

PROPOSED SITE PLAN DOCUMENTS

FOR
CARMAX AUTO SUPERSTORES, INC.
PROPOSED

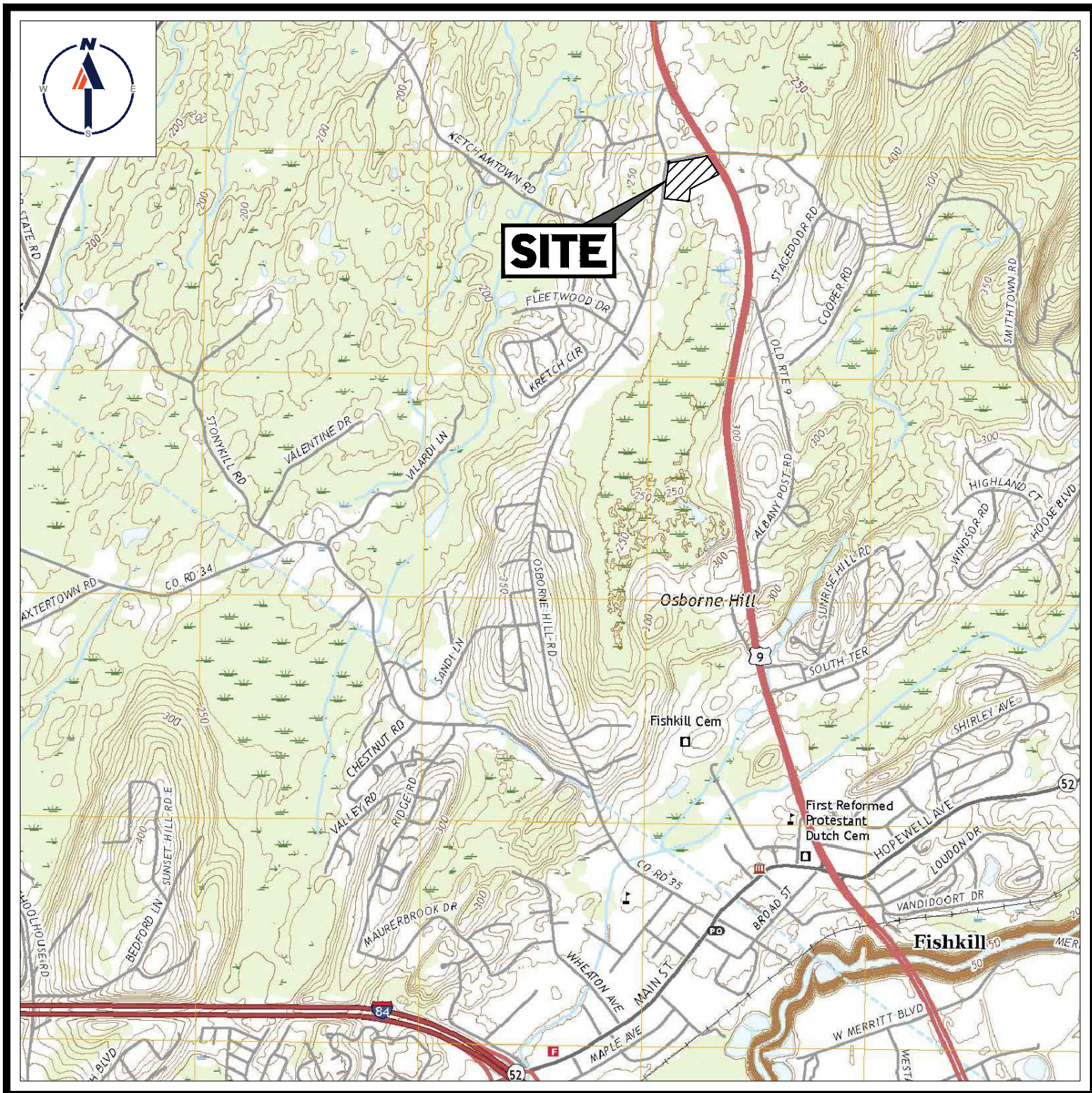
CARmax

LOCATION OF SITE:
1105-1115 ROUTE 9
TOWN OF WAPPINGER
DUTCHESS COUNTY, NY

SEC. 6156-02 PARCEL 664986

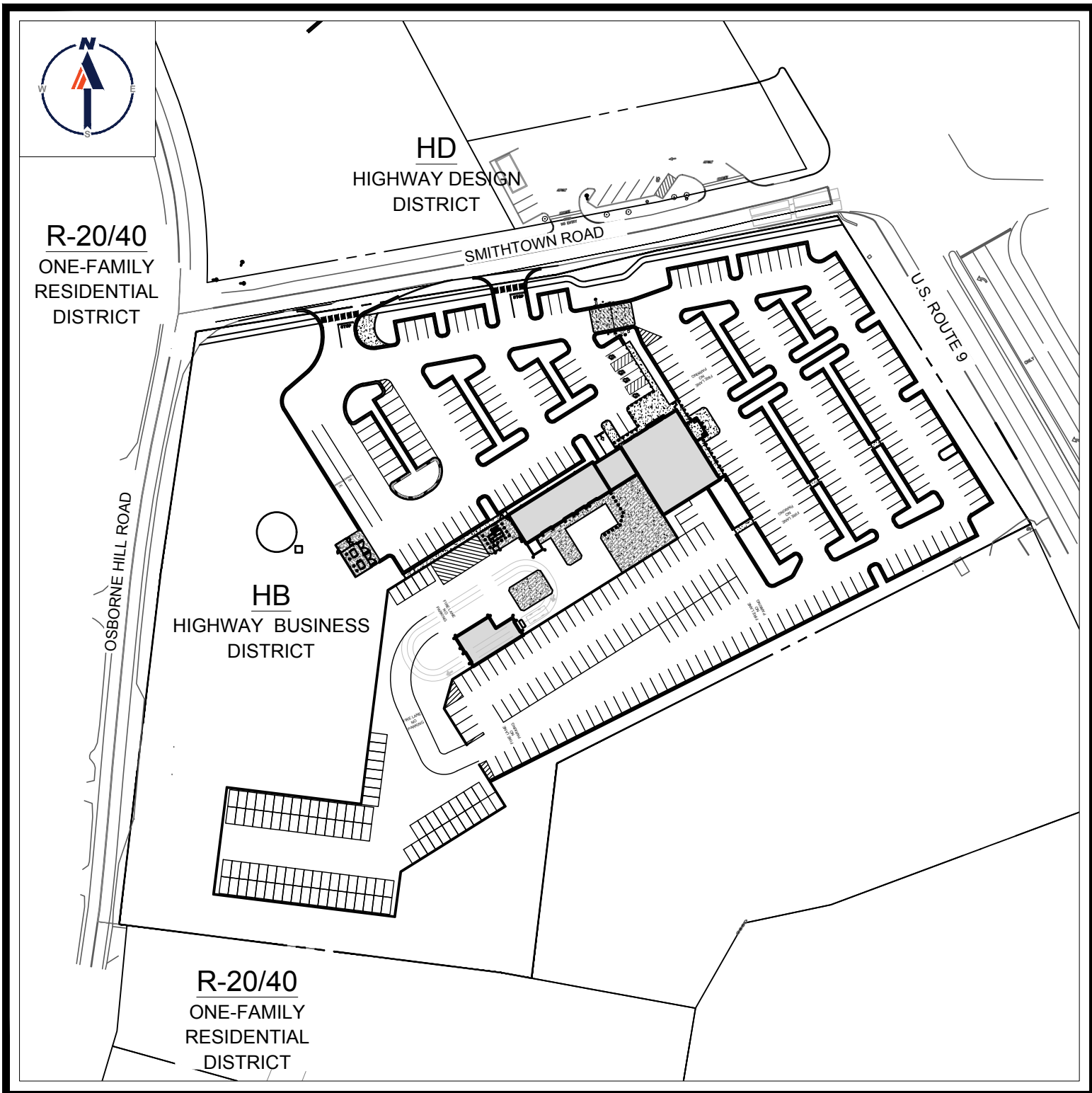
ADJACENT PROPERTY OWNERS LIST

PARCEL	OWNER
644025	LOU PAGOIOTTA, TRUSTEE 11 JUNIPER HILL RD GARRISON, NY 10524
602945	RONALD EVANS 44 OSBORNE HILL RD FISHKILL, NY 12524
602956	JOHN F. LORENZINI 42 OSBORNE HILL RD FISHKILL, NY 12524
605989	BIRCH DUTCHESS PARK LLC 110 SIDNEY CT YORKTOWN HEIGHTS, NY 10598
671026	MYLES P DEMPSEY SR FAMILY LLC 50 MILL PLAIN RD DANBURY, CT 06811
608941	MICHAEL SPIDALIERI 51 OSBORNE HILL RD FISHKILL, NY 12524
690971	HERBERT H. REDL 80 WASHINGTON ST STE 100 POUGHKEEPSIE, NY 12601
620010	MIGUEL A. DELACRUZ 28 OSBORNE HILL RD WAPPINGERS FALLS, NY 12590
600977	THOMAS PETTIT 38 OSBORNE HILL RD WAPPINGERS FALLS, NY 12590
613999	BIRCH DUTCHESS PARK LLC 110 SIDNEY CT YORKTOWN HEIGHTS, NY 10598
596969	BARRINGTON L BENNETT 2041 HOLLAND AVE APT 325 BRONX, NY 10467
730008	1106 PROPERTY LLC 33 WOMER RD WAPPINGERS FALLS, NY 12590
708045	JAI K. JINAJ 9 PETER DR WAPPINGERS FALLS, NY 12590



USGS MAP

SCALE: 1" = 2,000'
SOURCE: USGS WAPPINGER
FALLS QUADRANGLE



AREA PLAN

SCALE: 1" = 120'

PREPARED BY

BOHLER //

APPROVAL BLOCK

DUTCHESS COUNTY DEPARTMENT OF HEALTH		DATE
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FUEL STORAGE TANK SUMP INSTALLATION DETAILS (BY OTHERS)	FS2.1
FUEL STORAGE SYSTEM MISC. DETAILS (BY OTHERS)	FS3.0
FUEL DISPENSER INSTALLATION DETAILS (BY OTHERS)	FS4.0
AUTOMATIC TANK GAUGE SCHEMATIC AND NOTES (BY OTHERS)	FS5.0



AREA MAP

SCALE: 1" = 200'

BOHLER //
SITE CIVIL AND CONSULTING ENGINEERING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES

REVISIONS

REV	DATE	COMMENT	DRAWN BY
8	5/16/2022	PER TDE COMMENTS	MDL
9	8/05/2022	PER TOWN COMMENTS	SWG
10	9/30/2022	PER TOWN COMMENTS	MDL
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16	07/14/2023	PER TOWN COMMENT	JRS



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PRELIMINARY

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PROJECT No.: B210118
DRAWN BY: MDL
CHECKED BY: RWO
DATE: 09/01/2021
CAD ID: B210118SS00

PROJECT:

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FOR

CARMAX AUTO
SUPERSTORES,
INC.

PROPOSED
DEVELOPMENT

SEC. 6156-02- PARCEL 664986
1105-1115 ROUTE 9
TOWN OF WAPPINGER
DUTCHESS COUNTY,
NEW YORK

BOHLER //

17 COMPUTER DRIVE WEST
ALBANY, NY 12205
Phone: (518) 438-9900
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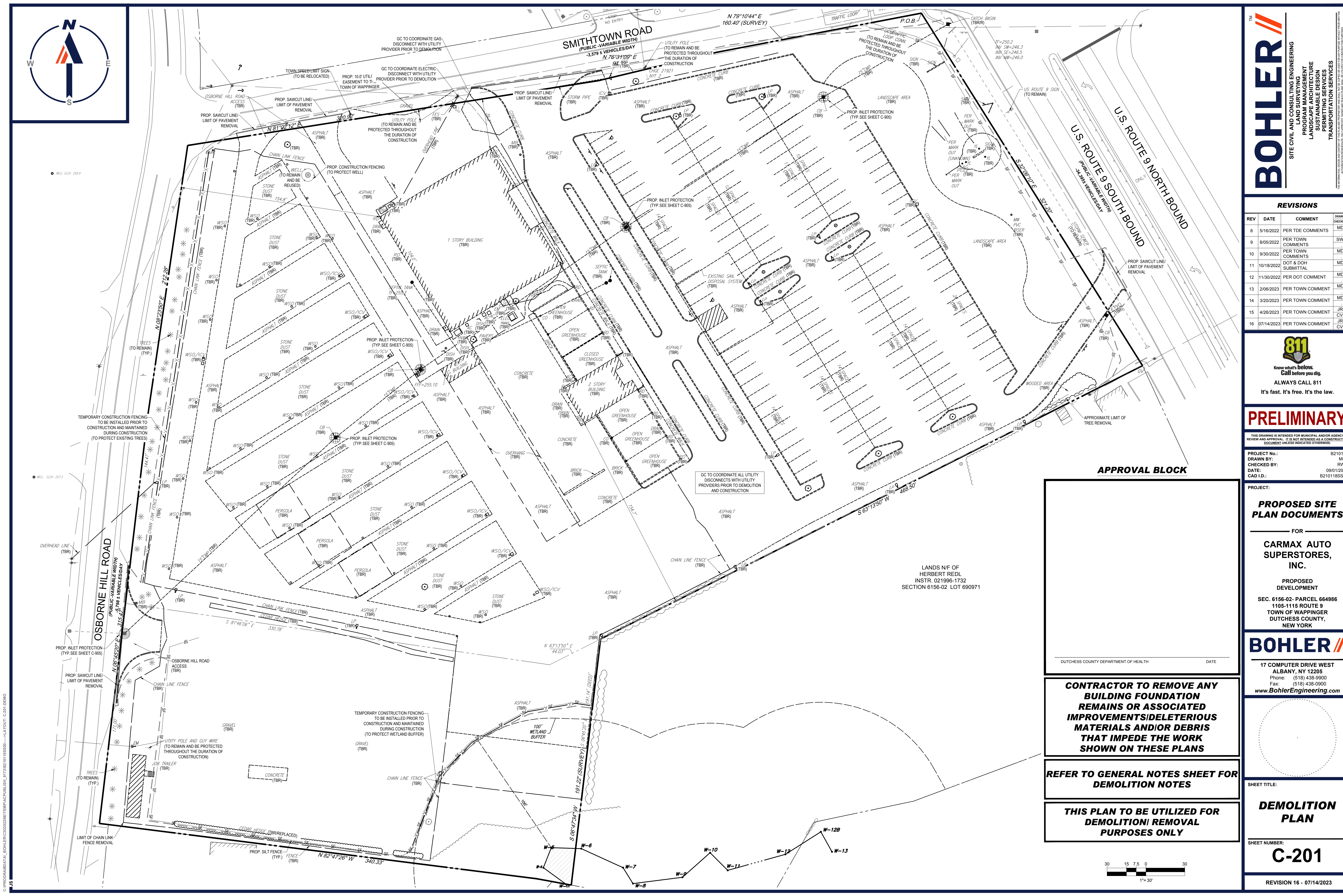
SHEET TITLE:

**COVER
SHEET**

SHEET NUMBER:

C-101

REVISION 16 - 07/14/2023



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SITE CIVIL AND CONSULTING ENGINEERING
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SHEET TITLE:

DEMOLITION
PLAN

SHEET NUMBER:

C-201

REVISION 16 - 07/14/2023

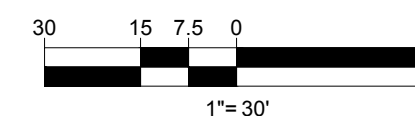
DUTCHESS COUNTY DEPARTMENT OF HEALTH

DATE

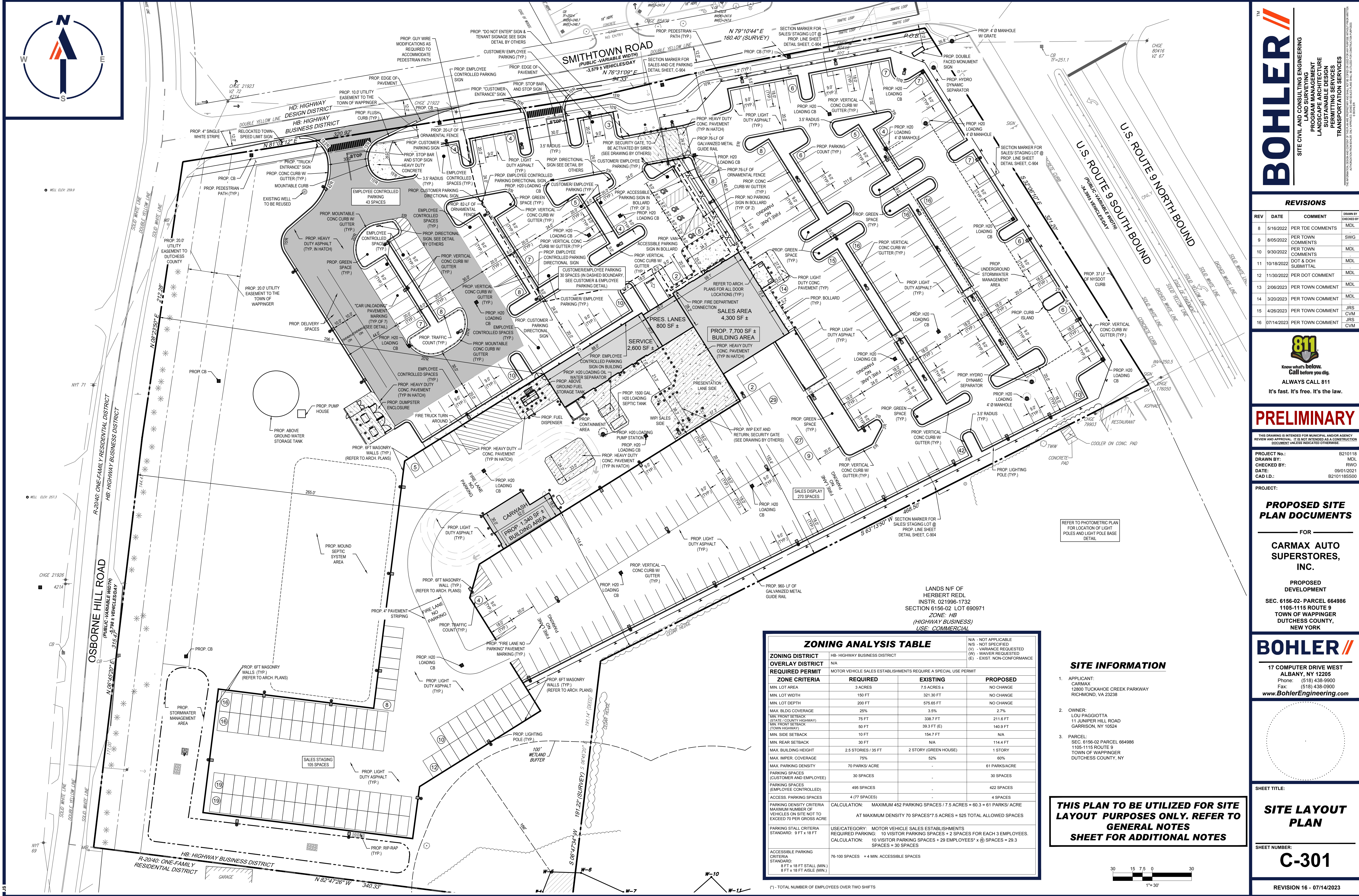
CONTRACTOR TO REMOVE ANY
BUILDING FOUNDATION
REMAINS OR ASSOCIATED
IMPROVEMENTS/DELETERIOUS
MATERIALS AND/OR DEBRIS
THAT IMPEDE THE WORK
SHOWN ON THESE PLANS

REFER TO GENERAL NOTES SHEET FOR
DEMOLITION NOTES

THIS PLAN TO BE UTILIZED FOR
DEMOLITION/ REMOVAL
PURPOSES ONLY



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NEW YORK

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ALBANY, NY 12205
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SHEET TITLE:

SITE LAYOUT PLAN

SHEET NUMBER:

C-301

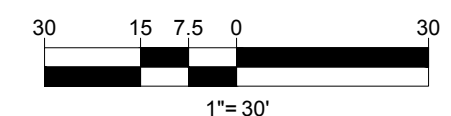
REVISION 16 - 07/14/2023

ZONING ANALYSIS TABLE			
ZONING DISTRICT	HB-HIGHWAY BUSINESS DISTRICT		
OVERLAY DISTRICT	N/A		
REQUIRED PERMIT	MOTOR VEHICLE SALES ESTABLISHMENTS REQUIRING A SPECIAL USE PERMIT		
ZONE CRITERIA	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	3 ACRES	7.5 ACRES ±	NO CHANGE
MIN. LOT WIDTH	150 FT	321.30 FT	NO CHANGE
MIN. LOT DEPTH	200 FT	575.65 FT	NO CHANGE
MAX. BLDG COVERAGE	25%	3.5%	2.7%
MIN. FRONT SETBACK (STATE/COUNTY HIGHWAY)	75 FT	338.7 FT	211.6 FT
MIN. FRONT SETBACK (TOWN HIGHWAY)	50 FT	39.3 FT (E)	140.9 FT
MIN. SIDE SETBACK	10 FT	154.7 FT	N/A
MIN. REAR SETBACK	30 FT	N/A	114.4 FT
MAX. BUILDING HEIGHT	2.5 STORIES / 35 FT	2 STORY (GREEN HOUSE)	1 STORY
MAX. IMPER. COVERAGE	75%	52%	60%
MAX. PARKING DENSITY	70 PARKS/ ACRE	-	61 PARKS/ACRE
PARKING SPACES (CUSTOMER AND EMPLOYEE)	30 SPACES	-	30 SPACES
PARKING SPACES (EMPLOYEE CONTROLLED)	495 SPACES	-	422 SPACES
ACCESS. PARKING SPACES	4 (77 SPACES)	-	4 SPACES
PARKING DENSITY CRITERIA	CALCULATION: MAXIMUM 452 PARKING SPACES / 7.5 ACRES = 60.3 = 61 PARKS/ ACRE		
MAXIMUM NUMBER OF VEHICLES ON SITE NOT TO EXCEED 70 PER GROSS ACRE	AT MAXIMUM DENSITY 70 SPACES/7.5 ACRES = 525 TOTAL ALLOWED SPACES		
PARKING STALL CRITERIA	USE/CATEGORY: MOTOR VEHICLE SALES ESTABLISHMENTS		
STANDARD: 9 FT x 18 FT	REQUIRED PARKING: 10 VISITOR PARKING SPACES + 2 SPACES FOR EACH 3 EMPLOYEES.		
	CALCULATION: 10 VISITOR PARKING SPACES + 29 EMPLOYEES* x (6) SPACES = 29.3 SPACES = 30 SPACES		
ACCESSIBLE PARKING CRITERIA	76-100 SPACES = 4 MIN. ACCESSIBLE SPACES		
STANDARD: 8 FT x 18 FT STALL (MIN.)			
8 FT x 18 FT AISLE (MIN.)			

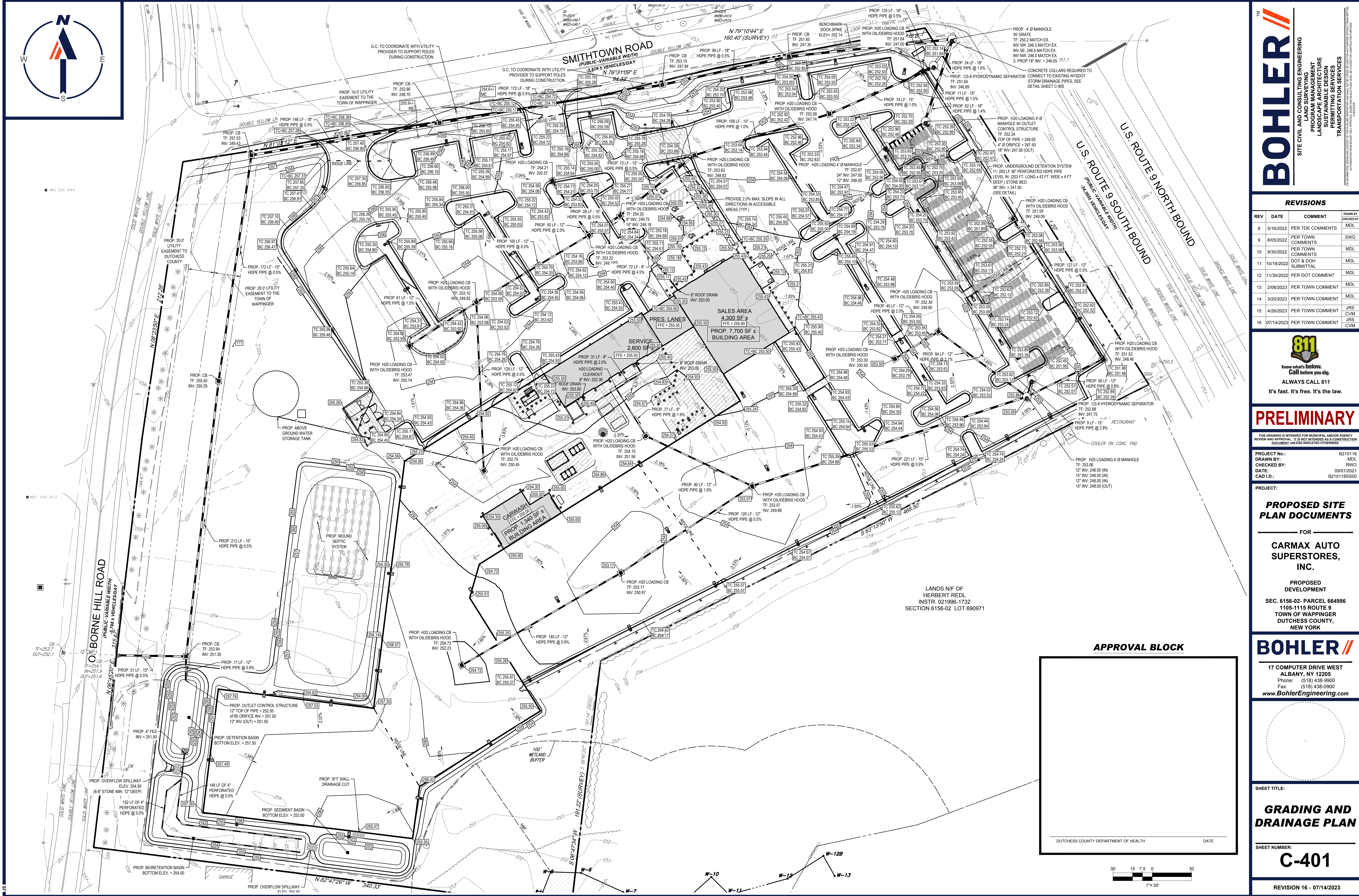
SITE INFORMATION

- APPLICANT: CARMAX
12800 TUCKAHOE CREEK PARKWAY
RICHMOND, VA 23238
- OWNER: LOU PAGGIOTTA
11 JUNIPER HILL ROAD
GARRISON, NY 10524
- PARCEL: SEC. 6156-02 PARCEL 664986
1105-1115 ROUTE 9
TOWN OF WAPPINGER
DUTCHESS COUNTY, NY

THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES



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SITE CIVIL AND CONSULTING ENGINEERING
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SHEET TITLE:

GRADING AND DRAINAGE PLAN

SHEET NUMBER:

C-401

REVISION 16 - 07/14/2023

APPROVAL BLOCK

DUTCHESS COUNTY DEPARTMENT OF HEALTH

DATE

30 15 7.5 0 30

1"= 30'

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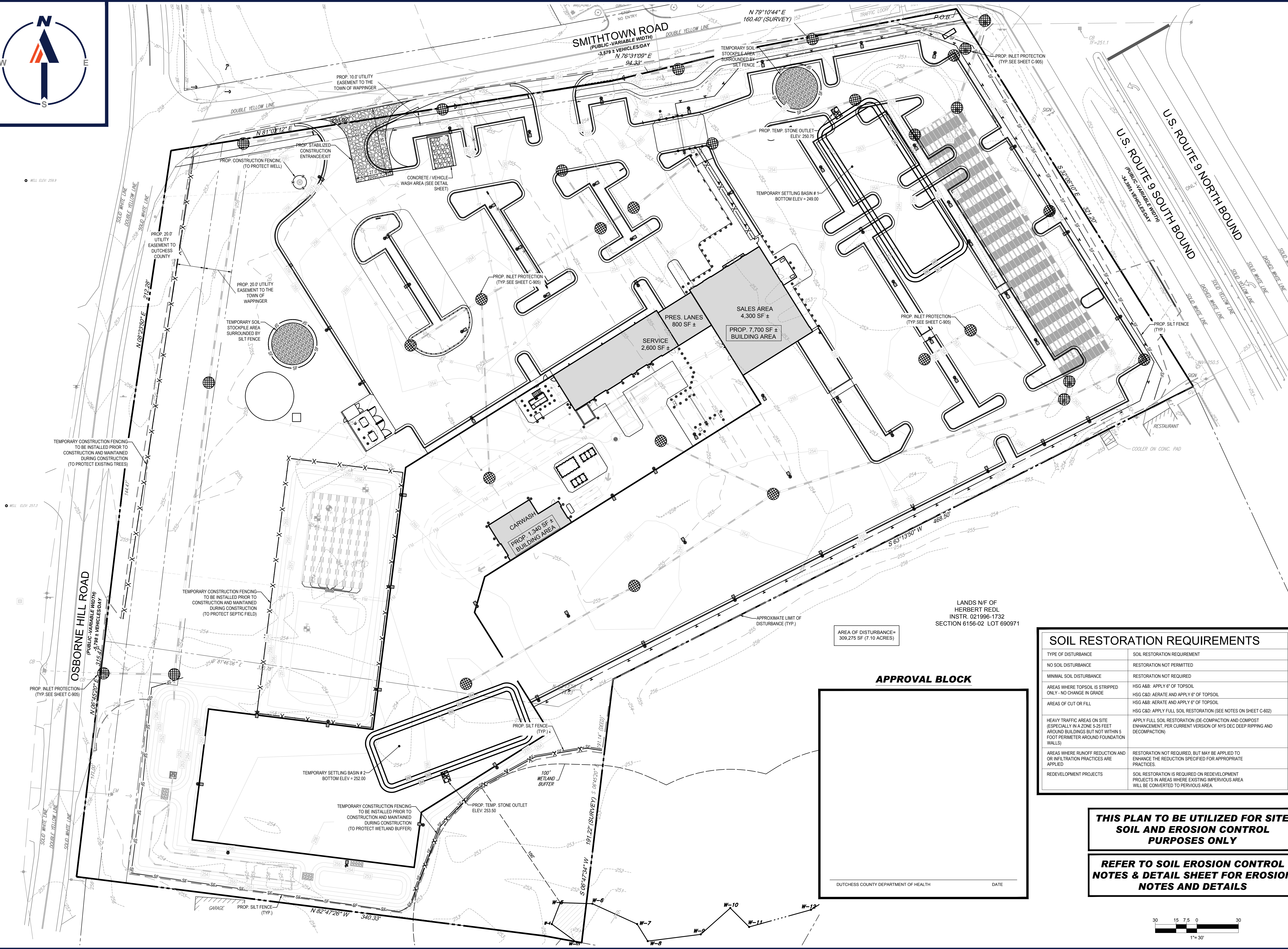


WELL ELEV. 229.9

WELL ELEV. 257.3

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JS



LANDS N/F OF
HERBERT REDL
INSTR. 021998-1732
SECTION 6156-02 LOT 690971

AREA OF DISTURBANCE =
309,275 SF (7.10 ACRES)

APPROVAL BLOCK

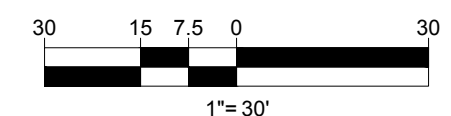
DUTCHESS COUNTY DEPARTMENT OF HEALTH	
DATE	

SOIL RESTORATION REQUIREMENTS

TYPE OF DISTURBANCE	SOIL RESTORATION REQUIREMENT
NO SOIL DISTURBANCE	RESTORATION NOT PERMITTED
MINIMAL SOIL DISTURBANCE	RESTORATION NOT REQUIRED
AREAS WHERE TOPSOIL IS STRIPPED ONLY - NO CHANGE IN GRADE	HSG A&B: APPLY 6" OF TOPSOIL HSG C&D: AERATE AND APPLY 6" OF TOPSOIL
AREAS OF CUT OR FILL	HSG A&B: AERATE AND APPLY 6" OF TOPSOIL HSG C&D: APPLY FULL SOIL RESTORATION (SEE NOTES ON SHEET C-602)
HEAVY TRAFFIC AREAS ON SITE (ESPECIALLY IN A ZONE 5-25 FEET AROUND BUILDINGS BUT NOT WITHIN 5 FOOT PERIMETER AROUND FOUNDATION WALLS)	APPLY FULL SOIL RESTORATION (DE-COMPACTION AND COMPOST ENHANCEMENT, PER CURRENT VERSION OF NYS DEC DEEP RIPPING AND DECOMPACTION)
AREAS WHERE RUNOFF REDUCTION AND OR INFILTRATION PRACTICES ARE APPLIED	RESTORATION NOT REQUIRED, BUT MAY BE APPLIED TO ENHANCE THE REDUCTION SPECIFIED FOR APPROPRIATE PRACTICES.
REDEVELOPMENT PROJECTS	SOIL RESTORATION IS REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING IMPERVIOUS AREA WILL BE CONVERTED TO PERVIOUS AREA.

**THIS PLAN TO BE UTILIZED FOR SITE
SOIL AND EROSION CONTROL
PURPOSES ONLY**

**REFER TO SOIL EROSION CONTROL
NOTES & DETAIL SHEET FOR EROSION
NOTES AND DETAILS**



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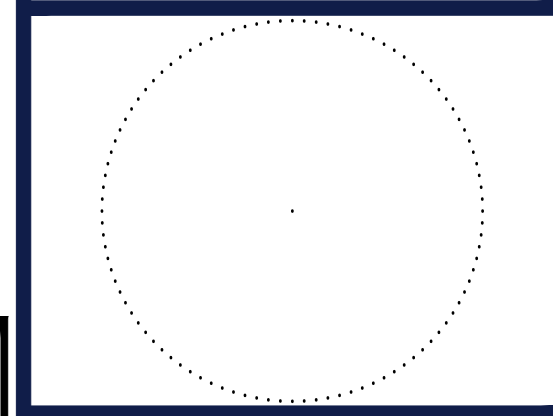
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SHEET TITLE:
**SOIL EROSION &
SEDIMENT
CONTROL PLAN**

SHEET NUMBER:
C-601

REVISION 16 - 07/14/2023

EROSION AND SEDIMENT CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND EROSION CONTROL MANUAL.
2. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. IF THE DISTURBANCE IS WITHIN 100 FEET OF A STREAM OR POND, THE AREA SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO ANY STORM EVENT (THIS WOULD INCLUDE WETLANDS).
3. SEDIMENT BARRIERS (SILT FENCE, STRAW BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
4. INSTALL SILTATION BARRIER AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF. SEE SILTATION BARRIER DETAILS FOR PROPER INSTALLATION. SILTATION BARRIER WILL REMAIN IN PLACE PER NOTE #5.
5. ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSITION. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY TURF.
6. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2:1).
7. IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.
8. TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS.
9. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO THE SITE AND REGRADED ONTO OPEN AREAS.
10. REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS FOLLOWS:

10.1. SIX INCHES OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE.

10.2. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF USING 10-20-20 OR EQUIVALENT. APPLY GROUND LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE (138 LB PER 1,000 SF).

10.3. FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEEDED TO A MIXTURE OF 47% CREEPING RED FESCUE, 5% REDTOP, AND 48% TALL FESCUE. THE LAWN AREAS WILL BE SEEDED TO A PREMIUM TURF MIXTURE OF 44% KENTUCKY BLUE-GRASS, 44% CREEPING RED FESCUE, AND 12% PERENNIAL RYEGRASS. SEEDING RATE IS 1.03 LBS PER 1,000 SF LAWN QUALITY SOO MAY BE SUBSTITUTED FOR SEED.
- 10.4. STRAW MULCH AT THE RATE OF 70-90 LBS PER 1,000 SF. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS WILL BE USED ON STRAW MULCH FOR WIND CONTROL.
11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED.
12. WETLANDS WILL BE PROTECTED W/ STRAW, COMPOST, AND/OR SILT FENCE BARRIERS INSTALLED AT THE EDGE OF THE WETLAND OR THE BOUNDARY OF WETLAND DISTURBANCE.
13. ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN 7 DAYS.
14. ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES PRIOR TO EACH STORM IF NOT BEING ACTIVELY WORKED.

MULCH		
LOCATION	MULCH	RATE (1000 SF)
PROTECT AREA	STRAW	100 POUNDS
WINDY AREA	SHREDDED OR CHOPPED CORNSTALKS	185-275 POUNDS
	STRAW (ANCHORED)*	100 POUNDS
MODERATE TO HIGH VELOCITY AREAS OR STEEP SLOPES GREATER THAN 3:1	JUTE MESH OR EXCELSIOR MAT	AS REQUIRED
GREATER THAN 3:1	(REFER TO GEOTECHNICAL REPORT FOR FINAL DESIGN REQUIREMENT)	

* A HYDRO-APPLICATION OF WOOD, OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS SHALL BE USED ON STRAW MULCH FOR WIND CONTROL.

MULCH ANCHORING
ANCHOR MULCH WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (AS PER MANUFACTURER); WOOD CELLULOSE FIBER (750 LBS/ACRE); CHEMICAL TACK (AS PER MANUFACTURER'S SPECIFICATIONS); USE OF A SERRATED STRAIGHT DISK. WETTING FOR SMALL AREAS AND ROAD DITCHES MAY BE PERMITTED.

EROSION CONTROL NOTES DURING WINTER CONSTRUCTION

1. WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15.
2. WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.
3. EXPOSED AREA SHOULD BE LIMITED TO THAT WHICH CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.
4. CONTINUATION OF EARTHWORK OPERATION ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.
5. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR STRAW AT A RATE OF 100 LB. PER 1,000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEEDED, MULCHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE.
6. BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 - 300% HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. IF CONSTRUCTION CONTINUES DURING FREEZING WEATHER, ALL EXPOSED AREAS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF STRAW OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.
7. MULCHING REQUIREMENTS:

7.1. BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING OR WOOD CELLULOSE FIBER.

7.2. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPE EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%.

7.3. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
8. AFTER NOVEMBER 1ST THE CONTRACTOR SHALL APPLY DORMANT SEEDING OR MULCH AND ANCHORING ON ALL BARE EARTH AT THE END OF EACH WORKING DAY.
9. DURING THE WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM AREAS OF SEEDING AND MULCHING PRIOR TO PLACEMENT.
10. STOCKPILING OF MATERIALS (DIRT, WOOD, CONSTRUCTION MATERIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE ANY DUST PROBLEMS THAT MAY OCCUR WITH ADJACENT PROPERTIES AND TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION RUNOFF.
11. EXISTING CATCH BASIN STRUCTURES SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE REMOVED.

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)

CONSTRUCTION SEQUENCE

THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:

- INSTALLATION OF EROSION CONTROL BARRIER (SILT FENCE) (AS SHOWN)
- INSTALLATION OF INLET PROTECTION OFF SITE (AS SHOWN)
- DEMOLITION OF EXISTING SITE PAVEMENT AND AMENITIES (SEE DEMOLITION PLAN)
- EARTHWORK AND EXCAVATION/FILLING AS NECESSARY
- CONSTRUCTION OF UTILITIES
- STABILIZE PERMANENT LAWN AREAS AND SLOPES WITH TEMPORARY SEEDING
- INSTALLATION OF INLET PROTECTION OF ON-SITE UTILITIES (AS SHOWN)
- CONSTRUCTION OF BUILDING
- CONSTRUCTION OF ALL CURBING AND LANDSCAPE ISLANDS AS INDICATED ON THE PLANS
- SPREAD TOPSOIL ON SLOPED AREAS AND SEED AND MULCH
- FINAL GRADING OF ALL SLOPED AREAS
- PLACE 6" TOPSOIL ON SLOPES AFTER FINAL GRADING COMPLETED. FERTILIZE, SEED, AND MULCH SEED MIXTURE TO BE INSTALLED AS REQUIRED.
- PAVE PARKING LOT
- LANDSCAPING PER LANDSCAPING PLAN
- REMOVE EROSION CONTROLS AS DISTURBED AREAS BECOME STABILIZED TO 80% STABILIZATION OR GREATER.

SOIL RESTORATION NOTES:

SOIL RESTORATION PROCEDURE, PER NYSDEC "BLUE BOOK":

- DURING PERIODS OF RELATIVELY LOW TO MODERATE SUBSOIL MOISTURE, THE DISTURBED SUBSOILS ARE RETURNED TO ROUGH GRADE AND THE FOLLOWING SOIL RESTORATION STEPS APPLIED:
1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL
2. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS
3. ROCK-PICK UNTIL UPLIFTED STONEROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE
4. APPLY TOPSOIL TO A DEPTH OF 6 INCHES
5. VEGETATE AS REQUIRED BY APPROVED PLAN.

AT THE END OF THE PROJECT AN INSPECTOR SHOULD BE ABLE TO PUSH A 3/8" METAL BAR 12 INCHES INTO THE SOIL, JUST WITH BODY WEIGHT. TILLING (STEP 2 ABOVE) SHOULD NOT BE PERFORMED WITHIN THE DRIP LINE OF ANY EXISTING TREES OR OVER UTILITY INSTALLATIONS THAT ARE WITHIN 24 INCHES OF THE SURFACE.

COMPOST SPECIFICATIONS:

COMPOST SHALL BE AGED, FROM PLANT DERIVED MATERIALS, FREE OF VIABLE WEED SEEDS, HAVE NO VISIBLE FREE WATER OR DUST PRODUCED WHEN HANDLING, PASS THROUGH A HALF INCH SCREEN AND HAVE A PH SUITABLE TO GROW DESIRED PLANTS WITH NO OBJECTIONABLE ODORS.

MAINTENANCE:

A SIMPLE MAINTENANCE AGREEMENT SHOULD IDENTIFY WHERE SOIL RESTORATION IS APPLIED, WHERE NEWLY RESTORED AREAS ARE/CANNOT BE CLEARED, WHO THE RESPONSIBLE PARTIES ARE TO ENSURE THAT ROUTINE VEGETATION IMPROVEMENTS ARE MADE (I.E., THINNING, INVASIVE PLANT REMOVAL, ETC.). SOIL COMPOST AMENDMENTS WITHIN A FILTER STRIP OR GRASS CHANNEL SHOULD BE LOCATED IN PUBLIC RIGHT-OF-WAY, OR WITHIN A DEDICATED STORMWATER OR DRAINAGE EASEMENT.

FIRST YEAR MAINTENANCE OPERATIONS INCLUDES:

- INITIAL INSPECTIONS FOR THE FIRST SIX MONTHS (ONCE AFTER EACH STORM GREATER THAN HALF-INCH)
- RESEEDING TO REPAIR BARE OR ERODING AREAS TO ASSURE GRASS STABILIZATION
- WATER ONCE EVERY THREE DAYS FOR FIRST MONTH, AND THEN PROVIDE A HALF INCH OF WATER PER WEEK DURING FIRST YEAR. IRRIGATION PLAN MAY BE ADJUSTED ACCORDING TO THE RAIN EVENT.
- FERTILIZATION MAY BE NEEDED IN THE FALL AFTER THE FIRST GROWING SEASON TO INCREASE PLANT VIGOR.

ONGOING MAINTENANCE:

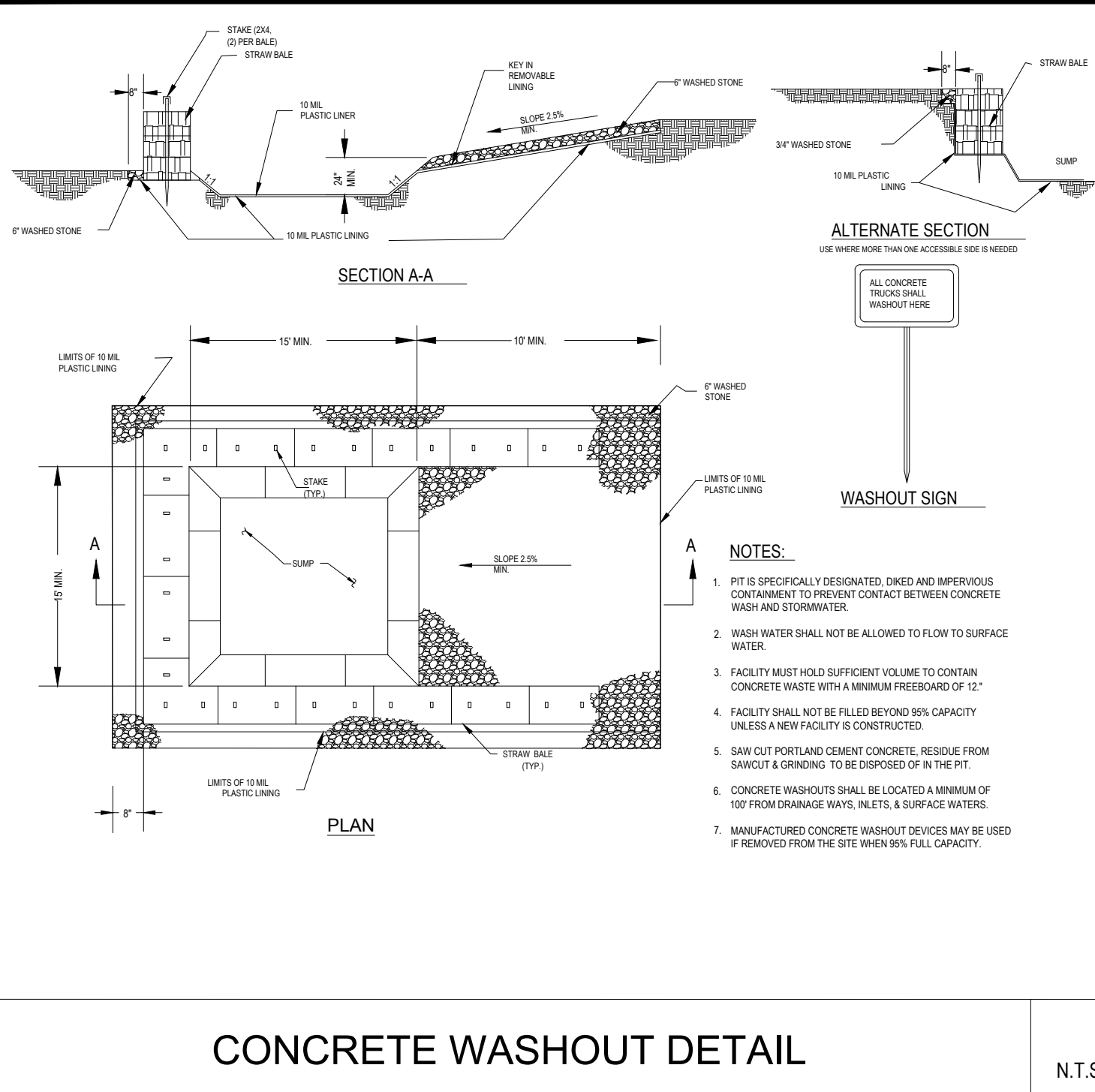
TWO POINTS HELP ENSURE LASTING RESULTS OF DECOMPOSITION:

1. PLANTING THE APPROPRIATE GROUND COVER WITH DEEP ROOTS TO MAINTAIN SOIL STRUCTURE.
2. KEEPING THE SITE FREE OF VEHICULAR AND FOOT TRAFFIC OR OTHER WEIGHT LOADS. CONSIDER PEDESTRIAN FOOTPATHS. (SOMETIMES IT MAY BE NECESSARY TO DE-THATCH THE TURF EVERY FEW YEARS).

APPROVAL BLOCK

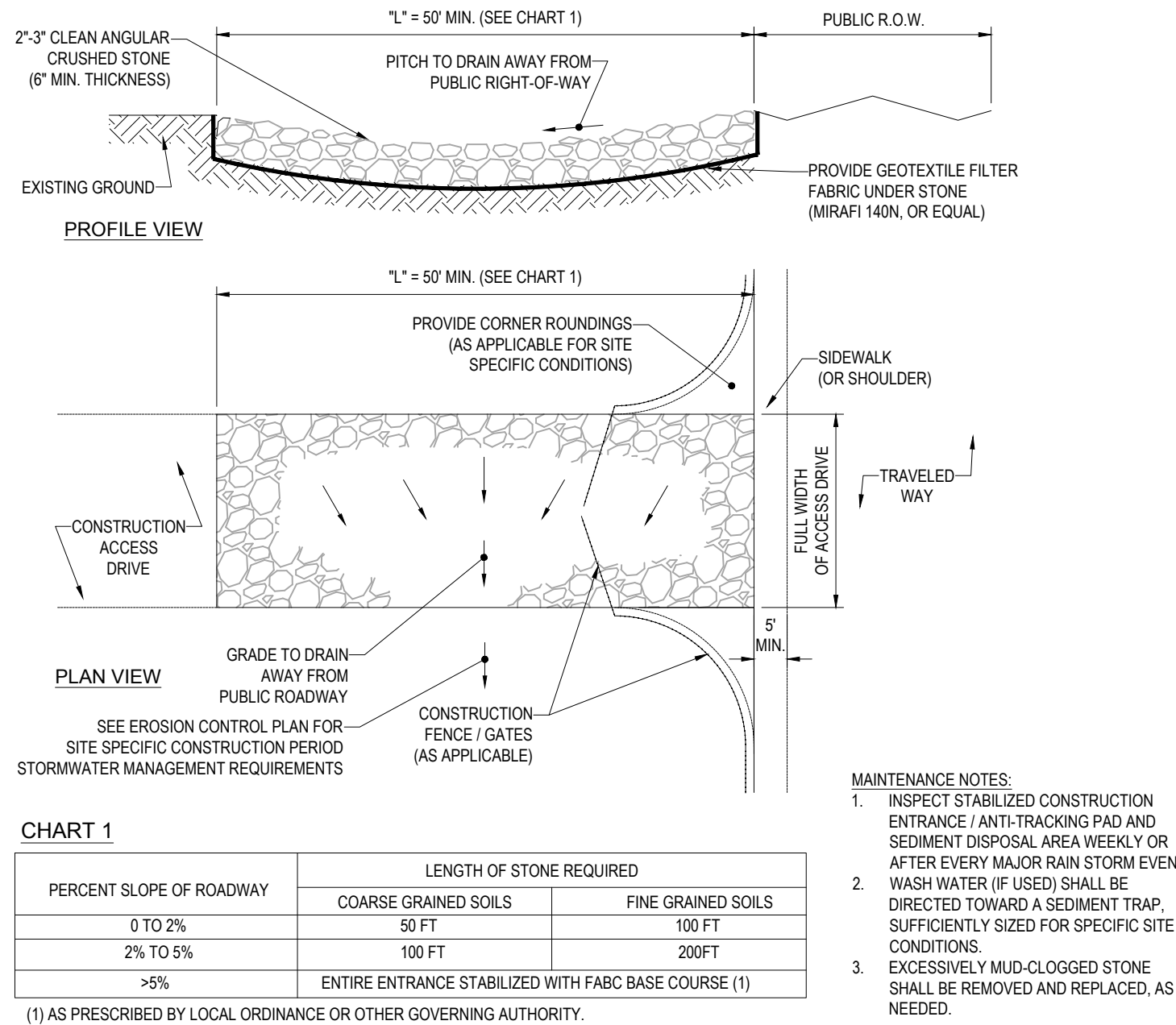
DUTCHESS COUNTY DEPARTMENT OF HEALTH

DATE



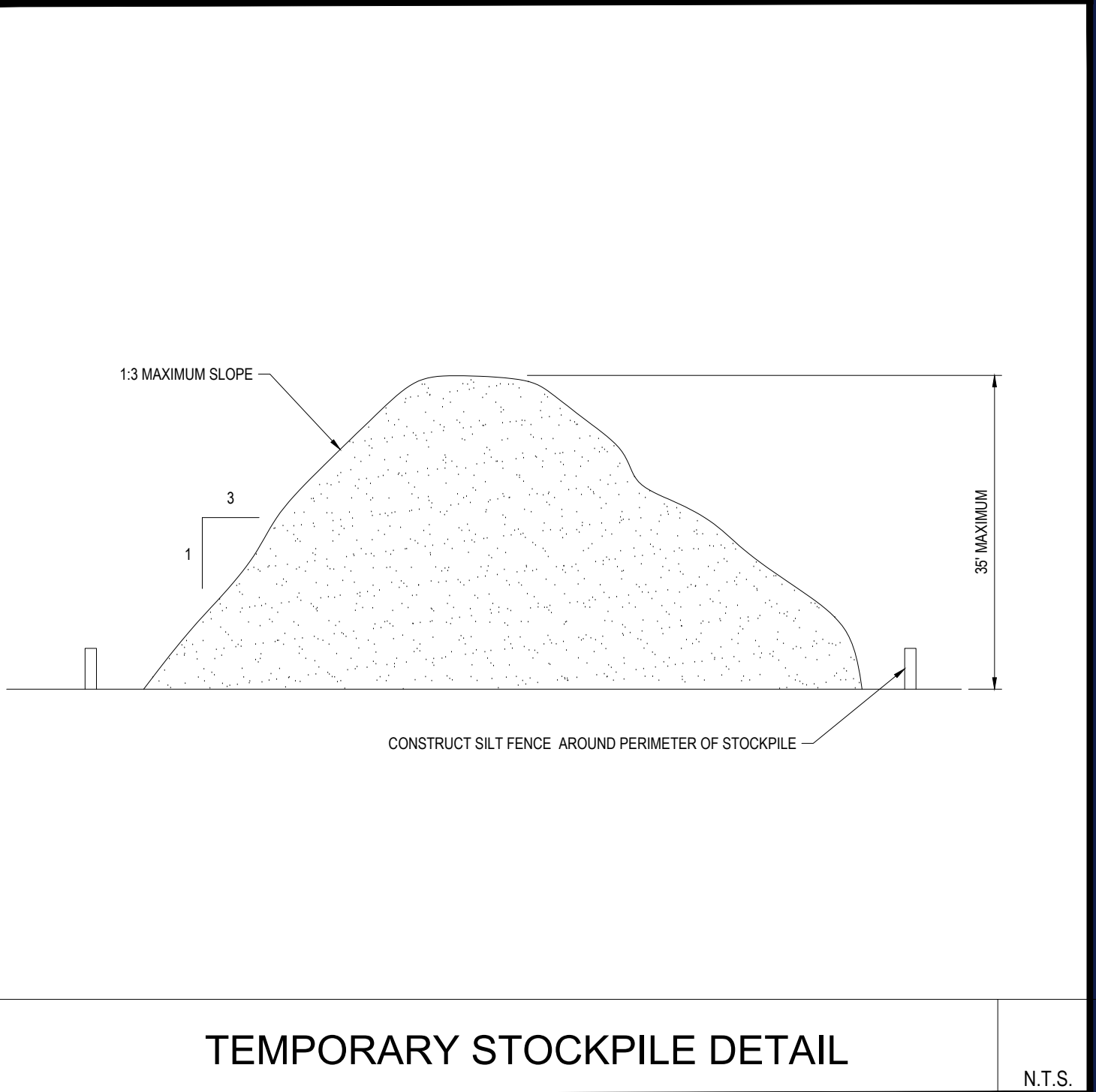
CONCRETE WASHOUT DETAIL

N.T.S.



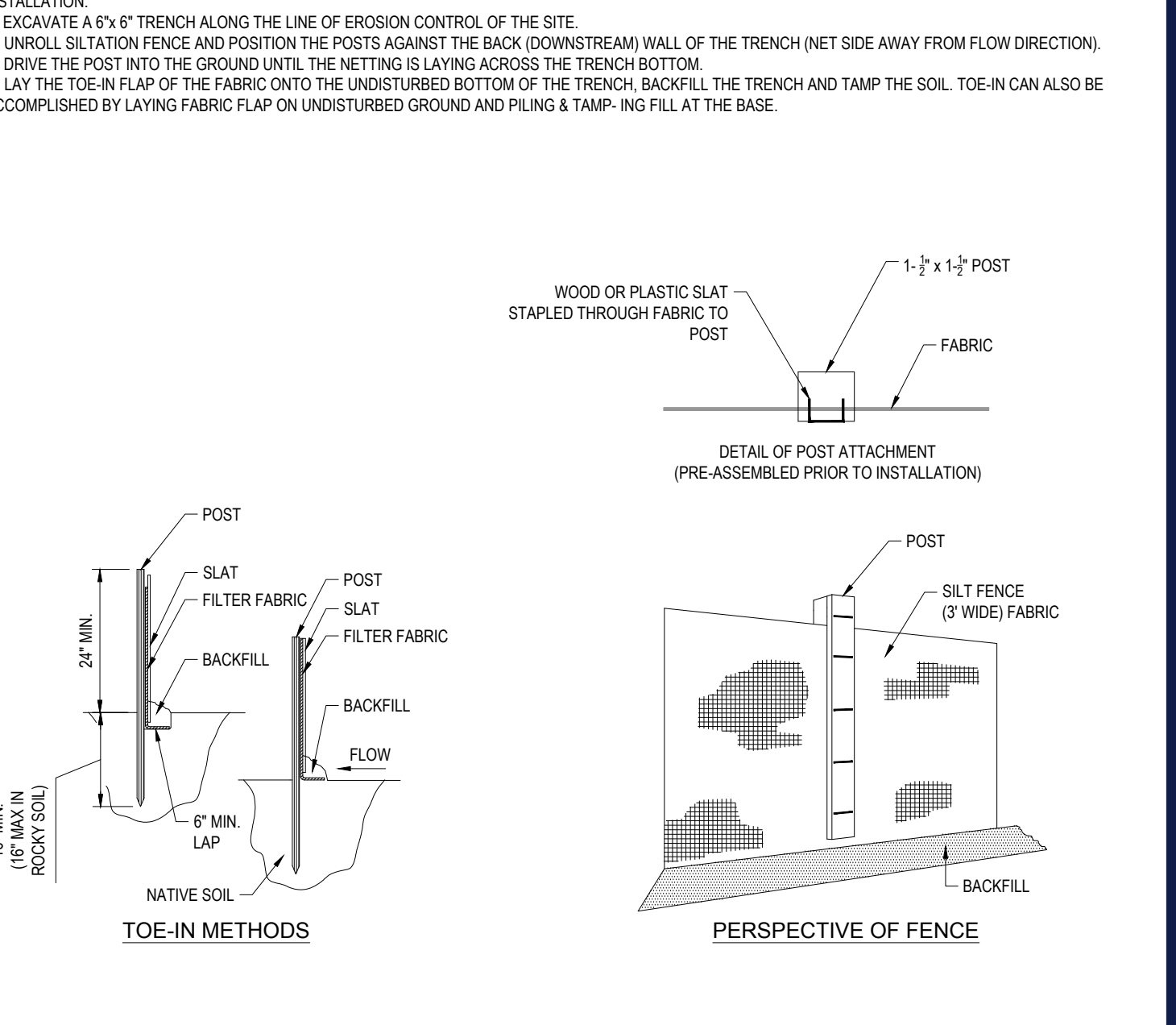
STABILIZED CONSTRUCTION EXIT

N.T.S.



TEMPORARY STOCKPILE DETAIL

N.T.S.



TYP. SILTATION FENCE DETAIL

N.T.S.

TM

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14	3/20/2023	PER TOWN COMMENT	MDL
15	4/26/2023	PER TOWN COMMENT	JRS
16	07/14/2023	PER TOWN COMMENT	CVM



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PROJECT No.: B210118
DRAWN BY: MDL
CHECKED BY: RWO
DATE: 09/01/2024
CAD I.D.: B210118SS00

PROJECT:

PROPOSED SITE PLAN DOCUMENTS

FOR

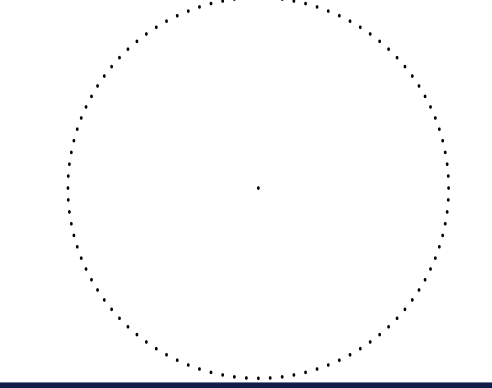
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PROPOSED DEVELOPMENT

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SHEET TITLE:
EROSION AND
SEDIMENT
CONTROL NOTES
AND DETAILS

SHEET NUMBER:

C-602

REVISION 16 - 07/14/2023



WELL ELEV. 259.9

EVERGREEN SCREENING AND BUFFERING ALONG OSBORNE HILL ROAD.
• PROPOSED SHRUBS ALONG THIS EDGE ARE INTENDED TO FILL IN THE GAPS AND UNDERSTORY OF EXISTING TREES.
• CONFIRM LOCATION AND EXTENT OF EXISTING TREES IN THE FIELD AND PLANT SHRUBS ACCORDINGLY.

EXISTING TREES TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION (TYP.)

WELL ELEV. 257.3

OSBORNE HILL ROAD
(PUBLIC VARIABLE WIDTH)
-5.79+ VEHICLES/DAY

SNOWTOWN ROAD
(PUBLIC VARIABLE WIDTH)
-3.9+ VEHICLES/DAY

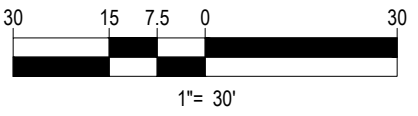
PROP. LOCATION FOR SITE SIGN (TYP.)
SIGN BY OTHERS.

U.S. ROUTE 9 SOUTH BOUND
(PUBLIC VARIABLE WIDTH)
-2.38+ VEHICLES/DAY

U.S. ROUTE 9 NORTH BOUND
ONLY

SEED AND SOD KEY

- PROPOSED BASIN SEED MIX
- PROPOSED HYDROSEED
- PROPOSED SOD



OWNER MAINTENANCE RESPONSIBILITIES

UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREES, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH OF TRAVEL.
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (ON ALL PAVED, TRAVELED SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS.

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE. GUARANTEES THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE.

THIS PLAN TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY

REFER LANDSCAPE NOTES & DETAILS SHEET FOR LANDSCAPE NOTES, DETAILS AND LANDSCAPE ZONING REQUIREMENTS TABLE.

LANDSCAPE SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONT.
SHADE TREES					
ARA	10	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG COLUMNAR RED MAPLE	2 1/2" CAL.	B+B
LSR	20	LIQUIDAMBAR STYRACIFLUA 'ROTUNDOLOBA'	SEEDLESS SWEETGUM	2 1/2" CAL.	B+B
PLO	15	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	2 1/2" CAL.	B+B
QPP	9	QUERCUS PALUSTRIS 'YINGREEN'	GREEN PILLAR PIN OAK	2 1/2" CAL.	B+B
TA	14	TILIA AMERICANA	BASSWOOD	2 1/2" CAL.	B+B
SUBTOTAL:	68				
ORNAMENTAL TREES					
CFA	4	CORNUS FLORIDA 'APPALACHIAN SNOW'	WHITE FLOWERING DOGWOOD	2 1/2" CAL.	B+B
SUBTOTAL:	4				
EVERGREEN TREES					
ABC	8	ABIES CONCOLOR	WHITE FIR	6-7'	B+B
PIAB	12	PICEA ABIES	NORWAY SPRUCE	6-7'	B+B
PPH	15	PICEA PUNGENS 'HOOPSII'	COLORADO BLUE SPRUCE	7-8'	B+B
TOE	49	THUJA OCCIDENTALIS 'EMERALD'	EMERALD GREEN ARBORVITAE	5-6'	B+B
SUBTOTAL:	84				
DECIDUOUS SHRUBS					
AAB	4	ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA'	RED CHOKEBERRY	3-4'	B+B
CA	41	CLETHRA ALNFOLIA	SUMMERSWEET CLETHRA	24-30"	CONTAINER
CASC	5	CLETHRA ALNFOLIA 'SIXTEEN CANDLES'	SUMMERSWEET CLETHRA	24-30"	CONTAINER
CSA	114	CORNUS STOLONIFERA 'ARCTIC FIRE'	COMPACT RED TWIG DOGWOOD	18-24"	B+B
IVWR	23	ILEX VERTICILLATA 'WINTER RED'	WINTER RED WINTERBERRY HOLLY	36-38"	CONTAINER
RAGL	81	RHUS AROMATICA 'GRO-LOW'	GRO-LOW SUMAC	1 GAL.	CONTAINER
SUBTOTAL:	268				
EVERGREEN SHRUBS					
IGS	32	ILEX GLABRA 'SHAWROCK'	SHAWROCK INGBERRY HOLLY	24-30"	B+B
KL	23	KALMA LATIFOLIA	MOUNTAIN LAUREL	35-38"	B+B
KLE	6	KALMA LATIFOLIA 'ELF'	ELF MOUNTAIN LAUREL	18-24"	CONTAINER
PMM	23	PRUNUS MUGO MUGUS	DWARF MUGO PINE	18-24"	CONTAINER
RORE	9	RHOODODENDRON CATAPAWBIENSE 'ROSEUM ELEGANS'	ROSEUM ELEGANS RHOODODENDRON	36-42"	B+B
SUBTOTAL:	93				
GROUND COVERS					
AU	335	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	12-15"	CONTAINER
JS	181	JUNIPERUS CHINENSIS VAR. SARGENTI	SARGENT JUNIPER	15-18" SPRD.	CONTAINER
SUBTOTAL:	516				
PERENNIALS					
AT	100	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	2 GAL.	CONTAINER
EP	203	ECHINACEA PURPUREA	PURPLE CONEFLOWER	2 GAL.	CONTAINER
RFG	144	RUDBECKIA FULGIDA 'GOLDSTURM'	GOLDSTURMBLACK-EYED SUSAN	2 GAL.	CONTAINER
SUBTOTAL:	447				

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN THE AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN WILL DICTATE.

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CAD ID: B210118-LND-0

PROJECT:

PROPOSED SITE PLAN DOCUMENTS

FOR
CARMAX AUTO SUPERSTORES, INC.

PROPOSED DEVELOPMENT
SEC. 6156-02-PARCEL 664986
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SHEET TITLE:

LANDSCAPE PLAN

SHEET NUMBER:

C-701

REVISION 16 - 07/14/2023

P:\210118\DRAWINGS\PLAN SETS\B3-C3D_WORKEB210118-LND-0-4-LAYOUT C-701-LAND

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15

LANDSCAPE SPECIFICATIONS	
1. SCOPE OF WORK	LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON:
1.1. THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.	ACER RUBRUM BETULA VARIETIES CARPINUS VARIETIES CRATAEGUS VARIETIES KOELREUTERIA LIQUIDAMBAR STYRACIFLUA LIRIODENDRON TULIPIFERA
2. MATERIALS	PLATANUS X ACERIFOLIA POPULUS VARIETIES PRUNUS VARIETIES PYRUS VARIETIES QUERCUS VARIETIES TILIA TOMENTOSA ZELKOVA VARIETIES
2.1. GENERAL - ALL LANDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATIONS SPECIFICATIONS.	9.8. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
2.2. TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.	9.8.1. 1 PART PEAT MOSS 9.8.2. 1 PART COMPOSTED COW MANURE BY VOLUME 9.8.3. 3 PARTS TOPSOIL BY VOLUME 9.8.4. 21 GRAMS AGRIFORM PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS: 9.8.4.1. 2 TABLETS PER 1 GALLON PLANT 9.8.4.2. 3 TABLETS PER 5 GALLON PLANT 9.8.4.3. 4 TABLETS PER 15 GALLON PLANT 9.8.4.4. LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK
2.3. LAWN - ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM 6" THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED ON THE LANDSCAPE PLAN	9.9. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY.
2.3.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED.	9.10. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.
2.3.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/FEST FREE WITH A UNIFORM THICKNESS. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.	9.11. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
2.4. MULCH - ALL PLANTING BEDS SHALL BE MULCHED WITH A 3" THICK LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN AND/OR LANDSCAPE PLAN NOTES (DETAILS).	9.12. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
2.5. FERTILIZER	9.13. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.
2.5.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE.	9.14. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.
2.5.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.	9.15. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.
2.6. PLANT MATERIAL	10. TRANSPLANTING (WHEN REQUIRED)
2.6.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN).	10.1. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT.
2.6.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.	10.2. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.
2.6.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.	10.3. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
2.6.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 1/4", WHICH HAVE NOT BEEN COMPLETELY CALLEDUS, SHALL BE REJECTED. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.	10.4. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
2.6.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE.	10.5. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
2.6.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.	10.6. F TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
2.6.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH.	11. WATERING
2.6.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.	11.1. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB THE SOIL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.
3. GENERAL WORK PROCEDURES	11.2. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.
3.1. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF.	11.3. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.
3.2. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.	12. GUARANTEE
4. SITE PREPARATIONS	12.1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF 1 YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
4.1. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.	12.2. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
4.2. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE BRANCH COLLAR. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY; CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.	12.3. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
4.3. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.	12.4. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
5. TREE PROTECTION	13. CLEANUP
5.1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.	13.1. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.
5.2. A FORTY- EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY VISI-FENCE, OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.	13.2. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
5.3. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.	14. MAINTENANCE (ALTERNATIVE BID)
5.4. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.	14.1. A 90 DAY MAINTENANCE PERIOD SHALL COMMENCE AT THE END OF ALL LANDSCAPE INSTALLATION OPERATIONS. THE 90 DAY MAINTENANCE PERIOD ENSURES TO THE OWNER/OPERATOR THAT THE NEWLY INSTALLED LANDSCAPING HAS BEEN MAINTAINED AS SPECIFIED ON THE APPROVED LANDSCAPE PLAN. ONCE THE INITIAL 90 DAY MAINTENANCE PERIOD HAS EXPIRED, THE OWNER/OPERATOR MAY REQUEST THAT BIDDERS SUBMIT AN ALTERNATE MAINTENANCE BID FOR A MONTHLY MAINTENANCE CONTRACT. THE ALTERNATE MAINTENANCE CONTRACT WILL ENCOMPASS ANY WORK THAT IS CONSIDERED APPROPRIATE TO ENSURE THAT PLANT AND LAWN AREAS ARE HEALTHY AND MAINTAINED TO THE APPROVAL OF THE OWNER/OPERATOR.
6. SOIL MODIFICATIONS	
6.1. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.	
6.2. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.	
6.3. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY.	
6.3.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5.	
6.3.2. TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 80% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.	
6.3.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.	
7. FINISHED GRADING	
7.1. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.	
7.2. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"+).	
7.3. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.	
7.4. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.	
8. TOPSOILING	
8.1. CONTRACTOR SHALL PROVIDE A 6" THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.	
8.2. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.	
8.3. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL, TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.	
8.4. ALL LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA - FOR BID PURPOSES ONLY (SEE SPECIFICATION 6 A.1)).	
8.4.1. 20 POUNDS GRO-POWER OR APPROVED SOIL CONDITIONER/FERTILIZER	
8.4.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER	
8.5. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.	
9. PLANTING	
9.1. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.	
9.2. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.	
9.3. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.	
9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-Biodegradable MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.	
9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.	
9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS: THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:	
9.6.1. PLANTS: MARCH 15 TO DECEMBER 15	
9.6.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1	
9.6.3. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.	
9.7. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL	

HYDROSEED SPECIFICATIONS

NATIVE DETENTION AREA MIX AS PREPARED BY:

ERNST CONSERVATION SEEDS, INC.
8884 MERCER PIKE, MEADOWVILLE, PA 16335
PHONE: 800-873-3321 / 814-336-404
EMAIL: SALES@ERNSTSEED.COM
WEBSITE: WWW.ERNSTSEED.COM

APPLICATION RATE: 12 LB. / 1000 SQ. FT. (20 LBS. / ACRE)

MIX COMPOSITION:

- 25.0% PANICUM VIRGATUM, 'SHELTER' (SWITCHGRASS, 'SHELTER')
- 24.0% PANICUM CLANDESTINUM, 'TIOGA' (DEERTONGUE, 'TIOGA')
- 22.0% CAREX VULPINOIDEA, PA ECOTYPE (FOX SEDGE, PA ECOTYPE)
- 21.0% ELYMUS VIRGINICUS, PA ECOTYPE (VIRGINIA WILDOYE, PA ECOTYPE)
- 6.0% AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE (AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE)
- 1.0% JUNCUS EFFUSUS (SOFT RUSH)
- 1.0% PANICUM RIGIDULUM, PA ECOTYPE (RED TOP PANICGRASS, PA ECOTYPE)

BASIN SEED MIX SPECIFICATIONS

METHODS AND MATERIALS

- CULTIVATED SOD IS PREFERRED OVER NATIVE OR PASTURE SOD. SPECIFY "CERTIFIED SOD," OR OTHER HIGH QUALITY CULTIVATED SOD.
- SOD SHOULD BE FREE OF WEEDS AND UNDESIRABLE COARSE WEEDY GRASSES.
- SOD SHOULD BE OF UNIFORM THICKNESS, APPROXIMATELY 5/8 INCH, PLUS OR MINUS 1/4 INCH, AT TIME OF CUTTING, (EXCLUDES TOP GROWTH.)
- SOD SHOULD BE VIGOROUS AND DENSE AND BE ABLE TO RETAIN ITS OWN SHAPE AND WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP FROM THE UPPER 10 PERCENT OF THE STRIP. BROKEN PADS OR TORN AND UNEVEN ENDS WILL NOT BE ACCEPTABLE.
- FOR DRAUGHT SITES, A SOD OF KENTUCKY 31 TALL FESCUE AND BLUEGRASS IS PREFERRED OVER A STRAIGHT BLUEGRASS SOD.
- ONLY MOIST, FRESH, UNHEATED SOD SHOULD BE USED. SOD SHOULD BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS.

L SITE PREPARATION

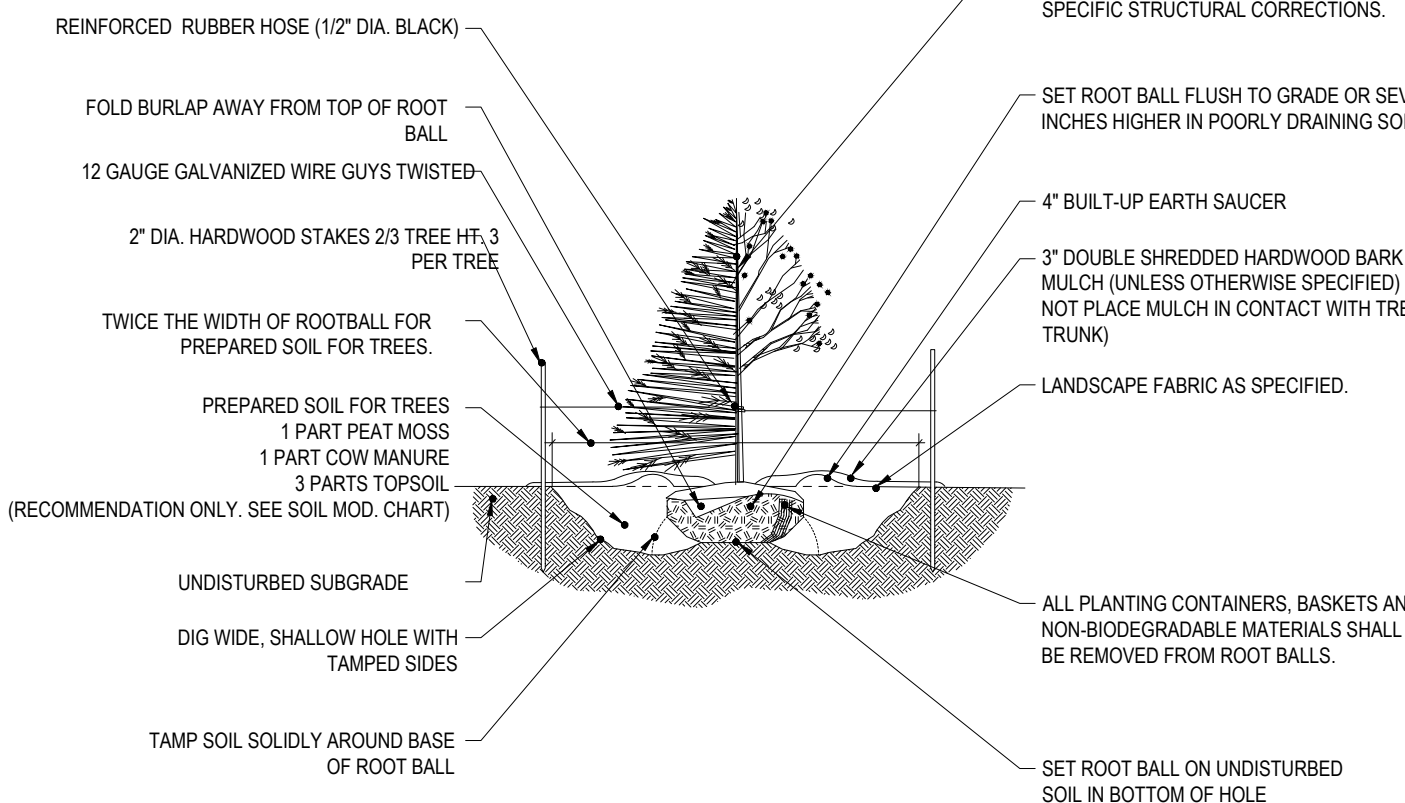
A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR LIMING, FERTILIZING, AND SOIL PREPARATION. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING.

B. INSTALL NEEDED EROSION CONTROL PRACTICES AND FACILITIES, SUCH AS INTERCEPTOR DITCHES, DIKES AND TERRACES, EROSION STOPS, AND DE-SILTING BASINS.

IL SOIL PREPARATION

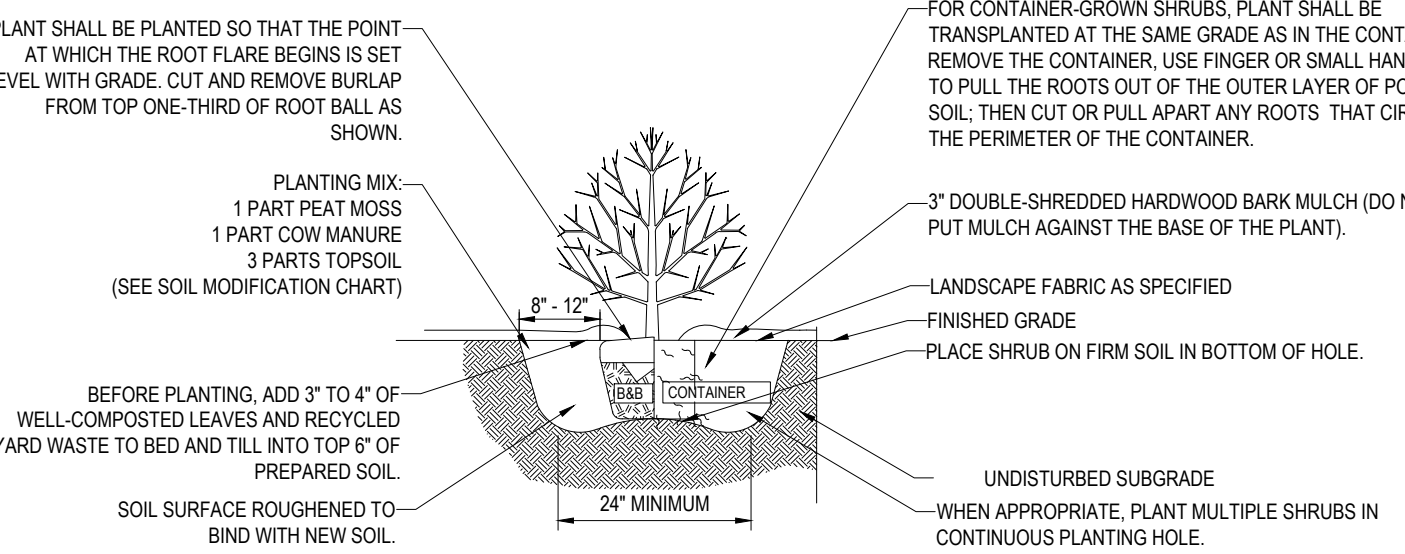
A. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP-DRESSING. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS.

- NOTES:
- NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 - REMOVE ALL NON-Biodegradable MATERIAL AND ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK 1/3" FROM ROOT BALL.
 - PLANTING DEPTH SHALL BE THE SAME AS GROWN IN NURSERY.
 - THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
 - THE BOTTOM OF PLANTING PIT EXCAVATIONS SHOULD BE ROUGH TO AVOID MATTING OF SOIL LAYERS AS NEW SOIL IS ADDED. IT IS PREFERABLE TO TILL THE FIRST LIFT (2 TO 3 IN.) OF PLANTING SOIL INTO THE SUBSOIL.
 - REFER TO THE CHART "GENERAL RANGE OF SOIL MODIFICATIONS & VOLUMES FOR VARIOUS SOIL CONDITIONS" TO DETERMINE MINIMUM WIDTH OF PREPARED SOIL.
 - SUBSTITUTE ABBREVIATED STAKING SYSTEM WHEN SPECIFIED.



TREE PLANTING DETAIL

N.T.S.

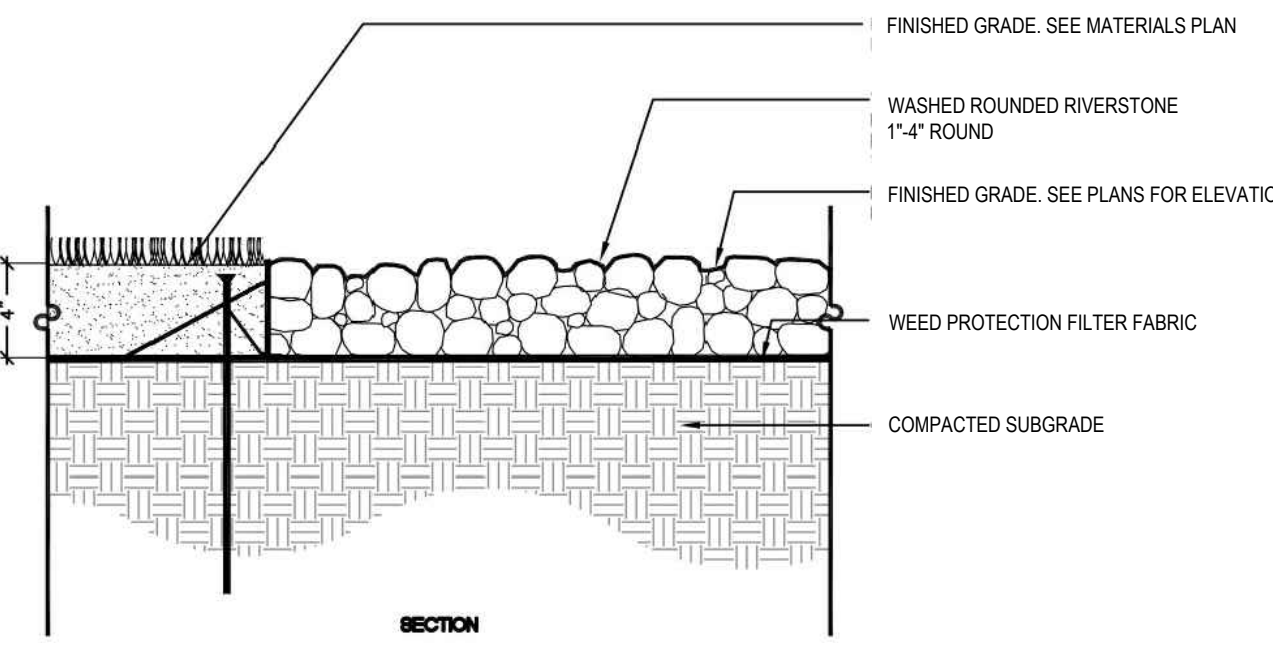


SHRUB PLANTING DETAIL

N.T.S.



SPECIFICATIONS
NAME: WINCHESTER RIVER ROCK 1" - 4"
COLOR: COLORS WILL BROWN / TAN TONES
SHAPE: PRIMARILY ROUND OR OVAL, SCREENED STONE WITH NO SHARP ANGULAR SIDES OR FACES
SIZE: STONE SIZES WILL RANGE FROM 1" - 4" IN AT LEAST ONE DIMENSION. STONE SIZING SHOULD BE UNIFORM WITH LITTLE VARIATION FROM THIS RANGE.
SILT CONTENT: STONE NEEDS TO BE CLEAN OF DEBRIS AND SILT AT TIME OF DELIVERY.



NOTE: IRRIGATION TO BE PROVIDED IN ALL ROCK MULCH BEDS

STONE MULCH

N.T.S.

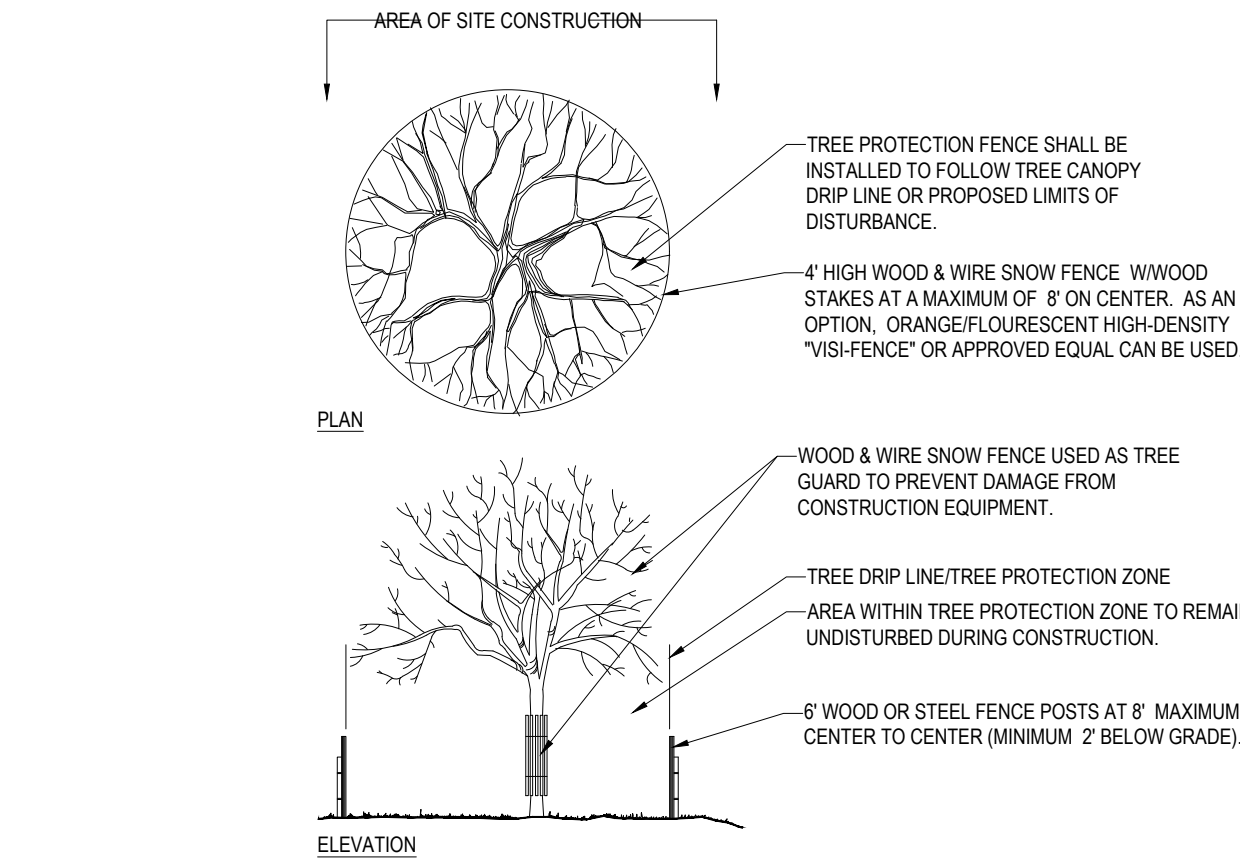
SOIL TEXTURE	TONS/ACRE	LBS/1000 SQ. FT.
CLAY, CLAY LOAM, AND HIGH ORGANIC SOIL	4	180
SANDY LOAM LOAM, SILT LOAM	3	135
LOAMY SAND, SAND	2	90

- B. WORK LIMES AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCOING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED.
- C. REMOVE FROM THE SURFACE ALL OBJECTS THAT WOULD PREVENT GOOD SOD TO SOIL CONTACT AND REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LIMBS, OR OTHER UNSUITABLE MATERIAL.
- D. INSPECT SITE JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RE-TILLED AND FIRMED AS ABOVE.

III. SOD PLACEMENT

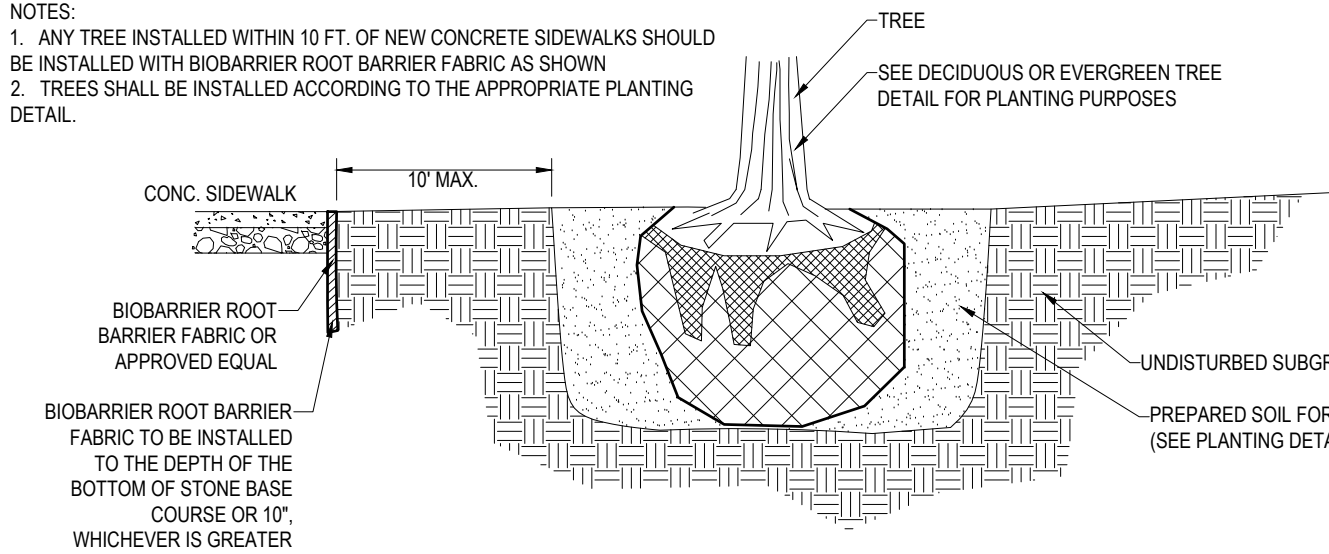
- A. SOD STRIPS SHOULD BE LAID ON THE CONTOUR, NEVER UP AND DOWN THE SLOPE, STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP. ON STEEP SLOPES, THE USE OF LADDERS WILL FACILITATE THE WORK AND PREVENT DAMAGE TO THE SOD. DURING PERIODS OF HIGH TEMPERATURE, LIGHTLY IRRIGATE THE SOIL IMMEDIATELY PRIOR TO LAYING THE SOD.
- B. APPLY SOD STRIPS WITH SNAKE-EVEN JOINTS THAT ARE STAGGERED. OPEN SPACES IN NITRE EROSION.
- C. ROLL OR TAMP SOD IMMEDIATELY FOLLOWING PLACEMENT TO INSURE SOIL CONTACT OF ROOT MAT AND SOIL SURFACE. DO NOT OVERLAP SOD. ALL JOINTS SHOULD BE BUTTED TIGHTLY IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.
- D. ON SLOPES GREATER THAN 3 TO 1, SECURE SOD TO SURFACE SOIL WITH WOOD PEGS, WIRE STAPLES, OR SPLIT SHINGLES (8 TO 10 INCHES LONG BY 3/4 INCH WIDE).
- E. SURFACE WATER CANNOT ALWAYS BE DIVERTED FROM FLOWING OVER THE FACE OF THE SLOPE, BUT A CAPPING STRIP OF HEAVY JUTE OR PLASTIC NETTING, PROPERLY SECURED, ALONG THE CROWN OF THE SLOPE AND EDGES WILL PROVIDE EXTRA PROTECTION AGAINST LIFTING AND UNDERCUTTING OF SOD. THE SAME

STANDARD FOR PERMANENT STABILIZATION WITH SOD



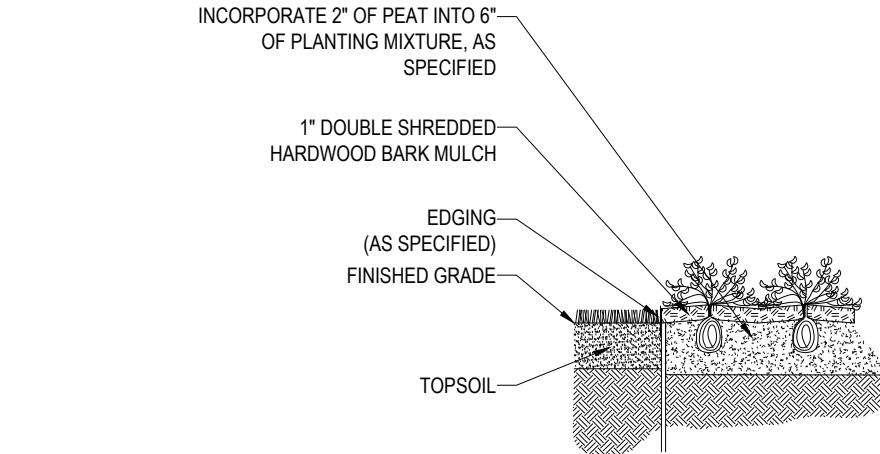
TREE PROTECTION DURING SITE CONSTRUCTION

N.T.S.



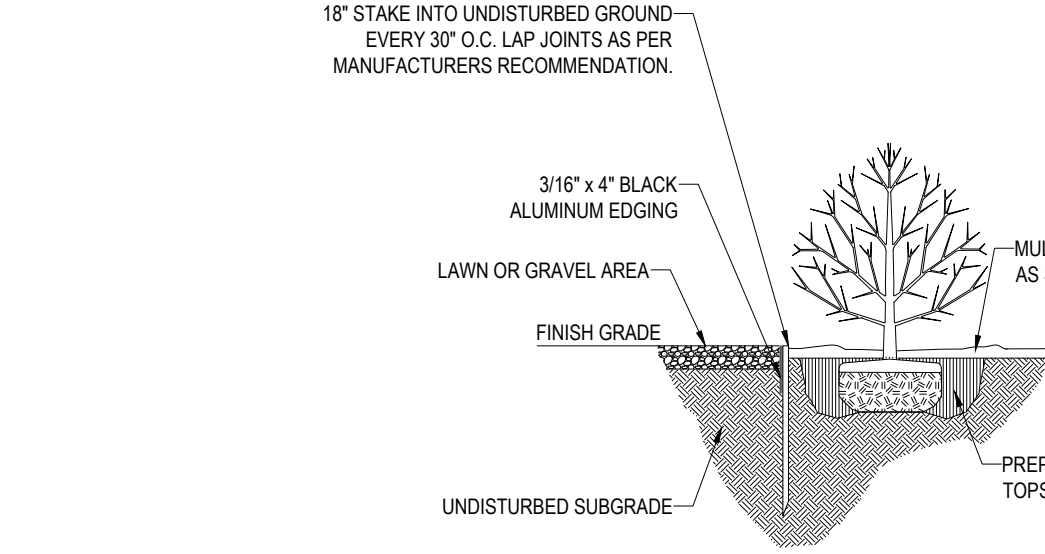
BIOBARRIER ROOT BARRIER DETAIL

N.T.S.



GROUNDCOVER PLANTING

N.T.S.



BLACK ALUMINUM EDGING

N.T.S.

- TECHNIQUE CAN BE USED TO ANCHOR SOD IN WATER CARRYING CHANNELS AND OTHER CRITICAL AREAS. WIRE STAPLES MUST BE USED TO ANCHOR NETTING IN CHANNEL WORK.
2. IMMEDIATELY FOLLOWING INSTALLATION, SOD SHOULD BE WATERED UNTIL MOISTURE PENETRATES THE SOIL LAYER BENEATH SOD TO A DEPTH OF 4 INCHES. MAINTAIN OPTIMUM MOISTURE FOR AT LEAST TWO WEEKS, AND CONTINUE IRRIGATION THROUGHOUT ENTIRE SEASON.

- IV. TOP-DRESSING IF SLOW RELEASE NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER, THEN A FOLLOW-UP OF TOP DRESSING IS NOT MANDATORY.
- A. SPRING INSTALLATION OF SOD WILL REQUIRE AN APPLICATION OF FERTILIZER SUCH AS 10-20-10 OR EQUIVALENT AT 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET BETWEEN MARCH 15 AND APRIL 1.
- B. FALL INSTALLATION OF SOD WILL REQUIRE THE ABOVE BETWEEN SEPTEMBER 1 AND OCTOBER 15.



REVISIONS

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15	4/26/2023	PER TOWN COMMENT	JRS
16	07/14/2023	PER TOWN COMMENT	JRS



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PROJECT No.: B21018
DRAWN BY: MDL
CHECKED BY: RWO
DATE: 09/01/2024
CAD ID: B210118-LND-0

PROJECT:

PROPOSED SITE PLAN DOCUMENTS

FOR

CARMAX AUTO
SUPERSTORES,
INC.

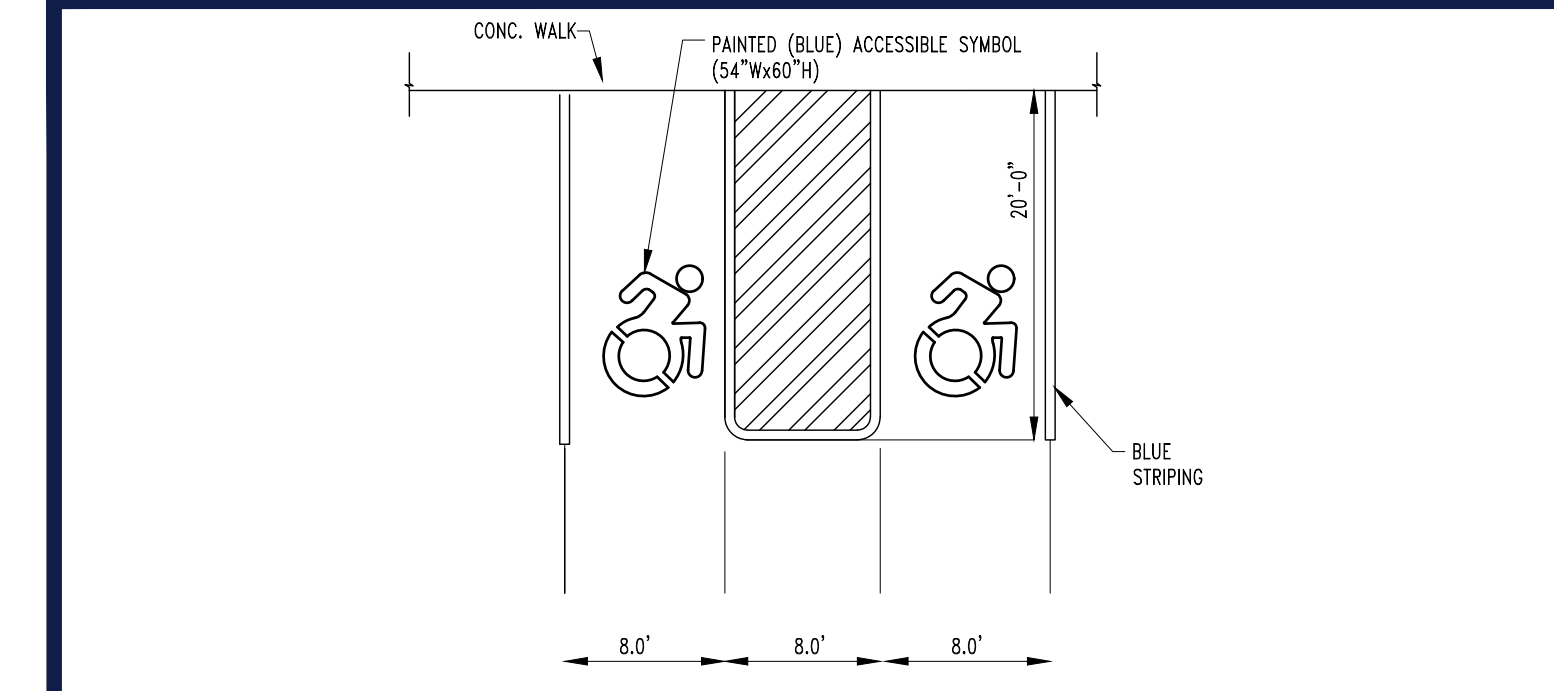
PROPOSED DEVELOPMENT

SEC. 6156-02- PARCEL 664986
1105-1115 ROUTE 9
TOWN OF WAPPINGER
DUTCHESS COUNTY,
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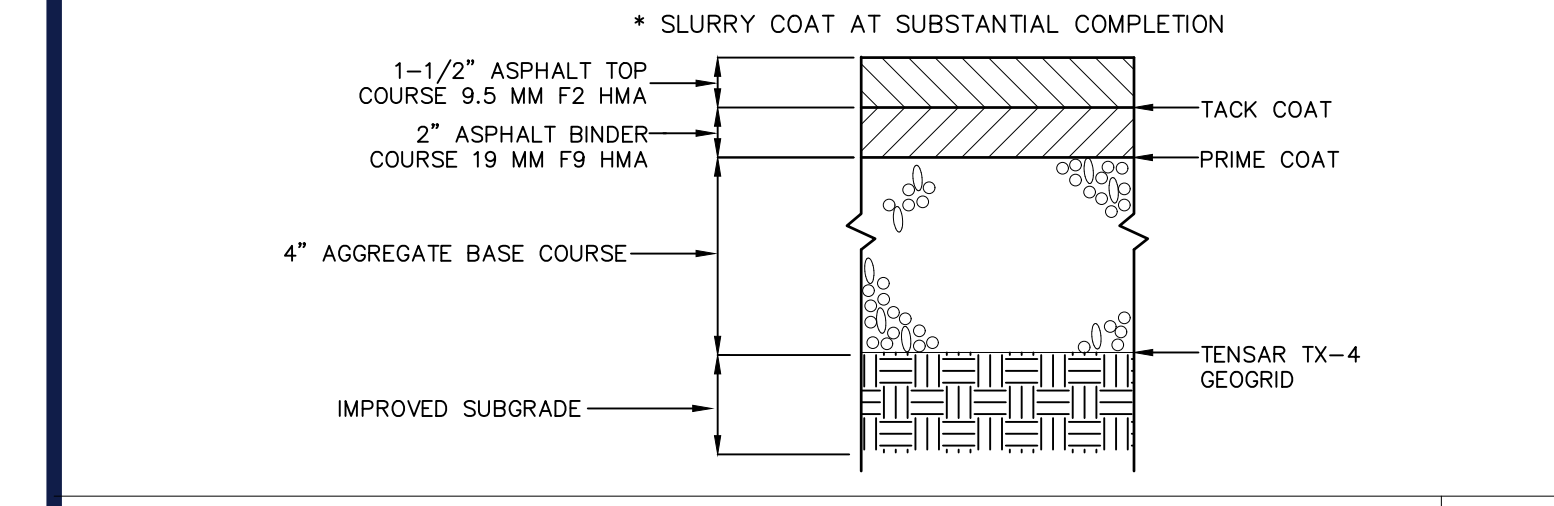
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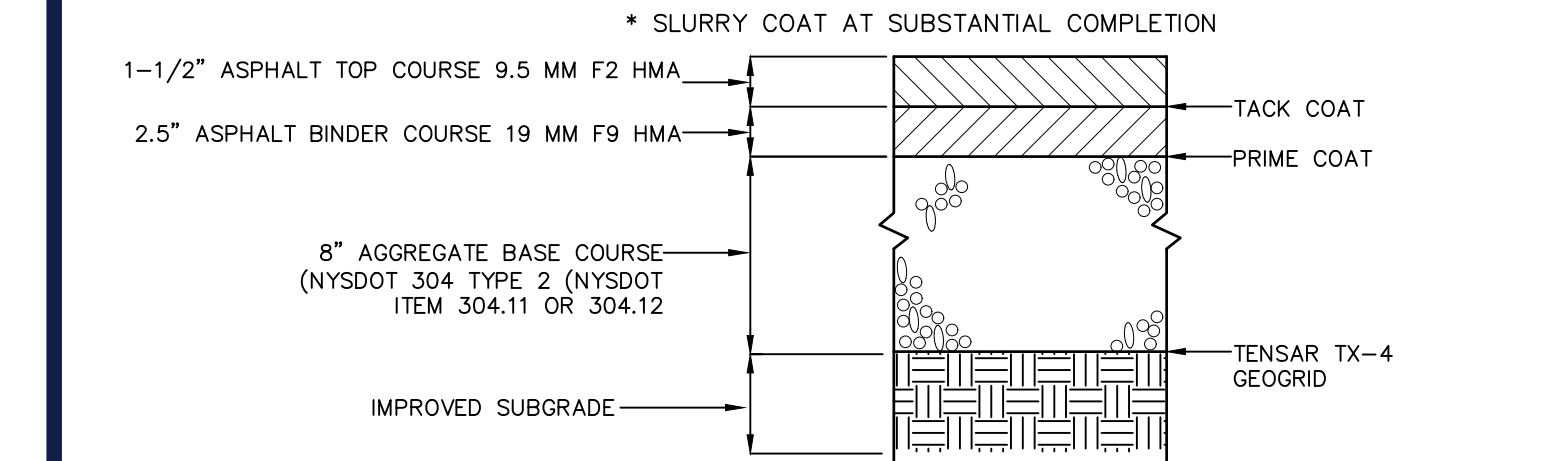
ACCESSIBLE STALL MARKING

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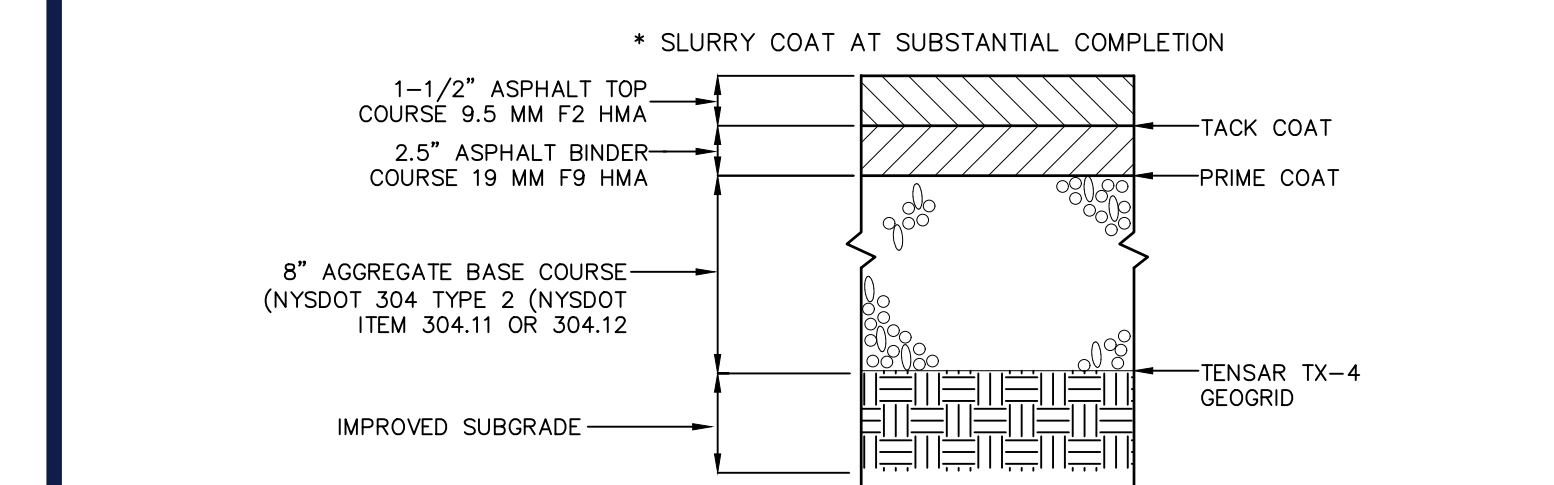
ASPHALT PAVEMENT PEDESTRIAN PATH

N.T.S.



HEAVY DUTY PAVING SECTION

N.T.S.



LIGHT DUTY PAVING SECTION

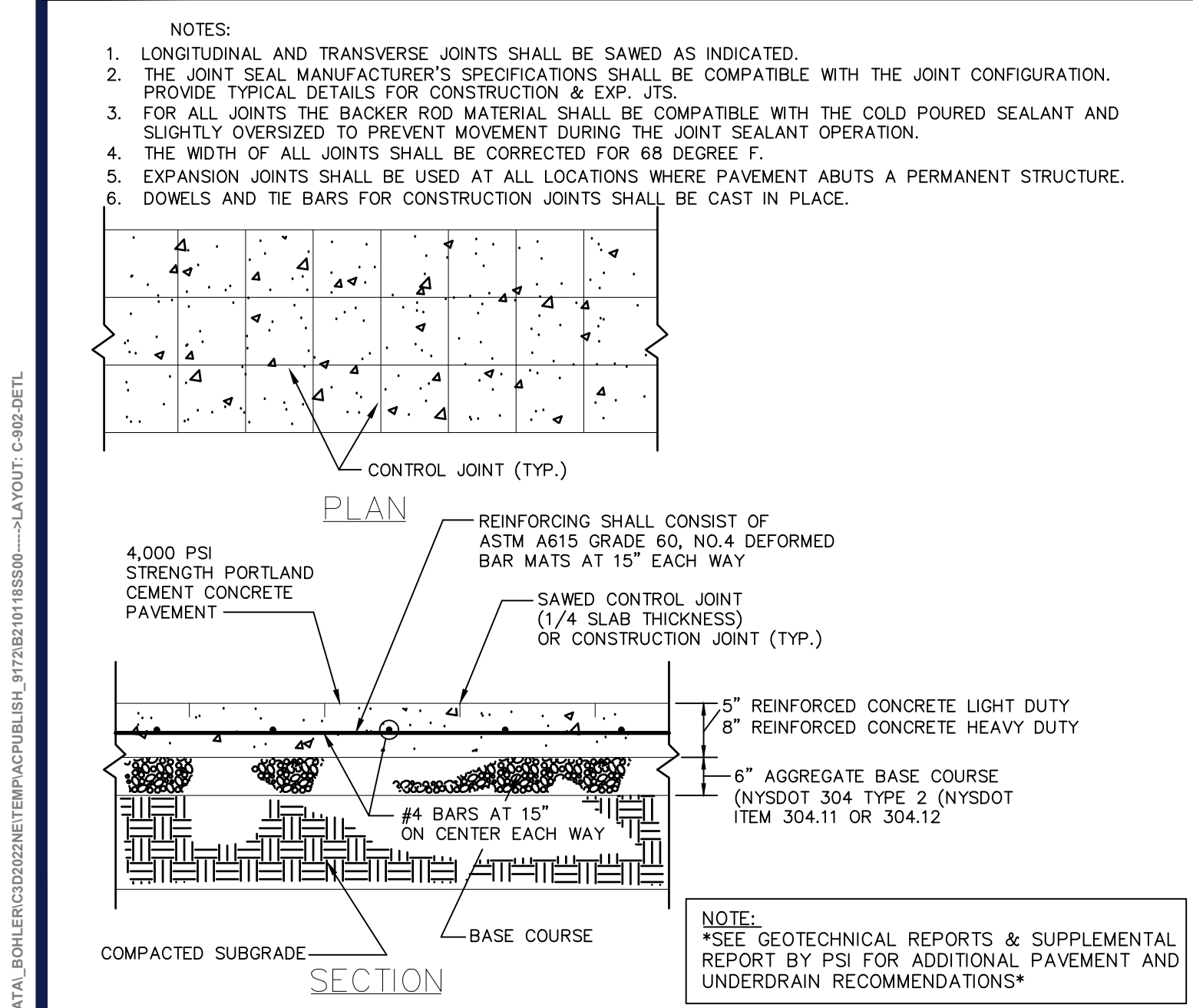
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NOTE:
SEE GEOTECHNICAL REPORTS & SUPPLEMENTAL REPORT BY PSI FOR ADDITIONAL PAVEMENT AND UNDERDRAIN RECOMMENDATIONS

USE PAVING SECTION FROM LOCAL GOVERNING AUTHORITY FOR PAVING IN THE R/W

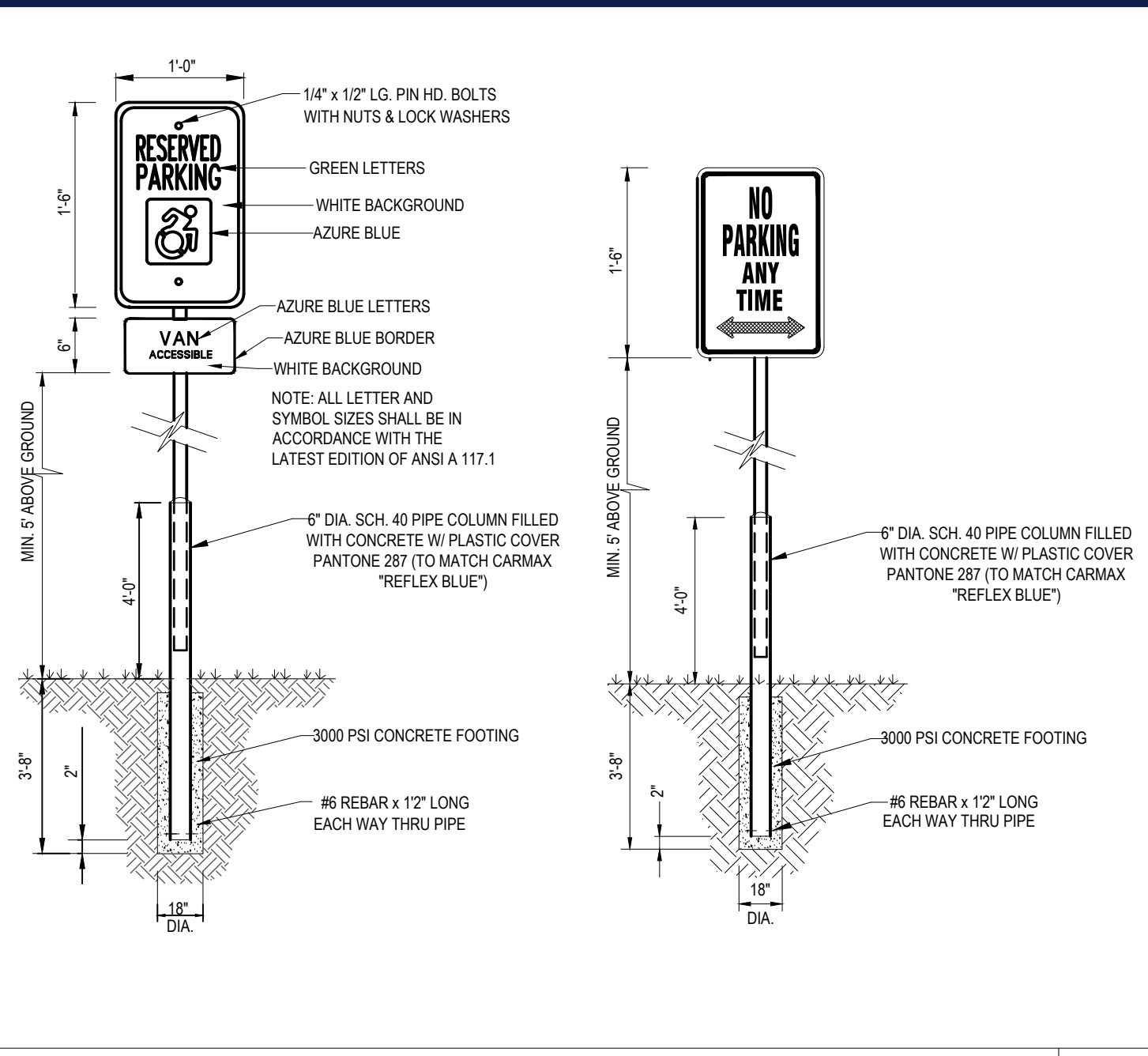
ON SITE ASPHALT PAVEMENT DETAIL

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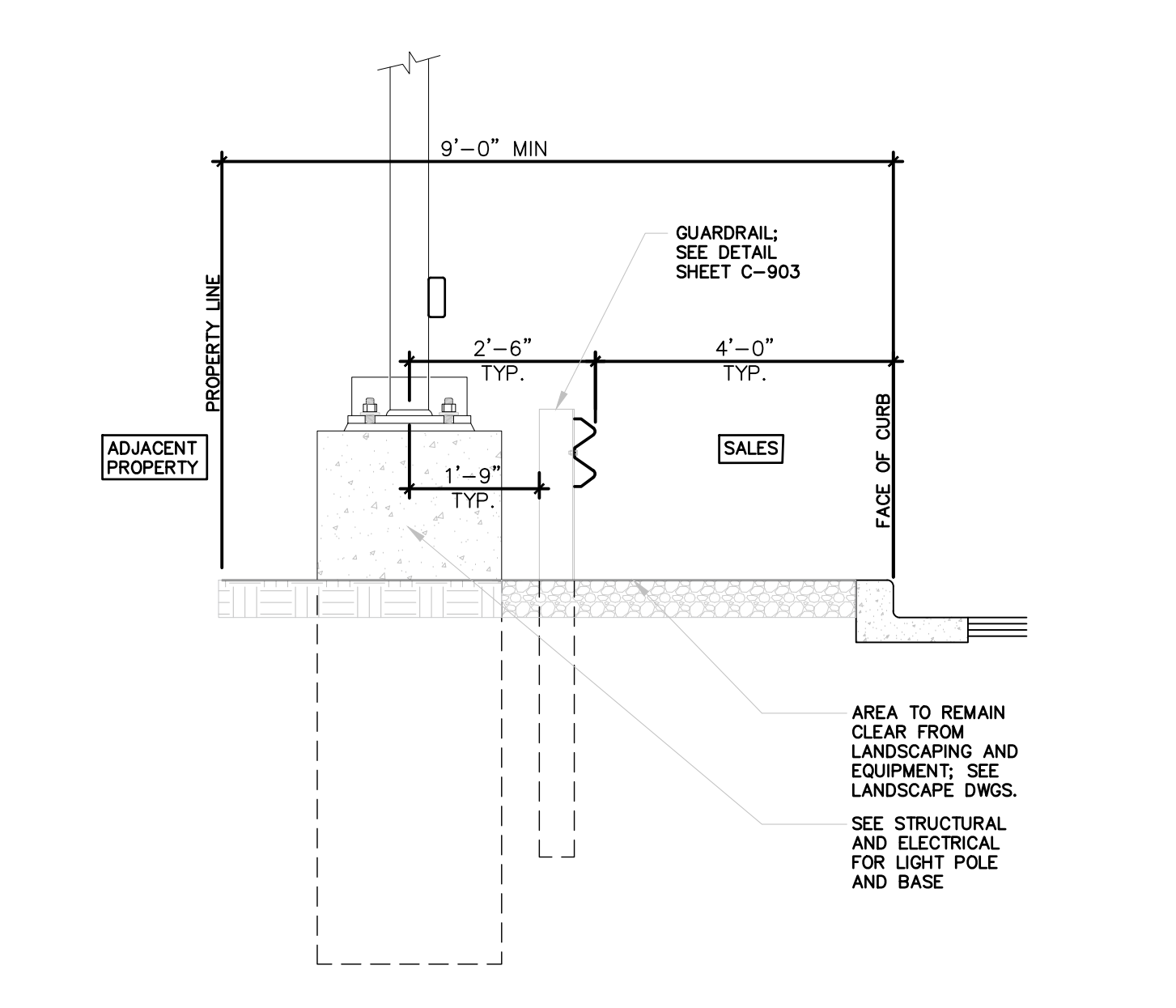
CONCRETE PAVEMENT DETAIL

N.T.S.



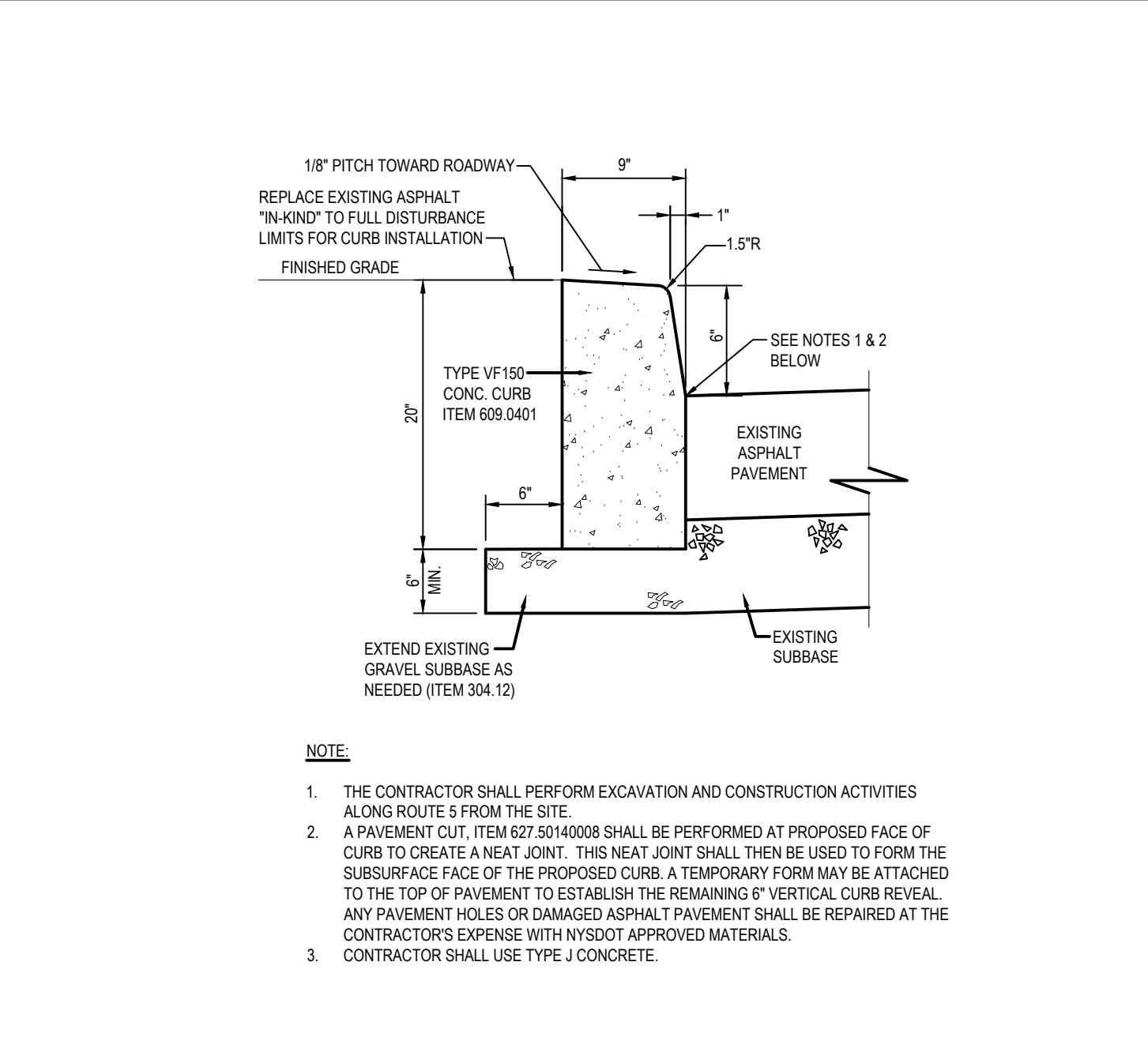
ACCESSIBLE / NO PARKING SIGN DETAILS

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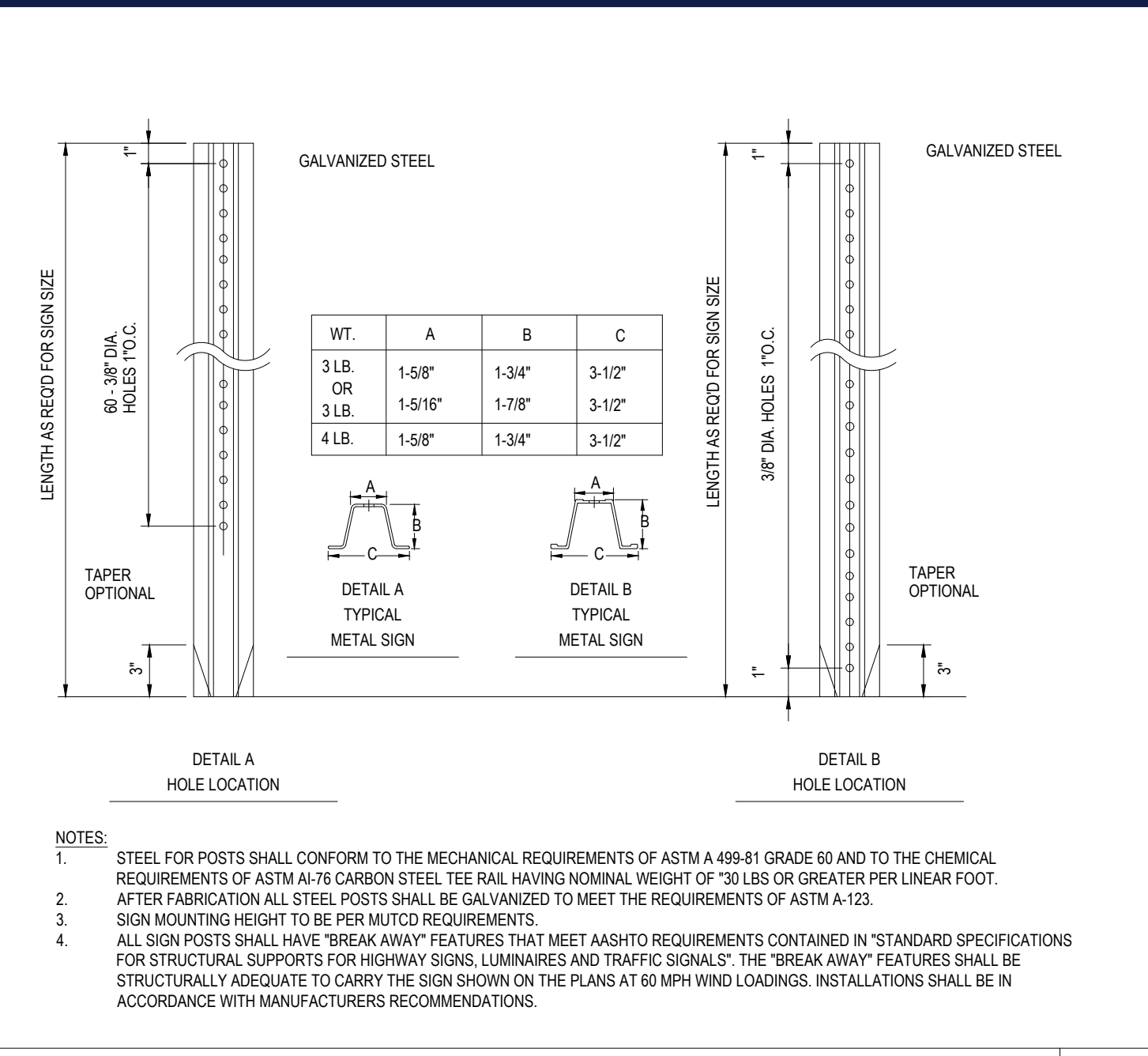
SECTION- SALES STAGING LOT AT PROPERTY LINE

N.T.S.



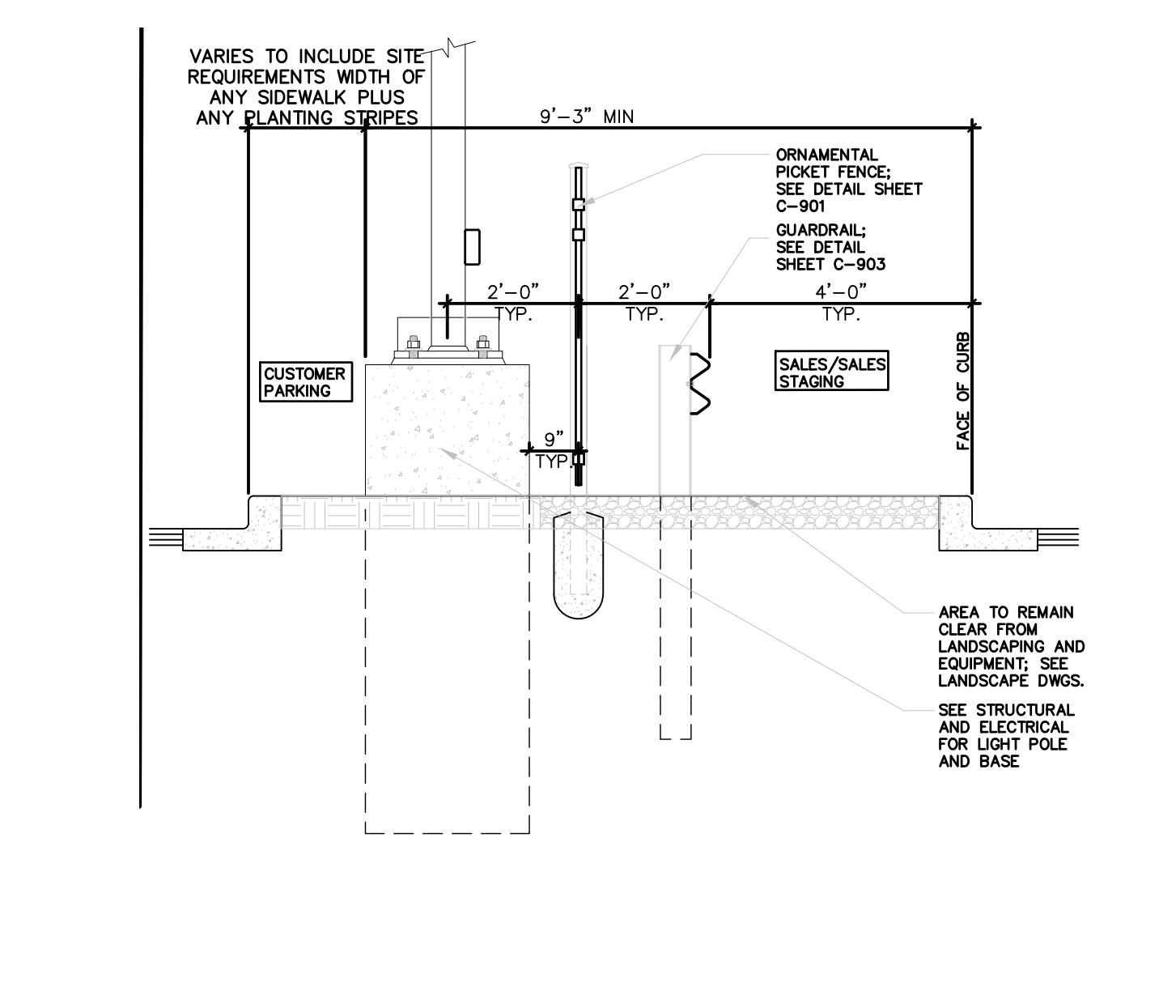
NYSDOT CAST-IN-PLACE CONCRETE CURB AT EXISTING PAVEMENT DETAIL

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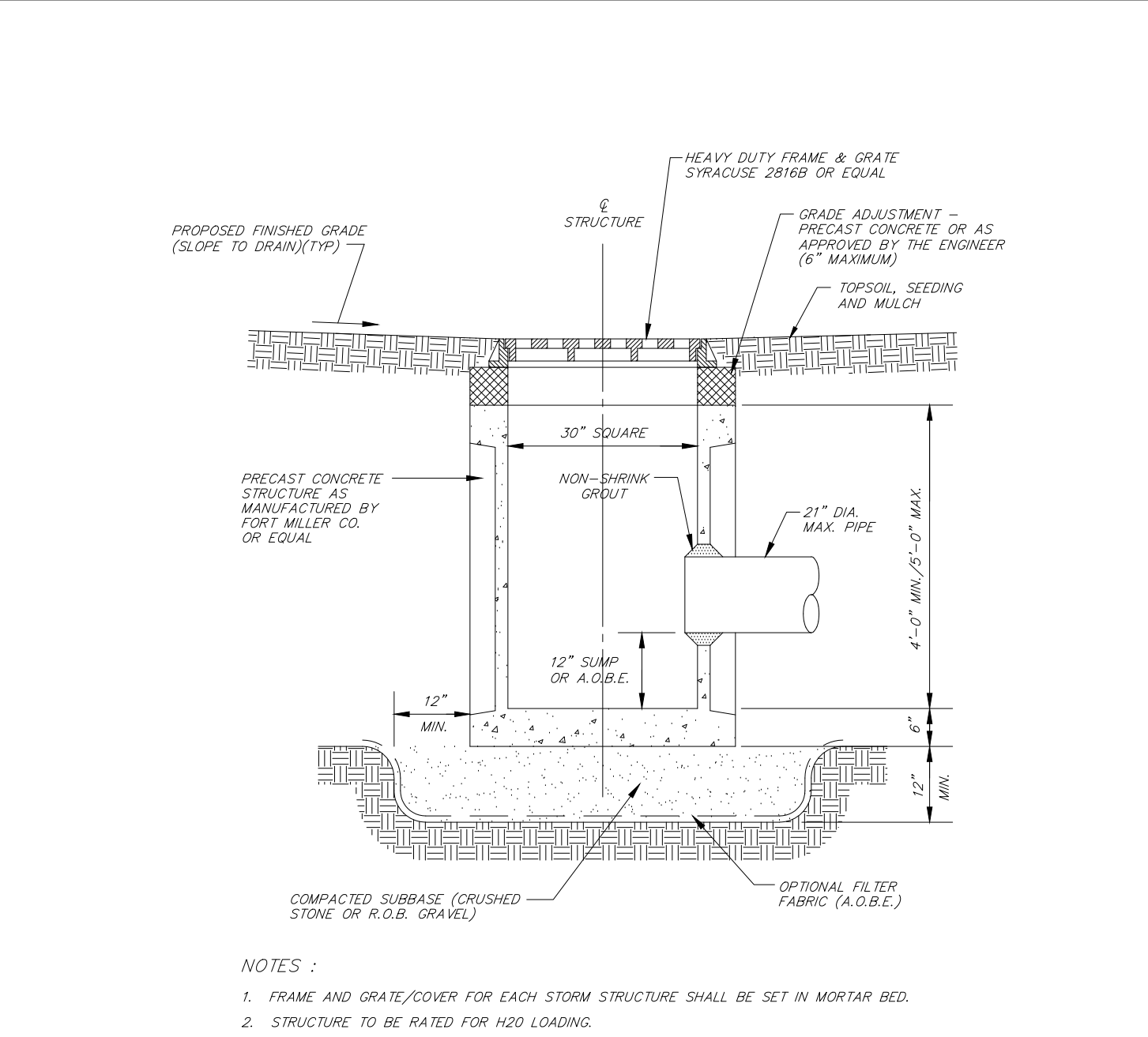
TYPICAL ON-SITE METAL SIGN POSTS

N.T.S.



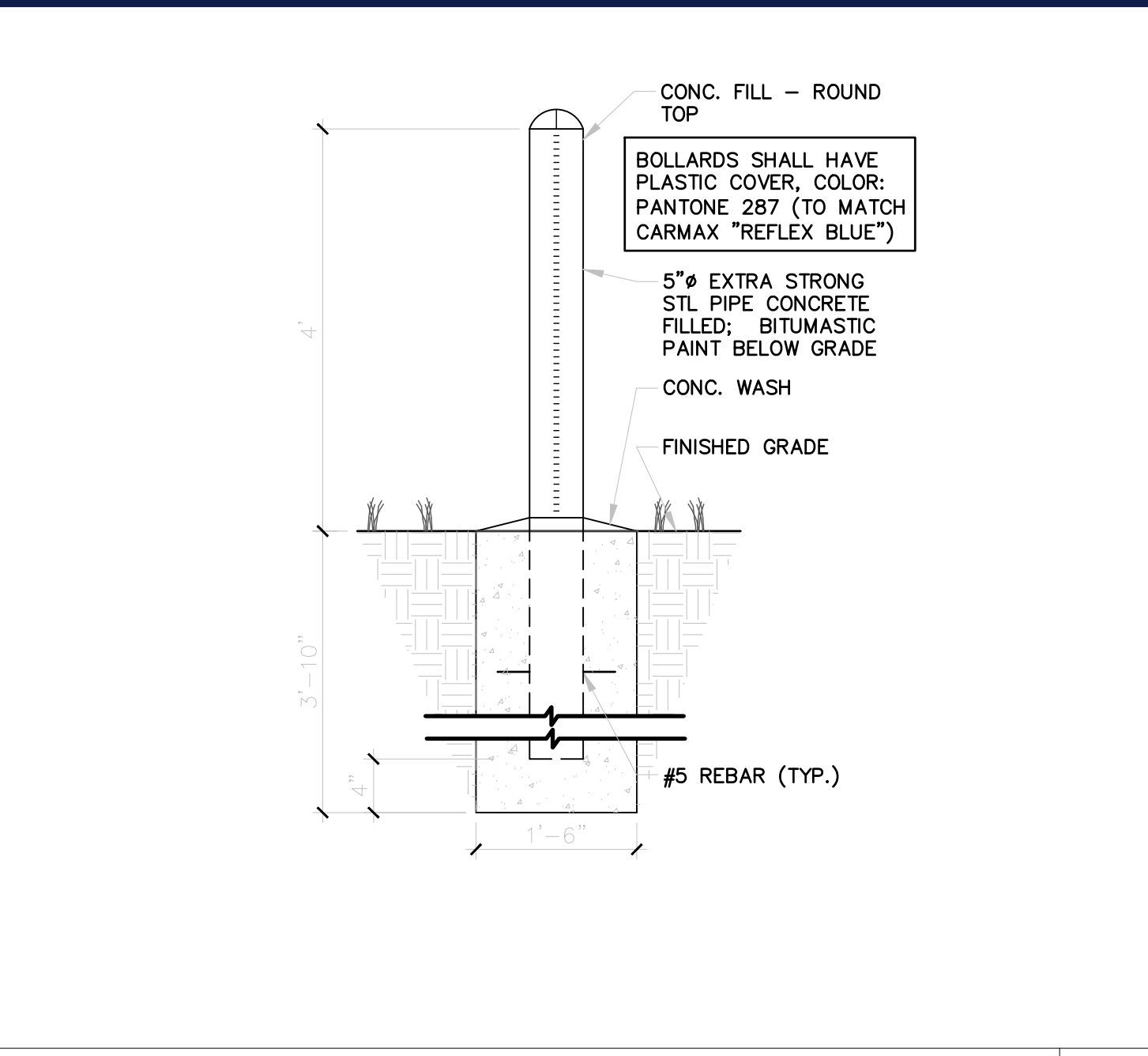
SECTION- SALES AND C/E PARKING

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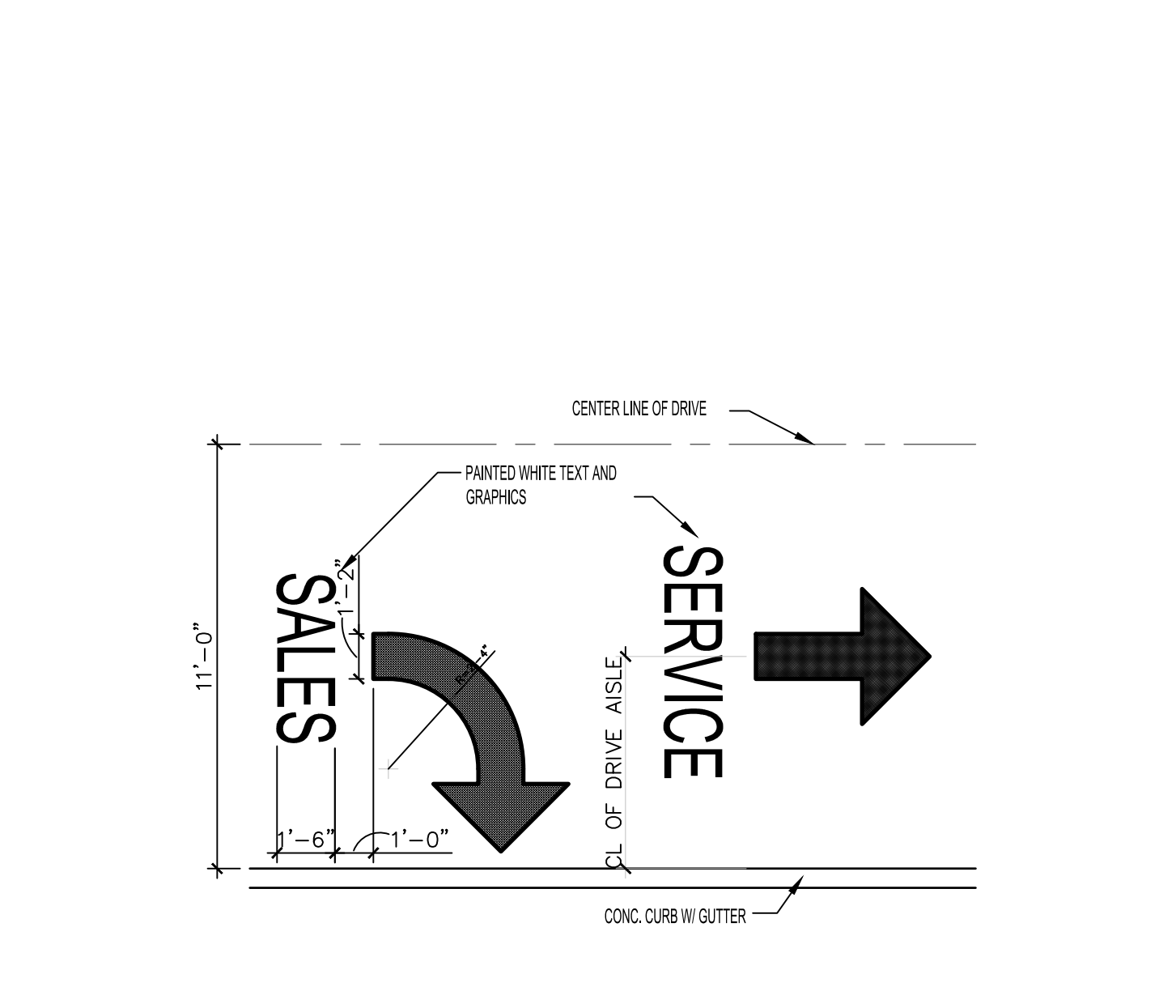
PRECAST CONCRETE CATCH BASIN DETAIL

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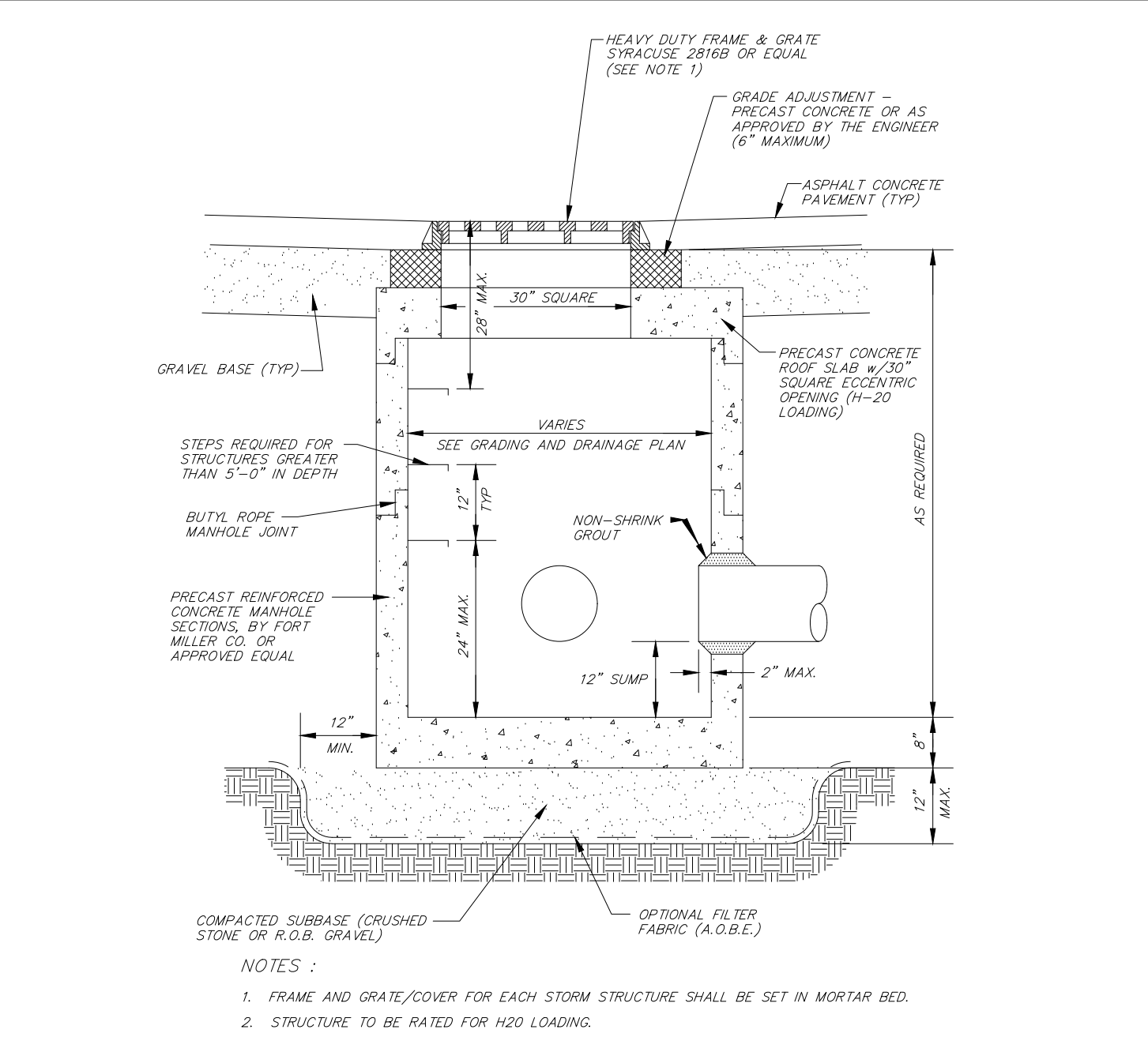
SITE POST/ BOLLARD DETAIL

N.T.S.



DIRECTIONAL SIGNAGE DETAIL

N.T.S.



PRECAST CONCRETE STORM MANHOLE DETAIL

N.T.S.

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15	4/26/2023	PER TOWN COMMENT	JRS	CVM
16	07/14/2023	PER TOWN COMMENT	JRS	CVM

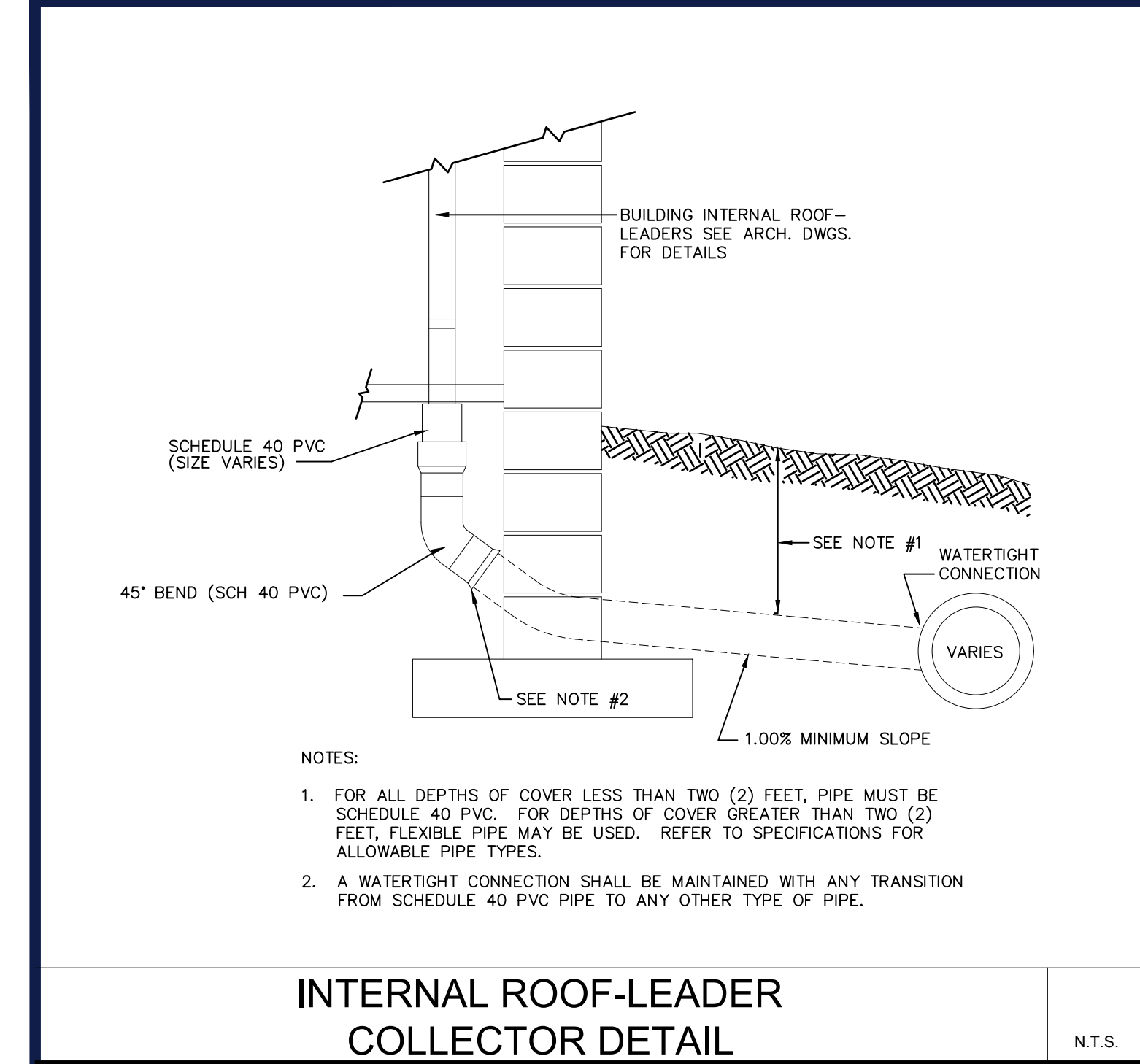
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PROJECT No.: B210118
DRAWN BY: MDL
CHECKED BY: RWO
DATE: 09/01/2021
CAD ID: B210118SS00

PROPOSED SITE PLAN DOCUMENTS
FOR
CARMAX AUTO SUPERSTORES, INC.
PROPOSED DEVELOPMENT
SEC. 6156-02- PARCEL 664986
1105-1115 ROUTE 9
TOWN OF WAPPINGER
DUTCHESS COUNTY,
NEW YORK

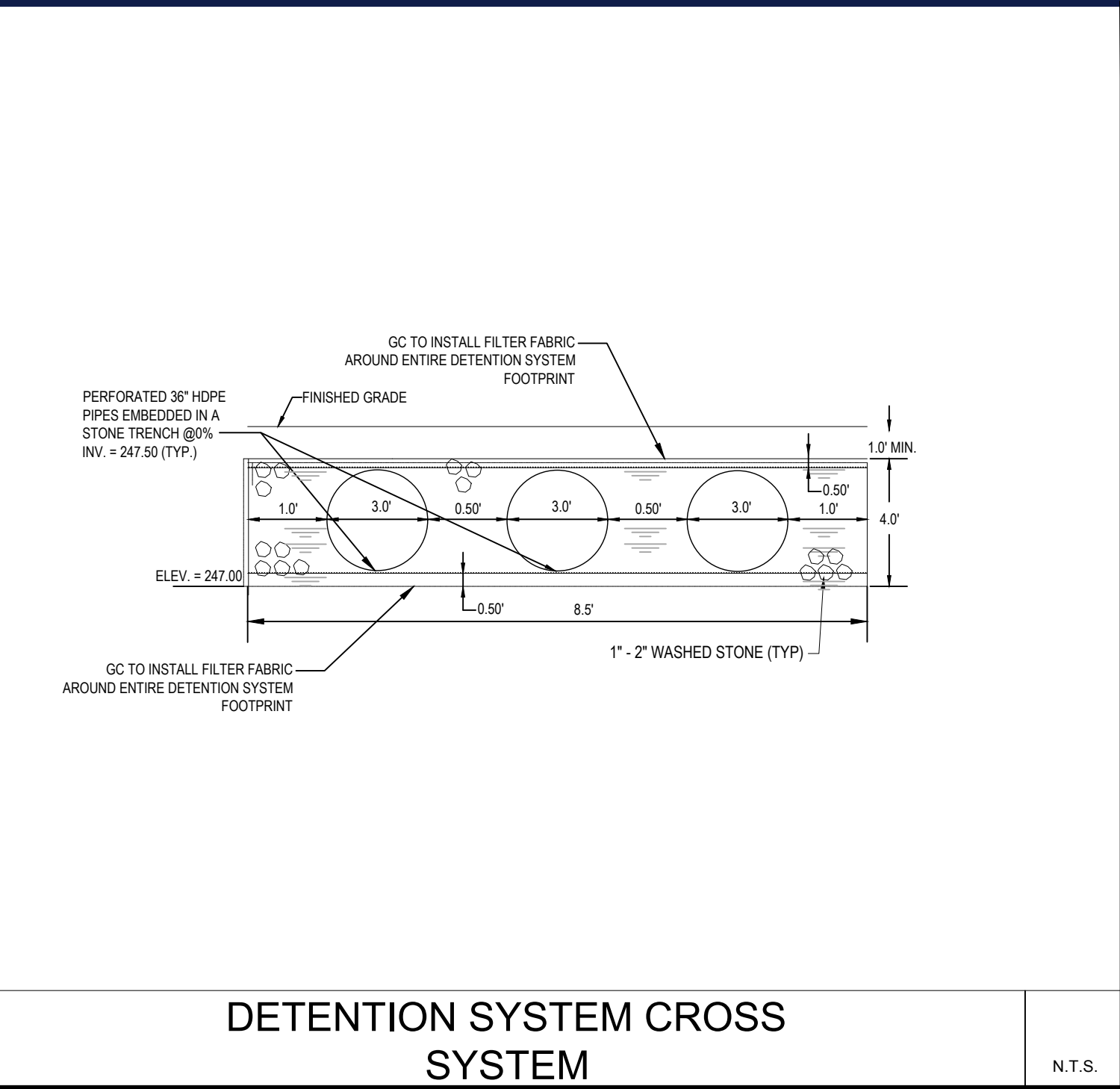
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SHEET NUMBER:
C-902
REVISION 16 - 07/14/2023



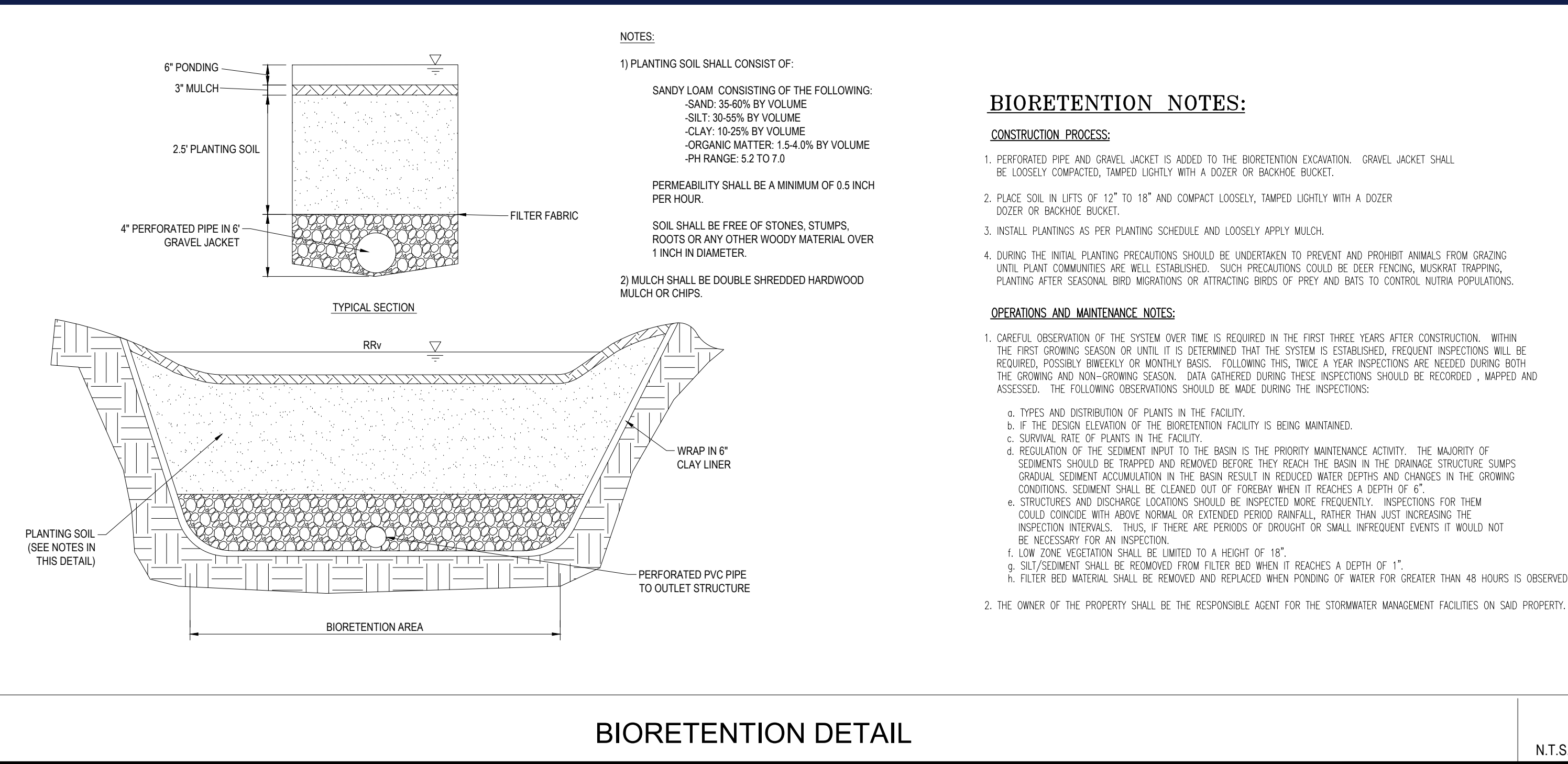
INTERNAL ROOF-LEADER COLLECTOR DETAIL

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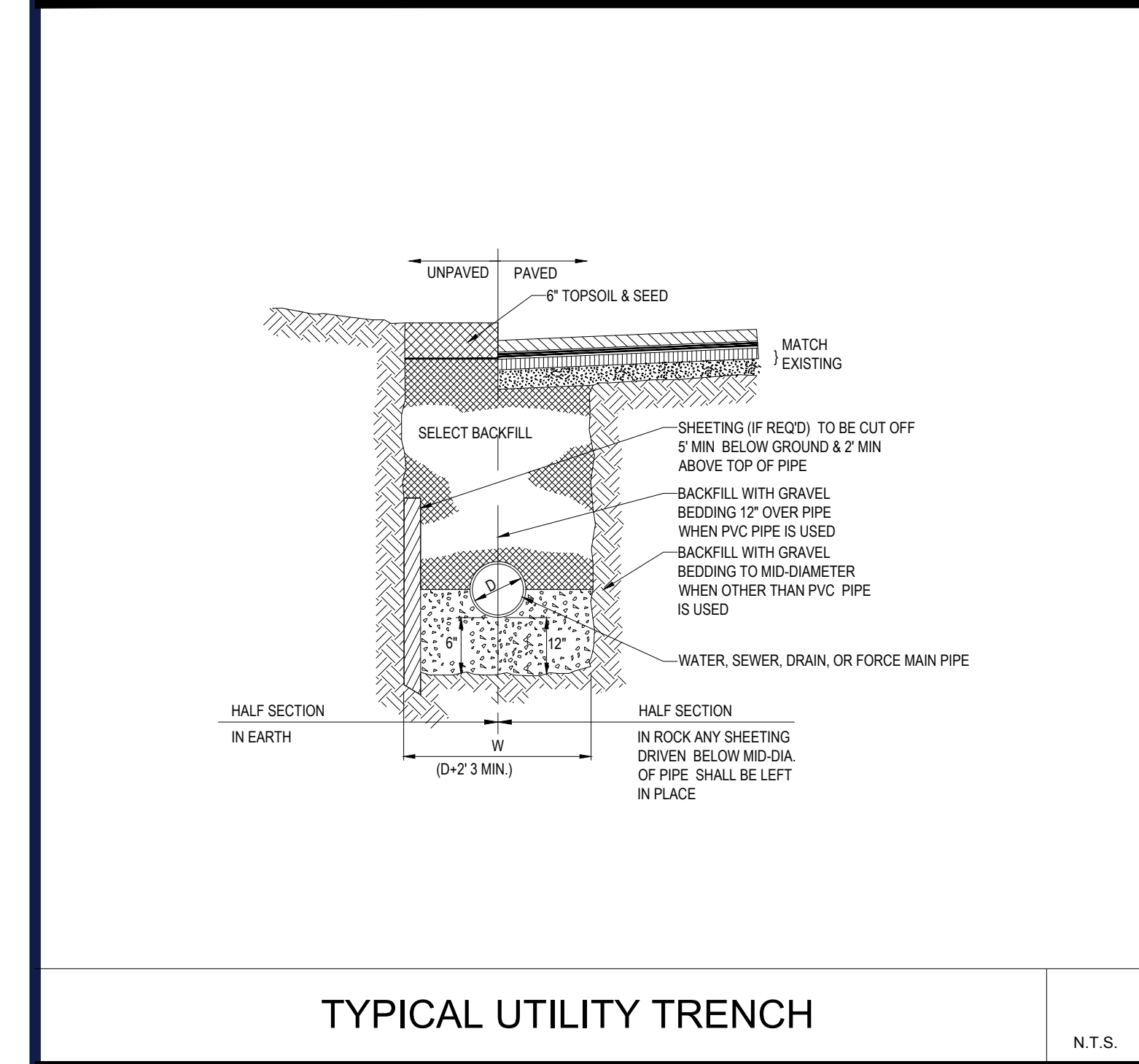
DETENTION SYSTEM CROSS SYSTEM

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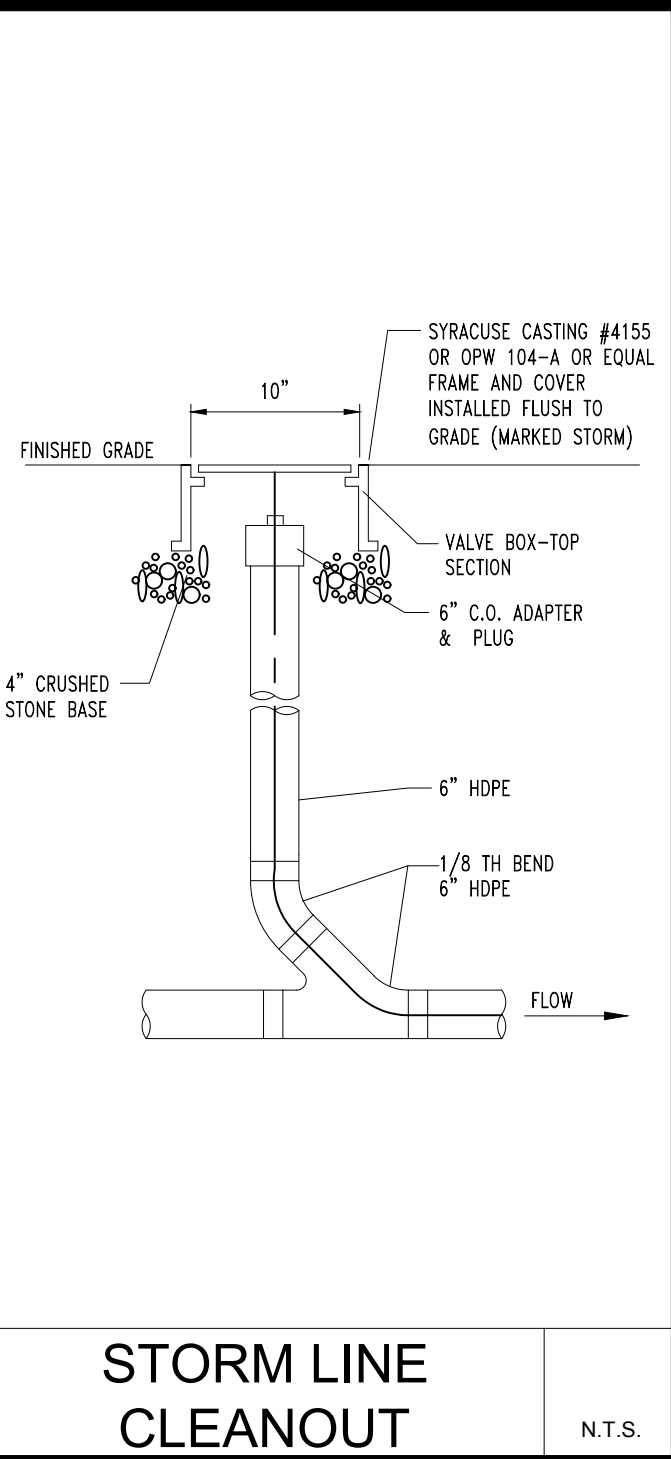
BIORETENTION DETAIL

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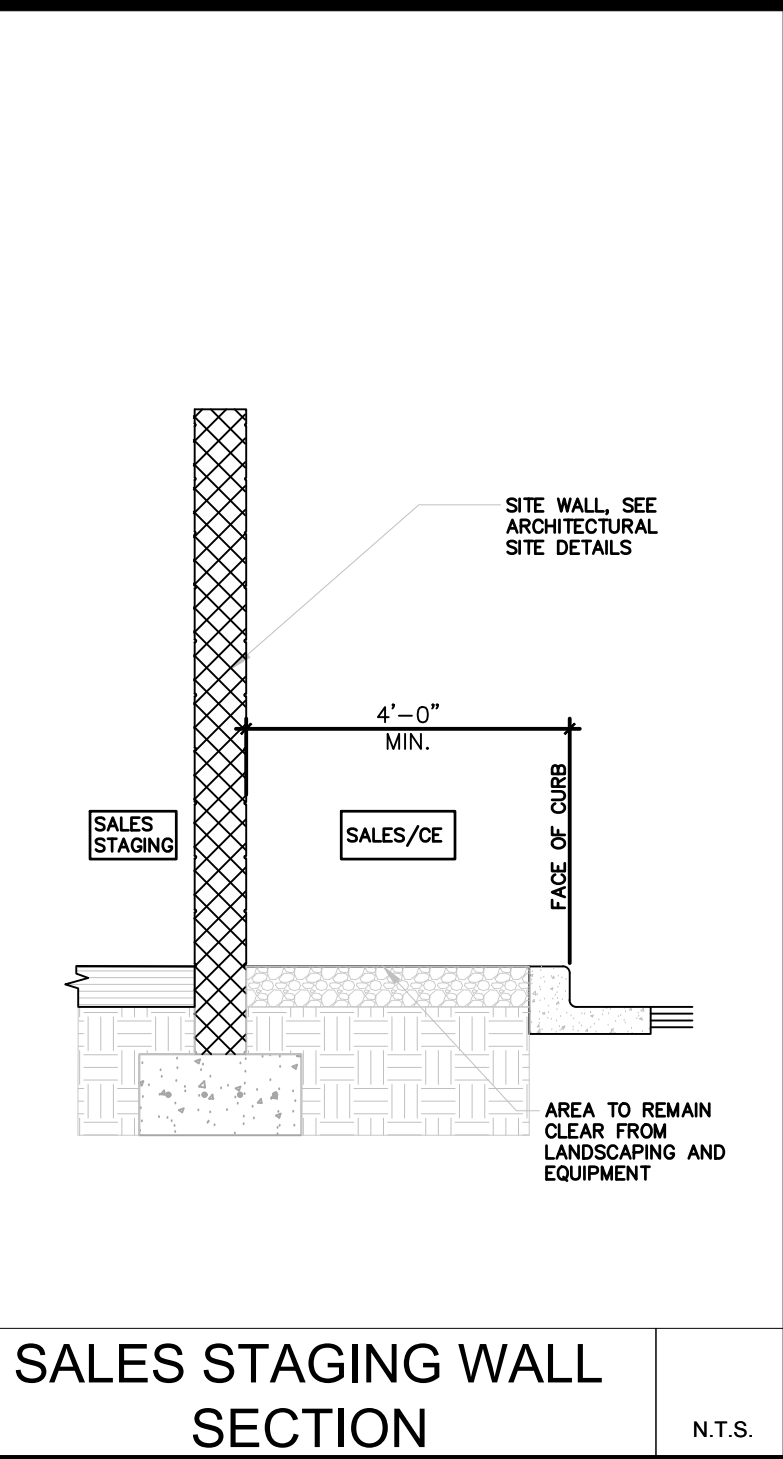
TYPICAL UTILITY TRENCH

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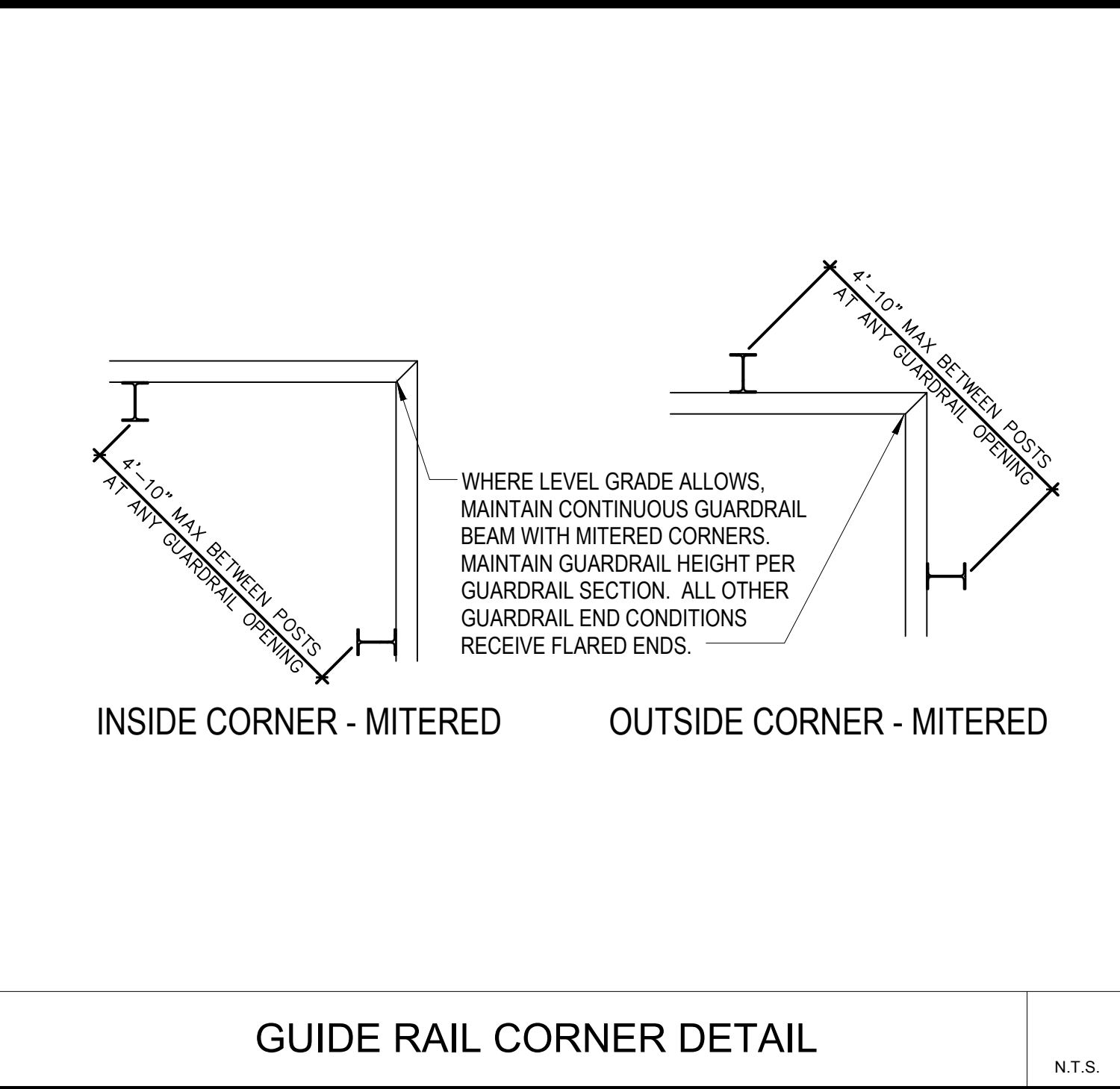
STORM LINE CLEANOUT

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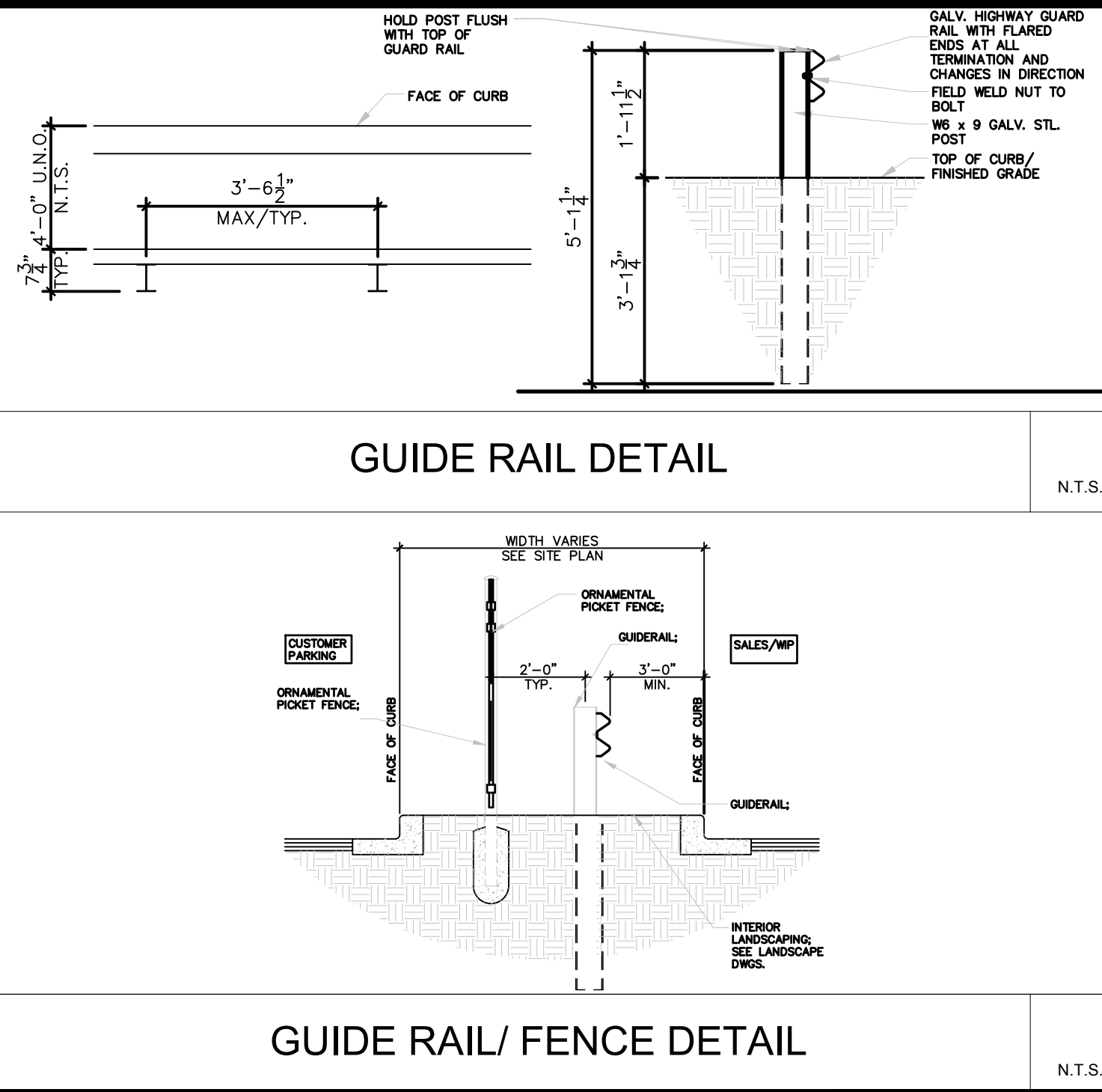
SALES STAGING WALL SECTION

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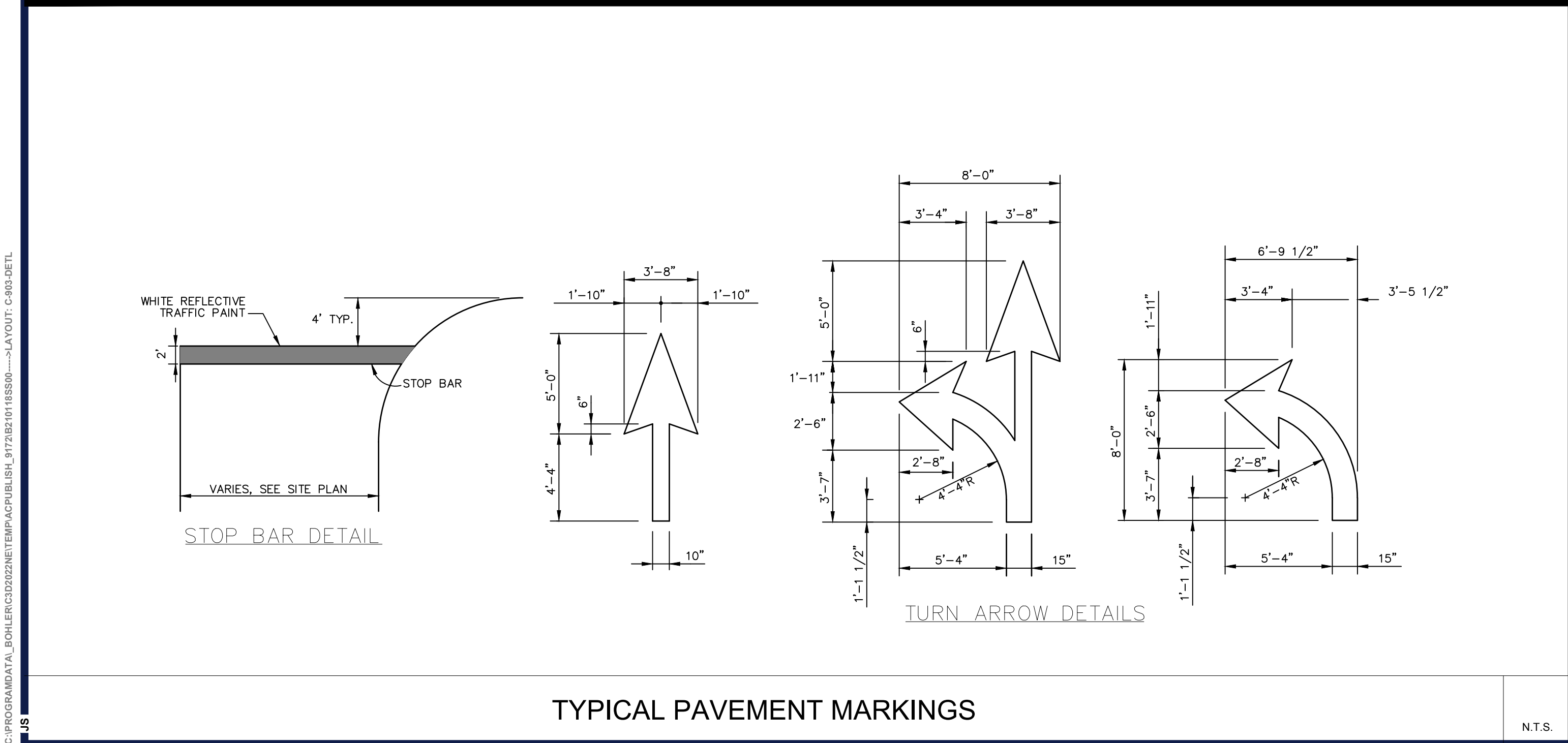
GUIDE RAIL CORNER DETAIL

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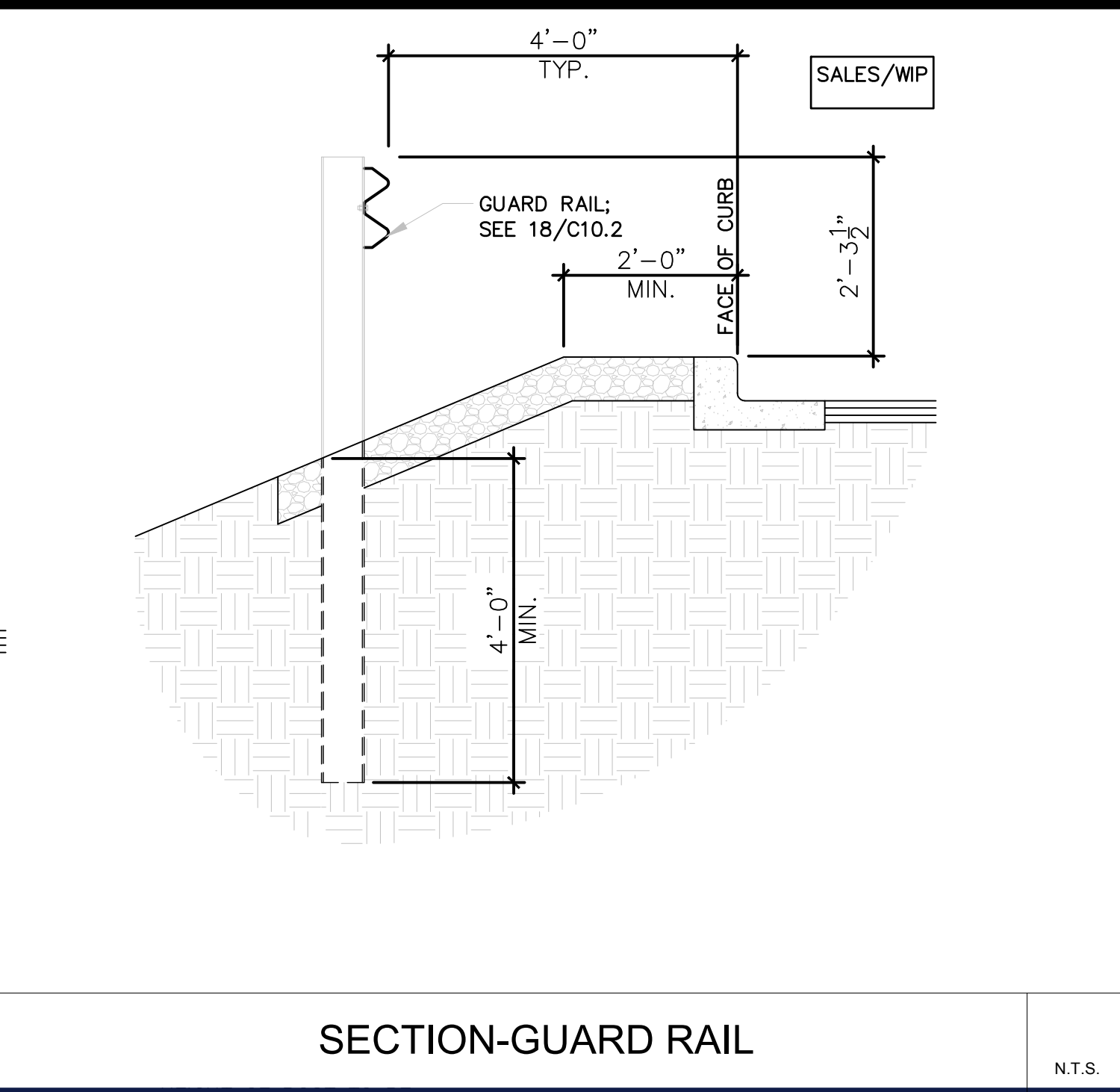
GUIDE RAIL/ FENCE DETAIL

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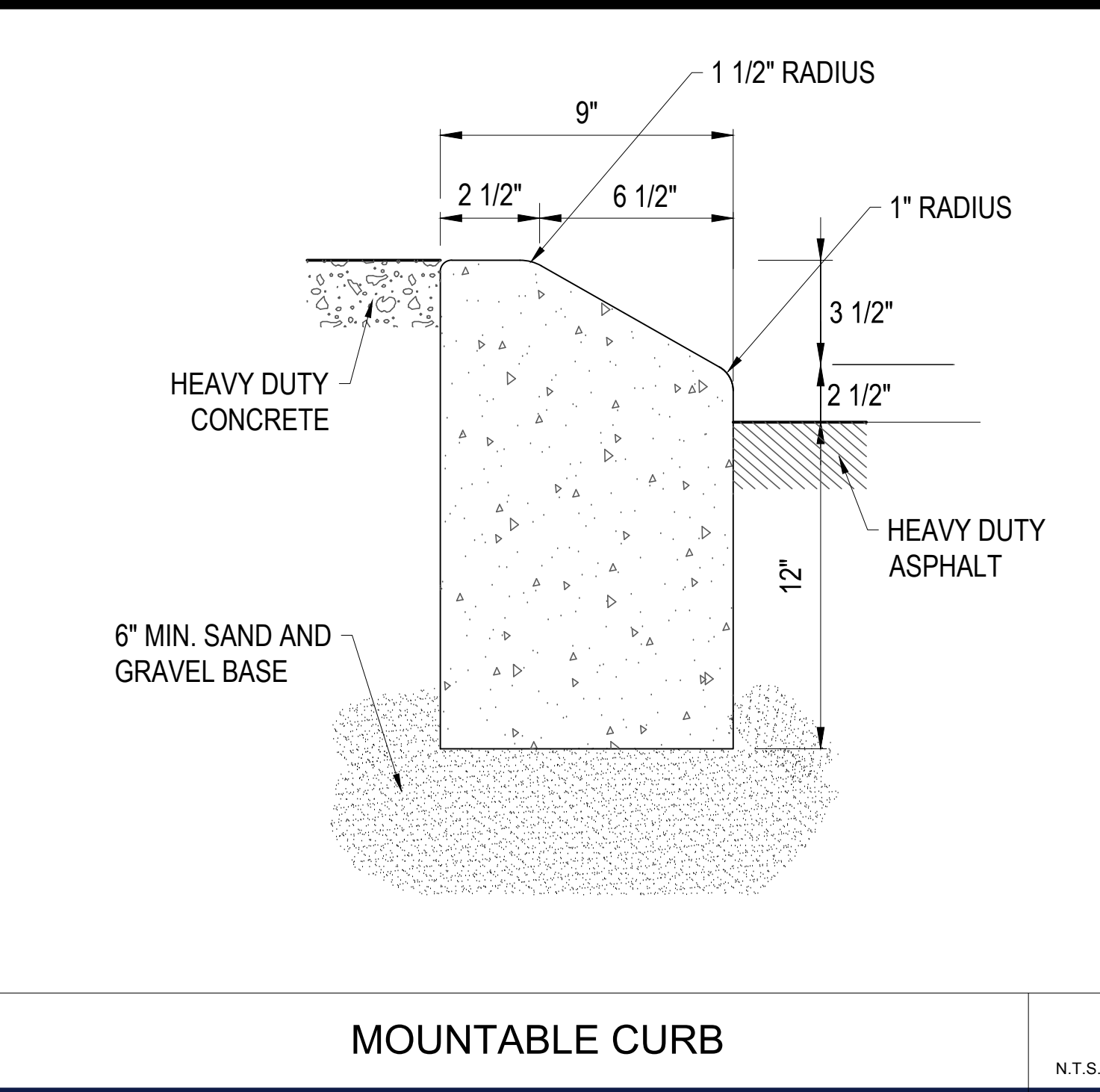
TYPICAL PAVEMENT MARKINGS

N.T.S.



SECTION-GUARD RAIL

N.T.S.



MOUNTABLE CURB

N.T.S.

TM

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PROJECT No.: B210118
DRAWN BY: MDL
CHECKED BY: RWO
DATE: 09/01/2021
CAD I.D.: B210118SS00

PROPOSED SITE PLAN DOCUMENTS

FOR

CARMAX AUTO SUPERSTORES, INC.

PROPOSED DEVELOPMENT

SEC. 6156-02- PARCEL 664996
1105-1115 ROUTE 9
TOWN OF WAPPINGER
DUTCHESS COUNTY,
NEW YORK

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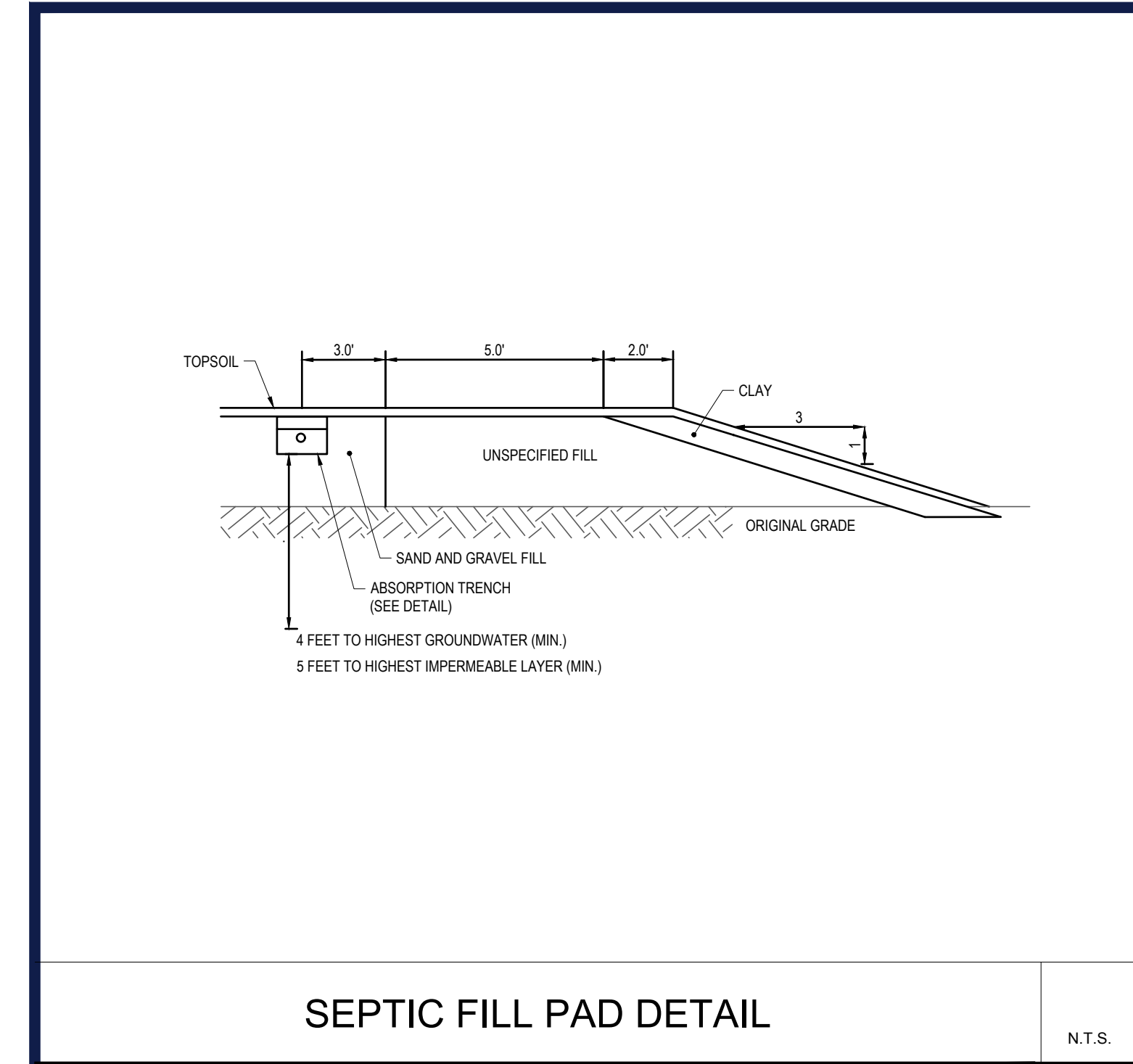
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DETAIL SHEET

SHEET NUMBER:

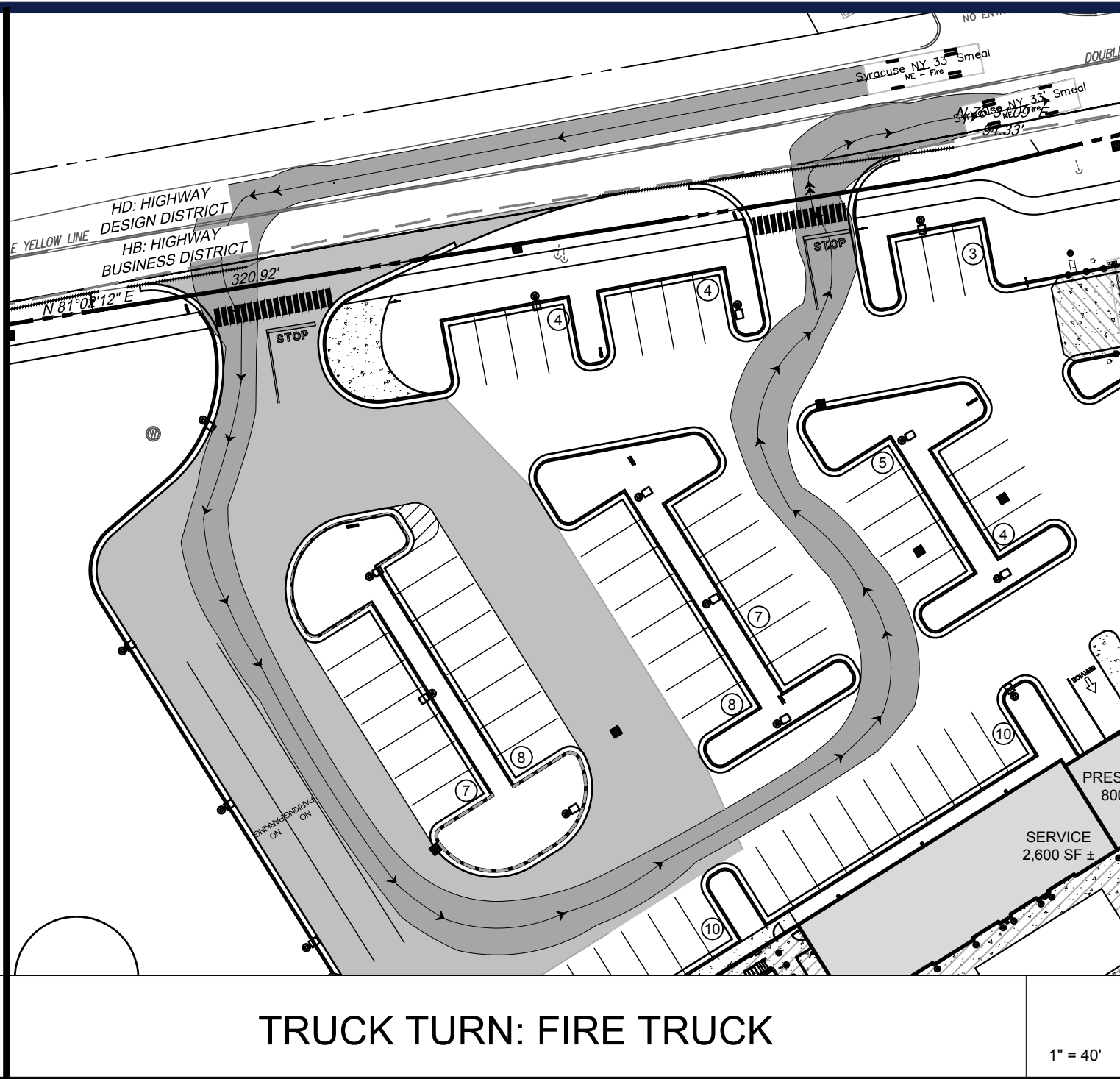
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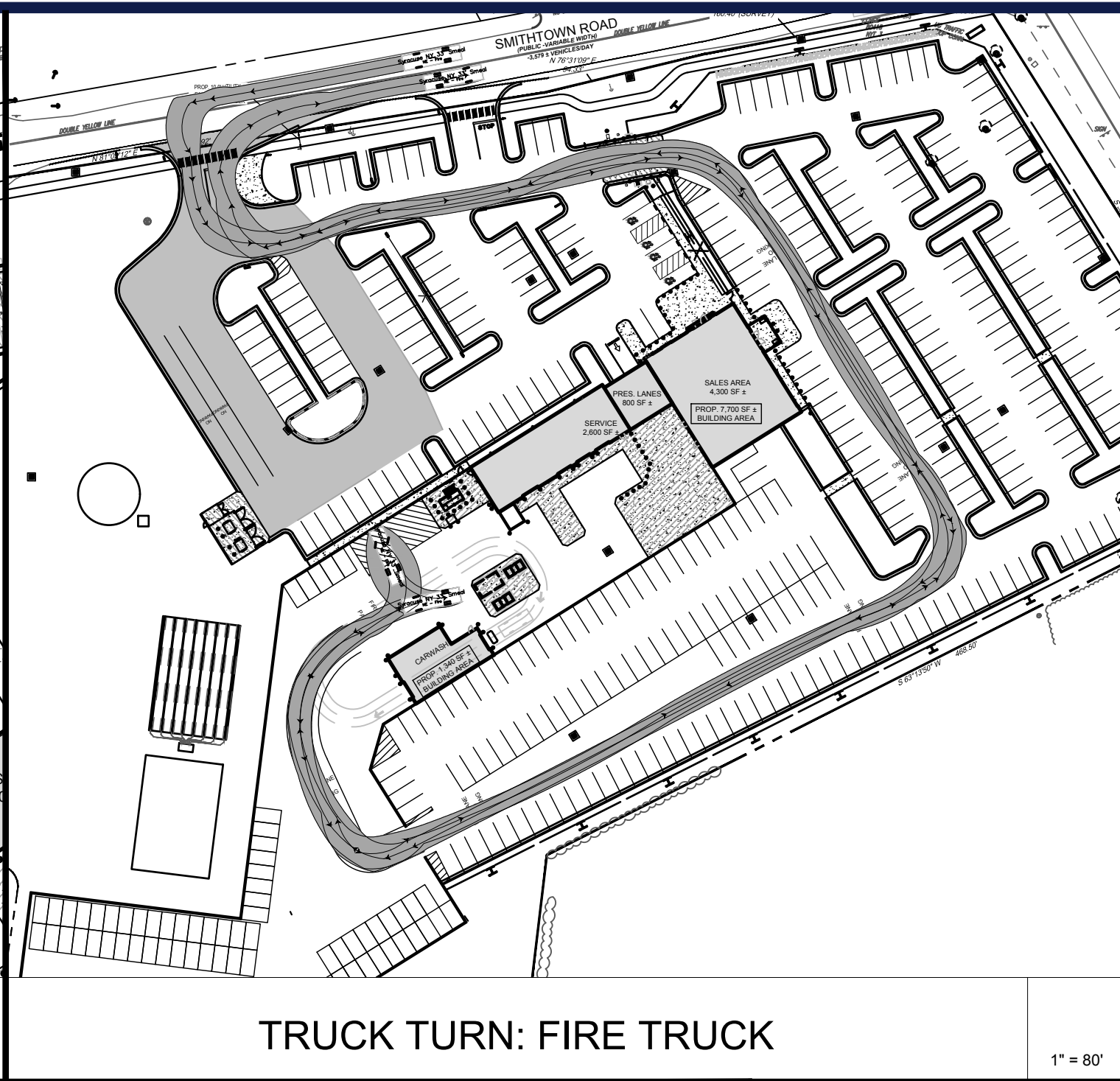
SEPTIC FILL PAD DETAIL

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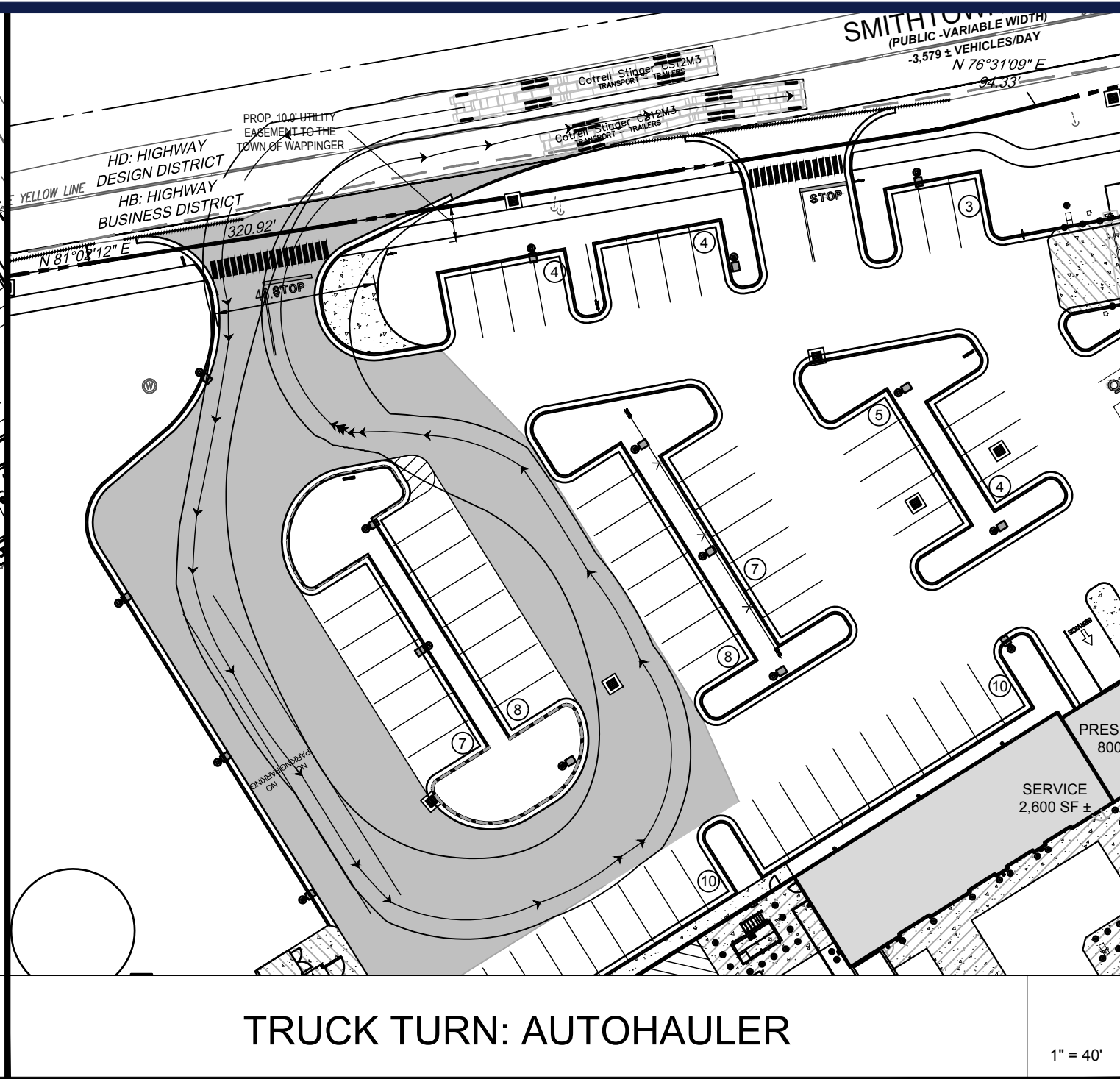
TRUCK TURN: FIRE TRUCK

1' = 40'



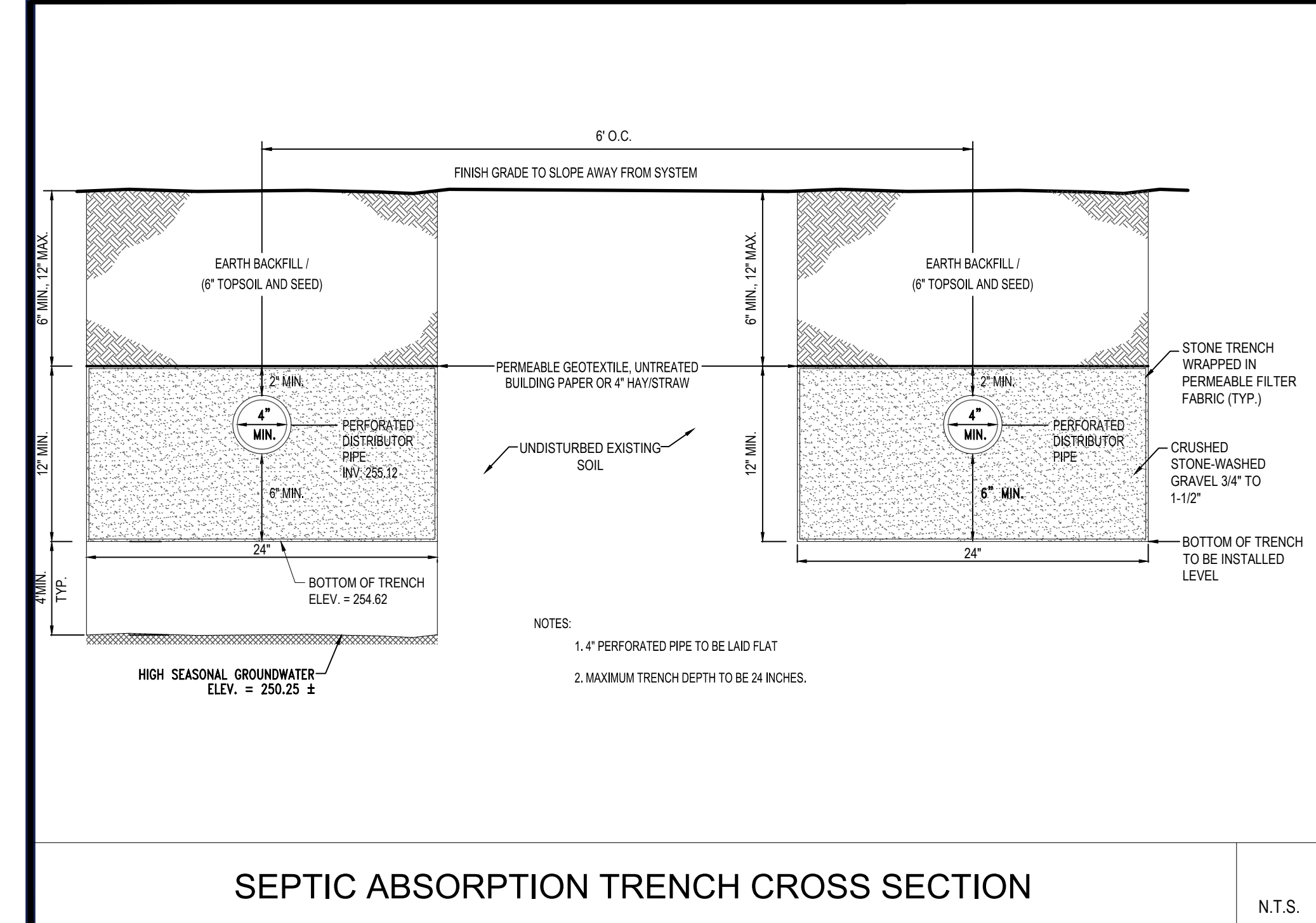
TRUCK TURN: FIRE TRUCK

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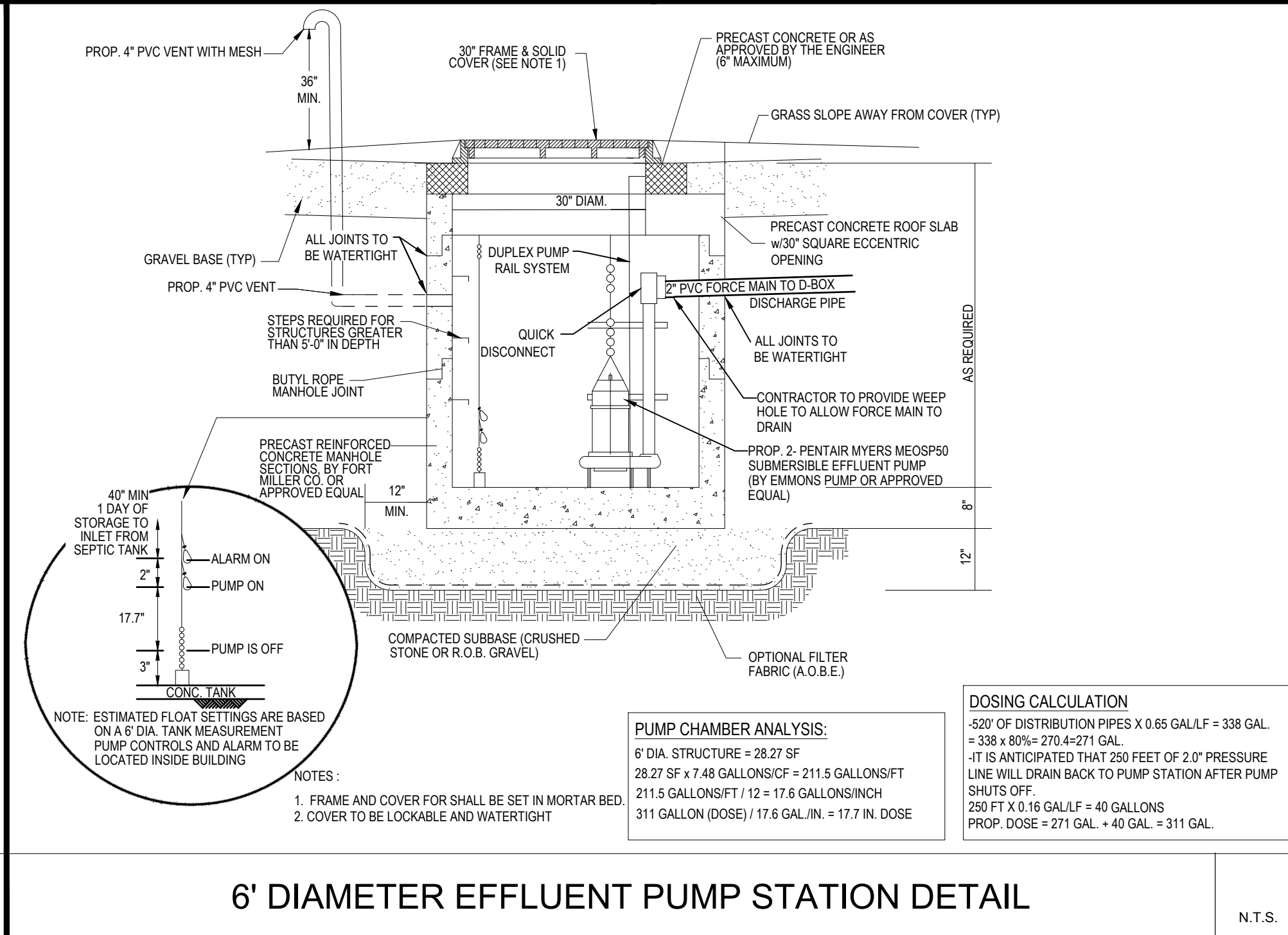
TRUCK TURN: AUTOHAULER

1' = 40'



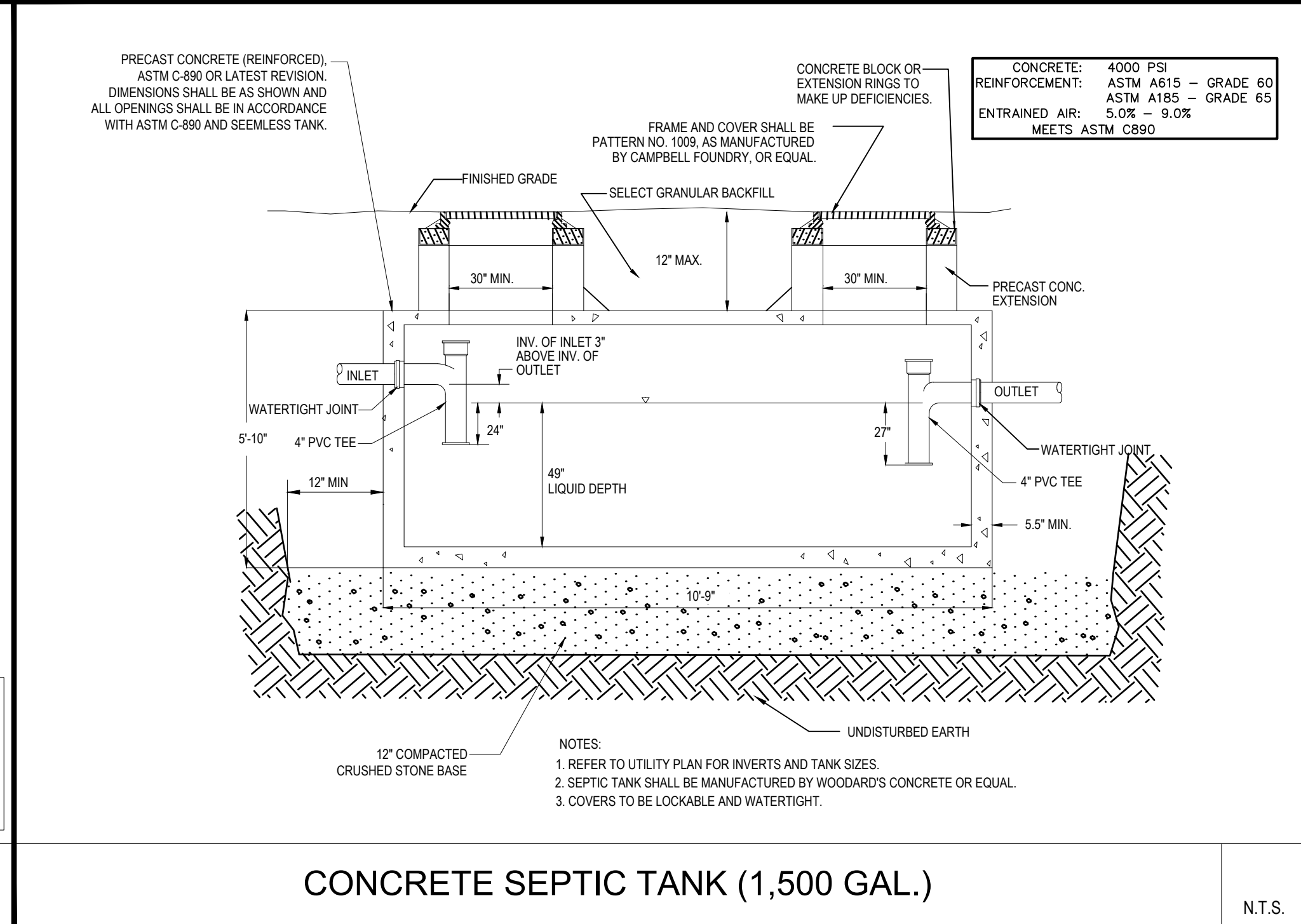
SEPTIC ABSORPTION TRENCH CROSS SECTION

N.T.S.



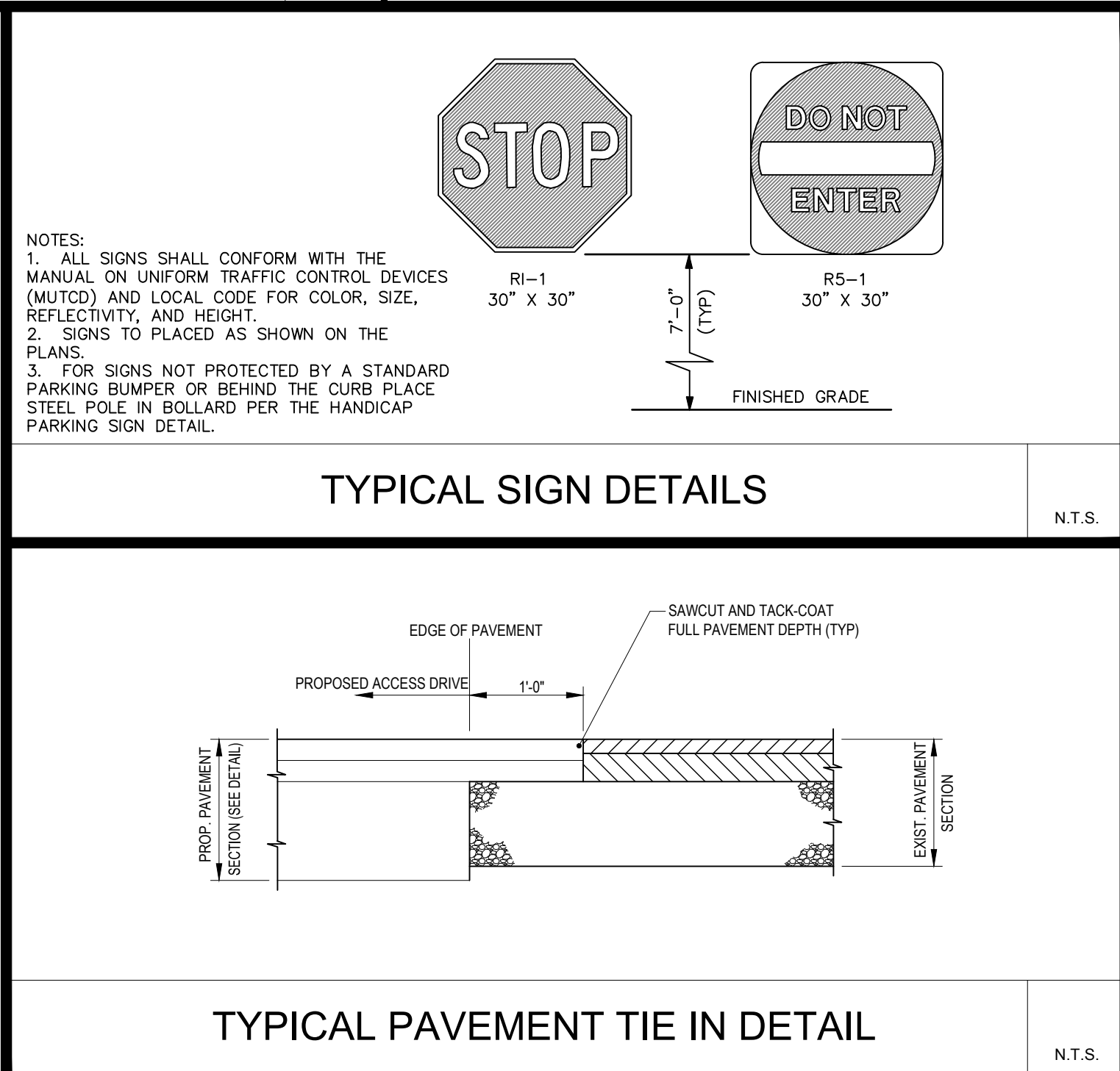
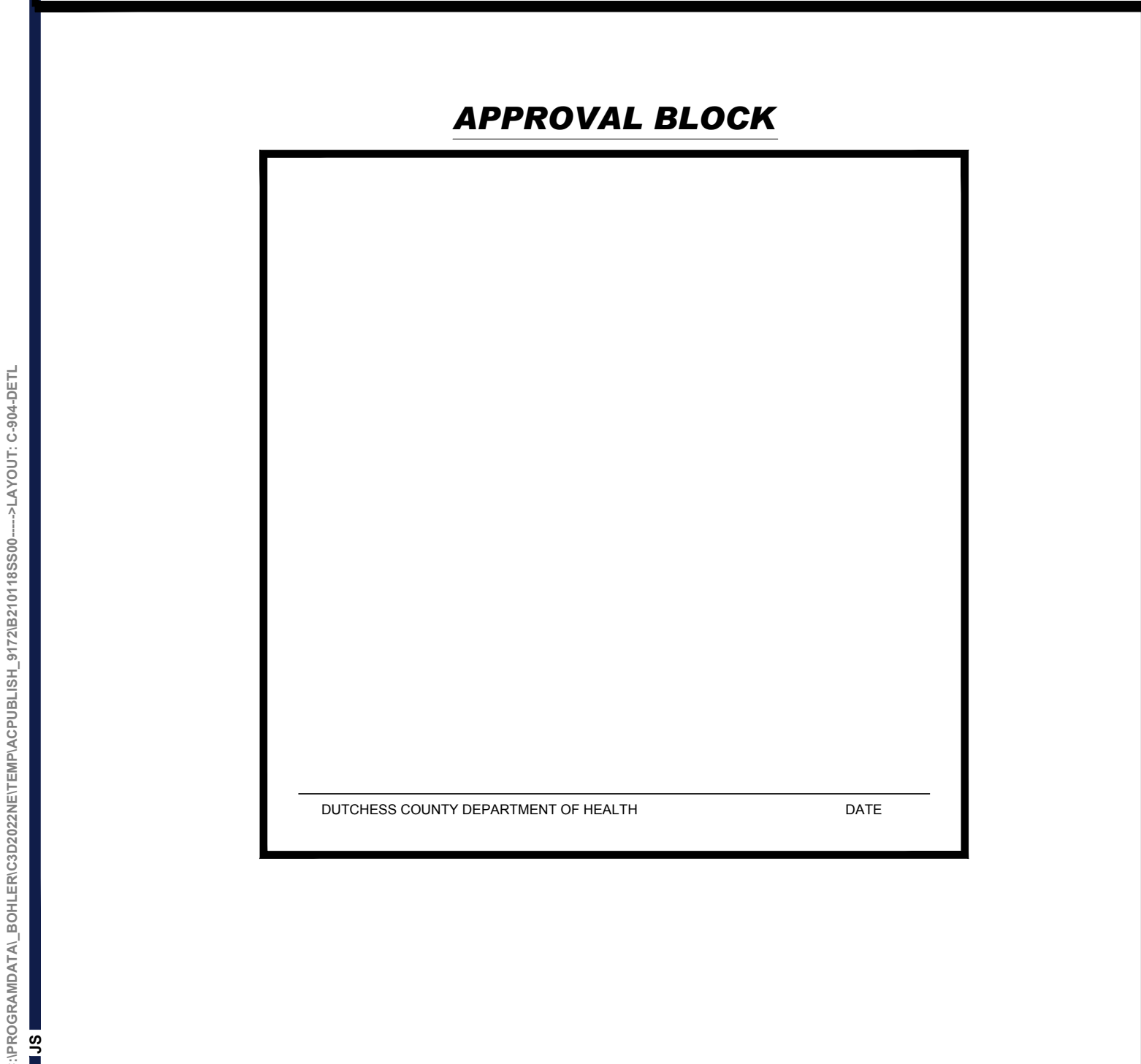
6' DIAMETER EFFLUENT PUMP STATION DETAIL

N.T.S.



CONCRETE SEPTIC TANK (1,500 GAL.)

N.T.S.

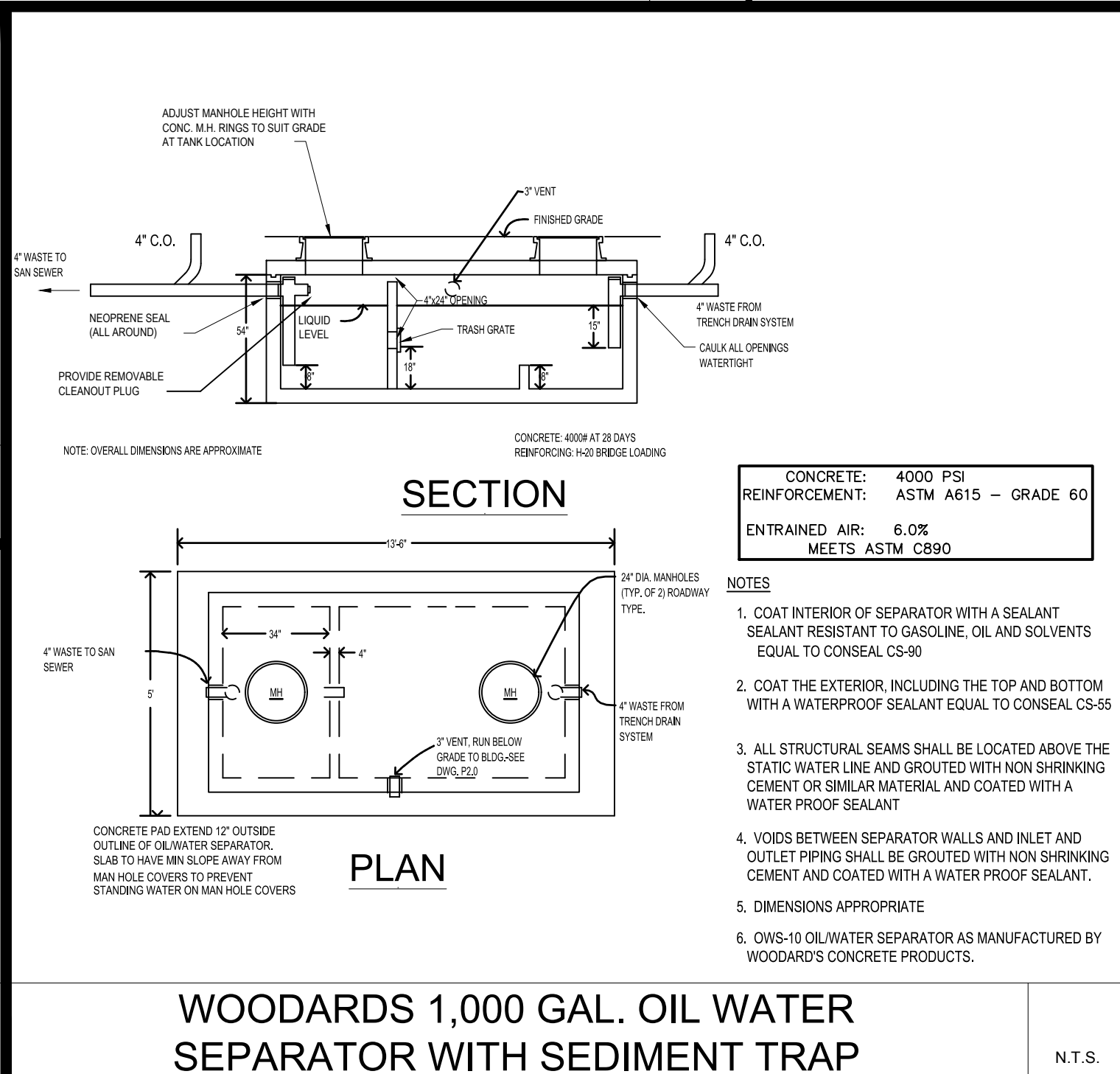


TYPICAL SIGN DETAILS

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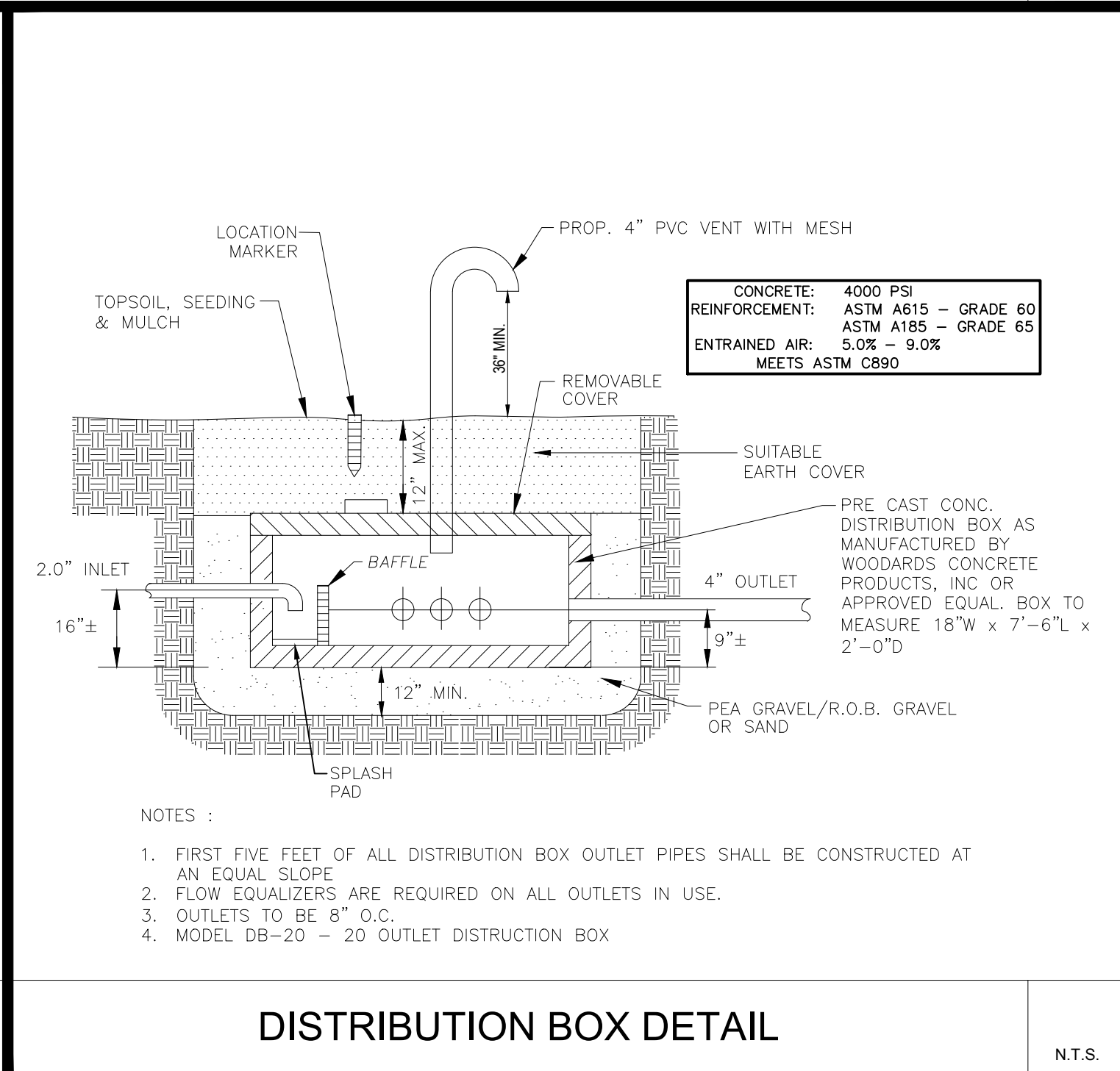
TYPICAL PAVEMENT TIE IN DETAIL

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WOODARDS 1,000 GAL. OIL WATER SEPARATOR WITH SEDIMENT TRAP

N.T.S.



DISTRIBUTION BOX DETAIL

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CAD I.D.: B210118SS00

PROJECT:
PROPOSED SITE PLAN DOCUMENTS
FOR
CARMAX AUTO SUPERSTORES, INC.
PROPOSED DEVELOPMENT
SEC. 6156-02- PARCEL 664996
1105-1115 ROUTE 9
TOWN OF WAPPINGER
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Figure 1 consists of two scatter plots. The left plot shows a positive correlation between the number of children and the number of adults, with a regression line. The right plot shows a negative correlation between the number of children and the number of adults, with a regression line.

Figure 1 consists of two scatter plots. The left plot shows a positive correlation between the number of children and the number of adults, with a regression line. The right plot shows a negative correlation between the number of children and the number of adults, with a regression line.

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1. *What is the purpose of the study?*
 2. *What are the research questions or hypotheses?*
 3. *What is the significance of the study?*

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SHEET TITLE: F

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DETAIL

DETAILS

SHEET

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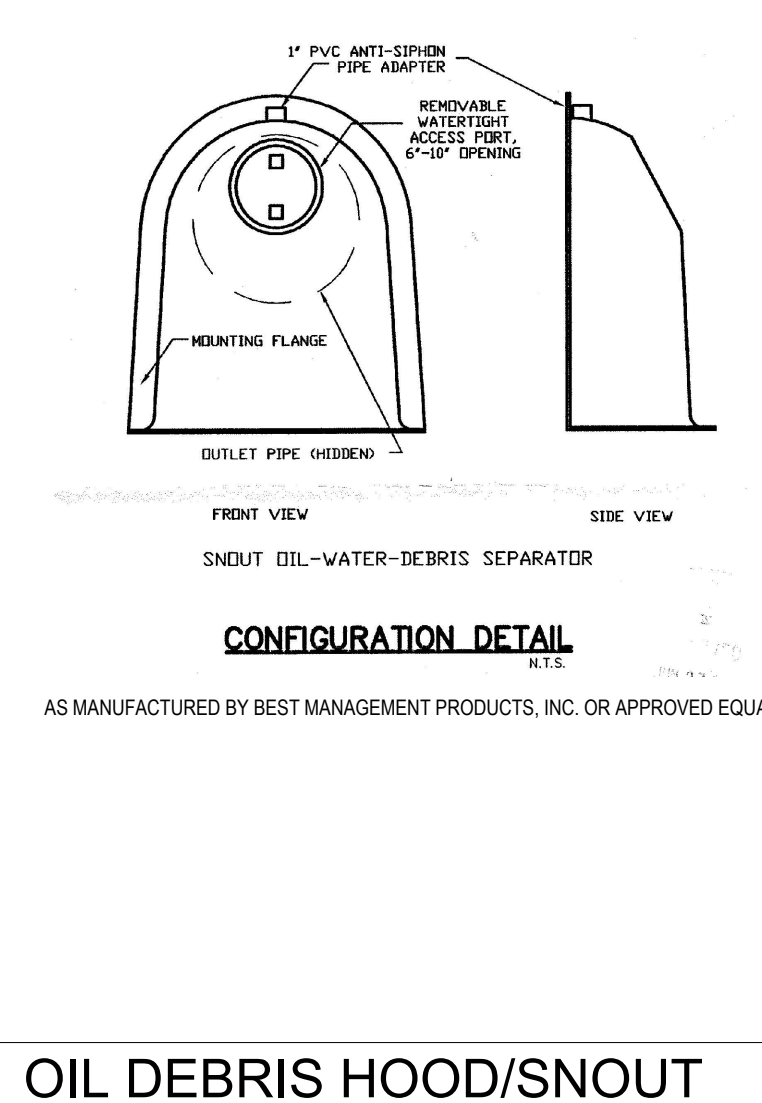
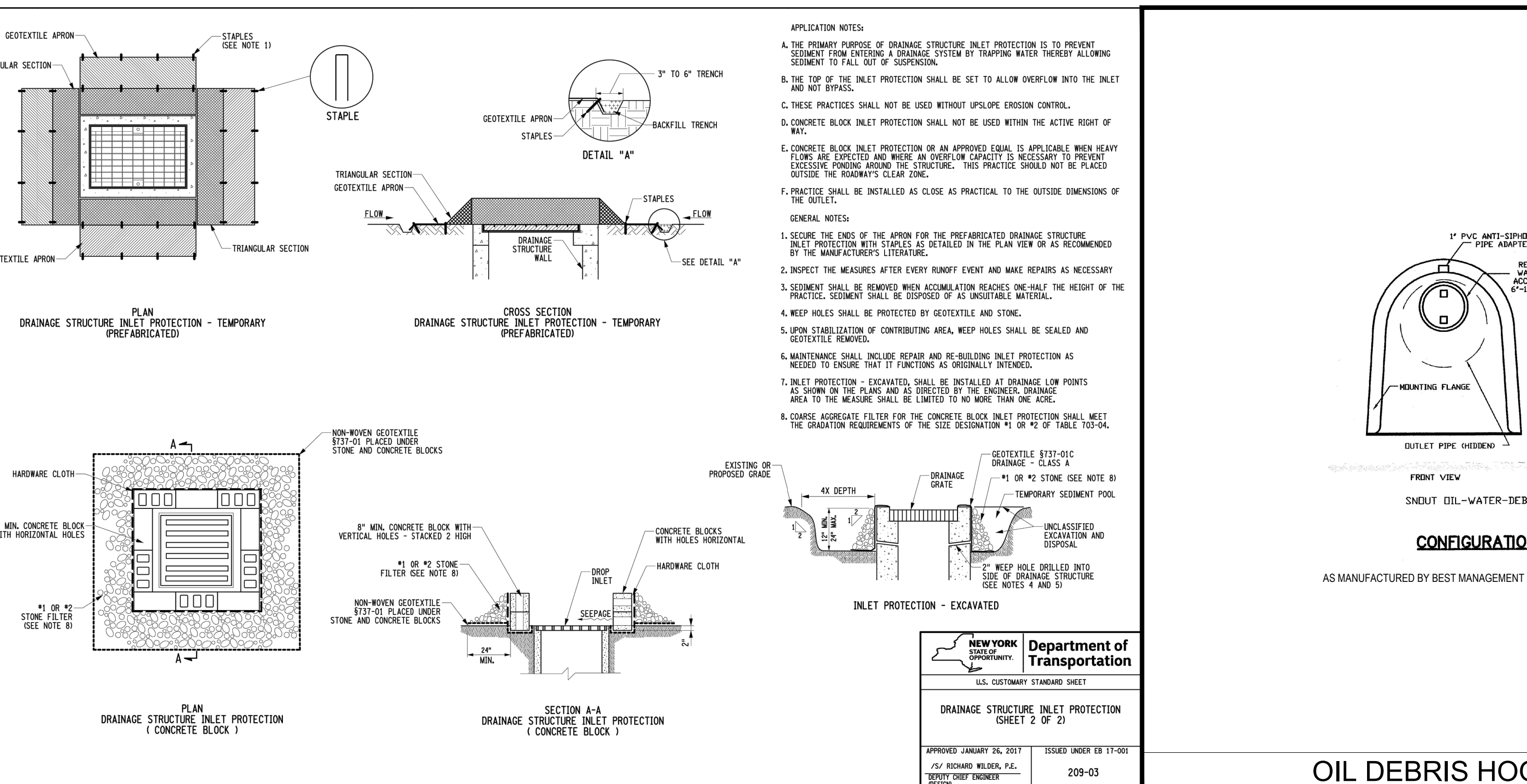
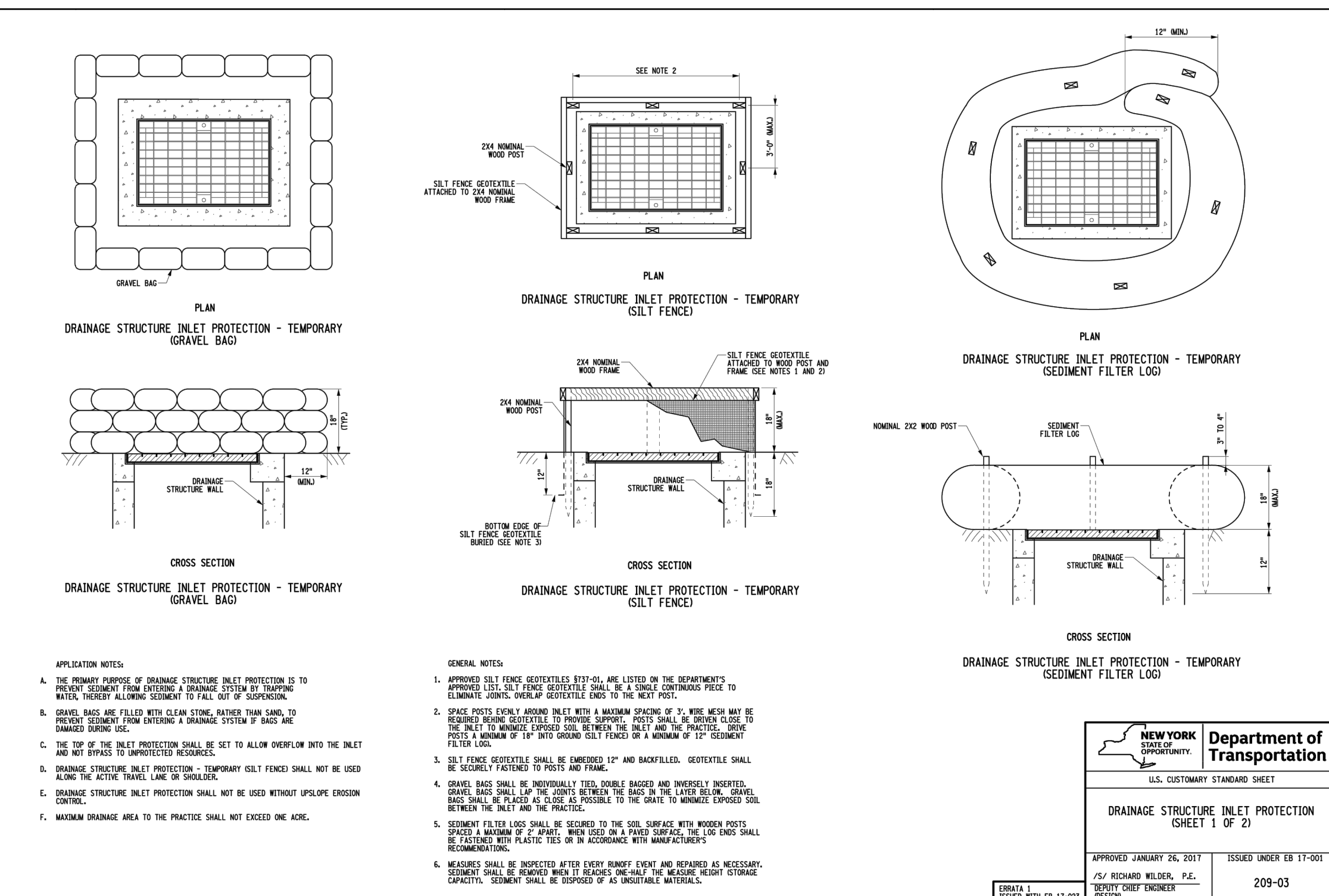
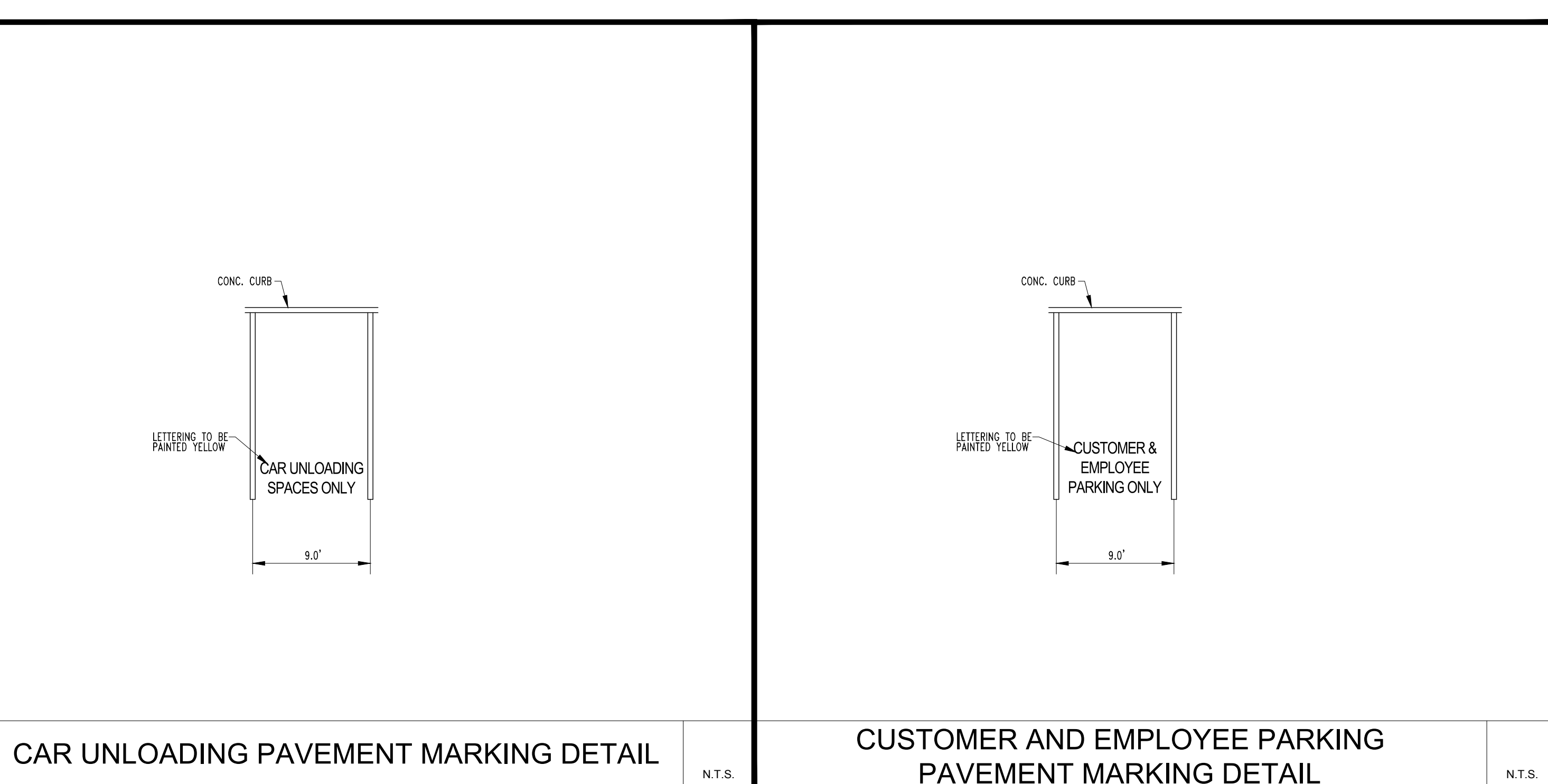
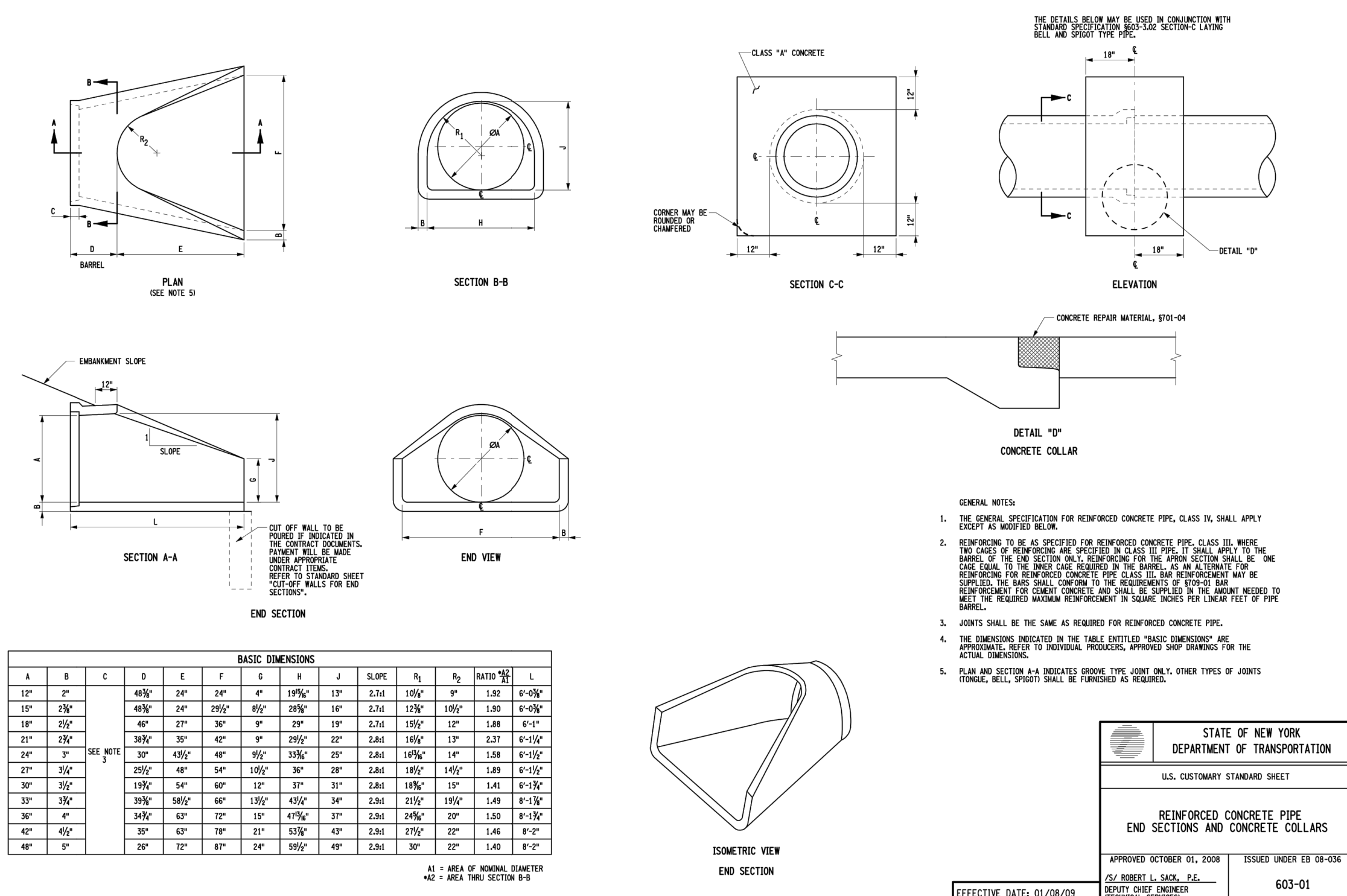
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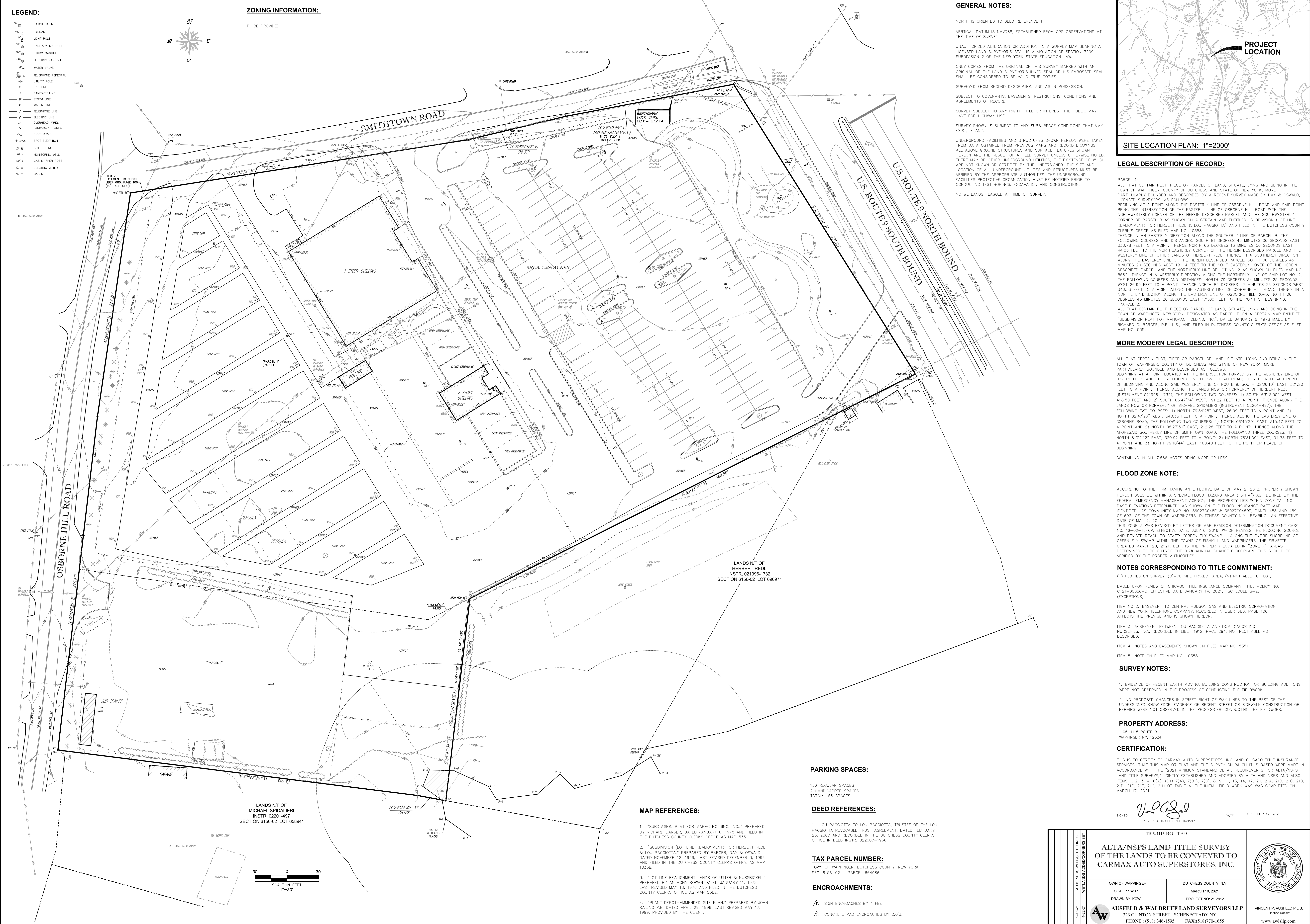
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REVISION 16 - 07/14/2023

REVISION 16 - 07/14/2023



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










PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	DIMMED TO %	LLD	LDD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts	Mounting Height	BUG Rating
	14	DLG	SINGLE	MRM-LED-36L-SIL-5W-30-70CRI	29%	0.900	1.000	0.330	0.297	36917	288	19'	B5-U0-G4
	1	DLG1	SINGLE	MRM-LED-48L-SIL-5W-30-70CRI	33%	0.900	1.000	0.375	0.338	47067	401	19'	B5-U0-G4
	9	DLG1-DIM	SINGLE	MRM-LED-48L-SIL-5W-30-70CRI	23%	0.900	1.000	0.265	0.239	47067	401	19'	B5-U0-G4
	2	DLG2	SINGLE	MRM-LED-24L-SIL-5W-30-70CRI	29%	0.900	1.000	0.330	0.297	25037	176	19'	B5-U0-G3
	5	DLG	SINGLE	MRM-LED-24L-SIL-FT-30-70CRI	32%	0.900	1.000	0.360	0.324	25964	176	19'	B3-U0-G4
	28	DLG1	SINGLE	MRM-LED-36L-SIL-FT-30-70CRI-IL	29%	0.900	1.000	0.330	0.297	24242	288	19'	B1-U0-G4
	4	DLG1-DIM	SINGLE	MRM-LED-36L-SIL-FT-30-70CRI-IL	25%	0.900	1.000	0.280	0.252	24242	288	19'	B1-U0-G4
	4	DLW	SINGLE	XWM-FT-LED-08L-30	33%	0.900	1.000	0.375	0.338	8120	64	13' 4"	B2-U0-G2
	19	DLW1	SINGLE	XWM-FT-LED-08L-30	22%	0.900	1.000	0.250	0.225	8120	64	13' 4"	B2-U0-G2

ALL FIXTURES ARE 3000K COLOR TEMPERATURE
ALL PERIMETER FIXTURES HAVE INTEGRAL LOUVERS

*BUILDING MOUNTED FIXTURES (DLW & DLW1) TO BE MOUNTED AT 13'-4" ABOVE FINISHED GRADE"
NOTE: ALL 17' POLES TO BE MOUNTED ON CONCRETE PEDESTALS
2' ABOVE GRADE, FOR A TOTAL MOUNTING HEIGHT OF 19'.

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE	Illuminance	Fc	0.0	0.1	0.0	N.A.	N.A.
DLAREA INSIDE PROPERTY LINE	Illuminance	Fc	1.5	5.0	0.0	N.A.	N.A.

MRM Fixture w/IL



IL
Integral Louver
Shield



Sight of the LEDs



Distance from pole

7'

19'

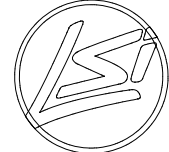


MRM



XWM

Total Project Watts
Total Watts = 19962



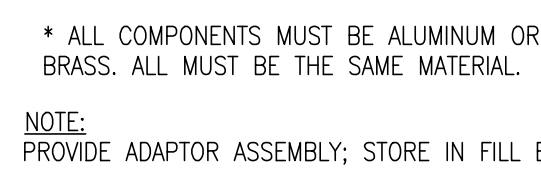
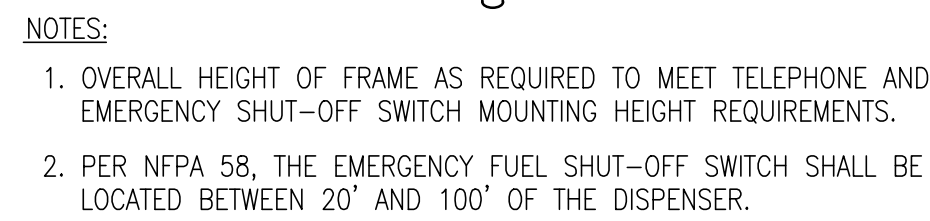
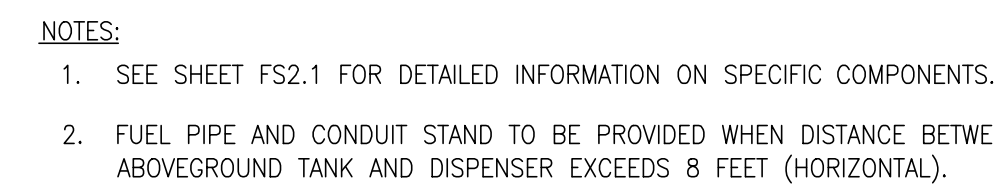
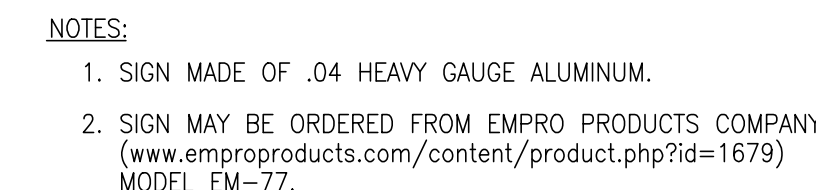
LIGHTING PROPOSAL LO-155279-18

CARMAX
RT 9, WAPPINGER, NY
(820118 - 2022-07-29 - Site Plan CAD.dwg)

BY:ANK DATE:8/11/22 REV:1/27/23 SHEET 1 OF 1

SCALE: 1"=40'

0 10 20 30 40



LATEST DA/PC DA22-014/PC21-020

DRAWN BY: TSS

CHECKED BY: MLW

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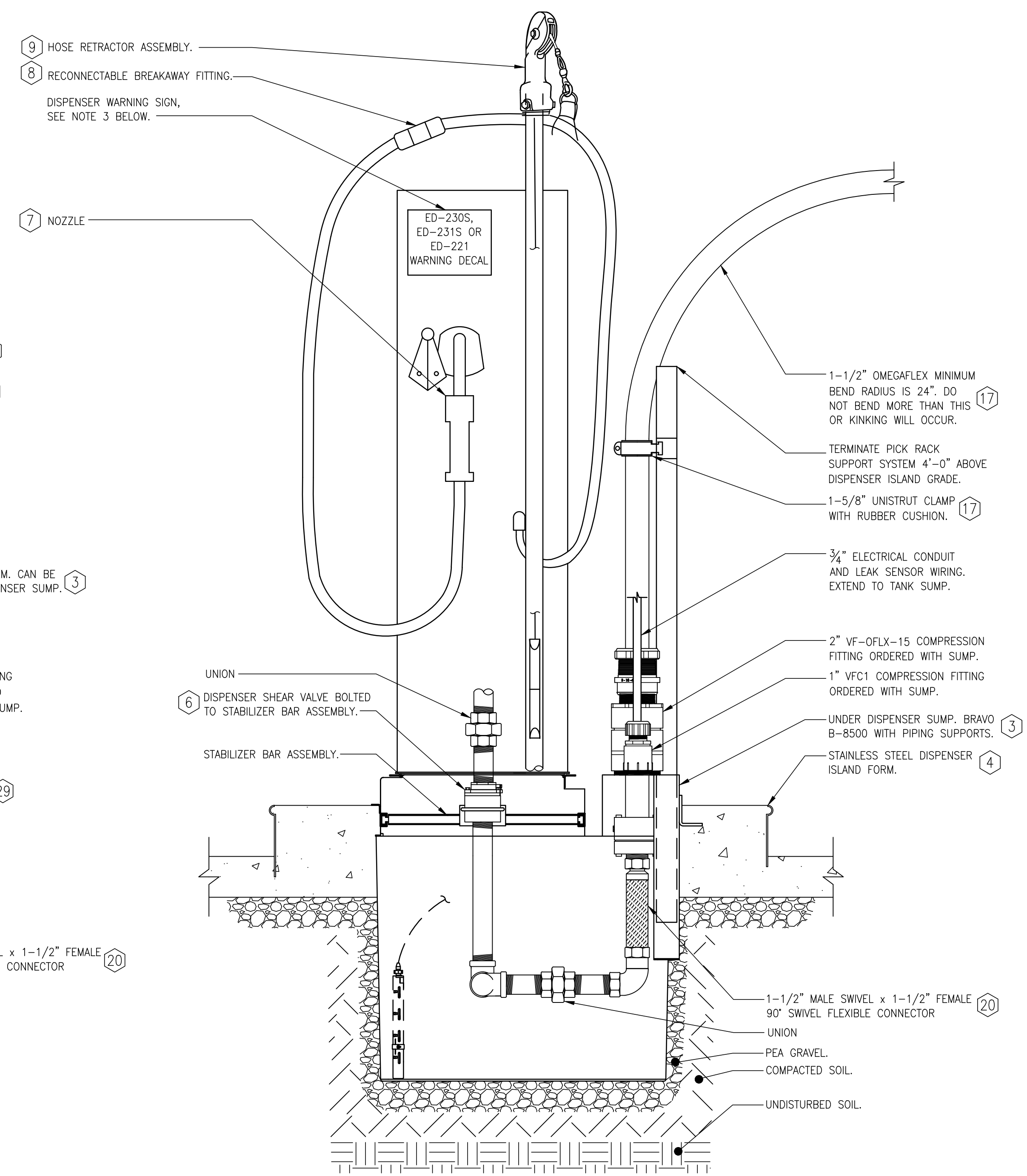
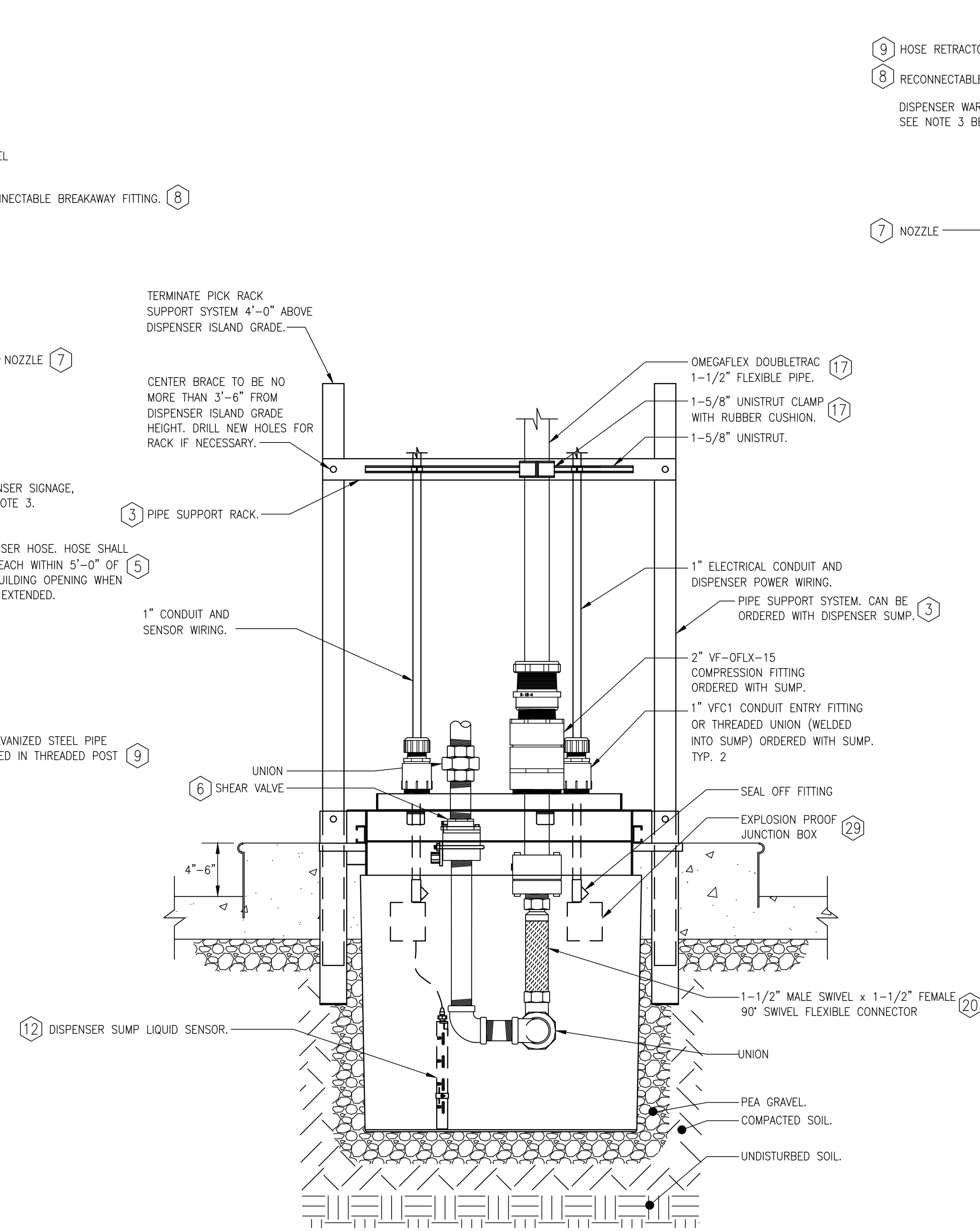
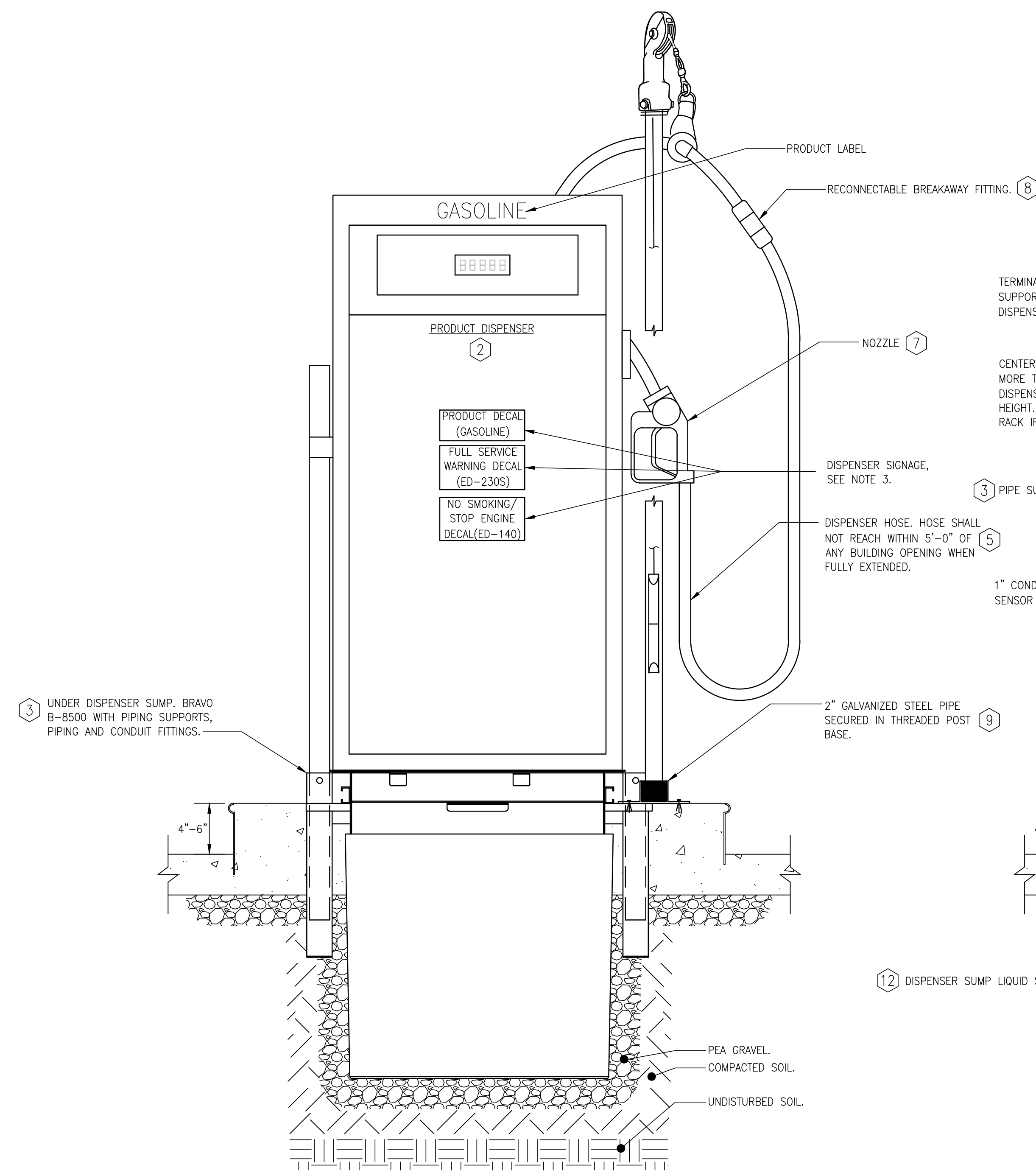
PROJECT NO.	20-20192.02
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DATE	06/15/2022
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SHEET TITLE
FUEL STORAGE SYSTEM
MISCELLANEOUS
DETAILS

SHEET NO.

FS3.0



NOTE:

1. DISPENSER NOT SHOWN FOR CLARITY.
2. PERSONS INSTALLING OMEGAFLEX PIPING MUST BE TRAINED AND CERTIFIED BY OMEGAFLEX.
3. PROVIDE THE FOLLOWING DISPENSER SIGNAGE ON LOCATIONS INDICATED: WARNING DECAL PART NUMBER ED-230F, ED-231S or ED-221 SELF SERVE. SIGNAGE MAY BE PURCHASED FROM EMPRO PRODUCTS COMPANY (800-752-0675, orders@emproproducts.com).

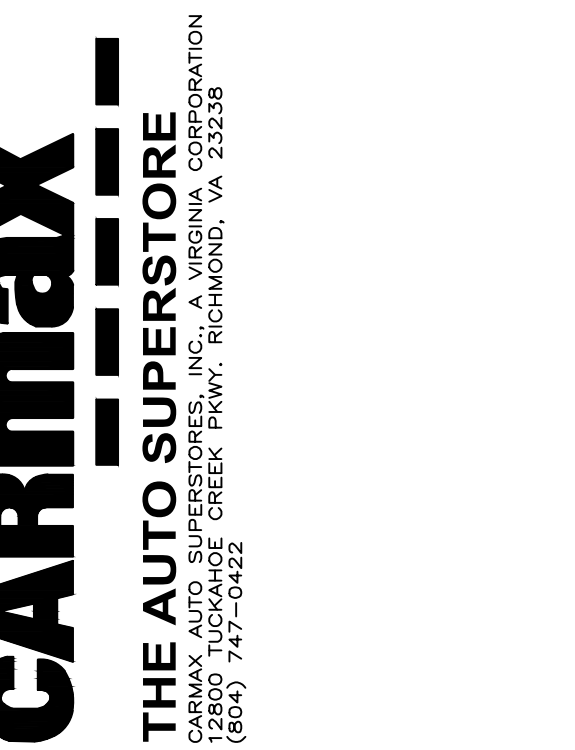


NOT RELEASED FOR CONSTRUCTION

TEST DA/PC DA22-014/PC21-020

DRAWN BY: TSS

CHECKED BY: MLW

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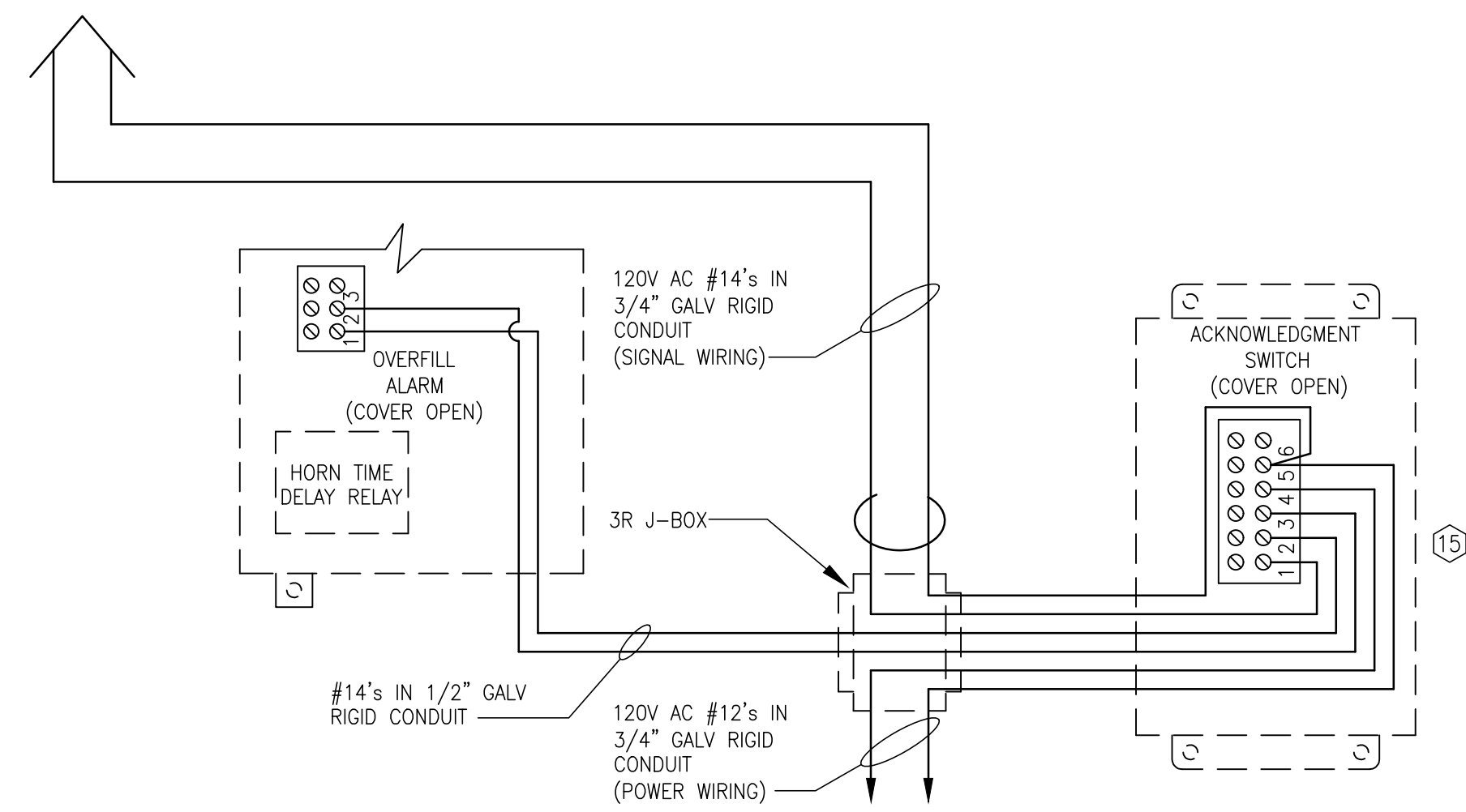
PROJECT NO.	20-20192.02
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06/15/2022

SHEET TITLE

FUEL DISPENSER INSTALLATION DETAILS

SHEET NO.



INSIDE THE MODULE AREA OF BOTH THE TLS-450 PLUS CONSOLE AND THE EXPANSION BOX, ANY COMBINATION OF UP TO FOUR MODULES MAY BE INSTALLED. 1/0 MODULES PROVIDE WIRING TERMINALS FOR THE CONNECTION OF EQUIPMENT INSTALLED IN NON-HAZARDOUS LOCATIONS. THE USM (UNIVERSAL SENSOR MODULE) PROVIDES WIRING TERMINALS FOR THE CONNECTION OF INTRINSICALLY SAFE APPARATUS.

THE ELECTRONICS LOGIC IN THE BARRIER CIRCUIT OF THE USM MODULE FORMS AN INTRINSICALLY SAFE SYSTEM. LIMITED SYSTEM, PROBE AND SENSORS CONNECTED TO THE OUTPUT TERMINALS OF THE USM MODULE ARE CONSIDERED INTRINSICALLY SAFE APPARATUS AND ARE APPROVED FOR USE IN CLASS 1, GROUP D HAZARDOUS (CLASSIFIED) LOCATIONS.



COMMENTS:

(1) ALL VEEDER-ROOT (V-R) CONSOLES AND COMPONENTS SHALL BE INSTALLED BY V-R CERTIFIED TECHNICIANS, PER V-R INSTRUCTIONS. SEE PROJECT SPECIFICATIONS.

(2) SPECIFICATIONS FOR "VEEDER-ROOT SYSTEM SETUP AND CONFIGURATION REQUIREMENTS" AS WELL AS "POST SYSTEM CHECKLIST" ALL LEAK SENSORS AND CRITICAL FUEL LEVEL ALARMS SHALL BE DISPLAYED ON THE V-R CONSOLE AND SAVED IN THE ALARM HISTORY.

(3) V-R INSTALLATION KIT SHALL BE PROVIDED WITH INVENTORY PROBE. MATCH INSTALLATION KIT TO PROBE FLOAT SIZE (2", 3", OR 4").

(4) TESTING: FLOAT-TYPE LEAK SENSORS (SUMP, TANK INTERSTITIAL, ETC.) TESTED BY INVERTING (10 SECONDS, MINIMUM).



FS5.0 SCALE: NOT TO SCALE

NOTES:

1. THIS SCHEMATIC IS GENERIC. THE NUMBER AND TYPE OF SENSORS AND PROBES WILL BE DIFFERENT FOR EACH SPECIFIC INSTALLATION.
2. WIRING TO PROBE AND SENSORS MUST SHIELDED REGARDLESS OF CONDUIT MATERIAL OR APPLICATION. SHIELDED CABLE WILL BE RATED LESS THAN 100 PICOFARAD PER FOOT, AND BE MANUFACTURED WITH A MATERIAL SUITABLE FOR THE ENVIRONMENT (OIL & GAS RESISTANT); SEE VEEDER-ROOT INSTALLATION INSTRUCTIONS.
3. LABEL OR COLOR CODE ALL FIELD WIRING TO ENSURE POLARITY.
4. LABEL ALL ALARM JUNCTION BOXES, MONITOR JUNCTION BOXES AND PANELS.
5. PROVIDE PLASTIC PROTECTIVE BUSHING AT ALL CONDUIT ENTRANCES TO PANELS, JUNCTION BOXES & WIRING.
6. PANEL POWER TO BE OBTAINED FROM A PROTECTED PANEL. PROVIDE NEW 20 AMP, 1-POL- BREAKER. TERMINATE CHASSIS AND BARRIER GROUND WIRE TO PANEL GROUND BUS. SEE ELECTRICAL DRAWING.
7. CONDUIT TO BE RIGID GALVANIZED.
8. MONITORING WIRES SHALL BE A SINGLE RUN OF WIRE WITH NO SPLICES.
9. THE NEW VEEDER-ROOT CONSOLE SHALL BE PROVIDED WITH THE FOLLOWING MODULE:
 - LOW VOLTAGE DIM MODULE

SEE SHEET FS2.0 FOR DETAILED INFORMATION ON SPECIFIC COMPONENTS.

① DRAWING IS SCHEMATIC ONLY.

② ONLY VEEDER-ROOT PROBE AND SENSOR WIRING SHOWN. SEE ELECTRICAL DRAWINGS FOR POWER WIRING INFORMATION AND ADDITIONAL DETAILS.

DS = DISPENSER SUMP SENSOR
BS = TANK BOX SENSOR
INV = INVENTORY PROBE
IS = TANK INTERSTITIAL SENSOR
A = "BELDEN" NO. 88760
JACKETED CABLE
J = NEMA 4X JUNCTION BOX
P = DISPENSER - PULSER WIRING



FS5.0 SCALE: NOT TO SCALE



LATEST DA/PC DA22-014/PC21-020

DRAWN BY: TSS

CHECKED BY: MLW

REVISIONS

[illegible]

CARmax

THE AUTO SUPERSTORE
CARMAX AUTO SUPERSTORES, INC., A VIRGINIA CORPORATION
10000 WOODBURN CREEK PKWY, RICHMOND, VA 23236
(804) 747-0422
www.carmax.com

PROJECT NO.	20-20192.02
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DATE	06/15/2022
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SHEET TITLE

VEEDER-ROOT TLS-450
AUTOMATIC TANK
GAUGE SCHEMATIC
AND NOTES

SHEET NO. **FS5.0**