

# HIGHWAY IMPROVEMENT PLANS

# 500 COMMERCE STREET REDEVELOPMENT

TAX MAP SECTION 112.06 | BLOCK 1 | LOT 46

WESTCHESTER COUNTY  
500 COMMERCE STREET  
HAWTHORNE, NY 10532

**Applicant / Owner:**  
500 COMMERCE LLC  
3 WEST STEVENS AVENUE  
HAWTHORNE, NY 10532  
(914) 741-4435

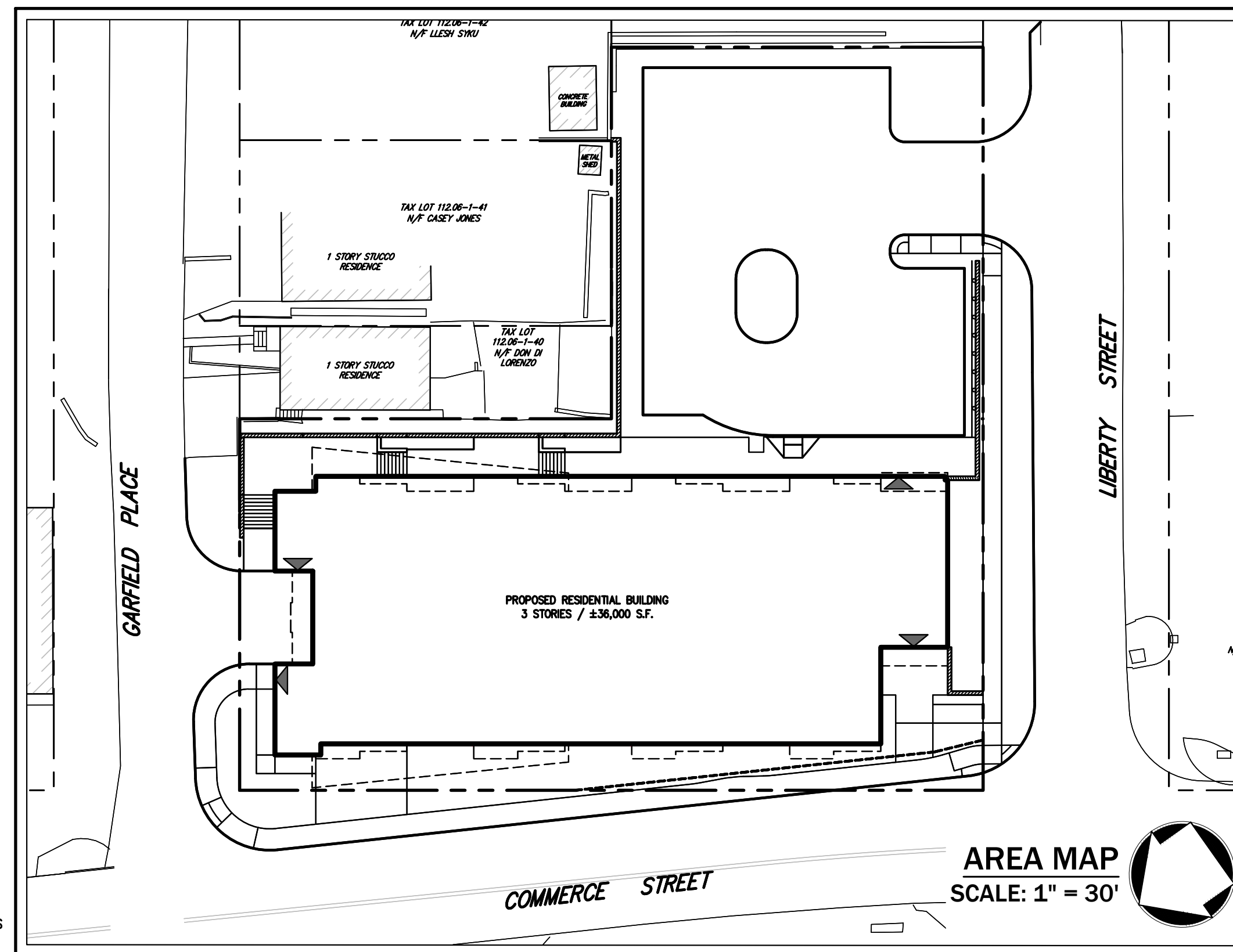
**Surveyor:**  
TC MERRITS LAND SURVEYORS  
394 BEDFORD ROAD  
PLEASANTVILLE, NY 10570  
(914) 769-8003

**Architect:**  
DIMOVSKI ARCHITECTURE PLLC  
59 KENSICO ROAD  
THORNWOOD, NY 10594  
(914) 747-350

**Civil & Traffic Engineer,  
and Landscape Architect:**  
JMC  
120 BEDFORD ROAD  
ARMONK, NY 10504  
(914) 273-5225

**JMC Drawing List:**

- HP-1 COVER SHEET
- HP-2 LAYOUT PLAN PHASE 1
- HP-2A LAYOUT PLAN PHASE 2
- HP-3 SIGNING, STRIPING, & LANDSCAPING PLAN
- HP-4 GRADING & UTILITIES PLAN
- HP-5 EROSION AND SEDIMENT CONTROL PLAN
- HP-6 WORK ZONE TRAFFIC CONTROL PLAN
- HP-7 CONSTRUCTION DETAILS
- HP-8 CONSTRUCTION DETAILS
- HP-9 CONSTRUCTION DETAILS
- HP-10 CONSTRUCTION DETAILS



**WINTER WORK: STANDARD CONDITIONS AND OBLIGATION FOR HIGHWAY WORK PERMITS:**

WINTER TIME WORK OPERATIONS REQUIRE PRIOR PERMISSION FROM NYSOT PERMIT FIELD ENGINEER (AKA INSPECTOR) AND/OR RESIDENT ENGINEER.

**SNOW PLOWING REQUIREMENTS:**

DUE TO POSSIBLE SNOW FALL AND HENCE SNOW PLOWING OPERATIONS, ANY STEEL PLATES USED TO COVER AN EXCAVATION SHALL BE RECESSED INTO THE PAVEMENT AND PINNED.

**WINTER TIME EARTHWORK REQUIREMENTS:**

ALL PERMIT WORK UNDER CONSTRUCTION BETWEEN THE DATES OF NOVEMBER 1 THROUGH MAY 1 SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

1. GRANULAR OR OTHER FROST SUSCEPTIBLE MATERIAL SHALL NOT BE PLACED WHEN THE TEMPERATURE IS BELOW 32 DEGREES FAHRENHEIT.
2. FROZEN MATERIAL SHALL NOT BE INCORPORATED INTO EMBANKMENTS OR BACKFILLS.
3. MATERIAL SHALL NOT BE PLACED ON FROZEN GROUND.
4. THE MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH HIGHWAY DESIGN MANUAL CHAPTER 13 APPENDIX 13C, "REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF UNDERGROUND UTILITY INSTALLATIONS WITHIN THE STATE HIGHWAY RIGHT-OF-WAY" (AKA BLUE BOOK), LATEST REVISION, AND/OR E104-015 (ENGINEERING INSTRUCTION).
5. ANY SPECIAL CONDITIONS AND RESTRICTIONS AS MAY BE IMPOSED BY THE RESIDENT ENGINEER OR THE REGIONAL GEOTECHNICAL (SOILS) ENGINEER.

**PAVEMENT REPLACEMENT REQUIREMENTS:**

DUE TO ASPHALT PLANTS CLOSED IN THE WINTER, TEMPORARY PAVEMENT REPLACEMENTS SHALL BE AS PER THE NYSOT PERMIT FIELD ENGINEER (AKA INSPECTOR) AND/OR RESIDENT ENGINEER. PERMITTEE MUST MONITOR AND MAINTAIN THE TEMPORARY PAVEMENT REPLACEMENT.

TEMPORARY PAVEMENT REPLACEMENTS ARE REQUIRED TO BE REPLACED IN-KIND IN THE SPRING WHEN THE WEATHER ALLOWS NYSOT STANDARD SPECIFICATIONS TO BE MET.

**EXCAVATION SPECIAL NOTES:**

1. IF EXCAVATION COMES WITHIN A ONE ON ONE PLANE TO THE EDGE OF PAVEMENT THEN "SHEETING" SHALL BE USED TO PREVENT UNDERMINING OF THE PAVEMENT.
2. ANY EXCAVATION OF FIVE (5) FOOT DEPTH OR MORE REQUIRES A SHEETING DETAIL DESIGNED, STAMPED, AND SIGNED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.
3. IF A PREFABRICATED "SHEETING BOX" IS TO BE USED, THERE ARE DESIGN PLANS FOR THESE ALSO. IF NOT STAMPED AND SIGNED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER, YOU MUST HAVE ONE REVIEW THE DESIGN, STAMP AND SIGN.
4. TRANSVERSE UTILITY CROSSINGS UNDER PAVEMENT SHALL BE A MINIMUM OF FIVE (5) FOOT BETWEEN THE TOP OF PAVEMENT AND TOP OF UTILITY.
5. LONGITUDINAL UTILITY RUNS, OUTSIDE THE PAVEMENT LIMITS MUST BE A MINIMUM OF THREE (3) FOOT TOP OF GRADE TO TOP OF UTILITY. THE PAVEMENT MUST BE 50 FEET FROM THE HIGHWAY CENTER LINE.
6. LONGITUDINAL UTILITY RUNS SHOULD BE KEPT AS CLOSE TO THE RIGHT OF WAY LINE OR AS FAR FROM THE PAVEMENT AS POSSIBLE.

**GENERAL NOTES:**

- G1. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS IMPOSED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSOT), THE WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION (WCDPWT), AND TOWN OF MOUNT PLEASANT AS APPLICABLE. UNLESS OTHERWISE NOTED, ALL ITEM NUMBERS FOR SPECIFIC WORK TASKS RELATE TO THE NYSOT STANDARD SPECIFICATIONS. A PRE CONSTRUCTION MEETING SHALL TAKE PLACE WITH THE NYSOT, THE PERMITTEE, PERMITTEE'S CONSULTANTS, AND CITY ENGINEER IF APPLICABLE PRIOR TO ANY CONSTRUCTION.
- G2. FOR WORK ON COMMERCE STREET (FROM ITS INTERSECTION WITH LIBERTY STREET AND NORTH), THE NYSOT STANDARD SHEETS, SPECIFICATIONS AND DETAILS SHALL GOVERN.
- G3. FOR WORK ON COMMERCE STREET (SOUTH OF ITS INTERSECTION WITH LIBERTY STREET), THE WCDPWT STANDARDS, SPECIFICATION AND DETAILS SHALL GOVERN.
- G4. FOR WORK ON LIBERTY STREET AND GARFIELD PLACE, THE TOWN OF MOUNT PLEASANT STANDARDS, SPECIFICATIONS AND DETAILS SHALL GOVERN.
- G5. ALL NEW LANE LINES & PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE EPOXY WITH WET NIGHT VISIBILITY SPHERES. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE NYSOT STANDARD SHEETS, SPECIFICATIONS AND DETAILS AND THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NYSOT SUPPLEMENT.
- G6. ALL EXISTING CONFLICTING PAVEMENT LINES OR SYMBOLS WHICH ARE TO BE REMOVED SHALL BE REMOVED BY APPROVED METHODS WHERE AND AS DIRECTED BY THE ENGINEER. PAINTING OVER EXISTING MARKINGS WILL NOT BE ACCEPTED. REFER TO SECTION 635 OF THE NYSOT STANDARD DETAILS AND SPECIFICATIONS.
- G7. WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH FHWA MUTCD AND THE NYSOT STANDARD DETAILS AND SPECIFICATIONS, LATEST EDITION.
- G8. LIMIT OF CONTRACT TO EXTEND WITHIN THE SITE, AS SHOWN. CONTRACTOR SHALL COORDINATE ON-SITE AND OFF-SITE CONSTRUCTION.
- G9. THE LIMITS OF CLEARING AND GRUBBING (ITEM 201.06) SHALL NOT EXTEND BEYOND THE LIMIT OF GRADING UNLESS APPROVED BY THE APPROPRIATE AUTHORITY HAVING JURISDICTION (ENGINEER). ANY DEAD BRUSH OR TREES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. NO CLEARING AND GRUBBING SHALL BE DONE BY THE CONTRACTOR UNTIL THE LIMITS OF CLEARING AND GRUBBING HAVE BEEN APPROVED. ANY AREAS DISTURBED WITHOUT THE ENGINEER'S APPROVAL SHALL BE RESTORED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. MATERIAL FROM CLEARING AND GRUBBING SHALL BE PROPERLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- G10. STEEL PLATES SHALL BE RECESSED AND PINNED IF REQUIRED FROM OCTOBER 15TH TO MARCH 30TH. RAMPING WITH "RAISE PLOW" SIGNAGE WILL NOT BE ALLOWED.
- G11. ALL DISTURBED GROUND SURFACES WHICH ARE NOT TO BE PAVED SHALL BE PROPERLY RESTORED TO THE GRADES SHOWN AND/OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PLACE FOUR (4) INCHES OF TOPSOIL (ITEM 610.1402), AND ESTABLISH TURF (ITEM 610.1601) ON ALL DISTURBED GROUND SURFACES. THE CONTRACTOR SHALL WATER (ITEM 610.19), MOW (ITEM 610.21), AND WEED (ITEM 610.13) THE TURF ESTABLISHMENT AREAS FOR THE DURATION OF THE PERMIT.
- G12. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CALL "DIG SAFELY" (1-800-962-7962) TO HAVE UNDERGROUND UTILITIES LOCATED. EXPLORATORY EXCAVATIONS SHALL COMPLY WITH CODE 53 (753) REQUIREMENTS. NO WORK SHALL COMMENCE UNTIL ALL THE OPERATORS HAVE NOTIFIED THE CONTRACTOR THAT THEIR UTILITIES HAVE BEEN LOCATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE

- PRESERVATION OF ALL PUBLIC AND PRIVATE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION, INsofar AS THEY MAY BE ENDANGERED BY HIS OPERATIONS, THIS SHALL HOLD TRUE WHETHER OR NOT THEY ARE SHOWN ON THE CONTRACT DRAWINGS. IF THEY ARE SHOWN ON THE DRAWINGS, THEIR LOCATIONS ARE NOT GUARANTEED EVEN THOUGH THE INFORMATION WAS OBTAINED FROM THE BEST AVAILABLE SOURCES, AND IN ANY EVENT, OTHER UTILITIES ON THESE PLANS MAY BE ENCOUNTERED IN THE FIELD. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, IMMEDIATELY REPAIR OR REPLACE ANY STRUCTURES OR UTILITIES THAT HE DAMAGES, AND SHALL CONSTANTLY PROCEED WITH CAUTION TO PREVENT UNDUE INTERRUPTION OF UTILITY SERVICE.
- G13. UNDER INDUSTRIAL CODE 53, CONTRACTOR SHALL NOTIFY ALL OPERATORS OF UTILITIES LOCATED IN THE AREA WHERE THE WORK IS TO BE PERFORMED PRIOR TO THE START OF THIS WORK SO THAT ALL THE VARIOUS UNDERGROUND UTILITY OPERATORS WILL BE ABLE TO LOCATE AND MARK THE LOCATIONS OF THEIR OWN UTILITIES. NO WORK SHALL COMMENCE UNTIL ALL THE OPERATORS HAVE NOTIFIED THE CONTRACTOR THAT THEIR UTILITIES HAVE BEEN LOCATED.
  - G14. CONTRACTOR SHALL HAND DIG TEST PITS TO VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL VERIFY EXISTING UTILITIES DEPTHS AND ADVISE OF ANY CONFLICTS WITH PROPOSED UTILITIES. IF CONFLICTS ARE PRESENT, THE OWNER'S FIELD REPRESENTATIVE, JMC PLANNING, ENGINEERING, LANDSCAPE ARCHITECTURE & LAND SURVEYING, PLLC (JMC) AND THE APPLICABLE MUNICIPALITY OR AGENCY SHALL BE NOTIFIED IN WRITING. THE EXISTING/PROPOSED UTILITIES RELOCATION SHALL BE DESIGNED BY JMC IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS AND THE UTILITY COMPANY HAVING JURISDICTION.
  - G15. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL LOCAL PERMITS REQUIRED.
  - G16. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS, BRACING OR OTHER DEVICES THAT MAY BE REQUIRED, OR THAT MAY BE DIRECTED BY THE ENGINEER, TO PROTECT THE SAFETY OF ADJACENT STRUCTURES, ROADWAYS OR UTILITIES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE SUM BID PRICE FOR THE VARIOUS ITEMS IN THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
  - G17. CONTRACTOR SHALL PROVIDE SAFE AND ADEQUATE ACCESS INTO OR THROUGH THE WORK SITE BY EMERGENCY VEHICLES AT ALL TIMES.
  - G18. ALL EXISTING PAVEMENT AND SHOULDER SURFACES THAT ARE TO BE RESURFACED SHALL BE CLEANED IN ACCORDANCE WITH SECTION 633 (CONDITIONING OF EXISTING PAVEMENT) OF THE NYSOT STANDARD SPECIFICATIONS.
  - G19. TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL MEASURES, ACCORDING TO NYSOT STANDARD SPEC SECTION 209, SHALL BE USED DURING THE LIFE OF THE CONTRACT.
  - G20. WHEN CONSTRUCTION ACTIVITY IS EXPECTED TO BE AT OR WITHIN 3 FEET OF THE EXISTING RIGHT-OF-WAY LIMITS, THE CONTRACTOR SHALL HAVE THE EXISTING RIGHT-OF-WAY MARKED IN THE FIELD BY A LICENSED SURVEYOR.
  - G21. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL SUBMIT A PROPOSED CONSTRUCTION SEQUENCE TO THE ENGINEER FOR APPROVAL BY THE APPROPRIATE APPROVAL AUTHORITIES.

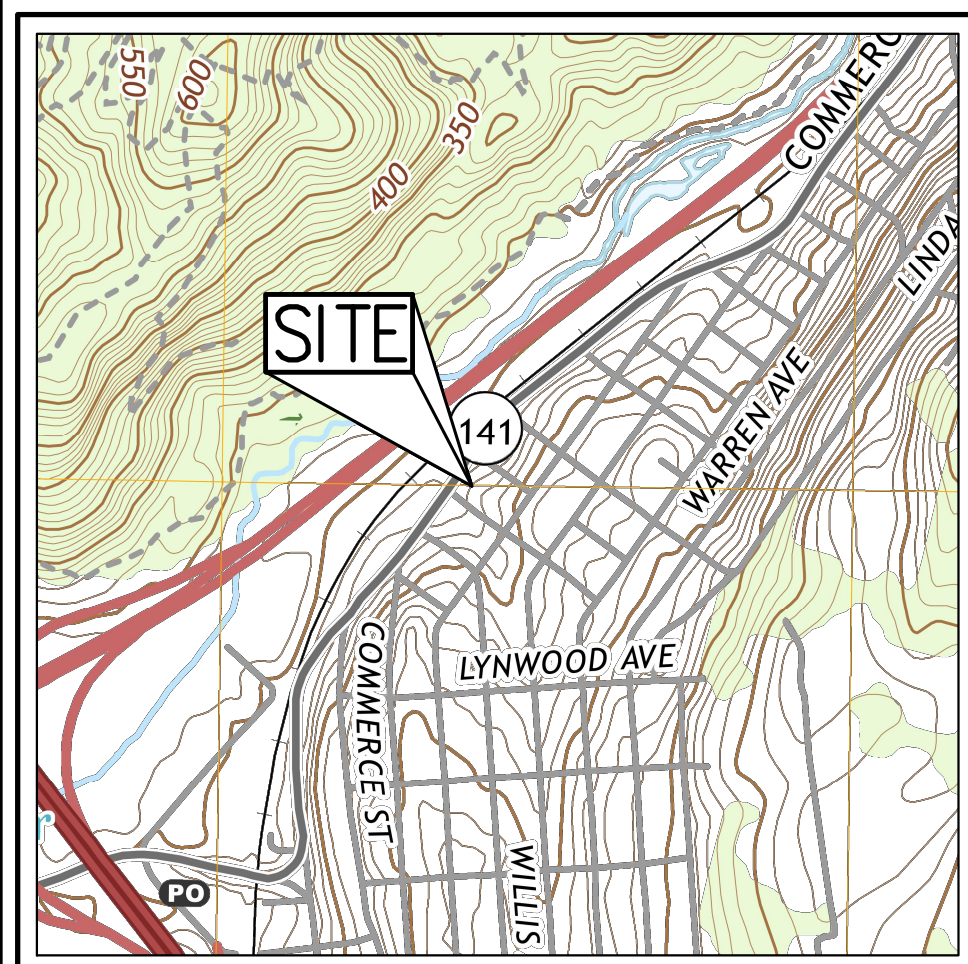
- G22. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL SAFETY CODES. APPLICABLE SAFETY CODES MEAN THE LATEST EDITION INCLUDING ANY AND ALL AMENDMENTS, REVISIONS, AND ADDITIONS THERETO, TO THE FEDERAL DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S OCCUPATIONAL SAFETY AND HEALTH STANDARDS (OSHA); AND APPLICABLE SAFETY, HEALTH REGULATIONS AND BUILDING CODES FOR CONSTRUCTION IN THE STATE OF NEW YORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUARDING AND PROTECTING ALL OPEN EXCAVATIONS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 107-05 (SAFETY AND HEALTH REQUIREMENTS) OF THE NYSOT STANDARD SPECIFICATIONS. IF THE CONTRACTOR PERFORMS ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTION SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE APPROVAL AUTHORITY HAVING JURISDICTION.
- G23. POSITIVE DRAINAGE SHALL BE PROVIDED TO ALL DRAINAGE STRUCTURES. ALL PRE-EXISTING, NEWLY INSTALLED BASINS AND PIPES SHALL BE CLEANED OUT OF ALL DEBRIS, AS REQUIRED, TO ENSURE NON-RESTRICTED FLOW PRIOR TO COMPLETION OF WORK.
- G24. CONTRACTOR SHALL NOTIFY NYSOT, WCDPWT, AND THE TOWN OF MOUNT PLEASANT, AS APPLICABLE, 72 HOURS PRIOR TO ANY STREET OR LANE CLOSURES OR ANY WORK AFFECTING TRAFFIC SIGNALS.
- G25. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL COMMERCIAL AND RESIDENTIAL PROPERTIES AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER. RAMPING CONSTRUCTION TO PROVIDE ACCESS MAY BE CONSTRUCTED WITH SUBBASE MATERIAL EXCEPT THAT TEMPORARY ASPHALT CONCRETE SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE PEDESTRIAN ACCESS AT ALL TIMES.
- G26. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING PAVEMENT TO REMAIN.
- G27. CONTRACTOR TO RESTORE PAVEMENT SURFACE AND PAVEMENT MARKINGS IN KIND AS NECESSARY FOR AREAS OF PAVEMENT REPLACEMENT.
- G28. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
- G29. WHEN BACKFILLING AROUND PROPOSED OR EXISTING STRUCTURES, COMPACTION EFFORTS SHALL CONFORM TO SECTION 203-3.13 TO 203-3.15 OF THE NYSOT STANDARD SPECIFICATIONS.
- G30. SUBMITTALS, CATALOG CUTS, SAMPLES, AND SHOP DRAWINGS MUST BE RECEIVED, REVIEWED AND APPROVED BY THE NYSOT, WCDPWT, AND THE TOWN OF MOUNT PLEASANT, AS APPLICABLE, PRIOR TO CONSTRUCTION OR FABRICATING OF MATERIAL. FAILURE TO DO SO MAY BE CAUSE FOR TIME DELAYS IN INSTALLATION OF THE CONTRACTOR. THE CONTRACTOR WILL NOT BE ENTITLED TO COMPENSATION FOR SAID TIME DELAYS, REMOVALS, OR REPLACEMENTS.
- G31. DURING CONSTRUCTION, NO NET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF NEW YORK STATE, NOR SHALL WASHINGS FROM READY-MIX TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY STORMWATER COLLECTION SYSTEM.
- G32. AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR.
- G33. COPIES OF PLANS AND ALL REQUIRED PERMITS SHALL BE KEPT ON THE WORK SITE AT ALL TIMES.
- G34. ALL WORK ZONE TRAFFIC CONTROL SIGNAGE AND CONSTRUCTION SIGNAGE MUST BE CLEAN AND REFLECTIVE.
- G35. CONSULTANT INSPECTOR CONTACT INFORMATION:  
JMC PLANNING ENGINEERING LANDSCAPE ARCHITECTURE & LAND SURVEYING, PLLC  
120 BEDFORD ROAD  
ARMONK, NY 10504  
(914) 273-5225 PHONE  
(914) 273-2102 FAX  
CONTACT NAME: BRUCE BOHLANDER

- G28. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
- G29. WHEN BACKFILLING AROUND PROPOSED OR EXISTING STRUCTURES, COMPACTION EFFORTS SHALL CONFORM TO SECTION 203-3.13 TO 203-3.15 OF THE NYSOT STANDARD SPECIFICATIONS.
- G30. SUBMITTALS, CATALOG CUTS, SAMPLES, AND SHOP DRAWINGS MUST BE RECEIVED, REVIEWED AND APPROVED BY THE NYSOT, WCDPWT, AND THE TOWN OF MOUNT PLEASANT, AS APPLICABLE, PRIOR TO CONSTRUCTION OR FABRICATING OF MATERIAL. FAILURE TO DO SO MAY BE CAUSE FOR TIME DELAYS IN INSTALLATION OF THE CONTRACTOR. THE CONTRACTOR WILL NOT BE ENTITLED TO COMPENSATION FOR SAID TIME DELAYS, REMOVALS, OR REPLACEMENTS.
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120 BEDFORD ROAD  
ARMONK, NY 10504  
(914) 273-5225 PHONE  
(914) 273-2102 FAX  
CONTACT NAME: BRUCE BOHLANDER

SUBSURFACE UTILITY LOCATIONS ARE BASED ON A COMPILATION OF FIELD EVIDENCE, AVAILABLE RECORD PLANS AND/OR UTILITY MARK-OUTS. THE LOCATION OR COMPLETENESS OF UNDERGROUND INFORMATION CANNOT BE GUARANTEED. VERIFY THE ACTUAL LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION OR CONSTRUCTION.



ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.



**ZONING / VICINITY MAP**  
SCALE: 1" = 1,000'  
SOURCE: USGS / 2019

No.	Revision	Date	By
1.	ISSUED FOR BUILDING PERMIT	03/12/2021	JJ
2.	ISSUE FOR PRICING	03/16/2021	JJ
3.	ISSUE FOR UPDATED PRICING	06/11/2021	JJ



JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC  
JMC Site Development Consultants, LLC  
John Meyer Consulting, Inc.  
120 BEDFORD ROAD • ARMONK, NY 10504  
voice 914.273.5225 • fax 914.273.2102  
www.jmcpllc.com

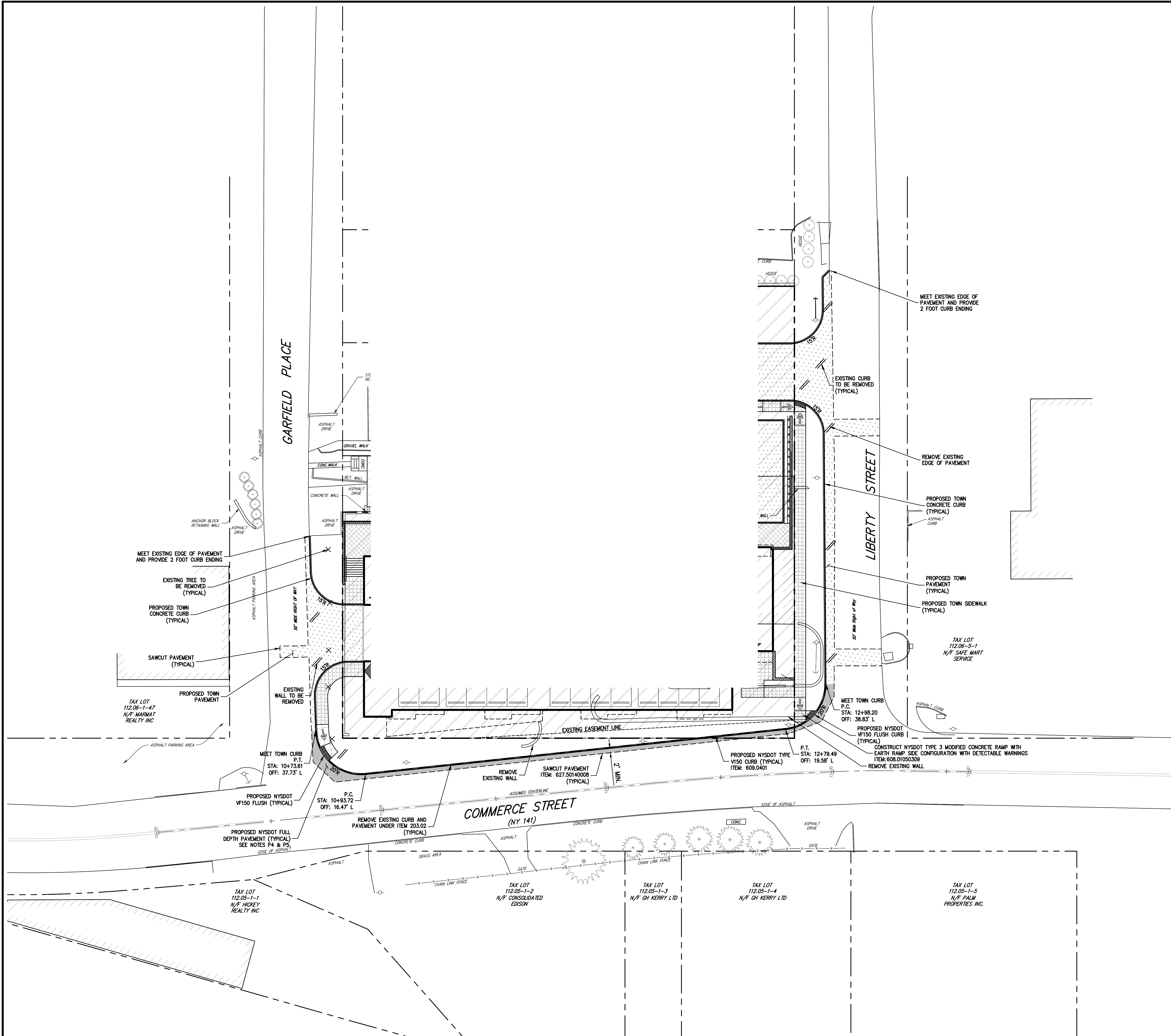
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Date: 12/15/2020  
Project No: 18158  
Drawing No: HP-1

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**LEGEND**

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING EASEMENT LINE
- EXISTING BUILDING OVERHANG
- EXISTING BUILDING LINE
- EXISTING PAVEMENT EDGE
- EXISTING CURB LINE
- EXISTING STONE WALL
- EXISTING RETAINING WALL
- EXISTING GUIDE RAIL
- EXISTING FENCE
- EXISTING TREE AND DESIGNATION
- EXISTING PAINT
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING SIGN
- PROPOSED EASEMENT LINE
- ASSUMED CENTER LINE
- PROPOSED CONCRETE CURB
- PROPOSED NYSOT CONCRETE CURB
- PROPOSED NYSOT FLUSH CURB
- PROPOSED TOWN CONCRETE SIDEWALK
- PROPOSED SITE PAVEMENT
- PROPOSED NYSOT FULL DEPTH PAVEMENT

**NOTES:**

- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHY OF PROPERTY PREPARED FOR 500 COMMERCE LLC," PREPARED BY TC MERRITS LAND SURVEYORS, DATED 11/10/2017.

**PAVING NOTES:**

- PRIOR TO STARTING ANY PAVING, THE CONTRACTOR SHALL COORDINATE A PRE-PAVING MEETING WITH THE NYSOT, PROPERTY OWNER, ENGINEER OF RECORD, PAVING CONTRACTOR AND TESTING CONTRACTOR.
- ALL PAVING SHALL BE DONE IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS AND SPECIFICATIONS.
- TACK COATS SHALL BE INSTALLED BETWEEN ALL SUPERPAVE COURSES, BETWEEN EXISTING PAVEMENT SURFACES & OVERLAYS AND BETWEEN NEW PAVEMENT & EXISTING PAVEMENT EDGES.
- PLACEMENT OF PROPOSED FULL DEPTH ASPHALT PAVEMENT IN WIDENING AREAS SHALL BE LIMITED TO WIDTHS OF 4 FEET OR GREATER AND SHALL BE COMPACTED WITH A WALK BEHIND ROLLER OR LARGER PIECE OF EQUIPMENT. HAND COMPACTION AND JUMPING JACKS SHALL NOT BE USED.
- FOR WIDENING AREAS LESS THAN 4 FEET, CONTRACTOR SHALL FILL AREA WITH CLASS C CONCRETE AND PROVIDE 1-1/2" TOP ASPHALT COURSE PAVEMENT ON TOP OF ROUGH CONCRETE SURFACE. ITEMS 402.127103, 407.0103.
- CONTRACTOR SHALL HAVE A WATER TRUCK ON SITE DURING PAVING ACTIVITIES AND SHALL WET AND COOL PAVEMENT AS NECESSARY, AS DIRECTED BY PAVEMENT TESTING TECHNICIAN.

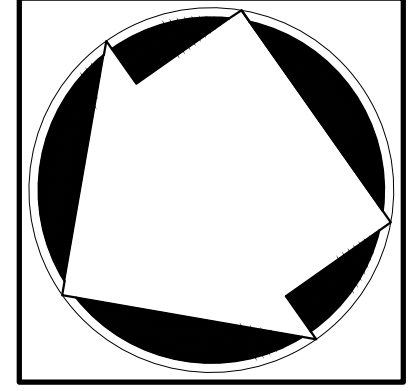
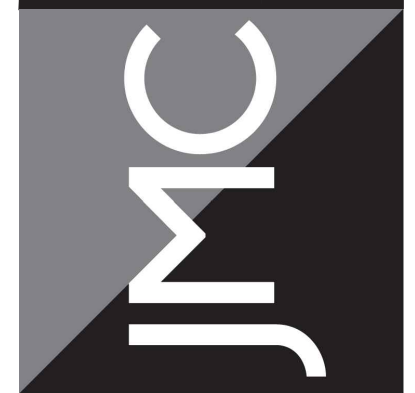
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APPLICANT/OWNER:  
**500 COMMERCE LLC**  
 3 WEST STEVENS AVENUE  
 HAWTHORNE, NY 10532

ARCHITECT:  
**DIMOVSKI ARCHITECTURE PLLC**  
 59 KENSICO ROAD  
 THORNTON, NY 10594

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**LAYOUT PLAN PHASE 1**  
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 HAWTHORNE, NY 10532

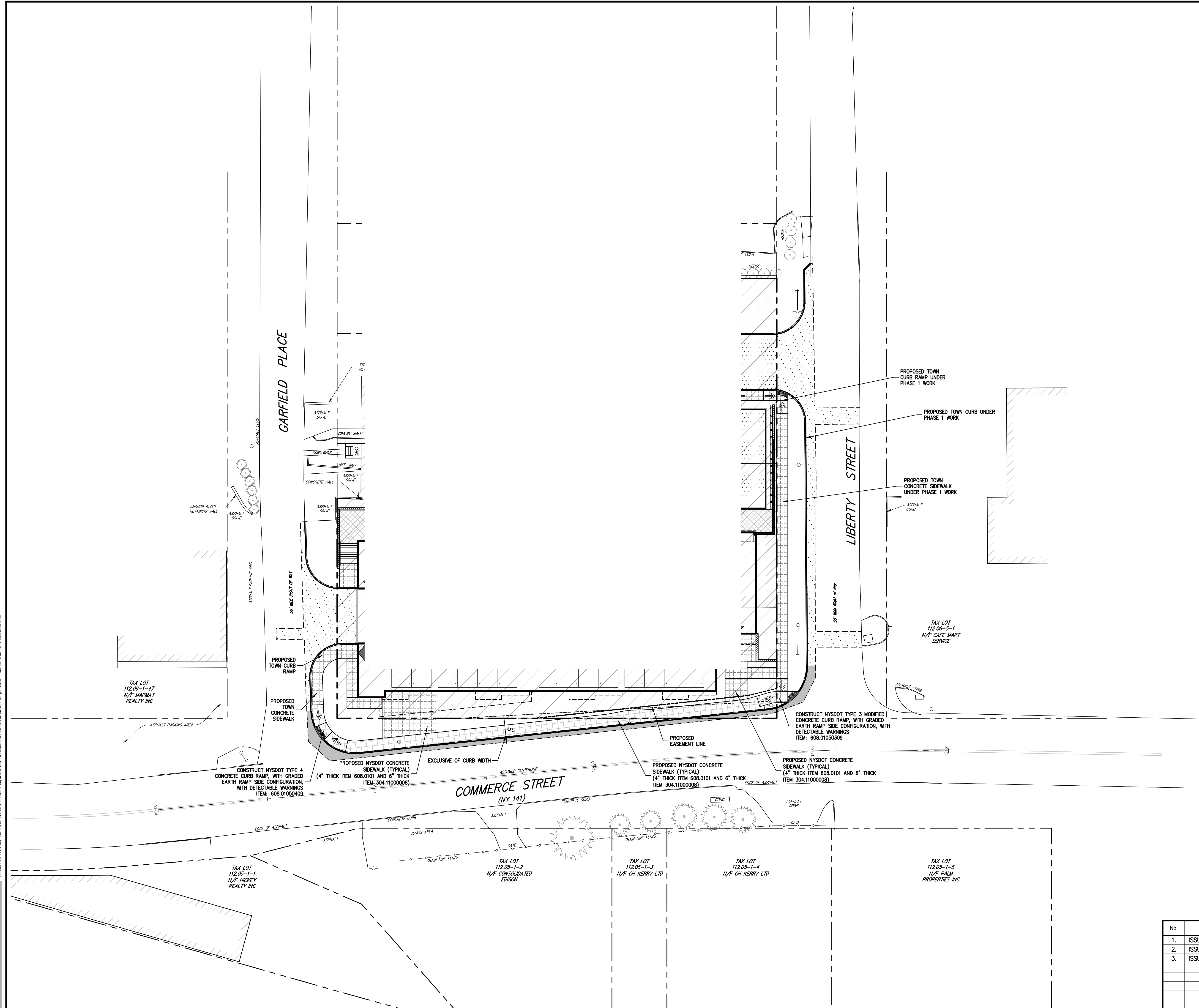
Drawn: SPG Approved: MTP  
 Scale: 1" = 20'  
 Date: 12/15/2020  
 Project No: 18158  
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 Drawing No: **HP-2**

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**PAVING NOTES:**

- PRIOR TO STARTING ANY PAVING, THE CONTRACTOR SHALL COORDINATE A PRE-PAVING MEETING WITH THE NYSOT, PROPERTY OWNER, ENGINEER OF RECORD, PAVING CONTRACTOR AND TESTING CONTRACTOR.
- ALL PAVING SHALL BE DONE IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS AND SPECIFICATIONS.
- TACK COATS SHALL BE INSTALLED BETWEEN ALL SUPERPAVE COURSES, BETWEEN EXISTING PAVEMENT SURFACES & OVERLAYS AND BETWEEN NEW PAVEMENT & EXISTING PAVEMENT EDGES.
- PLACEMENT OF PROPOSED FULL DEPTH ASPHALT PAVEMENT IN WIDENING AREAS SHALL BE LIMITED TO WIDTHS OF 4 FEET OR GREATER AND SHALL BE COMPACTED WITH A WALK BEHIND ROLLER OR LARGER PIECE OF EQUIPMENT. HAND COMPACTION AND JUMPING JACKS SHALL NOT BE USED.
- FOR WIDENING AREAS LESS THAN 4 FEET, CONTRACTOR SHALL FILL AREA WITH CLASS C CONCRETE AND PROVIDE 1-1/2" TOP ASPHALT COURSE PAVEMENT ON TOP OF ROUGH CONCRETE SURFACE. ITEMS 402.127103, 407.0103.
- CONTRACTOR SHALL HAVE A WATER TRUCK ON SITE DURING PAVING ACTIVITIES AND SHALL WET AND COOL PAVEMENT AS NECESSARY, AS DIRECTED BY PAVEMENT TESTING TECHNICIAN.

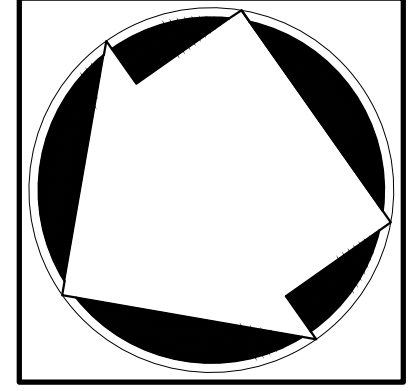
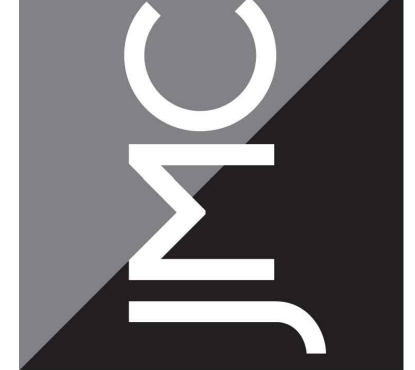
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3.	ISSUE FOR UPDATED PRICING	06/11/2021	JJ

APPLICANT/OWNER:  
**500 COMMERCE LLC**  
 3 WEST STEVENS AVENUE  
 HAWTHORNE, NY 10532

ARCHITECT:  
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LAYOUT PLAN PHASE 2  
 500 COMMERCE STREET REDEVELOPMENT  
 500 COMMERCE STREET  
 HAWTHORNE, NY 10532

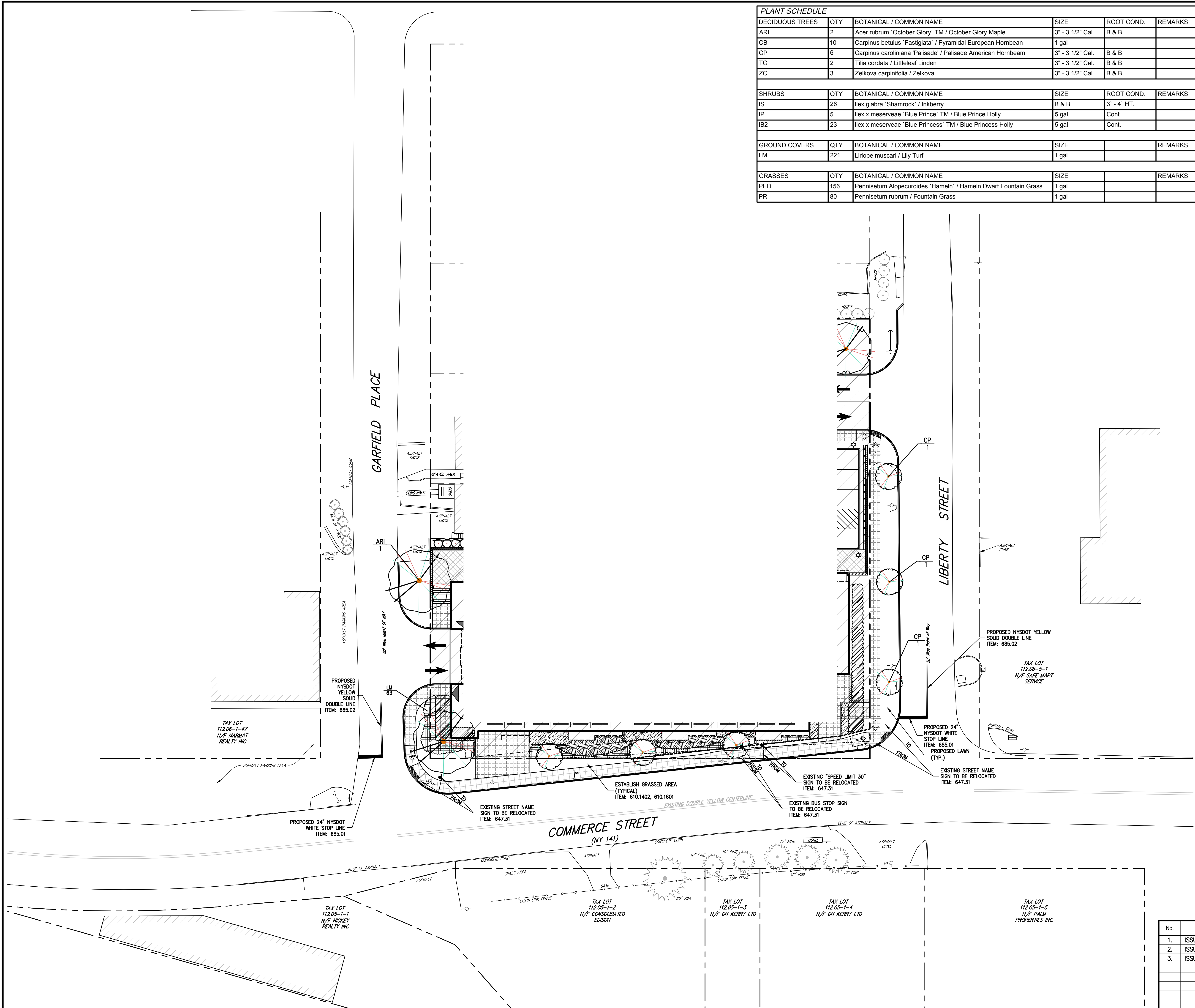
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PLANT SCHEDULE					
DECIDUOUS TREES	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT COND.	REMARKS
ARI	2	Acer rubrum 'October Glory' TM / October Glory Maple	3" - 3 1/2" Cal.	B & B	
CB	10	Carpinus betulus 'Fastigiata' / Pyramidal European Hornbeam	1 gal		
CP	6	Carpinus caroliniana 'Palisade' / Palisade American Hornbeam	3" - 3 1/2" Cal.	B & B	
TC	2	Tilia cordata / Littleleaf Linden	3" - 3 1/2" Cal.	B & B	
ZC	3	Zeikova carpinifolia / Zeikova	3" - 3 1/2" Cal.	B & B	
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT COND.	REMARKS
IS	26	Ilex glabra 'Shamrock' / Inkberry	B & B	3' - 4' HT.	
IP	5	Ilex x meserveae 'Blue Prince' TM / Blue Prince Holly	5 gal	Cont.	
IB2	23	Ilex x meserveae 'Blue Princess' TM / Blue Princess Holly	5 gal	Cont.	
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	SIZE		REMARKS
LM	221	Liriope muscari / Lily Turf	1 gal		
GRASSES	QTY	BOTANICAL / COMMON NAME	SIZE		REMARKS
PED	156	Pennisetum Alopecuroides 'Hameln' / Hameln Dwarf Fountain Grass	1 gal		
PR	80	Pennisetum rubrum / Fountain Grass	1 gal		

**LEGEND**

- EXISTING PROPERTY LINE
- EXISTING BUILDING LINE
- EXISTING PAVEMENT EDGE
- EXISTING CURB LINE
- EXISTING FENCE
- EXISTING TREE AND DESIGNATION
- EXISTING PAINT
- EXISTING UTILITY POLE
- EXISTING SIGN
- PROPOSED NYS DOT GRANITE CURB
- PROPOSED FLUSH CURB
- PROPOSED SITE CONCRETE CURB
- PROPOSED CONCRETE SIDEWALK
- PROPOSED STOP BAR
- PROPOSED 2-4" WIDE YELLOW LINES 8' O.C.
- TRAFFIC SIGN LOCATION & DESIGNATION
- PROPOSED DECIDUOUS TREE
- PROPOSED FLOWERING TREE
- PROPOSED SHRUBS/PERENNIALS
- PROPOSED SHRUB AREA

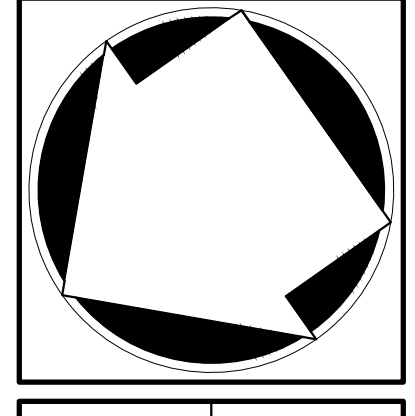
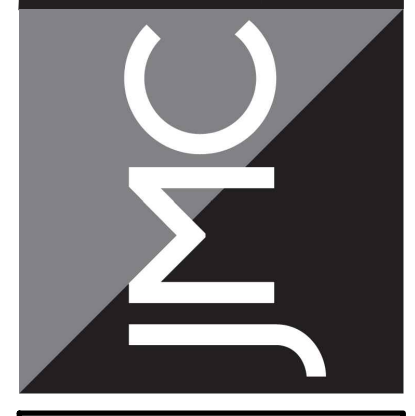
**NOTES:**

- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHY OF PROPERTY PREPARED FOR 500 COMMERCE LLC," PREPARED BY TC MERRITS LAND SURVEYORS, REVISED 02/22/2016.

APPLICANT/OWNER:  
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**SIGNING, STIPING & LANDSCAPING PLAN**  
**500 COMMERCE STREET REDEVELOPMENT**  
 500 COMMERCE STREET  
 HAWTHORNE, NY 10532

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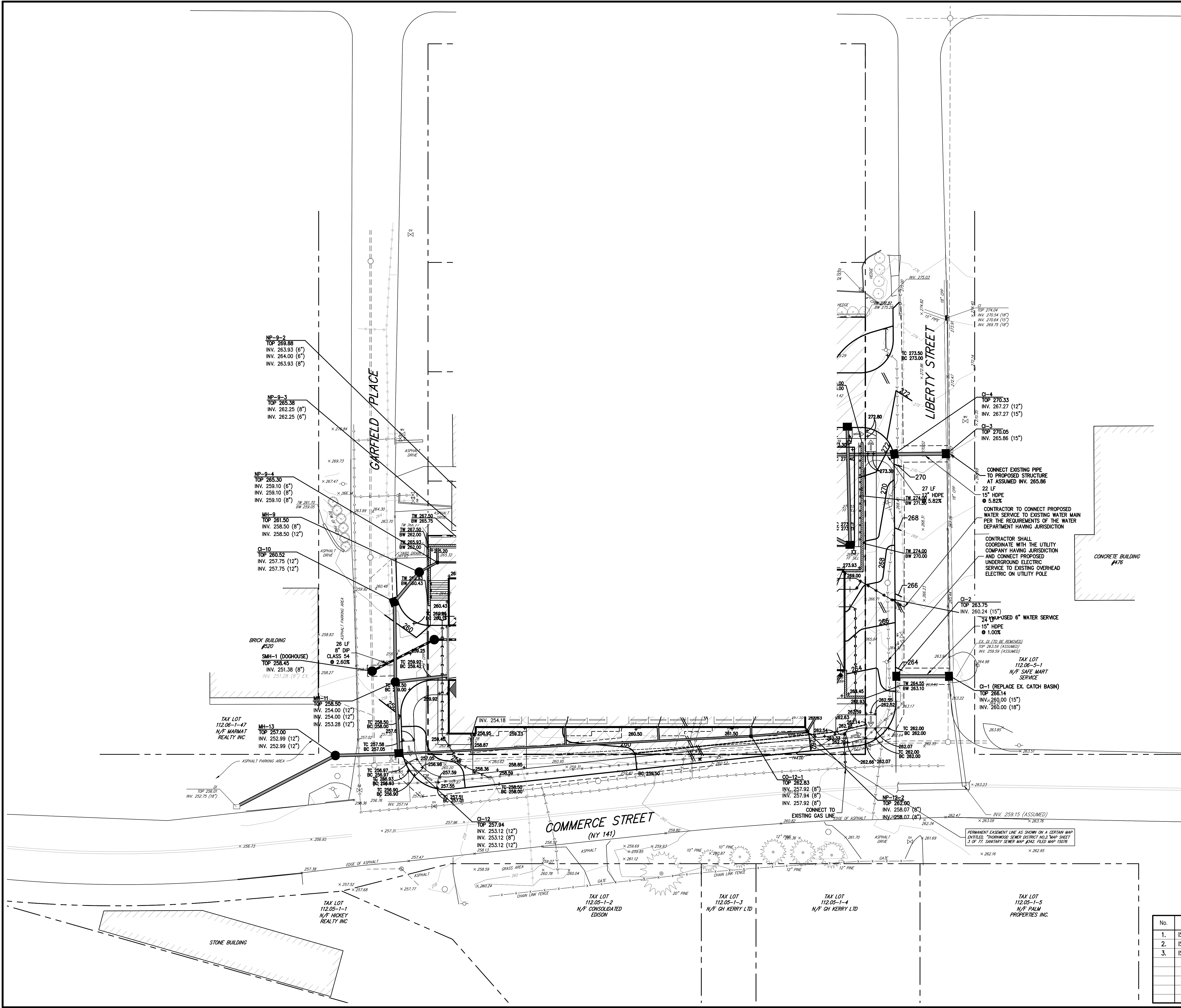
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**LEGEND**

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING BUILDING OVERHANG
- EXISTING BUILDING LINE
- EXISTING PAVEMENT EDGE
- EXISTING CURB LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- EXISTING SPOT GRADE
- EXISTING FENCE
- EXISTING DRAIN INLET
- EXISTING MANHOLE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING SIGN
- PROPOSED BUILDING LINE
- PROPOSED CONCRETE CURB
- PROPOSED CONCRETE SIDEWALK
- PROPOSED DROP CURB AND RAMP
- PROPOSED FINISHED GRADE
- PROPOSED SPOT GRADE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED TYPE CI DRAIN INLET
- EXISTING FEATURE TO BE REMOVED

- NOTES:**
- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHY OF PROPERTY PREPARED FOR 500 COMMERCE LLC," PREPARED BY TC MERRIS LAND SURVEYORS, DATED 11/10/2017.
  - ALL STORMWATER MANAGEMENT PRACTICES SHALL REMAIN UNDISTURBED AND BE PROTECTED FROM HEAVY MACHINERY TRAFFIC DURING CONSTRUCTION. HOWEVER DURING CONSTRUCTION OF THE PRACTICE THE CONTRACTOR SHALL MINIMIZE AND AVOID HEAVY MACHINERY TRAFFIC TO THE MAXIMUM EXTENT PRACTICABLE. THERE SHALL BE NO STORAGE OF MATERIALS WITHIN AREAS TO BE USED FOR STORMWATER MANAGEMENT PRACTICES. THE CONTRACTOR SHALL INSTALL CONSTRUCTION FENCE AROUND THE PRACTICE TO DISCOURAGE VEHICLE TRAFFIC.
  - ALL FILLS SHALL BE COMPACTED TO PROVIDE STABILITY OF MATERIAL AND TO PREVENT SETTLEMENT.
  - EXCAVATIONS AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTIES, NOR DIVERT WATER ONTO THE PROPERTY OF OTHERS AT ANY TIME DURING THE COURSE OF CONSTRUCTION.
  - CONTRACTOR SHALL REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR FURTHER DIRECTION REGARDING SITE STABILIZATION THROUGHOUT THE COURSE OF CONSTRUCTION.

**GRADING AND UTILITY NOTES:**

- UNLESS OTHERWISE DIRECTED, CONTRACTOR, AT HIS OWN EXPENSE, WILL PROVIDE A GEOTECHNICAL ENGINEER AS REQUIRED BY THE OWNERS REPRESENTATIVE TO EVALUATE SOIL CONDITIONS RELATED TO TRENCHING, PAVING, SUBBASE AND OTHER CONDITIONS AS REQUIRED.
- DURING CONSTRUCTION, PRIOR TO CONTRACTOR PERFORMING ROCK REMOVAL, GEOTECHNICAL ENGINEER SHALL PERFORM SITE INVESTIGATION AND SHALL PROVIDE ROCKOUT/ROCK REMOVAL RECOMMENDATIONS AND PROJECT SPECIFICATIONS TO CONTRACTOR FOR IMPLEMENTATION.
- CONTRACTOR SHALL ADJUST ALL EXISTING STRUCTURES WITHIN THE WORK AREA TO THE PROPOSED GRADE SHOWN ON THE DRAWINGS AS REQUIRED.

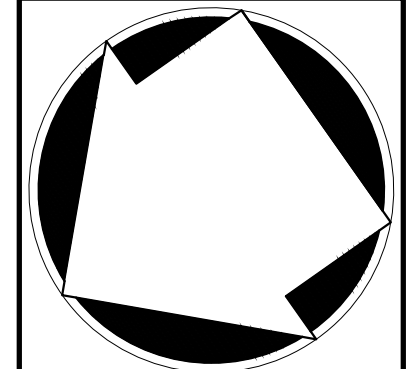
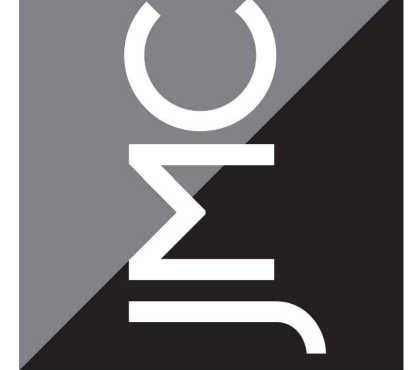
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**GRADING & UTILITIES PLAN**  
**500 COMMERCE STREET REDEVELOPMENT**  
 500 COMMERCE STREET  
 HAWTHORNE, NY 10532

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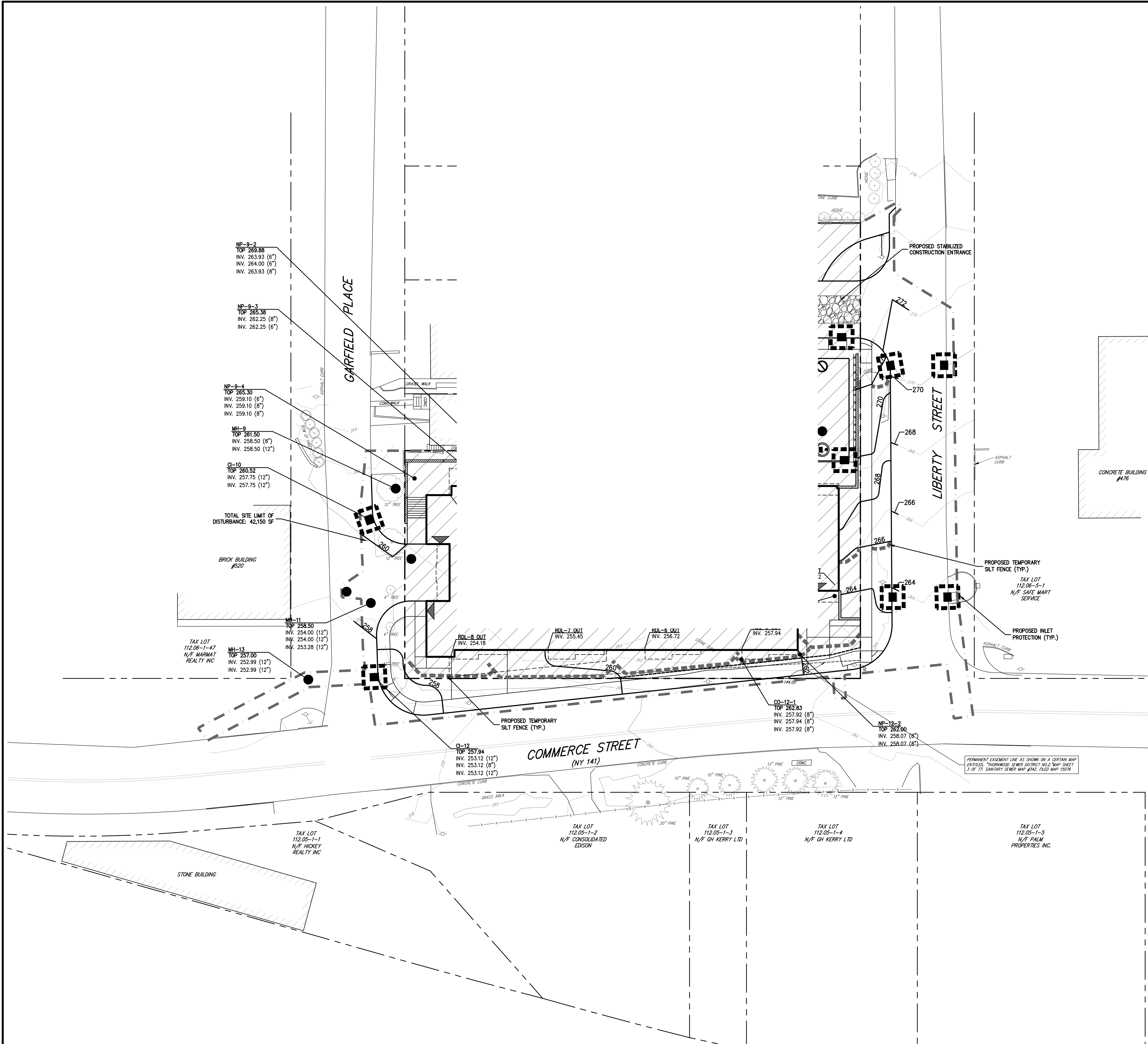
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LEGEND	
	PROPOSED INLET PROTECTION
	PROPOSED SILT FENCE
	EXISTING FEATURE TO BE REMOVED

- NOTES:**
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  - THIS PLAN IS FOR TEMPORARY EROSION AND SEDIMENT CONTROL INFORMATION ONLY.
  - PRIOR TO BEGINNING ANY CLEARING, GRUBBING OR EXCAVATION, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE PLANS AND SPECIFICATIONS. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED. FINAL STABILIZATION OF LANDSCAPED AREAS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE PLAN.
  - THE CONTRACTOR SHALL INSPECT AND MAINTAIN ON-SITE EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS. ALL COLLECTED SEDIMENT WITHIN SEDIMENT BARRIERS SHALL BE REMOVED PERIODICALLY AS REQUIRED TO MAINTAIN THE FUNCTION OF THE SEDIMENT BARRIERS. ALL SEDIMENT COLLECTED SHALL BE RESPAWN ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE OWNERS REPRESENTATIVE.
  - THE CONTRACTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A WEEKLY BASIS, AFTER EACH RAINSTORM, AND AS MAY BE REQUIRED OR DIRECTED BY ALL APPLICABLE APPROVALS AND PERMITS. THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A WRITTEN REPORT ON FINDINGS OF SEDIMENT IN DOWNSTREAM AREAS TO ALL AUTHORITIES HAVING JURISDICTION AND MAKE REPAIRS AS REQUIRED OR DIRECTED.
  - ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED/WARRANTED BY FIELD CONDITIONS AND AS DIRECTED BY THE OWNERS REPRESENTATIVE, JMC, AND/OR ANY AUTHORITY HAVING JURISDICTION.
  - STOCKPILES OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN THE AREA DESIGNATED ON THIS PLAN OR AS APPROVED BY THE OWNERS REPRESENTATIVE. STOCKPILED EXCAVATED MATERIAL SHALL HAVE TWO ROWS OF SILT FENCE LOCATED AROUND ITS PERIMETER. ALL STOCKPILED MATERIAL SHALL BE MAINTAINED IN AN ORDERLY MANNER SO AS NOT TO IMPEDE ON PEDESTRIAN AND/OR VEHICULAR TRAFFIC CIRCULATION ROUTES.
  - DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNERS REPRESENTATIVE.
  - ALL STORMWATER MANAGEMENT PRACTICES SHALL REMAIN UNDISTURBED AND BE PROTECTED FROM HEAVY MACHINERY TRAFFIC DURING CONSTRUCTION. HOWEVER DURING CONSTRUCTION OF THE PRACTICE THE CONTRACTOR SHALL MINIMIZE AND AVOID HEAVY MACHINERY TRAFFIC TO THE MAXIMUM EXTENT PRACTICABLE. THERE SHALL BE NO STORAGE OF MATERIALS WITHIN AREAS TO BE USED FOR STORMWATER MANAGEMENT PRACTICES. THE CONTRACTOR SHALL INSTALL CONSTRUCTION FENCE AROUND THE PRACTICE TO DISCOURAGE VEHICLE TRAFFIC.

**EROSION AND SEDIMENT CONTROL NOTES:**

- ES01. ALL PROPOSED INLET PROTECTION AND SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL," DATED AUGUST 2005.
- ES02. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED PRIOR TO BEGINNING ANY CLEARING, GRUBBING OR EXCAVATION.
- ES03. NYSDOT REINFORCED SILT FENCE, ITEM 209.13, TO BE USED IN CONJUNCTION WITH CHECK DAMS (NOT SHOWN) AND TO BE INSTALLED AND MAINTAINED AROUND ALL DISTURBED AREAS, AS DIRECTED BY ENGINEER.
- ES04. DISTURBED AREAS IDLE FOR MORE THEN 48 HOURS SHALL BE STABILIZED.
- ES05. DURING CONSTRUCTION, ALL EXPOSED AREAS OF SOIL THAT WILL NOT RECEIVE PERMANENT SURFACE TREATMENT IMMEDIATELY (WITHIN SEVEN DAYS) AND ALL PILES OF DIRT SHALL BE TEMPORARILY SEEDDED BY THE CONTRACTOR WITH A MIXTURE OF PERENNIAL RYE GRASS, ANNUAL RYE GRASS, AND WINTER RYE GRASS SEED MIX FOR SEDIMENT AND EROSION CONTROL. AREAS SHALL BE MULCHED WITH STRAW AT A RATE OF 2 TONS PER ACRE (90 LBS. PER 1,000 S.F.) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.
- ES06. ALL STOCKPILES OF DIRT SHALL BE RIMMED WITH SILT FENCE BY THE CONTRACTOR IN ADDITION TO BEING TEMPORARILY SEEDDED.
- ES07. SILT FENCE SHALL REMAIN IN PLACE UNTIL PILE HAS BEEN REMOVED AND SOIL HAS BEEN PERMANENTLY STABILIZED. FOR THOSE AREAS OF EXPOSED SOIL WHERE IT IS NOT FEASIBLE TO ESTABLISH TEMPORARY GROUND COVER DUE TO CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL MOISTEN WITH WATER THOSE AREAS AT LEAST TWICE A DAY IN ORDER TO CONTROL DUST. CONTRACTOR SHALL INCREASE THE MOISTENING OF SUCH AREAS TO FOUR TIMES A DAY DURING PERIODS OF LITTLE RAIN AS DETERMINED BY THE OWNER'S FIELD REPRESENTATIVE, THE APPROVAL AUTHORITY AND/OR THE CONTRACTOR.
- ES08. EXISTING AND PROPOSED CATCH BASINS SHALL BE PROTECTED WITH SILT SACK INLET PROTECTION. INLET PROTECTION SHALL BE INSTALLED BY THE CONTRACTOR AND SHALL BE MAINTAINED DURING CONSTRUCTION. INLET PROTECTION SHALL BE REMOVED ONLY AFTER ALL CONSTRUCTION HAS BEEN COMPLETED AND ALL SOURCES OF EROSION HAVE BEEN PERMANENTLY STABILIZED.
- ES09. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR IMMEDIATELY AFTER EACH RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR IMMEDIATELY AT NO ADDITIONAL COST.
- ES10. SEDIMENT DEPOSITS SHALL BE REMOVED BY THE CONTRACTOR WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. SEDIMENTS SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION.
- ES11. CONTRACTOR SHALL COORDINATE CONSTRUCTION SO AS TO PERFORM DRAINAGE WORK DURING DRY PERIODS AND TO MAINTAIN EXISTING FLOWS AT ALL TIMES DURING THE REMOVAL & REPLACEMENT OF PIPES AND STRUCTURES. UPON COMPLETION OF WORK, CONTRACTOR SHALL CLEAN ALL DOWNSTREAM PIPES AND STRUCTURES AS DIRECTED BY APPROVAL AUTHORITIES (AT NO ADDITIONAL COST) TO REMOVE SEDIMENT ASSOCIATED WITH THE CONSTRUCTION.

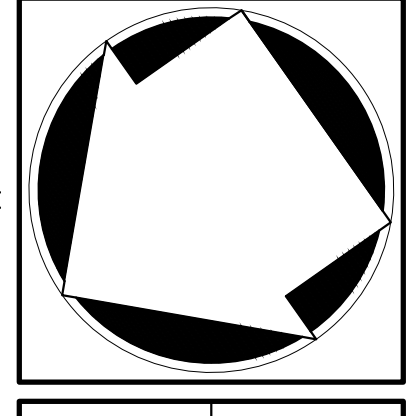
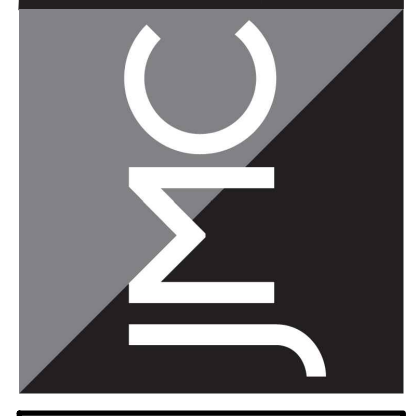
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**EROSION AND SEDIMENT CONTROL PLAN**  
**500 COMMERCE STREET REDEVELOPMENT**  
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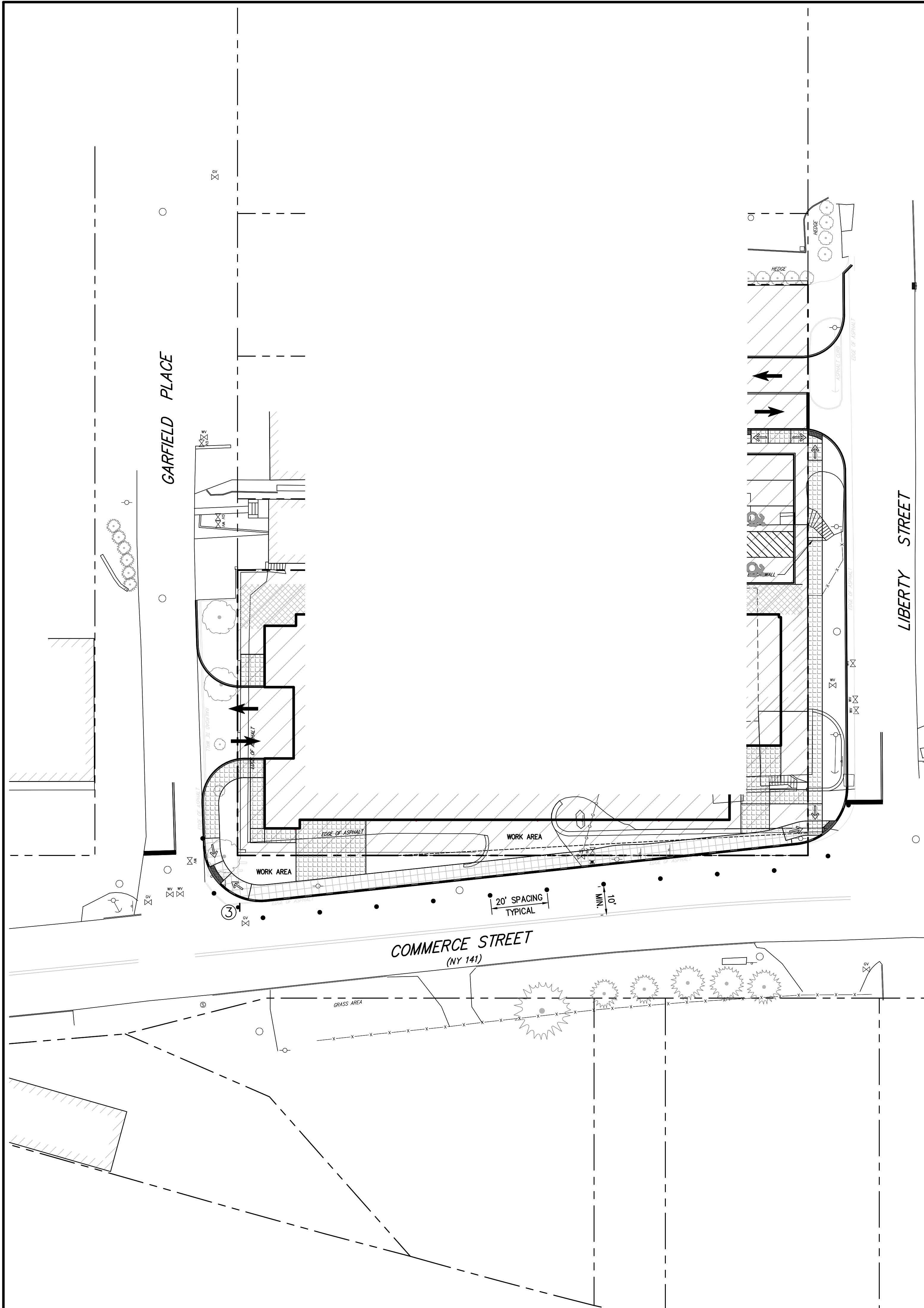
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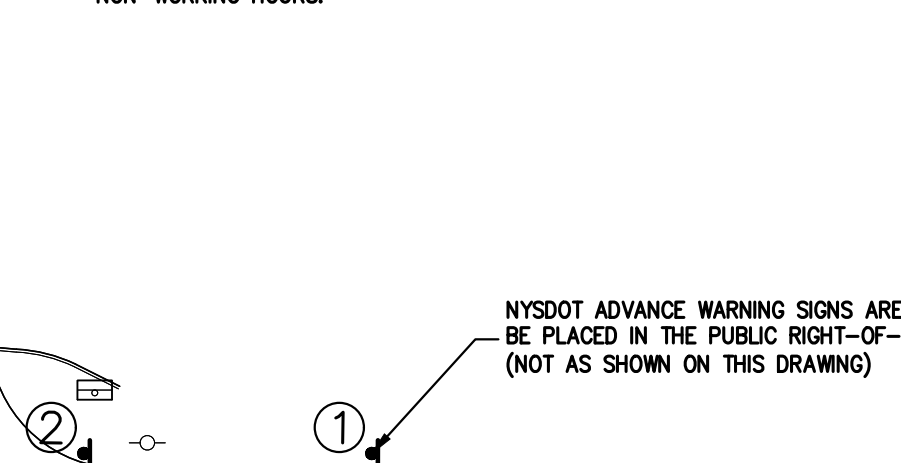
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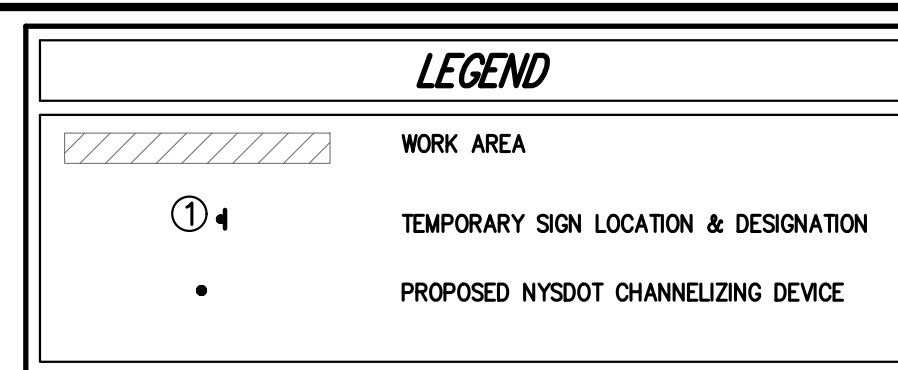
**WORK ZONE TRAFFIC CONTROL NOTES:**

- W21. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS, SPECIFICATIONS, AND CONDITIONS IMPOSED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION.
- W22. WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, THE NEW YORK STATE SUPPLEMENT, SECTION 619 OF THE N.Y.S.D.O.T. STANDARD SPECIFICATIONS, AND ANY PROVISIONS CONTAINED IN THE PLANS. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD REFLECT THE MINIMUM REQUIREMENTS.
- W23. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
- W24. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.
- W25. THE CONTRACTOR'S OPERATIONS SHALL KEEP INTERFERENCE ON ALL ROADWAYS TO AN ABSOLUTE MINIMUM. TRAFFIC STOPPAGES WILL NOT BE PERMITTED UNLESS APPROVED IN ADVANCE BY THE N.Y.S.D.O.T.. NO LANE CLOSURE SHALL BE ALLOWED BETWEEN 5:30-9:30 AM AND 3:00-7:00 PM.
- W26. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500 FOOT LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- W27. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- W28. DIAMOND SHAPED ADVANCED WARNING SIGNS SHALL BE USED FOR ALL ADVANCE WARNING SIGNS THAT MAY BE EITHER DIAMOND OR RECTANGULAR SHAPED ACCORDING TO THE FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE NEW YORK STATE SUPPLEMENT. THE BOTTOM OF THE SIGN SHALL BE 7 FEET MINIMUM ABOVE THE GROUND AND 2 FEET MINIMUM FROM FACE OF CURB OR EDGE OF TRAVELED WAY. THE SITE ENGINEER AND/OR NYSOT MAY ORDER ADDITIONAL OR MODIFIED DEVICES AND/OR METHODS TO MEET FIELD CONDITIONS.
- W29. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
- W210. ANY EXISTING SIGNS (NOT SHOWN), INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
- W211. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
- W212. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
- W213. NY99-12 MAY BE USED IN PLACE OF NY99-11.
- W214. ALL WORK ZONE TRAFFIC CONTROL SIGNAGE AND CONSTRUCTION SIGNAGE SHALL BE CLEAN AND REFLECTIVE.
- W215. THE CERTIFIED FLAGGER SHALL USE STOP-SLOW PADDLES (MINIMUM 24 INCHES IN SIZE) WHERE FEASIBLE. FLAGS MAY BE USED AT INTERSECTIONS OR WHERE THE BACK SIDE MESSAGE IS INAPPROPRIATE FOR OPPOSING TRAFFIC OR WHERE CONDITIONS SUCH AS HIGH WIND MAKE THE USE OF A PADDLE IMPRACTICAL.
- W216. N.Y.S.D.O.T. DRUMS, IF USED FOR TRAFFIC WARNING, SHALL BE A MINIMUM OF 36 INCHES IN HEIGHT, AND HAVE AT LEAST AN 18 INCH MINIMUM WIDTH. EACH DRUM SHALL HAVE A MINIMUM OF TWO ORANGE AND TWO WHITE STRIPES. THESE WARNINGS OR DRUMS SHALL BE HORIZONTAL, CIRCUMFERENTIAL, ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES 4 TO 6 INCHES WIDE.
- W217. CONTRACTOR SHALL PROVIDE CERTIFIED FLAG PERSONS WITH STOP/SLOW STAFF MOUNTED PADDLE BOARD SIGNS WHEN TRUCKS ENTER AND LEAVE THE SITE.
- W218. CONSTRUCTION EQUIPMENT SHALL BE REMOVED FROM THE ROADSIDE AREA DURING NON-WORKING HOURS.



- W219. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
- W220. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.
- W221. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2 FOOT LATERAL CLEARANCE TO THE TRAVELED WAY.
- W222. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE 10 FEET.
- W223. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.
- W224. BEWARE OF OVERHEAD WIRES.
- W225. PRIVATE VEHICLES OWNED BY THE CONTRACTOR OR HIS/HER WORKMEN SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS, OR ANY OTHER AREAS DEEMED BY THE SITE ENGINEER AND/OR NYSOT TO BE HAZARDOUS LOCATIONS.
- W226. NO MATERIAL SHALL BE PLACED ON THE SHOULDER, OR WITHIN 30 FEET FROM THE EDGE OF PAVEMENT, EXCEPT THAT WHICH IS TO BE PLACED THAT DAY.
- W227. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY FOR MULTIPLE ACCESS PROPERTIES. AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
- W228. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.
- W229. WORK ZONE TRAFFIC CONTROL IS THE RESPONSIBILITY OF THE PERMITEE. ANY SUBCONTRACTORS WORKING FOR THE PERMITEE MUST HAVE A COPY OF THE HIGHWAY WORK PERMIT ON THE SITE, AND MUST BE FAMILIAR WITH THE TRAFFIC CONTROL REQUIREMENTS. IT IS STRONGLY ADVISED THAT A "TALENT" SAFETY MEETING WITH EACH WORK CREW BE INITIATED BEFORE THE START OF WORK.
- W230. TRAFFIC CONTROL SCHEMES MUST BE IN PLACE, AND MAINTAINED, THROUGHOUT THE DURATION OF WORK.
- W231. ANYONE WORKING WITHIN THE HIGHWAY RIGHT-OF-WAY SHALL WEAR HIGH-VISIBILITY APPAREL MEETING THE ANSI 107-2004 CLASS II STANDARDS AND A HARD HAT.
- W232. AT THE START OF WORK ON THE PROJECT, ALL WORK ZONE TRAFFIC CONTROL SIGNS SHALL APPEAR IN "ACCEPTABLE" CONDITION. THESE DEVICES SHALL NOT BE ALLOWED TO FALL BELOW THE "MARGINAL" CONDITION AT ANY TIME DURING THE LIFE OF THE PROJECT. FADED AND DETERIORATED PANELS AND NON-STANDARD LEGENDS ARE NOT ACCEPTABLE.
- W233. FLAGGER SIGNS ARE TO BE USED ONLY WHEN A FLAGGER IS ACTUALLY PRESENT AND VISIBLE TO THE MOTORIST. THEY SHALL BE COVERED OR REMOVED AT ALL OTHER TIMES. STOP/SLOW PADDLES (MINIMUM 24 INCHES IN SIZE) ARE REQUIRED.
- W234. NO LOW-MOUNTED SIGNS SHALL BE PERMITTED, EXCEPT FOR FLEXIBLE PANELS MEETING THE CURRENT SPECIFICATION REQUIREMENTS.
- W235. BARRIER VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
- W236. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
- W237. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE. TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.
- W238. THE STATE RESERVES THE RIGHT TO ALLOW WORK WITHIN THE CONTRACT LIMITS BY OTHERS ALONG KEY CORRIDORS. IN ORDER TO MINIMIZE INCONVENIENCE TO THE TRAVELING PUBLIC, ANY LANE CLOSURES REQUIRED WITHIN THE CONTRACT LIMITS MUST BE APPROVED BY THE SURFACE TRANSPORTATION CONTROLLER (STC). KEY CORRIDORS ARE DEFINED AS I-84, TACONIC STATE PARKWAY (TSP), PALISADES INTERSTATE PARKWAY (PIP), SPRAIN BROOK PARKWAY (SBP), SAW MILL RIVER PARKWAY (SMP), HUTCHINSON RIVER PARKWAY (HRP), CROSS COUNTY PARKWAY (CCP), NYS ROUTE 17 (FUTURE I-86), I-84 (INCLUDING THE NEWBURGH-BEACON BRIDGE), I-87 (INCLUDING THE TAPPAN ZEE BRIDGE), I-287, I-95 AND I80.

THE CONTRACTORS' ATTENTION IS DIRECTED TO THE FACT THEY ARE RESPONSIBLE TO FORWARD REQUESTS THROUGH THE EIC TO THE STC FOR LANE CLOSURE APPROVALS. THESE REQUESTS MUST BE SUBMITTED TO THE STC AT THE EMAIL ADDRESS: STC-ROB@DOT.STATE.NY.US; A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF SCHEDULED CLOSURES. THE STC SHALL RESPOND WITHIN FOUR BUSINESS DAYS OF RECEIPT OF REQUEST. ATTENTION IS ALSO DIRECTED TO THE FACT THAT, DUE TO POSSIBLE TRAFFIC CONTROL CONFLICTS, APPROVAL MAY OR MAY NOT BE GRANTED FOR THE DATE(S) REQUESTED. ANY ADDITIONAL COSTS, DELAYS OR REMOVALS ASSOCIATED WITH THE APPROVAL PROCESS SHALL BE INCLUDED IN THE BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.



**NOTES:**

- 1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHY OF PROPERTY PREPARED FOR 500 COMMERCE LLC," PREPARED BY TC MERRITS LAND SURVEYORS, DATED 11/10/2017.
  - W239. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THE FOLLOWING HOLIDAY WORK RESTRICTIONS ARE APPLICABLE TO THIS PROJECT. DURING THESE HOLIDAY PERIODS, THE CONTRACTOR WILL NOT BE ALLOWED TO PERFORM ANY WORK THAT WILL BE DISRUPTIVE TO TRAFFIC, INCLUDING BUT NOT LIMITED TO LANE CLOSURES. LANE CLOSURES WILL NOT BE PERMITTED DURING THE FOLLOWING STATE RECOGNIZED HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, CHRISTMAS DAY.
- IF THE HOLIDAY IS ON A MONDAY, NO LANE CLOSURES WILL BE PERMITTED FROM 12 NOON FRIDAY TO 10 A.M. TUESDAY. IF THE HOLIDAY IS ON A TUESDAY, NO LANE CLOSURES WILL BE PERMITTED FROM 12 NOON FRIDAY TO 10 A.M. WEDNESDAY. IF THE HOLIDAY IS ON A WEDNESDAY, NO LANE CLOSURES WILL BE PERMITTED FROM 12 NOON TUESDAY TO 10 A.M. THURSDAY. IF THE HOLIDAY IS ON A THURSDAY OR FRIDAY, NO LANE CLOSURES WILL BE PERMITTED FROM 12 NOON THE DAY BEFORE THE HOLIDAY TO 10 A.M. MONDAY. IF THE HOLIDAY IS ON A WEEKEND DAY, NO LANE CLOSURES WILL BE PERMITTED FROM 12 NOON FRIDAY TO 10 A.M. MONDAY.

**SIGN TABLE**

DESIGNATION NUMBER	SIGN	SIZE	DESCRIPTION	MOUNTING TYPE	MOUNTING HEIGHT	REGULATORY REFLECTORIZED
1		36"x36"	BLACK ON ORANGE	WINDMASTER	7'-0"	W20-1 X
2		36"x36"	BLACK ON ORANGE	WINDMASTER	7'-0"	W20-5 X
3		36"x18"	BLACK ON ORANGE	WINDMASTER	7'-0"	G20-2 X

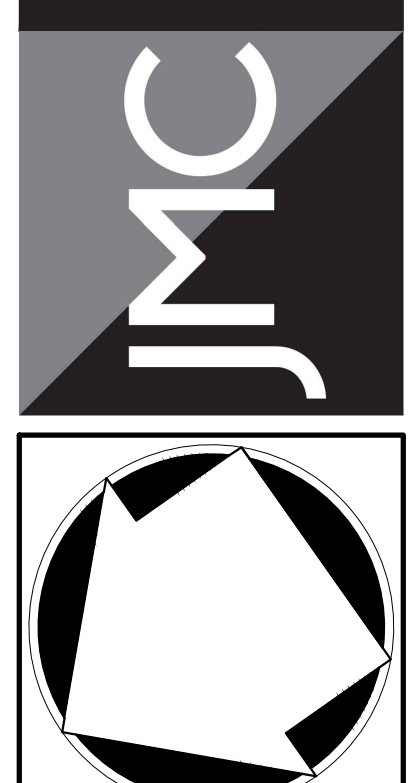
ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

No.	Revision	Date	By
1.	ISSUED FOR BUILDING PERMIT	03/12/2021	JJ
2.	ISSUE FOR PRICING	03/16/2021	JJ
3.	ISSUE FOR UPDATED PRICING	06/11/2021	JJ

APPLICANT/OWNER:  
**500 COMMERCE LLC**  
 3 WEST STEVENS AVENUE  
 HAWTHORNE, NY 10532

ARCHITECT:  
**DIMOVSKI ARCHITECTURE PLLC**  
 59 KENSICO ROAD  
 THORNTON, NY 10594

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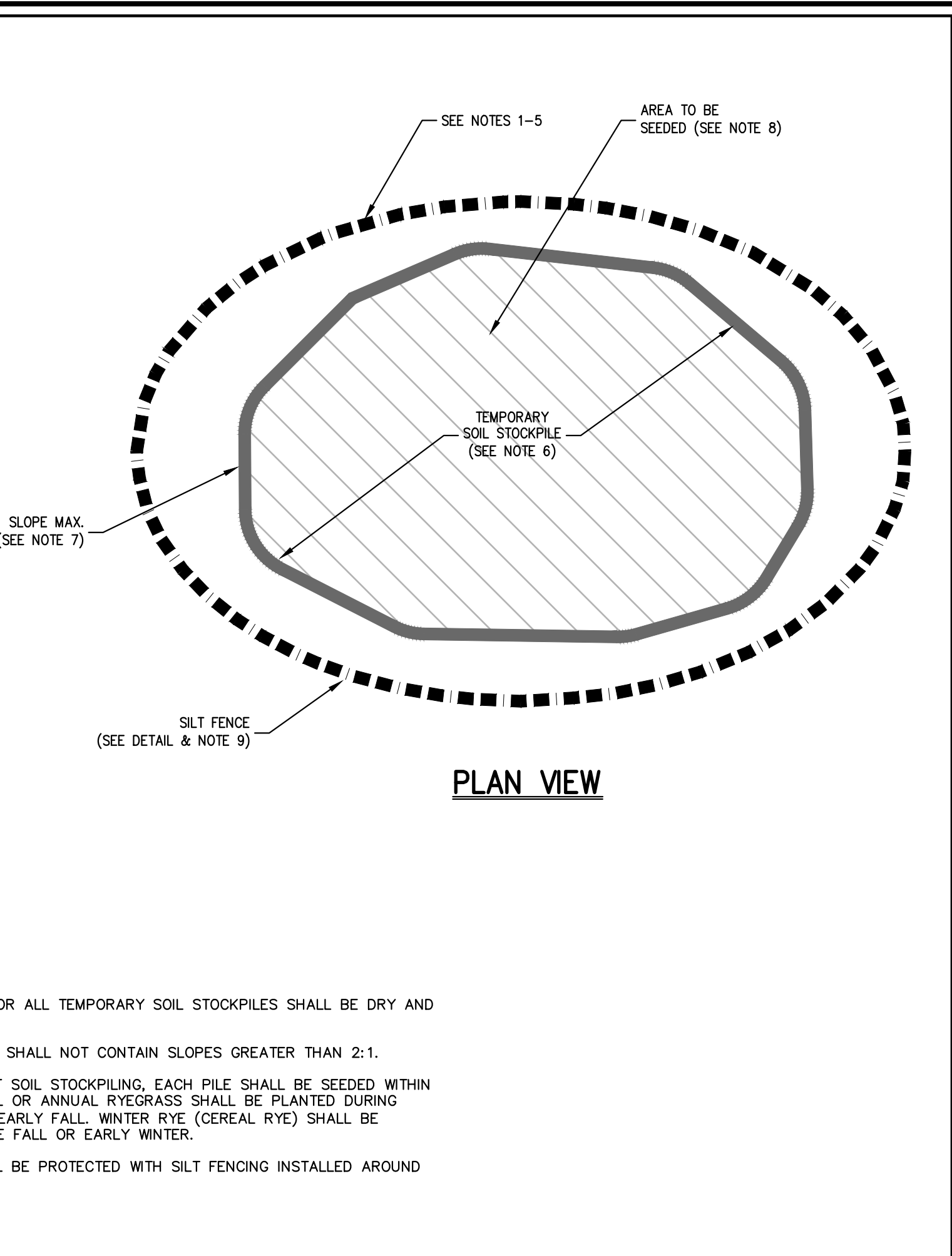
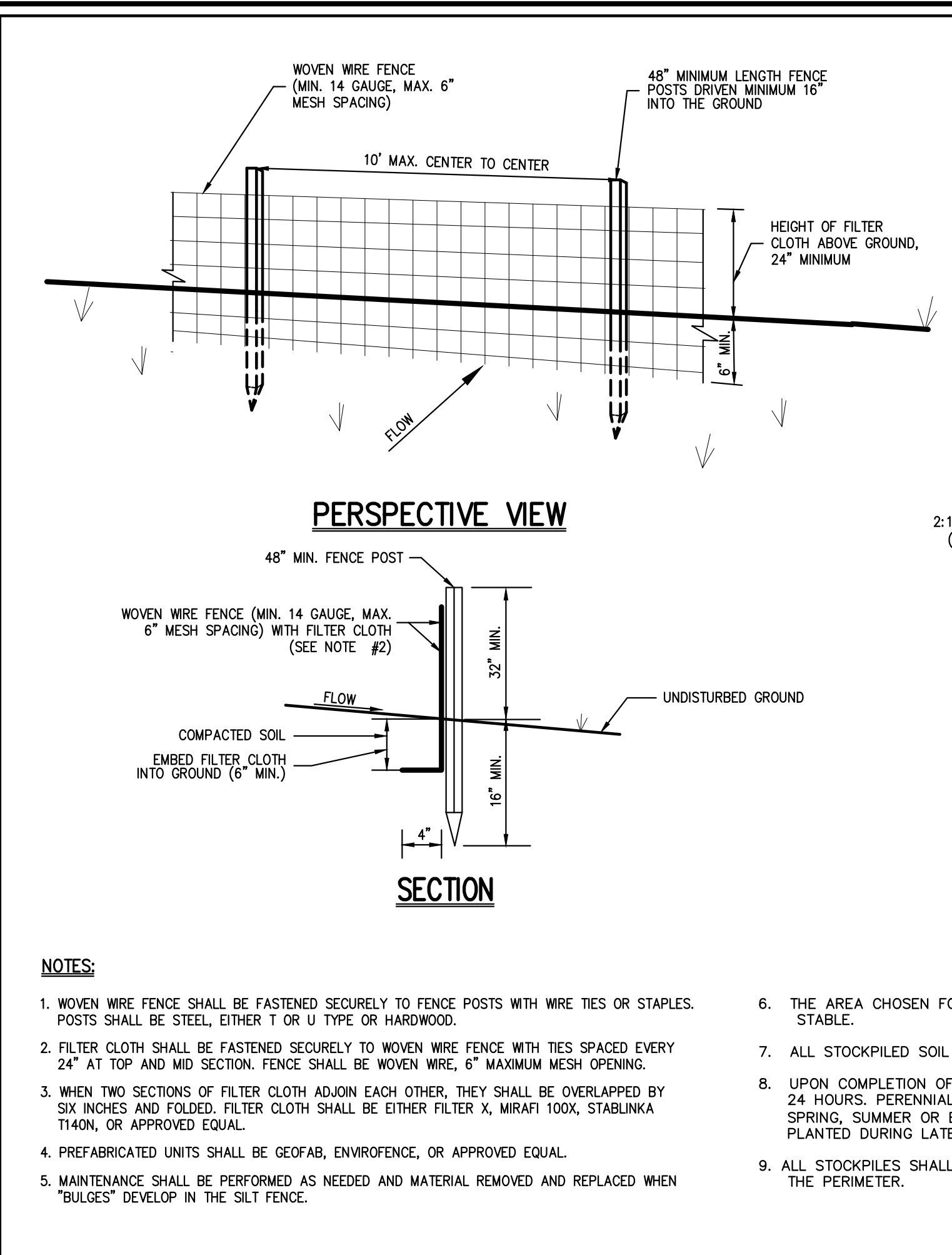
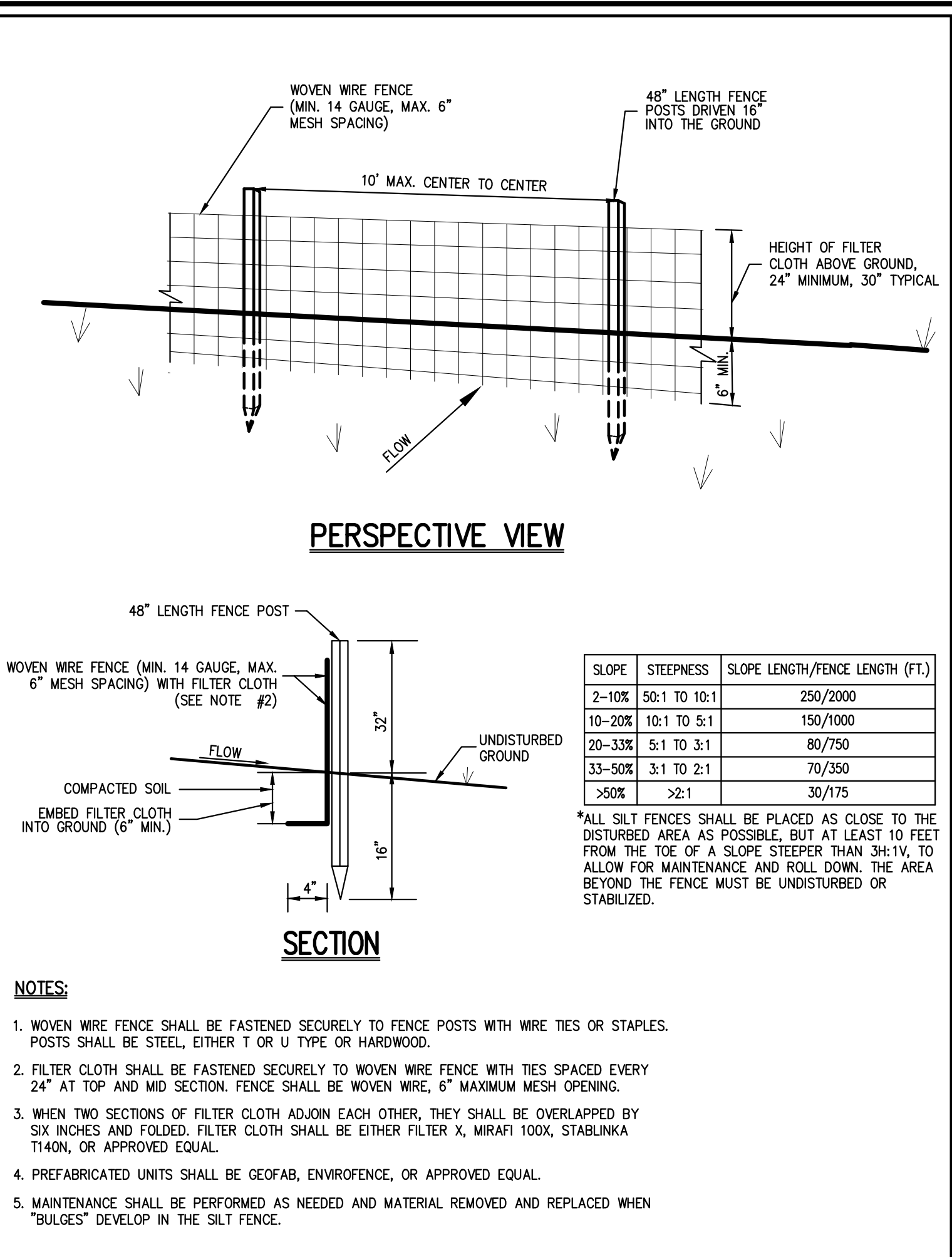


**WORK ZONE TRAFFIC CONTROL PLAN**  
 500 COMMERCE STREET REDEVELOPMENT  
 500 COMMERCE STREET  
 HAWTHORNE, NY 10532

Drawn: SPG Approved: MTP  
 Scale: 1" = 20'  
 Date: 12/15/2020  
 Project No: 18158  
 HWS-HRWML WZTC HWY-1, WZTC-22  
 Drawing No: **HP-6**

Previous Editions Obsolete

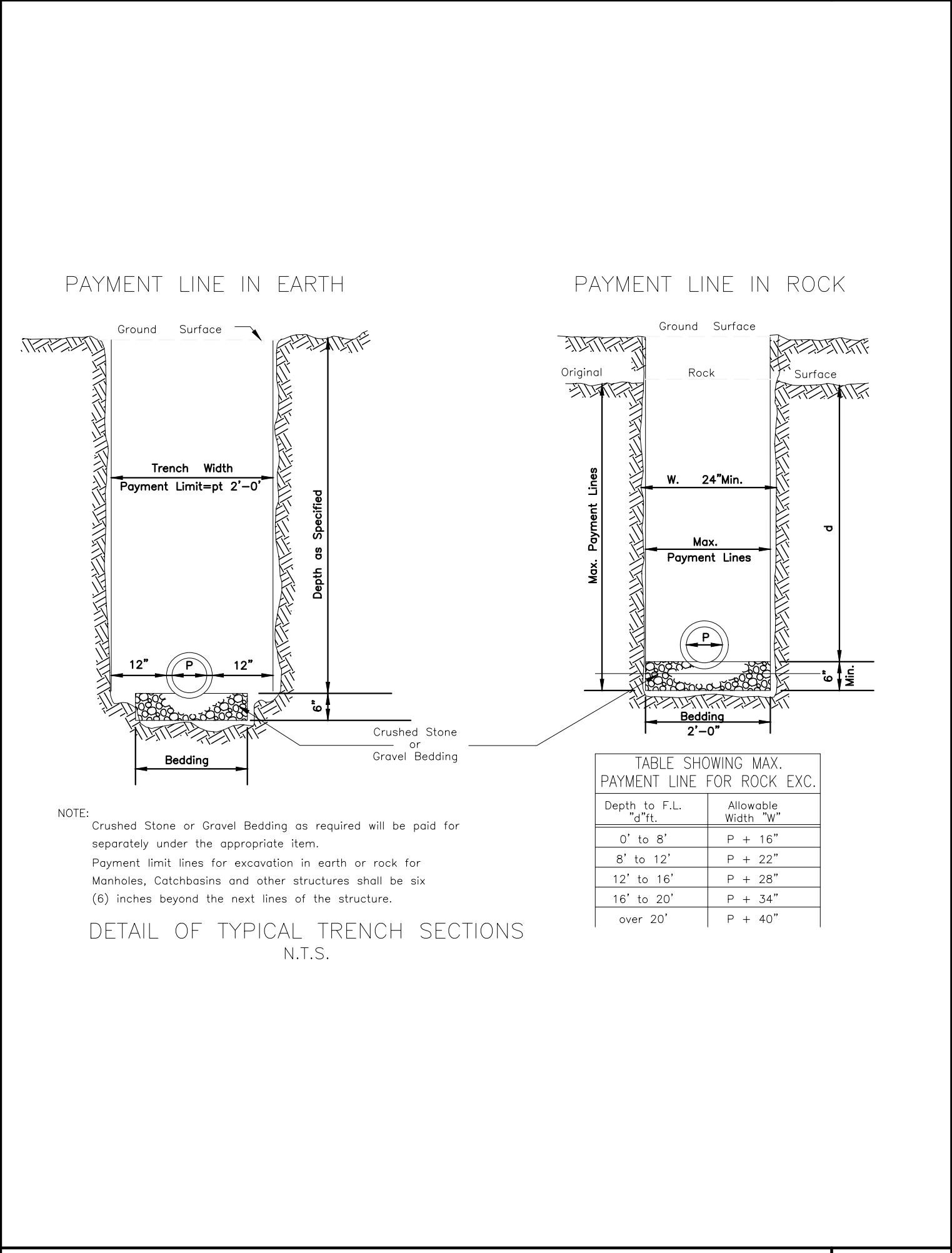
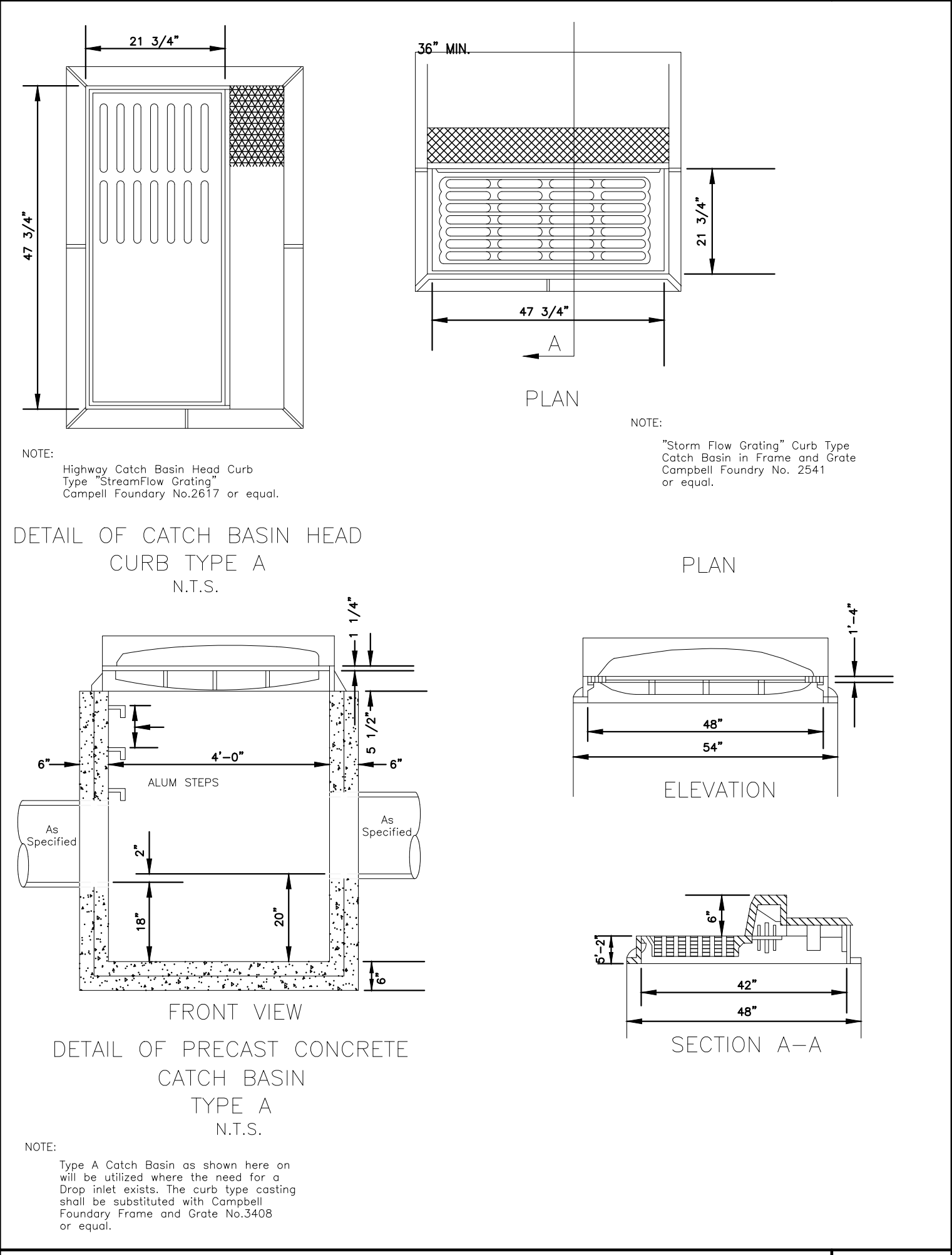
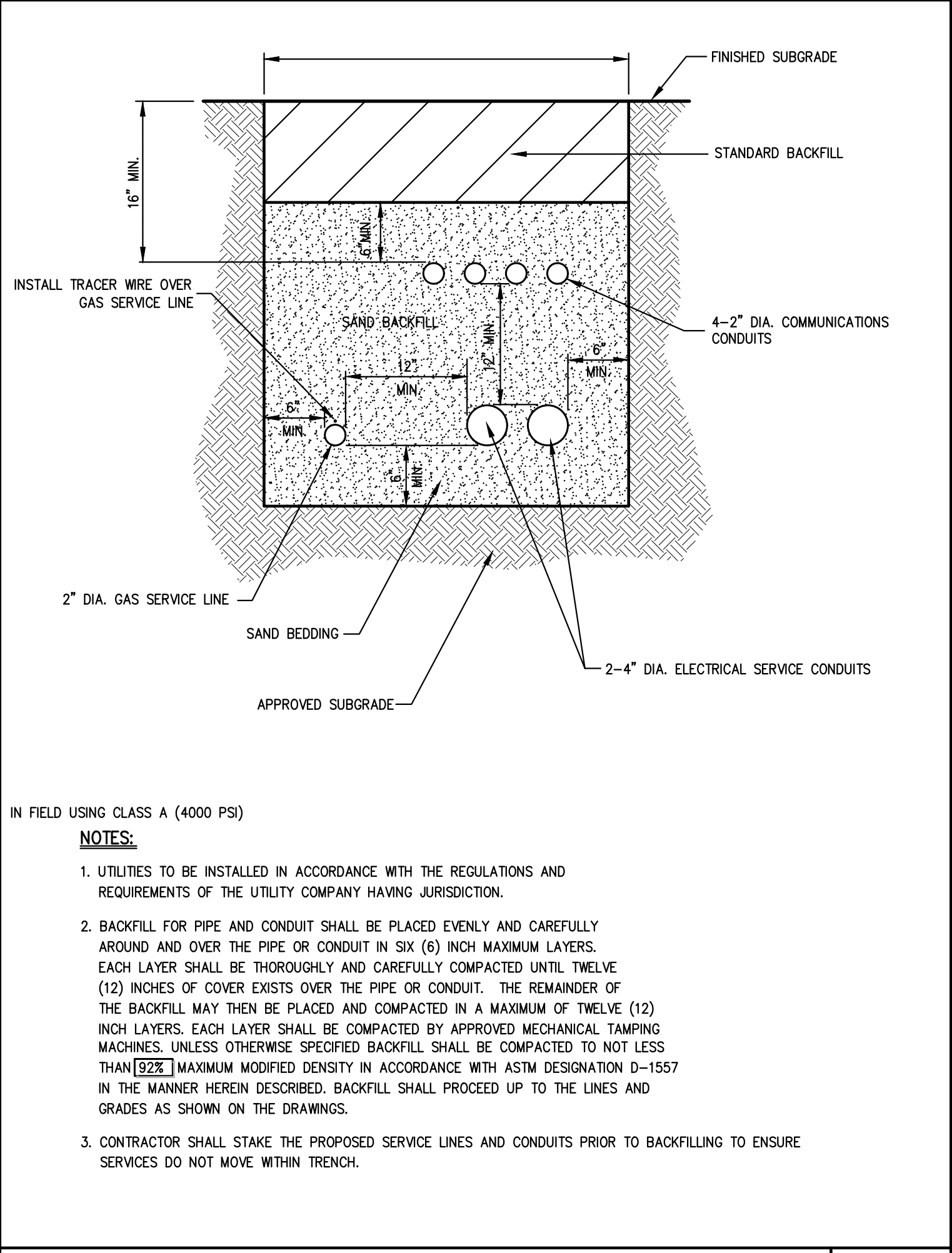
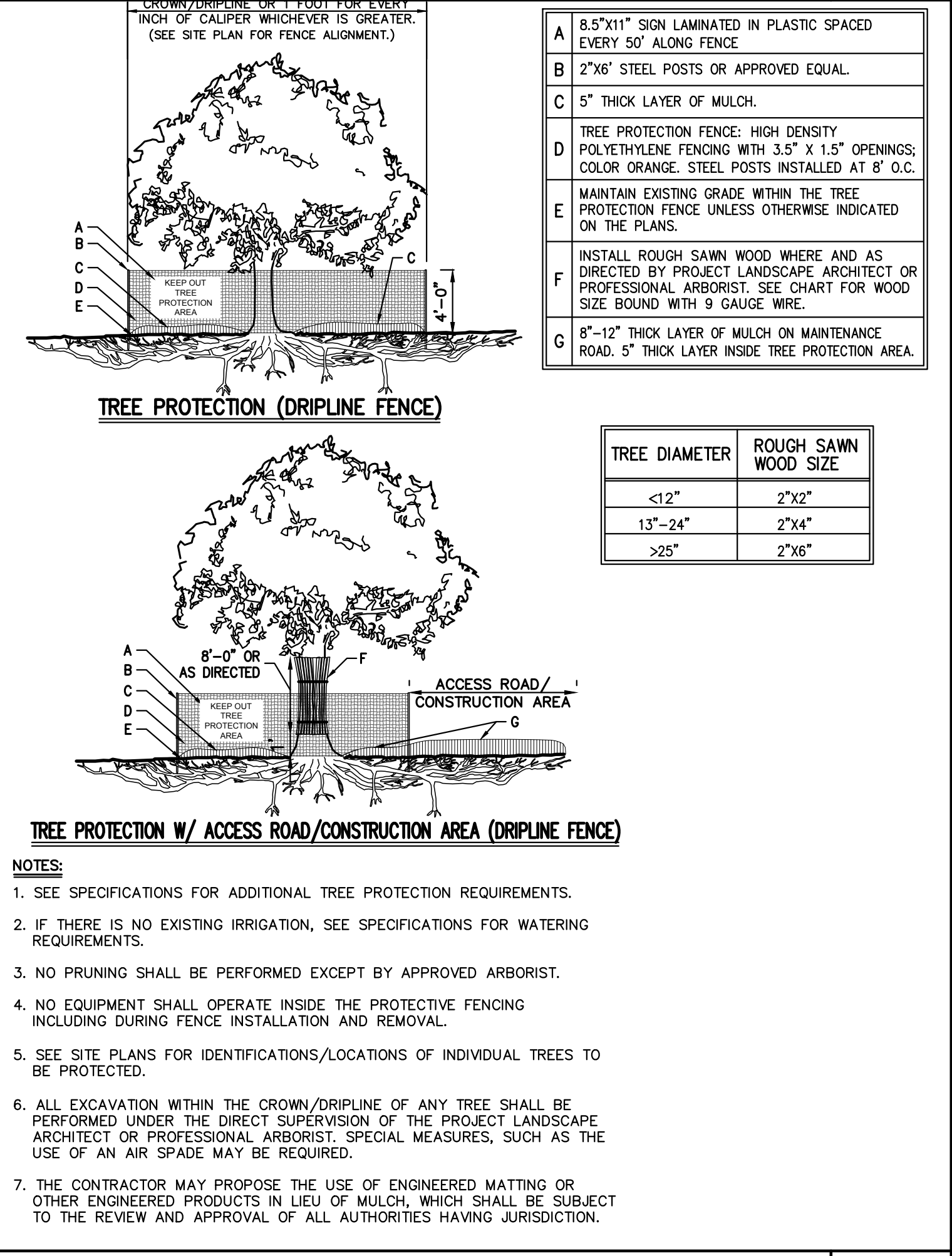




**SILT FENCE** 1

**TEMPORARY SOIL STOCKPILE WITH SILT FENCE** 2

**SILT SACK** 3



**TREE PROTECTION** 4

**UTILITY TRENCH DETAIL** 5

**DRAIN INLET (TYPE CI)** 6  
(TOWN OF MOUNT PLEASANT)

**UTILITY TRENCH DETAIL** 7  
(TOWN OF MOUNT PLEASANT)

Date: 03/12/2021  
 Revision: 03/16/2021  
 06/11/2021

No. 1. ISSUED FOR BUILDING PERMIT  
 2. ISSUE FOR PRICING  
 3. ISSUE FOR UPDATED PRICING

JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC  
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**JMC**

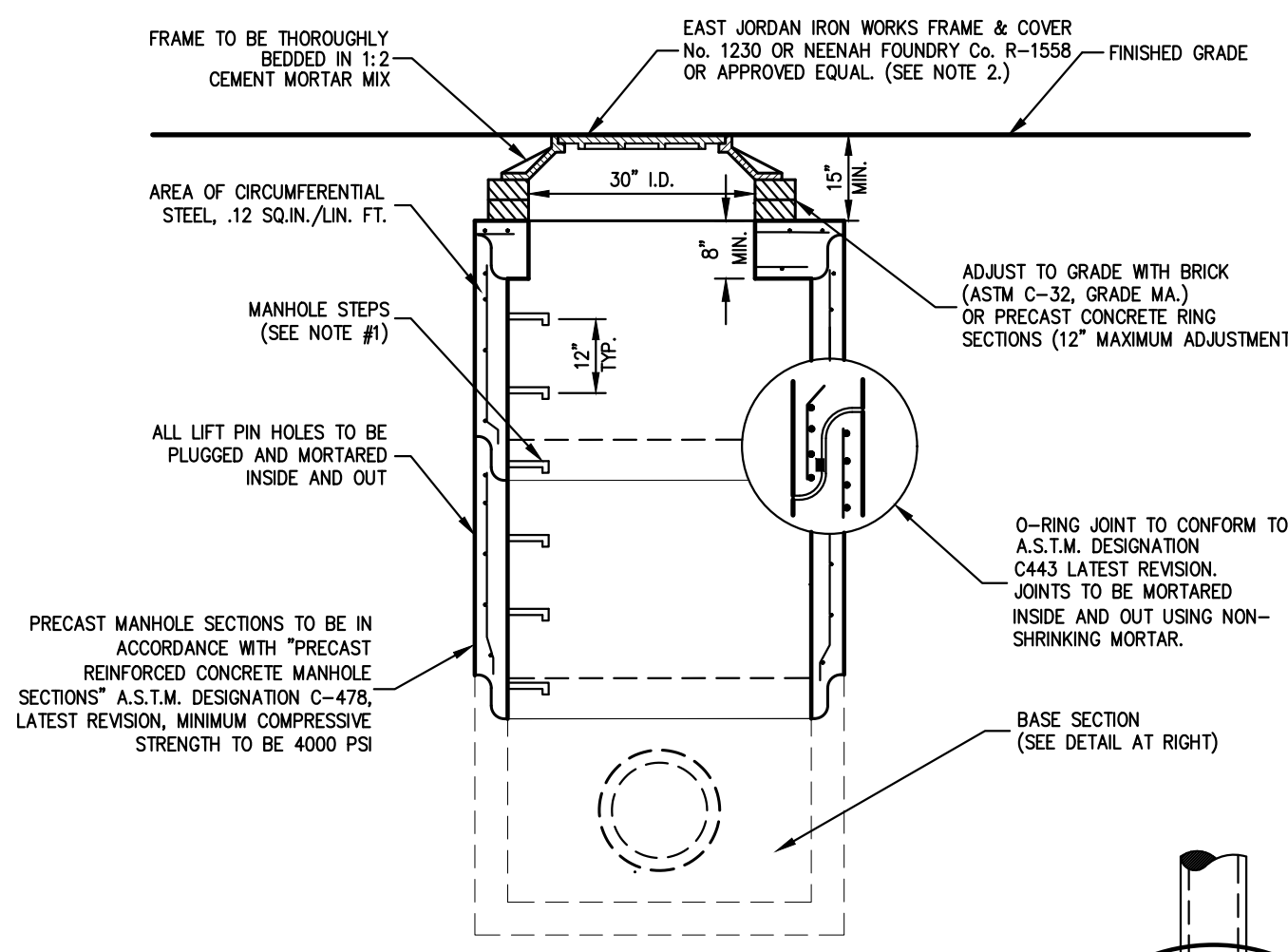
**CONSTRUCTION DETAILS**  
 500 COMMERCE STREET REDEVELOPMENT  
 500 COMMERCE STREET HAWTHORNE, NY 10532

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209.9.

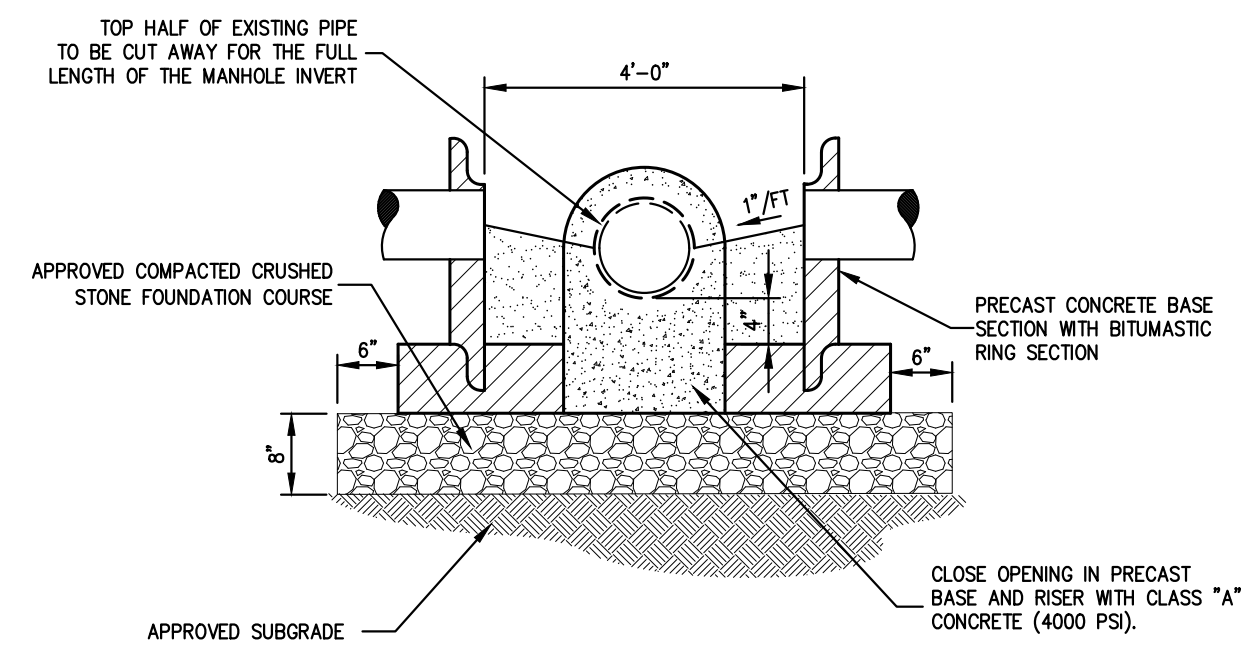
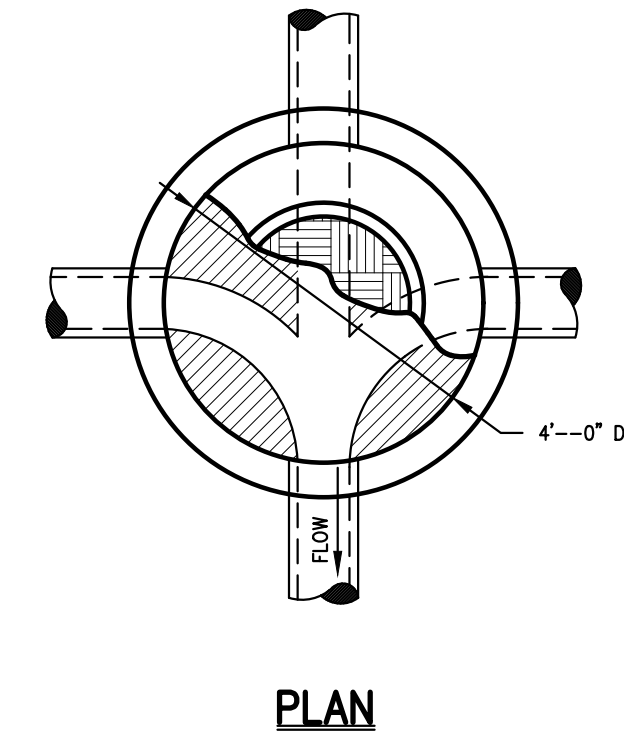
Drawn: SPG Approved: MTP  
 Scale: NOT TO SCALE  
 Date: 12/15/2020  
 Project No: 18158  
 1858-DETAILS HP-7  
 Drawing No: HP-7

NOT FOR CONSTRUCTION

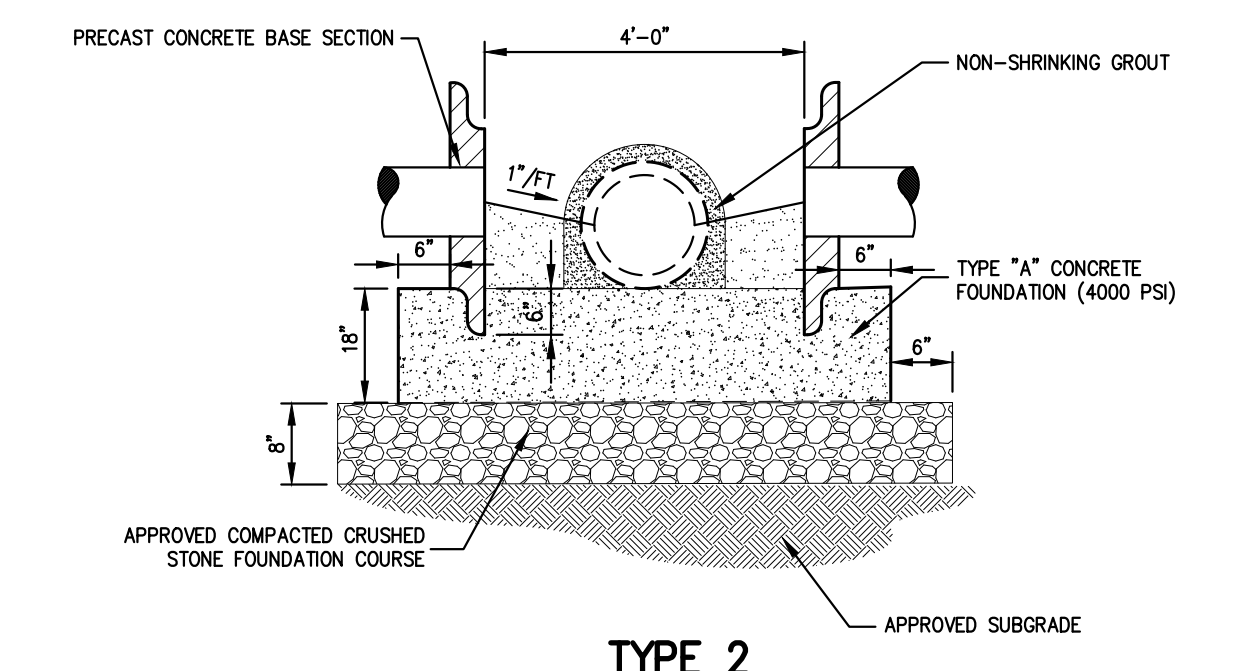




- NOTES:**
- MANHOLE STEPS SHALL BE CAST IRON NEENAH No. R-1981-0 OR CAMPBELL FOUNDRY No. 2588-1 OR POLYPROPYLENE COATED STEEL (SEE SPECIFICATIONS) OR APPROVED EQUAL.
  - UNLESS OTHERWISE SPECIFIED, SANITARY SEWER MANHOLES SHALL HAVE LETTERS "SEWER" AND STORM DRAIN MANHOLES SHALL HAVE LETTERS "DRAIN" CAST ON COVER. THE COVERS SHALL HAVE VENT HOLES.
  - MANHOLES WITH DEPTH (H) 10' OR GREATER SHALL BE FIVE (5) FEET IN DIAMETER.
  - MANHOLES SHALL MEET OR EXCEED A.S.T.M. AND O.S.H.A. REQUIREMENTS.
  - SEE "NOTES PERTAINING TO MANHOLES" UNDER "UTILITY NOTES" ON DRAWING HP-8.
  - CONCRETE SHALL BE SLOPED AT 1"/FT.



**TYPE 1**



**TYPE 2**

**NOTES PERTAINING TO DRAIN INLETS**

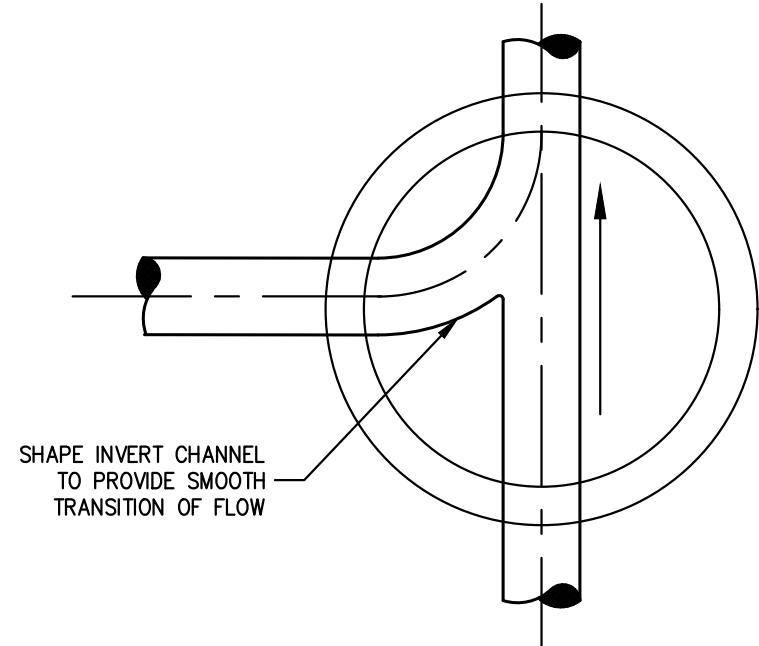
- STEPS WILL NOT BE REQUIRED IN INLETS LESS THAN FOUR (4) FEET IN DEPTH. STEPS WILL BE REQUIRED IN INLETS FOUR (4) FEET OR GREATER IN DEPTH. DEPTHS FOR DRAIN INLETS SHALL BE MEASURED FROM FINISHED GRADE TO INSIDE BOTTOM OF STRUCTURE (INCLUDING SUMP AS APPLICABLE).
- WHEN STEPS ARE REQUIRED, STEPS SHALL COMPLY WITH THE SAME REQUIREMENTS OF ASTM STANDARD C-478, ARTICLE 13 ENTITLED "MANHOLE STEPS & LADDERS".
- FOR MASONRY STRUCTURES, THE FIRST COURSE OF MASONRY SHALL BE SET IN THE CONCRETE FOUNDATION BEFORE THE CONCRETE HAS SET. CONCRETE FOUNDATION SHALL BE CLASS "A"(4000 psi) CONCRETE, TWELVE (12) INCHES THICK AND SHALL EXTEND SIX (6) INCHES BEYOND THE OUTSIDE FACE THE STRUCTURE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.
- ALL NECESSARY PATCHING FOR DRAIN STRUCTURES SHALL BE ACCOMPLISHED WITH NON-SHRINKING CEMENT MORTAR GROUT, APPROVED EQUAL TO SIK-A-SET AS MANUFACTURED BY THE SIK-A CHEMICAL CORP.
- FOUNDATIONS FOR PRECAST CONCRETE STRUCTURES SHALL BE SET ON A COMPACTED LAYER OF APPROVED CRUSHED STONE HAVING A MINIMUM COMPACTED THICKNESS OF EIGHT (8) INCHES.
- ALL PIPES SHALL BE CUT FLUSH WITH THE INSIDE WALL OF THE STRUCTURE.
- PROVIDE REINFORCED CONCRETE TOP SLAB FOR OVERSIZED DRAIN INLETS WITH PROPER SIZE OPENING TO ACCOMMODATE INSTALLATION OF FRAME & GRATE.
- FOR MASONRY STRUCTURES GREATER THAN TEN (10) FEET IN DEPTH, THICKNESS OF MASONRY WALLS SHALL BE INCREASED TO TWELVE (12) INCHES.
- FOR ALL STRUCTURES GREATER THAN 10 FEET IN DEPTH, STRUCTURES SHALL PROVIDE MINIMUM INSIDE DIMENSIONS OF 4 FEET X 4 FEET.

**NOTES PERTAINING TO MANHOLES**

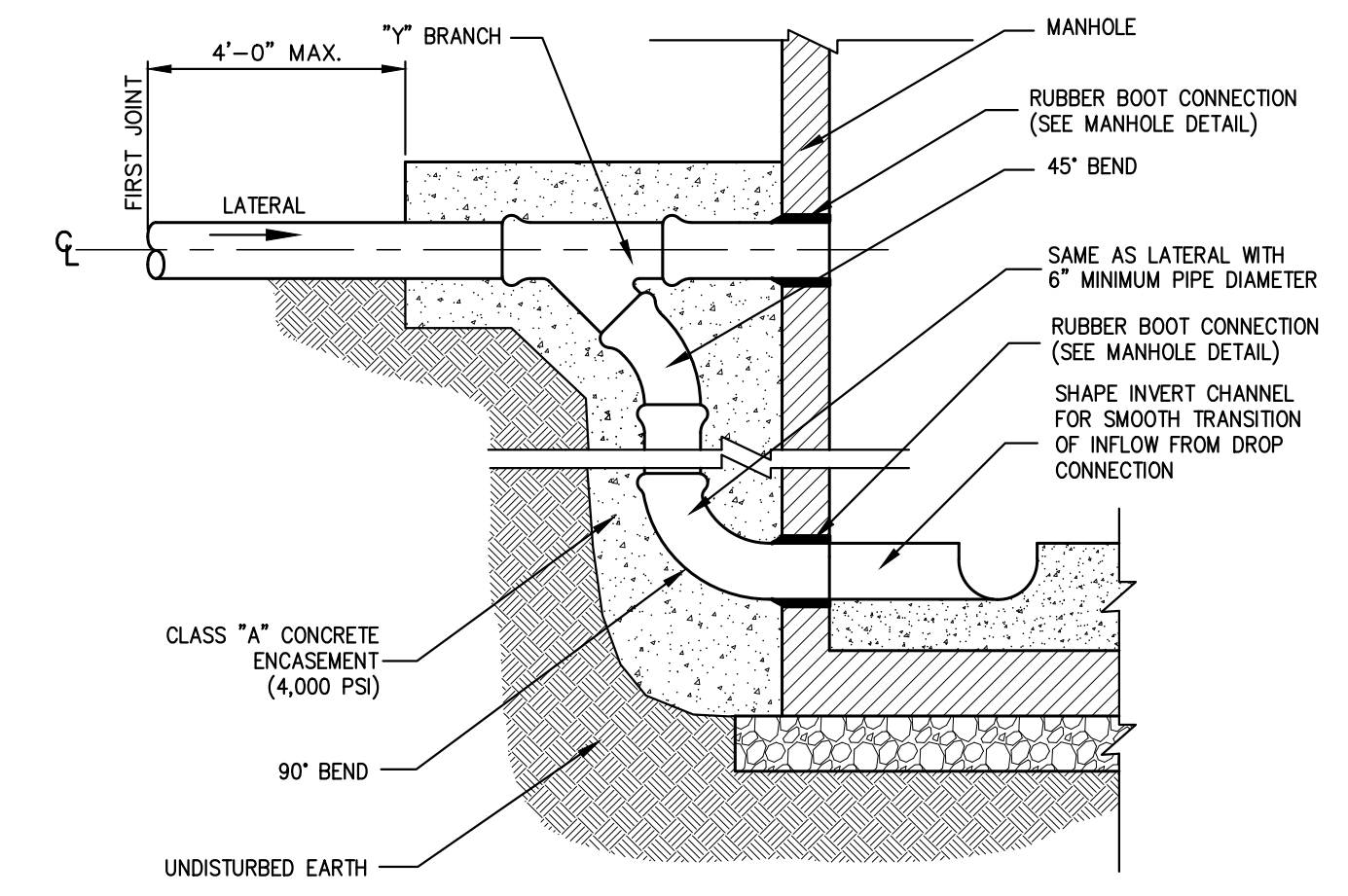
- PRECAST CONCRETE MANHOLES SHALL COMPLY WITH ASTM STANDARD C-478. MANHOLE JOINTS SHALL COMPLY WITH ASTM STANDARD C-443.
- FOR PRECAST CONCRETE MANHOLES FIVE (5) FEET OR LESS IN HEIGHT, TOP CONE SECTION SHALL BE REPLACED WITH PRECAST REINFORCED CONCRETE SLAB (6" MIN. THICKNESS) WITH OPENING OF SUFFICIENT SIZE TO ACCOMMODATE MANHOLE CASTING.
- FOR MANHOLES 10 FEET OR MORE IN DEPTH, MANHOLE DIAMETER SHALL BE FIVE (5) FEET.
- TERMINAL MANHOLE FLOORS SHALL BE SLOPED TOWARD OUTFALL PIPE.
- INVERT CHANNELS FOR PRECAST CONCRETE MANHOLES SHALL BE CONSTRUCTED OF CONCRETE.
- NOTES A-1, A-2, A-4, A-5, A-6 & A-7 UNDER "NOTES PERTAINING TO DRAIN INLETS" ABOVE SHALL APPLY TO MANHOLES.

**NOTES PERTAINING TO PRECAST CONCRETE STRUCTURES FOR STORM DRAINS, SANITARY SEWERS AND WATER LINES**

- ALL PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.
- STEPS SHALL BE LOCATED WITHIN STRUCTURE TO AVOID PLACEMENT OVER PIPES WHEN PRACTICABLE.



**PLAN OF INVERT CHANNEL**



- NOTES:**
- DROP CONNECTION SHALL BE USED WHEN INCOMING SANITARY SEWER IS MORE THAN 2'-0" HIGHER THAN THE OUTGOING SEWER.
  - PIPE SIZE OF DROP CONNECTION SHALL BE THE SAME SIZE AS LATERAL WITH 6" MINIMUM DIAMETER.

**DOGHOUSE MANHOLE**

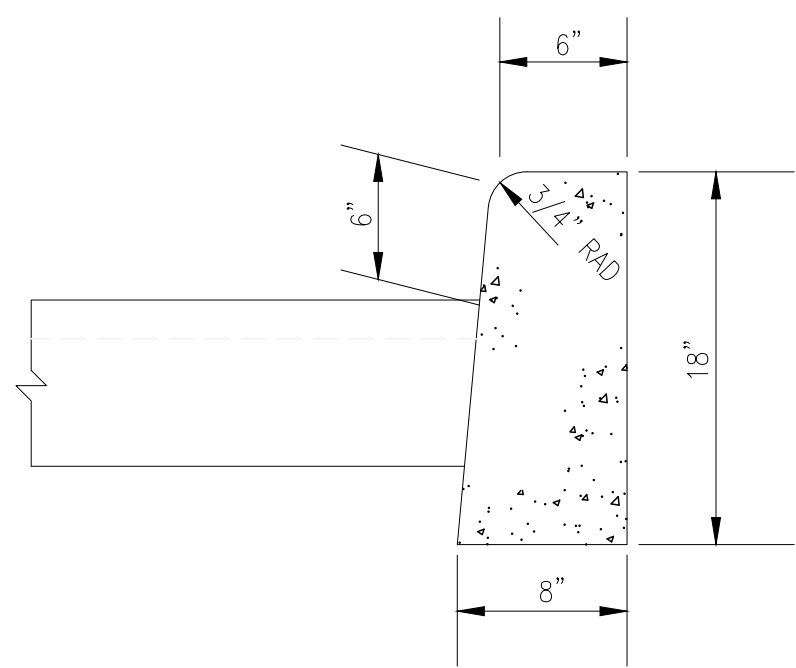
8

**UTILITY NOTES**

9

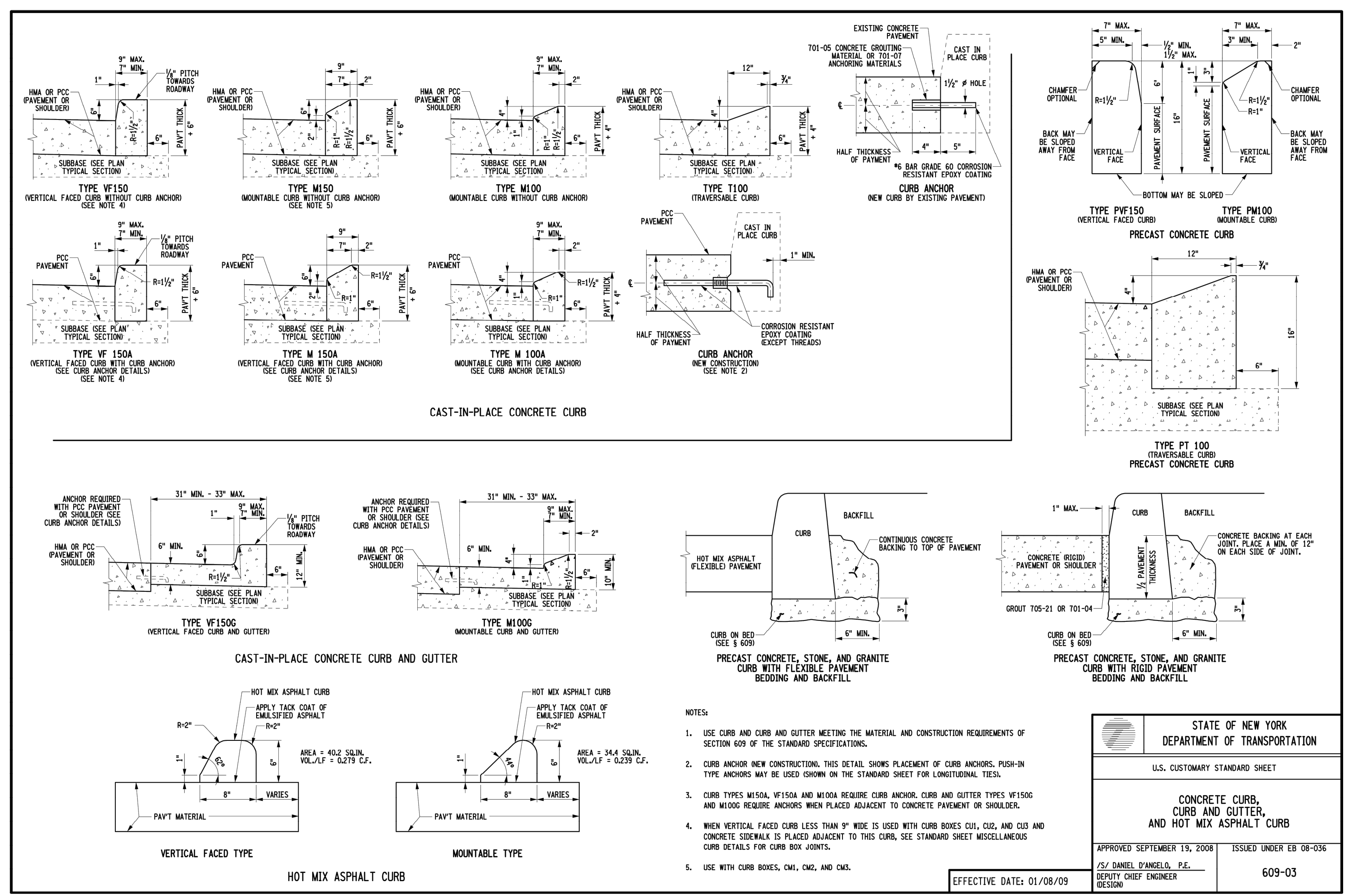
**DROP CONNECTION AT MANHOLE (SANITARY SEWER)**

10



- Note:
- Concrete Shall Be N.Y.S.D.O.T. Specs Class "A" Concrete.
  - Drop Curbs For Driveways Shall Have 1 1/2" Reveal.

**DETAIL OF CONCRETE CURB**  
Scale: 1"=1'-0"



**STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION**

U.S. CUSTOMARY STANDARD SHEET

**CONCRETE CURB, CURB AND GUTTER, AND HOT MIX ASPHALT CURB**

APPROVED SEPTEMBER 19, 2008 ISSUED UNDER E8 08-056  
/s/ DANIEL D'ANGELO, P.E. DEPUTY CHIEF ENGINEER REGION 1  
609-03

EFFECTIVE DATE: 01/08/09

**CONCRETE CURB (TOWN OF MOUNT PLEASANT)**

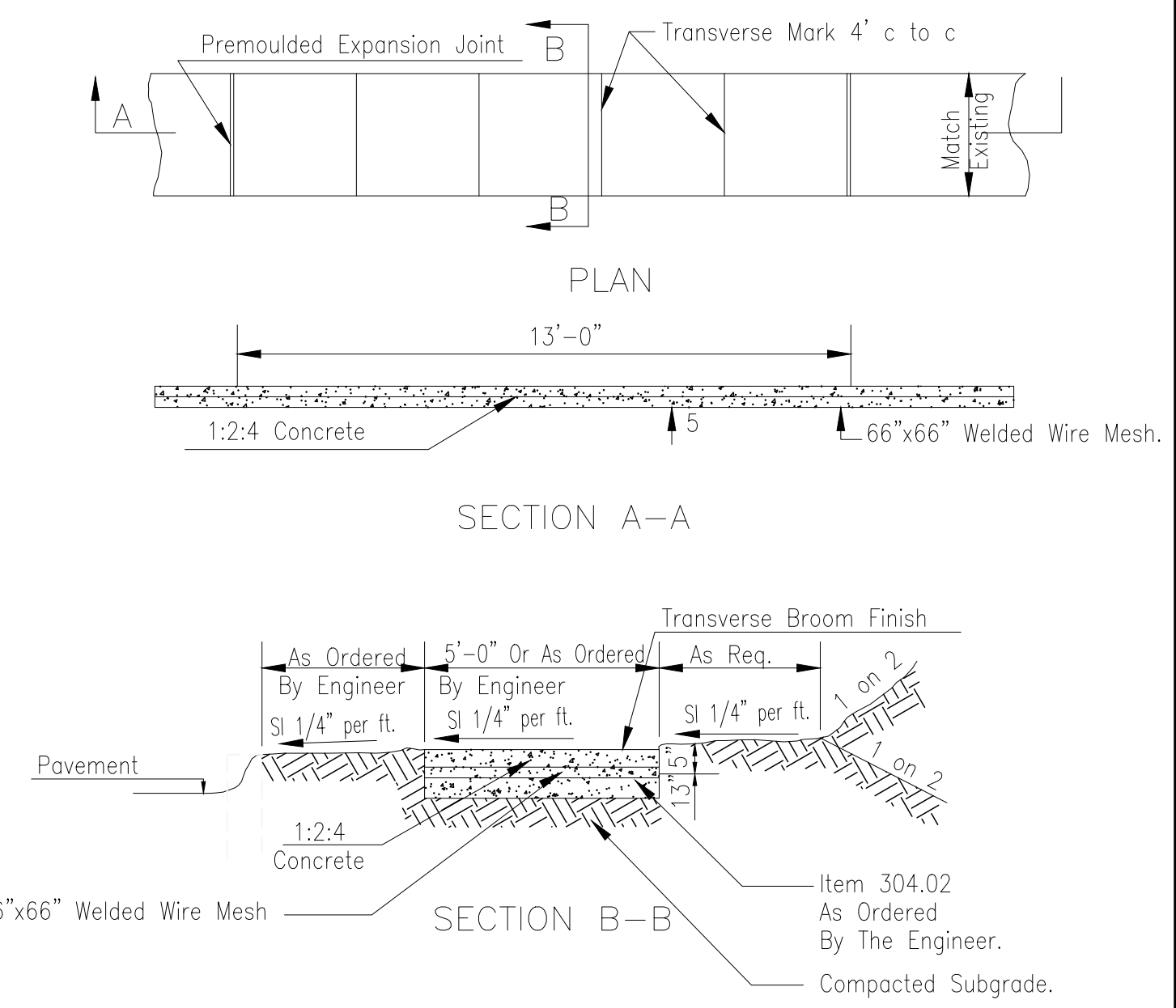
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**CONCRETE CURB, CURB AND GUTTER, AND HOT MIX ASPHALT CURB**

12

**CONCRETE SIDEWALK (TOWN OF MOUNT PLEASANT)**

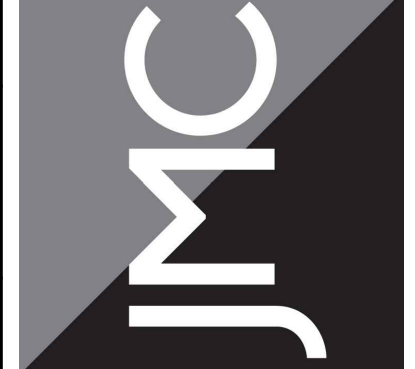
13



- DETAIL OF CONCRETE SIDEWALK**  
Scale: 1/4"=1'-0"
- Notes:
- Concrete shall be NYSDOT Specs Class A Concrete.
  - Sidewalks Shall Be 5 inches Thick On a 3 inch Base of NYSDOT Item 304.02, With 66"x66" Welded Wire Mesh.
  - Driveways and Aprons Shall Be 7 inches Thick, on inch Base of NYSDOT item 304.02, With 66"x66" Welded Wire Mesh.

Date	03/12/2021
Revision	03/16/2021
No.	1. ISSUED FOR BUILDING PERMIT
	2. ISSUE FOR PRICING
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JMC Site Development Consultants, LLC  
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**CONSTRUCTION DETAILS**  
500 COMMERCE STREET REDEVELOPMENT  
500 COMMERCE STREET HAWTHORNE, NY 10532

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

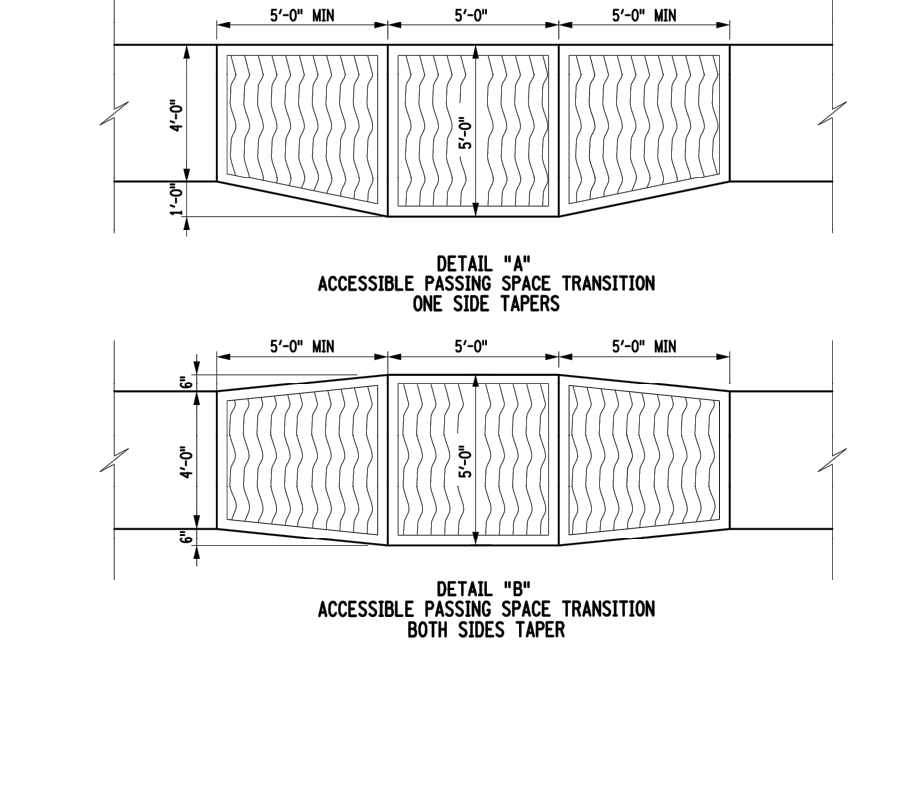
Drawn:	SPG	Approved:	MTP
Scale:	NOT TO SCALE		
Date:	12/15/2020		
Project No.:	18158		
1858-DEMS	HP-8		
Drawing No.:	HP-8		

NOT FOR CONSTRUCTION



- GENERAL NOTES:**
- THESE SHEETS ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE REQUIREMENTS OF THE 2011 PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT OF WAY (PROW).
  - DIMENSIONS SHOWN IN THE DETAILS AS MINIMUMS AND MAXIMUMS ARE THE LIMITS FOR DESIGN AND FIELD LAYOUT. FACILITIES SHALL NOT BE CONSTRUCTED WITH VALUES OUTSIDE THE LIMITS FOR WORK ACCEPTANCE. SEE "DESIGN ELEMENT TOLERANCES" ON THIS SHEET. FURTHER INFORMATION IS PROVIDED ON "CRITICAL ELEMENTS" FOR THE DESIGN LAYOUT AND ACCEPTANCE OF PEDESTRIAN FACILITIES AVAILABLE ON THE NYSDOT HIGHWAY DESIGN MANUAL, CHAPTER 18 WEBSITE.
  - NOT ALL FACILITIES CAN BE CONSTRUCTED TO MEET THE DESIGN STANDARDS. FACILITIES THAT CANNOT BE CONSTRUCTED TO MEET THE DESIGN STANDARDS SHALL BE CONSTRUCTED TO MEET THE STANDARDS TO THE GREATEST EXTENT PRACTICABLE. NONSTANDARD FEATURES SHALL BE NOTED FOR HIGHWAY DESIGN MANUAL, CHAPTER 2, EXHIBIT 2-15A.
  - TO OBTAIN FIELD LAYOUT AND TO VERIFY WORK ACCEPTANCE, ALL SLOPES AND GRADES WILL BE MEASURED WITH A 4 FOOT LONG DUAL LEVEL USING AT LEAST TWO READINGS. THE DESIGNER SHALL PROVIDE A MAXIMUM OF TWO READINGS PER LINE. ALL SLOPES WILL BE MEASURED ALONG THE CENTERLINE AND OFFSET 12" TO 18" FROM THE CENTERLINE. CROSS SLOPES WILL BE MEASURED PERPENDICULAR TO CENTERLINE AT 5' TO 10' INTERVALS.
  - GRADES BRUNING SLOPES ARE MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL. CROSS SLOPES ARE MEASURED PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
  - JUNTS BETWEEN SIDEWALKS, CURB RAMPS, TURNING SPACES AND ROADWAYS SHALL BE FLOUT AND FREE FROM ADMITTIBLE VERTICAL CHANGES GREATER THAN 1/4" VERTICAL SURFACE DISCONTINUITIES BETWEEN 1/4" AND 1/2" SHALL BE REVEALED WITH A SLOPE NOT STEEPER THAN 1:6. THE BEVEL SHALL BE APPLIED ACROSS THE ENTIRE JOINT. SEE DETAIL ON SHEET 2 OF 9.
  - SIDEWALKS ARE CONNECTED TO ROADWAYS BY EITHER BLENDED TRANSITIONS OR CURB RAMPS. BLENDED TRANSITIONS ARE CONNECTIONS BETWEEN THE SIDEWALK LEVEL AND THE ROADWAY LEVEL THAT HAVE A MAXIMUM GRADE BRUNING SLOPE OF 5% AND TRANSITIONS GREATER THAN 5% ARE CONSIDERED CURB RAMPS.
  - CURB RAMPS AND BLENDED TRANSITIONS MAY REQUIRE THE INSTALLATION OF DETECTABLE WARNINGS. SEE ADDITIONAL "DETECTABLE WARNING NOTES" ON THIS SHEET, AND DETAILS ON SHEET 2 OF 9 FOR DIMENSIONS, ORIENTATION AND INSTALLATION.
  - VERTICAL ALIGNMENT SHALL BE GENERALLY PLANNED GRADE BREAKS WITHIN THE PEDESTRIAN ACCESS ROUTE. THE CROSS SLOPE OF A PEDESTRIAN ACCESS ROUTE SHALL NOT BE MORE THAN 5%.
  - NATURAL SLOPES SHOWN ON THESE SHEETS ARE TYPICAL MINIMUM VALUES AND MAY BE DIFFERENT IN THE CONTRACT DOCUMENTS.
  - SIDEWALK GRADE BRUNING SLOPES SHALL NOT BE DESIGNED TO EXCEED 4.5% EXCEPT WHEN MATCHING INTO EXISTING SIDEWALK OR WHEN THE ROADWAY GRADE IS STEEPER. WHEN HIGHWAY GRADE IS GREATER THAN 5%, THE SIDEWALK GRADE SHALL NOT EXCEED THE HIGHWAY GRADE.
  - THE CROSS SLOPE OF PEDESTRIAN ACCESS ROUTES SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE. THE FOLLOWING EXCEPTIONS ARE ALLOWED:
    - WHERE PEDESTRIAN STREET CROSSINGS ARE PROVIDED AT INTERSECTIONS WITHOUT YIELD OR STOP CONTROL OR WHERE THERE IS ANY TRAFFIC SIGNAL WITHOUT A FLASHING RED, THE CROSS SLOPE OF A PEDESTRIAN ACCESS ROUTE CONTAINED WITHIN A STREET CROSSING SHALL BE 4.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 5% MAXIMUM FOR WORK ACCEPTANCE.
    - WHERE MIDBLOCK PEDESTRIAN STREET CROSSINGS ARE PROVIDED, THE CROSS SLOPE OF A PEDESTRIAN ACCESS ROUTE CONTAINED WITHIN A MIDBLOCK STREET CROSSING SHALL BE PERMITTED TO EQUAL THE STREET OR HIGHWAY GRADE.
  - THE MINIMUM CLEAR WIDTH FOR PEDESTRIAN ACCESS ROUTES IS 4'-0", EXCLUDING OF THE CURB. WHEN MINIMUM WIDTHS ARE LESS THAN 5'-0", THE CURB SHALL BE EQUAL OR GREATER DIMENSIONS E.G., DRIVEWAYS THAT MEET THE SLOPE CRITERIA SHALL BE PROVIDED AT A MAXIMUM INTERVAL OF 200'. EXISTING DRIVEWAYS AND STREET CROSSINGS MAY ALSO SERVE AS PASSING SPACES.
  - THE BUFFER ZONE IS A PHYSICAL DISTANCE SEPARATING THE PEDESTRIAN ACCESS ROUTE FROM THE ROADWAY TRAVEL WAY. IT SHALL BE PLANNED OR PAVED. WHERE THE BUFFER ZONE WIDTH, EXCLUDING OF CURB, IS LESS THAN 3'-0" THE SURFACE SHALL BE PAVED OR CONSTRUCTED WITH HARBORCAST.
  - THE MAXIMUM RECOMMENDED CROSS SLOPE OF A TURN BUFFER ZONE OR SLOPE TRANSITION BETWEEN SIDEWALKS IS 5%. BUFFER ZONES WITH A CROSS SLOPE GREATER THAN 5% SHALL BE PAVED, PLANKED OR CONSTRUCTED WITH HARBORCAST.
  - WHEN CROSSING DRIVEWAYS, THE WORK SHALL BE IN CONFORMANCE WITH STANDARD SHEET 608-03.
  - FOR PEDESTRIAN SIGNALS AND PEDESTRIAN PUSH BUTTONS, REFER TO STANDARD SHEET 608-01 FOR DETAILS.
  - WHERE EXISTING ROADWAYS ARE SKINNY TO INSTALL CURBING AND/OR SIDEWALKS, THE ROADWAY SHOULD BE CARVED AT LEAST 2'-0" FROM THE PROPOSED CURB LINE TO ALLOW FOR ADEQUATE COMPLETION OF SIGNALS, PUSH BUTTONS OR OTHER DEVICES FROM PROPOSED CURB LINE. THE ROADWAY SHALL BE REVEALED USING CLASS C CONCRETE. SEE DETAILS ON SHEET 2 OF 9.

- CURB RAMP NOTES:**
- THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 4'-0".
  - THE GRADE BRUNING SLOPE OF A CURB RAMP SHALL BE A MAXIMUM OF 5%. THE GRADE FOR DESIGN AND LAYOUT SHALL BE A MAXIMUM OF 7.5%. THE GRADE FOR ADA ACCESSIBILITY AND WORK ACCEPTANCE SHALL BE A MAXIMUM OF 4.5%.
  - WHERE EXISTING CONDITIONS DO NOT ALLOW FOR THE CONSTRUCTION OF A CURB RAMP WITH A GRADE BRUNING SLOPE OF 8% OR LESS, THE RAMP LENGTH SHALL NOT BE REQUIRED TO EXCEED 15'-0" FOR DESIGN AND FIELD LAYOUT. THE RAMP LENGTH SHALL NOT BE REQUIRED TO EXCEED 15'-0" FOR WORK ACCEPTANCE.
  - THE CROSS SLOPE OF THE CURB RAMP SHALL BE AS FLAT AS POSSIBLE AND STILL PROVIDE POSITIVE DRAINAGE. THE CROSS SLOPE OF A CURB RAMP SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE. SEE NOTE 17 FOR EXCEPTIONS. THE EXISTING ROADWAY GRADE EXCEEDS 2% THE CURB RAMP MAY BE WARPED ACCORDING TO THE DESIGN ON SHEET 4 OF 9 INTO THE DROP CURB.
  - RAMP SIDE SLOPES ARE DETAIL ON SHEET 3 OF 9 FOR USE WITHIN THE BUFFER ZONE. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP, FLARED SIDES WITH A MAXIMUM OF 1:10 SHALL BE PROVIDED. THE MAXIMUM GRADE BRUNING SLOPE SHALL BE 1:10. THE SLOPE OF FLARED SIDES IS MEASURED PARALLEL TO THE CURB LINE.
  - THE BACKSLOPE OF A PARALLEL RAMP SHOULD BE GRADIENT TO A MAXIMUM SLOPE OF 2% TO MATCH EXISTING TERRAIN, UNLESS OTHERWISE SHOWN IN THE CONTRACT DOCUMENTS. WHERE GRADIENTS ARE NOT FEASIBLE DUE TO LIMITED FLOOR OR PHYSICAL CONSTRAINTS, A BACK CURB MAY BE INSTALLED. SEE DETAILS ON SHEET 3 OF 9 AND SHEET 3 OF 9.
  - DEPARTMENT PREFERENCE IS TO INSTALL TWO CURB RAMPS AT A STREET CORNER THAT SERVES BOTH CROSSINGS. WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT TWO CURB RAMPS FROM BEING INSTALLED AT A STREET CORNER THAT SERVES BOTH CROSSINGS, A SINGLE EXISTING CURB RAMP WILL BE PERMITTED TO SERVE BOTH PEDESTRIAN STREET CROSSINGS.
- TURNING SPACE AND CLEAR SPACE NOTES:**
- WHERE A CHANGE IN DIRECTION IS REQUIRED TO UTILIZE A CURB RAMP, A TURNING SPACE SHALL BE PROVIDED AT THE BASE OR THE TOP OF CURB RAMP AS APPLICABLE. TURNING SPACES SHALL BE PERMITTED TO OVERLAP CLEAR SPACES.
  - WHERE THERE ARE NO VERTICAL CONSTRAINTS AT THE BACK OF SIDEWALK, E.G., VERTICAL CURB BUILDINGS PERMITTED, THE TURNING SPACE DIMENSION SHALL BE 4'-0" x 4'-0" MINIMUM. WHERE THE TURNING SPACE IS CONSTRAINED BY THE BACK OF SIDEWALK, THE TURNING SPACE SHALL BE 4'-0" x 5'-0" MINIMUM. THE 5'-0" DIMENSION SHALL BE PROVIDED PERPENDICULAR TO THE CONSTRAINT.
  - TURNING SPACES SHALL NOT BE DESIGNED WITH CROSS SLOPE GREATER THAN 1.5% IN ANY DIRECTION, UNLESS POSITIVE DRAINAGE. THE MAXIMUM CROSS SLOPE FOR WORK ACCEPTANCE IS 2.0%. A NONSTANDARD FEATURE JUSTIFICATION IS REQUIRED WHERE TURNING SPACES EXCEED 2.0% IN ANY DIRECTION.
  - BETWEEN THE BOTTOM GRADE BREAK, A CLEAR SPACE OF 4'-0" x 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN ACCESS ROUTE AND OUTSIDE THE PARALLEL DRIVEWAY TRAVEL LANE. THE CLEAR SPACE MAY OVERLAP TURNING SPACES, DETECTABLE WARNING SURFACES, AND DRIP CURBS.



**DESIGN ELEMENT TOLERANCES**

ELEMENT	DESIGN AND FIELD LAYOUT LIMIT	LIMIT FOR WORK ACCEPTANCE
SIDEWALK CROSS SLOPE - SEE NOTE 12	1.5% MAX.	2.0% MAX.
SIDEWALK GRADE BRUNING SLOPE - SEE NOTE 11	4.5% MAX.	5.0% MAX.
CURB RAMP GRADE BRUNING SLOPE - SEE NOTE 21	7.5% MAX.	8.5% MAX.
BLENDED TRANSITION GRADE BRUNING SLOPE - SEE NOTE 7	4.5% MAX.	5.0% MAX.

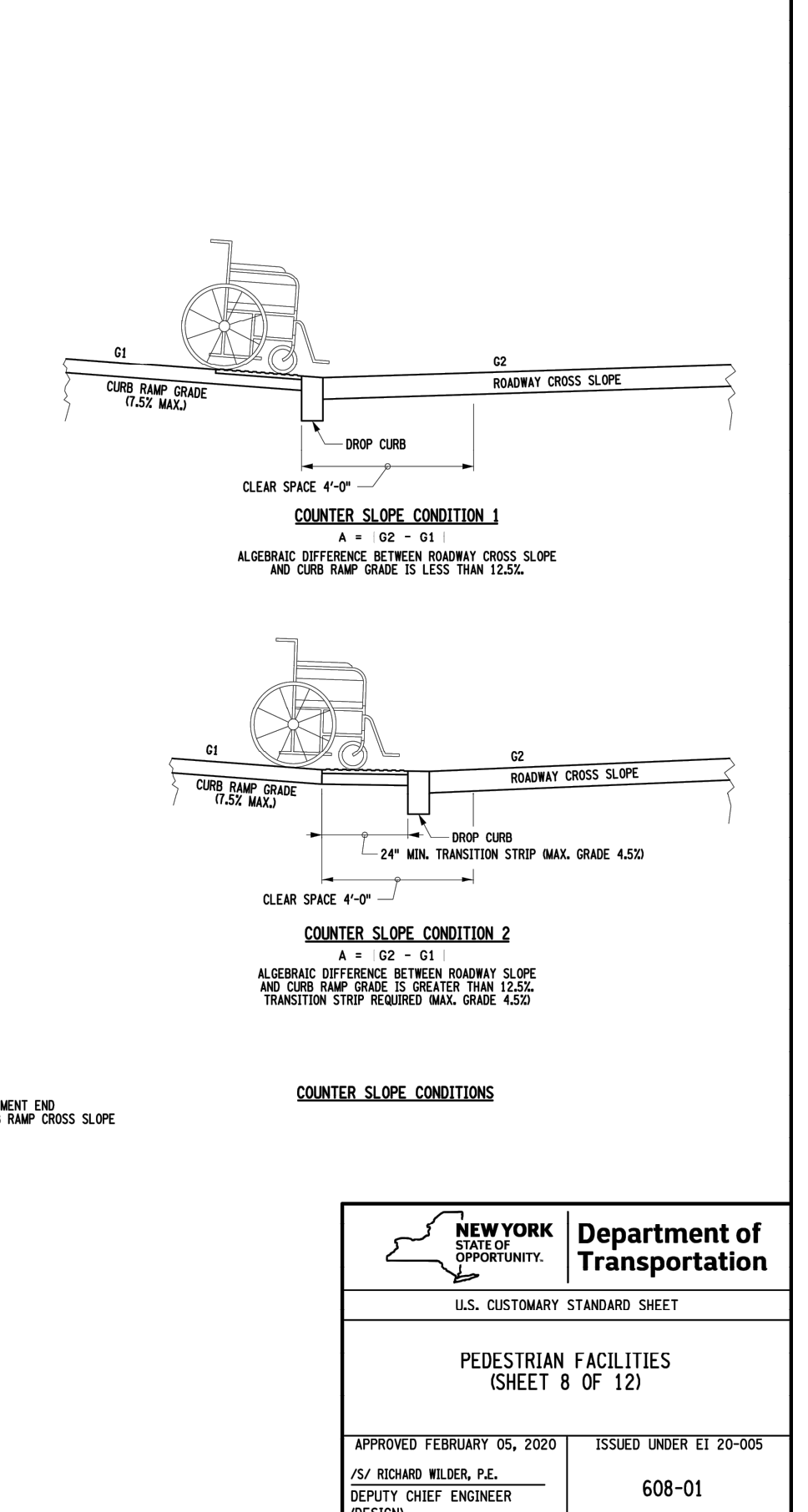
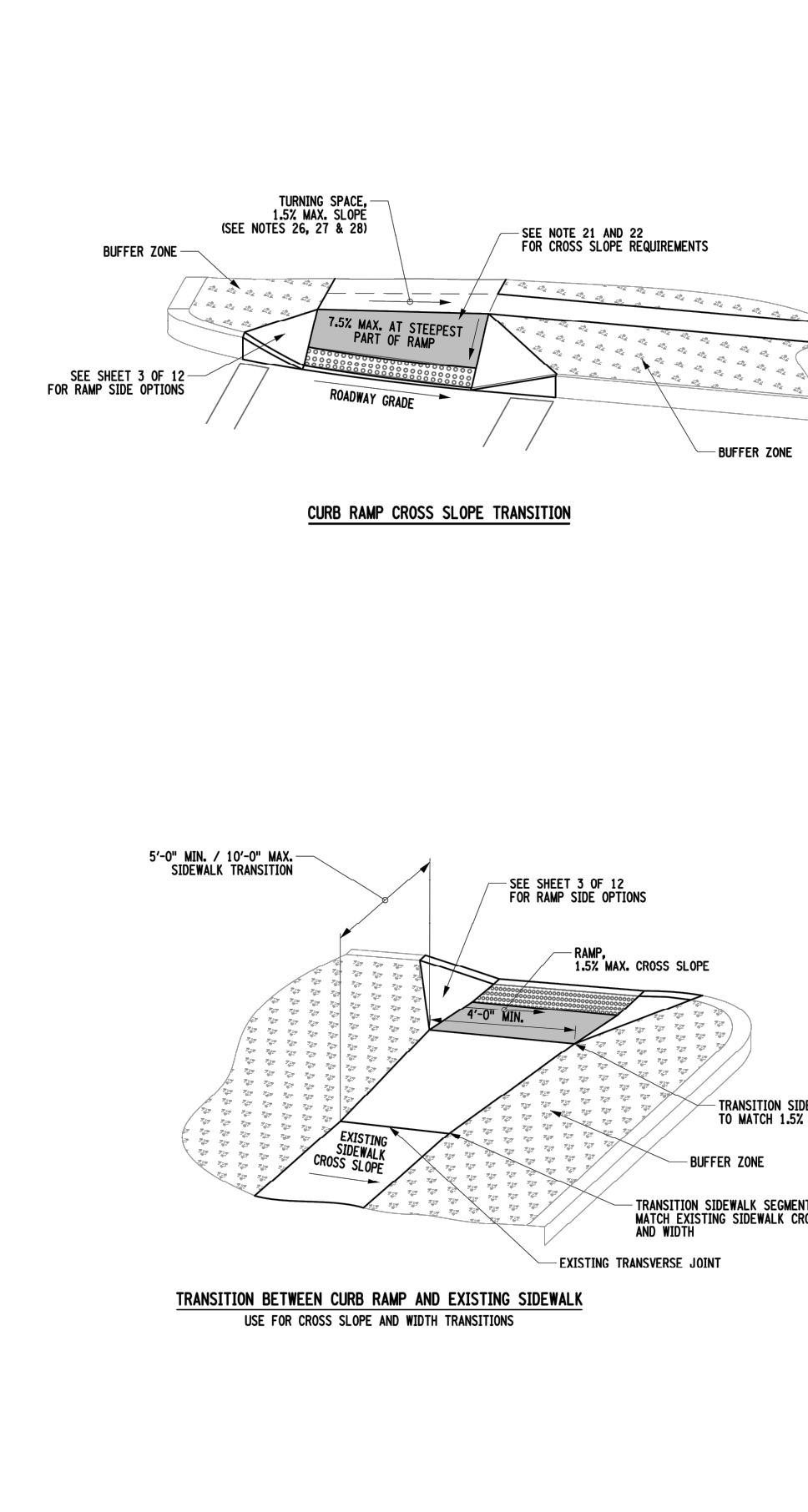
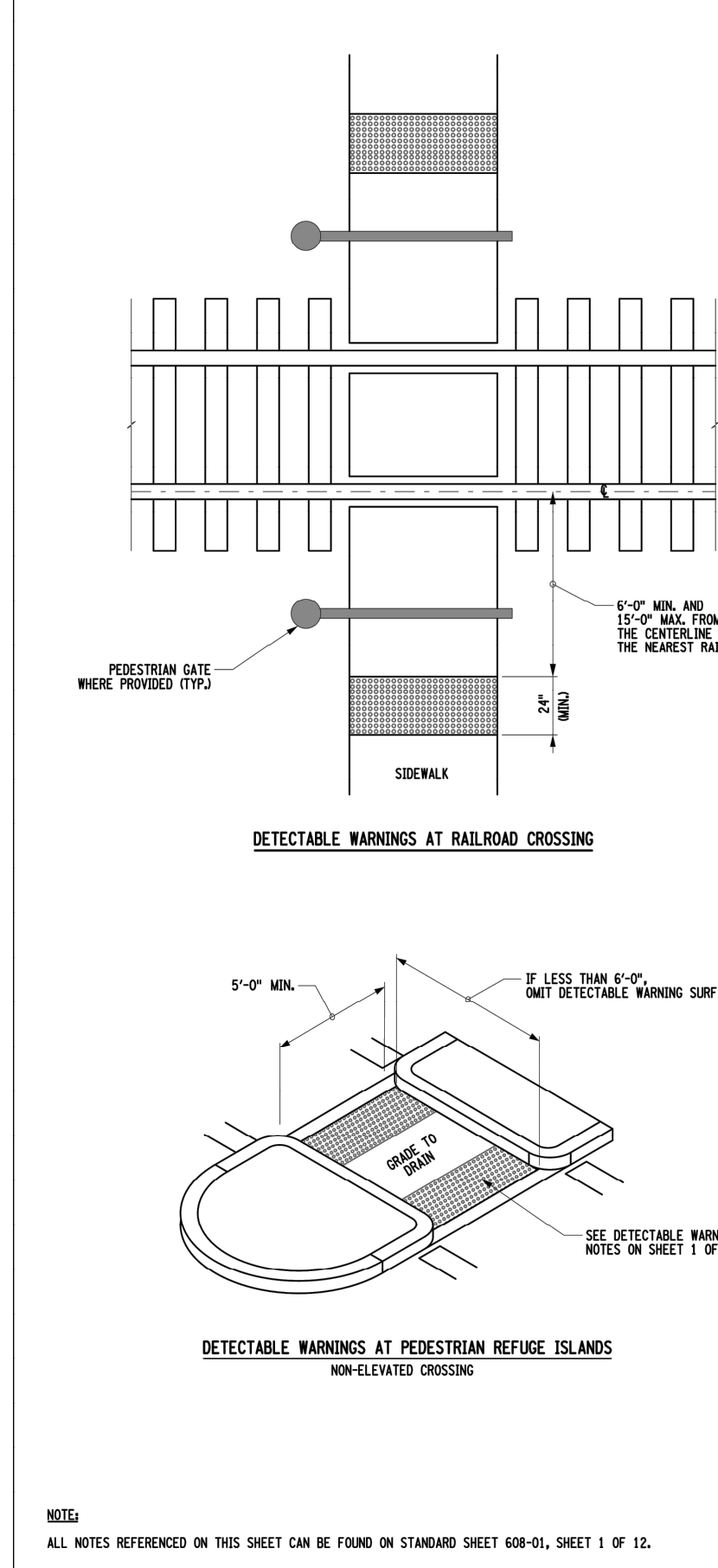
- DETECTABLE WARNING NOTES:**
- CURB RAMPS AND BLENDED TRANSITIONS AT PEDESTRIAN STREET CROSSINGS.
  - PEDESTRIAN REFUGE ISLANDS WHERE THE LENGTH OF THE PEDESTRIAN ACCESS ROUTE ACROSS THE REFUGE ISLAND IS GREATER THAN OR EQUAL TO 6 FEET.
  - PEDESTRIAN AT-GRADE RAIL CROSSINGS NOT LOCATED WITHIN A STREET OR HIGHWAY.
- DETECTABLE WARNING SURFACES SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS ON PEDESTRIAN ACCESS ROUTES:
- CURB RAMPS AND BLENDED TRANSITIONS AT PEDESTRIAN STREET CROSSINGS.
  - PEDESTRIAN REFUGE ISLANDS WHERE THE LENGTH OF THE PEDESTRIAN ACCESS ROUTE ACROSS THE REFUGE ISLAND IS GREATER THAN OR EQUAL TO 6 FEET.
  - PEDESTRIAN AT-GRADE RAIL CROSSINGS NOT LOCATED WITHIN A STREET OR HIGHWAY.
- DETECTABLE WARNING SURFACES SHALL BE PROVIDED WHERE THE PEDESTRIAN ACCESS ROUTE CROSSES DRIVEWAYS WITH SIGNAL, YIELD OR STOP CONTROL, DETECTABLE WARNING SURFACES SHALL NOT BE PROVIDED AT CROSSINGS OF UNCONTROLLED DRIVEWAY APPROXS.
- SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. IS REQUIRED, THE BORDER SHALL NOT EXCEED 2" ABOVE THE BACK OF CURB EDGE IS TOOLED TO PROVIDE A RADIUS. THE BORDER DIMENSION SHALL BE MEASURED FROM THE INSIDE EDGE OF THE BORDER.
  - THE DETAILS PROVIDED ARE NOT INTEND TO SCALE. THE QUANTITY OF ZONES REPEATED ON THE DETECTABLE WARNING UNIT IS FOR ILLUSTRATION ONLY. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 2'-0" MINIMUM IN THE DIRECTION OF TRAVEL, AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLARED SURFACE, EXCLUDING ANY FLARED SIDES. THE WIDTH OF THE DETECTABLE WARNING FIELD INCLUDES A CONCRETE BORDER, IF PROVIDED.
  - ON SLOPES OF 5% OR GREATER, THE HORN OF DOWNS SHALL BE ADJUSTED TO BE PERPENDICULAR OR RADIAL TO THE LINEAR GRADE BREAK ON THE RAMP RISE. WHERE DOWNS ARE ADJUSTED RADICALLY THEY MAY OCCUR IN SOME DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE ANGLES SPECIFIED OR BREAK ON SLOPES LESS THAN 5%. ZONE ORIENTATION IS LESS CRITICAL AND MAY DIFFER FROM PERPENDICULAR OR RADIAL.
  - THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS. THE MATERIALS OF THE STRIPING ORIENTATIONS, DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT CURB, STREET OR DRIVEWAY OR PEDESTRIAN ACCESS ROUTE SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

**NEW YORK STATE OF OPPORTUNITY** Department of Transportation

U.S. CUSTOMARY STANDARD SHEET

**SIDEWALK AND CURB RAMP DETAILS**  
(SHEET 1 OF 9)

APPROVED MARCH 01, 2016 ISSUED UNDER EB 16-012  
/S/ RICHARD W. LEE, P.E. DEPUTY CHIEF ENGINEER DESIGN 608-01



**NEW YORK STATE OF OPPORTUNITY** Department of Transportation

U.S. CUSTOMARY STANDARD SHEET

**PEDESTRIAN FACILITIES**  
(SHEET 8 OF 12)

APPROVED FEBRUARY 05, 2020 ISSUED UNDER EB 20-005  
/S/ RICHARD W. LEE, P.E. DEPUTY CHIEF ENGINEER DESIGN 608-01

Date: 03/12/2021  
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06/11/2021

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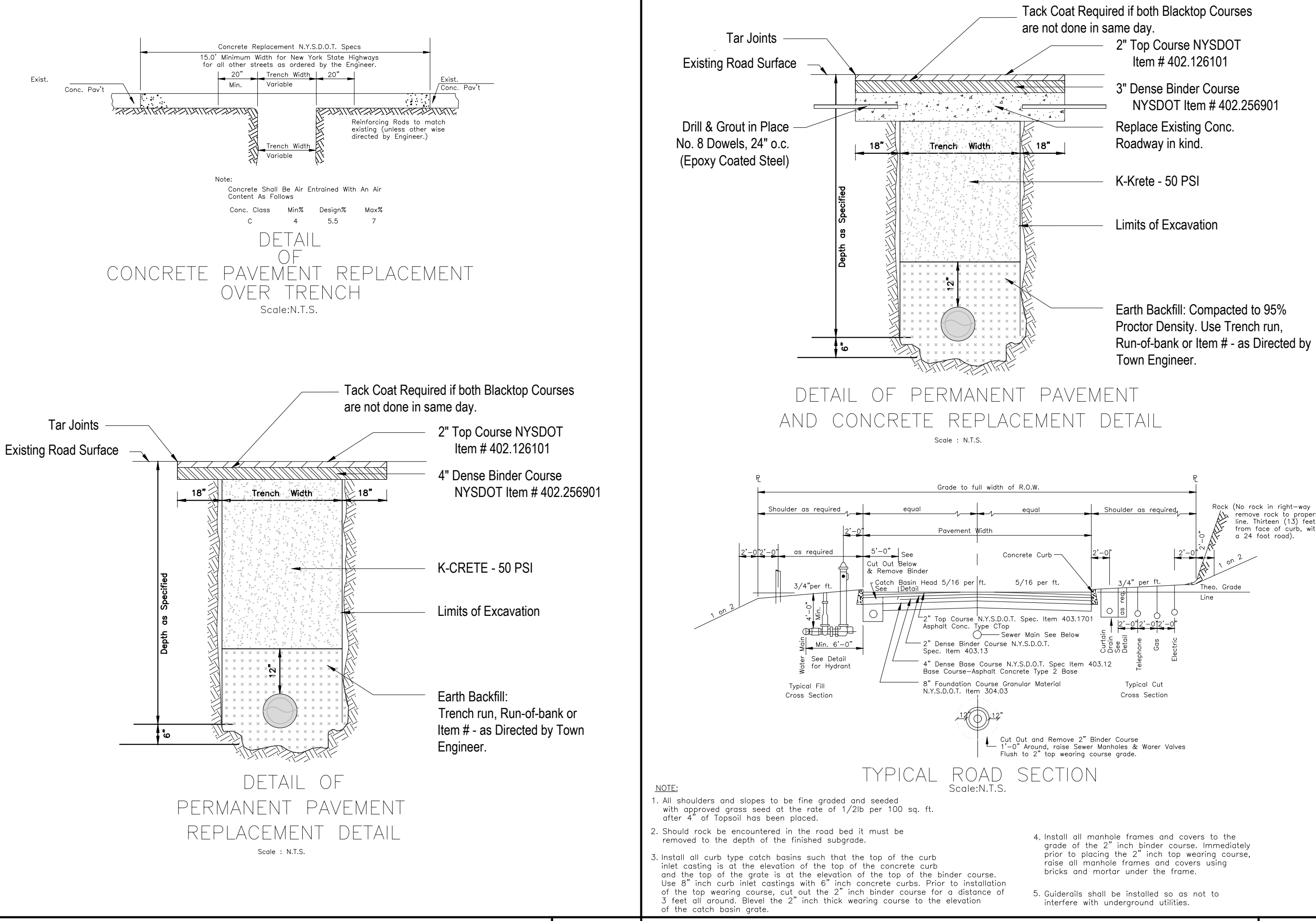
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## NYSDOT SIDEWALK AND CURB RAMP

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## NYSDOT SIDEWALK AND CURB RAMP

15



## PAVEMENT

(TOWN OF MOUNT PLEASANT)

16

## PAVEMENT

(TOWN OF MOUNT PLEASANT)

17

**TABLE NY1-A BARRIER VEHICLE USE REQUIREMENTS (LONG TERM, INTERMEDIATE TERM, AND SHORT TERM STATIONARY CLOSURES)**

CLOSURE TYPE	EXPOSURE CONDITION <sup>1</sup>	USE REQUIREMENTS <sup>4,5</sup>			
		PRECONSTRUCTION POSTED SPEED LIMIT	NON-FREEMAY PRECONSTRUCTION POSTED SPEED LIMIT	TEMPORARY TRAFFIC CONTROL	POSTED SPEED LIMIT
LANE CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>
	NON-TRANSFERABLE HAZARDOUS MATERIALS, EXCAVATION ONLY, NO WORKERS EXPOSED	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>
SHOULDER CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>
	NON-TRANSFERABLE HAZARDOUS MATERIALS, EXCAVATION ONLY, NO WORKERS EXPOSED	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>

**TABLE 61-4 FLARE RATES FOR POSITIVE BARRIER**

TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT
TEMPORARY CONCRETE BARRIER	100, 120, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000
BOX BEAM OR HEAVY POST CONCRETE BEAM	70, 80, 110, 140, 170, 200, 230, 260, 290, 320, 350, 380, 410, 440, 470, 500, 530, 560, 590, 620, 650, 680, 710, 740, 770, 800, 830, 860, 890, 920, 950, 980, 1000

**TABLE NY1-B SHADOW VEHICLE USE REQUIREMENTS (MOBILE CLOSURES)**

CLOSURE TYPE	EXPOSURE CONDITION	USE REQUIREMENTS			
		PRECONSTRUCTION POSTED SPEED LIMIT	NON-FREEMAY PRECONSTRUCTION POSTED SPEED LIMIT	TEMPORARY TRAFFIC CONTROL	POSTED SPEED LIMIT
LANE CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED <sup>3A</sup>	REQUIRED <sup>3A</sup>	REQUIRED <sup>3A</sup>	REQUIRED <sup>3A</sup>
	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED <sup>3A</sup>	REQUIRED <sup>3A</sup>	REQUIRED <sup>3A</sup>	REQUIRED <sup>3A</sup>

**TABLE NY2-A PLACEMENT DISTANCE FOR BARRIER VEHICLES**

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	MINIMUM PLACEMENT DISTANCE (FT)	MAXIMUM PLACEMENT DISTANCE (FT)
≤ 25	100	150
26 - 35	150	200
36 - 45	200	250
46 - 55	250	300
56 - 65	300	350
66 - 75	350	400
76 - 85	400	450
86 - 95	450	500
96 - 105	500	550

**TABLE NY2-B PLACEMENT DISTANCE FOR SHADOW VEHICLES**

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	MINIMUM PLACEMENT DISTANCE (FT)	MAXIMUM PLACEMENT DISTANCE (FT)
≤ 25	100	150
26 - 35	150	200
36 - 45	200	250
46 - 55	250	300
56 - 65	300	350
66 - 75	350	400
76 - 85	400	450
86 - 95	450	500
96 - 105	500	550

**WORK ZONE TRAFFIC CONTROL LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	ARROW PANEL
[Symbol]	ARROW PANEL, CAUTION MODE
[Symbol]	ARROW PANEL, TRAILER OR SUPPORT
[Symbol]	CHANGEABLE MESSAGE SIGN (PMS)
[Symbol]	ONE-LANE, TWO-WAY TRAFFIC TAPER
[Symbol]	CONSTRUCTION TRAIL
[Symbol]	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
[Symbol]	DIRECTION OF TEMPORARY TRAFFIC DETOUR
[Symbol]	FLAGGER
[Symbol]	FLAG TREE
[Symbol]	LUMINAIRE
[Symbol]	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG-TERM PROJECT
[Symbol]	SIGN, TEMPORARY
[Symbol]	TEMPORARY BARRIER
[Symbol]	TEMPORARY BARRIER WITH WARNING LIGHTS
[Symbol]	TRAFFIC OR PEDESTRIAN SIGNAL
[Symbol]	TYPE III BARRELS
[Symbol]	WARNING LIGHTS
[Symbol]	WORK SPACE
[Symbol]	WORK VEHICLE
[Symbol]	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR

**STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION**

U.S. CUSTOMARY STANDARD SHEET

**WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES**

APPROVED SEPTEMBER 18, 2008 ISSUED UNDER EB 08-036  
/S/ DAVID J. CLEMENTS, P.E. DEPUTY CHIEF ENGINEER DESIGN 619-11

EFFECTIVE DATE: 01/08/09

## WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES

18

**JMC CONSTRUCTION DETAILS**

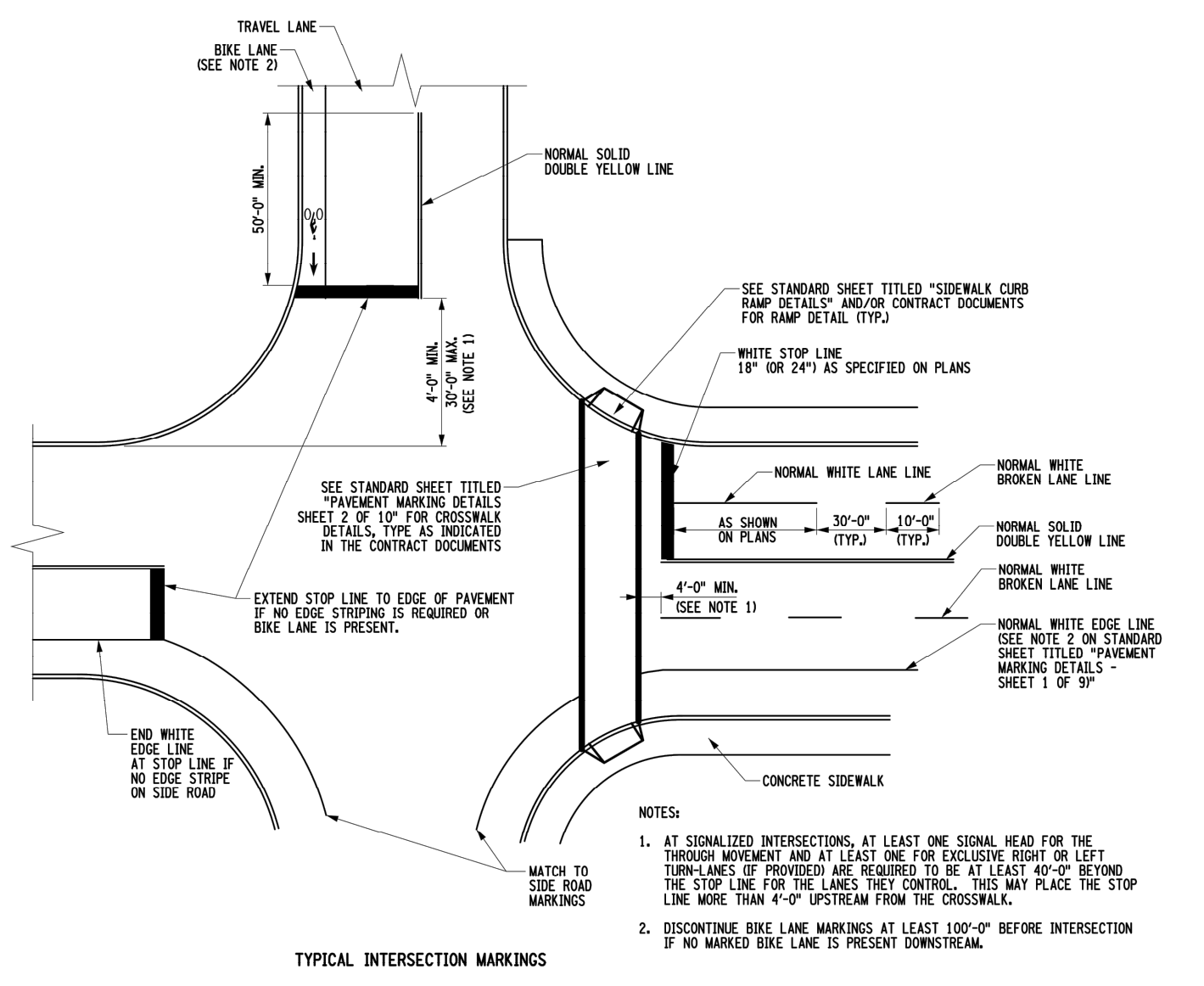
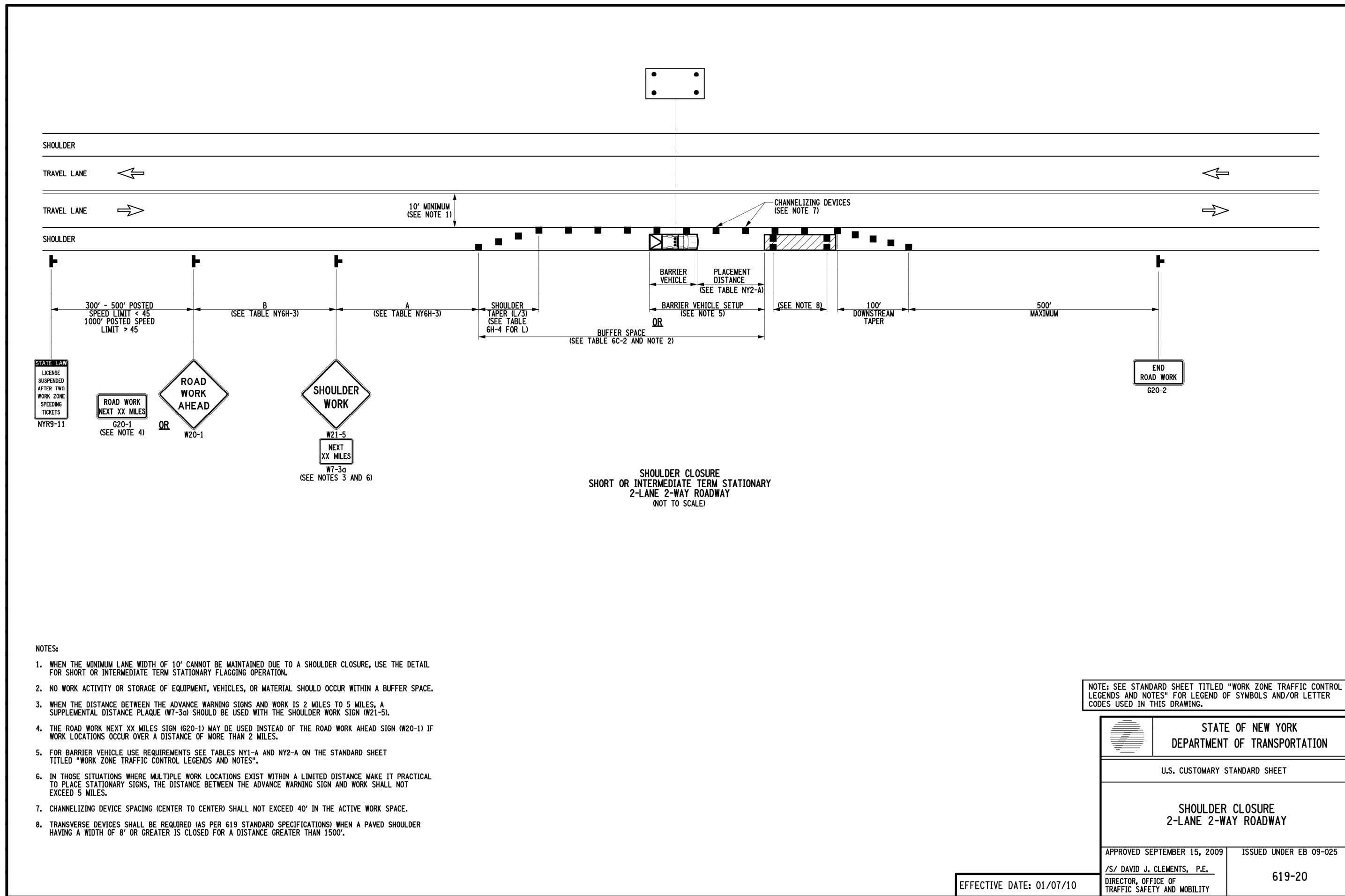
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SHOULDER CLOSURE 2-LANE 2-WAY ROADWAY

19

PAVEMENT MARKINGS

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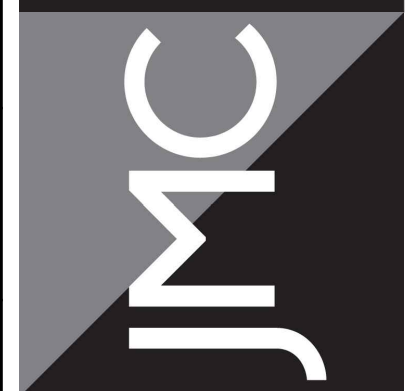
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