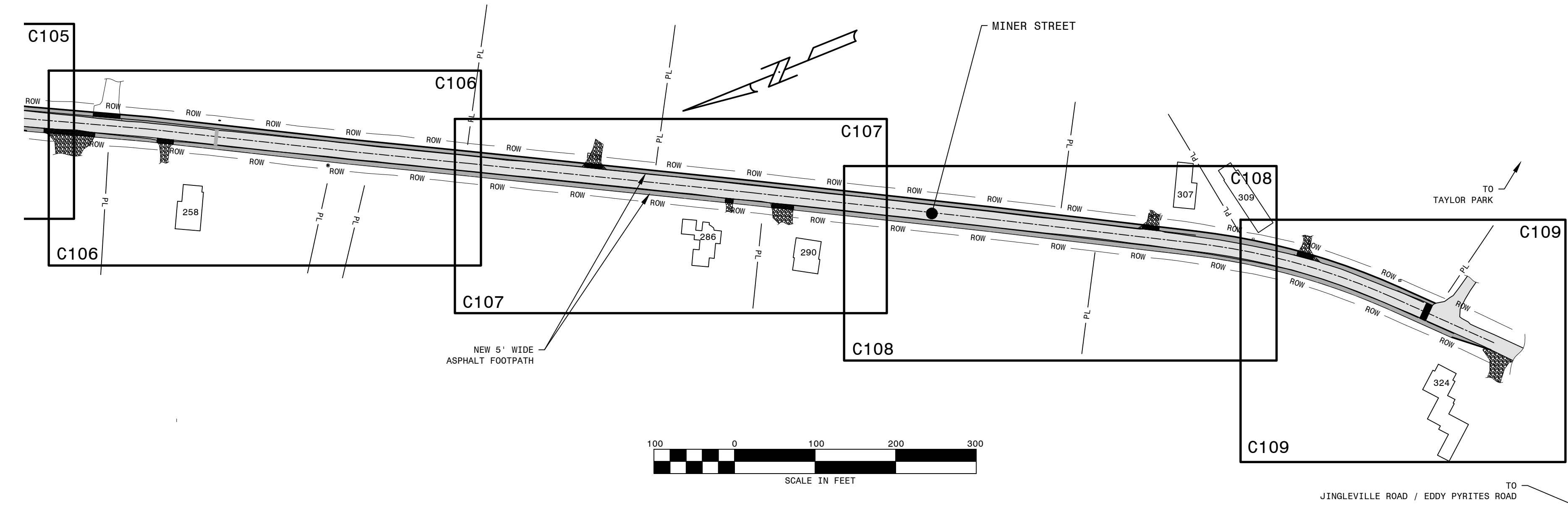
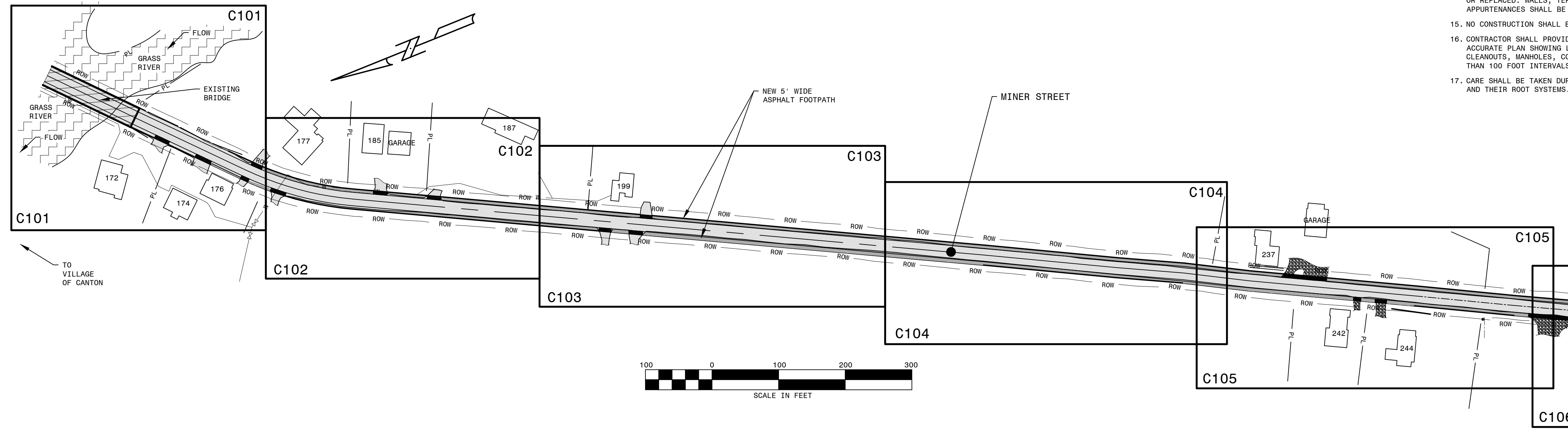


**GENERAL NOTES:**

1. TOPOGRAPHIC SURVEY BY WCT SURVEYORS IN JANUARY 2020 AND APRIL 2022.
2. PROPERTY LINES SHOWN ARE BASED UPON AVAILABLE RECORDS. THIS PLAN SHOULD NOT BE CONSTRUED AS A BOUNDARY MAP.
3. VERTICAL DATUM BASED ON NAVD88.
4. LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE NOT NECESSARILY COMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING EXCAVATION. THE CONTRACTOR SHALL CALL DIG SAFELY NEW YORK (800-962-7962) NO LESS THAN TWO DAYS BEFORE ANY EXCAVATION STARTS FOR FIELD MARKING OF EXISTING UTILITIES. HAND EXCAVATION SHALL BE EMPLOYED NEAR EXISTING UTILITIES. IF THE AFFECTED COMPANIES SO INDICATE, WORK SHALL NOT PROGRESS UNLESS THEIR INSPECTORS ARE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL UTILITIES.
5. LOCATION OF PROPOSED UTILITY CONNECTIONS ARE APPROXIMATE. EXACT LOCATION SHALL BE FIELD DETERMINED.
6. THE PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. PROPOSED DEVIATIONS FROM THE APPROVED PLANS AND SPECIFICATIONS OTHER THAN MINOR FIELD CHANGES MUST BE SUBMITTED TO THE ENGINEER IN WRITING FOR REVIEW AND APPROVAL A MINIMUM OF TEN (10) DAYS BEFORE SUCH CHANGES ARE PROPOSED TO BE MADE. NO CHANGES SHALL BE MADE WITHOUT PROPER AUTHORIZATION FROM THE ENGINEER.
7. CONTRACTOR SHALL VERIFY ALL GRADES, LOCATION AND ELEVATION OF EXISTING FEATURES, UTILITIES, PROPERTY LINES, ETC. PRIOR TO COMMENCING WORK. NOTIFY OWNER AND ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
8. THE ALLOWABLE TOLERANCES FROM FINISH GRADE AND ELEVATIONS SHOWN ON THE DRAWINGS SHALL BE:
  - A. TO THE NEAREST 0.01 FOOT, PLUS OR MINUS, WHEN SHOWN IN HUNDREDTHS OF A FOOT.
  - B. TO THE NEAREST 0.05 FOOT, PLUS OR MINUS, WHEN SHOWN IN TENTHS OF A FOOT.
  - C. TO THE NEAREST 0.2 FOOT, PLUS OR MINUS, WHEN SHOWN IN FEET.
9. CONTRACTOR SHALL COORDINATE CONSTRUCTION PROCEDURE FROM START TO FINISH WITH ALL APPROPRIATE PUBLIC AGENCIES AND SHALL ADVISE ENGINEER IMMEDIATELY OF ANY PROBLEMS ENCOUNTERED DURING CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE AND EFFICIENT FLOW OF TRAFFIC ALONG ALL STREETS DURING ENTIRE PERIOD OF WORK. ALL EXCAVATIONS SHALL BE COMPLETELY BACKFILLED AT THE END OF EACH WORK DAY, AND ALL HAZARDS SHALL BE ADEQUATELY BARRICADED TO PREVENT INJURY TO THE PUBLIC.
11. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH ANY UTILITY, OTHER CONTRACTOR OR PUBLIC AGENCY THAT MAY BE WORKING IN THE PROJECT AREA.
12. ALL DEBRIS SHALL BE DISPOSED OF OFF SITE AT LEGALLY PERMITTED LOCATION(S) PROVIDED BY CONTRACTOR.
13. CONTRACTOR SHALL SCHEDULE ALL OPERATIONS SUCH THAT INTERRUPTION OF PUBLIC SERVICES IS MINIMIZED AND SHALL BE RESPONSIBLE FOR RESTORATION OF ANY DISRUPTED SERVICES OR FACILITIES. NO ADDITIONAL PAYMENT WILL BE MADE FOR REPAIR OF EXISTING FACILITIES DISRUPTED BY THE CONTRACTOR.
14. CONTRACTOR SHALL RESTORE PROJECT SITE TO THE SAME, OR SUPERIOR, CONDITION WHICH EXISTED PRIOR TO CONSTRUCTION. FOR EXAMPLE: GRASS OR LAWN AREAS SHALL BE DRESSED WITH TOPSOIL, RAKED, SEEDED, FERTILIZED, AND MULCHED. EXISTING TREES, SHRUBS, HEDGES, SAPLINGS, VINES, GROUND VEGETATION, ETC. SHALL BE RE-PLANTED OR REPLACED. WALLS, TERRACES, FENCES, DITCHES, GULVERTS, DRIVEWAYS, POSTS, PATIOS, SMALL STRUCTURES AND APPURTENANCES SHALL BE REPAIRED, RESTORED, OR REPLACED.
15. NO CONSTRUCTION SHALL BEGIN UNTIL ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN RECEIVED.
16. CONTRACTOR SHALL PROVIDE A SET OF "AS-BUILT" DRAWINGS, SHOWING ALL DEVIATIONS FROM DESIGN DRAWINGS AND AN ACCURATE PLAN SHOWING LOCATION OF ALL NEW UTILITIES INCLUDING A MINIMUM OF 3 TIES TO WATER VALVES, CLEANOUTS, MANHOLES, CORPORATION VALVES, HYDRANTS, CURB STOPS, ETC., AND DEPTH OF ALL UTILITIES AT NO MORE THAN 100 FOOT INTERVALS. SHOW WHERE ALL UTILITIES CROSS TRENCHES.
17. CARE SHALL BE TAKEN DURING CONSTRUCTION IN THE AREA SURROUNDING ALL TREES TO PREVENT DAMAGE TO THE TREES AND THEIR ROOT SYSTEMS.



EXISTING		LEGEND		PROPOSED	
---	CENTERLINE	---	CENTERLINE	---	CENTERLINE
---	RIGHT-OF-WAY	---	RIGHT-OF-WAY	---	RIGHT-OF-WAY
---	PROPERTY LINE	---	PROPERTY LINE	---	PROPERTY LINE
---	WATER LINE	---	WATER LINE	---	WATER LINE
---	STORM SEWER	---	STORM SEWER	---	STORM SEWER
---	CATCH BASIN	---	CATCH BASIN	---	CATCH BASIN
---	OVERHEAD ELECTRIC LINE	---	OVERHEAD ELECTRIC LINE	---	OVERHEAD ELECTRIC LINE
---	OVERHEAD TELEPHONE LINE	---	OVERHEAD TELEPHONE LINE	---	OVERHEAD TELEPHONE LINE
---	OVERHEAD CATV LINE	---	OVERHEAD CATV LINE	---	OVERHEAD CATV LINE
---	UTILITY POLE	---	UTILITY POLE	---	UTILITY POLE
---	DECIDUOUS TREE	---	DECIDUOUS TREE	---	DECIDUOUS TREE
---	CONIFER TREE	---	CONIFER TREE	---	CONIFER TREE

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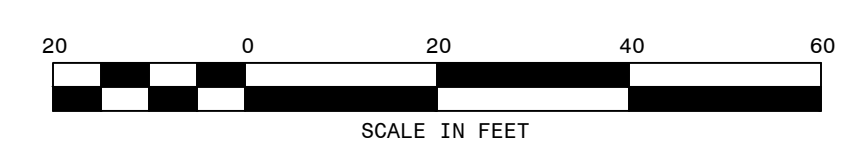
DRAWN	KGJ
CHECKED	ABJ
DATE	MAY 2022
PROJECT	21-77

**MINER STREET IMPROVEMENTS**

CANTOWN (T) NEW YORK

**GENERAL PLAN**





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DRAWN	KGT
CHECKED	ABJ
DATE	MAY 2022
PROJECT	21-77

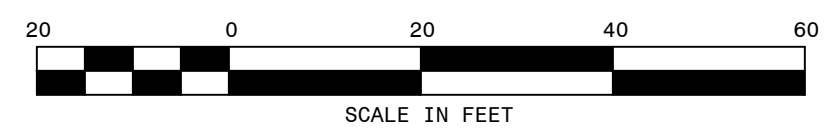
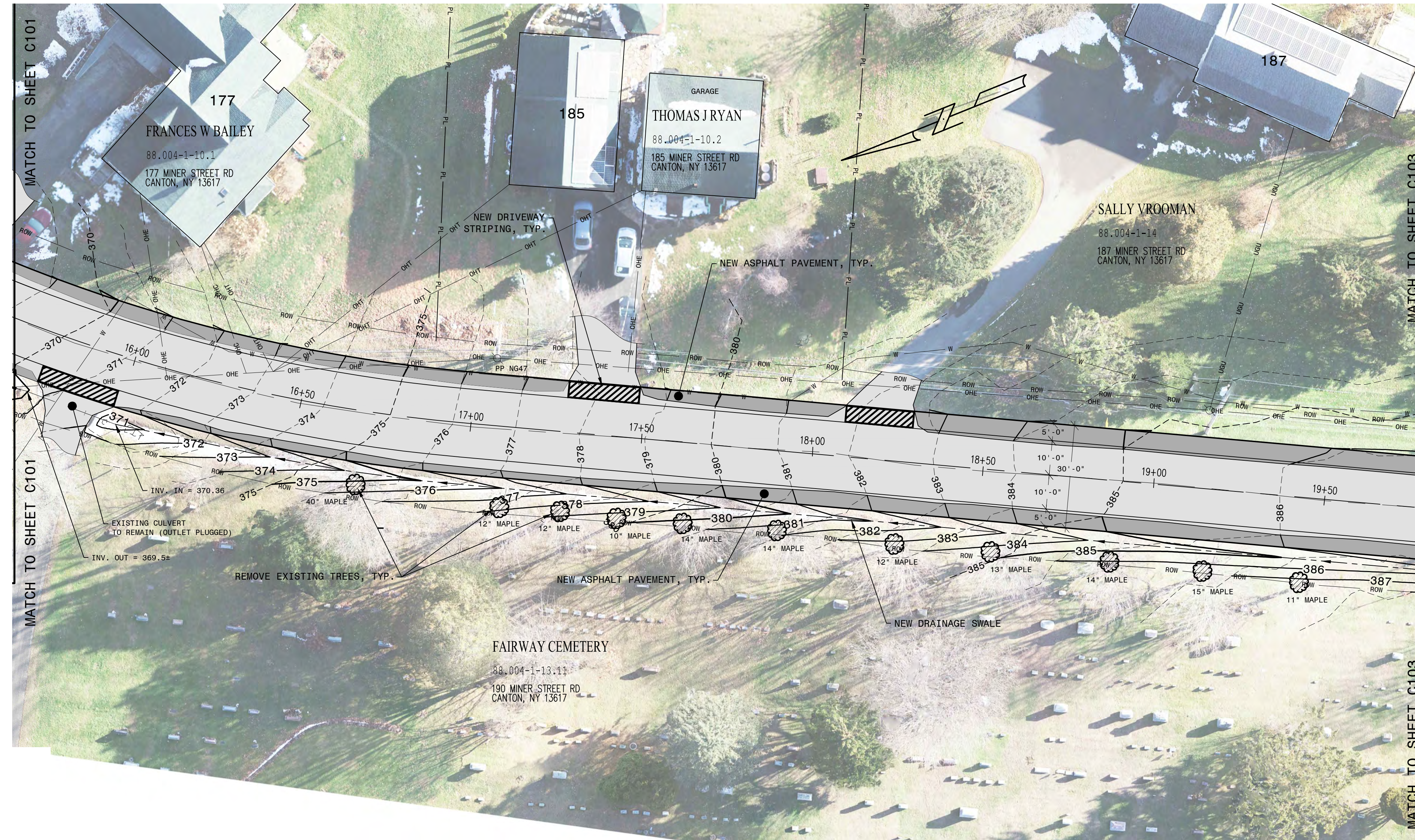
**MINER STREET IMPROVEMENTS**

CANTOWN (T) NEW YORK

**PROPOSED PLAN**

SHEET  
**C101**





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CHECKED	ABJ
DATE	MAY 2022
PROJECT	21-77

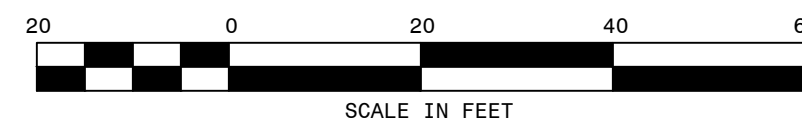
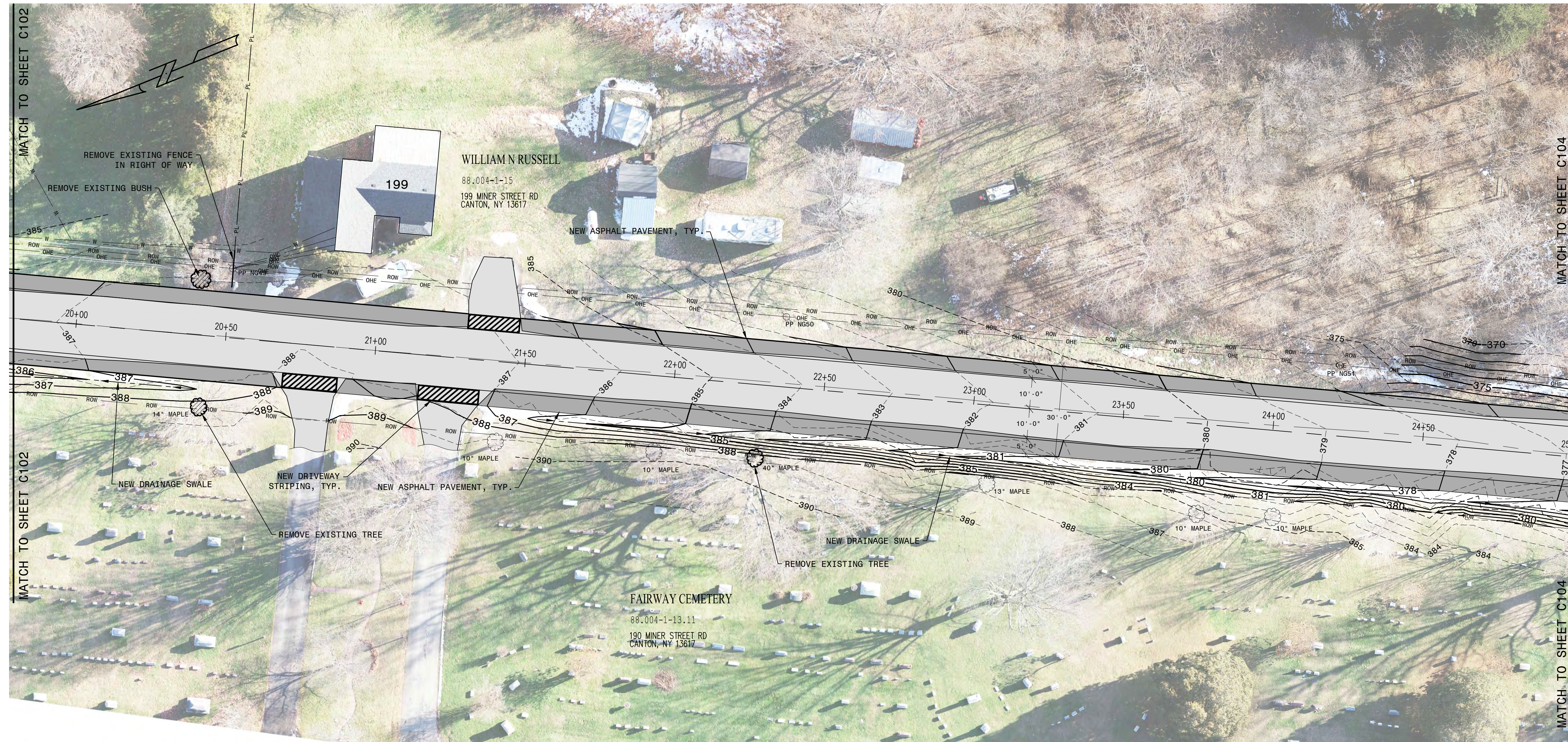
**MINER STREET IMPROVEMENTS**

CANTON (T) NEW YORK

**PROPOSED PLAN**

SHEET  
**C102**  
XXX of XXX





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CHECKED	ABJ
DATE	MAY 2022
PROJECT	21-77

**MINER STREET IMPROVEMENTS**

CANTON (T) NEW YORK

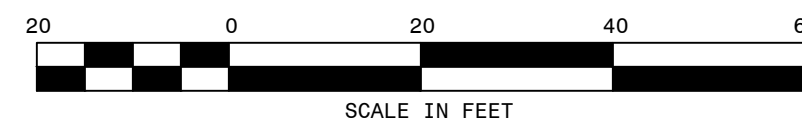
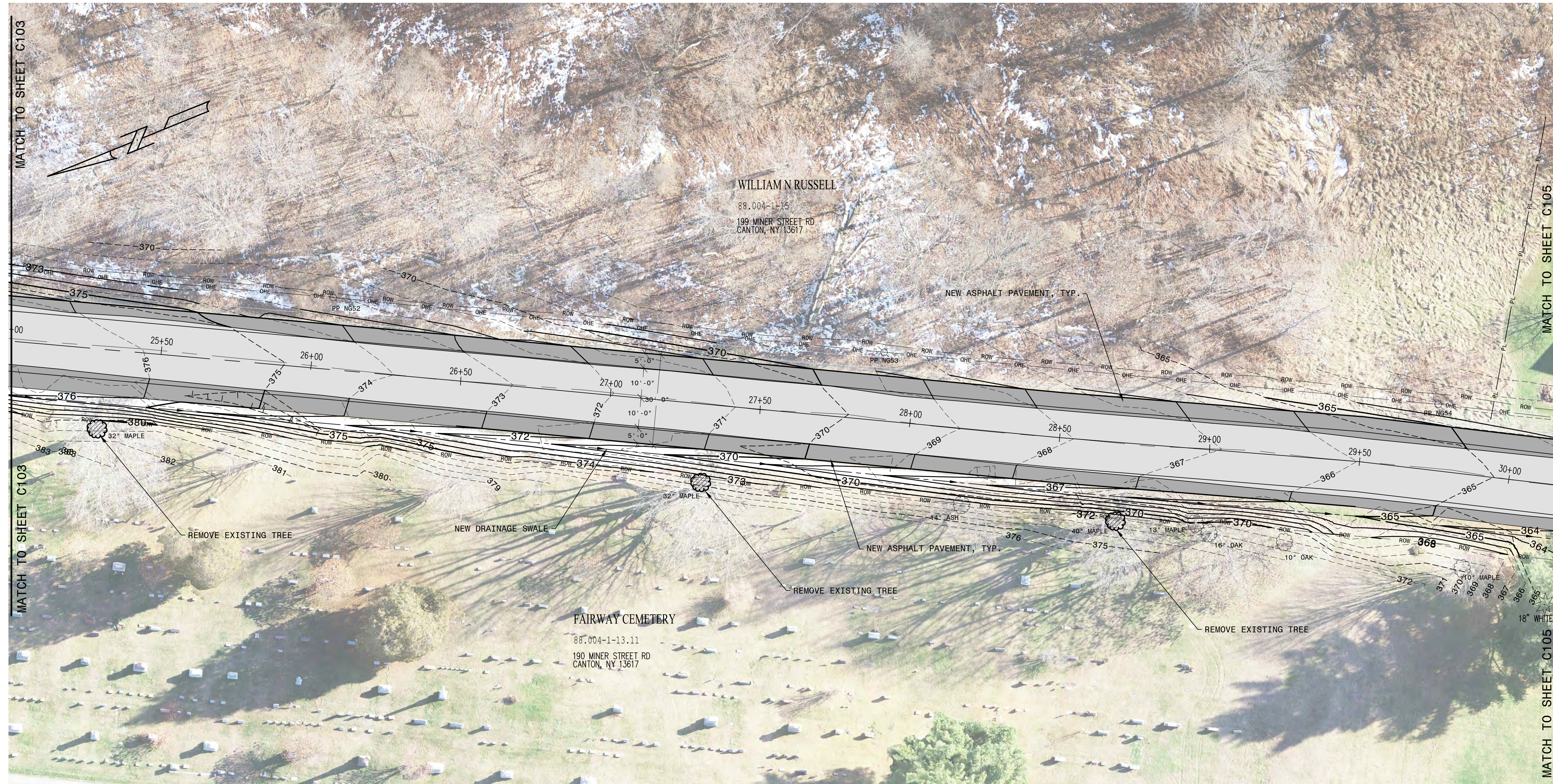
**PROPOSED PLAN**

SHEET

**C103**

XXX of XXX





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CHECKED	ABJ
DATE	MAY 2022
PROJECT	21-77

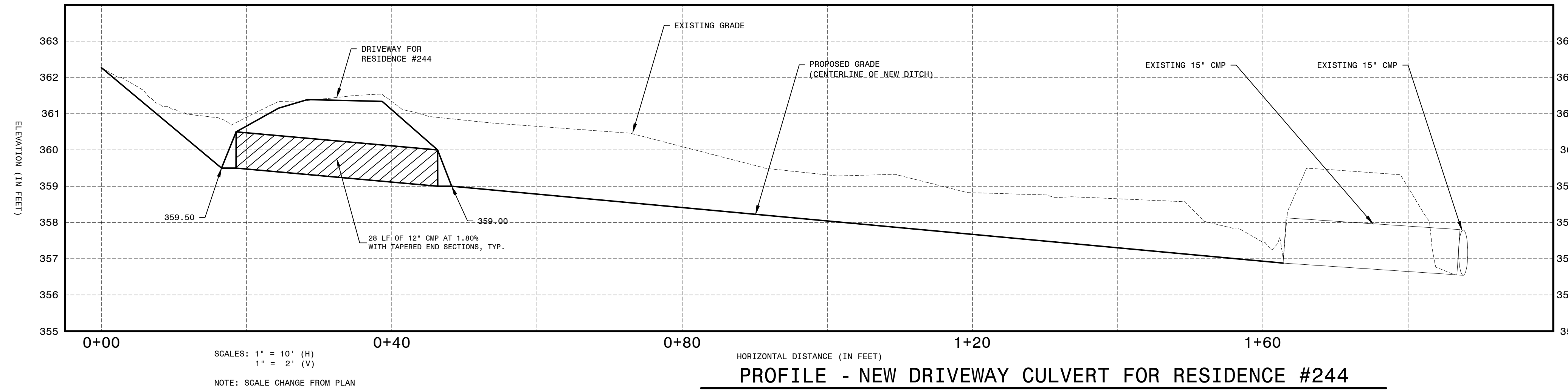
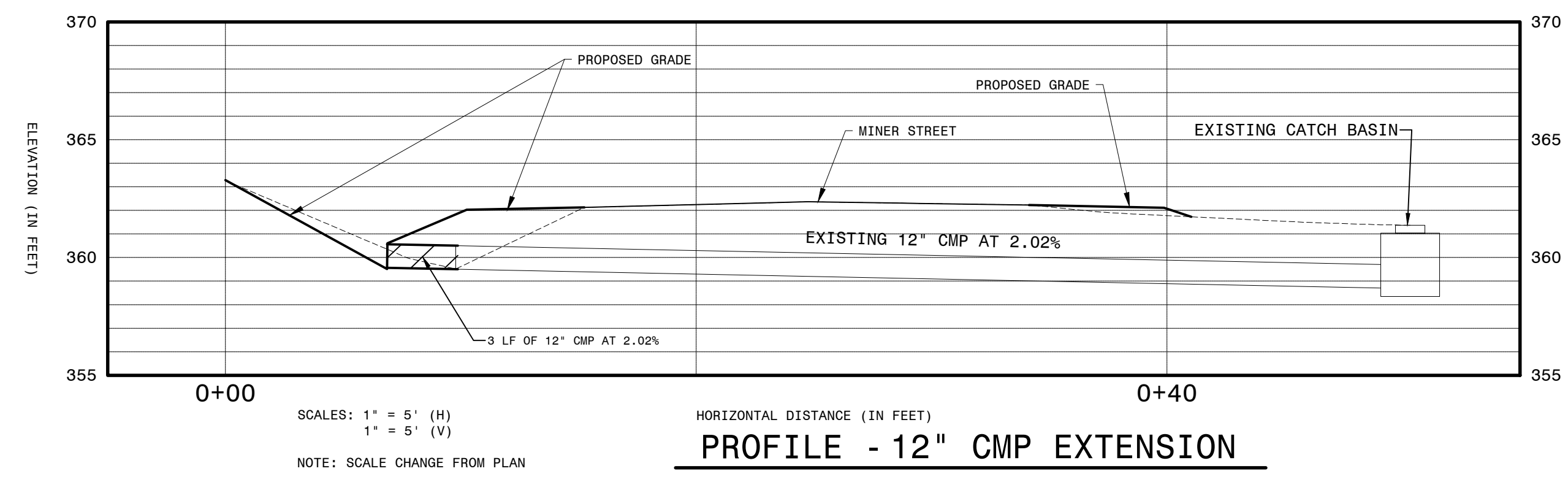
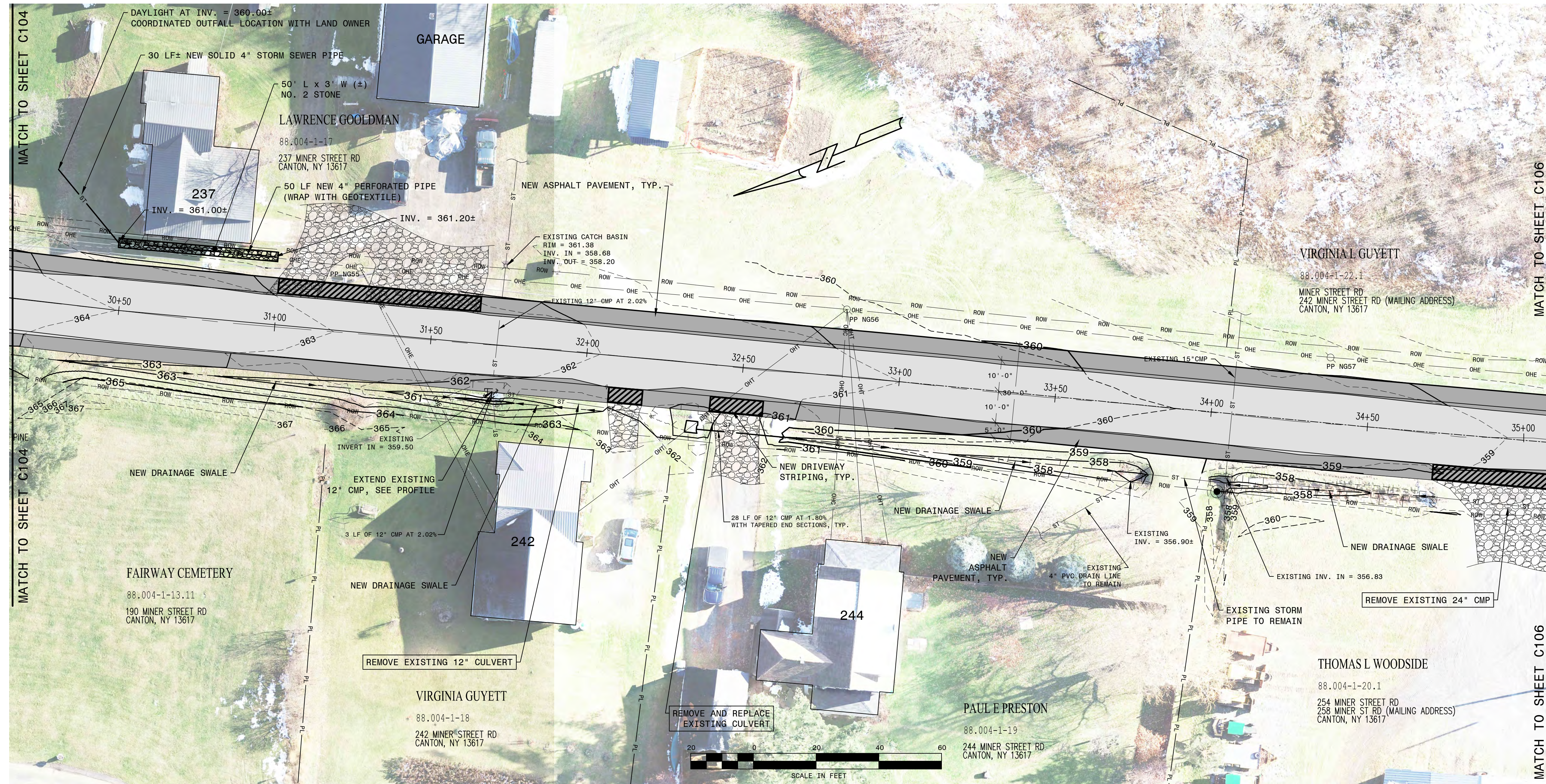
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CANTON (T) NEW YORK

**PROPOSED PLAN**

SHEET  
**C104**  
XXX of XXX





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DATE	MAY 2022
PROJECT	21-77

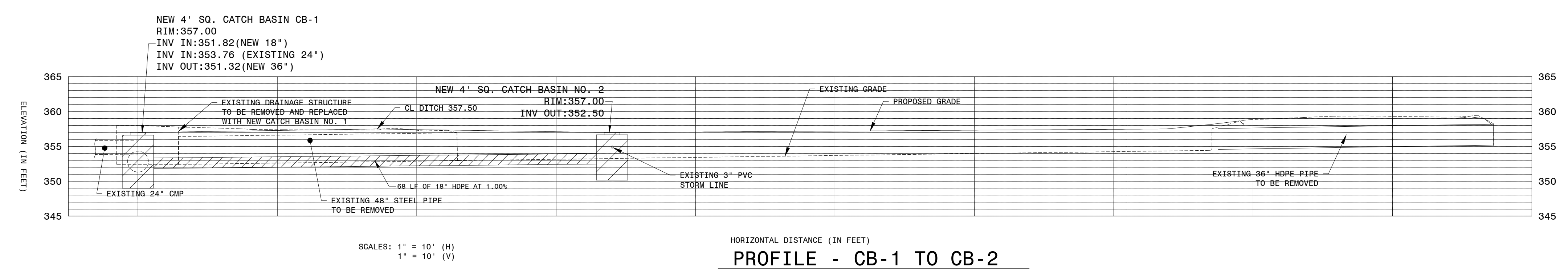
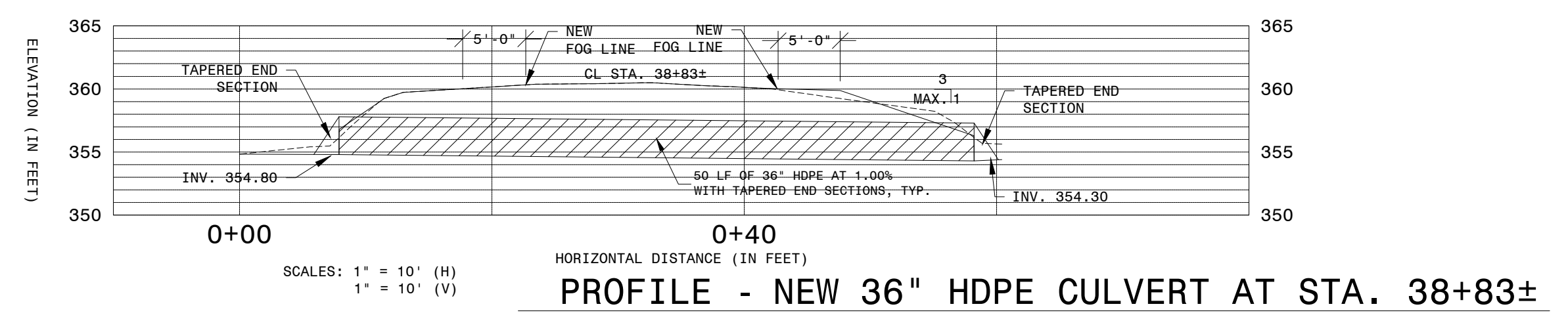
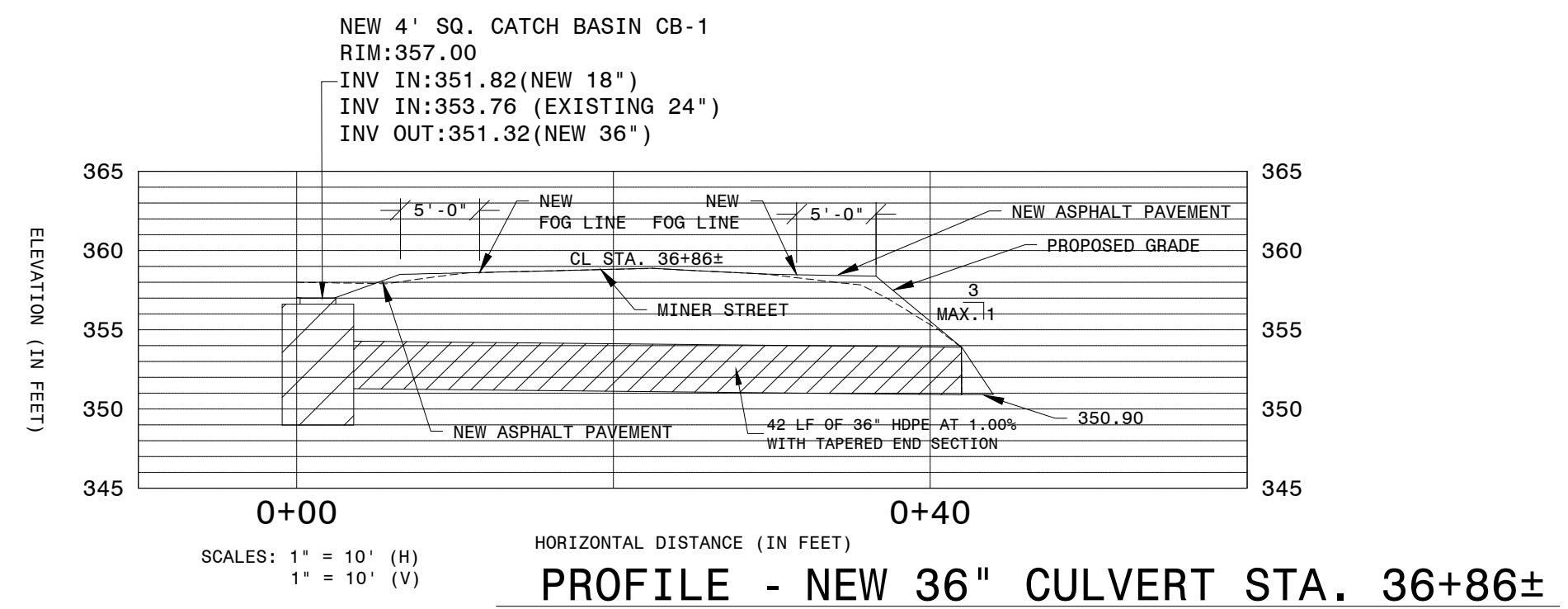
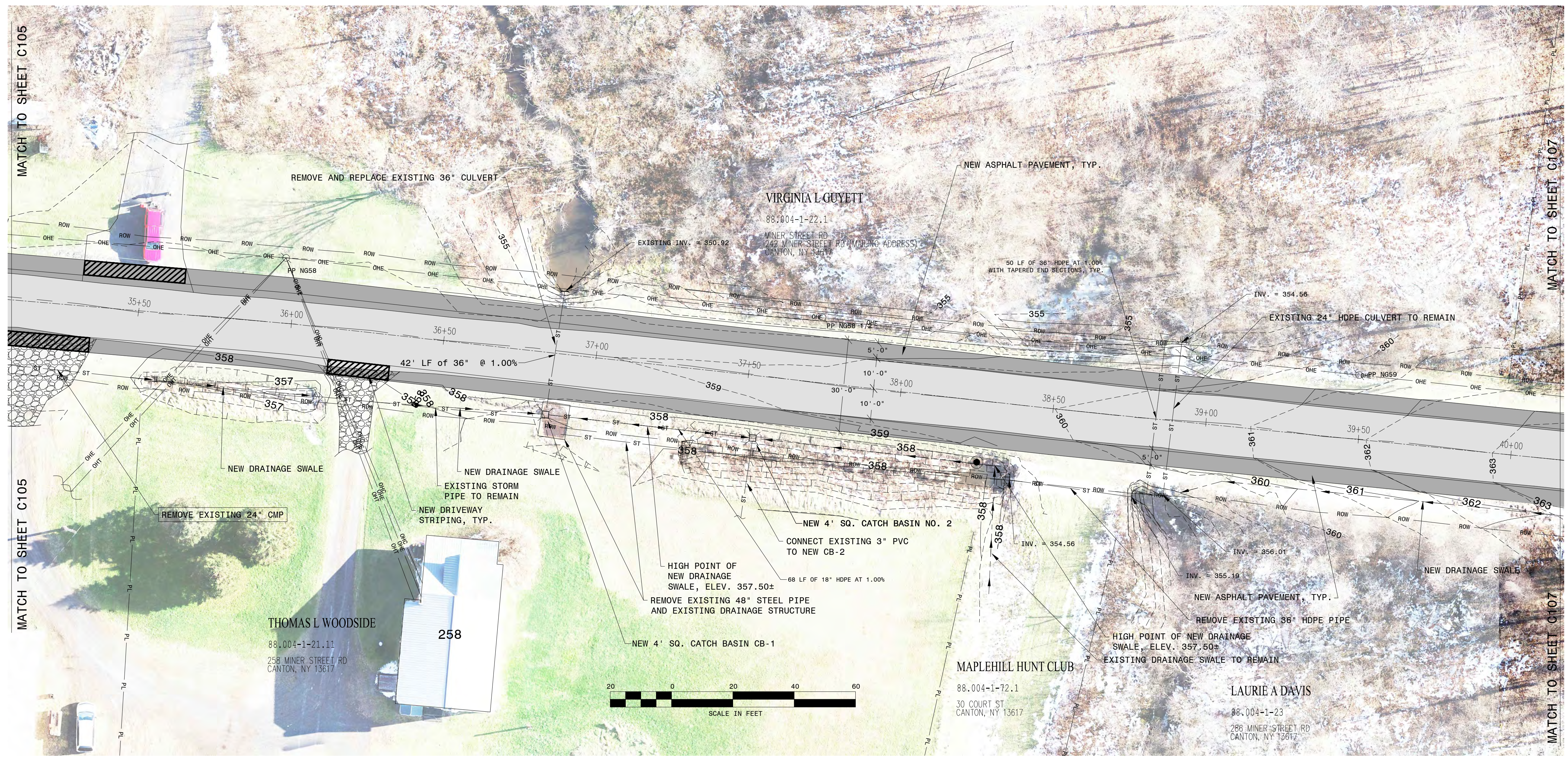
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**PROPOSED PLAN**

**C105**





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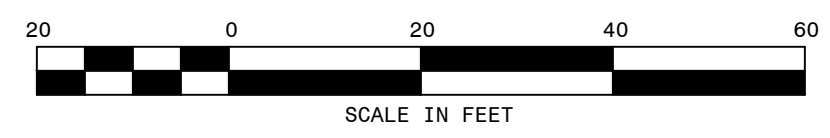
DRAWN	KGJ
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DATE	MAY 2022
PROJECT	21-77

**MINER STREET IMPROVEMENTS**

CANTON (T) NEW YORK

**PROPOSED PLAN**





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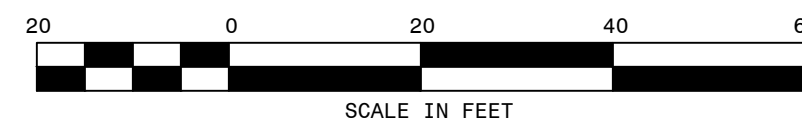
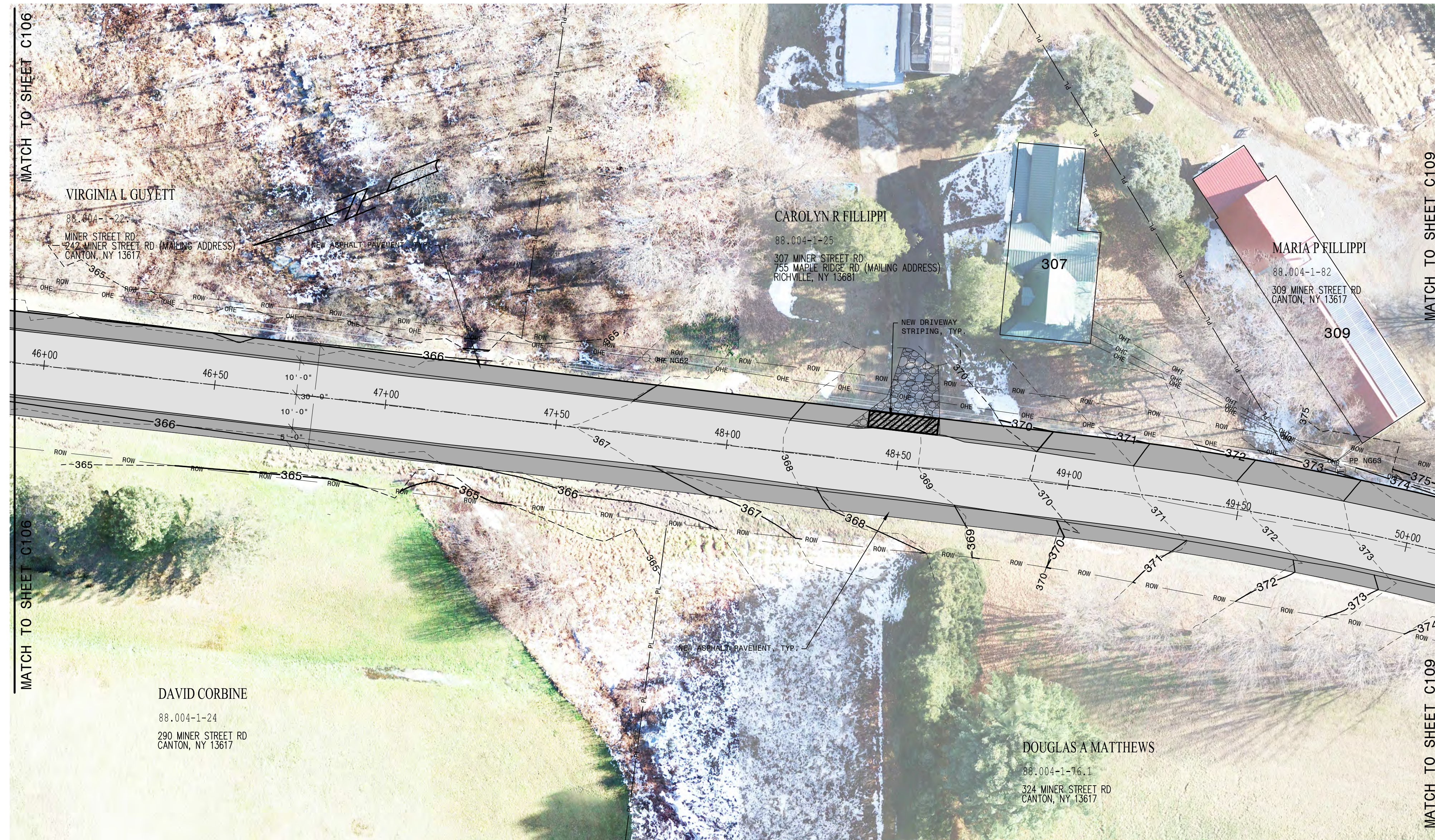
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CANTON (T) NEW YORK

**PROPOSED PLAN**

SHEET  
**C107**





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PROJECT	21-77

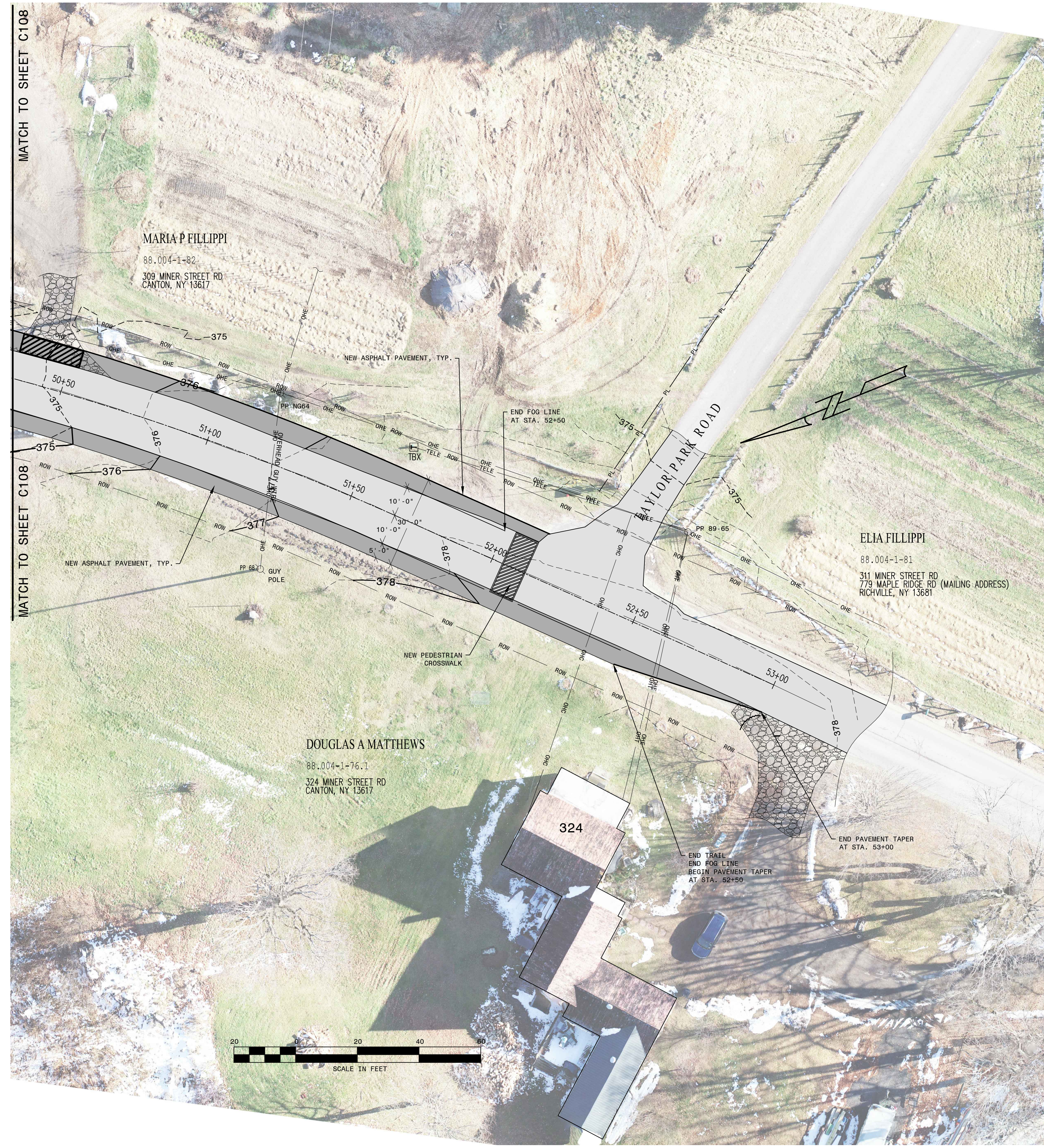
**MINER STREET IMPROVEMENTS**

CANTON (T) NEW YORK

**PROPOSED PLAN**

SHEET  
**C108**  
XXX of XXX





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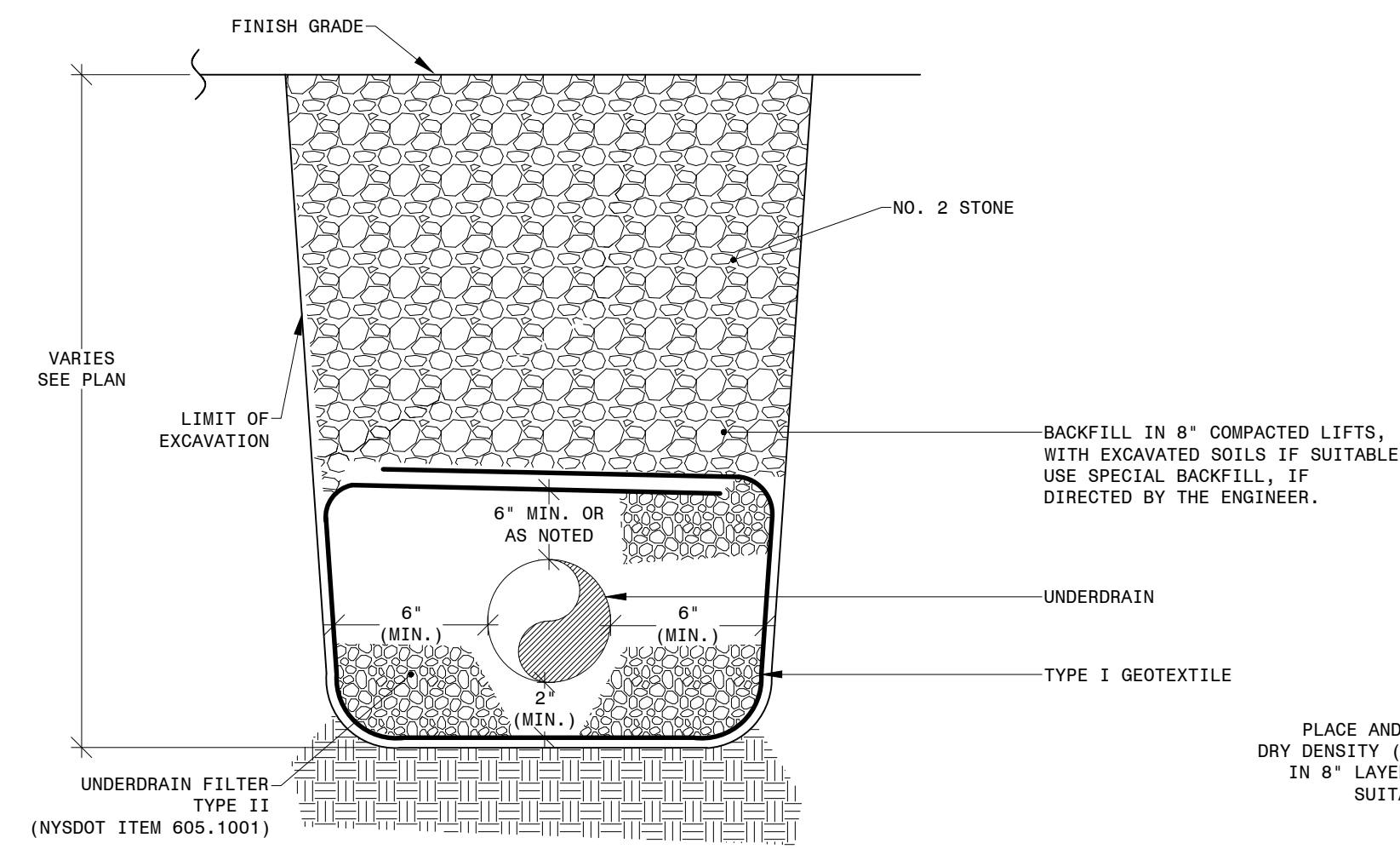
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CANTON (T) NEW YORK

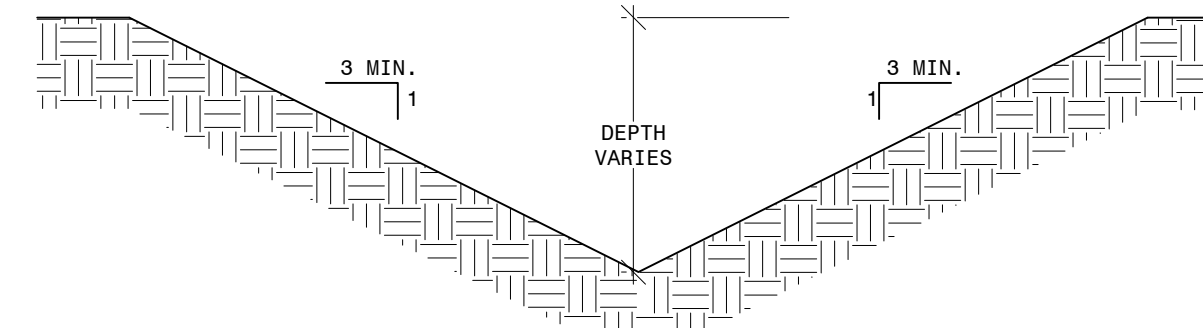
**PROPOSED PLAN**

SHEET  
**C109**  
XXX of XXX

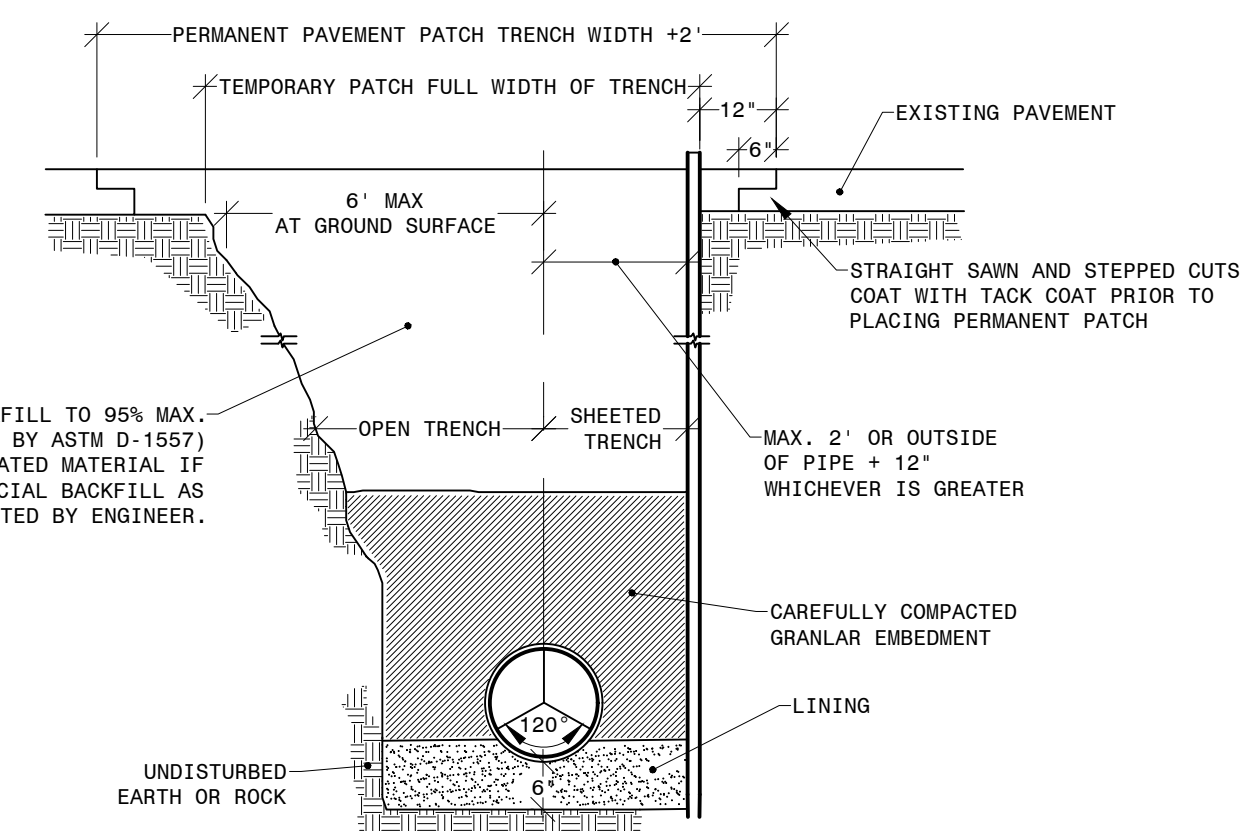




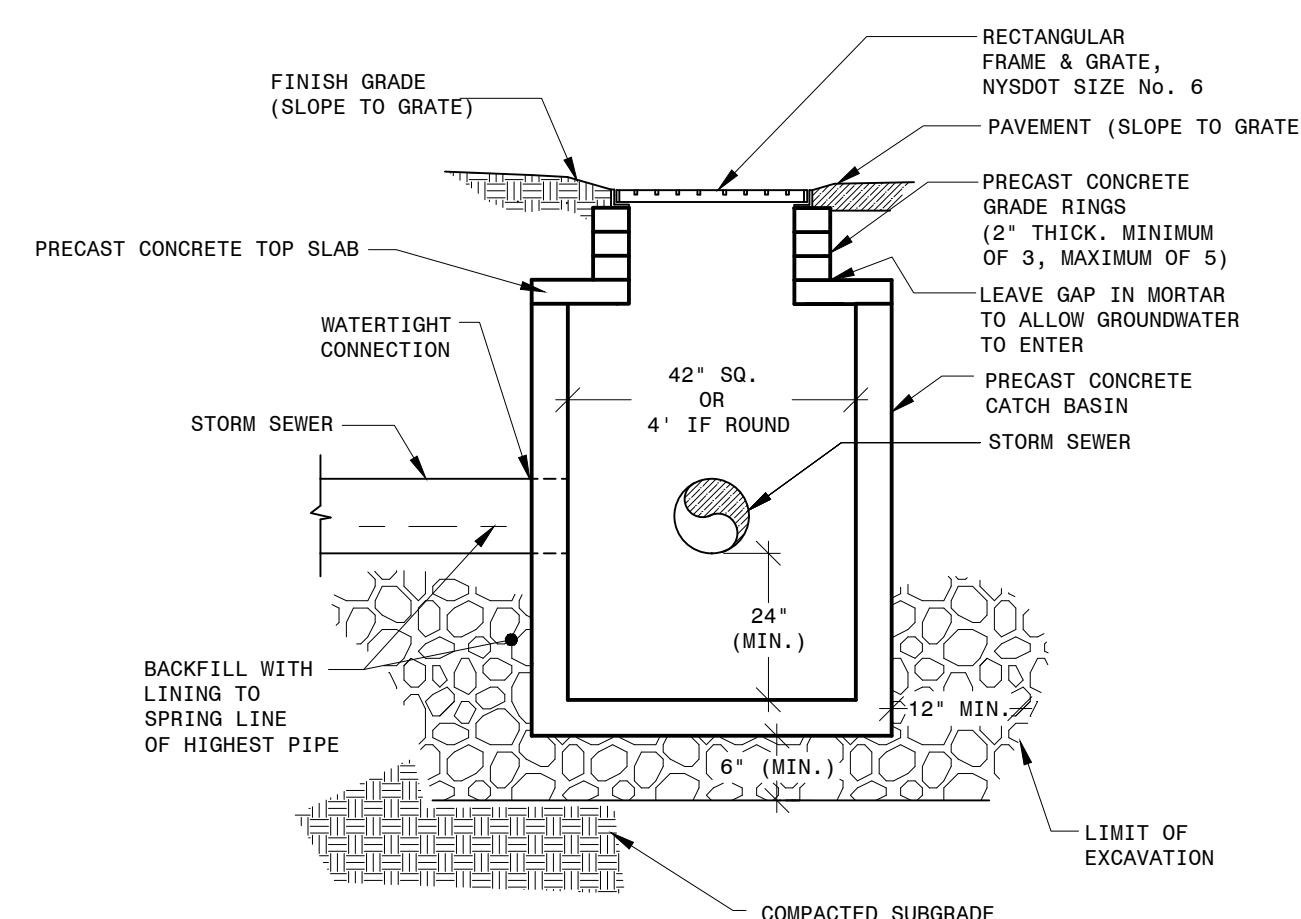
**UNDERDRAIN DETAIL**  
N.T.S.



**UNLINED DRAINAGE SWALE**  
N.T.S.

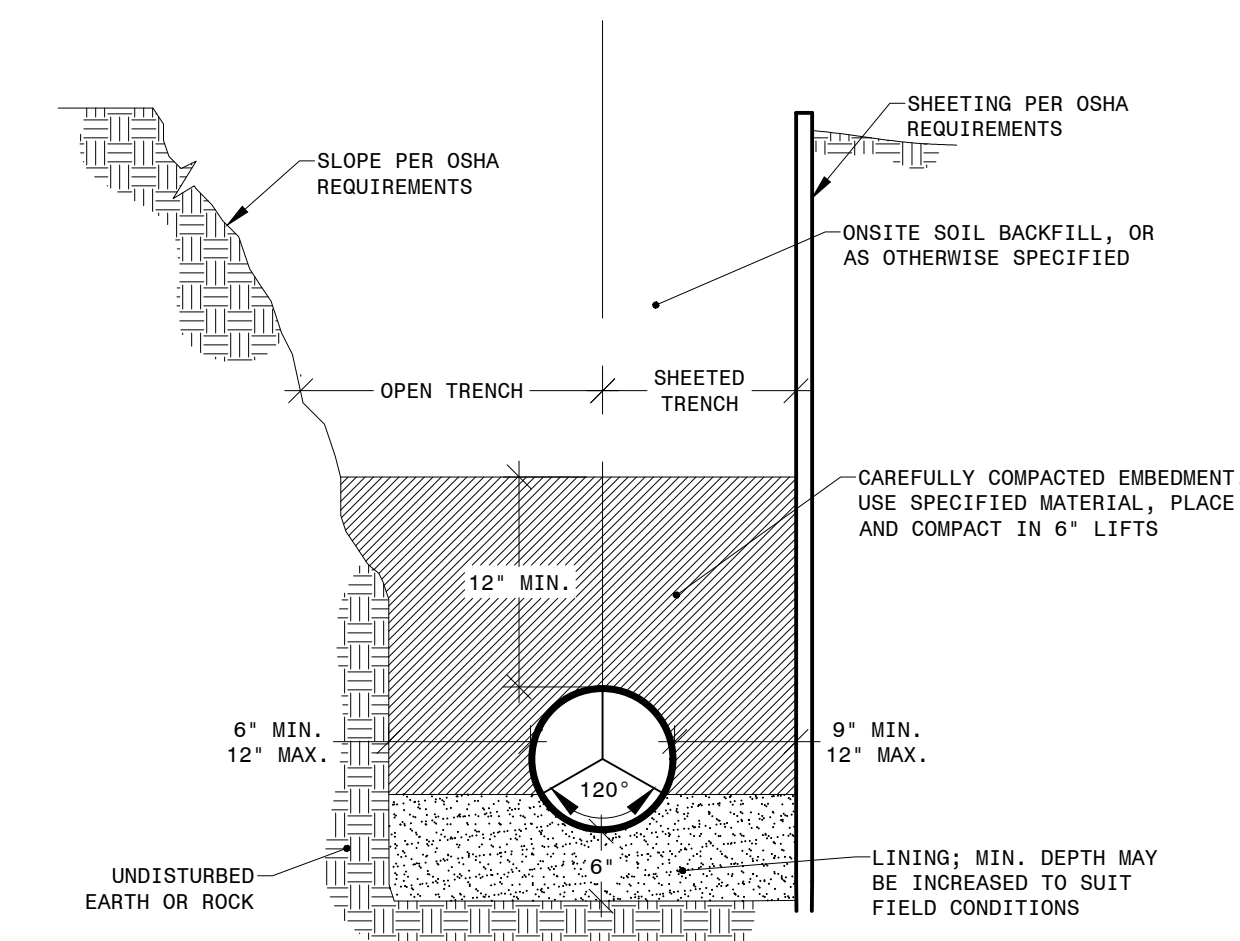


**TRENCH IN PAVEMENT SECTION**  
N.T.S.

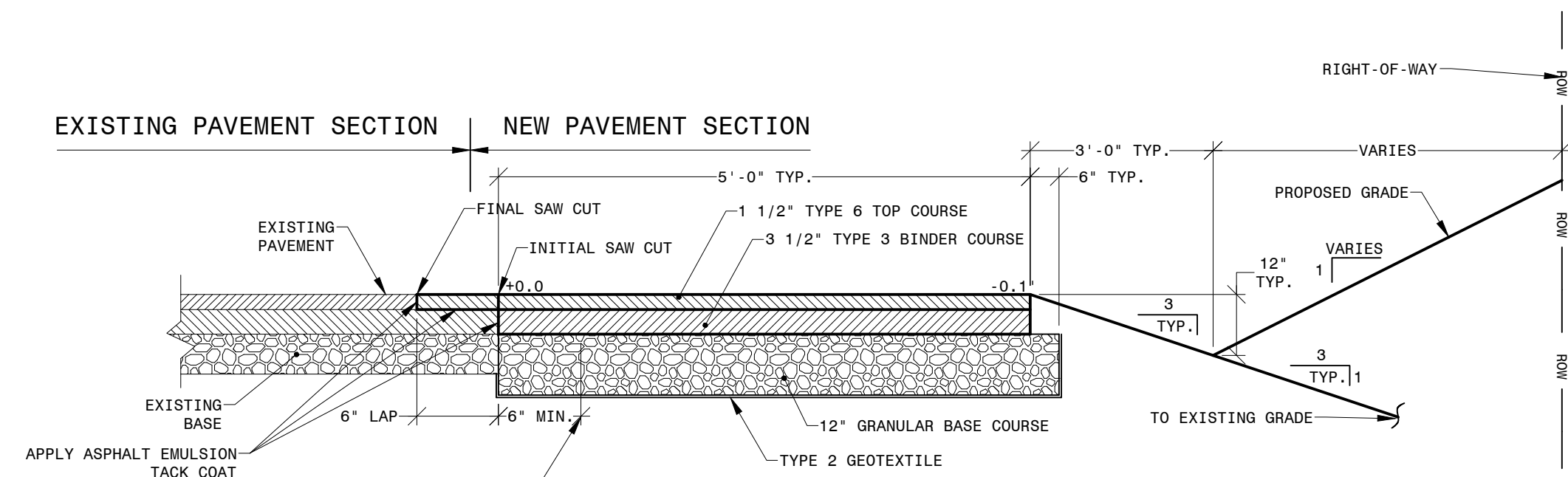


**CATCH BASIN**  
N.T.S.

- SEWER SYSTEM CONSTRUCTION NOTES:**
- CULVERT PIPES SHALL BE 16 GA. GALVANIZED CORRUGATED STEEL PIPE MEETING AASHTO M36; ASPHALT COATED MEETING AASHTO M190 (MIN. 0.05" THICKNESS). ALL CULVERTS SHALL BE INSTALLED COMPLETE WITH TAPERED END SECTIONS ON EACH END EXCEPT WHERE TERMINATION IS IN A MANHOLE OR CATCH BASIN.
  - STORM SEWER PIPE (AND FITTINGS) SHALL BE SMOOTH INTERIOR, HIGH DENSITY POLYETHYLENE PIPE, N-12 AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC. WITH SILT TIGHT JOINTS OR PVC, SDR-35 CONFORMING TO ASTM D-3034. SUPPLIED WITH ELASTOMERIC GASKET JOINTS. SOLVENT WELDED JOINTS ARE NOT ACCEPTABLE.
  - CATCH BASINS AND MANHOLES SHALL BE PRECAST CONCRETE MEETING ASTM C478. MANHOLES SHALL BE ROUND AND NOT LESS THAN 48" INSIDE DIAMETER. CATCH BASINS SHALL BE MINIMUM 48" DIAMETER IF ROUND, OR 42" SQUARE (INSIDE). ALL STRUCTURES SHALL BE SUFFICIENTLY STRONG TO WITHSTAND HS-20 TRUCK LOADING.
  - PROVIDE WATERTIGHT CONNECTIONS OF ALL PIPE TO ALL PRECAST CONCRETE UNITS.
  - ALL SEWER LINES, MANHOLES, CATCH BASINS AND SERVICE LATERALS SHALL BE COMPLETELY WATERTIGHT UPON COMPLETION. SANITARY SEWERS, MANHOLES AND LATERALS SHALL BE TESTED, BOTH FOR INFILTRATION AND EXFILTRATION IN COMPLETE CONFORMANCE TO THE TECHNICAL SPECIFICATION REQUIREMENTS.
  - CONTRACTOR SHALL PROVIDE A SET OF "AS-BUILT" DRAWINGS, INCLUDING AN ACCURATE PLAN SHOWING THE LOCATION OF ALL NEW SEWERS. AS-BUILT DRAWINGS SHALL INCLUDE A MINIMUM OF 3 TIES TO ALL MANHOLES, LATERALS, STRUCTURES AND SERVICE TEES. ALL PIPES, CABLES OR CONDUITS CROSSING OR INTERCEPTED BY THE TRENCH EXCAVATIONS SHALL BE SHOWN. INVERT ELEVATIONS OF ALL MANHOLES, SERVICE TEES AND TERMINAL ENDS OF ALL LATERALS SHALL BE SHOWN. ACCURATELY SHOWN. THE FINAL SLOPES AND DEPTH OF SEWERS AT NOT MORE THAN 100 FOOT INTERVALS SHALL BE SHOWN.



**TRENCH SECTION**  
N.T.S.



**TYPICAL FOOTPATH SECTION**  
N.T.S.

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DRAWN	KGJ
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PROJECT	21-77

**MINER STREET IMPROVEMENTS**

CANTON (T) NEW YORK

**DETAILS**

**C110**