSTS
		GUARD RAIL - DOUBLE FACE - STEEL POSTS
		GUARD RAIL - DOUBLE FACE - WOOD POSTS
		CHAIN LINK OR METAL FENCE
		WOOD FENCE
		SEDIMENT CONTROL BARRIER
		TREE LINE / TREE TRIMMING
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT
		PUSH BUTTON

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
		VIDEO DETECTION CAMERA
		MICROWAVE DETECTOR
		PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
		EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
		FLASHING BEACON
		PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
		RAILROAD SIGNAL
		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
		MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
		SIGN AND POST (2 POSTS)
		MAST ARM WITH LUMINAIRE
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		CONTROL CABINET, POLE MOUNTED
		FLASHING BEACON CONTROL AND METER PEDESTAL
		LOAD CENTER ASSEMBLY
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT
		RECTANGULAR RAPID FLASHING BEACON

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		STOP LINE - 12" SOLID WHITE LINE
		CROSSWALK - 2' SOLID WHITE LINE, 2' SPACE
		SOLID WHITE LINE - 6" REFLECTORIZED
		SOLID YELLOW LINE - 6" REFLECTORIZED
		BROKEN WHITE LINE (10' STRIPE - 30' SPACE - 10' STRIPE)
		BROKEN YELLOW LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED GREEN LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED WHITE LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED YELLOW LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED WHITE LINE EXTENSION (2' STRIPE - 6' SPACE - 2' STRIPE)
		DOTTED YELLOW LINE EXTENSION (2' STRIPE - 6' SPACE - 2' STRIPE)
		DOUBLE WHITE LINE - 6" REFLECTORIZED
		DOUBLE YELLOW LINE - 6" REFLECTORIZED

ABBREVIATIONS

GENERAL	
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
CW	CROSSWALK
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
DWP	DETECTABLE WARNING PANEL
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCR	PEDESTRIAN CURB RAMP
PERM	PERMANENT
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PLAS	PLASTIC
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY

HARWICH SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	2	71
PROJECT FILE NO.		610670	

LEGEND & ABBREVIATIONS

ABBREVIATIONS (cont.)

GENERAL	
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION
TRAFFIC SIGNAL ABBREVIATIONS	
CAB	CABINET
CCVE	CLOSED CIRCUIT VIDEO EQUIPMENT
DW	STEADY UPRAISED HAND
FDW	FLASHING UPRAISED HAND
FR	FLASHING CIRCULAR RED
FRL	FLASHING RED LEFT ARROW
FRR	FLASHING RED RIGHT ARROW
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW
FYR	FLASHING YELLOW RIGHT ARROW
G	STEADY CIRCULAR GREEN
GL	STEADY GREEN LEFT ARROW
GR	STEADY GREEN RIGHT ARROW
GSL	STEADY GREEN SLASH LEFT ARROW
GSR	STEADY GREEN SLASH RIGHT ARROW
GV	STEADY GREEN VERTICAL ARROW
OL	OVERLAP
PED	PEDESTRIAN
PTZ	PAN, TILT, ZOOM
R	STEADY CIRCULAR RED
RL	STEADY RED LEFT ARROW
RR	STEADY RED RIGHT ARROW
RRFB	RECTANGULAR RAPID FLASHING BEACON
TR SIG	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW
YL	STEADY YELLOW LEFT ARROW

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	3	71
PROJECT FILE NO.		610670	

NOTES

GENERAL NOTES

- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT FOR REVIEW A SCHEDULE OF OPERATIONS IN ADDITION TO OTHER CONTRACT REQUIREMENTS TO THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION, HIGHWAY DIVISION.
- WHERE THE NEW CONSTRUCTION COINCIDES WITH PRESENT TRAVELED WAYS, THE CONTRACTOR SHALL PERFORM THEIR WORK IN A MANNER ACCEPTABLE TO THE ENGINEER SO THAT INTERFERENCE TO BUSINESSES AND ABUTTERS, ON ACCOUNT OF THE CONSTRUCTION WORK, IS KEPT TO A MINIMUM. THE CONTRACTOR WILL NOT BE ALLOWED TO PARK EQUIPMENT OR STOCKPILE MATERIAL ON THE TRAVELED WAYS OVERNIGHT OR WHEN NOT IN USE. THE CONTRACTOR SHALL MAINTAIN SAFE AND REASONABLE ACCESS TO AND FROM ABUTTING PROPERTIES AT ALL TIMES AT NO ADDITIONAL COST.
- NO EXISTING PUBLIC UTILITY STRUCTURES SHALL BE ABANDONED AND/OR DISMANTLED WITHOUT AUTHORIZATION FROM THE ENGINEER.
- FINAL LOCATION OF TRAFFIC SIGNS AND SUPPORTS SHALL BE SHOWN ON THE TRAFFIC PLAN AND MAY, IF NECESSARY, AT DISCRETION OF THE ENGINEER, BE MODIFIED IN THE FIELD AS APPROPRIATE.
- DETAILS FOR SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH MASSDOT STANDARD DRAWINGS.
- DAMAGE OF PROPERTY BEYOND THE WORK LIMITS CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE, SUBJECT TO THE APPROVAL OF THE ENGINEER AND ACCEPTANCE OF THE PROPERTY OWNER.
- ALL EXISTING TOWN AND PRIVATE UTILITY CASTINGS SUCH AS WATER BOXES, CURB STOPS, MANHOLE FRAMES AND COVERS, CATCH BASIN FRAME AND GRATES AND OTHER CASTINGS SHALL BE ADJUSTED BY THE CONTRACTOR TO LINE AND GRADE AS DIRECTED BY THE ENGINEER UNLESS OTHERWISE SPECIFIED IN THE SPECIAL PROVISIONS OR ON THE CONTRACT PLANS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL UTILITIES THROUGHOUT THE PROJECT SO THAT THE VARIOUS UTILITY OWNERS HAVE ACCESS TO VAULTS AND MANHOLES TO OPERATE VALVES AND OTHER CONTROLS ON THEIR SYSTEM.
- THE LOCATIONS OF PROPOSED PIPELINES, STRUCTURES AND UTILITY RELOCATIONS MAY BE MODIFIED TO SUIT FIELD CONDITIONS AT THE DISCRETION OF THE ENGINEER.
- OFFSETS TO CATCH BASINS ARE TO THE CENTER OF THE GRATE.
- RIM ELEVATIONS MAY BE SUBJECT TO FIELD ADJUSTMENTS AS DIRECTED BY THE ENGINEER. ELEVATIONS ON CATCH BASINS ARE REFERENCED TO THE CENTER OF GRATE AT FACE OF CURB.
- WHERE WATERLINES, DRAINAGE PIPES OR STRUCTURES ARE ABANDONED IN PLACE, CONTRACTOR SHALL MAKE SURE THAT ALL CONNECTING PIPES, INLETS AND OUTLETS ARE PLUGGED. ALL LIVE CONNECTIONS SHALL BE CONNECTED TO THE NEW SYSTEM.
- DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY, BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY OF THE STRUCTURES BE ORDERED.

- ADA COMPLIANT ACCESS MUST BE MAINTAINED AT ALL TIMES.
- DAMAGE OF PROPERTY BEYOND THE WORK LIMITS CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE, SUBJECT TO THE APPROVAL OF THE ENGINEER AND ACCEPTANCE OF THE PROPERTY OWNER.
- THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS AT THEIR OWN EXPENSE IF NOT OTHERWISE SPECIFIED, OUTSIDE OF THE PROJECT LIMITS.
- THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY LOCATIONS OF EXISTING UTILITIES AS DIRECTED BY THE ENGINEER.
- IF THE CONTRACTOR DAMAGES UTILITY SERVICES, THEY SHALL IMMEDIATELY NOTIFY THE RESPECTIVE UTILITY COMPANY AND SHALL IMMEDIATELY REPLACE OR REPAIR, UNLESS INDICATED OTHERWISE BY THE RESPECTIVE UTILITY OWNER.
- ALL WHEELCHAIR RAMPS SHALL CONFORM TO THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS AND THE AMERICANS WITH DISABILITIES ACT (ADA) GUIDELINES AND THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
- IN ALL LOCATIONS WHERE PROPOSED SIDEWALK TRANSITIONS TO MEET EXISTING GRADE, SIDEWALK OR PAVED AREA, SLOPE SHALL NOT EXCEED 1:12.
- AN UNOBSTRUCTED ACCESSIBLE PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED PAST ALL OBSTRUCTIONS (UTILITY POLES, SIGNS, SIGNAL FOUNDATIONS AND MASTS, MAILBOXES, ALONG DRIVE OPENINGS, ETC.)
- ALL EXISTING DRAINAGE STRUCTURES AND PIPE TO REMAIN WITHIN THE PROJECT LIMITS SHALL BE CLEANED AND SEDIMENT DISPOSED OF.
- ALL PROPOSED DRAINAGE CONNECTIONS TO EXISTING STRUCTURES WILL BE INCLUDED IN THE COST OF INSTALLATION OF THE NEW PIPE OR STRUCTURE.
- THE FINAL LOCATIONS OF TREES SHOWN ON PRIVATE PROPERTY WILL BE DECIDED IN THE FIELD WITH THE MASSDOT LA, TOWN TREE WARDEN AND IMPACTED PROPERTY OWNER.
- NGRID GAS INFORMATION HAS BEEN PLOTTED BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE AWARE THAT SEVERAL GAS SERVICES ARE NOT SHOWN ON THE PLAN.
- PRIOR TO ANY WORK, ALL EXISTING TREES SHALL BE ASSESSED FOR FEASIBILITY TO RETAIN AND FOR RECOMMENDED PROTECTION MEASURES. TREE PROTECTION MEASURES, SHALL BE COMPLETE IN PLACE AND APPROVED BY THE ENGINEER PRIOR TO ANY WORK IN THOSE LOCATIONS.
- THE MINIMUM VERTICAL CLEARANCE OF TREE BRANCHES OVER SIDEWALK IS 80 INCHES AND 100 INCHES OVER BICYCLE FACILITIES.

SURVEY NOTES:

- THIS PLAN IS THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY BSC GROUP INC. BETWEEN OCTOBER 2020 AND MARCH 2021.
- HORIZONTAL DATUM SHOWN HEREON REFERENCES THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, MAINLAND ZONE, US SURVEY FEET, NAD83 (2011-EPOCH 2010.00) AND IS BASED ON GROUND CONTROL PROVIDED BY MASSDOT. MASSDOT CONTROL POINTS ARE 2621, 2622, 2623 AND 2624.
- THE VERTICAL DATUM SHOWN HEREON REFERENCES NAVD88 (GEOID 18) AND IS BASED ON GROUND CONTROL PROVIDED BY MASSDOT. MASSDOT CONTROL CHECKED INTO MASSDOT TBM 8085. ELEVATIONS OF CONTROL AND TBMS SET BY BSC GROUP ARE BASED ON DIFFERENTIAL LEVELING FROM MASSDOT POINTS 2621, 2622, 2623 AND 2624.
- AVERAGE GROUND-TO-GRID COMBINED SCALE FACTOR OF CONTROL SET BY BSC GROUP = 1.00000625.
- EASEMENTS SHOWN ARE BASED ON A LIMITED PLAN REVIEW AND MAY NOT REFLECT ALL EASEMENTS IN THE PROJECT AREA.
- AT THE TIME OF SURVEY, VERIZON HAD NOT SUPPLIED RECORDS FOR SISSON ROAD, SOUTH OF PARALLEL STREET.

SURVEY PLAN REFERENCES:

- LAYOUT PLANS OF RECORD: 1931 COUNTY LAYOUT OF SISSON ROAD, 1932 COUNTY LAYOUT OF MAIN STREET, 1949 COUNTY LAYOUT OF MAIN STREET, 1950 COUNTY LAYOUT OF MAIN STREET. COUNTY LAYOUTS ARE FILED AT THE NORFOLK COUNTY REGISTRY OF DEEDS.
- PLANS OF RECORD (BK/PG): 88/111, 90/149, 244/80, 401/81, 421/79. LAND COURT PLANS LCC 26218A AND LCC33260A. SAID PLANS ARE RECORDED AT THE NORFOLK COUNTY REGISTRY OF DEEDS.

UTILITY NOTES

- EXISTING UTILITIES, WHERE SHOWN HEREON, ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING ANY ON-SITE ACTIVITY WITH DIG-SAFE AND THE APPROPRIATE UTILITY COMPANY AND MAINTAINING EXISTING UTILITY SYSTEM SERVICE. DIG-SAFE SHALL BE NOTIFIED PER THE COMMONWEALTH OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 40, AT 1-888-344-7233. NO GUARANTEE IS IMPLIED OR INTENDED AS TO THE ACCURACY, LOCATION OR THAT ALL UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION AND INVERTS OR UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTIBILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5' SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5' WILL BE PAID UNDER CLASS B EXCAVATION.

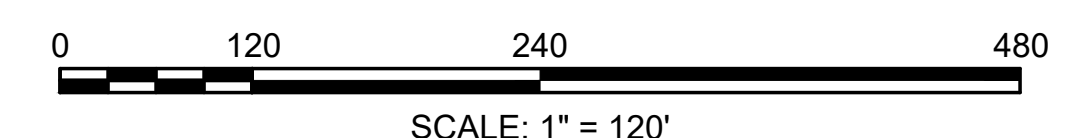
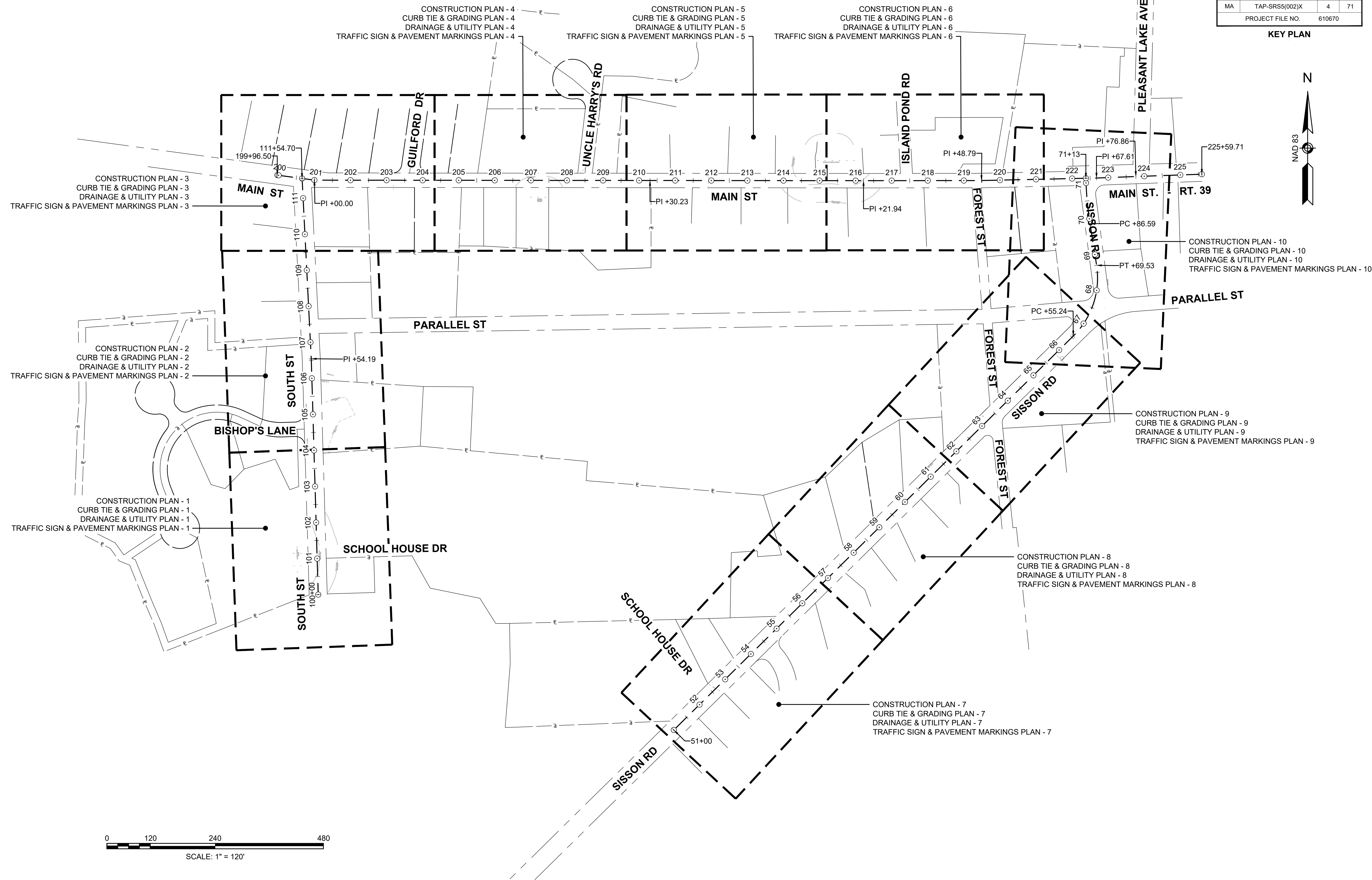
NATIONAL GRID GAS NOTES

- IF THE PROPOSED CONSTRUCTION IS WITHIN CLOSE PROXIMITY OF HIGH PRESSURE TRANSMISSION GAS MAIN, CONTACT NATIONAL GRID'S DAMAGE PREVENTION DEPARTMENT FOR SPECIFIC REQUIREMENTS. IT IS RECOMMENDED THAT:
 - A NATIONAL GRID REPRESENTATIVE IS ON SITE CONTINUOUSLY DURING ANY EXCAVATION/SUBSURFACE WORK WITHIN 15 FEET OF A TRANSMISSION FACILITY.
 - WHEN WORKING WITHIN 15' OF THE OUTSIDE PERIMETER OF ANY TRANSMISSION PIPELINE, HAND TOOLS AND VACUUM EXCAVATION MUST BE USED UNTIL THE EXACT ALIGNMENT HAS BEEN VERIFIED
 - WHEN WORKING WITHIN 15' OF THE OUTSIDE PERIMETER OF ANY TRANSMISSION PIPELINE, VERIFICATION HOLES SHOULD BE DUG USING HAND TOOLS/VACUUM EXCAVATION AT 50 FT INTERVALS OVER TRANSMISSION MAIN THAT RUNS ADJACENT TO A PROPOSED INDIVIDUAL CONSTRUCTION EXCAVATION.
 - WHERE CROSSING TRANSMISSION GAS PIPE WITH UTILITIES AND UNDERGROUND STRUCTURES, TEST HOLES MUST BE DUG AT THE CROSSING TO CONFIRM THE DEPTH, INVERT ELEVATION, AND SEPARATION.
 - ONCE THE EXACT ALIGNMENT OF TRANSMISSION PIPING HAS BEEN VERIFIED USING HAND TOOLS AND VACUUM EXCAVATION, POWERED EXCAVATION MAY BE USED WITHIN 15' OF THE PIPELINE, BUT NO CLOSER THAN THE TRANSMISSION PIPELINE SAFETY ZONE (18" + 1/2 THE DIAMETER OF THE PIPELINE).

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	4	71
PROJECT FILE NO.		610670	

KEY PLAN



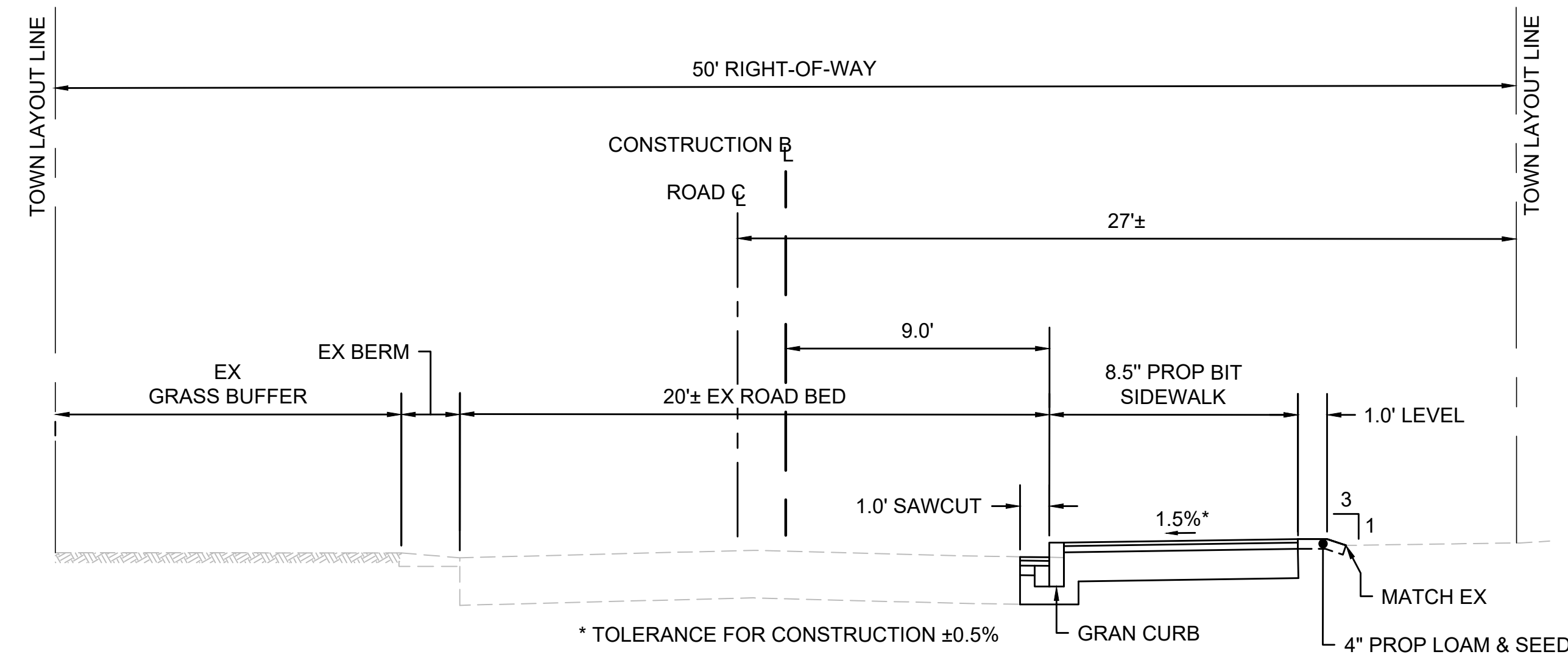
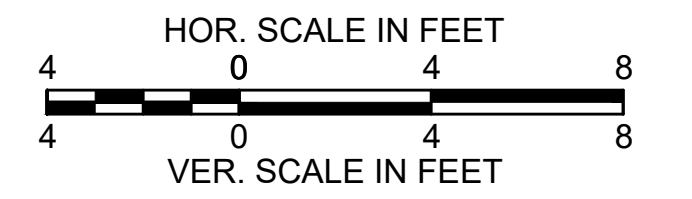
GENERAL NOTES:

1. ALL HOT MIX ASPHALT PAVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 450 QUALITY ASSURANCE OR HMA.
2. ASPHALT EMULSION FOR TACK COAT (ITEM 452) SHALL BE SPRAY APPLIED FOR TRIPLE OVERLAP COVERAGE AT 0.08 GAL/SY OVER MILLED SURFACES AND 0.07 GAL/SY OVER SMOOTH SURFACES.
3. HMA JOINT ADHESIVE (ITEM 453) SHALL BE APPLIED IN SURFACE COURSE AT ALL VERTICAL COLD JOINTS PRIOR TO HMA PAVING.
4. ALL HOT MIX ASPHALT WALKS AND DRIVEWAYS SHALL BE ESTIMATED AND PAID FOR UNDER ITEM 702. OF THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
5. WHERE EXISTING GRAVEL IS FOUND TO BE SUITABLE, THE EXISTING GRAVEL MAY BE USED IN PROPOSED SUBBASE, AFTER APPROVAL BY THE ENGINEER.

**HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	5	71
PROJECT FILE NO. 610670			

TYPICAL SECTIONS - 1



TYPICAL SECTION - SOUTH STREET
STA. 100+78.00 TO STA. 111+54.70
SCALE: 1" = 4'

PAVEMENT NOTES

FINE MILL & OVERLAY

FINE MILL: 1.5" EX PAVEMENT
TOP COURSE: 1.5" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5)

HOT MIX ASPHALT DRIVEWAY

SURFACE: 4" HMA (1.5" SSC - 9.5 OVER 2.5" SSC - 12.5)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

HOT MIX ASPHALT SIDEWALK

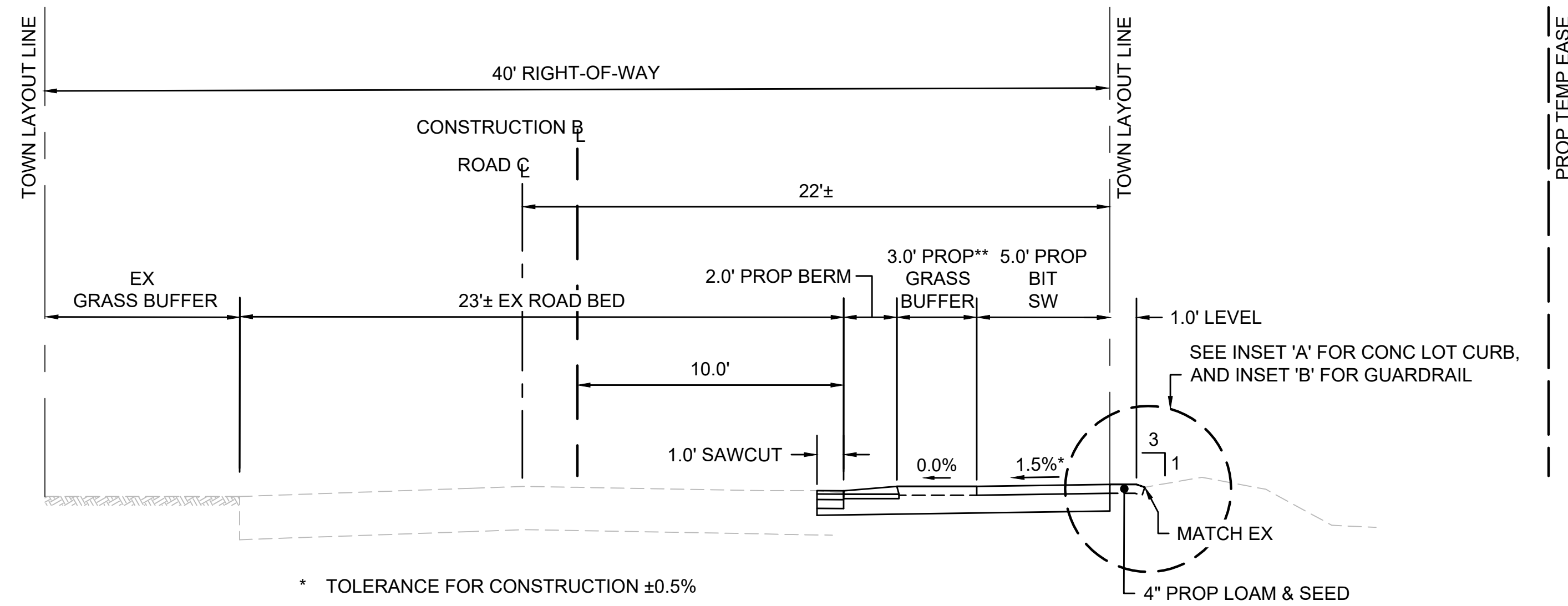
SURFACE: 3" HMA (1.25" SSC - 9.5 OVER 1.75" SSC - 12.5)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

CEMENT CONCRETE DRIVEWAY

SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED, 4,000 PSI, 0.75", 610)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

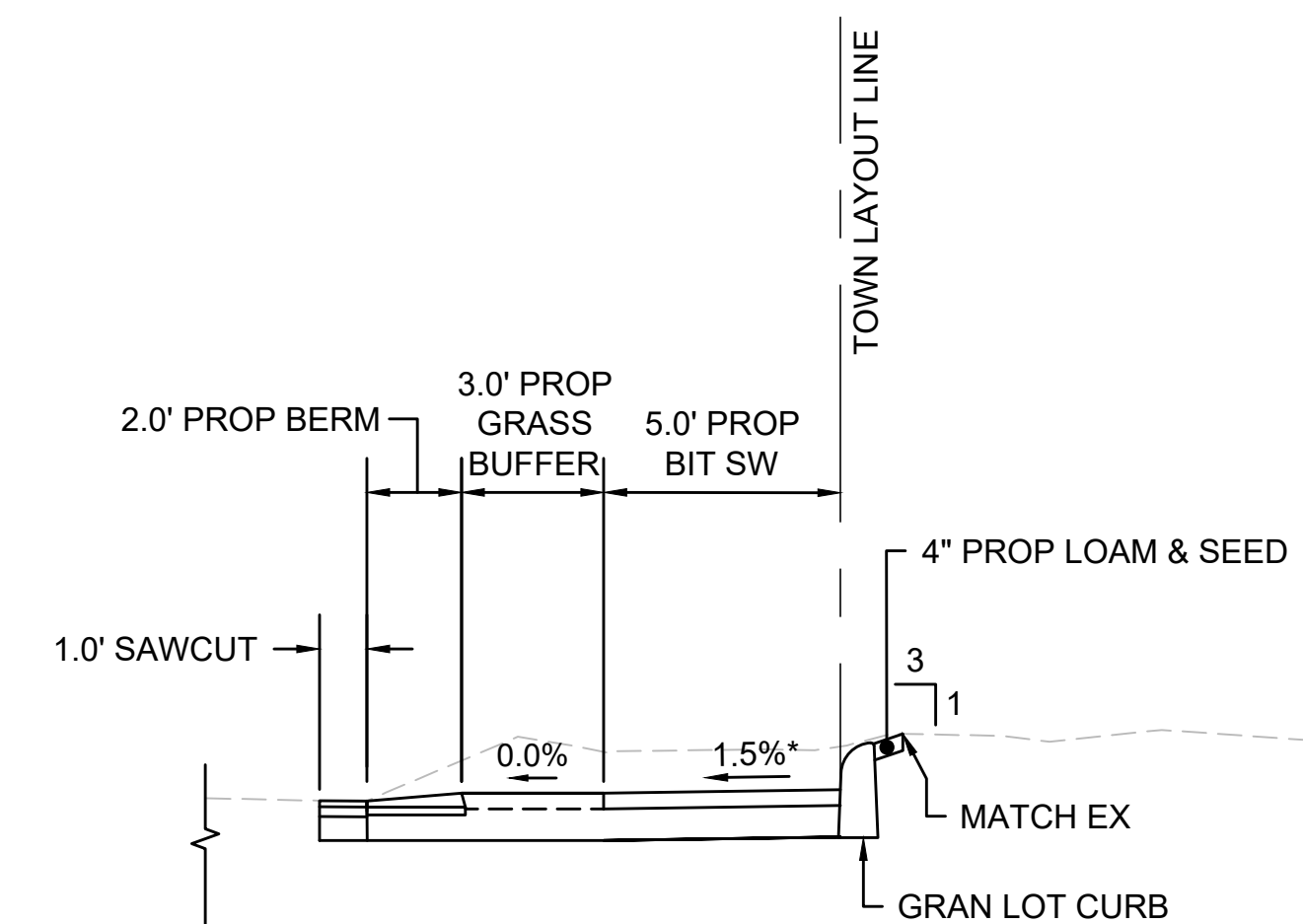
CEMENT CONCRETE CURB RAMPS

SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED, 4,000 PSI, 0.75", 610)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

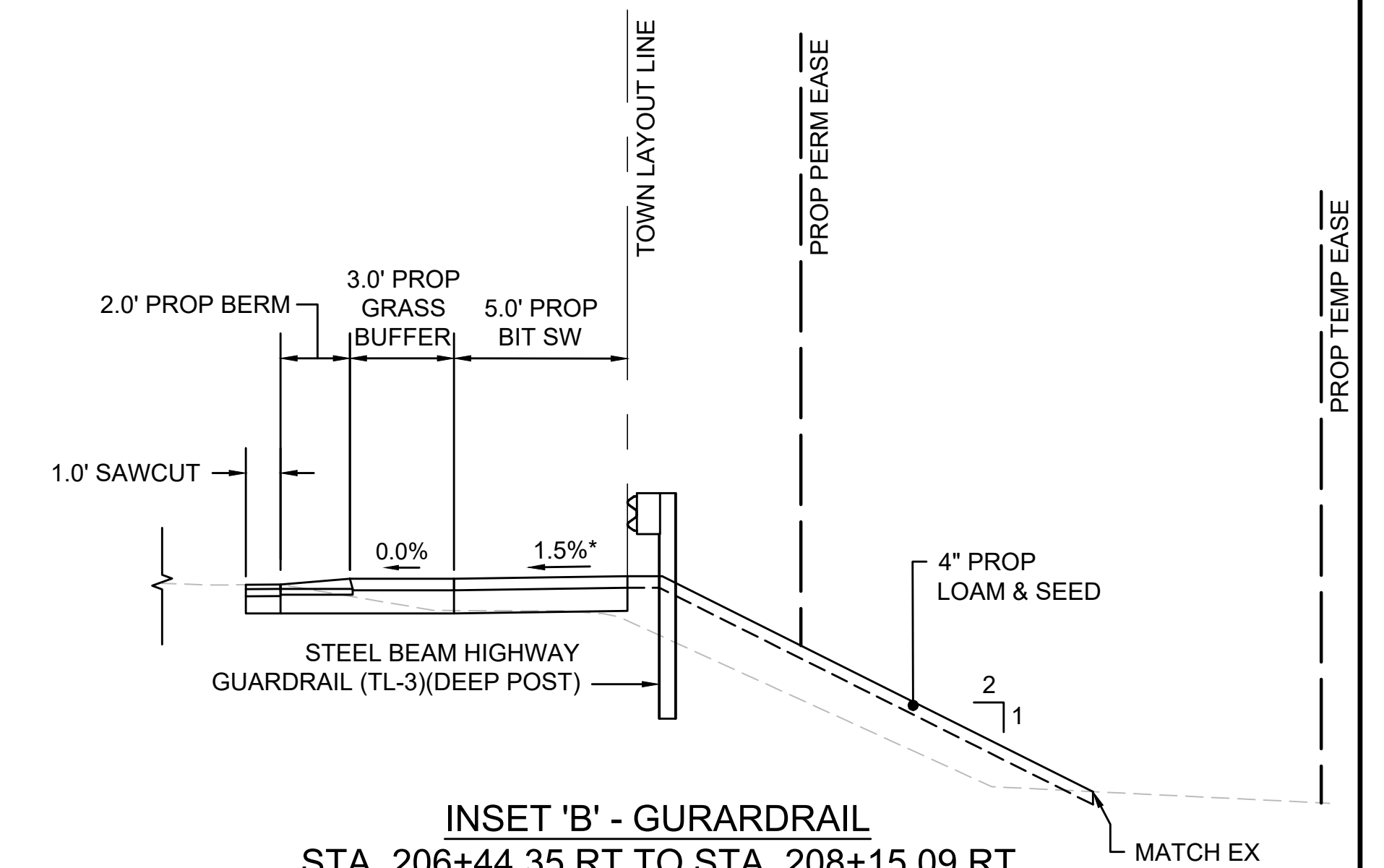


* TOLERANCE FOR CONSTRUCTION ±0.5%
** NO GRASS BUFFER FROM STA 199+96.52 TO STA 200+48.50

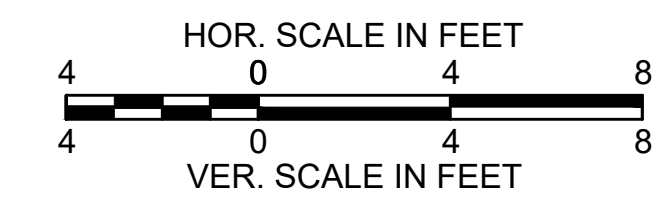
TYPICAL SECTION - MAIN STREET
STA 199+96.50 TO STA 222+78.00
SCALE: 1" = 4'



INSET 'A' - GRAN LOT CURB
STA. 201+00.00 TO STA. 203+00.00 AND
STA. 218+00.00 TO STA. 219+10.00
SCALE: 1" = 4'



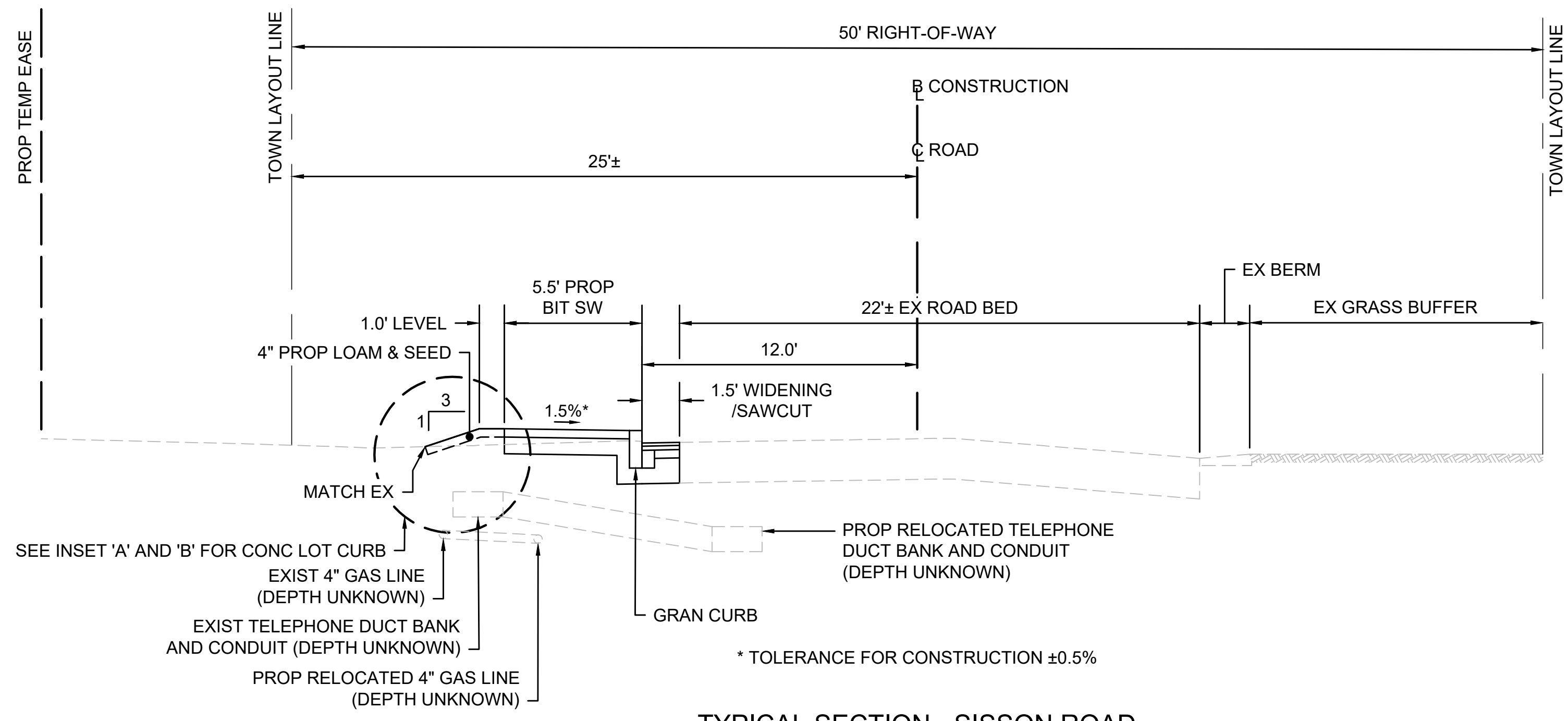
INSET 'B' - GURARDRAIL
STA. 206+44.35 RT TO STA. 208+15.09 RT
SCALE: 1" = 4'



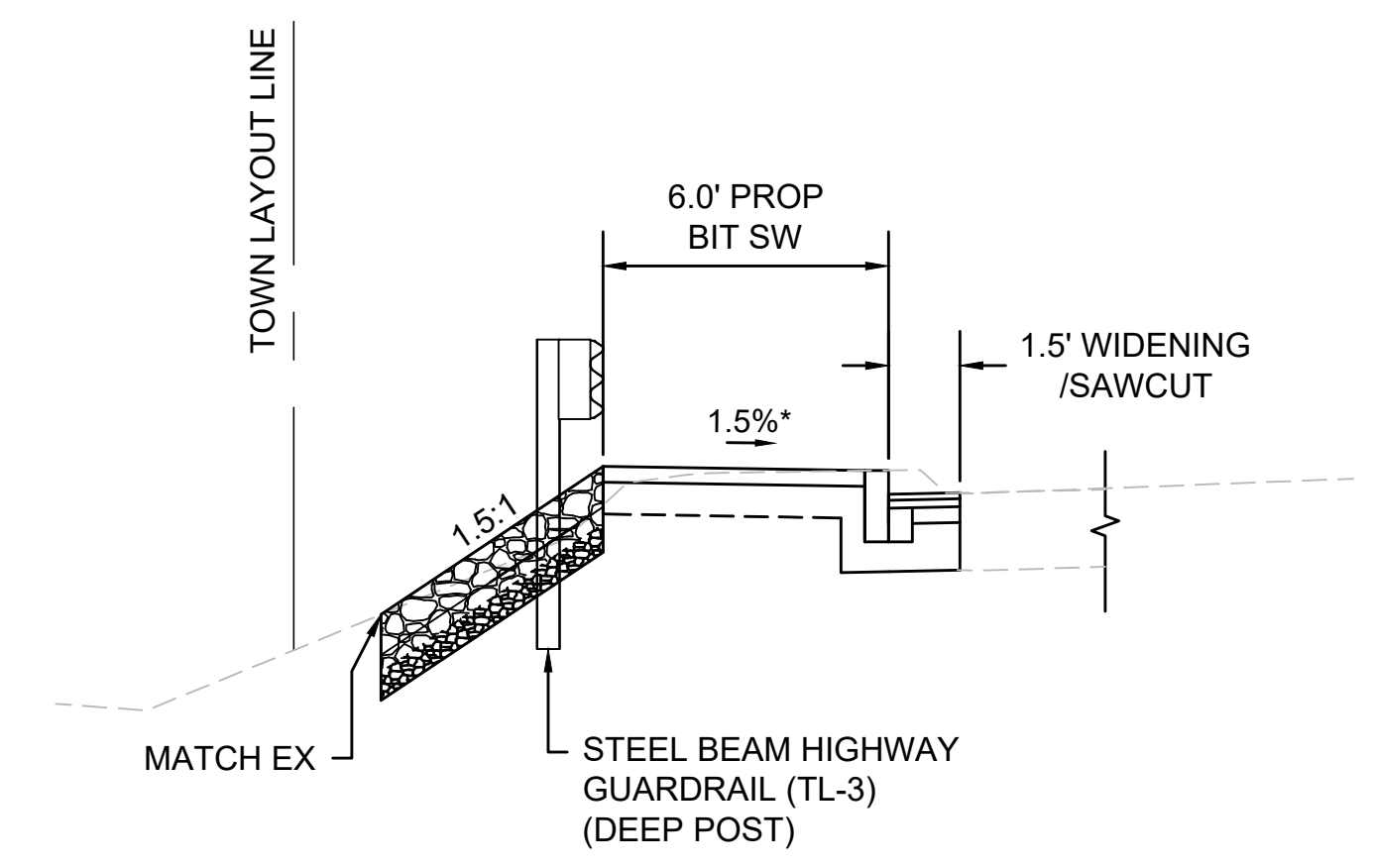
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	6	71
PROJECT FILE NO.		610670	

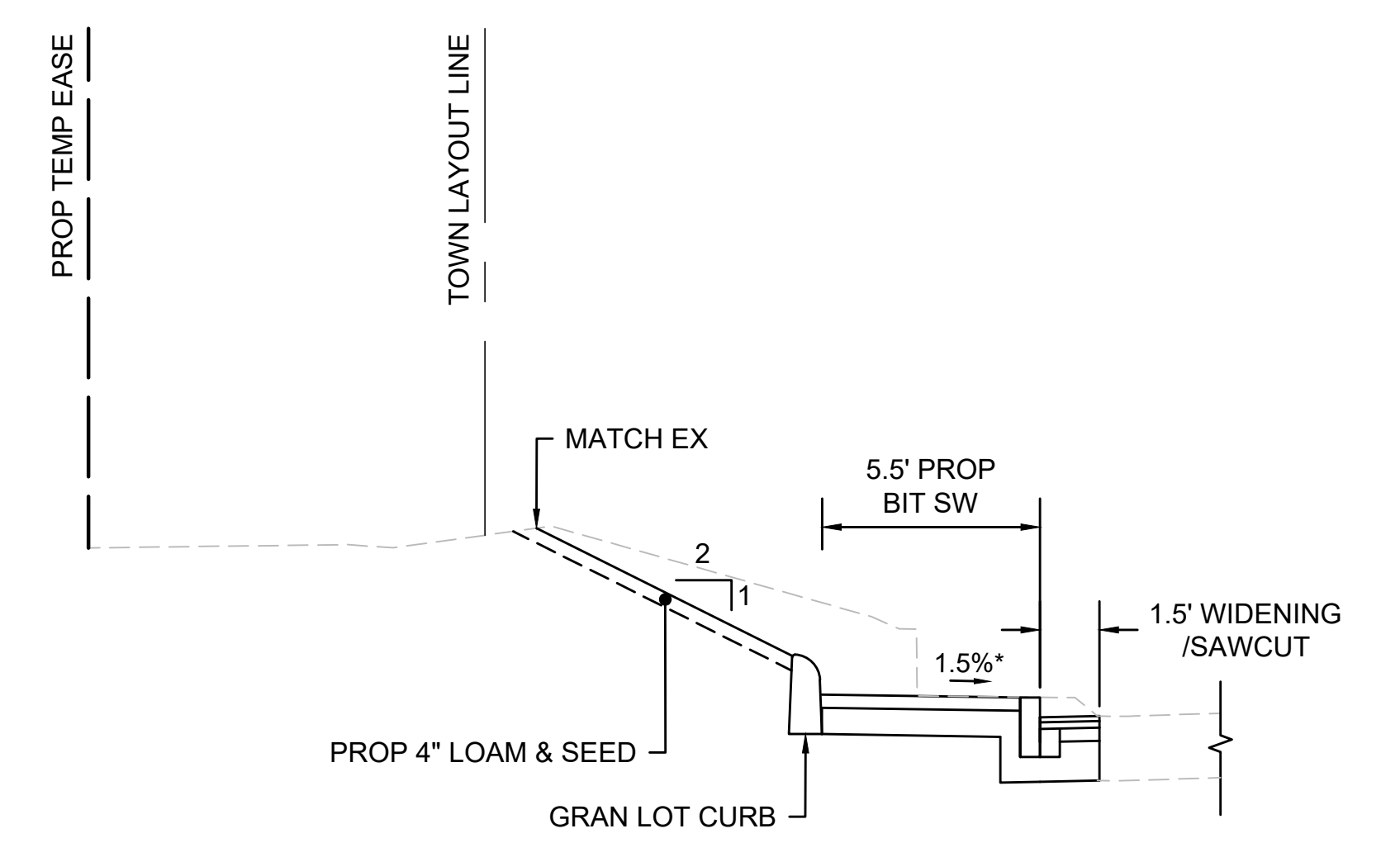
TYPICAL SECTIONS - 2



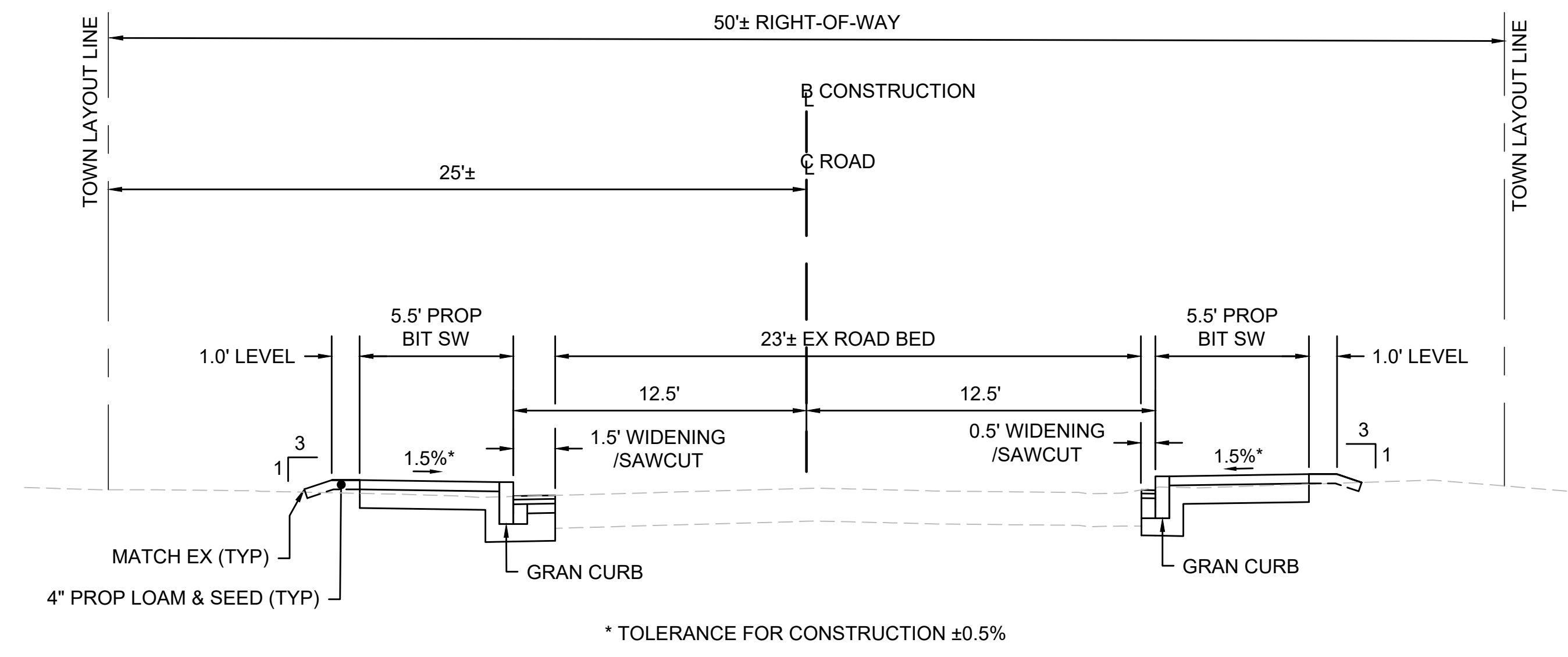
TYPICAL SECTION - SISSON ROAD
STA 51+90.00 TO STA 65+71.58
SCALE: 1" = 4'



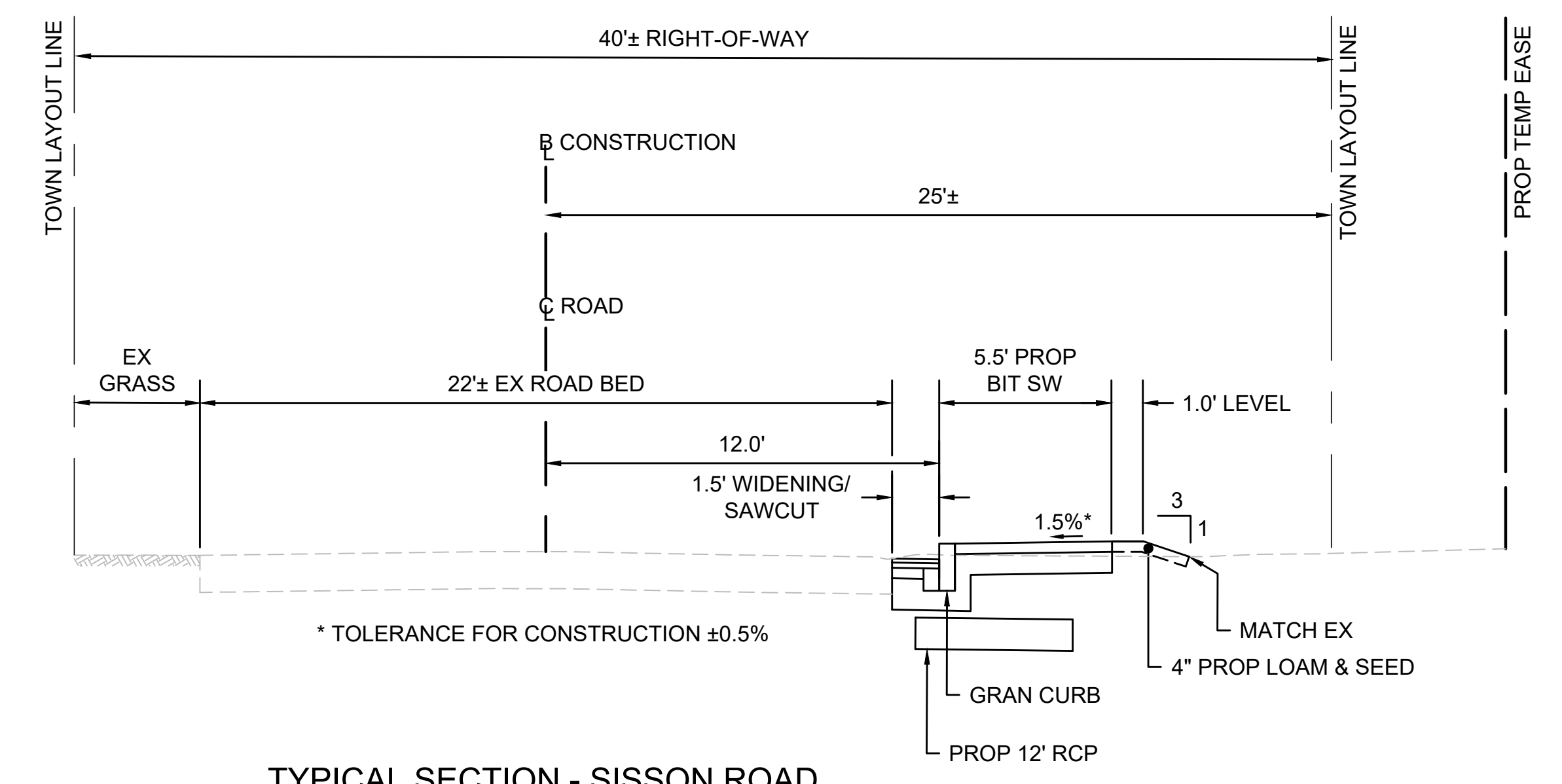
INSET 'A' - MODIFIED ROCK FILL SLOPE
STA. 59+10.00 TO STA. 60+30.00
SCALE: 1" = 4'



INSET 'B' - GRAN LOT CURB
STA. 61+05.00 TO STA. 62+30.00
SCALE: 1" = 4'



TYPICAL SECTION - SISSON ROAD
STA 65+71.58 TO STA 67+60.06
SCALE: 1" = 4'



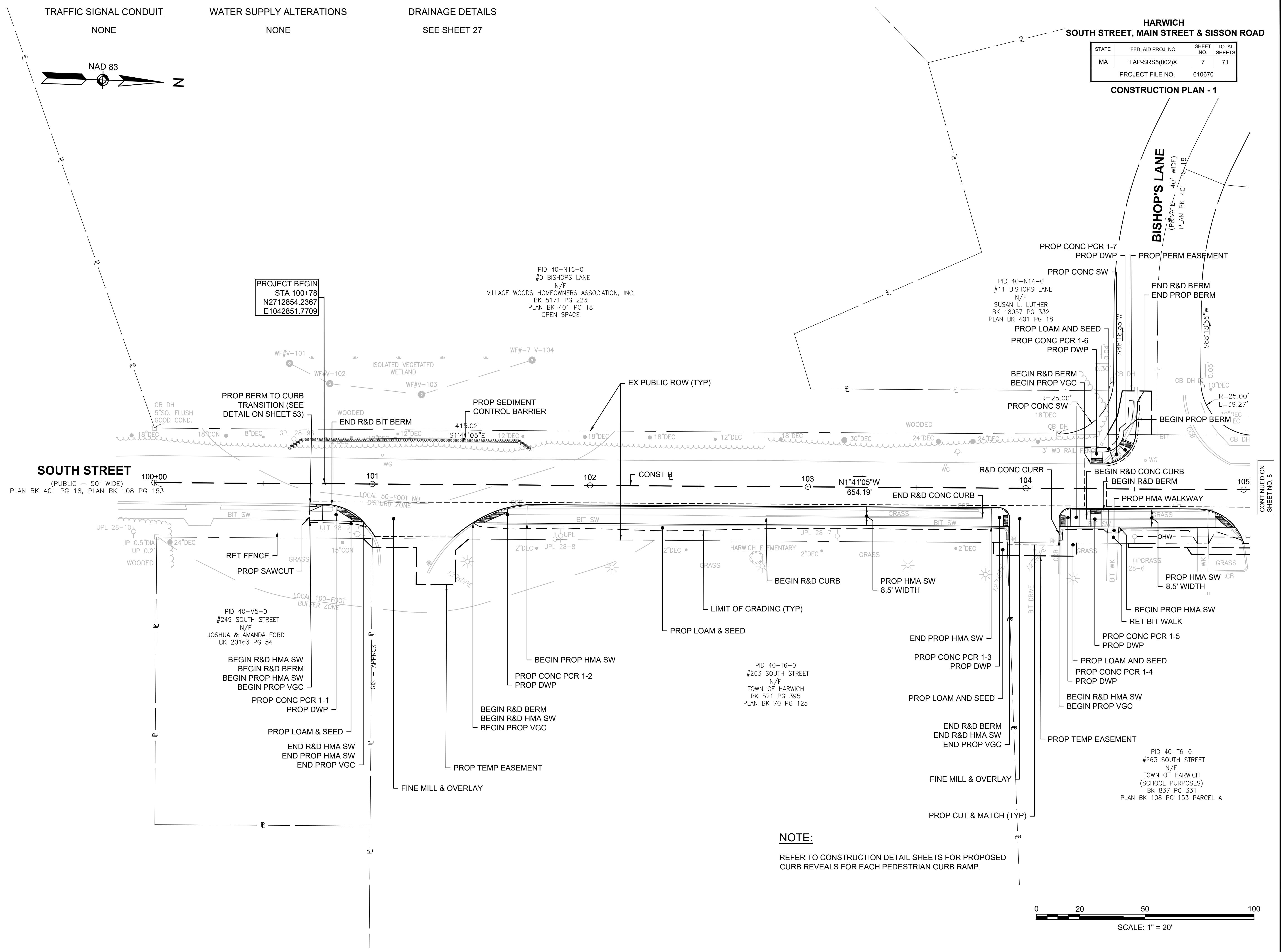
TYPICAL SECTION - SISSON ROAD
STA 67+81.03 TO STA 71+03.58
SCALE: 1" = 4'

HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT NONE
 WATER SUPPLY ALTERATIONS NONE
 DRAINAGE DETAILS SEE SHEET 27

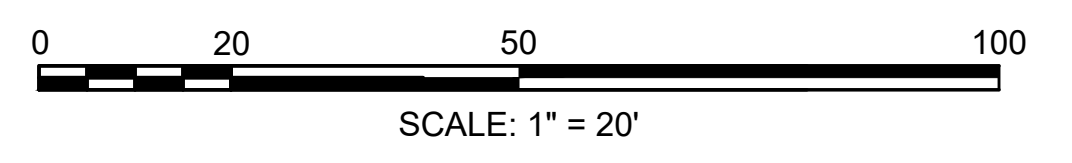
HARWICH
 SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	7	71
PROJECT FILE NO. 610670			

CONSTRUCTION PLAN - 1



NOTE:
 REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



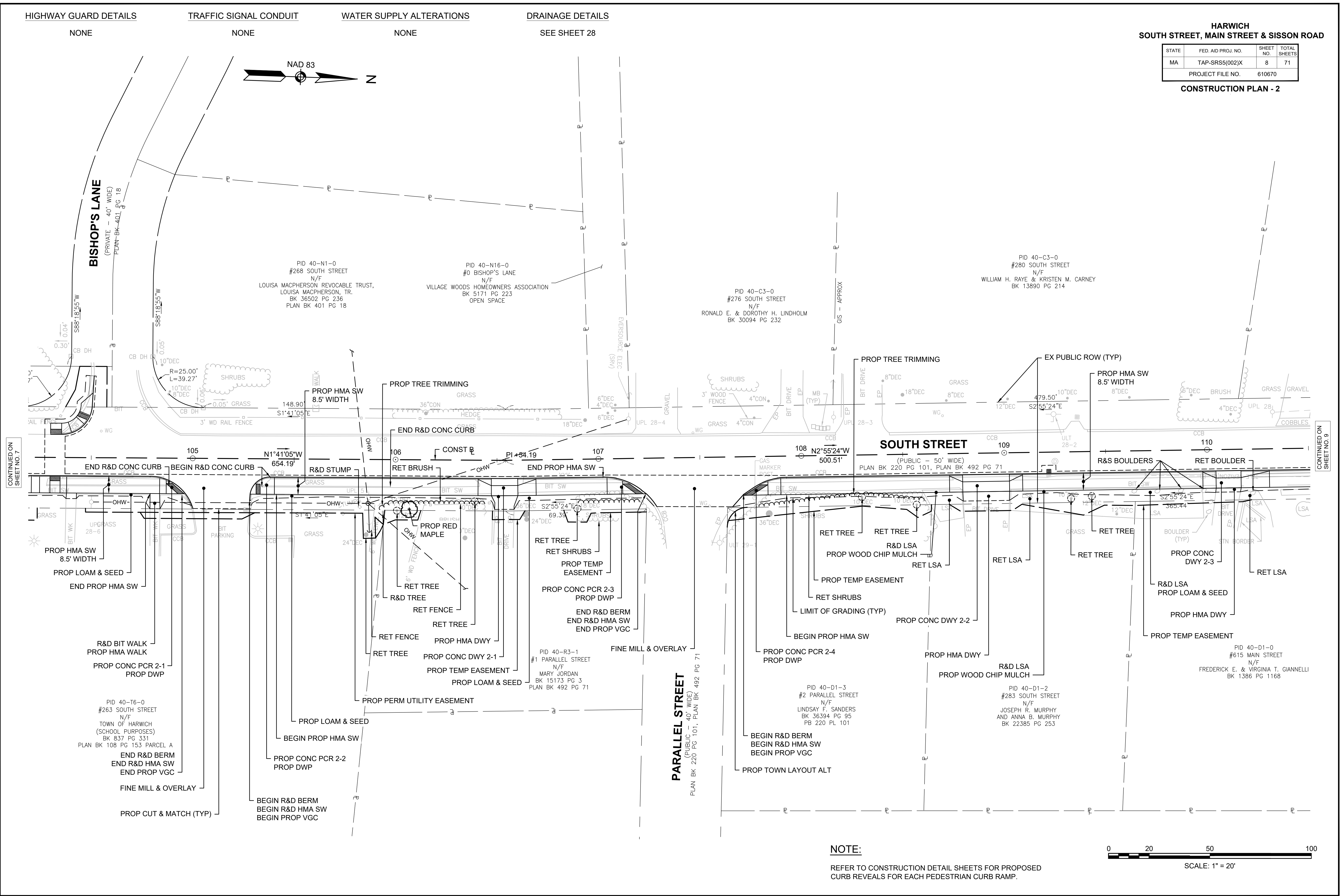
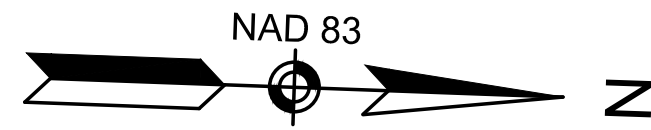
CONTINUED ON SHEET NO. 8

HIGHWAY GUARD DETAILS NONE TRAFFIC SIGNAL CONDUIT NONE WATER SUPPLY ALTERATIONS NONE DRAINAGE DETAILS SEE SHEET 28

HARWICH SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	8	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 2

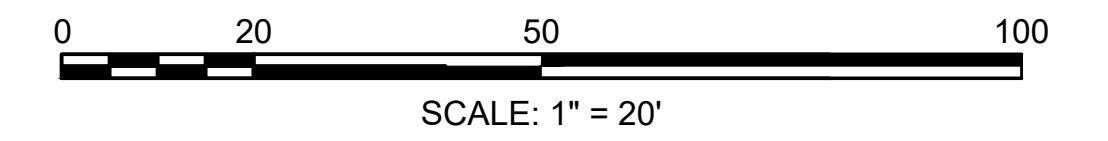


CONTINUED ON SHEET NO. 7

CONTINUED ON SHEET NO. 9

NOTE:

REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

NONE

NONE

NONE

SEE SHEET 29

HARWICH SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	9	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 3



PID 40-A1-1
#606 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

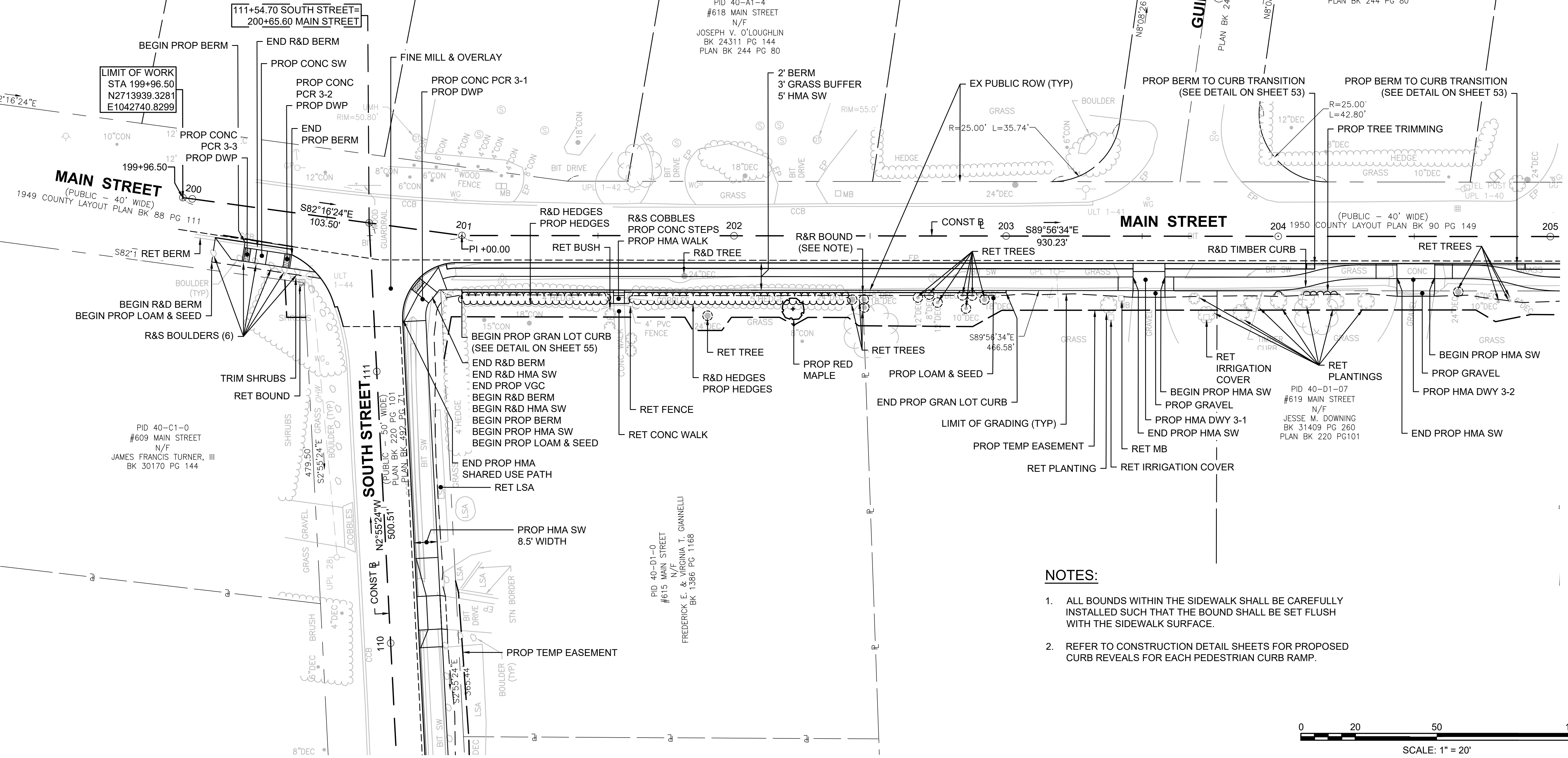
PID 40-A1-2
#610 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-3
#614 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-4
#618 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-5
#622 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-6
#628 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80



MAIN STREET
(PUBLIC - 40' WIDE)
1949 COUNTY LAYOUT PLAN BK 88 PG 111

MAIN STREET
(PUBLIC - 40' WIDE)
COUNTY LAYOUT PLAN BK 90 PG 149

SOUTH STREET
(PUBLIC - 40' WIDE)
PLAN BK 220 PG 101
PLAN BK 492 PG 211

GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

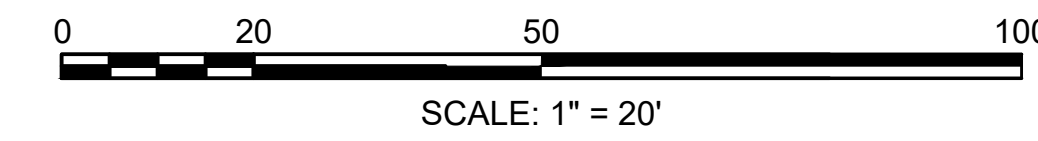
PID 40-C1-0
#609 MAIN STREET
N/F
JAMES FRANCIS TURNER, III
BK 30170 PG 144

PID 40-D1-0
#615 MAIN STREET
N/F
FREDERICK E. & VIRGINIA T. GANNELLI
BK 1386 PG 1168

PID 40-D1-07
#619 MAIN STREET
N/F
JESSE M. DOWNING
BK 31409 PG 260
PLAN BK 220 PG 101

NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO.8

CONTINUED ON SHEET NO.10

HIGHWAY GUARD DETAILS TRAFFIC SIGNAL CONDUIT WATER SUPPLY ALTERATIONS DRAINAGE DETAILS

GUARDRAIL TANGENT END TREATMENT (TL-3)
STA 206+43.48 RT TO STA 206+80.98 RT

GUARDRAIL, TL-3 (SINGLE-FACED) (DEEP POST)
STA 206+80.98 RT TO STA 207+73.32 RT

TRAILING ANCHORAGE
STA 207+73.32 RT TO STA 207+84.44 RT

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	10	71
PROJECT FILE NO.		610670	

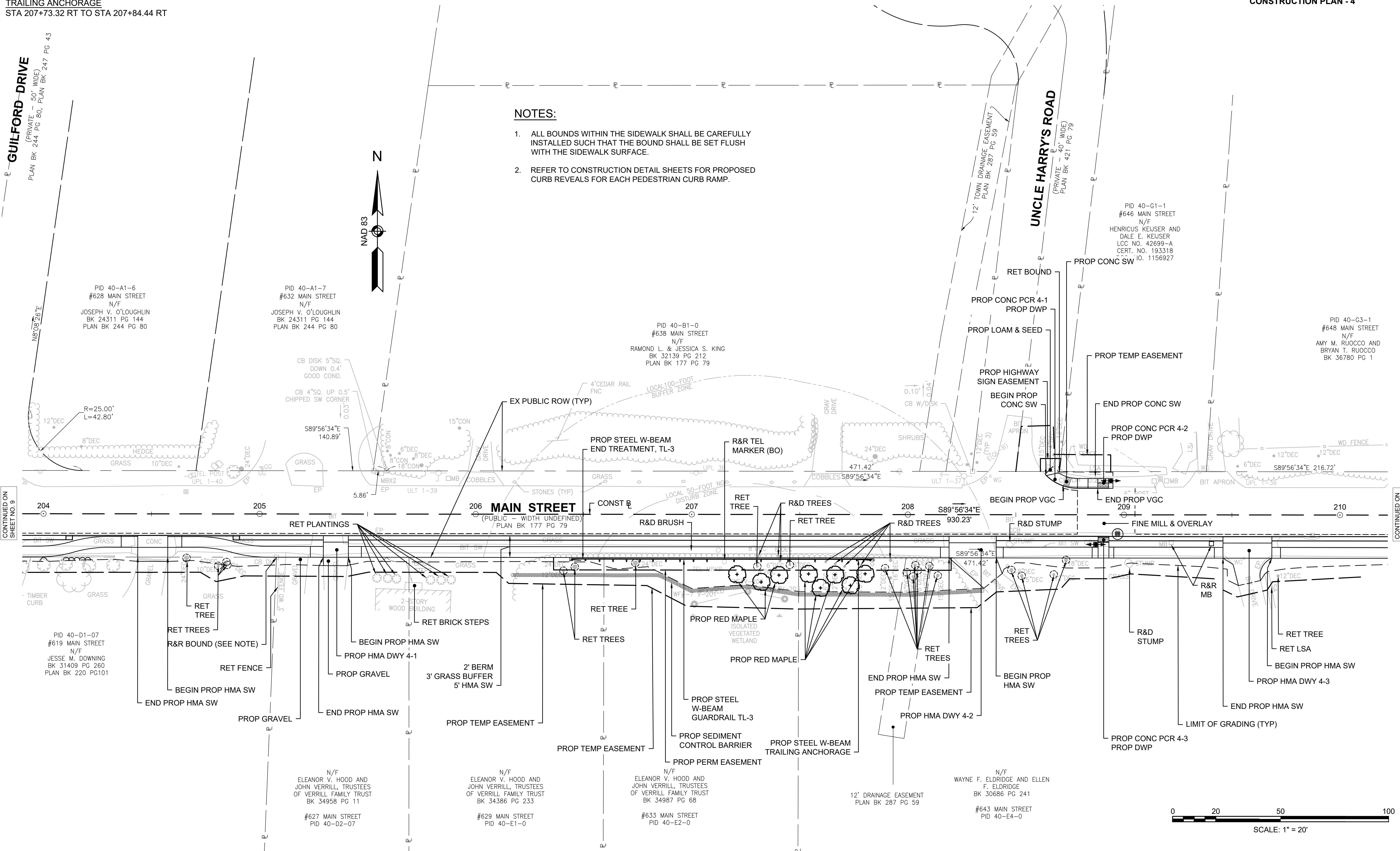
CONSTRUCTION PLAN - 4

NOTES:

- ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
- REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.

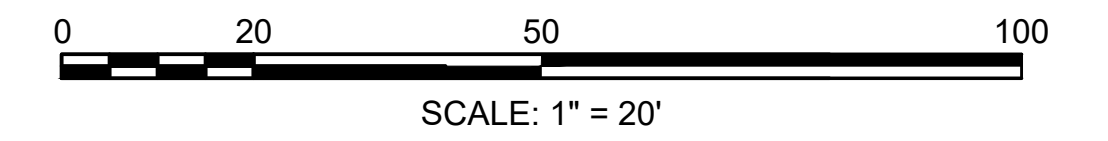
GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

UNCLE HARRY'S ROAD
(PRIVATE - 40' WIDE)
PLAN BK 421 PG 79



CONTINUED ON SHEET NO. 9

CONTINUED ON SHEET NO. 11

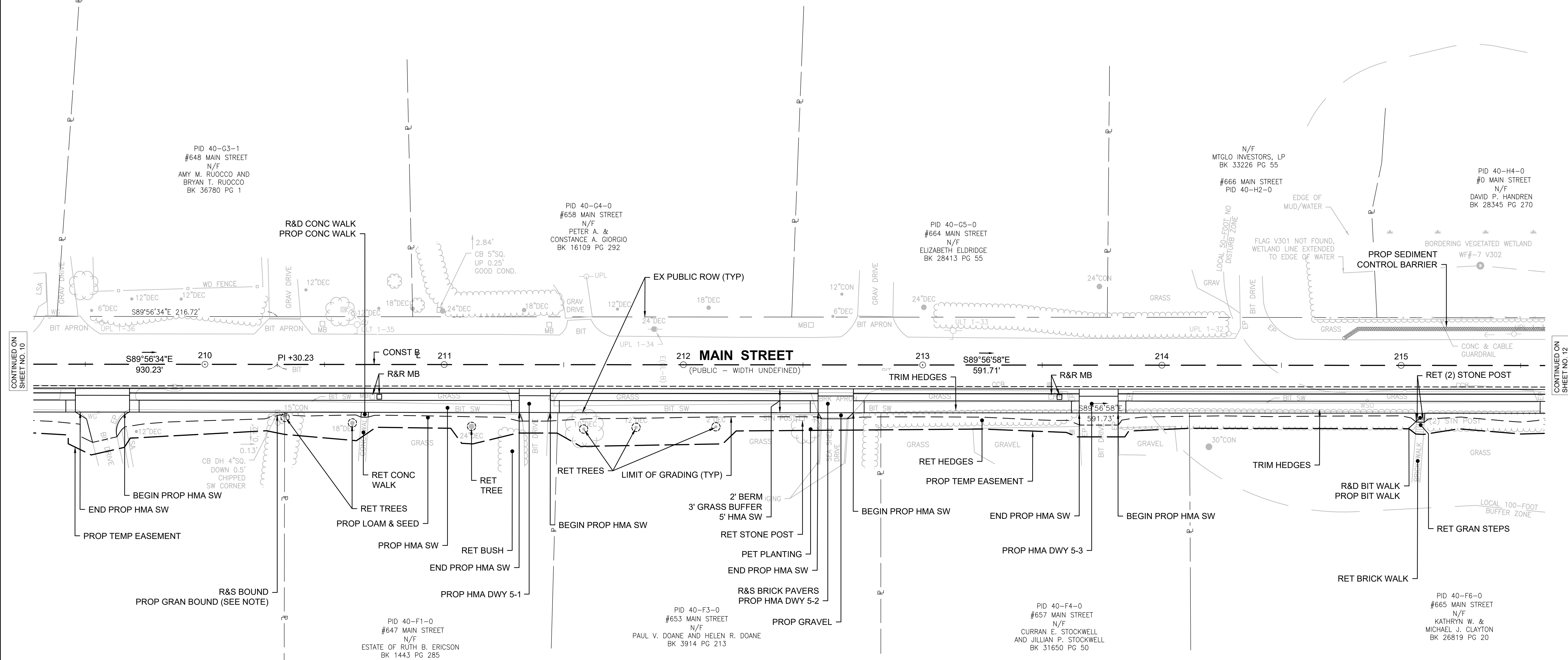
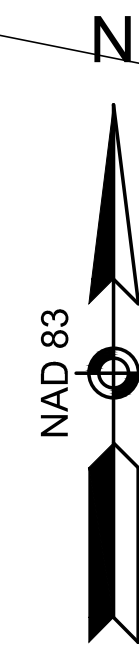


HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT NONE
 WATER SUPPLY ALTERATIONS NONE
 DRAINAGE DETAILS SEE SHEET 31

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	11	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 5

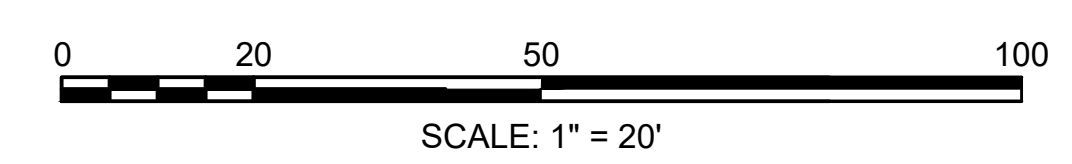


CONTINUED ON SHEET NO. 10

CONTINUED ON SHEET NO. 12

NOTES:

- ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
- REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.

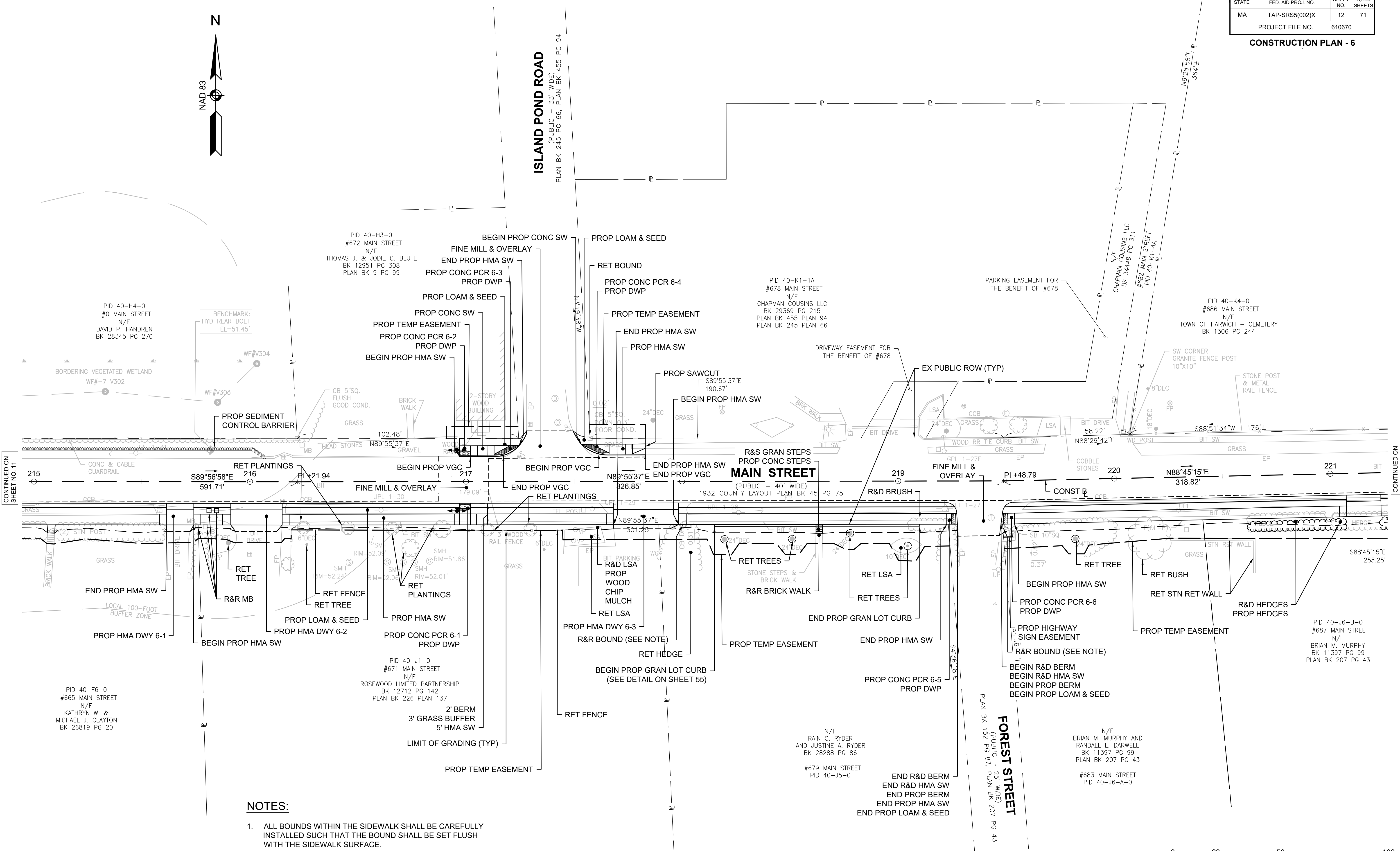
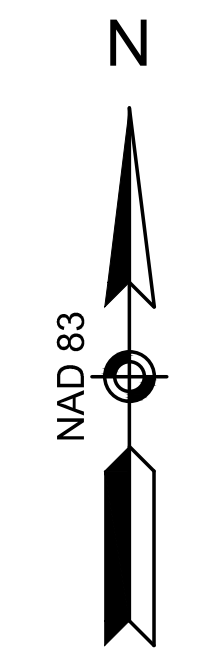


HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT NONE
 WATER SUPPLY ALTERATIONS NONE
 DRAINAGE DETAILS SEE SHEET 32

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

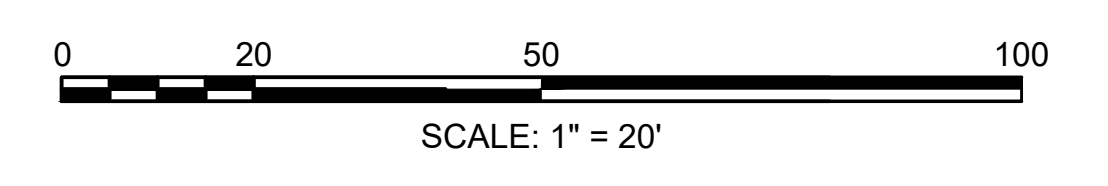
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(002)X	12	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 6



NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO. 11

CONTINUED ON SHEET NO. 16

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

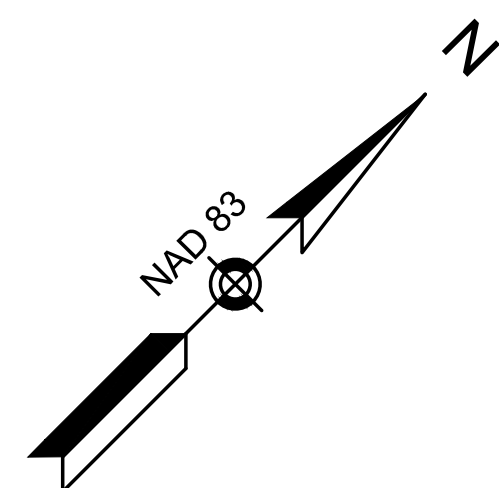
DRAINAGE DETAILS

SEE SHEET 33

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	13	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 7



PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
BK 521 PG 396
PLAN BK 70 PG 125

PID 40-T3
#220 SISSON ROAD
N/F
JUDITH ANNE UNDERWOOD
BK 23272 PG 197

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

PID 31-B5
#198 SISSON ROAD
N/F
ROBIN MILLEN
BK 36224 PG 2
PLAN BK 344 PG 80

PROP TEMP EASEMENT
END PROP HMA SW
PROP CONC PCR 7-1
PROP DWP
PROP LOAM & SEED

SCHOOL HOUSE DRIVE

BEGIN R&D BERM
BEGIN R&D HMA SW
BEGIN PROP VGC
BEGIN PROP HMA SW
BEGIN PROP LOAM & SEED

BEGIN PROP END SW
PROP SAWCUT
PROP CONC PCR 7-2
PROP DWP

RET BUSHES
END PROP HMA SW
PROP TEMP EASEMENT

PROP HMA DWY 7-1
PID 40-T1
#210 SISSON ROAD
N/F
DAVID R. & ANN E. LEFEBVRE
BK 32431 PG 269

PID 40-T2
#214 SISSON ROAD
THE WALPOLE
IRREVOCABLE TRUST, EMILY
WALPOLE, RENAUD, TR.
BK 37086 PG 141
PLAN BK 121 PLAN 93

BEGIN PROP HMA SW
RET COBBLE CURB

PROP GRAVEL
PROP HMA DWY 7-3

PROP TEMP EASEMENT

BEGIN PROP HMA SW

BEGIN PROP HMA SW

PROP HMA DWY 7-4

PROP GRAVEL

END PROP HMA SW

SISSON ROAD

(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 29

PROP SAWCUT
BEGIN R&D VGC
BEGIN PROP VGC

END R&D VGC
END PROP VGC

PROP CUT & MATCH

SISSON ROAD

(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 33

PROP HMA WALK

CONST

PROP PATCHING
PROP FINE MILL AND OVERLAY

R&R MB

RET HEDGES
TRIM HEDGES

PROJECT END
STA 51+90
N2712464.2065
E1043903.5892

PID 31-A2
#199 SISSON ROAD
N/F
JENNA R. COULSEY
BK 35181 PG 225

PID 31-A3
#205 SISSON ROAD
N/F
ZELCH IRREVOCABLE TRUST
GARY ZELCH AND ELIZABETH ZELCH, TR.
BK 36815 PG 127

PID 31-A4
#207 SISSON ROAD
N/F
MELISSA M. SOUTHWORTH
BK 33620 PG 45

PID 31-A5
#211 SISSON ROAD
N/F
THOMAS A. & CAROL J. THIBERT
BK 25754 PG 122

PID 31-D4-11
#3 CHLOES PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

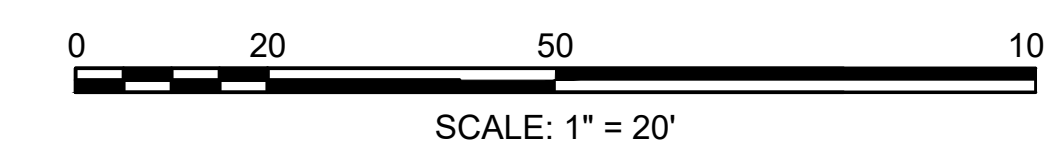
PID 31-D4-3
#4 CHLOES PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

CHLOE'S PATH
PRIVATE - 30' WIDE
PLAN BOOK 666, PAGE 21

NOTE:

- REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO. 14

610670_HD(CONST PLAN-7).DWG Plotted on 19-Mar-2026 11:45 AM

HIGHWAY GUARD DETAILS

STEEL W-BEAM TRAILING ANCHORAGE
STA 59+15.81 LT TO STA 59+26.93 LT
STA 60+46.58 LT TO STA 60+57.52 LT

THRIE-BEAM TO-W BEAM TRANSITION
STA 59+26.93 LT TO STA 59+33.18 LT
STA 60+40.33 LT TO STA 60+46.58 LT

STEEL THRIE-BEAM GUARDRAIL (TL-3) (DEEP POST)
(SEE DETAIL ON SHEET 54)
STA 59+33.18 LT TO STA 60+40.33 LT

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

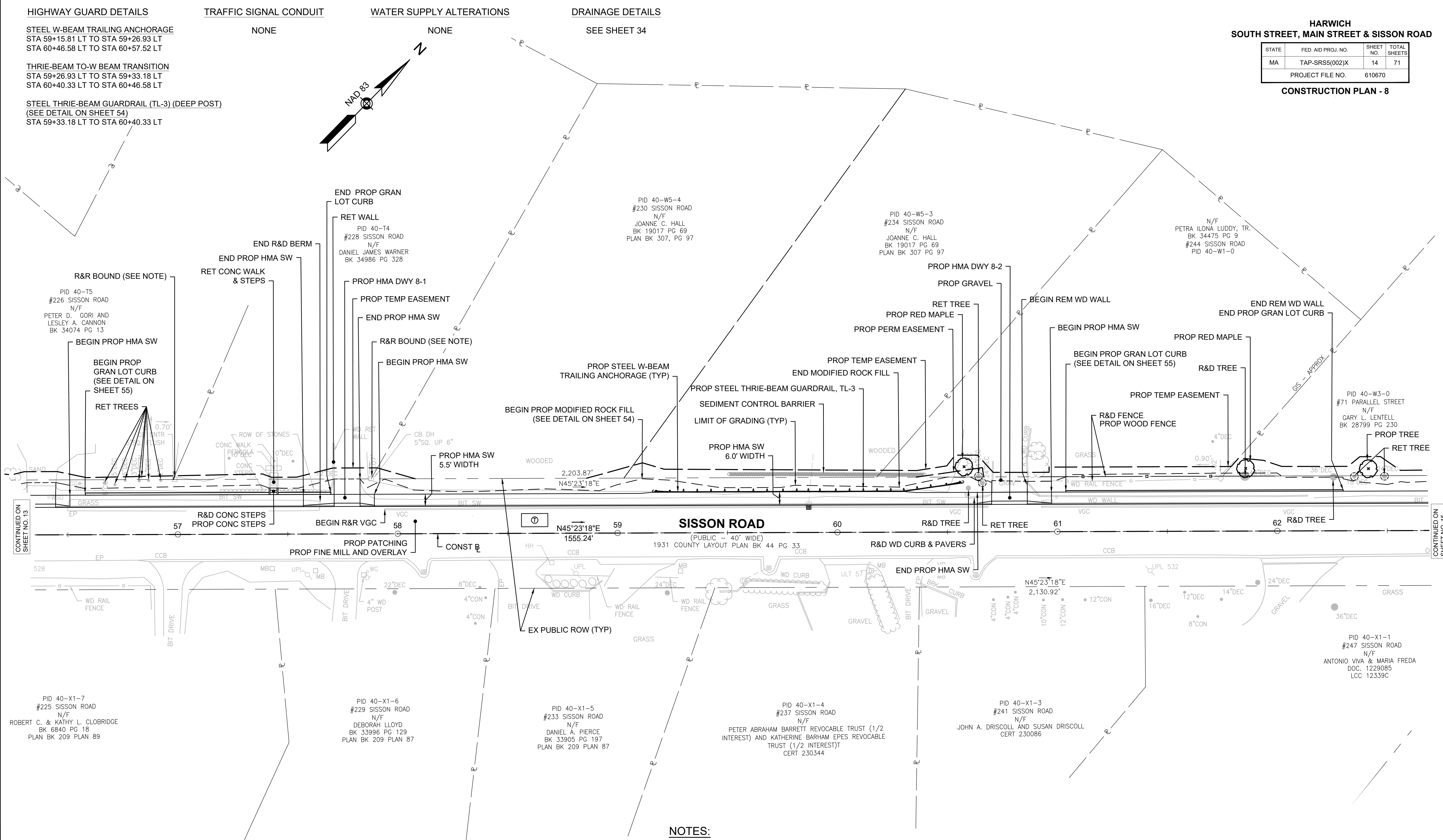
DRAINAGE DETAILS

SEE SHEET 34

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

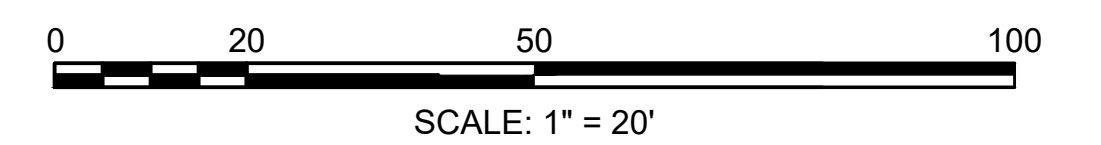
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	14	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 8



NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO. 13

CONTINUED ON SHEET NO. 15

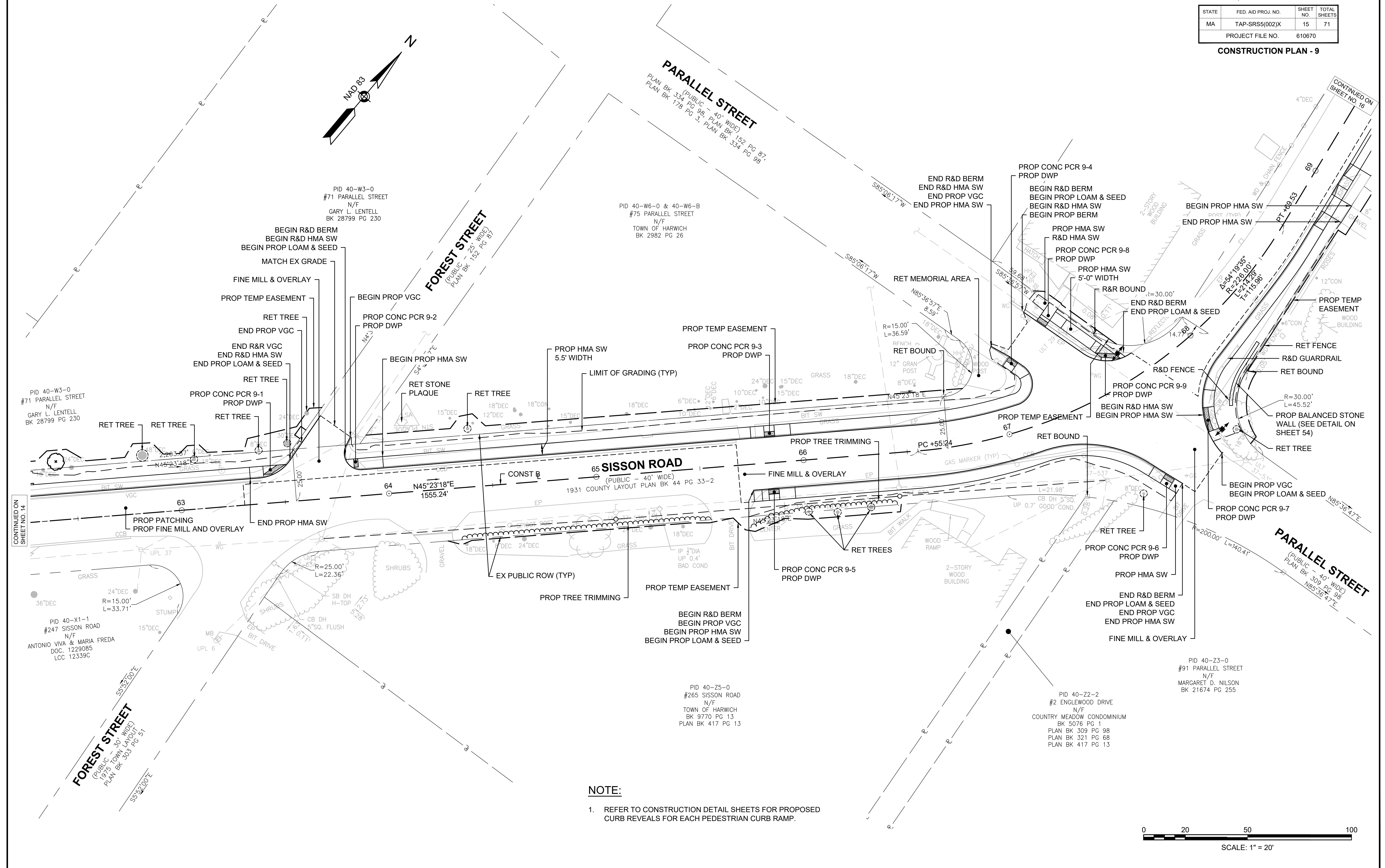
610670_HD(CONST PLAN-8).DWG Plotted on 19-Mar-2026 11:45 AM

HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT NONE
 WATER SUPPLY ALTERATIONS NONE
 DRAINAGE DETAILS SEE SHEET 35

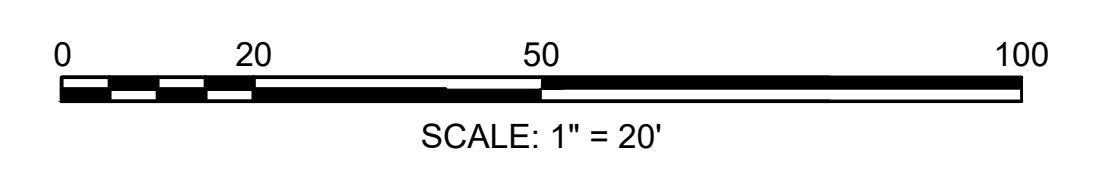
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	15	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 9



NOTE:
 1. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.

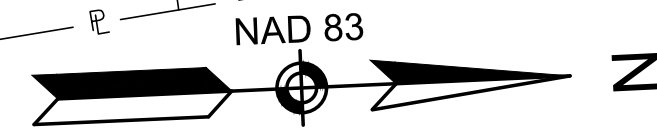


HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT NONE
 WATER SUPPLY ALTERATIONS NONE
 DRAINAGE DETAILS SEE SHEET 36

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	16	71
PROJECT FILE NO.		610670	

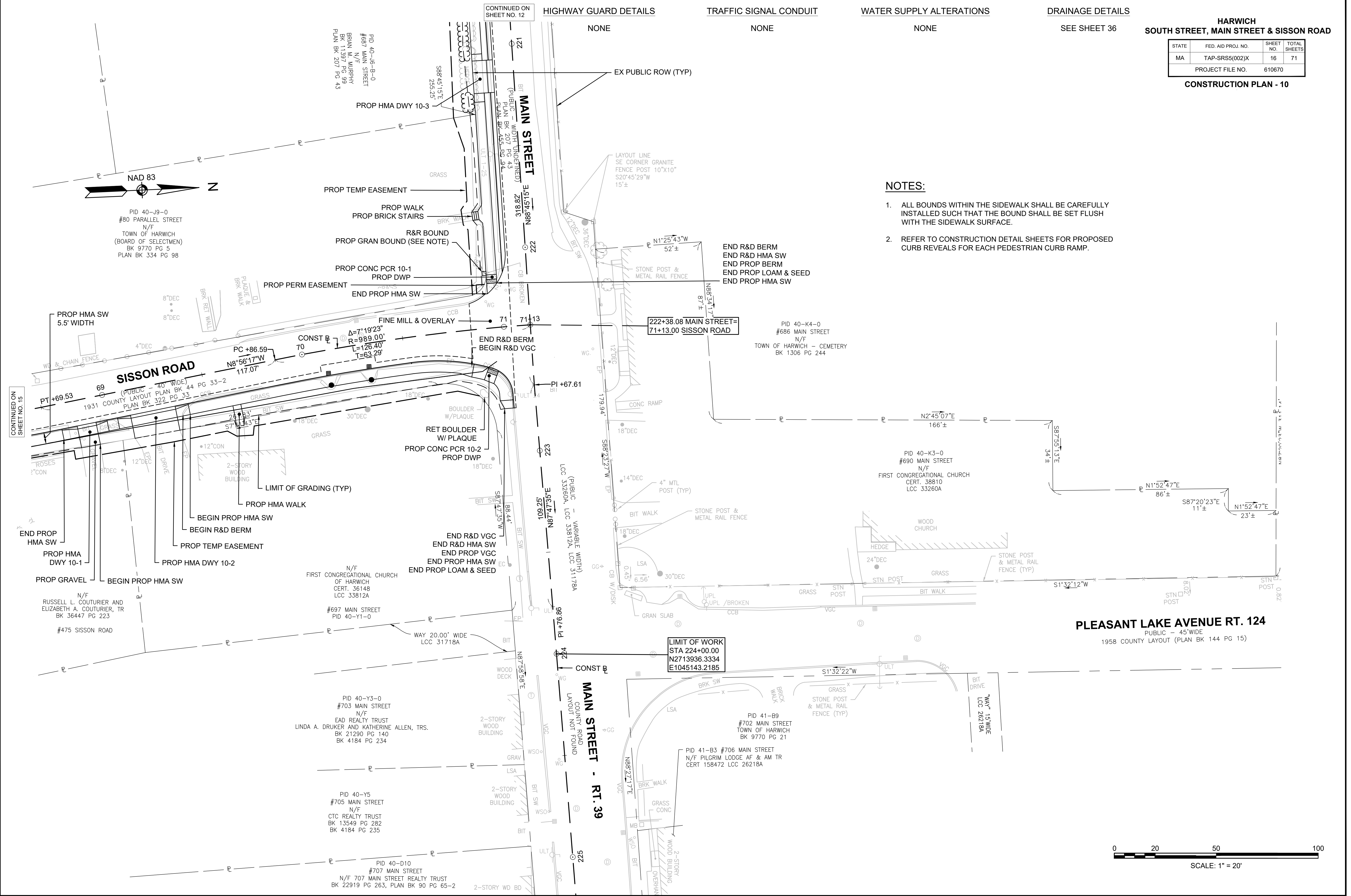
CONSTRUCTION PLAN - 10



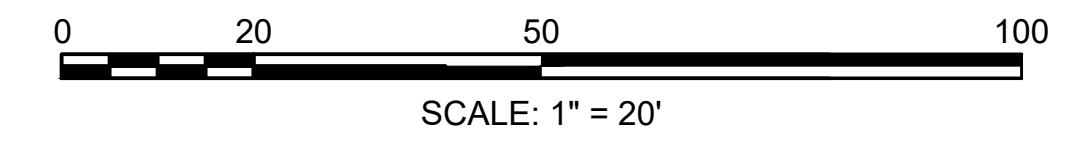
PID 40-09-0
 #80 PARALLEL STREET
 N/F
 TOWN OF HARWICH
 (BOARD OF SELECTMEN)
 BK 9770 PG 5
 PLAN BK 334 PG 98

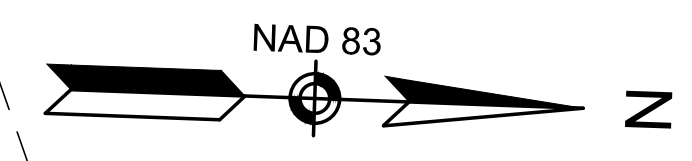
NOTES:

- ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
- REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



PLEASANT LAKE AVENUE RT. 124
 PUBLIC - 45' WIDE
 1958 COUNTY LAYOUT (PLAN BK 144 PG 15)

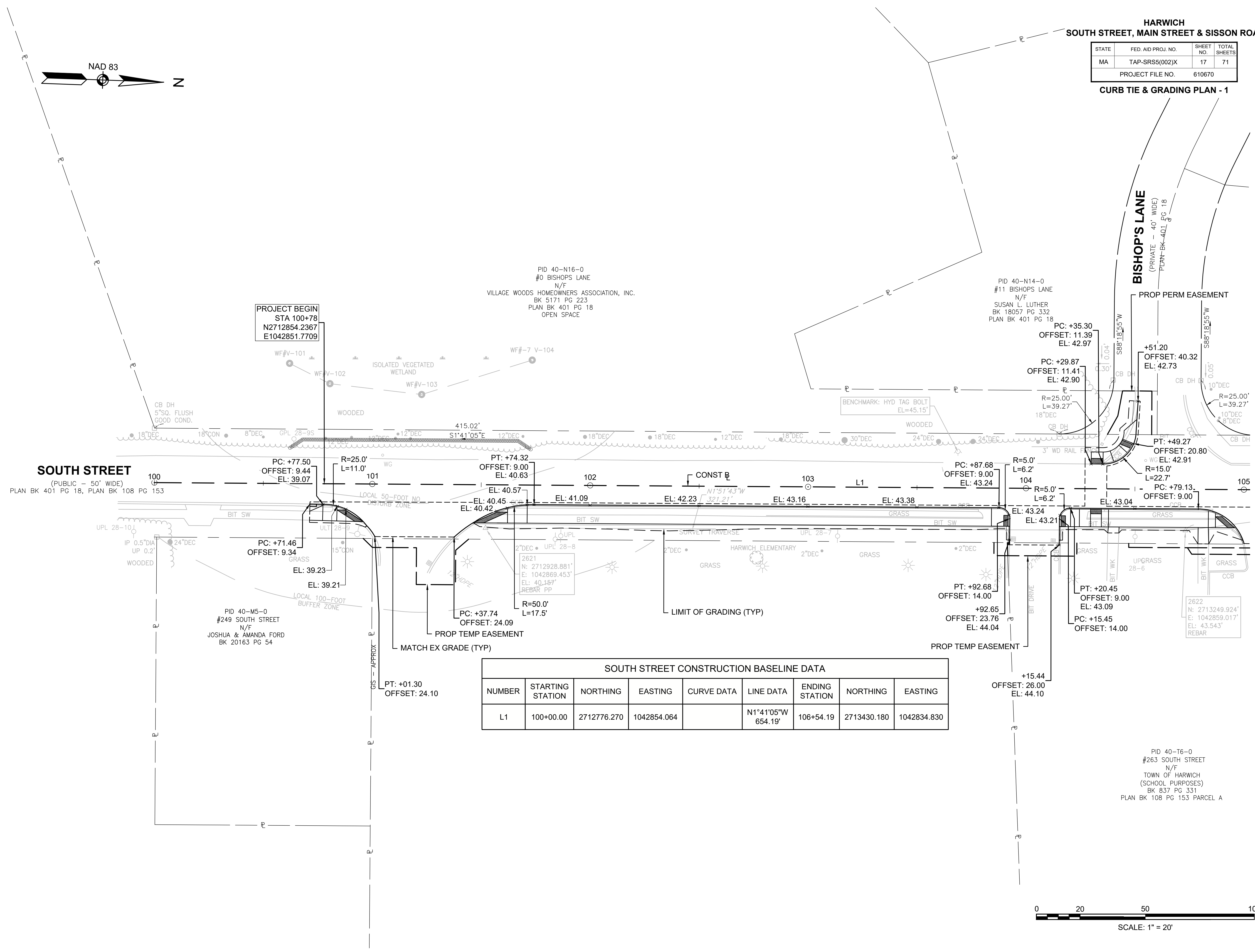




HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	17	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 1



PROJECT BEGIN
STA 100+78
N2712854.2367
E1042851.7709

PID 40-N16-0
#0 BISHOPS LANE
N/F
VILLAGE WOODS HOMEOWNERS ASSOCIATION, INC.
BK 5171 PG 223
PLAN BK 401 PG 18
OPEN SPACE

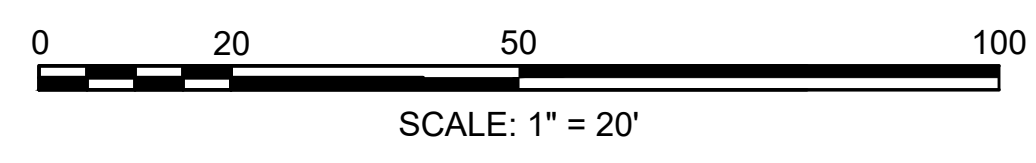
PID 40-N14-0
#11 BISHOPS LANE
N/F
SUSAN L. LUTHER
BK 18057 PG 332
PLAN BK 401 PG 18

SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 401 PG 18, PLAN BK 108 PG 153

PID 40-M5-0
#249 SOUTH STREET
N/F
JOSHUA & AMANDA FORD
BK 20163 PG 54

PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
(SCHOOL PURPOSES)
BK 837 PG 331
PLAN BK 108 PG 153 PARCEL A

SOUTH STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	100+00.00	2712776.270	1042854.064		N1°41'05"W 654.19'	106+54.19	2713430.180	1042834.830



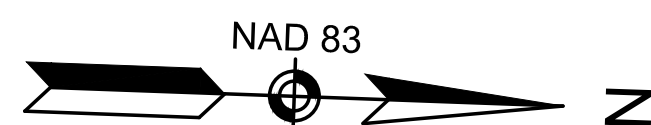
CONTINUED ON SHEET NO. 18

610670_HD(TIE & GRADING-1).DWG Plotted on 19-Mar-2026 11:45 AM

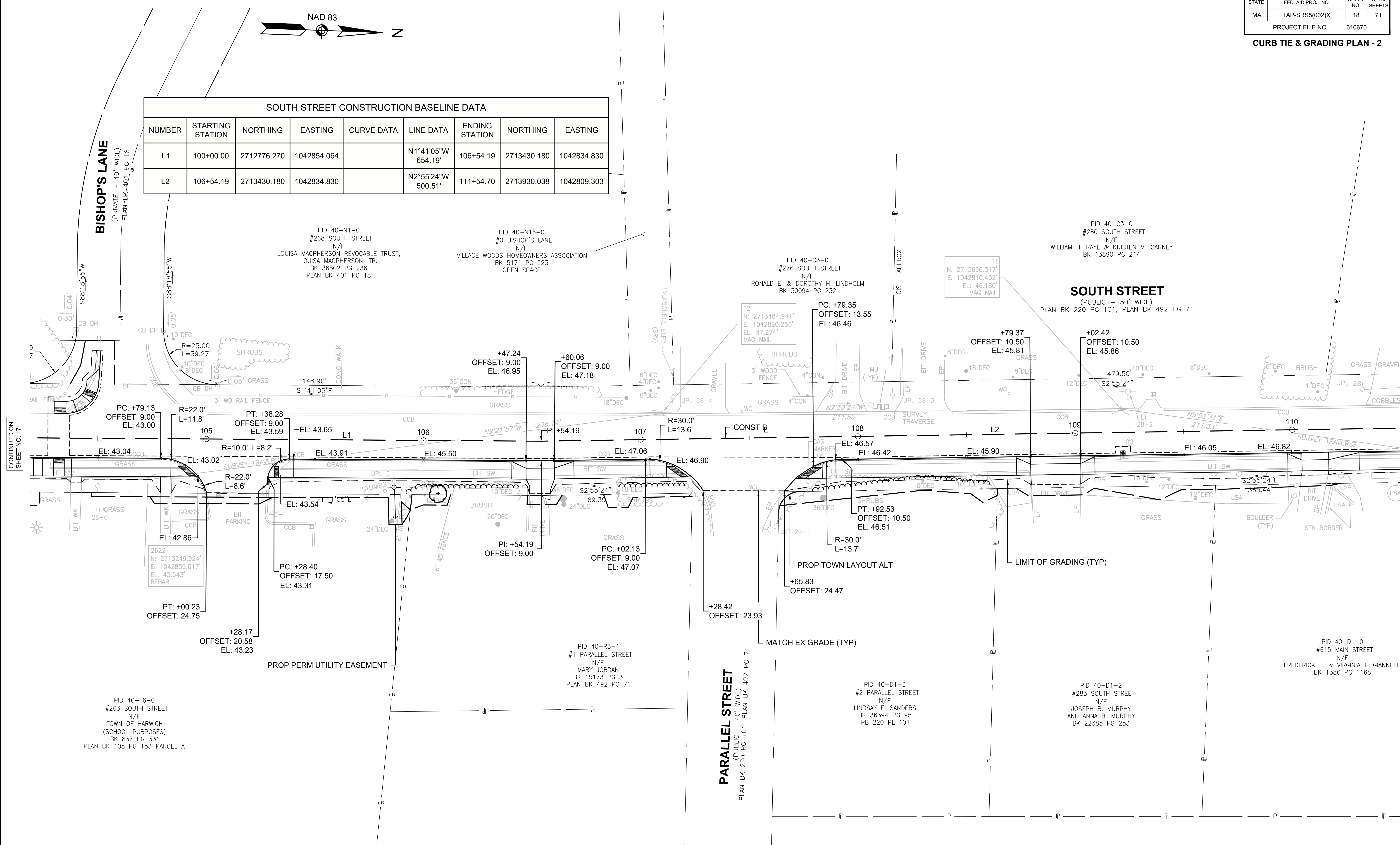
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	18	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 2

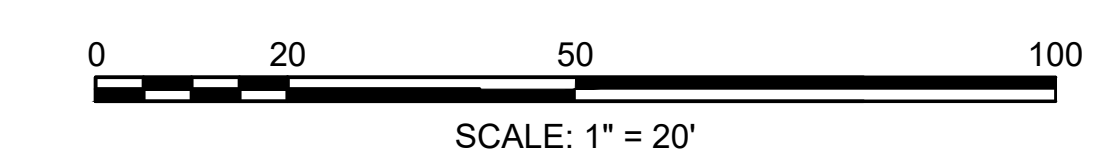


SOUTH STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	100+00.00	2712776.270	1042854.064		N1°41'05"W 654.19'	106+54.19	2713430.180	1042834.830
L2	106+54.19	2713430.180	1042834.830		N2°55'24"W 500.51'	111+54.70	2713930.038	1042809.303



CONTINUED ON SHEET NO. 17

CONTINUED ON SHEET NO. 19

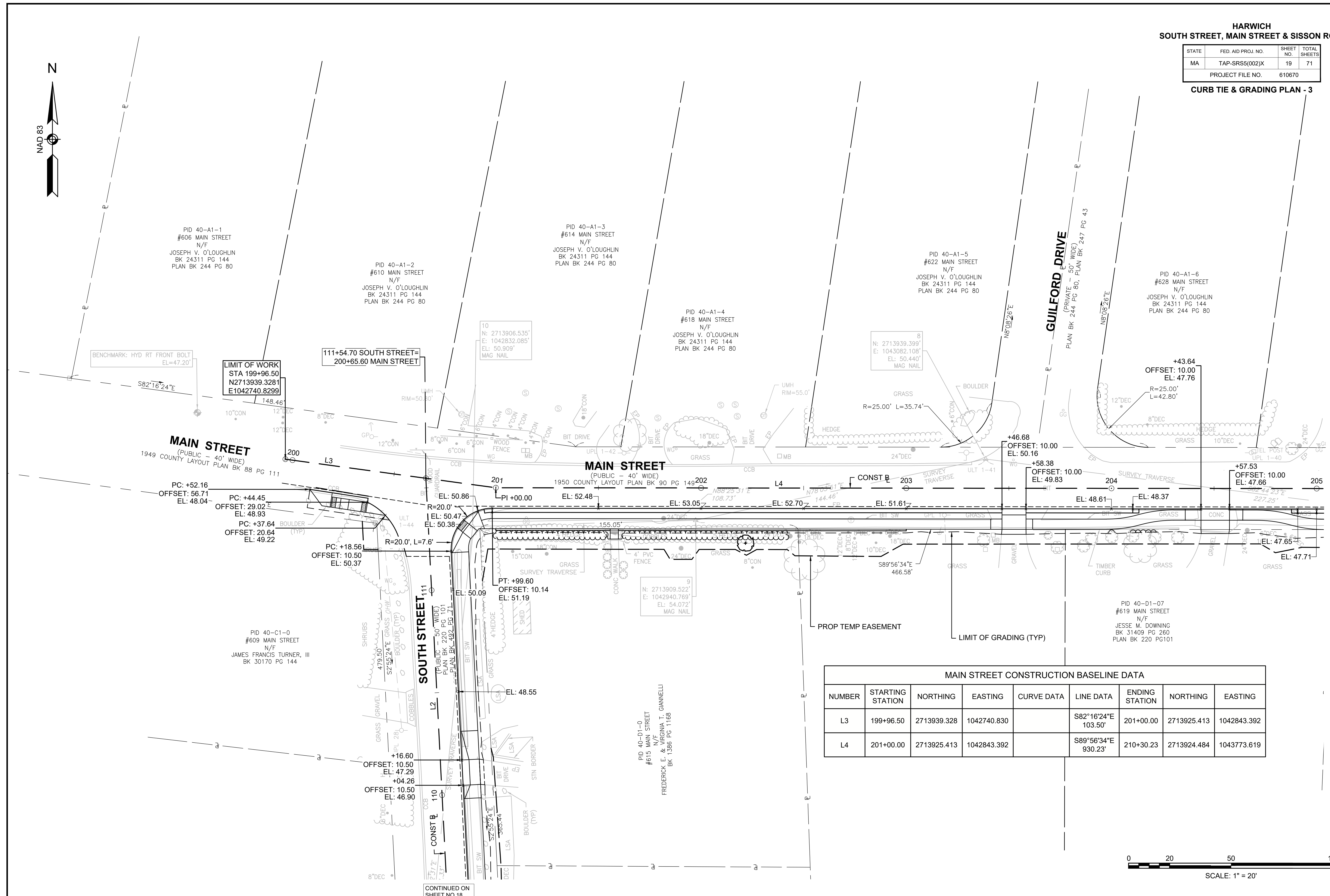
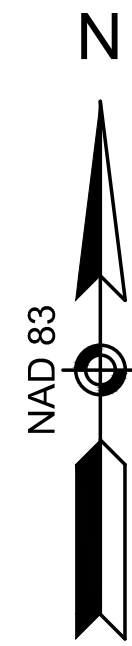


610670_HD(TIE & GRADING-2).DWG Plotted on 19-Mar-2026 11:45 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	19	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 3



PID 40-A1-1 #606 MAIN STREET N/F JOSEPH V. O'LOUGHLIN BK 24311 PG 144 PLAN BK 244 PG 80

PID 40-A1-2 #610 MAIN STREET N/F JOSEPH V. O'LOUGHLIN BK 24311 PG 144 PLAN BK 244 PG 80

PID 40-A1-3 #614 MAIN STREET N/F JOSEPH V. O'LOUGHLIN BK 24311 PG 144 PLAN BK 244 PG 80

PID 40-A1-4 #618 MAIN STREET N/F JOSEPH V. O'LOUGHLIN BK 24311 PG 144 PLAN BK 244 PG 80

PID 40-A1-5 #622 MAIN STREET N/F JOSEPH V. O'LOUGHLIN BK 24311 PG 144 PLAN BK 244 PG 80

PID 40-A1-6 #628 MAIN STREET N/F JOSEPH V. O'LOUGHLIN BK 24311 PG 144 PLAN BK 244 PG 80

PID 40-C1-0 #609 MAIN STREET N/F JAMES FRANCIS TURNER, III BK 30170 PG 144

PID 40-D1-0 #615 MAIN STREET N/F FREDERICK E. & VIRGINIA T. GANNELLI BK 1386 PG 1166

PID 40-D1-07 #619 MAIN STREET N/F JESSE M. DOWNING BK 31409 PG 260 PLAN BK 220 PG101

BENCHMARK: HYD RT FRONT BOLT
EL=47.20'

LIMIT OF WORK
STA 199+96.50
N2713939.3281
E1042740.8299

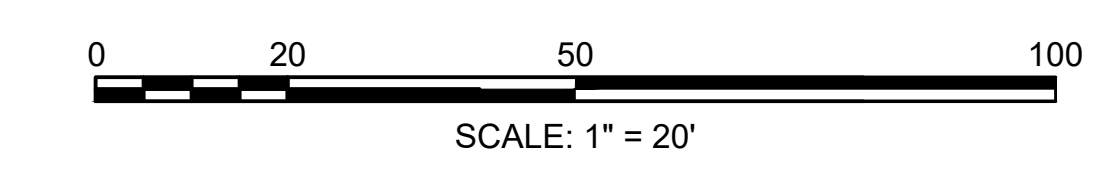
111+54.70 SOUTH STREET=
200+65.60 MAIN STREET

10
N: 2713906.535'
E: 1042832.085'
EL: 50.909'
MAG NAIL

8
N: 2713939.399'
E: 1043082.108'
EL: 50.440'
MAG NAIL

9
N: 2713909.522'
E: 1042940.769'
EL: 54.072'
MAG NAIL

MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L3	199+96.50	2713939.328	1042740.830		S82°16'24"E 103.50'	201+00.00	2713925.413	1042843.392
L4	201+00.00	2713925.413	1042843.392		S89°56'34"E 930.23'	210+30.23	2713924.484	1043773.619



CONTINUED ON
SHEET NO. 20

CONTINUED ON
SHEET NO. 18

MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	201+00.00	2713925.413	1042843.392		S89°56'34"E 930.23'	210+30.23	2713924.484	1043773.619

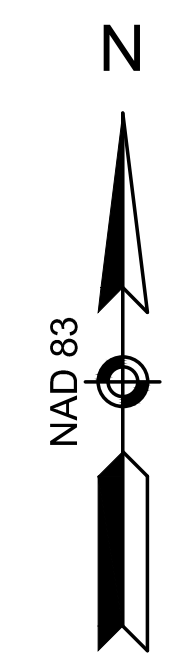
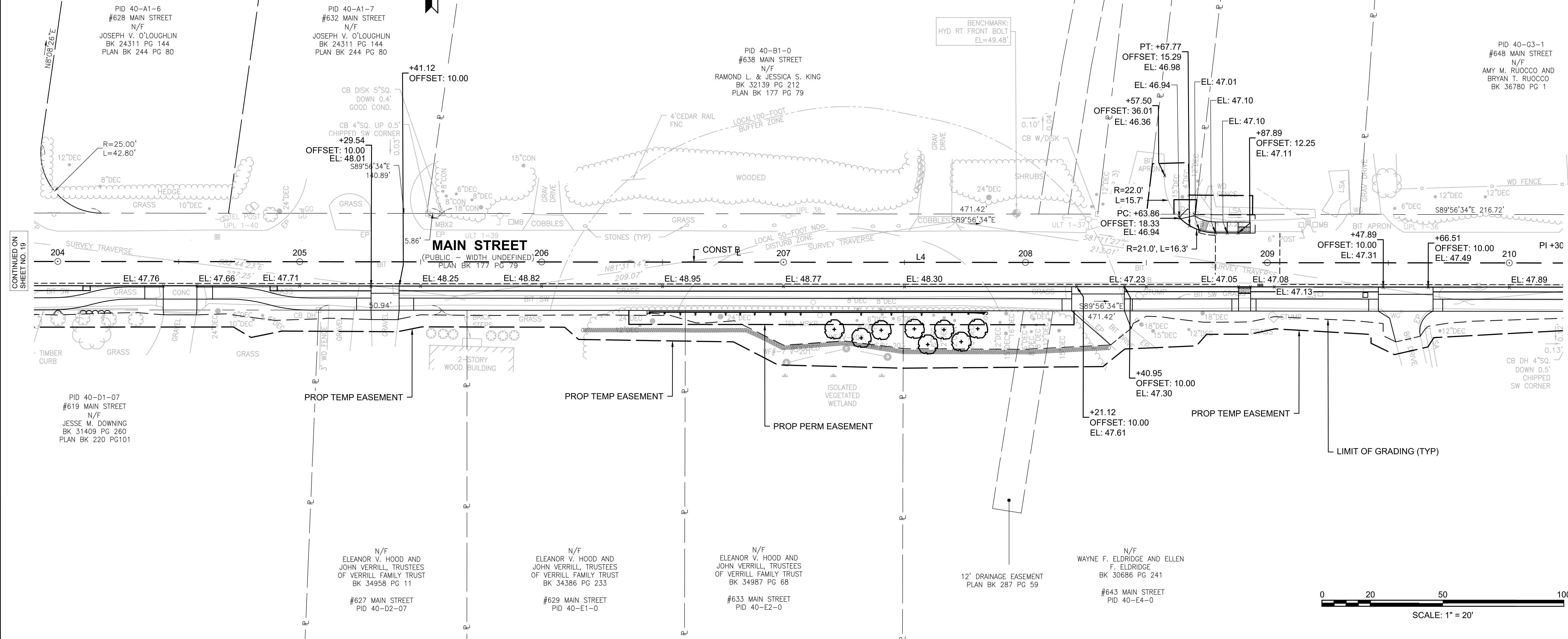
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	20	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 4

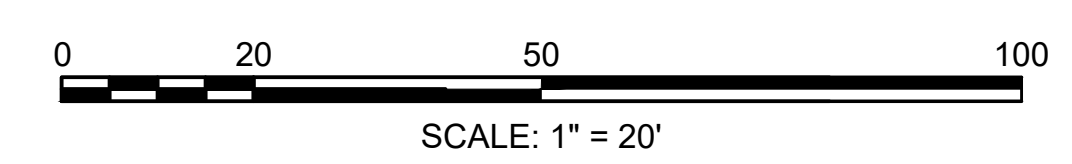
GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

UNCLE HARRY'S ROAD
(PRIVATE - 40' WIDE)
PLAN BK 421 PG 79



CONTINUED ON
SHEET NO. 19

CONTINUED ON
SHEET NO. 21

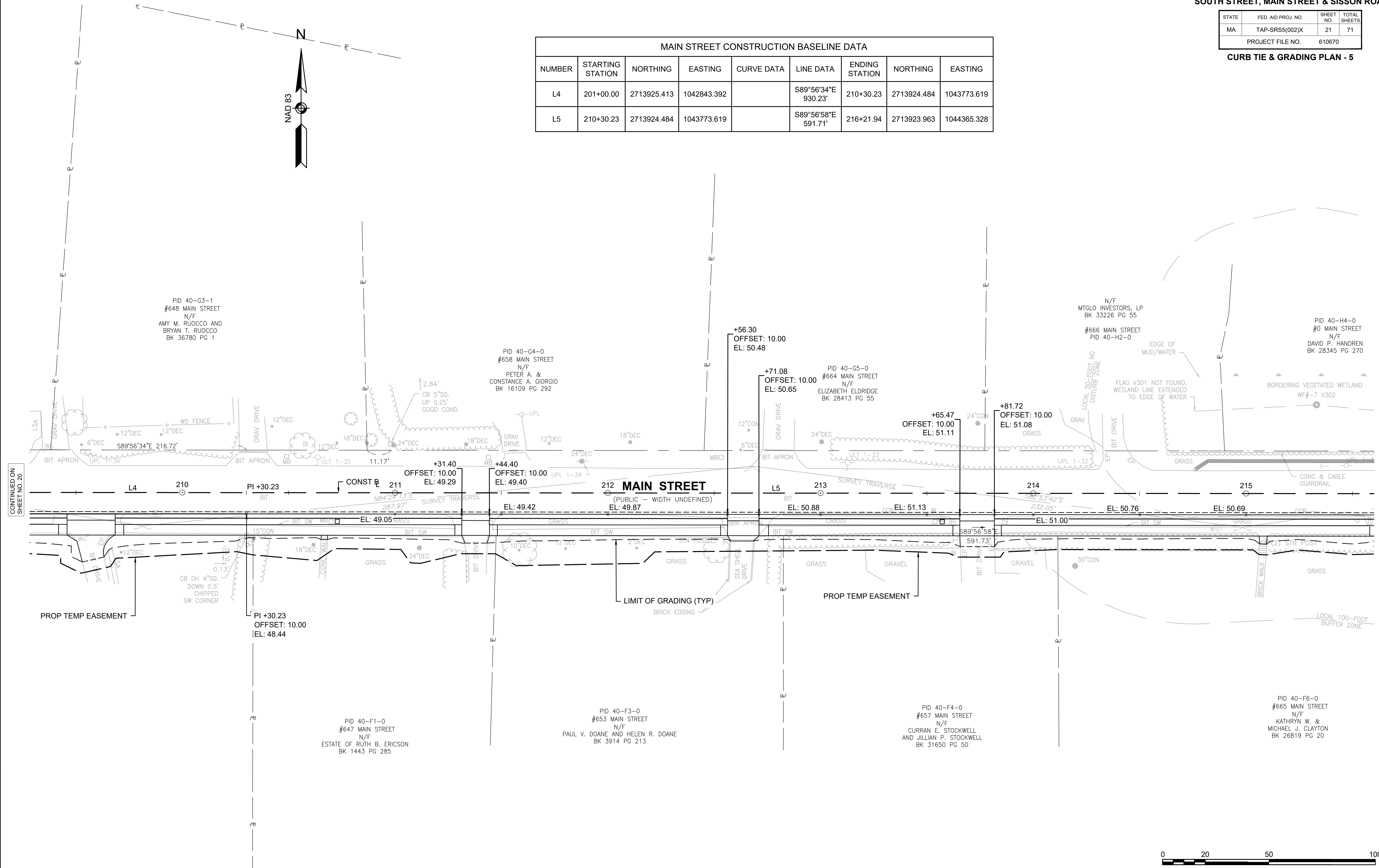
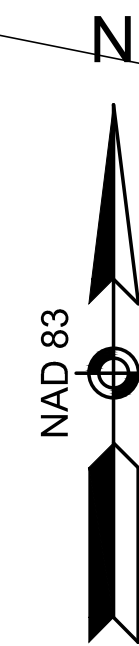


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	21	71
PROJECT FILE NO.		610670	

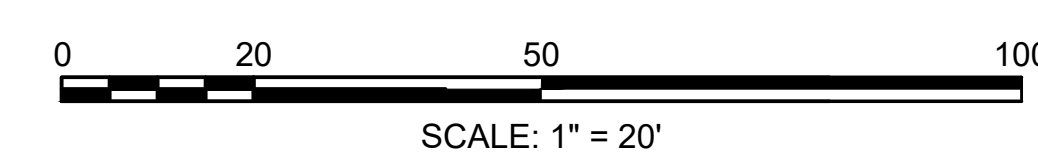
CURB TIE & GRADING PLAN - 5

MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	201+00.00	2713925.413	1042843.392		S89°56'34"E 930.23'	210+30.23	2713924.484	1043773.619
L5	210+30.23	2713924.484	1043773.619		S89°56'58"E 591.71'	216+21.94	2713923.963	1044365.328



CONTINUED ON
SHEET NO. 20

CONTINUED ON
SHEET NO. 22



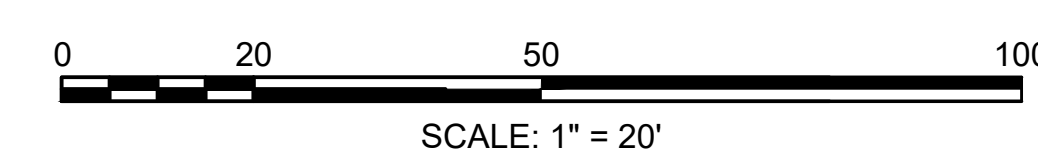
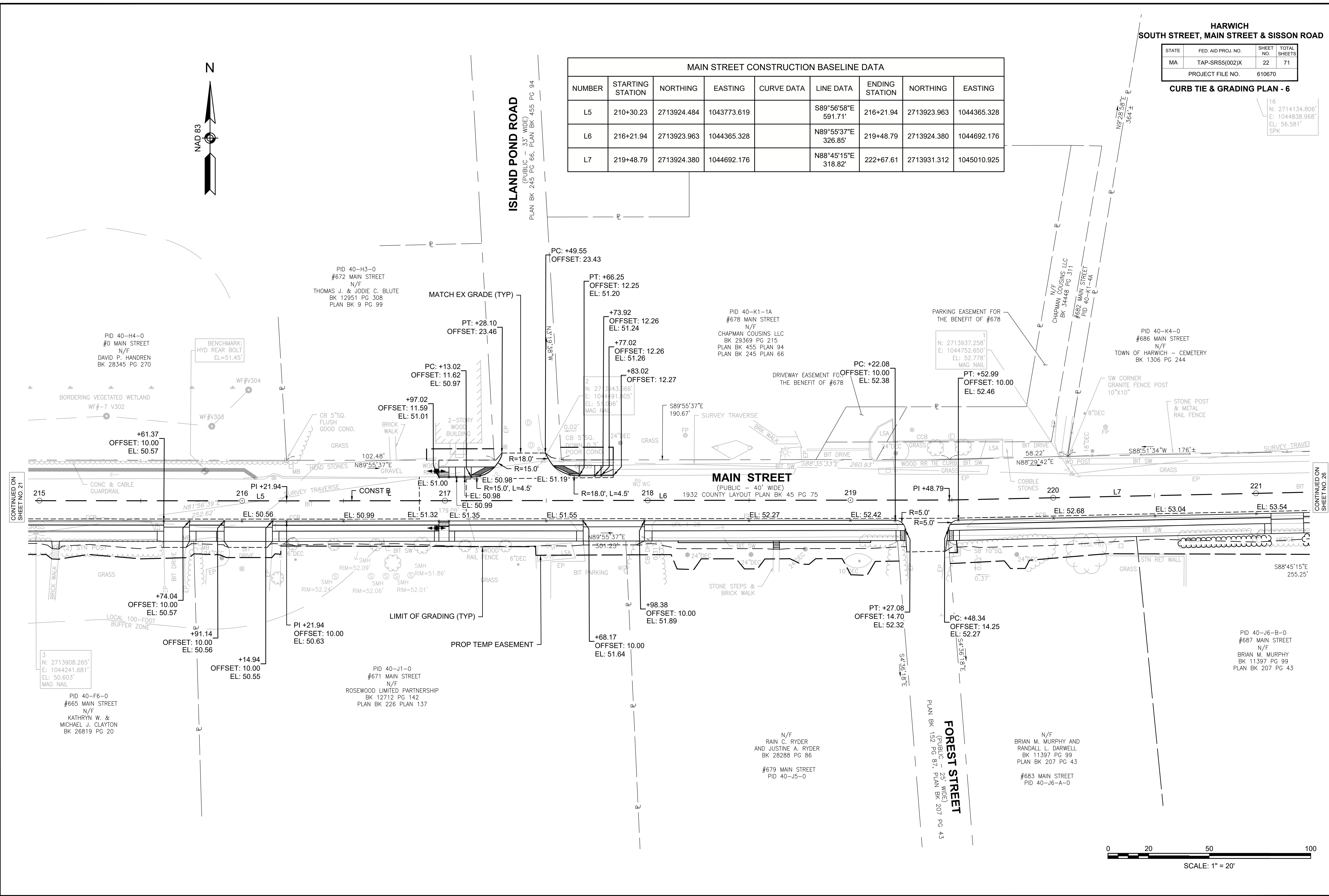
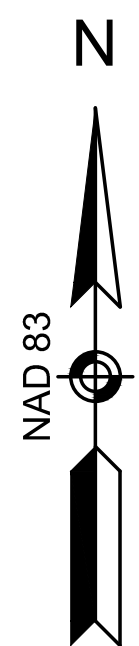
610670_HD(TIE & GRADING-5).DWG Plotted on 19-Mar-2026 11:46 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	22	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 6

MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L5	210+30.23	2713924.484	1043773.619		S89°56'58"E 591.71'	216+21.94	2713923.963	1044365.328
L6	216+21.94	2713923.963	1044365.328		N89°55'37"E 326.85'	219+48.79	2713924.380	1044692.176
L7	219+48.79	2713924.380	1044692.176		N88°45'15"E 318.82'	222+67.61	2713931.312	1045010.925



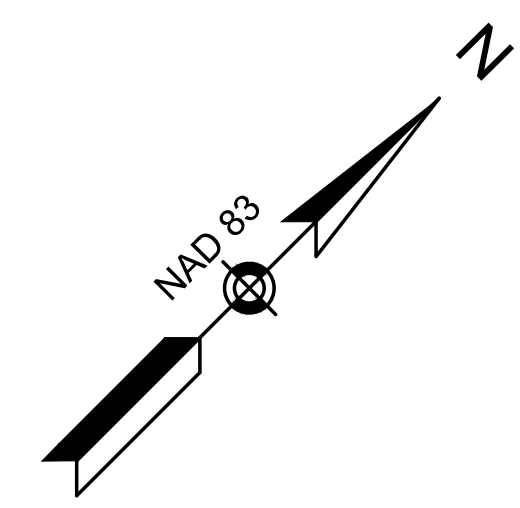
610670_HD(TIE & GRADING-6).DWG Plotted on 19-Mar-2026 11:46 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	23	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 7

SISSON ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L8	51+00.00	2712401.000	1043839.520		N45°23'18"E 1555.24'	66+55.24	2713493.242	10444946.667



PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
BK 521 PG 396
PLAN BK 70 PG 125

PID 31-B5
#198 SISSON ROAD
N/F
ROBIN MILLEN
BK 36224 PG 2
PLAN BK 344 PG 80

PID 31-A2
#199 SISSON ROAD
N/F
JENNA R. COULSEY
BK 35181 PG 225

PID 31-A3
#205 SISSON ROAD
N/F
ZELCH IRREVOCABLE TRUST
GARY ZELCH AND ELIZABETH ZELCH, TR.
BK 36815 PG 127

PID 31-A4
#207 SISSON ROAD
N/F
MELISSA M. SOUTHWORTH
BK 33620 PG 45

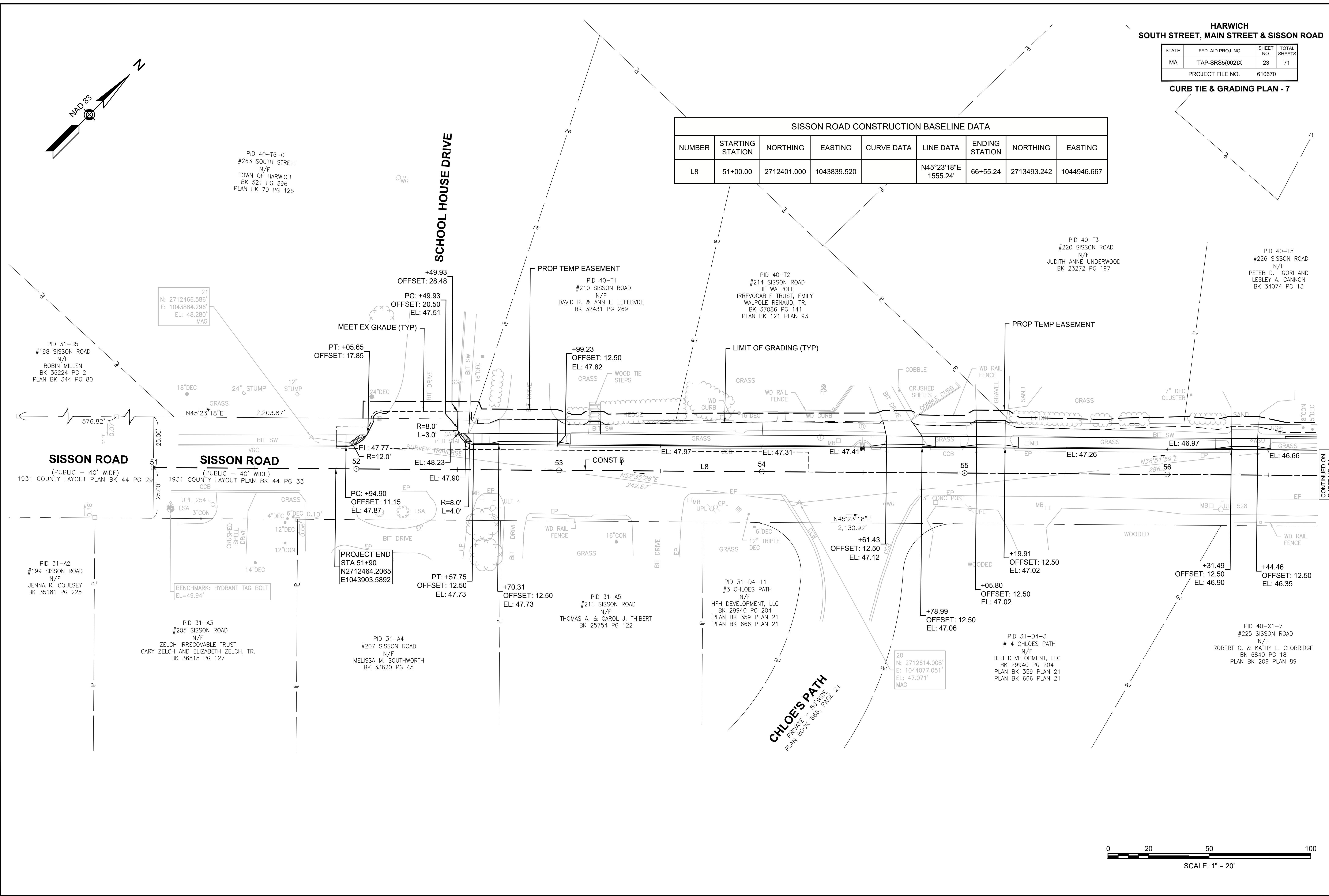
SCHOOL HOUSE DRIVE

PROP TEMP EASEMENT
PID 40-T1
#210 SISSON ROAD
N/F
DAVID R. & ANN E. LEFEBVRE
BK 32431 PG 269

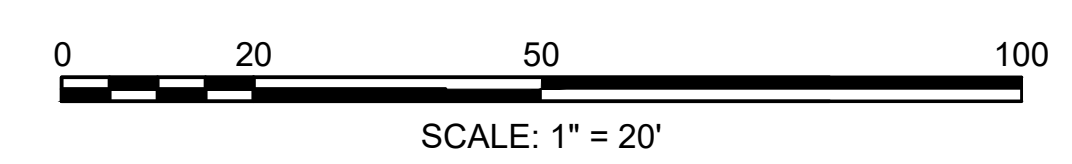
PID 40-T2
#214 SISSON ROAD
THE WALPOLE
IRREVOCABLE TRUST, EMILY
WALPOLE, RENAUD, TR.
BK 37086 PG 141
PLAN BK 121 PLAN 93

PID 40-T3
#220 SISSON ROAD
N/F
JUDITH ANNE UNDERWOOD
BK 23272 PG 197

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13



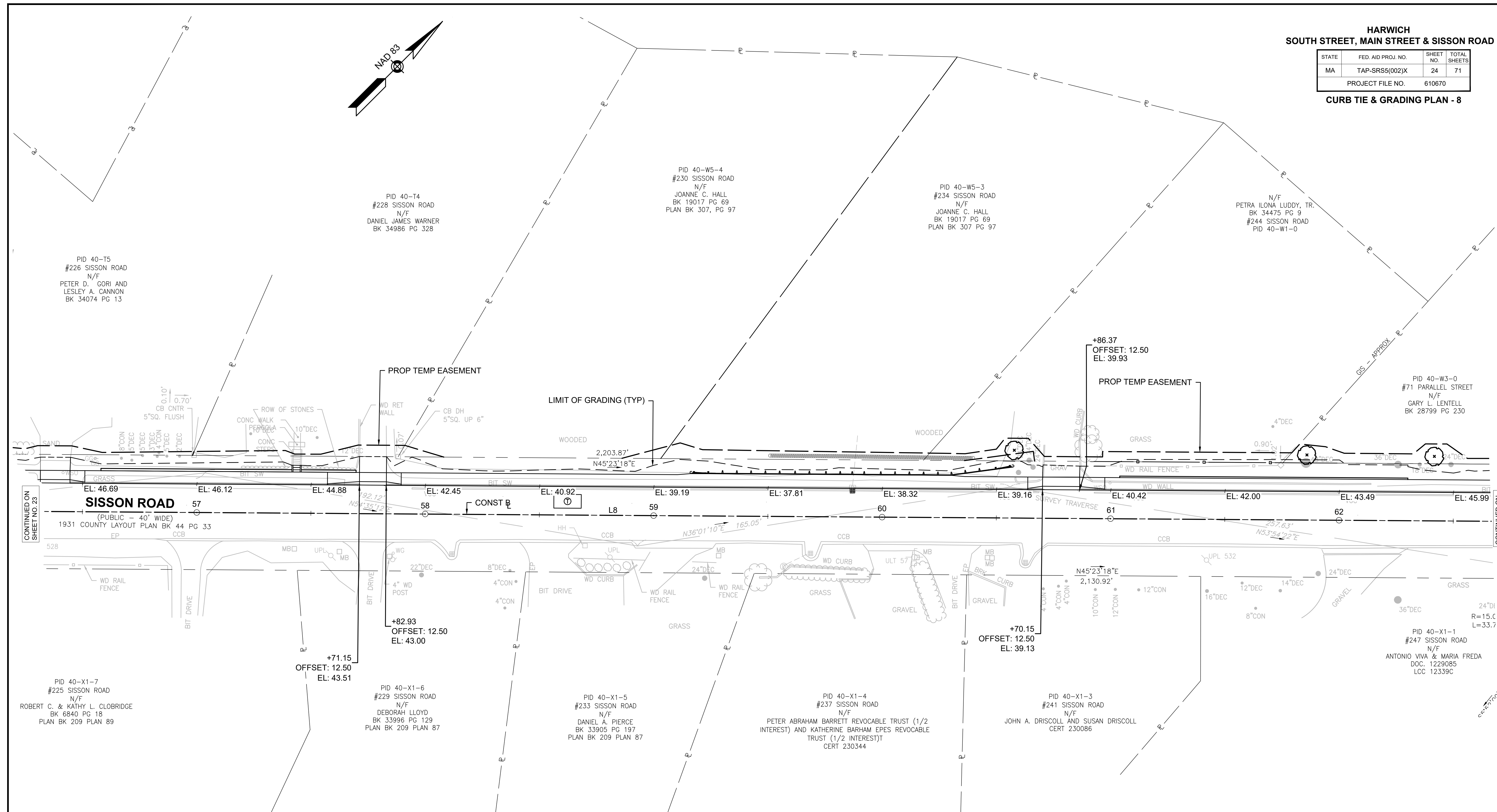
CONTINUED ON
SHEET NO. 24



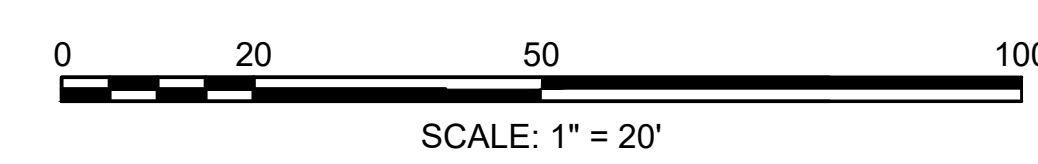
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	24	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 8



SISSON ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L8	51+00.00	2712401.000	1043839.520		N45°23'18"E 1555.24'	66+55.24	2713493.242	1044946.667

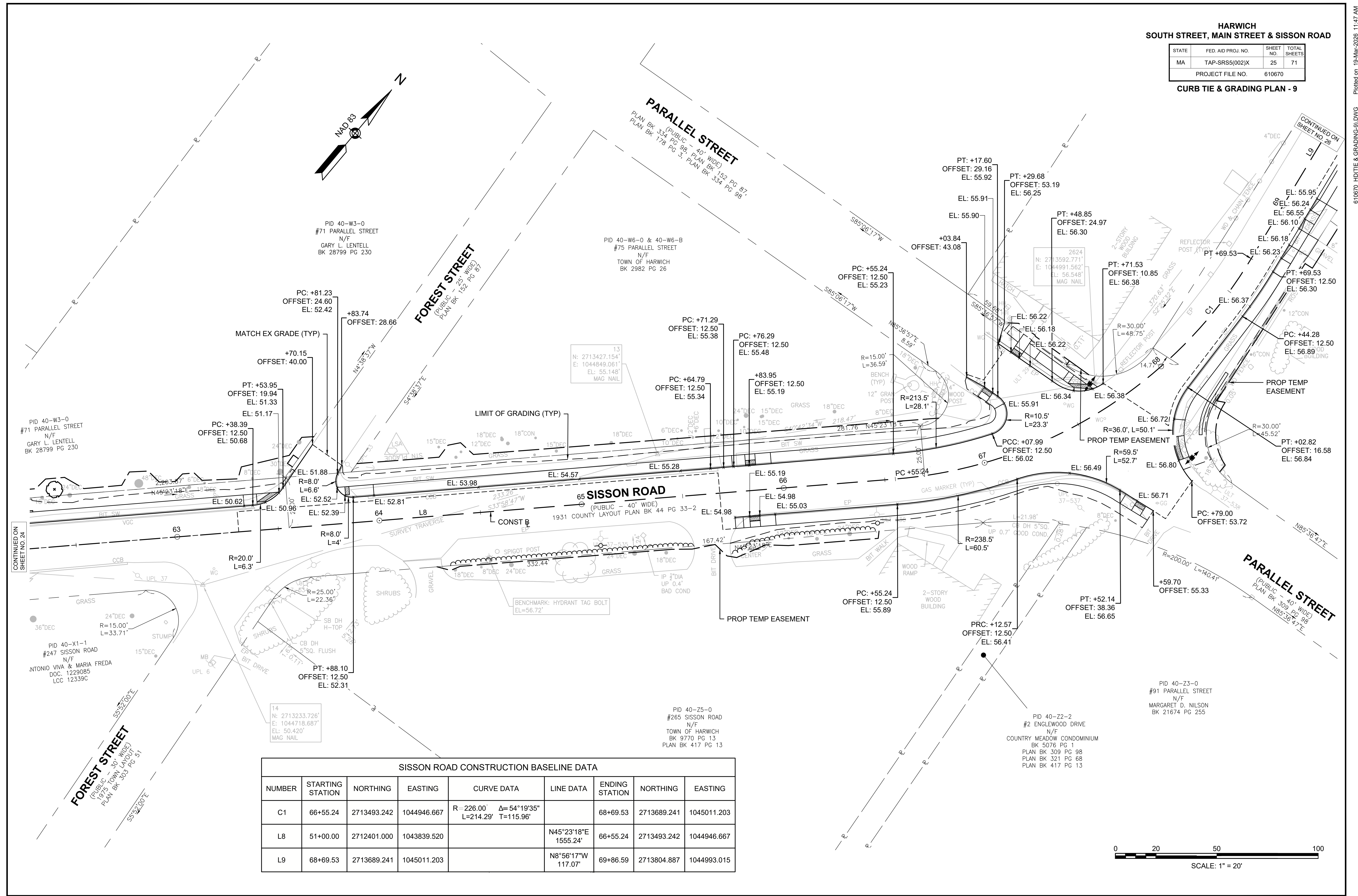


610670_HD(TIE & GRADING-8).DWG Plotted on 19-Mar-2026 11:47 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

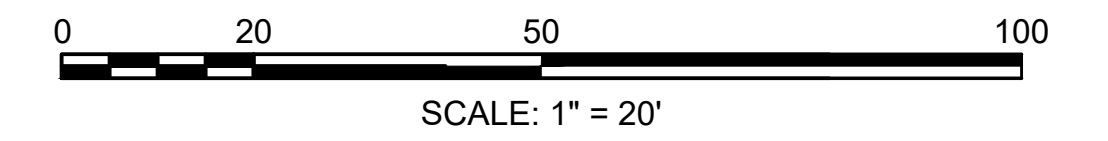
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(002)X	25	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 9



SISSON ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C1	66+55.24	2713493.242	1044946.667	R=226.00' Δ=54°19'35" L=214.29' T=115.96'		68+69.53	2713689.241	1045011.203
L8	51+00.00	2712401.000	1043839.520		N45°23'18"E 1555.24'	66+55.24	2713493.242	1044946.667
L9	68+69.53	2713689.241	1045011.203		N8°56'17"W 117.07'	69+86.59	2713804.887	1044993.015



610670_HD(TIE & GRADING-9).DWG Plotted on 19-Mar-2026 11:47 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	26	71
PROJECT FILE NO.		610670	

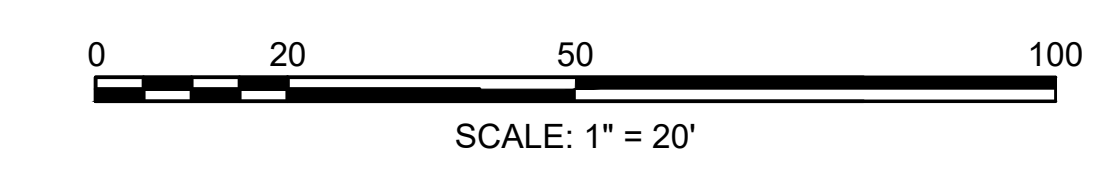
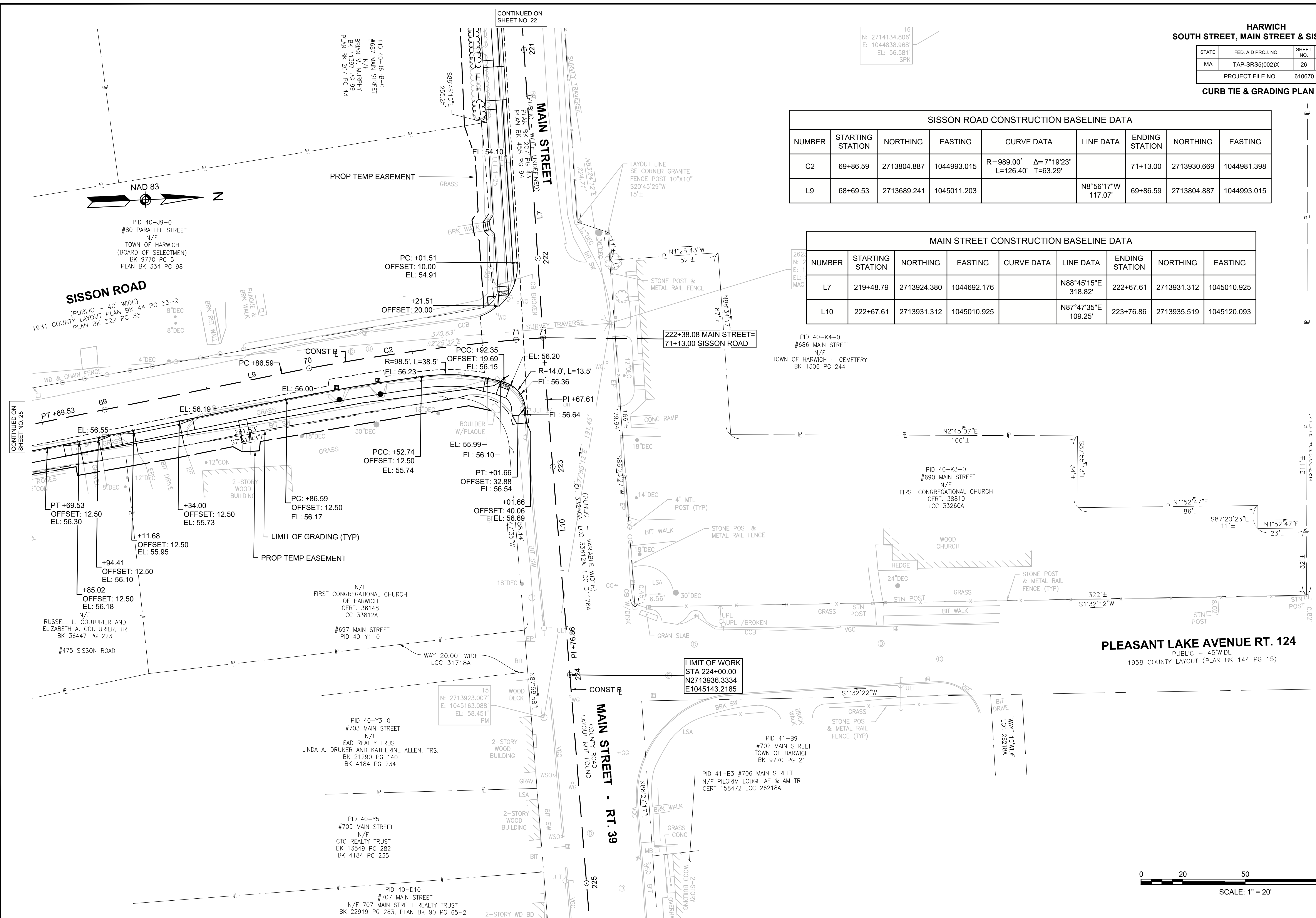
CURB TIE & GRADING PLAN - 10

SISSON ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C2	69+86.59	2713804.887	1044993.015	R=989.00' Δ=7°19'23" L=126.40' T=63.29'		71+13.00	2713930.669	1044981.398
L9	68+69.53	2713689.241	1045011.203		N8°56'17"W 117.07'	69+86.59	2713804.887	1044993.015

MAIN STREET CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L7	219+48.79	2713924.380	1044692.176		N88°45'15"E 318.82'	222+67.61	2713931.312	1045010.925
L10	222+67.61	2713931.312	1045010.925		N87°47'35"E 109.25'	223+76.86	2713935.519	1045120.093

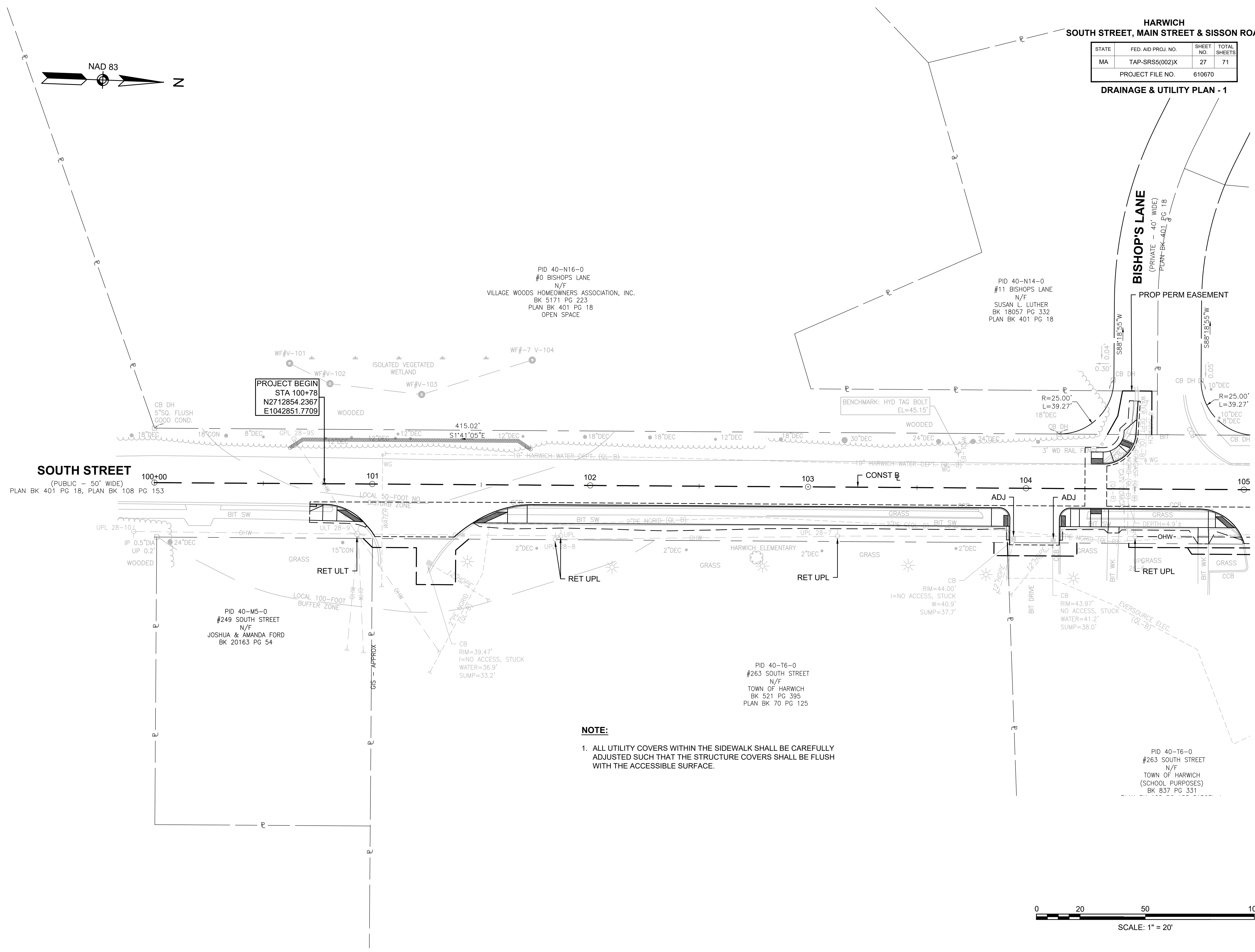
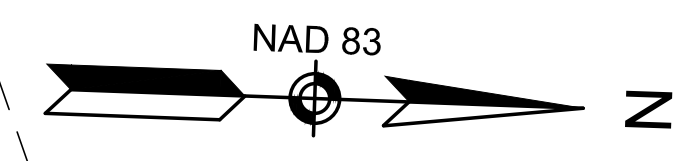


610670_HD(TIE & GRADING-10).DWG Plotted on 19-Mar-2026 11:47 AM

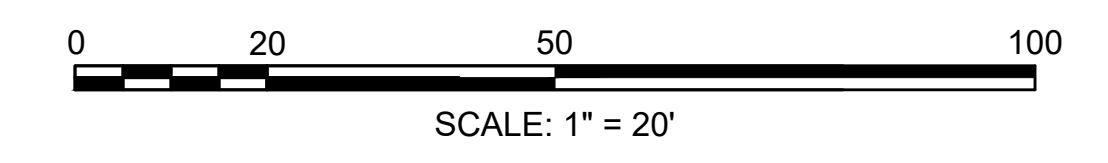
**HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	27	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 1



CONTINUED ON SHEET NO. 28

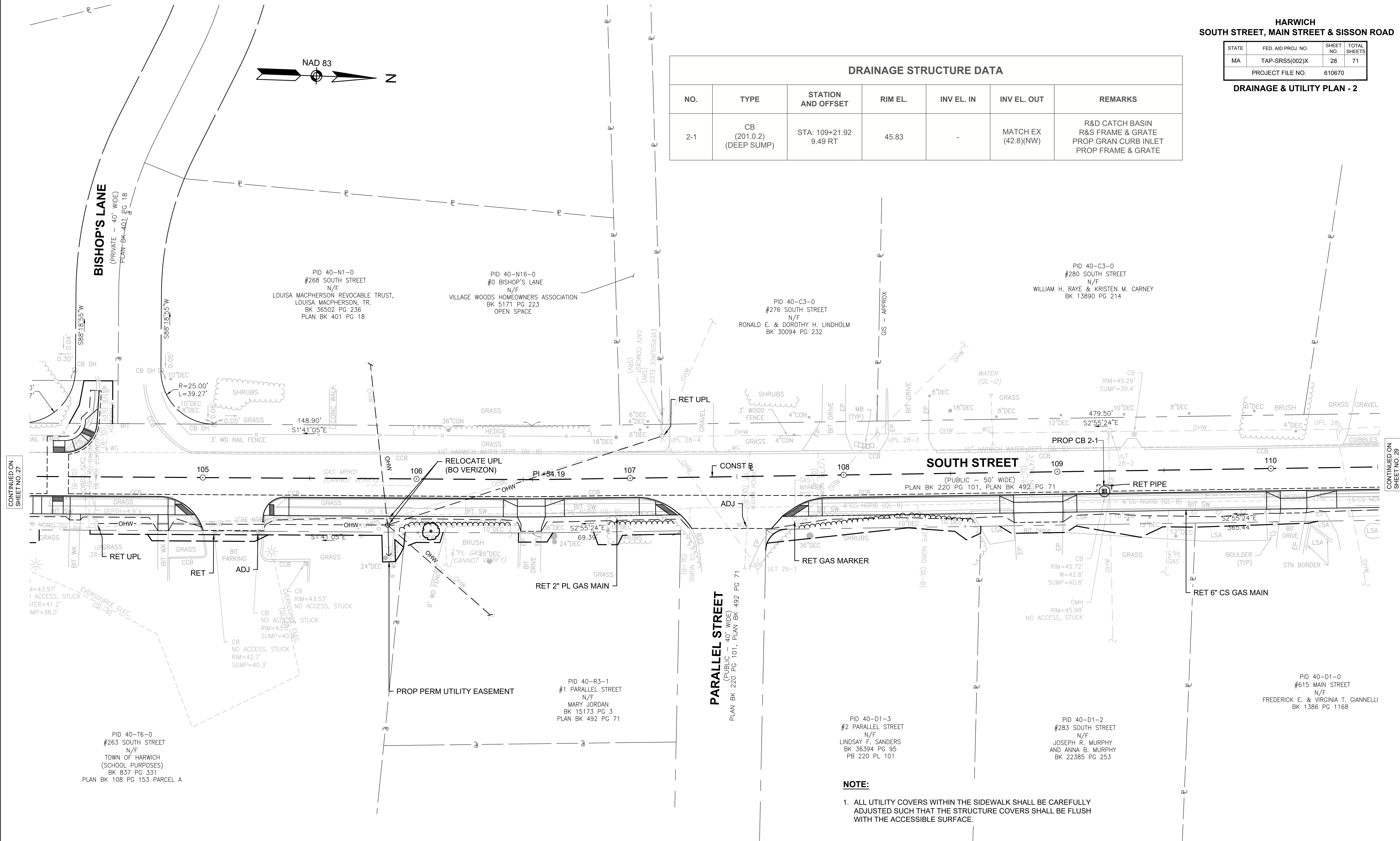
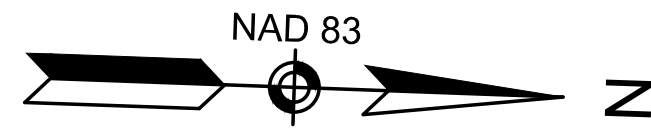


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	28	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 2

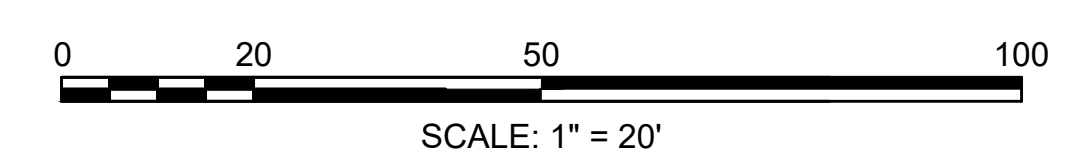
DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
2-1	CB (201.0.2) (DEEP SUMP)	STA: 109+21.92 9.49 RT	45.83	-	MATCH EX (42.8)(NW)	R&D CATCH BASIN R&S FRAME & GRATE PROP GRAN CURB INLET PROP FRAME & GRATE



CONTINUED ON SHEET NO. 27

CONTINUED ON SHEET NO. 29

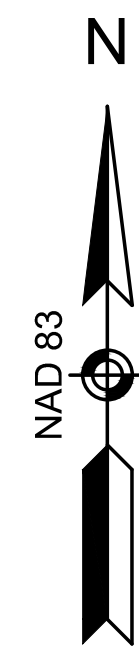
NOTE:
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	29	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 3



PID 40-A1-1
#606 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-2
#610 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-3
#614 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-4
#618 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-5
#622 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-6
#628 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

LIMIT OF WORK
STA 199+96.50
N2713939.3281
E1042740.8299

BENCHMARK: HYD RT FRONT BOLT
EL=47.20'

MAIN STREET
(PUBLIC - 40' WIDE)
1949 COUNTY LAYOUT PLAN BK 88 PG 111

MAIN STREET
(PUBLIC - 40' WIDE)
1950 COUNTY LAYOUT PLAN BK 90 PG 149

SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 220 PG 101
PLAN BK 492 PG 71

PID 40-C1-0
#609 MAIN STREET
N/F
JAMES FRANCIS TURNER, III
BK 30170 PG 144

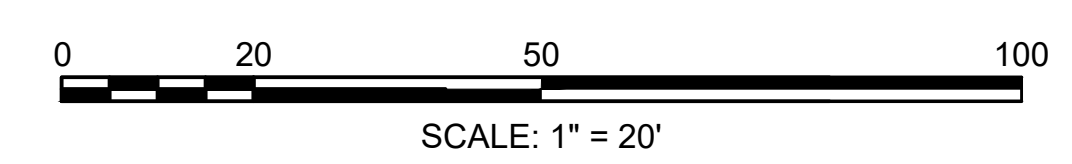
RET 4" PL GAS MAIN
RET 6" CS GAS MAIN

RET TELEPHONE DUCT
AND CONDUIT (TYP)
PID 40-D1-07
#619 MAIN STREET
N/F
JESSE M. DOWNING
BK 31409 PG 260
PLAN BK 220 PG 101

PID 40-D1-0
#615 MAIN STREET
N/F
FREDERICK E. & VIRGINIA T. GANNELLI
BK 1386 PG 1168

NOTE:

1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



CONTINUED ON SHEET NO.28

CONTINUED ON SHEET NO.30

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

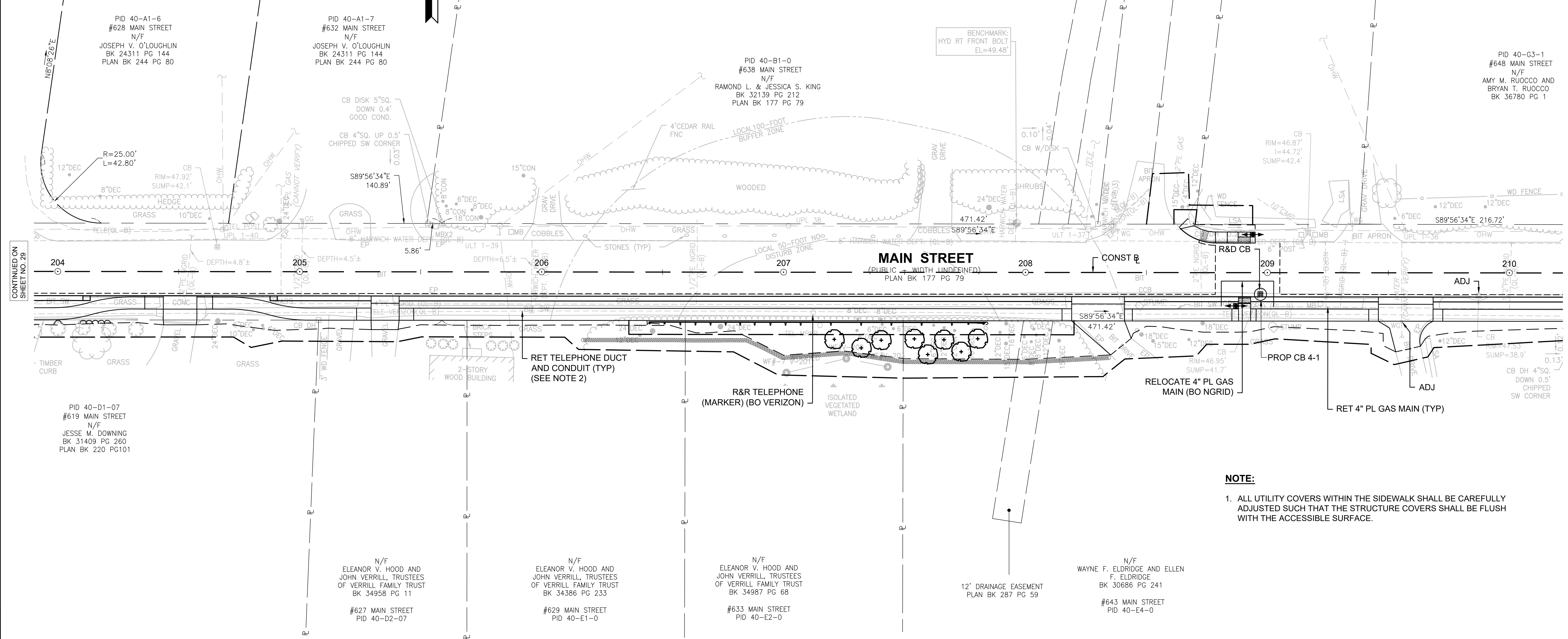
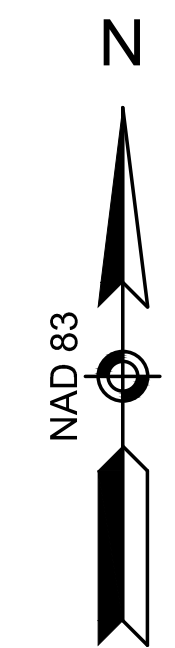
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	30	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 4

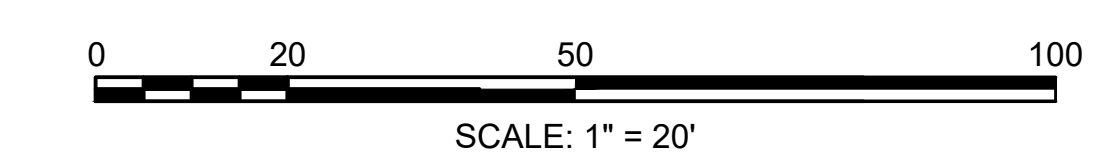
DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
4-1	CB (201.0.2) (DEEP SUMP)	STA: 110+97.97 8.94 RT	47.00	MATCH EX	MATCH EX	R&D CATCH BASIN R&S FRAME & GRATE PROP FRAME & COVER

GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

UNCLE HARRY'S ROAD
(PRIVATE - 40' WIDE)
PLAN BK 421 PG 79



NOTE:
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



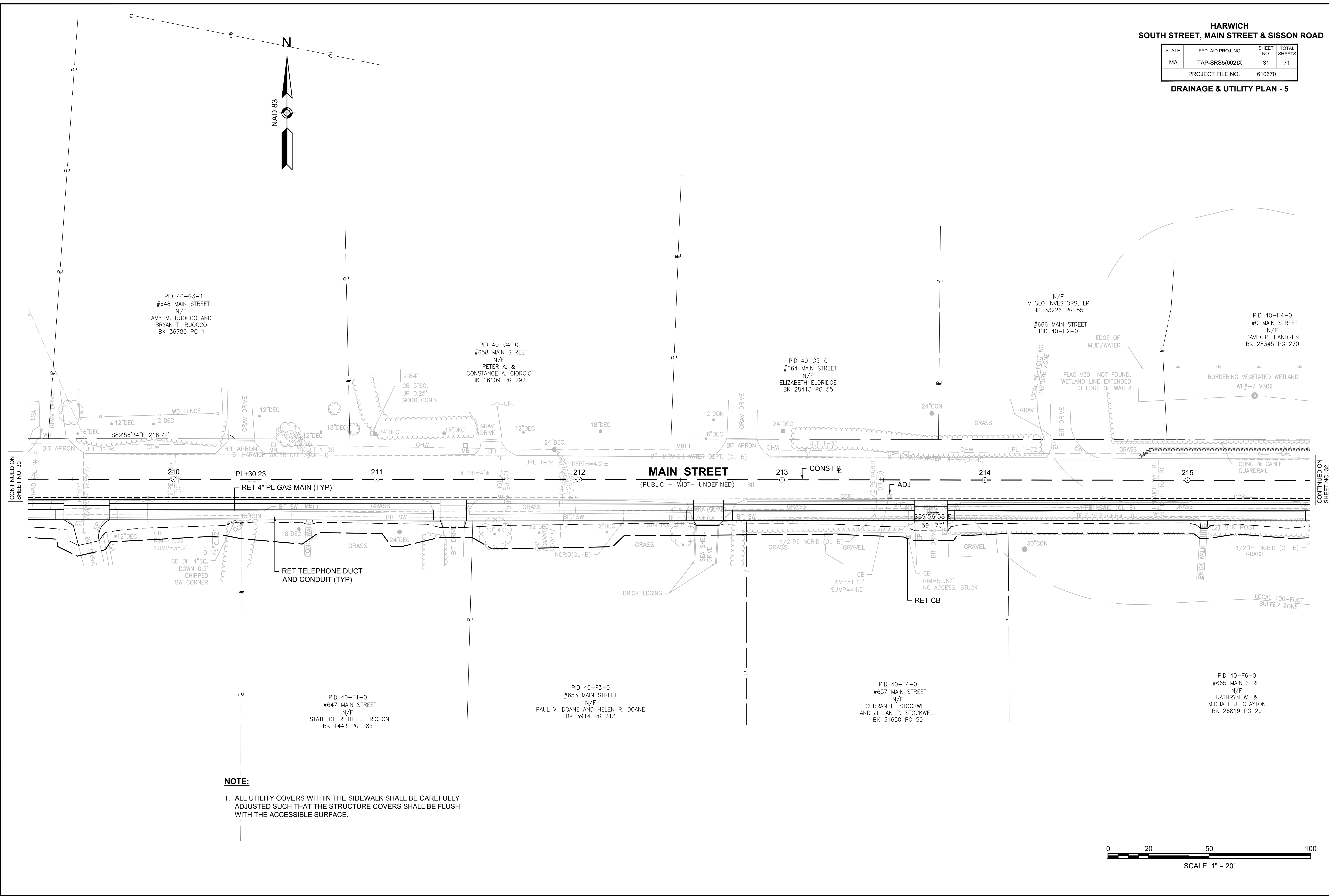
CONTINUED ON
SHEET NO. 29

CONTINUED ON
SHEET NO. 31

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	31	71
PROJECT FILE NO.		610670	

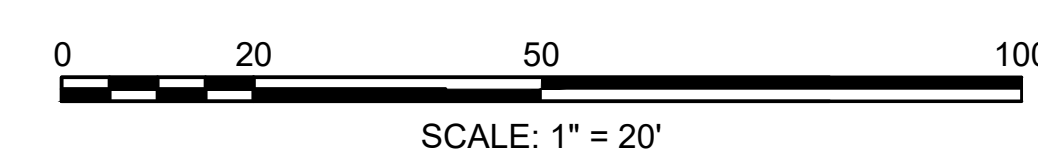
DRAINAGE & UTILITY PLAN - 5



CONTINUED ON SHEET NO. 30

CONTINUED ON SHEET NO. 32

NOTE:
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	32	71
PROJECT FILE NO.		610670	

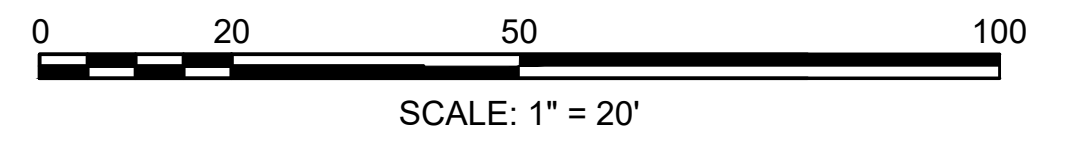
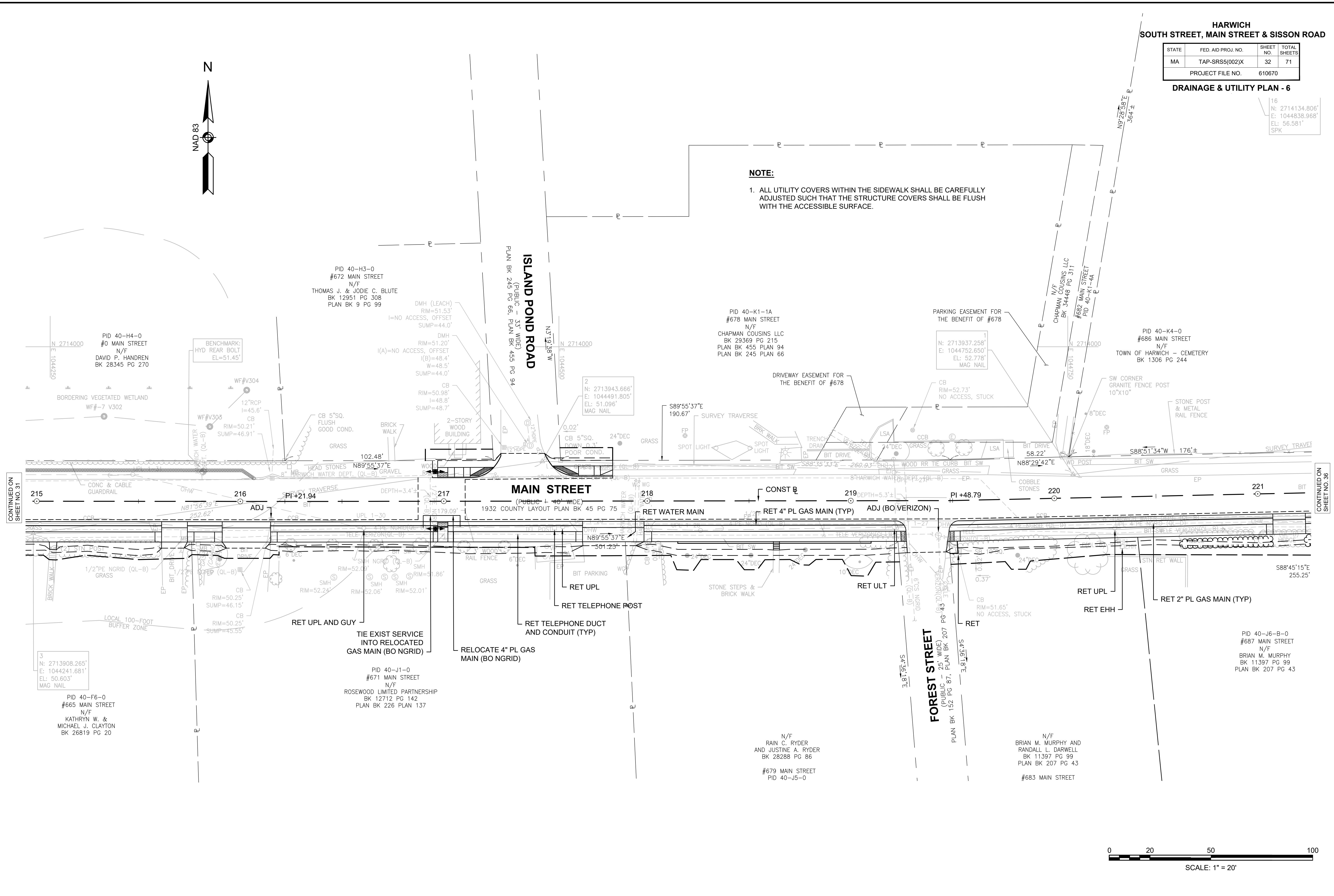
DRAINAGE & UTILITY PLAN - 6

16
 N: 2714134.806'
 E: 1044838.968'
 EL: 56.581'
 SPK



NOTE:

1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



CONTINUED ON SHEET NO. 31

CONTINUED ON SHEET NO. 36

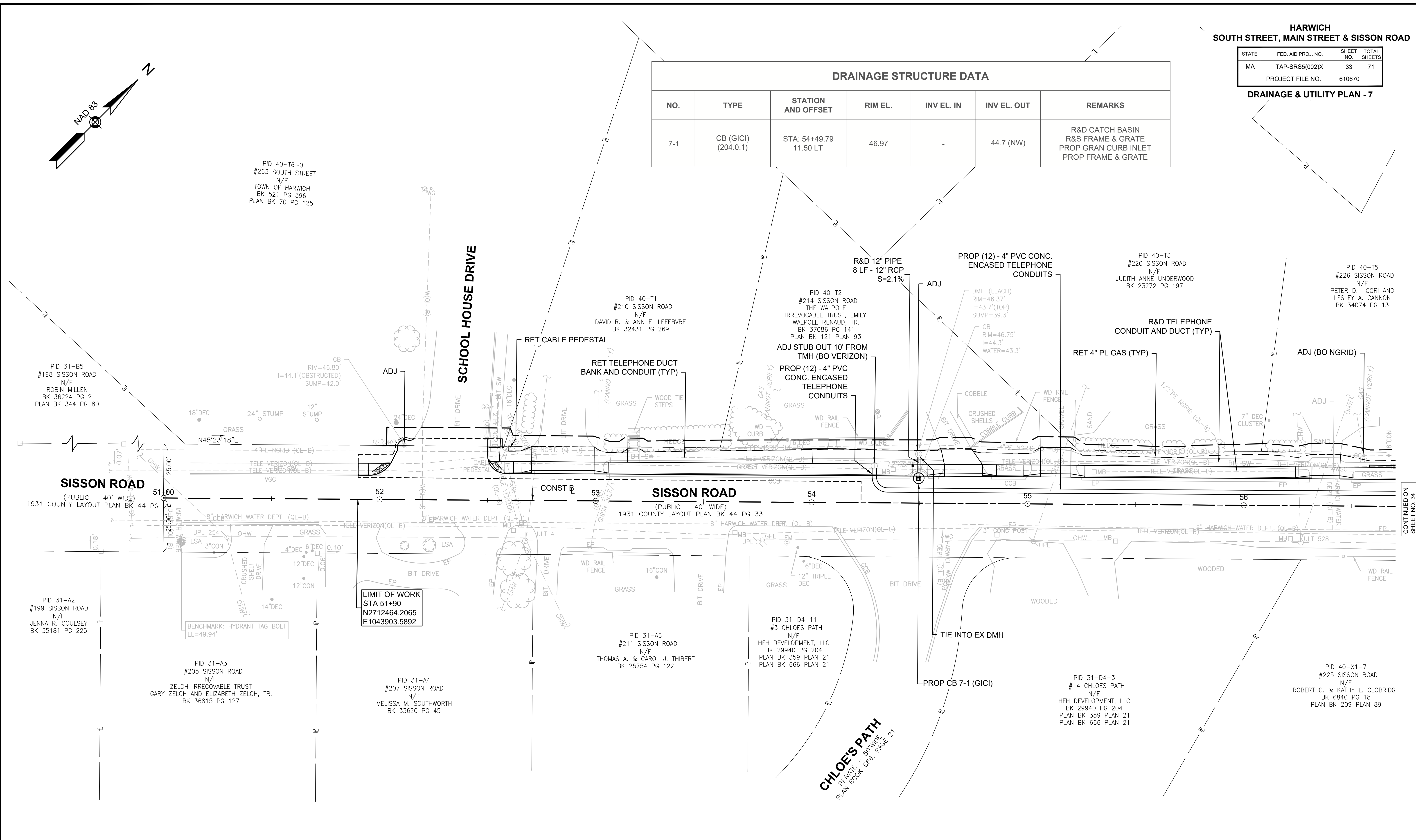
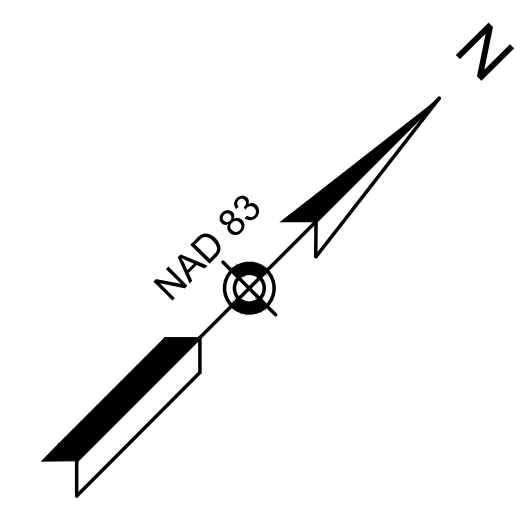
610670_HID(DRAINAGE-6).DWG Plotted on 19-Mar-2026 11:50 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

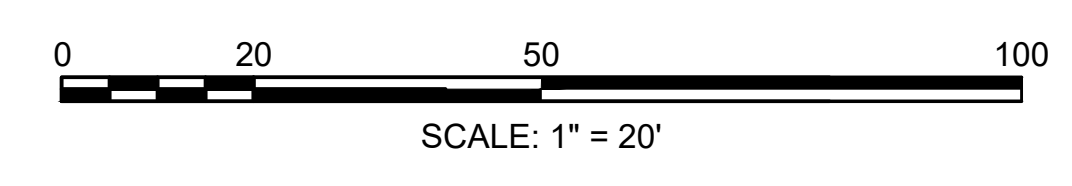
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	33	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 7

DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
7-1	CB (GICI) (204.0.1)	STA: 54+49.79 11.50 LT	46.97	-	44.7 (NW)	R&D CATCH BASIN R&S FRAME & GRATE PROP GRAN CURB INLET PROP FRAME & GRATE



- NOTE:**
- ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.
 - UTILITY RELOCATIONS SHOWN ARE APPROXIMATE AND WILL BE COORDINATED IN THE FIELD WITH THE RESPECTED UTILITY COMPANY DURING CONSTRUCTION.



CONTINUED ON SHEET NO. 34

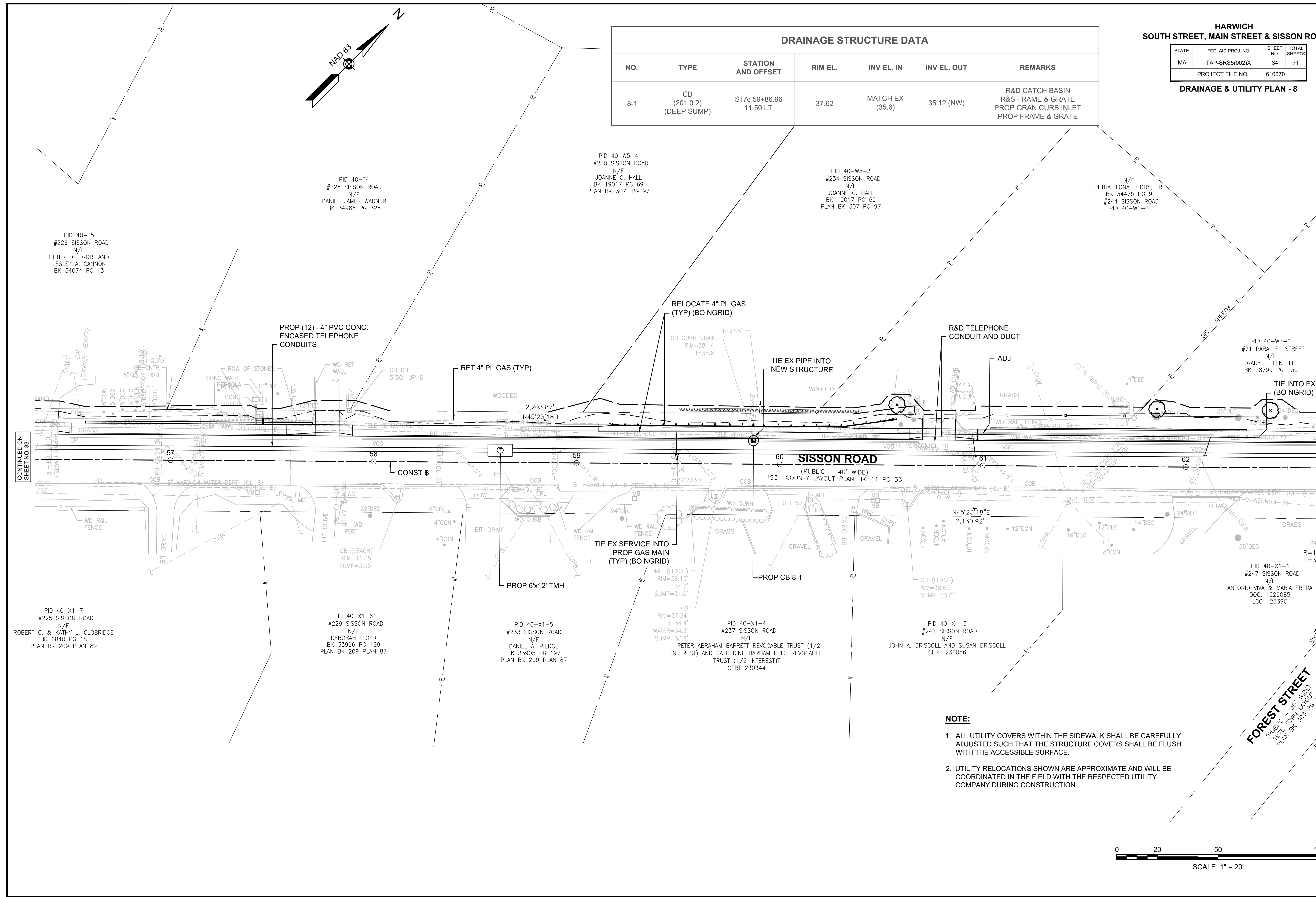
610670_HD(DRAINAGE-7).DWG Plotted on 19-Mar-2026 11:50 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(002)X	34	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 8

DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
8-1	CB (201.0.2) (DEEP SUMP)	STA: 59+86.96 11.50 LT	37.62	MATCH EX (35.6)	35.12 (NW)	R&D CATCH BASIN R&S FRAME & GRATE PROP GRAN CURB INLET PROP FRAME & GRATE



CONTINUED ON SHEET NO. 33

CONTINUED ON SHEET NO. 35

- NOTE:**
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.
 2. UTILITY RELOCATIONS SHOWN ARE APPROXIMATE AND WILL BE COORDINATED IN THE FIELD WITH THE RESPECTED UTILITY COMPANY DURING CONSTRUCTION.



FOREST STREET
(PUBLIC - 30' WIDE)
(1975 COUNTY LAYOUT PLAN BK 303 PG 5)

PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

PID 40-X1-6
#229 SISSON ROAD
N/F
DEBORAH LLOYD
BK 33996 PG 129
PLAN BK 209 PLAN 87

PID 40-X1-5
#233 SISSON ROAD
N/F
DANIEL A. PIERCE
BK 33905 PG 197
PLAN BK 209 PLAN 87

PID 40-X1-4
#237 SISSON ROAD
N/F
PETER ABRAHAM BARRETT REVOCABLE TRUST (1/2 INTEREST) AND KATHERINE BARHAM EPES REVOCABLE TRUST (1/2 INTEREST)
CERT 230344

PID 40-X1-3
#241 SISSON ROAD
N/F
JOHN A. DRISCOLL AND SUSAN DRISCOLL
CERT 230086

PID 40-X1-1
#247 SISSON ROAD
N/F
ANTONIO VIVA & MARIA FREDA
DOC. 1229085
LCC 12339C

PID 40-W3-0
#71 PARALLEL STREET
N/F
GARY L. LENTELL
BK 28799 PG 230

PID 40-W5-3
#234 SISSON ROAD
N/F
JOANNE C. HALL
BK 19017 PG 69
PLAN BK 307 PG 97

PID 40-W5-4
#230 SISSON ROAD
N/F
JOANNE C. HALL
BK 19017 PG 69
PLAN BK 307, PG 97

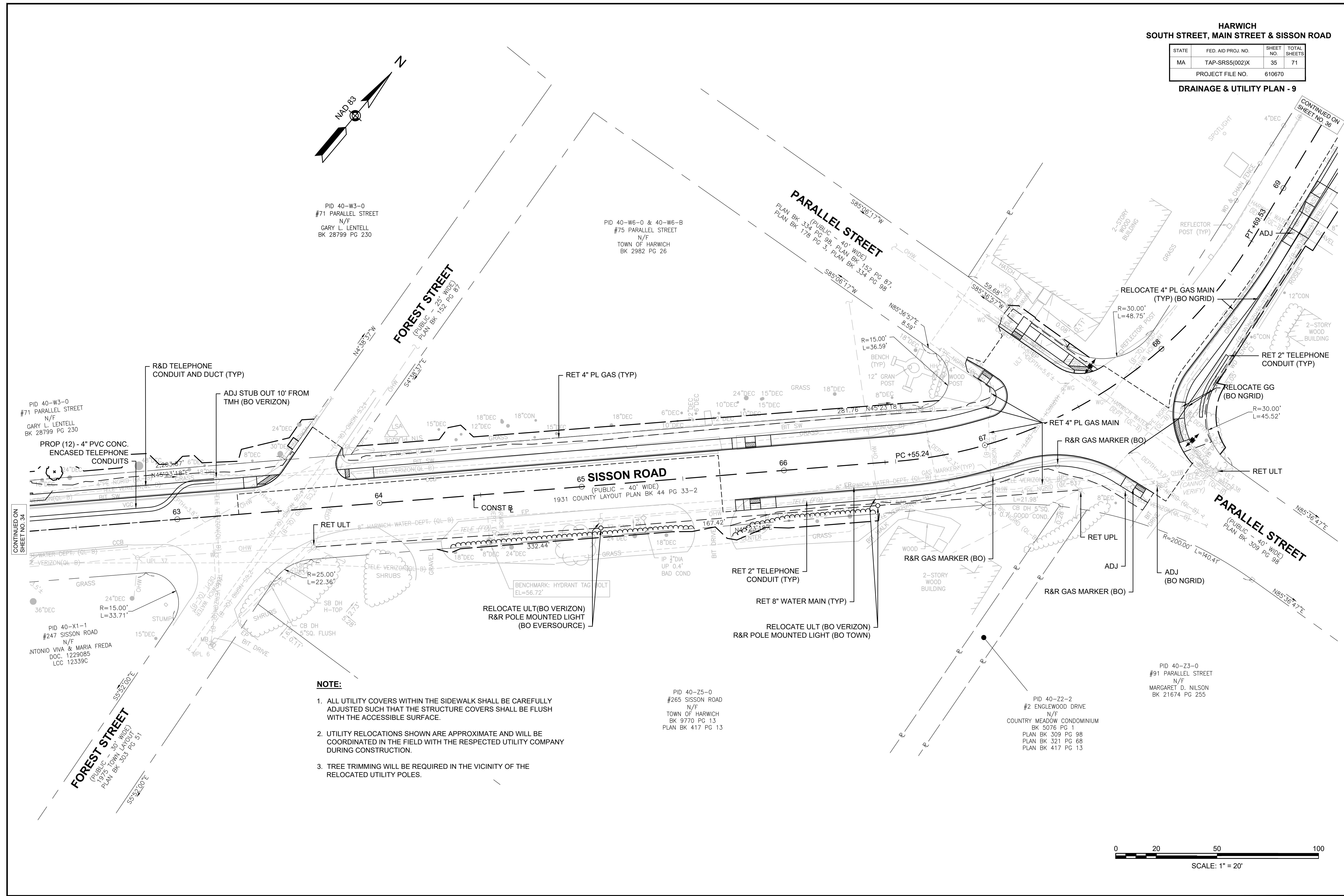
PID 40-T4
#228 SISSON ROAD
N/F
DANIEL JAMES WARNER
BK 34986 PG 328

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(002)X	35	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 9



610670_HID(DRAINAGE-9).DWG Plotted on 19-Mar-2026 11:51 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	36	71
PROJECT FILE NO.		610670	

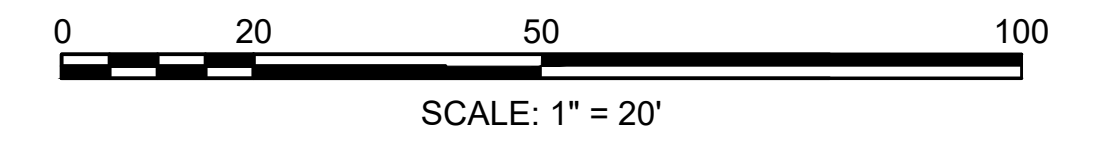
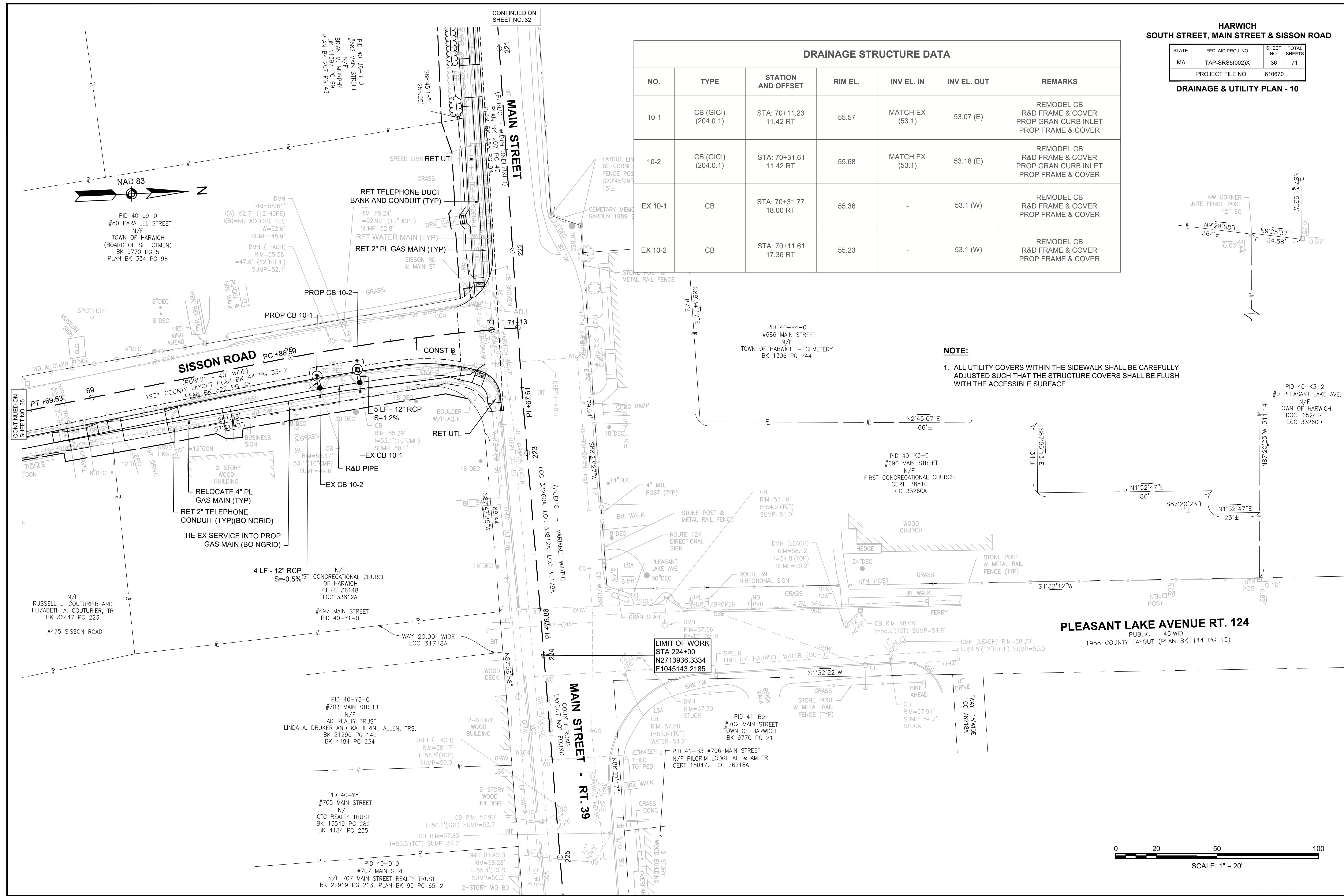
DRAINAGE & UTILITY PLAN - 10

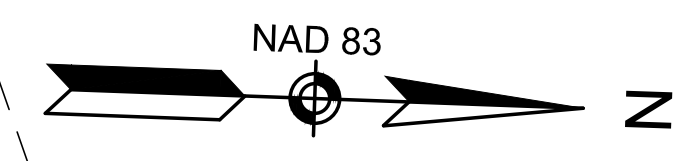
DRAINAGE STRUCTURE DATA

NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
10-1	CB (GICI) (204.0.1)	STA: 70+11.23 11.42 RT	55.57	MATCH EX (53.1)	53.07 (E)	REMODEL CB R&D FRAME & COVER PROP GRAN CURB INLET PROP FRAME & COVER
10-2	CB (GICI) (204.0.1)	STA: 70+31.61 11.42 RT	55.68	MATCH EX (53.1)	53.18 (E)	REMODEL CB R&D FRAME & COVER PROP GRAN CURB INLET PROP FRAME & COVER
EX 10-1	CB	STA: 70+31.77 18.00 RT	55.36	-	53.1 (W)	REMODEL CB R&D FRAME & COVER PROP FRAME & COVER
EX 10-2	CB	STA: 70+11.61 17.36 RT	55.23	-	53.1 (W)	REMODEL CB R&D FRAME & COVER PROP FRAME & COVER

NOTE:

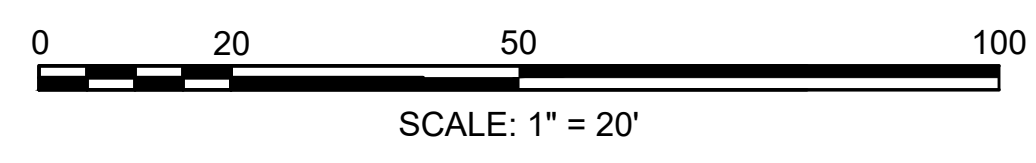
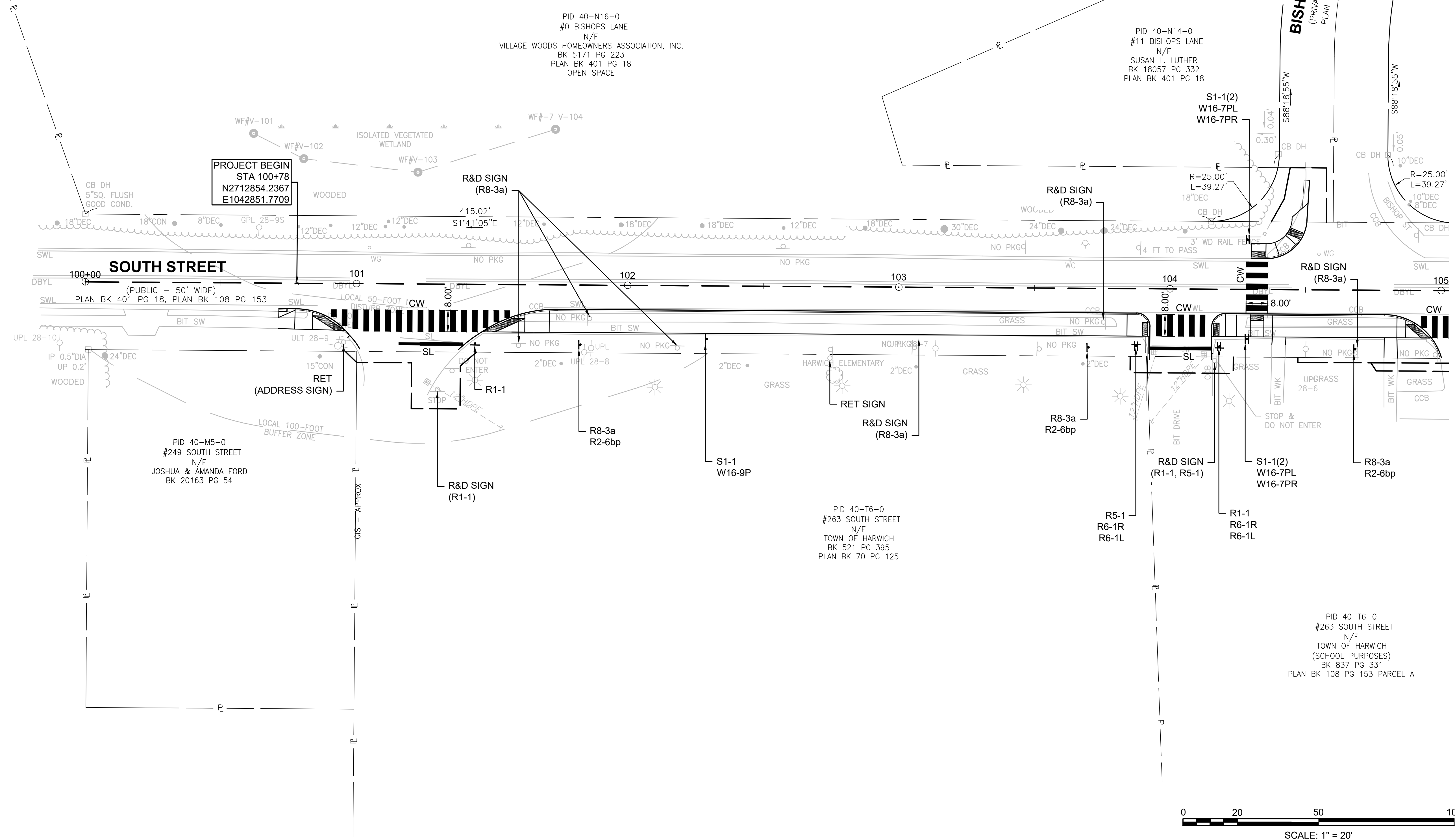
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.





HARWICH SOUTH STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	37	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 1



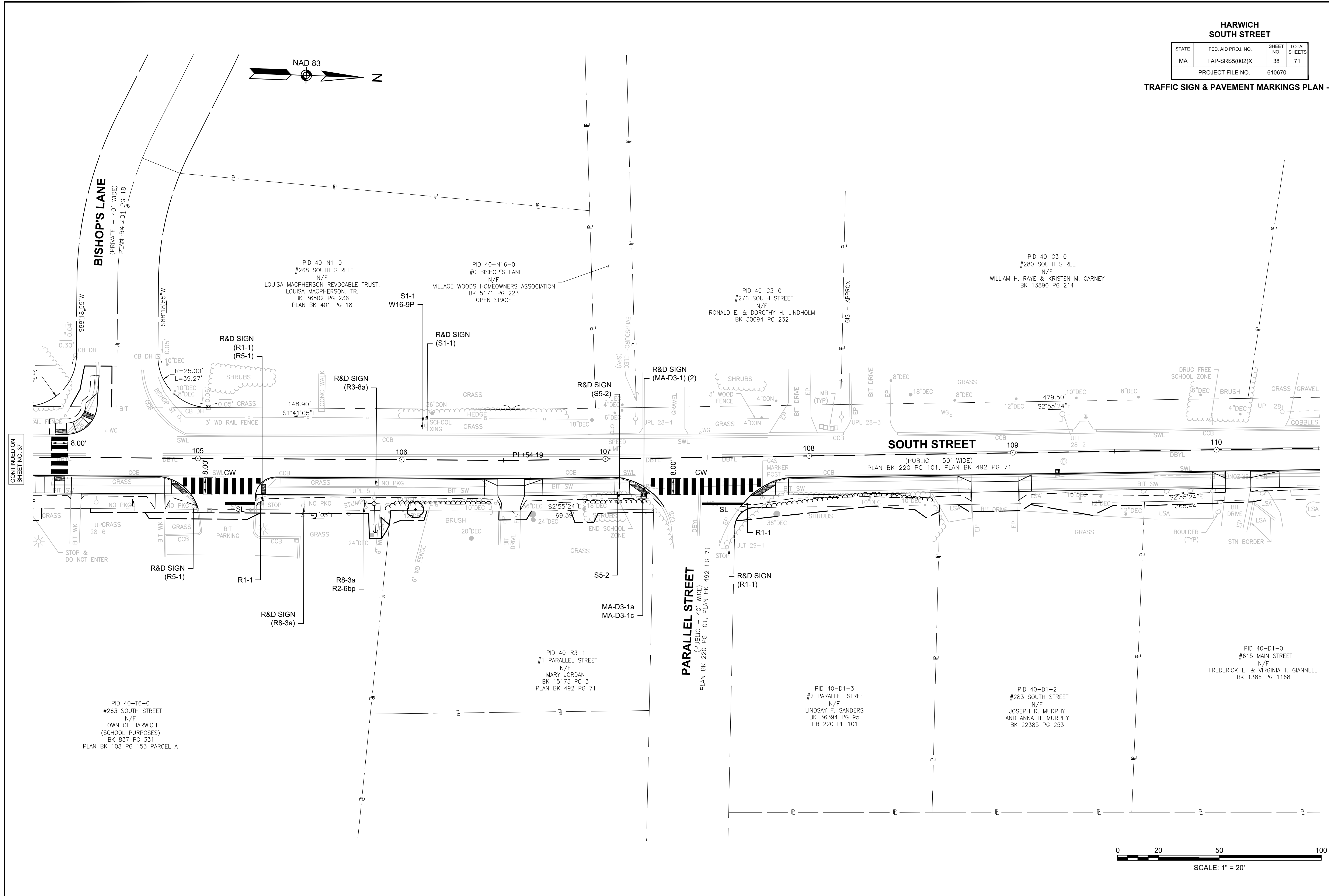
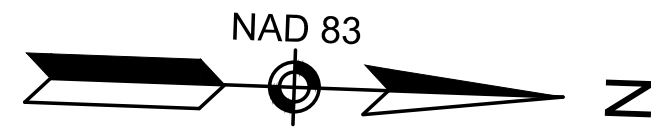
CONTINUED ON SHEET NO. 38

610670_HD(SIGNING & STRIPING-1).DWG Plotted on 19-Mar-2026 11:51 AM

HARWICH SOUTH STREET

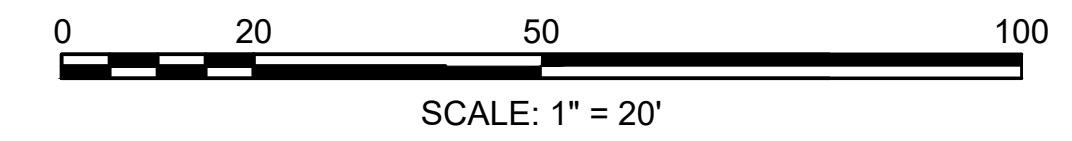
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	38	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 2



CONTINUED ON
SHEET NO. 37

CONTINUED ON
SHEET NO. 39

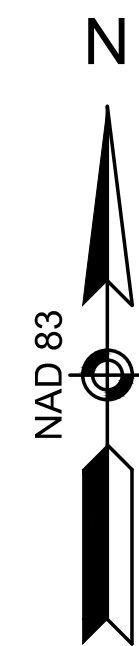


610670_HD(SIGNING & STRIPING-2).DWG Plotted on 19-Mar-2026 11:51 AM

HARWICH
MAIN STREET, SOUTH STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	39	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 3



PID 40-A1-1
#606 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-2
#610 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-3
#614 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-4
#618 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-5
#622 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-6
#628 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-D1-07
#619 MAIN STREET
N/F
JESSE M. DOWNING
BK 31409 PG 260
PLAN BK 220 PG 101

PID 40-D1-0
#615 MAIN STREET
N/F
FREDERICK E. & VIRGINIA T. GANNELLI
BK 1386 PG 1168

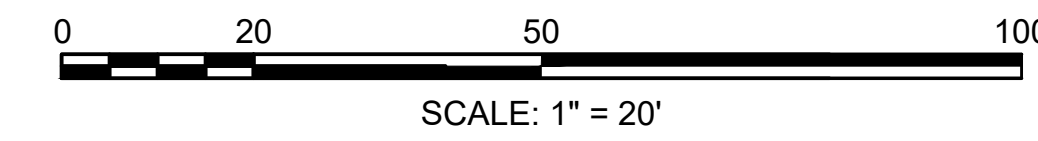
LIMIT OF WORK
STA 199+96.50
N2713939.3281
E1042740.8299

MAIN STREET
(PUBLIC - 40' WIDE)
1949 COUNTY LAYOUT PLAN BK 88 PG 111

MAIN STREET
(PUBLIC - 40' WIDE)
1950 COUNTY LAYOUT PLAN BK 90 PG 149

SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 220 PG 101
PLAN BK 492 PG 71

PID 40-C1-0
#609 MAIN STREET
N/F
JAMES FRANCIS TURNER, III
BK 30170 PG 144



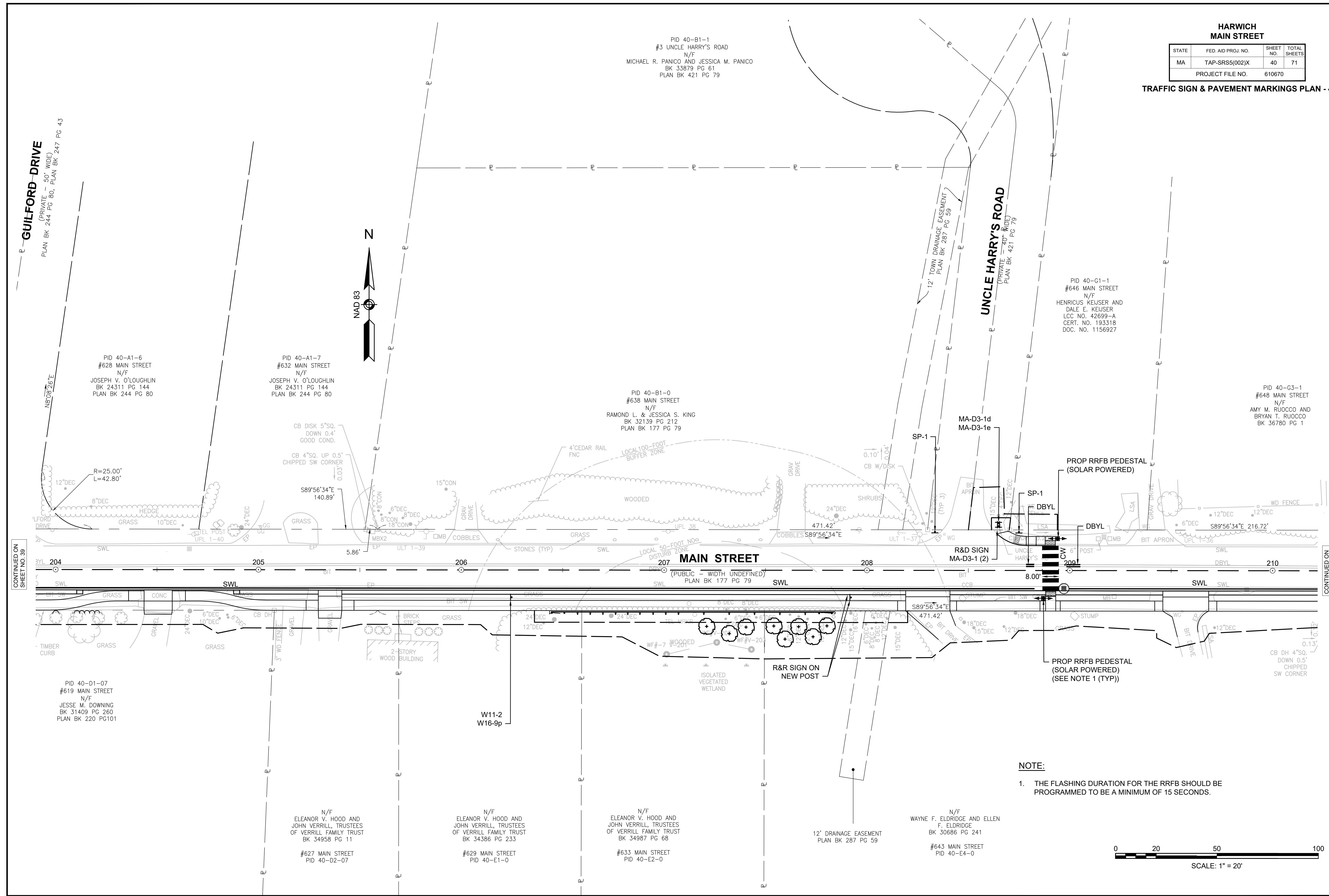
CONTINUED ON SHEET NO.8

CONTINUED ON SHEET NO.40

**HARWICH
MAIN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	40	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 4



NOTE:
1. THE FLASHING DURATION FOR THE RRFB SHOULD BE PROGRAMMED TO BE A MINIMUM OF 15 SECONDS.

GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

PID 40-B1-1
#3 UNCLE HARRY'S ROAD
N/F
MICHAEL R. PANICO AND JESSICA M. PANICO
BK 33879 PG 61
PLAN BK 421 PG 79

PID 40-G1-1
#646 MAIN STREET
N/F
HENRICUS KEUSER AND
DALE E. KEUSER
LCC NO. 42699-A
CERT. NO. 193318
DOC. NO. 1156927

PID 40-G3-1
#648 MAIN STREET
N/F
AMY M. RUOCCO AND
BRYAN T. RUOCCO
BK 36780 PG 1

CONTINUED ON
SHEET NO. 39

CONTINUED ON
SHEET NO. 41

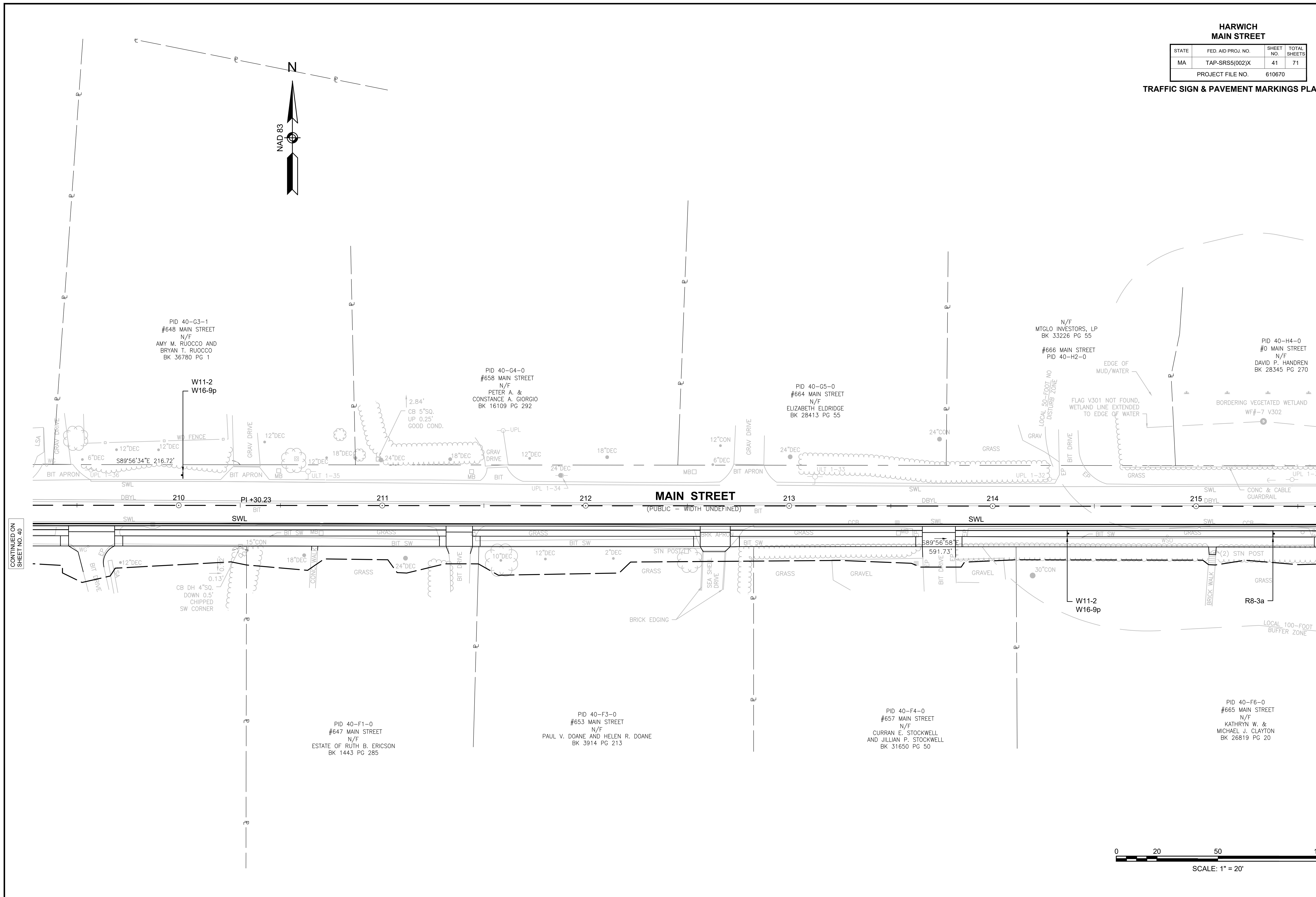
610670_HD(SIGNING & STRIPING-4).DWG
Plotted on 19-Mar-2026 11:52 AM

**HARWICH
MAIN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	41	71
PROJECT FILE NO.		610670	

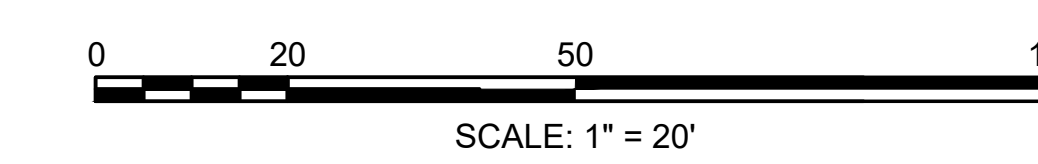
TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 5

610670_HD(SIGNING & STRIPING-5).DWG Plotted on 19-Mar-2026 11:52 AM



CONTINUED ON SHEET NO. 40

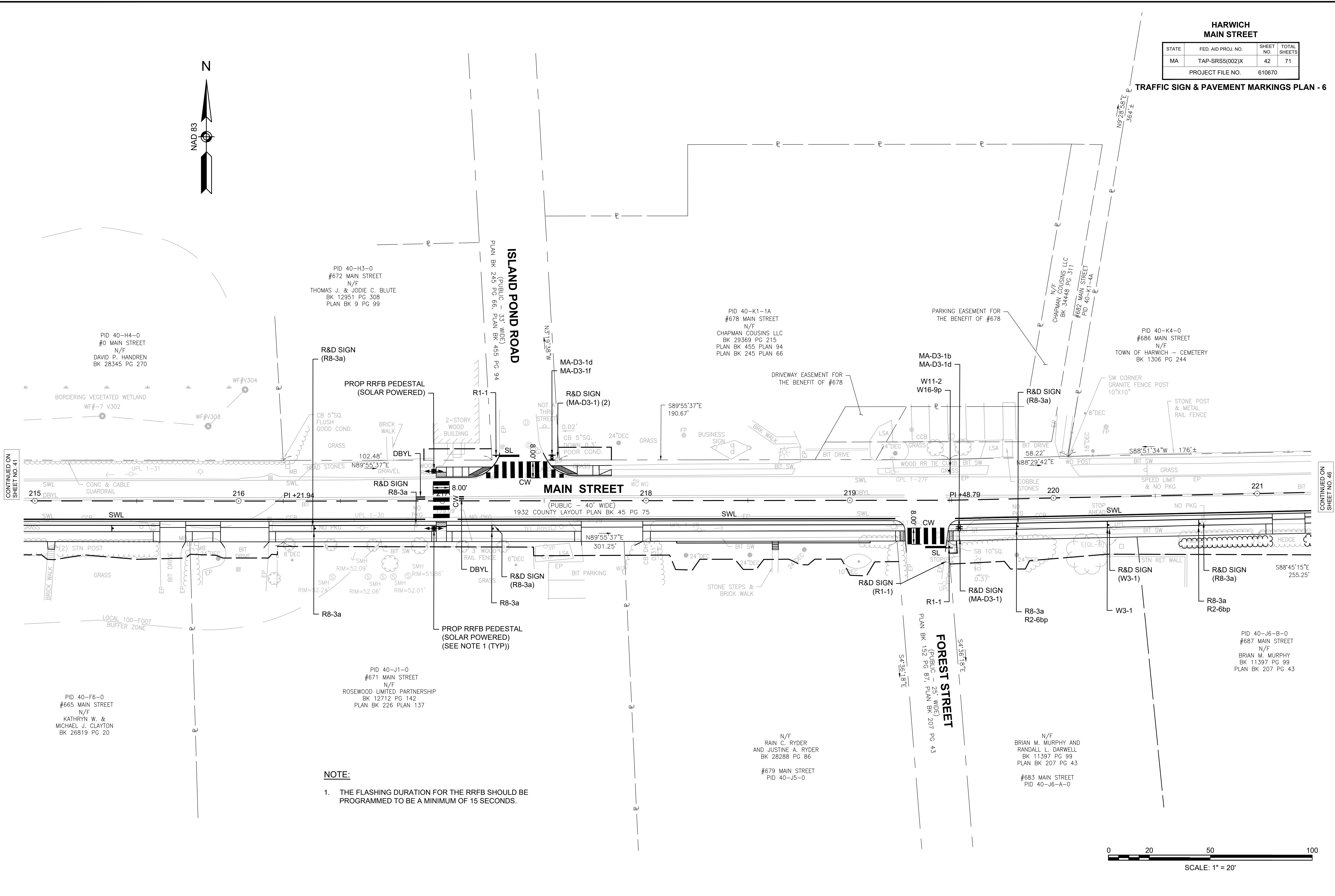
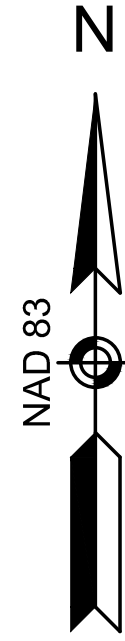
CONTINUED ON SHEET NO. 42



**HARWICH
MAIN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR5(002)X	42	71
PROJECT FILE NO.		610670	

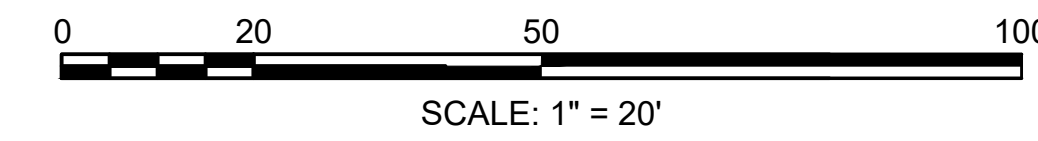
TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 6

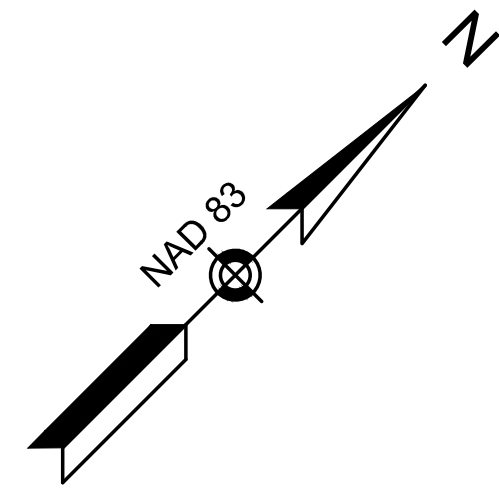


CONTINUED ON
SHEET NO. 41

CONTINUED ON
SHEET NO. 46

NOTE:
1. THE FLASHING DURATION FOR THE RRFB SHOULD BE PROGRAMMED TO BE A MINIMUM OF 15 SECONDS.





**HARWICH
SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	43	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 7

PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
BK 521 PG 396
PLAN BK 70 PG 125

PID 40-T1
#210 SISSON ROAD
N/F
DAVID R. & ANN E. LEFEBVRE
BK 32431 PG 269

PID 40-T2
#214 SISSON ROAD
THE WALPOLE
IRREVOCABLE TRUST, EMILY
WALPOLE-RENAUD, TR.
BK 37086 PG 141
PLAN BK 121 PLAN 93

PID 40-T3
#220 SISSON ROAD
N/F
JUDITH ANNE UNDERWOOD
BK 23272 PG 197

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

PID 31-B5
#198 SISSON ROAD
N/F
ROBIN MILLEN
BK 36224 PG 2
PLAN BK 344 PG 80

SISSON ROAD
(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 29

SISSON ROAD
(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 33

PID 31-A2
#199 SISSON ROAD
N/F
JENNA R. COULSEY
BK 35181 PG 225

PID 31-A3
#205 SISSON ROAD
N/F
ZELCH IRREVOCABLE TRUST
GARY ZELCH AND ELIZABETH ZELCH, TR.
BK 36815 PG 127

PROJECT END
STA 51+90
N2712464.2065
E1043903.5892

PID 31-A4
#207 SISSON ROAD
N/F
MELISSA M. SOUTHWORTH
BK 33620 PG 45

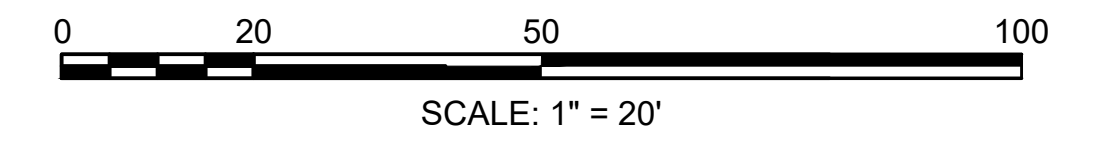
PID 31-A5
#211 SISSON ROAD
N/F
THOMAS A. & CAROL J. THIBERT
BK 25754 PG 122

PID 31-D4-11
#3 CHLOES PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

CHLOE'S PATH
PRIVATE - 30' WIDE
PLAN BOOK 666, PAGE 21

PID 31-D4-3
#4 CHLOES PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

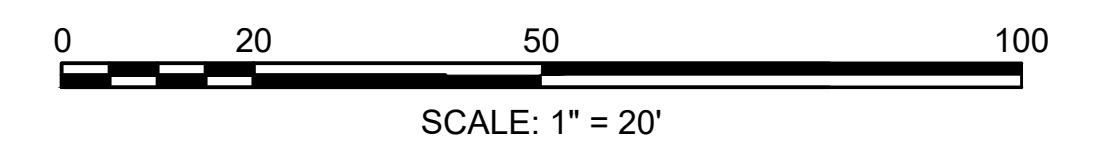
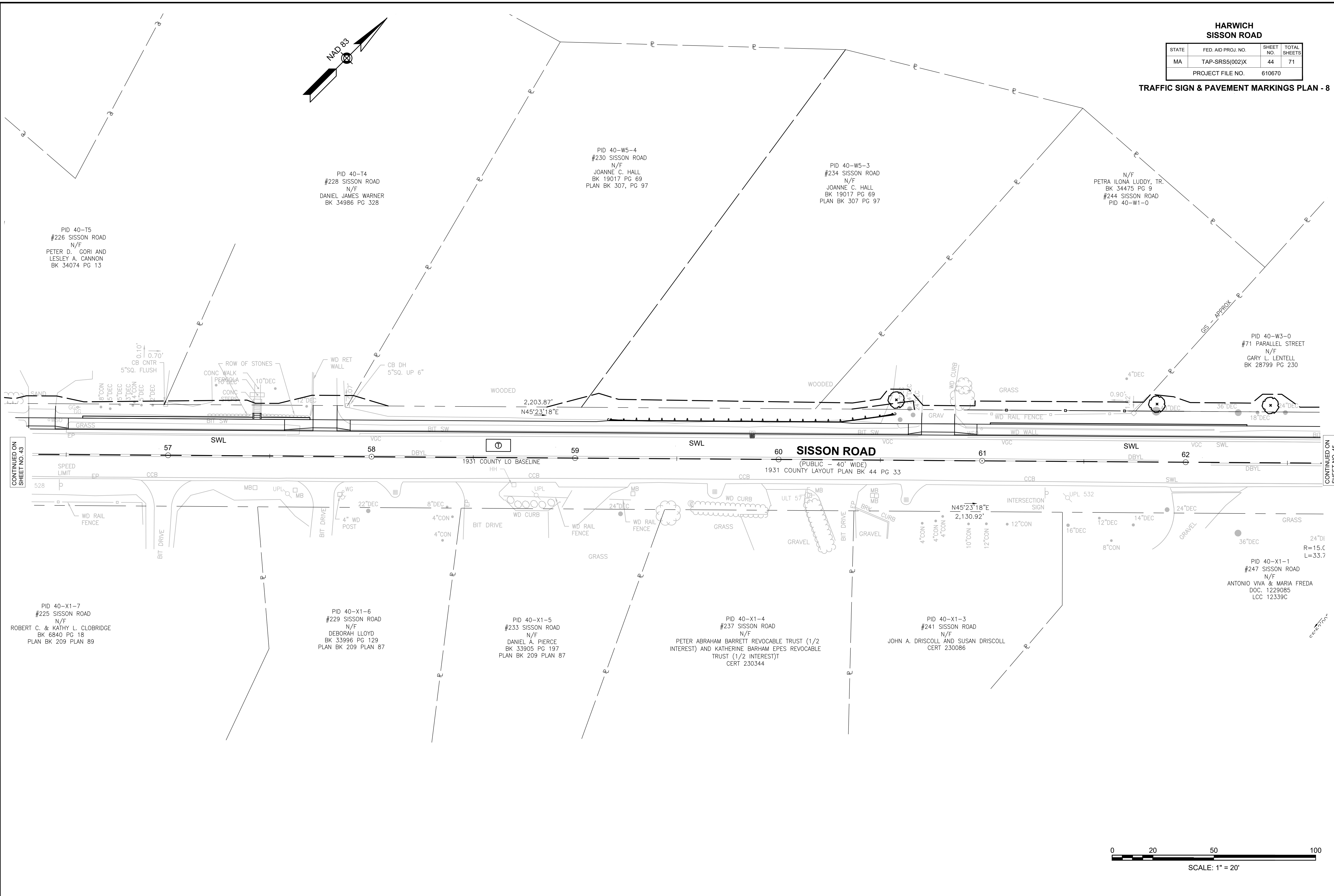


CONTINUED ON
SHEET NO. 44

**HARWICH
SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	44	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 8



CONTINUED ON
SHEET NO. 43

CONTINUED ON
SHEET NO. 45

610670_HD(SIGNS & STRIPING-8).DWG Plotted on 19-Mar-2026 11:53 AM

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

PID 40-T4
#228 SISSON ROAD
N/F
DANIEL JAMES WARNER
BK 34986 PG 328

PID 40-W5-4
#230 SISSON ROAD
N/F
JOANNE C. HALL
BK 19017 PG 69
PLAN BK 307, PG 97

PID 40-W5-3
#234 SISSON ROAD
N/F
JOANNE C. HALL
BK 19017 PG 69
PLAN BK 307 PG 97

N/F
PETRA ILONA LUDDY, TR.
BK 34475 PG 9
#244 SISSON ROAD
PID 40-W1-0

PID 40-W3-0
#71 PARALLEL STREET
N/F
GARY L. LENTELL
BK 28799 PG 230

PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

PID 40-X1-6
#229 SISSON ROAD
N/F
DEBORAH LLOYD
BK 33996 PG 129
PLAN BK 209 PLAN 87

PID 40-X1-5
#233 SISSON ROAD
N/F
DANIEL A. PIERCE
BK 33905 PG 197
PLAN BK 209 PLAN 87

PID 40-X1-4
#237 SISSON ROAD
N/F
PETER ABRAHAM BARRETT REVOCABLE TRUST (1/2
INTEREST) AND KATHERINE BARHAM EPES REVOCABLE
TRUST (1/2 INTEREST)†
CERT 230344

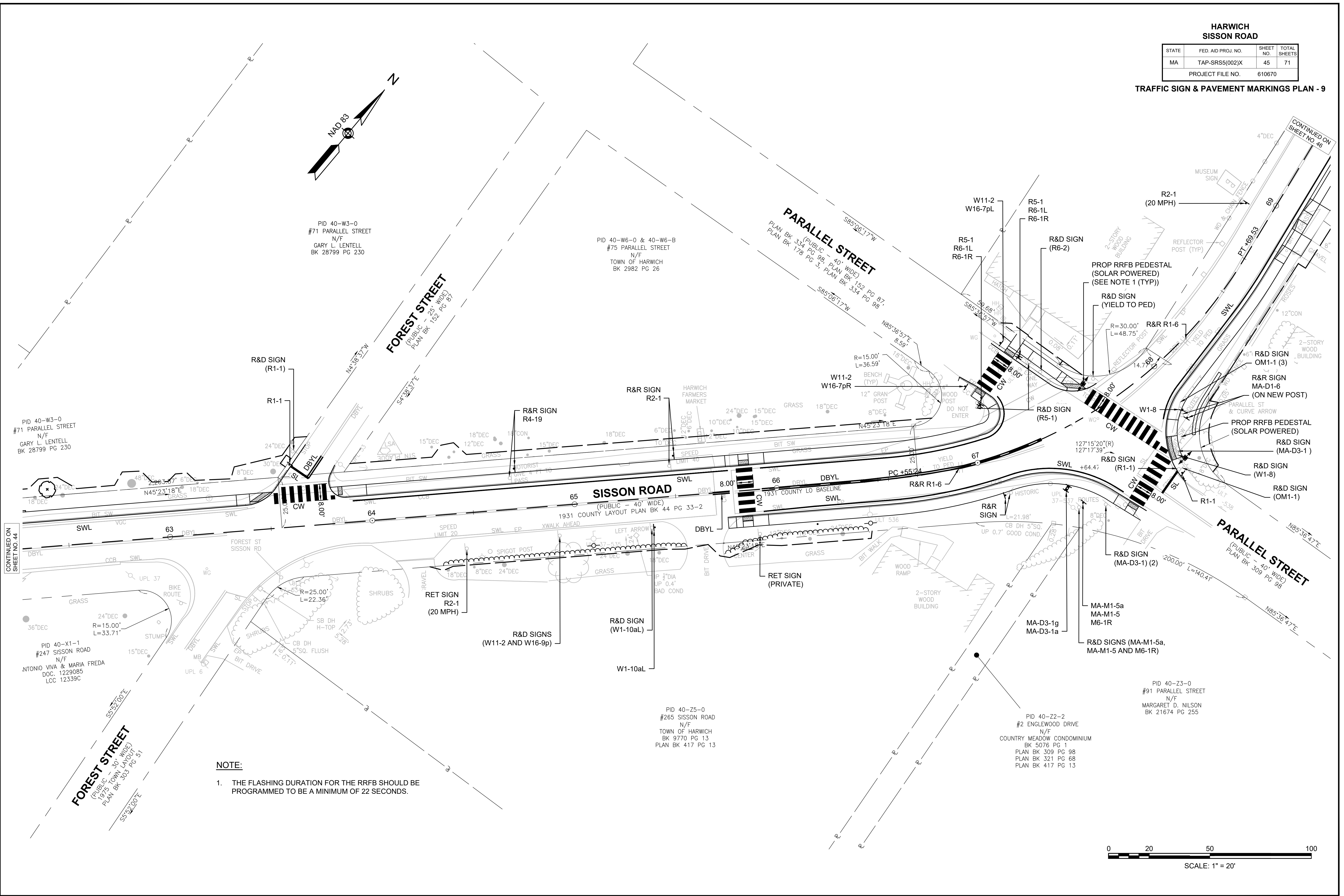
PID 40-X1-3
#241 SISSON ROAD
N/F
JOHN A. DRISCOLL AND SUSAN DRISCOLL
CERT 230086

PID 40-X1-1
#247 SISSON ROAD
N/F
ANTONIO VIVA & MARIA FREDA
DOC. 1229085
LCC 12339C

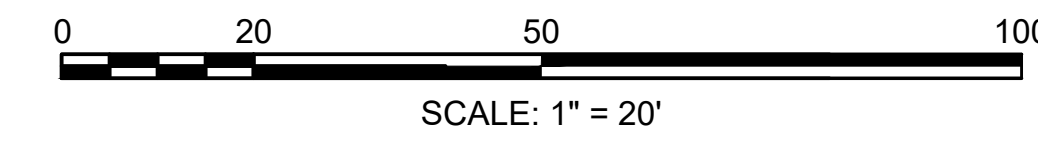
**HARWICH
SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(002)X	45	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 9



NOTE:
 1. THE FLASHING DURATION FOR THE RRFB SHOULD BE PROGRAMMED TO BE A MINIMUM OF 22 SECONDS.



CONTINUED ON SHEET NO. 44

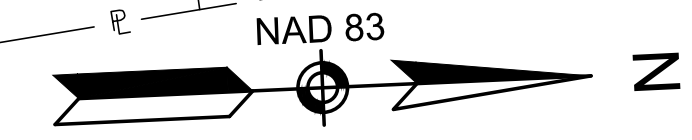
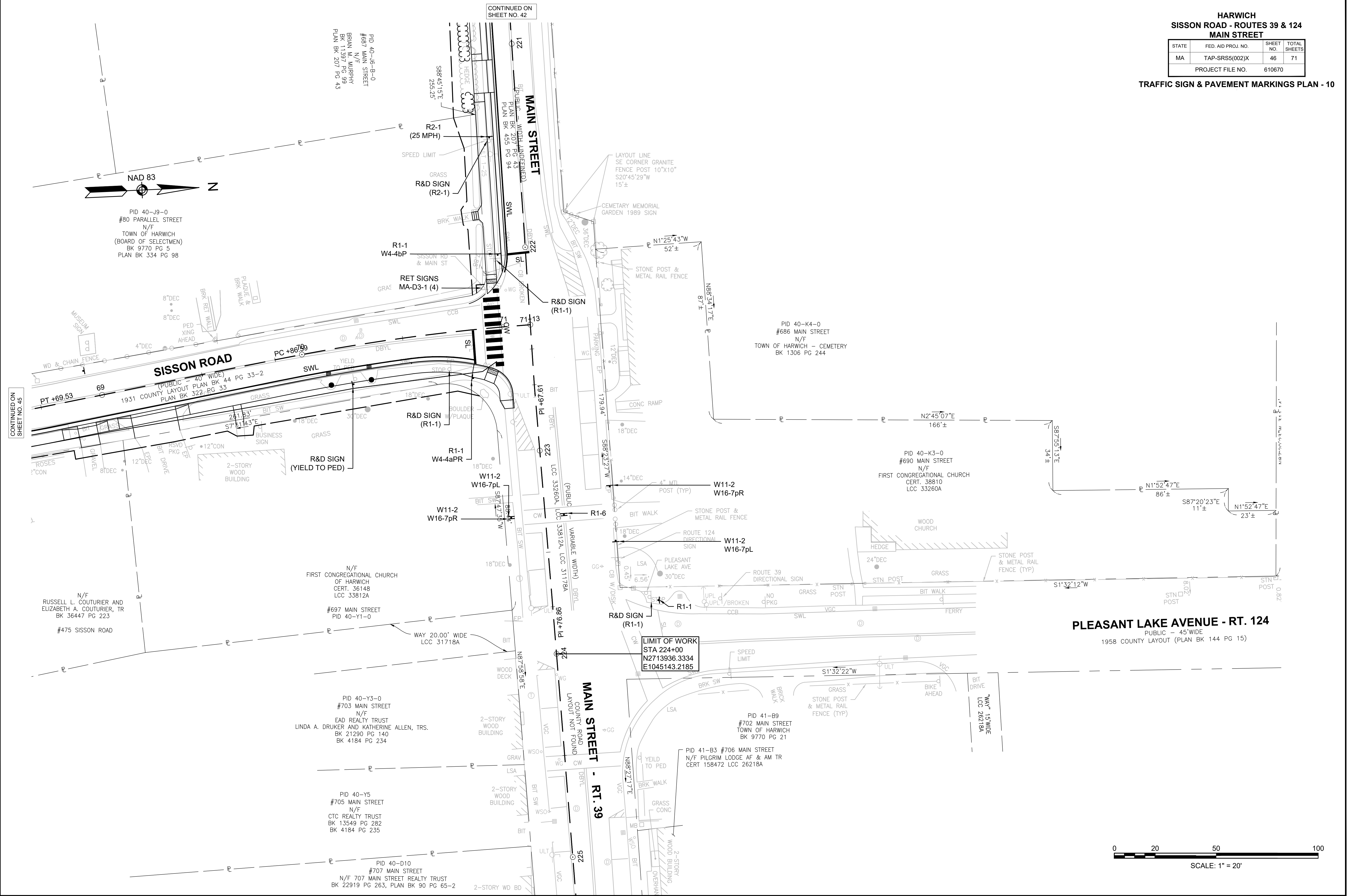
CONTINUED ON SHEET NO. 46

610670_HD(SIGNING & STRIPING-9).DWG Plotted on 19-Mar-2026 11:53 AM

HARWICH
SISSON ROAD - ROUTES 39 & 124
MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	46	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 10



PID 40-09-0
#80 PARALLEL STREET
N/F
TOWN OF HARWICH
(BOARD OF SELECTMEN)
BK 9770 PG 5
PLAN BK 334 PG 98

PID 40-06-0
#87 MAIN STREET
N/F
BRIAN M. MURPHY
BK 11397 PG 39
PLAN BK 207 PG 43

PID 40-K4-0
#686 MAIN STREET
N/F
TOWN OF HARWICH - CEMETERY
BK 1306 PG 244

PID 40-K3-0
#690 MAIN STREET
N/F
FIRST CONGREGATIONAL CHURCH
CERT. 38810
LCC 33260A

N/F
RUSSELL L. COUTURIER AND
ELIZABETH A. COUTURIER, TR
BK 36447 PG 223
#475 SISSON ROAD

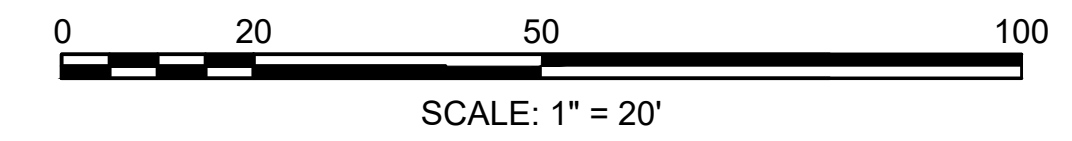
N/F
FIRST CONGREGATIONAL CHURCH
OF HARWICH
CERT. 36148
LCC 33812A

PID 40-Y3-0
#703 MAIN STREET
N/F
EAD REALTY TRUST
LINDA A. DRUKER AND KATHERINE ALLEN, TRS.
BK 21290 PG 140
BK 4184 PG 234

PID 40-Y5
#705 MAIN STREET
N/F
CTC REALTY TRUST
BK 13549 PG 282
BK 4184 PG 235

PID 40-D10
#707 MAIN STREET
N/F
707 MAIN STREET REALTY TRUST
BK 22919 PG 263, PLAN BK 90 PG 65-2

LIMIT OF WORK
STA 224+00
N2713936.3334
E1045143.2185



CONTINUED ON SHEET NO. 48

CONTINUED ON SHEET NO. 42

610670_HID(SIGNING & STRIPING-10).DWG Plotted on 19-Mar-2026 11:54 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	47	71
PROJECT FILE NO. 610670			

TRAFFIC SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
MA-D3-1a	48	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)	—	—	4	GREEN	WHITE	WHITE	P5.4 MOUNTED W/ MA-D3-1c AND MA-D3-1g	4.0	16.0
MA-D3-1b	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)			2	GREEN	WHITE	WHITE	MOUNTED W/ MA-D3-1d AND MA-D3-1g	3.0	6.0
MA-D3-1c	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)			4	GREEN	WHITE	WHITE	MOUNTED W/ MA-D3-1a AND MA-D3-1d	3.0	12.0
MA-D3-1d	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)			8	GREEN	WHITE	WHITE	P5.2 MOUNTED W/ MA-D3-1b, MA-D3-1c, MA-D3-1e AND MA-D3-1f	3.0	24.0
MA-D3-1e	66	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)			2	GREEN	WHITE	WHITE	P5.2 MOUNTED W/ MA-D3-1d	5.5	11.0
MA-D3-1f	63	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)			2	GREEN	WHITE	WHITE	P5.2 MOUNTED W/ MA-D3-1d	5.3	10.5
MA-D3-1g (85% LETTER SPACING)	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN.)			2	GREEN	WHITE	WHITE	MOUNTED W/ MA-D3-1a	3.0	6.0
MA-M1-5a (ROUTE 124)	30	24		SEE MASSDOT STANDARD SIGN BOOK			1	WHITE	BLACK	BLACK	P5.1	5.0	5.0
MA-M1-5 (ROUTE 39)	24	24					1	WHITE	BLACK	BLACK	MTD WITH MA-M1-5 AND M6-1	4.0	4.0
M6-1 (R)	21	15		SEE MUTCD			1	WHITE	BLACK	BLACK	MTD WITH MA-M1-5a AND MA-M1-5	2.2	2.2
R1-1	36	36					13	RED	WHITE	WHITE	P5.13	9.0	117.0
R2-6bp	24	18					6	WHITE	BLACK	BLACK	MTD WITH R8-3a	3.0	18.0
R5-1	30	30					3	RED / WHITE	WHITE	WHITE	P5.3	6.3	18.8
R6-1L	36	12					4	BLACK	BLACK / WHITE	WHITE	MTD WITH R5-1 AND R1-1	3.0	12.0
R6-1R	36	12					4	BLACK	BLACK / WHITE	WHITE	MTD WITH R5-1 AND R1-1	3.0	12.0
R8-3a	24	30					9	WHITE	RED	RED	P5.9	5.0	45.0
R1-6	12	36					1	WHITE / YELLOW / RED	BLACK / RED	BLACK	RUBBER BASE, 1	3.0	3.0

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
R2-1	24	30					2	WHITE	BLACK	BLACK	P5.2	5.0	10.0
S5-2	24	30					1	WHITE	BLACK	BLACK	P5.1	5.0	5.0
W1-8	18	24					1	YELLOW	BLACK	BLACK	P5.1	3.0	3.0
W1-10aL	36	36					1	YELLOW	BLACK	BLACK	P5.1	9.0	9.0
W3-1	30	30					1	YELLOW	BLACK / YELLOW / RED	BLACK	P5.1	6.3	6.3
W4-4aPR	24	12					1	FL. YEL-GR	BLACK	BLACK	MOUNTED W/ R1-1	2.00	2.0
W4-4bP	24	12					1	FL. YEL-GR	BLACK	BLACK	MOUNTED W/ R1-1	2.00	2.0
W11-2	30	30					12	FL. YEL-GR	BLACK	BLACK	ON SIGNAL POST	6.3	75.0
							10	FL. YEL-GR	BLACK	BLACK	P5.10	6.3	62.5
W16-7P(L)	24	12					6	FL. YEL-GR	BLACK	BLACK	ON SIGNAL POST	2.0	12.0
							4	FL. YEL-GR	BLACK	BLACK	MTD WITH W11-2 AND S1-1	2.0	8.0
W16-7P(R)	24	12					6	FL. YEL-GR	BLACK	BLACK	ON SIGNAL POST	2.0	12.0
							4	FL. YEL-GR	BLACK	BLACK	MTD WITH W11-2 AND S1-1	2.0	8.0
W16-9P	24	12					6	FL. YEL-GR	BLACK	BLACK	MTD WITH W11-2 AND S1-1	2.0	12.0
R10-25	9	12					6	WHITE	BLACK	BLACK	ON SIGNAL POST	0.75	4.50
S1-1	36	36					6	FL. YEL-GR	BLACK	BLACK	P5.4	9.0	54.0
SP-1	24	30		450 (PRIMARY) 350 (SECONDARY)	1"	N/A	2	WHITE	BLACK	BLACK	P5.2	5.0	10.00
TOTAL AREA OF SIGNS (SQUARE FEET)												617.69	

NOTES:

- SEE MUTCD 2009 EDITION, 2004 STD. HWY. SIGNS (INCLUDING ALL REVISIONS AND SUPPLEMENTS), SECTION M9.30.0 TYPE IV OF THE MASSDOT STANDARD SPECIFICATION FOR RETROFLECTIVE SHEETING, AND MASSDOT STANDARD SIGN BOOK FOR MASSDOT STANDARD SIGNS (TYPE MA- SIGNS).
- SIGN ASSEMBLIES OVER 10 SQUARE FEET OR ANY STREET NAME SIGN GREATER THAN 36" SHALL BE MOUNTED ON TWO P5 POSTS.
- SIGNS SHALL BE PRINTED ONE SIDE (POS) AND MOUNTED BACK-TO-BACK, WITH BOLTS THROUGH THE SIGN FACE AND POST. SIGNS SHALL NOT BE CAP-MOUNTED.
- SEE MUTCD 2009 EDITION SECTION 2A.18 FOR SIGN MOUNTING HEIGHT.

TRAFFIC SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
R9-11aR	24	12		SEE MUTCD			2	FL. ORANGE	BLACK	BLACK	P5, 1	2.0	4.0
R9-11aL	24	12					2	FL. ORANGE	BLACK	BLACK	P5, 1	2.0	4.0
R9-9	24	12					4	FL. ORANGE	BLACK	BLACK	P5, 1	2.0	8.0
W20-7a	36	36					6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
W20-4	36	36					6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
W20-1	36	36					6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
MA-R2-10a	48	36		SEE MASSDOT STANDARD SIGN BOOK			6	FL. ORANGE	BLACK	BLACK	P5, 1	12.0	72.0
MA-R2-10e	36	48					6	FL. ORANGE	BLACK	BLACK	P5, 1	12.0	72.0
MA-W20-7b	36	36					6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
TOTAL AREA OF SIGNS (SQUARE FEET)												376.0	

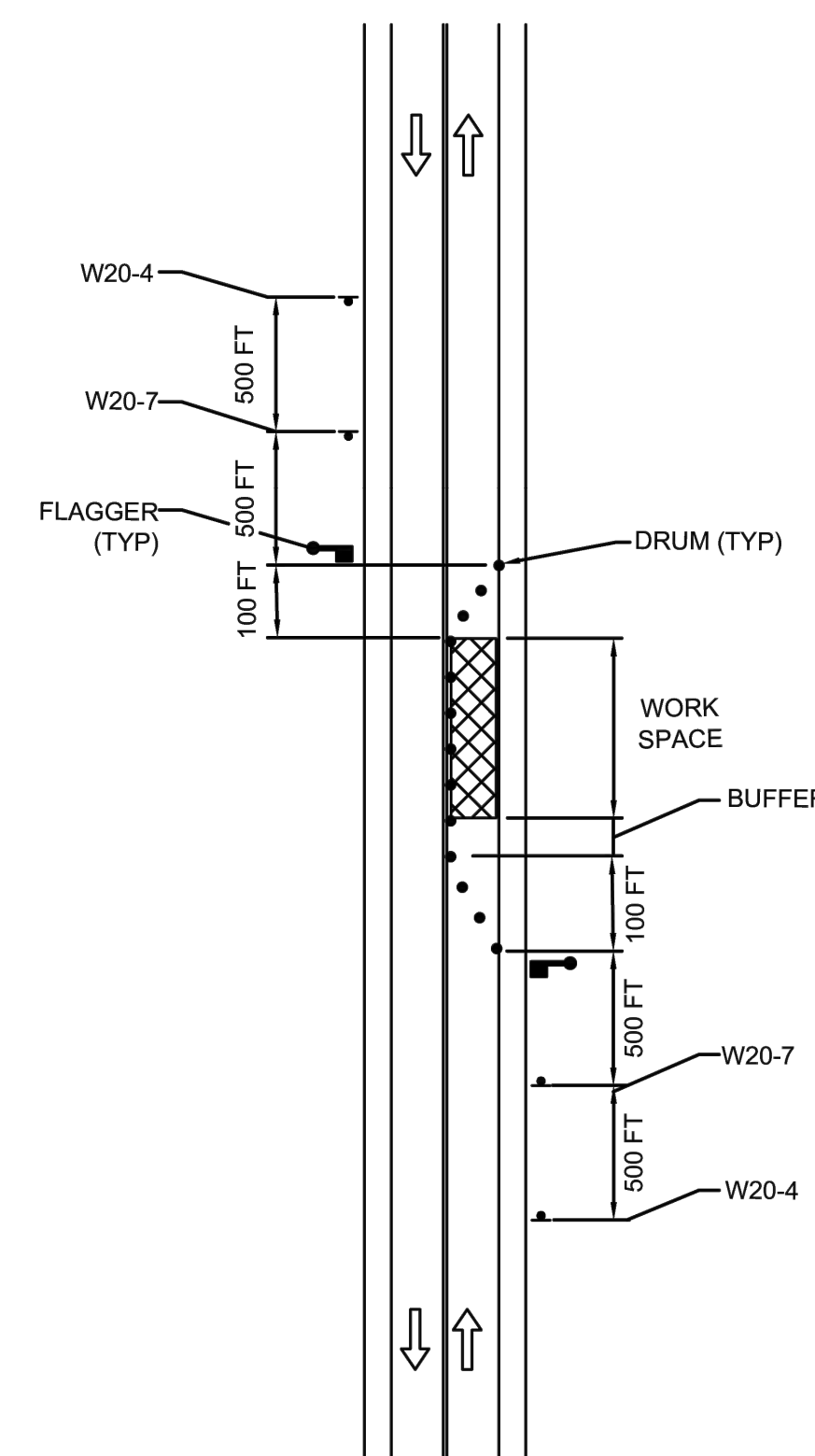
NOTES:

- W20-1 TO BE PLACED 350' IN ADVANCE OF WORK ZONE SIGNS SHOWN.
- MA-R2-10a, AND MA-R2-10e SIGNS TO BE PLACED IN ACCORDANCE WITH MASSDOT STANDARDS.
- ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ALL REVISIONS, MASSDOT'S "STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TEMPORARY TRAFFIC CONTROL PLANS", THE STANDARD SPECIFICATIONS, AND THE FOLLOWING NOTES.
- ALL SIGN LEGENDS, BORDERS AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD.
- TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE HIGHWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
- DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
- MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
- MAINTAIN MINIMUM TRAVEL LANE WIDTH OF 10 FEET.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.
- THE BUFFER SPACES SHOULD BE EXTENDED IF NECESSARY SO THAT THE 100' MAX. TWO-WAY TRAFFIC TAPERS ARE PLACED BEFORE THE HORIZONTAL (OR CREST VERTICAL) CURVES TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND QUEUES OF STOPPED VEHICLES.
- ACCESS TO ALL BUSINESSES AND RESIDENCES WITHIN THE WORK AREA SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL PLACE TEMPORARY CONSTRUCTION SIGNS TO ENSURE THAT A 36" UNOBSTRUCTED MINIMUM CLEARANCE IS PROVIDED AT ALL TIMES ON SIDEWALKS OPEN TO PEDESTRIANS. AT LOCATIONS WHERE A 36" MINIMUM CLEARANCE CANNOT BE ACHIEVED, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO PROVIDE MOUNTED SIGNS WITH THE BOTTOM OF THE SIGN OVERHANG NO LESS THAN 84" HIGH IN ORDER TO MEET ADA STANDARDS. THIS WORK SHALL BE PAID FOR UNDER "TRAFFIC MANAGEMENT ITEM."
- TEMPORARY CONSTRUCTION ADVANCED WARNING SIGNS POSTED ON MINOR INTERSECTING STREETS SHOWN IN THE "TYPICAL CLOSURE AT SIDE OF INTERSECTION" DETAIL, MAY BE PLACED 100 FT APART.
- THE LONGITUDINAL PEDESTRIAN CHANNELING DEVICES SHALL BE POSITIONED SUCH THAT THERE ARE NO GAPS ACROSS THE ENTIRE WIDTH OF THE SIDEWALK.
- THE LONGITUDINAL PEDESTRIAN CHANNELING DEVICES USED FOR THE SIDEWALK CLOSURE SHALL HAVE A DETECTABLE EDGE IN ACCORDANCE WITH SECTION 6F.74 OF THE MOST RECENT EDITION OF THE MUTCD, INCLUDING ALL REVISIONS AND ADDENDA.
- CROSSWALKS OR STOP LINES OBSCURED OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE END OF EACH SHIFT. TEMPORARY MATERIALS MAY BE USED IF IT IS EXPECTED THAT THE LINES WILL BE OBSCURED OR DAMAGED AGAIN. THERMOPLASTIC SHALL NOT BE USED FOR PERMANENT REPLACEMENT.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN ADA COMPLIANT ACCESS AT ALL TIMES THROUGHOUT CONSTRUCTION
- ALL TEMPORARY FACILITIES, INCLUDING BUT NOT LIMITED TO, TEMPORARY PEDESTRIAN PASSAGEWAYS AROUND A CONSTRUCTION SITE, SHALL COMPLY WITH 521 CMR.

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	48	71
PROJECT FILE NO.		610670	

TEMPORARY TRAFFIC CONTROL PLAN 1



MINIMUM LENGTH OF LONGITUDINAL BUFFER IS EQUAL TO THE STOPPING SIGHT DISTANCE AT THE POSTED SPEED LIMIT AND CAN BE DETERMINED FROM THE FOLLOWING TABLE:

STOPPING SIGHT DISTANCE	
SPEED (MPH)	DISTANCE (FT)
25	155
30	200
35	250
40	305

NOTES:

- MAXIMUM DRUM SPACING IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
- DRAWING SHALL NOT BE USED ON ROADS WITH A SPEED LIMIT OF 45 MPH OR GREATER UNLESS ADT IS LESS THAN 4,000 VPD.

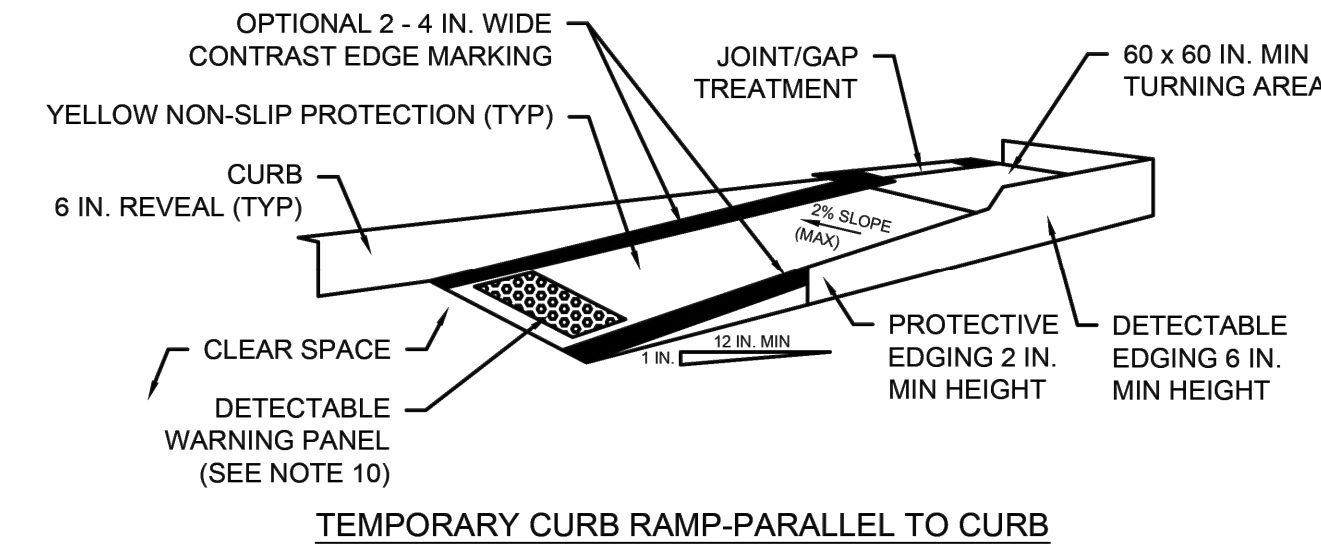
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	49	71
PROJECT FILE NO.		610670	

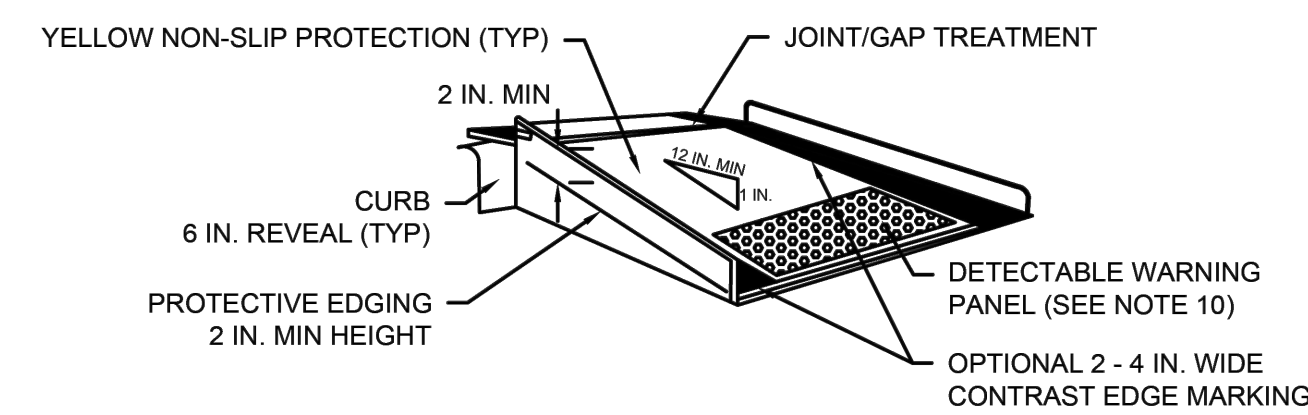
TEMPORARY TRAFFIC CONTROL PLAN 2

NOTE:

SEE TEMPORARY TRAFFIC CONTROL PLAN 1 FOR ADDITIONAL NOTES APPLICABLE TO THIS SHEET.



TEMPORARY CURB RAMP-PARALLEL TO CURB



TEMPORARY CURB RAMP-PERPENDICULAR TO CURB

NOTES:

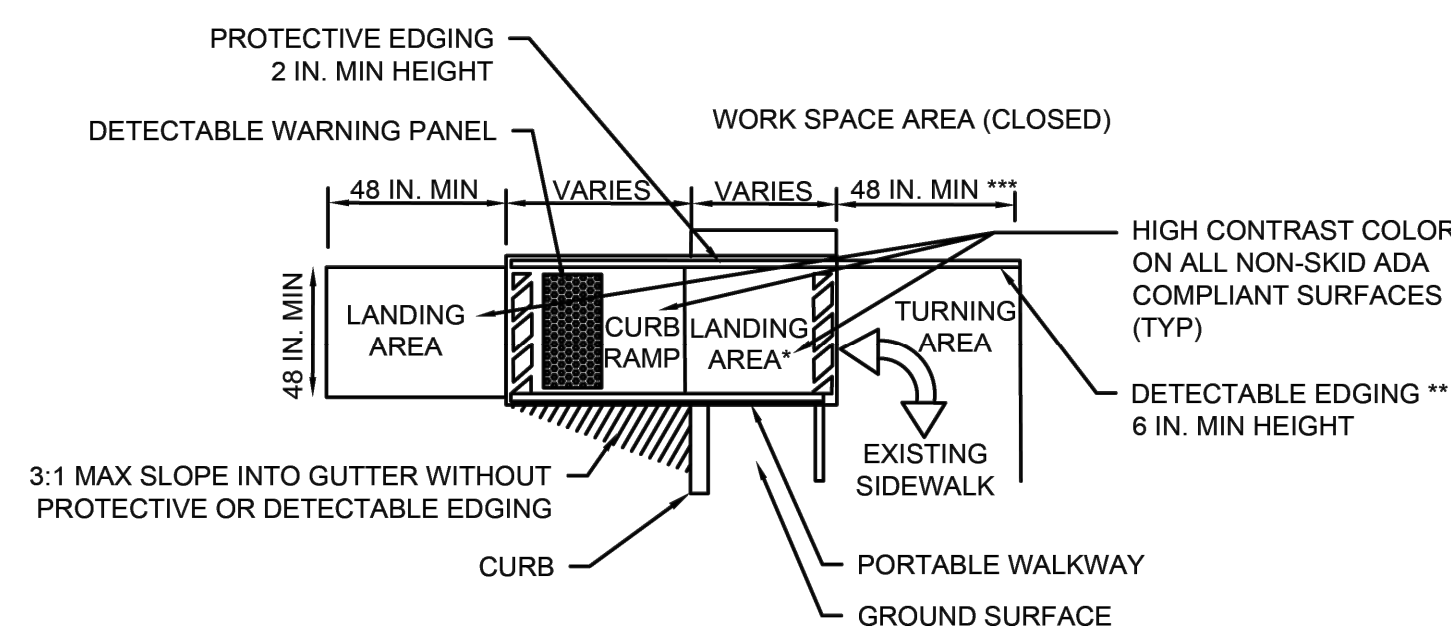
- CURB RAMP SHALL BE 60 IN. MINIMUM WIDTH WITH A FIRM, STABLE, AND NON-SLIP SURFACE.
- PROTECTIVE EDGING WITH A 2 IN. MINIMUM HEIGHT SHALL BE INSTALLED WHEN THE CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6 IN. OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN THE CURB RAMP OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3 IN. OR MORE.
- DETECTABLE EDGING WITH 6 IN. MINIMUM HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- THE CURB RAMP WALKWAY AND LANDING AREA SURFACE SHALL BE OF A SOLID CONTINUOUS CONTRASTING COLOR ABUTTING UP TO THE EXISTING SIDEWALK.
- CURB RAMP AND LANDINGS SHOULD HAVE A 1:50 (2%) MAXIMUM CROSS-SLOPE.
- CLEAR SPACE OF 48 x 48 IN. MINIMUM SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- WATER FLOW IN THE GUTTER SYSTEM SHALL HAVE MINIMAL RESTRICTION.
- LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 0.5 IN. WIDTH.
- CHANGES BETWEEN SURFACE HEIGHTS SHOULD NOT EXCEED 0.5 IN. LATERAL EDGES SHOULD BE VERTICAL UP TO 0.25 IN. HIGH, AND BEVELED AT 1:2 BETWEEN 0.25 IN. AND 0.5 IN. HEIGHT.
- IF A TEMPORARY PEDESTRIAN RAMP LEADS TO A CROSSWALK, THEN A DETECTABLE WARNING PANEL MUST BE ADHERED TO THE BASE OF THE RAMP. IF IT LEADS TO A PROTECTED PEDESTRIAN BYPASS THAT DOES NOT CONFLICT WITH VEHICULAR TRAFFIC, THEN A DETECTABLE WARNING PANEL SHALL NOT BE INSTALLED ON THE RAMP.



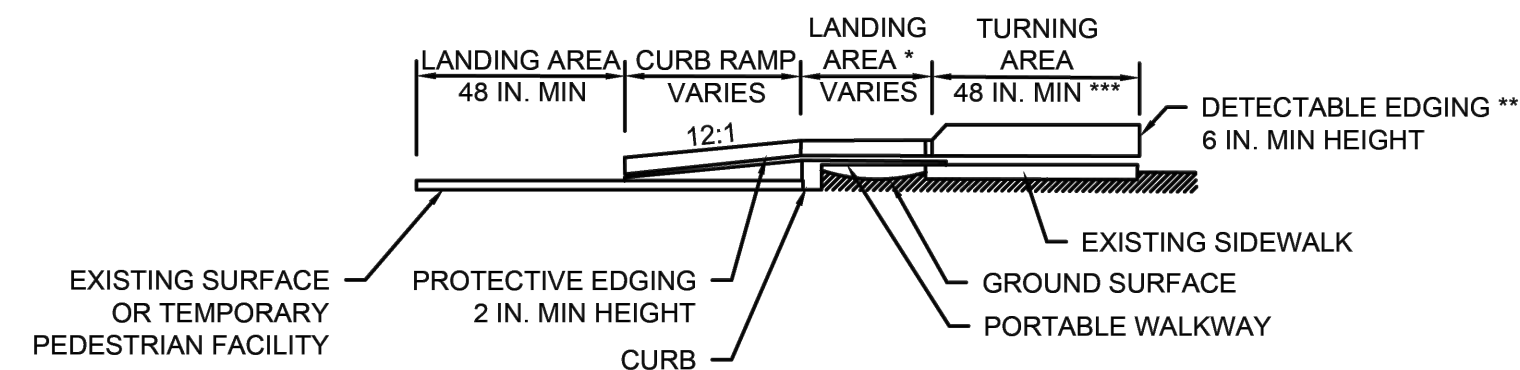
CONSTRUCTION STANDARDS
SECTION 800

TEMPORARY CURB RAMP (1 OF 2)

ISSUE DATE
JAN 2025
DRAWING NUMBER
850.1.1



TEMPORARY CURB RAMP



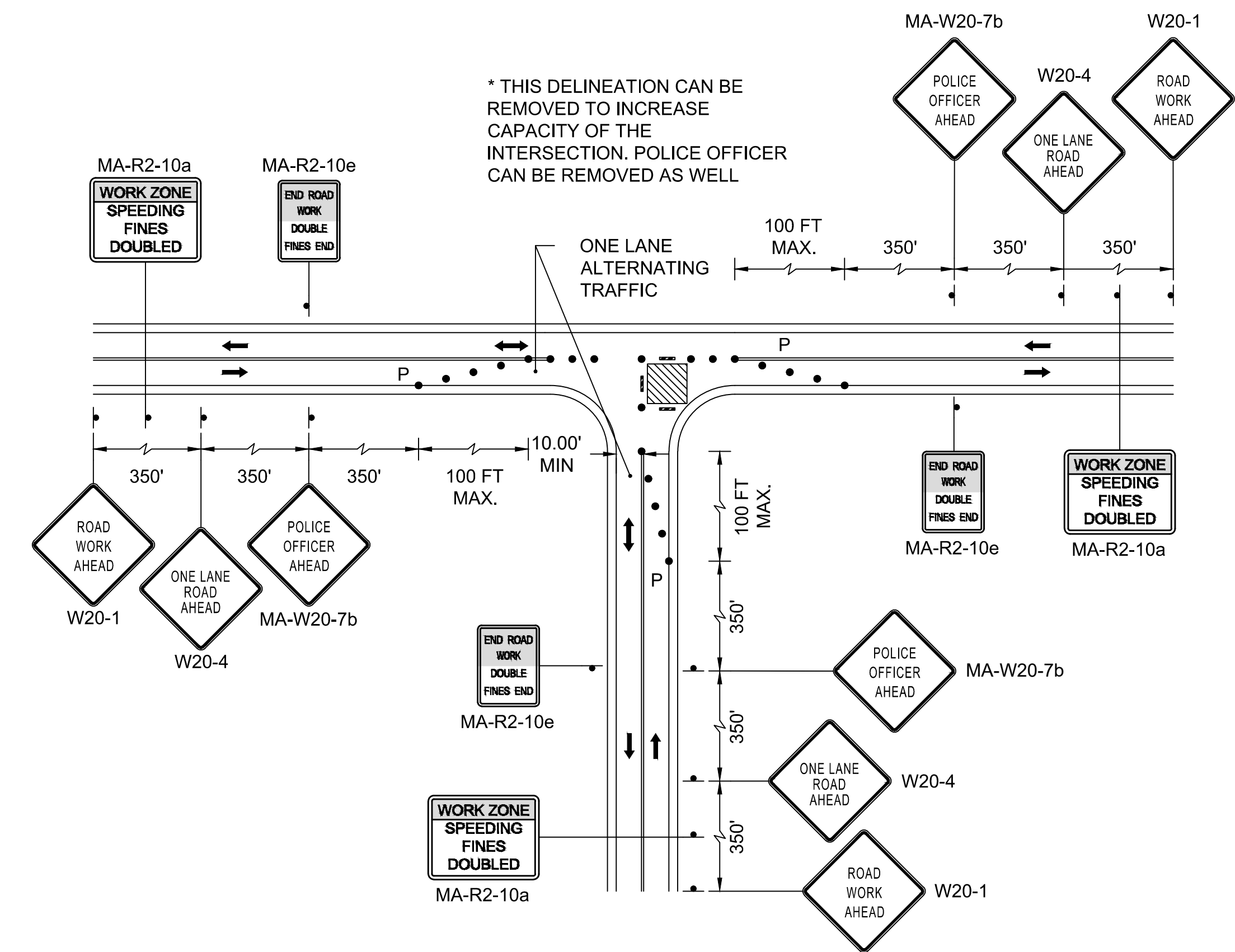
- * LANDING AREA USED TO OVERLAP NON-ADA COMPLIANT SURFACES.
- ** DETECTABLE EDGING REMOVED IF A CONTINUOUS SIDEWALK.
- *** 60 IN. MINIMUM IF AN OBSTRUCTION IS AT BACK OF SIDEWALK.



CONSTRUCTION STANDARDS
SECTION 800

TEMPORARY CURB RAMP (2 OF 2)

ISSUE DATE
JAN 2025
DRAWING NUMBER
850.1.1

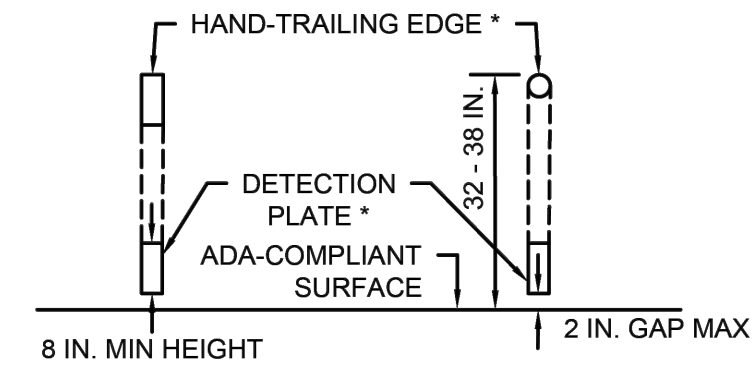


SINGLE LANE APPROACH ON QUADRANT CLOSURE
NOT TO SCALE

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	50	71
PROJECT FILE NO.		610670	

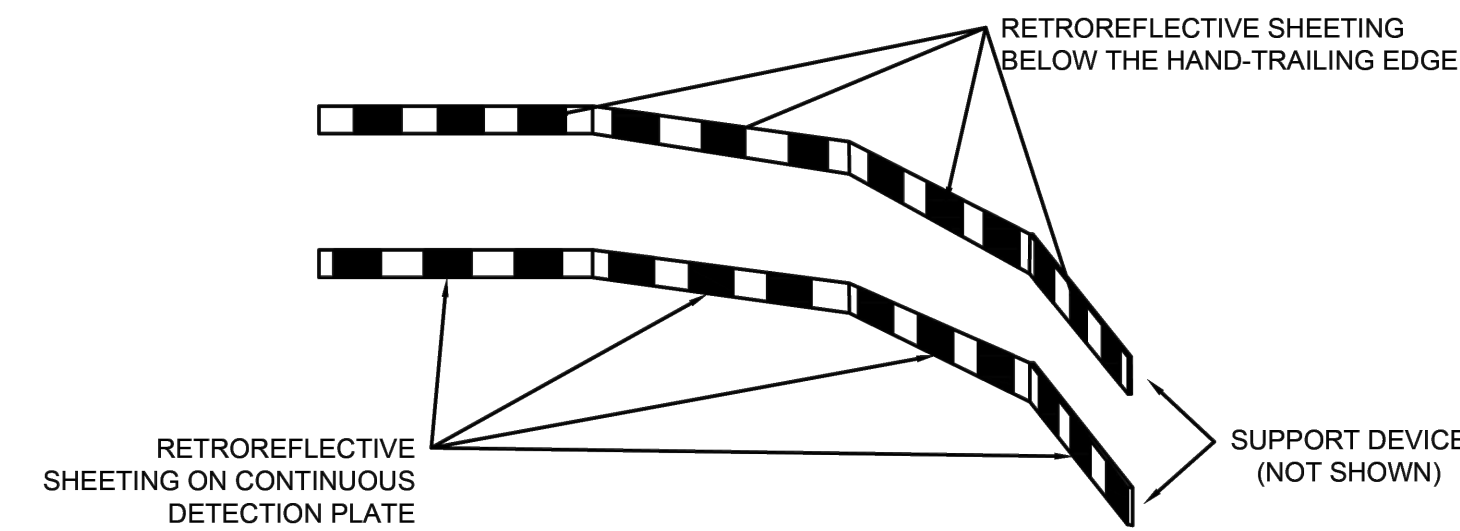
TEMPORARY TRAFFIC CONTROL PLAN 3



CROSS SECTION VIEW

* THE HAND-TRAILING EDGE AND DETECTION PLATE SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE PATH SUCH THAT A PEDESTRIAN USER WITH A LONG CANE CAN FOLLOW IT.

STANDARD RETROREFLECTIVE LAYOUT FOR PEDESTRIAN CHANNELIZING DEVICES

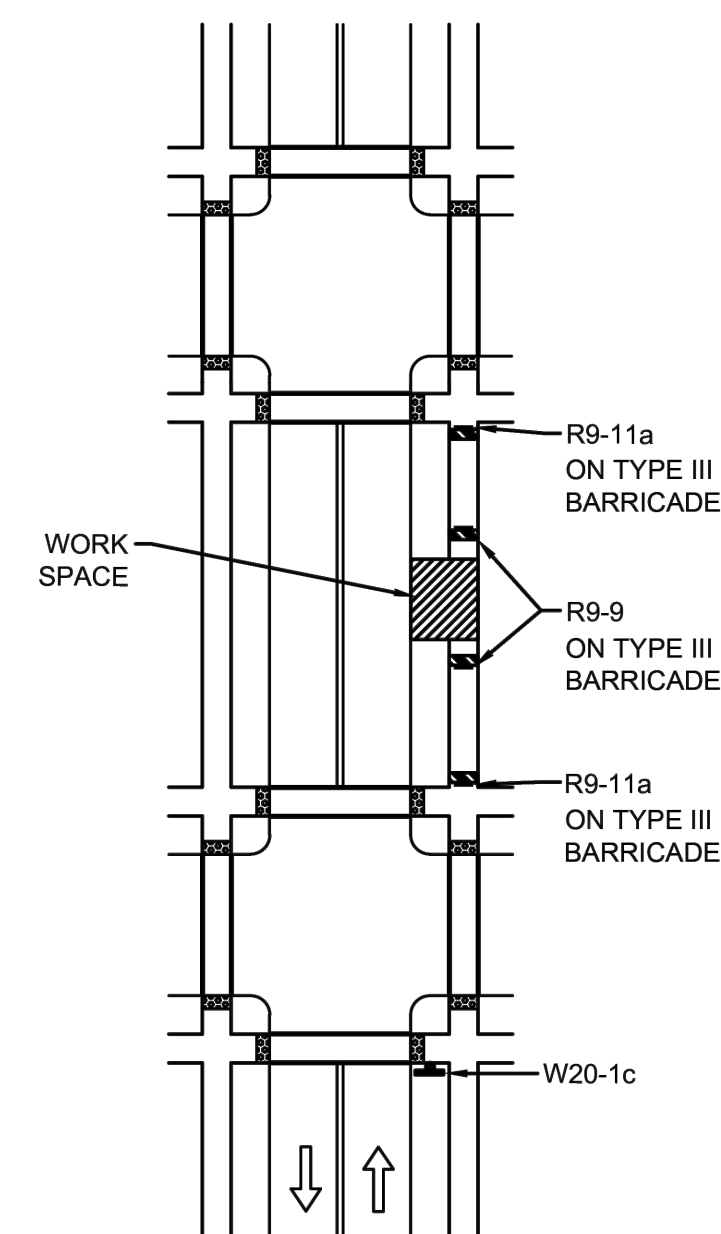


ISOMETRIC VIEW

NOTES:

1. A MAXIMUM 2-INCH GAP BETWEEN THE BOTTOM OF THE CONTINUOUS DETECTION PLATE AND THE WALKWAY SURFACE MAY BE USED TO PROVIDE DRAINAGE.
2. HAND-TRAILING EDGE AND DETECTION PLATE ARE OPTIONAL FOR CONTINUOUS WALLS.
3. SUPPORT DEVICE FOR CONTINUOUS DETECTION PLATE AND CONTINUOUS HAND-TRAILING EDGE NOT SHOWN ON THE PLAN.
4. STRIPING ON SHEETING PANELS MAY BE EITHER VERTICAL OR AT A 45-DEGREE ANGLE.
5. RETROREFLECTIVE AREAS CAN BE DISTRIBUTED IN A MANNER THAT ENSURES VISIBILITY AND DETECTION WITHOUT NECESSITATING A SINGLE CONTINUOUS APPLICATION.

	CONSTRUCTION STANDARDS	PEDESTRIAN CHANNELIZING DEVICE	ISSUE DATE	DRAWING NUMBER
	SECTION 800		JAN 2025	851.3.1



NOTE:

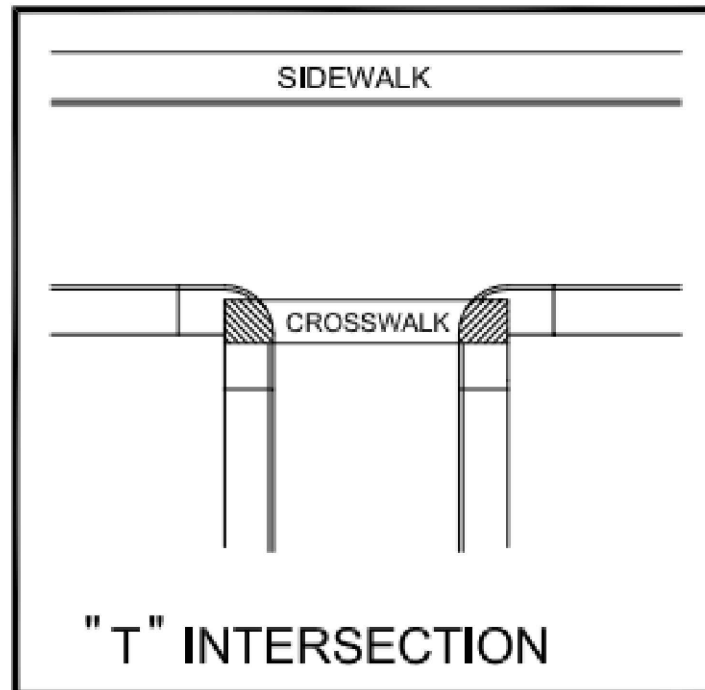
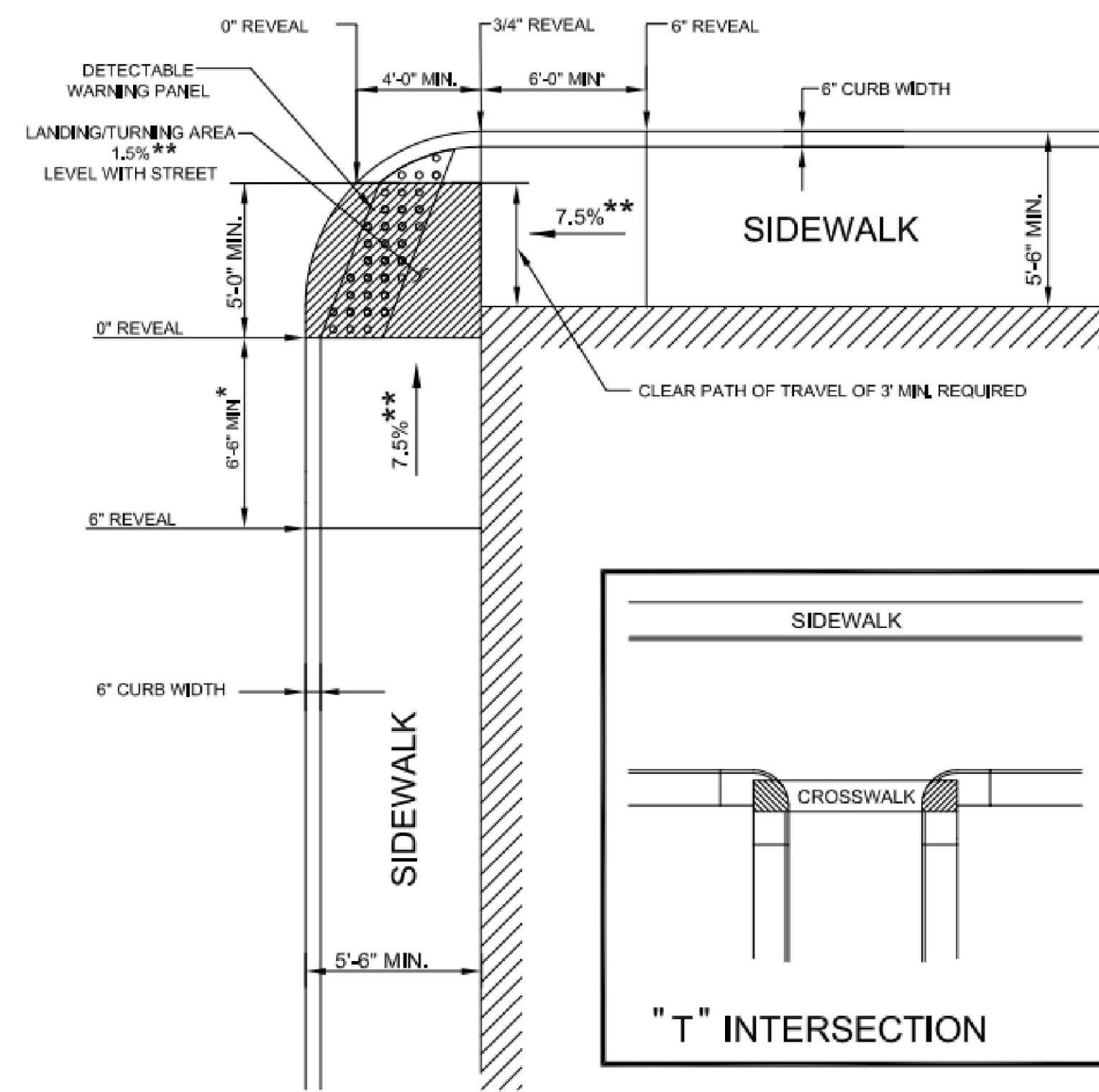
SEE TEMPORARY TRAFFIC CONTROL PLAN 1 FOR ADDITIONAL NOTES APPLICABLE TO THIS SHEET.

	CONSTRUCTION STANDARDS	SIDEWALK DETOUR	ISSUE DATE	DRAWING NUMBER
	SECTION 800		JAN 2025	852.1.1

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

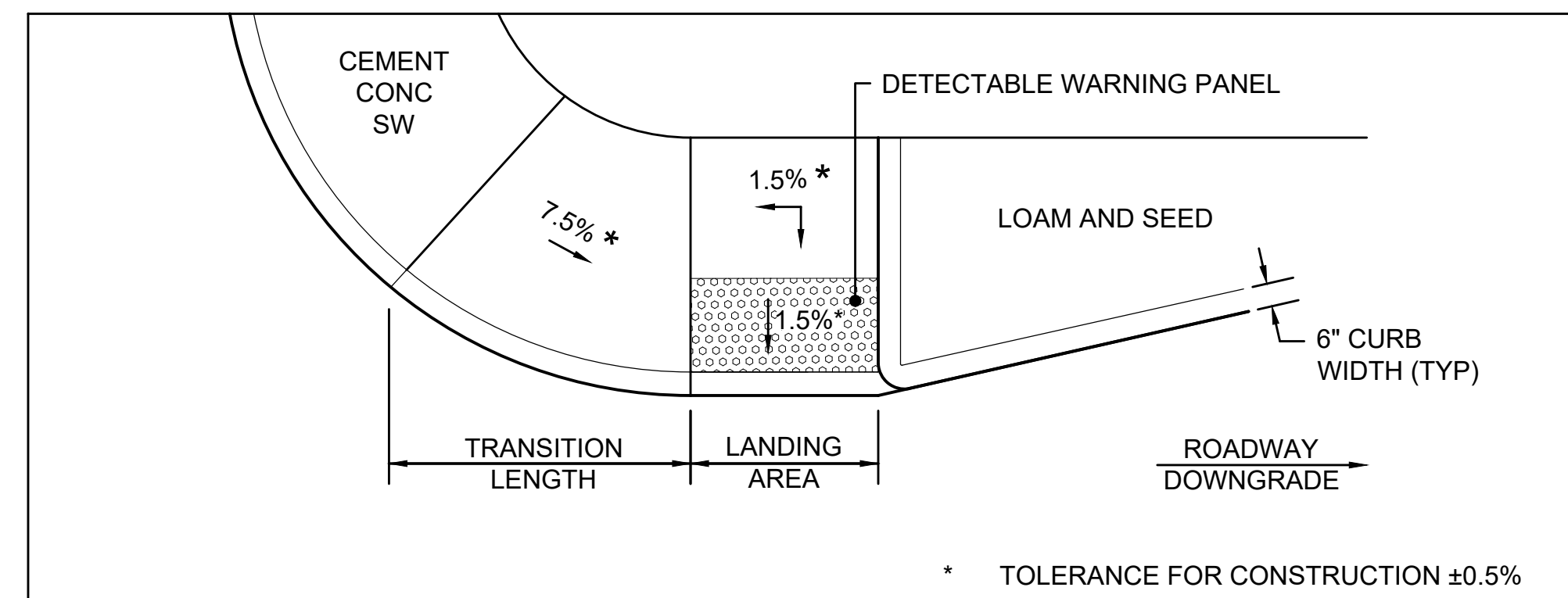
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	51	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 1



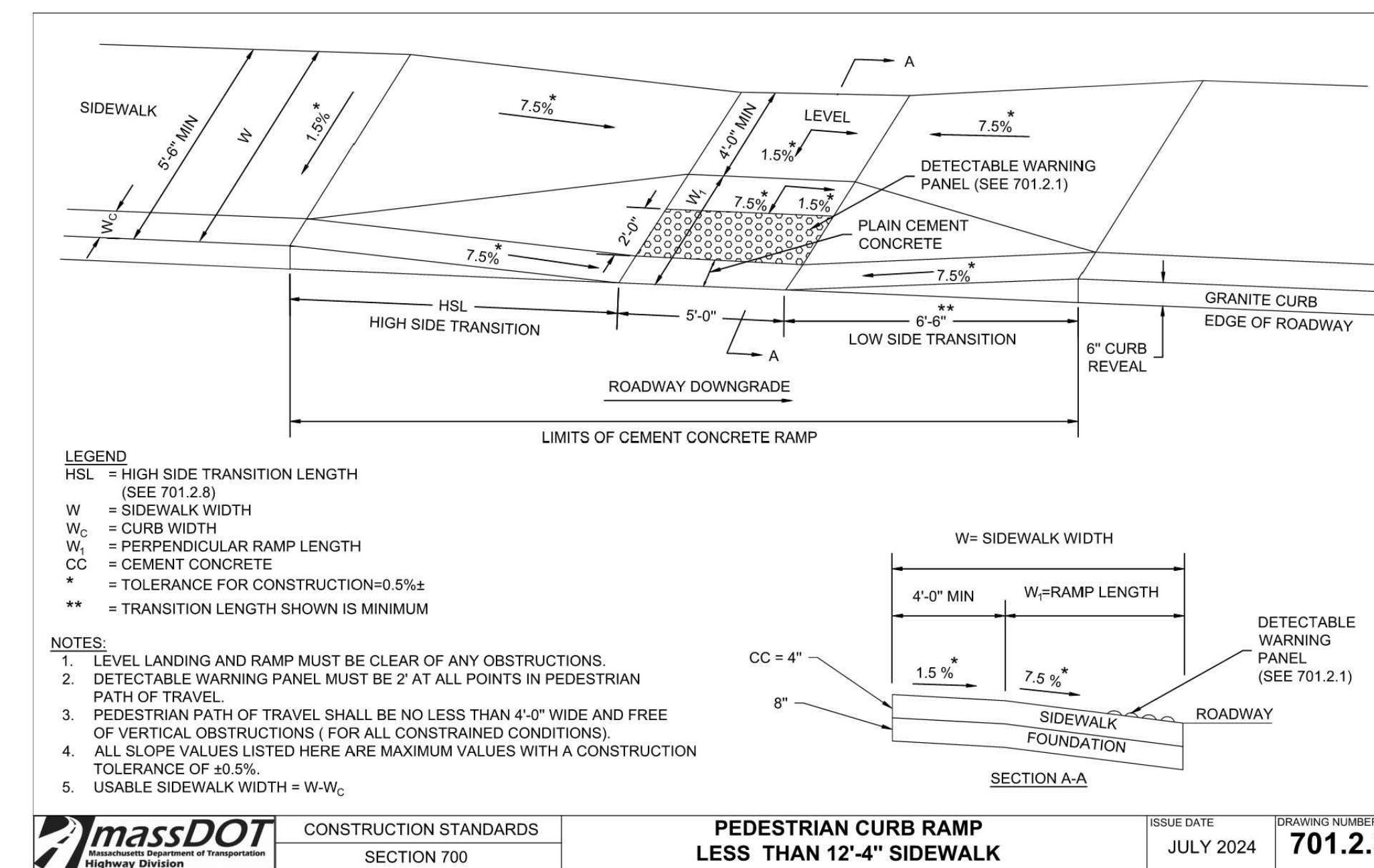
* TOLERANCE FOR CONSTRUCTION ±0.5%
** NOTED FROM STANDARD DETAIL

PEDESTRIAN CURB RAMP - TYPE 1									
ROADWAY	PCR #	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)		
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE	
SISSON	7-2	52+51	16' LT	-0.5%	3.84'	6.5'	3"	6"	



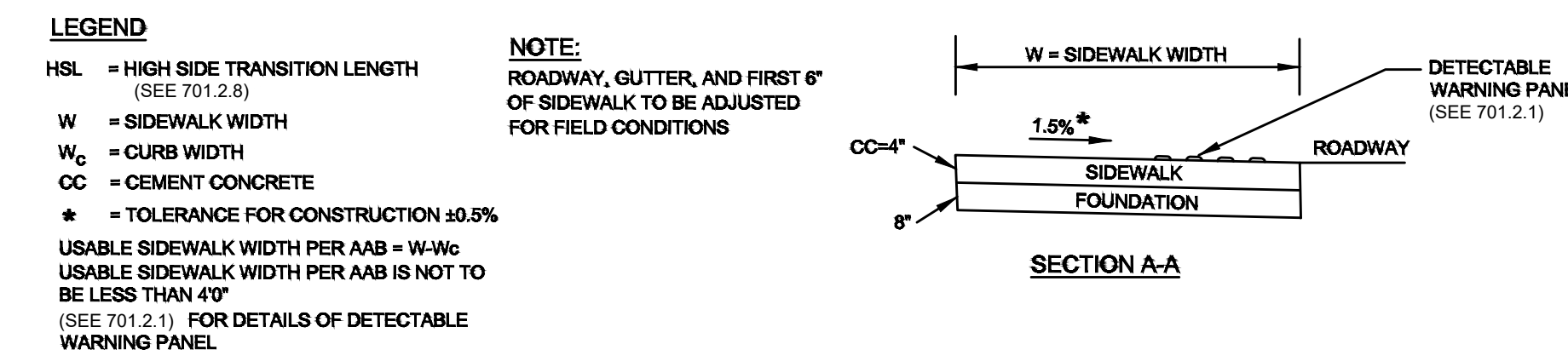
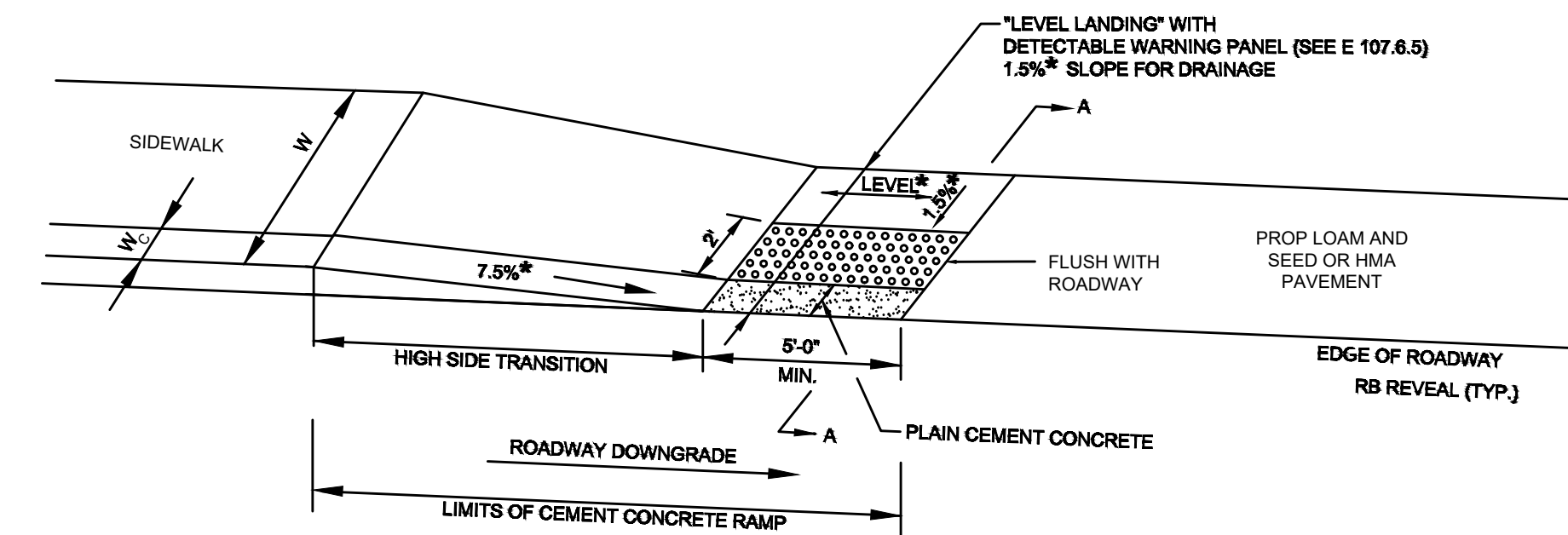
* TOLERANCE FOR CONSTRUCTION ±0.5%

PEDESTRIAN CURB RAMP - TYPE 2 (MODIFIED)										
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET				HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SISSON	9-4	67+15	35' LT	5.5'	5.0'	-0.32%	-	6.5'	-	6"



massDOT	CONSTRUCTION STANDARDS	PEDESTRIAN CURB RAMP	ISSUE DATE	DRAWING NUMBER
	SECTION 700	LESS THAN 12'-4" SIDEWALK	JULY 2024	701.2.3

PEDESTRIAN CURB RAMP - TYPE 1 (MODIFIED)											
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK (W)	WIDTH OF RAMP ENTRANCE 5.0' (MIN)	LENGTH OF PRIMARY RAMP (W1)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET					HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	3-1	111+32	15' RT	8.5'	5.0'	3.7'	-2.21%	3.7'	6.5'	2"	6"



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
W = SIDEWALK WIDTH
W_c = CURB WIDTH
W₁ = PERPENDICULAR RAMP LENGTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION ±0.5%
USABLE SIDEWALK WIDTH PER AAB = W-W_c
USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4' (SEE 701.2.1) FOR DETAILS OF DETECTABLE WARNING PANEL

NOTE:
ROADWAY, GUTTER, AND FIRST 6' OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS

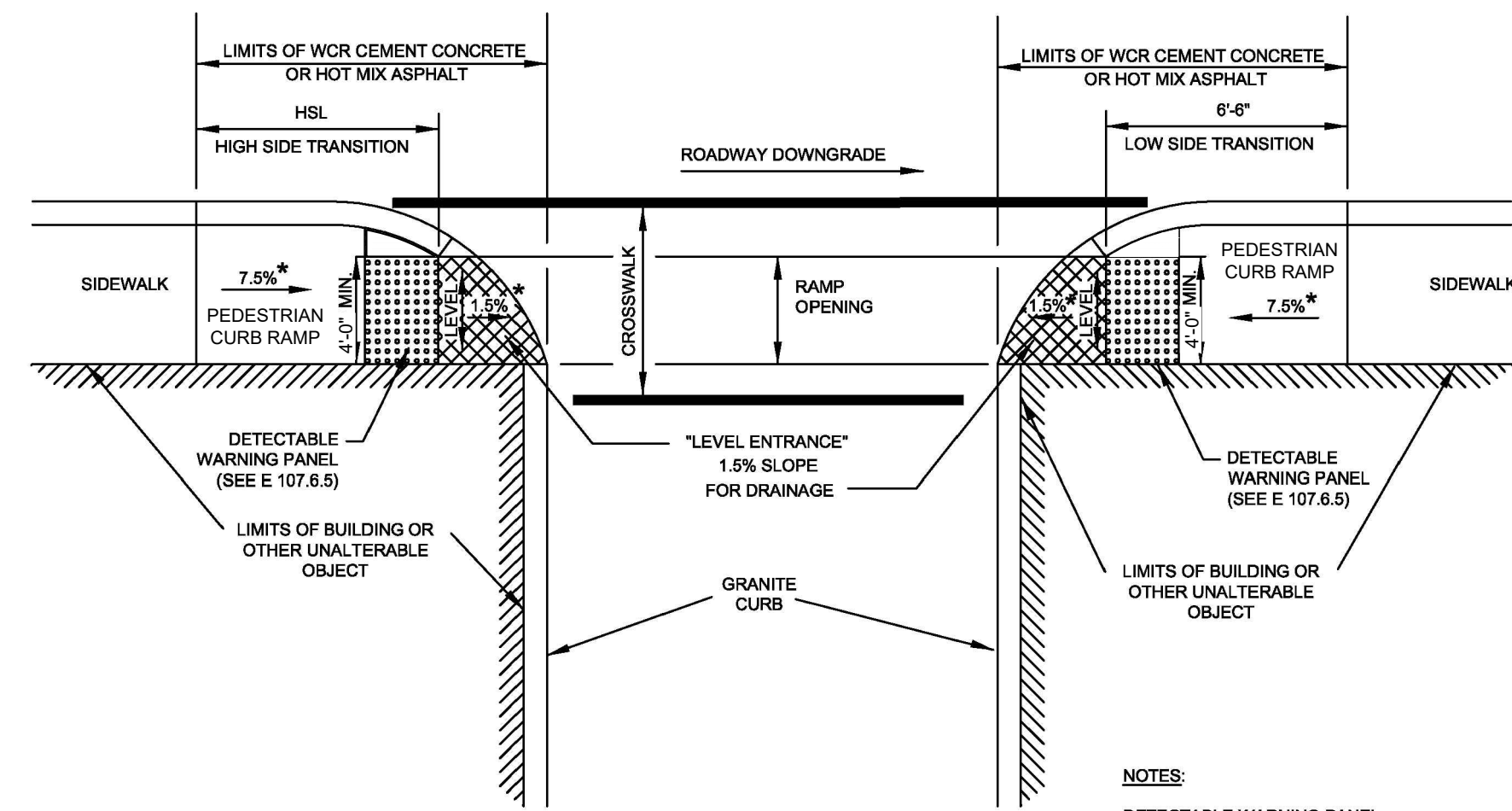
- NOTE:**
- SIDEWALK TERMINATES ON THE EAST SIDE OF MAIN STREET AND SISSON ROAD AT THESE LOCATIONS, AND ON THE SOUTH SIDE OF SOUTH STREET, THEREFORE A HIGH SIDE TRANSITION IS NOT NEEDED.

PEDESTRIAN CURB RAMP - TYPE 2									
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	4-2	208+91	12' LT	5.0'	-0.09%	-	4.5'	-	4"
MAIN	6-2	217+00	12' LT	5.0'	-0.06%	3.25'	-	3"	-
SISSON	9-6	67+59	53' RT	5.0'	+0.65%	-	6.5'	-	6"
SISSON	9-7	67+79	43' RT	12.0'	-0.50%	7.67'	-	6"	-
SOUTH	1-6	104+32.5	11.5 LT	5.5'	LEVEL	3.25'	-	3"	-

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

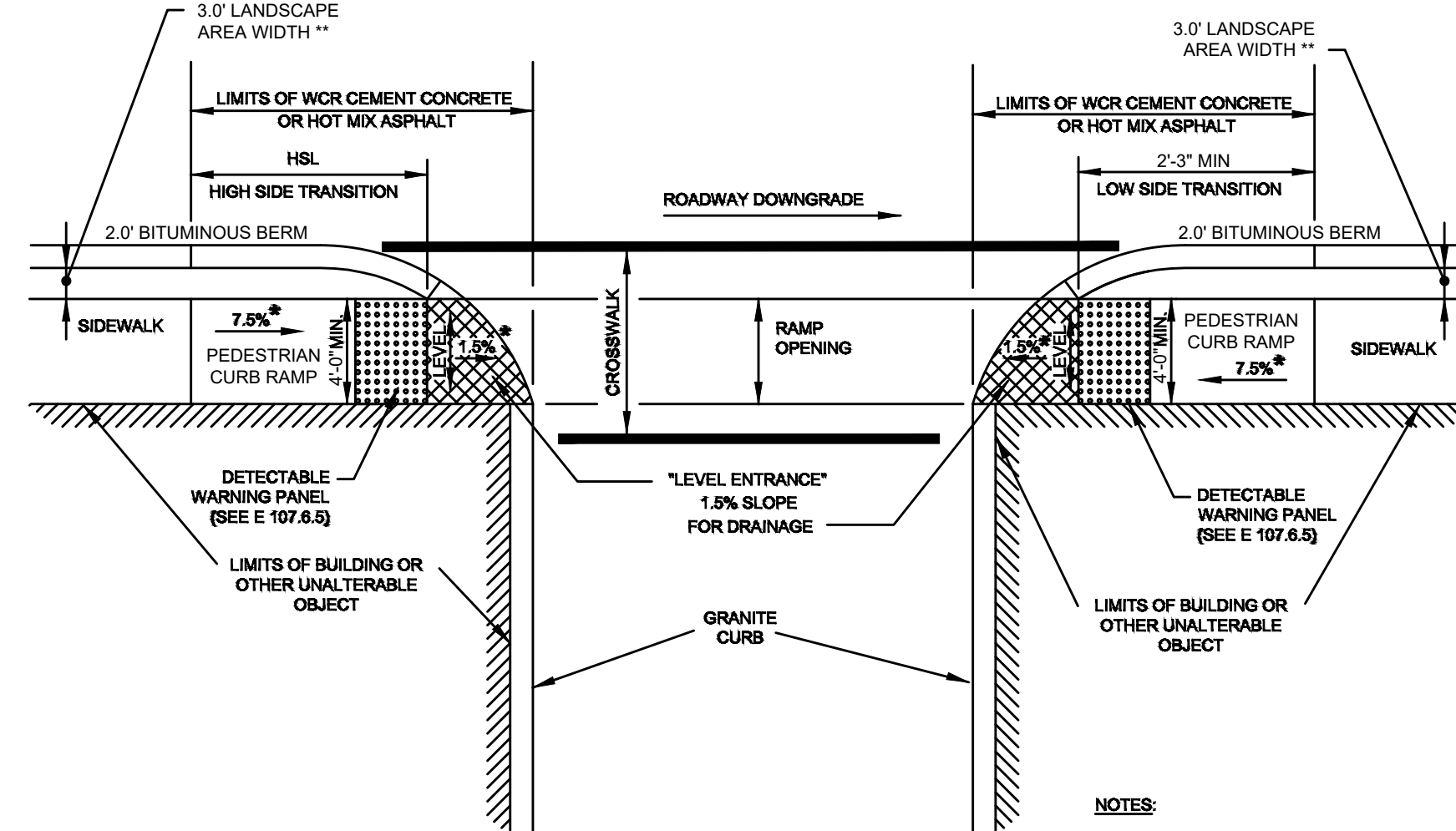
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	52	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 2



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
* = TOLERANCE FOR CONSTRUCTION ±0.5%

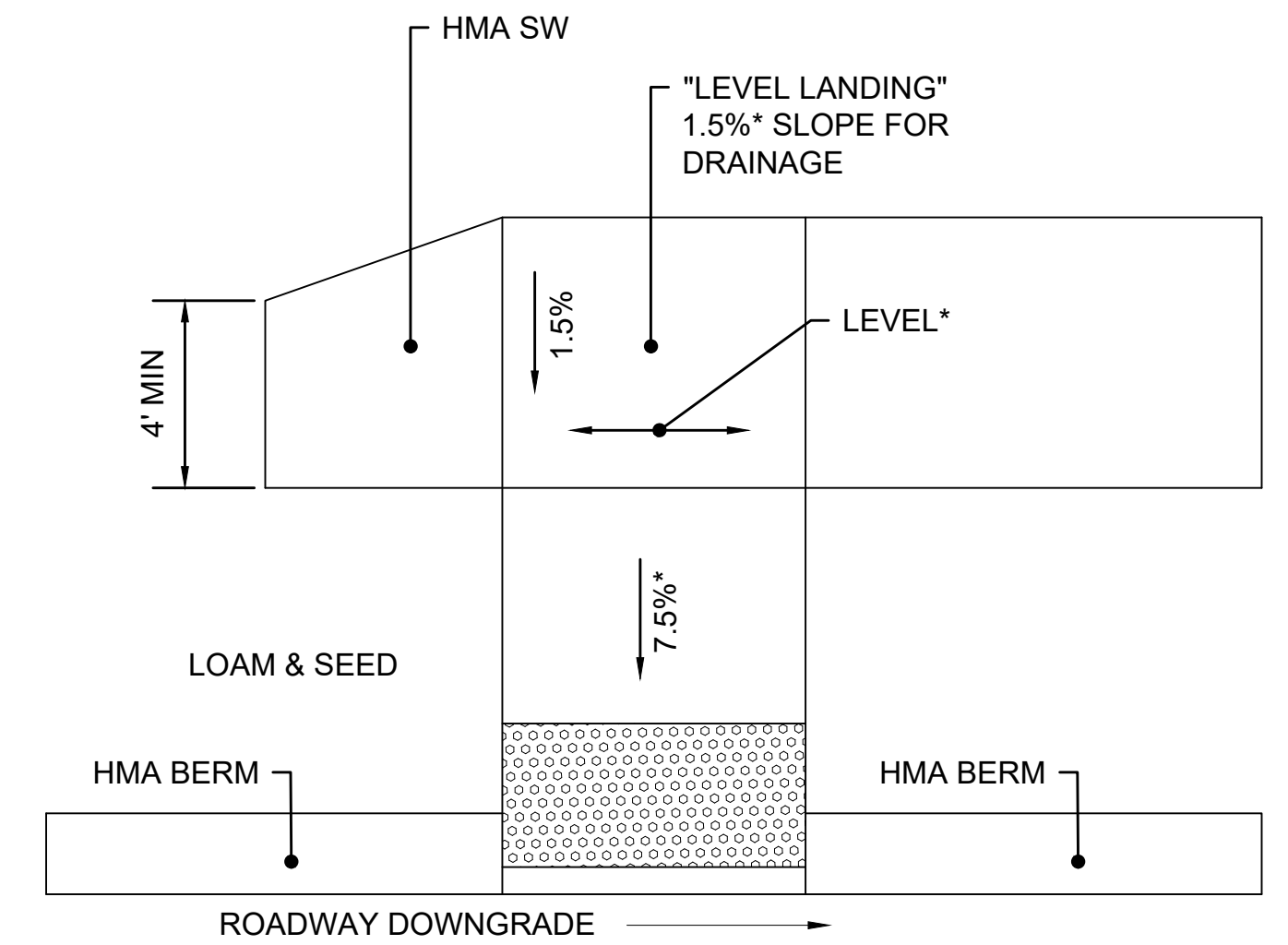
NOTES:
DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE). TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.
FOR DETAILS OF TRUNCATED DOMES SEE DRAWING 701.2.1
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
* = TOLERANCE FOR CONSTRUCTION ±0.5%

** = 4.0' LANDSCAPE AREA WIDTH ON SISSON ROAD

NOTES:
DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE). TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.
FOR DETAILS OF TRUNCATED DOMES SEE DRAWING 701.2.1
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.



* = TOLERANCE FOR CONSTRUCTION ±0.5%

PEDESTRIAN CURB RAMP - TYPE 3

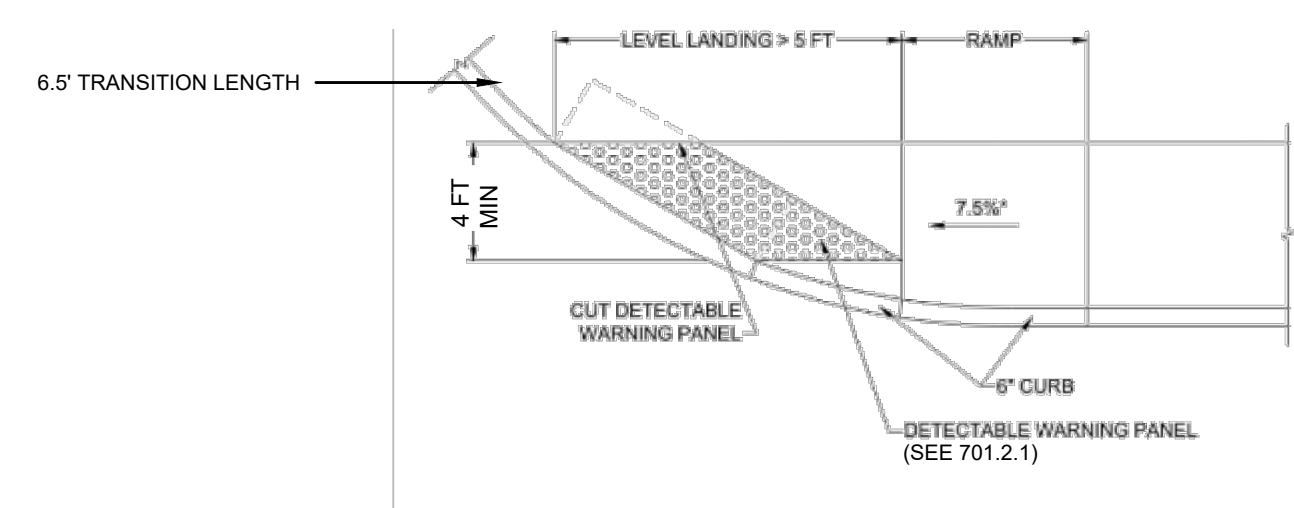
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 4.0' (MIN)	ROADWAY GUTTER SLOPE*	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	1-3	103+93	16' RT	5.0'	-0.39%	7.67'	-	6"	-
SOUTH	1-4	104+16	16' RT	5.0'	0.39%	-	4.33'	-	4"
SOUTH	2-2	105+29	15' RT	5.0'	-1.18%	9.0'	-	6"	-
SISSON	9-2	63+81	17' LT	5.0'	-3.89%	14'	-	6"	-

PEDESTRIAN CURB RAMP - TYPE 3 (MODIFIED)

ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	6-5	219+27	18' RT	5.0'	-0.75%	-	2.56'	-	2"
MAIN	6-6	219+48	18' RT	5.0'	-0.75%	-	2.56'	-	2"
MAIN	10-1	222+19	17' RT	5.0'	-2.95%	-	4.67'	-	2"
SOUTH	3-2	111+42	25' LT	5.0'	+3.27%	-	2.17'	-	2"

PEDESTRIAN CURB RAMP - TYPE 5

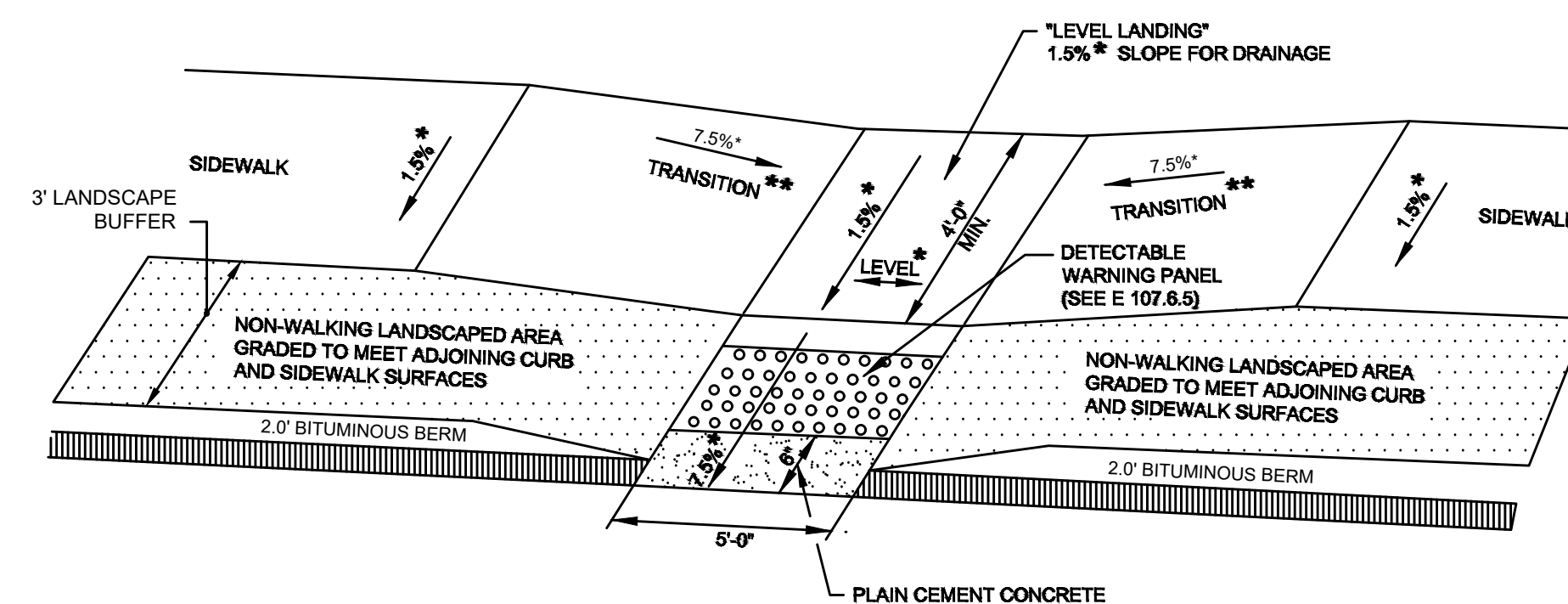
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SISSON	9-8	67+36	45' LT	5.0'	0.18%	6.5'	6.5'	6"	6"



NOTE:
1. THE DETECTABLE WARNING PANEL IS 2 FEET DEEP MINIMUM AT ALL LOCATIONS IN THE PEDESTRIAN PATH OF TRAVEL.
DETECTABLE WARNING PANEL ON WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL WHERE THE LEVEL LANDING IS MORE THAN 5 FEET DEEP AT ANY POINT

CURB RAMP - TYPE 4

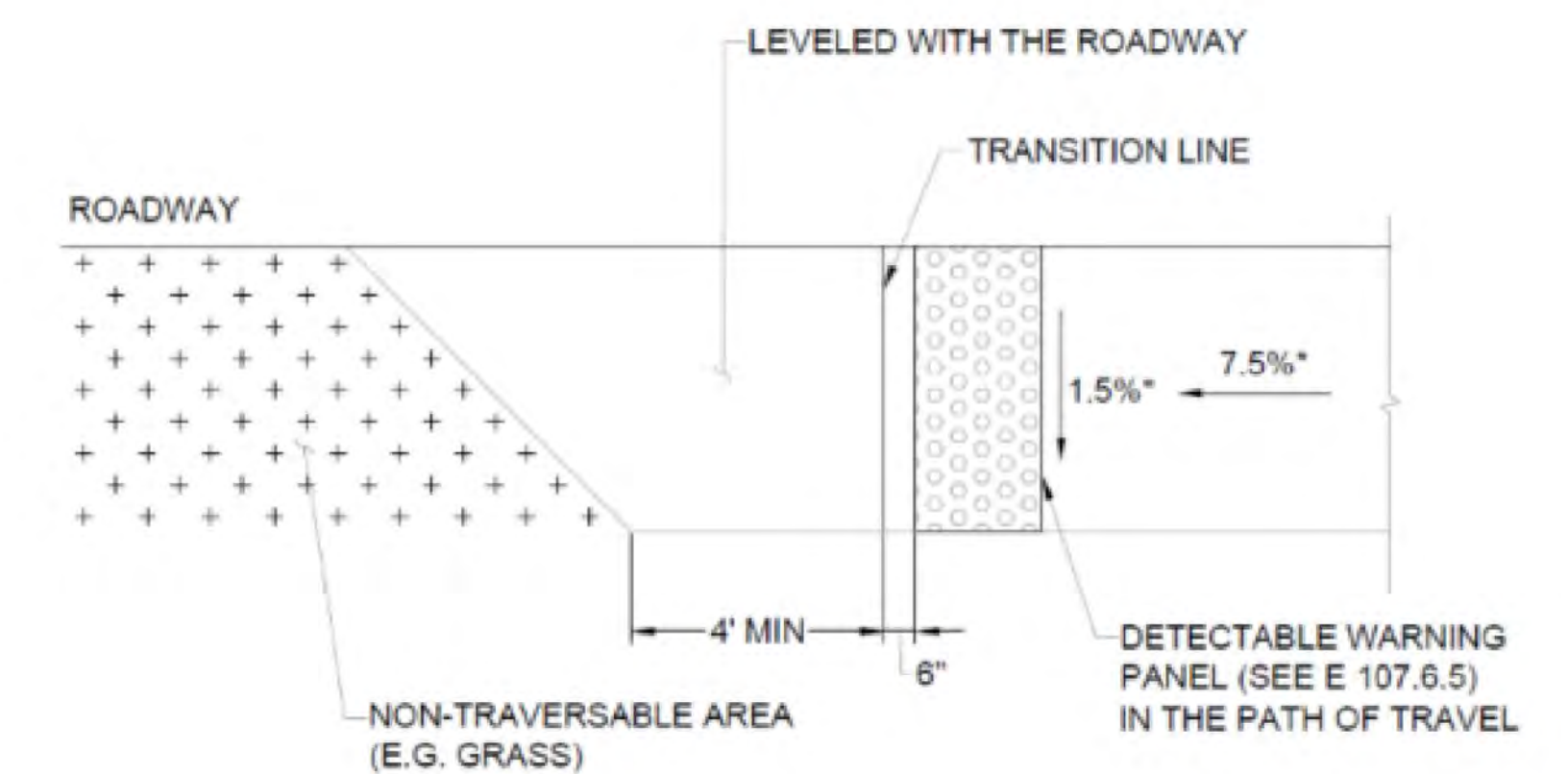
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 4.0' (MIN)	ROADWAY GUTTER SLOPE*	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	1-1	100+93	14' RT	5.0'	-1.61%	-	6.5'	-	6"
SOUTH	1-2	101+52	14' RT	5.0'	+1.61%	9.0'	-	6"	-
SOUTH	2-1	104+92	13' RT	5.0'	-1.18%	-	3.25'	-	3"
SOUTH	2-3	107+20	15' RT	5.0'	-0.71%	7.67'	-	6"	-
SOUTH	2-4	107+76	16' RT	5.0'	+0.71%	-	6.5'	-	6"
MAIN	6-3	217+17	12' LT	4.0'	+0.21%	-	3.25'	-	3"
MAIN	6-4	217+60	13' LT	4.0'	-0.50%	7.67'	-	6"	-
MAIN	7-1	52+02	13' LT	4.0'	+0.23%	-	6.5'	-	6"
SISSON	9-1	63+50	17' LT	4.0'	+2.56%	-	6.5'	-	6"
SISSON	9-9	67+64	12' LT	5.0'	LEVEL	-	2.17'	-	2"



LEGEND
* = TOLERANCE FOR CONSTRUCTION ±0.5%
** = SEE 701.2.8 FOR TRANSITION LENGTH

PEDESTRIAN CURB RAMP - TYPE 6

ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	4-3	208+90	10' RT	5.0'	+0.33%	2.56'	2.17'	2"	2"
MAIN	6-1	217+00	10' RT	5.0'	-0.68%	2.56'	2.17'	2"	2"



* = TOLERANCE FOR CONSTRUCTION ±0.5%

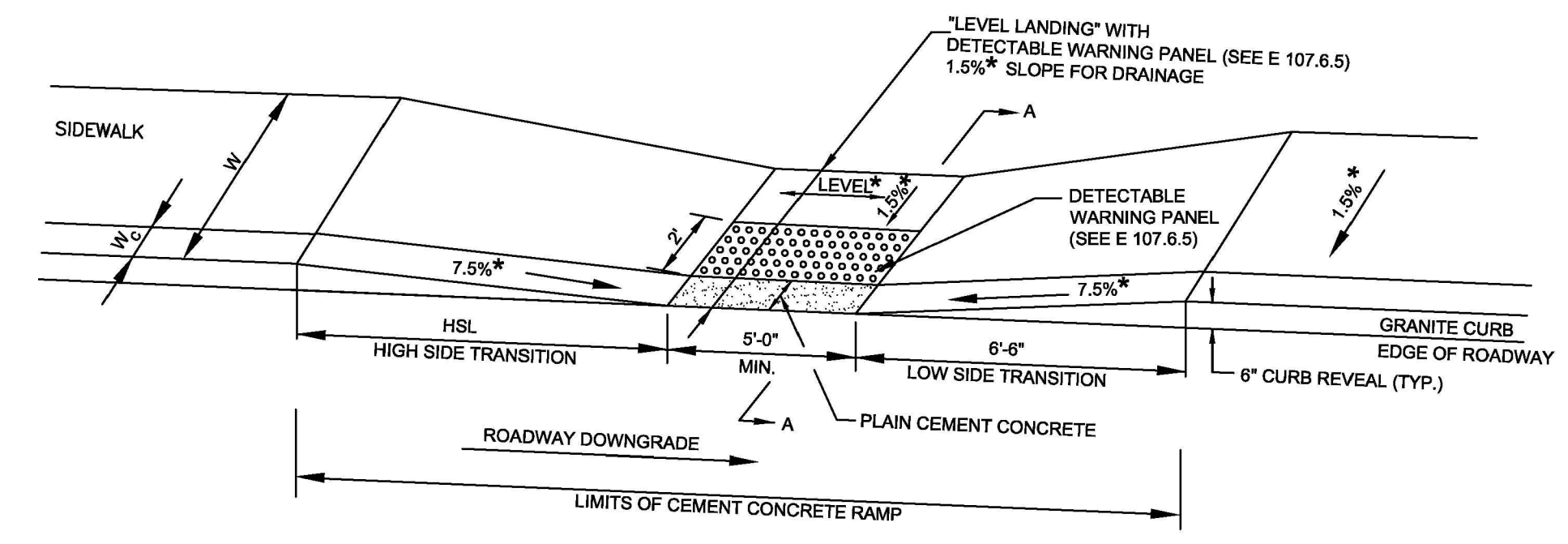
PEDESTRIAN CURB RAMP - TYPE 9

ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 4.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		REVEAL (IN)
		STATION	OFFSET			HIGH SIDE	LOW SIDE	
SOUTH	1-7	104+49	21' LT	5.0'	LEVEL	3.25'	-	3"
MAIN	3-3	200+17	21' RT	5.0'	+3.62%	4.67'	-	2"
MAIN	4-1	208+68	17' LT	4.0'	+0.99%	-	5.25'	4"

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(002)X	53	71
PROJECT FILE NO.		610670	

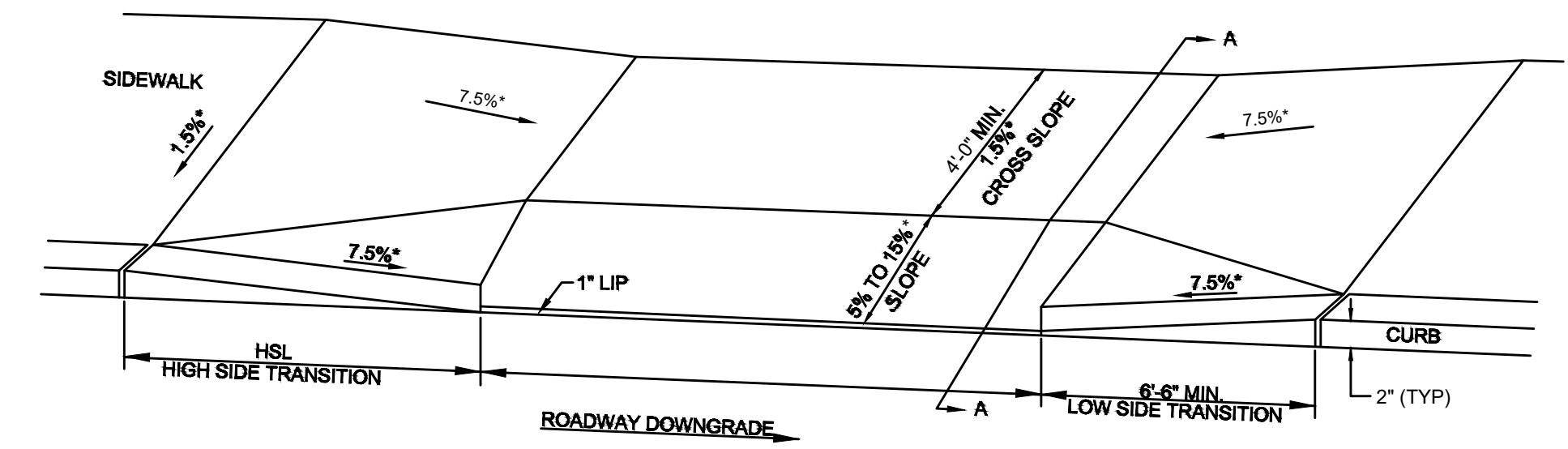
CONSTRUCTION DETAILS - 3



LEGEND
 HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
 W = SIDEWALK WIDTH
 W_c = CURB WIDTH
 CC = CEMENT CONCRETE
 * = TOLERANCE FOR CONSTRUCTION ±0.5%

NOTE:
 ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS

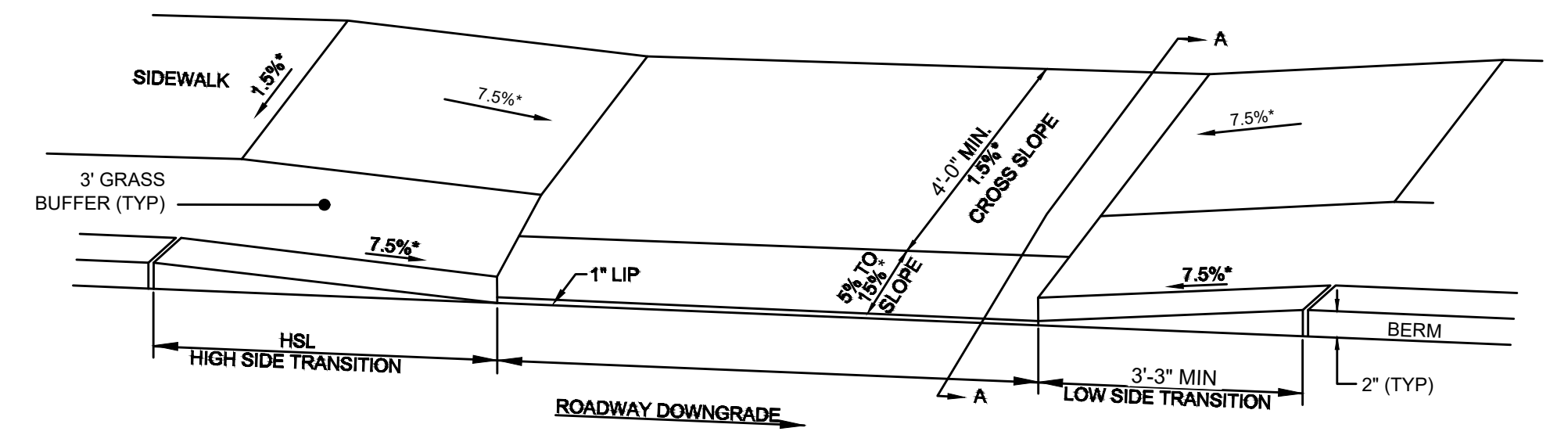
SECTION A-A



LEGEND
 HSL = HIGH SIDE TRANSITION LENGTH. (SEE 701.2.8)
 W = SIDEWALK WIDTH
 * = TOLERANCE FOR CONSTRUCTION ±0.5%
 CC = CEMENT CONCRETE
 HMA = HOT MIX ASPHALT

NOTE:
 THE CURB REVEAL SHALL BE A MINIMUM OF 3" WHERE NEEDED TO PROPERLY TRANSITION FROM DRIVEWAY TO PEDESTRIAN CURB RAMP (CR).

SECTION A-A



LEGEND
 HSL = HIGH SIDE TRANSITION LENGTH. SEE E 107.9.0
 W = SIDEWALK WIDTH
 * = TOLERANCE FOR CONSTRUCTION ±0.5%
 CC = CEMENT CONCRETE
 HMA = HOT MIX ASPHALT

SECTION A-A

PEDESTRIAN CURB RAMP - TYPE 8

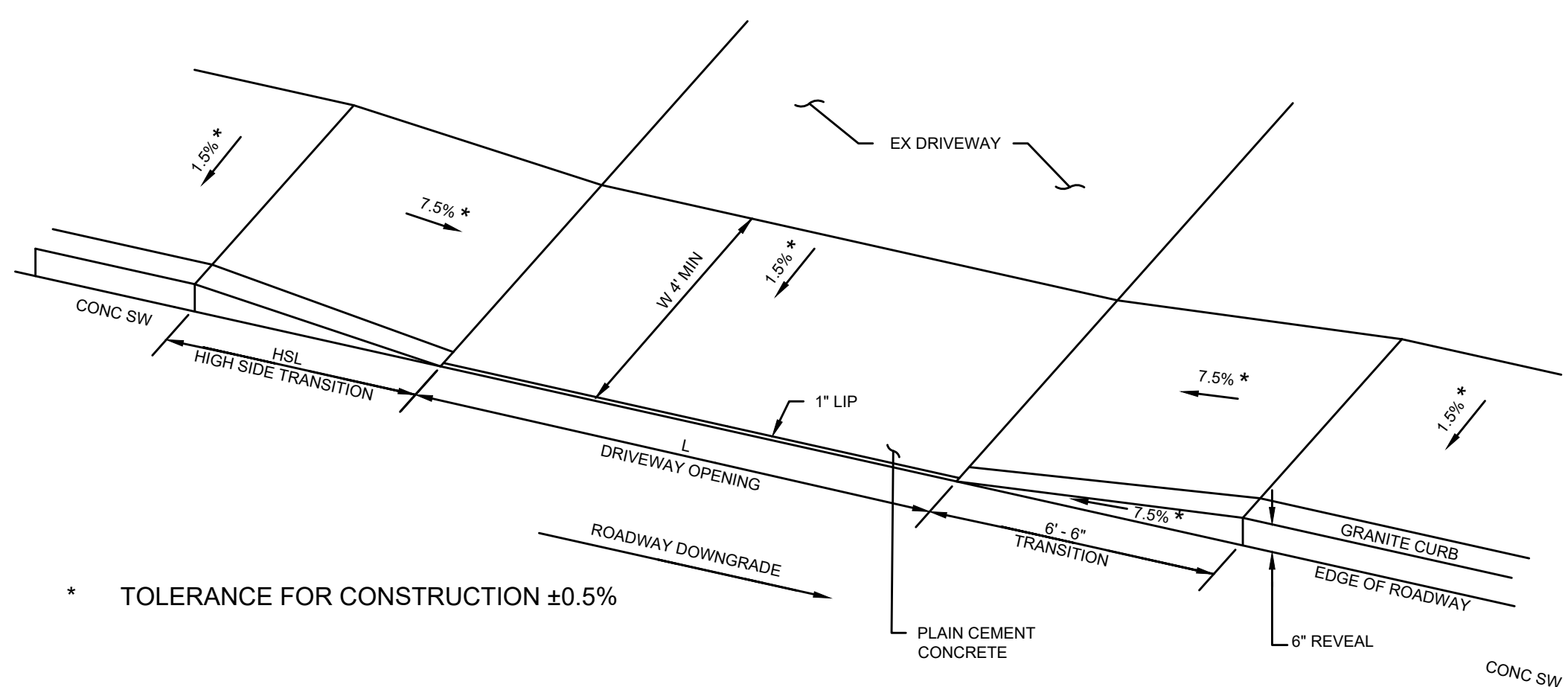
ROADWAY	PCR #	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SISSON	9-3	65+85	12.5' LT	+0.89%	7.67'	6.5'	6"	6"
SISSON	9-5	65+85	12.5' RT	-0.35%	7.67'	3.25'	6"	3"
SISSON	10-2	70+93	20' RT	-1.66%	9.0'	6.5'	6"	6"
SOUTH	1-5	104+32.5	9' RT	+0.22%	5.11'	3.25'	4"	3"

DRIVEWAY - TYPE 1

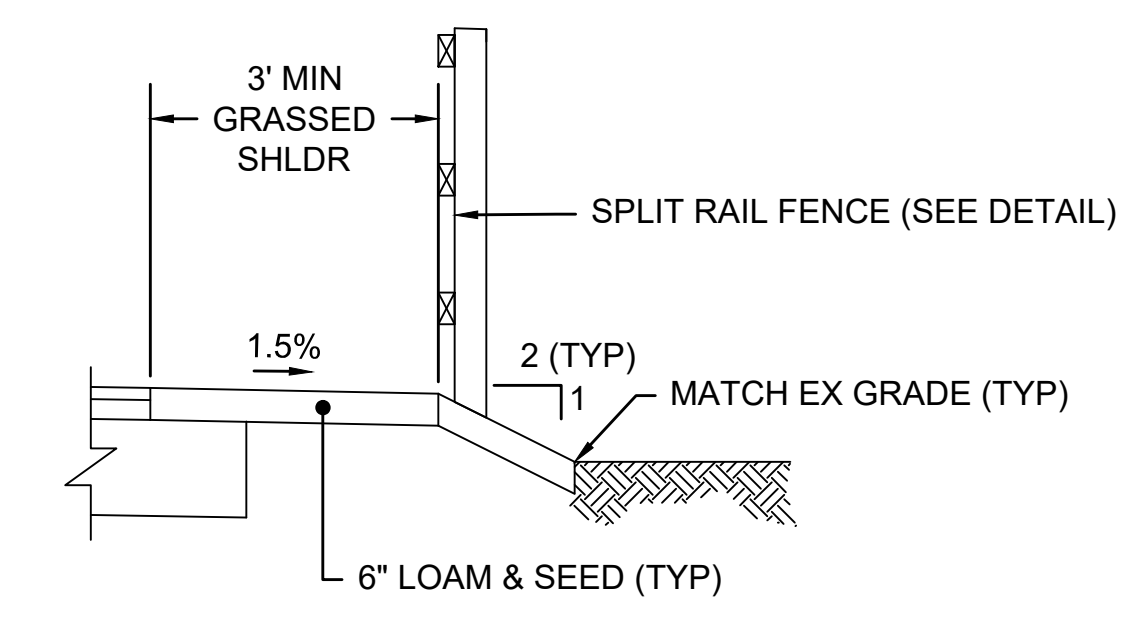
ROADWAY	DRIVEWAY NUMBER	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	2-1	106+54	9' RT	-1.89%	9.00'	6.50'	6"	6"
SOUTH	2-2	108+91	10.5' RT	0.00%	6.50'	6.50'	6"	6"
SOUTH	2-3	110+10	10.5' RT	-3.00%	14.00'	6.50'	6"	6"
SISSON	7-1	52+83	11' LT	-0.13%	4.50'	6.50'	3"	6"
SISSON	7-2	54+71	11' LT	-0.18%	7.67'	6.50'	6"	6"
SISSON	7-3	55+14	11' LT	+0.15%	7.67'	6.50'	6"	6"
SISSON	7-4	56+38	11' LT	-0.63%	7.67'	6.50'	6"	6"
SISSON	8-1	57+77	11' LT	+3.83%	14.00'	6.50'	6"	6"
SISSON	8-2	60+79	11' LT	+2.80%	11.00'	6.50'	6"	6"
SISSON	10-1	68+89	11' RT	+0.86%	7.67'	5.41'	6"	5"
SISSON	10-2	69+24	11' RT	+0.70%	6.50'	6.50'	5"	6"

DRIVEWAY - TYPE 2 (BERM AND GRASS BUFFER)

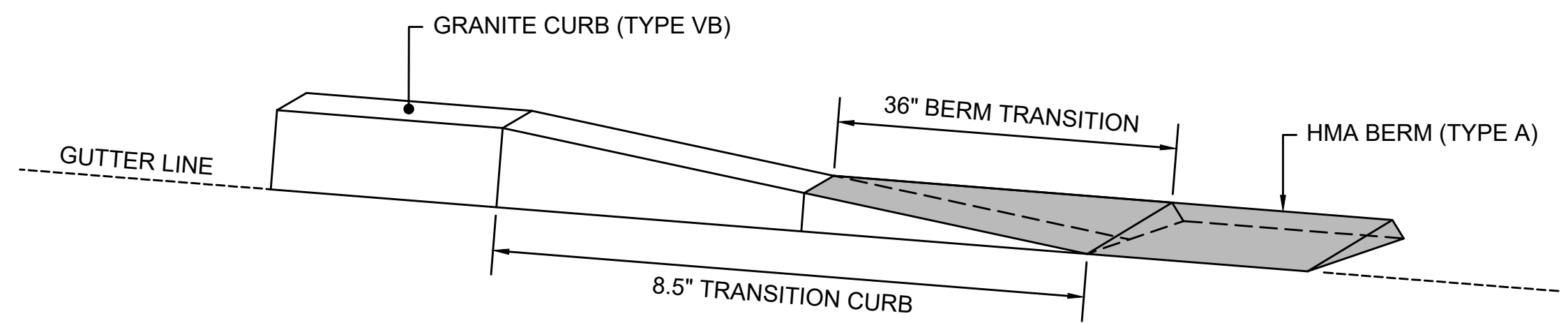
ROADWAY	DRIVEWAY NUMBER	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	3-1	203+52	10' RT	+2.94%	5.50'	3.25'	2"	2"
MAIN	4-1	205+36	10' RT	-0.95%	3.75'	3.25'	2"	2"
MAIN	4-2	208+30	10' RT	+1.43%	4.50'	3.25'	2"	2"
MAIN	4-3	209+57	10' RT	-0.80%	3.75'	3.25'	2"	2"
MAIN	5-1	211+38	10' RT	-0.84%	3.75'	3.25'	2"	2"
MAIN	5-2	212+64	10' RT	-1.20%	4.50'	3.25'	2"	2"
MAIN	5-3	213+73	10' RT	0.00%	3.25'	3.25'	2"	2"
MAIN	6-1	215+68	10' RT	0.00%	3.25'	3.25'	2"	2"
MAIN	6-2	216+04	10' RT	+0.13%	3.75'	3.25'	2"	2"
MAIN	6-3	217+85	10' RT	-0.70%	3.75'	3.25'	2"	2"
MAIN	10-3	221+15	13' RT	+1.1%	4.50'	3.25'	2"	2"



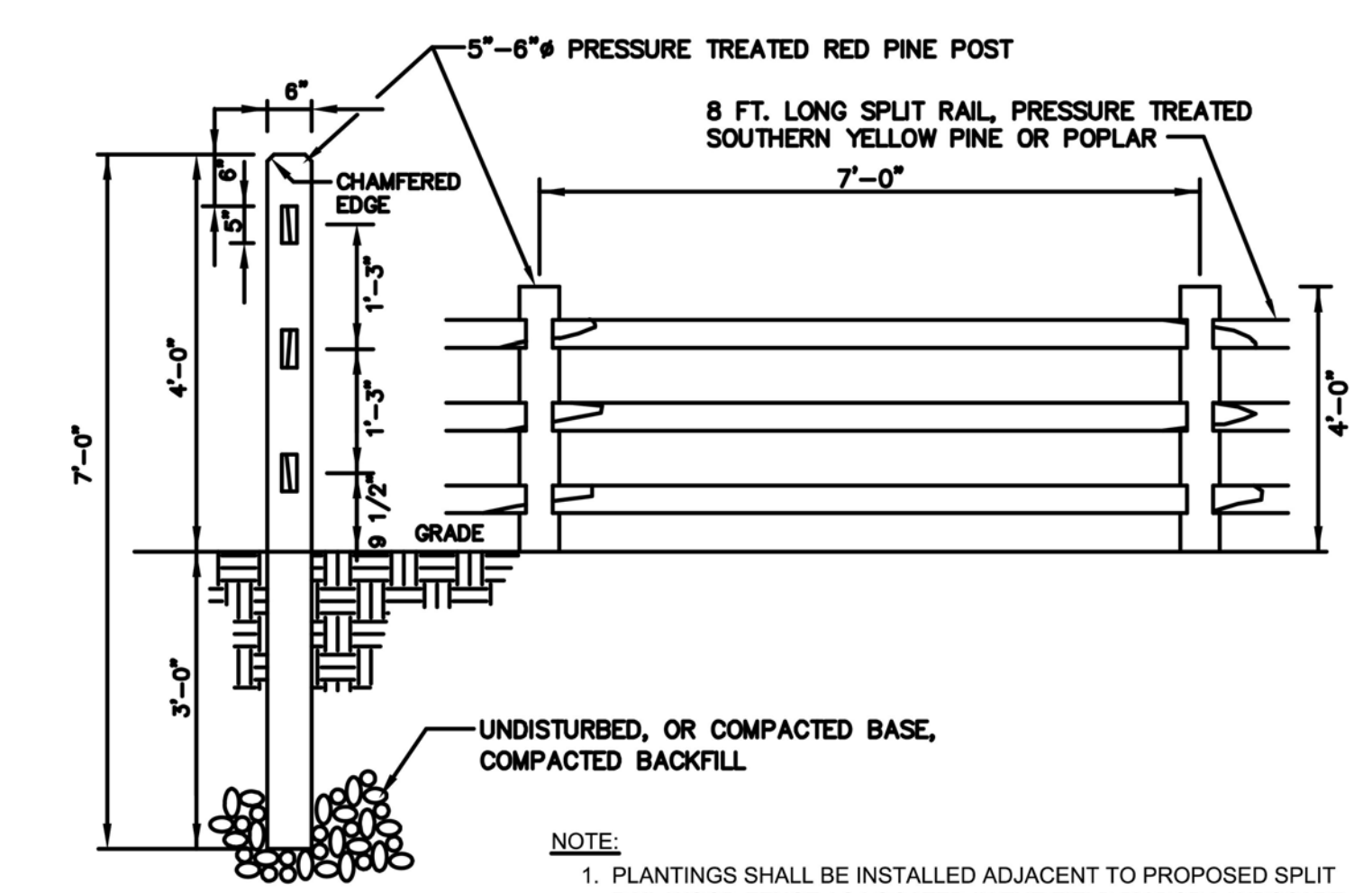
* TOLERANCE FOR CONSTRUCTION ±0.5%



TYPICAL SECTION WITH SPLIT RAIL FENCE
NOT TO SCALE



GRANITE CURB TRANSITION TO HMA BERM
NOT TO SCALE



NOTE:
 1. PLANTINGS SHALL BE INSTALLED ADJACENT TO PROPOSED SPLIT RAIL WOOD FENCE AS LOCATED IN THE FIELD BY DCR LANDSCAPE ARCHITECT AND AS DIRECTED BY THE ENGINEER.

SPLIT RAIL FENCE DETAILS
NOT TO SCALE

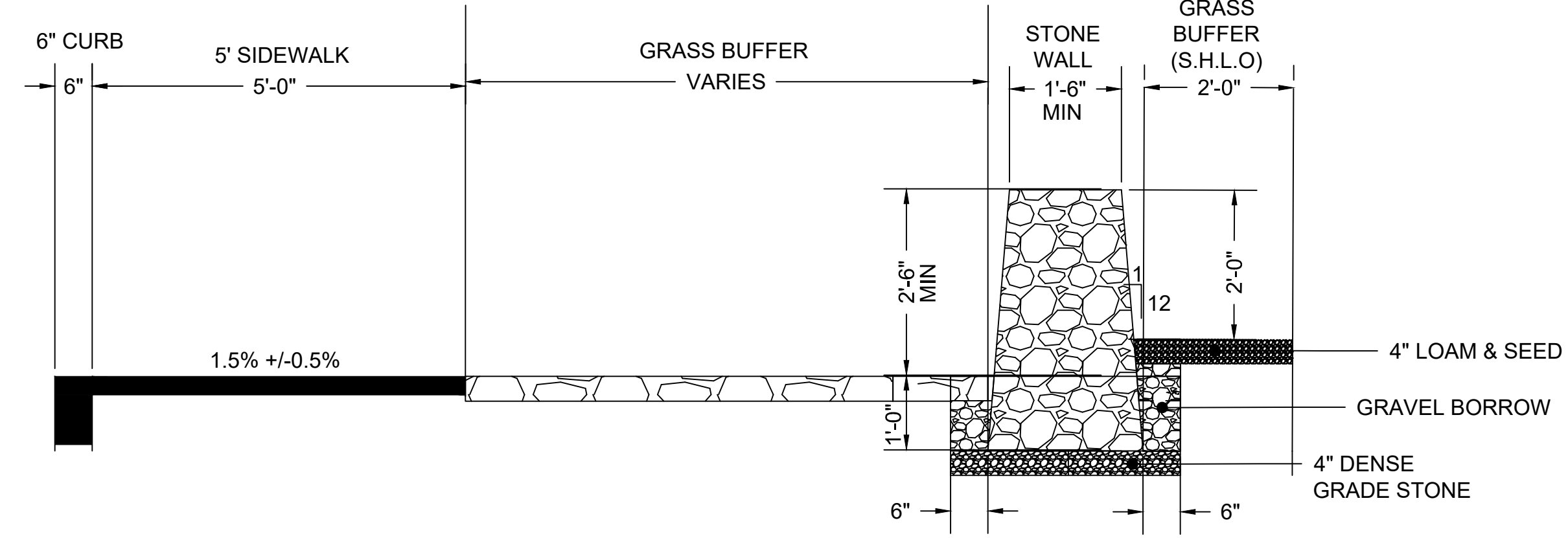
DRIVEWAY - TYPE 3

ROADWAY	DRIVEWAY NUMBER	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	3-2	204+50	10' RT	+0.75%	7.67'	6.5'	-	6"

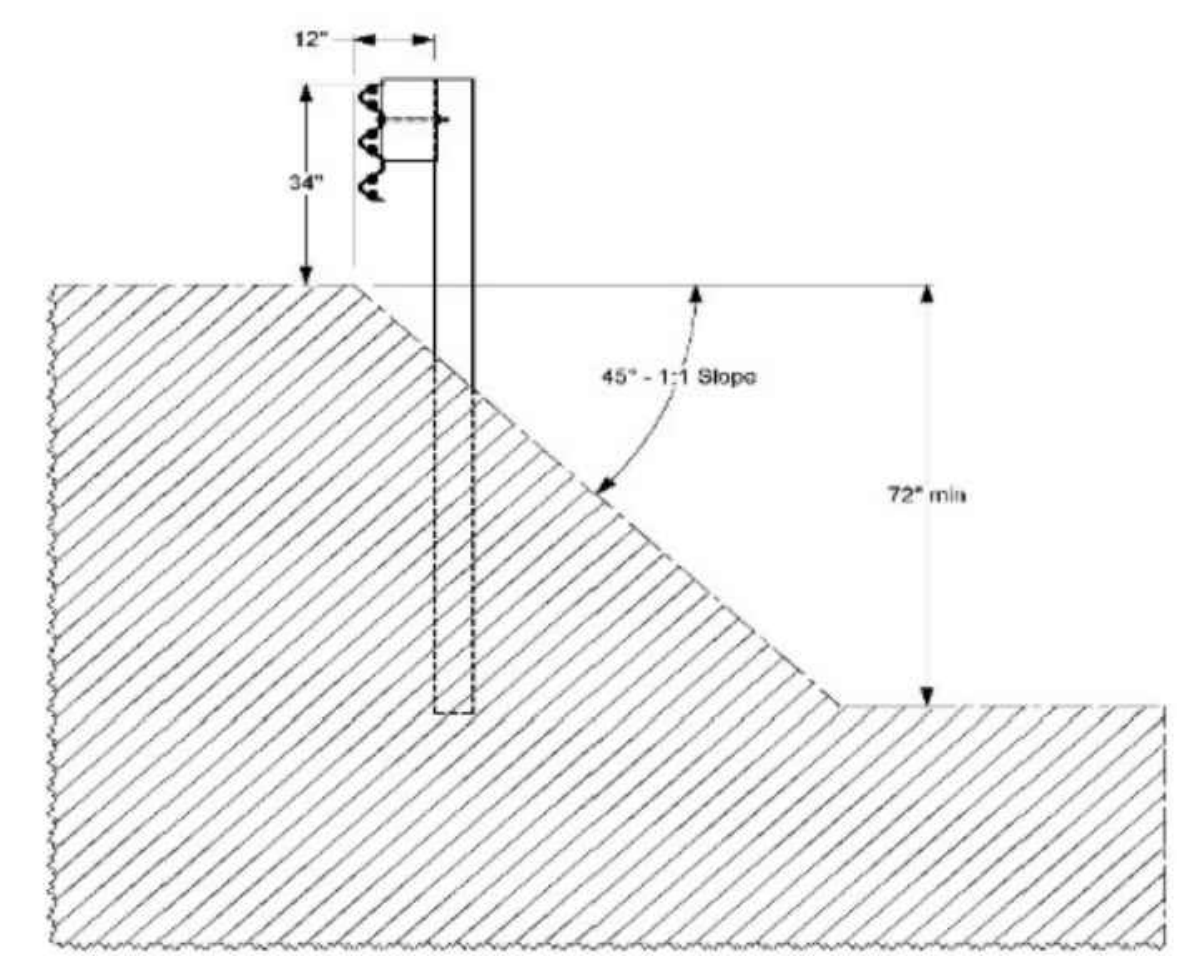
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	54	71
PROJECT FILE NO. 610670			

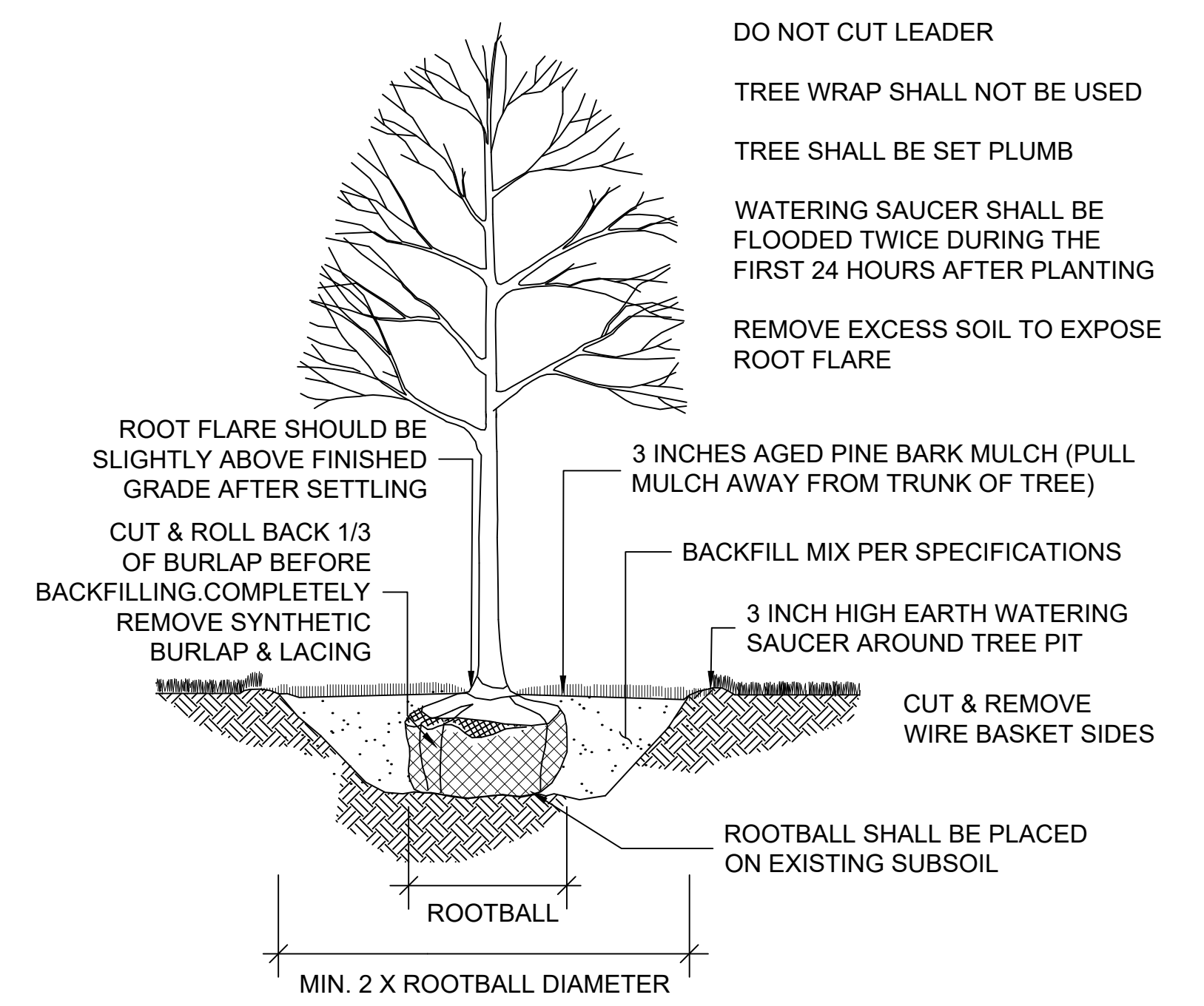
CONSTRUCTION DETAILS - 4



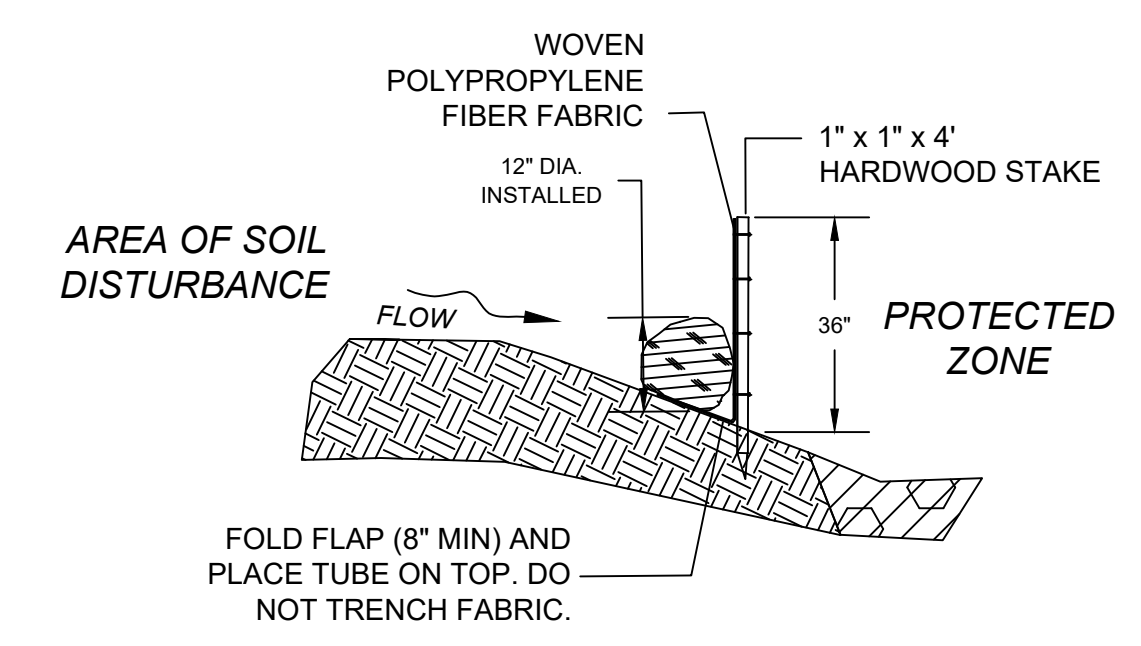
BALANCED STONE WALL
NOT TO SCALE



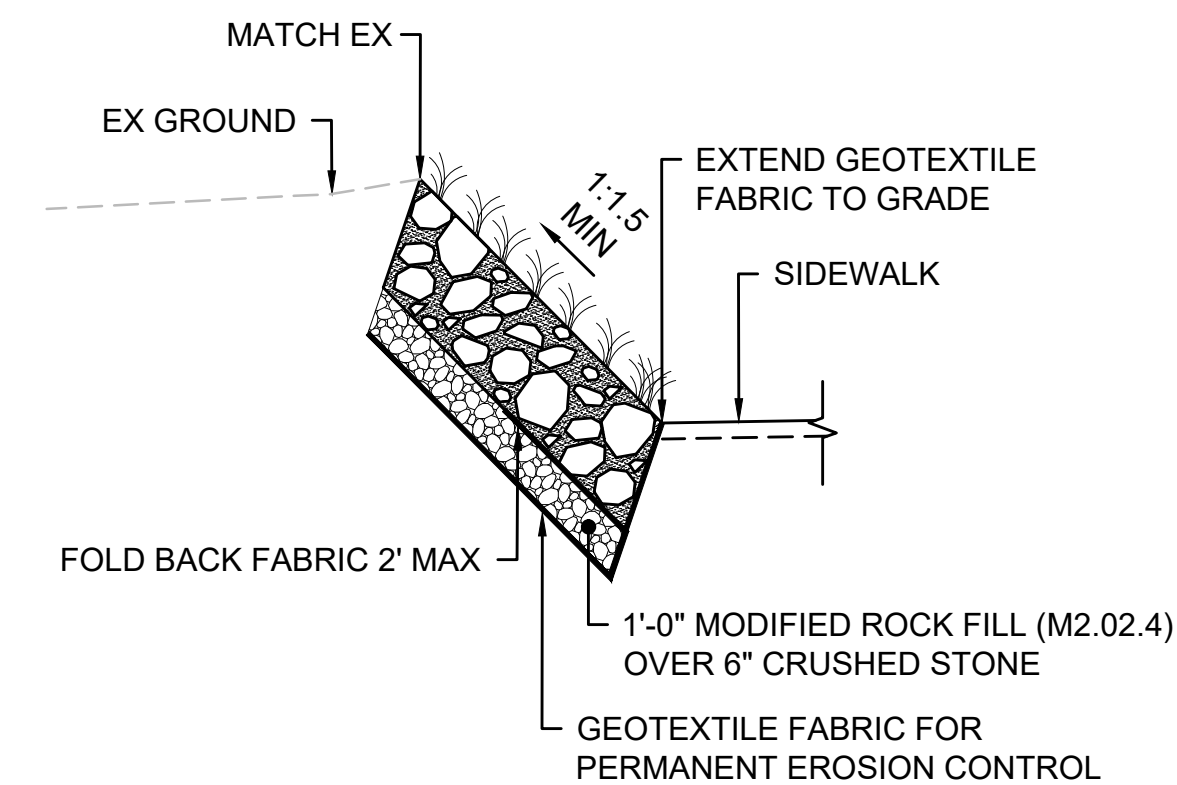
THREE-BEAM GUARDRAIL INSTALLATION
TL-3 (DEEP POST)
NOT TO SCALE



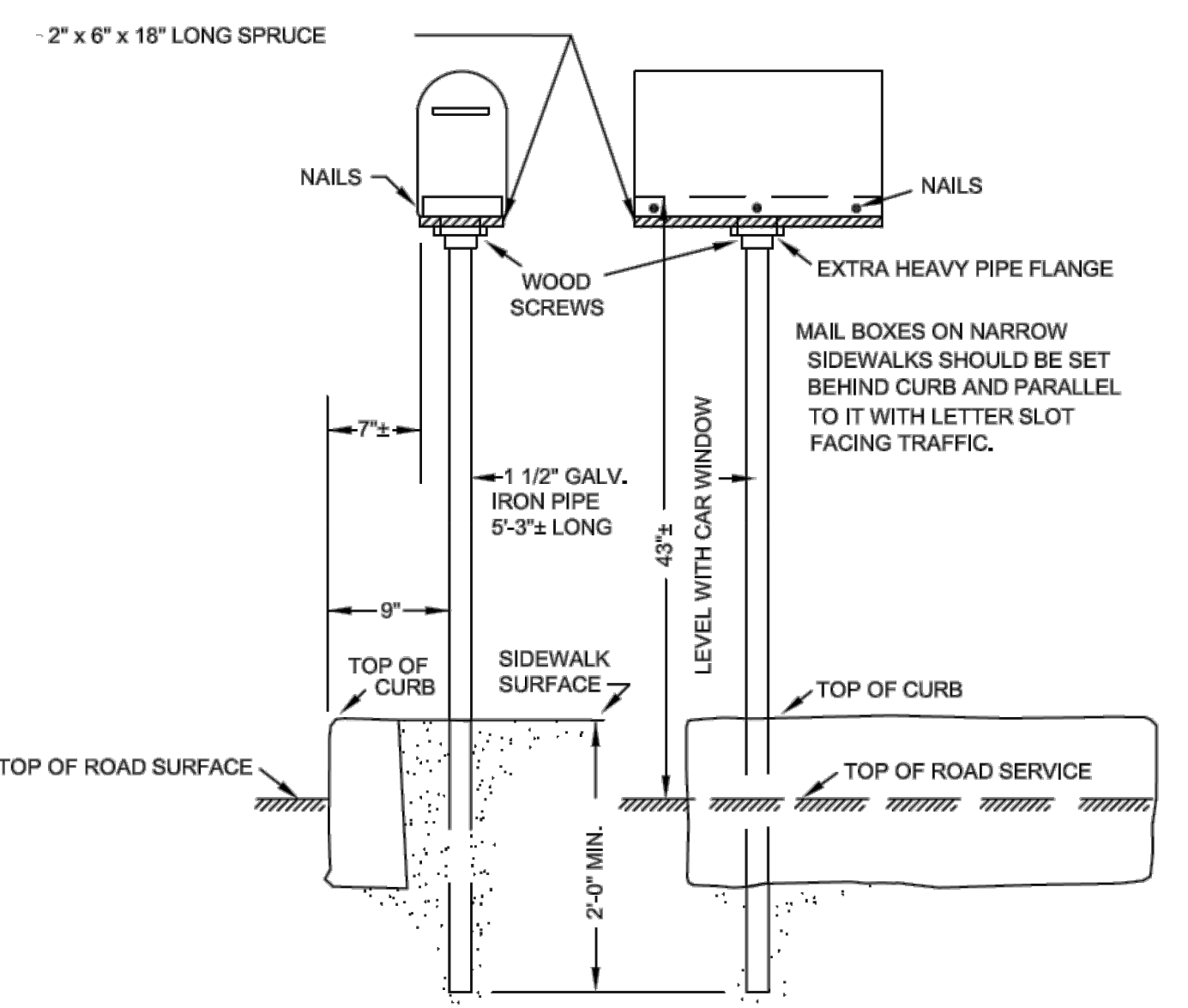
DECIDUOUS TREE PLANTING
NOT TO SCALE



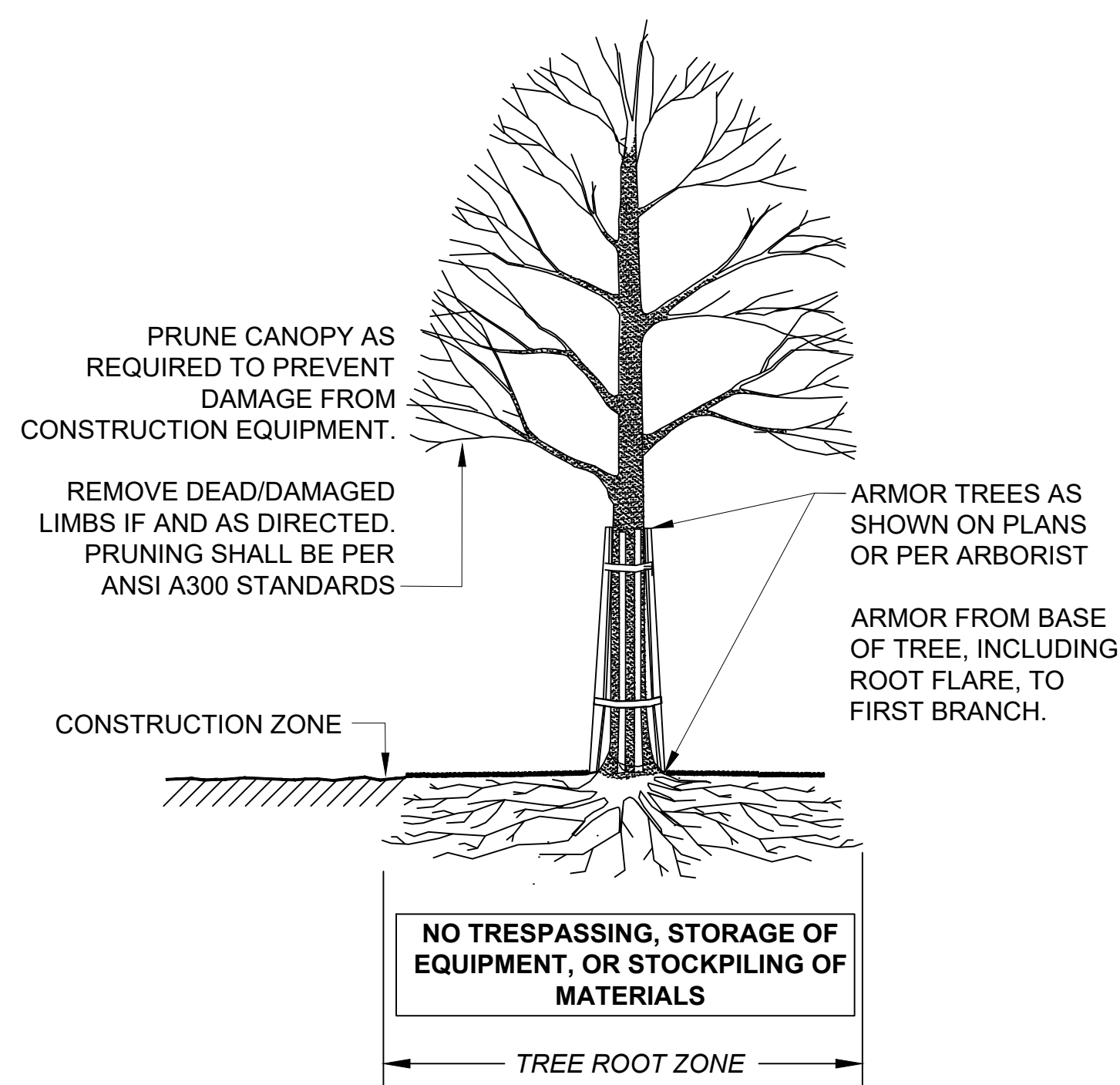
COMPOST FILTER TUBE & SILT FENCE
NOT TO SCALE



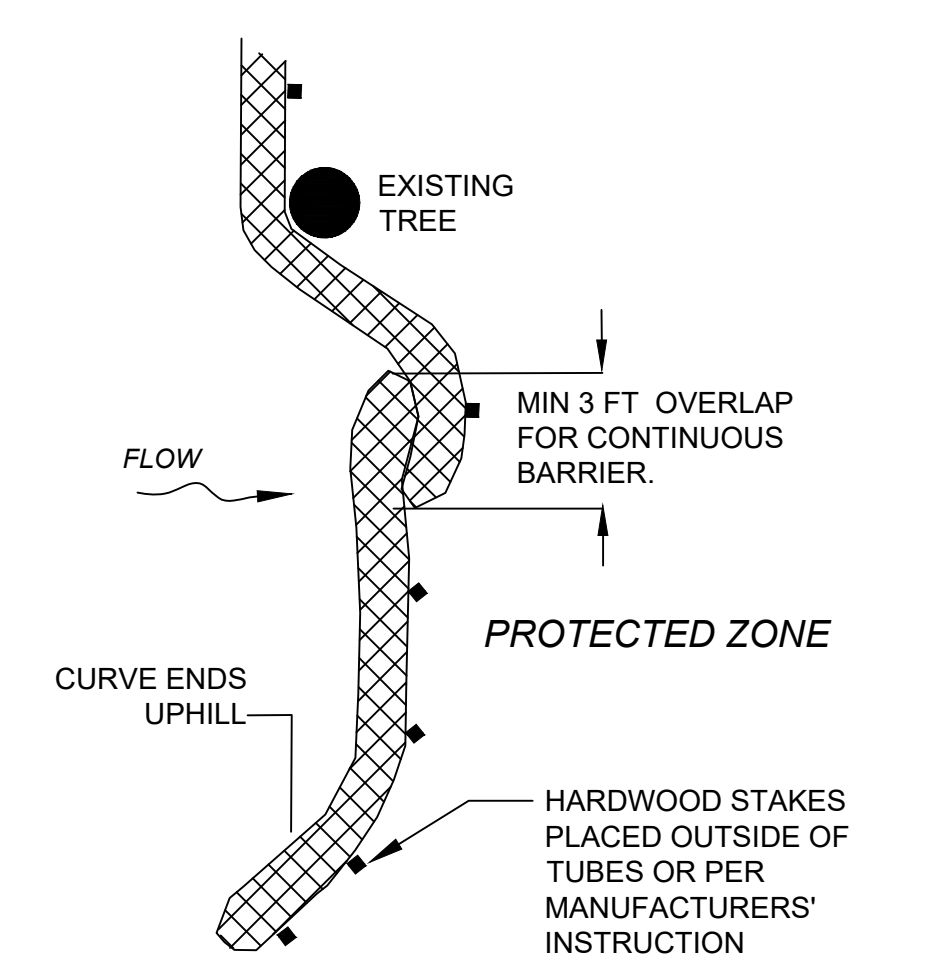
MODIFIED ROCK FILL SLOPE
NOT TO SCALE



SETTING RURAL MAILBOX (PARALLEL TO ROADWAY)
NOT TO SCALE

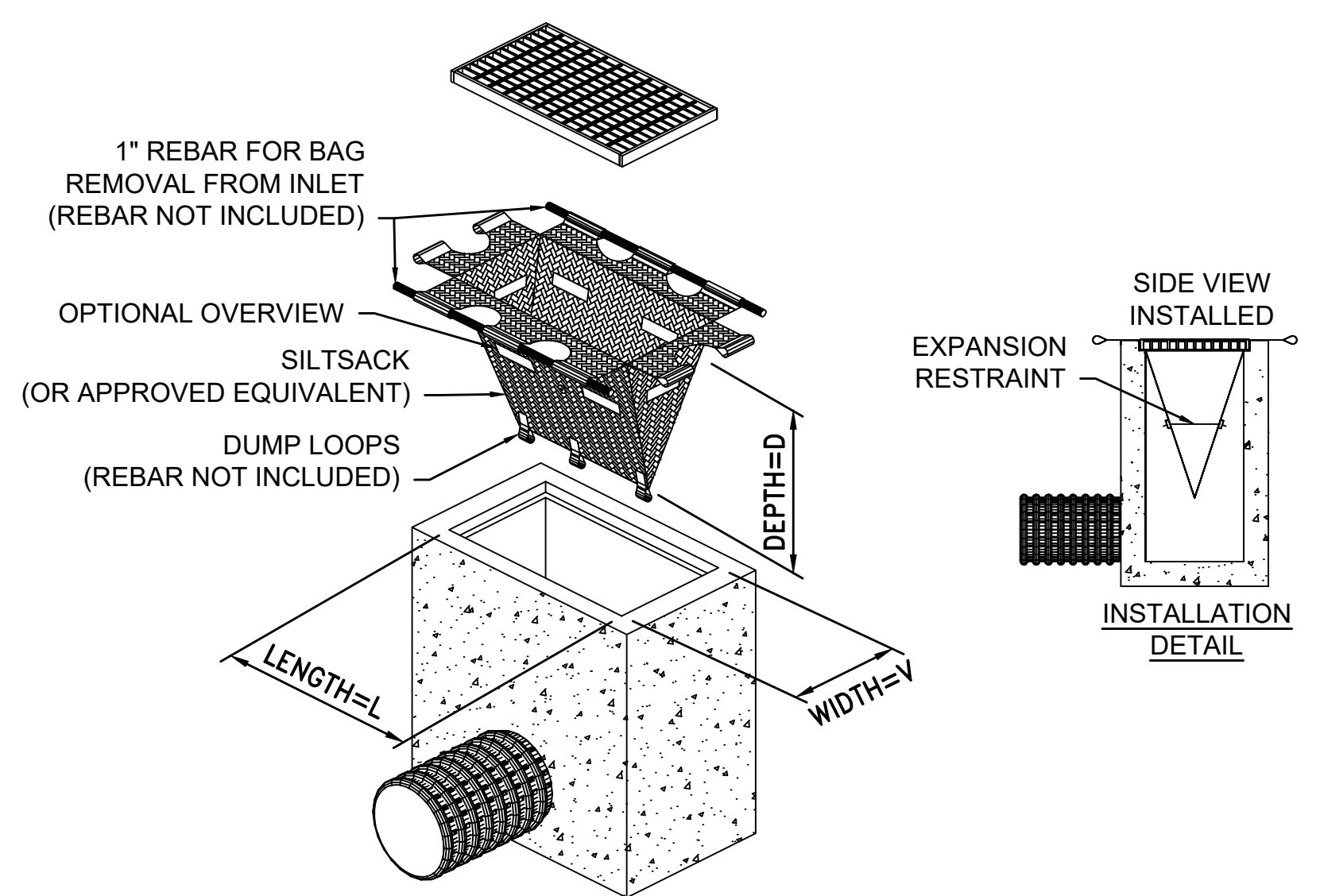


SECTION - TRUNK ARMORING & PRUNING
TREE PROTECTION - TRUNK
NOT TO SCALE



PLACE TUBE ALONG CONTOURS AND PERPENDICULAR TO FLOW.
PLACE AS CLOSE TO LIMIT OF SOIL DISTURBANCE AS POSSIBLE
ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS.
DO NOT INSTALL IN WATERWAYS.
PLACE STAKES AS NEEDED TO SECURE TUBES IN PLACE.

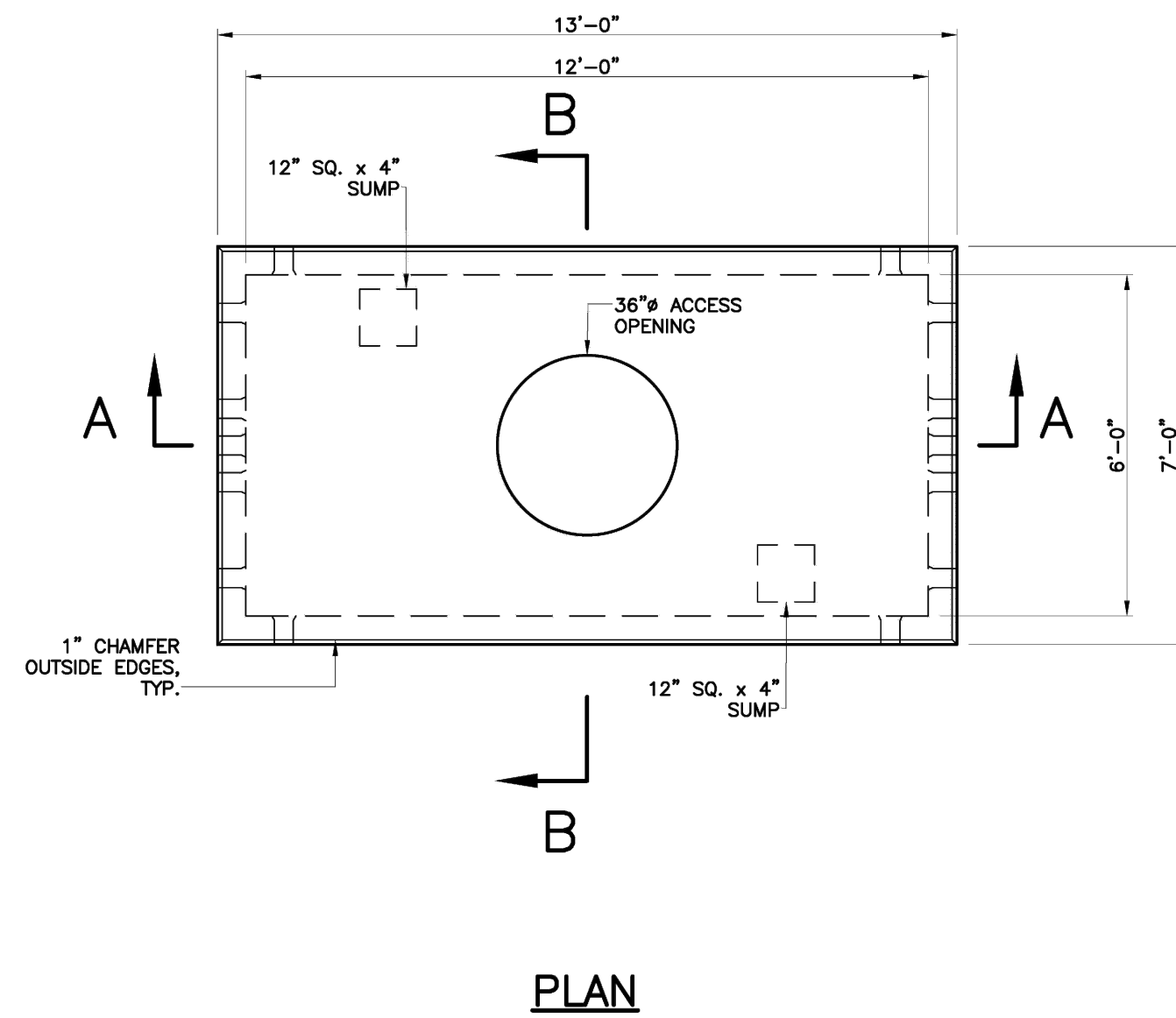
COMPOST FILTER TUBE
NOT TO SCALE



TEMPORARY INLET PROTECTION
NOT TO SCALE

SHEA CONCRETE PRODUCTS
New England's Premier Precaster
800-696-7432 (SHEA)
www.sheaconcrete.com
MAILING ADDRESS: 87 HAVERHILL RD AMESBURY, MA 01913

MANHOLE 6' X 12' X 7'



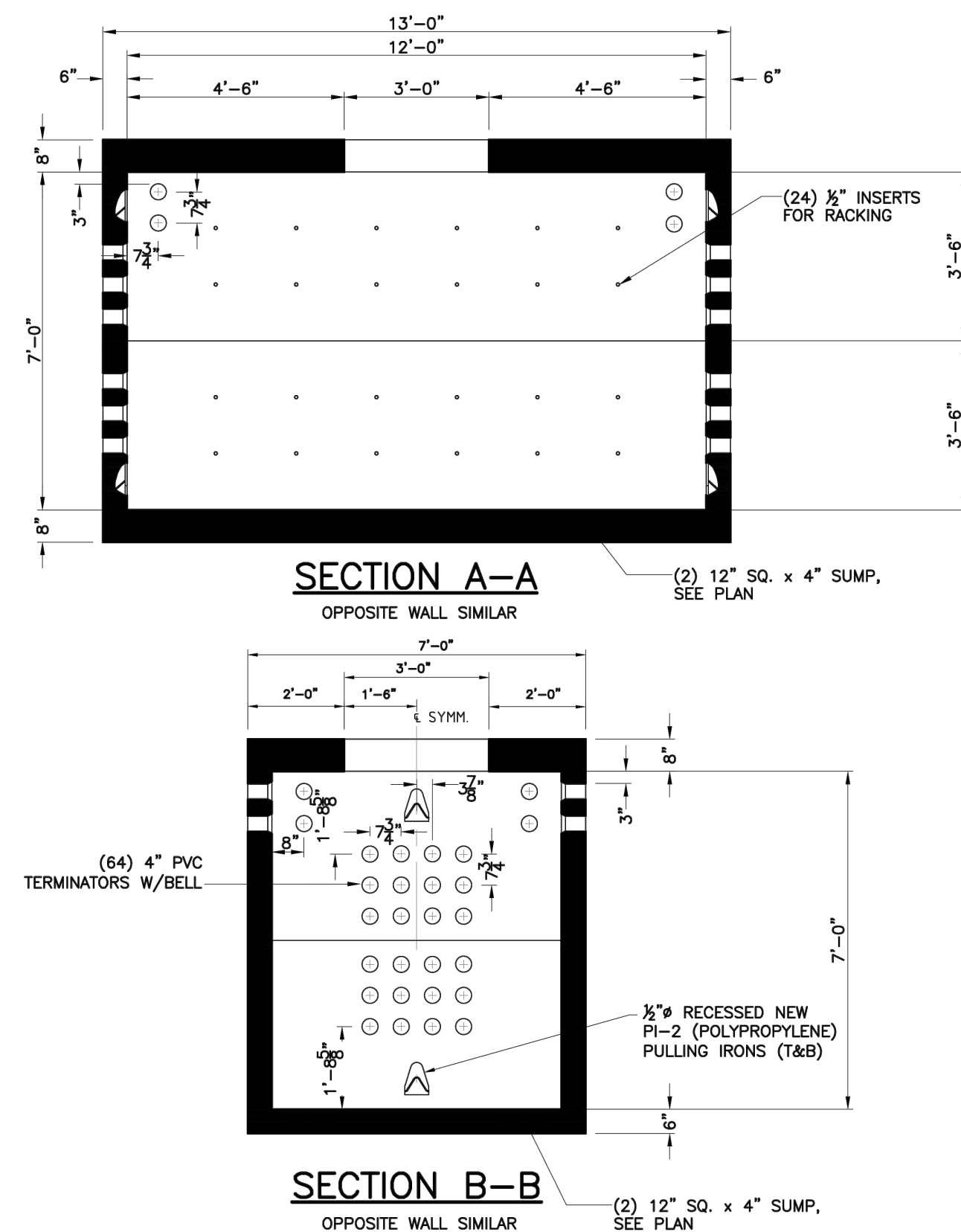
- NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
 2. DESIGN LOADING: AASHTO HS20-44, 0 TO 5 FEET COVER.
 3. STEEL REINFORCEMENT CONFORMS TO ASTM A615, GRADE 60.
 4. MINIMUM STEEL COVER 1".

SHEA PRODUCT ID:	MH-6127	FILE NAME:	MH 6X12X7
WEIGHT (LBS.):	36880	DRAWN BY:	L.P.
		DATE:	2/6/2018
		PAGE:	I.C.11-1
773 Salem Street-Wilmington, MA 153 Cranberry Hwy-Rochester, MA 87 Haverhill Road-Amesbury, MA 160 Old Turnpike Rd-Nottingham, NH			

Specifications subject to change without notice

SHEA CONCRETE PRODUCTS
New England's Premier Precaster
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MANHOLE 6' X 12' X 7'



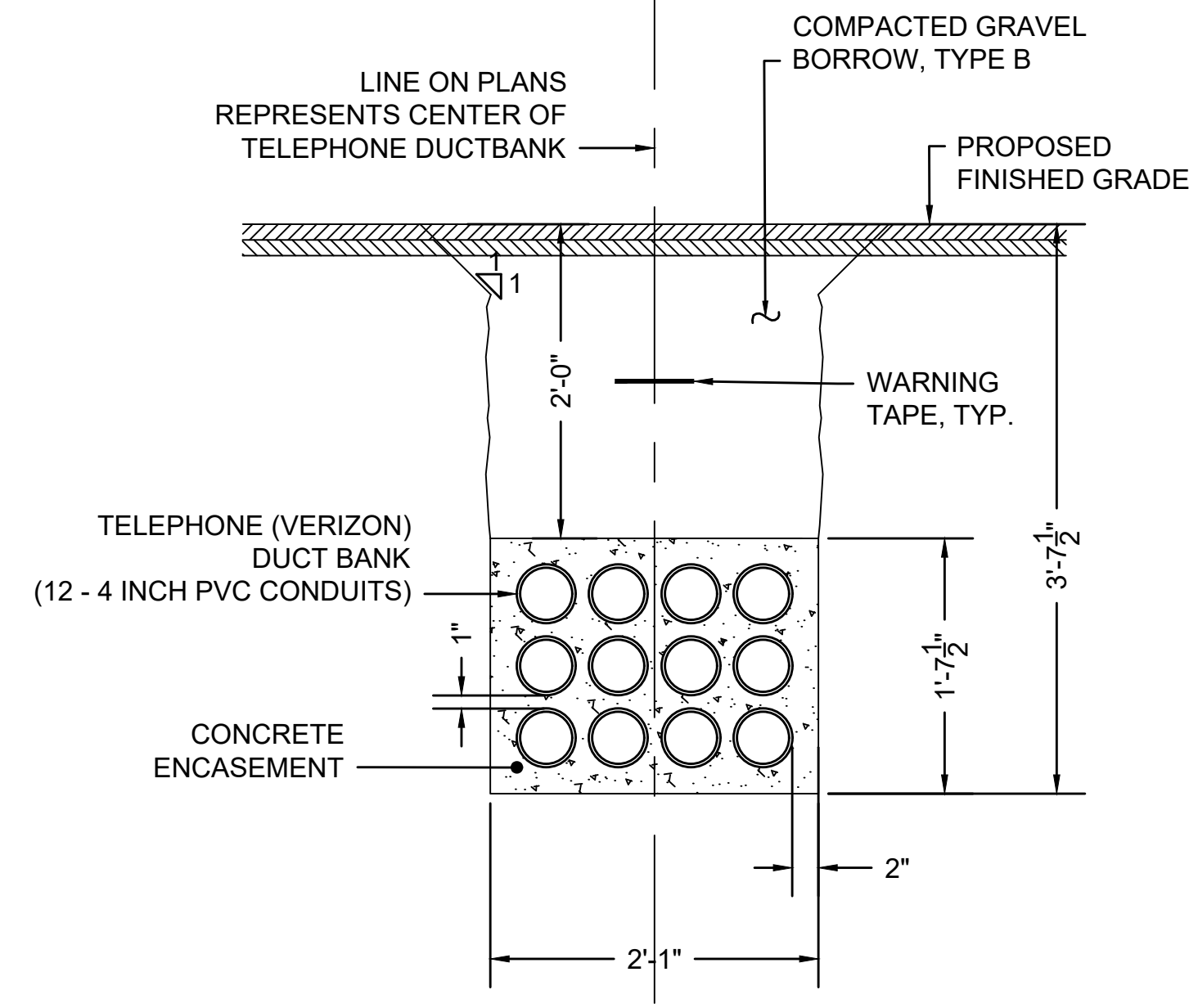
SHEA PRODUCT ID:	MH-6127	FILE NAME:	MH 6X12X7
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		DATE:	2/6/2018
		PAGE:	I.C.11-2
773 Salem Street-Wilmington, MA 153 Cranberry Hwy-Rochester, MA 87 Haverhill Road-Amesbury, MA 160 Old Turnpike Rd-Nottingham, NH			

Specifications subject to change without notice

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(002)X	55	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 5



TELEPHONE TRENCH 12 DUCT

SCALE: 1" = 1'

UTILITY TRENCH NOTES:

1. ALL CONSTRUCTION OF DUCT BANKS INCLUDING TRENCH, EXCAVATION, AND BACKFILL SHALL CONFORM TO UTILITY DETAILS AND SPECIFICATIONS.
2. FOR ALL DUCTS USE SCHEDULE 40 CONDUITS ENCASED IN 2,500 PSI, 3/8 INCH, 520 CEMENT CONCRETE. USE PLASTIC SPACERS TO MAINTAIN CONDUIT SPACING. SPACERS SHALL MEET UTILITY SPECIFICATIONS FOR DESIGN AND SPACING.
3. ALL TRENCH EXCAVATION ACTIVITIES SHALL COMPLY WITH ALL APPROPRIATE OSHA STANDARDS.
4. TELEPHONE DUCT BANKS WILL HAVE 6 INCH, COLOR ORANGE, DETECTABLE METALLIC WARNING TAPE PLACED 12 INCHES ABOVE EACH CONCRETE ENCASUREMENT.
5. A UTILITY COMPANY REPRESENTATIVE FROM VERIZON SHALL BE PRESENT FOR ALL TELEPHONE CONDUIT INSTALLED.
6. A MINIMUM OF 12 INCHES OF SEPARATION IS REQUIRED FOR CROSSINGS WITH GAS, WATER, SEWER AND DRAINAGE.
7. CONDUITS SHALL BE BLOWN CLEAN USING COMPRESSED AIR. RUN MANDREL THRU EACH CONDUIT TO CONFIRM VIABLE PATHWAY.
8. WOVEN POLYESTER MULE TAPE WITH MINIMUM STRENGTH OF 2500 LB TENSILE STRENGTH TO BE INSTALLED WITHIN EACH CONDUIT.

R-1750 Series Telephone Design Large Manhole Frame, Solid Lid Heavy Duty

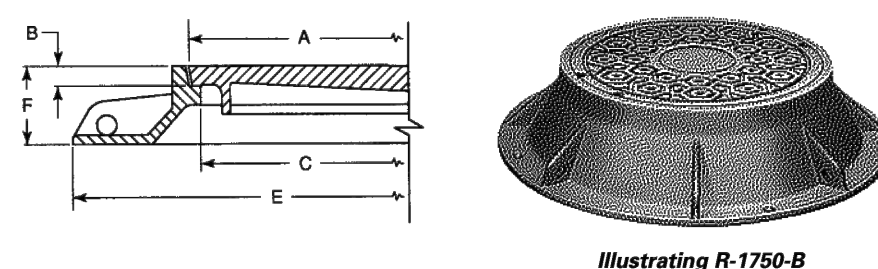
Furnished with machined horizontal and vertical bearing surfaces.

Covers can be bolted to frame with two pentagon head special monel security bolts upon request.

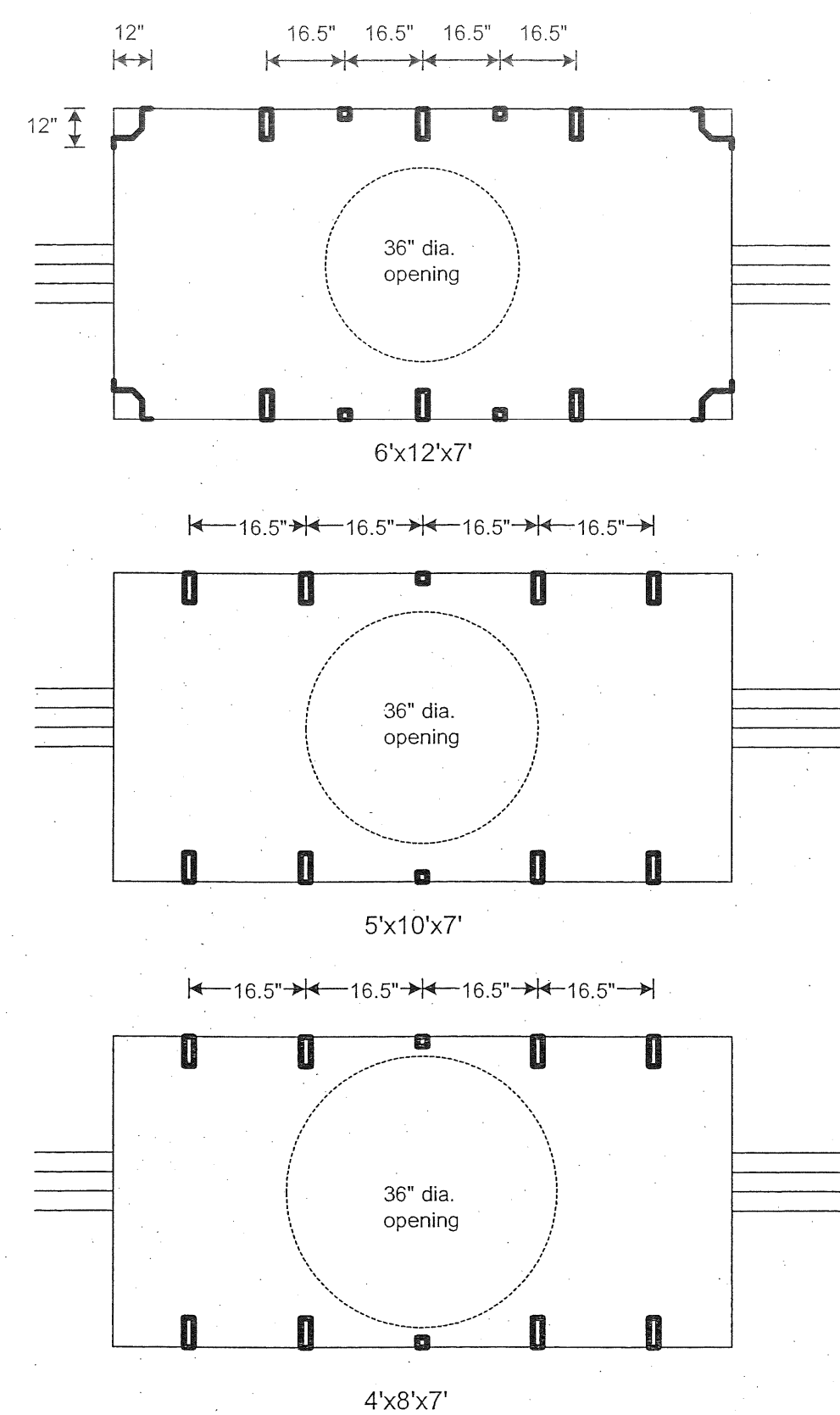
Wrenches available to fit special bolt at extra cost. Advise quantity required.

Catalog No. Standard	Catalog No. Security Bolted	Dimensions in inches						Anchor Bolt Circle*	Grate Alt.
		A	B	C	E	F			
R-1750-A	R-1750-AB	26	1 3/8	24	43	10		R-2280	
R-1750-B	R-1750-BB	28	1 3/8	27	46	10	43-1/2	R-2280	
R-1750-B1	R-1750-B1B	28	1 3/8	27	46	5 5/8	43-1/2	R-2280-A	
R-1750-B2	R-1750-B2B	28	1 3/8	27	46	5 5/8	43-1/2	R-2280-A	
R-1750-C	R-1750-CB	32	1 3/8	30	49	10	43-1/2		
R-1750-C1	R-1750-C1B	32	1 3/8	30	49	3 5/8	43-1/2	R-2280	
R-1750-C1S	R-1750-C1SB	32	1 3/8	30	46	5 5/8	43-1/2	R-2280	
R-1750-CS	R-1750-CSB	32	1 3/8	30	46	10	43-1/2	R-2285	

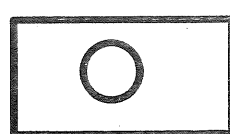
* Furnished standard with four 1" diameter holes in base flange, equally spaced.



Illustrating R-1750-B



PLAN LEGEND



MH 1

WxLxH'

Manhole dimensions as given on plans are inside dimensions.

Typical sizes are:

6'x12'x7'

5'x10'x7'

4'x8'x7'

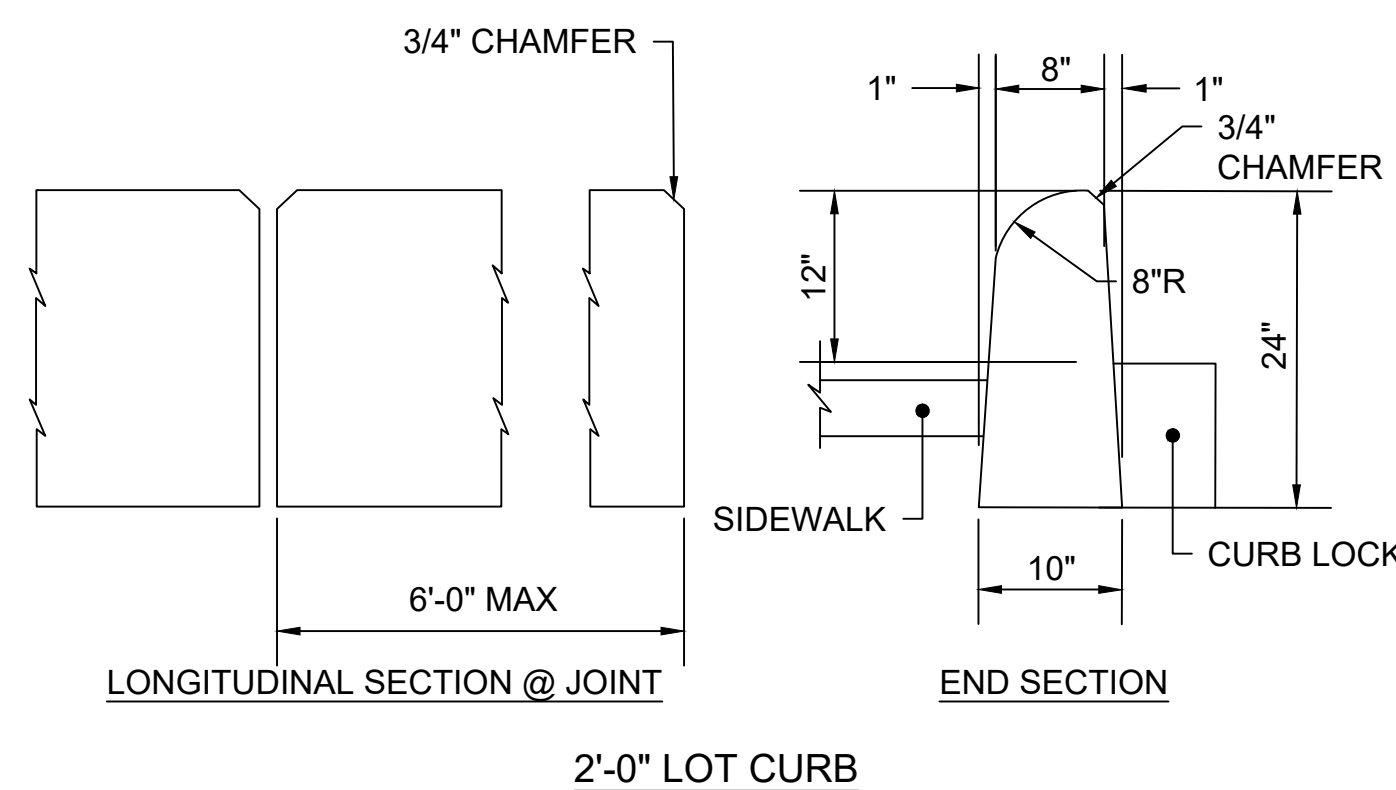
(Size is dictated by cable sizes and amount of splicing expected at the location)

- B cable rack support
 - cable racks secured to S cable rack support
 - cable racks attached directly to wall
- (See included practices for description of cable racking hardware.)

MANHOLE DETAILS

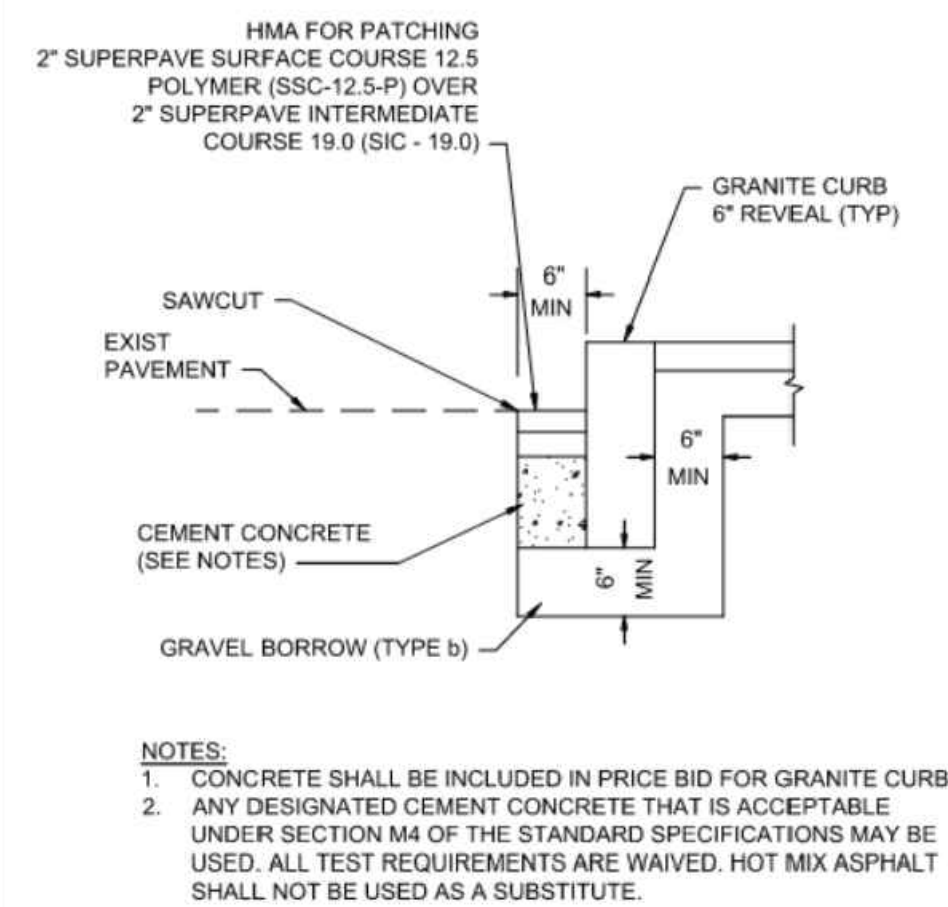
TELEPHONE MANHOLE FRAME

NOT TO SCALE



GRANITE LOT CURB DETAIL

NOT TO SCALE

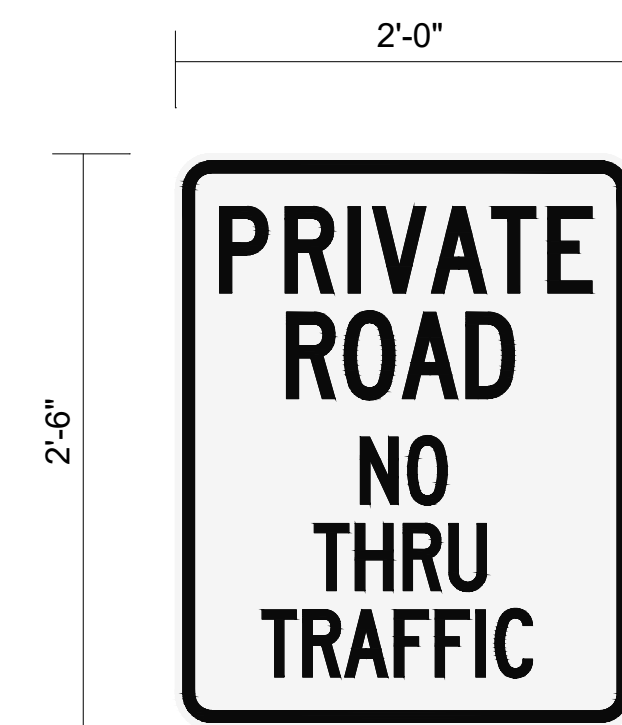


- NOTES:
1. CONCRETE SHALL BE INCLUDED IN PRICE BID FOR GRANITE CURB.
 2. ANY DESIGNATED CEMENT CONCRETE THAT IS ACCEPTABLE UNDER SECTION M4 OF THE STANDARD SPECIFICATIONS MAY BE USED. ALL TEST REQUIREMENTS ARE WAIVED. HOT MIX ASPHALT SHALL NOT BE USED AS A SUBSTITUTE.

GRANITE CURB IN EXISTING PAVEMENT

SCALE: N.T.S.

SIGN DETAIL



2.75"	SIGN NUMBER	SP-1
4.5"	WIDTH X HGT.	2'-0" X 2'-6"
1"	BORDER WIDTH	0.63"
4.5"	CORNER RADIUS	1.5"
2"	MOUNTING	GROUND
3.5"	BACKGROUND	TYPE: REFLECTIVE
1"		COLOR: WHITE
3.5"	LEGEND/BORDER	TYPE: REFLECTIVE
2.75"		COLOR: BLACK/BLACK

SYMBOL	ROT	X	Y	WID	HT

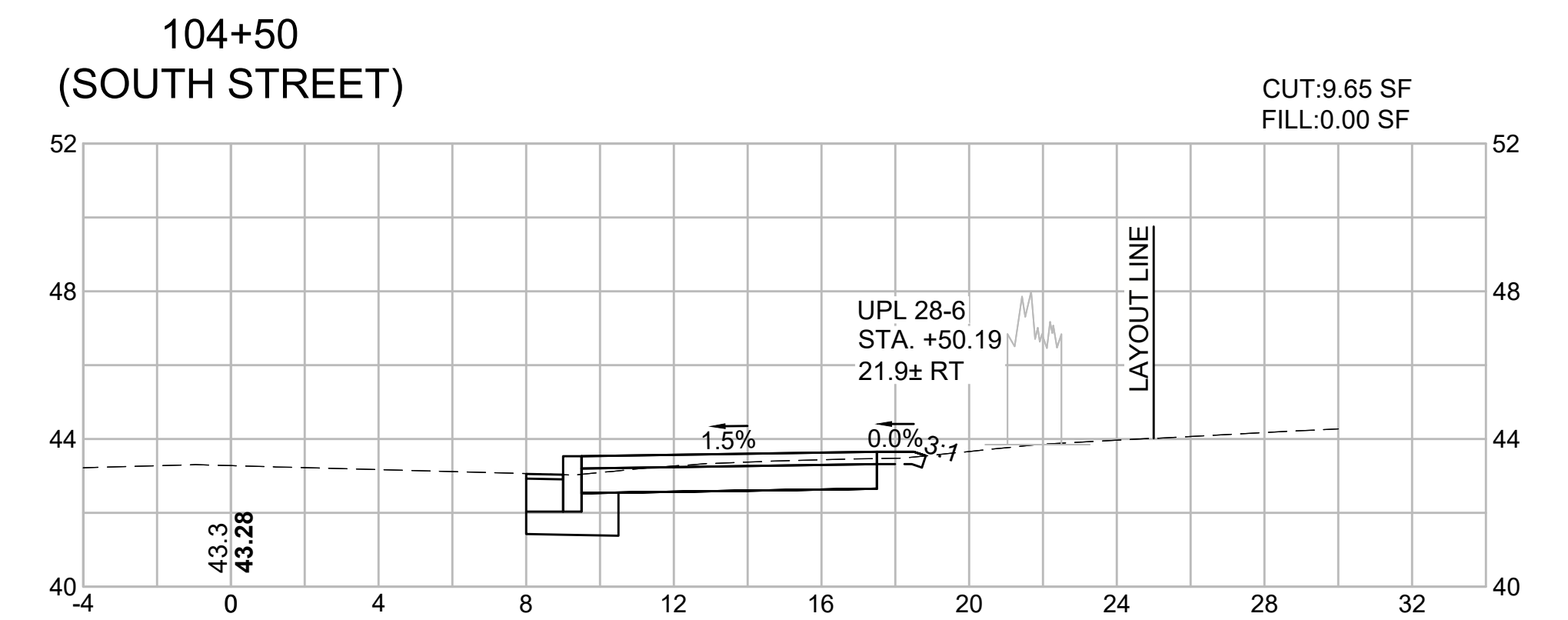
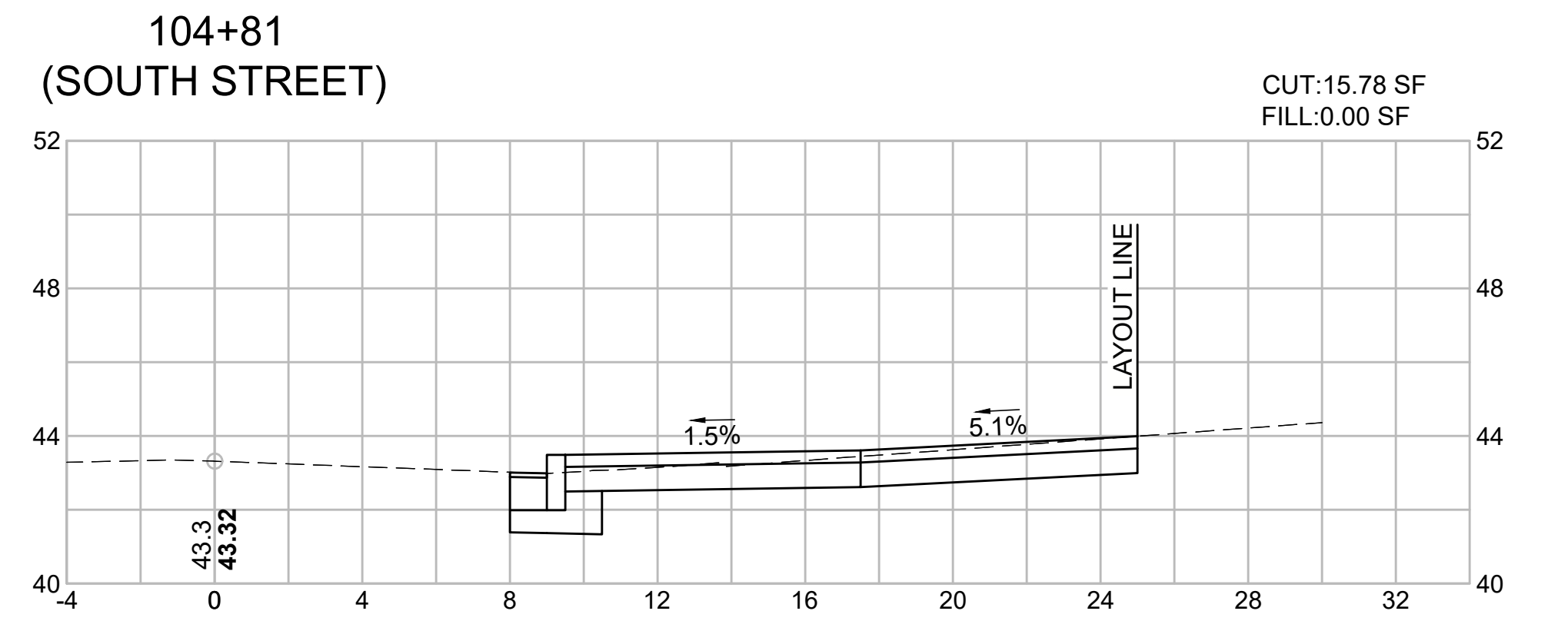
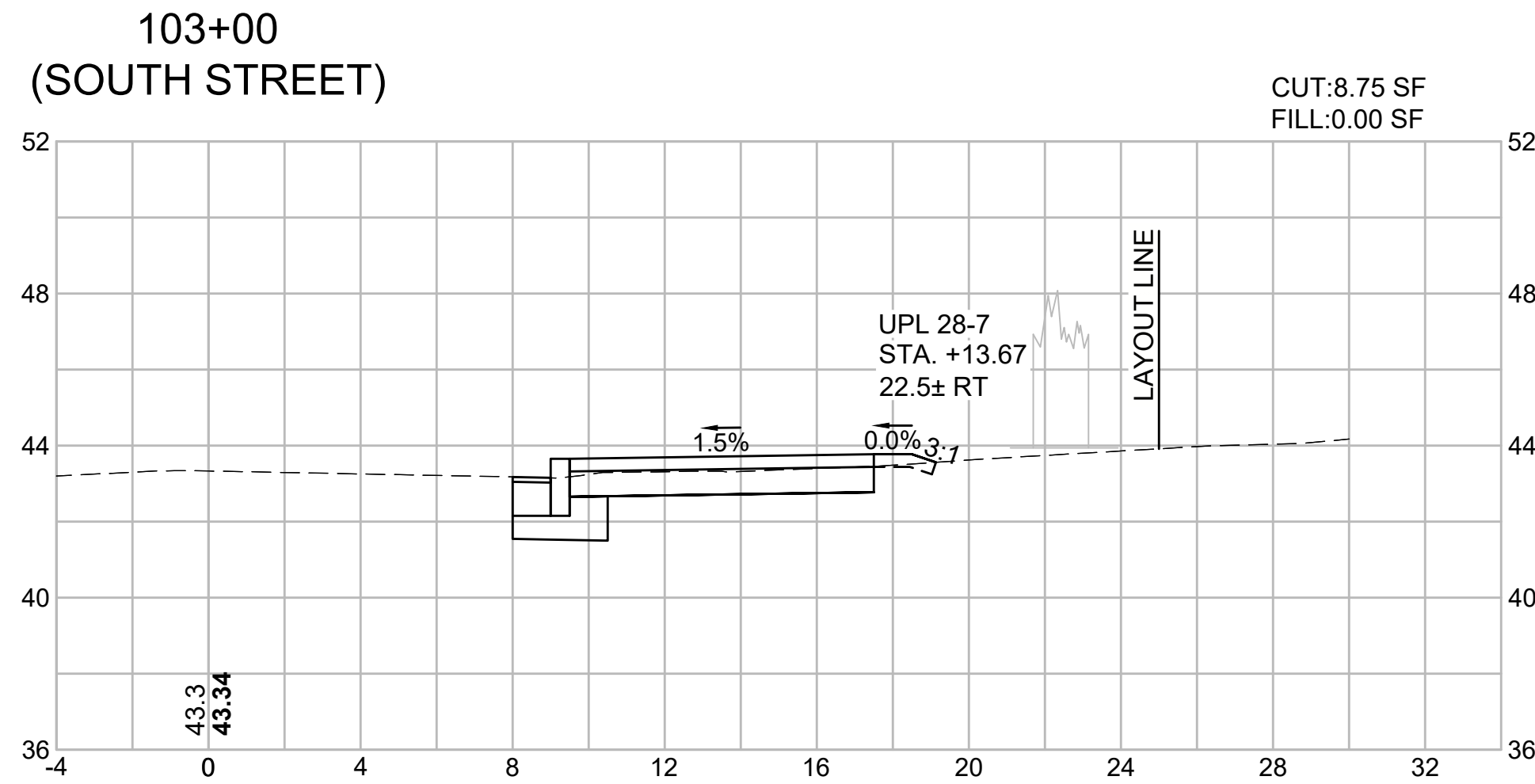
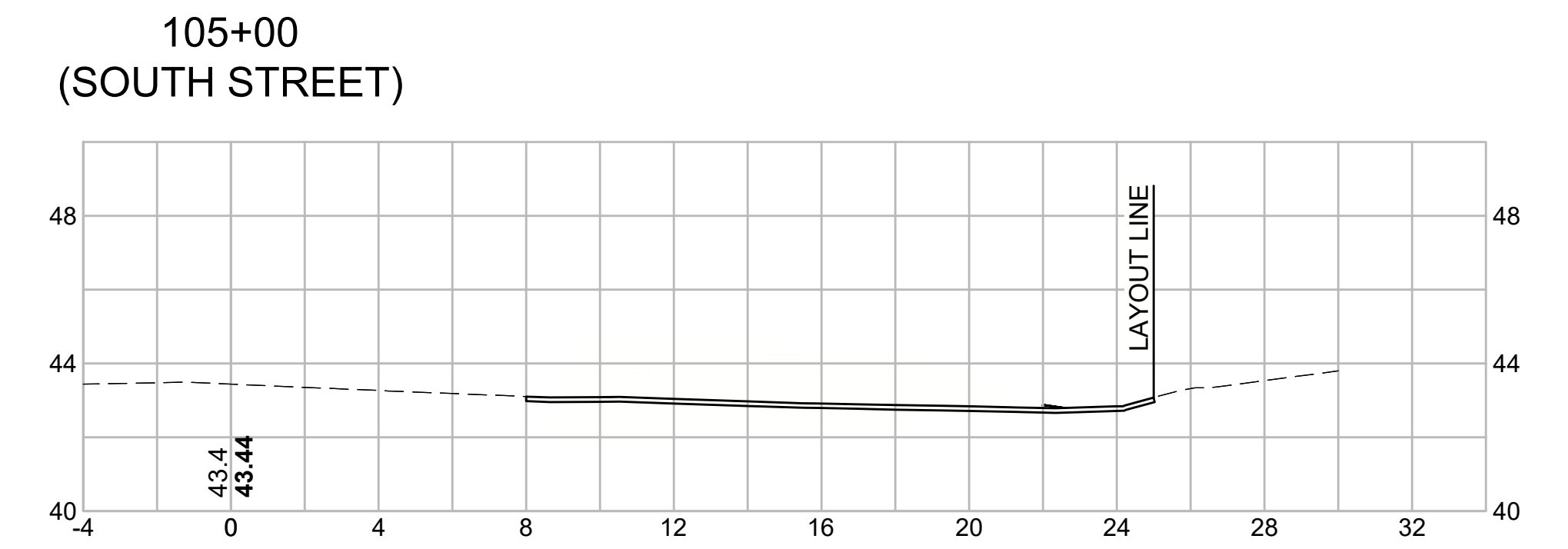
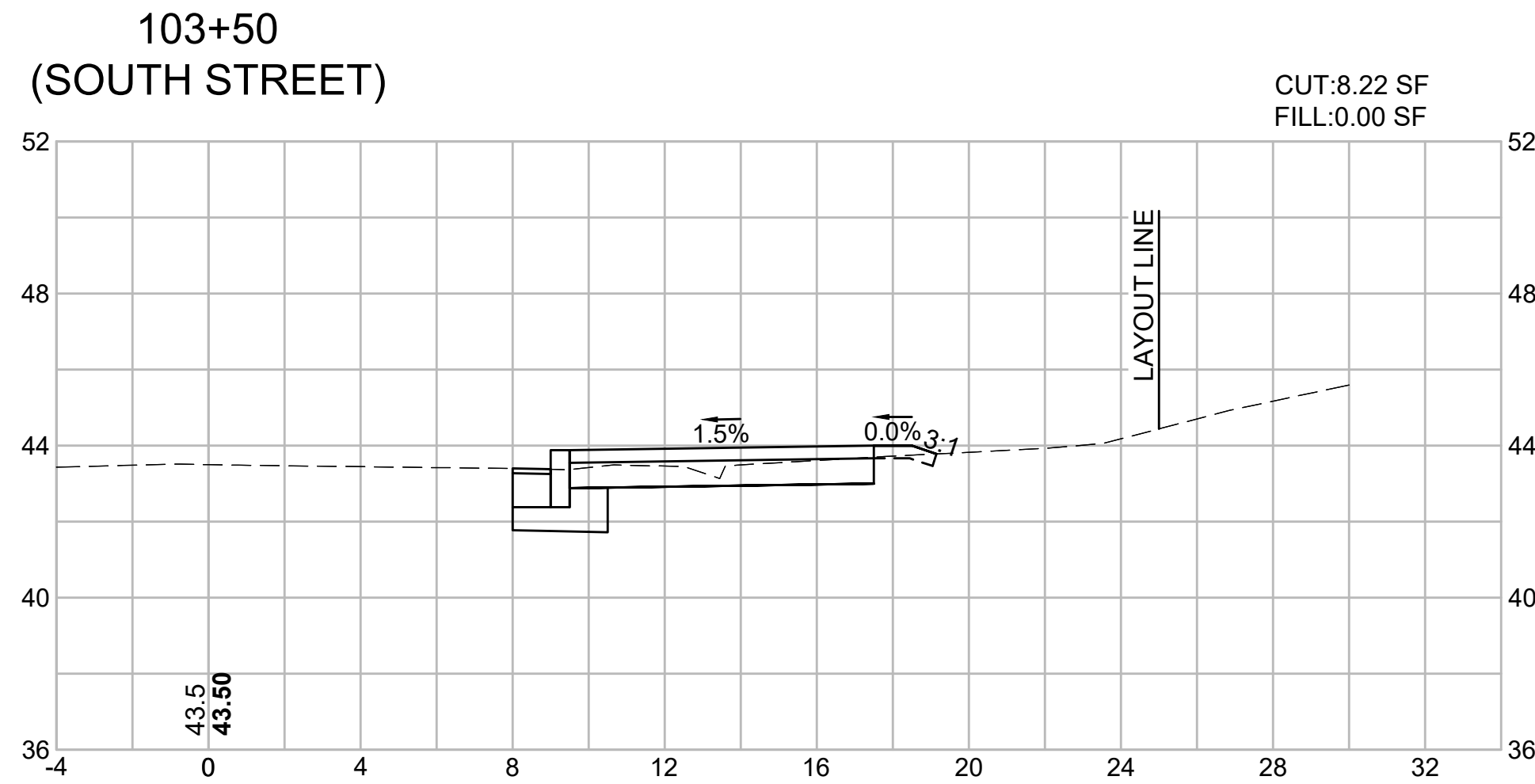
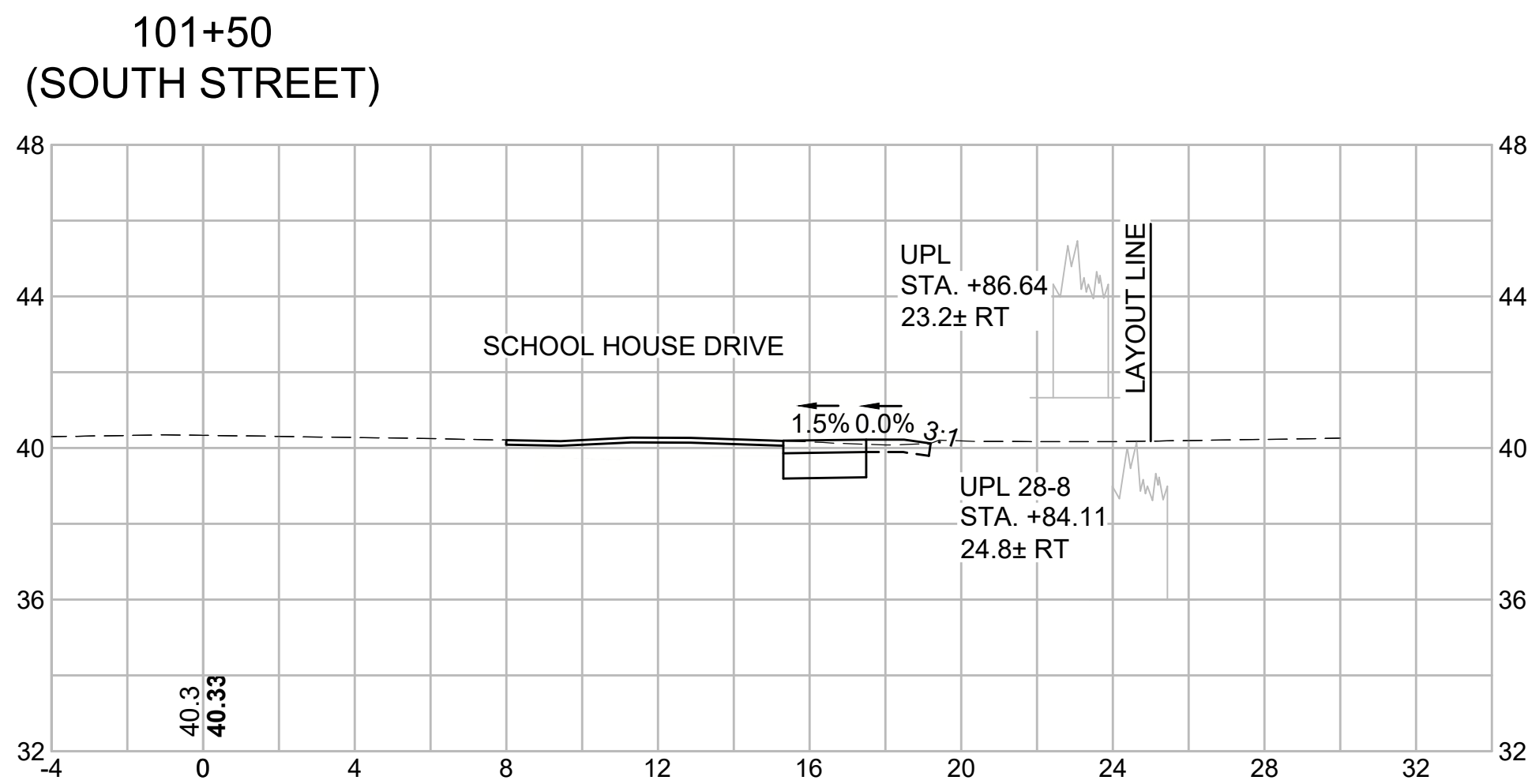
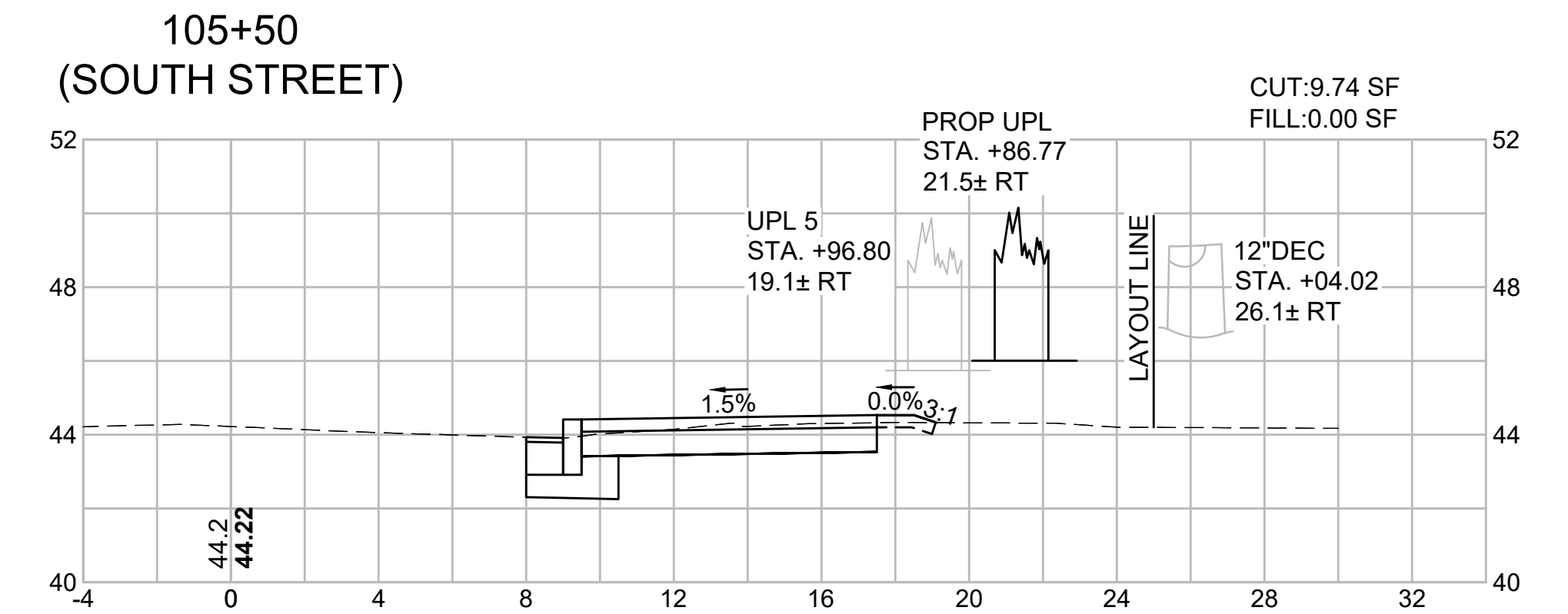
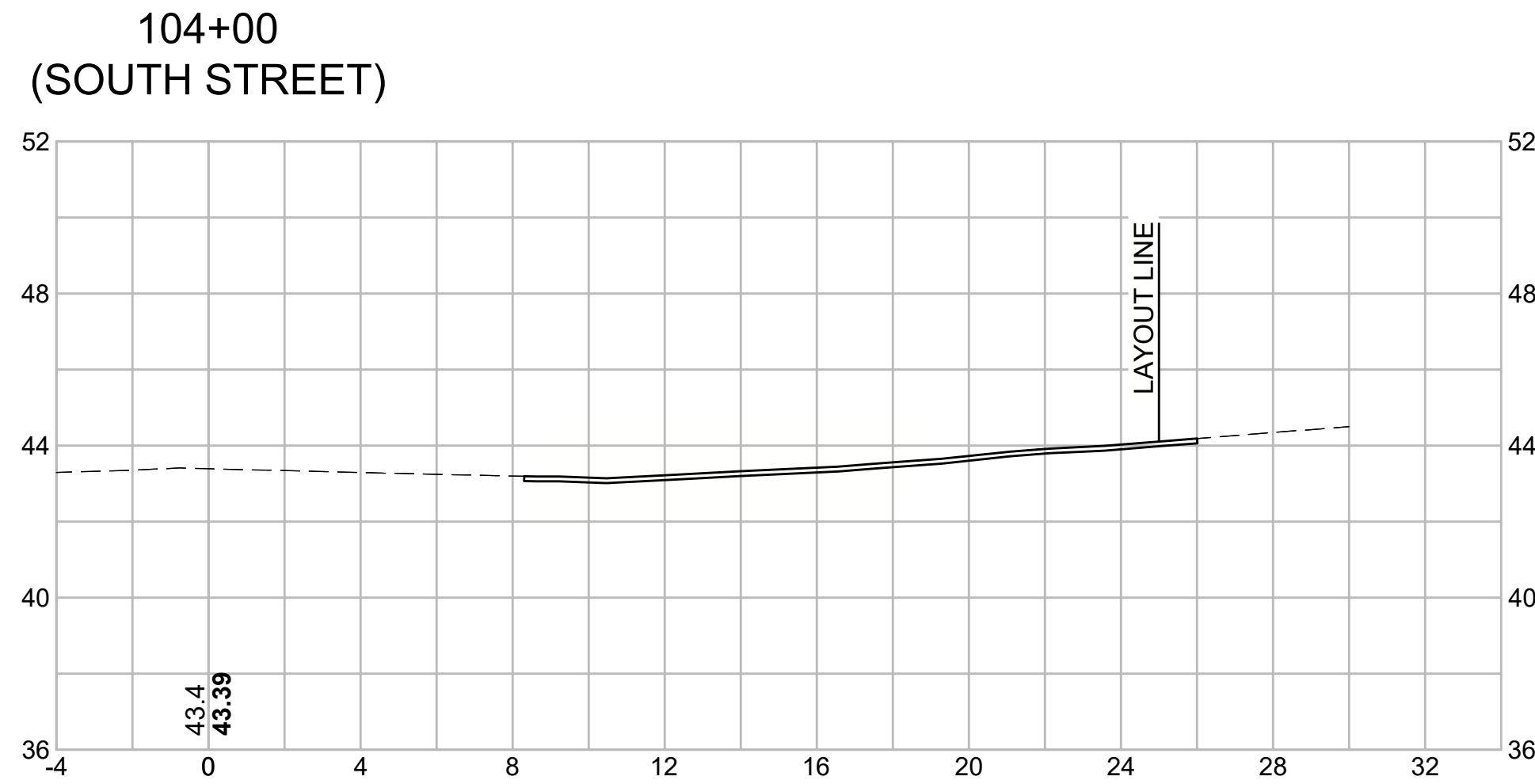
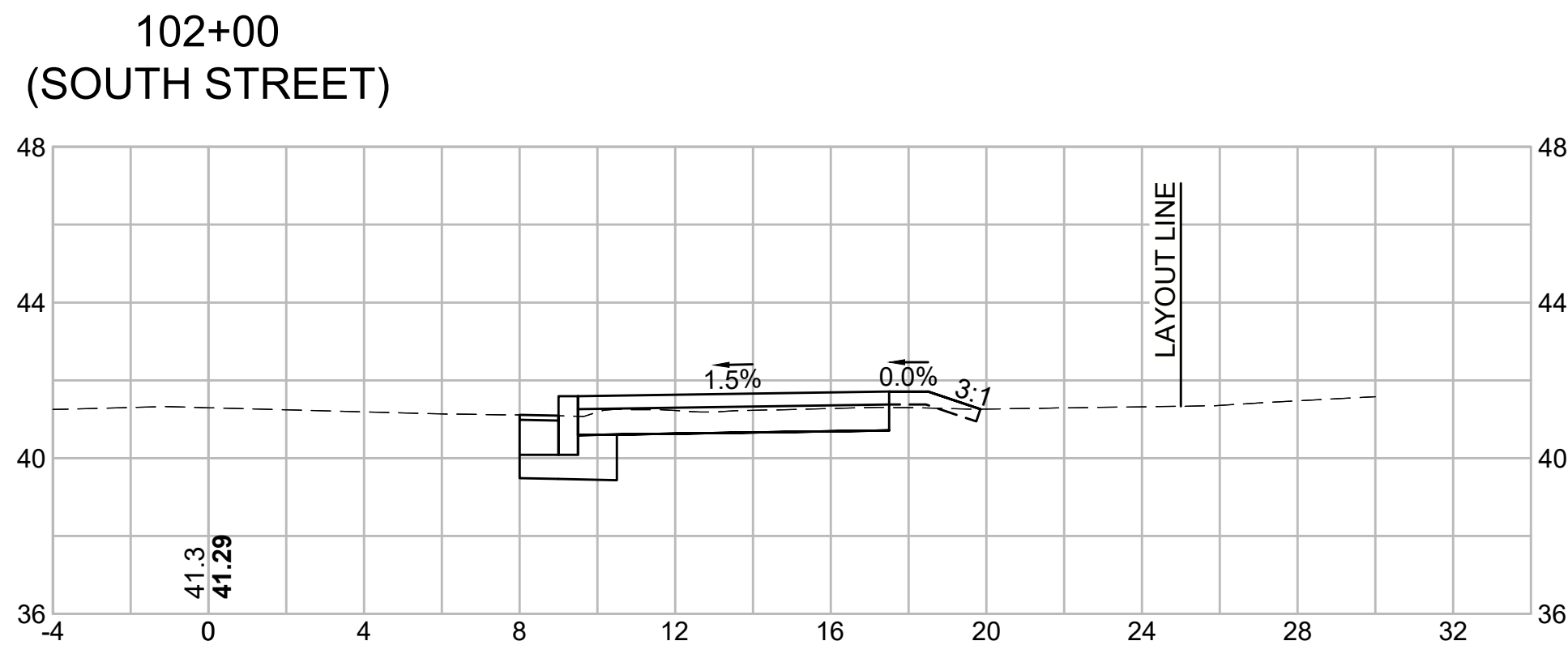
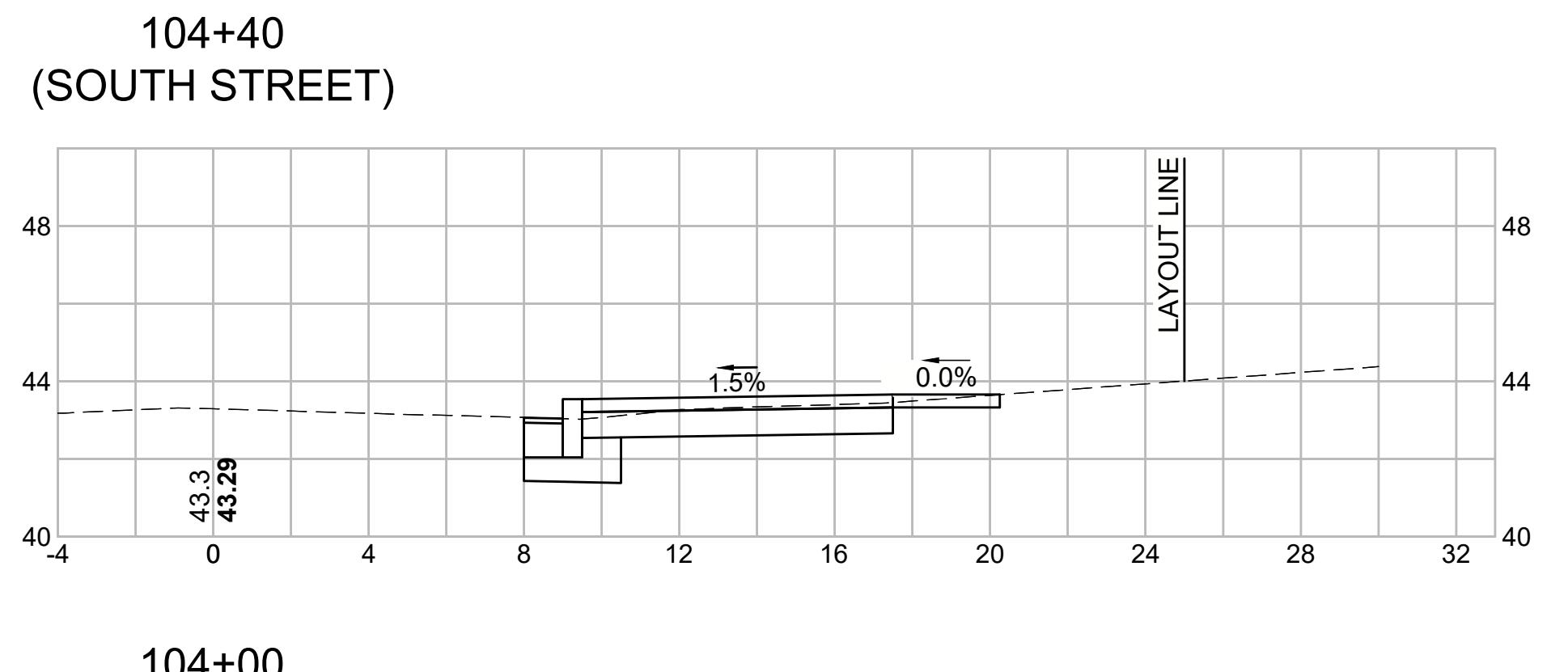
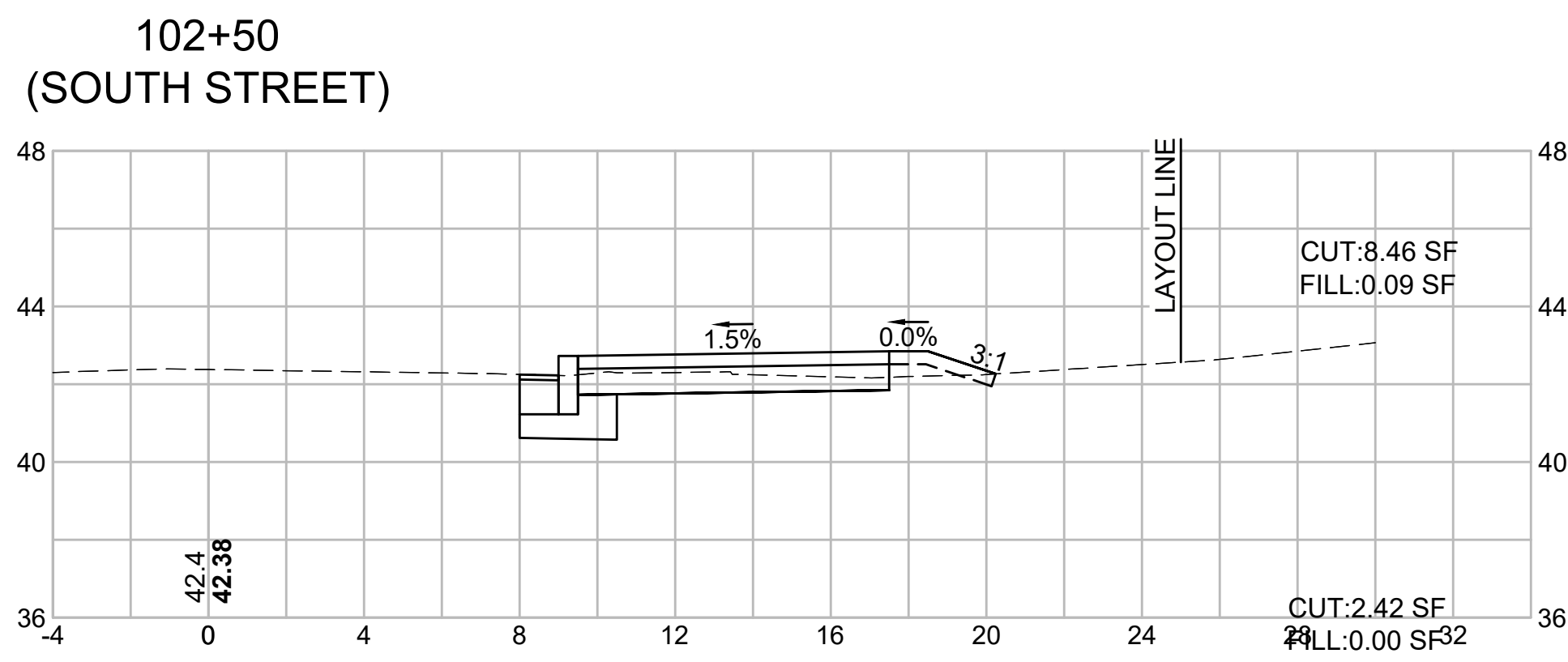
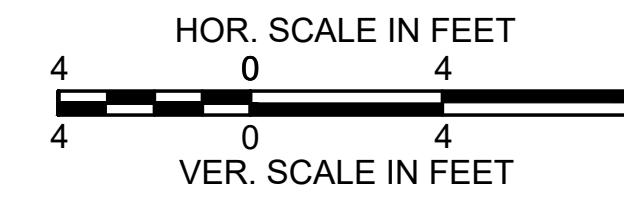
PANEL STYLE: REGULATORY.SSI
DIMENSIONS ARE IN INCHES.TENTHS
LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)						LENGTH	SERIES/SIZE
P	R	I	V	A	T	E	C 2000
2.3	5.7	9	10.3	13.3	16.5	19.4	4.5
R	O	A	D				C 2000
5.8	8.8	11.8	15.1				4.5
N	O						C 2000
9.6	12.1						4.5
T	H	R	U				C 2000
7.2	9.4	11.9	14.2				9
T	R	A	F	F	I	C	C 2000
4.5	6.6	8.8	11.4	13.5	15.7	16.6	14.1

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	56	71
PROJECT FILE NO. 610670			

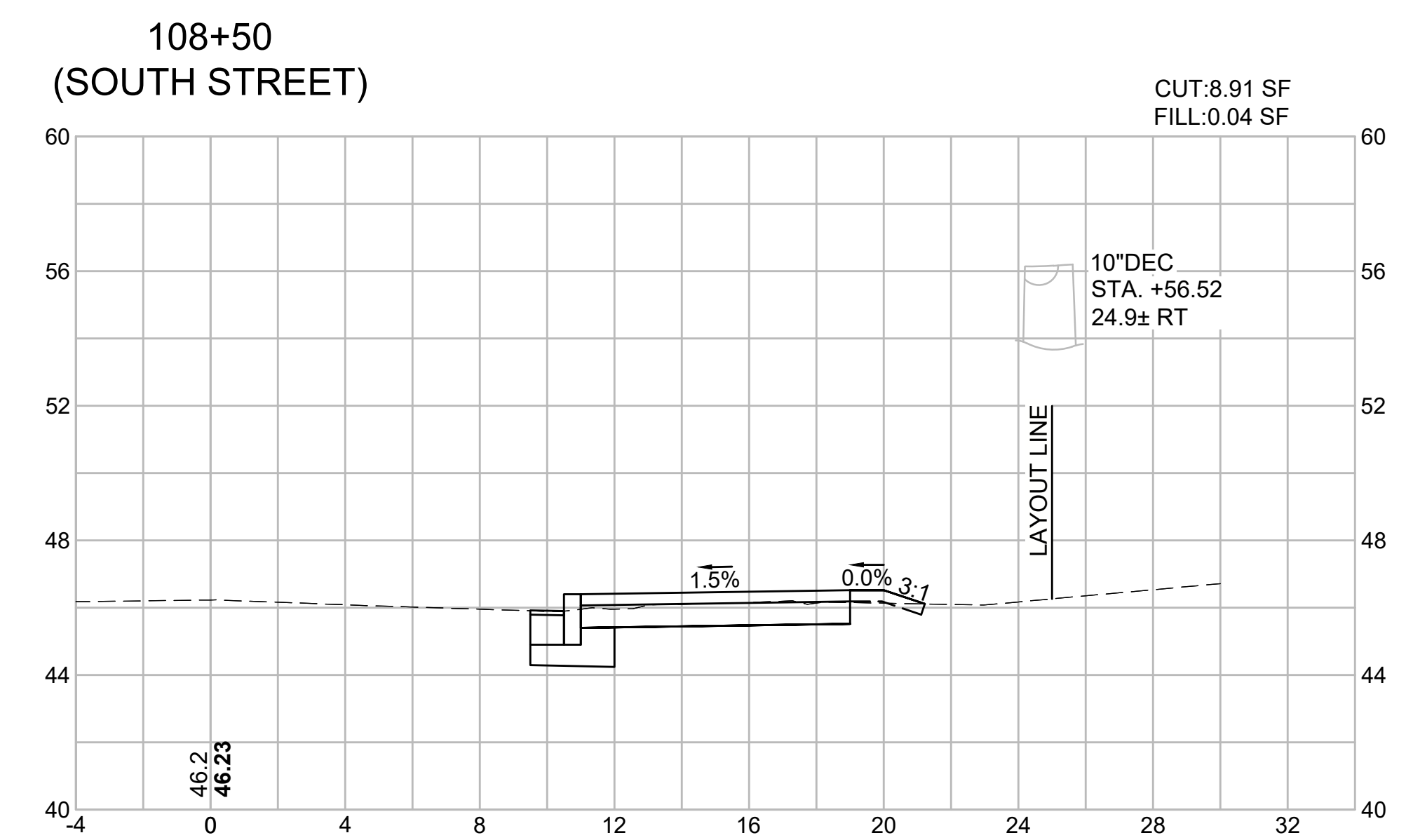
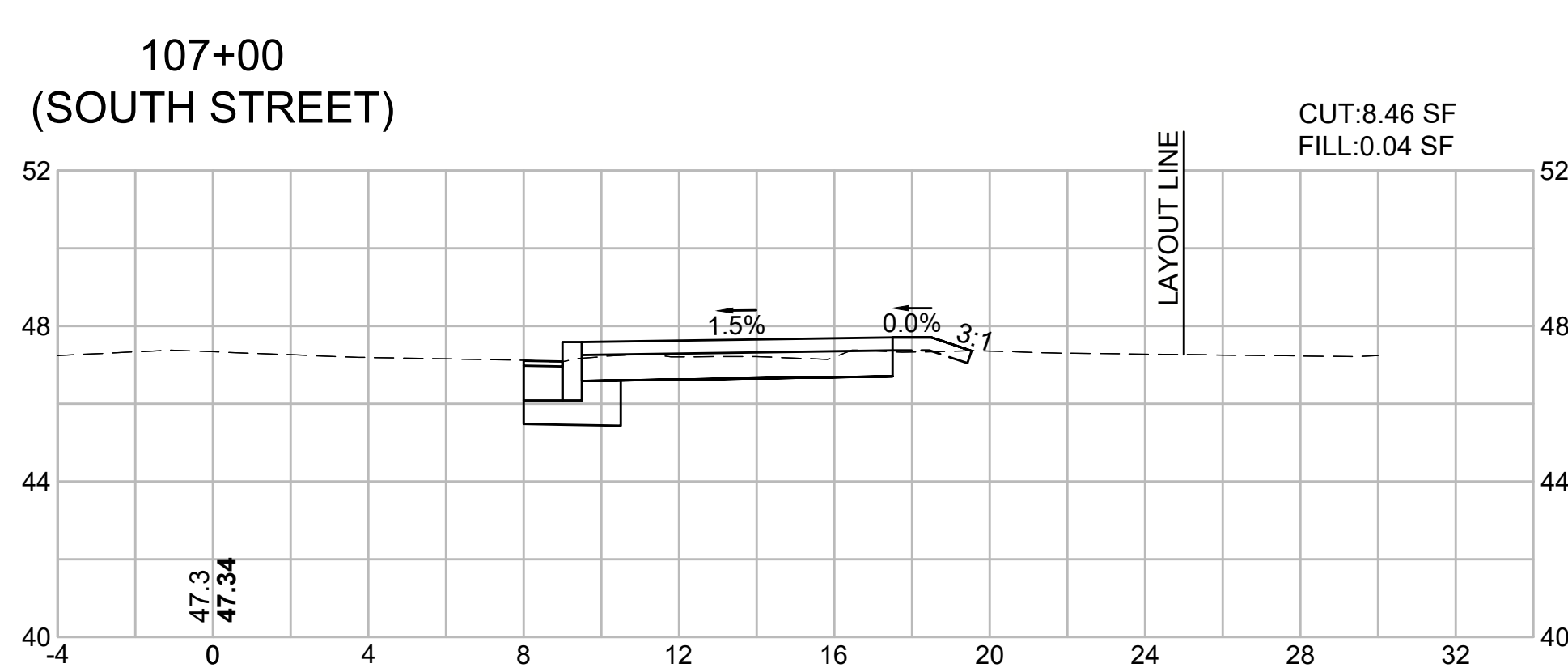
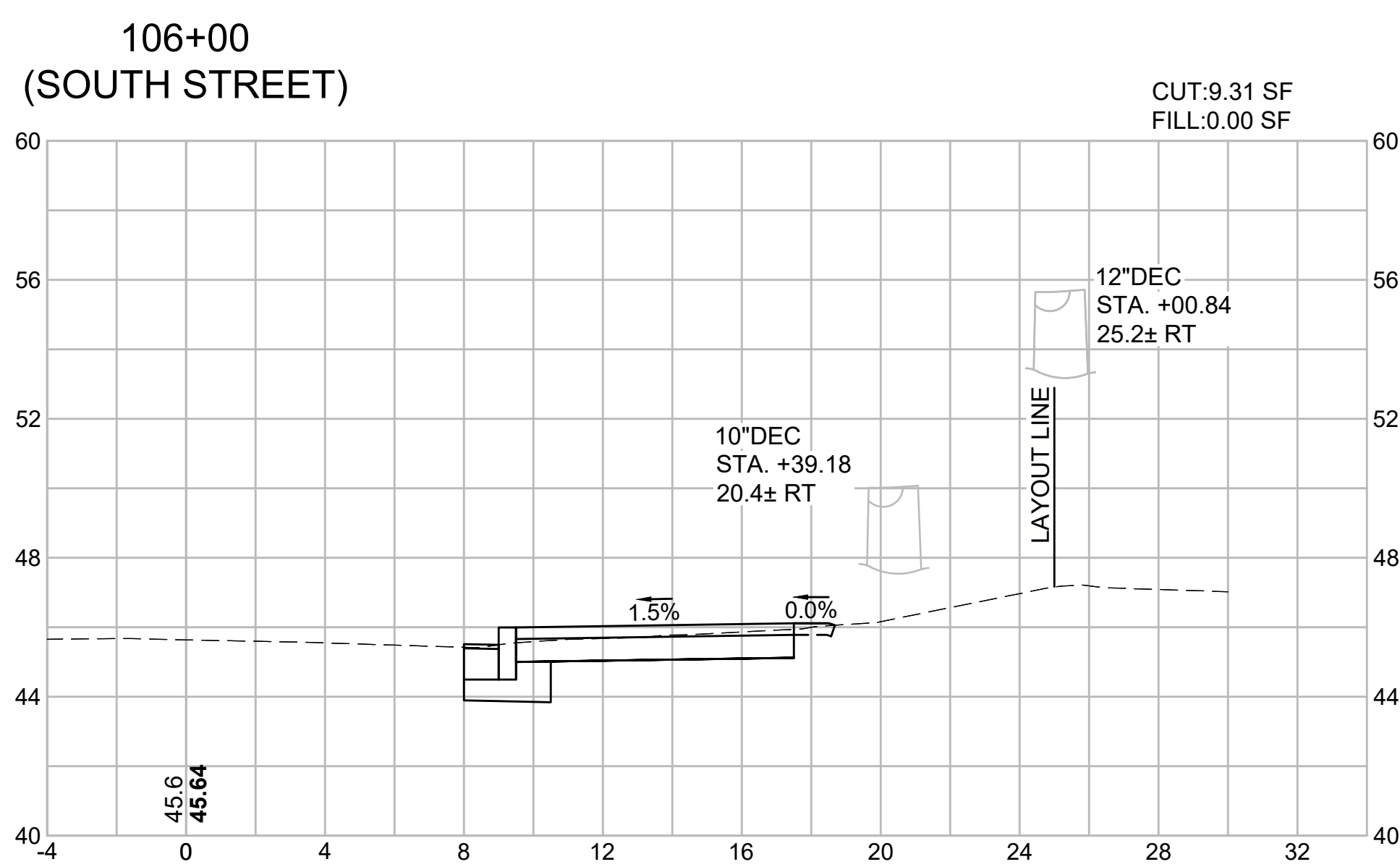
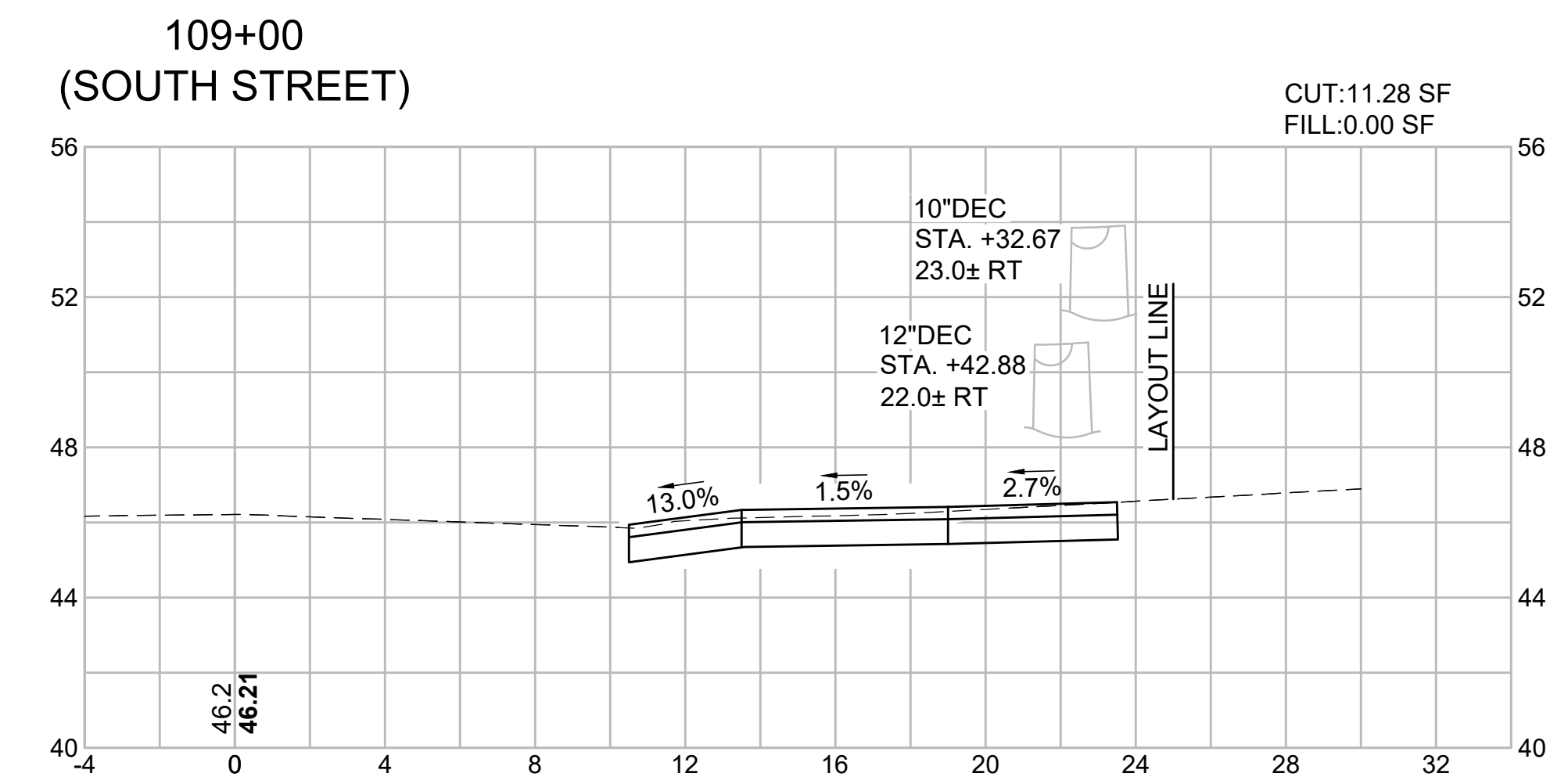
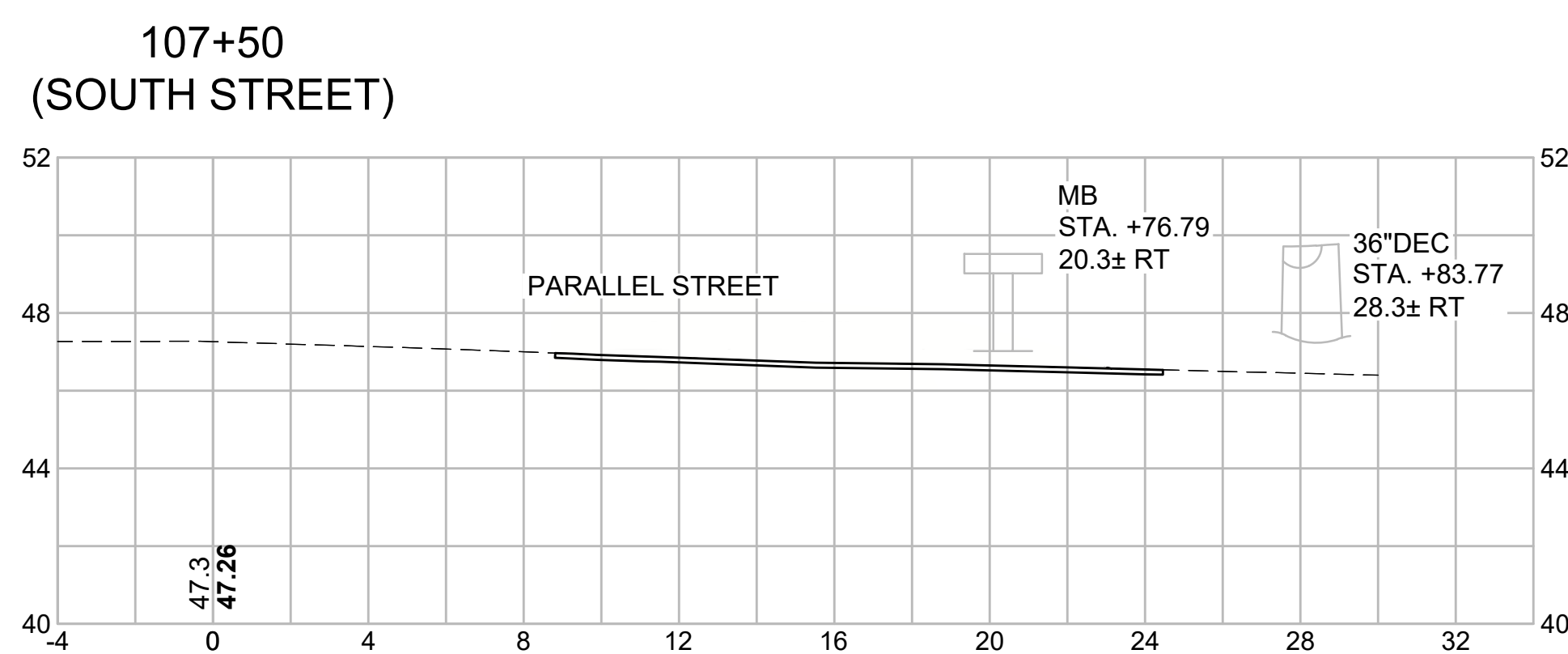
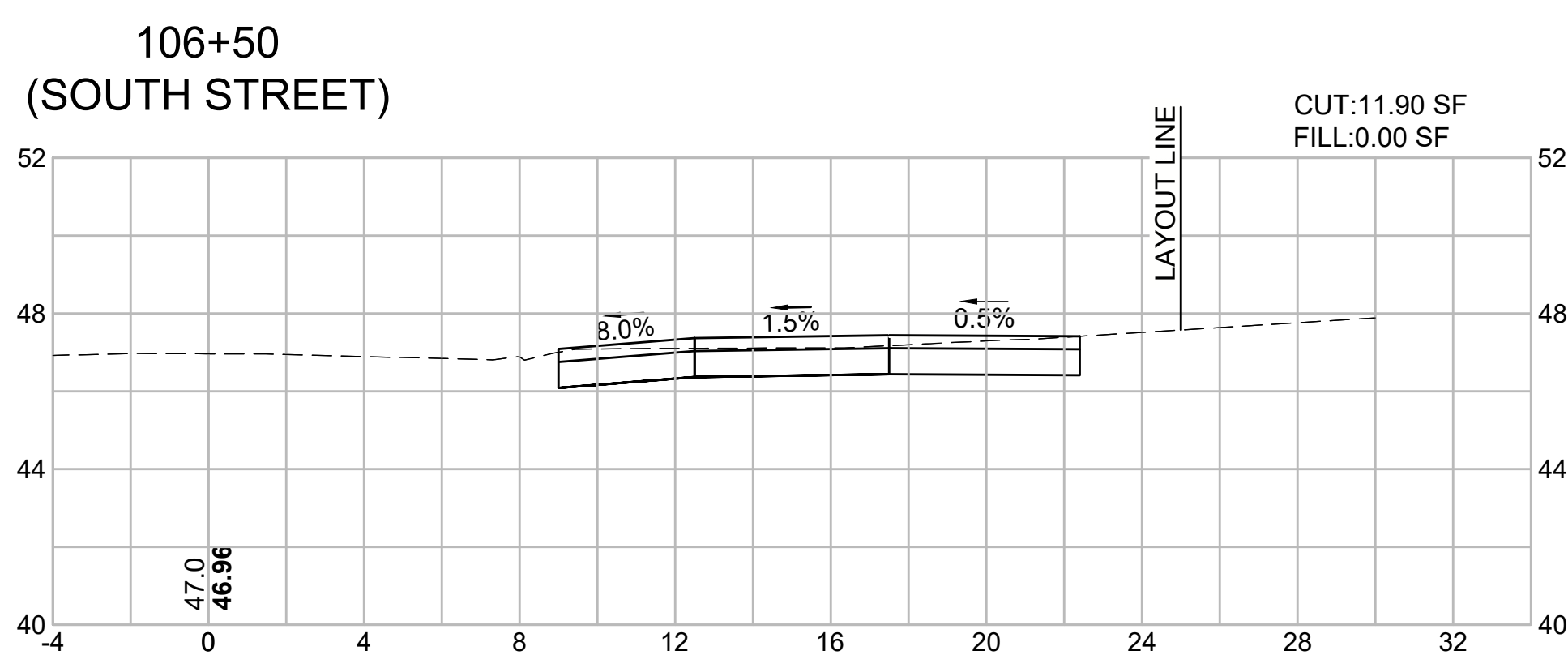
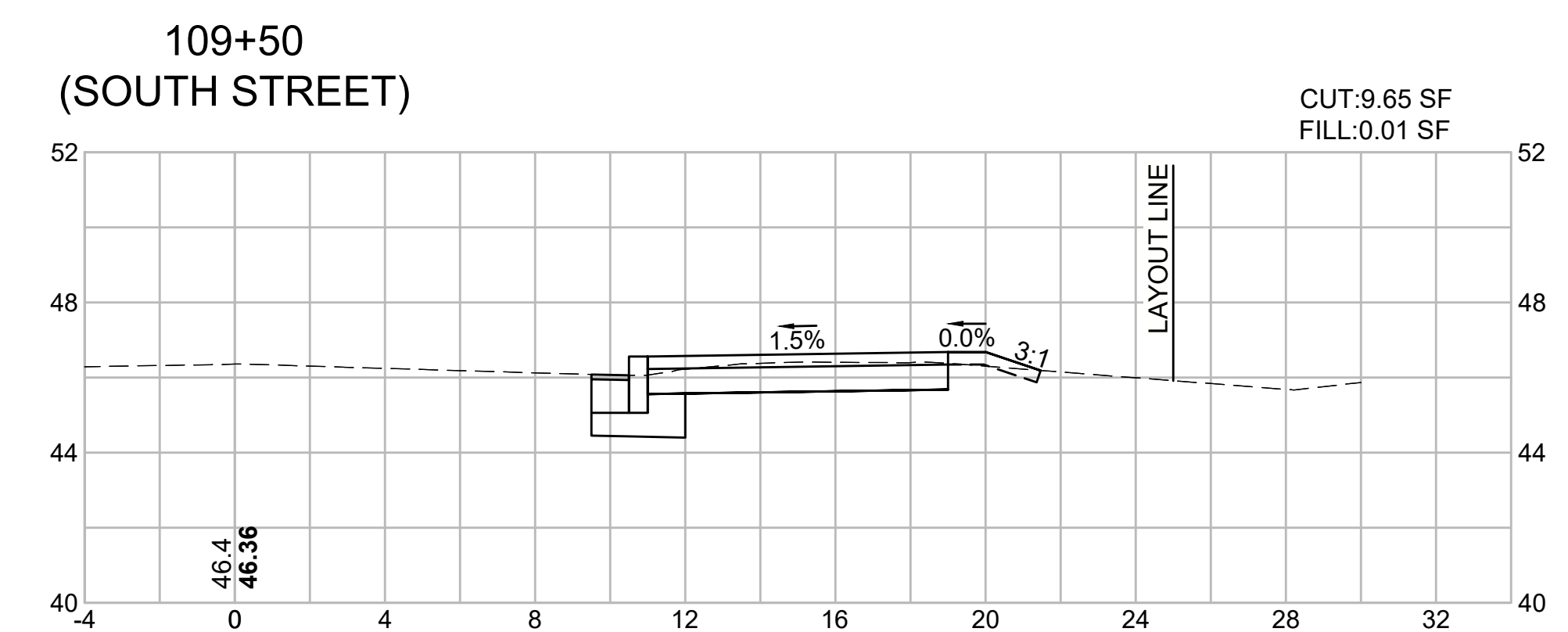
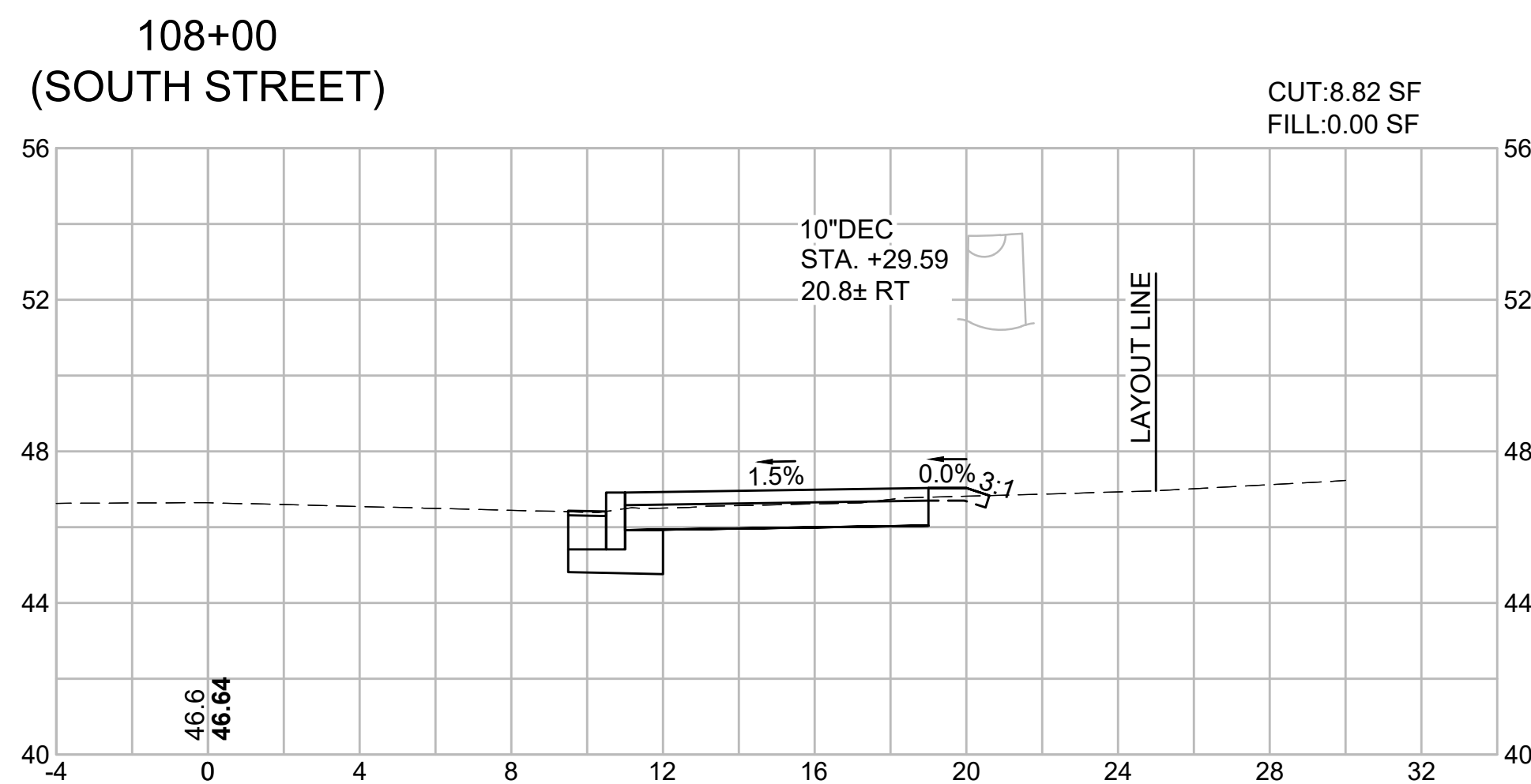
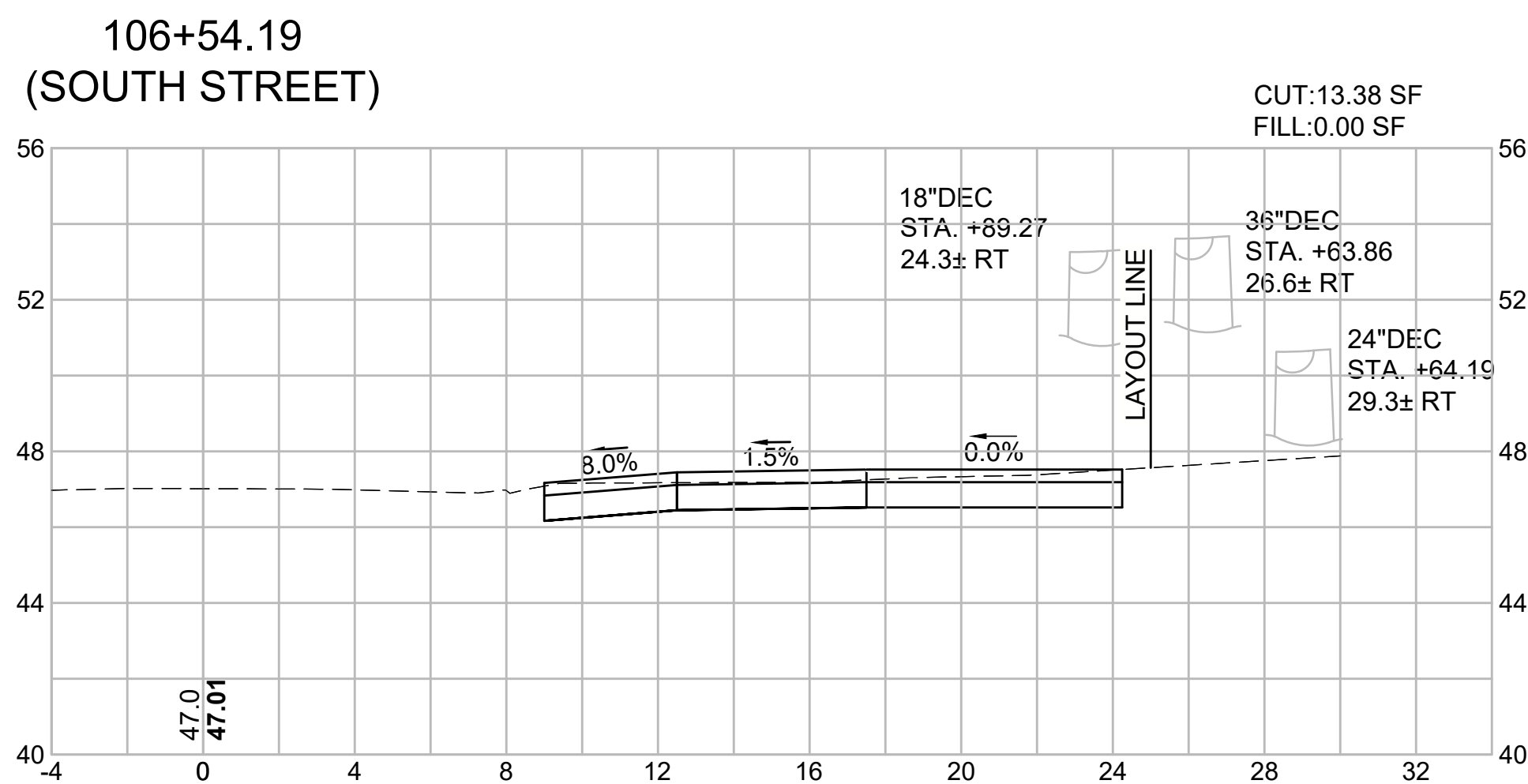
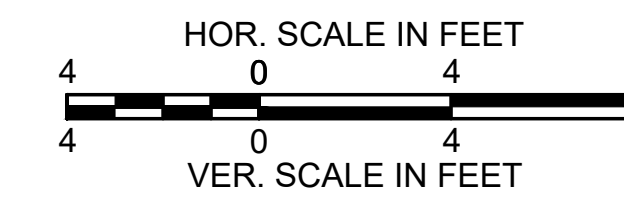
CROSS SECTIONS - 1
SOUTH STREET



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	57	71
PROJECT FILE NO. 610670			

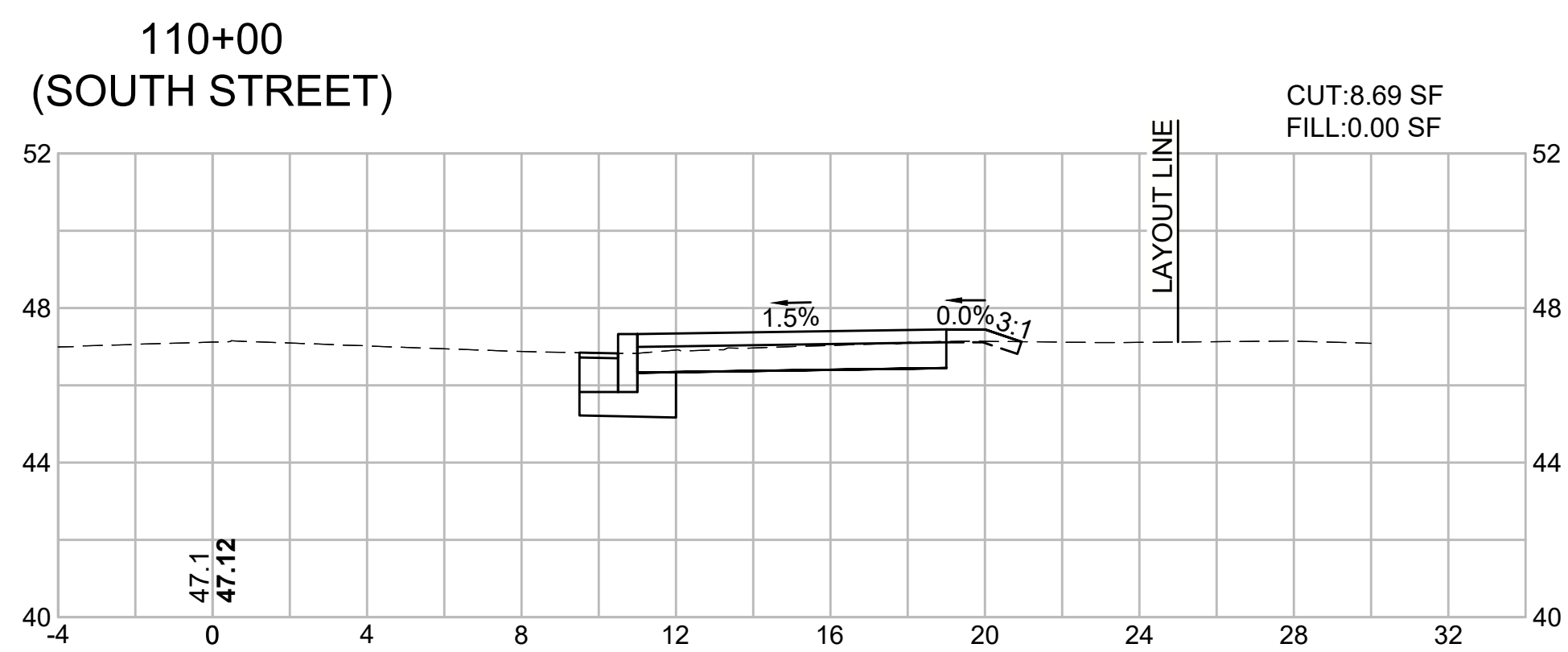
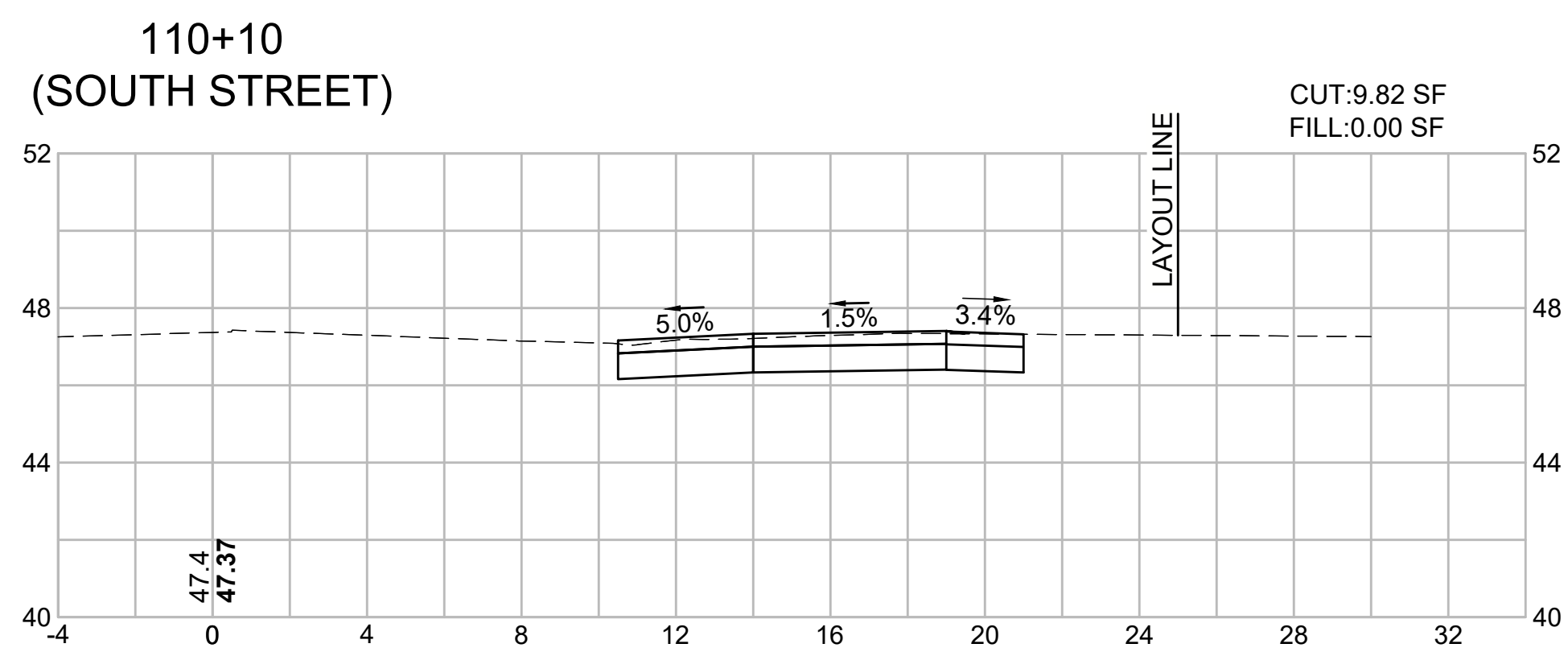
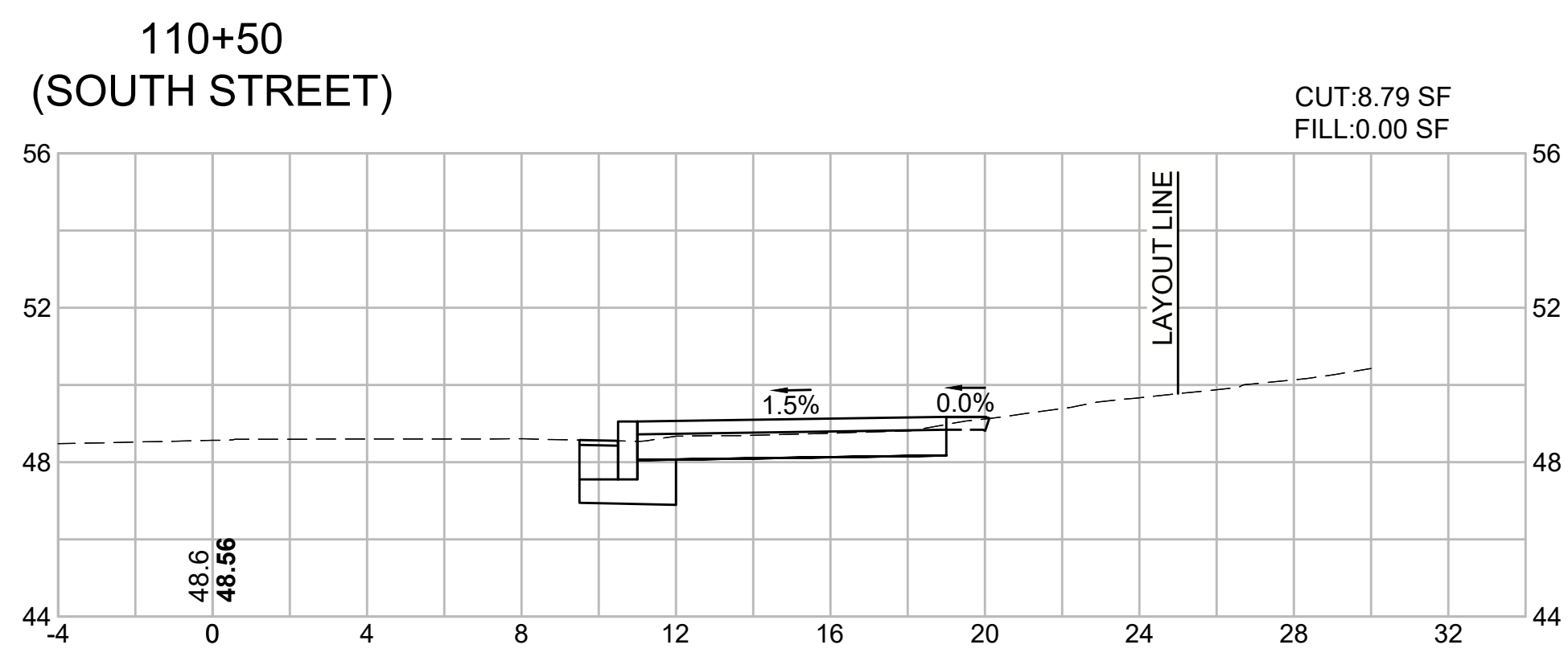
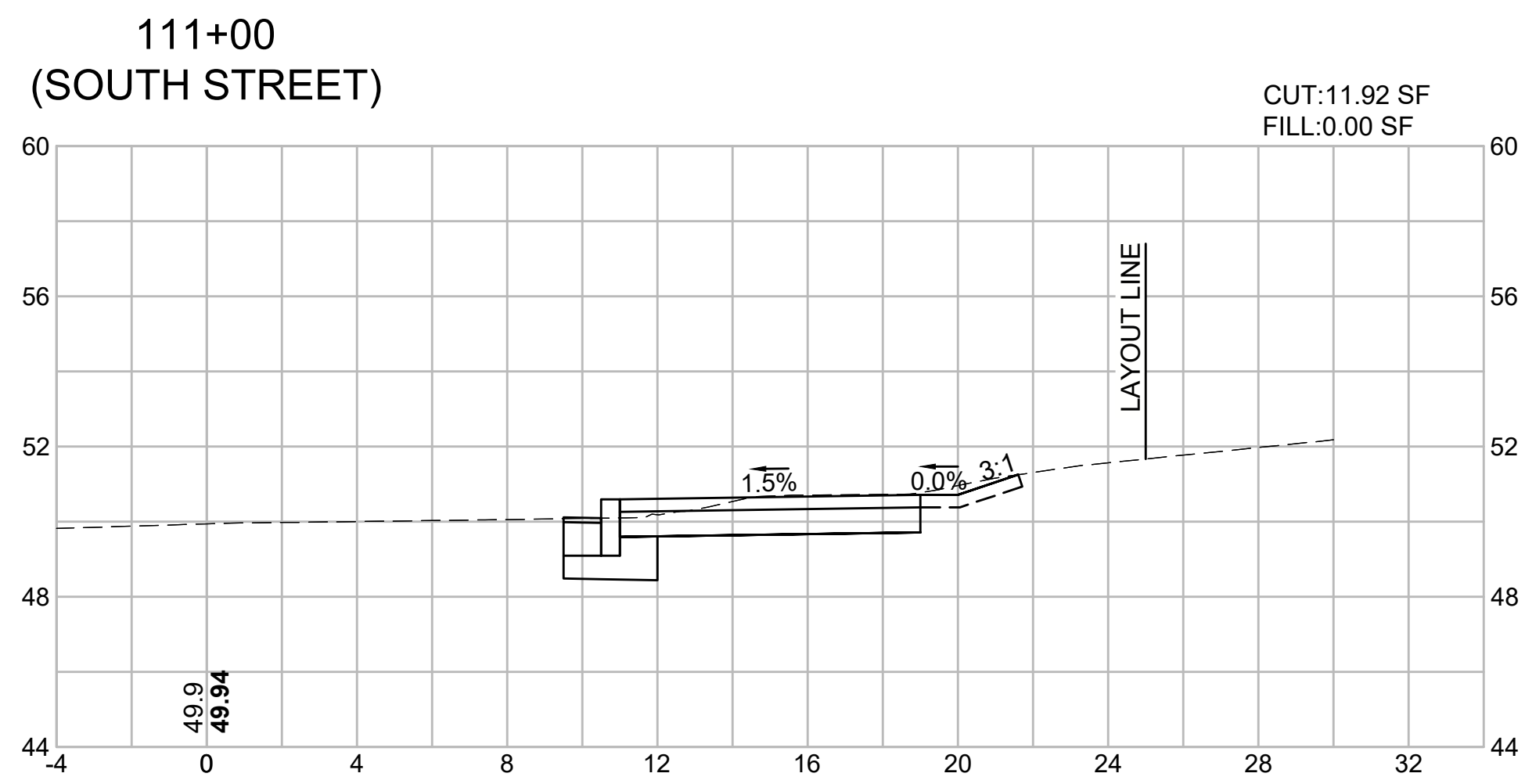
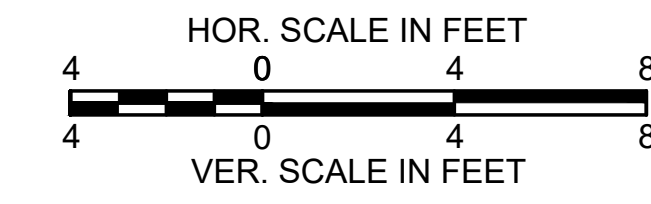
CROSS SECTIONS - 2
SOUTH STREET



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
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PROJECT FILE NO.		610670	

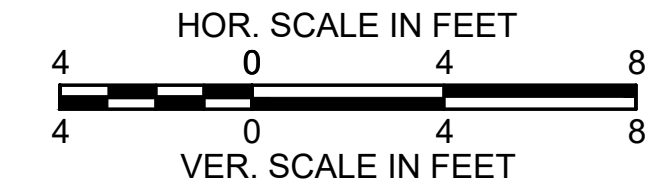
CROSS SECTIONS - 3
SOUTH STREET



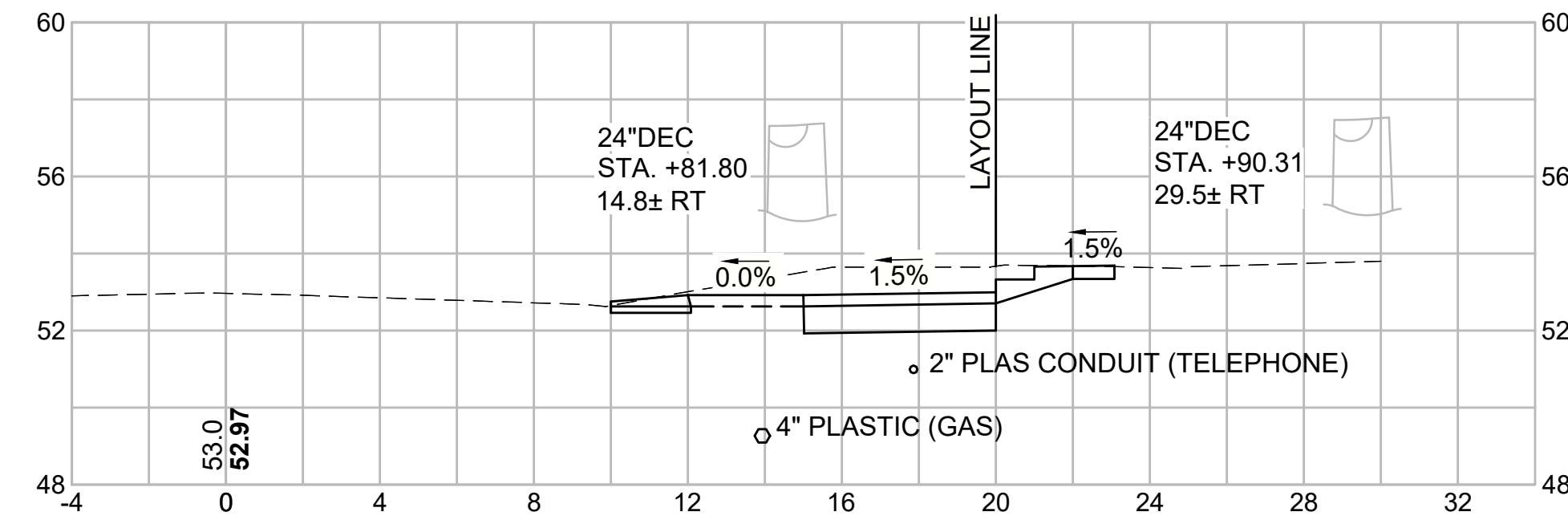
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
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PROJECT FILE NO. 610670			

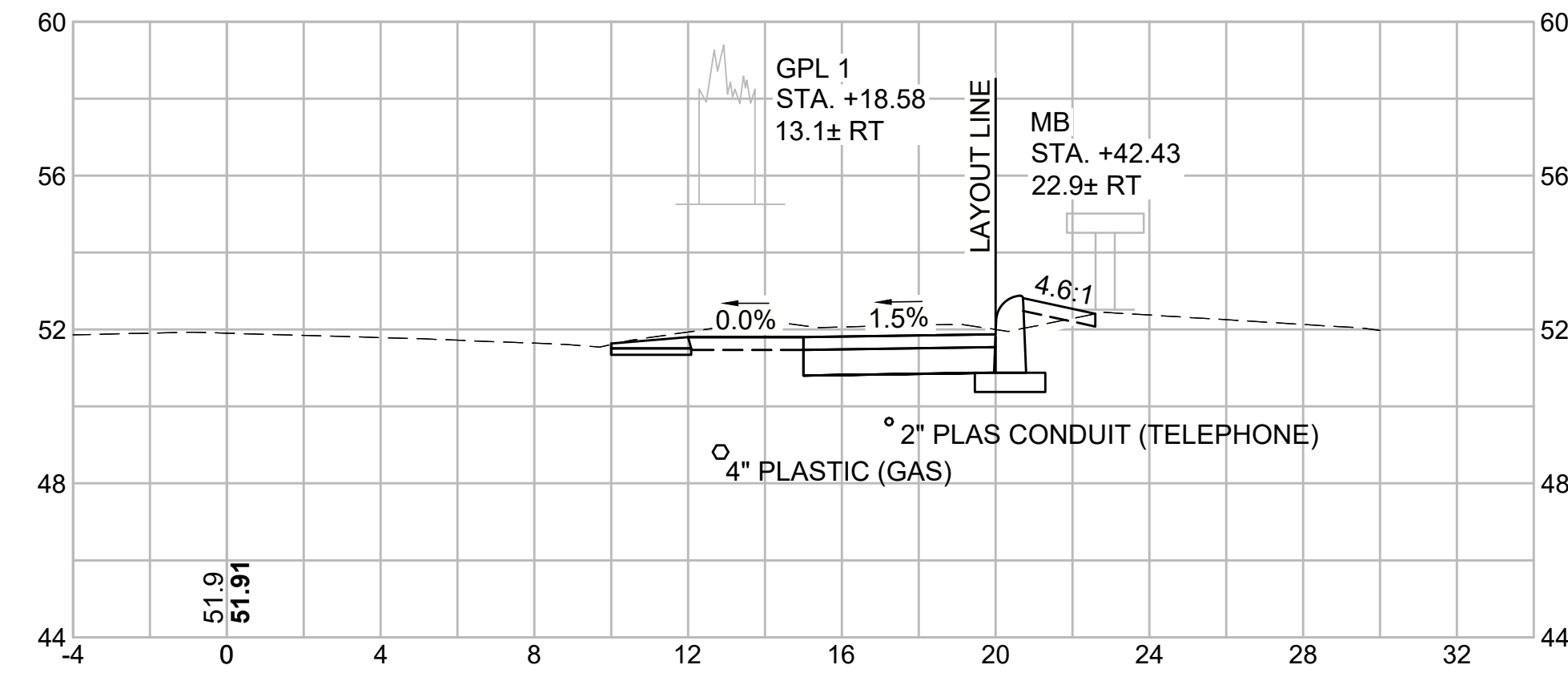
CROSS SECTIONS - 4
MAIN STREET



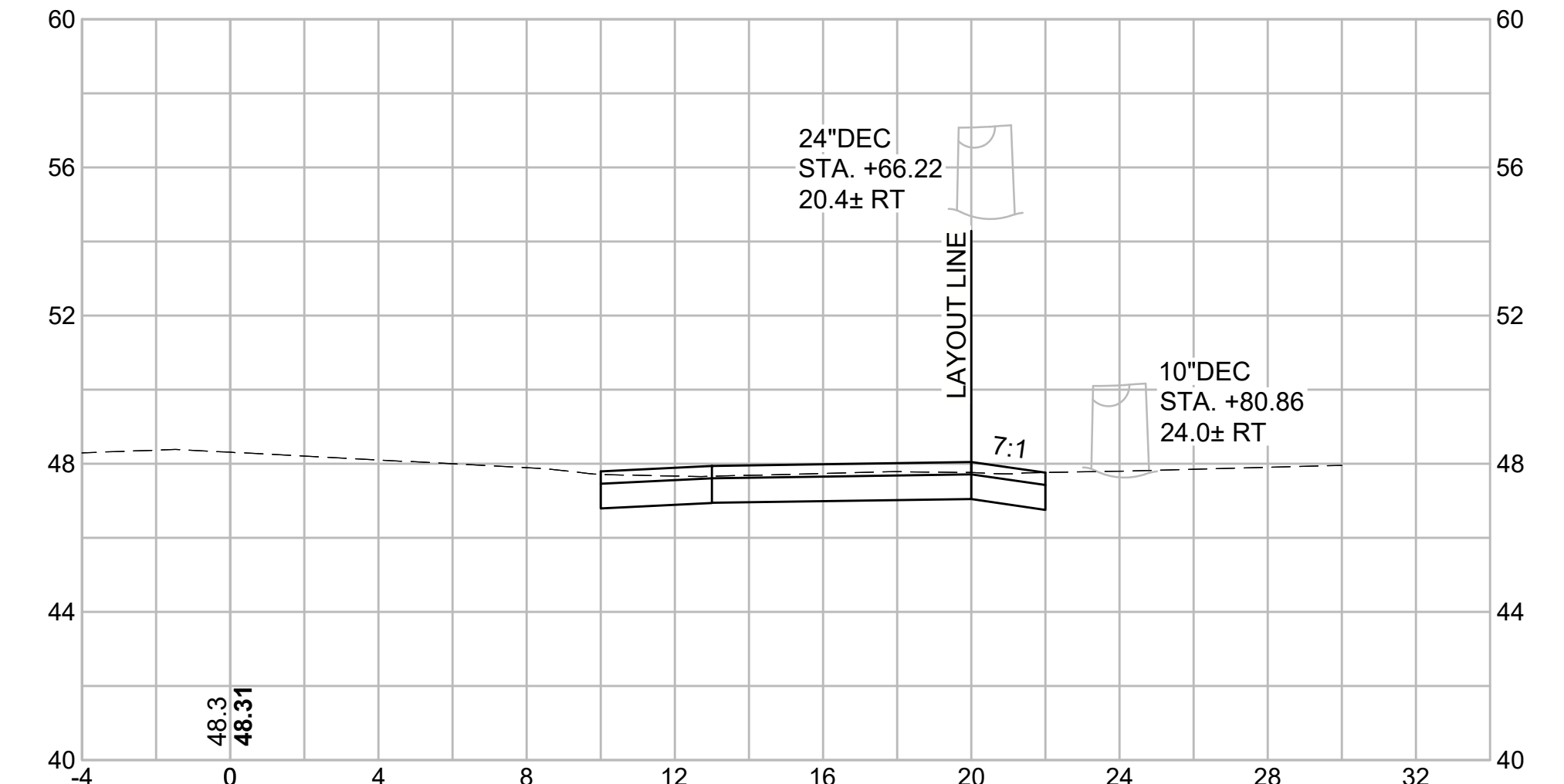
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(MAIN STREET)



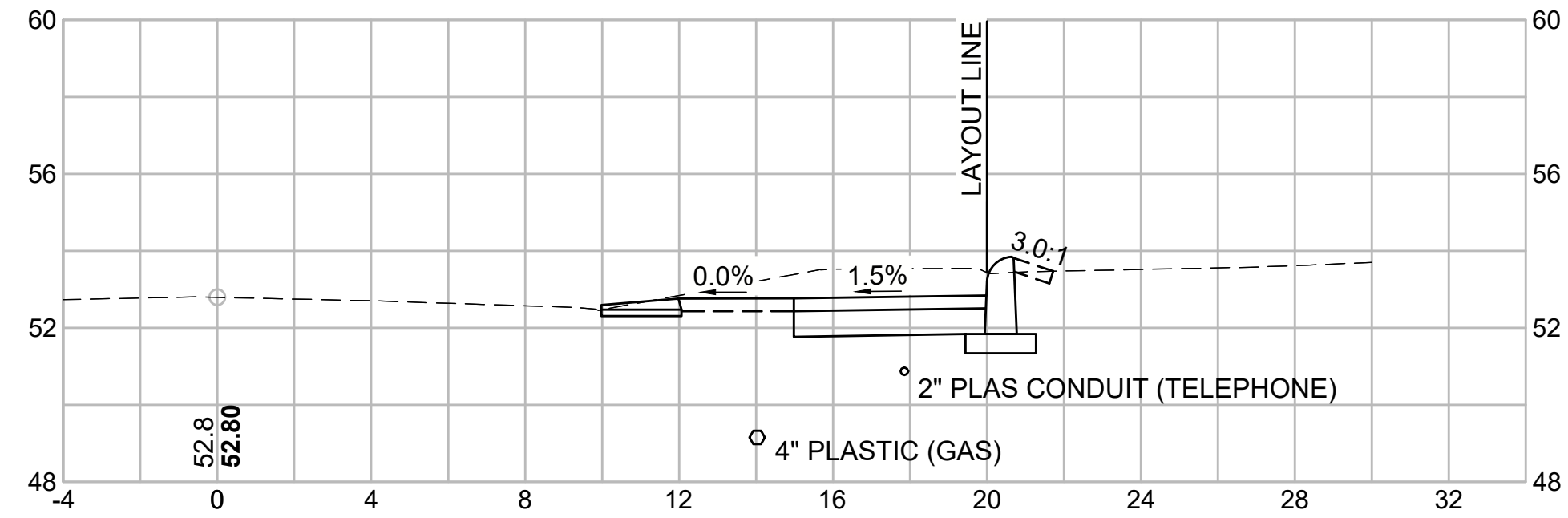
203+00
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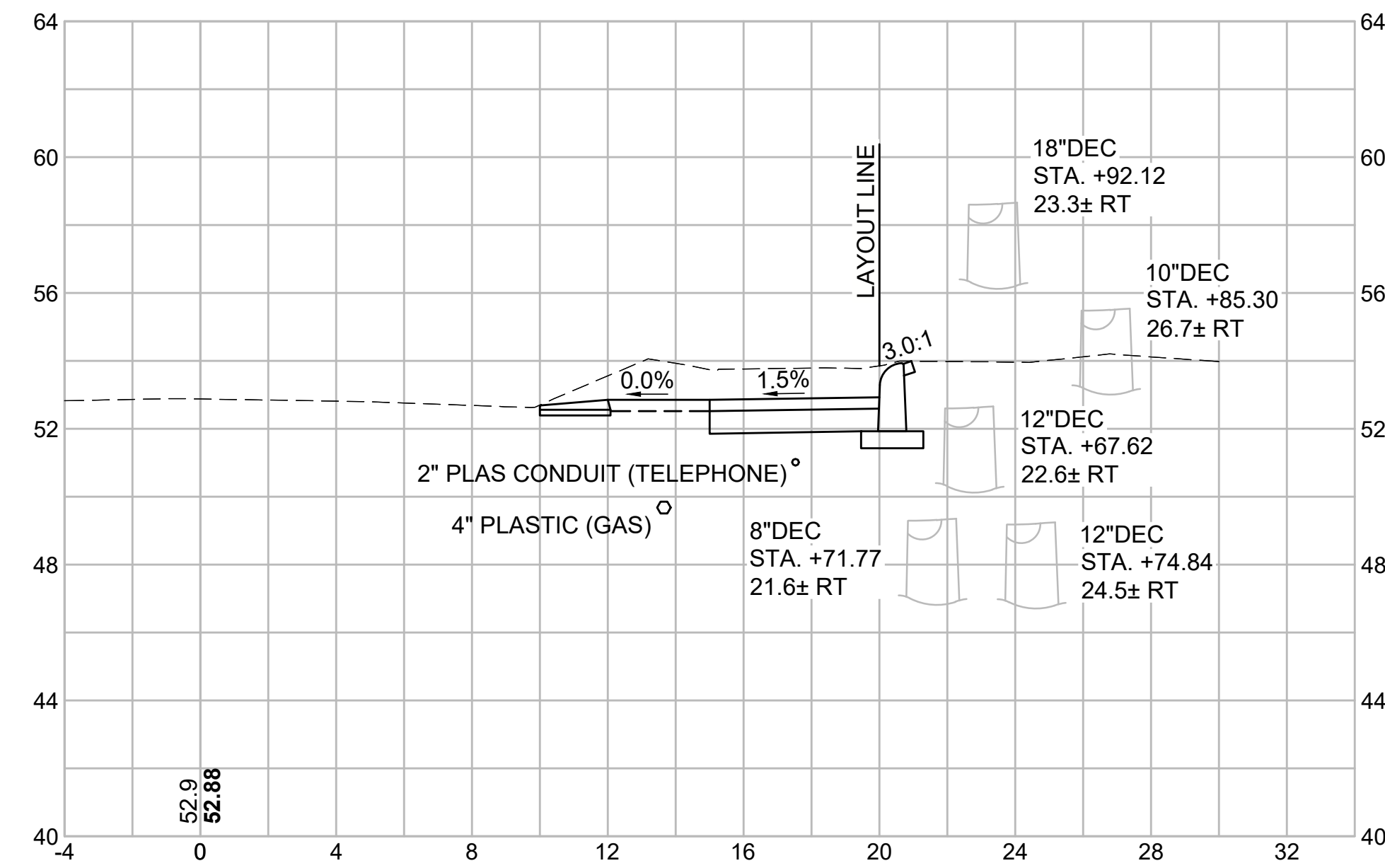
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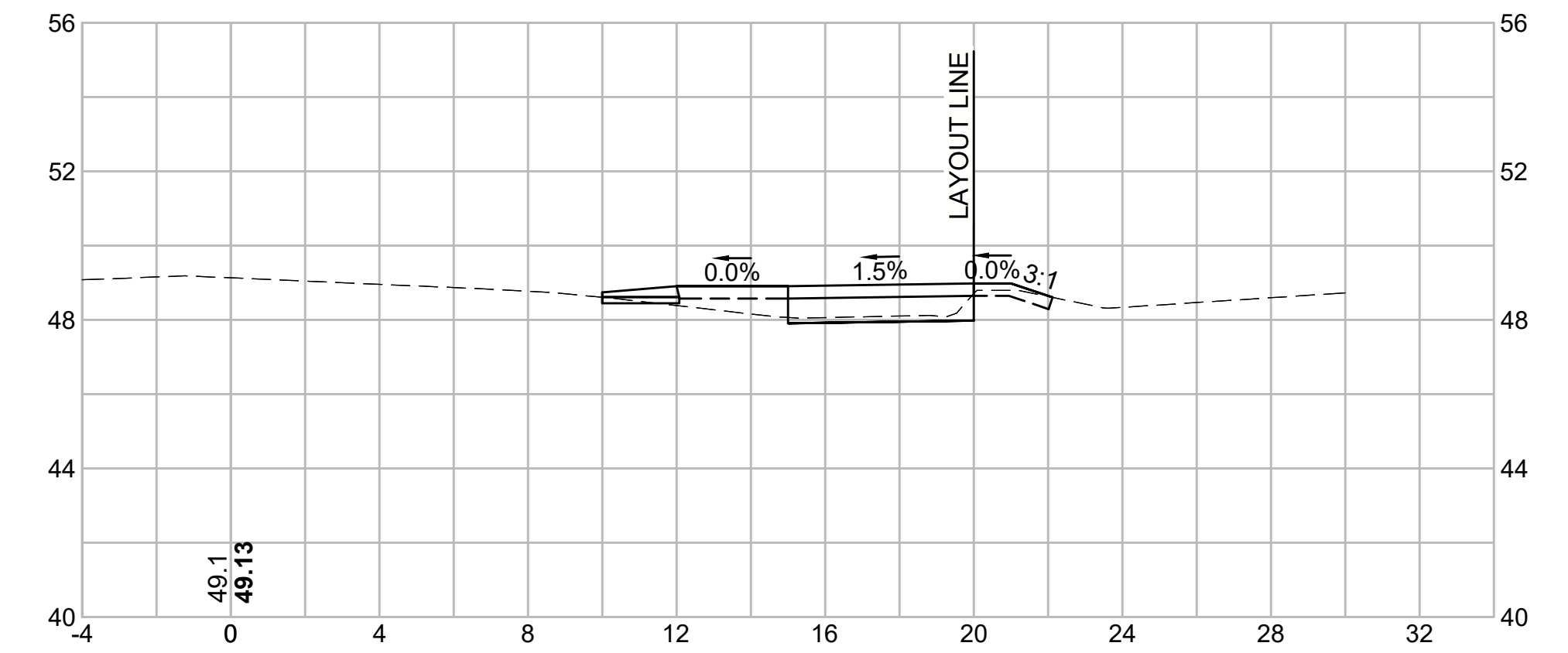
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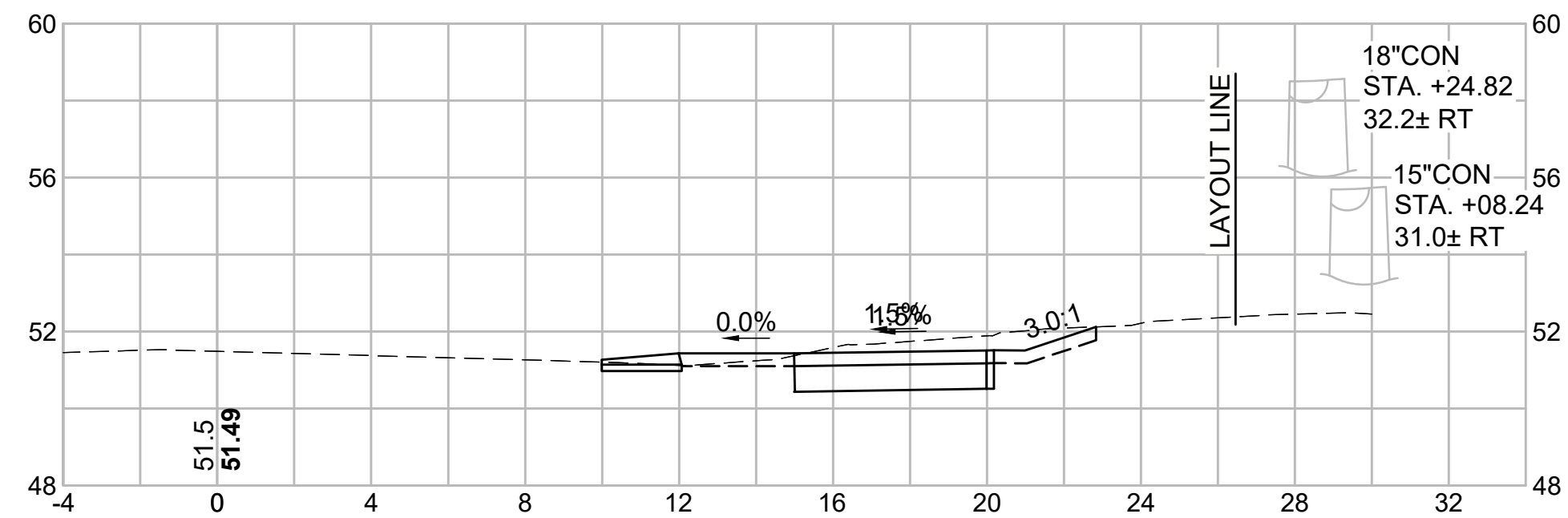
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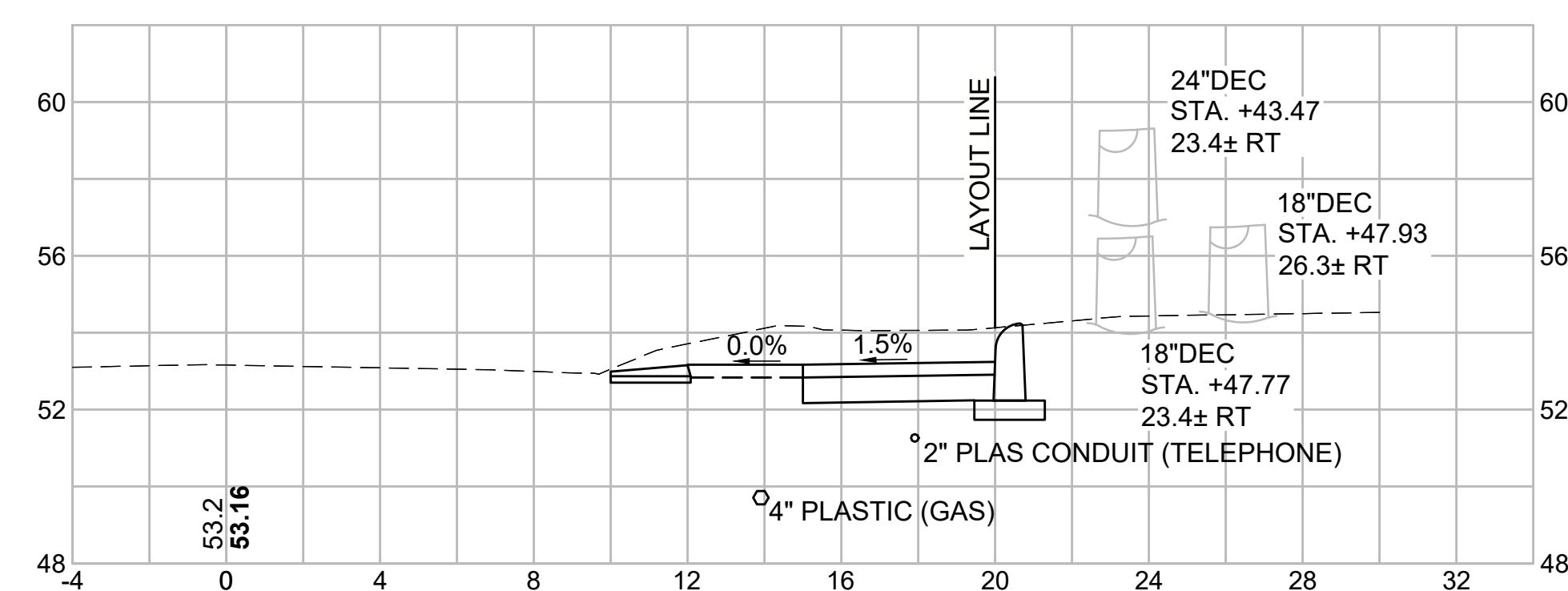
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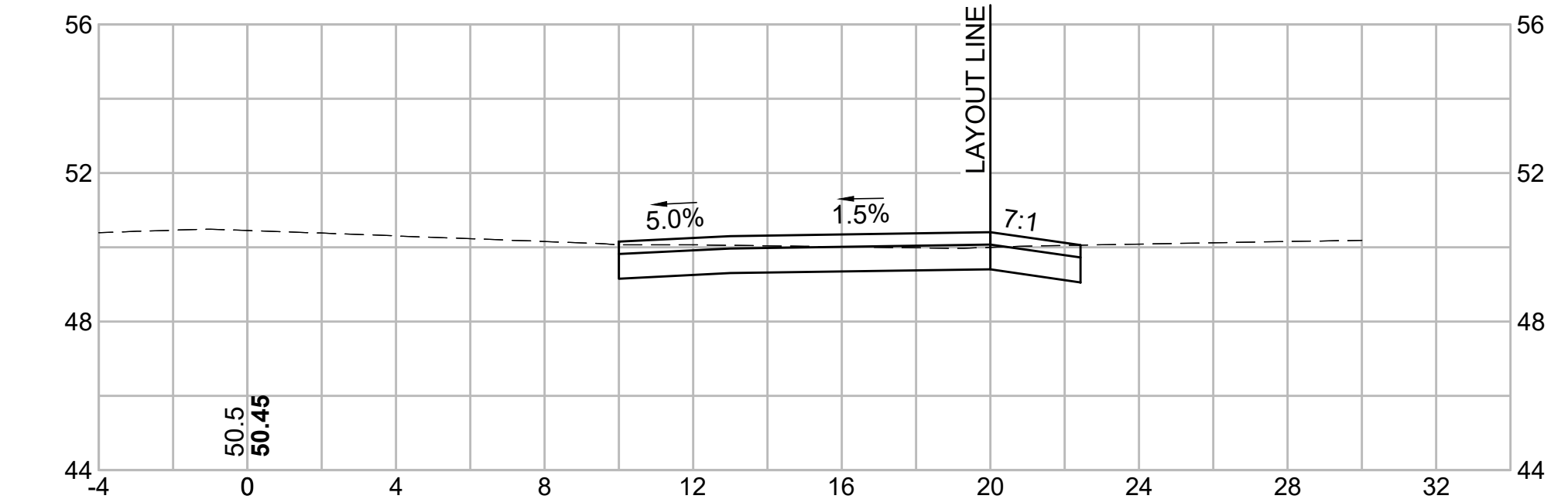
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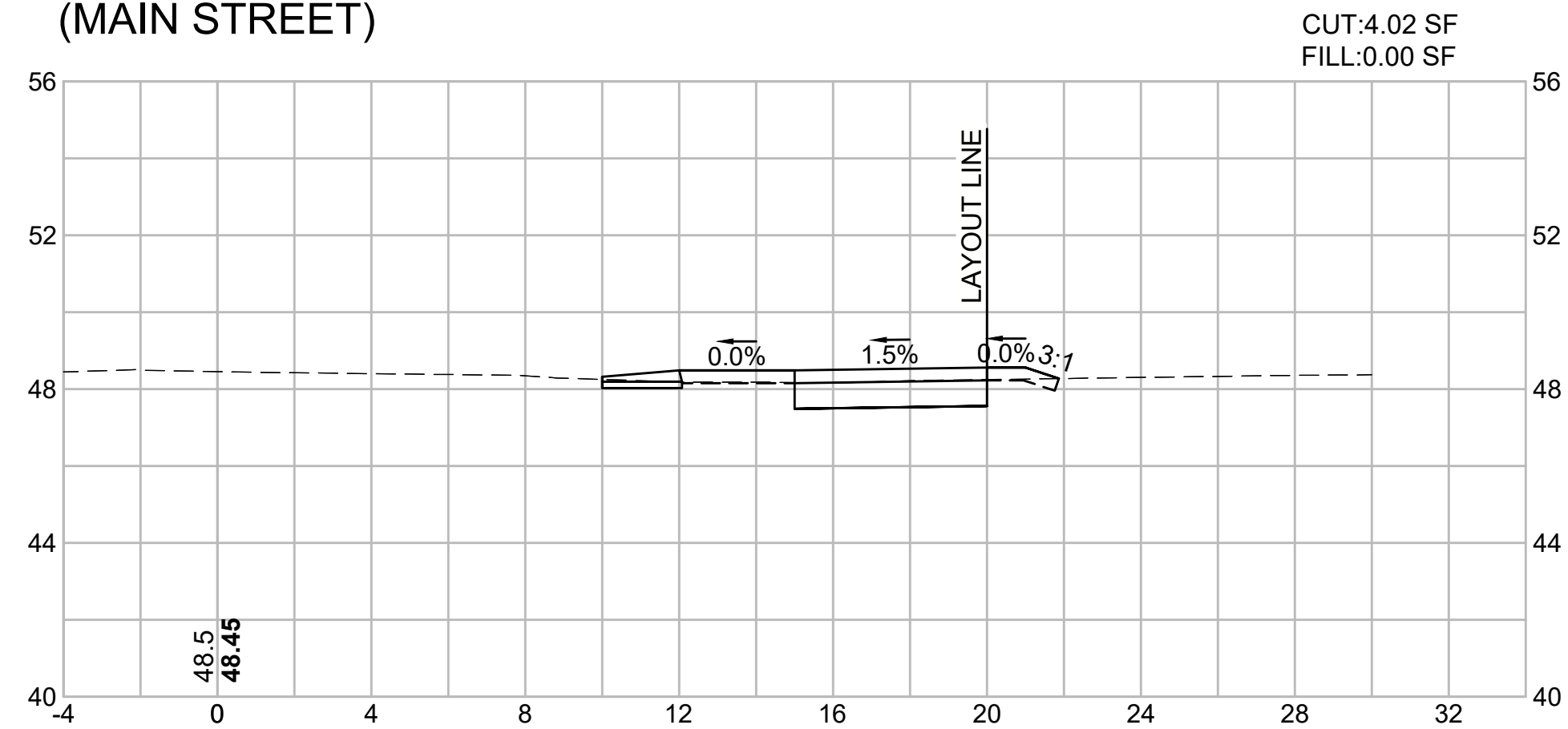
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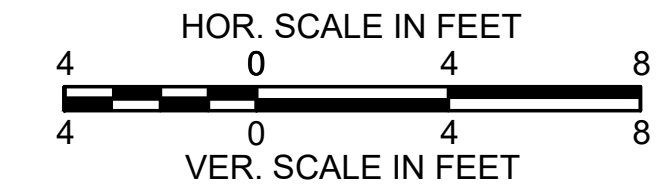
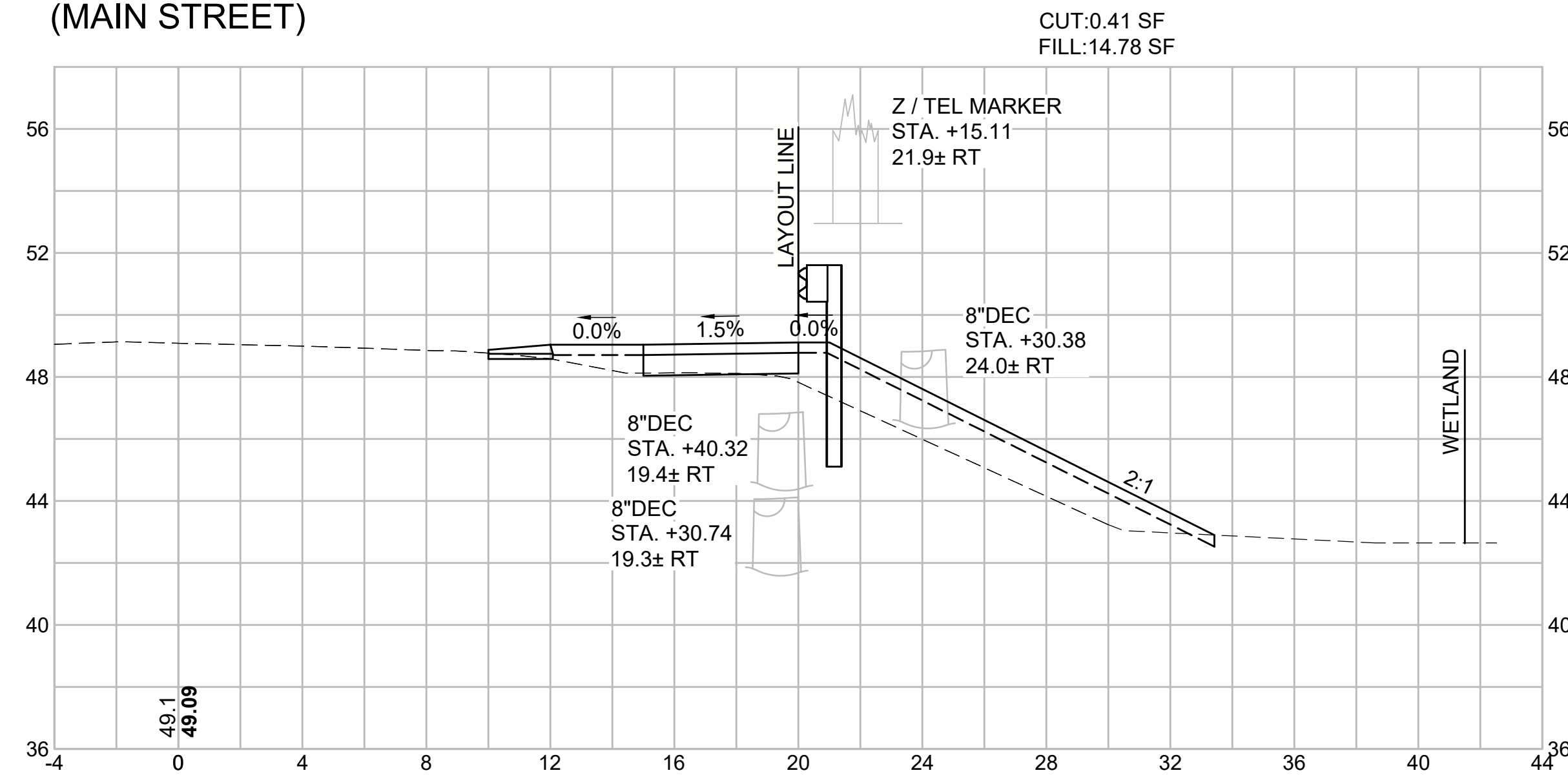
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(MAIN STREET)



205+50
(MAIN STREET)



207+00
(MAIN STREET)

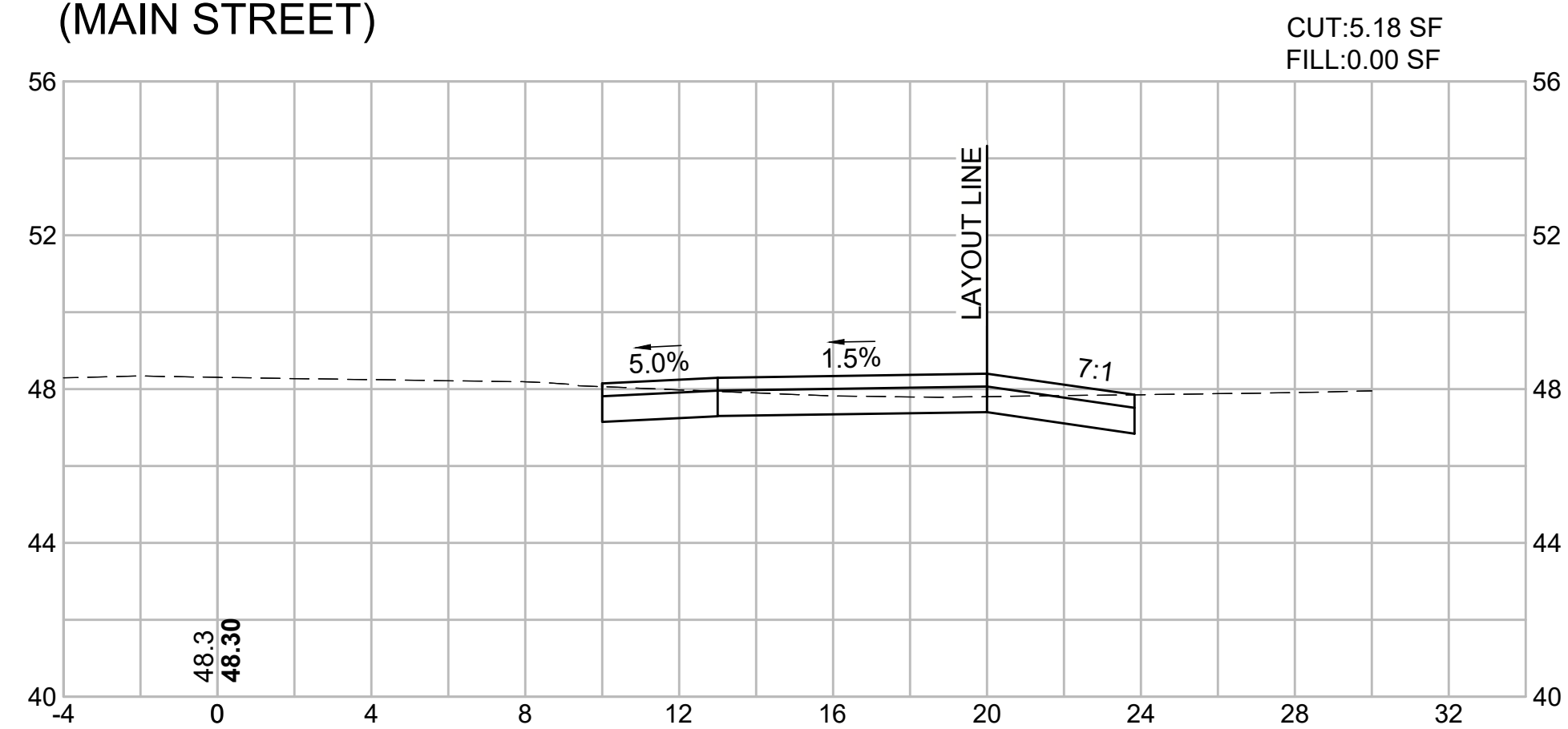


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

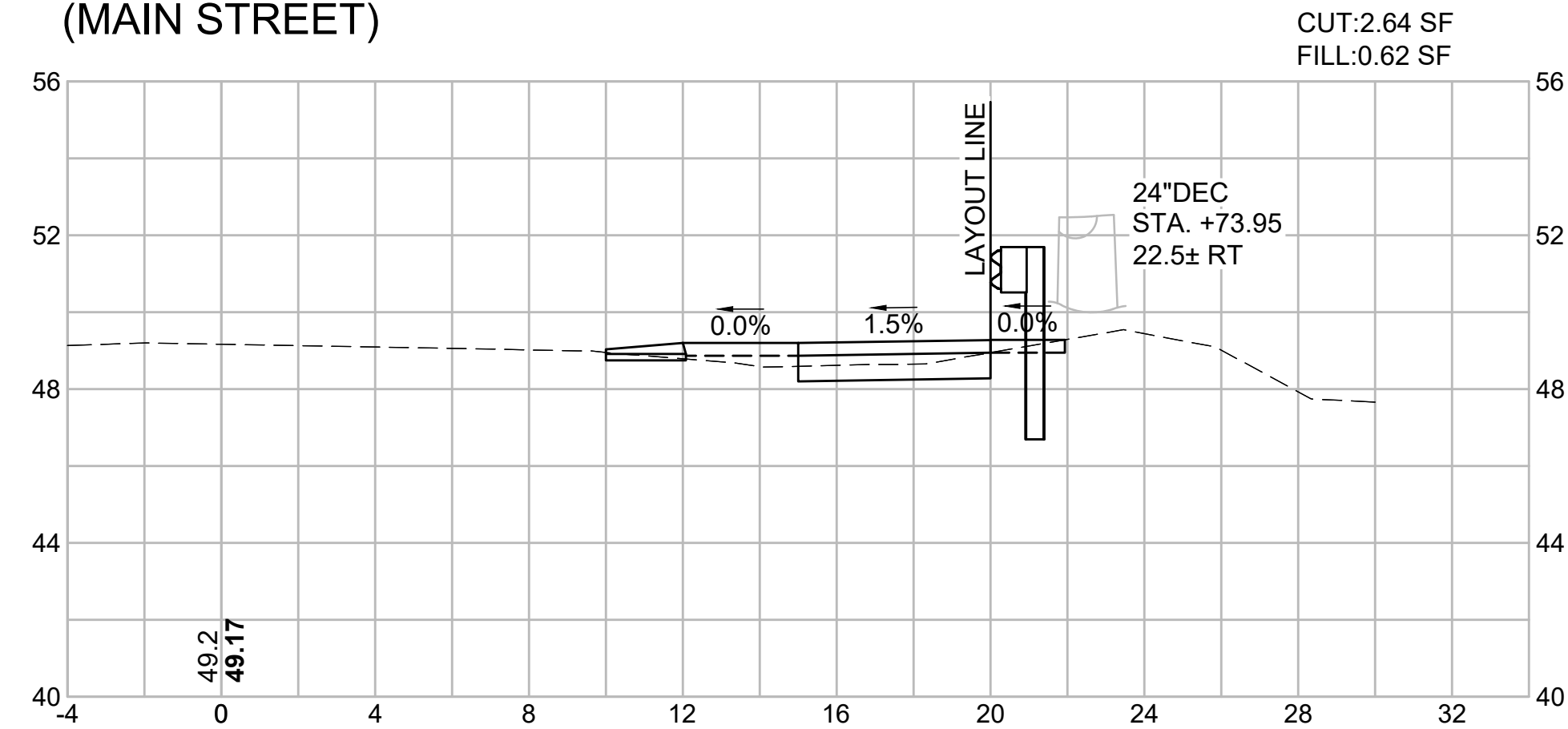
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	60	71
PROJECT FILE NO. 610670			

CROSS SECTIONS - 5
MAIN STREET

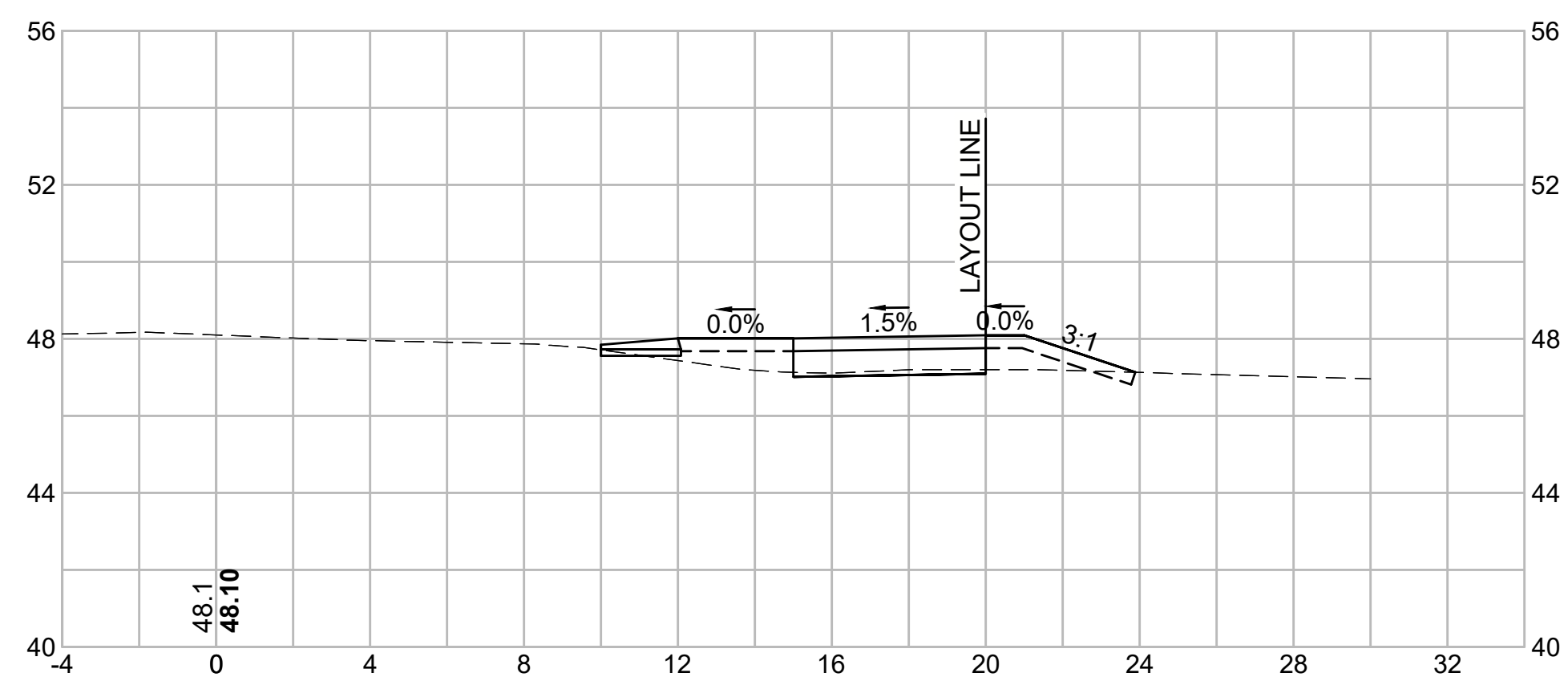
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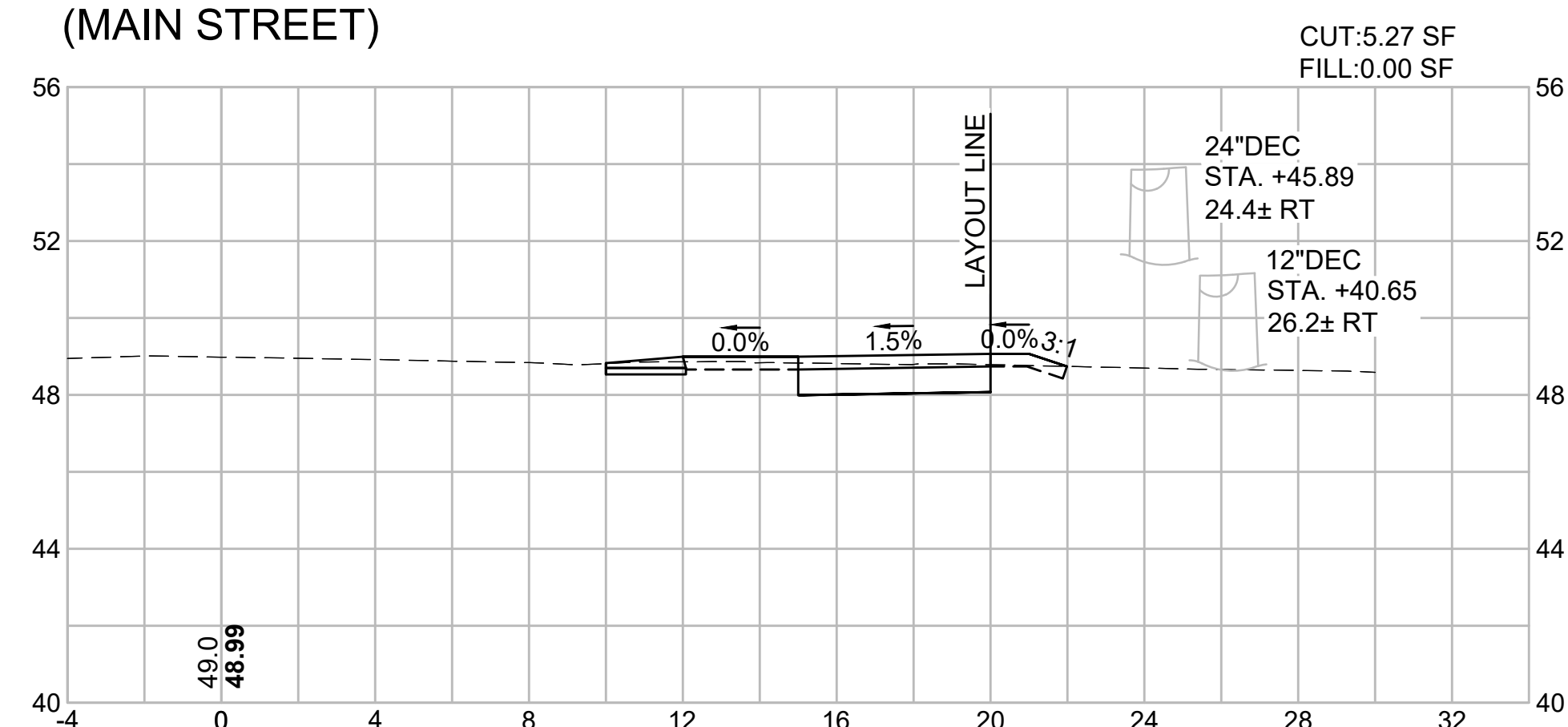
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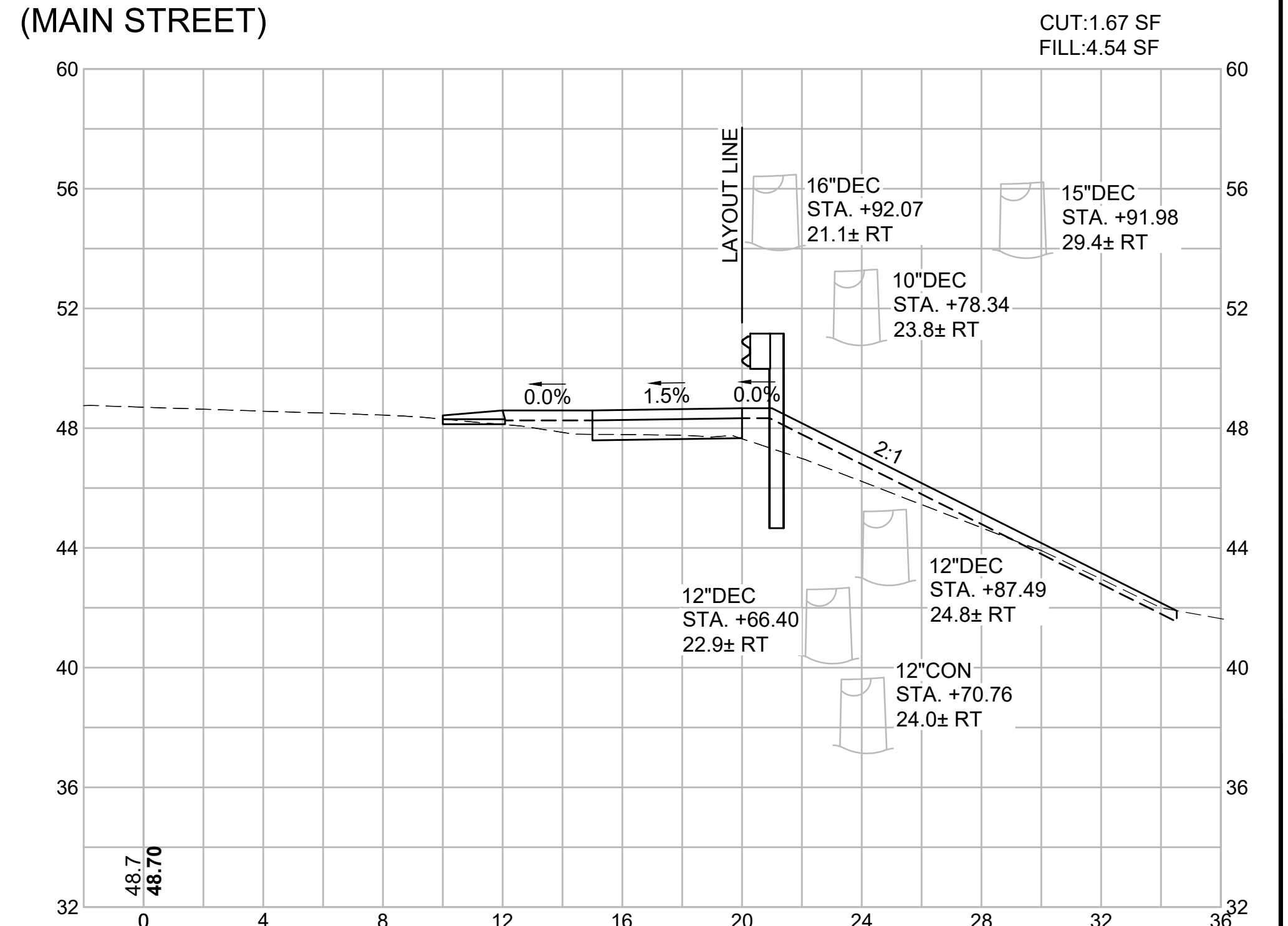
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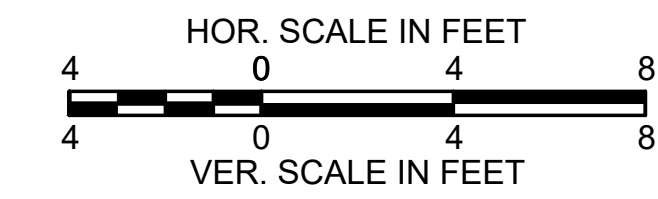
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207+50
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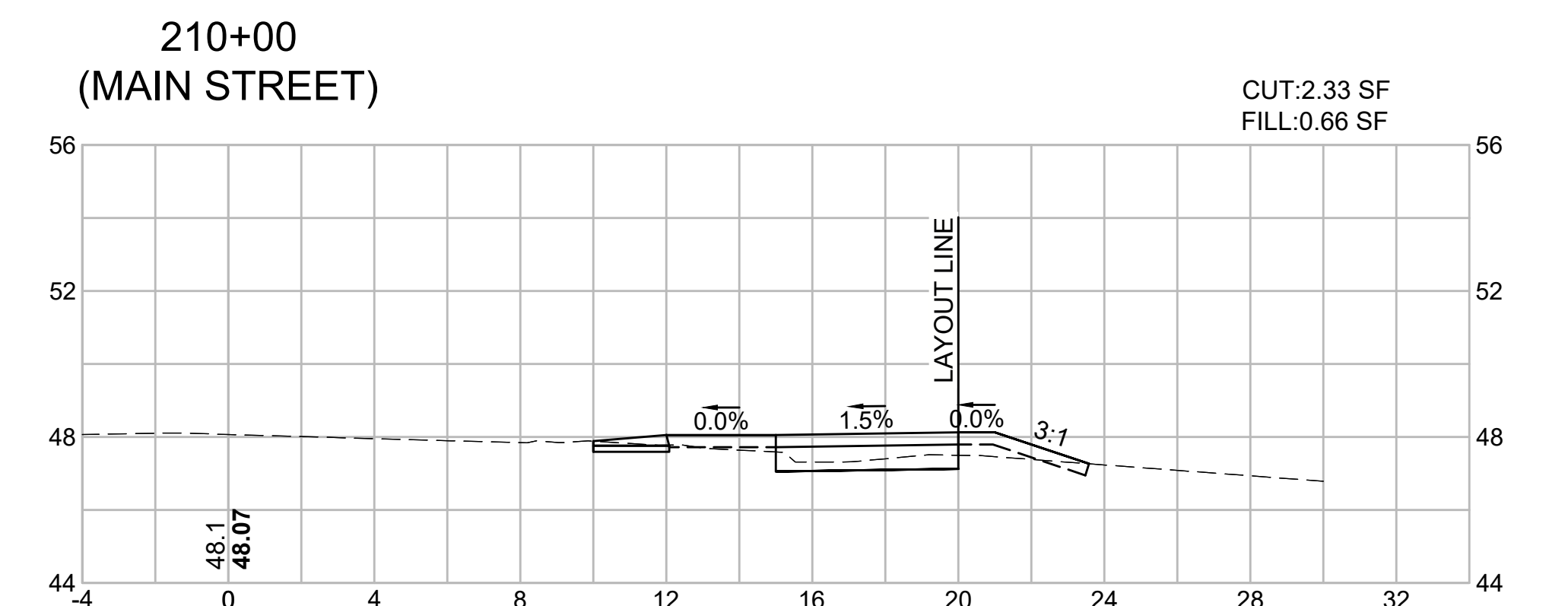
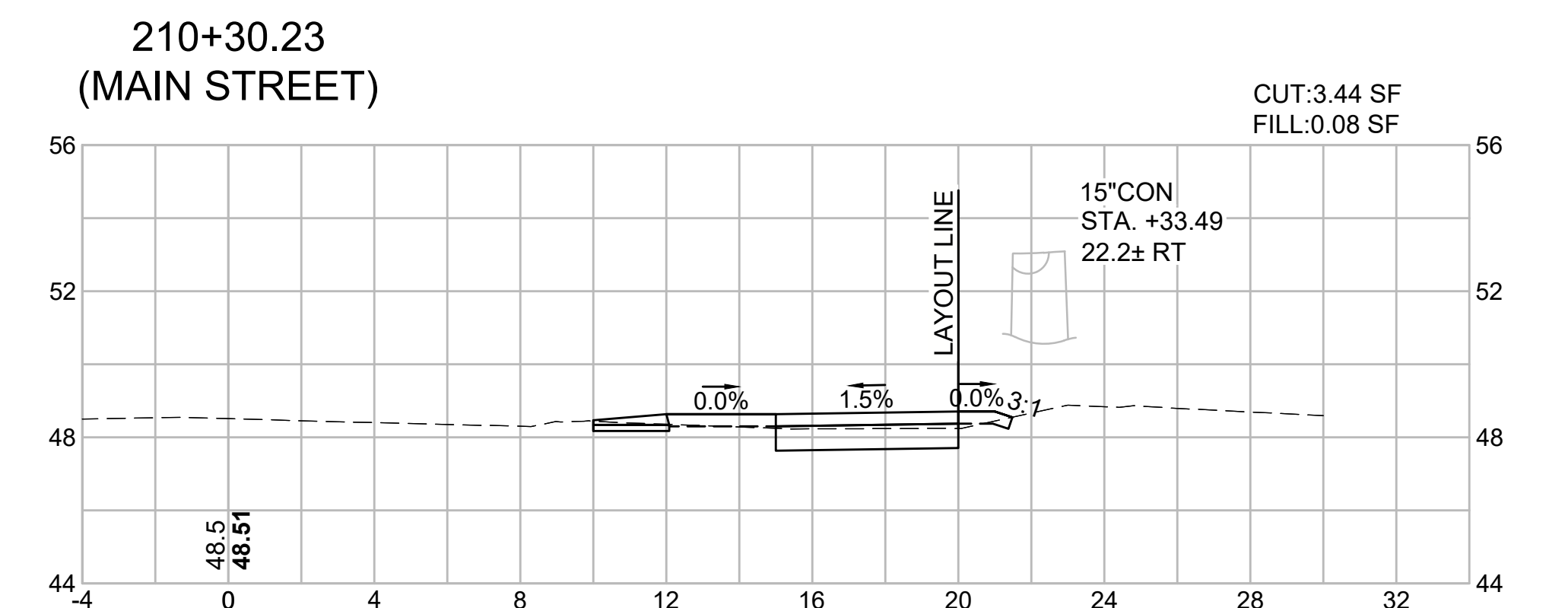
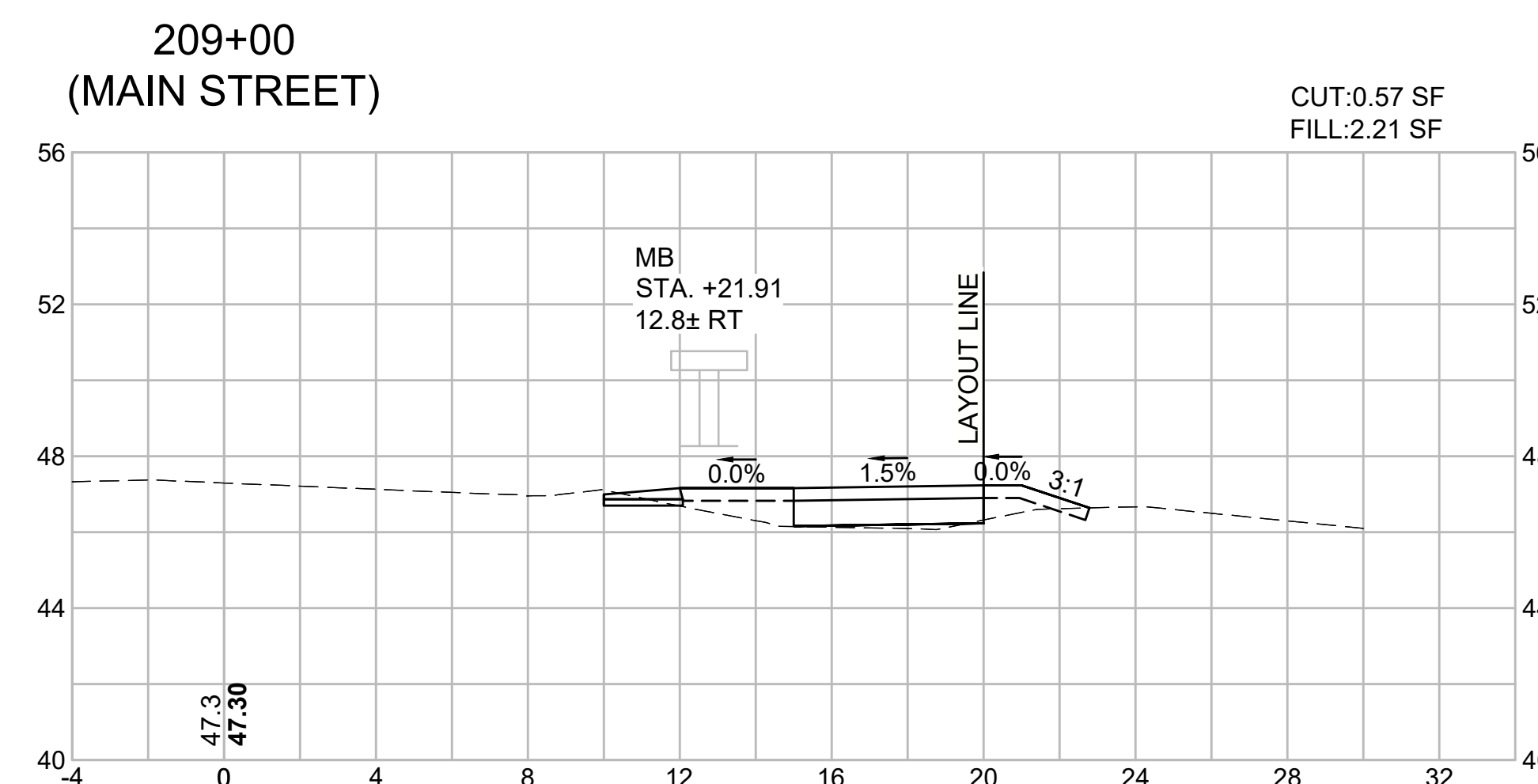
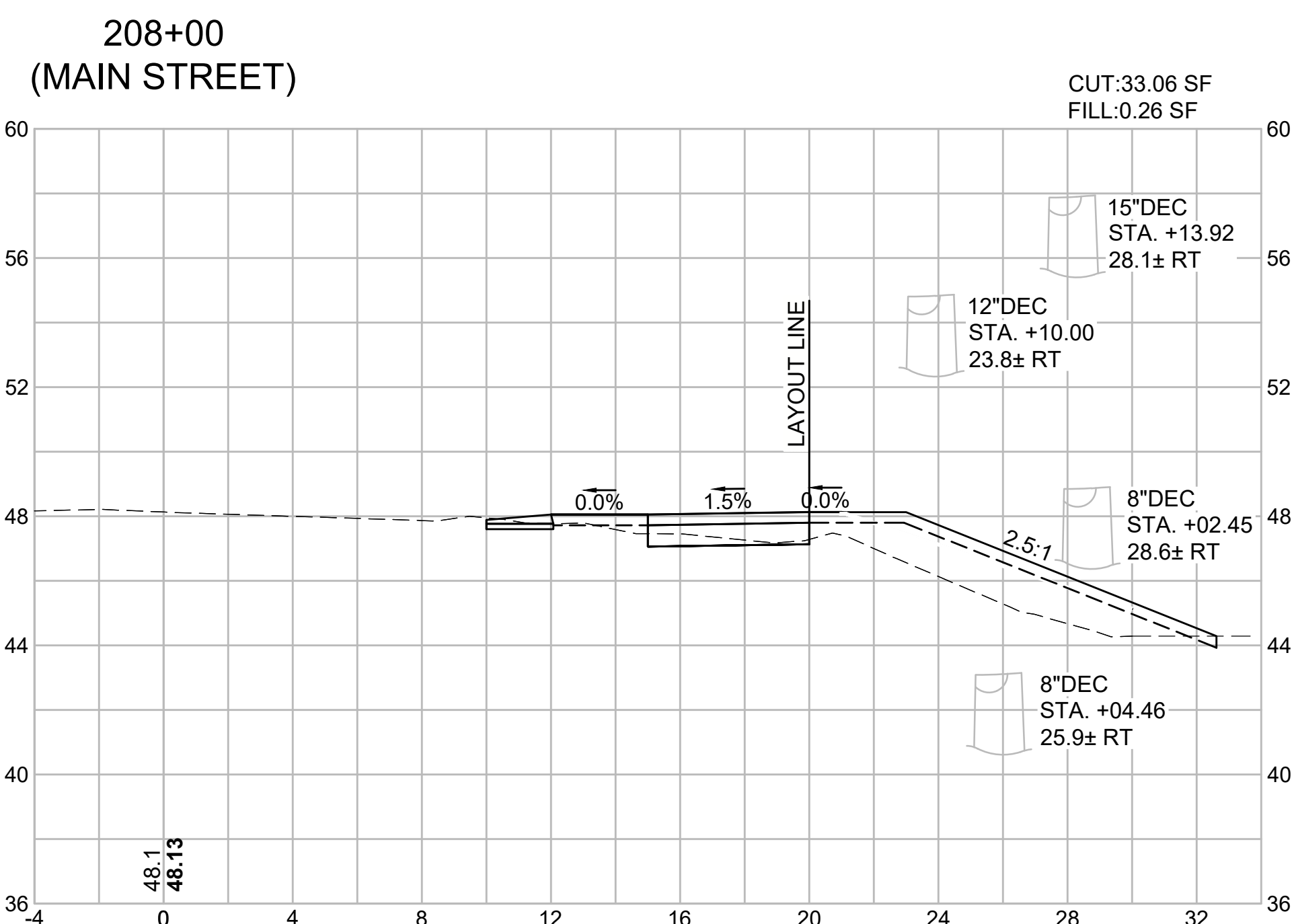
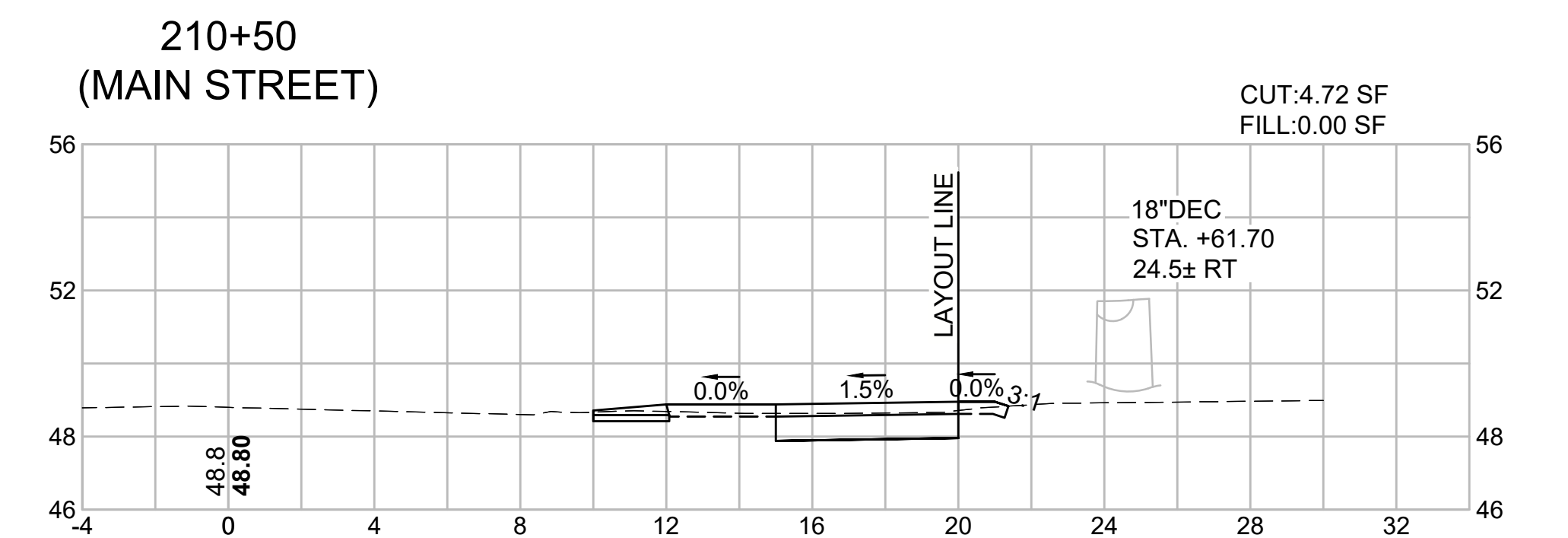
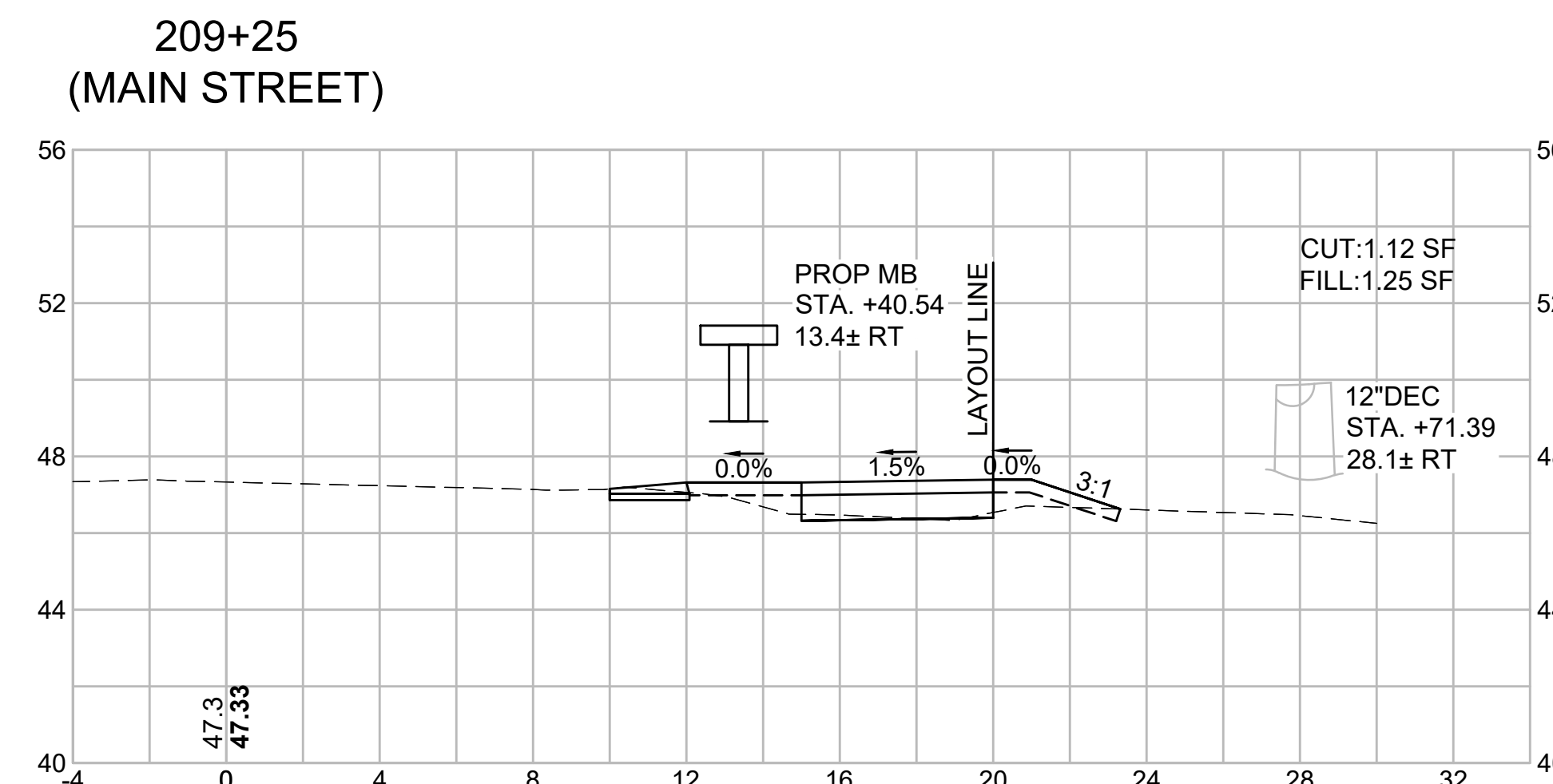
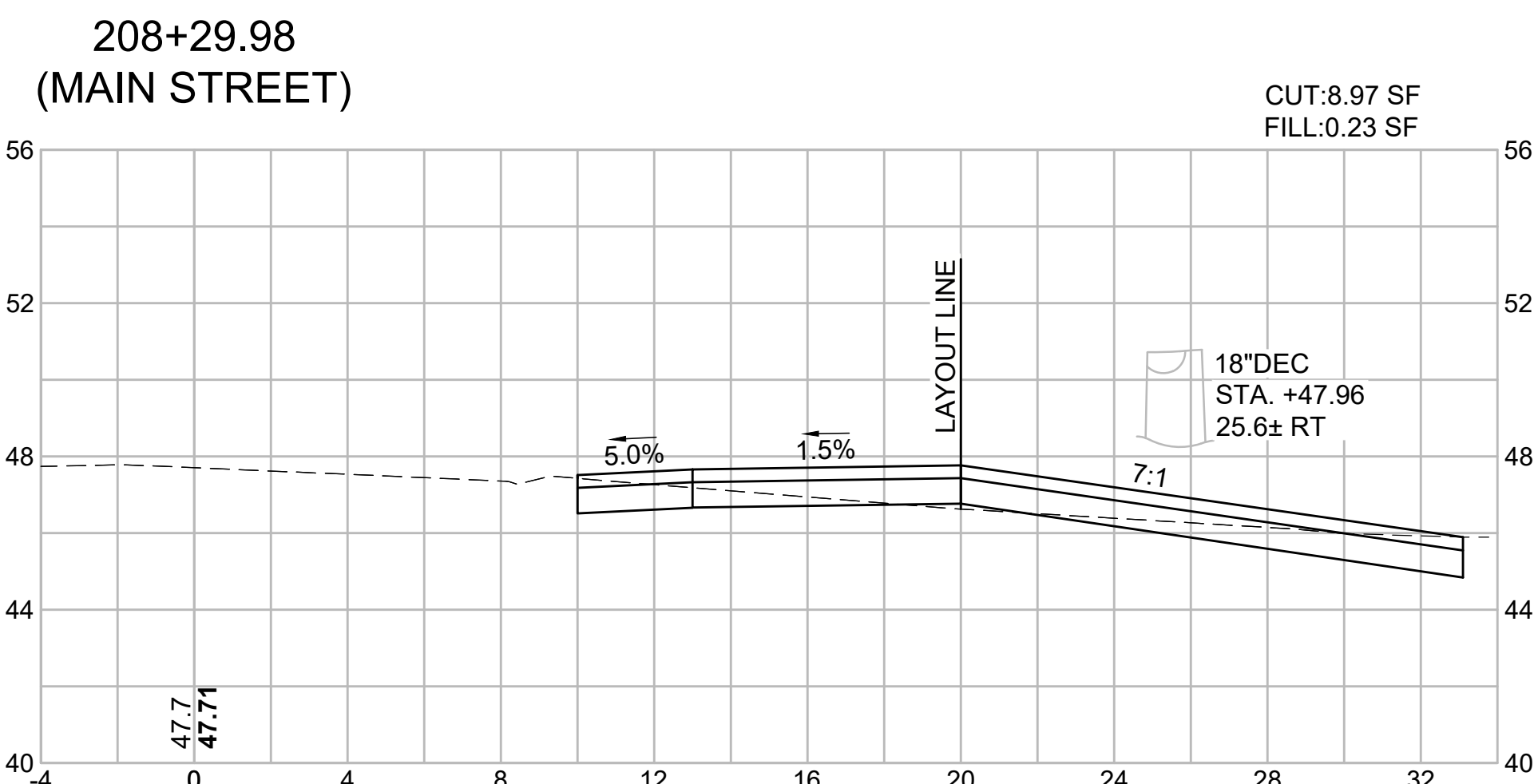
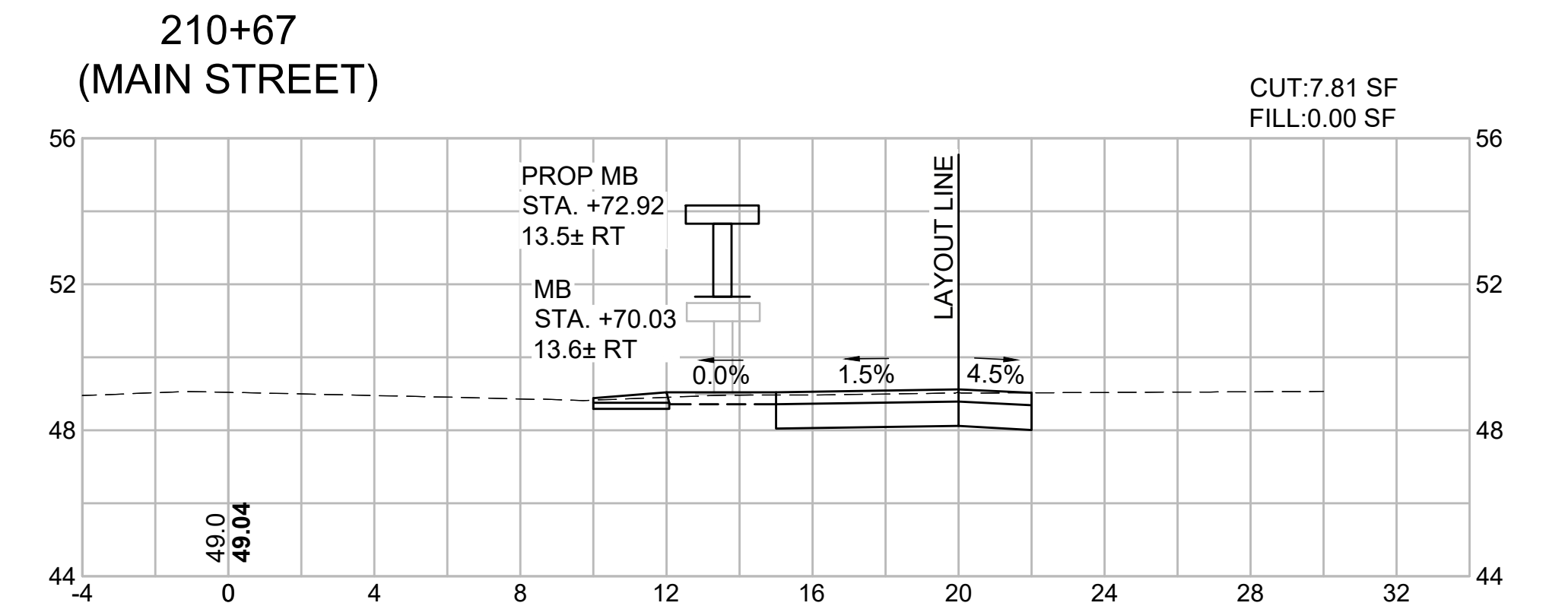
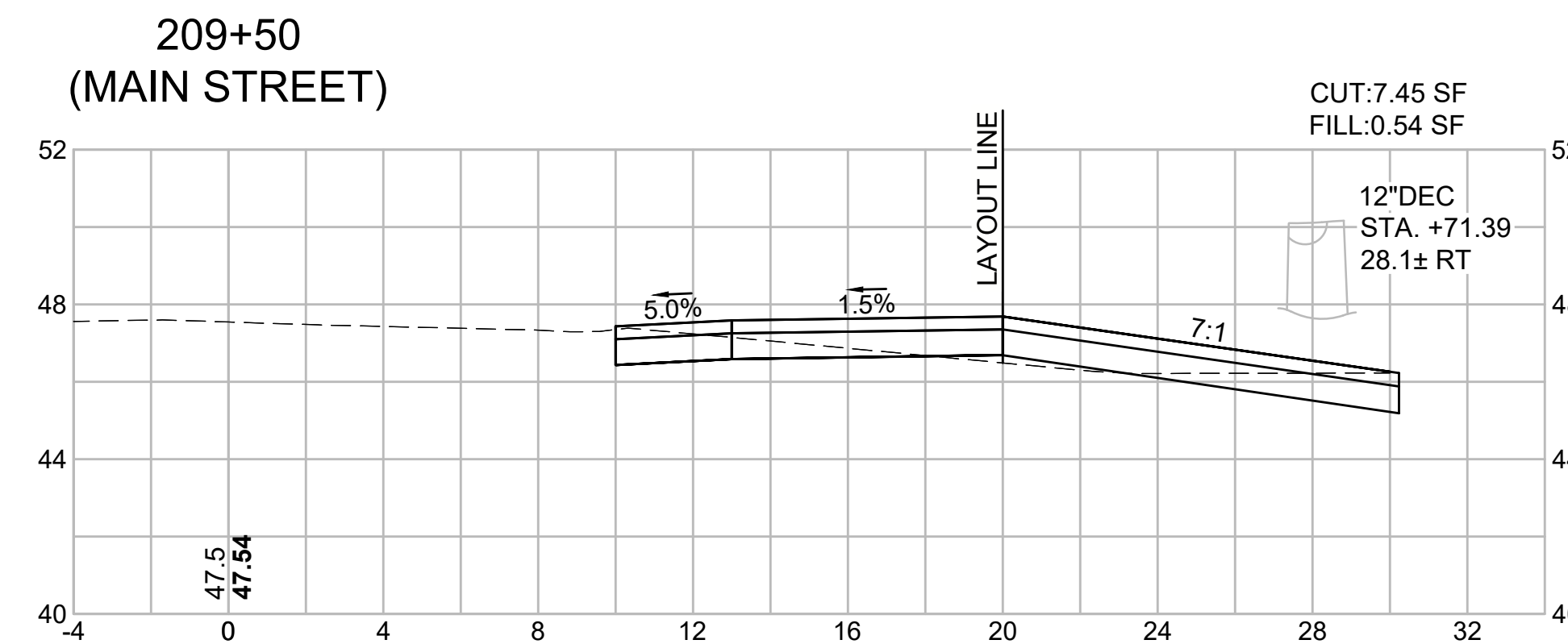
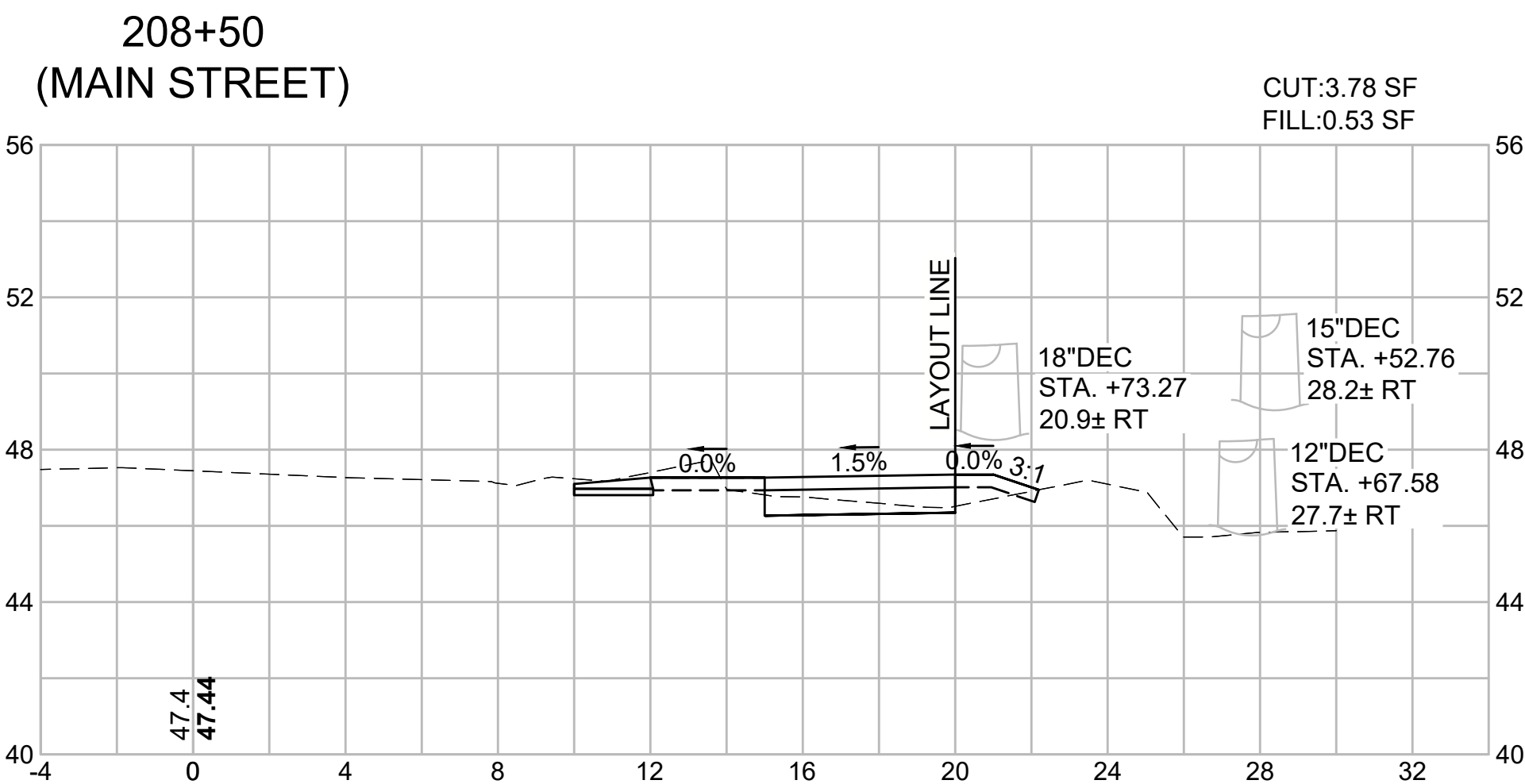


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	61	71
PROJECT FILE NO. 610670			

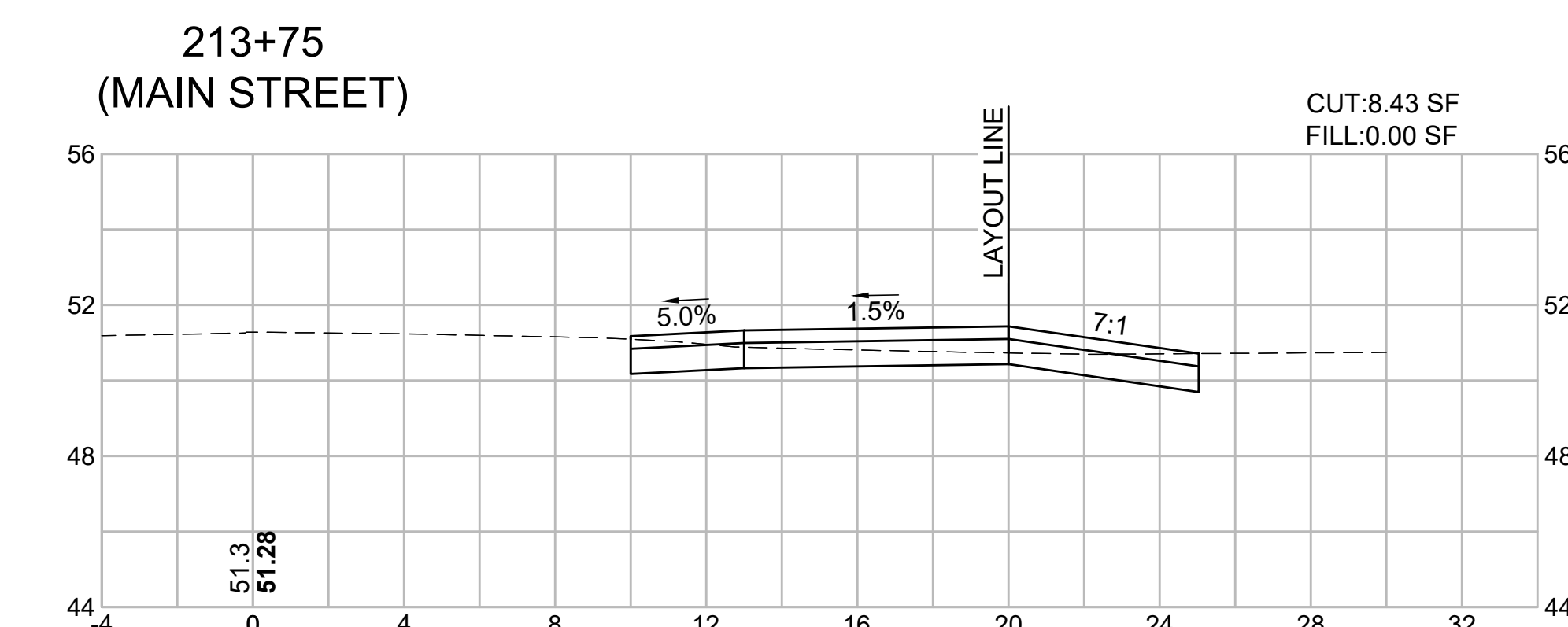
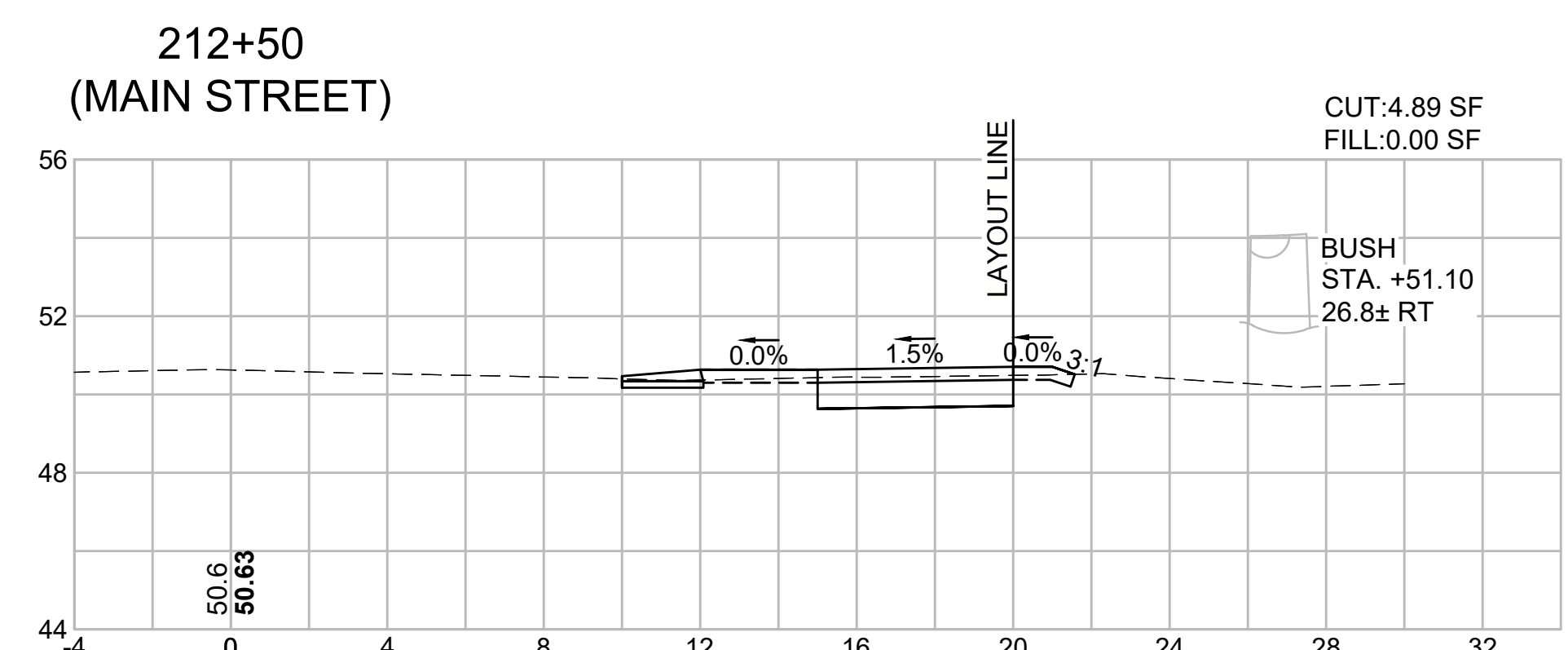
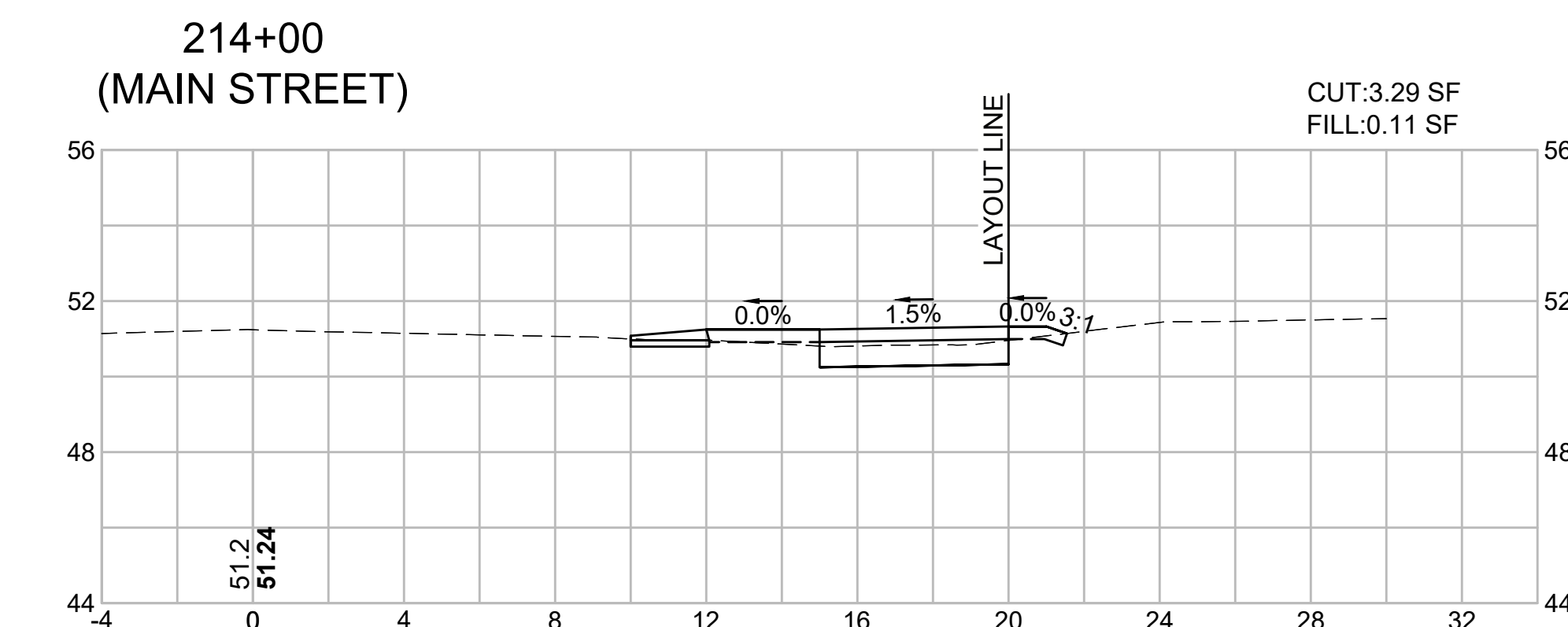
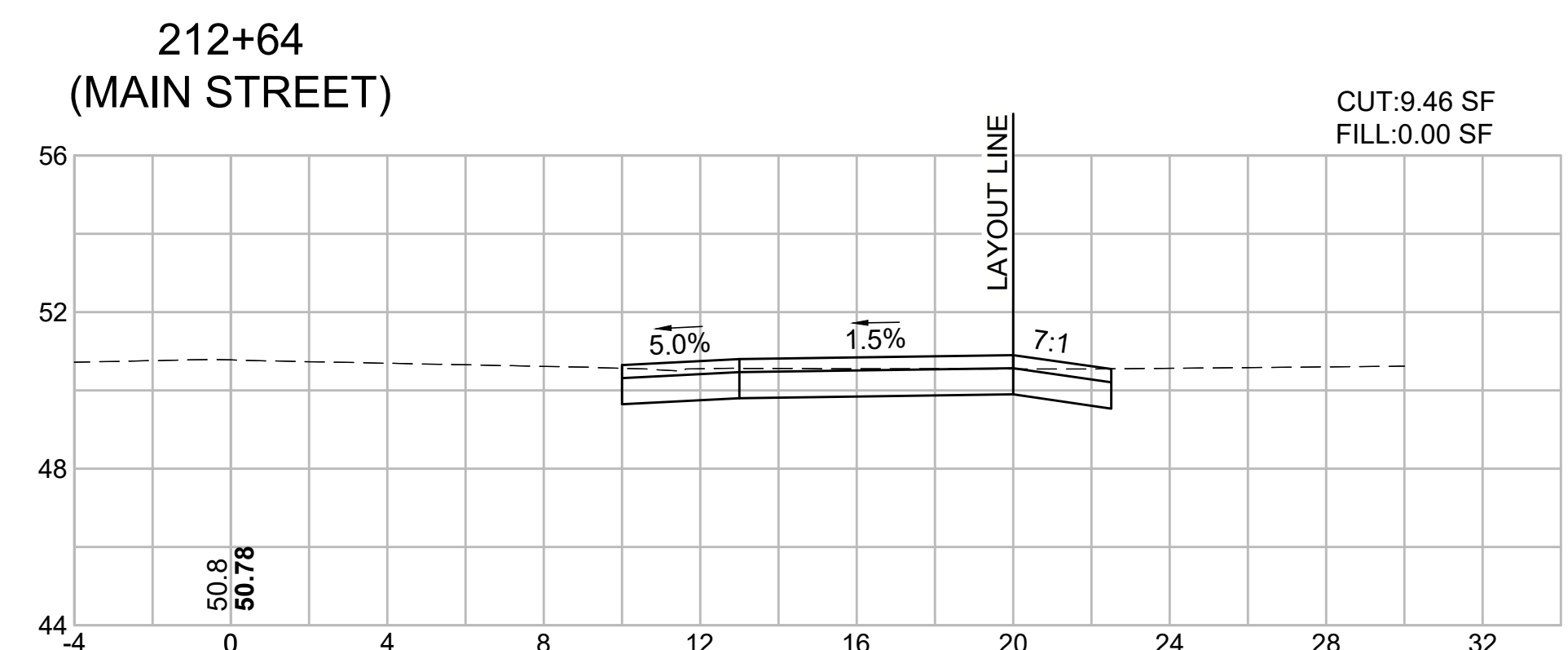
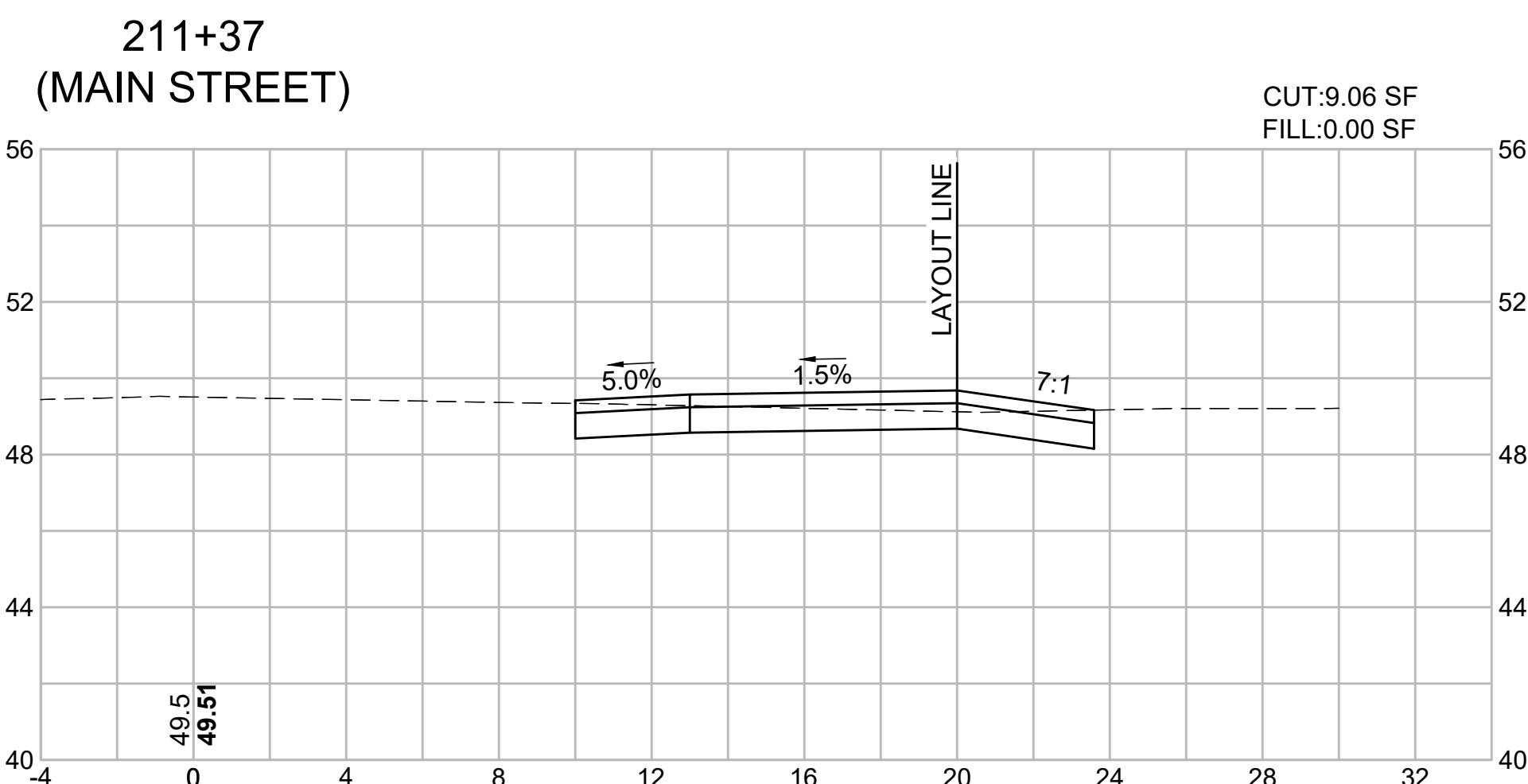
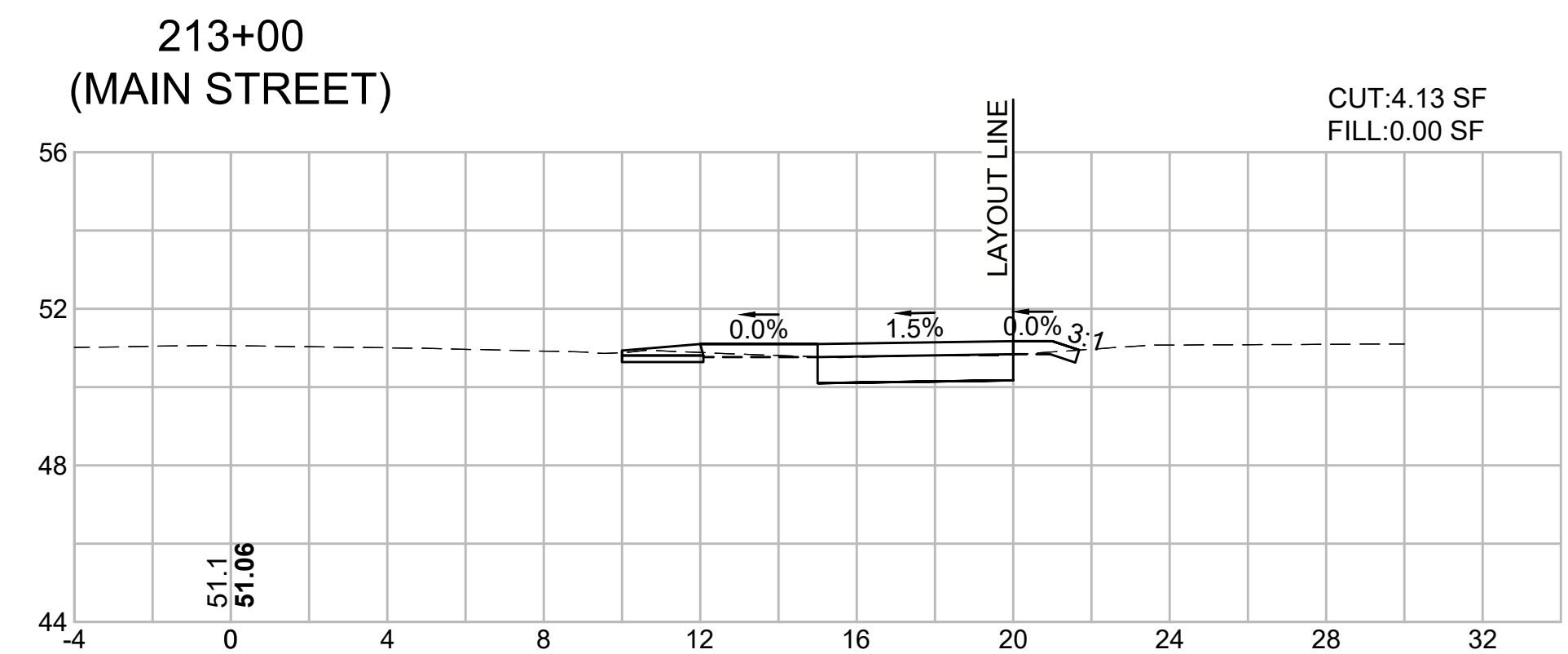
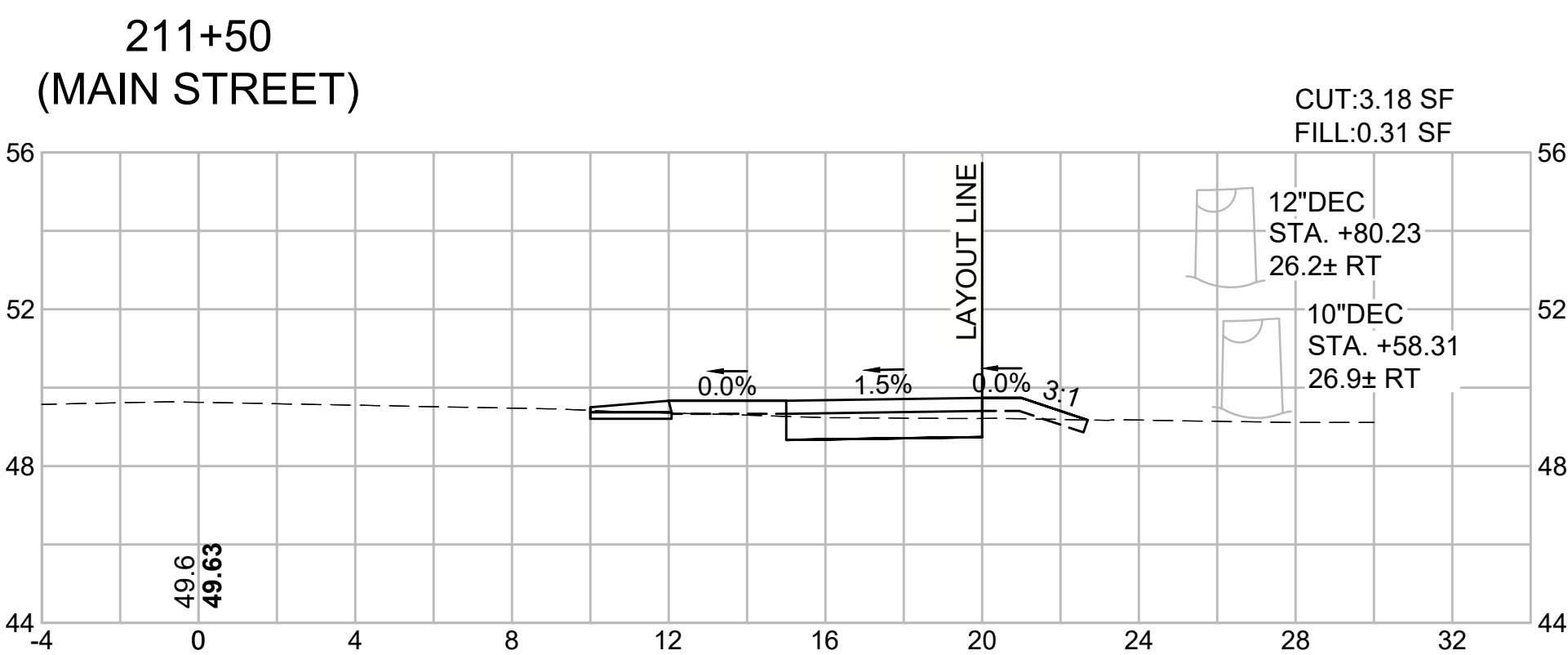
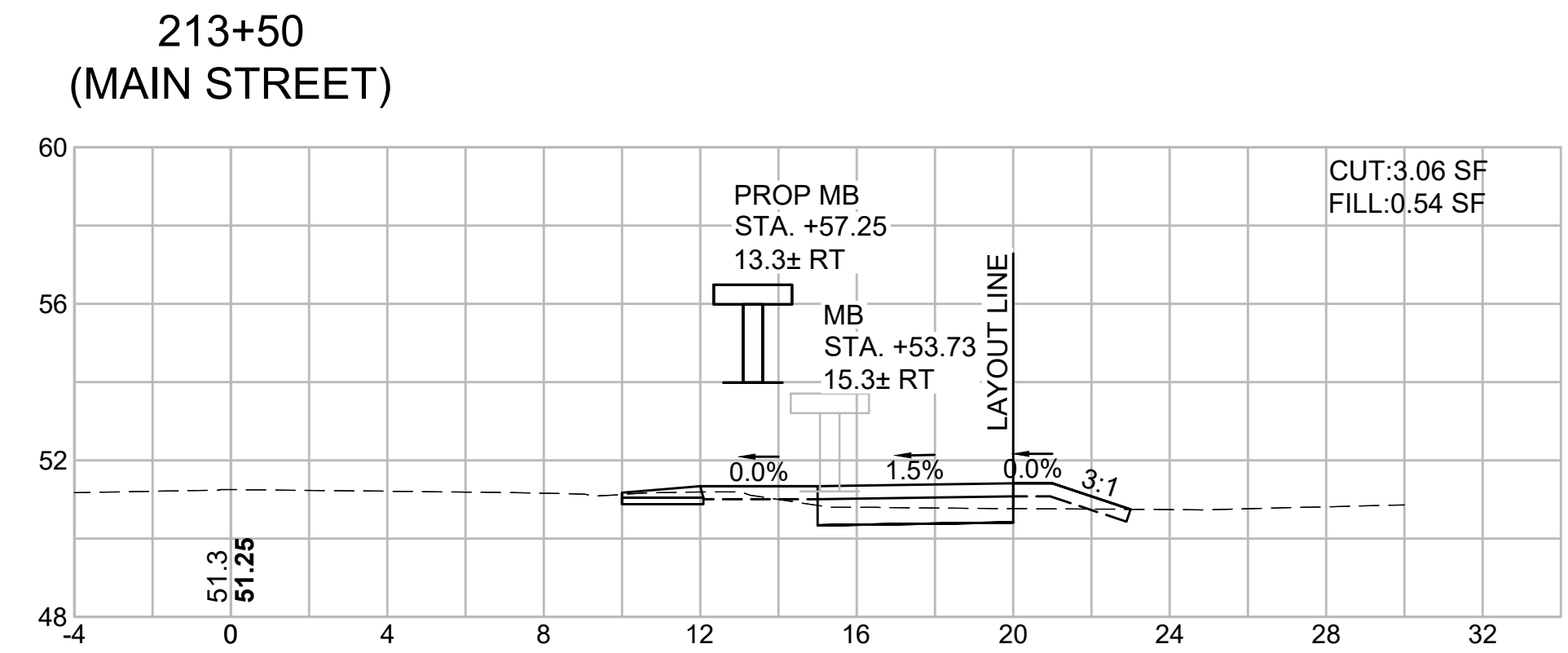
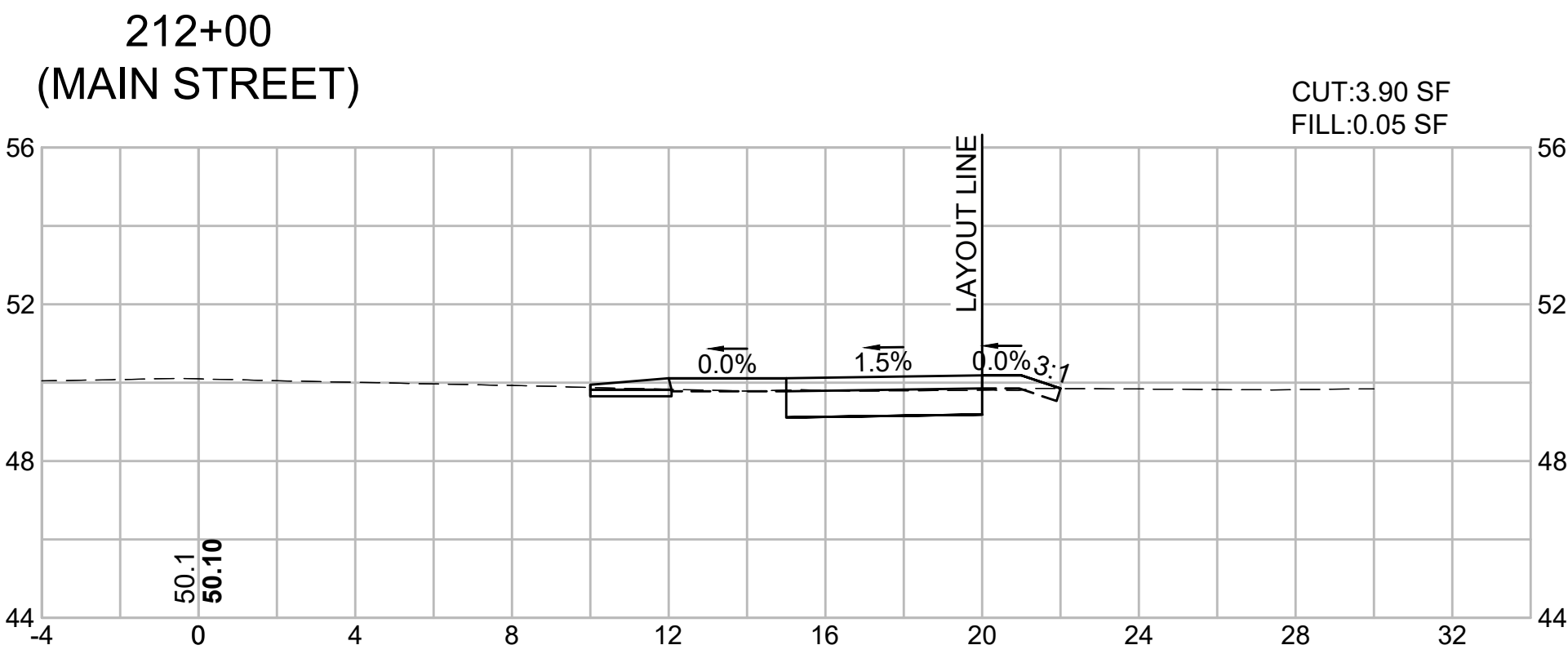
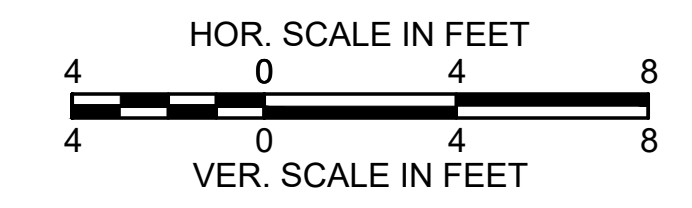
CROSS SECTIONS - 6
MAIN STREET



**HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	62	71
PROJECT FILE NO. 610670			

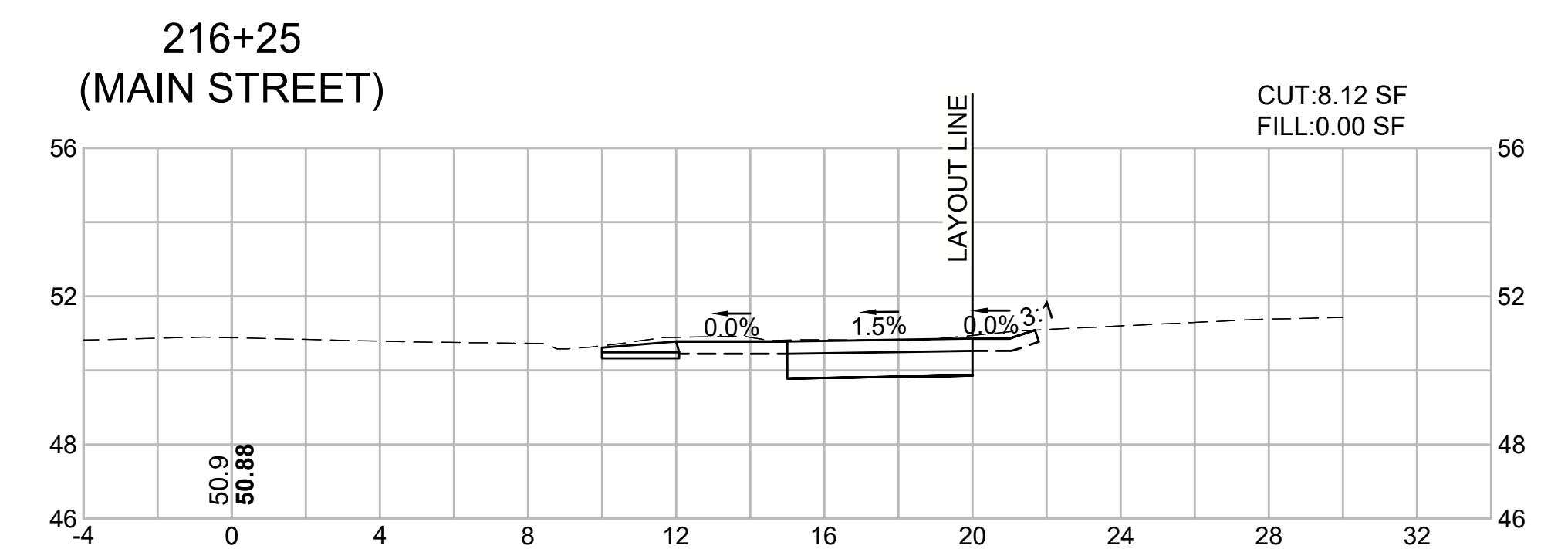
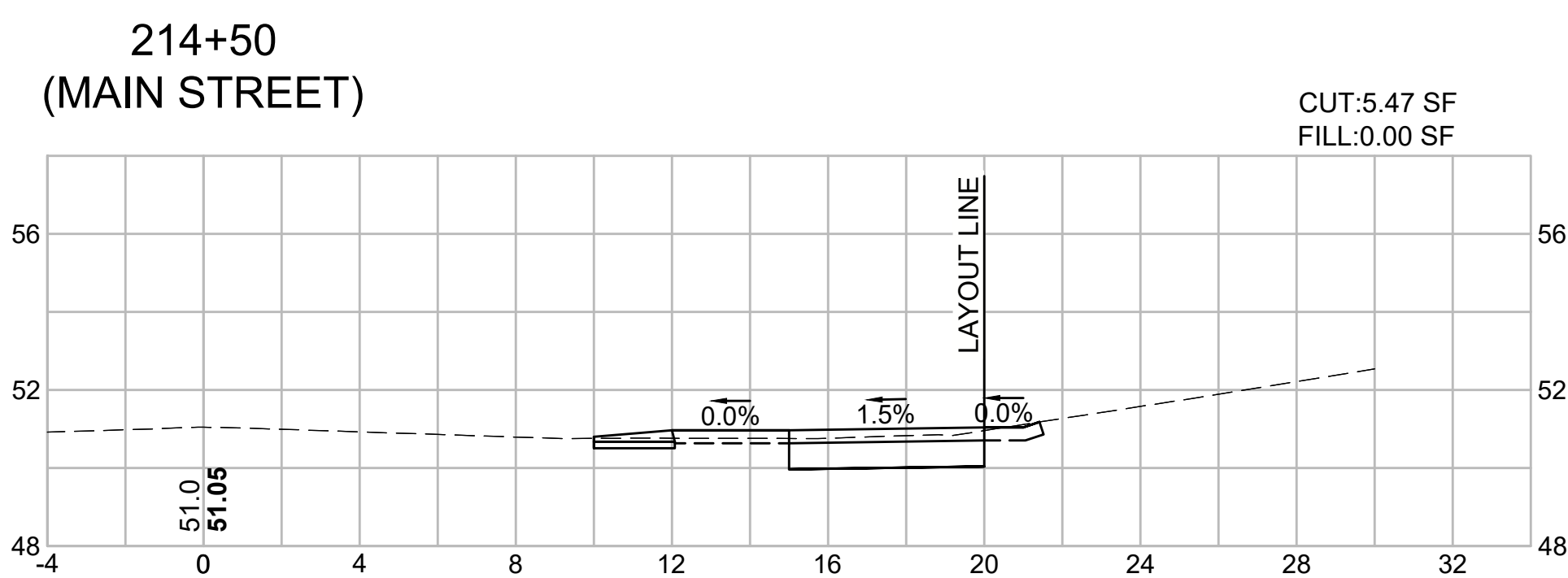
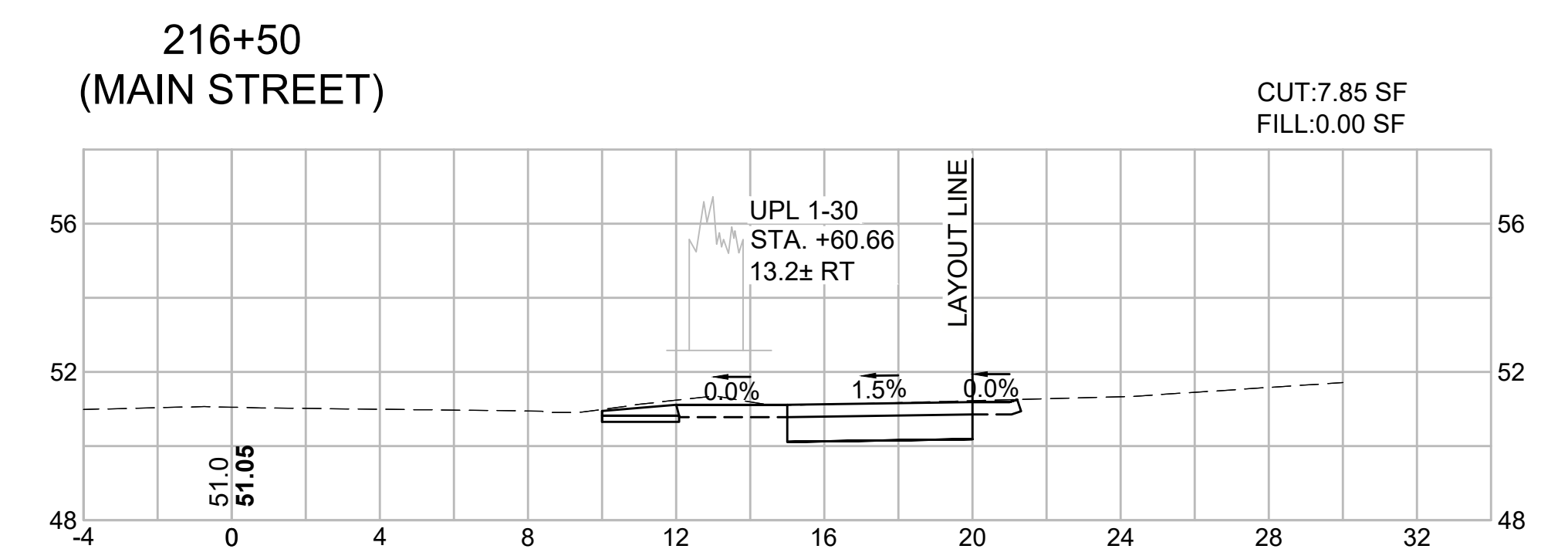
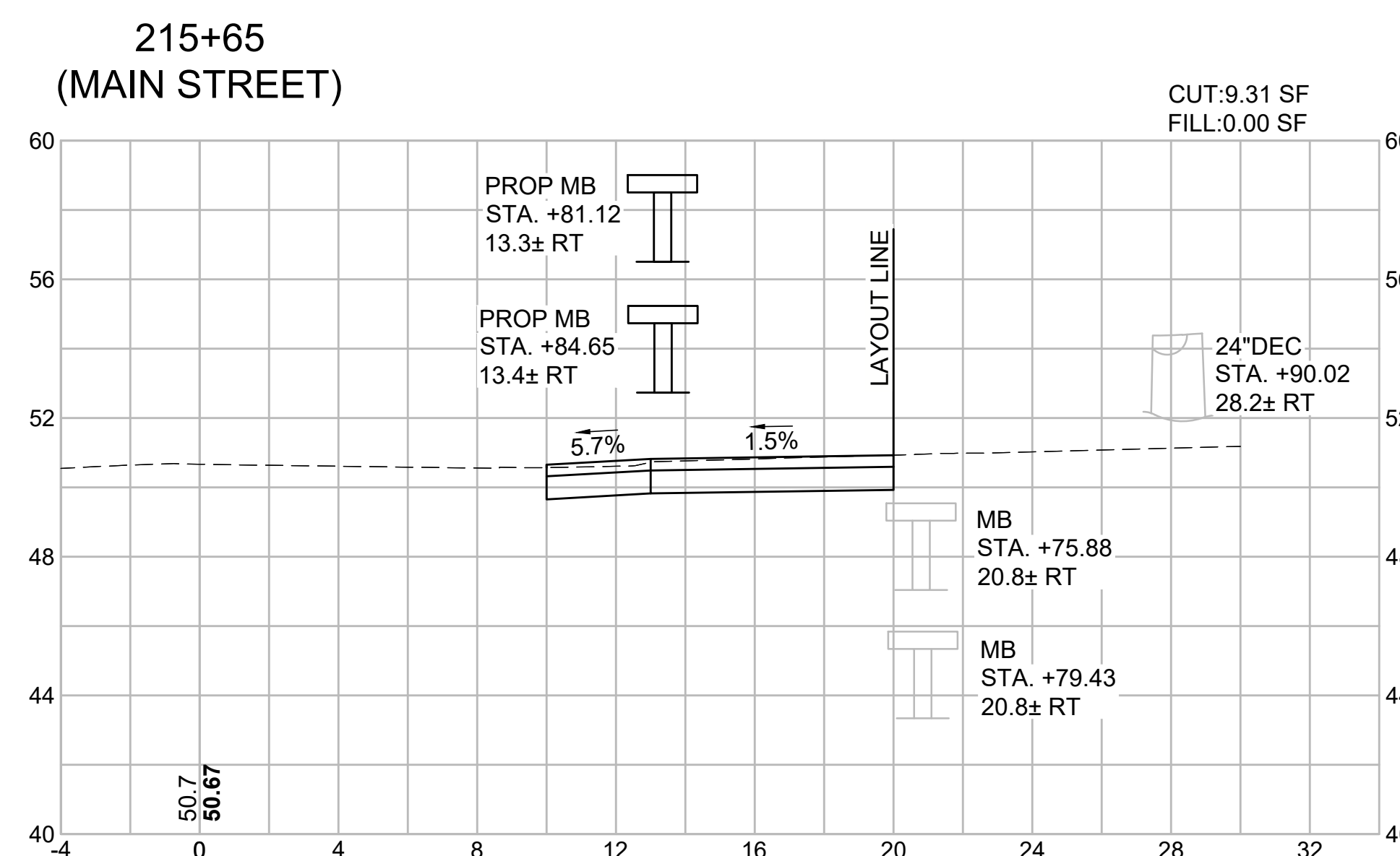
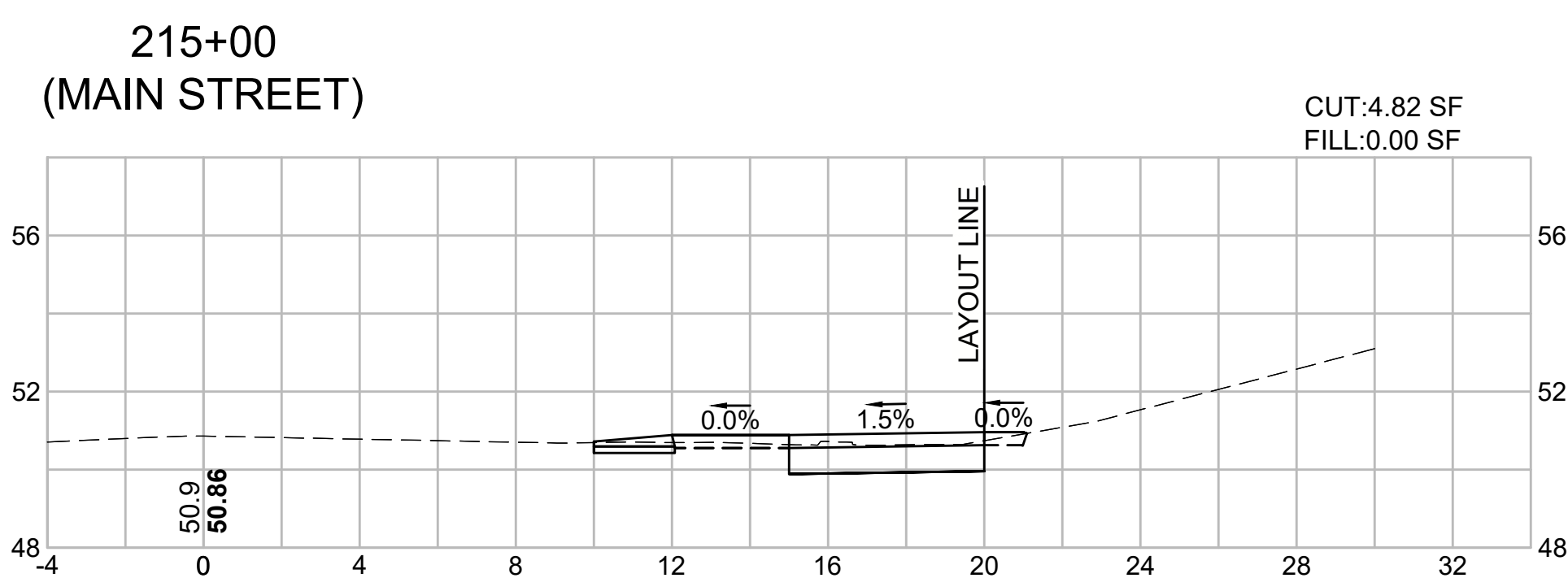
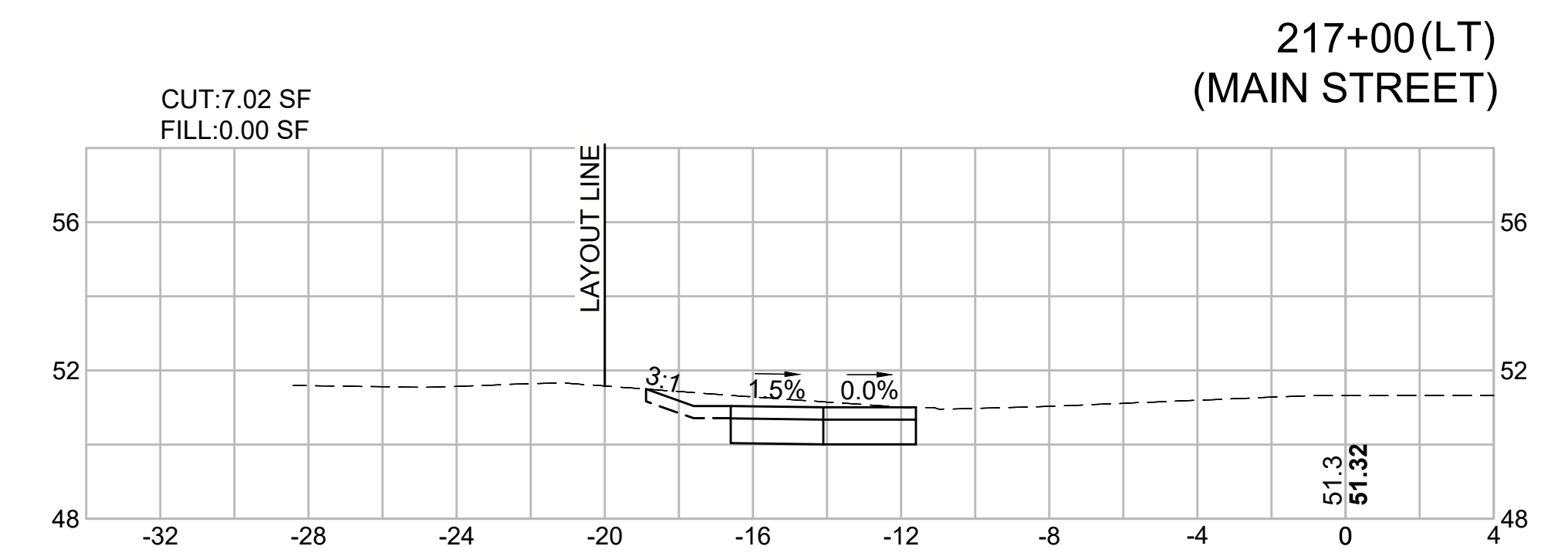
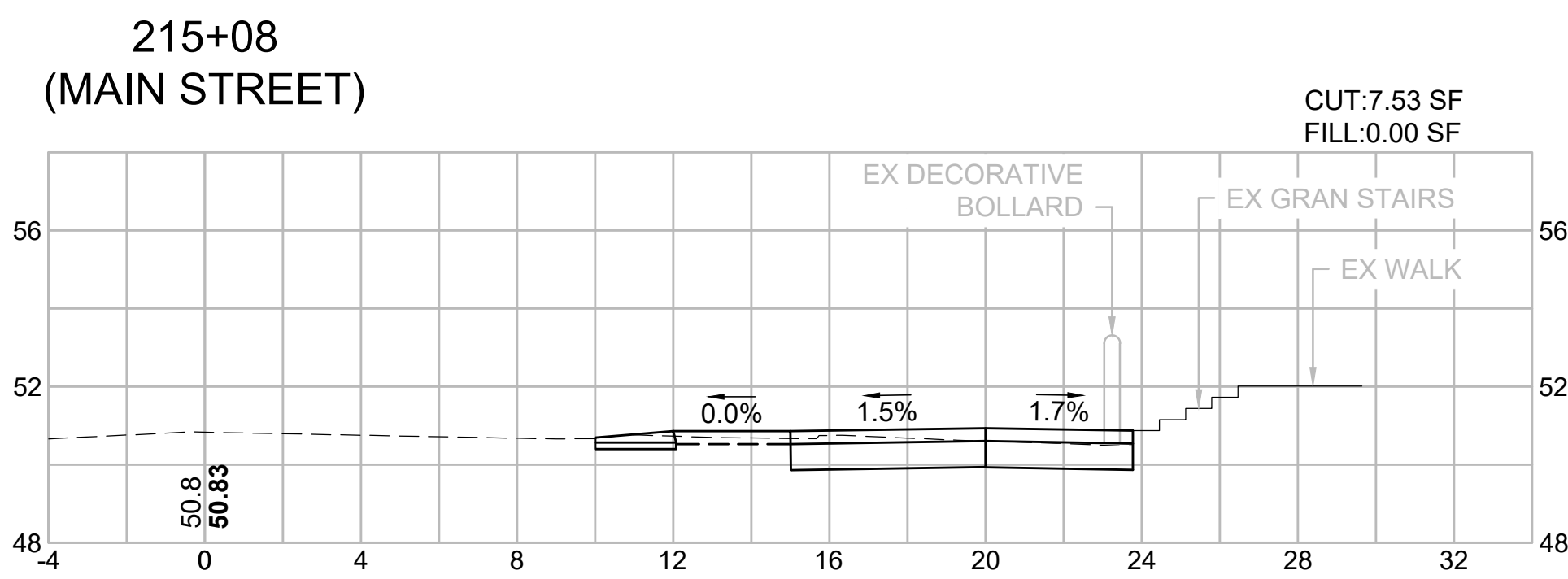
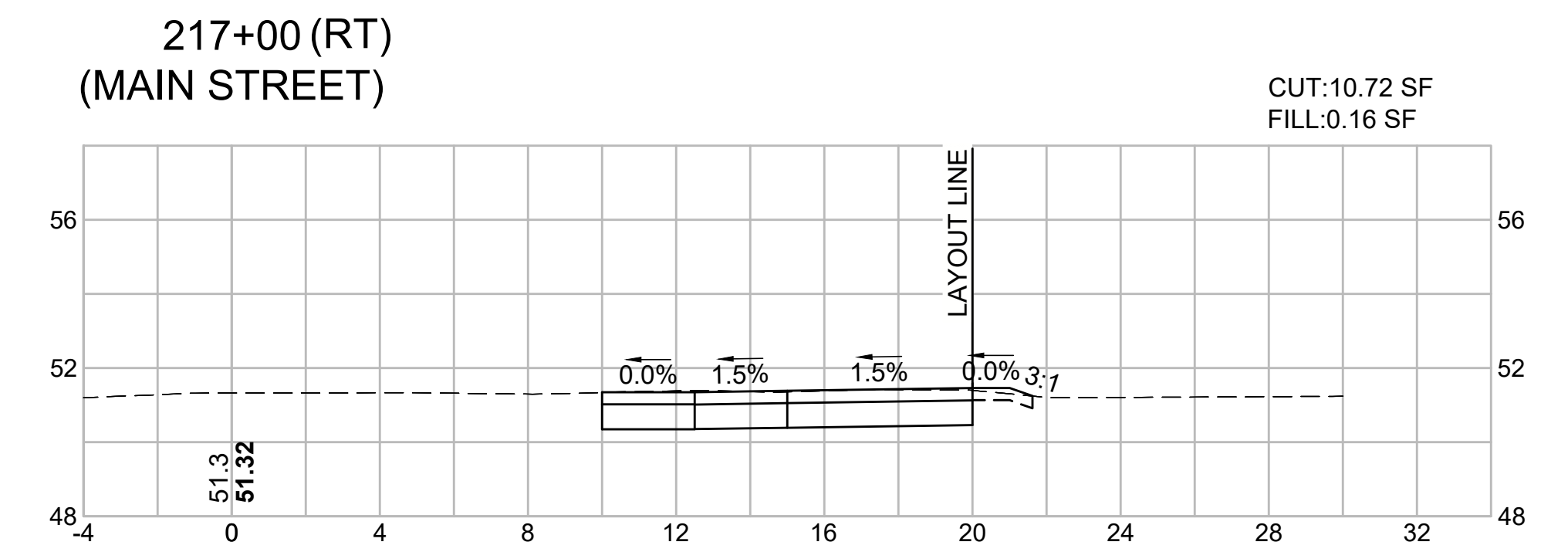
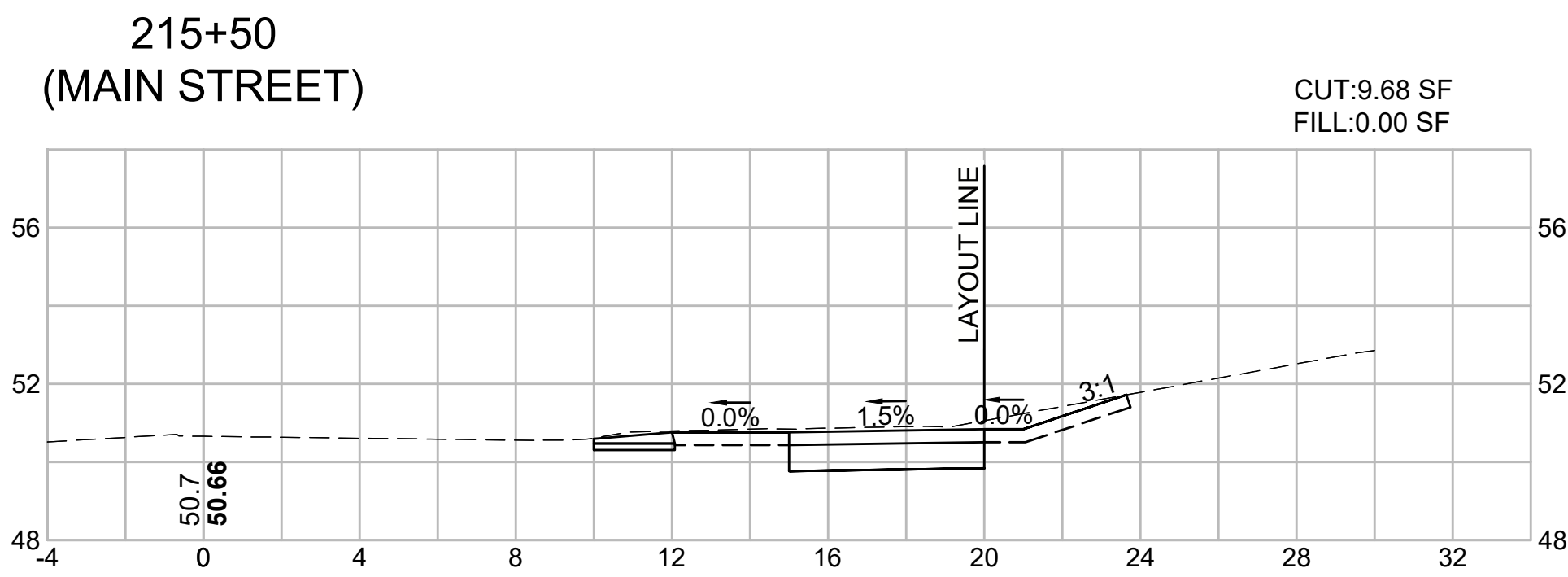
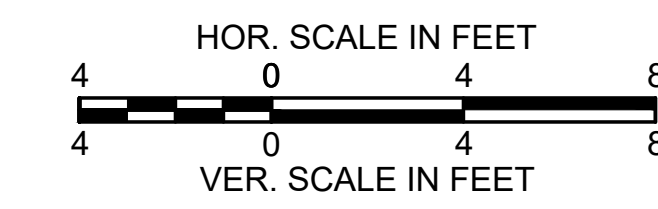
**CROSS SECTIONS - 7
MAIN STREET**

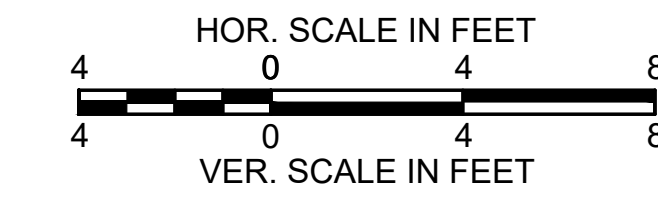
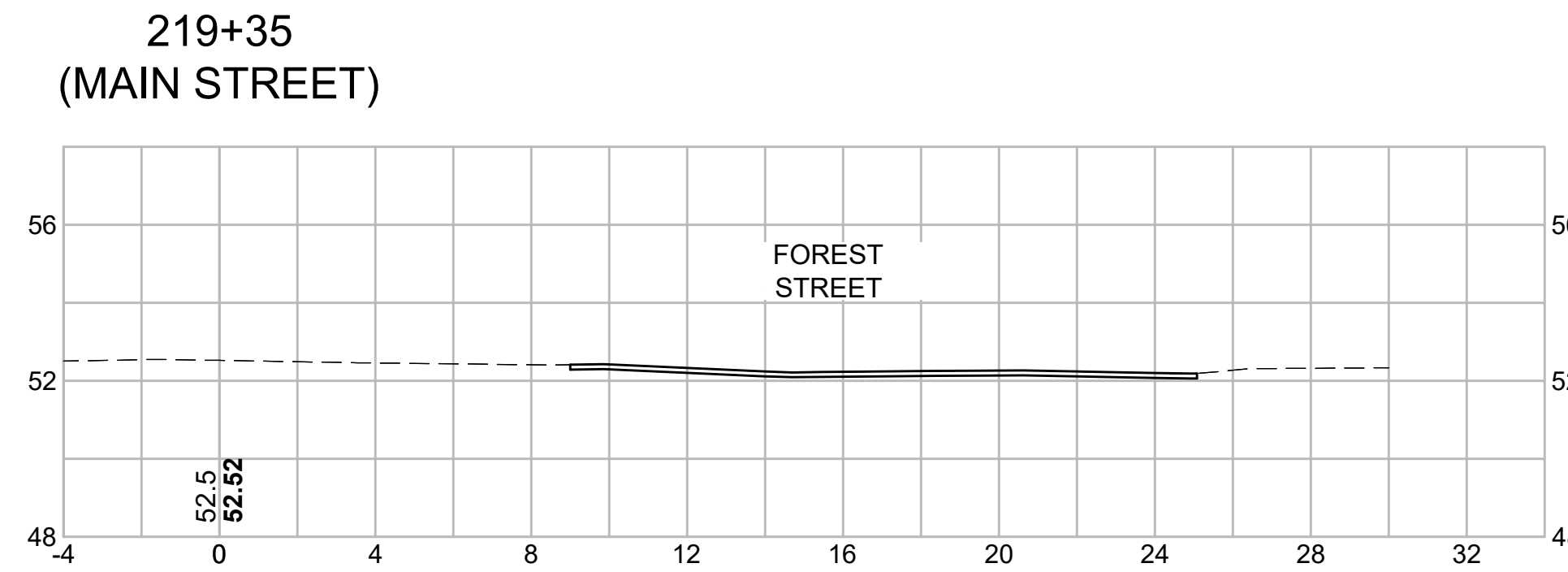
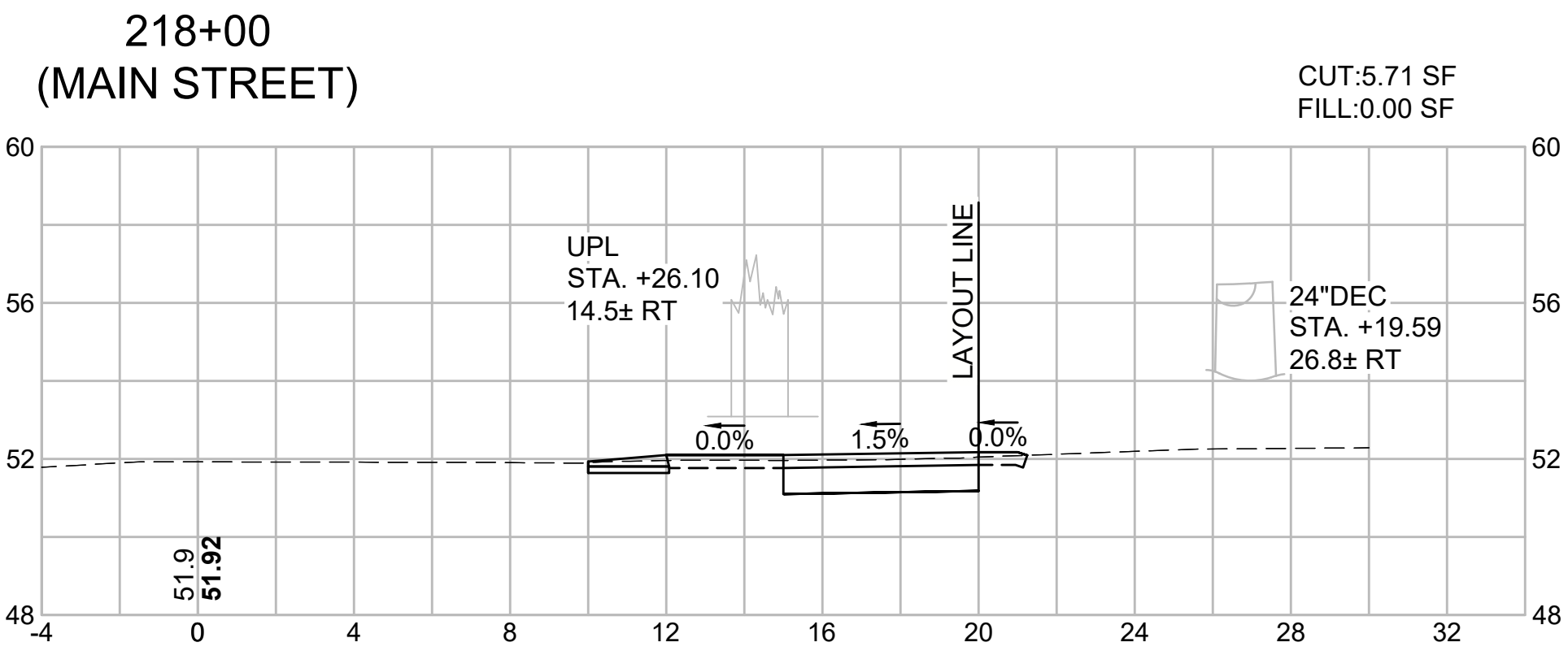


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	63	71
PROJECT FILE NO. 610670			

CROSS SECTIONS - 8
MAIN STREET

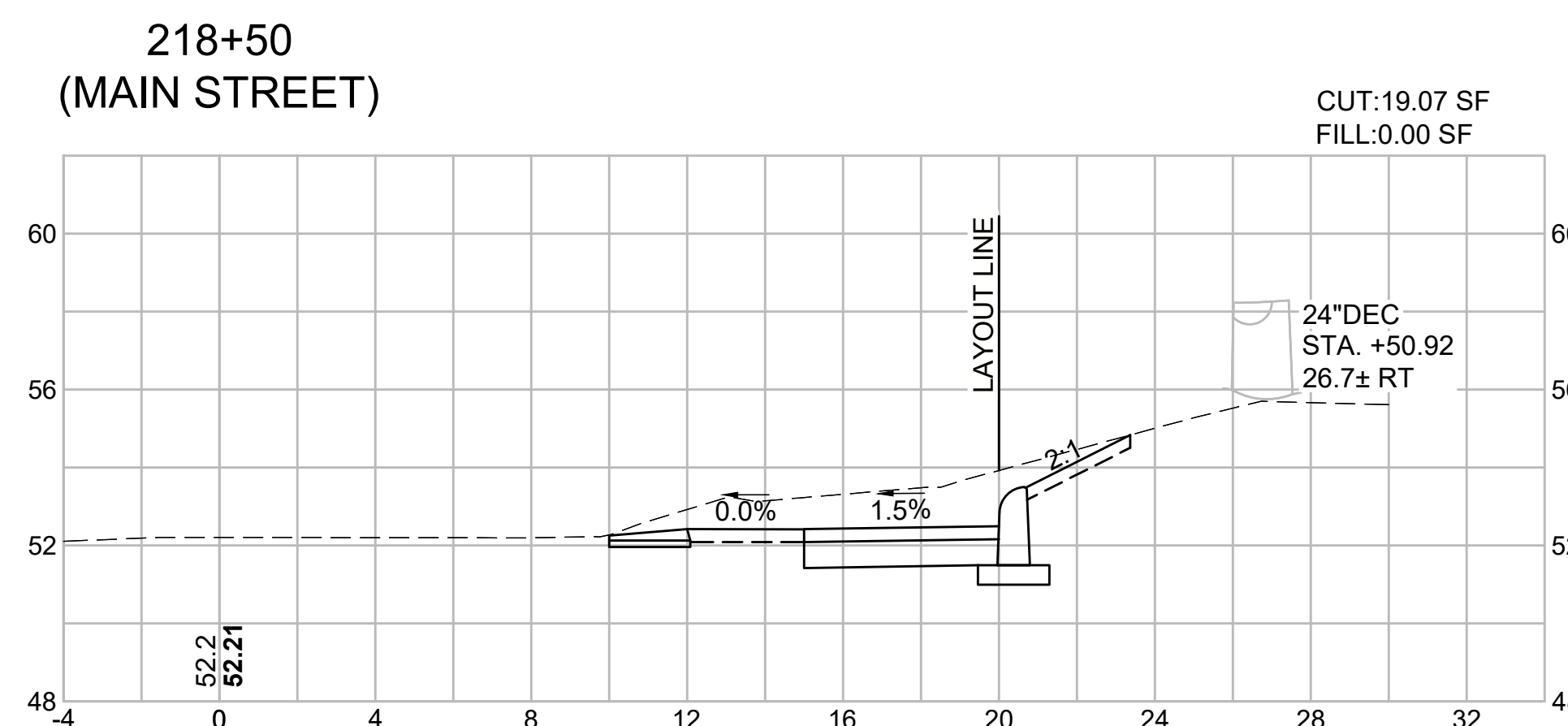
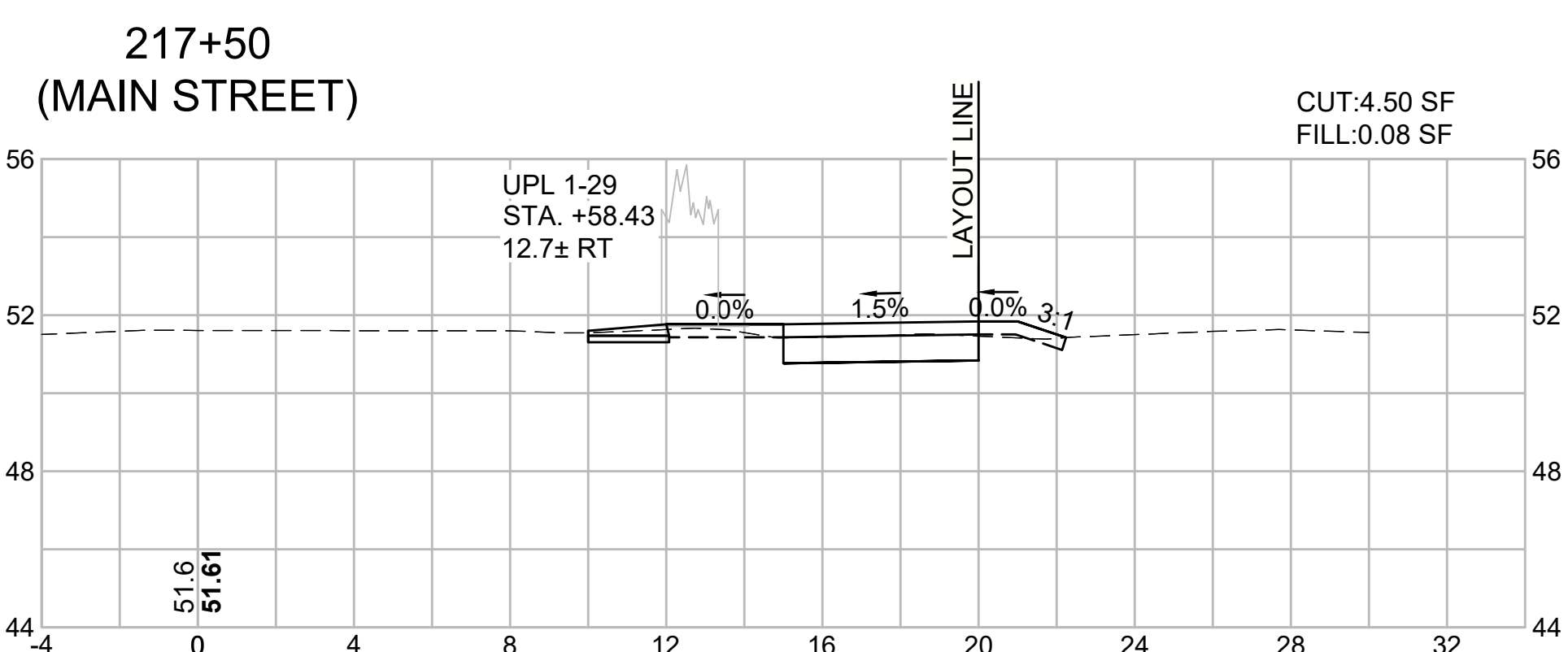
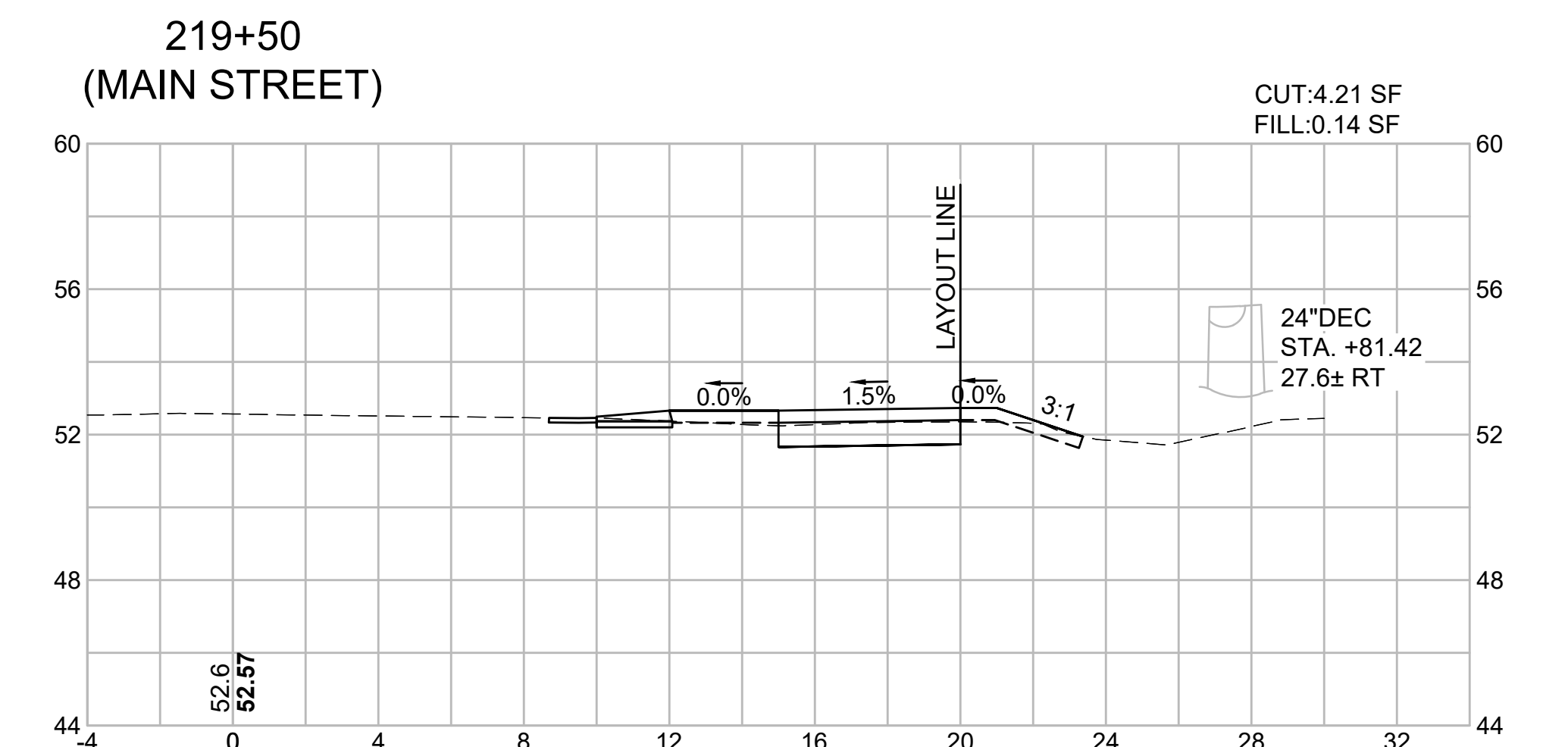
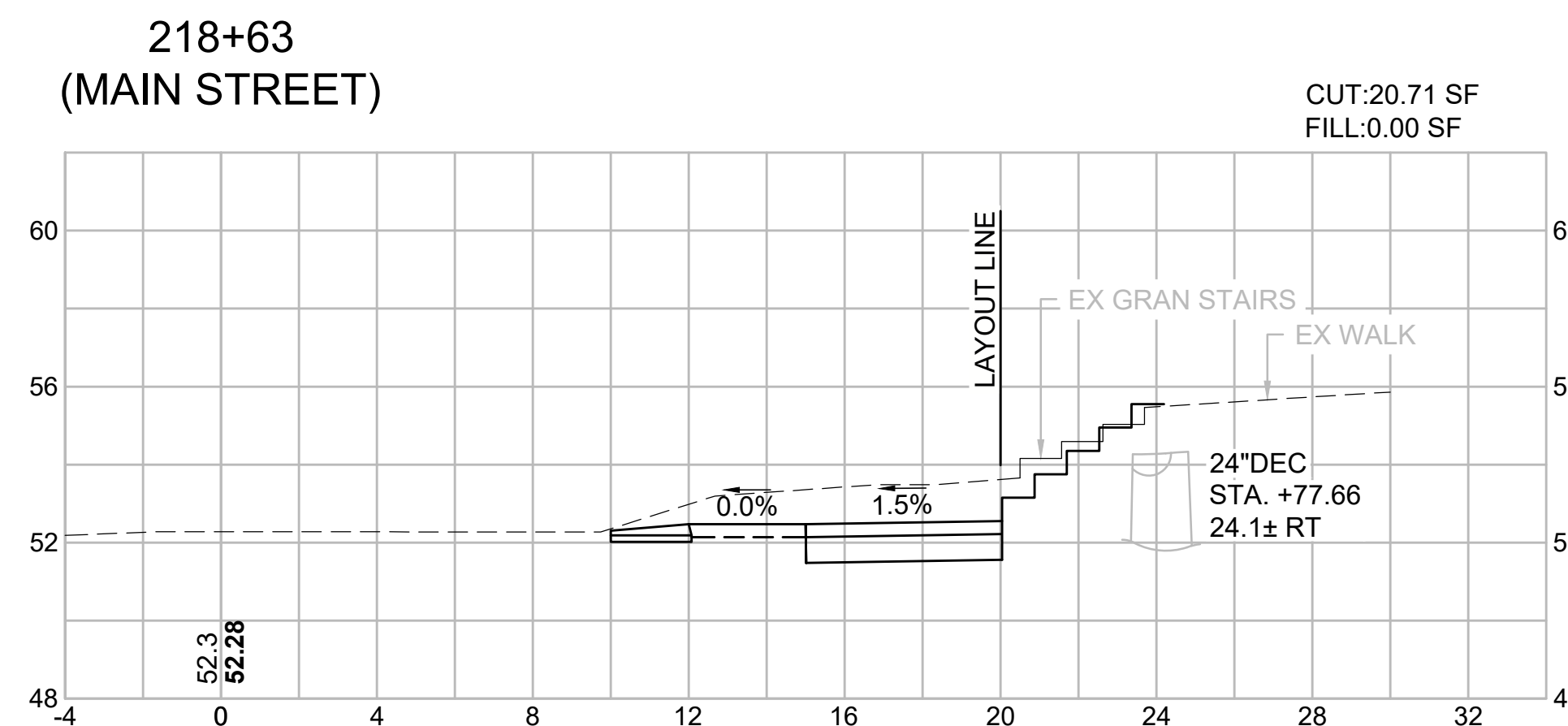
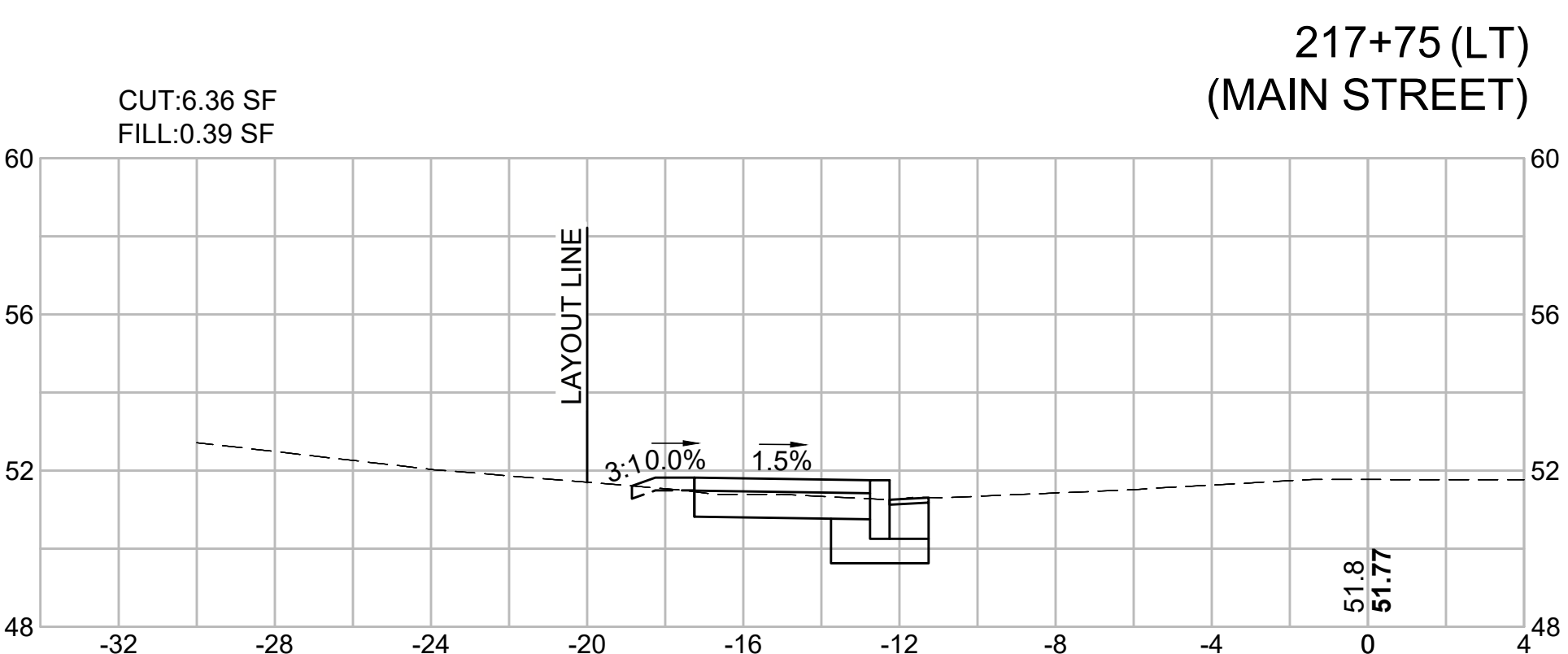
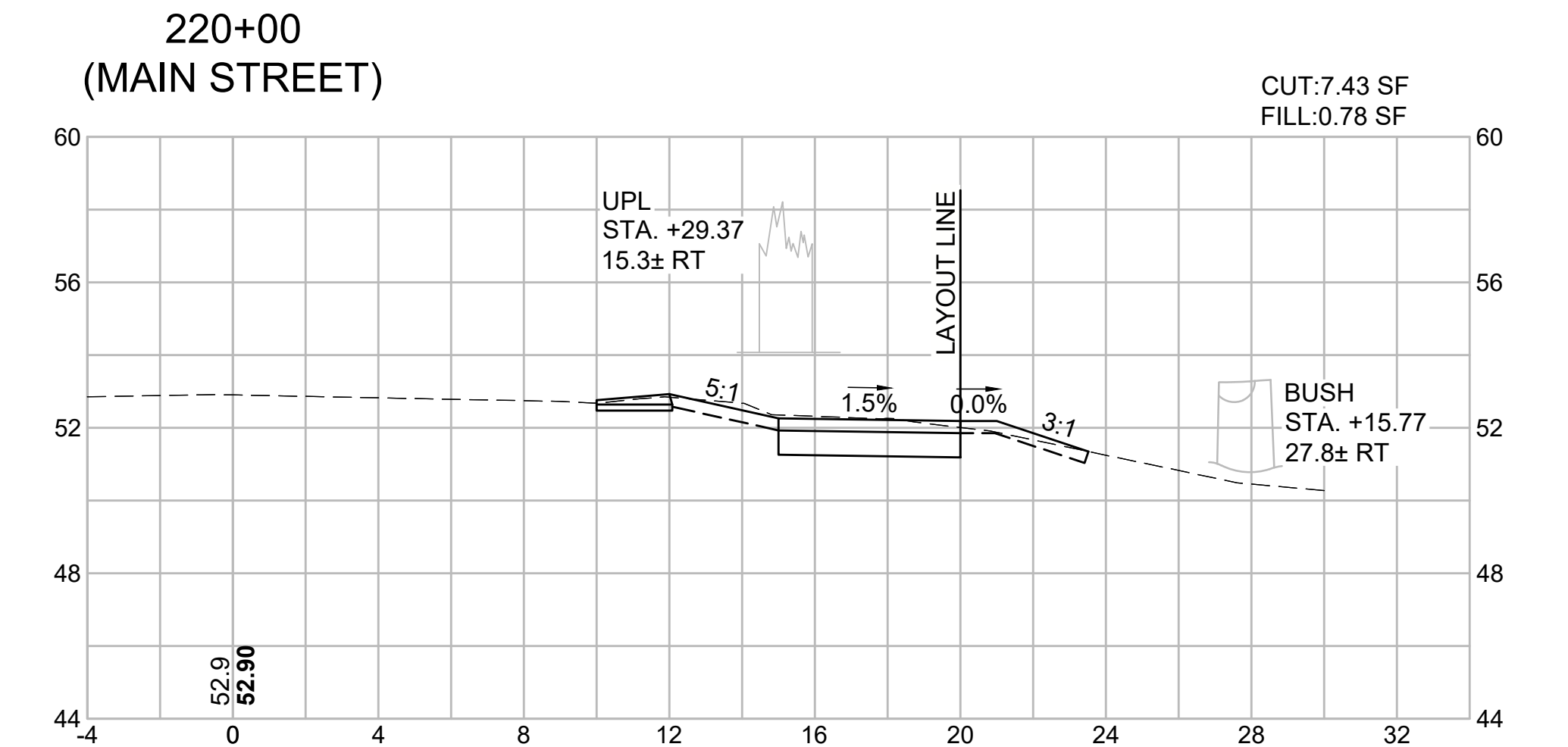
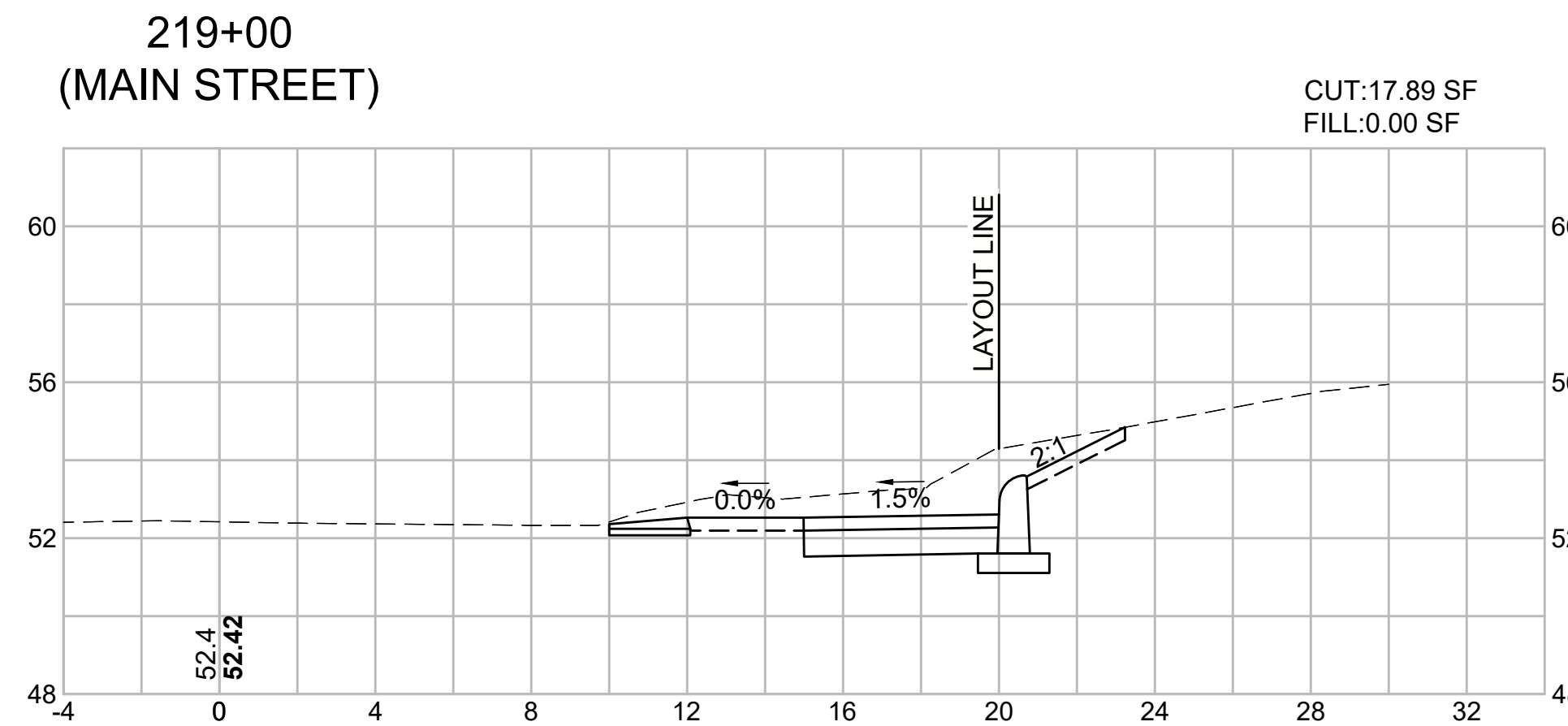
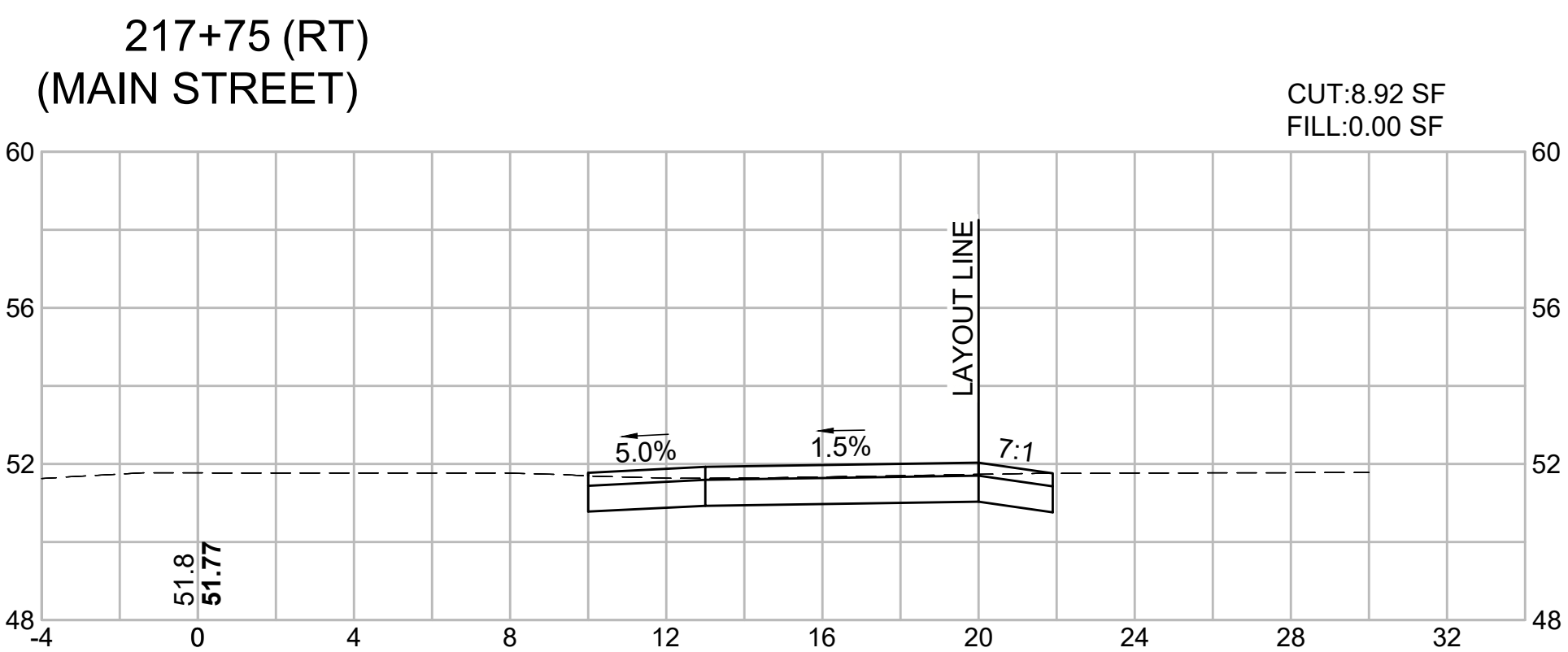




**HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	64	71
PROJECT FILE NO. 610670			

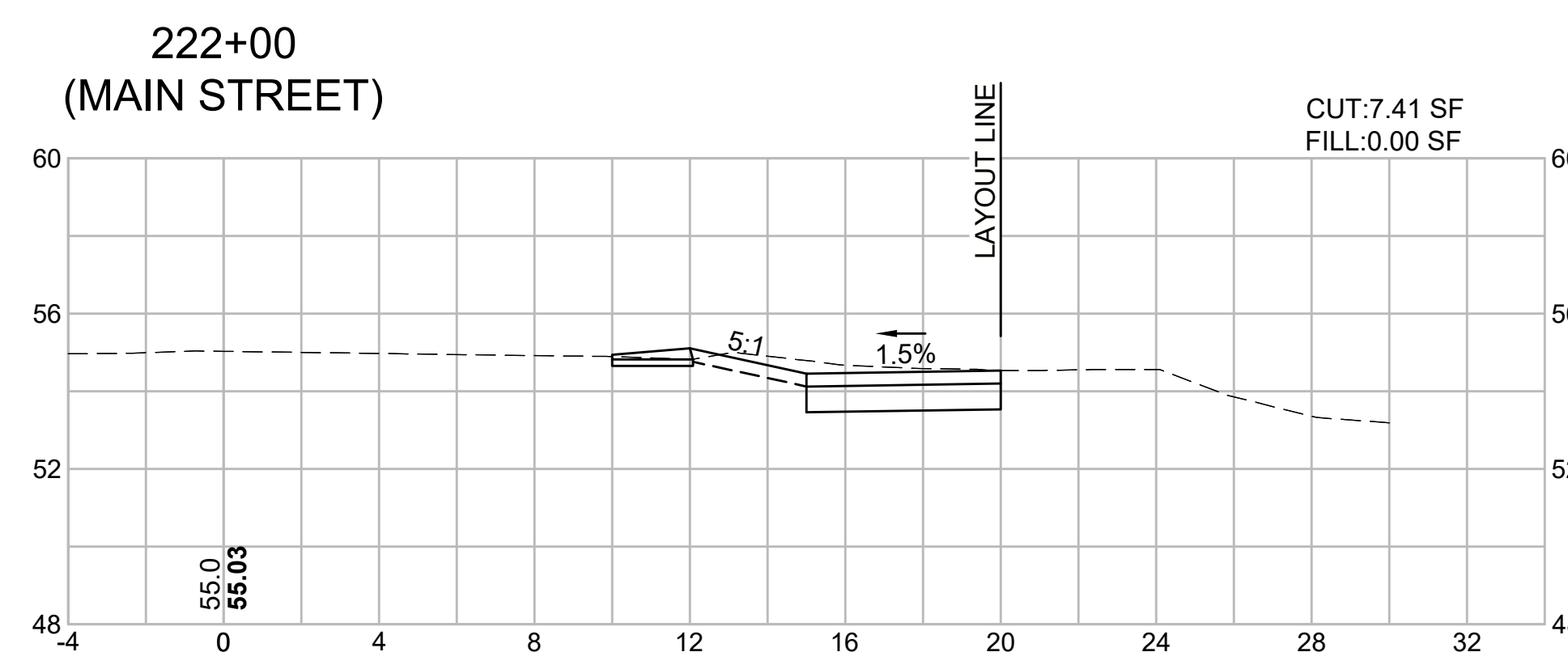
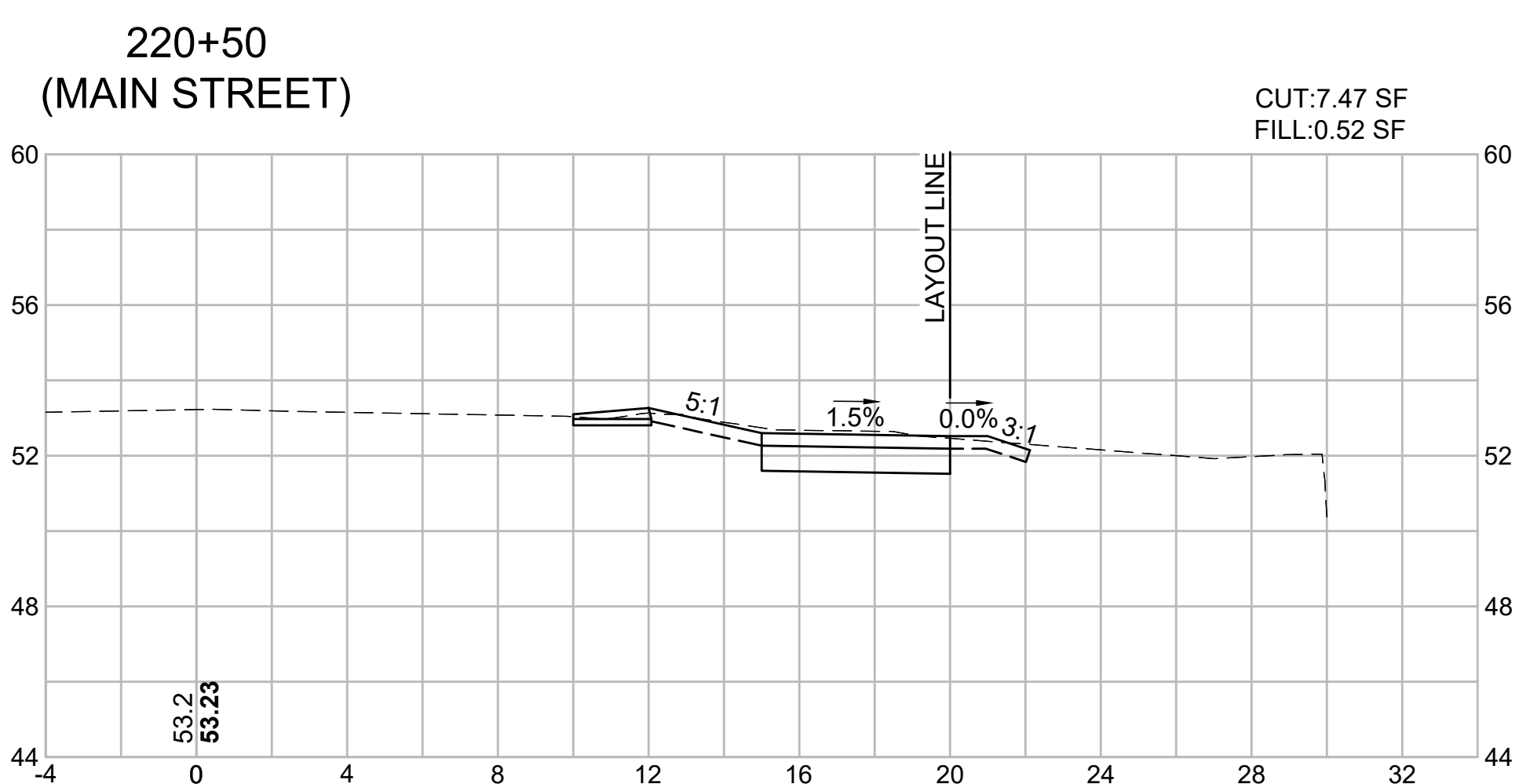
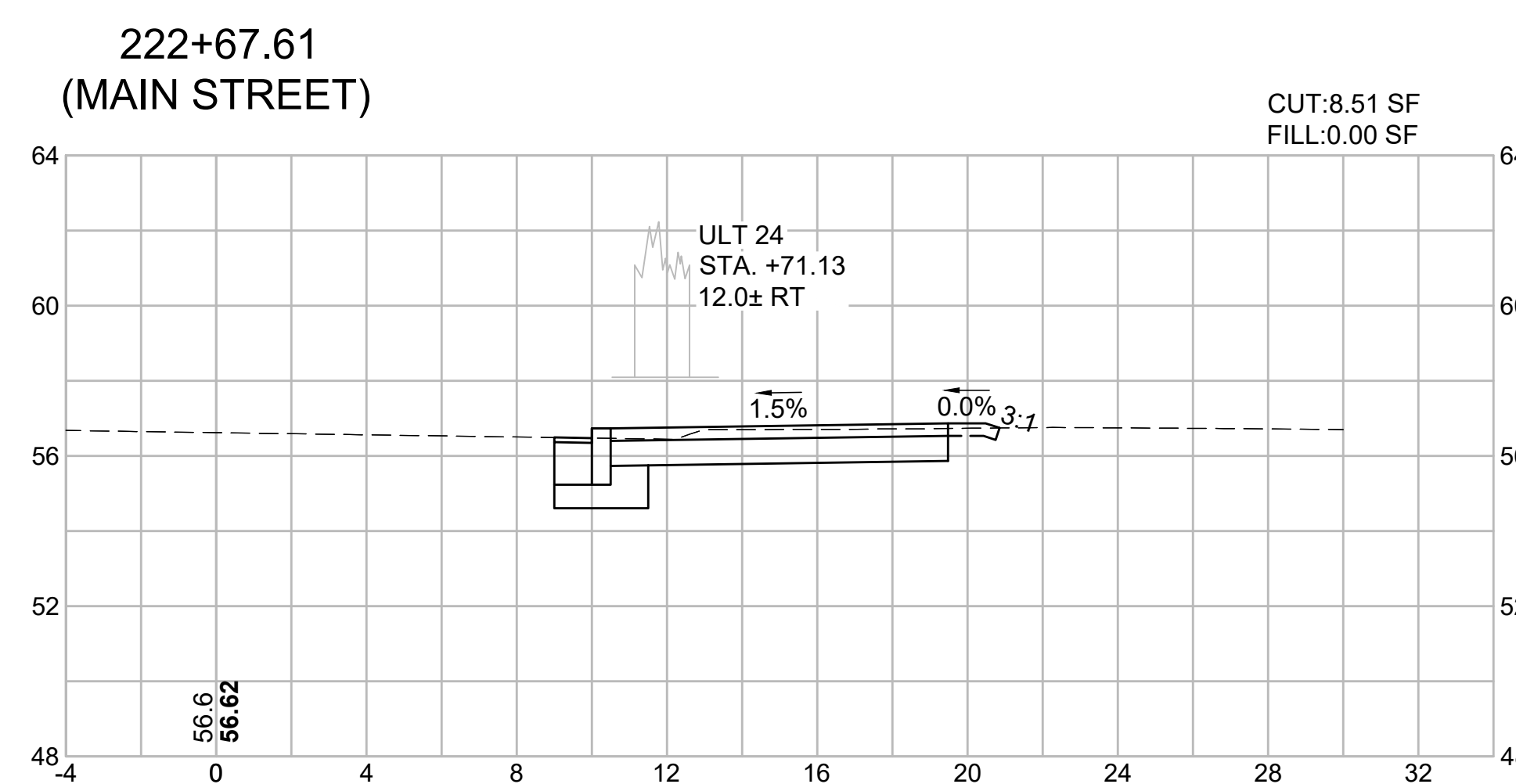
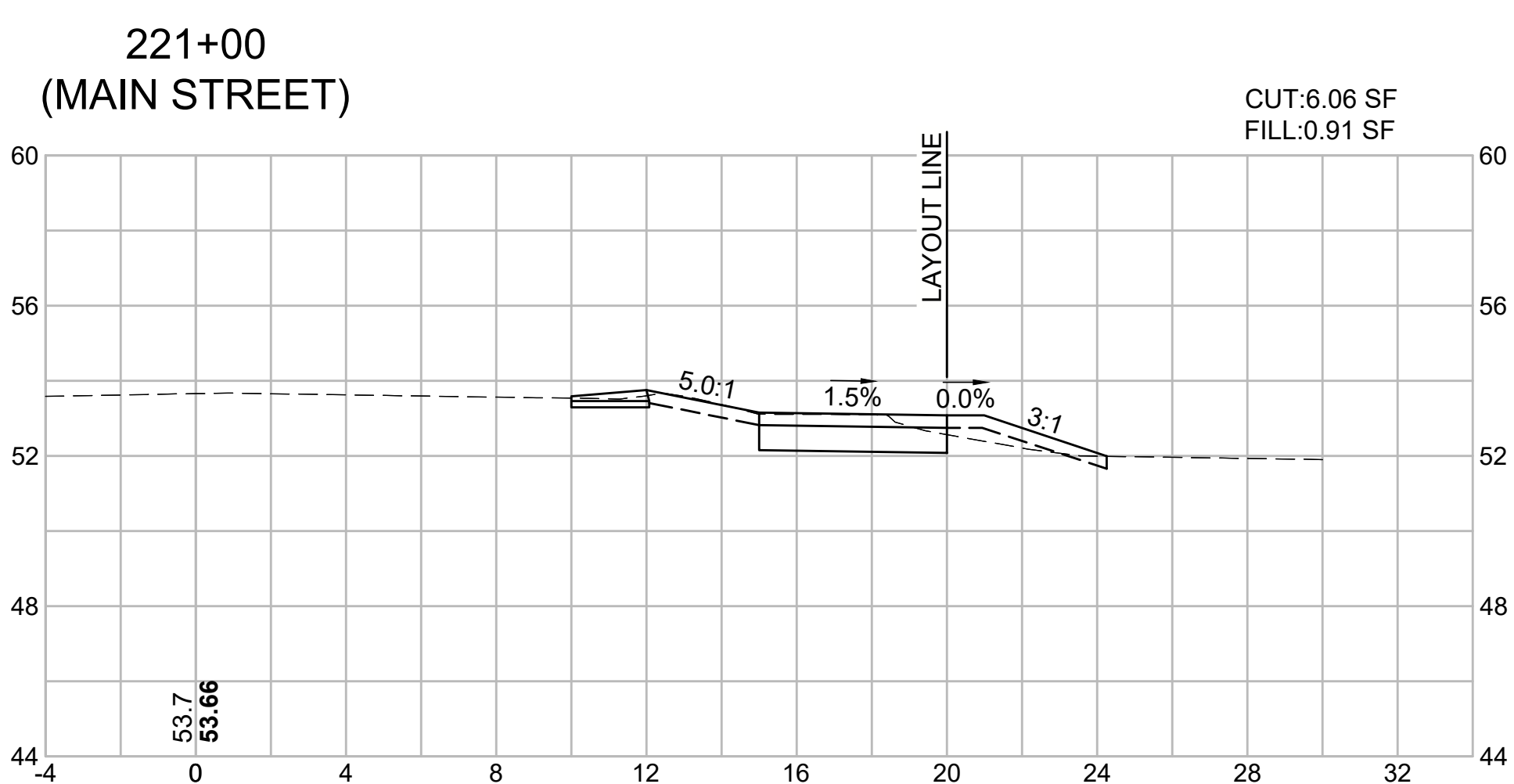
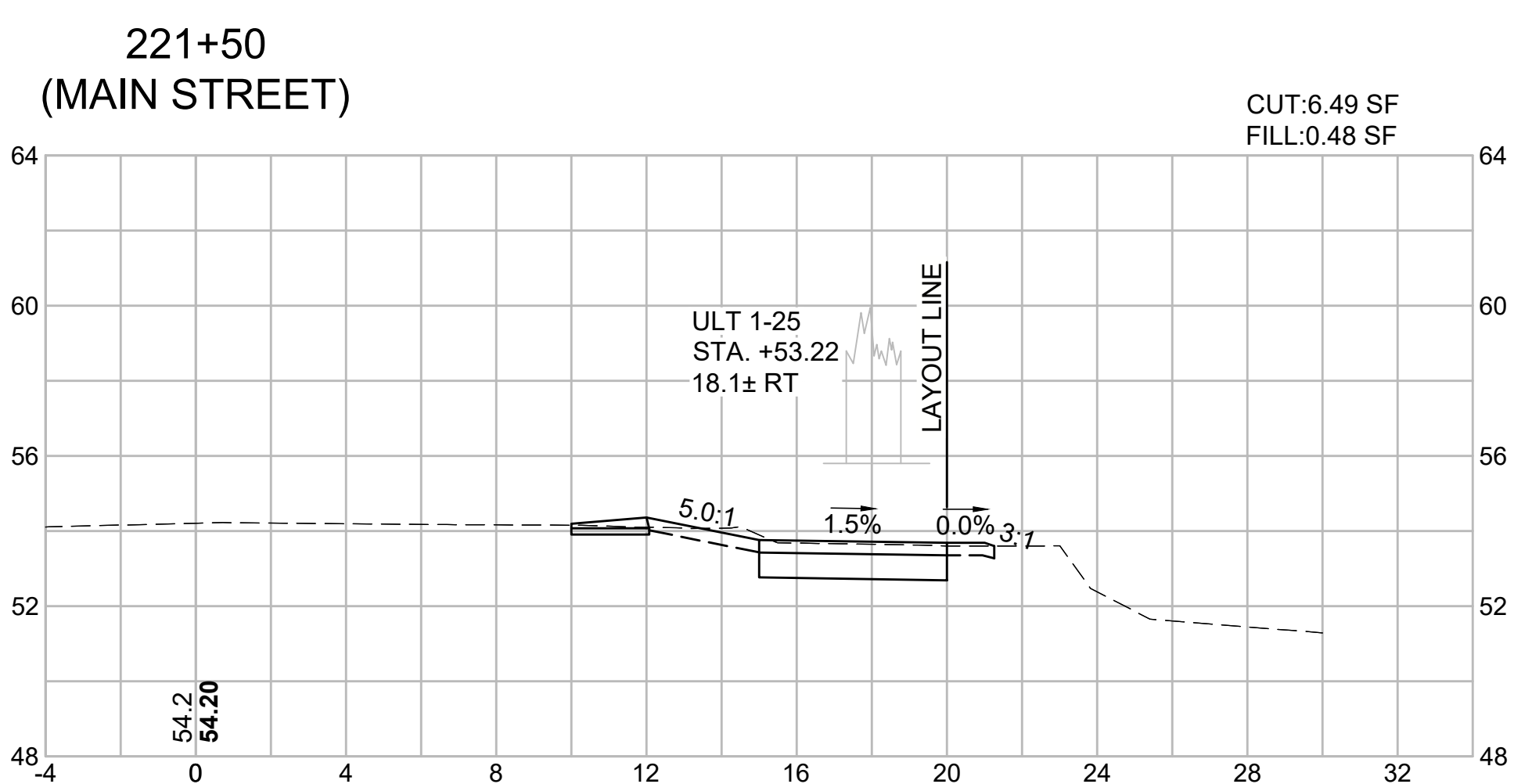
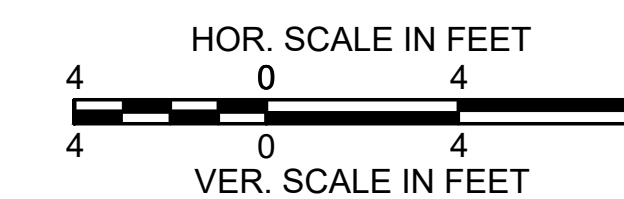
**CROSS SECTIONS - 9
MAIN STREET**



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	65	71
PROJECT FILE NO.		610670	

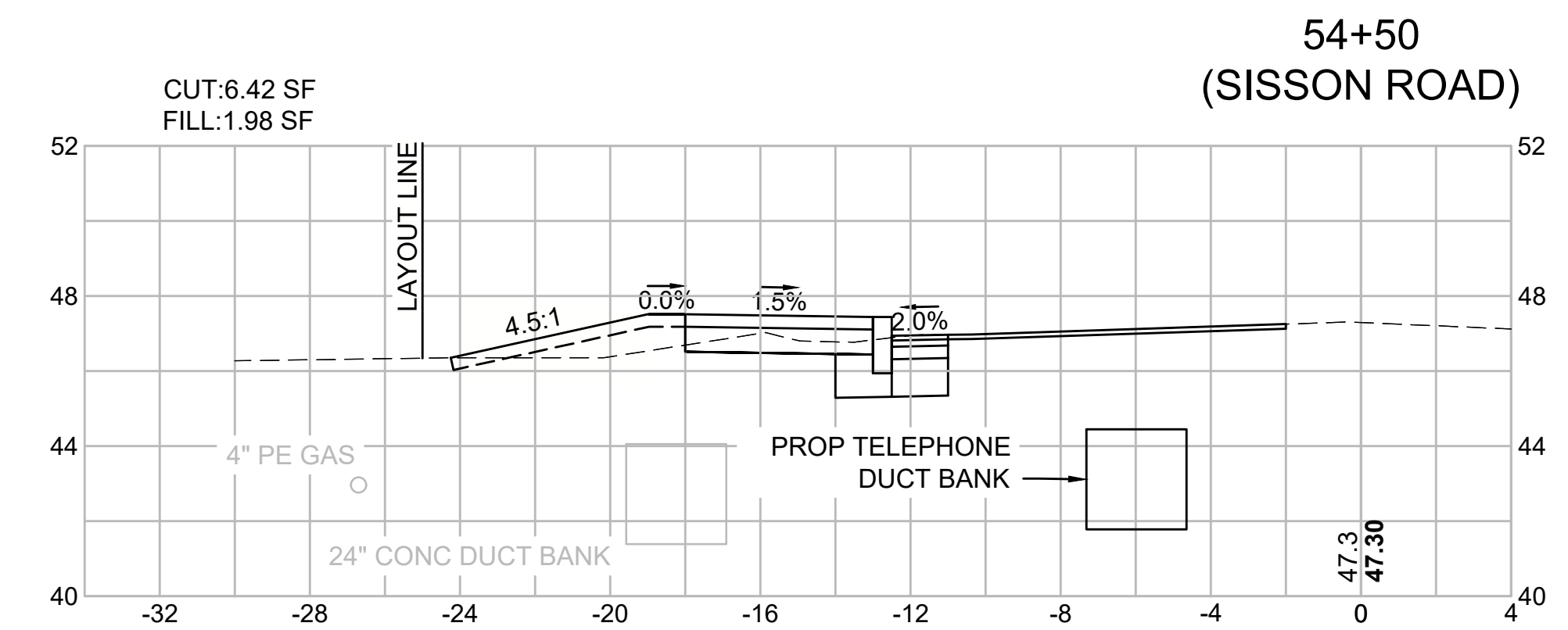
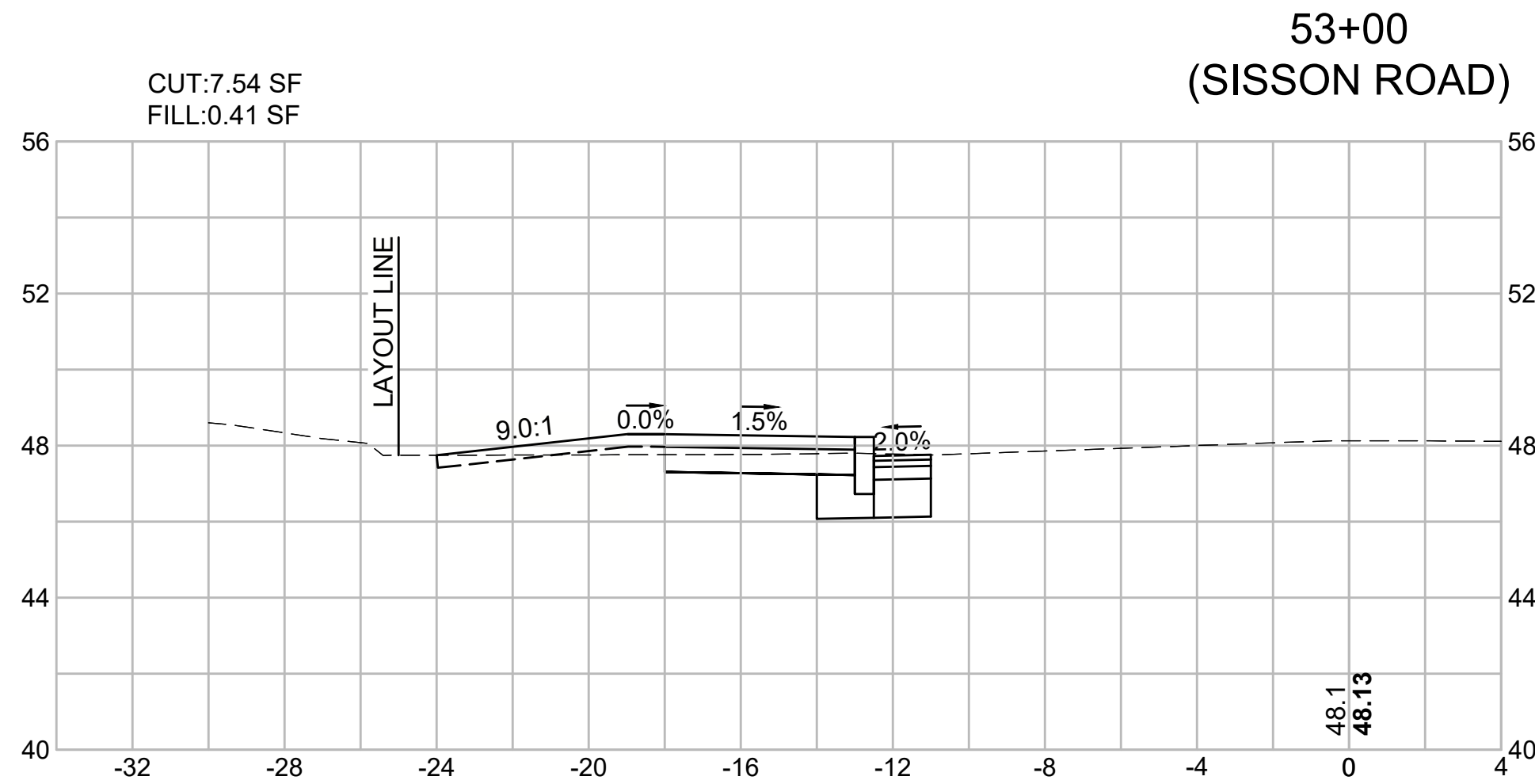
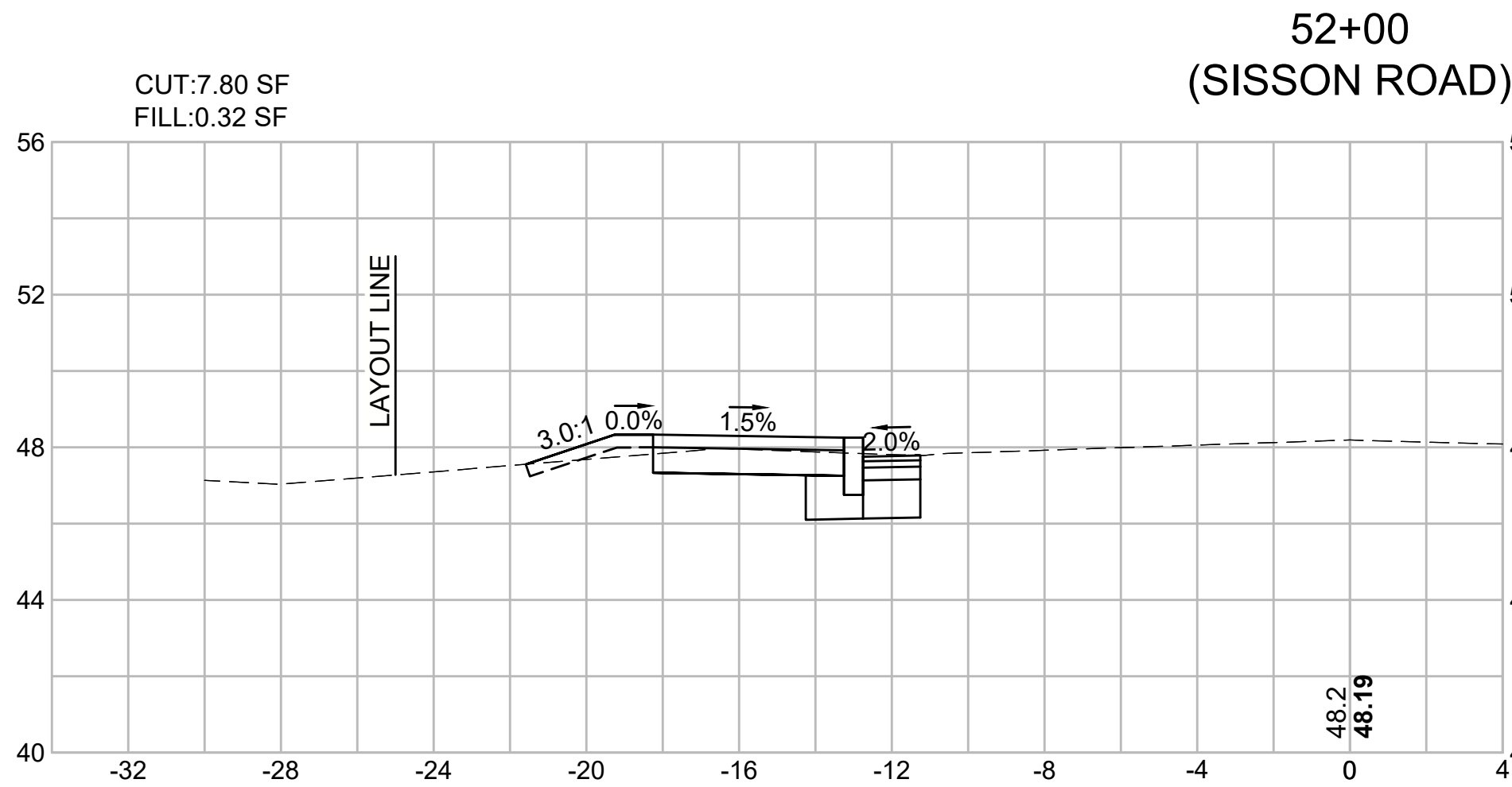
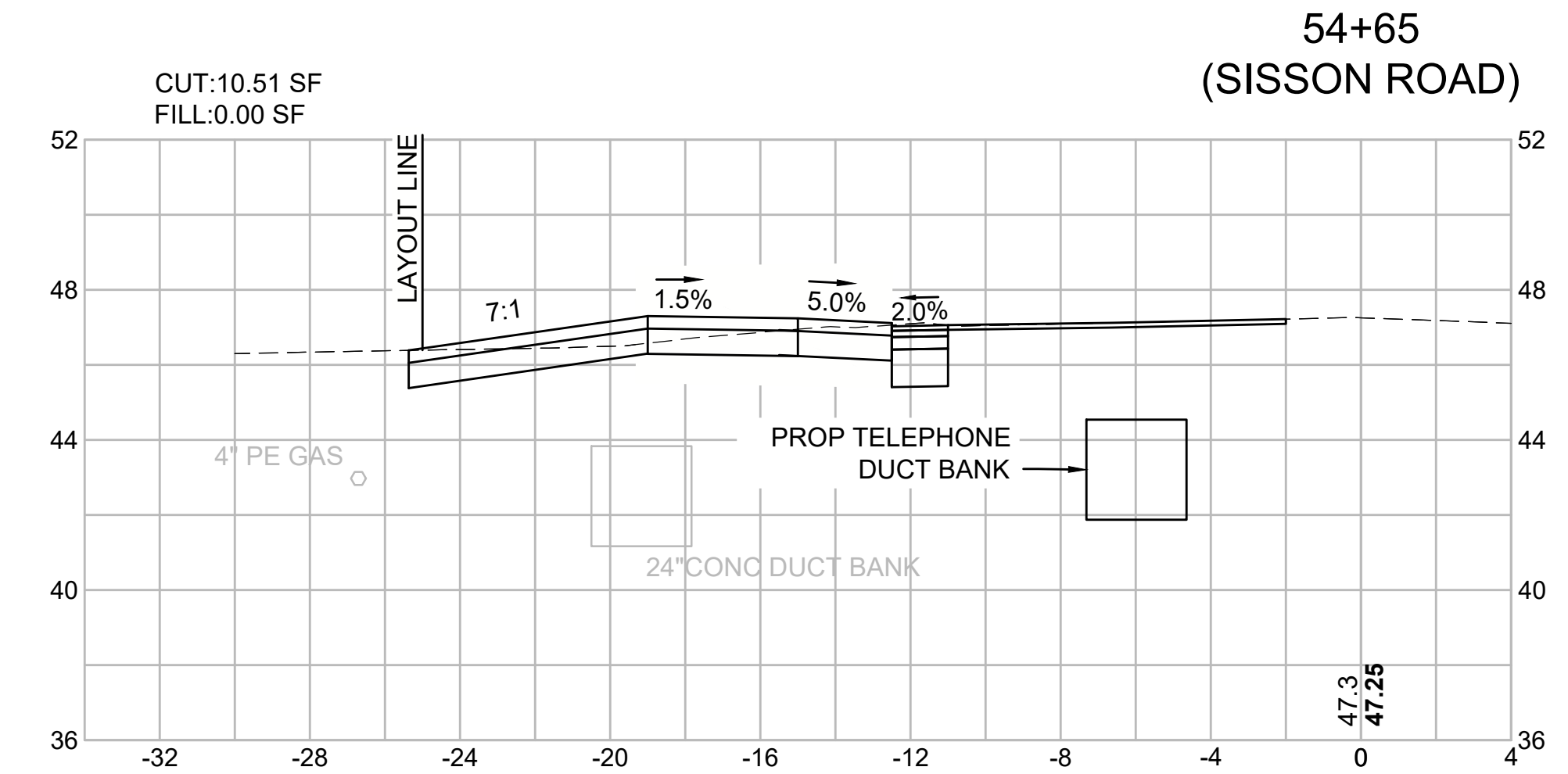
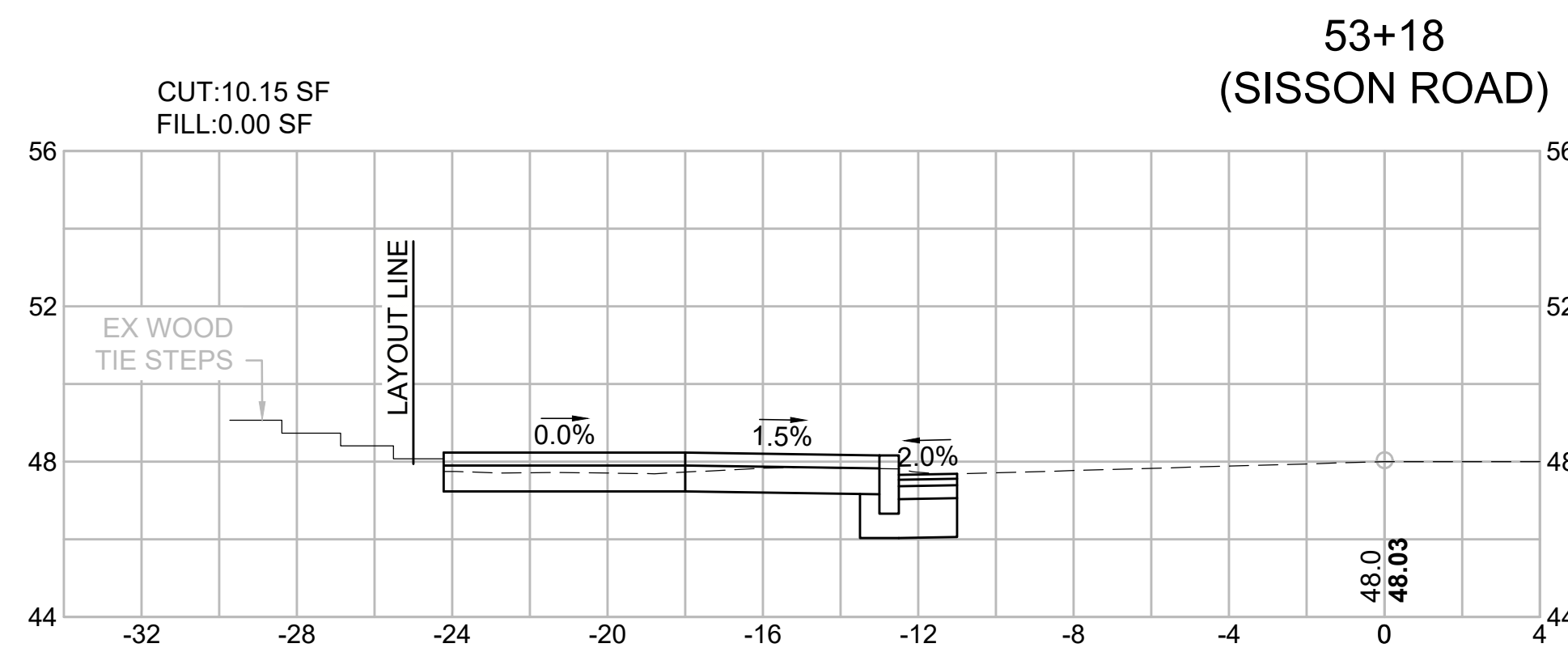
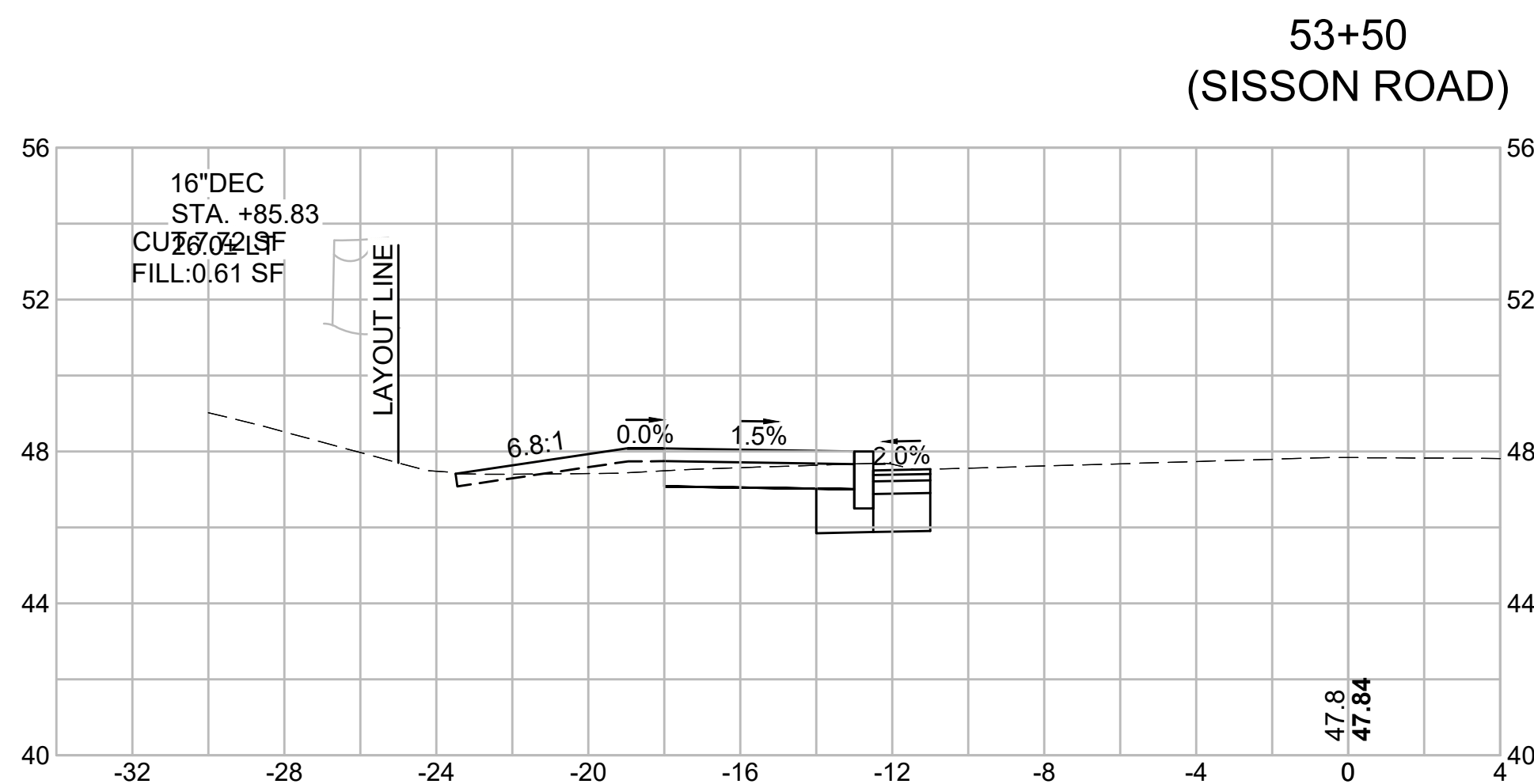
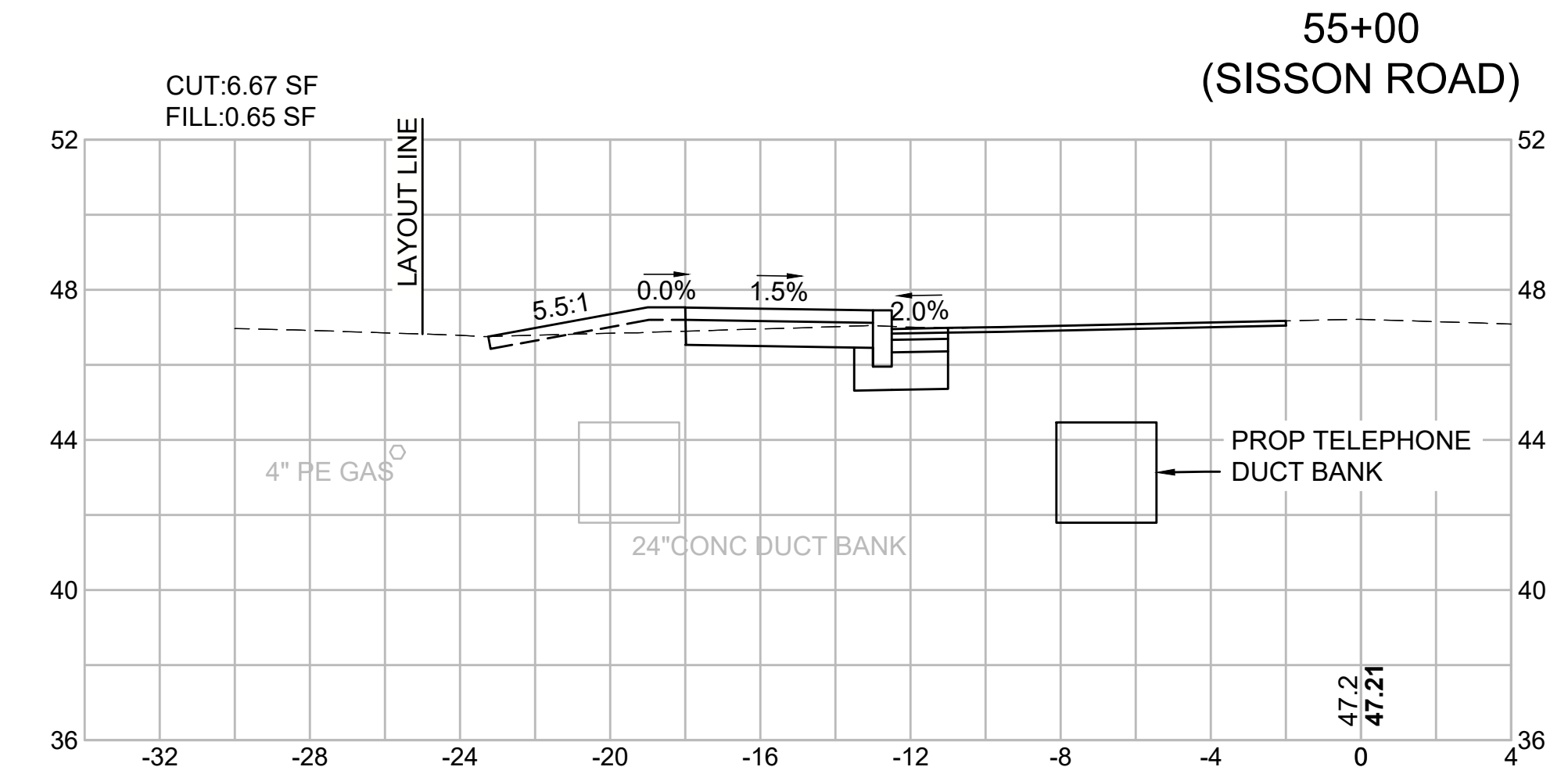
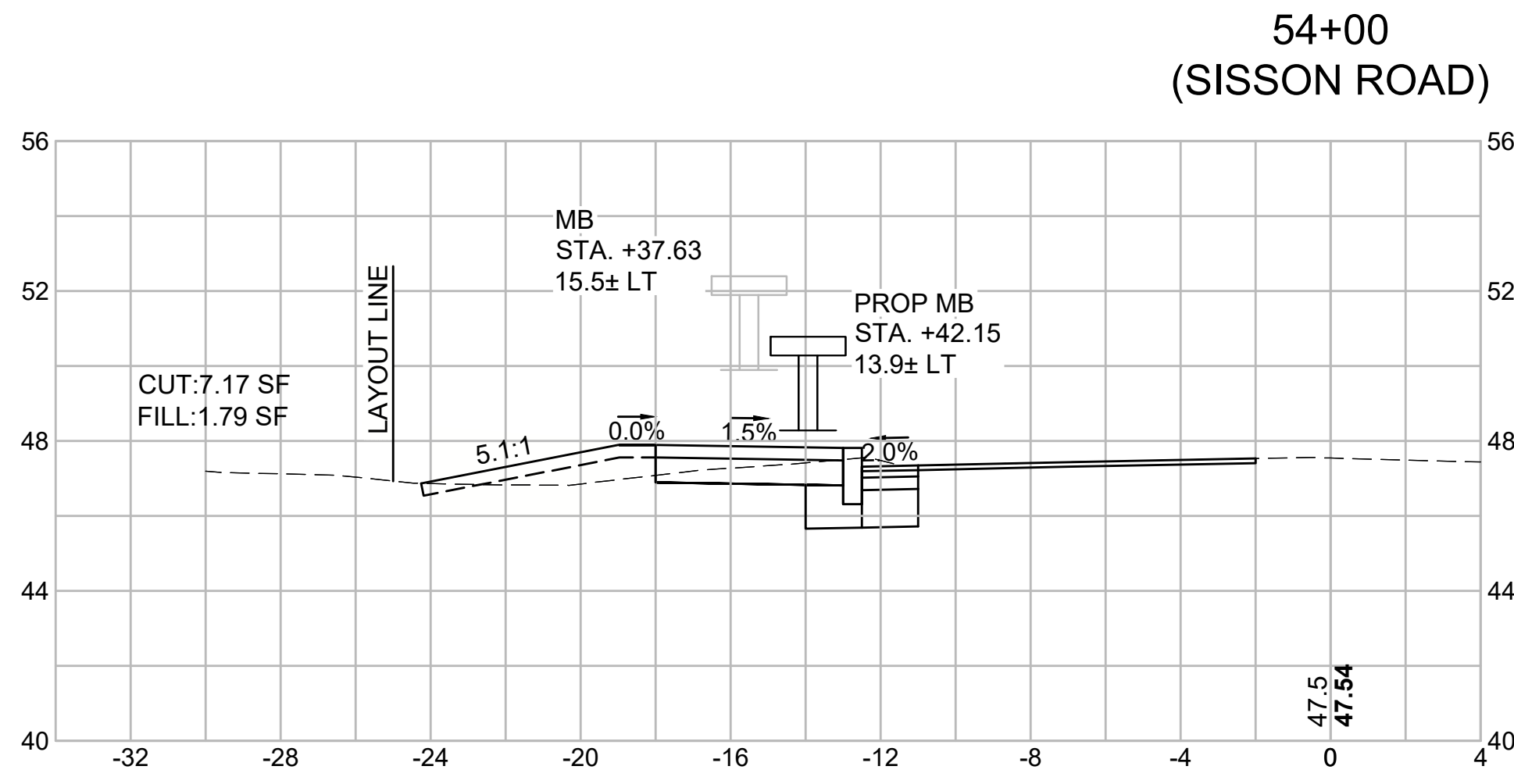
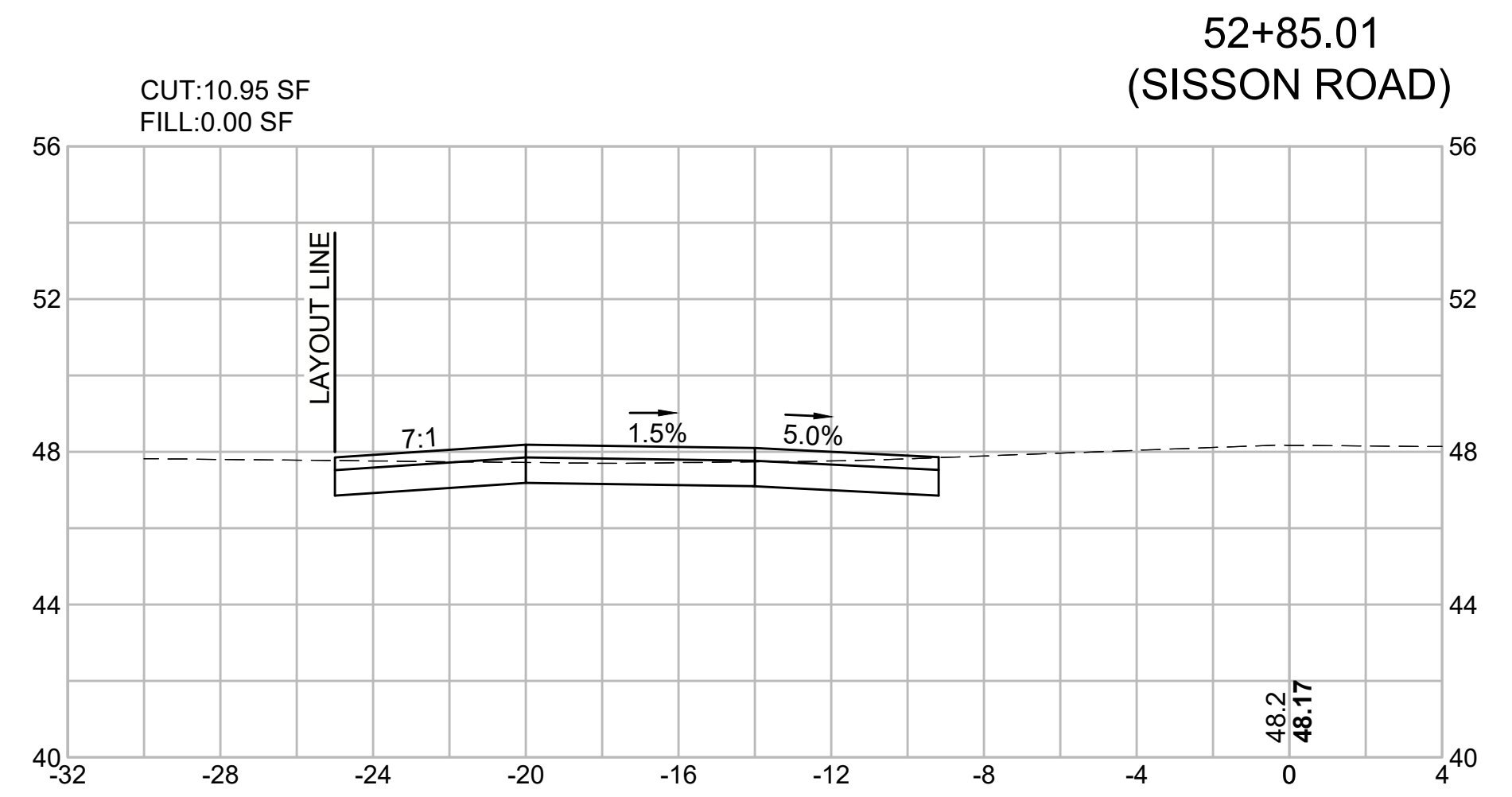
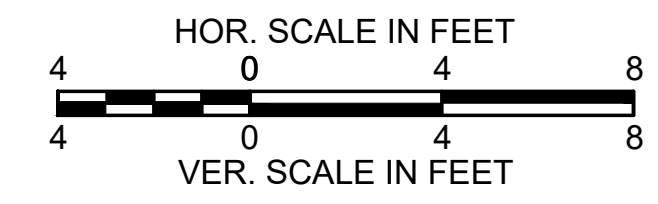
CROSS SECTIONS - 10
MAIN STREET



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	66	71
PROJECT FILE NO. 610670			

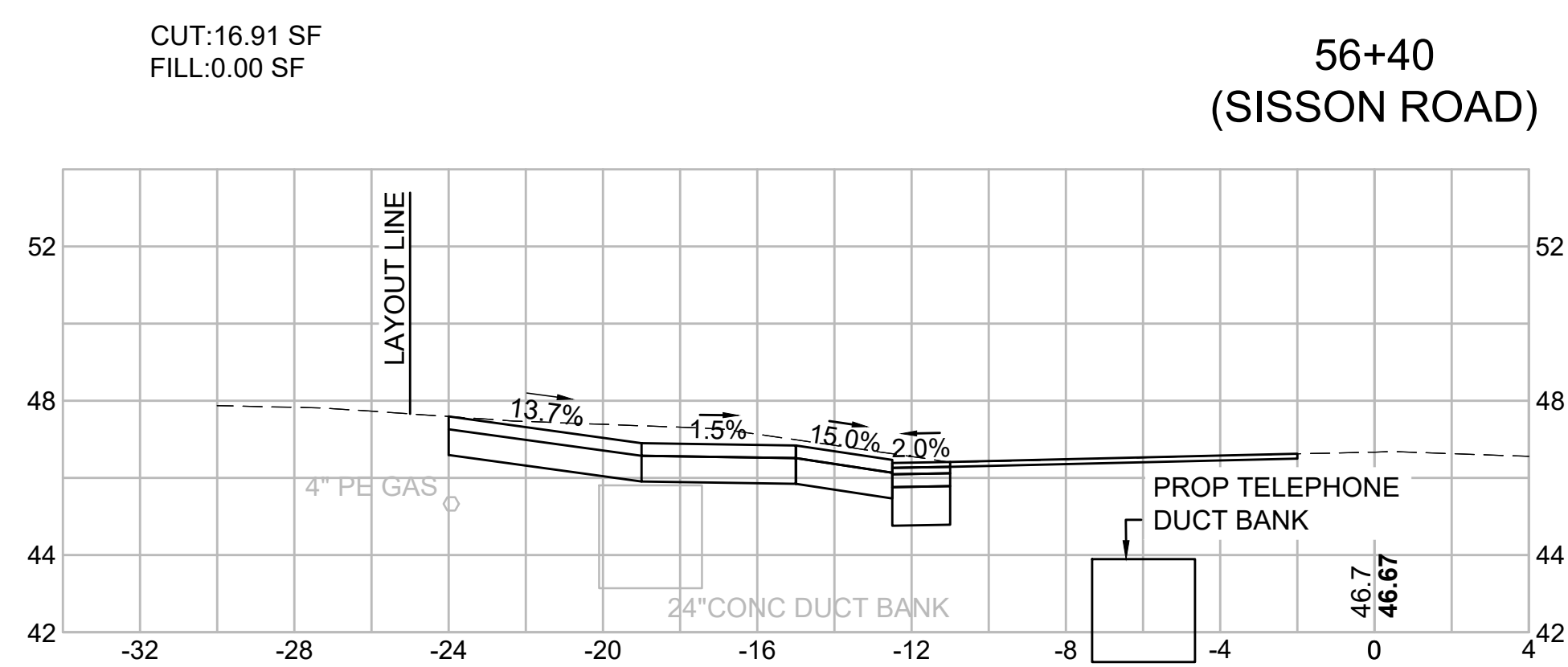
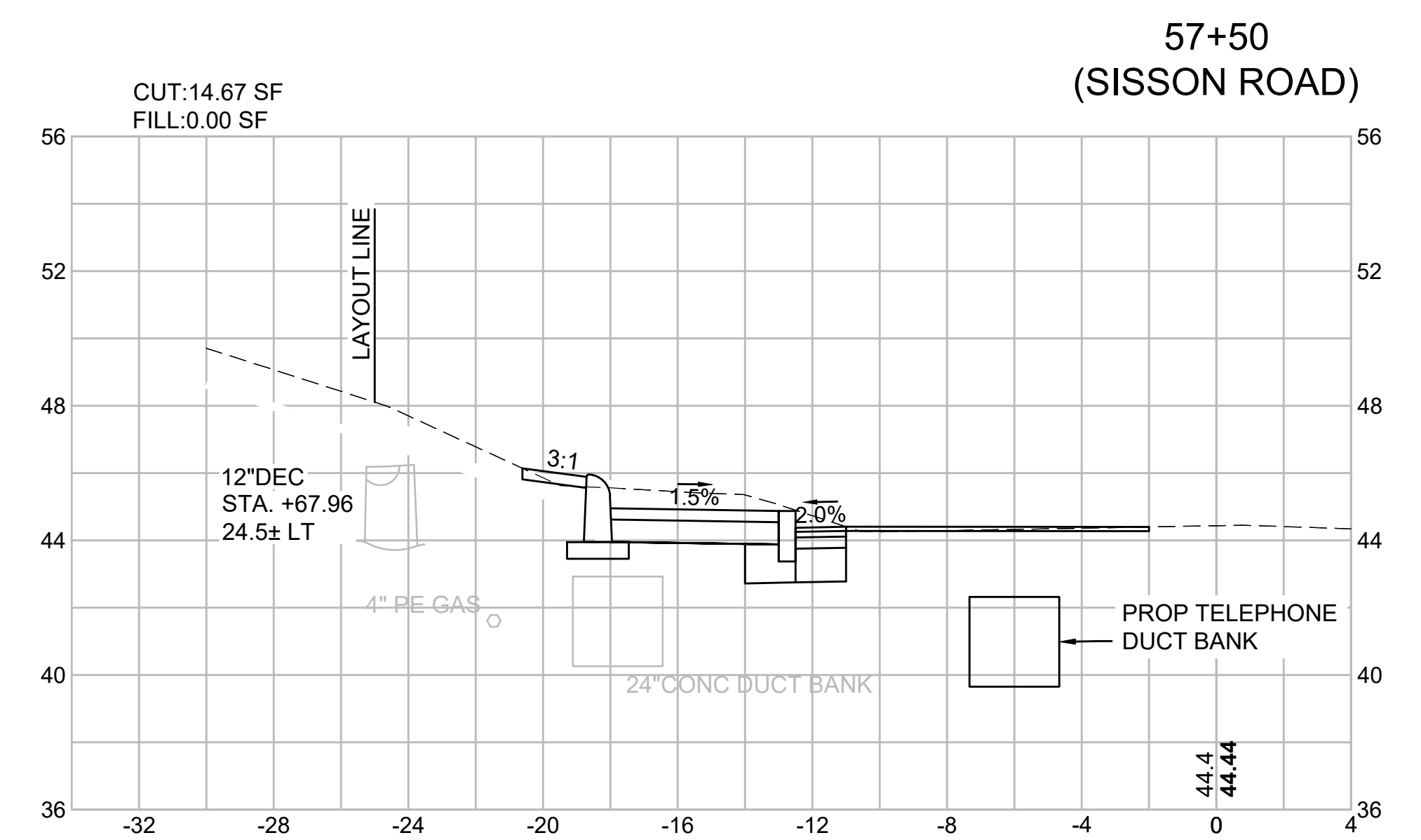
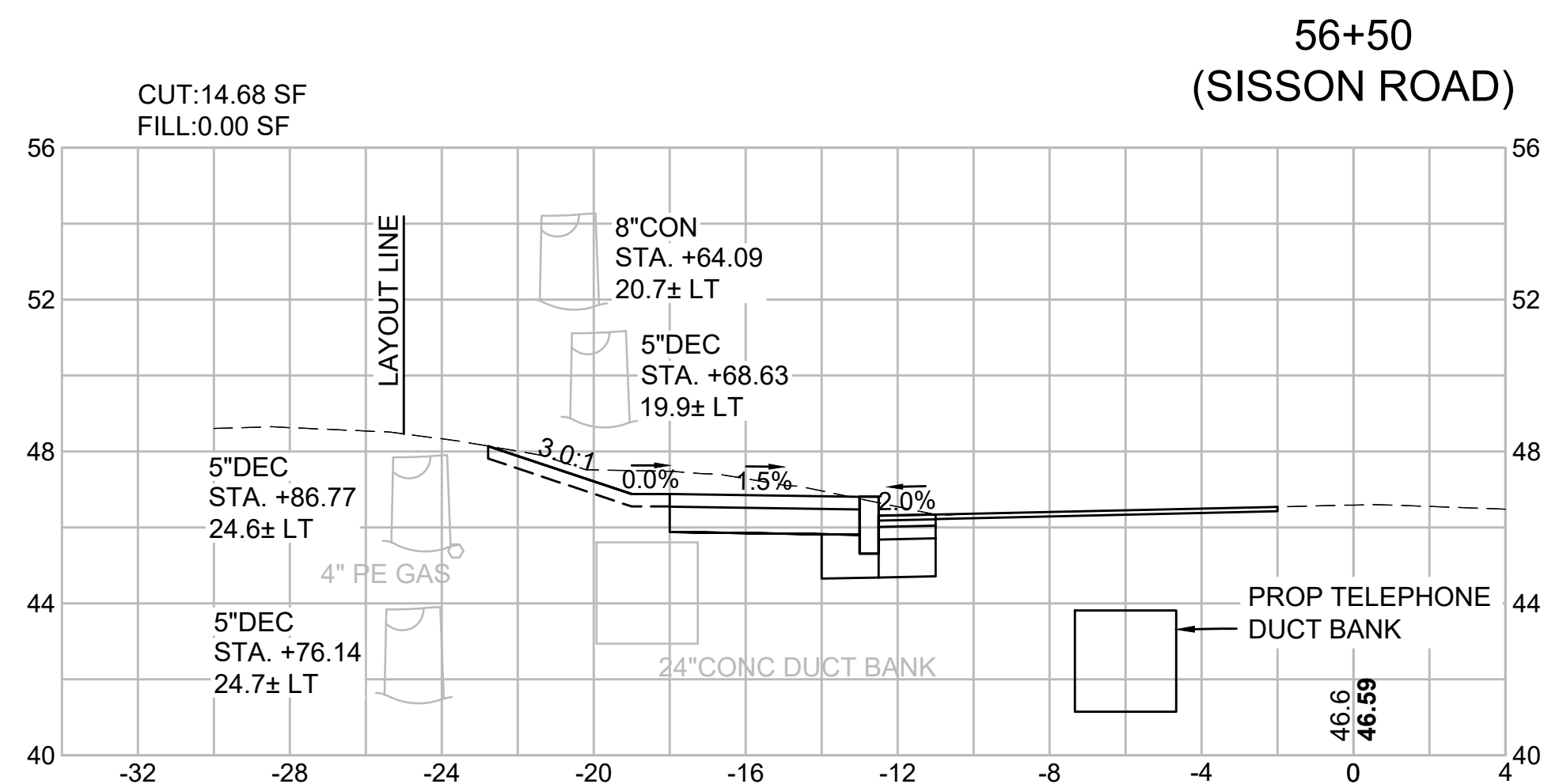
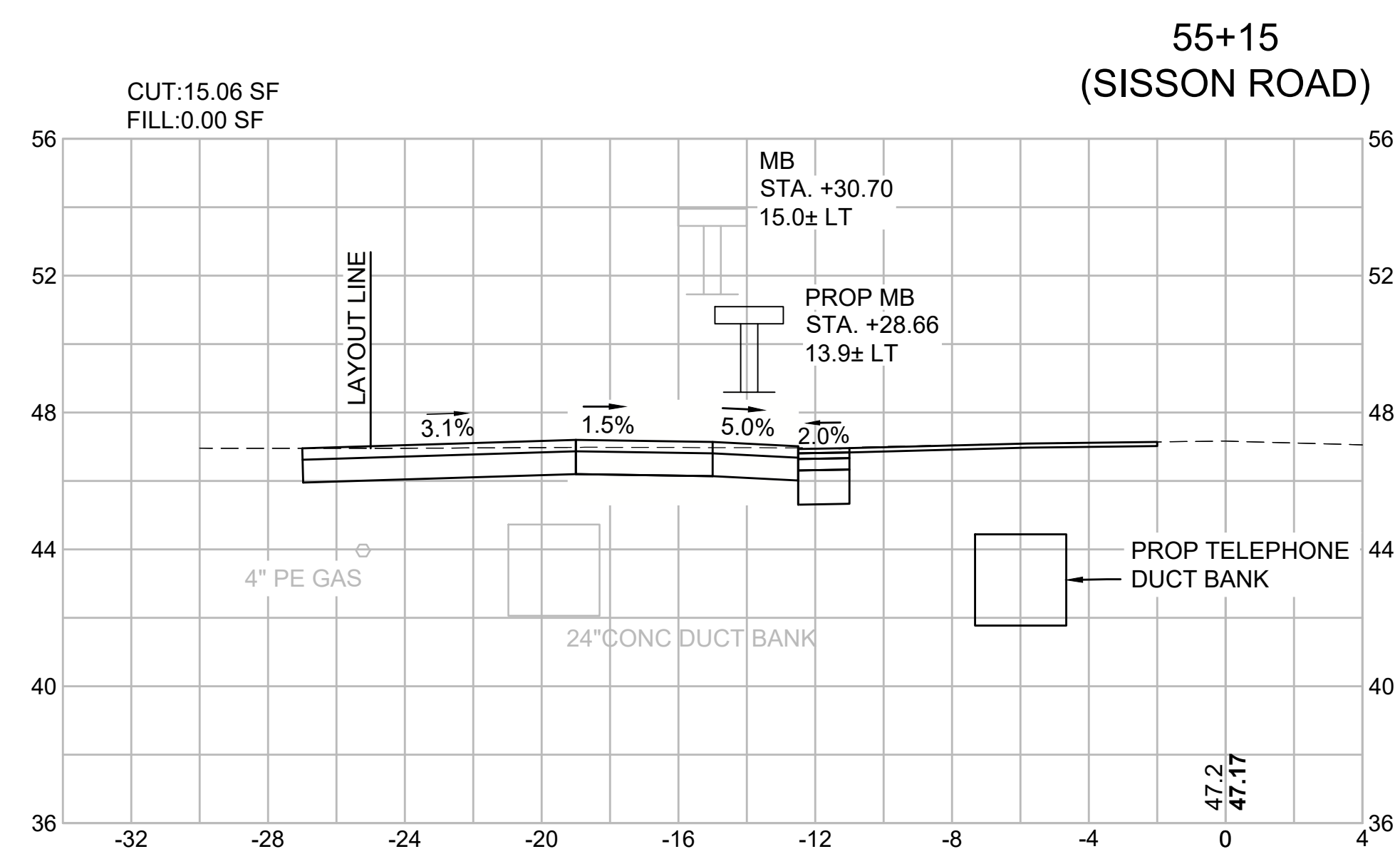
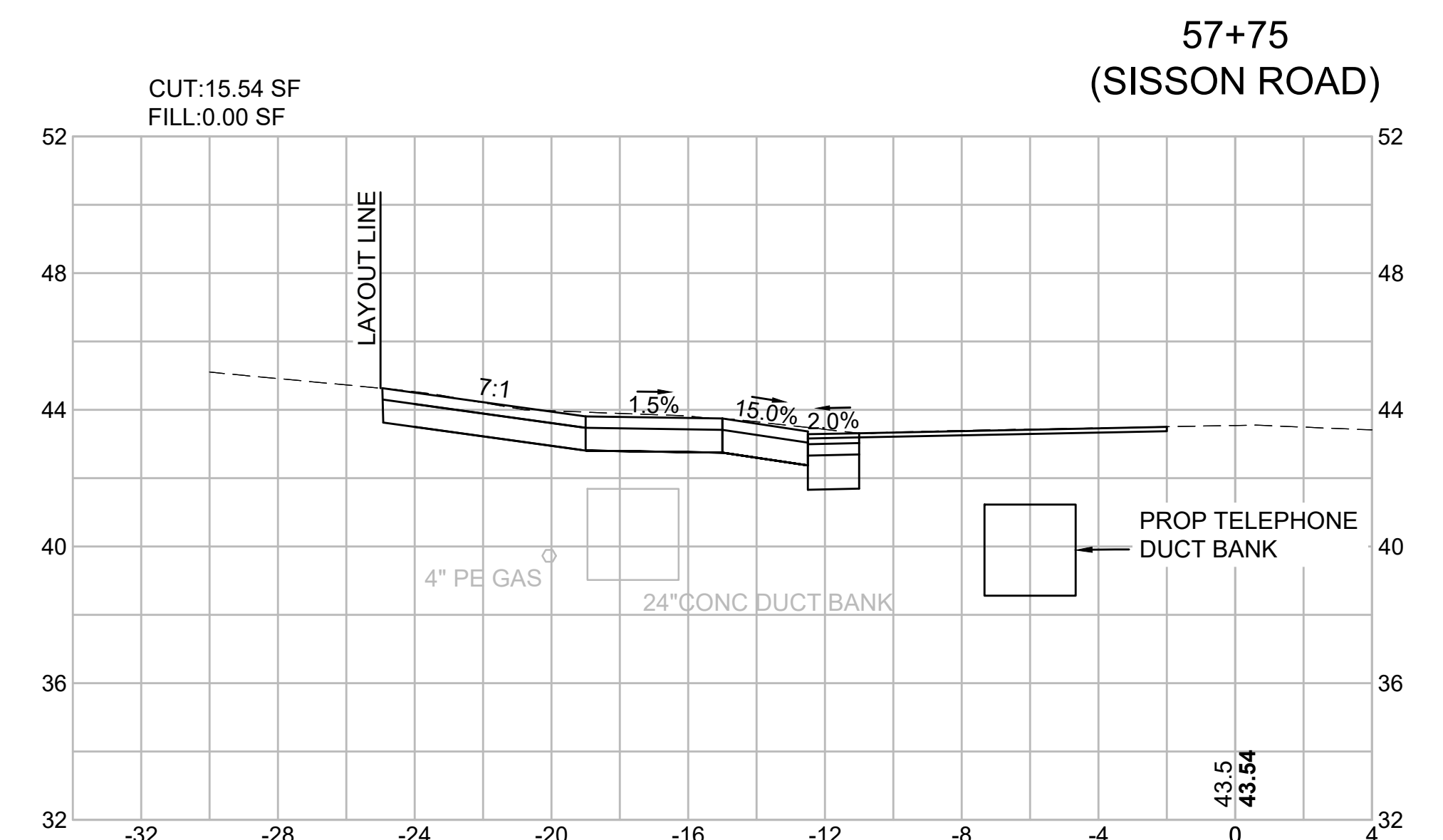
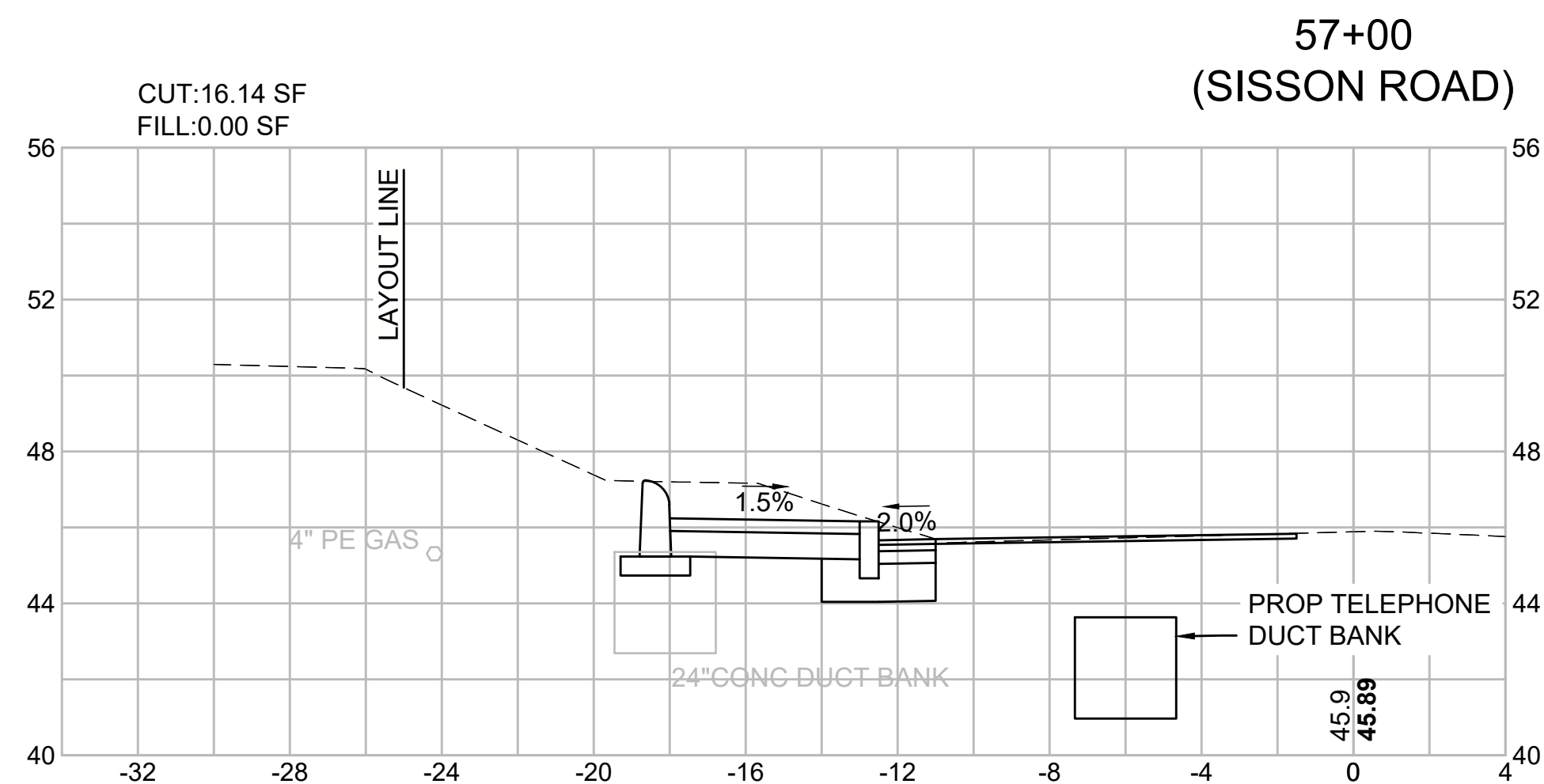
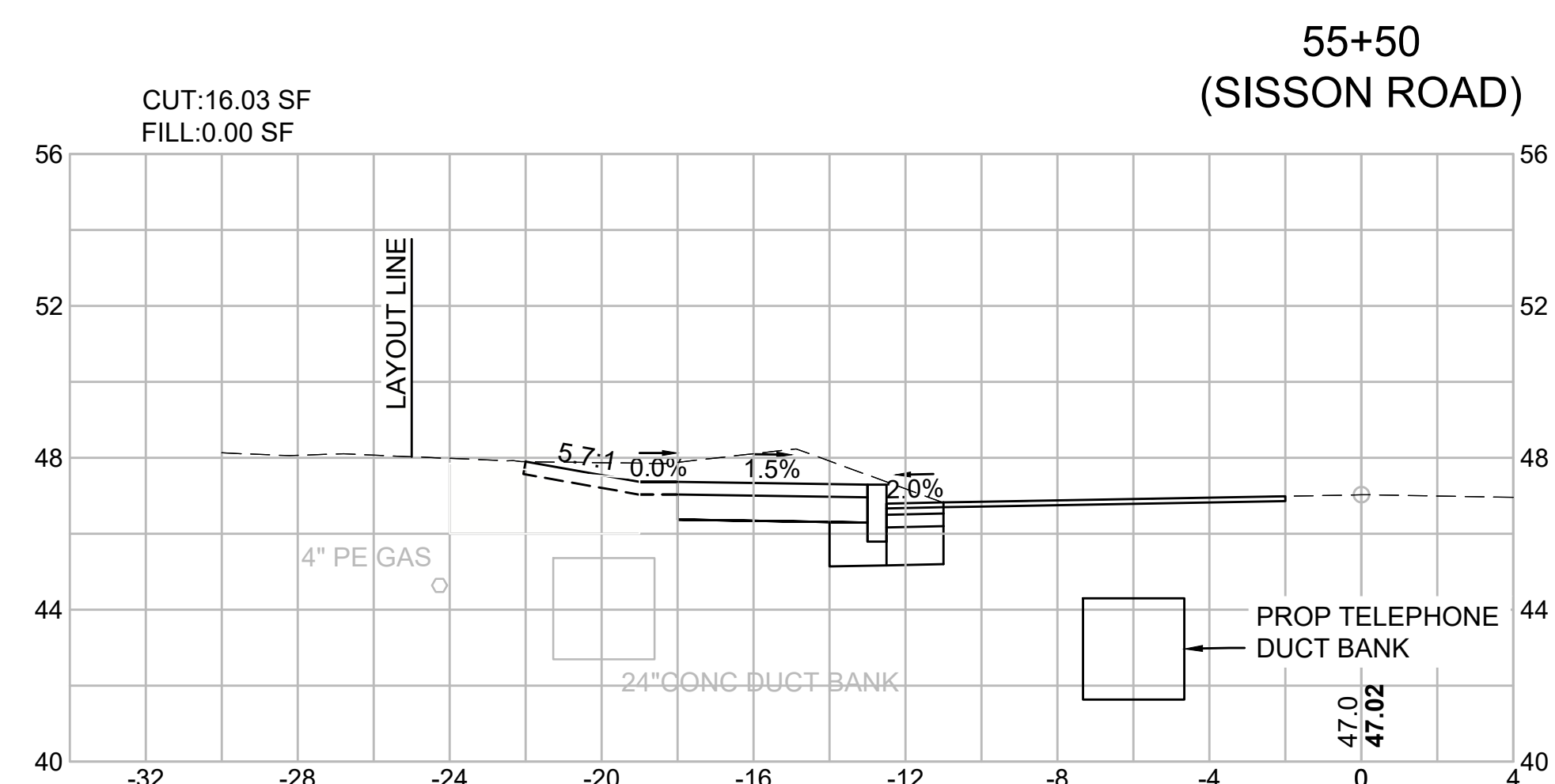
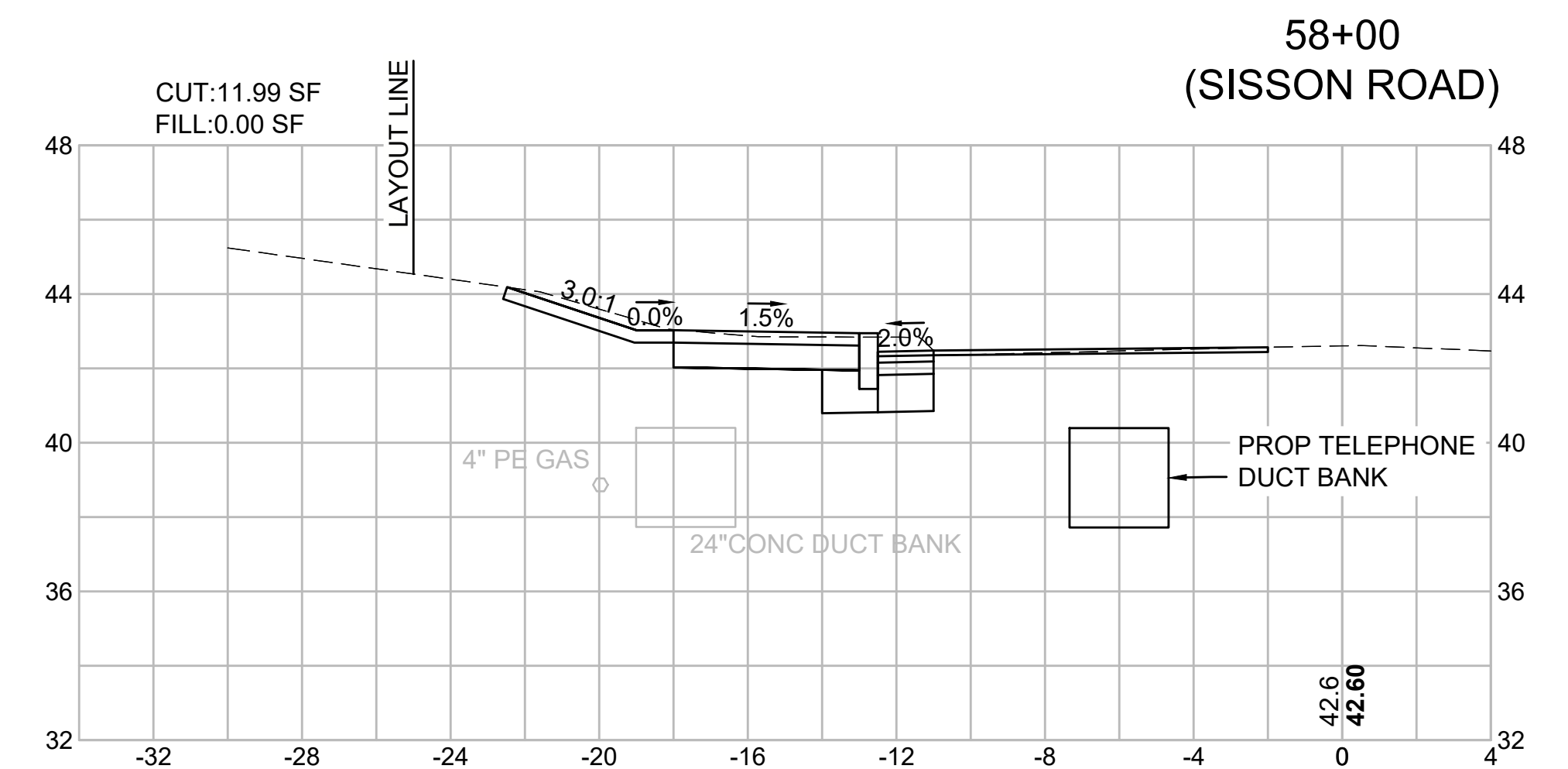
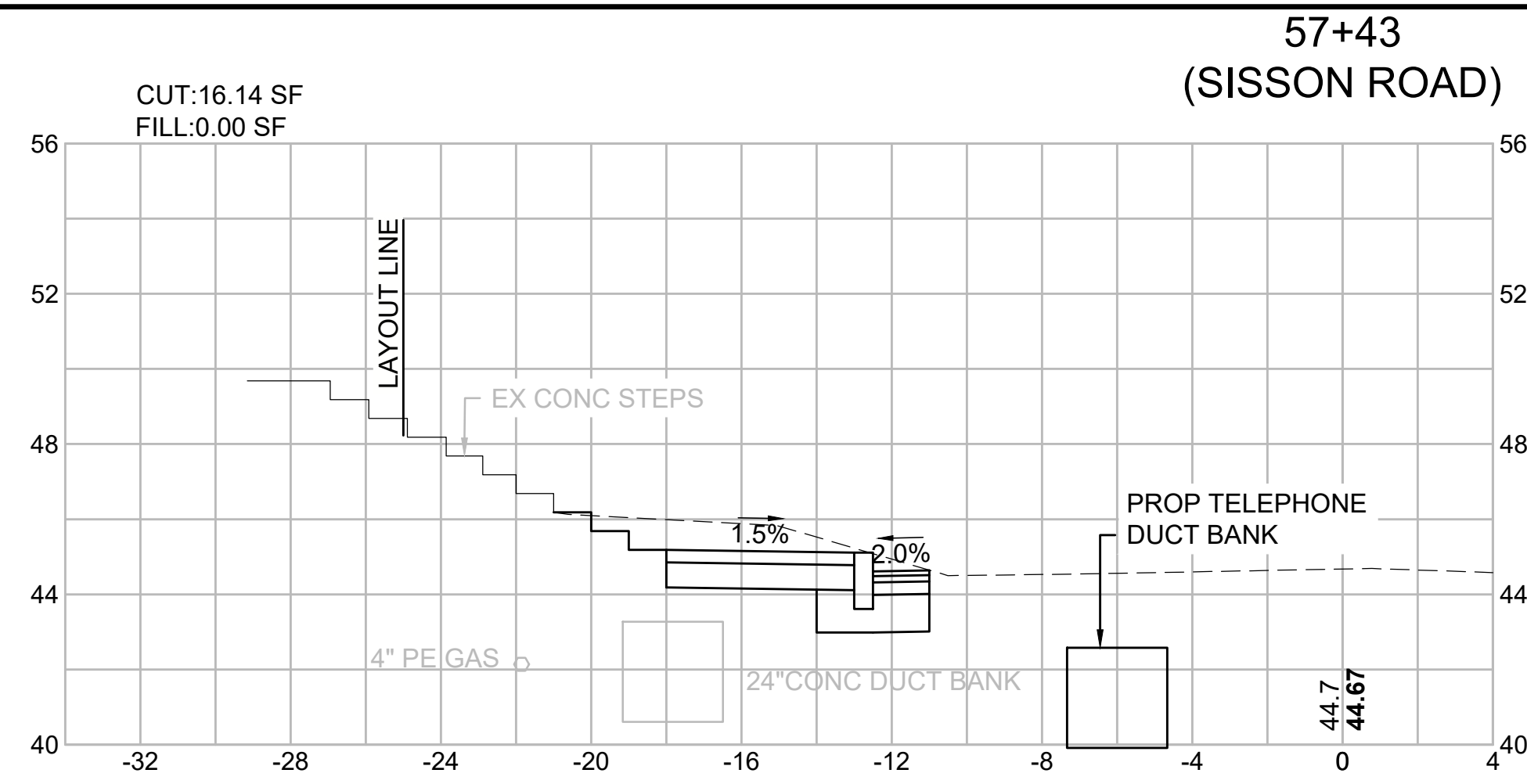
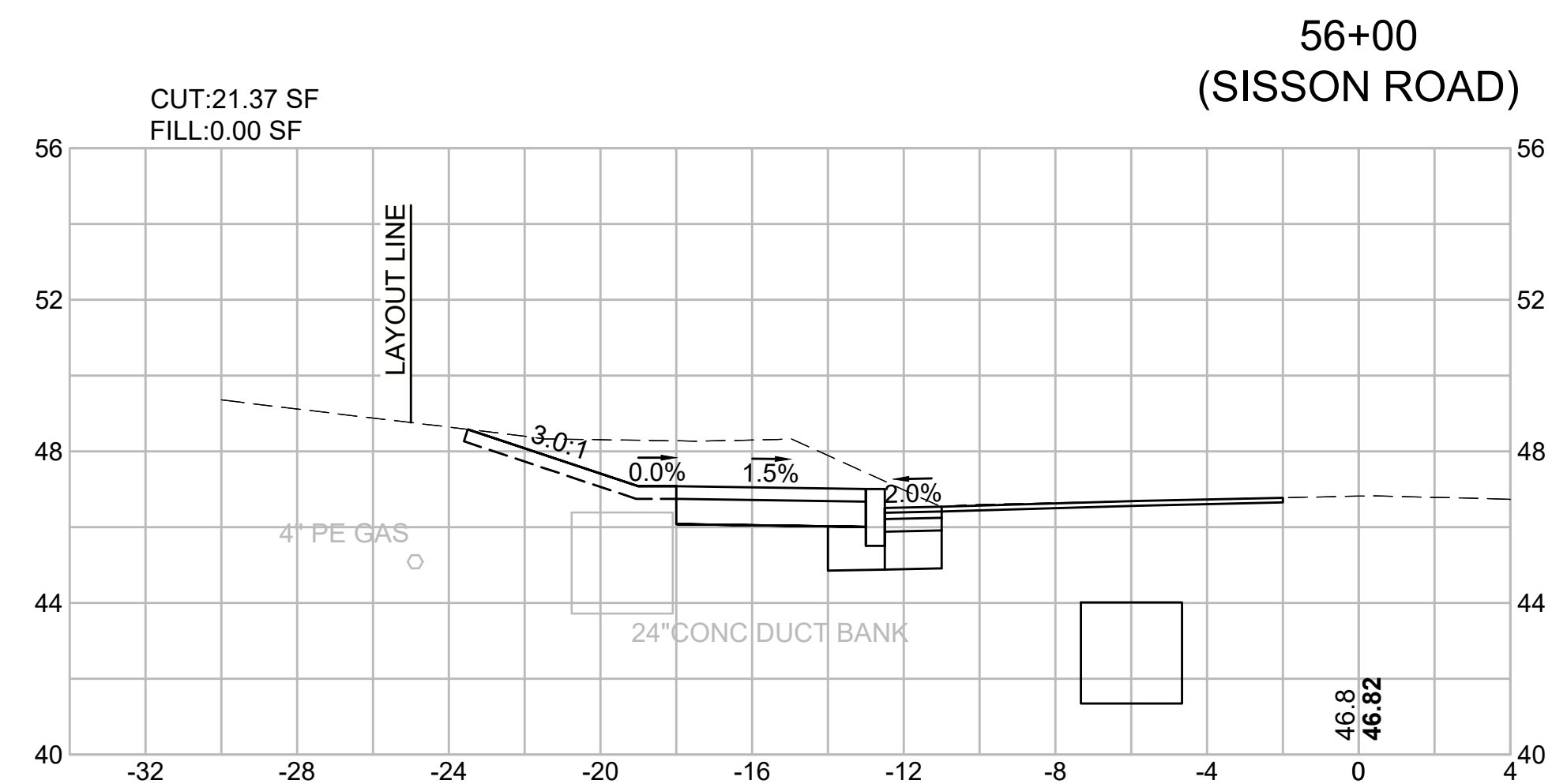
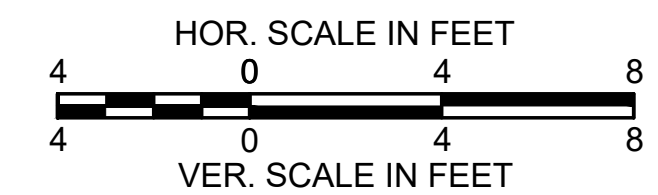
CROSS SECTIONS - 11
SISSON ROAD



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	67	71
PROJECT FILE NO. 610670			

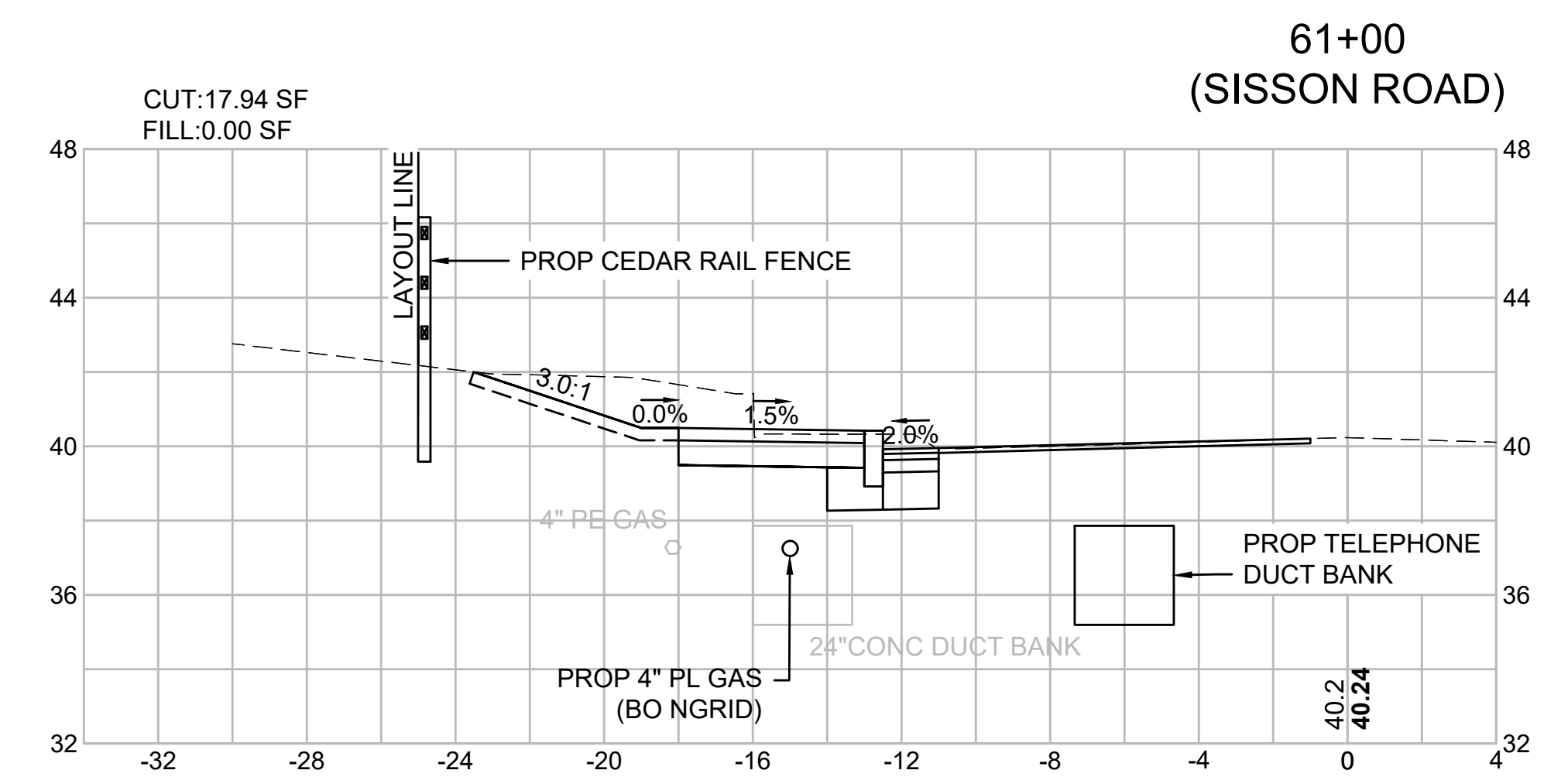
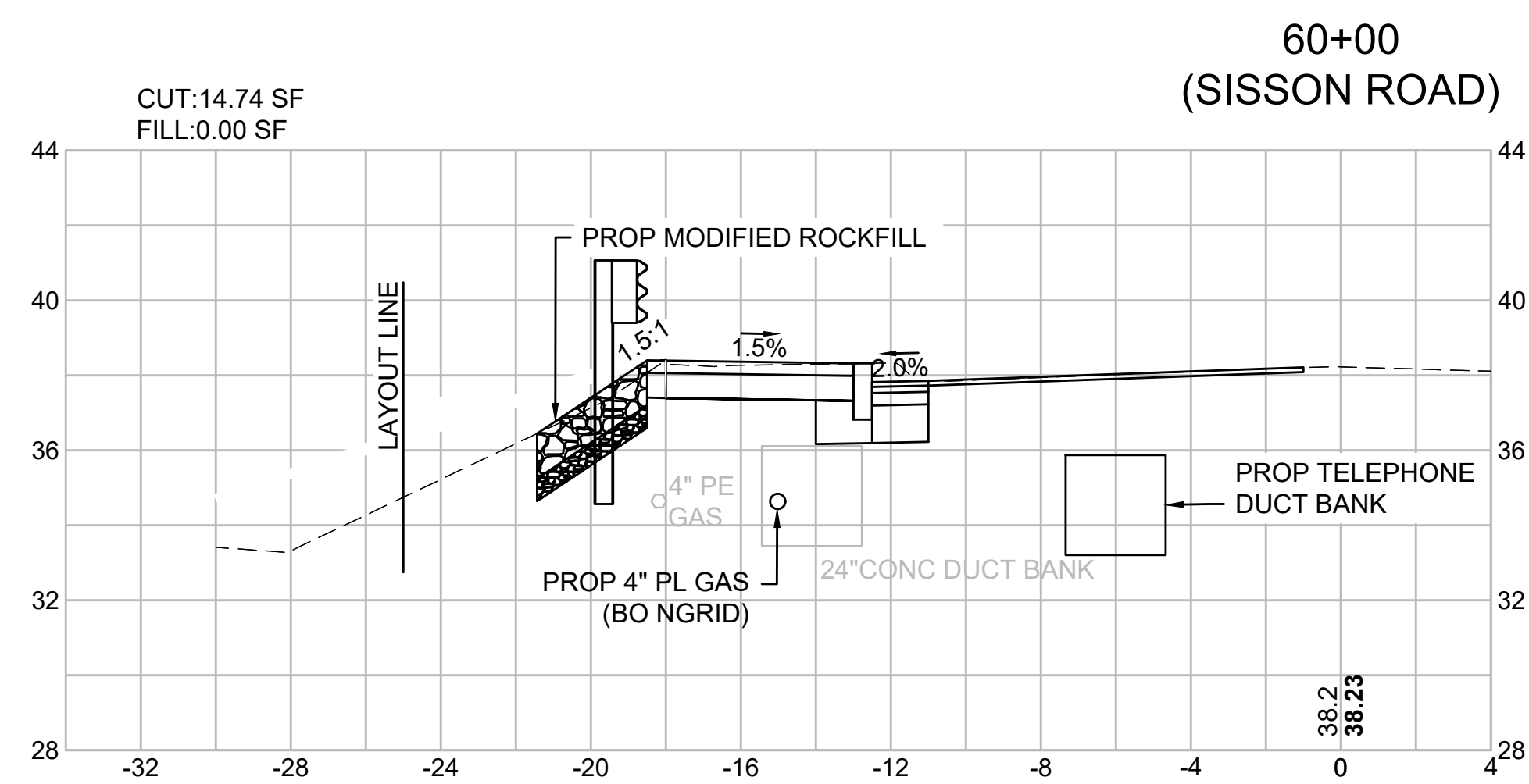
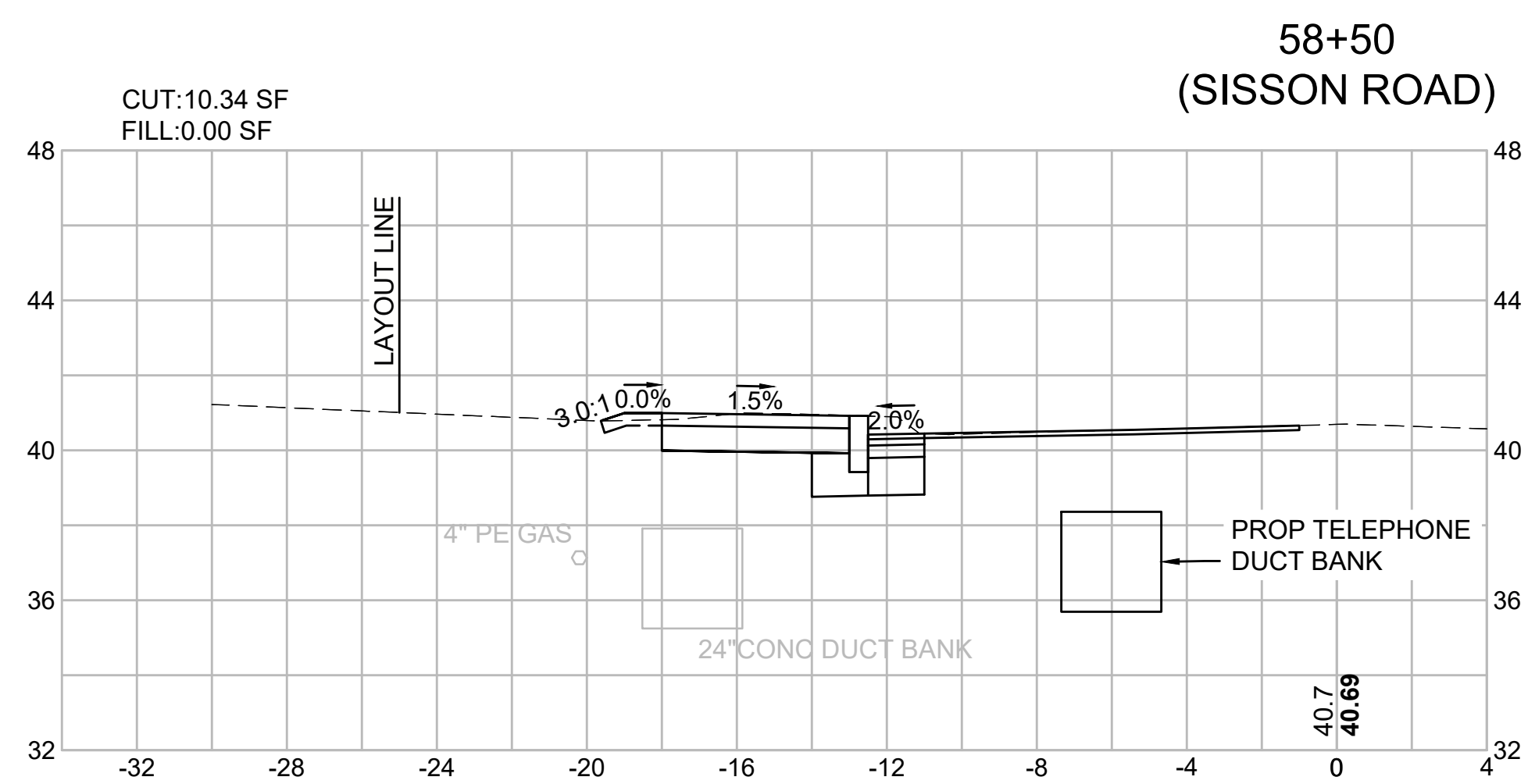
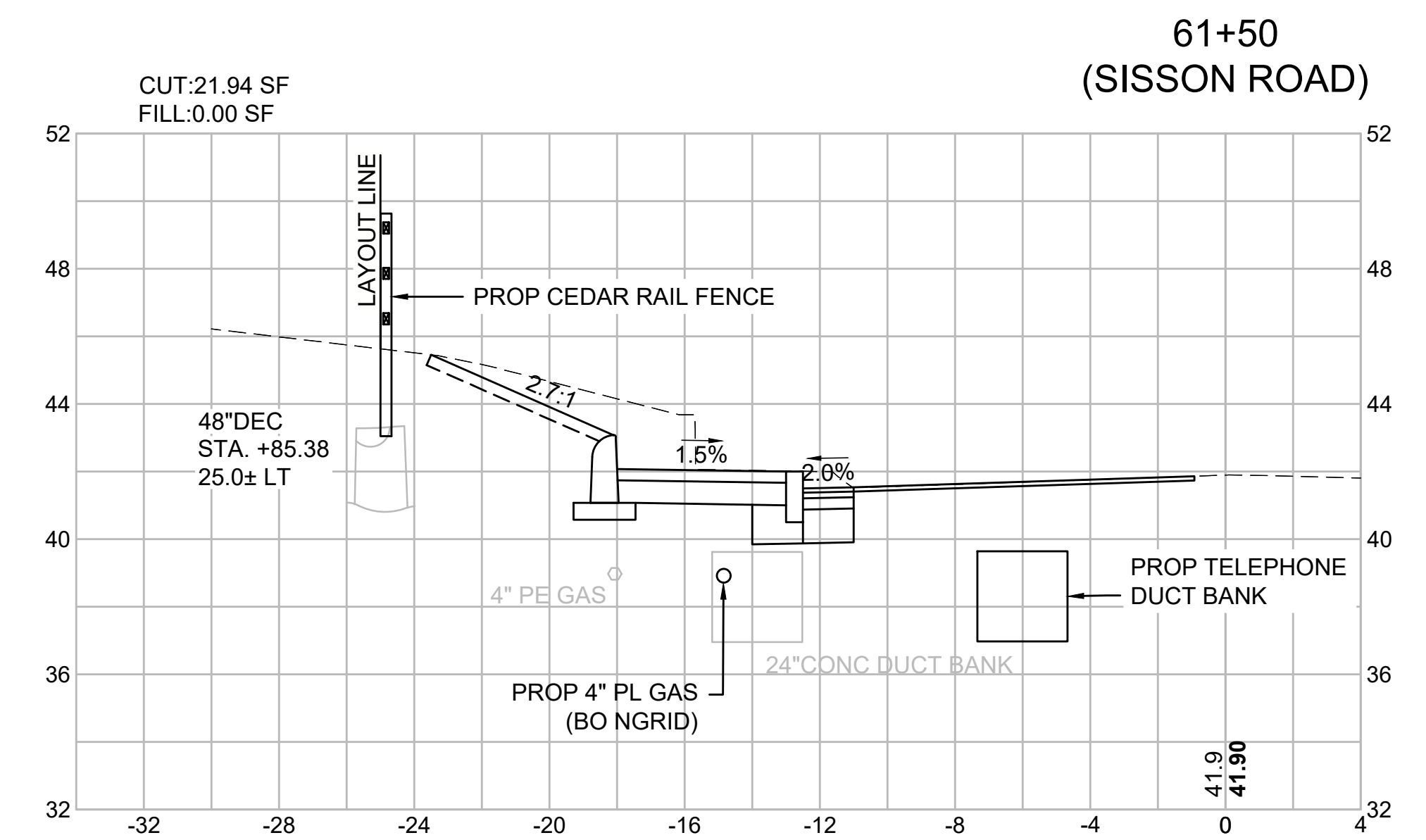
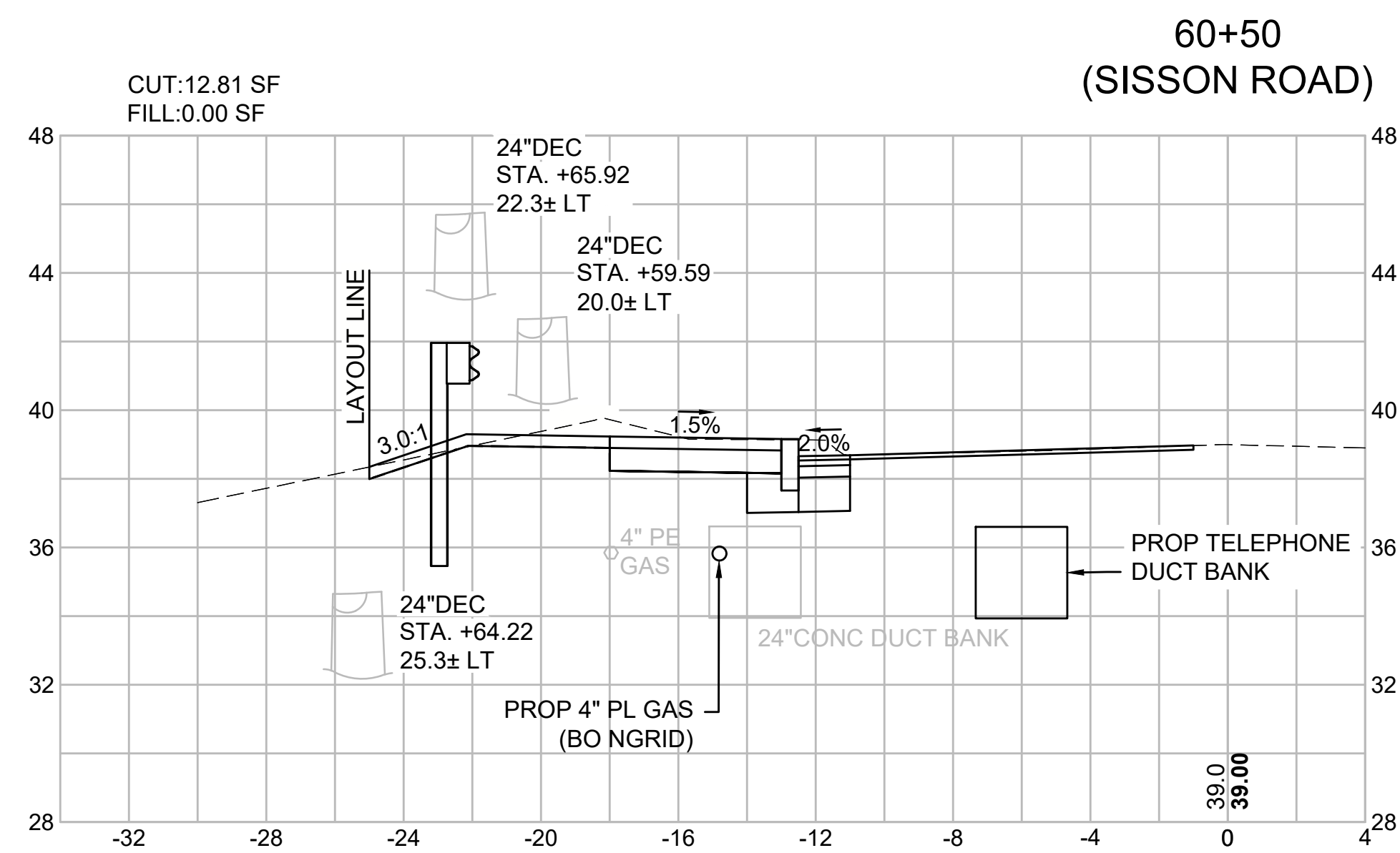
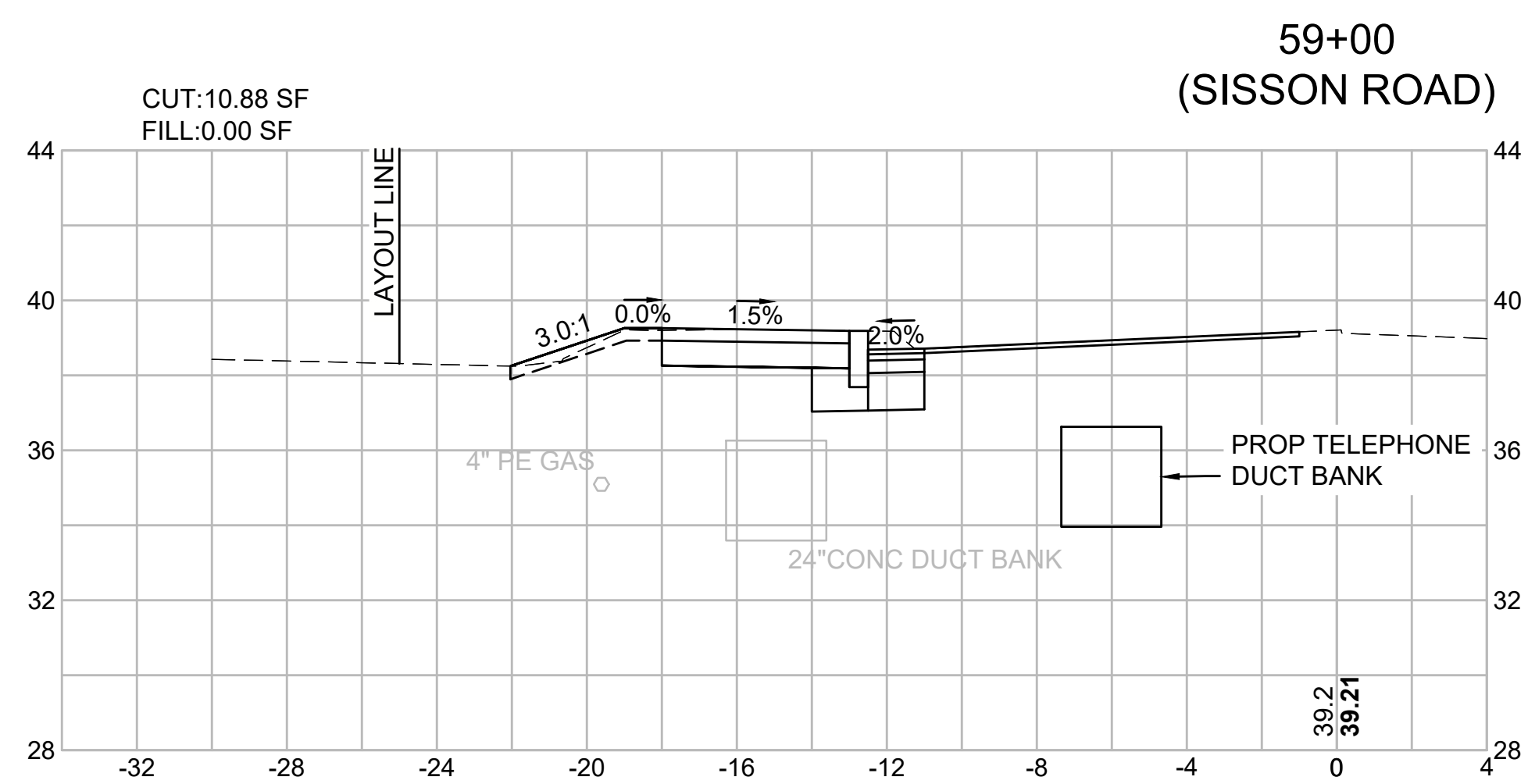
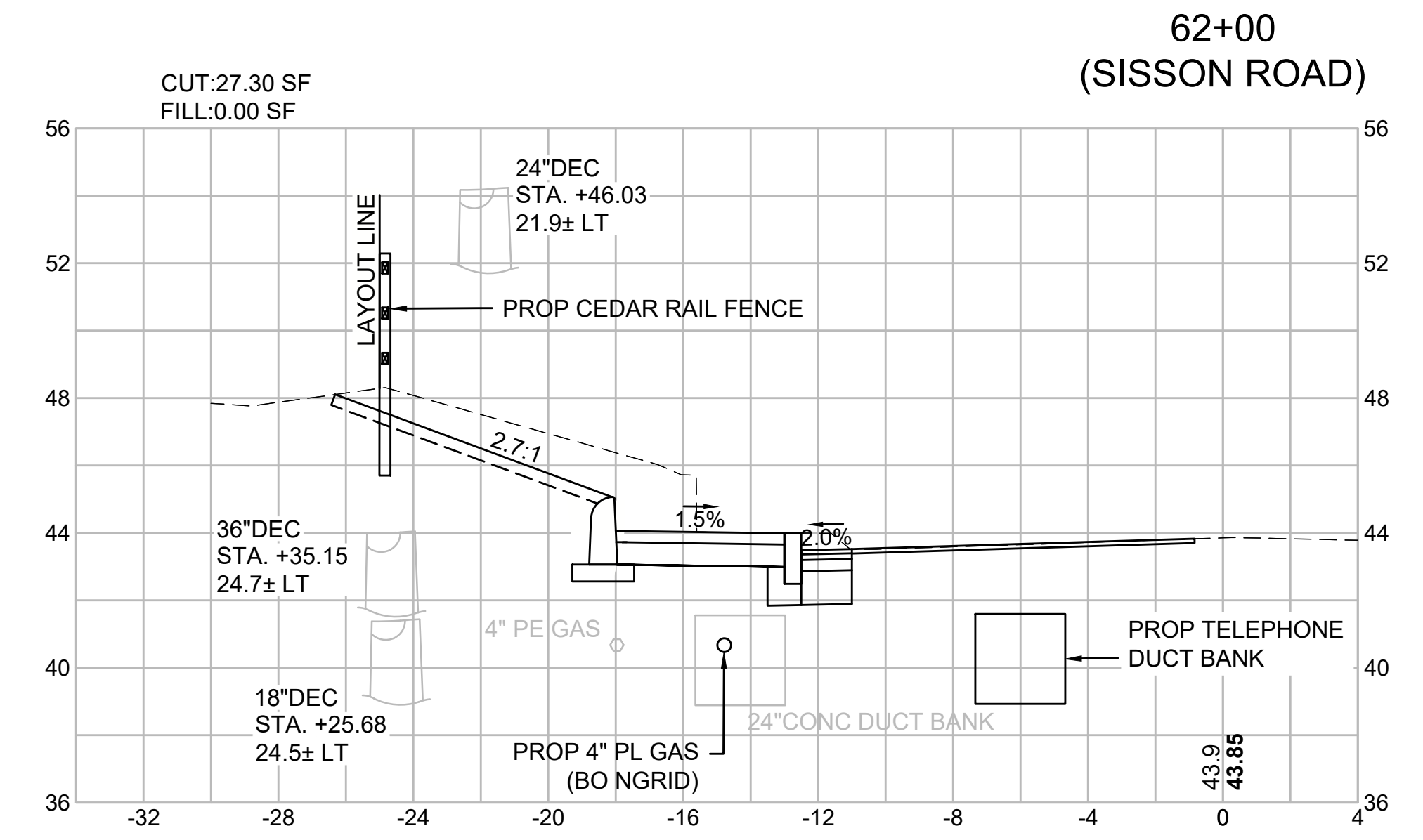
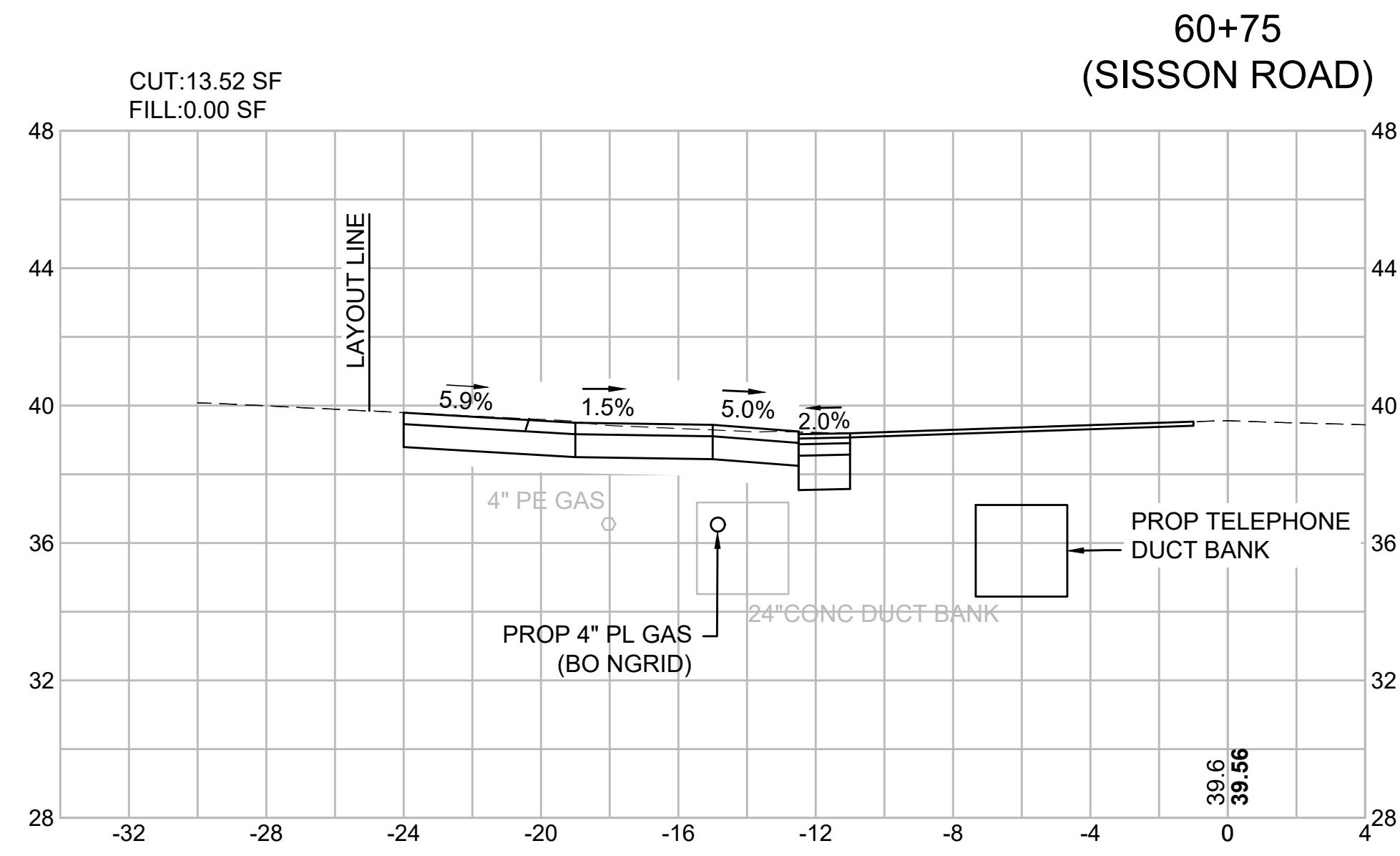
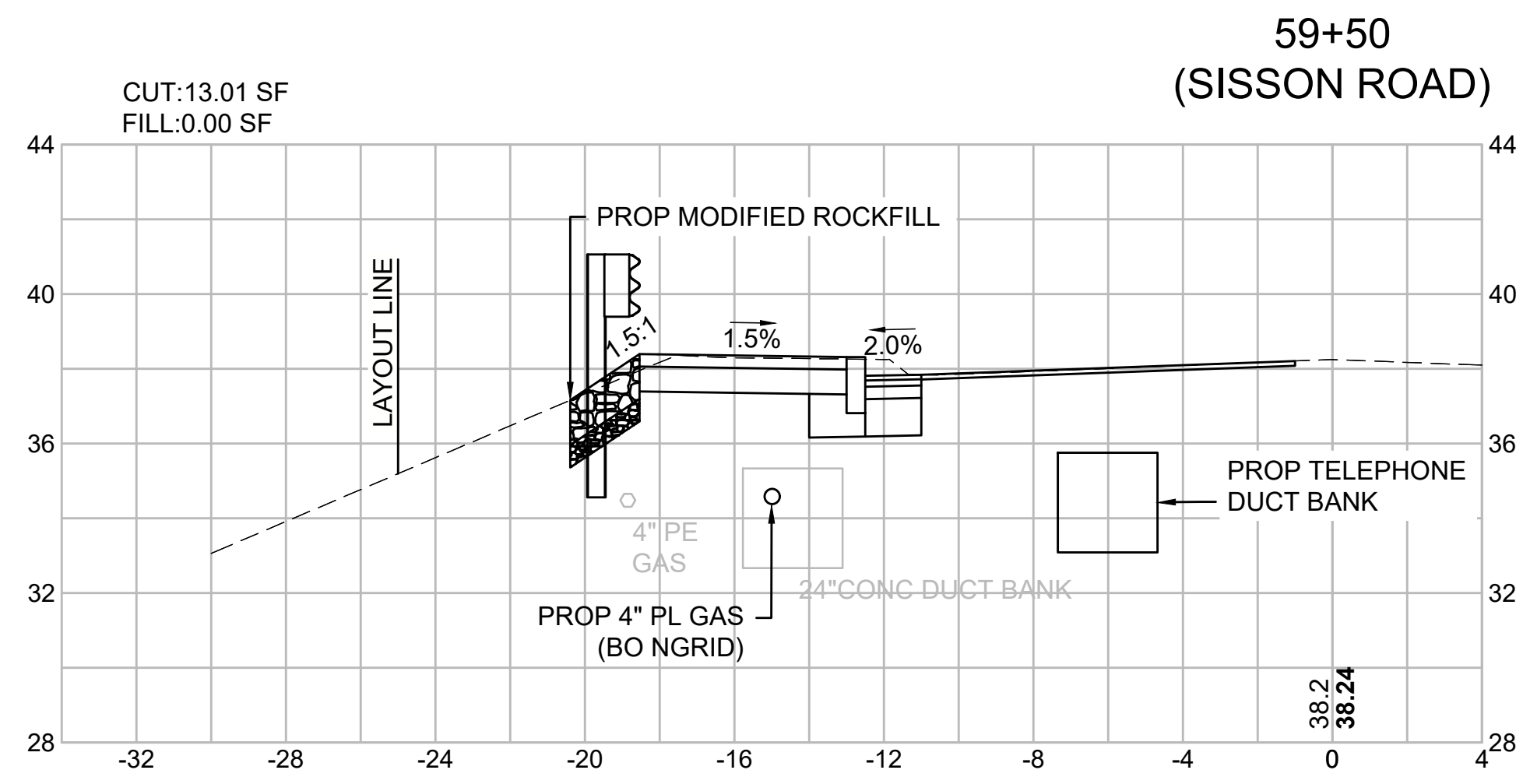
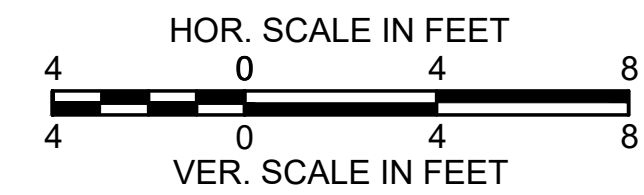
CROSS SECTIONS - 12
SISSON ROAD



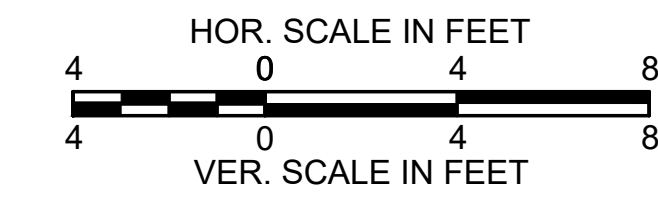
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	68	71
PROJECT FILE NO. 610670			

CROSS SECTIONS - 13
SISSON ROAD

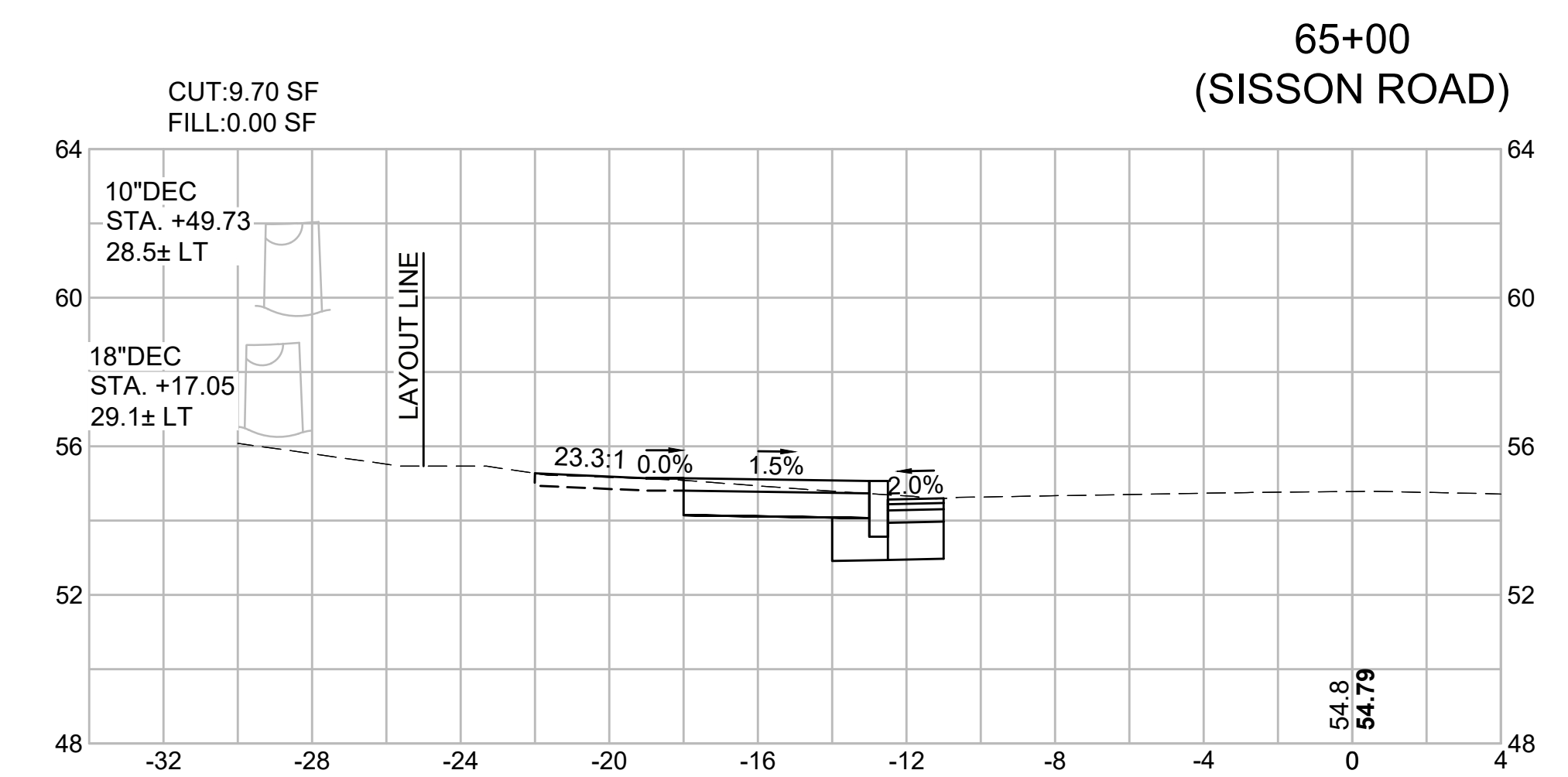
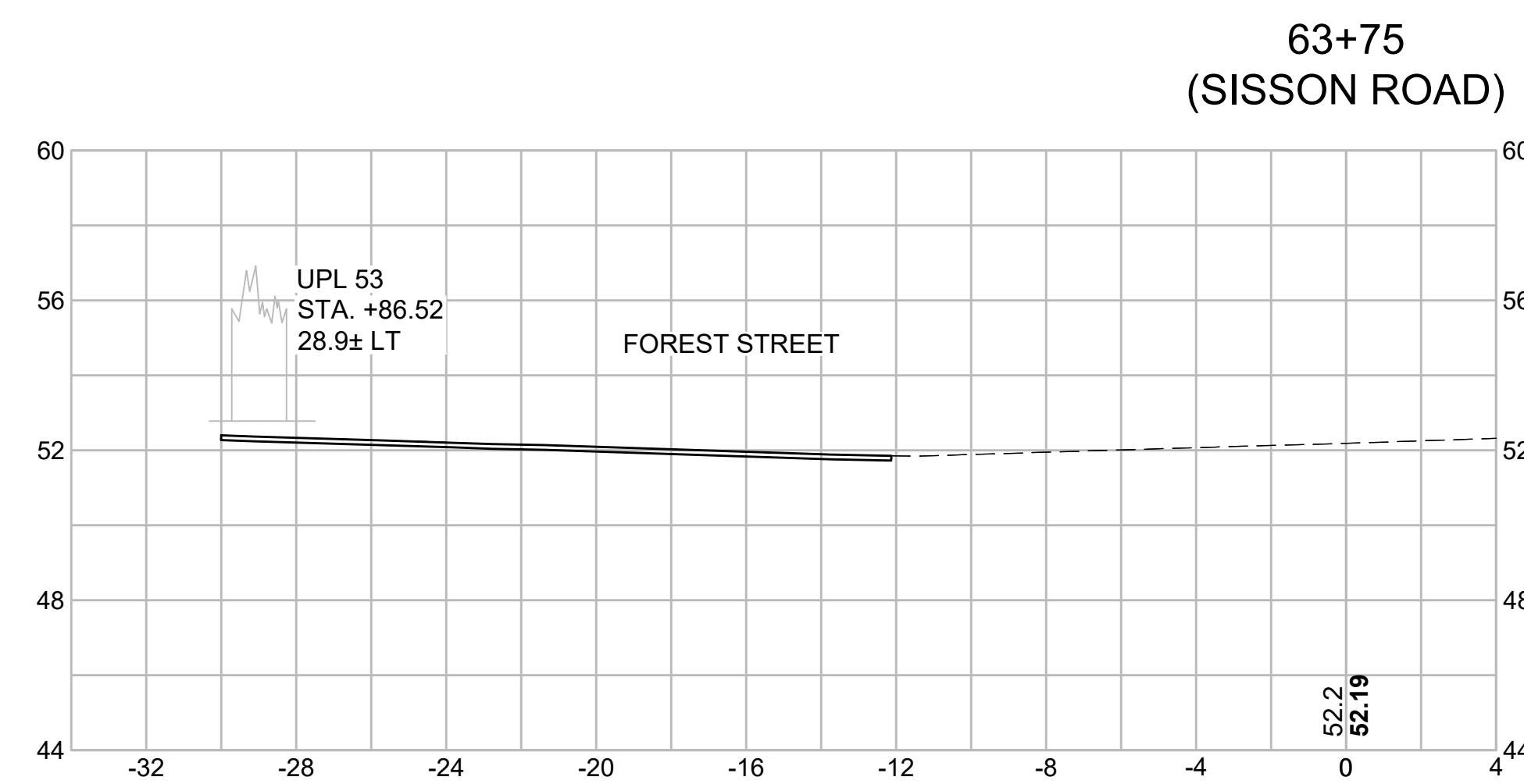
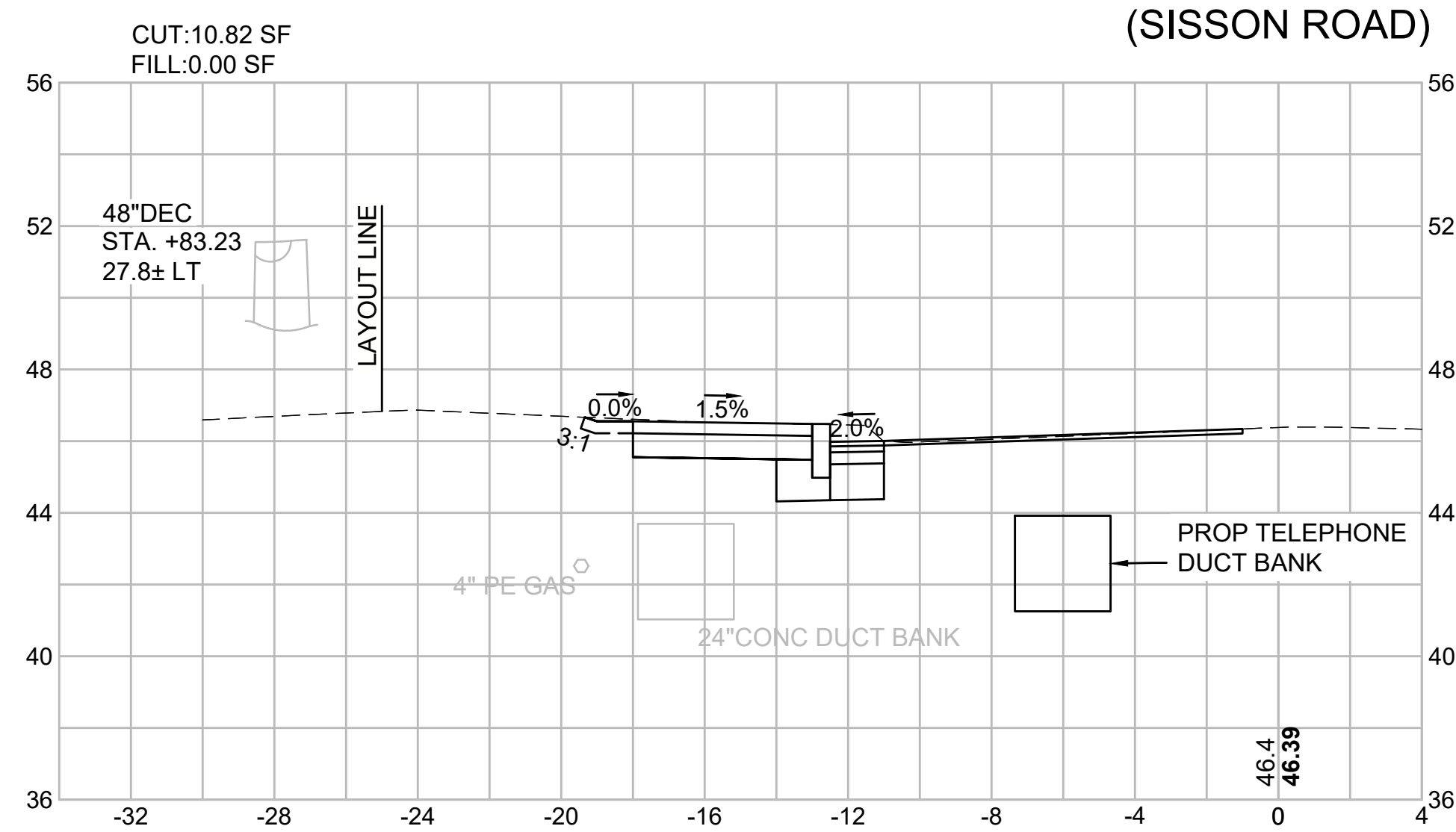
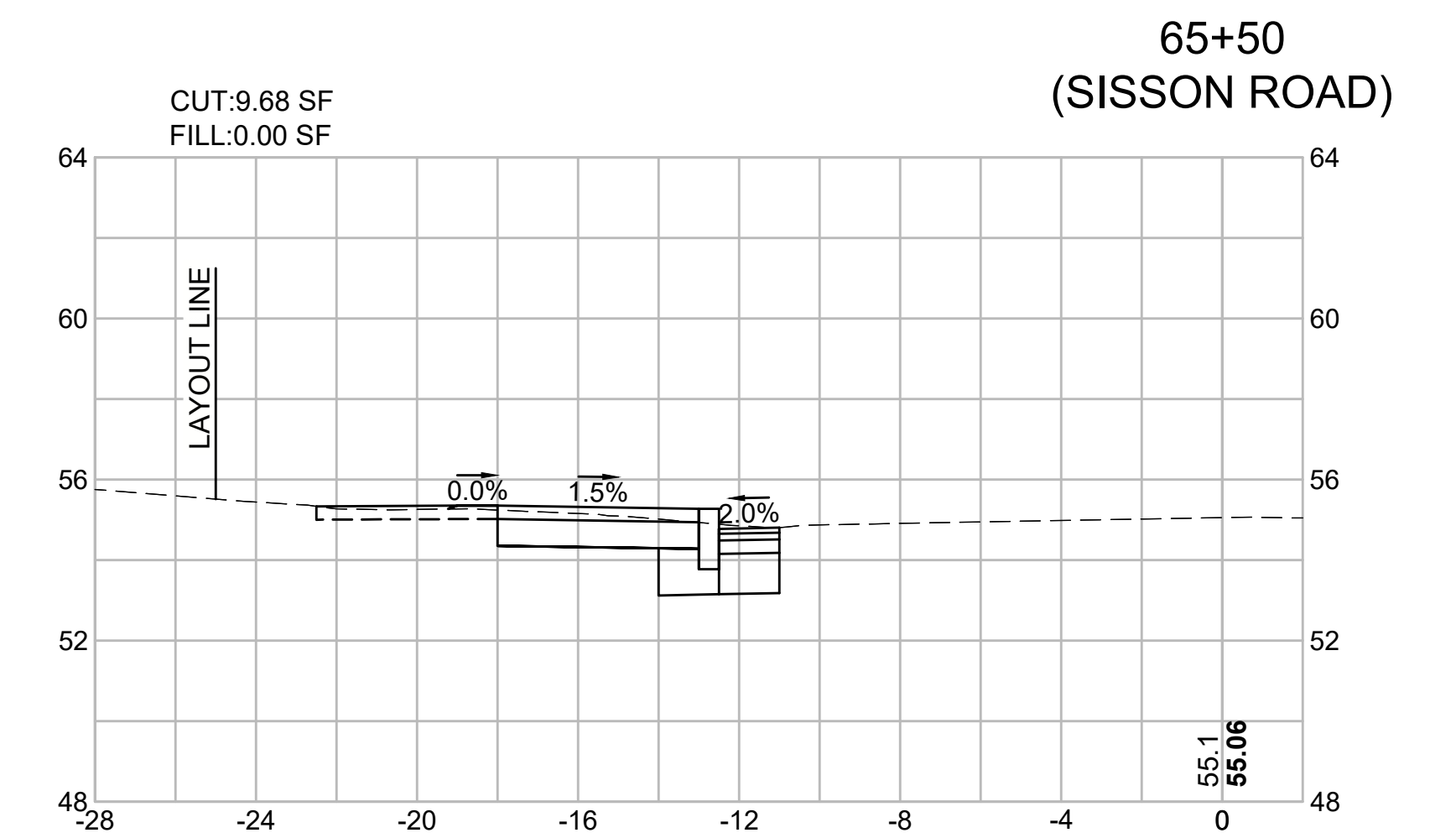
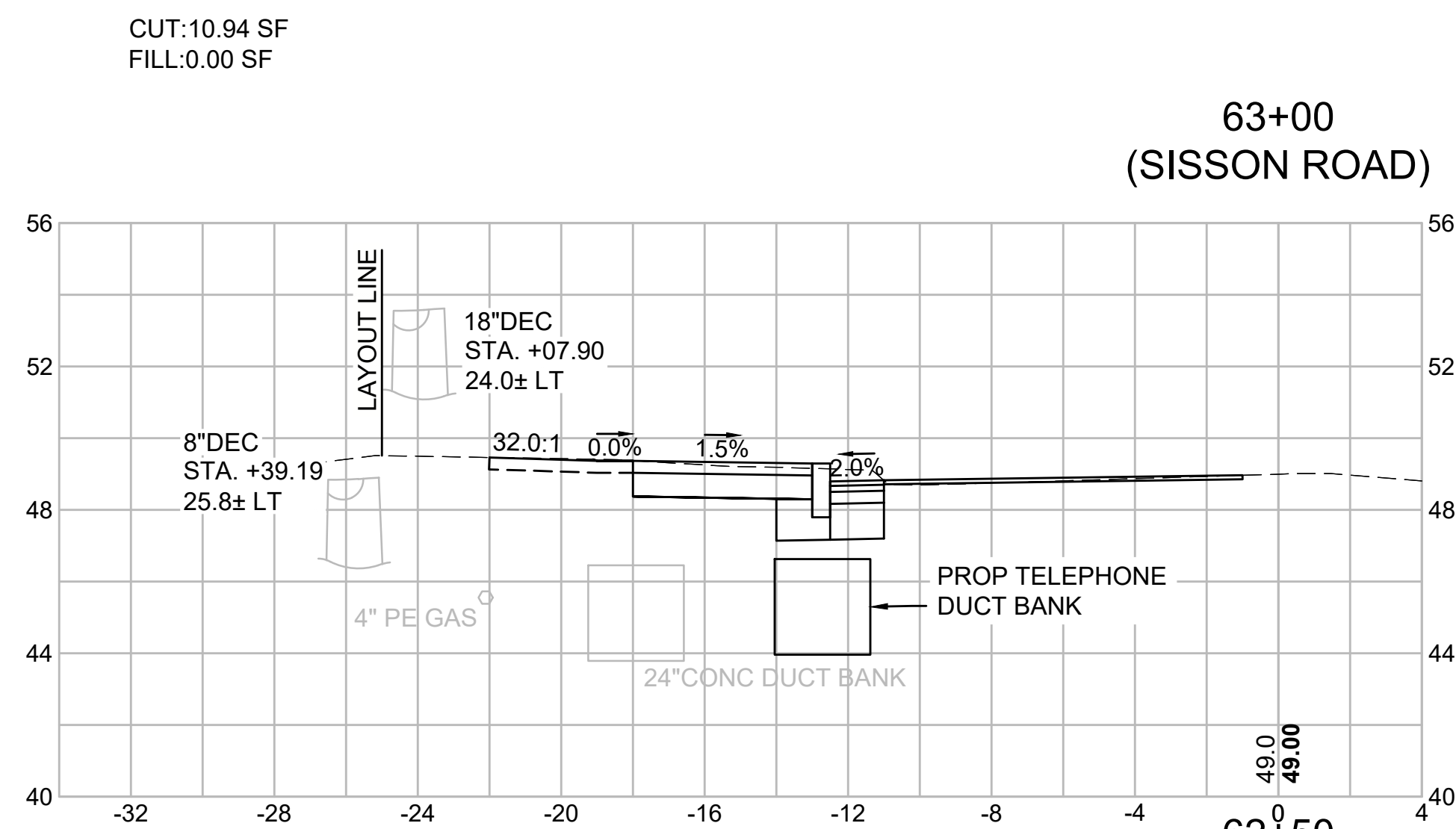
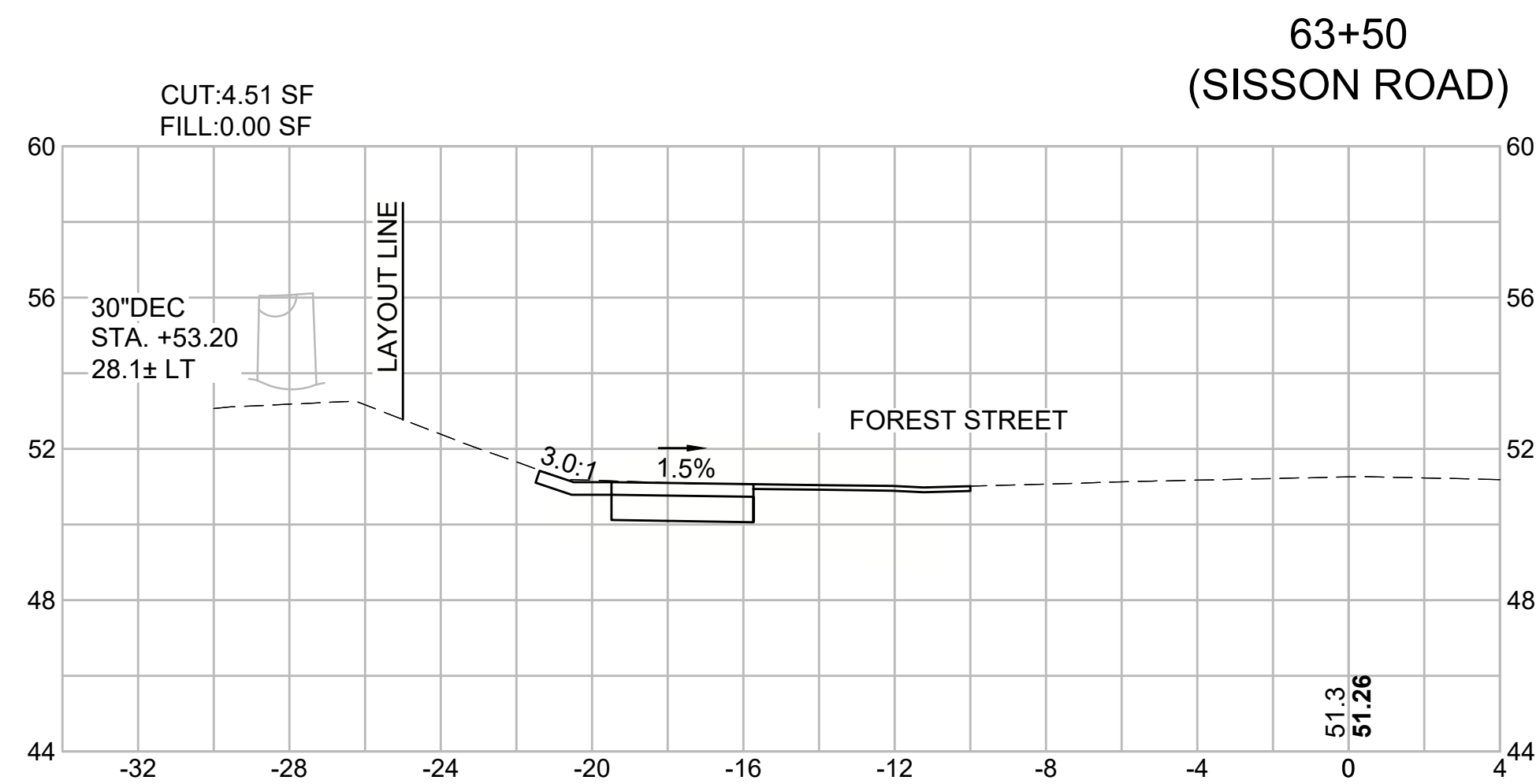


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	69	71
PROJECT FILE NO. 610670			

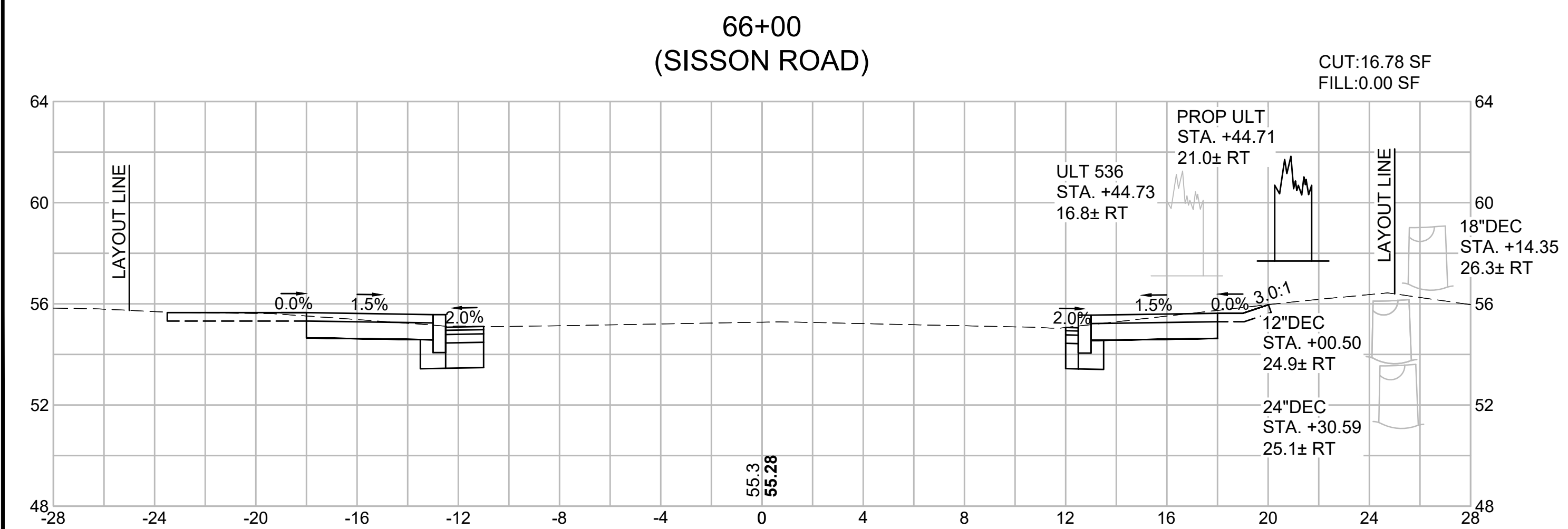
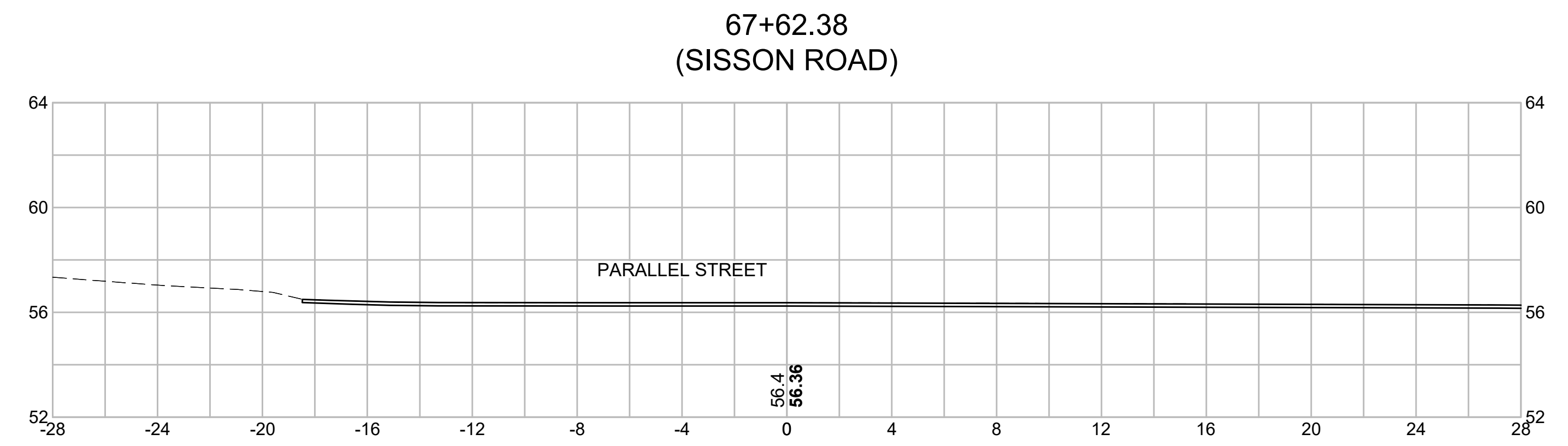
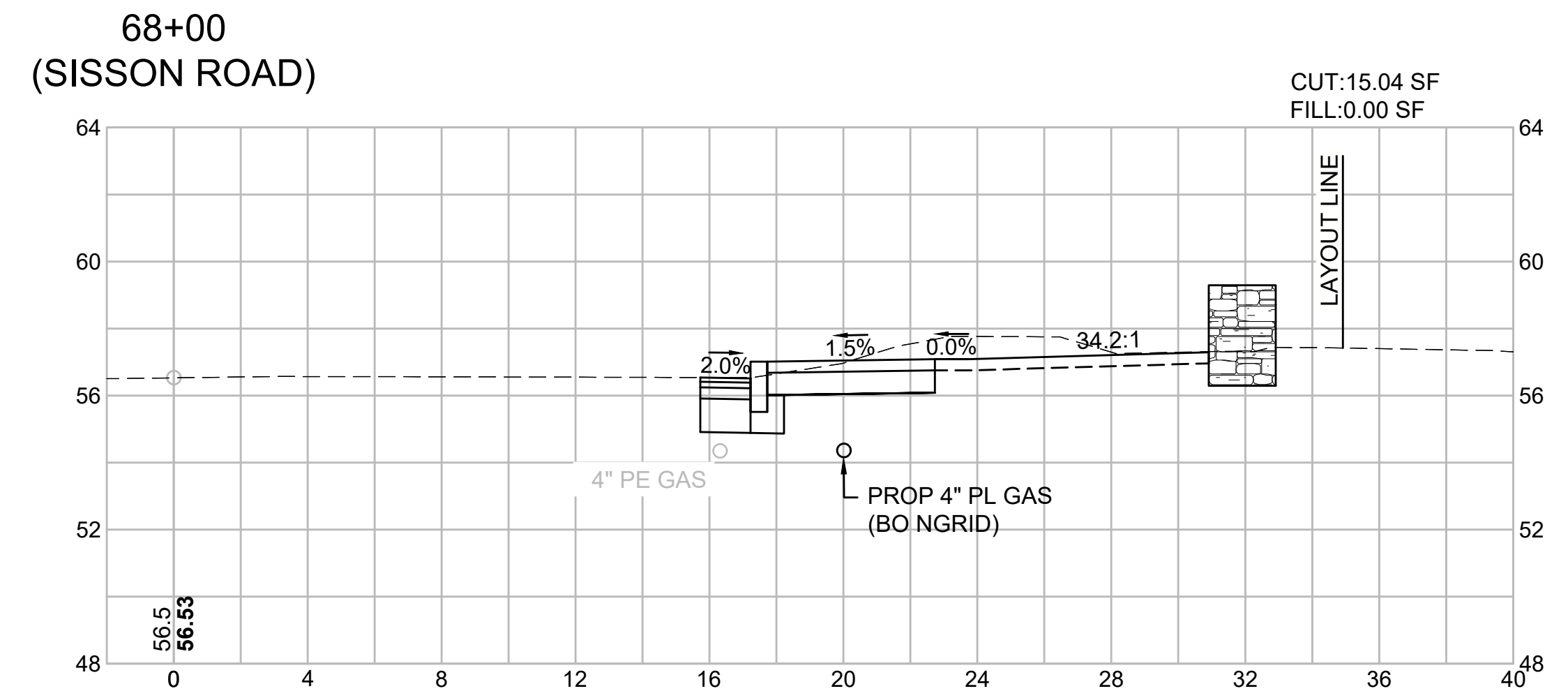
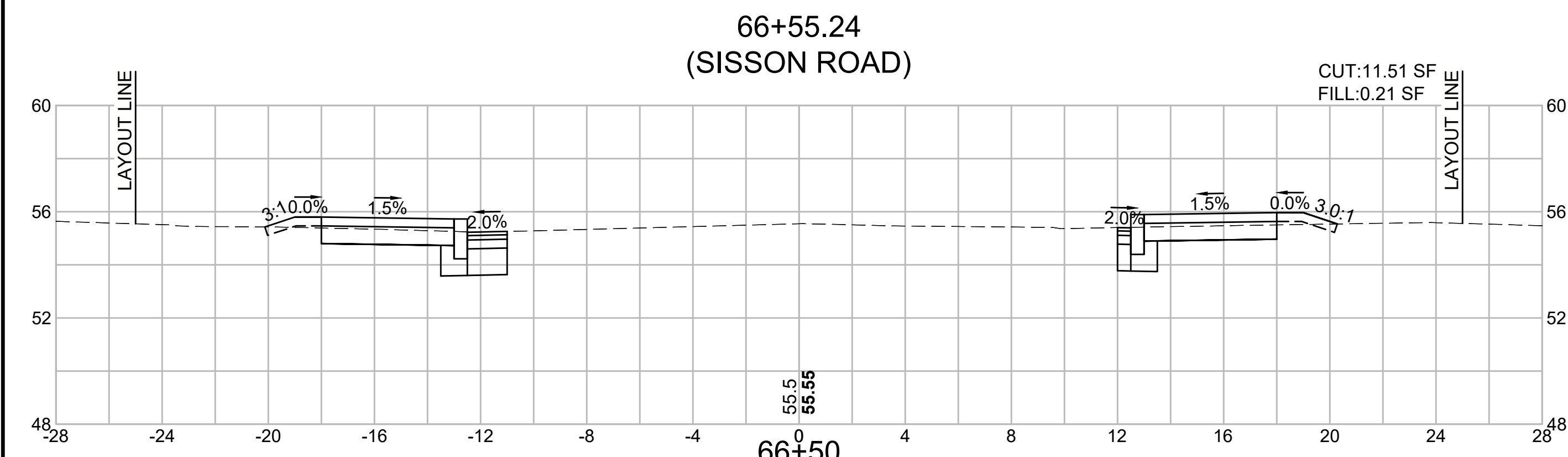
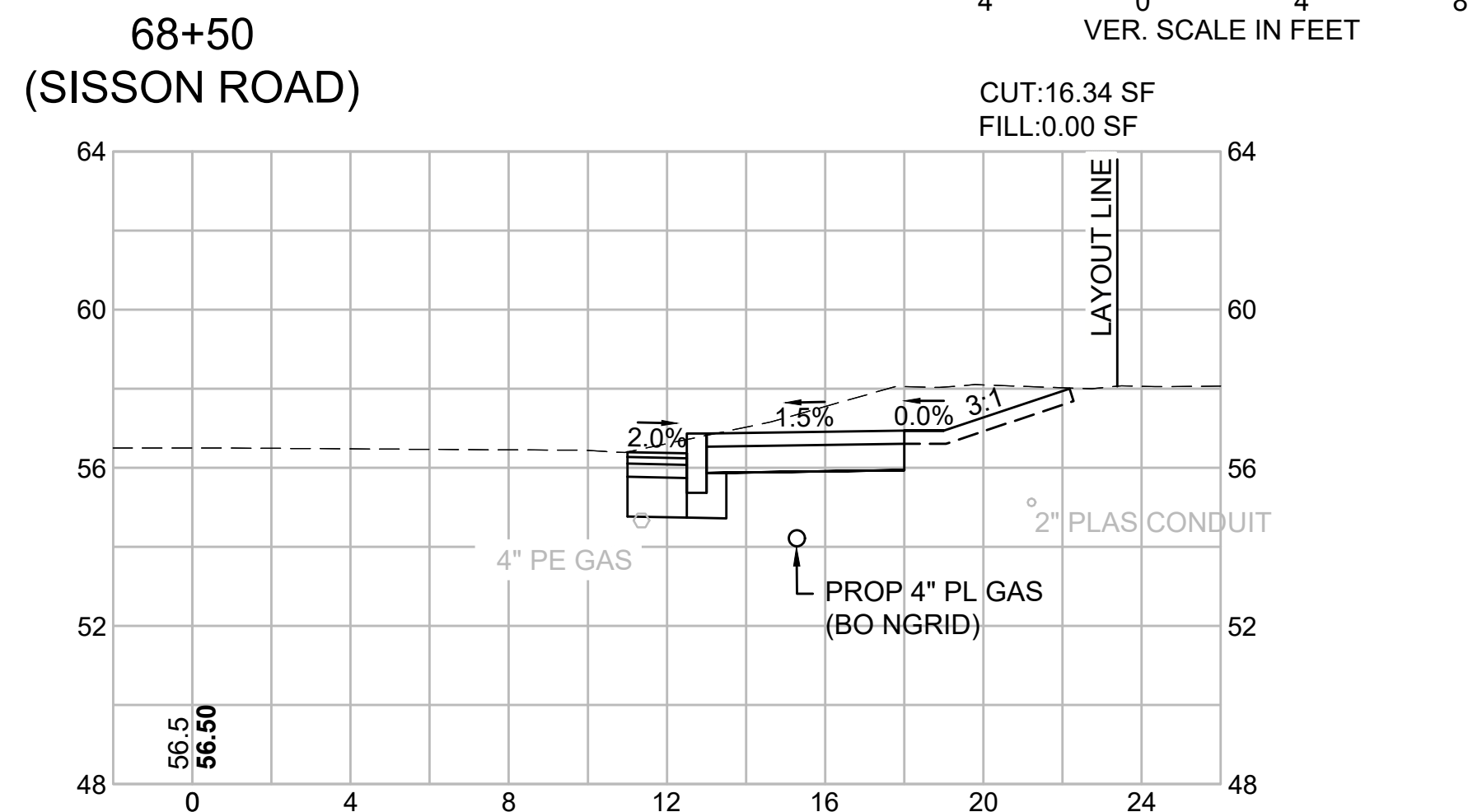
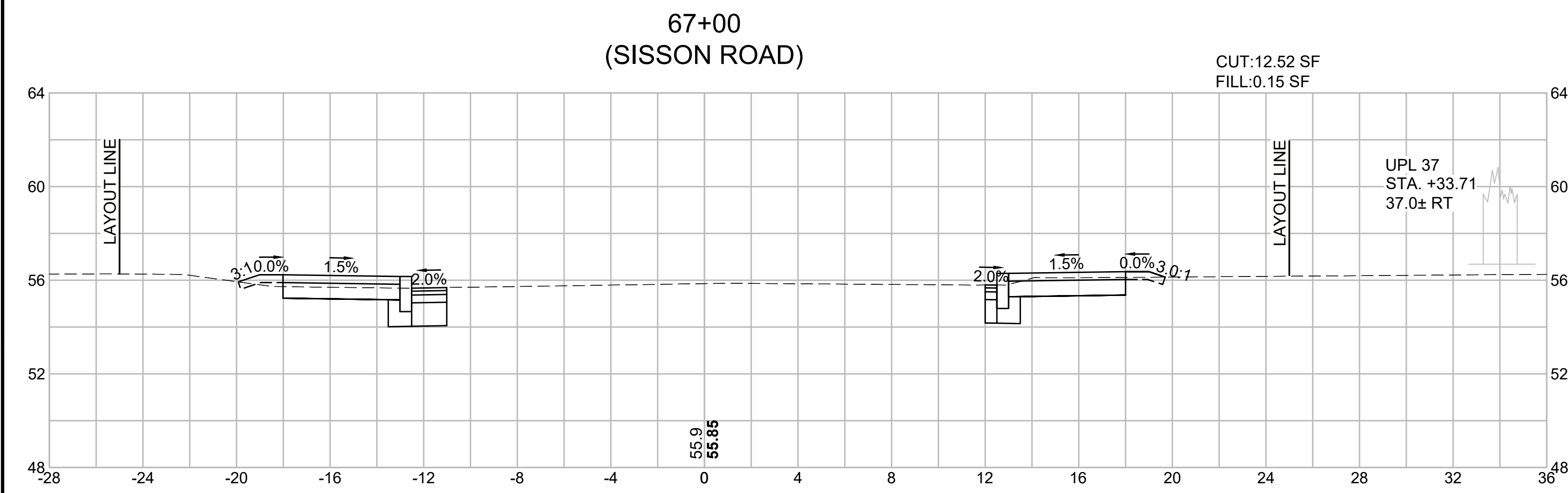
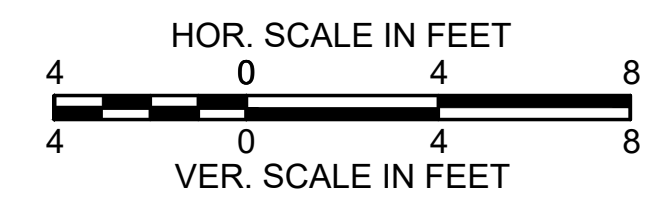
CROSS SECTIONS - 14
SISSON ROAD



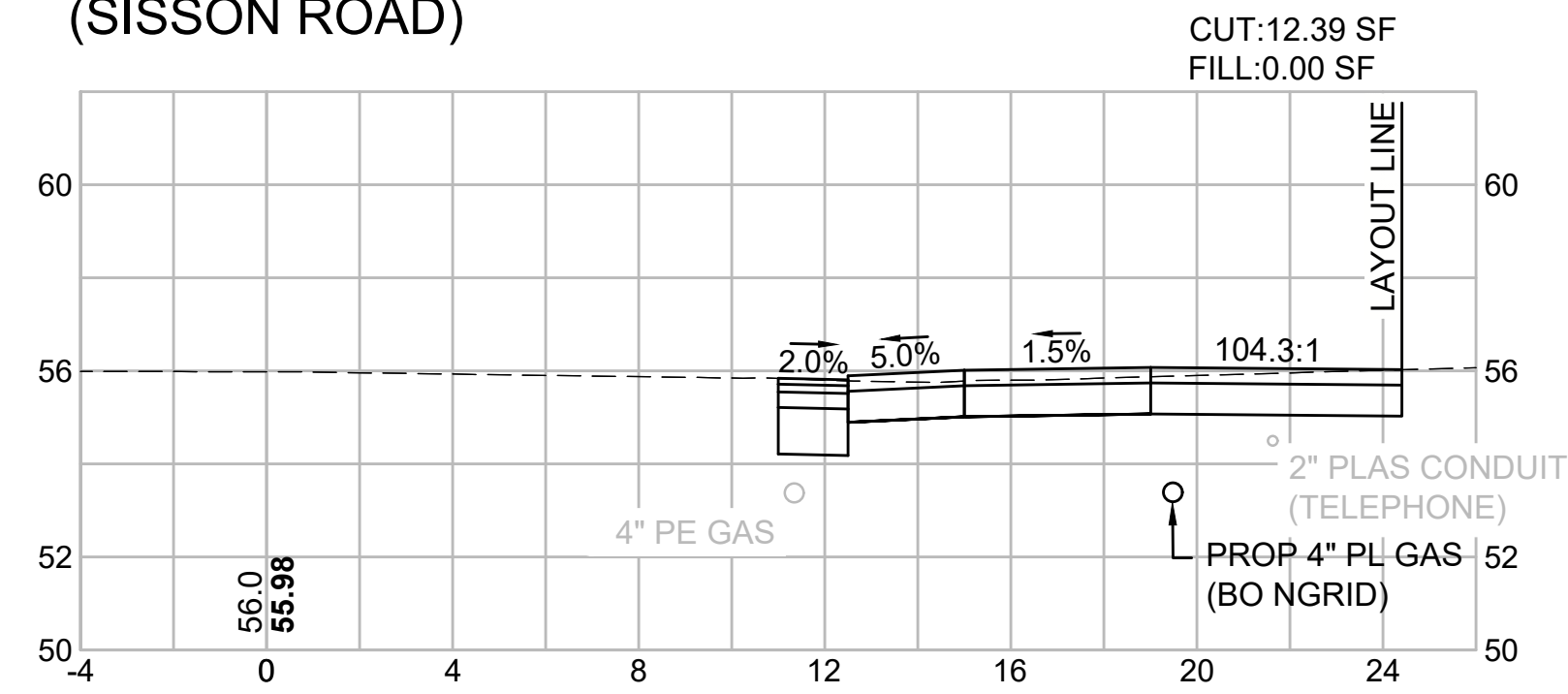
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	70	71
PROJECT FILE NO. 610670			

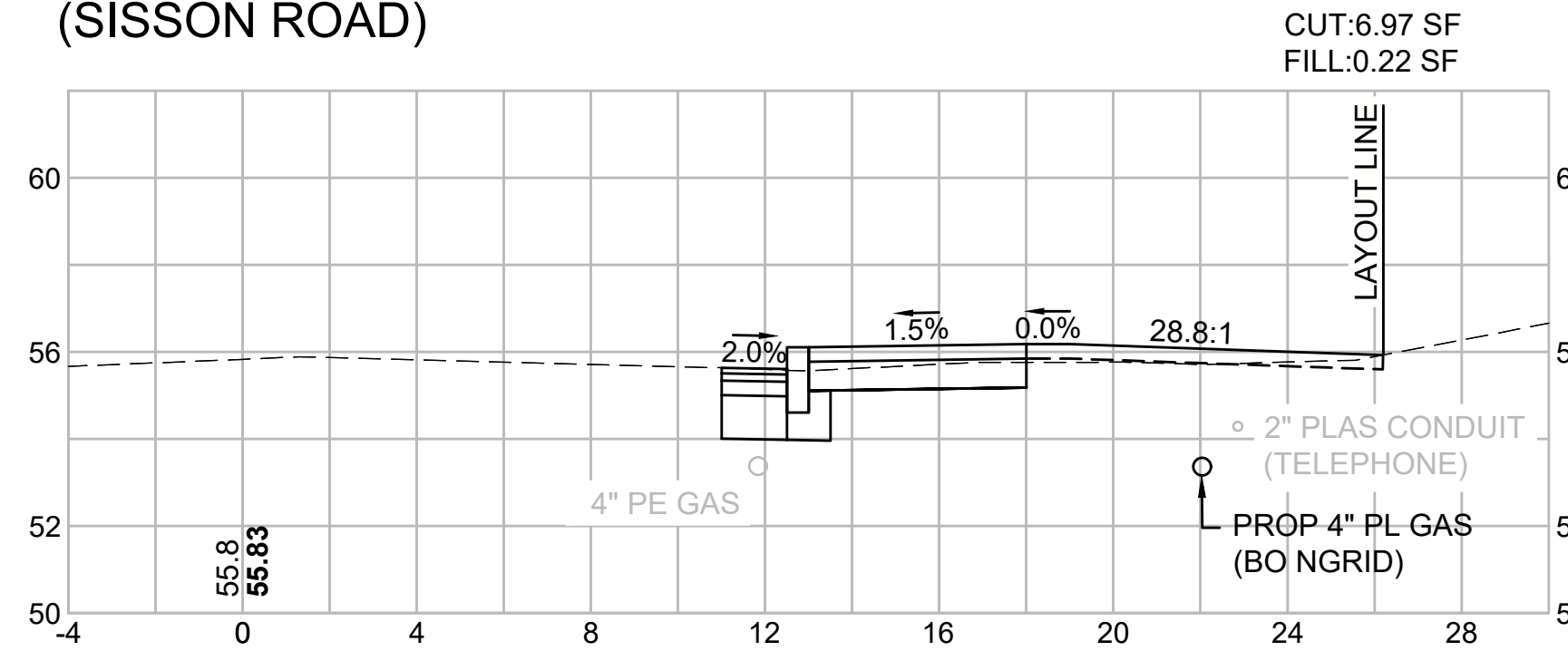
CROSS SECTIONS - 15
SISSON ROAD



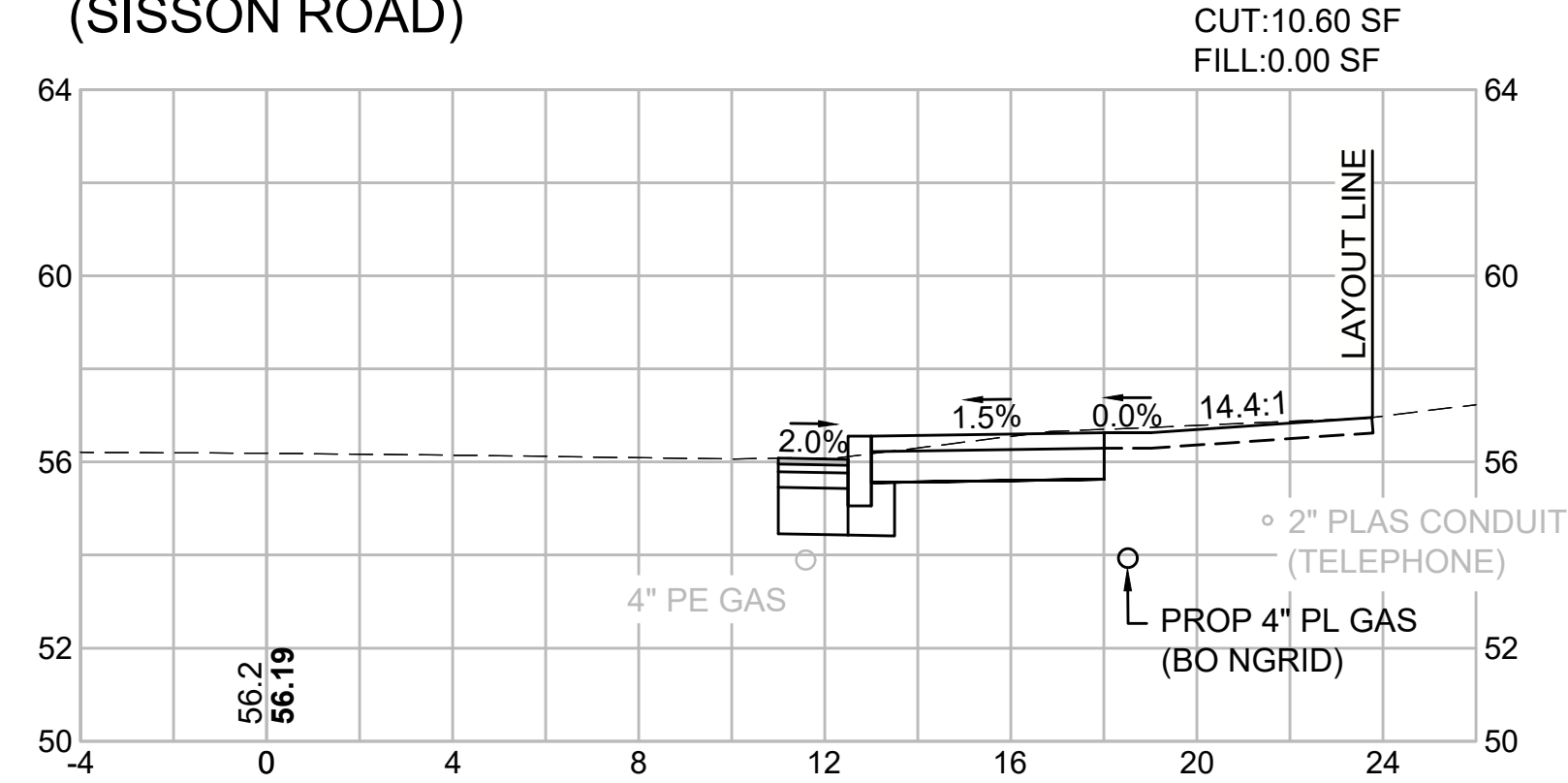
69+25
(SISSON ROAD)



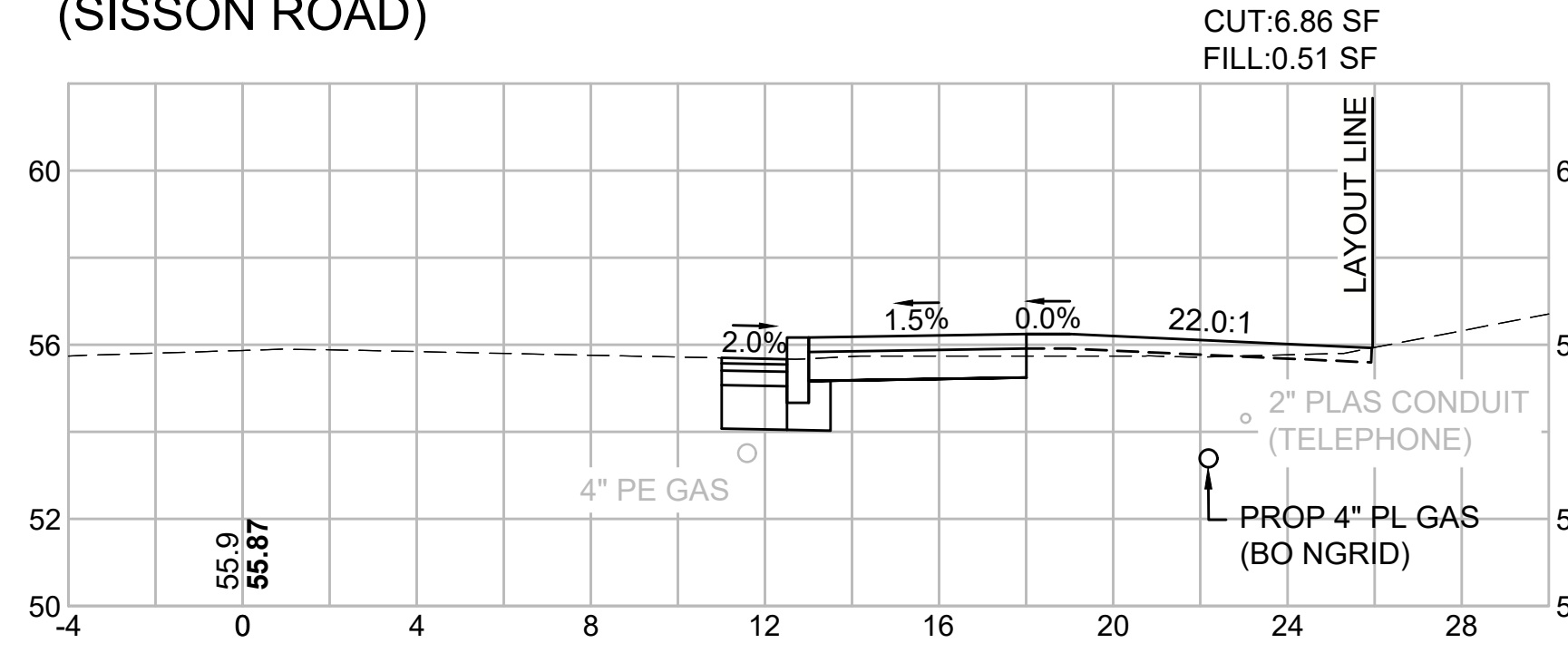
70+00
(SISSON ROAD)



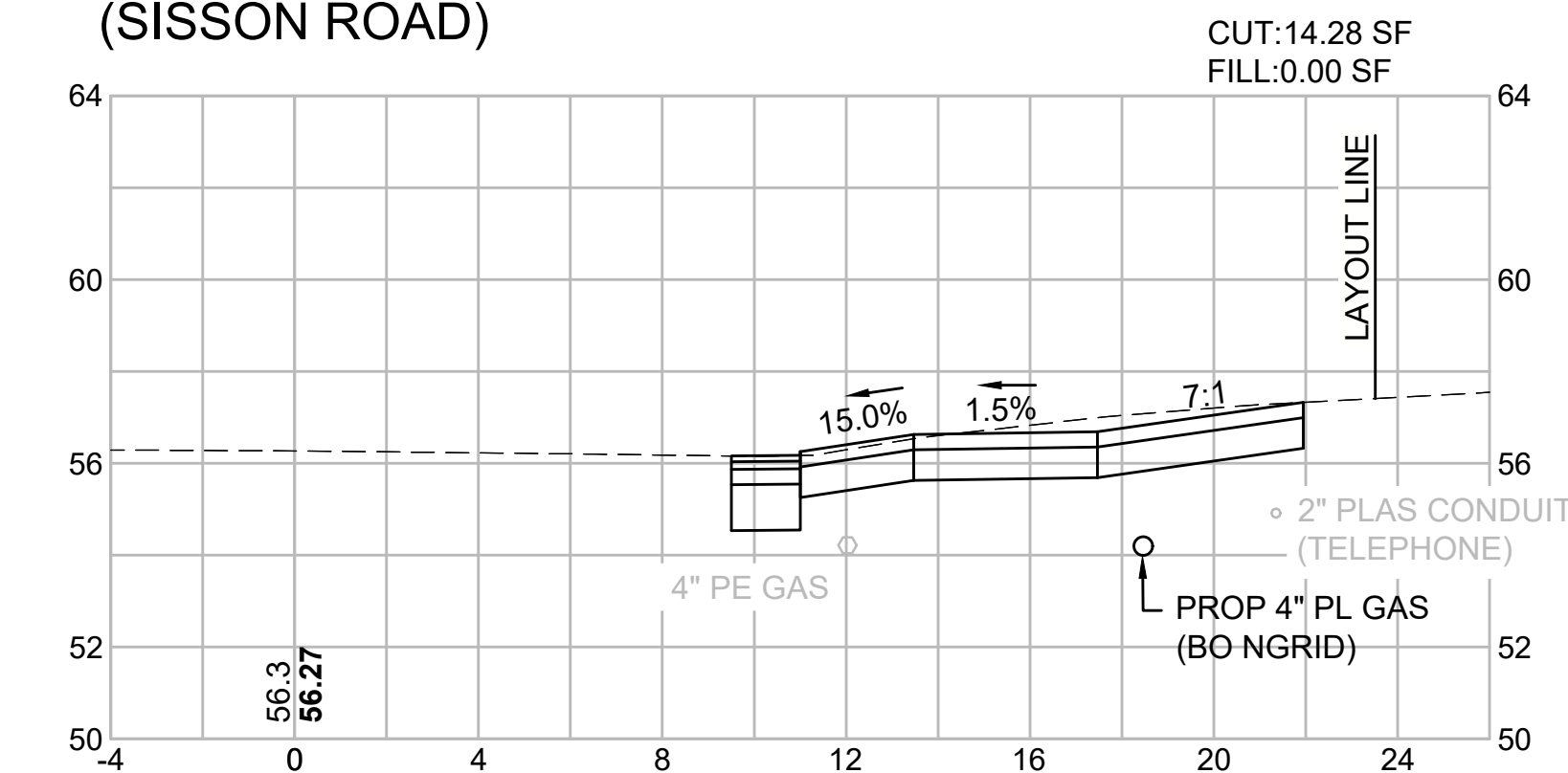
69+00
(SISSON ROAD)



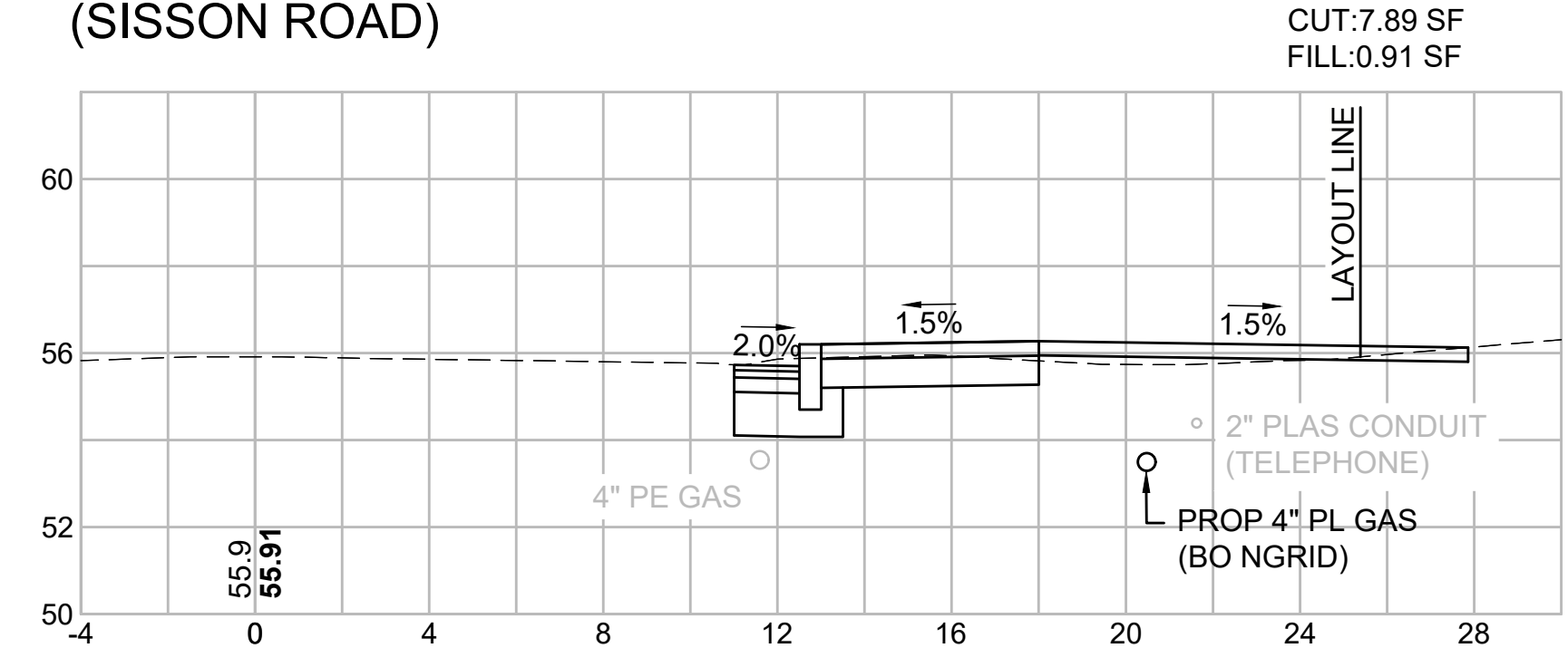
69+86.59
(SISSON ROAD)



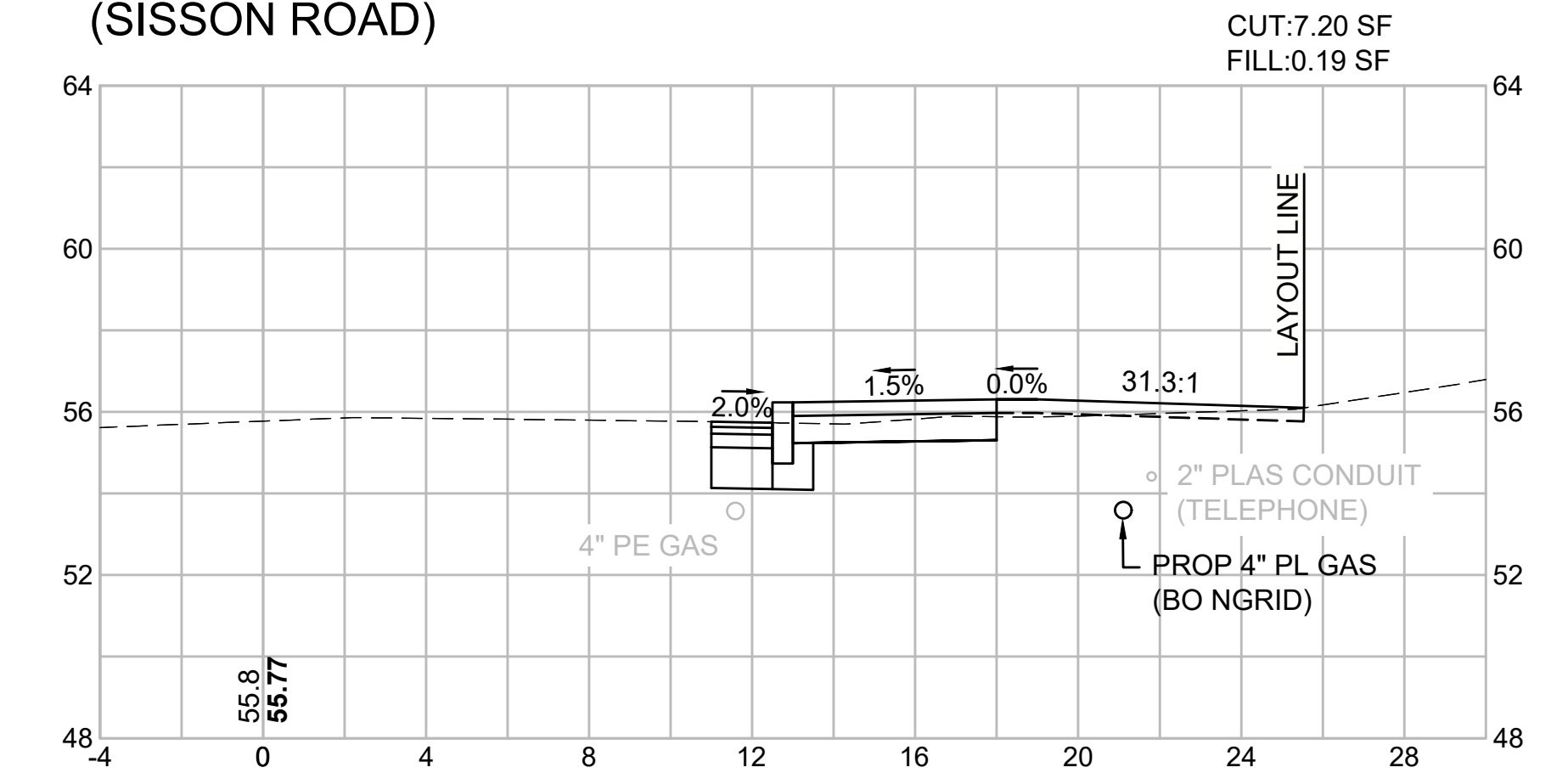
68+90
(SISSON ROAD)



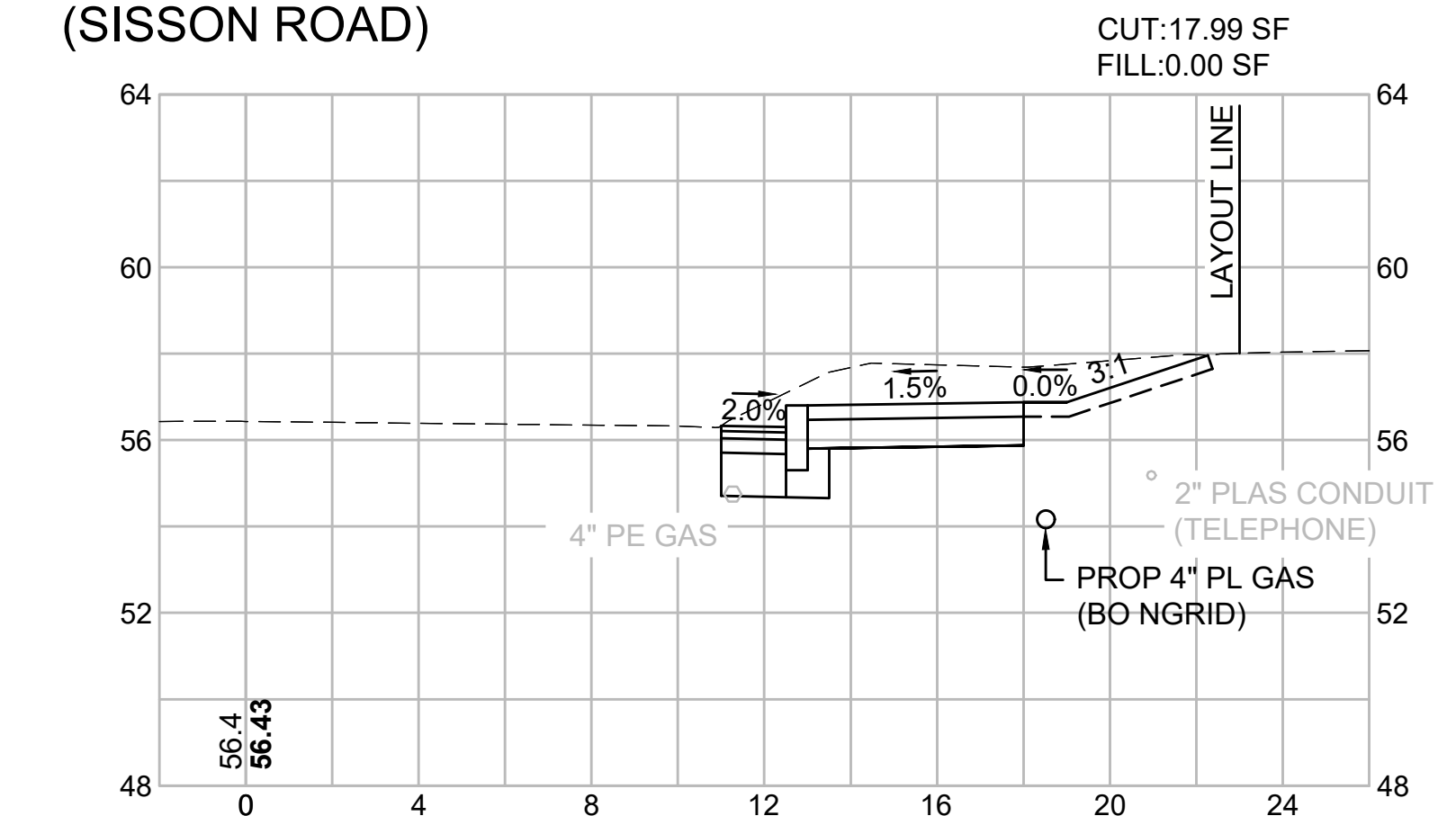
69+64
(SISSON ROAD)



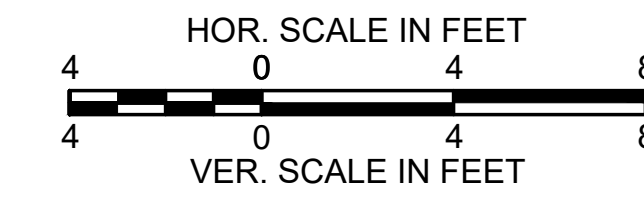
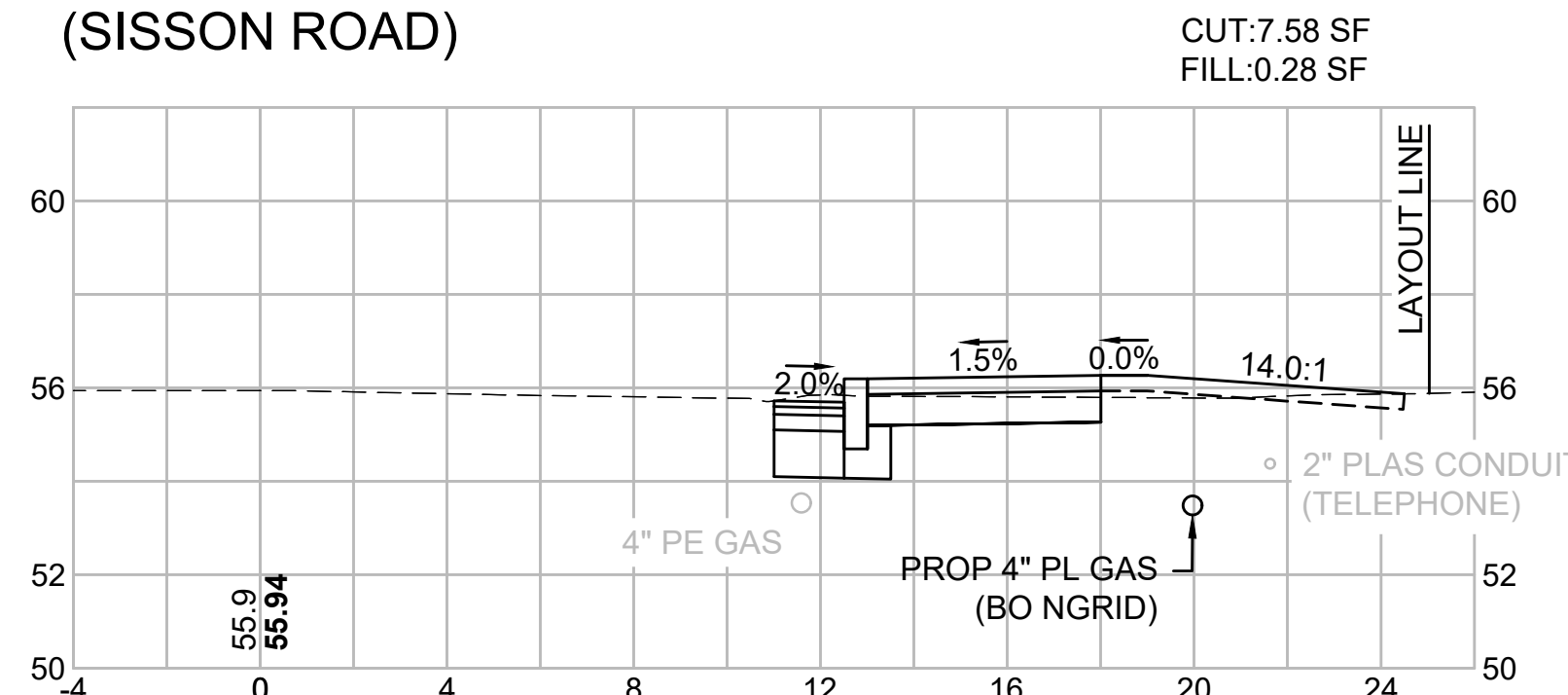
70+50
(SISSON ROAD)



68+69.53
(SISSON ROAD)



69+50
(SISSON ROAD)



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(002)X	71	71

CROSS SECTIONS - 16
SISSON ROAD

PROJECT FILE NO. 610670