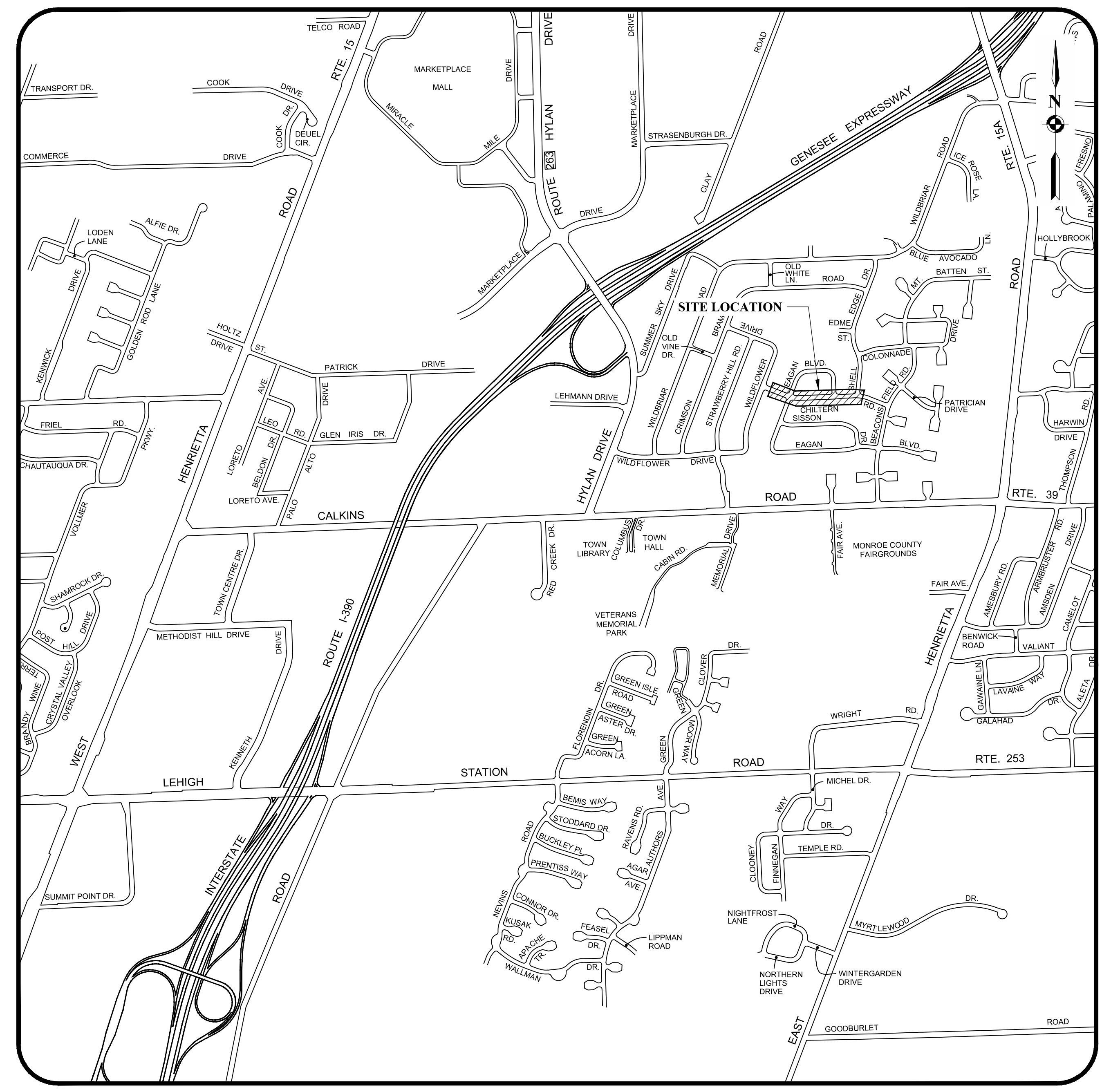


TOWN OF HENRIETTA

CHILTERN ROAD DRAINAGE IMPROVEMENTS

PROJECT No. T20-02



PROJECT LOCATION

HENRIETTA TOWN BOARD

- | | |
|-------------------------|----------------|
| STEPHEN L. SCHULTZ | SUPERVISOR |
| MILLIE C. SEFRANEK | COUNCIL MEMBER |
| LISA S. BOLZNER | COUNCIL MEMBER |
| M. RICK PAGE | COUNCIL MEMBER |
| JOSEPH D. BELLANCA, JR. | COUNCIL MEMBER |

HENRIETTA ADMINISTRATION

- | | |
|-----------------------------|------------------------------------|
| CRAIG C. ECKERT | DEPUTY SUPERVISOR |
| REBECCA WIESNER | TOWN CLERK |
| MICHAEL CATALANO | COMMISSIONER OF PUBLIC WORKS |
| TIM LESSING | HIGHWAY SUPERINTENDENT |
| CHRISTOPHER E. MARTIN, P.E. | DIRECTOR OF ENGINEERING & PLANNING |

INDEX OF DRAWINGS

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Town of Henrietta
 Engineering Department
 475 Calkins Road
 Henrietta, New York 14467
 (585) 359-7070
 Fax: (585) 321-6193

	DATE: 2/17/2022
	DWG. No.: T001
	SHEET No.: 1 of 8

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GENERAL NOTES:

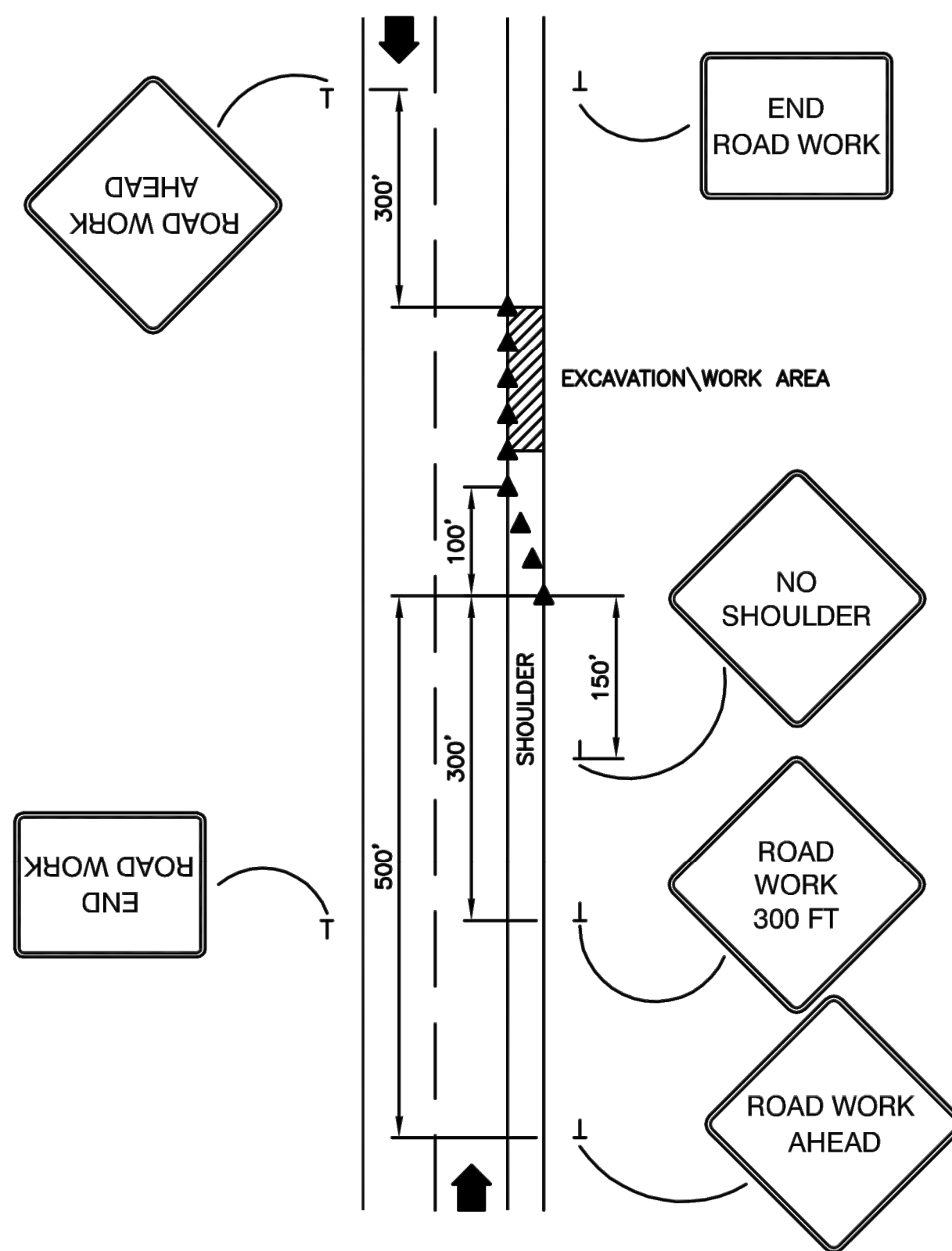
- THE ACCURACY OF EXISTING UTILITIES ARE NOT GUARANTEED. EXISTING UTILITIES SHOWN ON THE PLANS ARE A RESULT OF INFORMATION OBTAINED FROM FIELD SURVEYS AND RECORD MAPS AND ARE FOR GENERAL INFORMATION ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATIONS OF ANY PERTINENT UTILITIES BY FIELD INVESTIGATION AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT THE EXISTING UTILITIES TO REMAIN IN SERVICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES AND STRUCTURES IN THE PATH OF, OR CLOSELY PARALLEL TO, OR UNDER THE PROPOSED CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS OR DAMAGES OCCURRING AS A RESULT OF INCORRECTLY LOCATED UTILITIES. NO EXTENSIONS OF CONTRACT TIME AND NO MONETARY DAMAGE CLAIMS SHALL BE ALLOWED AS A RESULT OF REVISED DESIGN LOCATIONS OR TIME ALLOWED TO DO SAME WHICH RESULT FROM EXISTING UTILITIES BEING FOUND IN DIFFERENT LOCATIONS THAN SHOWN ON THESE DRAWINGS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS IN AMPLE TIME FOR THEM TO LOCATE AND MARK THEIR FACILITIES.
- THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER LINES NOT SHOWN HEREON OR OF RECORD. THE CONTRACTOR IS CAUTIONED TO NOTIFY CENTRAL STAKEOUT, TELEPHONE NO. 1-800-962-7962, FOR FIELD STAKE-OUT OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES, INSURANCE, AND BONDS AS REQUIRED BY THE MUNICIPALITY OR ANY AGENCY PRIOR TO INITIATING CONSTRUCTION ACTIVITIES.
- DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN ALL EXISTING STORM SEWERS, CULVERTS, DITCHES, MANHOLES, LATERALS, AND CATCH BASINS, AND ALL EXISTING SANITARY SEWERS, MANHOLES AND LATERALS, THAT ARE TO REMAIN IN SERVICE UPON COMPLETION OF THE PROJECT. ANY DAMAGE OR CHANGES TO THESE FACILITIES (INCLUDING CLEANING ALL DEBRIS) SHALL BE BORNE BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR SHALL COMPLY WITH THE NEW YORK STATE INDUSTRIAL CODE, RULE 23, SUBPART 23-4 "EXCAVATION OPERATIONS" TO PROVIDE SAFE EXCAVATION PRACTICES AND PROCEDURES.
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND ROW MONUMENTS IN THE AREAS OF CONSTRUCTION. IF THERE ARE ANY MONROE COUNTY SURVEY MONUMENTS IN THE AREA, A \$1500.00 LETTER OF CREDIT WILL BE REQUIRED TO PROTECT THEM. CONTACT THE MONROE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES (MCDES) SURVEY OFFICE AT 585-753-7530.
- THE CONTRACTOR SHALL USE DUE CAUTION IN PROTECTING ALL PROPERTY MARKERS AND ALL CONSTRUCTION ELEVATION AND LOCATION SURVEY STAKES.
- ANY DAMAGE TO EXISTING PAVEMENT, SHOULDER, DRIVES, CURBS, SIDEWALKS, LANDSCAPING, ETC. WHICH ARE SCHEDULED TO REMAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COMPLY WITH ALL THE APPLICABLE FEDERAL, STATE, AND LOCAL STATUTES REGARDING THE PREVENTION, CONTROL AND ABATEMENT OF SOIL EROSION, SEDIMENTATION AND WATER POLLUTION.
- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL BARRIERS DURING CONSTRUCTION AND FOR THE REMOVAL OF THE SAME AFTER GRADING AND SURFACE RESTORATION HAS BEEN PERFORMED.
- ADEQUATE CONTROL MEASURES SHALL BE EMPLOYED DURING ALL PHASES OF CONSTRUCTION IN ACCORDANCE WITH ALL APPROPRIATE STANDARDS AND REQUIREMENTS. BEST MANAGEMENT PRACTICES ARE TO BE FOLLOWED.
- THE CONTRACTOR SHALL BE REQUIRED TO CLEAN MUD AND DEBRIS FROM PUBLIC ROADS AND PRIVATE DRIVEWAYS AND PARKING AREAS SERVICING THE CONSTRUCTION SITE DURING AND AFTER THE COMPLETION OF THE PROJECT AND AS REQUESTED BY THE MUNICIPALITY OR AGENCIES.
- REFERENCES TO NYSDOT STANDARDS SHALL MEAN THE LATEST "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, OFFICE OF ENGINEERING, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, MAY 2008", US CUSTOMARY UNITS WITH ALL CURRENT ADDENDUMS.
- ROADSIDE DRAINAGE ALONG THE TOWN ROADS MUST BE MAINTAINED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL REQUIRED GRADING IN THE TOWN ROAD RIGHT-OF-WAY.
- NO WATER SERVICES SHALL BE CUT OR ALTERED UNLESS APPROVAL IS GRANTED BY THE MCWA.
- THE LOCATION OF THE STOCKPILE AREA WILL HAVE TO BE APPROVED WITH TOWN STAFF.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

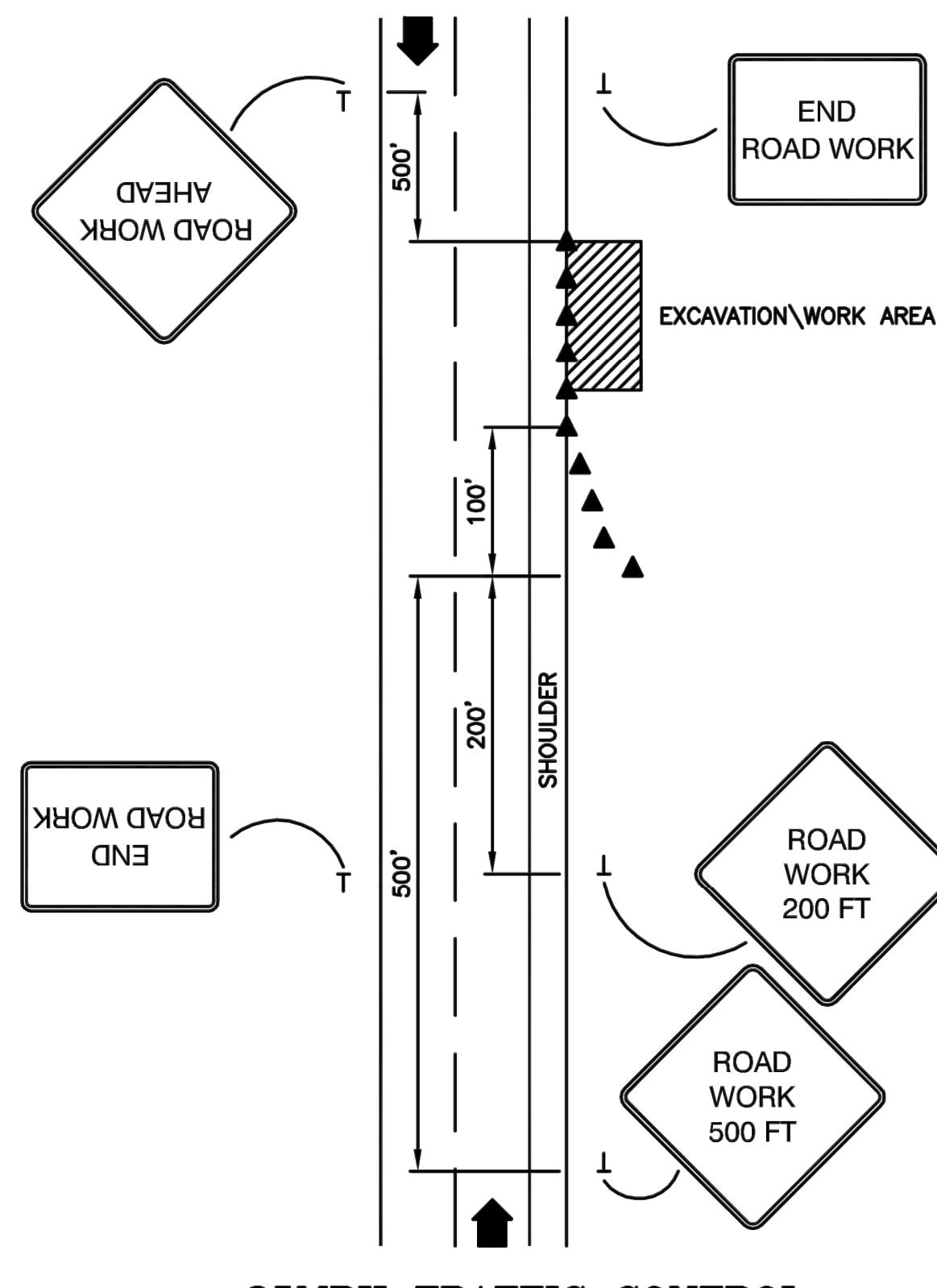
- THE CONTRACTOR SHALL BE AWARE THAT THE MAINTENANCE AND PROTECTION OF TRAFFIC IS A VERY CRITICAL ITEM OF THE CONTRACT AND SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 "MAINTENANCE AND PROTECTION OF TRAFFIC" OF THE STANDARD SPECIFICATIONS, AND THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ACTUAL FIELD CONDITIONS MAY REQUIRE OTHER SIGNS AND OTHER ARRANGEMENTS OF SIGNS.
- DISTANCES SHALL BE ADAPTED TO PREVAILING CONDITIONS. SIGNS SHALL BE LOCATED TO PROVIDE OPTIMUM VISIBILITY.
- SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT.
- THE CONTRACTOR MAY SUBMIT REVISIONS TO THIS PLAN FOR APPROVAL BUT ANY CHANGE THAT ALTERS THE BASIC CONCEPTS OF THE PLAN MUST BE APPROVED BY THE DIRECTOR OF ENGINEERING AND PLANNING OR HIS DESIGNEE.
- ALL SIGN NUMBERS REFER TO THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- DURING NON-WORKING HOURS, CONSTRUCTION EQUIPMENT AND MATERIALS SHALL NOT BE STORED WITHIN 30 FEET OF THE EDGE OF PAVEMENT.
- VEHICLES BELONGING TO THE CONTRACTOR OR WORKERS SHALL NOT BE PARKED WITHIN 30 FEET OF THE EDGE OF PAVEMENT ALONG A ROADWAY BEING USED BY THE GENERAL PUBLIC, UNLESS THEY ARE PARKED WITHIN A PROTECTED WORK ZONE.
- DURING WORKING HOURS, NO CONSTRUCTION MATERIAL SHALL BE STORED OR PLACED ON THE ROADWAY OR ROADWAY BED EXCEPT IN A PROTECTED WORK ZONE.
- NO DROP-OFF GREATER THAN SIX INCHES SHALL BE LEFT OVERNIGHT WITHIN 30 FEET OF THE EDGE OF PAVEMENT. DROP-OFFS LESS THAN SIX INCHES WILL BE PERMITTED IF PROPER DELINEATION AND SIGNAGE IS PROVIDED. PROPER DELINEATION SHALL CONSIST OF DRUMS, VERTICAL PANELS OR BARRICADES, PROVIDED THEY ARE PROPERLY PAINTED AND REFLECTORIZED IN ACCORDANCE WITH THE NYS M.U.T.C.D.. PROPER SIGNAGE SHALL CONSIST OF A W20-1 ROAD SIGN SERIES WHICH INCLUDES A W20-5R "NO SHOULDER" SIGN. A DROP-OFF IS CONSIDERED ELIMINATED IF TAPERED AWAY BY A 1 ON 6 SLOPE OR FLATTER. REFERENCE SECTION 619-3.01G OF THE STANDARD SPECIFICATIONS. WHEN DRUMS ARE USED FOR DELINEATION OR THE CHANNELIZATION OF TRAFFIC, ONLY APPROVED PLASTIC DRUMS MAY BE USED. THESE DRUMS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S DIRECTIONS AND IN ACCORDANCE WITH THE PROVISIONS OF TABLE 619-1 OF THE STANDARD SPECIFICATIONS.
- W8-22 "FLAGGER" SIGNS SHALL BE USED WHENEVER FLAGGING OCCURS FOR MORE THAN A BRIEF PERIOD OF TIME. THE SIGNS SHALL BE PROMPTLY REMOVED, COVERED, OR FACED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
- THE FLAGGING STATIONS AND LANE CLOSURES SHOULD BE LOCATED TO ENSURE MAXIMUM VISIBILITY
- LIGHTED BARRICADES SHALL BE PROVIDED AROUND ANY EQUIPMENT OR MATERIAL STORED ADJACENT TO THE RIGHT OF WAY.

STANDARD GENERAL PLAN NOTES

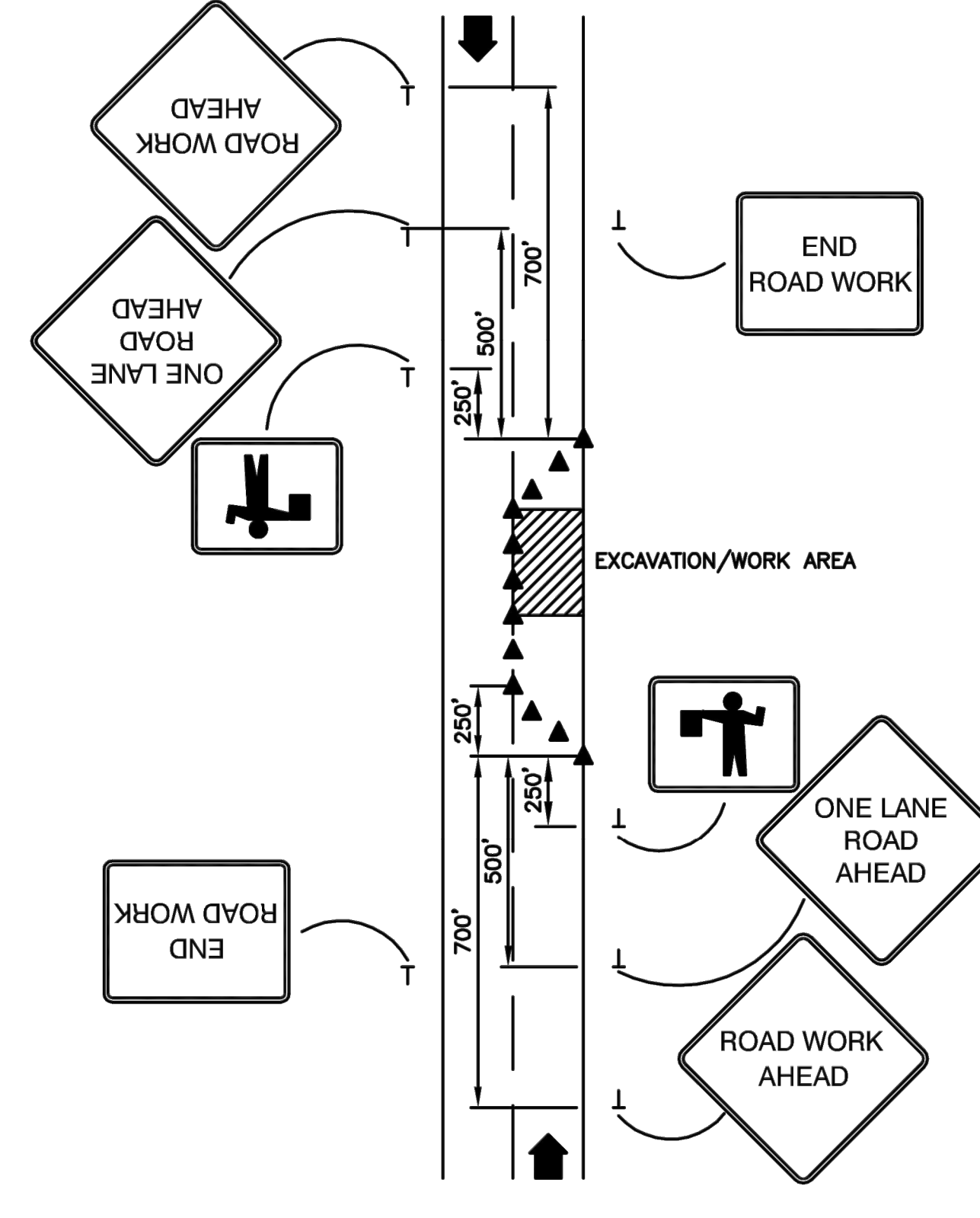
- NOTIFY DIG SAFELY NEW YORK 2 WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 811 FOR A UTILITY STAKE-OUT.
- ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE TOWN ROAD RIGHT-OF-WAY.
- QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
- NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.



35MPH TRAFFIC CONTROL FOR WORK DONE ADJACENT TO PAVEMENT



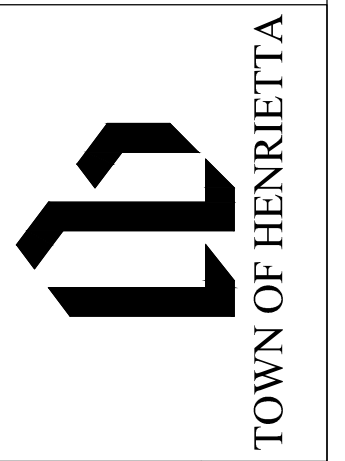
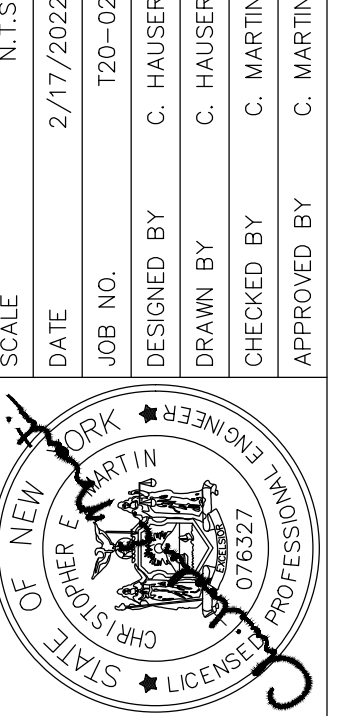
35MPH TRAFFIC CONTROL FOR WORK DONE ADJACENT TO SHOULDER



35MPH TRAFFIC CONTROL FOR WORK DONE IN DRIVING LANE

SCALE	N.T.S.
DATE	2/17/2022
JOB NO.	T20-02
DESIGNED BY	C. HAUSER
DRAWN BY	C. HAUSER
CHECKED BY	C. MARTIN
APPROVED BY	C. MARTIN
DESCRIPTION	REVISIONS
INITIALS	DATE

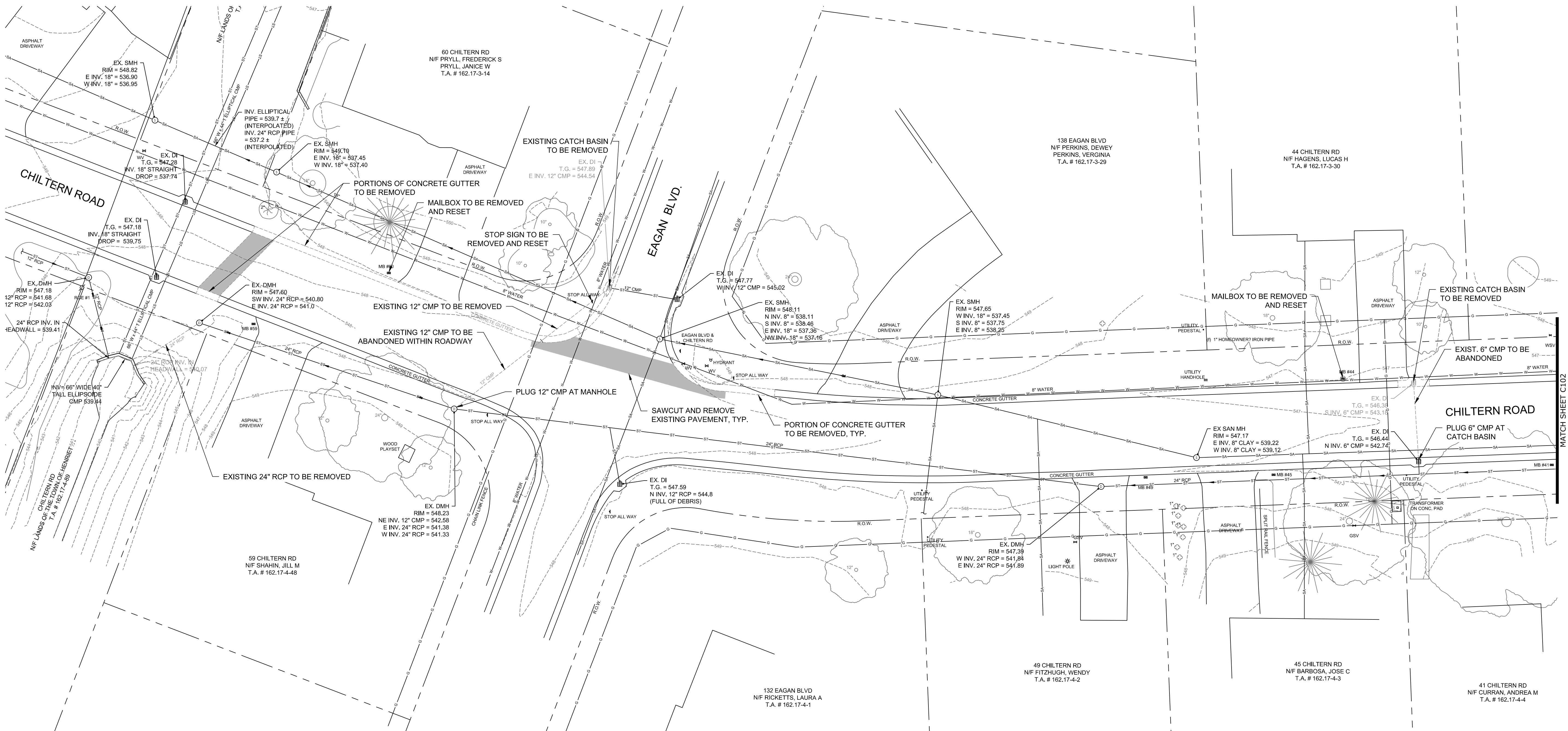
SCALE	N.T.S.
DATE	2/17/2022
JOB NO.	T20-02
DESIGNED BY	C. HAUSER
DRAWN BY	C. HAUSER
CHECKED BY	C. MARTIN
APPROVED BY	C. MARTIN
DESCRIPTION	REVISIONS
INITIALS	DATE



TOWN OF HENRIETTA
475 CALKINS ROAD
HENRIETTA, N.Y. 14467

CHILTERN ROAD DRAINAGE IMPROVEMENTS
GENERAL NOTES & TRAFFIC CONTROL

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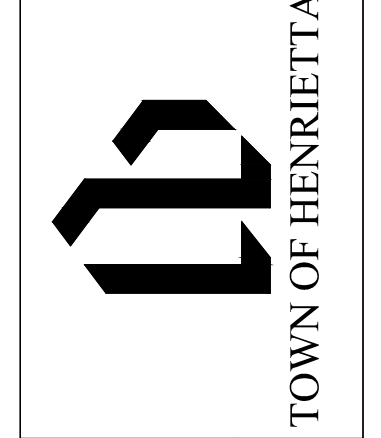
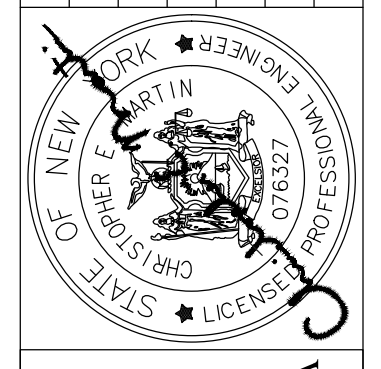


LEGEND

---	EXISTING PROPERTY LINE
---	EXISTING R.O.W.
—S—S—S—	EXISTING SANITARY SEWER
—ST—ST—ST—	EXISTING STORM SEWER
▣	EXISTING CATCH BASIN
—W—W—W—	EXISTING WATERMAIN AND VALVE
⊙	EXISTING HYDRANT
—G—G—G—	EXISTING GAS MAIN
—OT—OT—OT—	EXISTING OVERHEAD TELECOMMUNICATIONS
○	EXISTING LANDSCAPE FEATURE
☼	TREES

NOTE:
ALL STORM SEWER PIPE SHALL BE ABANDONED BY FILLING THE ENTIRE PIPE WITH K-CRETE.

SCALE	DATE	JOB NO.	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DESCRIPTION	INITIALS	DATE
1"=20'	2/17/2022	T20-02	C. HAUSER	C. HAUSER	C. HAUSER	C. MARTIN	CHILTERN ROAD DRAINAGE IMPROVEMENTS		



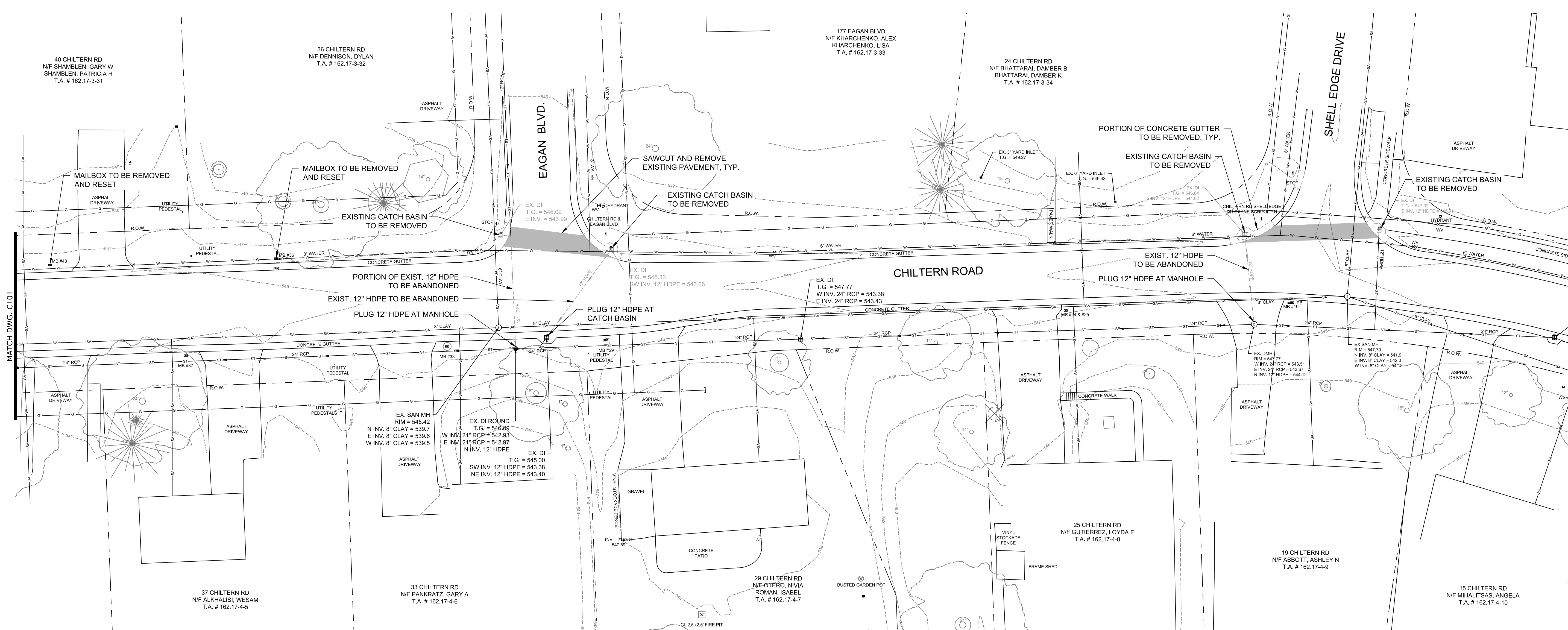
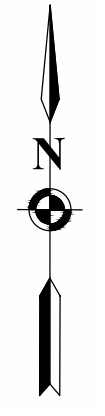
TOWN OF HENRIETTA
475 CALKINS ROAD
HENRIETTA, N.Y. 14467

CHILTERN ROAD DRAINAGE IMPROVEMENTS
EXISTING CONDITIONS & DEMOLITION PLAN - 1

DWG. NO.
C101

SHEET NO.
3 of 8

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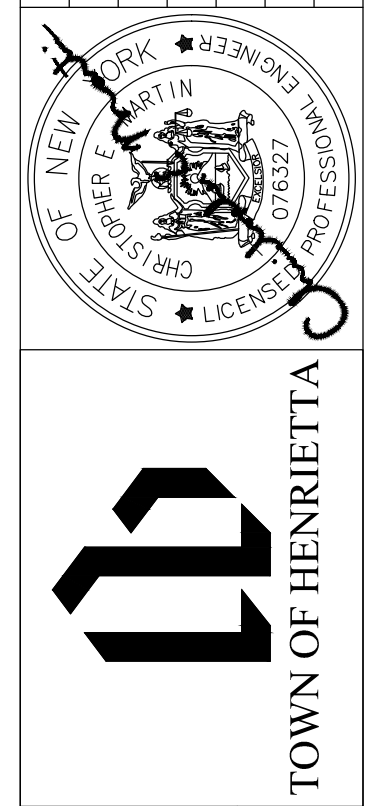
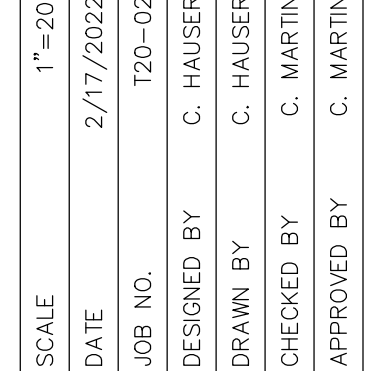
LEGEND

- EXISTING PROPERTY LINE
- EXISTING R.O.W.
- SAN --- EXISTING SANITARY SEWER
- ST --- EXISTING STORM SEWER
- WW --- EXISTING WATERMAIN AND VALVE
- G --- EXISTING GAS MAIN
- OT --- EXISTING OVERHEAD TELECOMMUNICATIONS
- EXISTING CATCH BASIN
- EXISTING HYDRANT
- EXISTING LANDSCAPE FEATURE
- TREES

NOTE:
ALL STORM SEWER PIPE SHALL BE ABANDONED BY FILLING THE ENTIRE PIPE WITH K-CRETE.

NO.	DATE	DESCRIPTION	INITIALS	DATE

SCALE	1"=20'
DATE	2/17/2022
JOB NO.	T20-02
DESIGNED BY	C. HAUSER
DRAWN BY	C. HAUSER
CHECKED BY	C. MARTIN
APPROVED BY	C. MARTIN



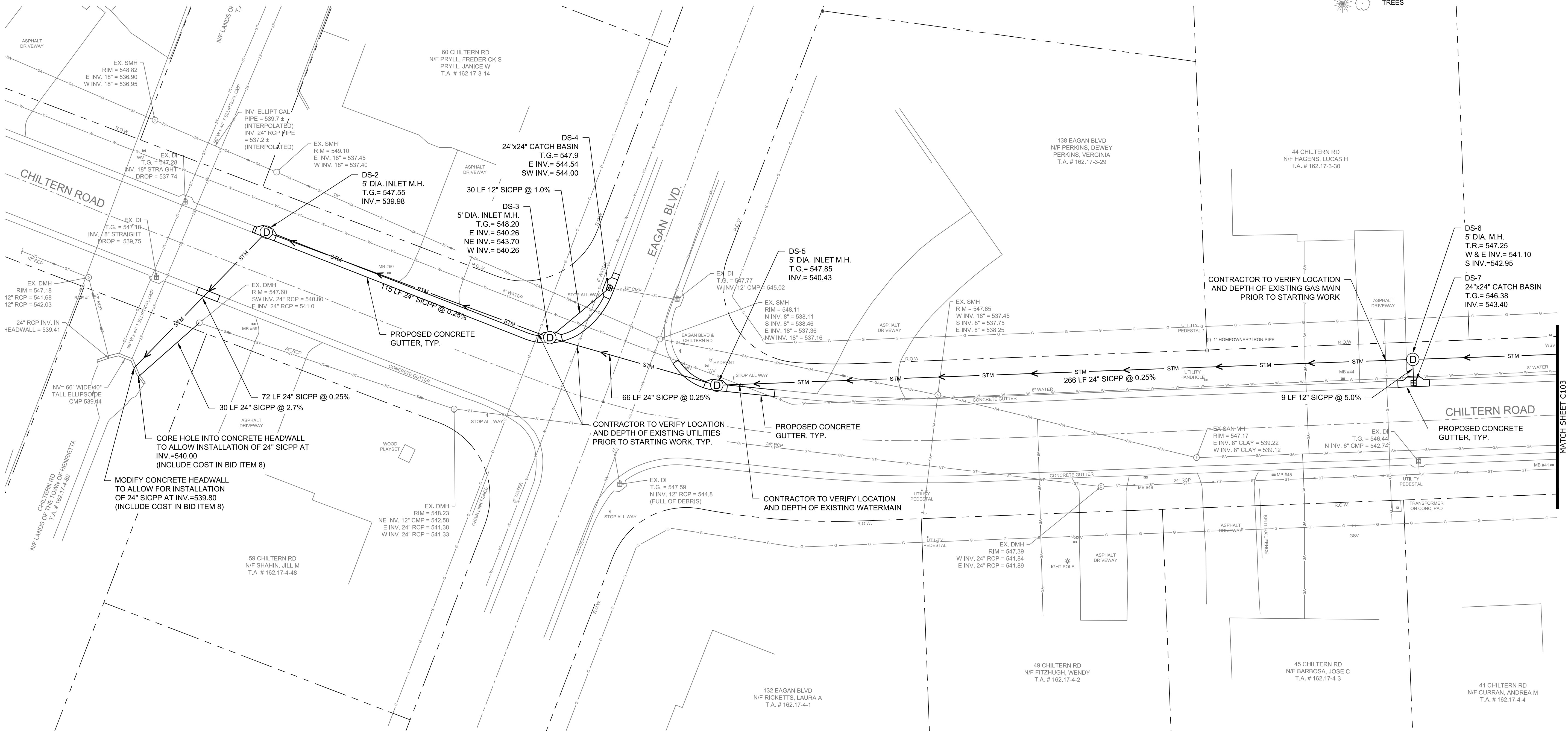
TOWN OF HENRIETTA
475 CALKINS ROAD
HENRIETTA, N.Y. 14467

CHILTERN ROAD DRAINAGE IMPROVEMENTS
EXISTING CONDITIONS & DEMOLITION PLAN - 2

DWG. NO.
C102

SHEET NO.
4 of 8

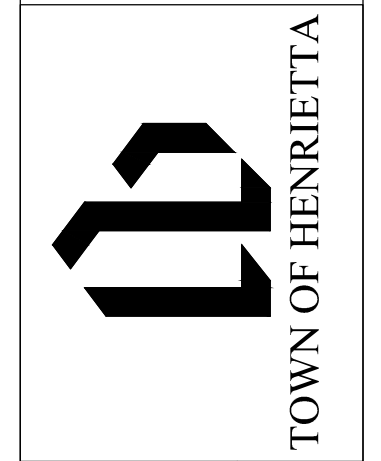
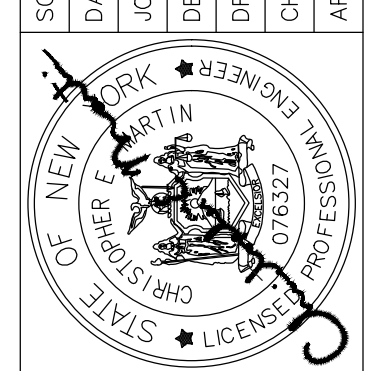
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LEGEND

- EXISTING PROPERTY LINE
- EXISTING R.O.W.
- SAN --- EXISTING SANITARY SEWER
- ST --- EXISTING STORM SEWER
- EXISTING CATCH BASIN
- EXISTING WATERMAIN AND VALVE
- EXISTING HYDRANT
- EXISTING GAS MAIN
- OT --- EXISTING OVERHEAD TELECOMMUNICATIONS
- EXISTING LANDSCAPE FEATURE
- STM --- PROPOSED STORM SEWER
- TREES

SCALE	DATE	JOB NO.	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
1"=20'	2/17/2022	T20-02	C. HAUSER	C. HAUSER	C. HAUSER	C. MARTIN

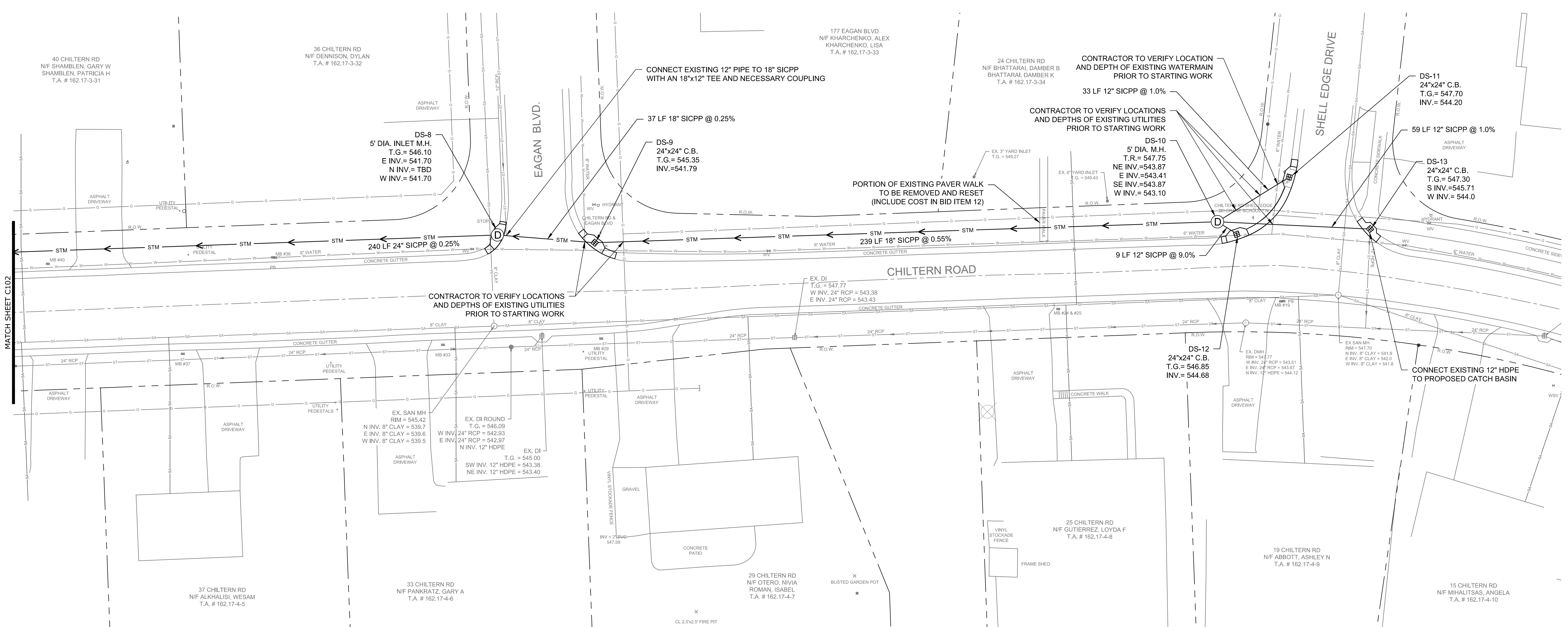
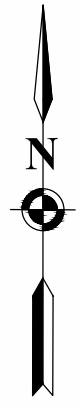


TOWN OF HENRIETTA
475 CALKINS ROAD
HENRIETTA, N.Y. 14467

CHILTERN ROAD DRAINAGE IMPROVEMENTS
UTILITY PLAN - 1

DESCRIPTION	INITIALS	DATE

DWG. NO. **C103**
 SHEET NO. **5 of 8**



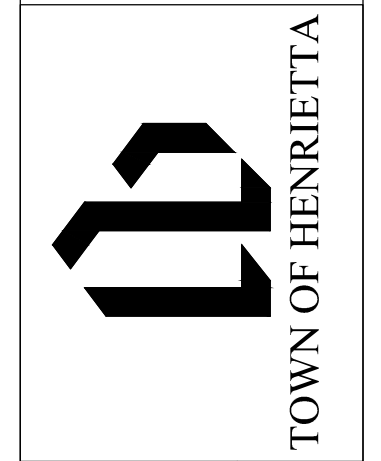
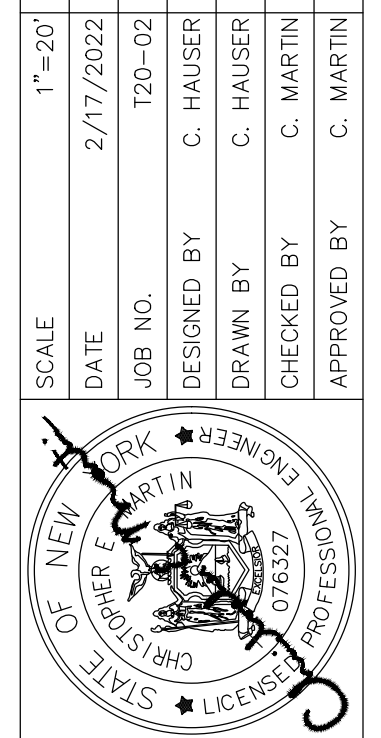
LEGEND

- EXISTING PROPERTY LINE
- EXISTING R.O.W.
- SAN --- SAN --- EXISTING SANITARY SEWER
- ST --- ST --- EXISTING STORM SEWER
- EXISTING CATCH BASIN
- EXISTING WATERMAIN AND VALVE
- EXISTING HYDRANT
- EXISTING GAS MAIN
- OT --- OT --- EXISTING OVERHEAD TELECOMMUNICATIONS
- EXISTING LANDSCAPE FEATURE
- STM --- STM --- PROPOSED STORM SEWER
- TREES

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NO.	DATE	DESCRIPTION	INITIALS	DATE

SCALE	DATE	JOB NO.	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
1"=20'	2/17/2022	T20-02	C. HAUSER	C. HAUSER	C. MARTIN	C. MARTIN

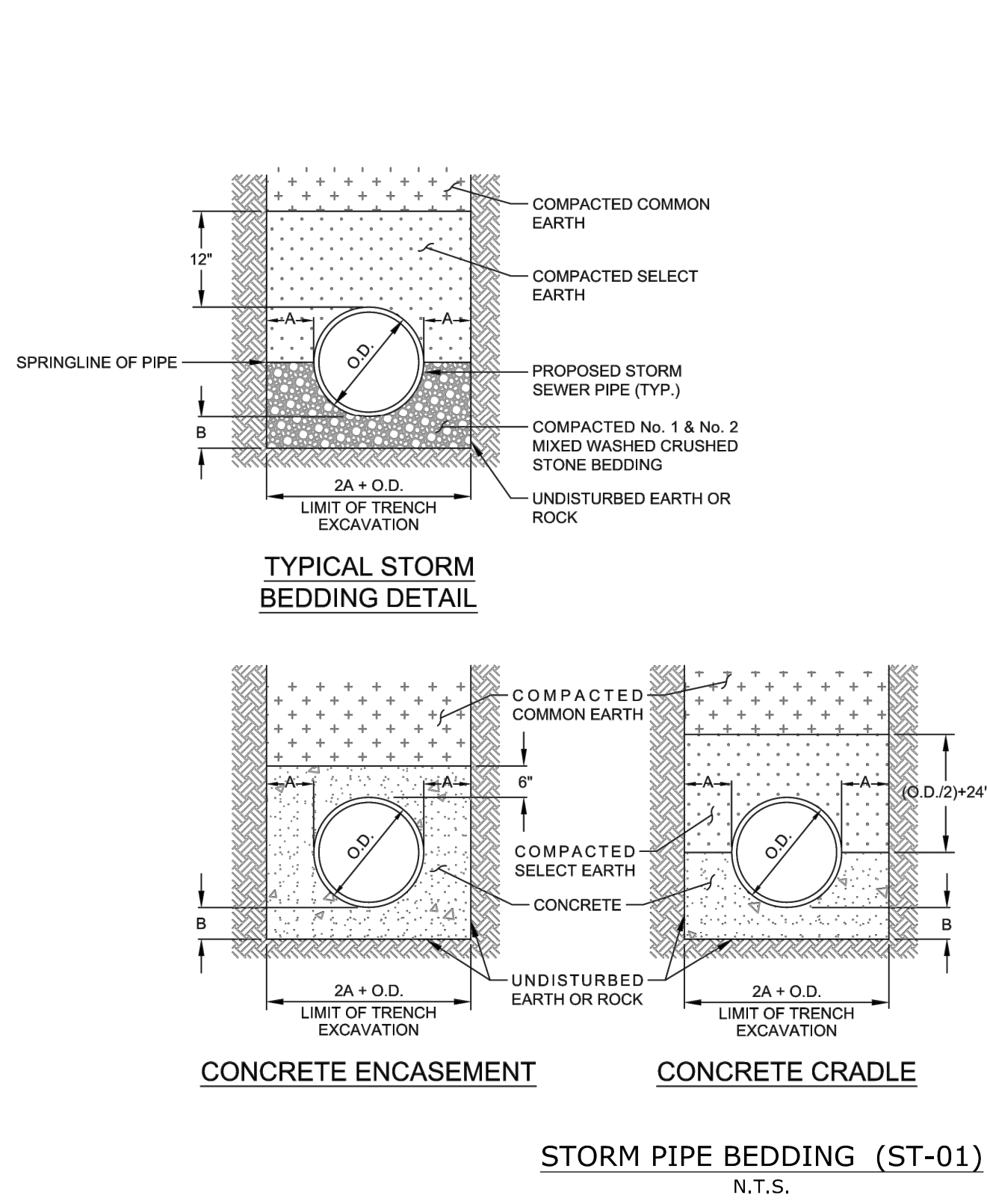


TOWN OF HENRIETTA
475 CALKINS ROAD
HENRIETTA, N.Y. 14467

CHILTERN ROAD DRAINAGE IMPROVEMENTS
UTILITY PLAN - 2

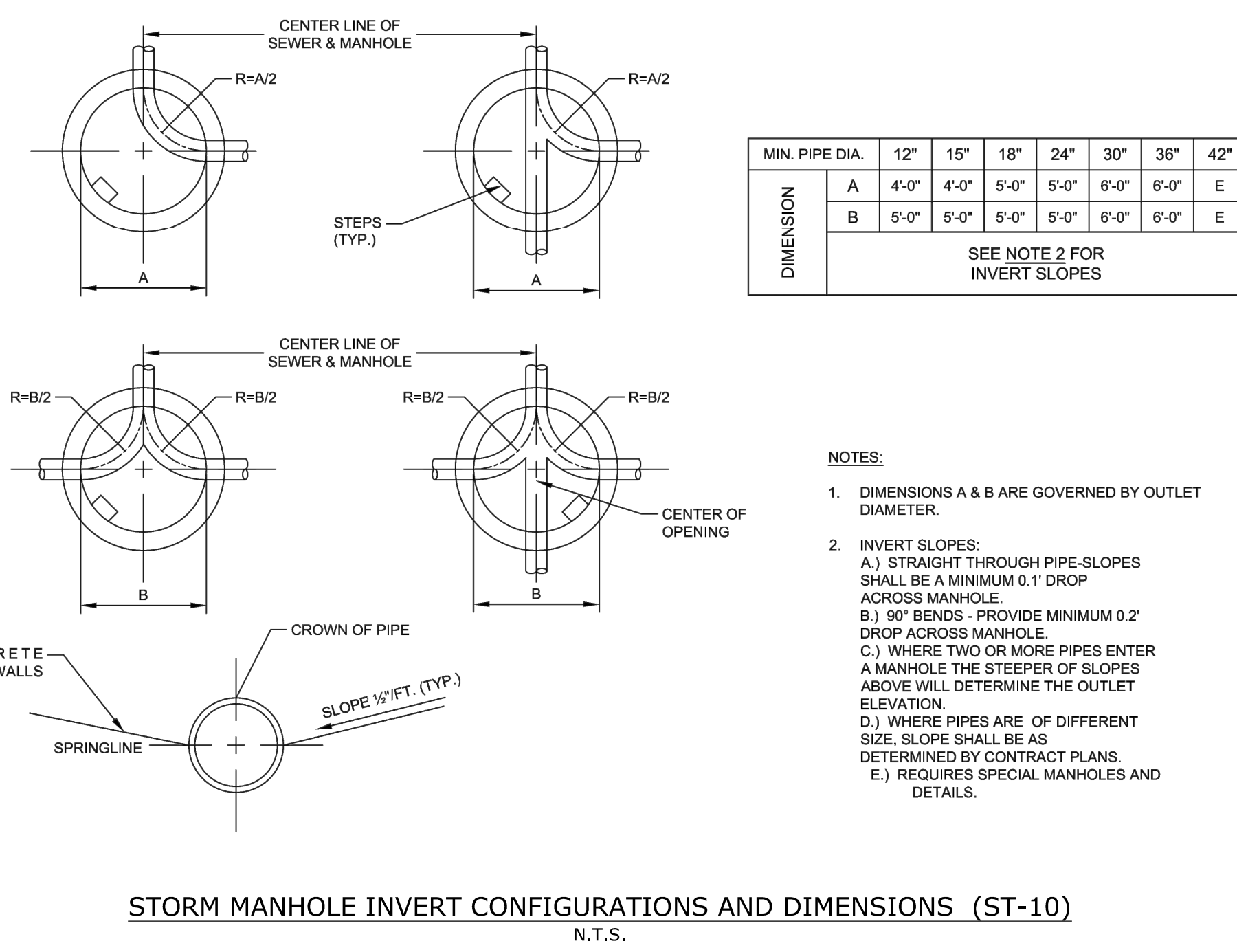
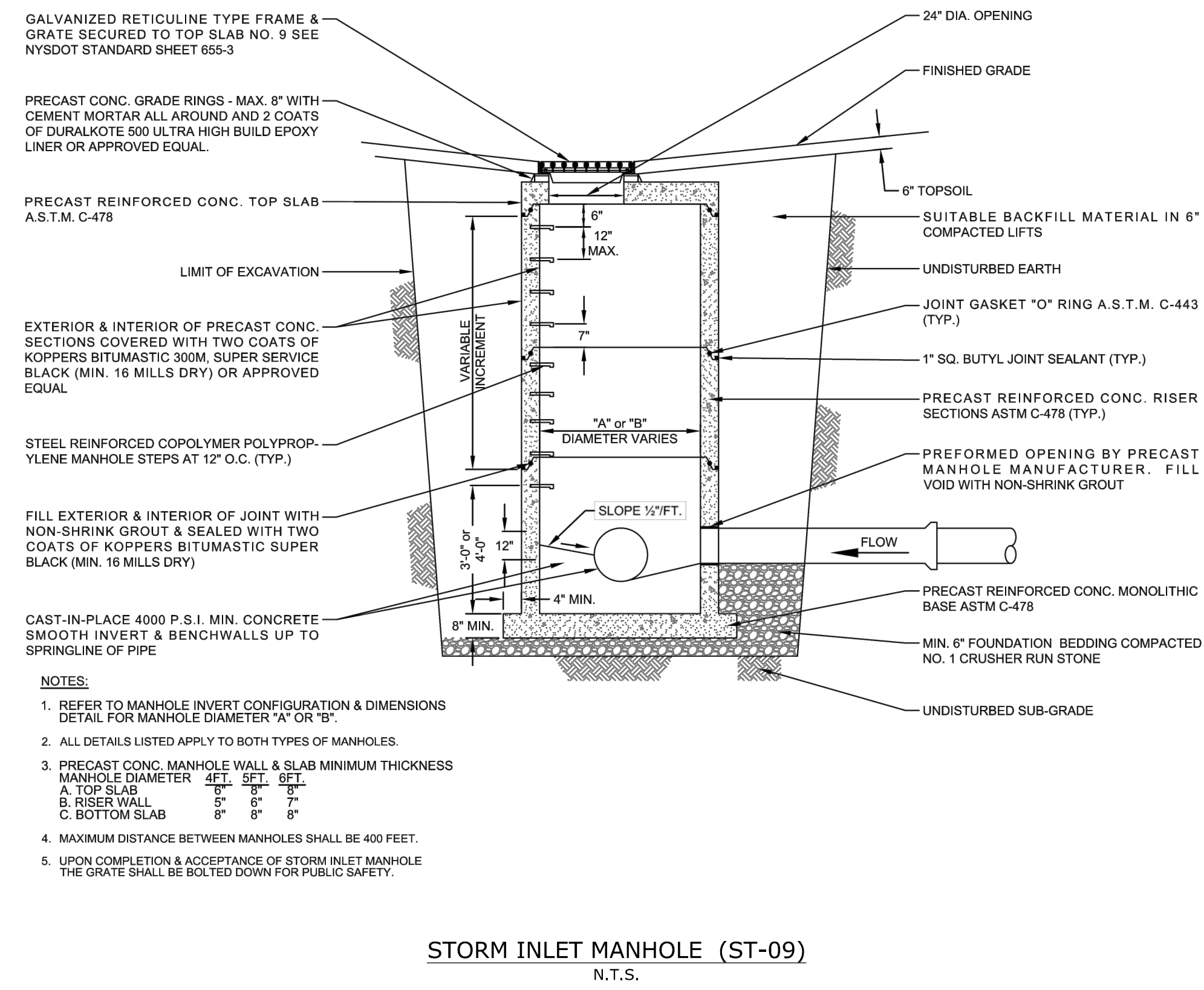
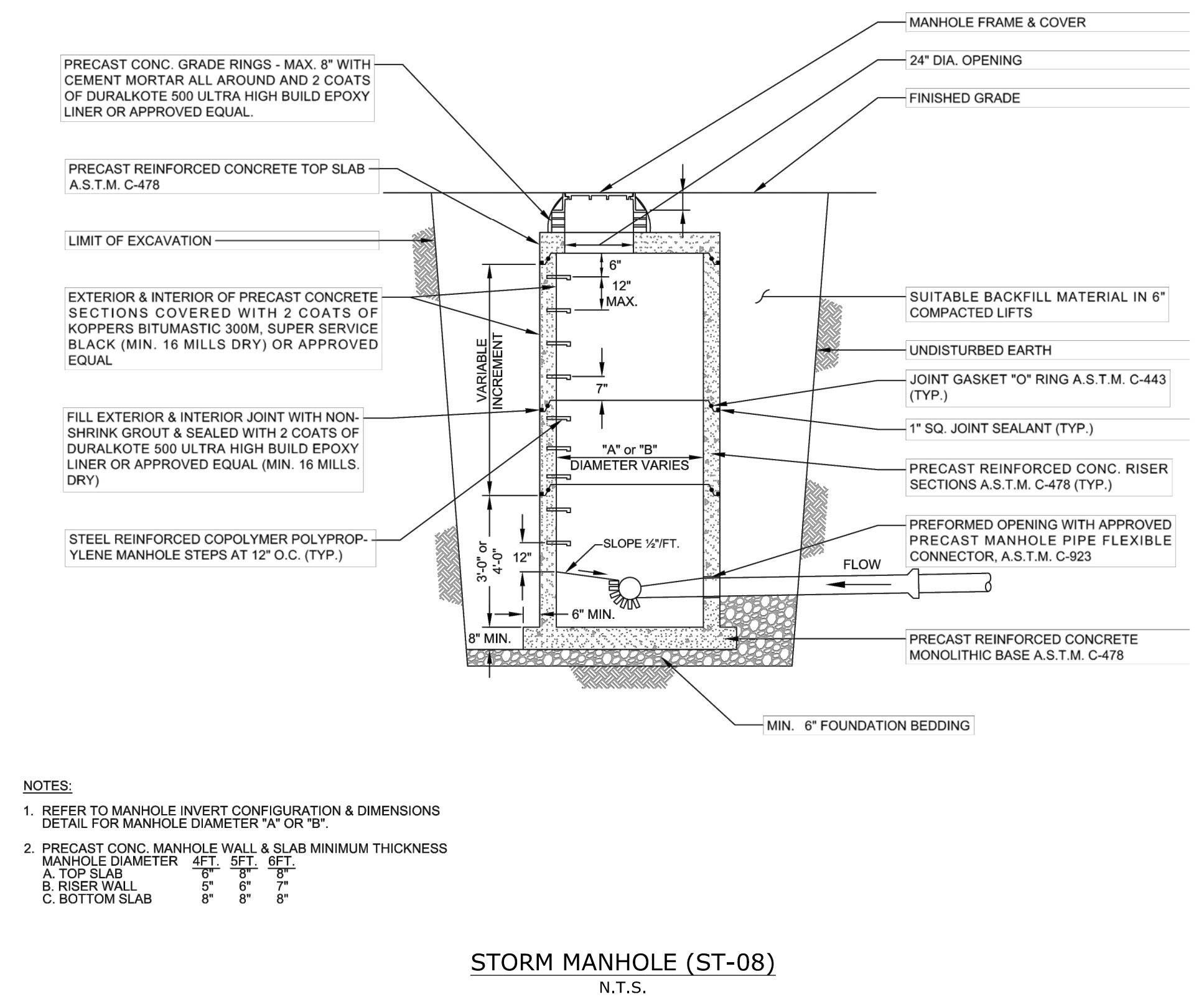
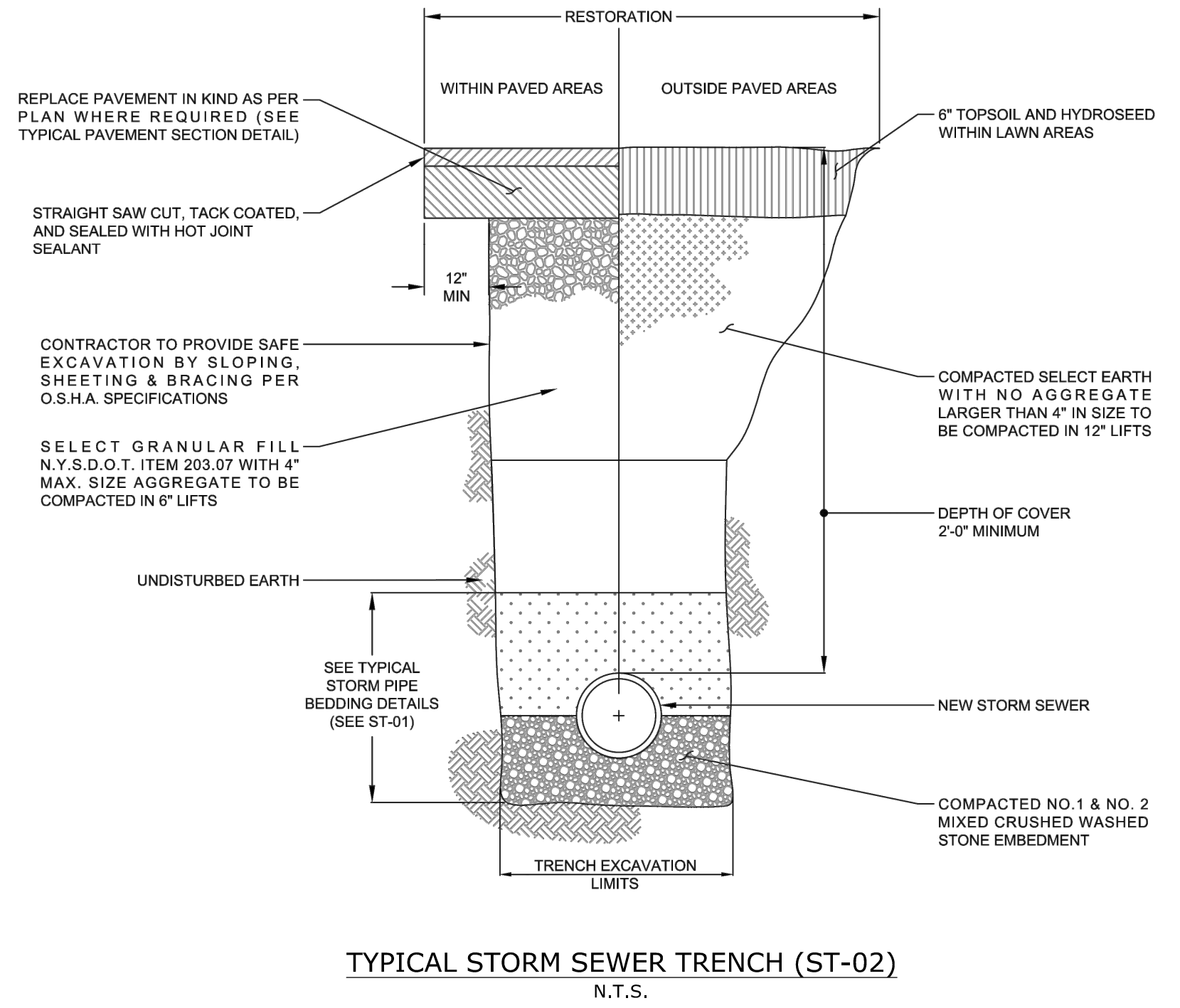
DWG. NO.	C104
SHEET NO.	6 of 8

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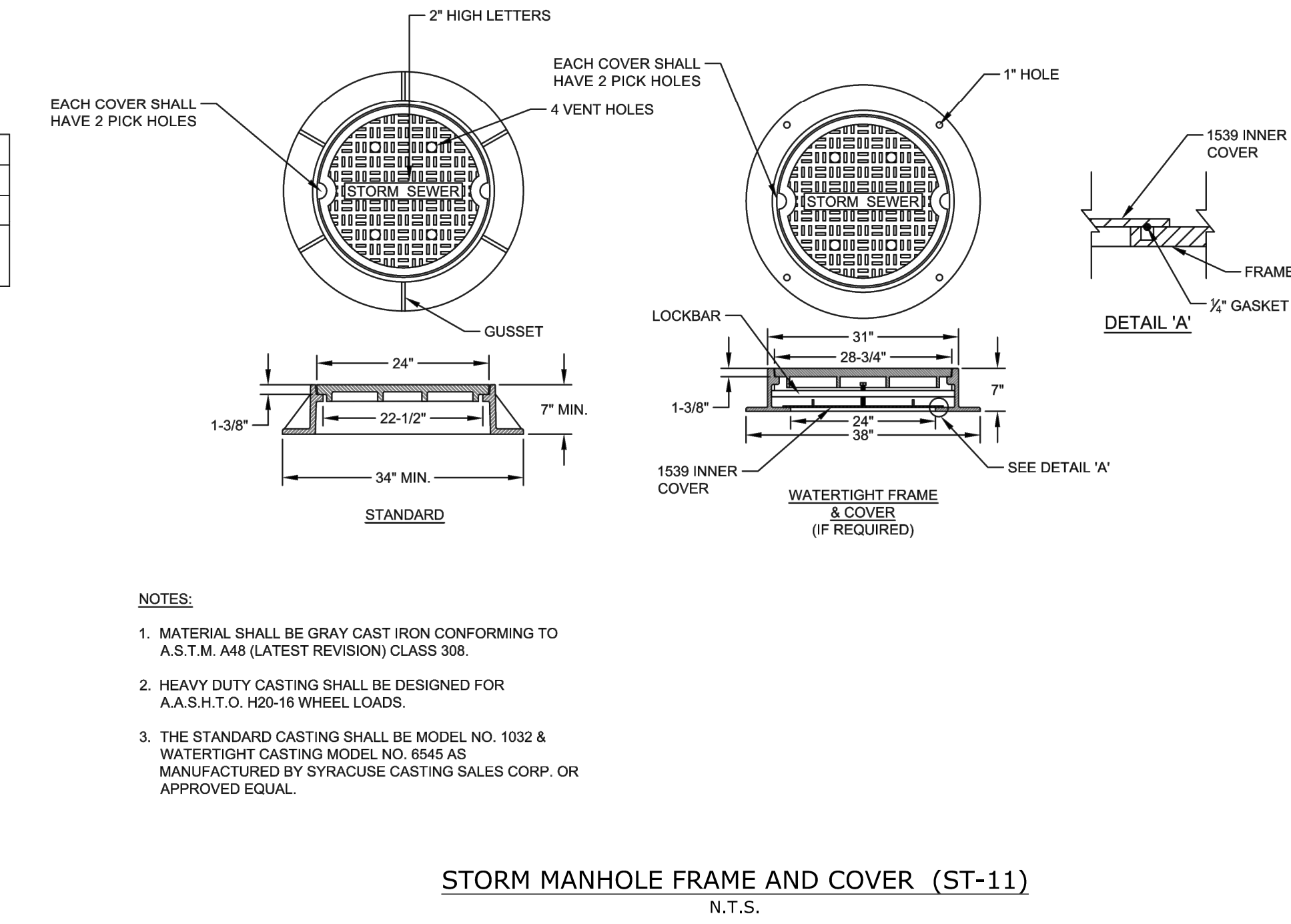
PIPE DIA.	A	B
UP TO 18"	12"	6"
21" TO 36"	18"	9"
OVER 36"	24"	12"

- NOTES:**
- ALL STORM SEWER PIPE SHALL BE 12" MINIMUM PIPE DIAMETER, POLYVINYL CHLORIDE PIPE (PVC SDR-35) OR HEAVY DUTY CORRUGATED POLY-ETHYLENE (PE) SMOOTH INNER WALL TYPE D BELL & SPIGOT TYPE & RUBBER GASKET.
 - ALL STORM LATERAL PIPE SHALL BE 4" MINIMUM PIPE DIAMETER, POLYVINYL CHLORIDE PIPE (PVC SDR-21), BELL & SPIGOT TYPE & RUBBER GASKET OR SCHEDULE 40.
 - SELECT EARTH SHALL BE SAND GRAVEL AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSIONS.
 - STONE ENCASEMENT SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NYSDOT, STANDARD SPECIFICATION, MAY 1, 2008 EDITION PAGES 7-14, SUBSECTION 703-0201 "CRUSHED STONE", PRIMARY SIZE OR A MIXTURE OF PRIMARY SIZES 1 AND 2.
 - CONCRETE SHALL BE CAST-IN-PLACE CLASS "A" MEETING NYSDOT SECTION 501 SPECIFICATIONS.

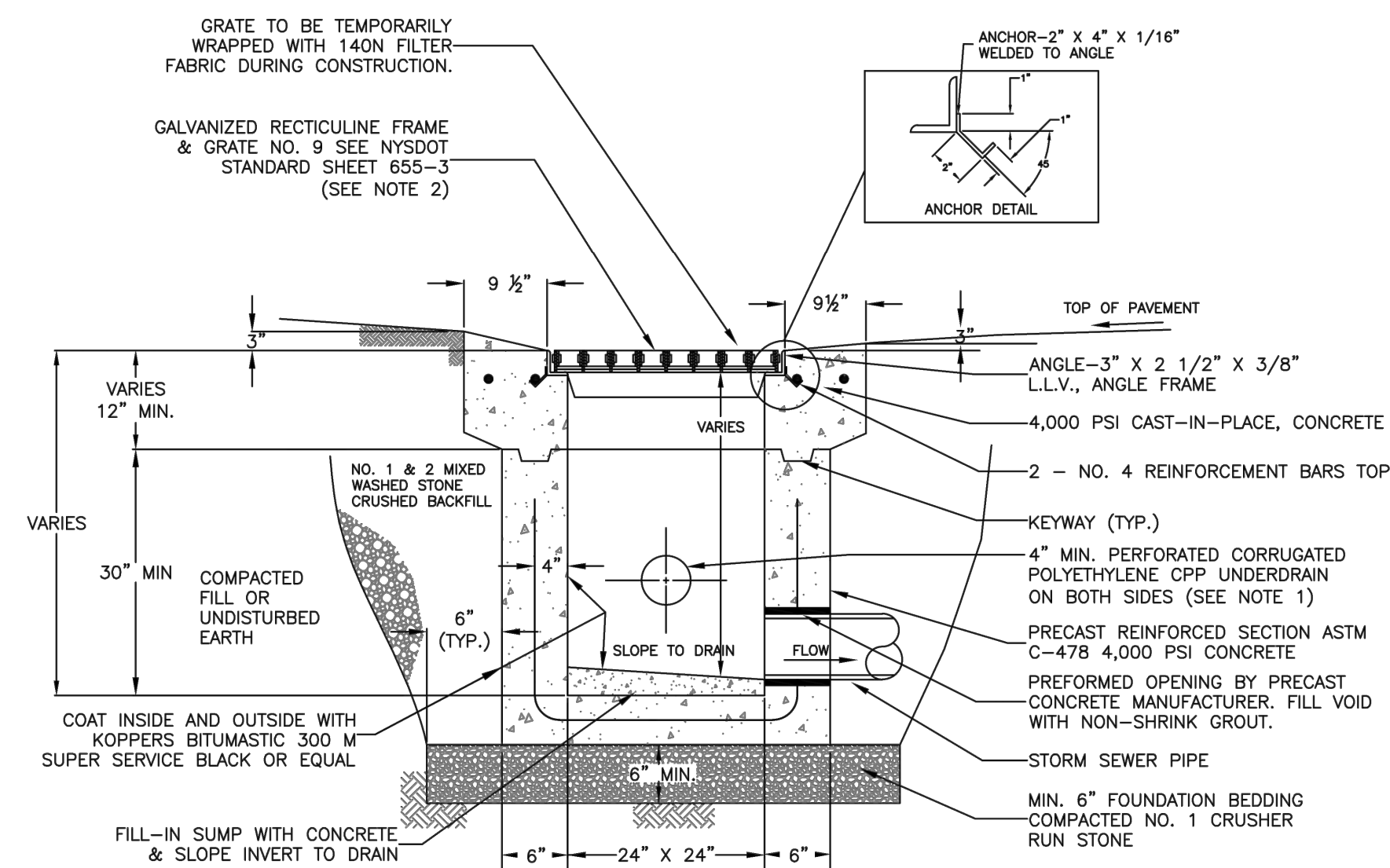


MIN. PIPE DIA.	12"	15"	18"	24"	30"	36"	42"
A	4'-0"	4'-0"	5'-0"	5'-0"	6'-0"	6'-0"	E
B	5'-0"	5'-0"	5'-0"	5'-0"	6'-0"	6'-0"	E

SEE NOTE 2 FOR INVERT SLOPES

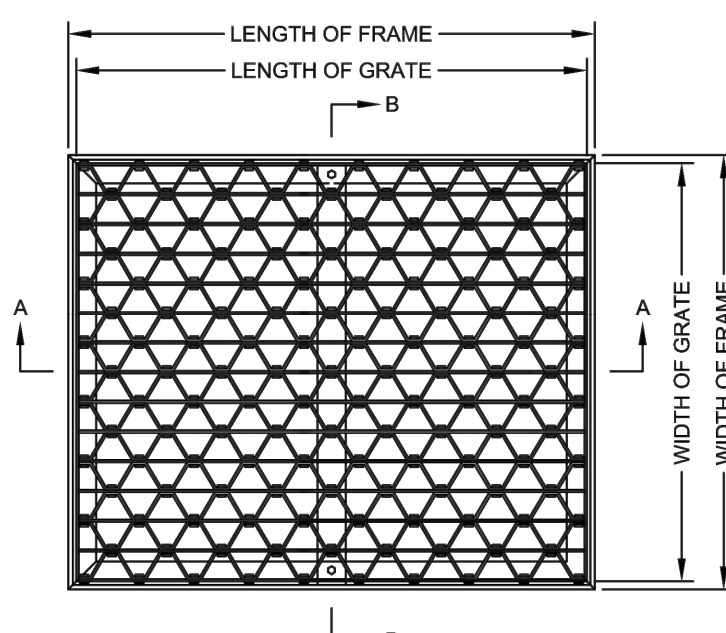


SCALE	N.T.S.	DATE	2/17/2022	JOB NO.	T20-02	DESIGNED BY	C. HAUSER	DRAWN BY	C. HAUSER	CHECKED BY	C. MARTIN	APPROVED BY	C. MARTIN	DESCRIPTION	INITIALS	DATE
														REVISIONS		
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- NOTES:**
1. ROADWAY UNDERDRAIN PIPE SHALL ONLY BE PLUGGED ON DOWNSTREAM SIDE OF CATCH BASIN, BUT NOT IN LOW POINT CATCH BASINS.
 2. THE MAIN SUPPORT BARS ON THE RETICULINE GRATE SHALL BE PARALLEL TO THE ROADWAY WITH SECURING BOLTS PERPENDICULAR TO ROADWAY.
 3. UPON COMPLETION & ACCEPTANCE OF CATCH BASIN, THE GRATE SHALL BE BOLTED DOWN FOR PUBLIC SAFETY.

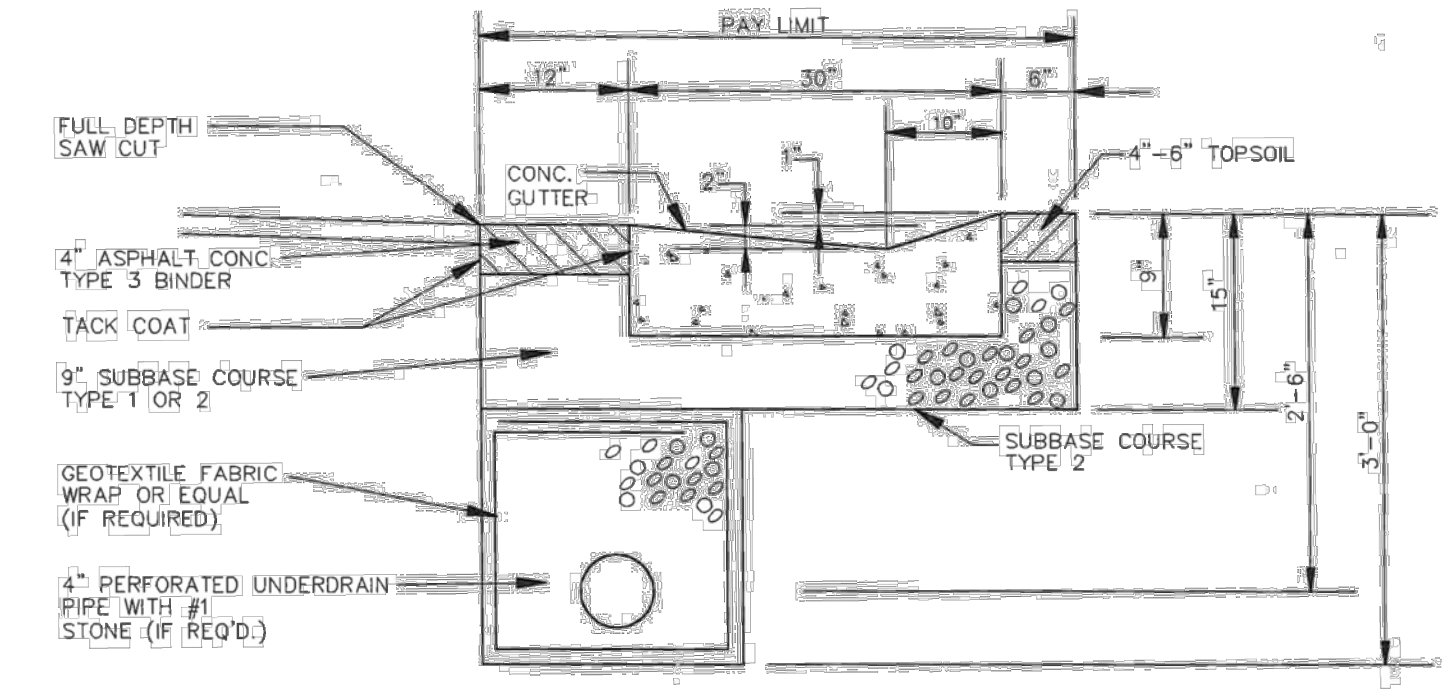
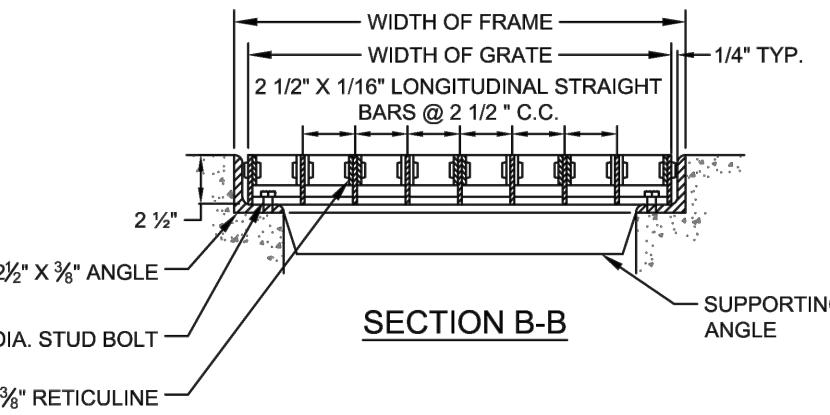
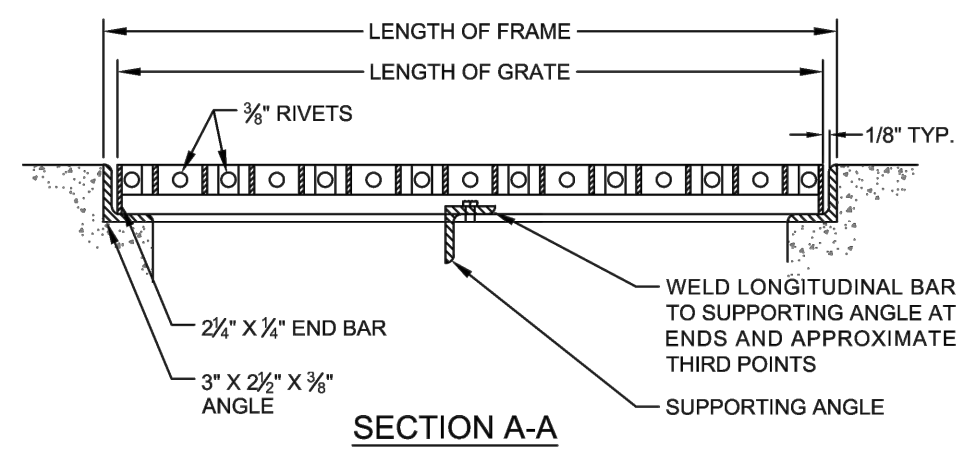
CATCH BASIN - GUTTER APRON (ST-15)
N.T.S.



- NOTE:**
1. THE LOWER GRATE SUPPORTING ANGLE SHALL BE PERPENDICULAR TO ROADWAY PAVEMENT.
 2. GRATING SHALL BE GROUND TO FIT FILLETS IN FRAME ANGLES. WELDS ON INSIDE OF FRAME AND OUTSIDE OF GRATING SHALL BE GROUND SMOOTH. ALL MATERIAL SHALL BE SAND OR SHOT-BLASTED BEFORE GALVANIZING. FRAME AND GRATING SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH A.S.T.M. A306. GRATING DESIGNED FOR 18,000 POUND WHEEL LOAD (H20 LOADING). MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATIONS FOR STRUCTURAL STEEL FOR WELDING A.S.T.M. DESIGNATION A375.

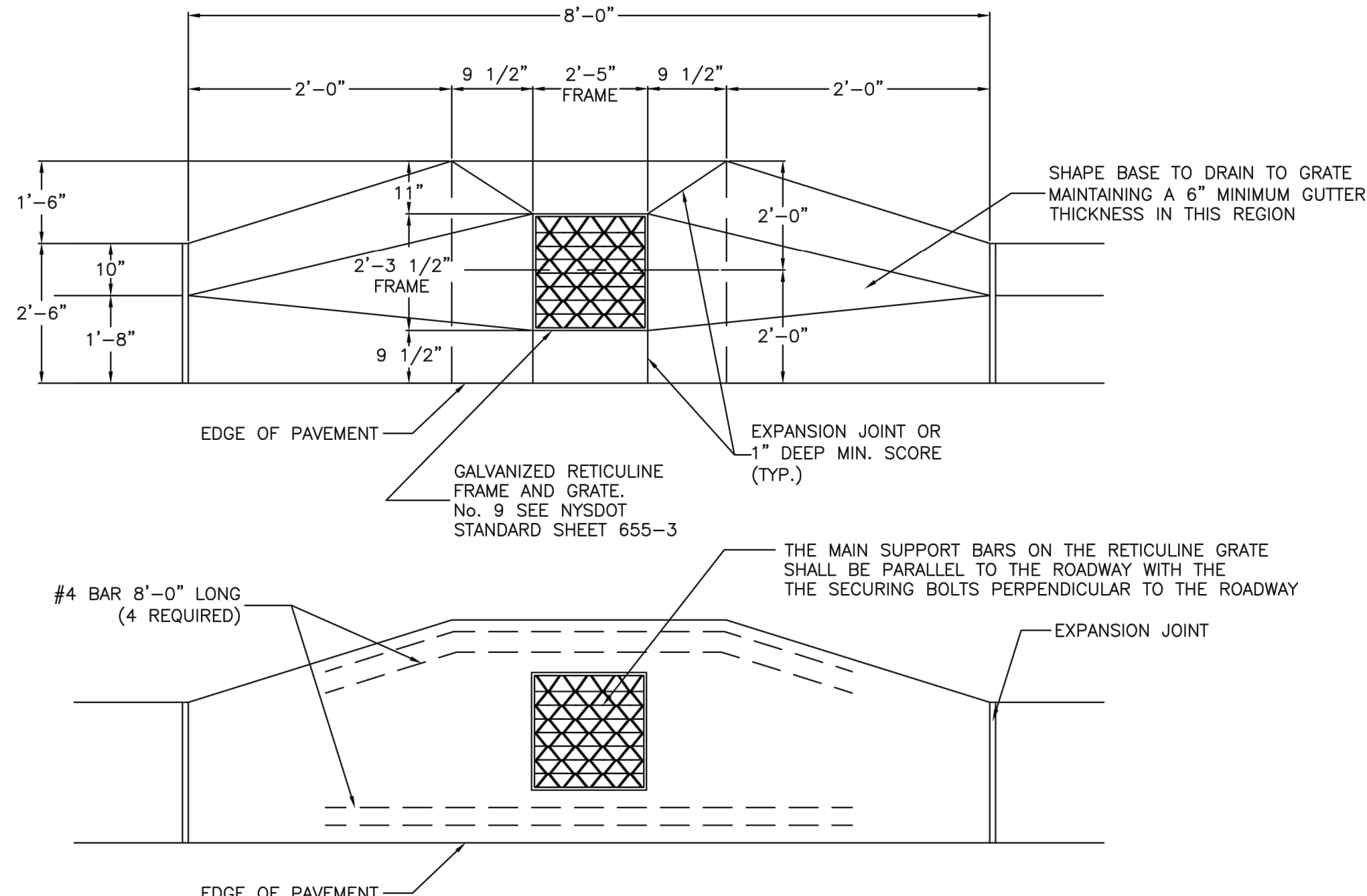
No.	FRAMES			GRATES					Approx. Weight Lbs.	Payment Area (S.F.)	
	Outside Dimensions	Approx. Weight Lbs.	Outside Dimensions	Longitudinal Straight Bars 2 1/2" x 3/8"	Longitudinal Reticuline Bars 1 1/2" x 3/8"	End Bars (2) 2 1/2" x 3/8"	Supporting Angles				
9	2'-4 1/2" x 2'-3 1/2"	60	2'-3 1/2" x 2'-2 1/2"	No. Length	No. Length	No. Length	No.	Sizes	Length	118	5.2

RETICULINE FRAME AND GRATE (ST-17)
N.T.S.

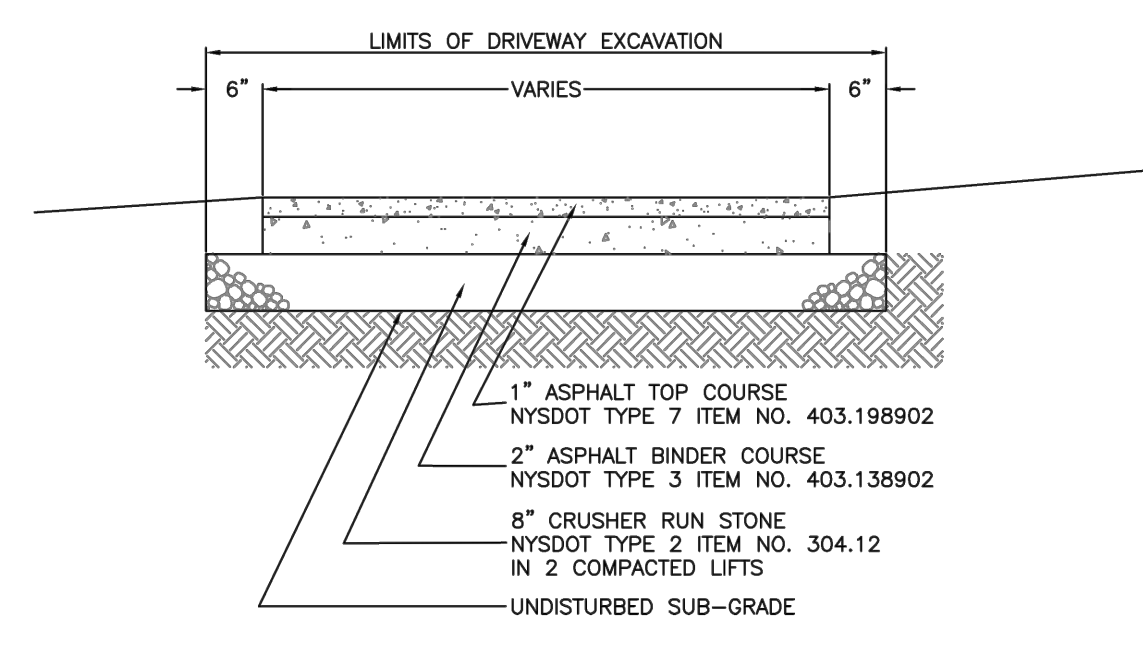


- NOTES:**
1. COST OF ALL EXCAVATION, SUBBASE COURSES TYPE 1 AND 2, ASPHALT BASE, SAW CUT, CONCRETE GUTTER, EXPANSION JOINTS, AND CURING WITHIN PAY LIMITS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR GUTTER REPLACEMENT ITEM.
 2. REPLACE FULL GUTTER SEGMENTS ONLY.
 3. CONCRETE MIN. SHALL BE 4000 PSI MIN. 28 DAY COMPRESSIVE STRENGTH.
 4. UNDERDRAIN NOT REQUIRED UNLESS OTHERWISE STATED IN THE SPECIFICATIONS.
 5. CONTRACTOR TO VERIFY EXISTING UNDERDRAIN IN FIELD. IF PRESENT UNDERDRAIN TO BE REINSTALLED WITH NEW GUTTER.

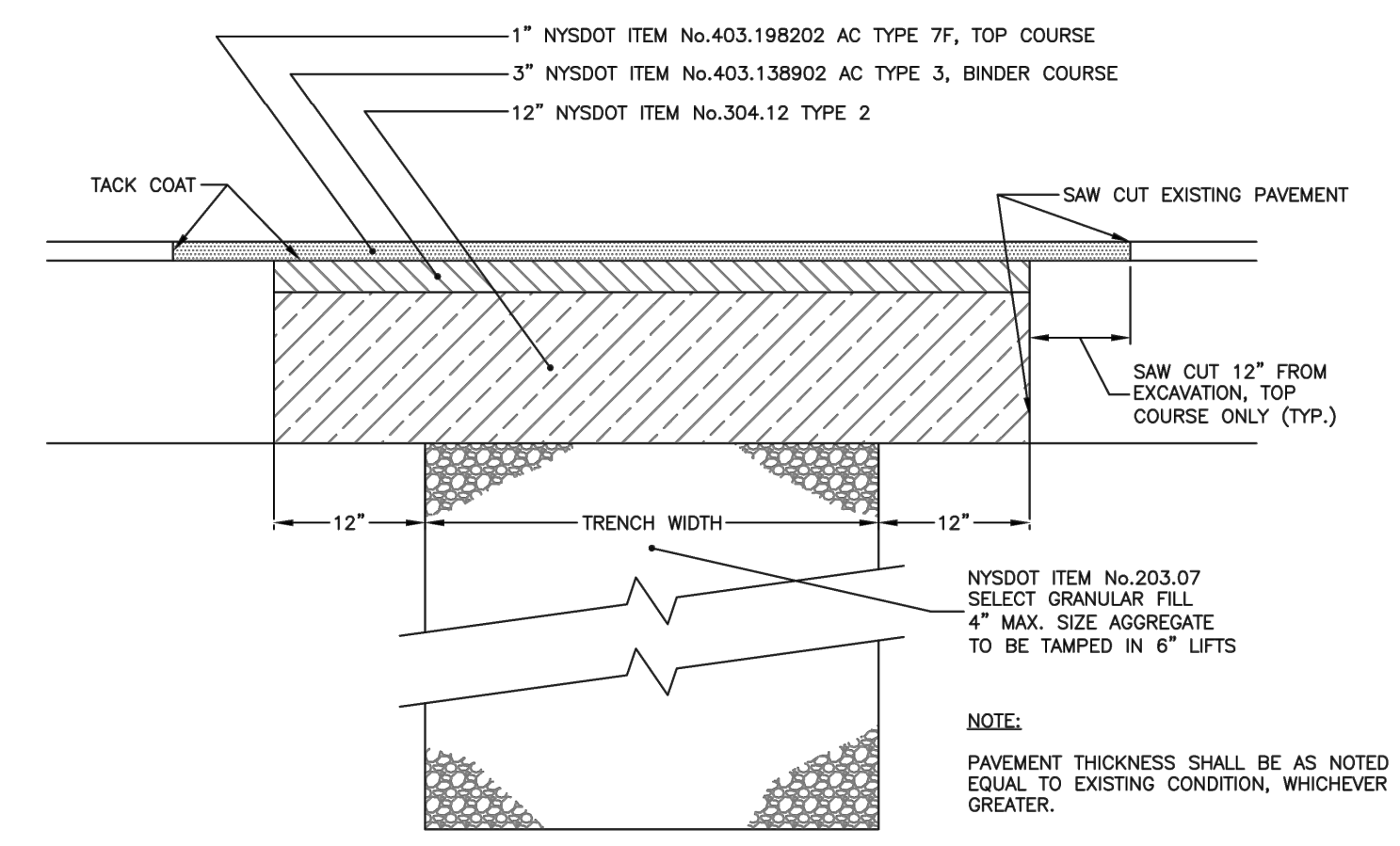
CONCRETE GUTTER REPLACEMENT
N.T.S.



STANDARD CONCRETE GUTTER APRON (RD-10)
N.T.S.



ASPHALT DRIVEWAY (RD-15a)
N.T.S.



RESIDENTIAL PAVEMENT TRENCH RESTORATION (RD-20a)
N.T.S.

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SCALE	N.T.S.	DATE	2/17/2022	JOB NO.	T20-02	DESIGNED BY	C. HAUSER	DRAWN BY	C. HAUSER	CHECKED BY	C. MARTIN	APPROVED BY	C. MARTIN
TOWN OF HENRIETTA 475 CALKINS ROAD HENRIETTA, N.Y. 14467 CHILTERN ROAD DRAINAGE IMPROVEMENTS CONSTRUCTION DETAILS - 2													
DWG. NO. C201													
SHEET NO. 8 of 8													