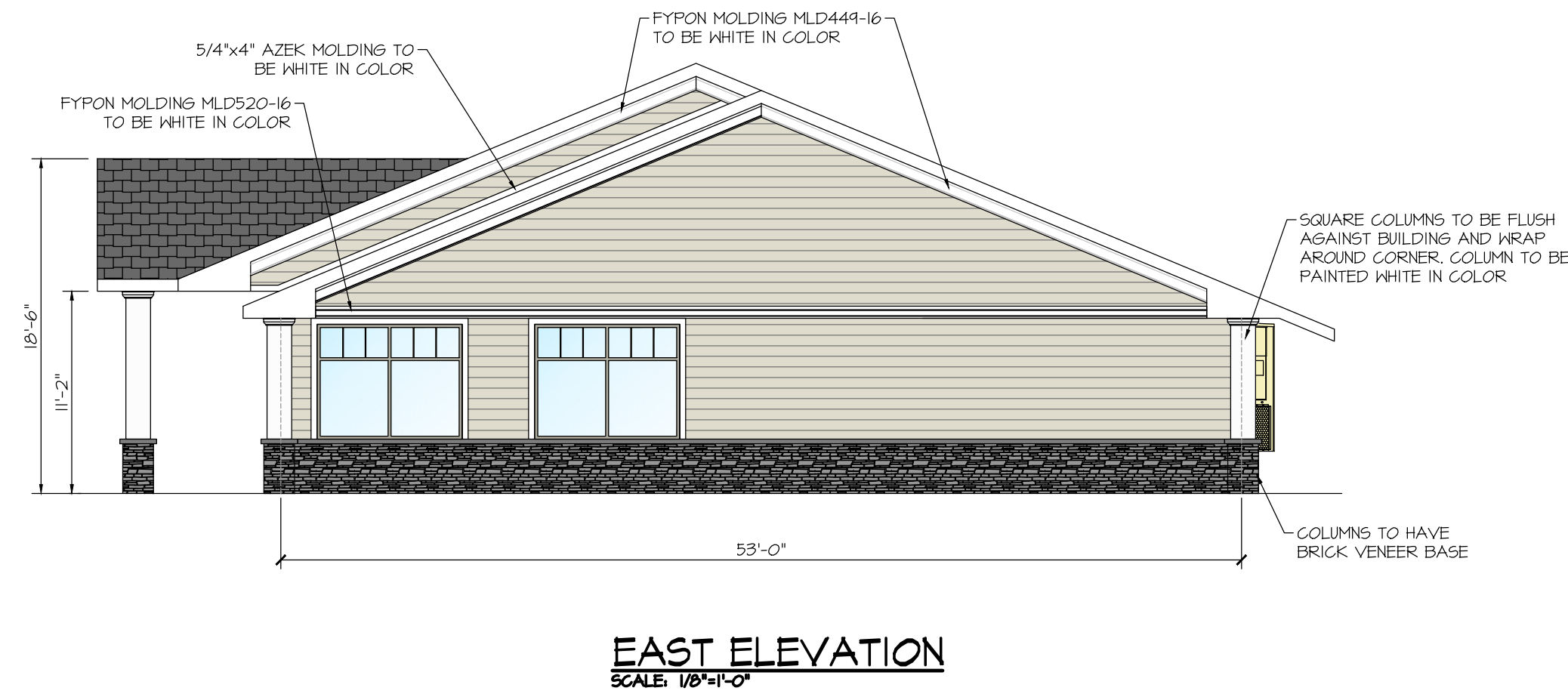
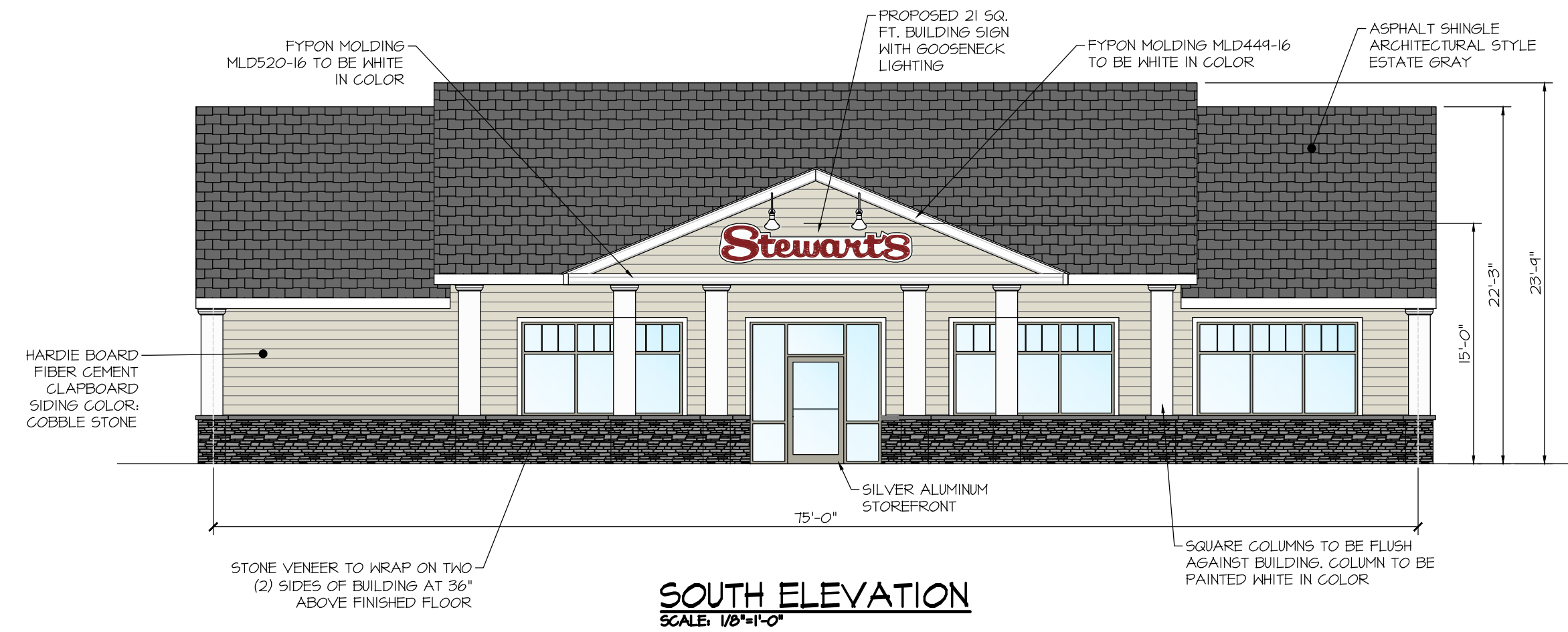
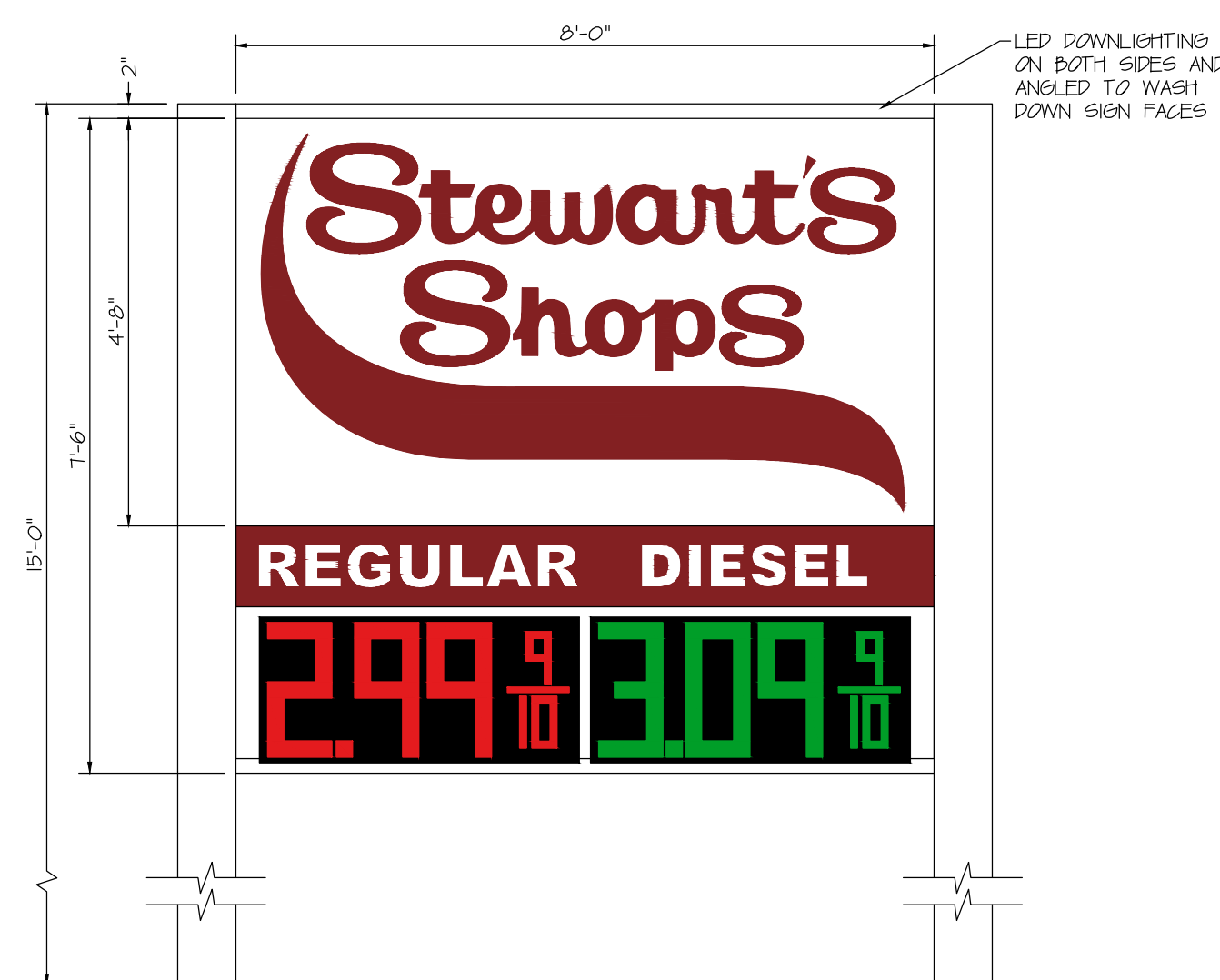
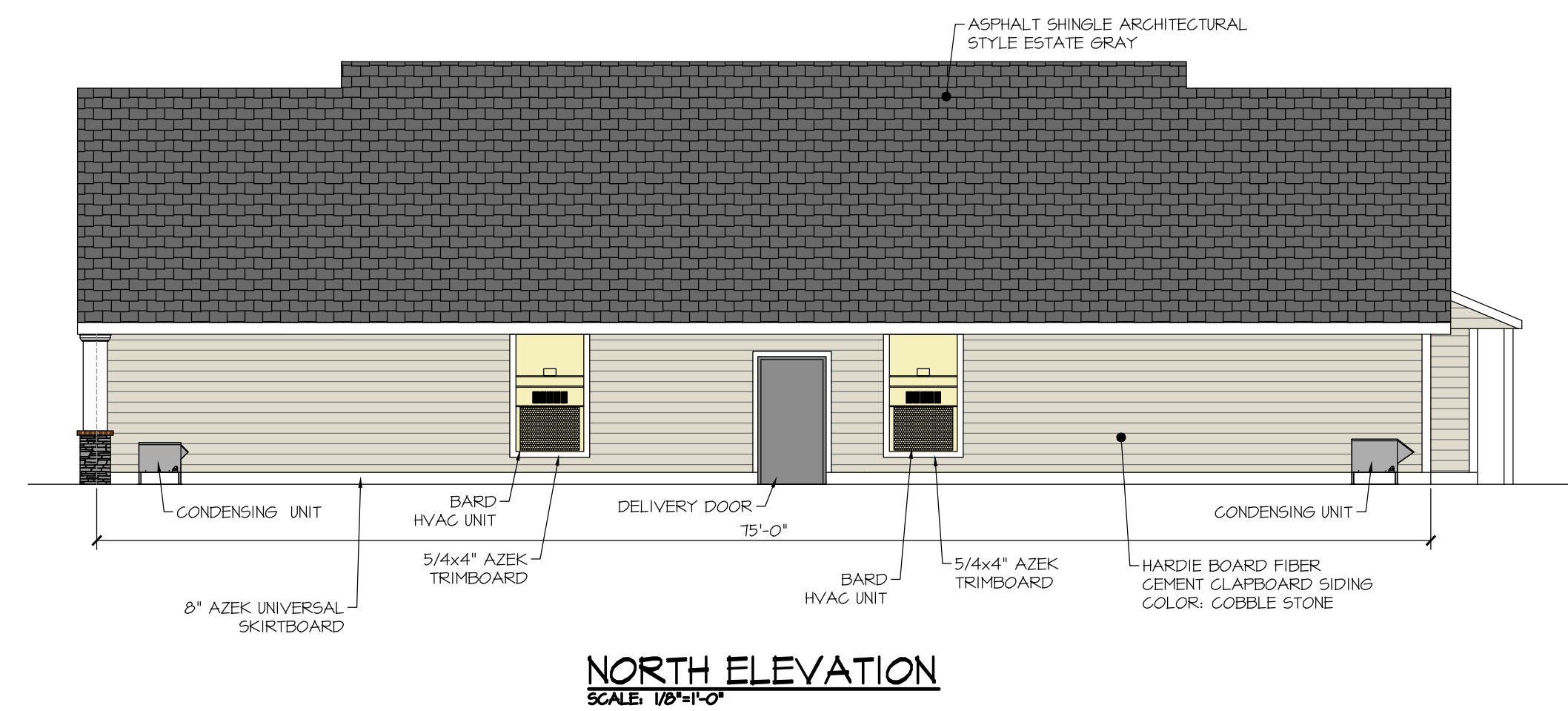
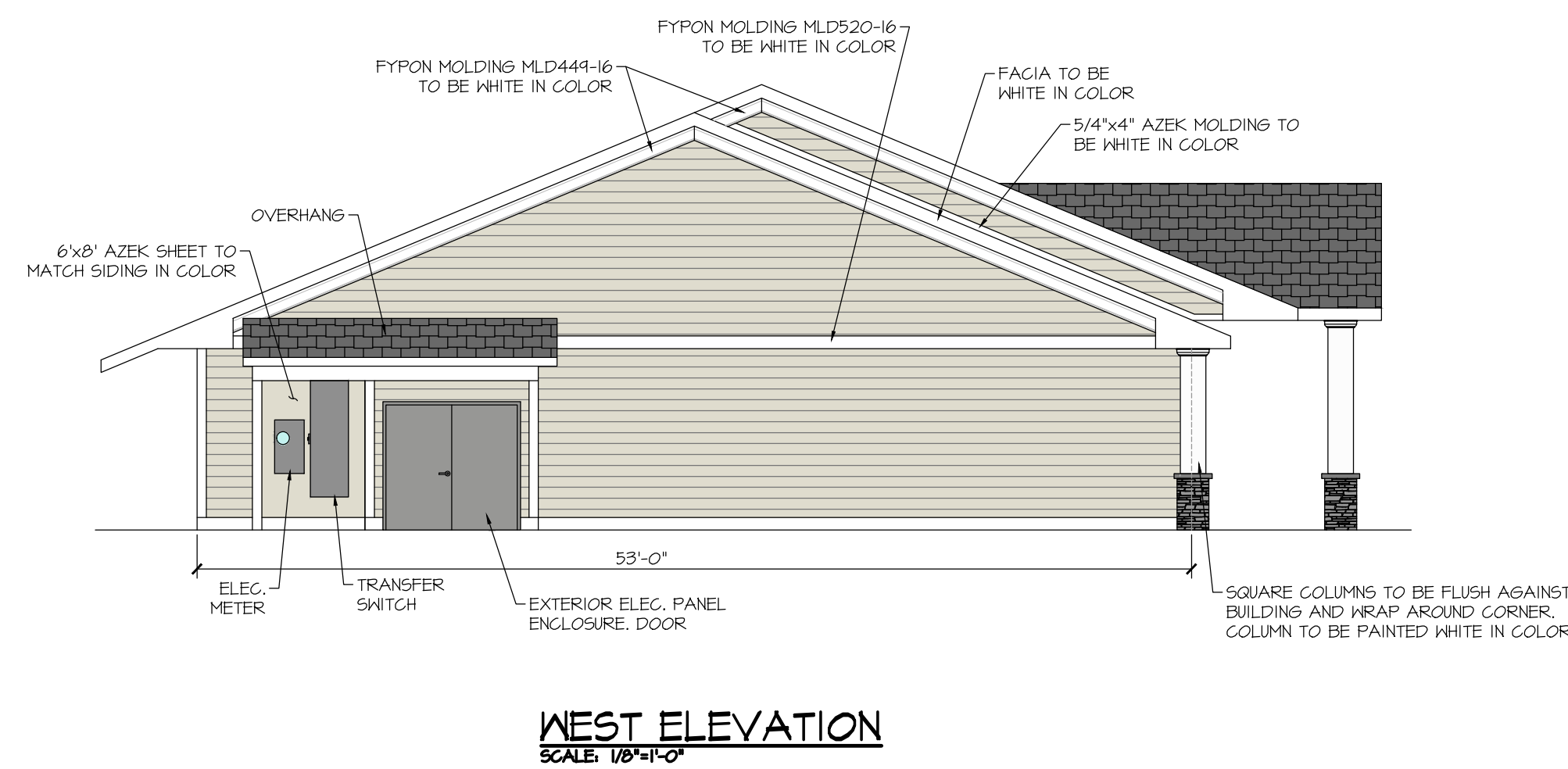


PROPOSED STEWART'S SHOP

2634 GENESEE STREET, UTICA, NY



SHEET NO.	DRAWING NAME	DESCRIPTION
1	T-1	TITLE SHEET
2	S-1	EXISTING SITE/DEMOLITION PLAN
3	S-2	PROPOSED SITE PLAN
4	S-3	UTILITY PLAN
5	S-4	GRADING AND DRAINAGE PLAN
6	S-5	EROSION CONTROL (SWPPP) PLAN
7	S-6	EROSION CONTROL (SWPPP) DETAILS
8	S-7	LANDSCAPING PLAN
9	S-8	PHOTOMETRIC PLAN
10	S-9	TRUCK CIRCULATION PLAN
11	S-10	MISCELLANEOUS DETAILS
12	S-11	MISCELLANEOUS DETAILS



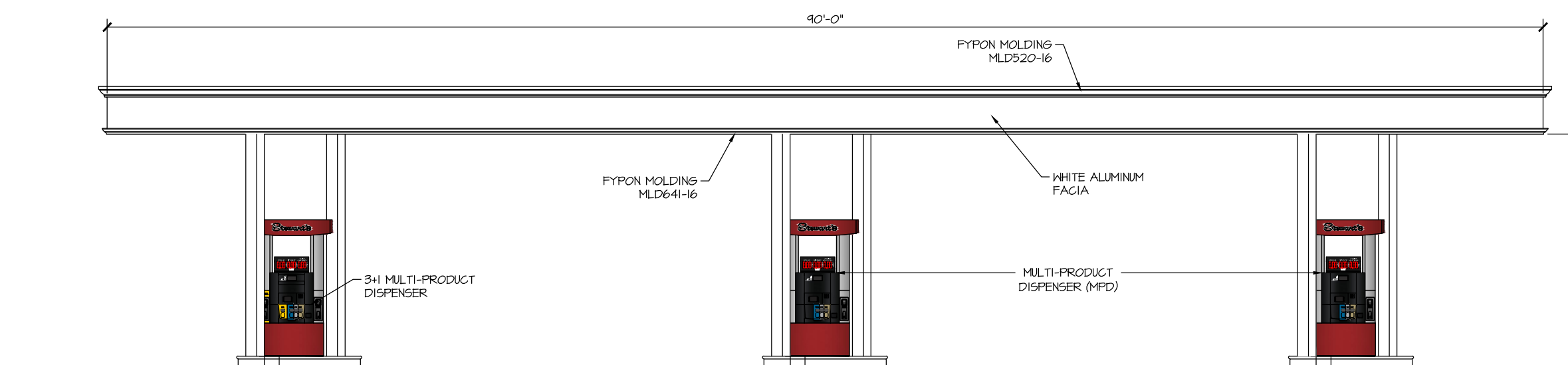
PROPOSED FREESTANDING SIGN
SCALE: 1/2\"/>

- SIZE: - 7'-6\"/>
- LETTERS: - 1/8\"/>
- ILLUMINATION: - EXTERNALLY ILLUMINATED WITH LED LIGHTING
- BURGUNDY LETTERS
- WHITE COLOR BACKGROUND
- 16\"/>

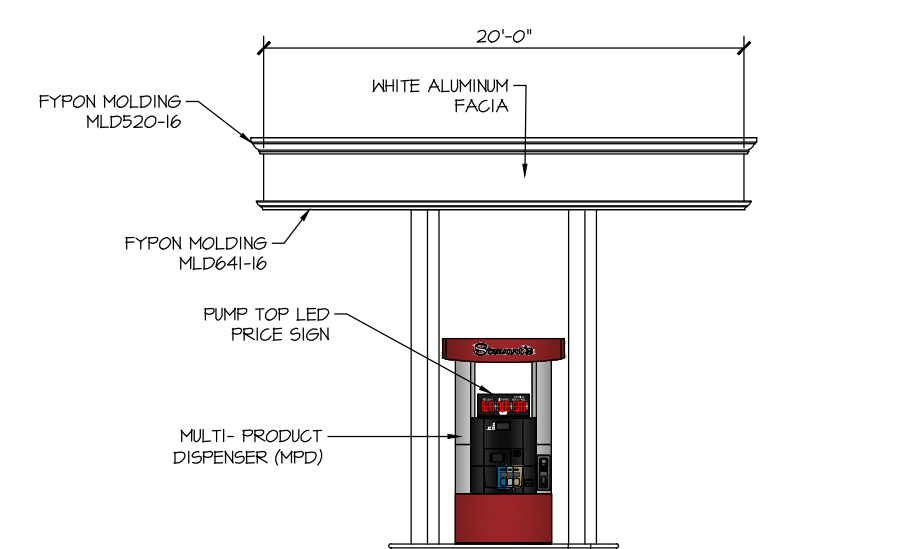


TYPICAL BUILDING SIGN
SCALE: 1/2\"/>

- SIZE: - 21 SQ. FT.
- LETTERS: - 1/8\"/>
- ILLUMINATION: - EXTERNALLY ILLUMINATED WITH LED GOOSENECK LIGHTING
- BURGUNDY LETTERS
- WHITE COLOR BACKGROUND



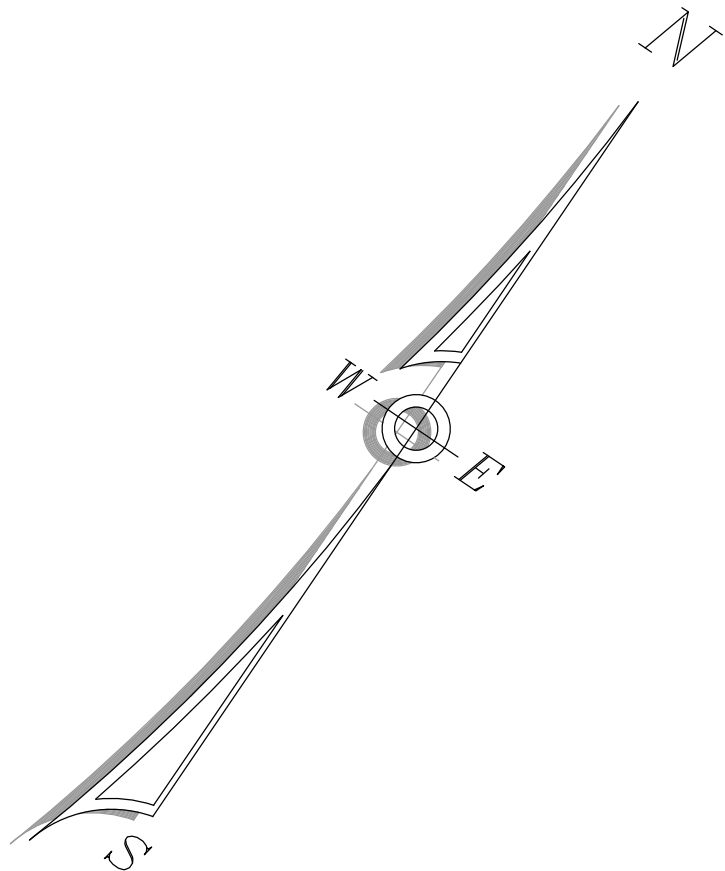
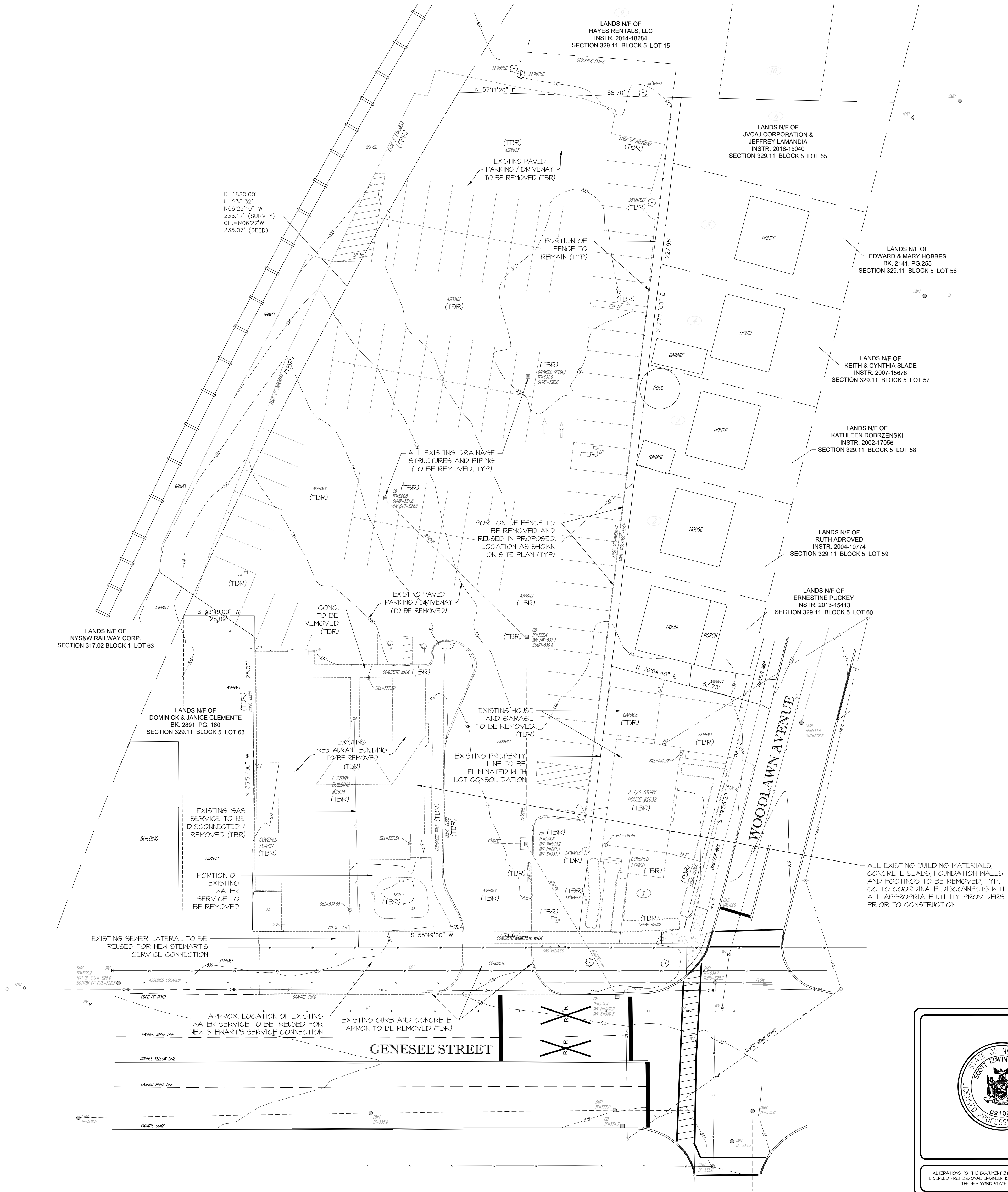
GAS CANOPY SOUTH ELEVATION
SCALE: 1/8\"/>



GAS CANOPY EAST ELEVATION
SCALE: 1/8\"/>

		STORE NAME, ABBREVIATION & NO.		SOUTH UTICA - 217	
		SITE LOCATION		2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502	
DATE	NO.	REVISIONS			
4/22/22	1	PER PLANNING BOARD COMMENTS			
10/11/22	2	FULL SITE DESIGN PLANS PREPARED			
		DRAWN BY: JRG		SCALE: AS SHOWN	
		DATE: 6/29/22		DRAWING NO. T-1	
ALTERNATIONS TO THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED PROFESSIONAL ENGINEER IS ILLEGAL AND A VIOLATION OF THE NEW YORK STATE EDUCATION LAW		SARATOGA SPRINGS, NY 12866		TEL: (518)581-1200 FAX: (518)581-1209	
		TITLE:		TITLE SHEET	

LEGEND	
PROPERTY LINE	_____
FIRE HYDRANT	
WATER VALVE	
GAS VALVE	
SEWER MANHOLE	
SEWER CLEANOUT	
CURB INLET	
CATCH BASIN	
GUY WIRE	
UTILITY POLE	
SIGNPOST	
TRAFFIC SIGNAL CONTROL BOX	
POLE LIGHT	
WELL	
BOLLARD	
IRRIGATION SLEEVE	____IR____
OVERHEAD UTILITIES	____OHM____
WATER SERVICE, 1" TYPE "K" COPPER	____WK____
SEWER SERVICE, 4" SDR 26	____SW____
STORM PIPE, PROPOSED, HDPE	____SDP____
STORM PIPE, EXISTING	____SEDP____
STOCKADE FENCE	____SF____
CHAINLINK FENCE	____CLF____
SPLITRAIL FENCE	____SLF____
U/G ELECTRICAL/TELE SERVICE	____UE/UT____
U/G ELECTRICAL CONDUIT	____UE____
U/G GAS LINE	____UG____
U/G CAMERAL CONDUIT	____UCAM____
DIESEL PRODUCT LINE	____DSL____
SUPER PRODUCT LINE	____SUP____
UNLEADED PRODUCT LINE	____UNL____
EXISTING MAJOR CONTOUR	____100____
EXISTING MINOR CONTOUR	____100____
PROPOSED MAJOR CONTOUR	____100____
PROPOSED MINOR CONTOUR	____100____
PROPOSED SPOT ELEVATION	
EXISTING UNCHANGED SPOT ELEVATION	
NOTES: 1. SOME FEATURES IN LEGEND MAY NOT HAVE BEEN USED. 2. DASHED LINES INDICATE NEW WORK. 3. DOTTED LINES INDICATE REMOVED ITEMS.	



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STORE NAME, ABBREVIATION & NO.

SOUTH UTICA - 217

SITE LOCATION

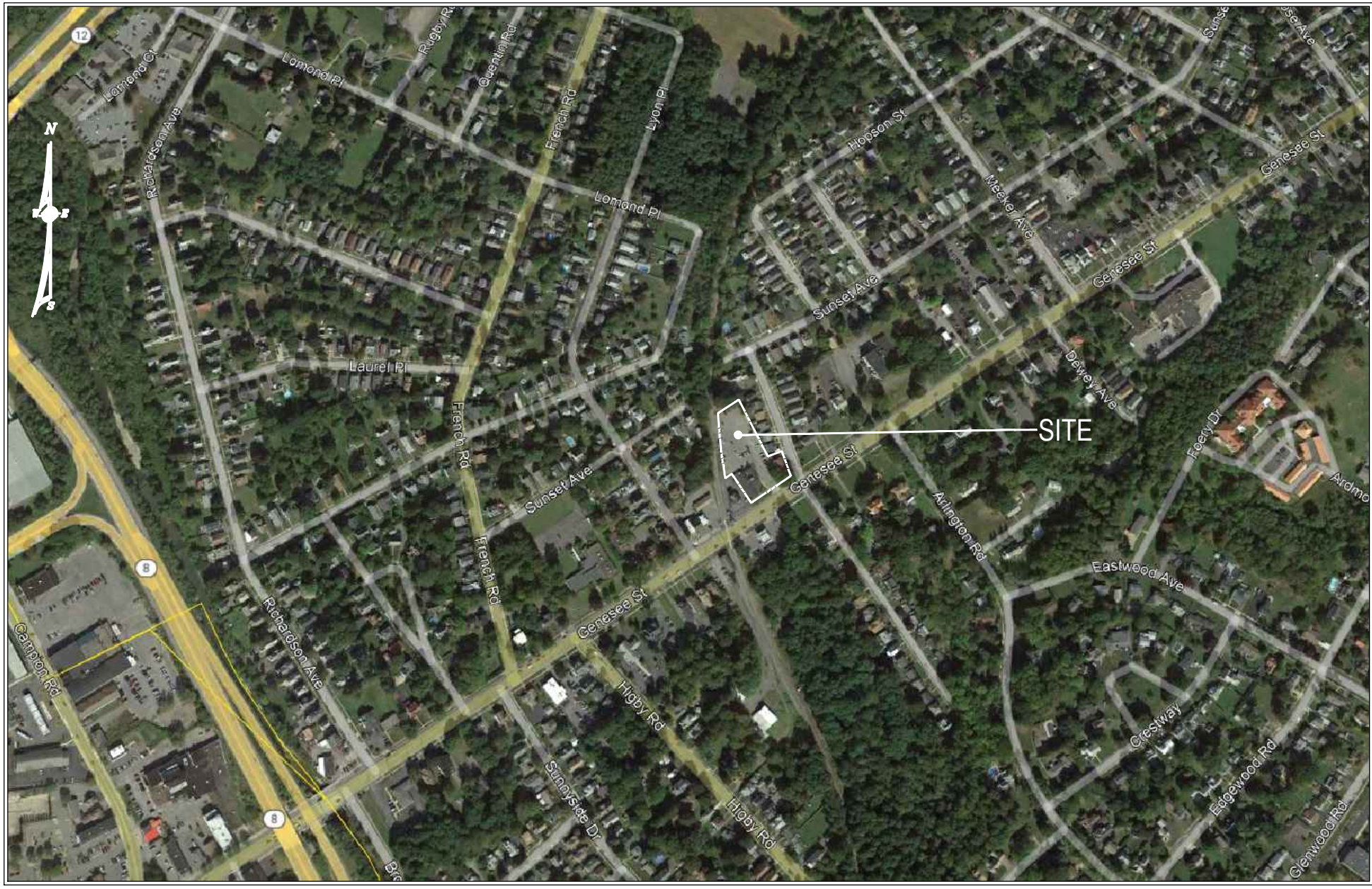
2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502

DATE	NO.	REVISIONS
4/22/22	1	PER PLANNING BOARD COMMENTS
10/2/22	2	FULL SITE DESIGN PLANS PREPARED

SARATOGA SPRINGS, NY 12866
TEL (518)581-1200 FAX (518)581-1209

DRAWN BY: JR6
SCALE: 1"=20'
DATE: 6/29/22
DRAWING NO. S-1

TITLE:
EXISTING SITE / DEMOLITION PLAN

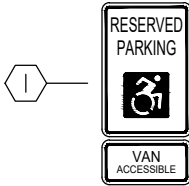


SITE LOCATION MAP
SCALE: N.T.S.

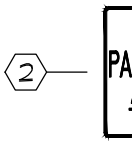
LEGEND	
PROPERTY LINE	---
FIRE HYDRANT	
WATER VALVE	
GAS VALVE	
SEWER MANHOLE	
SEWER CLEANOUT	
CURB INLET	
CATCH BASIN	
GUY WIRE	
UTILITY POLE	
SIGNPOST	
TRAFFIC SIGNAL CONTROL BOX	
POLE LIGHT	
WELL	
BOLLARD	
IRRIGATION SLEEVE	
OVERHEAD UTILITIES	--- OHW ---
WATER SERVICE, 1" TYPE "K" COFFER	--- W ---
SEWER SERVICE, 4" SDR 26	--- S ---
STORM PIPE, PROPOSED, HDPE	--- STORM PIPE, PROPOSED, HDPE ---
STORM PIPE, EXISTING	--- STORM PIPE, EXISTING ---
STOCKADE FENCE	---
CHAINLINK FENCE	---
SPLITRAIL FENCE	---
U/S ELECTRICAL/TELE SERVICE	--- UE/UT ---
U/S ELECTRICAL CONDUIT	--- UE ---
U/G GAS LINE	--- G ---
U/S CAMERAL CONDUIT	--- CAM ---
DIESEL PRODUCT LINE	--- DSL ---
SUPER PRODUCT LINE	--- SUP ---
UNLEADED PRODUCT LINE	--- UNL ---
EXISTING MAJOR CONTOUR	---
EXISTING MINOR CONTOUR	---
PROPOSED MAJOR CONTOUR	---
PROPOSED MINOR CONTOUR	---
PROPOSED SPOT ELEVATION	100.00
EXISTING UNCHANGED SPOT ELEVATION	100.00
NOTES:	
1. SOME FEATURES IN LEGEND MAY NOT HAVE BEEN USED.	
2. DARKER LINES INDICATE NEW WORK.	
3. DOTTED LINES INDICATE REMOVED ITEMS.	

SIGN KEY:

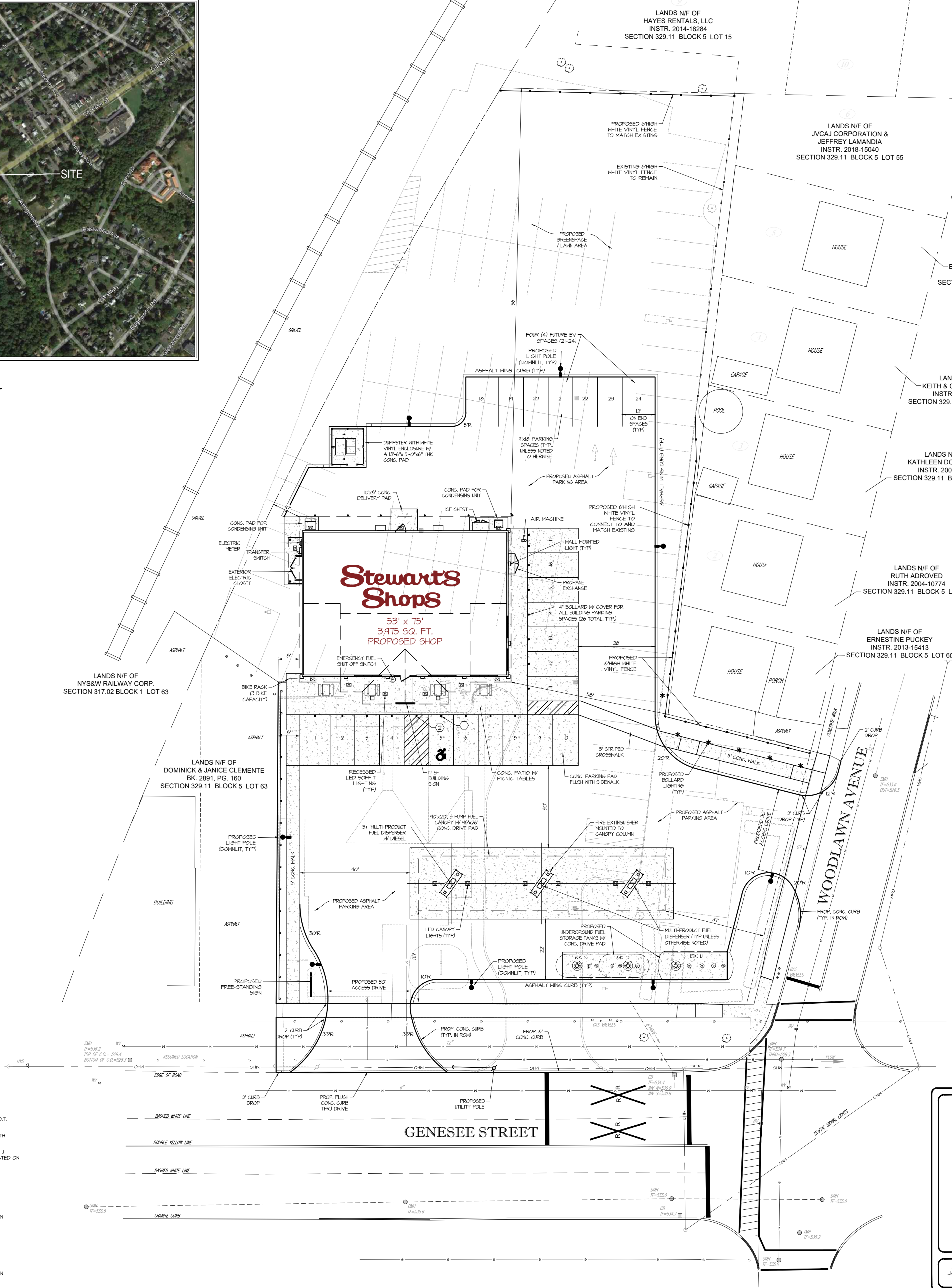
- 1) ALL SIGNS ARE TO CONFORM WITH N.Y.S.D.O.T. STANDARD SECTION 645.
- 2) SIGN POST TO BE SECURED IN BOLLARD WITH SAND
- 3) SIGNS SHALL BE MOUNTED TO GALVANIZED U CHANNEL POSTS IN THE LOCATIONS INDICATED ON THE PLAN.



HANDICAP SIGN
RT-10 12"x18"
RT-10A 12"x18"
6'-0" MOUNTING
HEIGHT MIN. SEE
PLAN FOR LOCATION



NO PARKING SIGN
RT-1 12"x18"
6'-0" MOUNTING
HEIGHT MIN. SEE
PLAN FOR LOCATION



CITY OF UTICA - ONEIDA COUNTY
TAX MAP S.B.L.# 32411-5-61 & 62
ZONING DISTRICT - NMU - NEIGHBORHOOD MIXED USE

GASOLINE / CONVENIENCE STATION - SUBJECT TO SPECIAL USE PERMIT AND SITE PLAN REVIEW

	REQUIRED	PROPOSED
LOT AREA (MIN)	1,000 SF	1,141/- ACRES
LOT WIDTH (MIN/MAX)	10 FT / 100 FT	111 FT
LOT COVERAGE (MAX - CORNER)	70% - 90%	64%
FRONT YARD - MIN/MAX	AVERAGE	33 FT
FACADE LENGTH (MAX)	60 FT	75 FT
SIDE YARD (MIN TOTAL)	10 FT	0 FT
REAR YARD (MIN)	10 FT	156 FT
PARKING SETBACK	10 FT	0 FT
BUILDING HEIGHT (MAX)	4 STORIES	1 STORY - 24 FT
FIRST STORY MINIMUM HEIGHT	50%	4 FT-8 IN
GROUND FLOOR TRANSPARENCY, FRONT FACADE (MIN)	30%	24 %
MAIN ENTRANCE LOCATION (REQUIRED)	FACING SIDEWALK	10 %
FRONTAGE (UNILT) (MAX)	12 FT	NA
VEHICLE PARKING	2 PER 1,000 SQ. FT. OF GFA 3,975/1,000 (2) = 8 SPACES	24 SPACES
BIKECYCLE PARKING	1 PER 10 PARKING SPACES 24/10 = 3 SPACES	3 SPACES

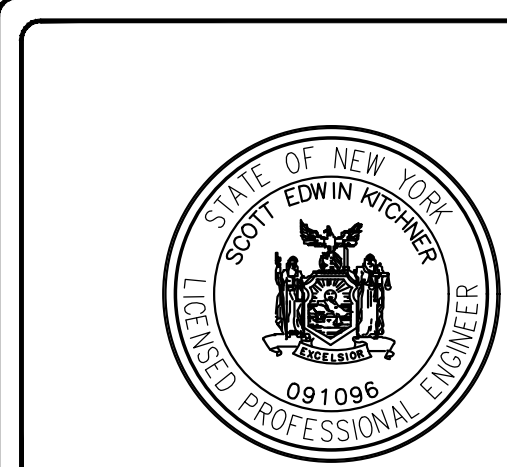
SITE STATISTICS:

EXISTING SITE USAGE DATA

GREENSPACE	6,141 SQ. FT.	12%
BUILDING	6,144 SQ. FT.	14%
CONC./PAVE/PORCH	36,662 SQ. FT.	14%

PROPOSED SITE USAGE DATA

GREENSPACE	11,141 SQ. FT.	36%
BUILDING	3,975 SQ. FT.	8%
FUEL CANOPY	1,800 SQ. FT.	4%
CONC./PAVE	26,019 SQ. FT.	52%



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STORE NAME, ABBREVIATION & NO.

SOUTH UTICA - 217

SITE LOCATION

2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502

DATE

NO.

REVISIONS

4/22/22

1

PER PLANNING BOARD COMMENTS
FULL SITE DESIGN PLANS PREPARED



SARATOGA SPRINGS, NY 12866
TEL: (518) 581-1200 FAX: (518) 581-1209

DRAWN BY: JRG

SCALE: 1"=20'

DATE: 6/29/22

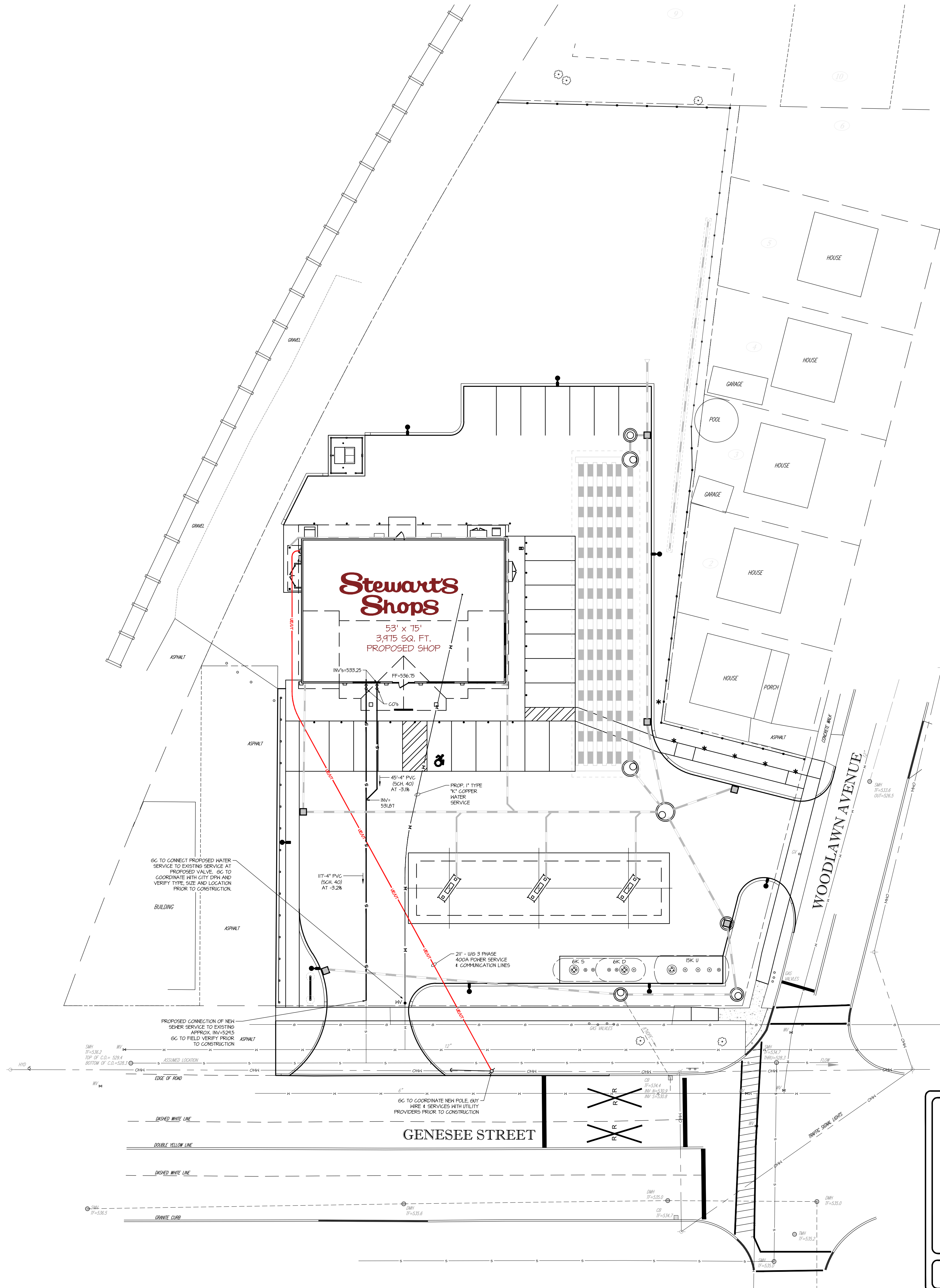
DRAWING NO.

5-2

TITLE:

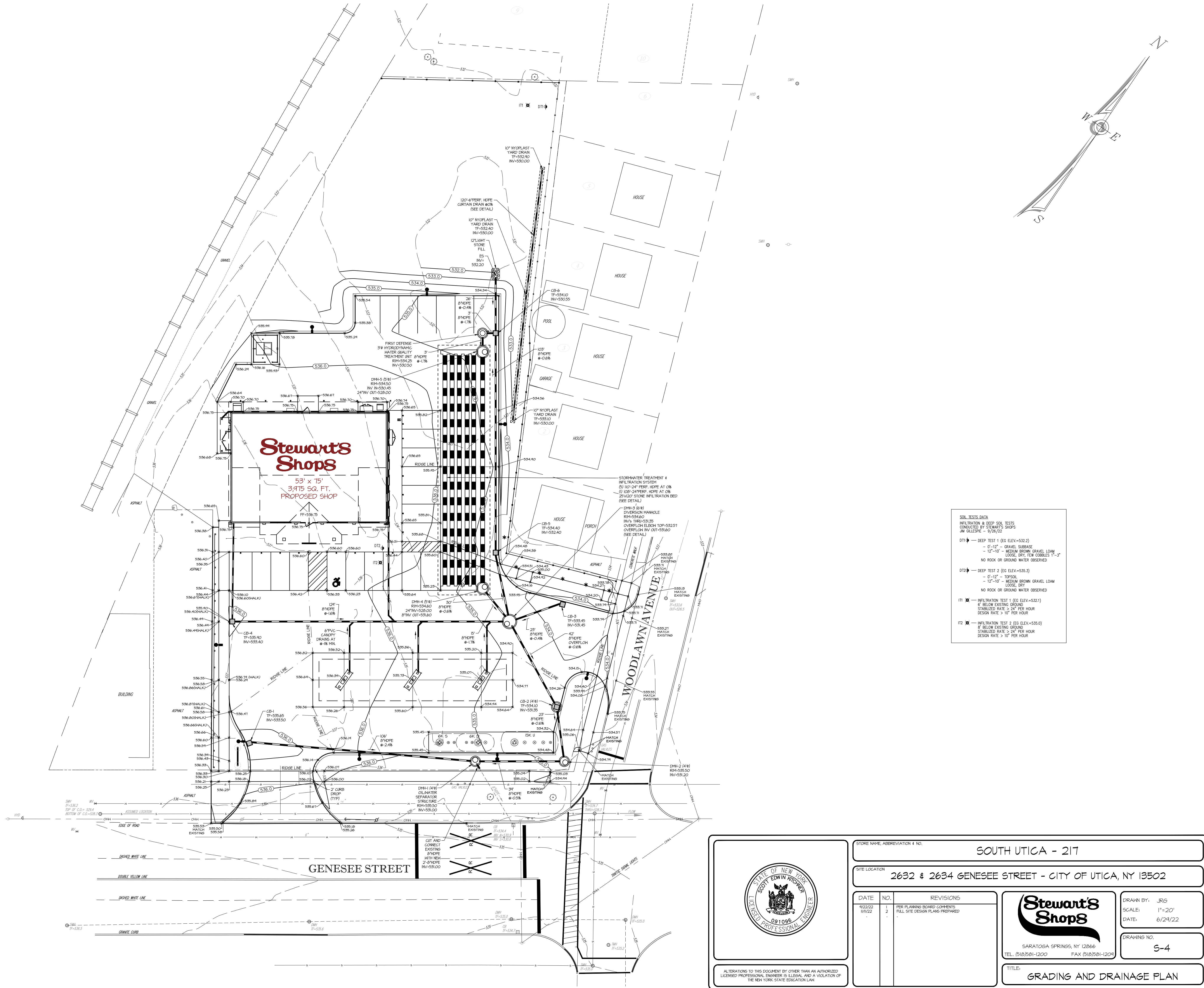
PROPOSED SITE PLAN

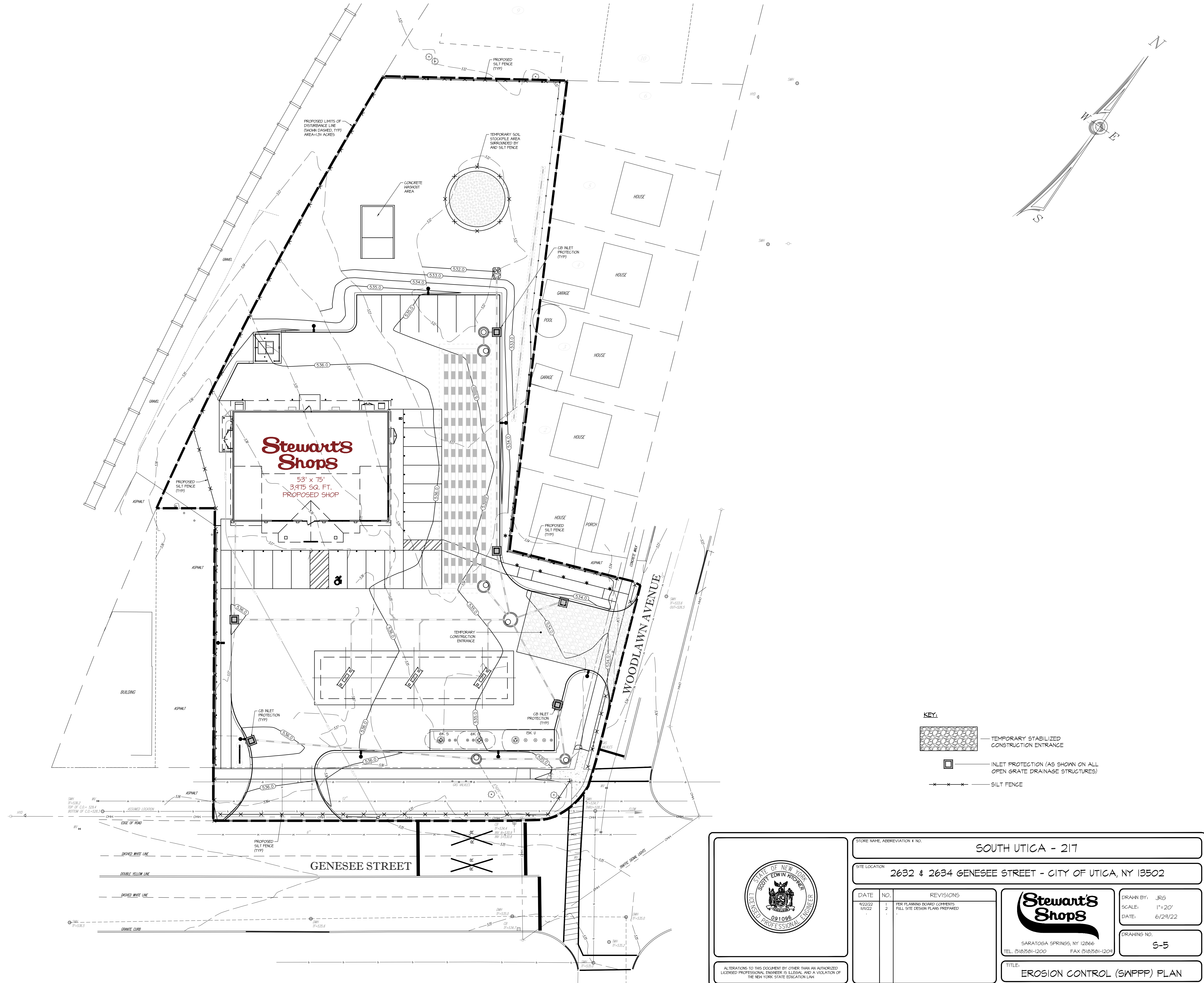
LEGEND	
PROPERTY LINE	---
FIRE HYDRANT	
WATER VALVE	
GAS VALVE	
SEWER MANHOLE	
SEWER CLEANOUT	
CURB INLET	
CATCH BASIN	
GUY WIRE	
UTILITY POLE	
SIGNPOST	
TRAFFIC SIGNAL CONTROL BOX	
POLE LIGHT	
WELL	
BOLLARD	
IRRIGATION SLEEVE	IR
OVERHEAD UTILITIES	OHW
WATER SERVICE, 1" TYPE "K" COPPER	W
SEWER SERVICE, 4" SDR 26	S
STORM PIPE, PROPOSED, HDPE	---
STORM PIPE, EXISTING	---
STOCKADE FENCE	---
CHAINLINK FENCE	---
SPLITRAIL FENCE	---
U/G ELECTRICAL/TELE SERVICE	UE/UT
U/G ELECTRICAL CONDUIT	UE
U/G GAS LINE	G
U/G CAMERAL CONDUIT	CAM
DIESEL PRODUCT LINE	DSL
SUPER PRODUCT LINE	SUP
UNLEADED PRODUCT LINE	UNL
EXISTING MAJOR CONTOUR	100
EXISTING MINOR CONTOUR	100
PROPOSED MAJOR CONTOUR	100
PROPOSED MINOR CONTOUR	100
PROPOSED SPOT ELEVATION	100.00
EXISTING UNCHANGED SPOT ELEVATION	100.00
NOTES: 1. SOME FEATURES IN LEGEND MAY NOT HAVE BEEN USED. 2. DARKER LINES INDICATE NEW WORK. 3. DOTTED LINES INDICATE REMOVED ITEMS.	



		STORE NAME, ABBREVIATION & NO. SOUTH UTICA - 217	
SITE LOCATION 2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502		DATE 4/22/22	
NO. 1		REVISIONS PER PLANNING BOARD COMMENTS FULL SITE DESIGN PLANS PREPARED	
DRAWN BY: JR6		SCALE: 1"=20'	
DATE: 6/29/22		DRAWING NO. 5-3	
TITL: UTILITY PLAN		SARATOGA SPRINGS, NY 12866 TEL. (518)581-1200 FAX (518)581-1209	

LEGEND	
PROPERTY LINE	---
FIRE HYDRANT	
WATER VALVE	
GAS VALVE	
SEWER MANHOLE	
SEWER CLEANOUT	
CURB INLET	
CATCH BASIN	
GUY WIRE	
UTILITY POLE	
SIGNPOST	
TRAFFIC SIGNAL CONTROL BOX	
POLE LIGHT	
WELL	
BOLLARD	
IRRIGATION SLEEVE	---IR---
OVERHEAD UTILITIES	---OHW---
WATER SERVICE, 1" TYPE "K" COPPER	---W---
SEWER SERVICE, 4" SDR 26	---S---
STORM PIPE, PROPOSED, HDPE	---HDPE---
STORM PIPE, EXISTING	---EXIST---
STOCKADE FENCE	---
CHAINLINK FENCE	---
SPLITRAIL FENCE	---
U/G ELECTRICAL/TELE SERVICE	---UE/UT---
U/G ELECTRICAL CONDUIT	---UE---
U/G GAS LINE	---G---
U/G CAMERAL CONDUIT	---CAM---
DIESEL PRODUCT LINE	---DSL---
SUPER PRODUCT LINE	---SUP---
UNLEADED PRODUCT LINE	---UNL---
EXISTING MAJOR CONTOUR	
EXISTING MINOR CONTOUR	
PROPOSED MAJOR CONTOUR	
PROPOSED MINOR CONTOUR	
PROPOSED SPOT ELEVATION	
EXISTING UNCHANGED SPOT ELEVATION	
NOTES: 1. SOME FEATURES IN LEGEND MAY NOT HAVE BEEN USED. 2. DASHED LINES INDICATE NEW WORK. 3. DOTTED LINES INDICATE REMOVED ITEMS.	





GENERAL REQUIREMENTS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING EROSION AND SEDIMENT CONTROL TO PROTECT SURROUNDING WATER BODIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION CONTROL AND MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL FACILITIES TO ENSURE PROPER FUNCTIONING OF SAID FACILITIES DURING CONSTRUCTION.

AFTER THE PROJECT HAS BEEN COMPLETED, THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY FOR ENSURING THAT ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR REPLACED BY PERMANENT CONTROLS.

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN FOURTEEN (14) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDINGS. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING.

PERMANENT VEGETATION TO BE SEEDDED OR SODDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZE SEED BED PRIOR TO PERMANENT SEEDINGS. SEE SECTION D.

EROSION & SEDIMENT POLLUTION CONTROL GUIDELINES

EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES AND PRACTICES, UTILIZED IN THE CONSTRUCTION OF THE PROJECT, SHALL BE CONSISTENT WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL, MARCH 1988.

NATURAL VEGETATION SHALL BE RETAINED, PROTECTED, AND SUPPLEMENTED, AS FEASIBLE PRIOR TO AND DURING CONSTRUCTION.

CUT AND FILL SLOPES SHALL BE BROUGHT TO FINAL PROPOSED GRADES AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCES, AND SEEDDED AND MULCHED IMMEDIATELY.

EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES (STRAH BALES, FILTER FABRIC FENCING, STABILIZED CONSTRUCTION ENTRANCES, SILTATION BASINS, AND OTHER ACCEPTABLE FACILITIES) SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNTIL COMPLETE SITE STABILIZATION.

HEAVY CONSTRUCTION EQUIPMENT SHALL BE KEPT AS CLOSE TO THE AREA AS PRACTICAL TO MINIMIZE DISTURBANCE OF SOIL ALREADY STABILIZED OR UNDISTURBED

TOPSOIL AND OTHER SOIL REMOVED DURING CONSTRUCTION SHALL BE STOCKPILED IN A SUITABLE LOCATION CLEAR FROM ANY STORMWATER DRAINAGE COURSES. STOCKPILES WHICH ARE INACTIVE FOR MORE THAN FOURTEEN (14) DAYS SHALL BE SEEDDED.

VEGETATIVE STABILIZATION SHALL BE PERIODICALLY INSPECTED FOR SUFFICIENT GROWTH AND PROGRESS. AREAS NOT RESPONDING SHALL BE PROMPTLY RESEEDDED AND REMULCHED AS SOON AS POSSIBLE. AREAS SHOWING SIGNS OF EROSION PRIOR TO STABILIZATION SHALL BE GRADED, RESEDED, AND REMULCHED AS SOON AS POSSIBLE. SOIL OR EROSION CONTROL FABRIC SHALL BE UTILIZED WHERE ADEQUATE STABILIZATION IS NOT OCCURRING.

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE BEGINNING EARTH MOVING ACTIVITIES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

A STABILIZED CONSTRUCTION ENTRANCE PAD OF 1-1/2" TO 2" CLEAN STONE WILL BE PLACED AT ALL CONSTRUCTION DRIVEWAYS IMMEDIATELY AFTER SITE DISTURBANCE. DIMENSIONS: LENGTH NOT LESS THAN 50 FT, EXCEPT ON SINGLE RESIDENCE LOT WHERE 30 FT. MINIMUM WOULD APPLY. WIDTH 24 FT. MIN, BUT NOT LESS THAN FULL WIDTH OF ENTRANCE OR EXIT DRIVES. DEPTH NOT LESS THAN 8 IN. FILTER CLOTH IS REQUIRED PRIOR TO STONE PLACEMENT.

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 14 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL, AT A RATE OF 2.5-3.0 TONS PER ACRE, ACCORDING TO STATE STANDARDS.

PERMANENT VEGETATION TO BE SEEDDED ON ALL EXPOSED AREAS WITHIN FOURTEEN (14) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.

THE APPLICATION OF TOPSOIL, LIMING, FERTILIZING, SEEDING, AND MULCHING FOR DISTURBED AREAS SHALL BE CONSISTENT WITH THE STANDARD GENERAL PRACTICES FOR CONSTRUCTION.

IMMEDIATELY FOLLOWING INITIAL DISTURBANCES OF ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E., STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF 2.5 - 3.0 TONS PER ACRE

ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E., SLOPES GREATER THAN 3:1).

AT THE TIME WHEN SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS TO BE ESTABLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATION SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER.

IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL AREAS HAVE BEEN PERMANENTLY STABILIZED.

MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES

PROPER MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL FACILITIES ARE NECESSARY TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES.

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE ENTRANCE OF EACH CONSTRUCTION INGRESS ONTO PUBLIC THOROUGHFARES AND STABILIZED ROADWAYS.

DISTURBED GROUND SURFACES SHALL BE SPRINKLED WITH WATER, AS NEEDED, TO LIMIT THE FORMATION AND MIGRATION OF AIRBORNE DUST.

OPERATIONAL MEASURES SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT THE SPILLS OF FUELS AND LUBRICANTS; IF A SPILL OCCURS, IT SHALL BE CONTROLLED IMMEDIATELY TO PREVENT ITS ENTRY INTO OFF-SITE AREAS INCLUDING ADJACENT STORM SEWER.

ANY TEMPORARY EROSION CONTROL FACILITY SHALL REMAIN FUNCTIONAL UNTIL VEGETATIVE COVER IS SUFFICIENTLY ESTABLISHED WITHIN THE RESPECTIVE TRIBUTARY DRAINAGE AREA.

ANY DEBRIS ACCUMULATED IN EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE REMOVED AND PROPERLY DISPOSED. THESE FACILITIES SHALL BE CHECKED DAILY AND AFTER RAINFALL EVENTS, AND REBALISHED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES THE FOLLOWING DEPTHS:

STRAH BALE BARRIERS - 6 INCHES

SILT FENCING - 6 INCHES

SILTATION BASIN - 4 INCHES

NOTE: DISTURBED AREAS SHALL BE CONSIDERED AS PERMANENTLY STABILIZED WHEN A MINIMUM COVER OF 80% HAS BEEN ESTABLISHED.

SOIL RESTORATION

1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL.

2. TILL COMPOST INTO SUBSOIL TO DEPTH OF AT LEAST 12 INCHES USING

XCAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER. MIXING AND CIRCULATING AIR AND COMPOST INTO SUBSOILS.

3. ROCK-PICK UNTIL UPLIFT STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.

4. APPLY TOPSOIL TO DEPTH OF 6 INCHES

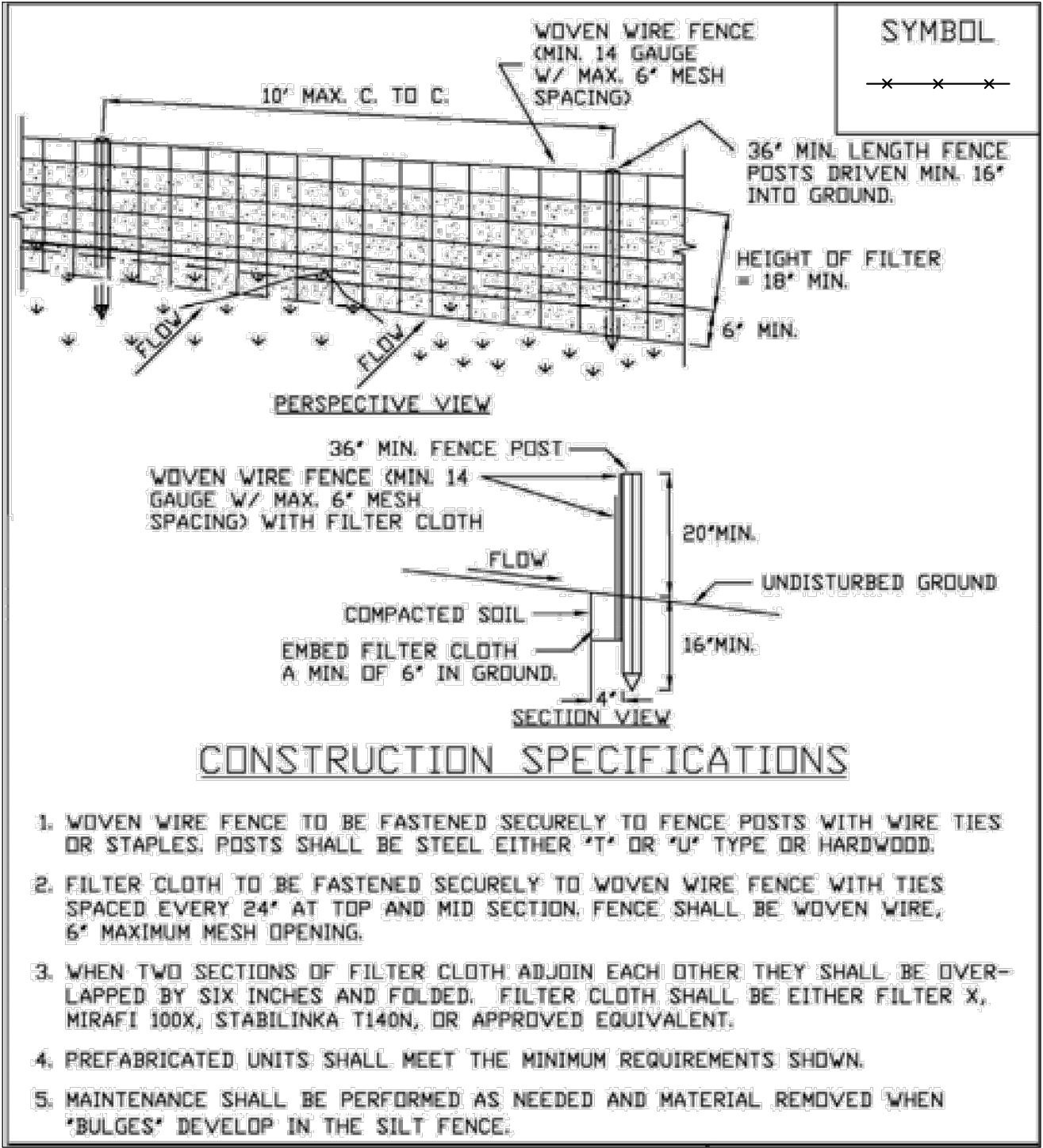
5. VEGETATE AS REQUIRED BY APPROVED PLAN.

AT THE END OF PROJECT AN INSPECTOR SHOULD BE ABLE TO TO PUSH A 3/8" METAL BAR 12" INCHES INTO SOIL JUST WITH BODY HEIGHT. 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.

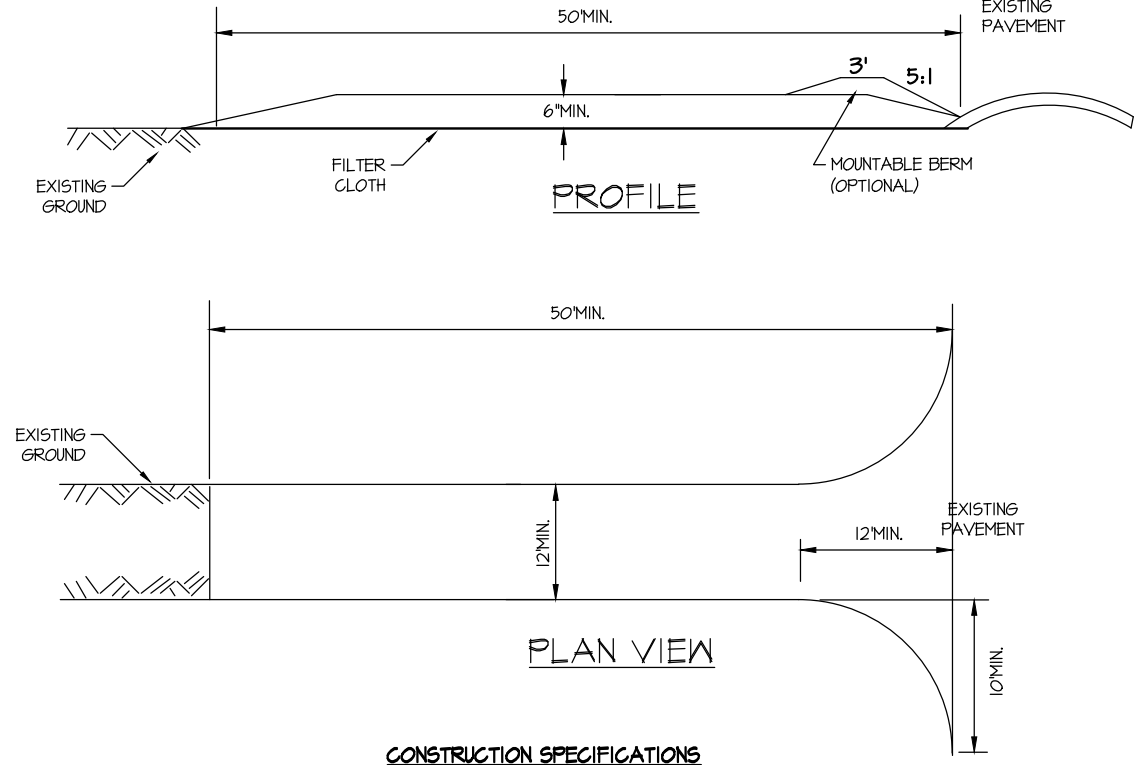
COMPOST SHALL BE AGED, FROM PLANT DERIVED MATERIALS, FREE OF VIABLE WEEDS SEEDS, MOVE. NO VISIBLE FREE WATER OR DUST PRODUCED WHEN HANDLING, PASS THROUGH A HALF INCH SCREEN AND HAVE A PH SUITABLE TO GROW DESIRED PLANTS.

TOPSOIL SHALL MEETING THE SPECIFICATIONS OF NYSDOT TYPE "A" TOPSOIL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING EROSION AND SEDIMENT CONTROL TO PROTECT SURROUNDING WATER BODIES.

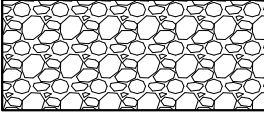


REINFORCED SILT FENCE DETAIL



- CONSTRUCTION SPECIFICATIONS
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
 3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
 4. WIDTH - TWELVE (12) FOOT MINIMUM BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
 5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PITTED ACROSS THE ENTRANCE. IF PITTING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

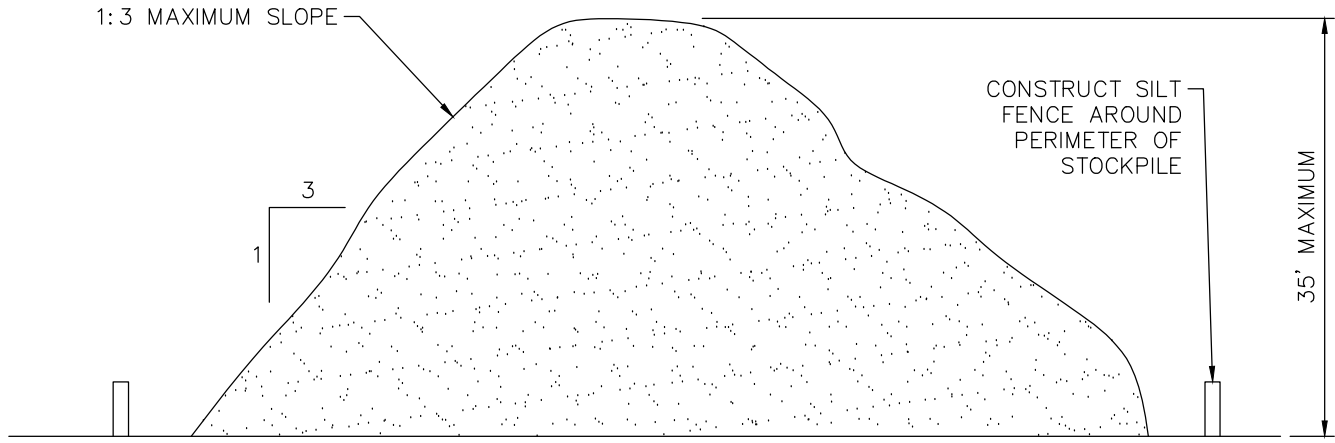
STANDARD SYMBOL



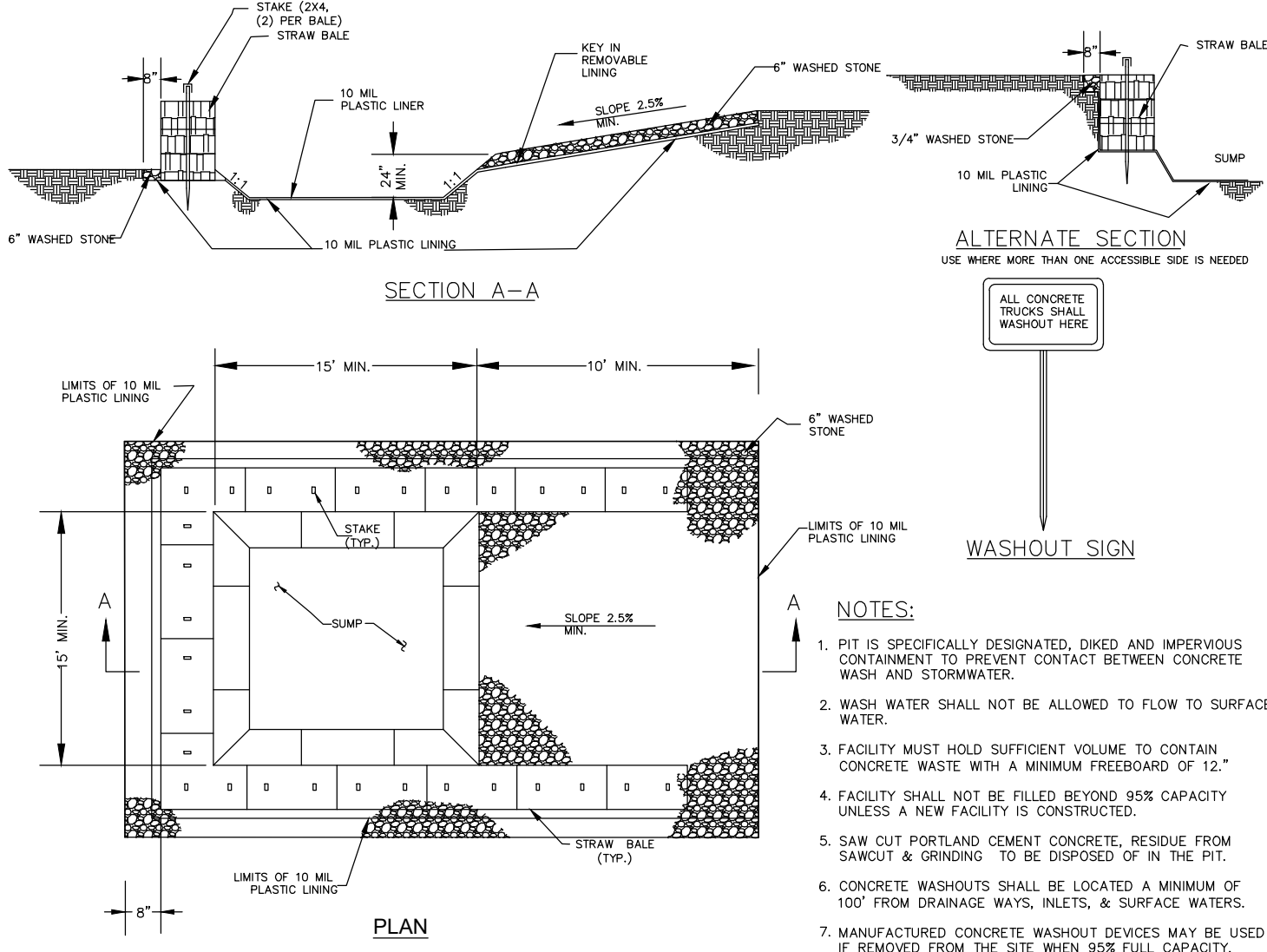
TEMPORARY CONSTRUCTION ENTRANCE

CONSTRUCTION SEQUENCE:

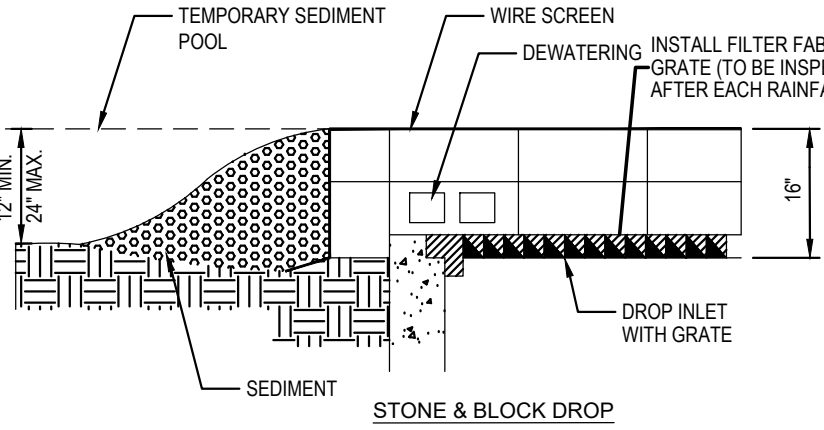
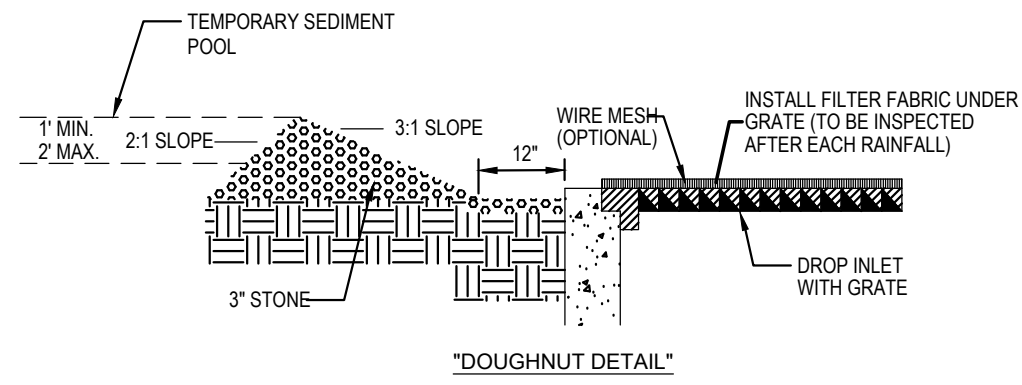
- INSTALL CONSTRUCTION ENTRANCE.
- CLEAR REQUIRED AREA.
- INSTALL SILT FENCE AND GRUB AREA.
- INSTALL EXISTING STRUCTURES AND UTILITIES.
- ROUGH GRADE NEW BUILDING SITE AREA.
- INSTALL BUILDING UTILITIES, FOUNDATION, CONSTRUCT BUILDING.
- INSTALL SUBBASE FOR PARKING LOT.
- FINISH GRADE AROUND BUILDING.
- ROUGH GRADE PROPOSED GAS ISLAND AREA.
- INSTALL UTILITIES, U.S. TANKS, PIPING, ETC.
- INSTALL REMAINING SUBBASE AND PAVEMENT.
- COMPLETE SOIL RESTORATION AS SPECIFIED ON THIS SHEET.
- FINISH GRADE AND SEED GREENSPACE AREAS.
- INSTALL LANDSCAPING, MULCH, ETC.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AS ORDERED BY QUALIFIED INSPECTOR.



TEMPORARY STOCKPILE DETAIL



CONCRETE WASHOUT DETAIL



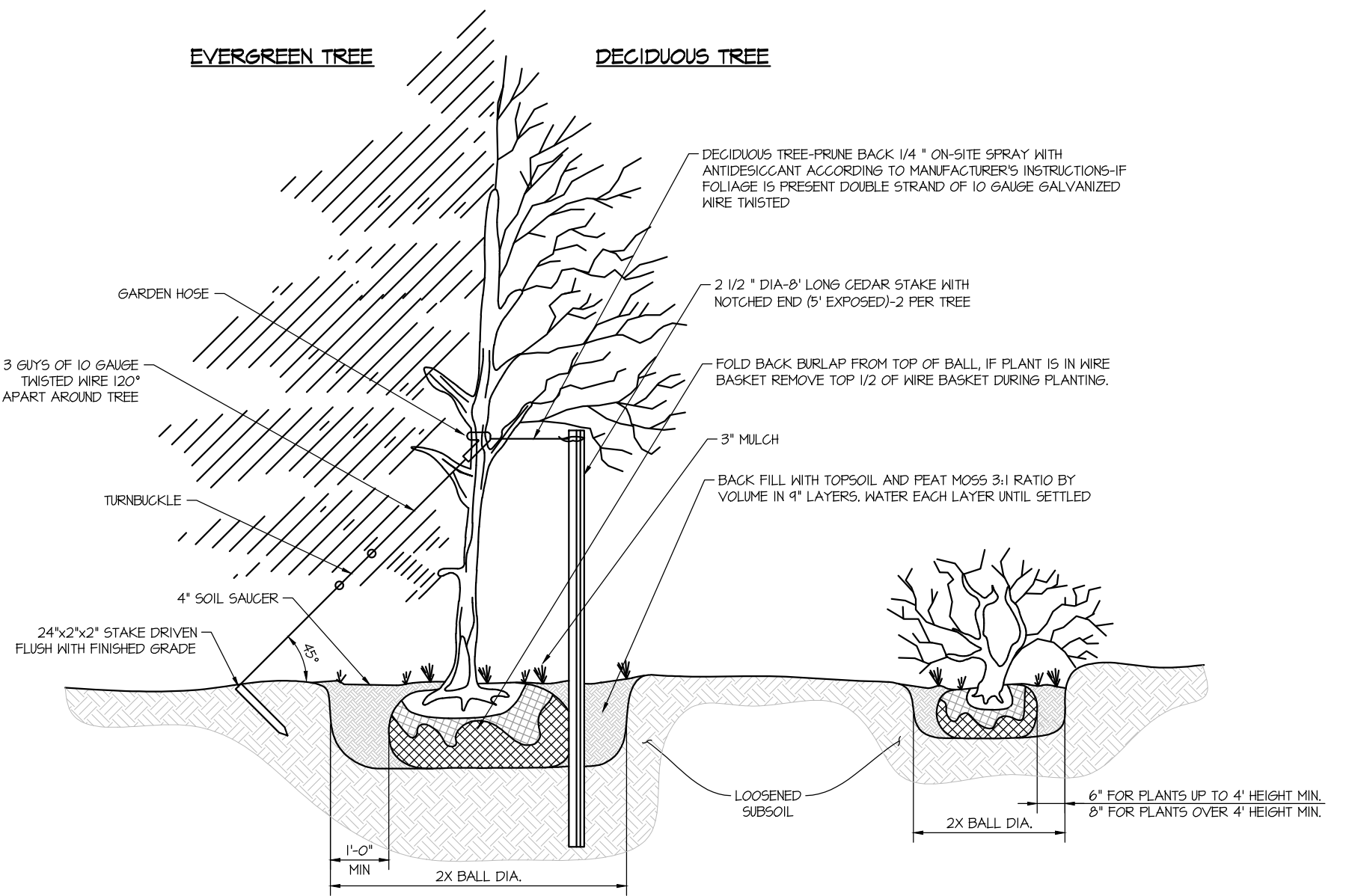
- CONSTRUCTION SPECIFICATIONS:
1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
 2. HARDWARE CLOTH OR 1/2\"/>
 3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATLIER.
 4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS. MAXIMUM DRAINAGE AREA 1 ACRE

STANDARD SYMBOL



STONE & BLOCK DROP INLET PROTECTION STRUCTURE

		STORE NAME, ABBREVIATION & NO.		SOUTH UTICA - 217	
		SITE LOCATION		2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502	
DATE	NO.	REVISIONS			DRAWN BY: JRG SCALE: AS SHOWN DATE: 6/29/22
4/22/22 10/2/22	1 2	PER PLANNING BOARD COMMENTS FULL SITE DESIGN PLANS PREPARED			
TITL				DRAWING NO. 5-6	
ALTERATIONS TO THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED PROFESSIONAL ENGINEER IS ILLEGAL AND A VIOLATION OF THE NEW YORK STATE EDUCATION LAW				EROSION CONTROL (SWPPP) DETAILS	



PLANTING NOTES:

1. DECIDUOUS PLANTING SEASONS
SPRING: APRIL 1 - MAY 20
FALL: OCTOBER 1 - NOVEMBER 15
2. ALL PLANTS SHALL BE GUARANTEED AND MAINTAINED FOR A PERIOD OF 1 YEAR AFTER BEING PROPERLY PLANTED.
3. REPLACEMENT PLANTS SHALL BE PLANTED IN CONFORMANCE WITH THE SAME SPECIFICATIONS AS THE ORIGINAL PLANTS.
4. WRAP DECIDUOUS TREES OVER 1\" GAL. WITH PLASTIC TREE GUARDS
- REMOVE TREE GUARDS AFTER A MIN. OF 2 WINTERS AND BEFORE A MAX. OF 5 WINTERS
5. EVERGREEN TREE-GROUND LINE TO BE THE SAME AS EXISTED AT THE NURSERY
6. TREE CALIPER IS TO BE MEASURED AT A HEIGHT OF 4\"
7. ALL STAKES AND GUY WIRES TO BE REMOVED 2 YEARS AFTER INITIAL PLANTING.

PLANTING DETAIL
SCALE: N.T.S.

PLANT LIST

	ABRV	BOTANICAL NAME	COMMON NAME	QTY	SIZE	SPACING
PERENNIALS	HS	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY - STELLA DE ORO	14	2 GAL.	AS SHOWN
	RF	RUDBECKIA FILIFIDA	BLACK-EYED SUSAN	19	2 GAL.	AS SHOWN
	EP	ECHINACEA PURPUREA 'RUBY STAR'	CONEFLOWER - PURPLE	7	2 GAL.	AS SHOWN
	PF	PENINSETUM FUSLET	GRASS - FUSLET FOUNTAIN	7	2 GAL.	AS SHOWN
	AG	ASTILBE X ARENDSEII 'GRANAT'	GRANAT ASTILBE	13	2 GAL.	AS SHOWN
	RPJ	RHODODENDRON 'P.M'	P.M RHODODENDRON	6	14\"-18\"	AS SHOWN
SHRUBS	SJ	SPIRAEA JAPONICA	LITTLE PRINCESS SPIREA	16	14\"-18\"	AS SHOWN
	PC	PRUNUS X CISTENA	PURPLE LEAF SANDCHERRY	14	18\"-24\"	AS SHOWN
	SG	SPIRAEA GOLDMOUND	GOLDMOUND SPIREA	15	14\"-18\"	AS SHOWN
	ARR5	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	2	3\" - 3-1/2\" CAL.	AS SHOWN
TREES	BN	BETULA NIGRA	MULTI STEM RIVER BIRCH	2	10\"-12\" MIN.	AS SHOWN
	CF	CORNUS FLORIDA 'CHEROKEE CHIEF'	RED FLOWERING DOGWOOD	3	3\" - 3-1/2\" CAL.	AS SHOWN
	PS	PINUS STROBUS	EASTERN WHITE PINE	5	6\" MIN.	AS SHOWN
	PIAB	PICEA ABIES	NORWAY SPRUCE	4	6\" MIN.	AS SHOWN
	TON	THUJA OCCIDENTALIS NIGRA'	DARK AMERICAN ARBORVITAE	4	5'-6\" MIN.	AS SHOWN
	EP	EPHEDRA	SPRUCE	2	3\" - 3-1/2\" CAL.	AS SHOWN
	PC	PRUNUS	SANDCHERRY	3	18\"-24\"	AS SHOWN

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STORE NAME, ABBREVIATION & NO.
SOUTH UTICA - 217

SITE LOCATION
2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502

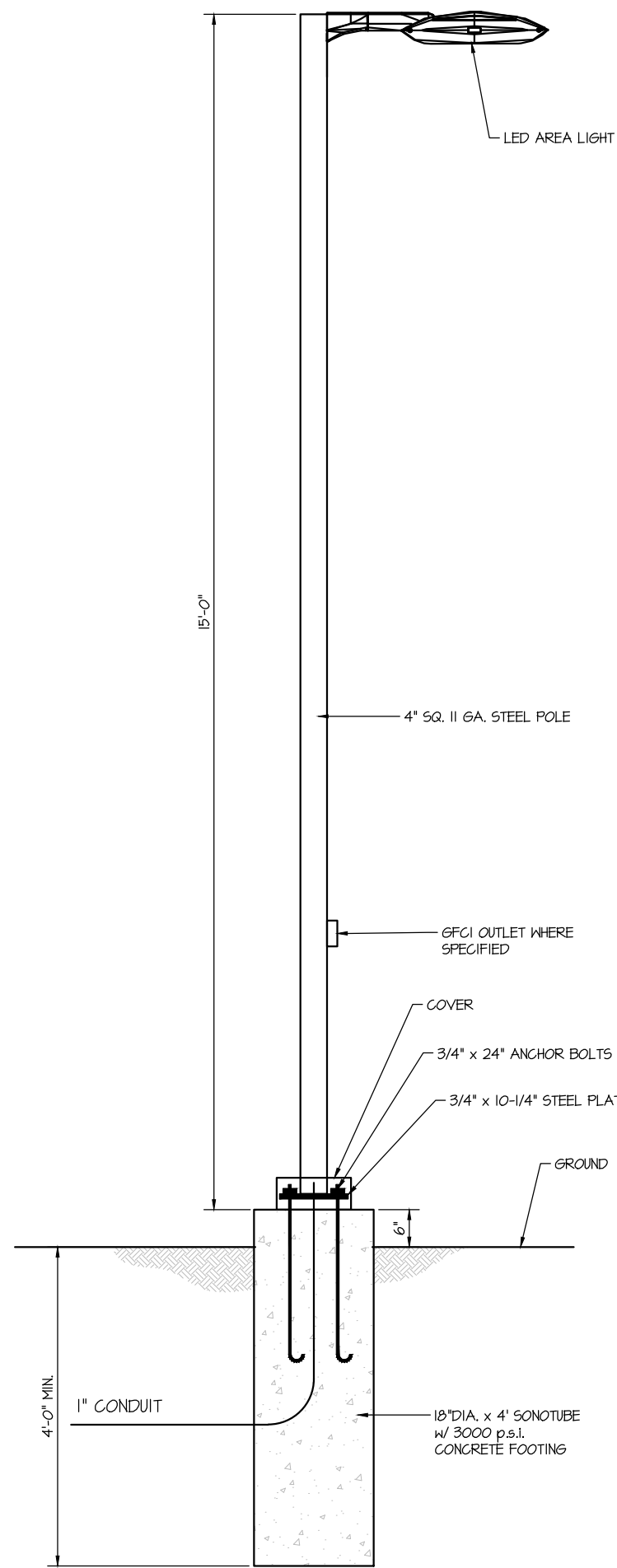
DATE	NO.	REVISIONS
4/22/22	1	PER PLANNING BOARD COMMENTS
10/22/22	2	FULL SITE DESIGN PLANS PREPARED

SARATOGA SPRINGS, NY 12866
TEL: (518) 581-1200 FAX: (518) 581-1209

DRAWN BY: JR6
SCALE: 1\"=20\"
DATE: 6/29/22

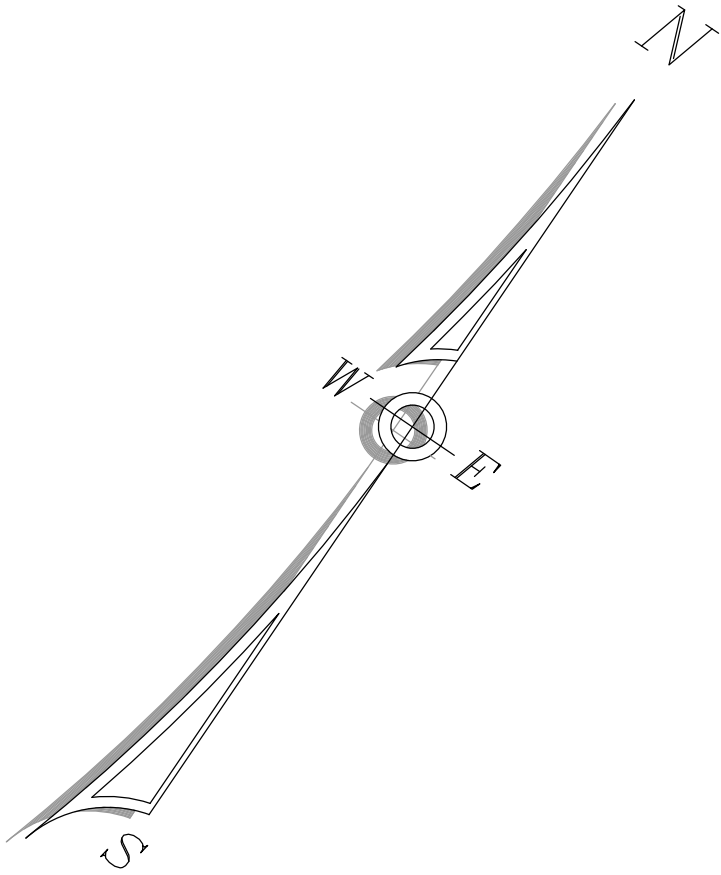
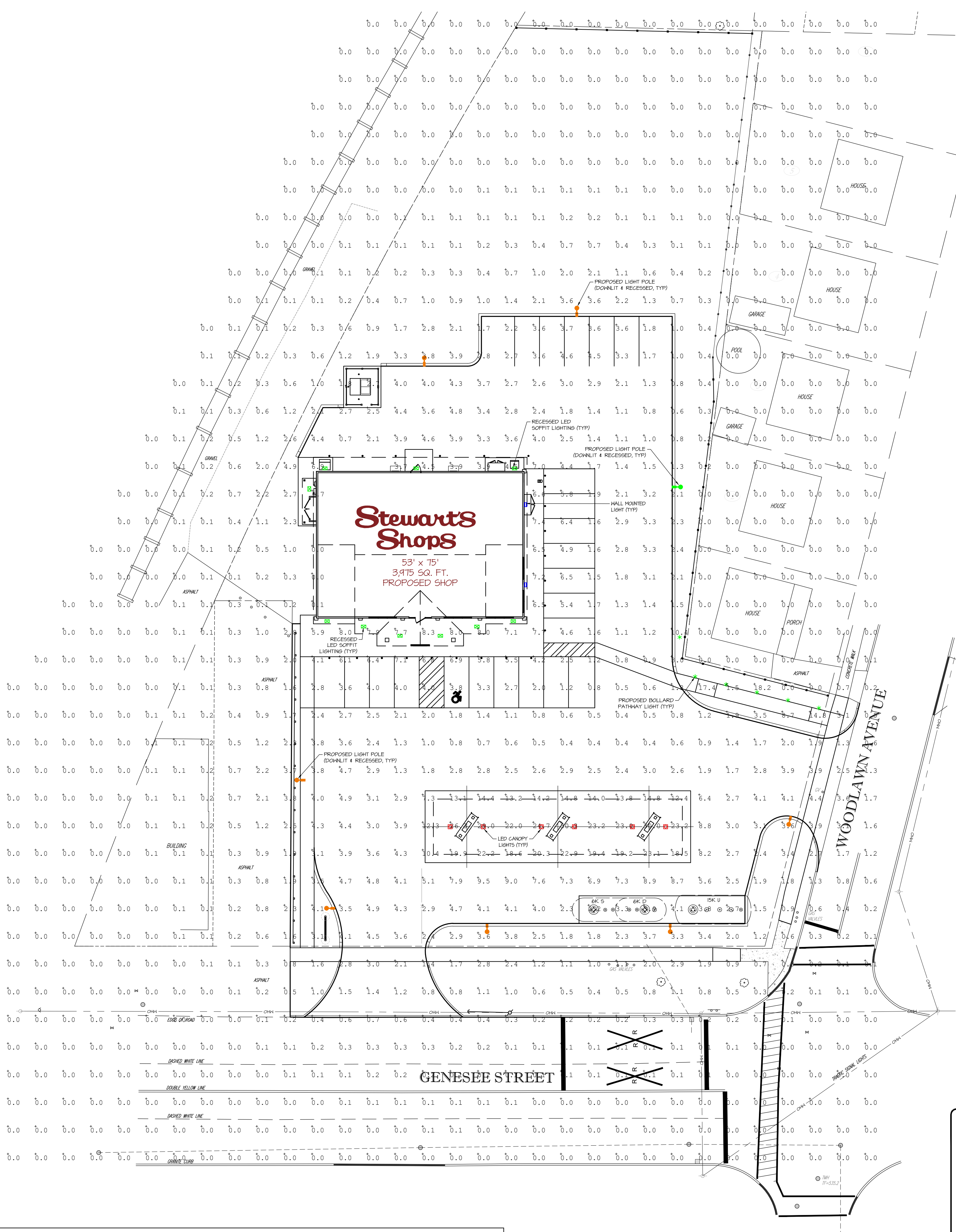
DRAWING NO.
5-7

TITLE:
LANDSCAPE PLAN



LIGHT POLE DETAIL

Luminaire Schedule			Arrangement	Description	Lum. Watts	Lum. Lumens
Symbol	Qty	Label				
	7	ARE-ED6-3M-DA-06-E-UL-BZ-100-30K	SINGLE	POLE LIGHT, 3,000K LED, DIRECT ARM MOUNT (SPECIAL ORDER)	136.3	9196
	1	ARE-ED6-3M-B-DA-06-E-UL-BZ-100-30K	SINGLE	POLE LIGHT SHIELDED, 3,000K LED, DIRECT ARM MOUNT (SPECIAL ORDER)	131.9	8841
	6	CAN-304-PS-RS-06-E-UL-WH-525-30K	SINGLE	CANOPY LIGHT, 3,000K LED, RECESSED MOUNT (SPECIAL ORDER)	101	11274
	2	SEC-ED6-3M-WH-04-E-UL-WH-525-30K	SINGLE	SECURITY LIGHT, 3,000K LED, WALL MOUNTED (SPECIAL ORDER)	68	5893
	10	9FT-228-5M-RM-03-E-UL-WH-525-30K	SINGLE	SOFFIT LIGHT, 3,000K LED, RECESSED MOUNT (SPECIAL ORDER)	34	3714
	6	BL-CLRD2225G(BLANK 36)(BLANK; GR) 30K	SINGLE	BOLLARD LIGHT, 3,000K LED, DOWNLIT PATHWAY LIGHT	130	2860





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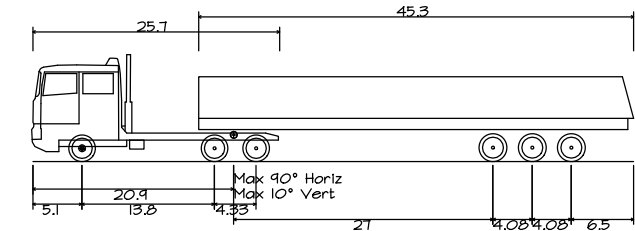
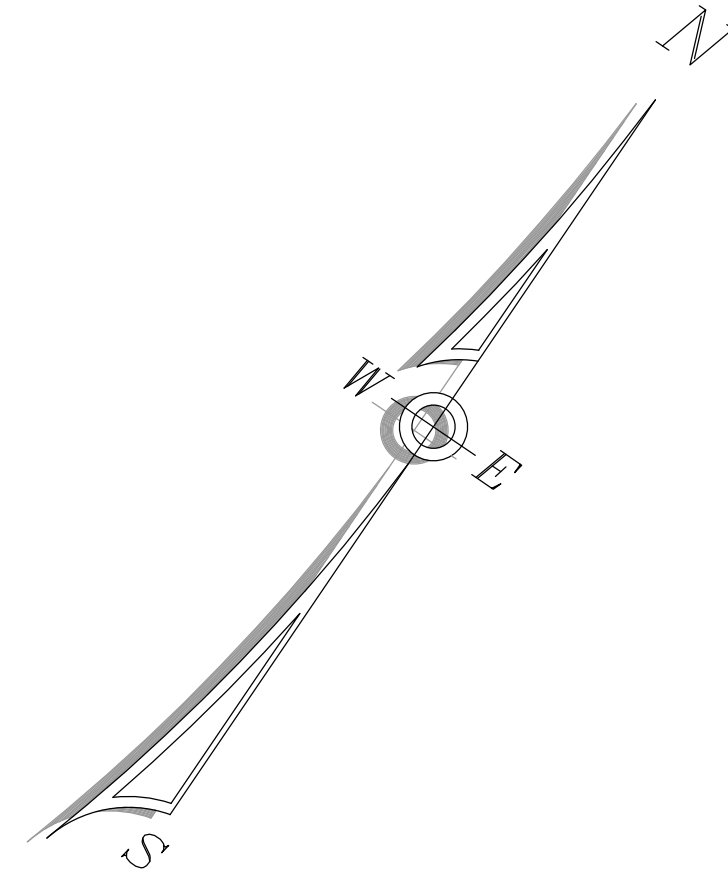
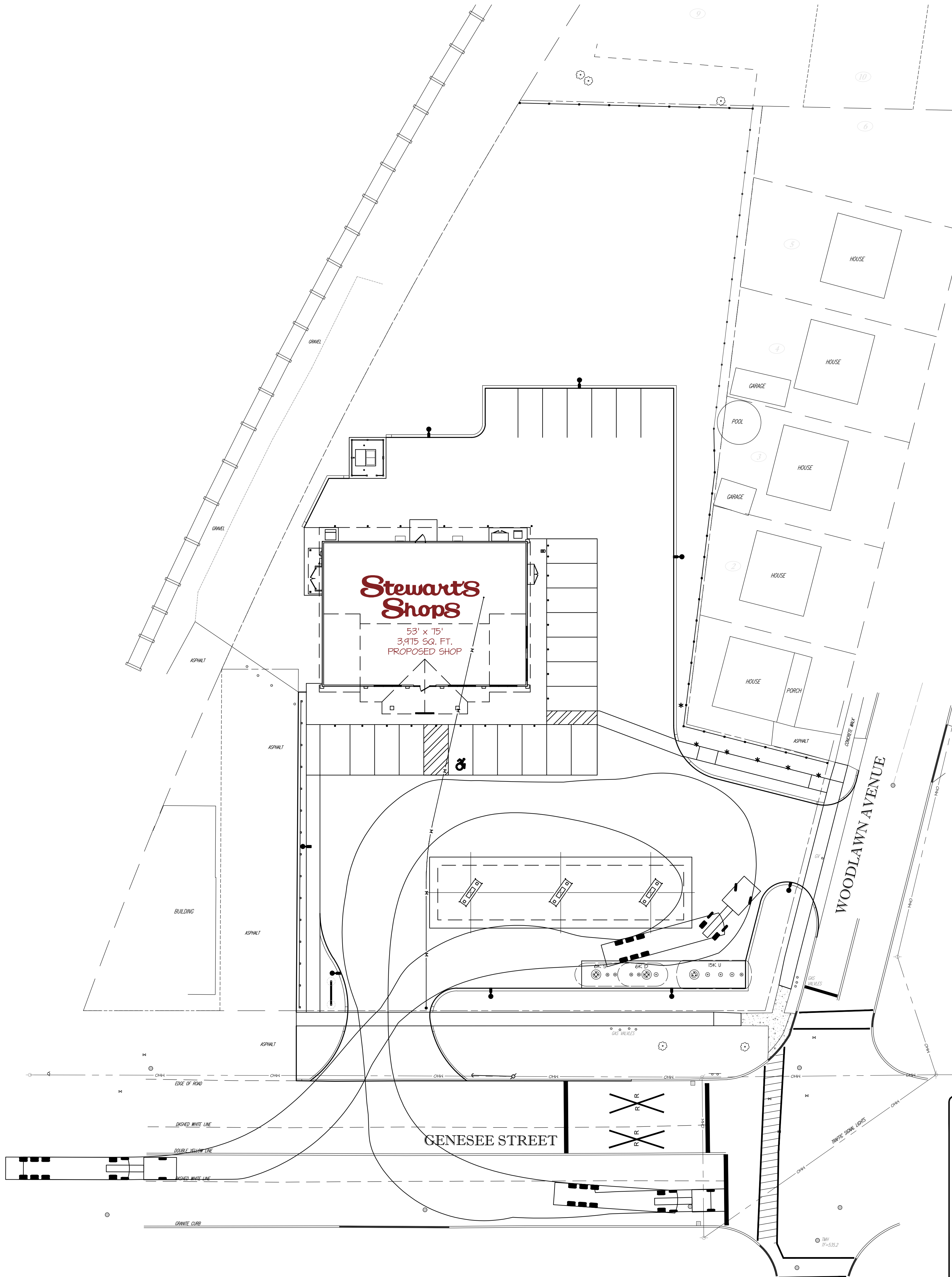
STORE NAME, ABBREVIATION & NO.		SOUTH UTICA - 217	
SITE LOCATION		2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502	
DATE	NO.	REVISIONS	
4/22/22	1	PER PLANNING BOARD COMMENTS	
10/22	2	FULL SITE DESIGN PLANS PREPARED	



SARATOGA SPRINGS, NY 12866
TEL (518)581-1200 FAX (518)581-1209

DRAWN BY: JR6	DRAWING NO. 5-8
SCALE: 1"=20'	
DATE: 6/29/22	

TITLE: PHOTOMETRIC PLAN



Stewart's Tanker
Overall Length 25.1'
Overall Width 45.3'
Overall Height 11.4'
Min Body Ground Clearance 1.04'
Max Track Width 8.20'
Lock-to-lock time 4.00s
Curb to curb Turning Radius 31.650'

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SITE LOCATION		2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502	
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10/02/22	2	FULL SITE DESIGN PLANS PREPARED	

SARATOGA SPRINGS, NY 12866
TEL. (518)581-1200 FAX (518)581-1209

TITLE:

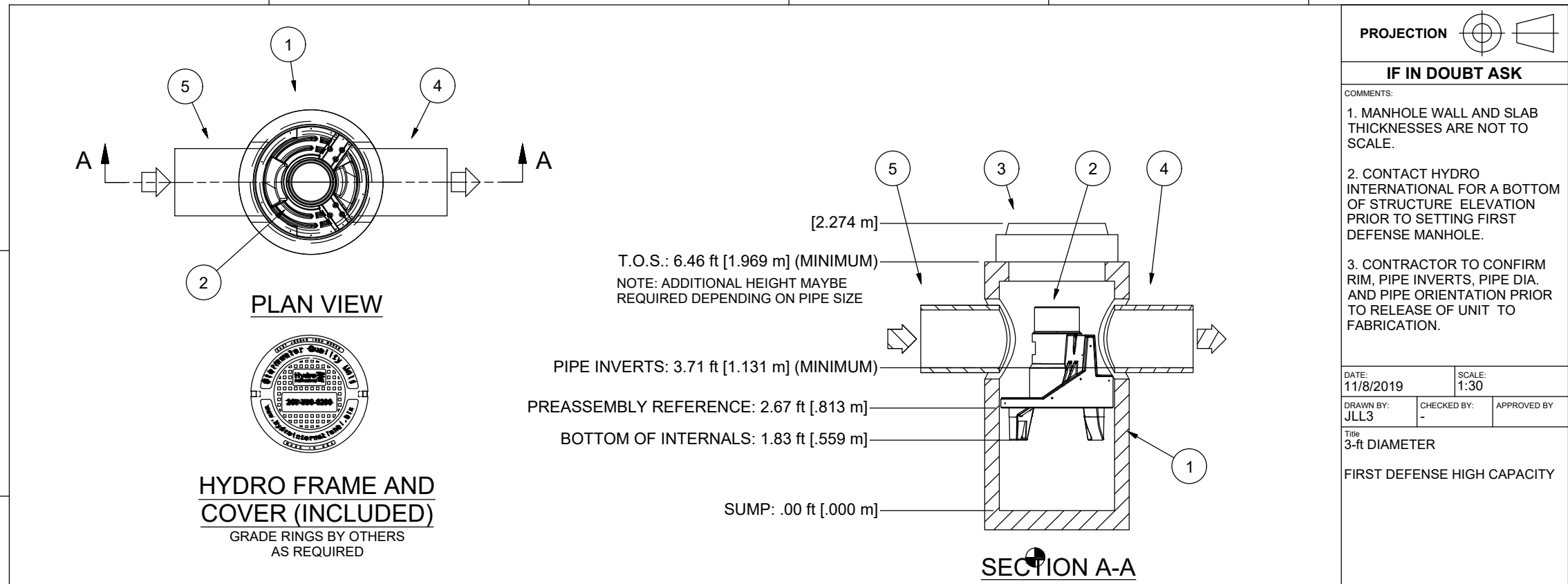
TRUCK CIRCULATION PLAN

DRAWN BY: JRG

SCALE: 1"=20'

DATE: 6/29/22

DRAWING NO. S-9



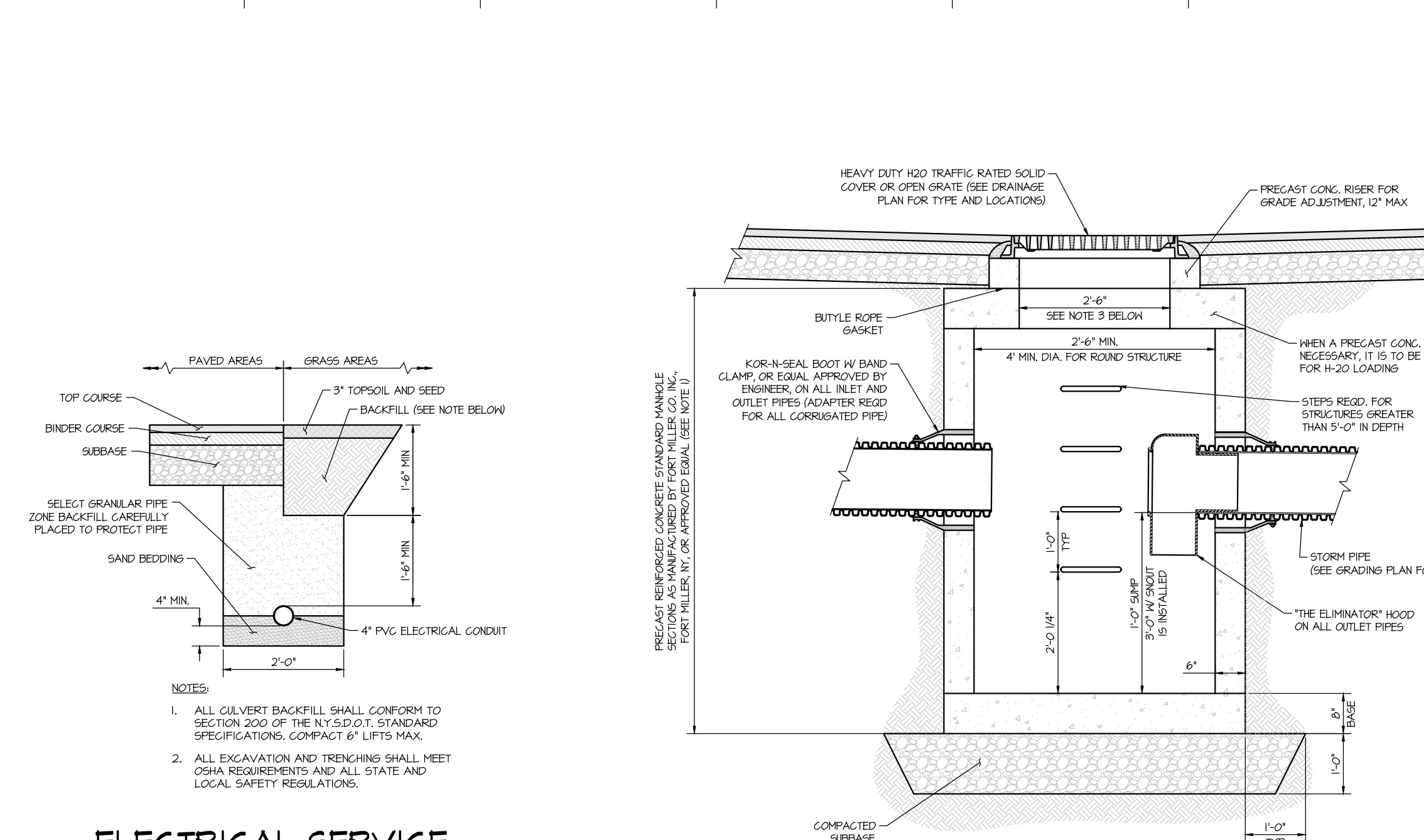
PRODUCT SPECIFICATION:

1. PEAK HYDRAULIC FLOW: 15.0 cfs (424 l/s)
2. MIN SEDIMENT STORAGE CAPACITY: 0.4 cu. yd. (0.3 cu. m.)
3. OIL STORAGE CAPACITY: 125 gal. (473 liters)
4. MAXIMUM INLET/OUTLET PIPE DIAMETERS: 18 in. (450 mm)
5. THE TREATMENT SYSTEM SHALL USE AN INDUCED VORTEX TO SEPARATE POLLUTANTS FROM STORMWATER RUNOFF.
6. FOR MORE PRODUCT INFORMATION INCLUDING REGULATORY ACCEPTANCES, PLEASE VISIT <https://hydro-int.com/en/products/first-defense>

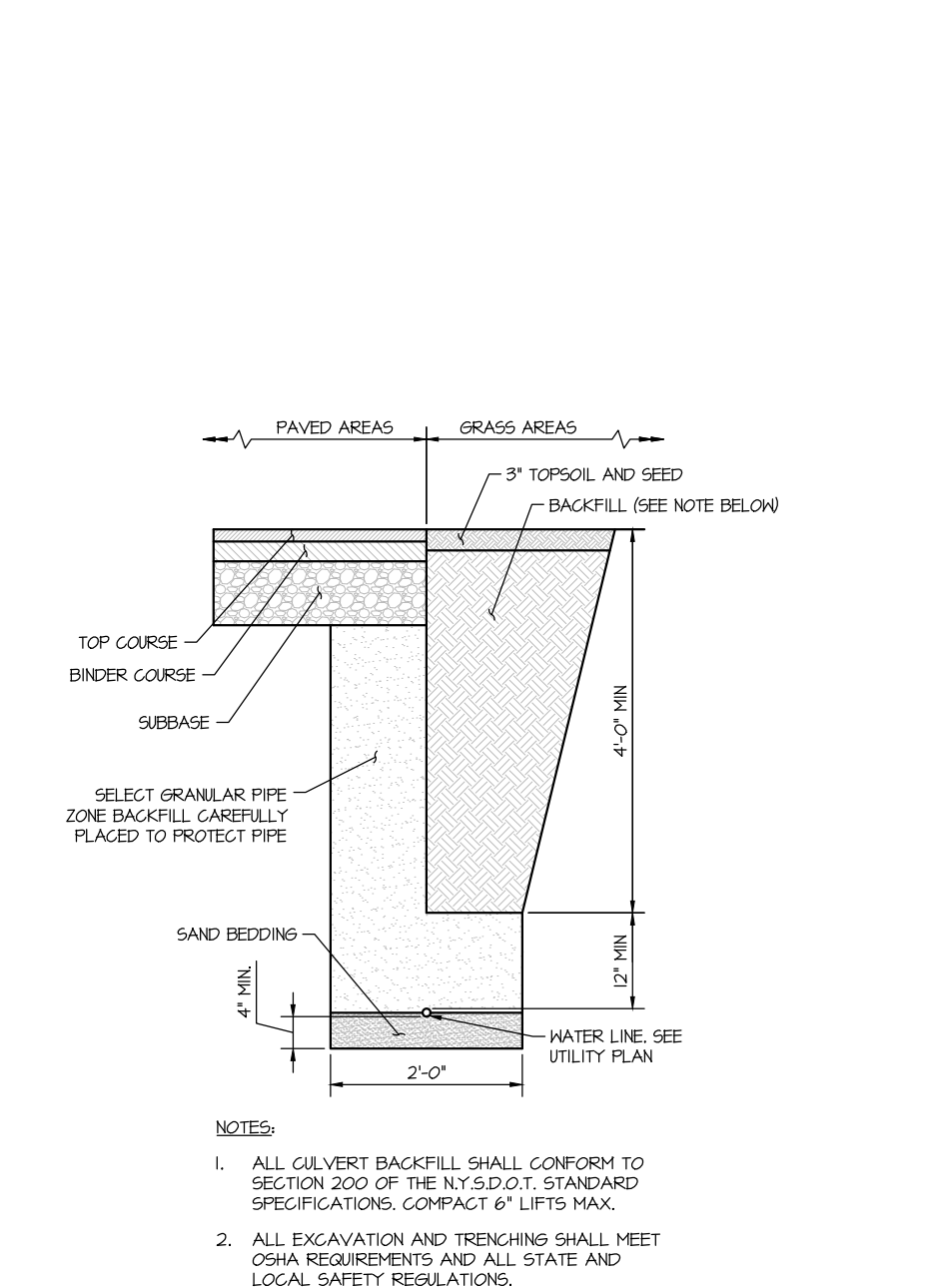
GENERAL NOTES:

1. General Arrangement drawings only. Contact Hydro International for site specific drawings.
2. The diameter of the inlet and outlet pipes may be no more than 18".
3. Multiple inlet pipes possible (refer to project plan).
4. Inlet/outlet pipe angle can vary to align with drainage network (refer to project plans).
5. Peak flow rate and minimum height limited by available cover and pipe diameter.
6. Larger sediment storage capacity may be provided with a deeper sump depth.

ANY WARRANTY GIVEN BY HYDRO INTERNATIONAL WILL APPLY ONLY TO THOSE ITEMS SUPPLIED BY IT. ACCORDINGLY HYDRO INTERNATIONAL CANNOT ACCEPT ANY RESPONSIBILITY FOR ANY STRUCTURE, FRAME OR EQUIPMENT OR FOR THE PERFORMANCE OF ITS EQUIPMENT, OR FOR ANY THERETO, IF THE EQUIPMENT IS SUBJECT TO CONDITIONS OUTSIDE ANY DESIGN SPECIFICATION. HYDRO INTERNATIONAL OWNS THE COPYRIGHT OF THE DRAWING, WHICH IS SHOWN IN CONFIDENCE. IT MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED AND MUST NOT BE REPRODUCED, IN WHOLE OR IN PART, WITHOUT PRIOR PERMISSION IN WRITING FROM HYDRO INTERNATIONAL.



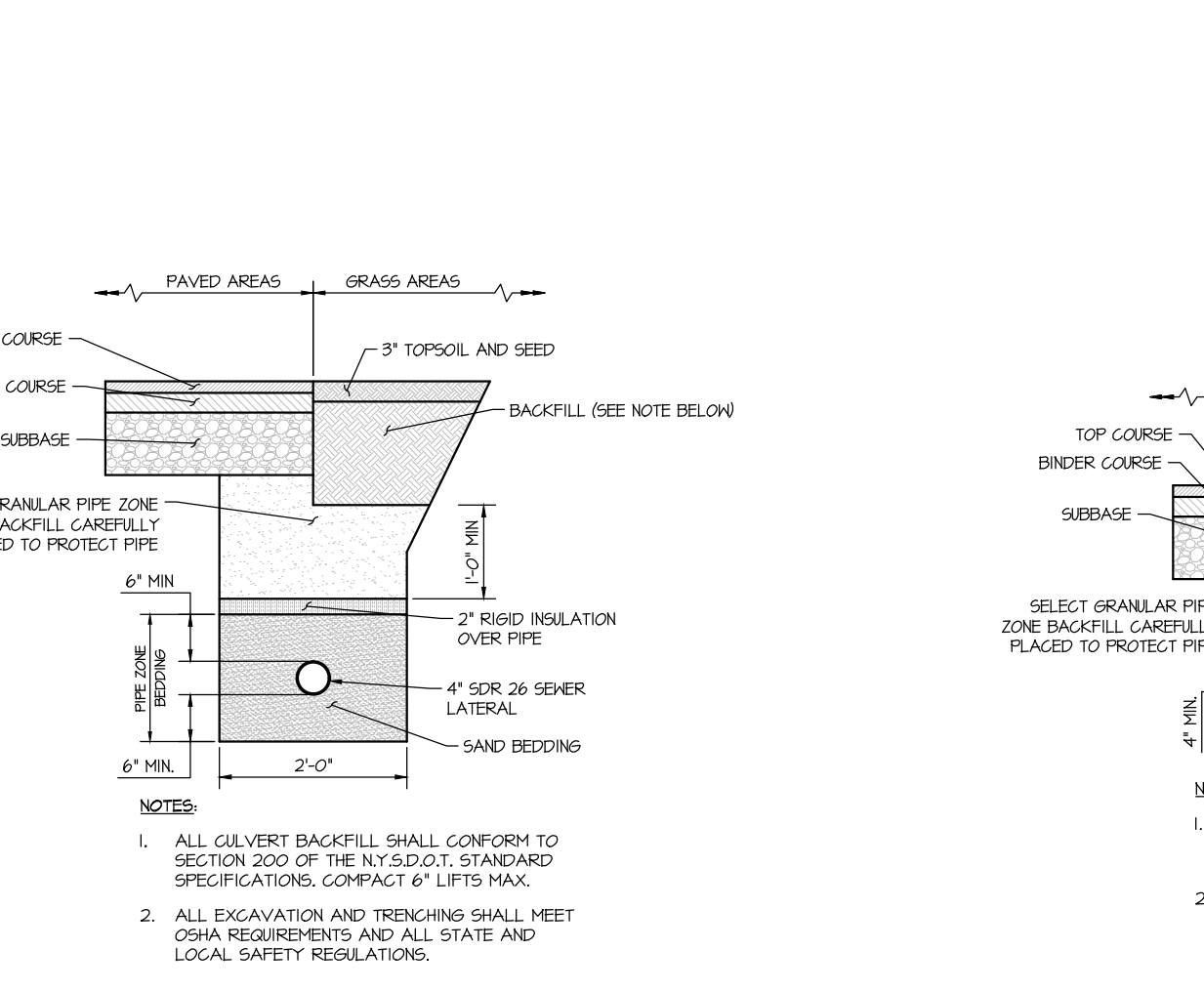
ELECTRICAL SERVICE TRENCH AND BEDDING DETAIL



WATER LINE TRENCH AND BEDDING DETAIL



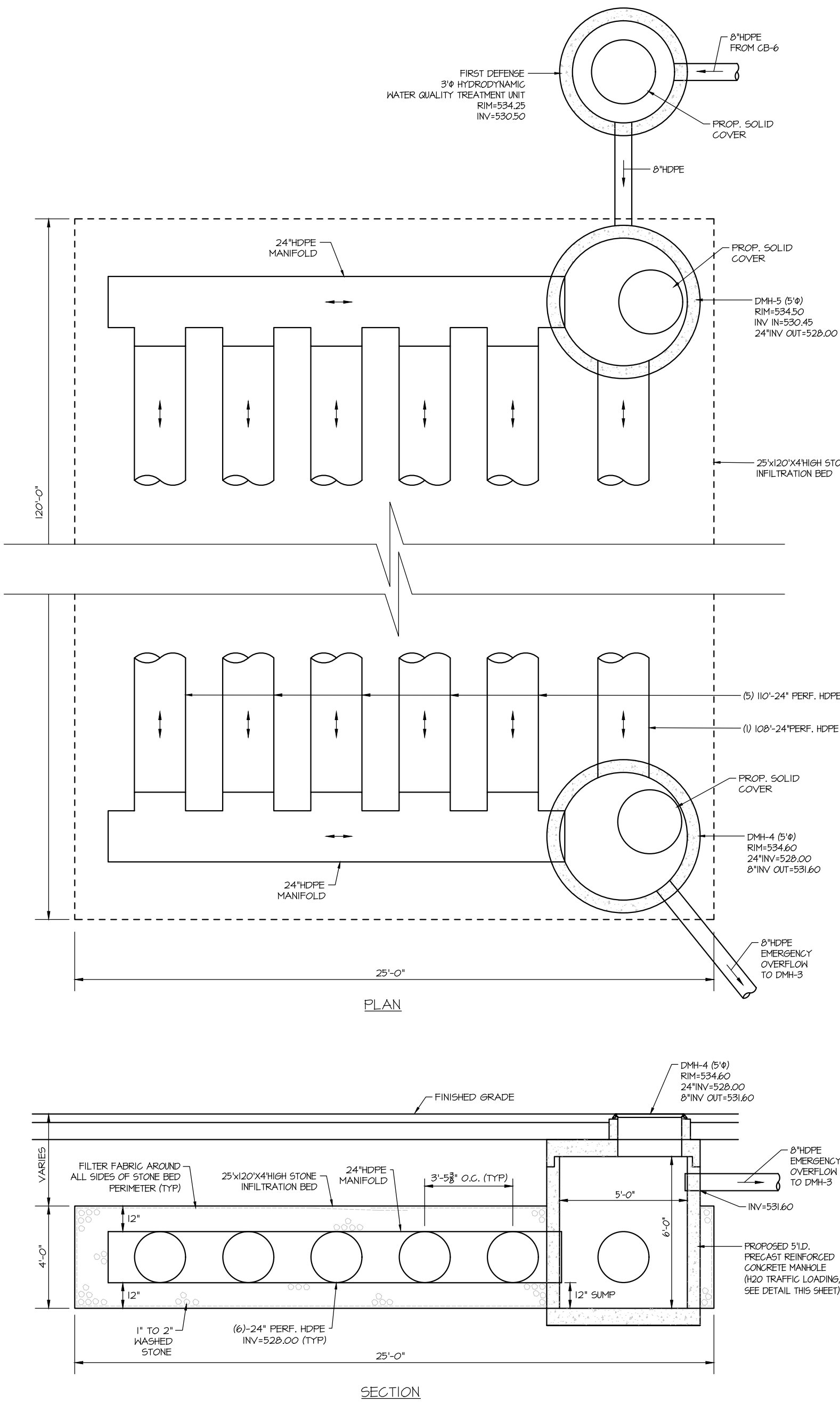
TYPICAL PRECAST CONCRETE DRAINAGE CATCH BASIN / MANHOLE DETAIL



PVC SEWER LATERAL TRENCH AND BEDDING DETAIL

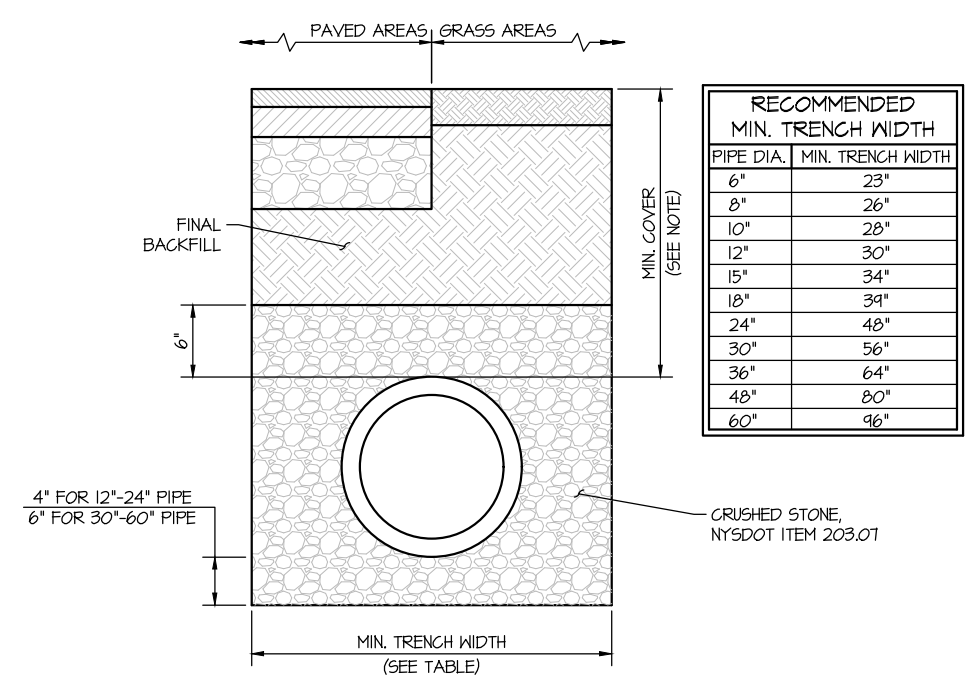


ELECTRIC & CAMERA CONDUIT TRENCH AND BEDDING DETAIL



STORMWATER INFILTRATION SYSTEM DETAIL

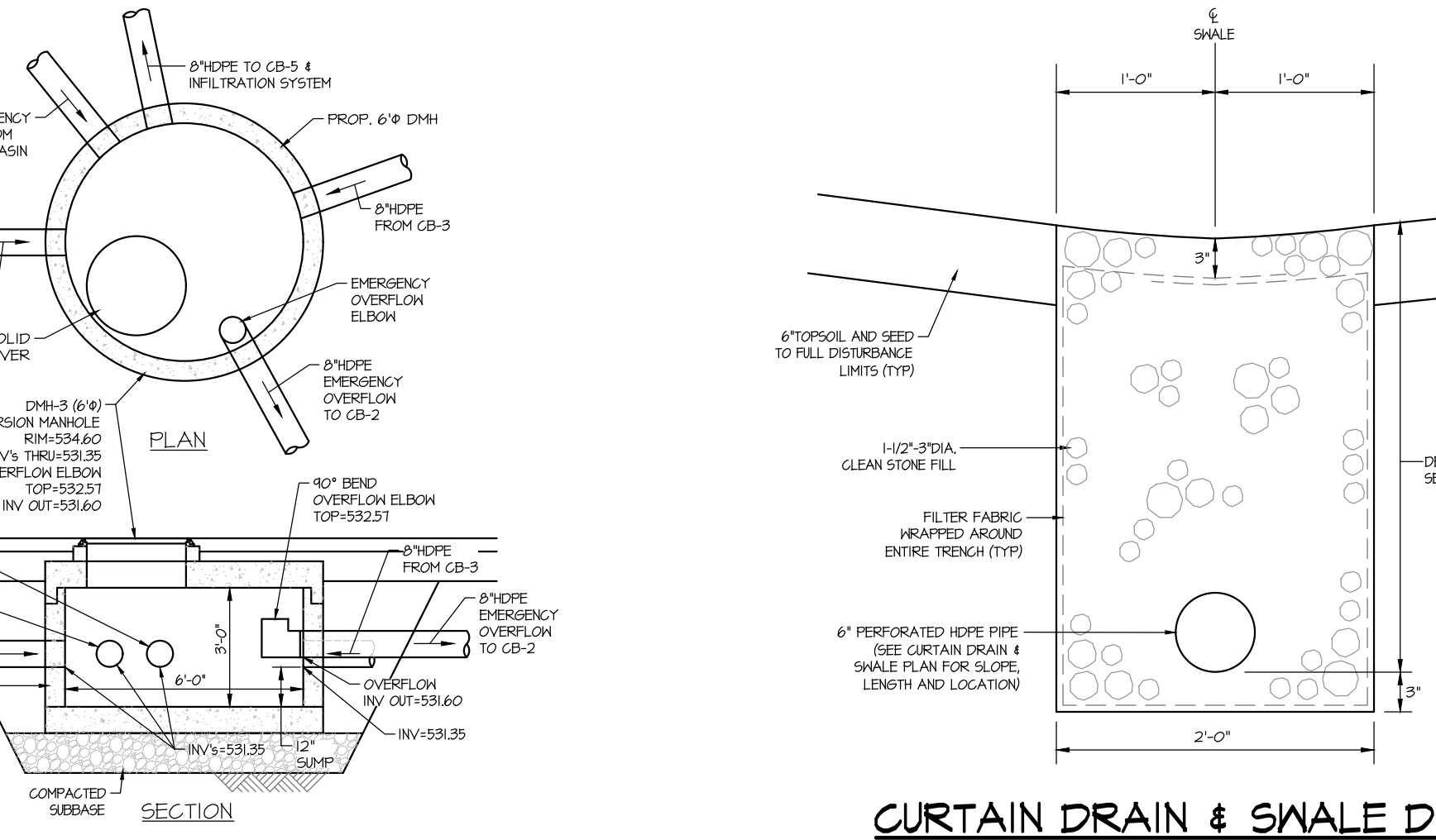
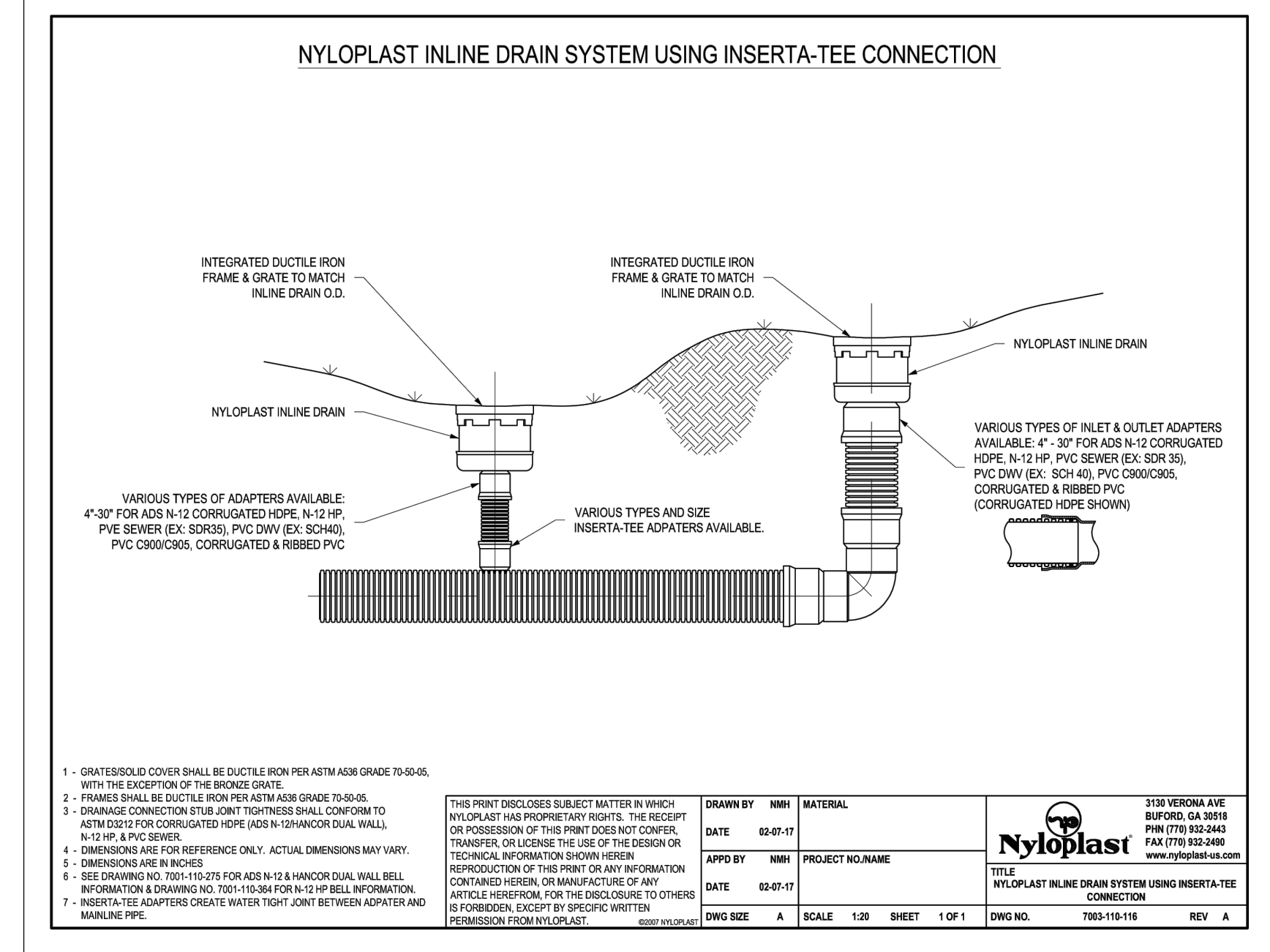
SCALE: 1/4" = 1'-0"



NOTES:

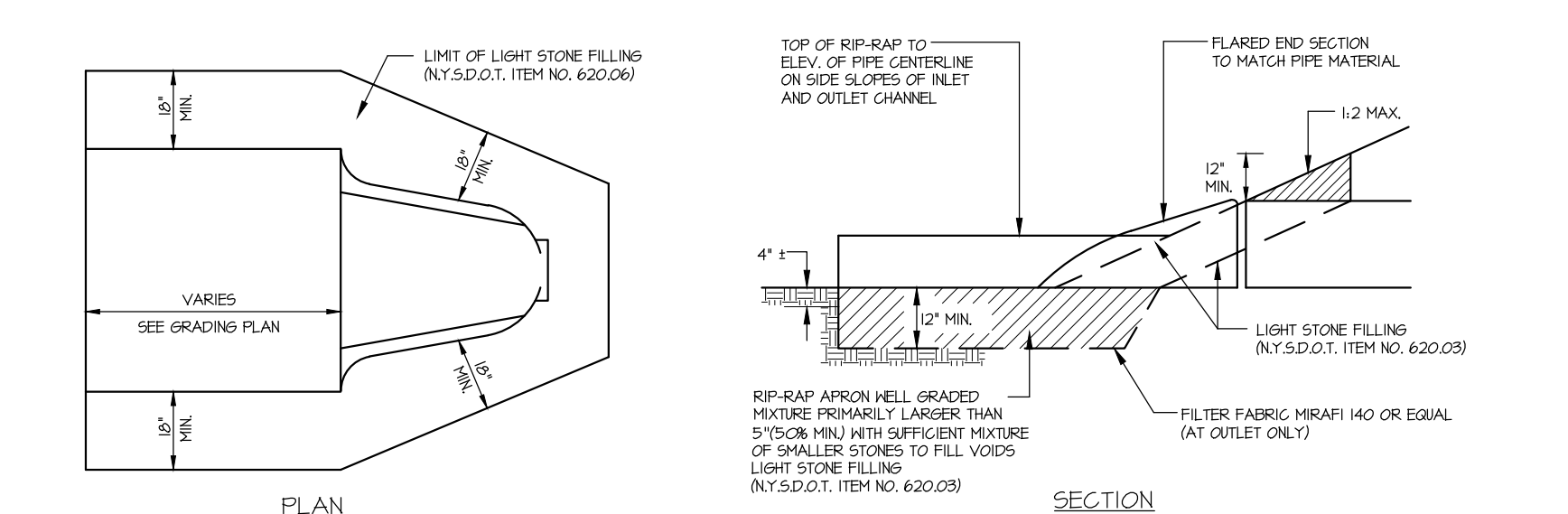
1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE PINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REINFORCE WITH SITUABLE MATERIAL, AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. MINIMUM COVER: MINIMUM COVER, 18 IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION FOR TRAFFIC APPLICATIONS. MINIMUM COVER, 18 IN 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 36"-60" DIAMETER PIPE, HEADS FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

STORM SEWER CORRUGATED HDPE PIPE TRENCH & BEDDING



DMH-3 DIVERSION MANHOLE DETAIL

SCALE: 1/4" = 1'-0"



DRAINAGE PIPE FLARED END SECTION OUTLET PROTECTION DETAIL



		STORE NAME, ABBREVIATION & NO. SOUTH UTICA - 217	
SITE LOCATION 2632 & 2634 GENESEE STREET - CITY OF UTICA, NY 13502		DATE 4/22/22 NOV22	
NO. 1		REVISIONS PER PLANNING BOARD COMMENTS FULL SITE DESIGN PLANS PREPARED	
DRAWN BY: JRG SCALE: AS SHOWN DATE: 6/29/22		DRAWING NO. S-10	
TITEL: MISCELLANEOUS DETAILS		SARATOGA SPRINGS, NY 12866 TEL: (518)581-1200 FAX: (518)581-1209	

CONCRETE MATERIALS

- PORTLAND CEMENT, ASTM C 150, TYPE II OR TYPE III ONLY.
- FLY ASH, ASTM C 682, TYPE F.
- GROUND-OR-GRANULATED, BLAST-FURNACE SLAG, ASTM C 989, GRADE 100 OR 120.
- WATER, ASTM C 94, CLEAN, FRESH, POTABLE.
- AGGREGATES, FROM NYSDOT-APPROVED SOURCES IF INDICATED AS REACTIVE FOR ALKALI-SILICA REACTION (ASR) BY NYSDOT, THESE AGGREGATES MUST BE USED IN CONJUNCTION WITH LOW ALKALI CEMENT (50/60% EQUIVALENT ALKALI) OR CLASS F FLY ASH SUBSTITUTED FOR PORTLAND CEMENT AT A RATE OF 15-20% BY MASS.

A. AIR ENTRAPPING: ASTM D 260.

B. SET-RETARDING ADMIXTURES: ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE B OR G. USE AS NEEDED, WITH PRIOR APPROVAL ONLY.

C. ACCELERATING ADMIXTURES: ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE C OR E. USE AS NEEDED, WITH PRIOR APPROVAL ONLY.

D. CALCIUM CHLORIDE: NOT PERMITTED.

E. HIGH-RANGE, WATER-REDUCING ADMIXTURE (SUPERPLASTICIZER): ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE F OR G.

F. WATER-REDUCING ADMIXTURE (NORMAL): ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE A.

G. MID-RANGE, WATER REDUCER: ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE A OR F.

- A. MINIMUM COMPRESSIVE STRENGTH: 4500 PSI
- B. MAXIMUM WATER/CEMENTITIOUS MATERIALS RATIO (W/CM): 0.45
- C. AIR CONTENT: 5.5% ±1.5% AT POINT OF PLACEMENT
- D. SLUMP LIMIT: 3 TO 5 INCHES WHEN NORMAL OR MID-RANGE WATER REDUCERS ARE UTILIZED
- E. SLUMP LIMIT: UP TO 6 INCHES WHEN HIGH-RANGE WATER REDUCERS ARE UTILIZED

- A. PRIOR TO CONCRETE PLACEMENT, SUBMIT A COPY OF THE PROPOSED MIX DESIGN FOR REVIEW AND APPROVAL.
- B. SUBGRADE AND/OR SUBBASE SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT DOCUMENTS PRIOR TO CONCRETE PLACEMENT.
- C. DO NOT PLACE CONCRETE ON FROZEN SUBGRADE OR SUBBASE.

- A. DO NOT ADD WATER TO THE CONCRETE MIX DURING DELIVERY, AT PROJECT SITE, OR DURING PLACEMENT UNLESS APPROVED BY OWNERS REPRESENTATIVE, AND ONLY WHEN MIX PLANT IS DOCUMENTED ON A COMPUTER GENERATED BATCH TAG AS BEING AT OR BELOW THE MAXIMUM. DO NOT EXCEED THE TOTAL AMOUNT OF WATER IN THE APPROVED MIX DESIGN.
- B. DEPOSIT AND CONSOLIDATE CONCRETE IN CONTINUOUS OPERATION WITHIN LIMITS OF CONSTRUCTION JOINTS, UNITS, PLACING OF BARR OR SECTION IS COMPLETE.
- C. BRIND SLAB SURFACES TO CORRECT LEVEL AND STRIKE-OFF.
- D. IF USING A VIBRATORY SCREED IT SHOULD BE MOVED RAPIDLY, ENSURING CONSOLIDATION BUT AVOIDING HOPKING UP EXCESSIVE MATERIAL AND MOISTURE TO THE CONCRETE SURFACE.
- E. BEFORE ELIUED WATER STARTS TO APPEAR, LEVEL AND SMOOTH THE CONCRETE SURFACE FURTHER USING A BULL FLOAT OR POWERED BULL FLOAT. KEEP THE BULL FLOAT AS NEAR AS POSSIBLE TO AVOID TREATING THE SEALING OF THE SURFACE. CARE SHOULD BE TAKEN TO NOT OVER FLAT THE SURFACE.
- F. DO NOT FURTHER DISTURB THE CONCRETE SURFACE BEFORE STARTING THE FINISHING OPERATIONS.

- A. WHILE THE CONCRETE IS STILL PLACED, AND AFTER THE CONCRETE HAS STOPPED BLEEDING (THE WATER SHEEN HAS LEFT THE SURFACE), A FINAL FLOAT FINISH MAY BE APPLIED IF NEEDED.
- B. IMMEDIATELY AFTER THE FINAL FLOAT FINISH APPLY A NON-SLIP, LITE BROOM FINISH WITH A FIBER BRISTLE BROOM, PERPENDICULAR TO THE MAIN TRAFFIC ROUTE.
- C. FINISHING SHOULD BE DELAYED AS LONG AS POSSIBLE.
- D. AT NO TIME DURING THE FINISHING PROCESS SHOULD WATER OR CEMENT BE ADDED TO THE CONCRETE SURFACE.
- E. CONCRETE IS NOT TO BE STEEL TROWELED EITHER BY HAND OR MACHINE PRIOR TO THE BROOM FINISHING. ONE PASS OF A MACHINE TO POWER FLOOR MAY BE PERMITTED WITH FLOAT BLADES PLAT.

- A. SAW CUT CONTRACTION JOINTS AS SOON AS POSSIBLE AFTER FINISHING, GENERALLY WITHIN 4 TO 16 HOURS. MAKE SAMPLE CUT TO DETERMINE IF CONCRETE SURFACE IS FIRM ENOUGH SO IT IS NOT TORN OR DAMAGED BY BLADE.
- B. DEPTH OF CUT SHOULD BE ONE-FOURTH OF THE SLAB THICKNESS, WITH A MINIMUM DEPTH OF 1-INCH.

A. WITHIN 2 HOURS OF THE FINAL FINISH, APPLY CHEMMASTER® SILENCER™, A OR SPECOCHEM GURSHIELD EX CURING AND SEALING COMPOUND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND AT LOCATIONS INDICATED ON THE DRAWINGS.

B. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES FOR AT LEAST 3 DAYS.

A. THE CONTRACTOR SHALL ENSURE A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS TO MEET THE FOLLOWING REQUIREMENTS:

1. CONCRETE TESTS. TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:

- 1. TESTING REQUIREMENTS. OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE EXCEEDING 100 CY. AND ONE FOR EACH DAY'S POUR OF EACH MIXTURE LESS THAN 100 CY. TO RUN ONE TEST FOR EACH APPLICATION.
- 2. SLUMP. ASTM C 143.6M. RUN ONE TEST AT POINT OF TRUCK DISCHARGE FOR EACH DAY'S POUR DELIVERED TO THE SITE, AND ONE FOR EACH DAY'S POUR OF EACH MIXTURE LESS THAN 100 CY. TO RUN ONE TEST FOR EACH APPLICATION. THE SLUMP SHALL BE MEASURED AT THE POINT OF PLACEMENT OF THE CONCRETE. SLUMP TAKEN WHEN BEING TAMPED. CONCRETE WITH SLUMP IN EXCESS OF 100 mm (4 INCHES) SHALL NOT BE PLACED ON THE PROJECT.
- 3. AIR CONTENT. ASTM C 391. RUN ONE TEST FOR EACH DAY'S POUR OF EACH MIXTURE EXCEEDING 100 CY. AND ONE TEST FOR EACH MIXTURE LESS THAN 100 CY. TO RUN ONE TEST FOR EACH DAY'S POUR OF EACH MIXTURE. TEST AT TRUCK. CONCRETE WITH AIR CONTENT ACCEPTANCE CRITERIA NOT MET SHALL NOT BE PLACED ON THE PROJECT. CONCRETE WITH AIR CONTENT OUTSIDE OF THE SPECIFIED LIMITS SHALL NOT BE PLACED ON THE PROJECT.
- 4. COMPRESSIVE-STRENGTH TESTS. ASTM C 39. RUN ONE SET OF 3 CYLINDERS (OR EQUIVALENT) AT 7 DAYS AFTER PLACEMENT OF EACH ADDITIONAL POUR OF EACH SPECIFIED MIXTURE. RESERVE ONE SET OF TESTS FOR FURTHER TESTING IF REQUIRED.
- 5. ADDITIONAL TESTING AND INSPECTIONS AT CONTRACTOR'S EXPENSE, MAY BE PERFORMED TO DETERMINE COMPLIANCE WITH THE SPECIFICATIONS AND/OR ADDITIONAL POURS OF EACH SPECIFIED MIXTURE.

A. THE OWNER WILL EMPLOY A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS TO MEET THE LOCAL CODE REQUIREMENTS AND PREPARE TEST REPORTS.

B. CONCRETE TESTS: TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:

1. TESTING FREQUENCY: OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MEMBER EXCEEDING 5' (6' TO 10') BUT LESS THAN 25' (26' TO 30') PLUS ONE SET FOR EACH ADDITIONAL 50' (51' TO 100') FOR EACH PRACTICE THICKNESS.
2. SLUMP: ASTM C 143M (43C) MAKE ONE TEST AT POINT OF PUMP DISCHARGE FOR EACH TRUCK DELIVERY TO THE SITE, AND FOR EACH PUMP DISCHARGE. TESTS MUST BE CONDUCTED WITHIN 15 MINUTES OF PLACEMENT. TESTS FOR CONCRETE SHALL BE REPEATED AT THE POINT OF PLACEMENT AS WELL AS AT TRUCK CATCH AND DUMPING POINTS. CONCRETE PUMP SUCCESS OF THE SPECIFIED MAXIMUM SHALL NOT BE ELATED ON THE PUMP.
3. AIR CONTENT: ASTM C 230M (230R) PRESURE METHOD FOR NORMAL-WEIGHT CONCRETE ONE TEST FOR EACH CONCREST SAMPLE BUT NOT LESS THAN ONE FOR EACH DAY'S POUR OF EACH CONCRETE MEMBER. TEST AT TRUCK DISCHARGE FOR ACCEPTANCE BASED ON 5% DEFLECTION. ALSO TEST AT THE END OF THE PUMP RUN FOR PLANNED CONCRETE. CONCRETE WITH AIR CONTENT OUTSIDE OF THE SPECIFIED LIMITS SHALL NOT BE PLACED ON THE PROJECT.
4. COMPRESSIVE STRENGTH TESTS: ASTM C 348M (348R) TEST ONE SET OF LABORATORY-CURED SPECIMENS AT 7 DAYS AND ONE SET OF LABORATORY-CURED SPECIMENS AT 28 DAYS. RESERVE ONE SET OF SPECIMENS FOR FURTHER TESTING IF REQUIRED.
5. ADDITIONAL TESTING AND INSPECTION: AT CONTRACTORS EXPENSE, WILL BE PERFORMED TO DETERMINE COMPLIANCE OF REPLACED OR ADDITIONAL WORK WITH SPECIFIED REQUIREMENTS.

Diagram illustrating the layout of a 15-foot wide accessible parking space, divided into three sections:

- Standard Space (9'-0" TYP):** Includes a bollard with a "TYP" cover.
- Handicap Space (6'-0"):** Includes a wheelchair symbol and a "HANDICAP PARKING" sign with a "VAN ACCESSIBLE" symbol.
- Unloading Zone (8'-0"):** Includes a "NO PARKING ANTI-TIME" sign and a "NO PARKING STRIPE" with 4" wide diagonal lines.

Additional details:

- A 4" wide blue line separates the Handicap Space from the Unloading Zone.
- A "NO PARKING STRIPE" is painted blue with 4" wide diagonal lines.
- A note specifies: "NOTE: MAXIMUM SLOPE WITHIN HANDICAPPED PARKING SPACE AND/OR STRIPED AISLE SHALL NOT EXCEED 1:50 (2%)".

CONCRETE MATERIALS

- A. PORTLAND CEMENT, ASTM C 150, TYPE II OR TYPE III ONLY.
- B. FLY ASH, ASTM C 68, TYPE F.
- C. GRIND-GRANULATED, BLAST-FURNACE SLAG, ASTM C 694, GRADE 100 OR 120.
- D. WATER, ASTM C 67, CLEAR, FRESH, POTABLE.

AGGREGATES: FROM TESTED-APPROVED SOURCES, IF INDICATED AS REACTIVE FOR ALKALI-SILICA REACTIVITY (ASR) BY THE STATE OF ALABAMA MAY NOT BE USED IN CONJUNCTION WITH LOW ALKALI CEMENT (60,000 EQUIVALENT ALKALI) OR CLASS F FLY ASH (SUBSTITUTED FOR PORTLAND CEMENT AT A RATE OF 5-20% BY MASS, MAXIMUM AGGREGATE SIZE IS 3/4").

- A. AIR ENTRAINING. ASTM C 260.
- B. SET-RETARDING ADJUSTMENTS. ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE B OR G. USE AS NEEDED, WITH PRIOR APPROVAL ONLY.
- C. ACCELERATING ADJUSTMENTS. ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE C OR E. USE AS NEEDED, WITH PRIOR APPROVAL ONLY.
- D. CALCIUM CHLORIDE. NOT PERMITTED
- E. HIGH-RANGE, WATER-REDUCING ADMIXTURE (SUPERPLASTICIZER). ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE F OR G.
- F. WATER-REDUCING ADMIXTURE (NORMAL). ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE A.
- G. MID-RANGE, WATER REDUCER. ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE A OR F.

- A. MINIMUM COMPRESSIVE STRENGTH: 4000 PSI
- B. AIR CONTENT: 0-7% AT POINT OF PLACEMENT
- C. SLUMP LIMIT: 3 TO 5 INCHES WHEN NORMAL OR MID-RANGE WATER REDUCERS ARE UTILIZED
- D. SLUMP LIMIT: UP TO 6 INCHES WHEN HIGH-RANGE WATER REDUCERS ARE UTILIZED

- A. MINIMUM COMPRESSIVE STRENGTH: 4000 PSI
- B. AIR CONTENT: 5.5% ±1.5% AT POINT OF PLACEMENT
- C. SLUMP LIMIT: 3 TO 5 INCHES WHEN NORMAL OR MID-RANGE WATER REDUCERS ARE UTILIZED
- D. SLUMP LIMIT: UP TO 6 INCHES WHEN HIGH-RANGE WATER REDUCERS ARE UTILIZED

- A. MINIMUM COMPRESSIVE STRENGTH: 4000 PSI
- B. AIR CONTENT: LESS THAN 3% AT POINT OF PLACEMENT
- C. SLUMP LIMIT: 3 TO 5 INCHES WHEN NORMAL OR MID-RANGE WATER REDUCERS ARE UTILIZED
- D. SLUMP LIMIT: UP TO 6 INCHES WHEN HIGH-RANGE WATER REDUCERS ARE UTILIZED
- E. CONCRETE SLAB TO RECEIVE SMOOTH LEVEL TROWEL FINISH ACCEPTABLE TO RECEIVE CERAMIC TILE

- A. PRIOR TO CONCRETE PLACEMENT, SUBMIT A COPY OF THE PROPOSED MIX DESIGN FOR REVIEW AND APPROVAL.
- B. SUBGRADE AND/OR SUBBASE SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT DOCUMENTS PRIOR TO CONCRETE PLACEMENT.
- C. DO NOT PLACE CONCRETE ON FROZEN SUBGRADE OR SUBBASE.

DO NOT ADD WATER TO THE CONCRETE MIX DURING DELIVERY, AT PROJECT SITE, OR DURING PLACEMENT. ALWAYS APPROVED BY OWNER'S REPRESENTATIVE AND ONLY WHEN MIX WATER IS DOCUMENTED ON A CONCRETE GENERATED BATCH TICKET AS BEING USED IN THE BATCH PLANT. DO NOT EXCEED THE TOTAL AMOUNT OF WATER IN THE APPROVED MIX DESIGN.

DEPOSIT AND CONSOLIDATE CONCRETE IN CONTINUOUS OPERATION WITHIN LIMITS OF CONSTRUCTION JOINTS UNTIL PLACING OF POOL OR SECTION IS COMPLETE.

IF AN EXCESS VIBRATORY SCREEN IS SHOULD BE MOVED RAPIDLY, ENDURING CONSOLIDATION BUT AVOIDING HOOKING UP EXCESSIVE MOTION AND MOISTURE TO THE CONCRETE SURFACE.

BEFORE BUILT WATER STARTS TO APPEAR, LEVEL AND SMOOTH THE CONCRETE SURFACE. THEREAFTER USE A BUILT FLAT OR DARTER TO LEVEL THE BUILT FLAT. IT IS POSSIBLE TO ADD IMPROVING SEALING OF THE SURFACE. CARE SHOULD BE TAKEN TO NOT OVER FLAT THE SURFACE.

E. PUMPING CONCRETE IS ALLOWED.

G. CONSOLIDATING CONCRETE BY VIBRATOR IS ALLOWED. CONCRETE SHALL NOT BE MOVED, SPREAD OR FLATTENED BY

- FINISHING SHOULD BE DELAYED AS LONG AS POSSIBLE.
- AT NO TIME DURING THE FINISHING PROCESS SHOULD WATER OR CEMENT BE ADDED TO THE CONCRETE SURFACE.

- A. SAW CUT CONTRACTION JOINTS AS SOON AS POSSIBLE AFTER FINISHING, GENERALLY WITHIN 4 TO 16 HOURS. MAKE SAMPLE CUT TO DETERMINE IF CONCRETE SURFACE IS FIRM ENOUGH SO IT IS NOT TORN OR DAMAGED BY BLADE.
- B. DEPTH OF CUT SHOULD BE ONE-FOURTH OF THE SLAB THICKNESS, WITH A MINIMUM DEPTH OF 1-INCH.

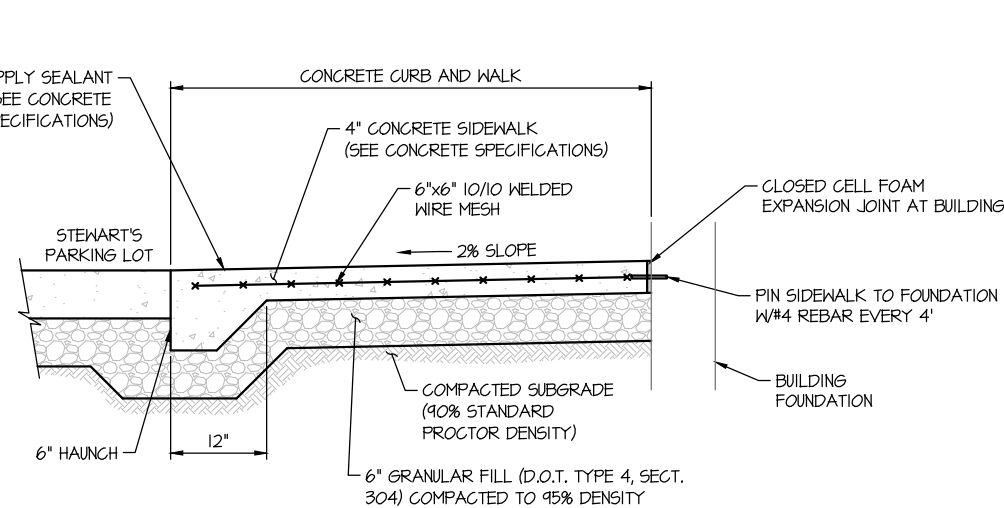
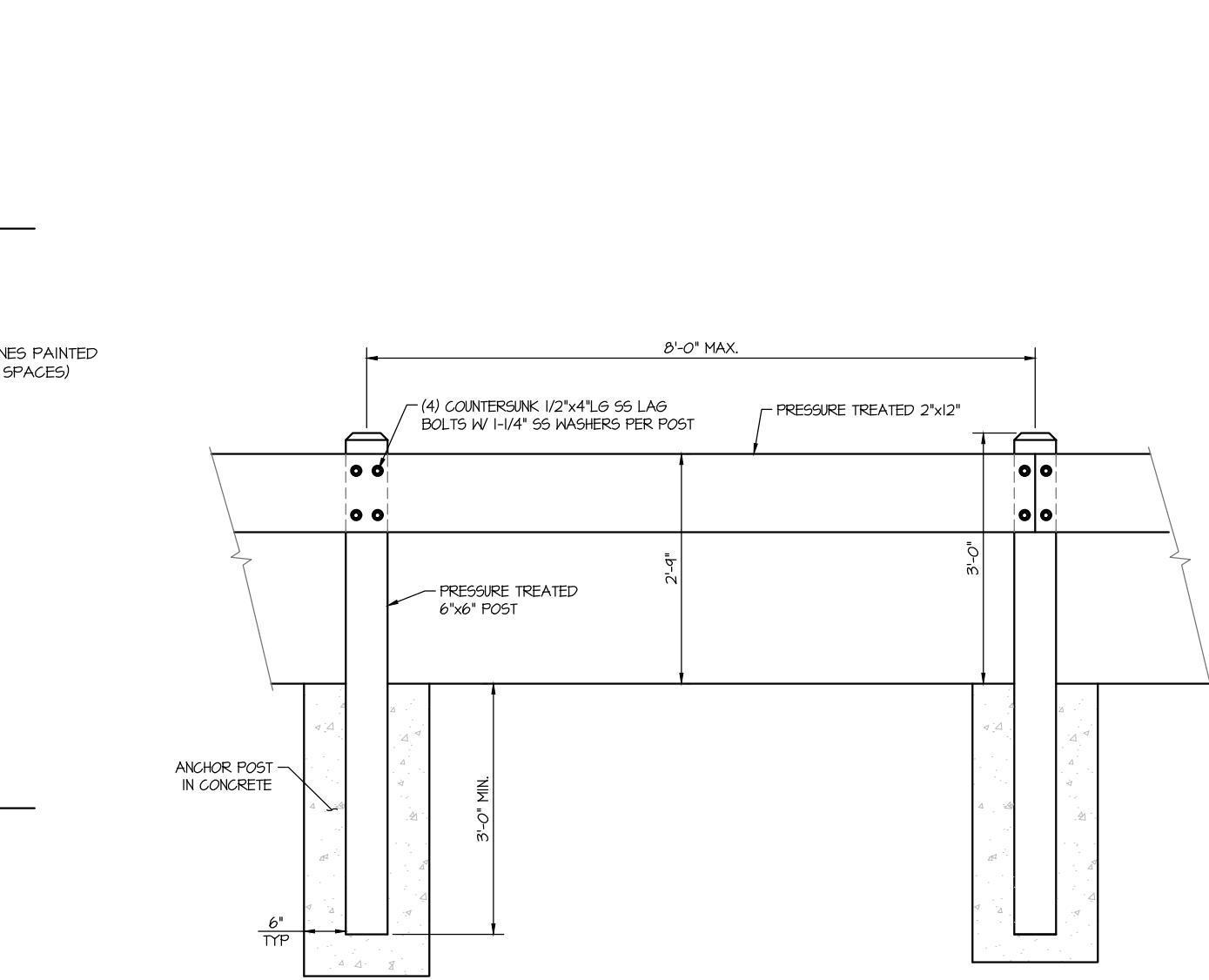
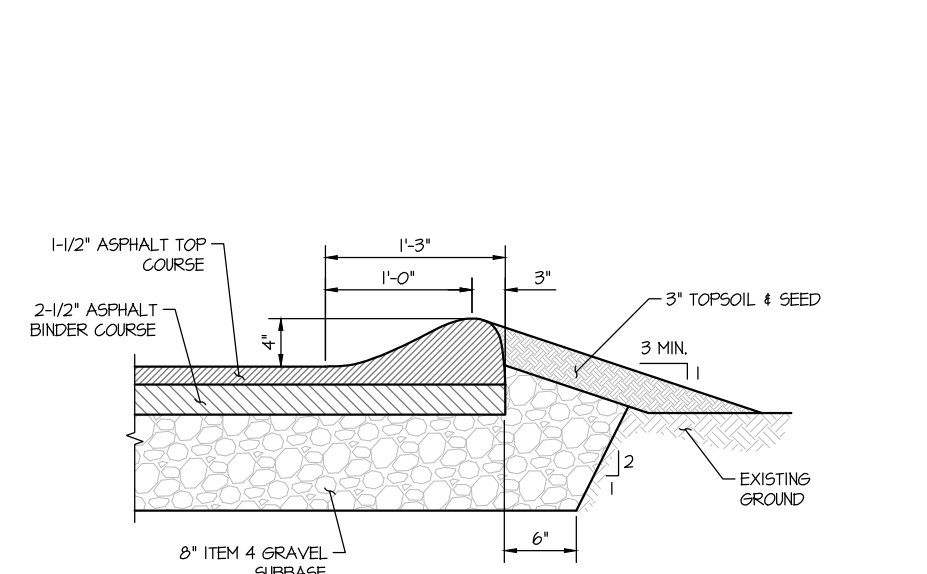
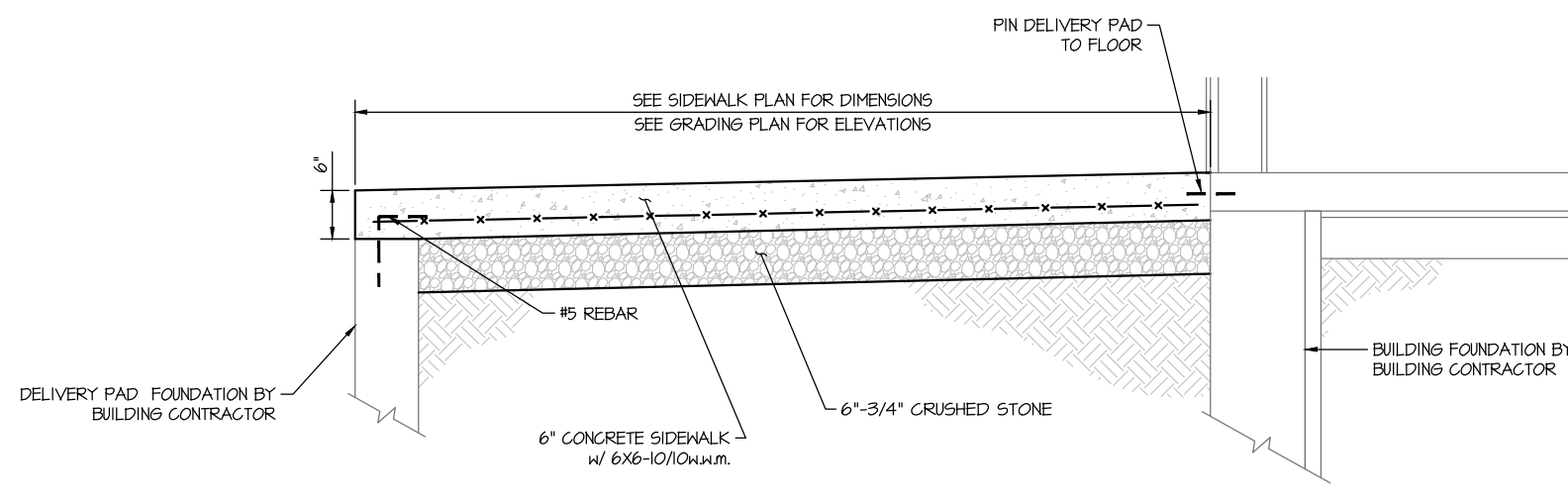
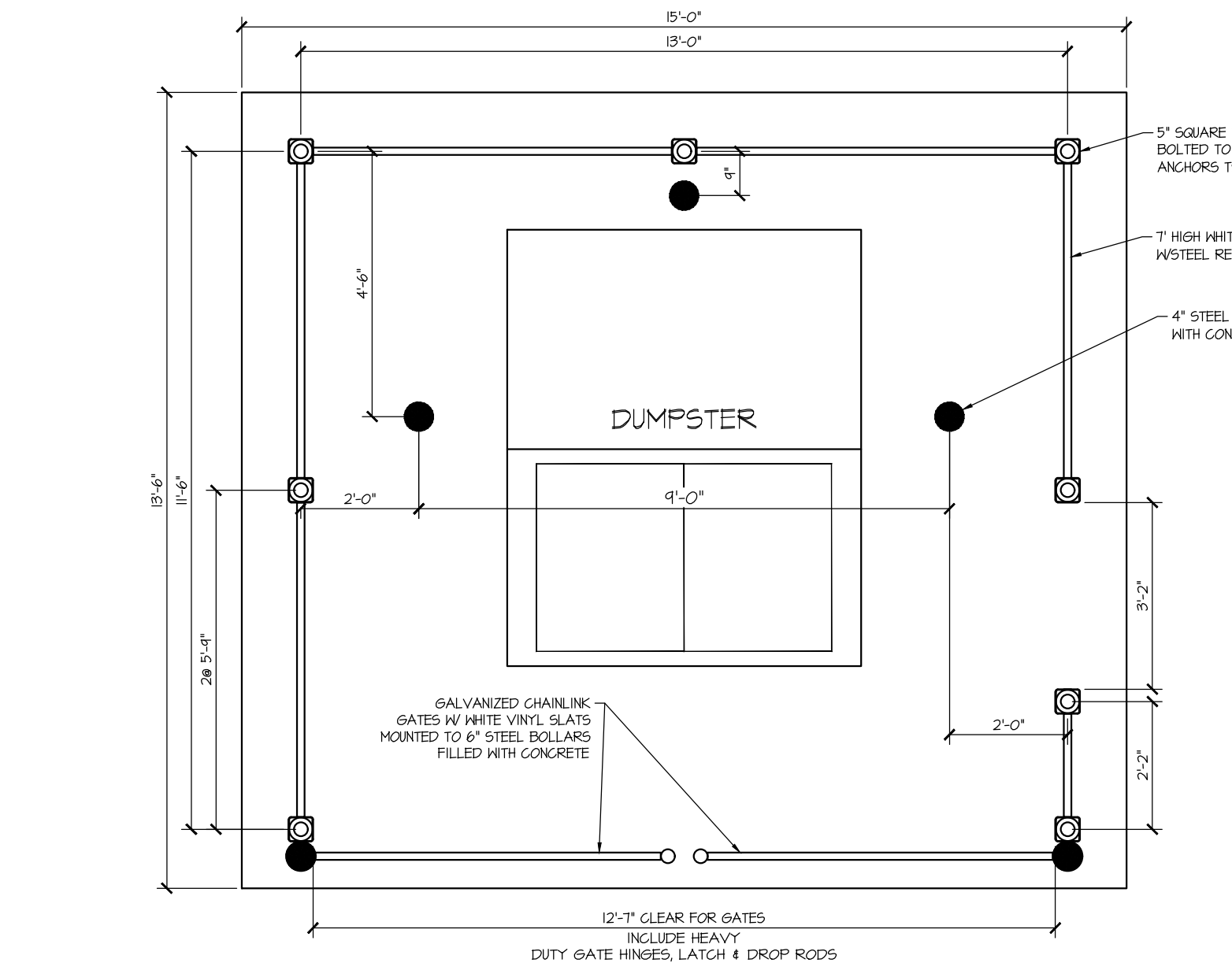
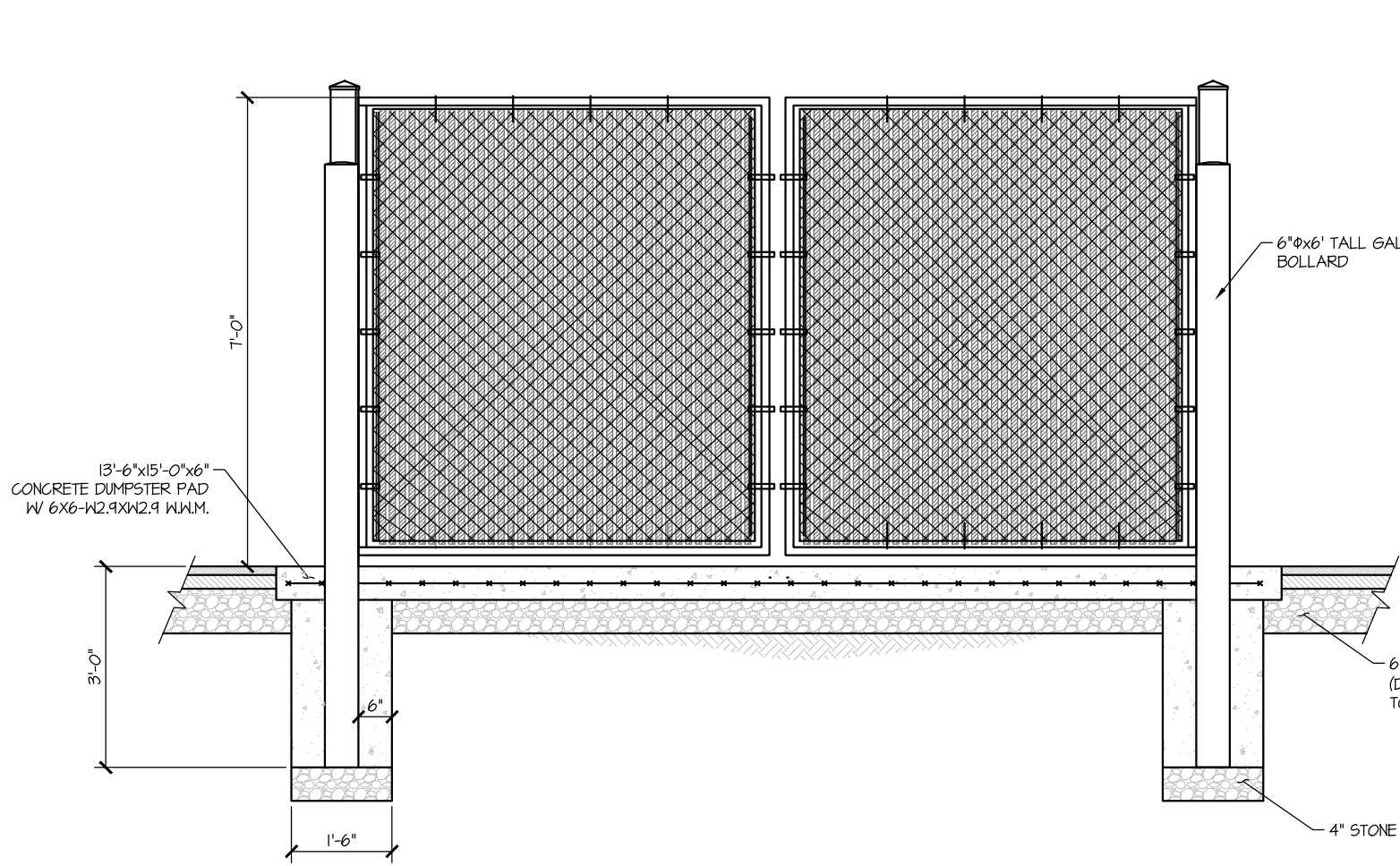
- A. ALL HONEYCOMBS ARE TO BE REPAIRED IMMEDIATELY WITH A FAST-SET CEMENTITIOUS MATERIAL WITH A COMPRESSIVE STRENGTH OF 10,000 PSI.
- B. THE CONTRACTOR SHALL INSTALL AND VERIFY THE LOCATIONS OF ALL ANCHORS, DRAINS, SLEEVES, SLOTTES, OPENINGS, ETC. BEFORE PLACING CONCRETE.
- C. ALL REBAR AND ANY METAL REINFORCEMENT MUST BE WITHIN 10" OF DRAWING AND HAVE A MINIMUM OF 2" OF CONCRETE COVER. DOES NOT APPLY TO ANCHORS WHICH HAVE A 250% TOLERANCE.
- D. ANY EXPOSED REBAR AFTER CURING SHALL BE BROUGHT TO STEWART'S ATTENTION AND REPAIR PLAN WILL BE GENERATED BY STEWART'S.
- E. ALL FORMS MUST BE COATED WITH BOND BREAKER BEFORE PUTTING IN PLACE.
- F. ALL FORMS AND/OR PROST LINE MUST HAVE A SMOOTH SURFACE, EDGE AND ROUGH-OUT LINERS ARE NOT ALLOWED.
- G. ALL REBAR MUST BE FREE OF RUST AND BOND BREAKERS.
- H. ALL FORMS MUST BE TIED AND SUPPORTED TO PREVENT DISAPPEARING DURING POURING. NO REBAR IS TO BE NET SET.
- I. WIREMESH PULLEY SHOULD BE USED IF 10.50 FT. TO DISAPPEAR PROPERLY PLACED.

A. THE OWNER WILL ENGAGE A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS TO MEET THE FOLLOWING REQUIREMENTS:

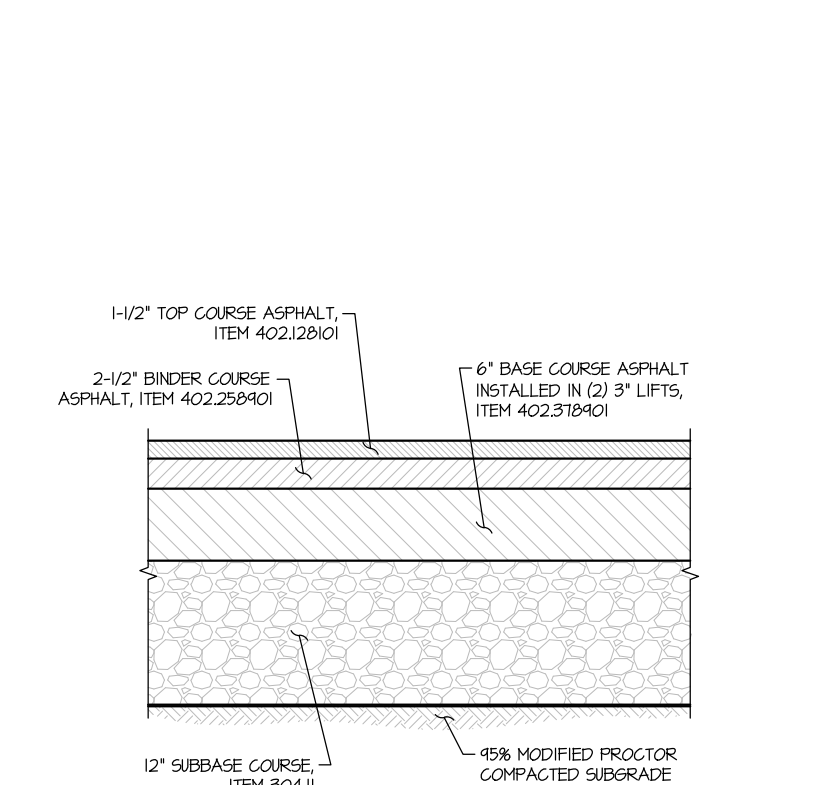
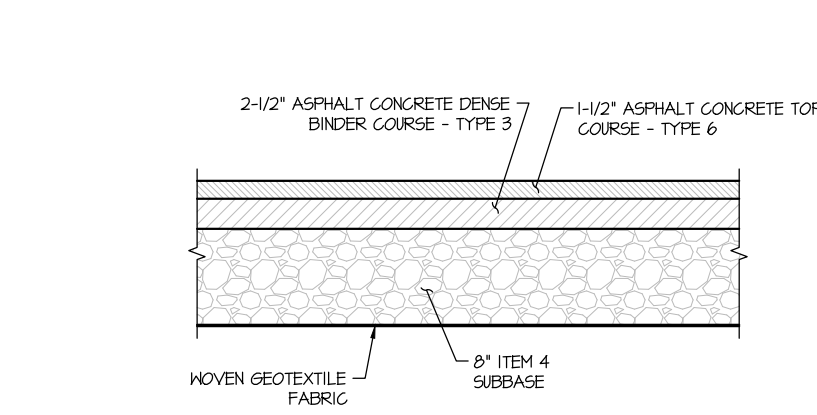
B. GENERAL TESTS. TESTING OF CONCRETE SAMPLES OF FRESH CONCRETE SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:

- 1. TESTING FREQUENCY. OBTAIN ONE CONCRETE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MEMBER EXCEEDING 1000 SQ. FT. OR LESS THAN 20,000 TO RUN ONE TEST FOR EACH ADDITION, 50 TO 100 OR CRACK REPAIR.
- 2. SLUMP. ASLTM AS REQUIRED, OBTAIN TEST AT POINT OF TRUCK DISCHARGE FOR EACH CONCRETE POUR TO THE SITE AND FOR EACH ADDITION. THE TEST SHALL BE PERFORMED AT THE POINT OF PLACEMENT AS WELL AS TRUCK GATE WHEN BINS FILLED. CONCRETE SHALL EXCEED THE SPECIFIED SLUMP.
- 3. AIR CONTENT. ASLTM C 230, 238 (PNEUMATIC METHOD FOR NORMAL WEIGHT CONCRETE). ONE TEST FOR EACH CONCRETE POUR, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MEMBER. TEST AT TRUCK, LABORATORY OR ACCEPTABLE FIELD LOCATION.
- 4. COMPRESSIVE STRENGTH. ASLTM C 349, 348. ONE TEST ONE SET OF LABORATORY-CURED SPECIMENS AT 1 DAYS AND ONE SET OF LABORATORY-CURED SPECIMENS AT 28 DAYS. RESERVE ONE SET OF SPECIMENS FOR COMPLIANCE TESTING IF REQUIRED.

C. TESTING AND INSPECTION. TESTING CONTRACTORS EMPLOYED WILL BE PERFORMED TO DETERMINE COMPLIANCE OF REPLACED OR ADDITIONAL WORK WITH SPECIFICATIONS.

[illegible]

- ASPHALT CURB APPLICATIONS:**
1. AIDS IN DRAINAGE, REDUCES EROSION
 2. ELIMINATES TIRE DAMAGE / NO SHARP EDGES
 3. AIDS IN COMPLETE SNOW REMOVAL REDUCES DAMAGE TO EQUIPMENT



STANDARD DUTY DRIVEWAY PAVEMENT SECTION BETWEEN ROADWAY AND R.O.W. BOUNDARY

