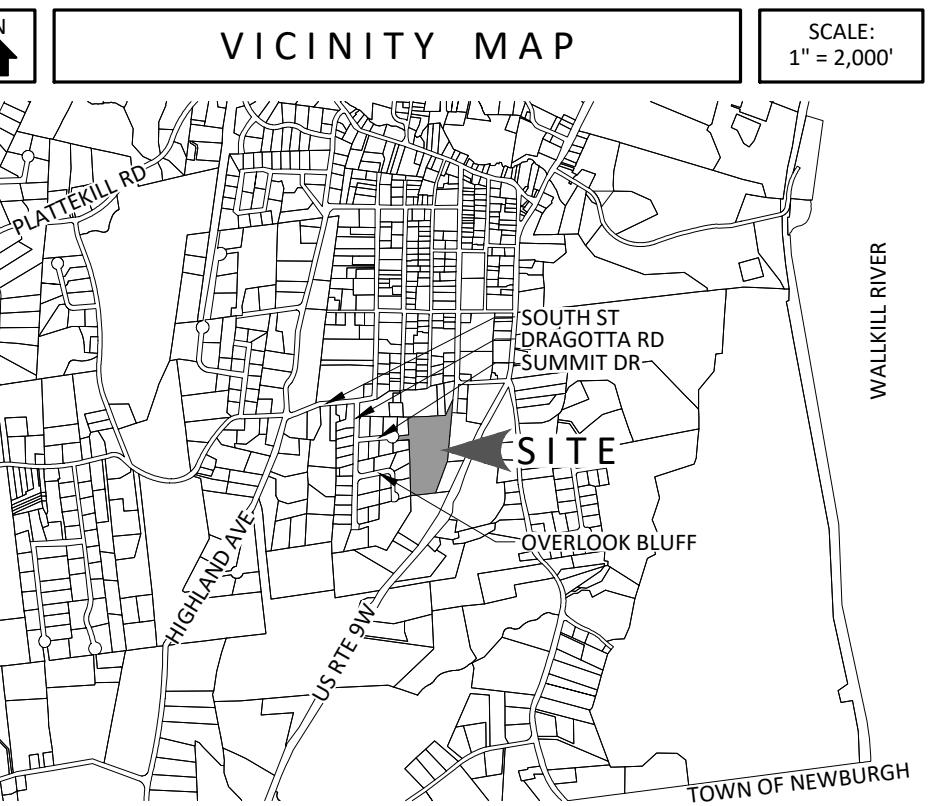


INDEX TO DRAWINGS	
DRAWING NUMBER	TITLE
SP-1	SITE PLAN
SP-2	EXISTING CONDITIONS & DEMOLITION PLAN
SP-3	LIGHTING PLAN
SP-4	GRADING & UTILITY PLAN
SP-5	EROSION & SEDIMENT CONTROL PLAN
SD-1	SITE DETAILS
SD-2	SITE DETAILS
SD-3	SITE DETAILS
SD-4	EROSION & SEDIMENT CONTROL DETAILS



PARKING NOTES	
PER §155-27 REQUIRED PARKING:	
MULTIPLE DWELLINGS (RESIDENTIAL) = 1.5 SPACES FOR EACH DWELLING UNIT (ROUNDED UP TO A WHOLE NUMBER)	
4 BUILDINGS WITH 6 UNITS PER BUILDING = 24 TOTAL UNITS	
24 UNITS x 1.5 SPACES PER UNIT = 36 SPACES REQUIRED	
36 PARKING SPACES PROVIDED	
HANDICAP PARKING:	
1 SPACE PER 25 SPACES = 2 SPACES REQUIRED	
2 HANDICAP PARKING SPACES PROVIDED	

PROPERTY INFORMATION	
SECTION-BLOCK-LOT:	108-4-6-29-311
PARCEL AREA:	7.32 ACRES
ZONING DISTRICT:	R- RESIDENTIAL DISTRICT
OWNER:	SUMMIT DRIVE PROPERTIES LLC 3121 ROUTE 9W NEW WINDSOR, NEW YORK

ZONING INFORMATION		
ZONE:	R- RESIDENTIAL DISTRICT	
CURRENT USE:	VACANT	
PROPOSED USE:	MULTIPLE DWELLINGS (RESIDENTIAL)	
ITEM	REQUIRED	PROVIDED
MINIMUM LOT AREA <sup>1</sup>	3 ACRES	7.32 ACRES
MAXIMUM DENSITY <sup>2</sup>	6 DU PER ACRE	3.3 DU PER ACRE
MINIMUM FRONT YARD <sup>3</sup>	40'	62'
MINIMUM REAR YARD <sup>4</sup>	30'	219'
MINIMUM SIDE YARD <sup>5</sup>	30'	143'
MINIMUM LOT WIDTH <sup>6</sup>	200'	813'
MAXIMUM LOT DEPTH	100'	397'
MAXIMUM BUILDING COVERAGE	30%	2.3%
MAXIMUM LOT COVERAGE	15%	9.2%
MAXIMUM BUILDING STORIES	2 1/2	≤2 1/2
MAXIMUM BUILDING HEIGHT	35'	27'
DWELLING UNITS PER ACRE	6 DU/AC MAX	<4 DU/AC

<sup>1</sup>PER SPECIAL USE NOTES AS INDICATED BELOW  
<sup>2</sup>LOT IS CURRENTLY WITHIN MARLBOROUGH WATER DISTRICT AND WILL PETITION TO BE ALLOWED IN MARLBOROUGH SEWER DISTRICT #1

SPECIAL USE NOTES	
PER §155-30 MULTIPLE DWELLINGS IN THE 'R' DISTRICT <sup>1</sup>	
1. MINIMUM LOT AREA SHALL BE THREE ACRES, WITH A MINIMUM LOT WIDTH OF 200 FEET	
2. MAXIMUM DENSITY SHALL BE 15%	
3. LOT SHALL BE SERVED BY UTILIZE PUBLIC WATER AND SEWER	
4. SETBACKS FOR FRONT YARD SHALL BE 40 FEET, EACH SIDE YARD 30 FEET AND REAR YARD 30 FEET	
5. MAXIMUM DENSITY SHALL BE SIX DWELLING UNITS PER ACRE	

LEGEND	
EXISTING PROPERTY LINE	ADJACENT PROPERTY LINE
110'	BUILDING SETBACK
10'	EXISTING 10' CONTOUR (LIDAR)
2'	EXISTING 2' CONTOUR (LIDAR)
SM	EXISTING EDGE OF PAVEMENT
SM	EXISTING TREE LINE
SM	EXISTING SANITARY SEWER MANHOLE
SM	EXISTING SEWER MAIN
SM	EXISTING STONE WALL
SM	PROPOSED BUILDING
SM	PROPOSED ASPHALT PAVEMENT
SM	PROPOSED CONCRETE WALK
SM	PROPOSED SNOW STORAGE AREA
SM	PROPOSED SPLIT RAIL FENCE
SM	PROPOSED CHAIN LINK FENCE
SM	PROPOSED HYDRANT
SM	PROPOSED WATER VALVE
SM	PROPOSED SANITARY SEWER MANHOLE
SM	PROPOSED CATCH BASIN
SM	PROPOSED END SECTION WITH RIP-RAP OUTLET PROTECTION
SM	PROPOSED OVERFLOW WEIR
SM	PROPOSED DOWNSPOUT
SM	PROPOSED LANDSCAPING AREA
SM	PROPOSED LEVEL SPREADER

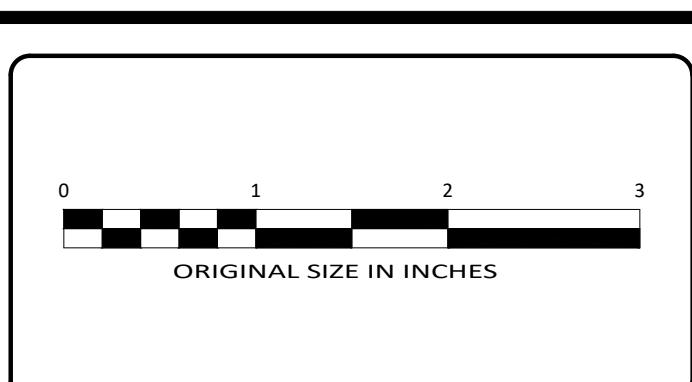
SURVEY NOTES	
1. PROPERTY LINES, STRUCTURE LOCATIONS AND OTHER SITE FEATURES ADDED FROM 'SURVEY AND LOT LINE' DRAWING FOR THE A DEVELOPMENT CORP. DATED JULY 19, 2020 AND PREPARED BY GARY R. RICH, LS.	
2. TOPOGRAPHY SHOWN IS LIDAR DERIVED, 2 FOOT INTERVAL CONTOURS AVAILABLE FROM ULSTER COUNTY. CONTOURS WERE PRODUCED FROM 2014 LIDAR DATASET AND 2015 TOPOGRAPHIC 1m DEM.	

PLANTING NOTES					
1. ALL PLANTS TO CONFORM TO THE CURRENT EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARDS.					
2. ALL EXISTING SOILS UTILIZED IN THE PROPOSED PLANTINGS SHALL BE AMENDED WITH COMPOST. ALL ROCKS GREATER THAN AN INCH IN DIAMETER, FOUND WITHIN THE PLANTING AREAS SHALL BE REMOVED.					
3. GRASS AND LAWN AREAS SHALL BE SEEDED WITH A SEED MIXTURE APPROPRIATE FOR SUN CONSIDERATIONS. SEEDING SHALL BE 1/2 LB. PER 1,000 SQ. FT. OTHER SOIL AREAS SHALL BE RAKED SMOOTH AND ANY ROCKS REMOVED FROM THE PROPOSED AREAS TO BE SEDED. SEEDING SHALL NOT OCCUR DURING SUMMER MONTHS. REFER TO SEED MANUFACTURERS RECOMMENDATIONS. ONE YEAR GUARANTEE ON SEDED AREAS REQUIRED.					
4. ALL PLANTS SHALL HAVE A ONE YEAR GUARANTEE FROM THE DATE OF ACCEPTANCE OF THE PLANTING BY THE PROPERTY OWNER. GUARANTEE IS NON TRANSFERABLE.					
5. ALL DETENTION AREAS SHALL BE SEDED WITH 1/2IN STER. SEED, NATIVE DETENTION AREA SEED MIXTURE ERNMV-183, SEEDING RATE, MULCHING AND INSTALLATION IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, SPRING PLANTING PREFERABLE.					
6. ALL BIOPRETENTION AREAS SHALL BE SEDED WITH 1/2IN STER. CONSERVATION SEEDS, MEADOWLAWN GARDEN MIXTURE ERNMV-180, SEEDING RATE, MULCHING AND INSTALLATION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, SPRING PLANTING PREFERABLE.					
7. ALL PLANTED AREAS, INCLUDING INDIVIDUAL PLANTS AS WELL AS BIO-RETENTION AREAS AND DETENTION AREAS SHALL BE WATERED FOR A PERIOD OF ONE YEAR AFTER INSTALLATION, DURING PERIODS OF DRY WEATHER. DRY WEATHER IS CONSIDERED TO BE LESS THAN ONE INCH OF RAINFALL IN A GIVEN 7 DAY PERIOD.					

PLANTING SCHEDULE					
NUMBER	KEY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT
6	RM	OCTOBER GLORY RED MAPLE	ACER RUBRUM 'OCTOBER GLORY'	2.5" CALIPER	B&B
21	NS	NORWAY SPRUCE	PICEA ABLIS	6-7' HEIGHT	B&B
8	RB	HERITAGE RIVER BIRCH	BETULA NIGRA 'HERITAGE'	8'-10' HEIGHT	B&B
				MULTI-STEMMED PLANT	

REV	DATE	REVISIONS PER PLANNING BOARD
1	02/23/24	

SITE PLAN	
SUMMIT DRIVE PROPERTIES LLC	
SUMMIT DRIVE	
TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK	
DRAWN BY	CHECKED BY
MLT	
DATE	SCALE
09/22/23	1"=30'
PROJECT NO.	
23006	
SHEET NO.	
SP-1	

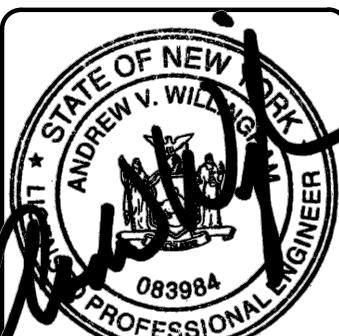


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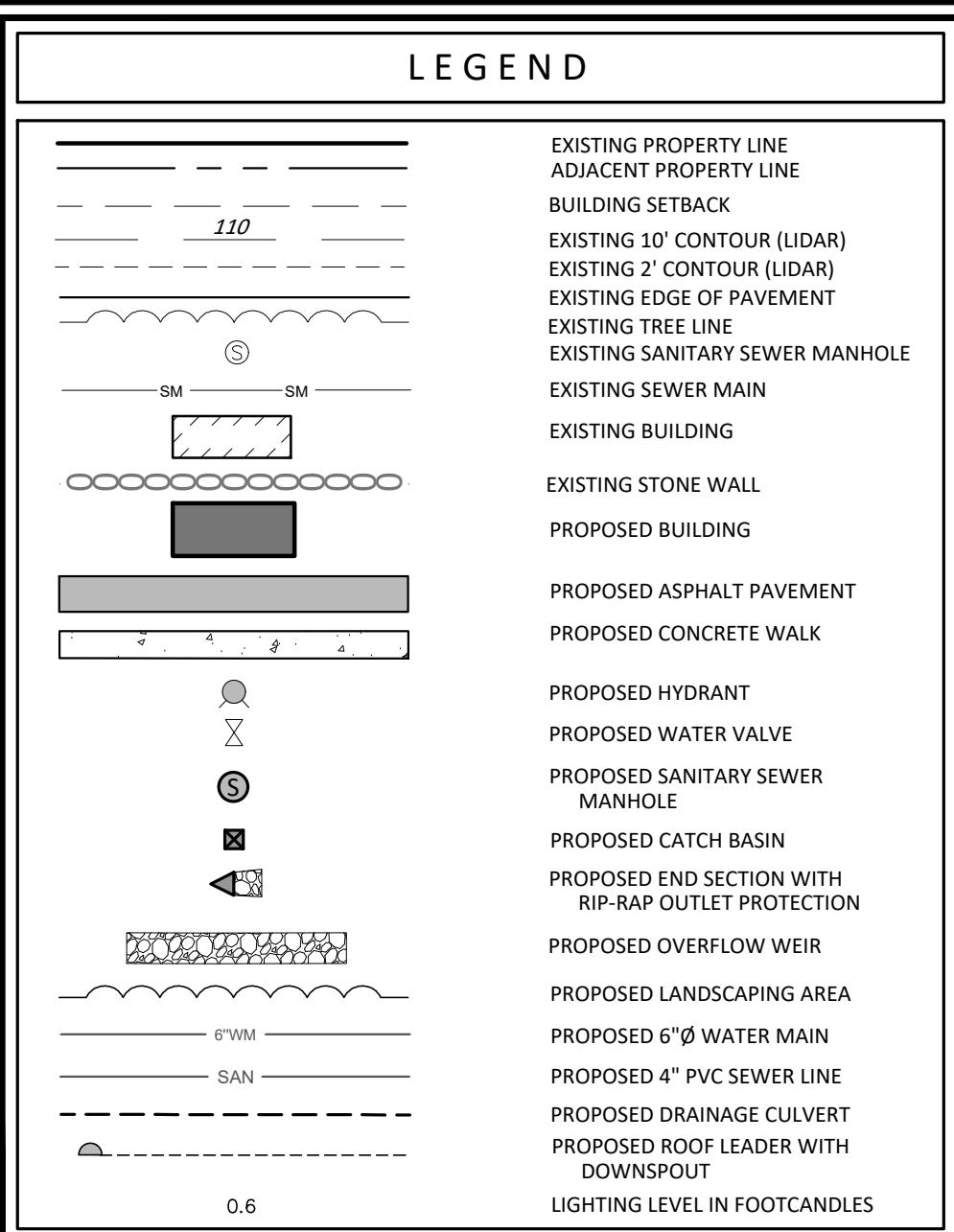
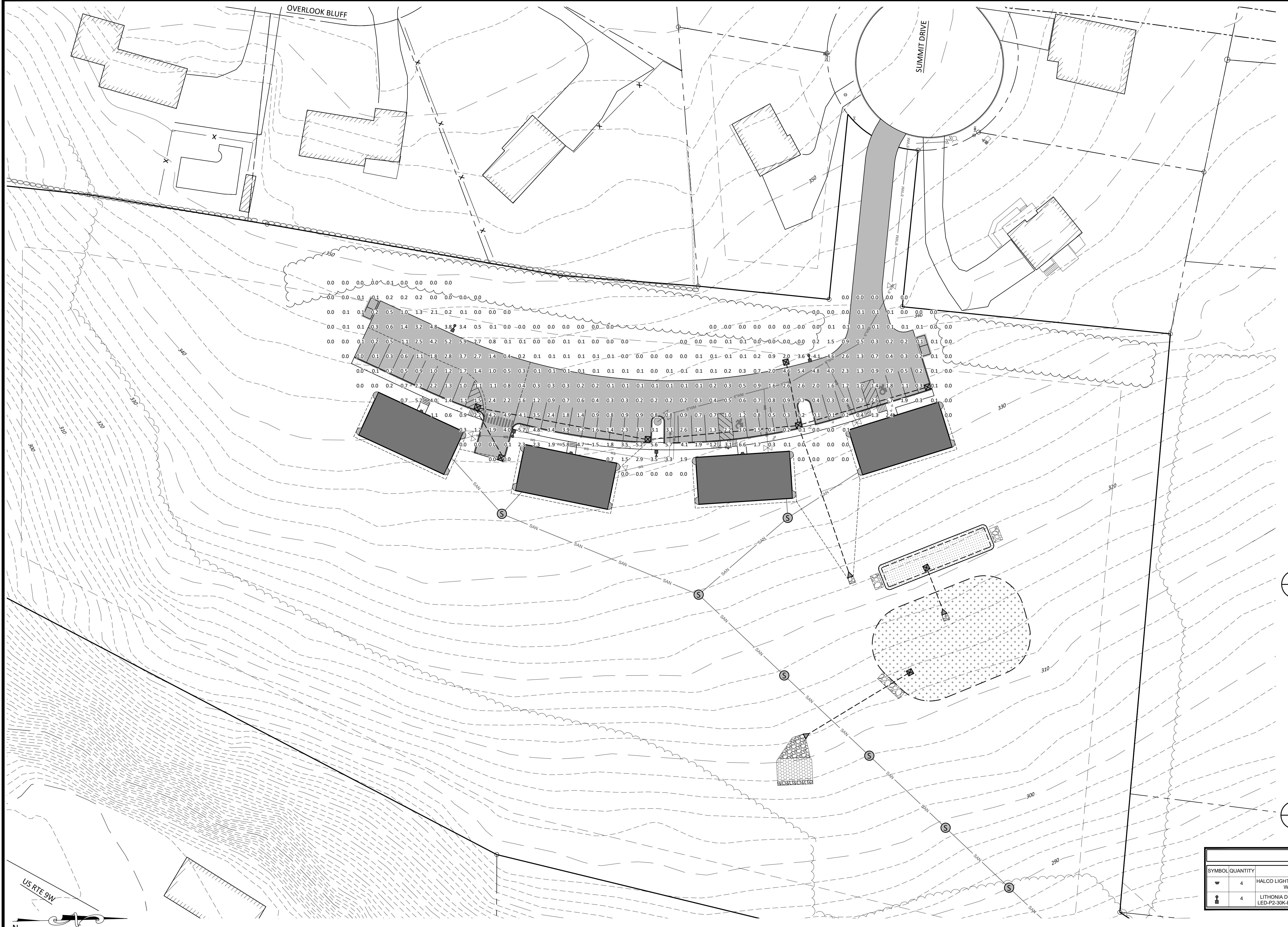
## EXISTING CONDITIONS PLAN

SUMMIT DRIVE PROPERTIES LLC

## SUMMIT DRIVE

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

DRAWN BY	CHECKED BY
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09/22/23	1"=40'
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SHEET NO.	
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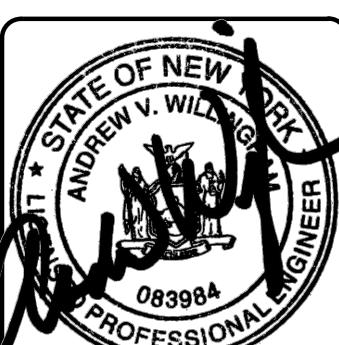
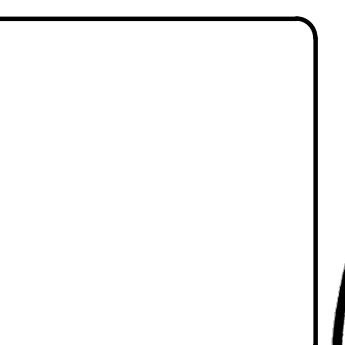


1 SP-3 POLE DETAIL - LITHONIA D SERIES DSX1  
SCALE: NTS



2 SP-3 WALL PACK IMAGE - HALCO ProLED WPS WALLPACK  
SCALE: NTS

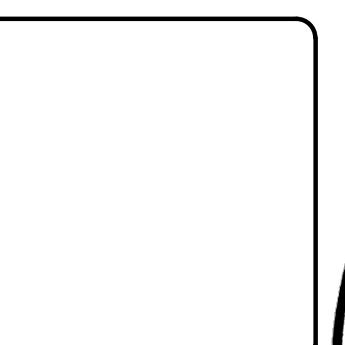
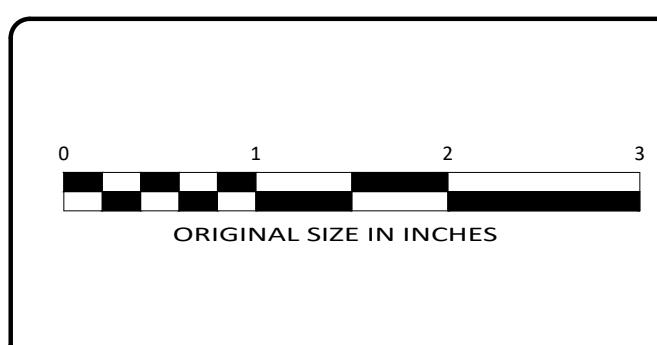
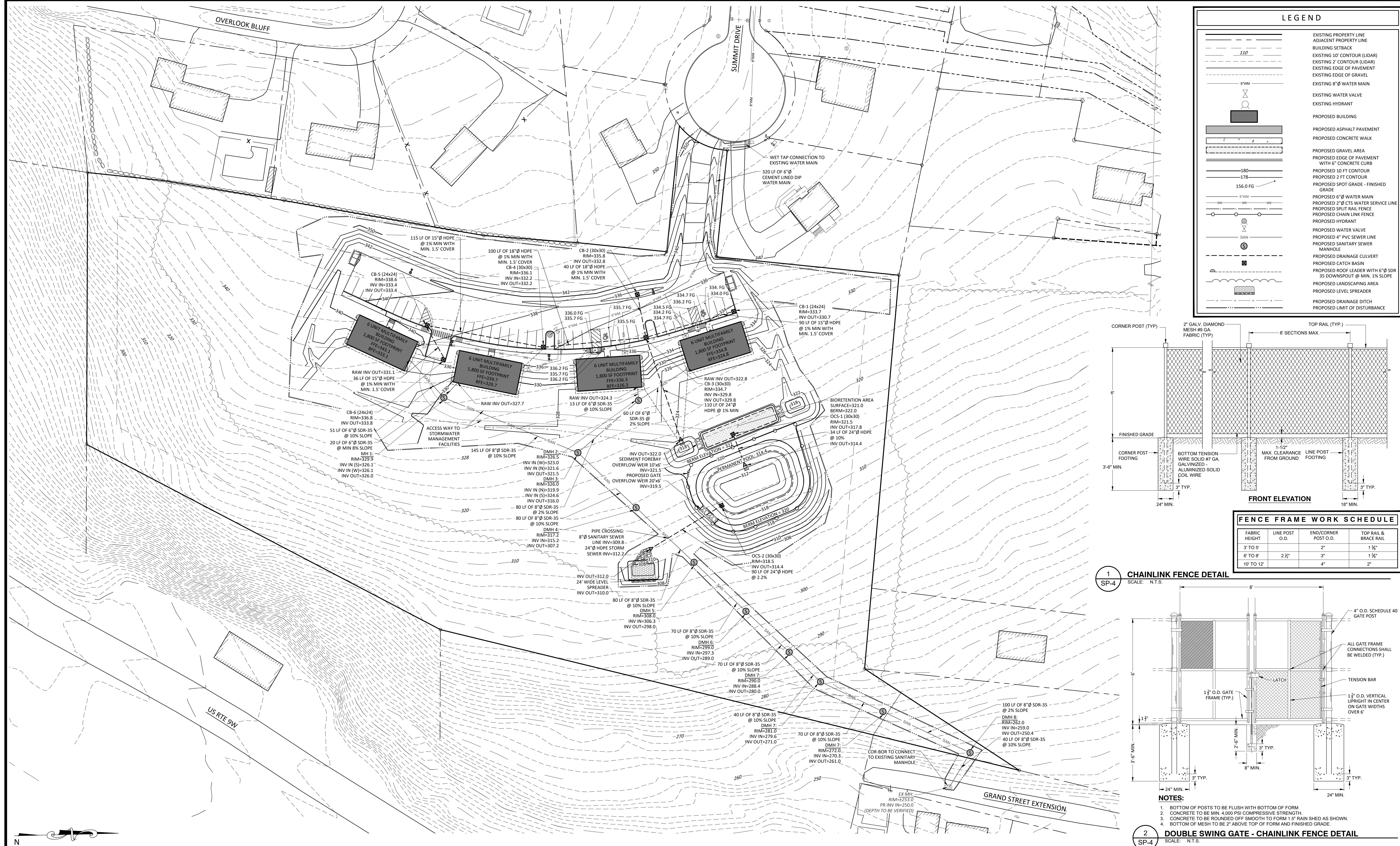
LUMINAIRE SCHEDULE						
SYMBOL	QUANTITY	LAMP	COLOR	COLOR TEMP	LUMENS	MOUNTING HEIGHT
▼	4	HALCO LIGHTING TECHNOLOGIES - WPS-28-4K-U	BLACK POWDER COATED ALUMINUM	4,000 K	3,514	WALL 12'
■	4	LITHONIA D-SERIES SIZE 1 DSX1 LED-P2-30K-BLC-RPA-PIR-DBBTXO	BLACK POWDER COATED ALUMINUM	3,000 K	6,770	POLE 15'



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REV	DATE	REVISIONS PER PLANNING BOARD	DESCRIPTION
1	02/23/24		



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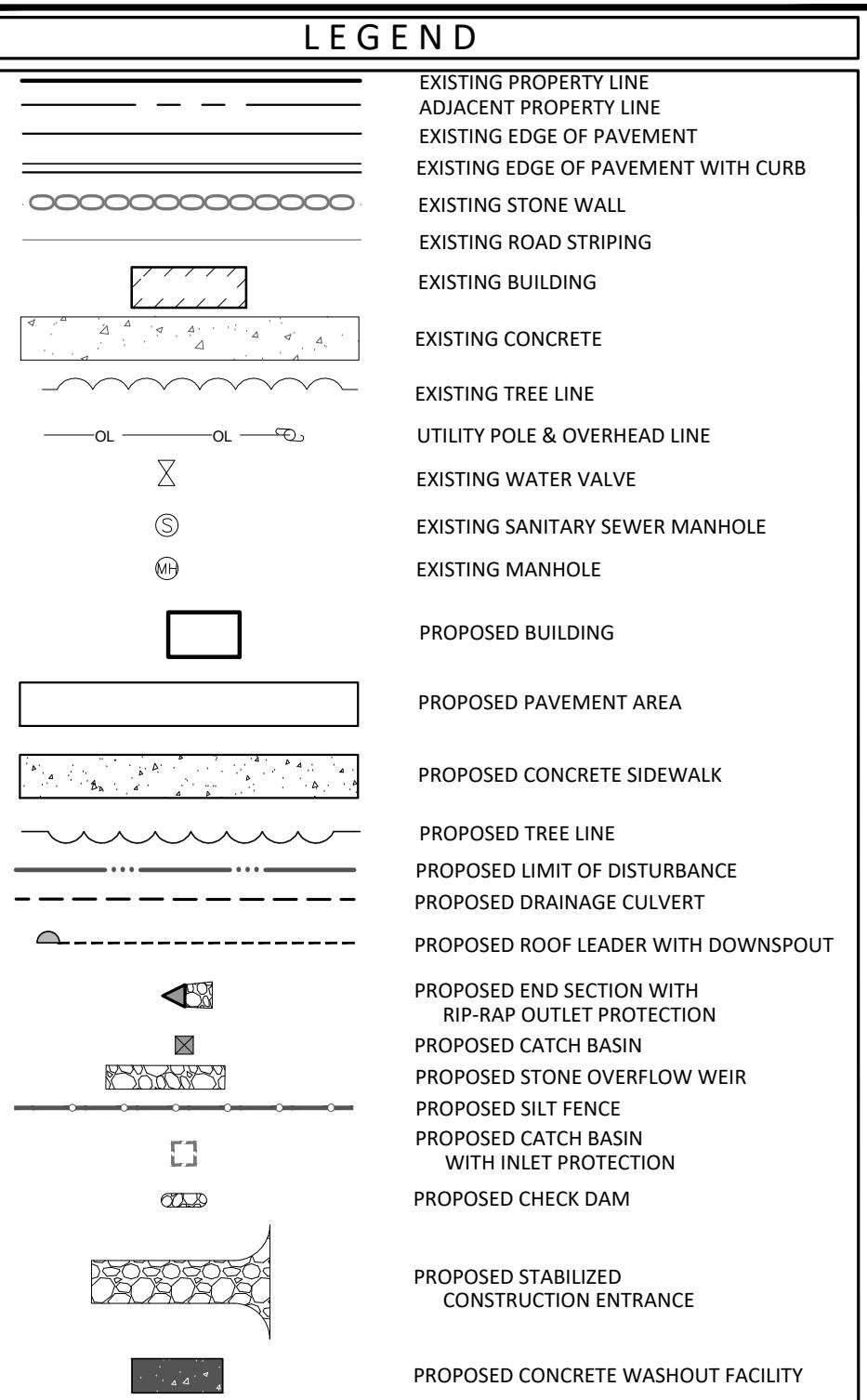
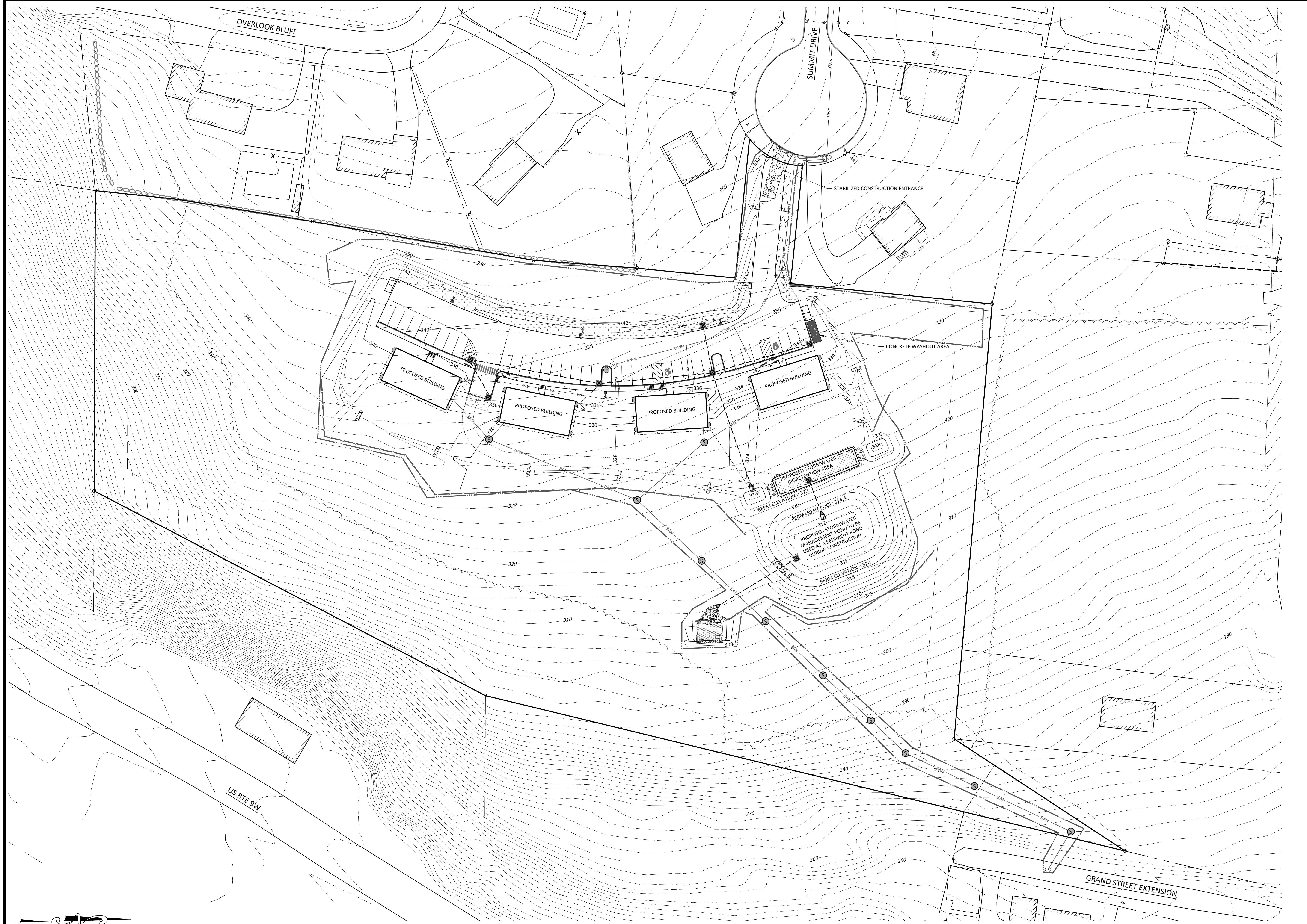
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**GRADING & UTILITY PLAN**  
SUMMIT DRIVE PROPERTIES LLC  
SUMMIT DRIVE  
TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

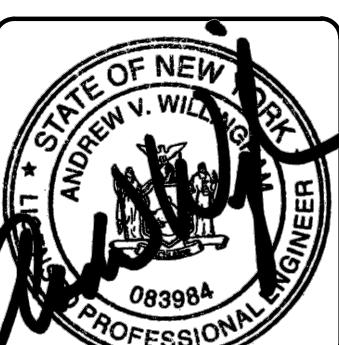
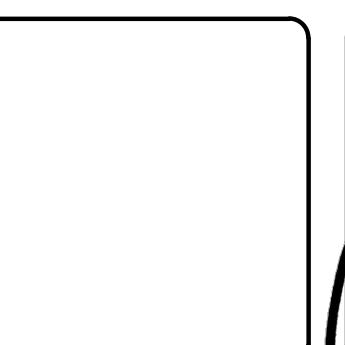
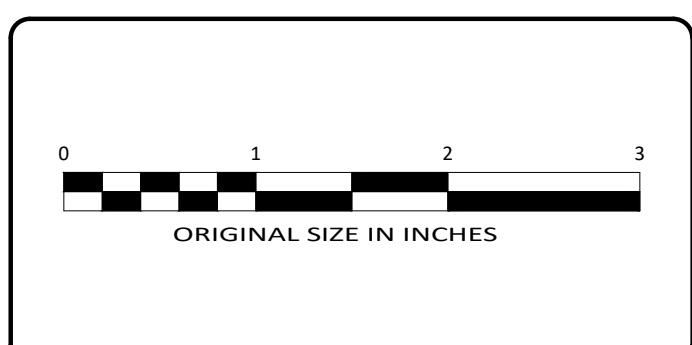
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PROJECT NO.  
23006  
SHEET NO.  
SP-4



**CONSTRUCTION SEQUENCING SCHEDULE**

1. ESTABLISH THE WORK LIMITS AND LOCATIONS OF PROPOSED IMPROVEMENTS, INCLUDING PROPOSED EROSION AND SEDIMENT CONTROL MEASURES.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND ENTRANCE DRIVE AS NECESSARY TO PROVIDE SITE ACCESS. INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES AND ROAD CONSTRUCTION.
3. ROUGH GRAVE STORMWATER PONDS AND BIOPRETENTION AREAS CLEARING AS NECESSARY. POND AREAS SHALL BE USED AS TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION. CONSTRUCT TEMPORARY STONE OUTLET FILTERS.
4. INSTALL ALL OTHER EROSION CONTROL MEASURES TO PROTECT ADJACENT PROPERTIES FROM SEDIMENT RUNOFF DURING CONSTRUCTION. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED AND ALTERED / IMPROVED AS NECESSARY DURING CONSTRUCTION ACTIVITIES.
5. CLEAR / DEMO SITE AS NECESSARY. ROUGH GRADE SITE, INSTALL DRIVEWAY AND PARKING MATERIALS, BUILDING FOUNDATIONS AND ASSOCIATED IMPROVEMENTS.
6. REMOVE AND DISPOSE OF ALL SEDIMENTS COLLECTED IN SEDIMENT BASINS. FINALIZE CONSTRUCTION OF PERMANENT STORMWATER MANAGEMENT FEATURES.
7. APPLY SURFACE STABILIZATION MEASURES. TOPSOIL AS NECESSARY, FERTILIZE, SEED AND MULCH ALL DISTURBED AREAS, INCLUDING GRASSED DITCHES AND EXPOSED SLOPES. NO DISTURBED AREAS SHALL BE LEFT EXPOSED.
8. WHERE WORK IS DELAYED OR COMPLETED SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS.

PROPOSED DISTURBANCE AREA = ±3.18 ACRES



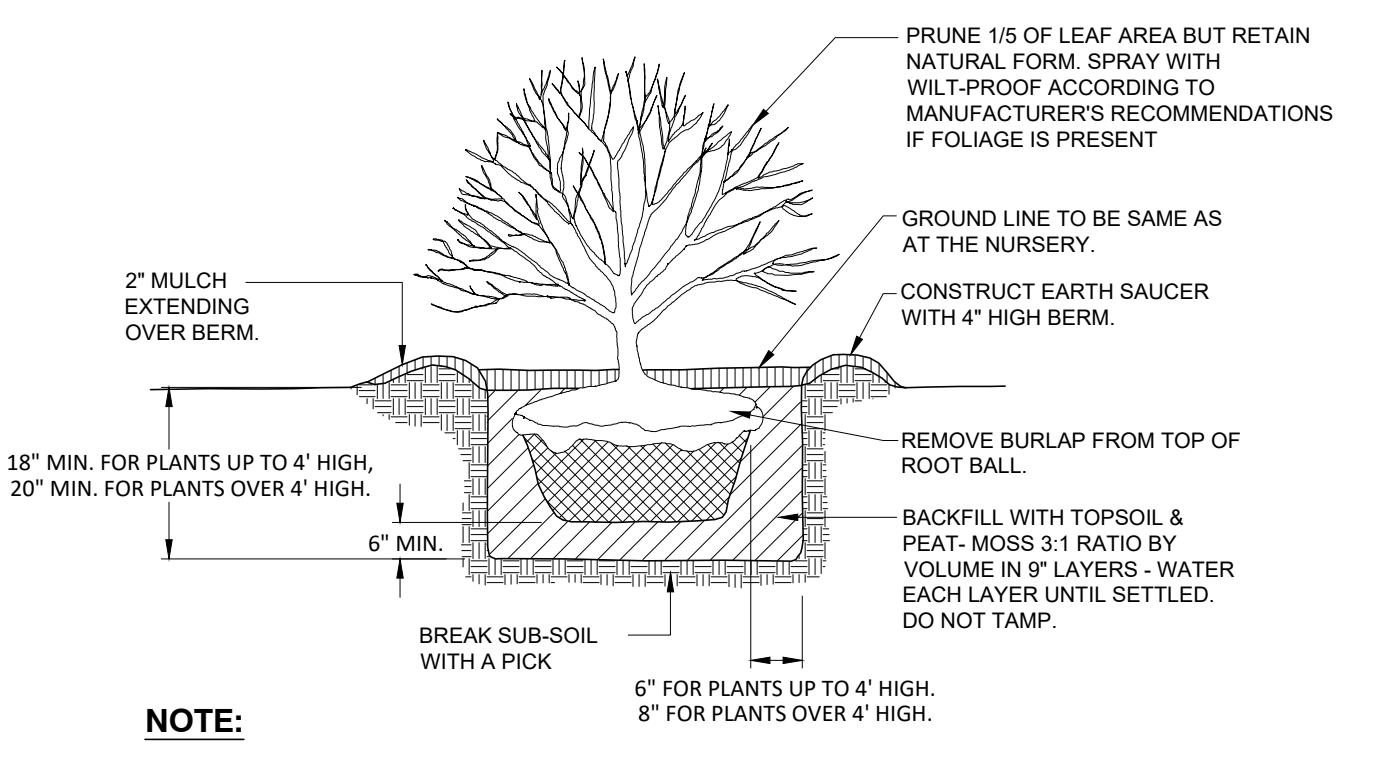
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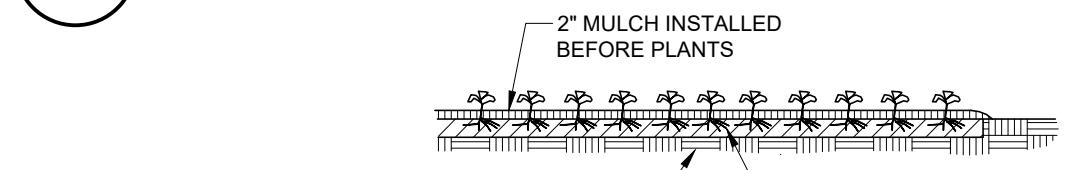
REV	DATE	REVISIONS PER PLANNING BOARD	DESCRIPTION
1	02/23/24		

**EROSION & SEDIMENT CONTROL PLAN**  
**SUMMIT DRIVE PROPERTIES LLC**  
**SUMMIT DRIVE**  
**TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK**

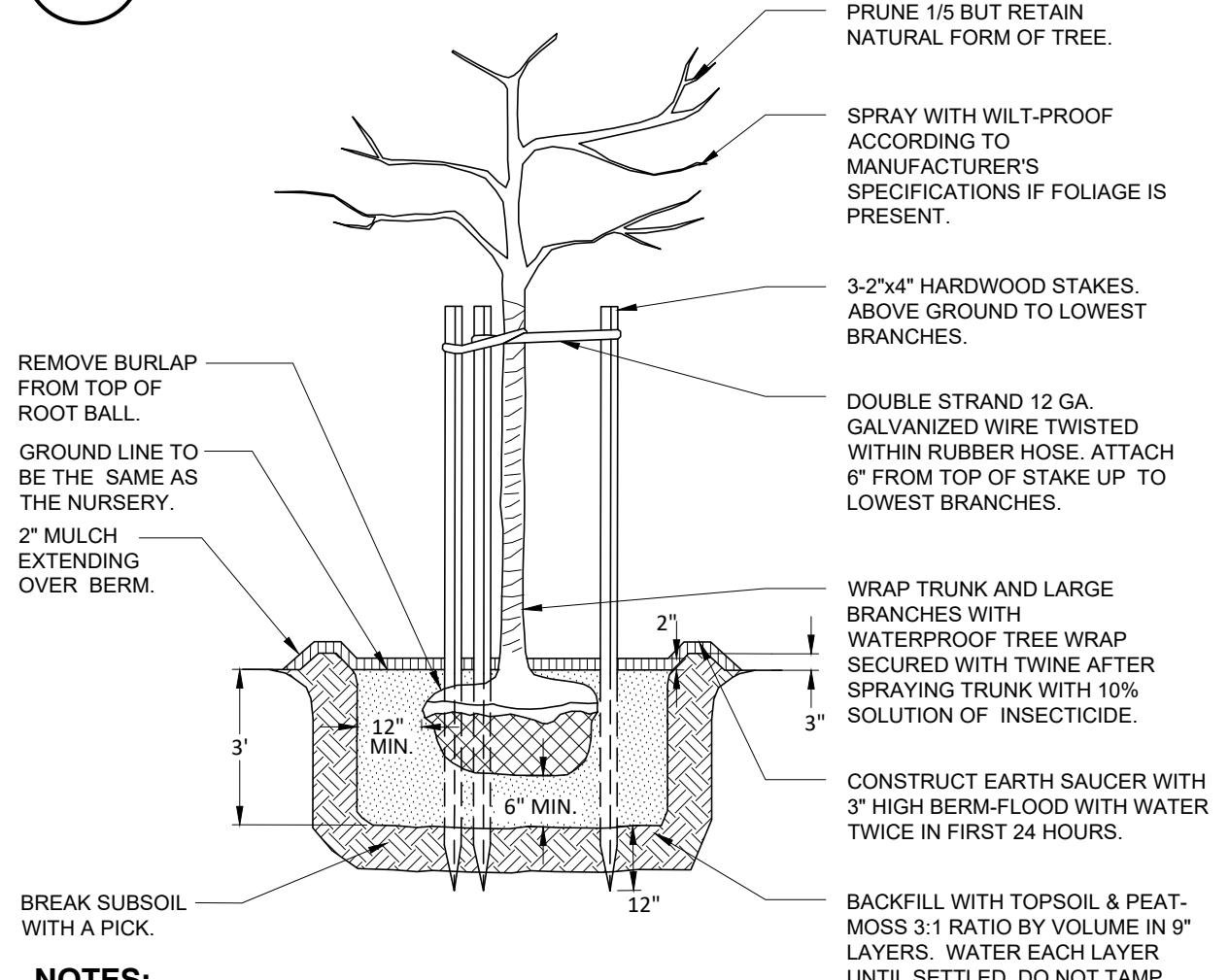
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SHEET NO.   
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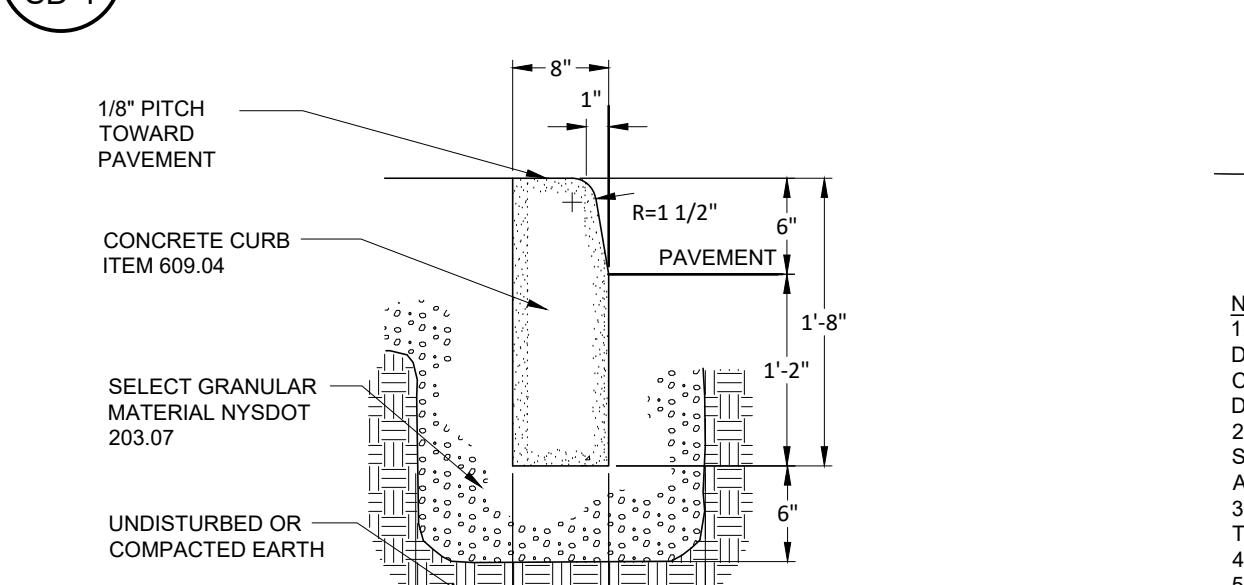
**1 SHRUB PLANTING DETAIL**  
SD-1  
SCALE: N.T.S.



**2 PERENNIAL & GROUND COVER PLANTING DETAIL**  
SD-1  
SCALE: N.T.S.



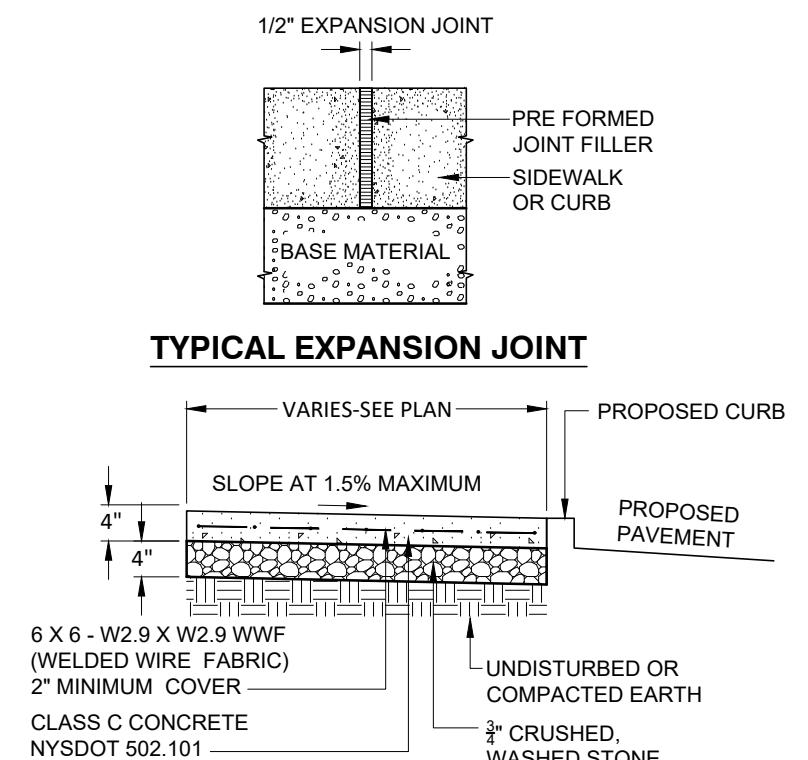
**7 DECIDUOUS TREE PLANTING / STAKING DETAIL**  
SD-1  
SCALE: N.T.S.



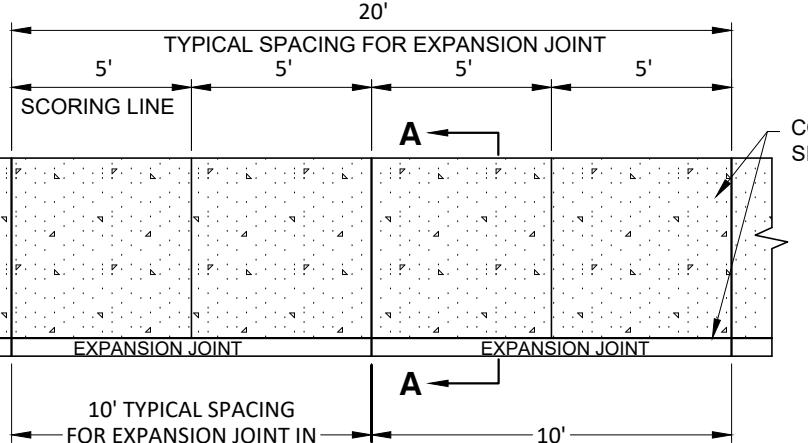
**11 CONCRETE CURB DETAIL**  
SD-1  
SCALE: N.T.S.



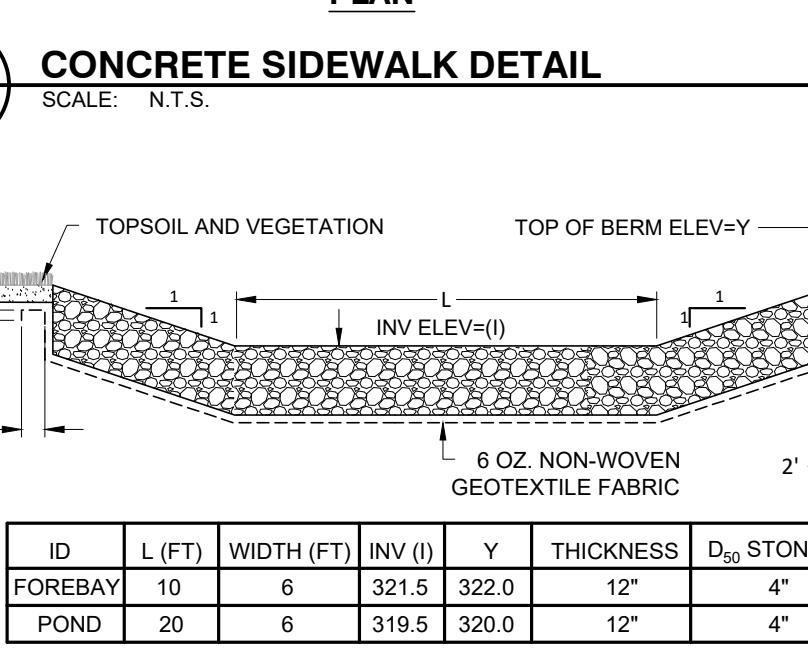
2. EXPANSION JOINTS SHALL BE PLACED EVERY 10'. SEE DETAIL THIS SHEET.



**4 SECTION A-A**



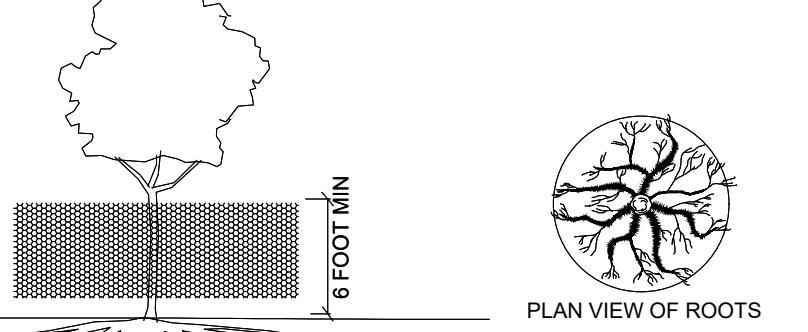
**5 SECTION A-A**



**8 STONE OVERFLOW WEIR DETAIL**



**9 TRASH RACK DETAIL**

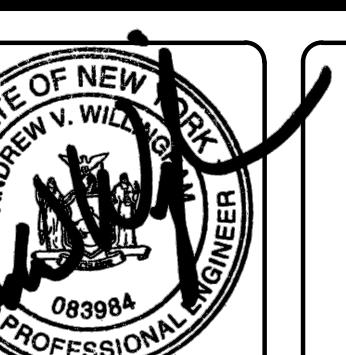
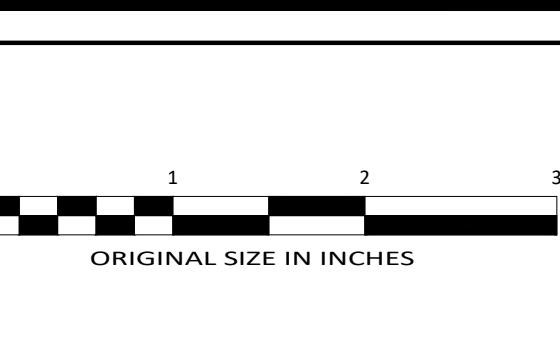


NOTES:  
1. ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI A300) PLANTS ACCORDING TO ANSI A300 PART 1.  
2. DIG THE PLANTING HOLE A MINIMUM OF 2X WIDTH OF ROOTBALL FOR AT LEAST THE FIRST 12 INCHES OF DEPTH. BELOW 12 INCHES, DIG HOLE WIDE ENOUGH TO PERMIT ADJUSTING. DO NOT DIG THE HOLE DEEPER THAN ROOT BALL DEPTH.  
3. SCARIFY THE SUBGRADE AND SIDES OF THE PLANTING HOLE WHEN PLANTING IN CLAY SOILS (MORE THAN 15% CLAY).  
4. LIFT AND SET THE TREE BY ROOT BALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.  
5. SET THE TOP OF THE ROOT BALL LEVEL WITH THE SOIL SURFACE OR SLIGHTLY HIGHER IF THE SOIL IS PRONE TO SETTLING.  
6. AFTER THE TREE IS SET IN PLACE, REMOVE BURLAP, WIRE AND STRAPS FROM AT LEAST THE UPPER 1/3 OF THE ROOTBALL.  
7. BACKFILL WITH EXISTING SOIL THAT HAS BEEN WELL-TILLED OR BROKEN UP.  
8. USE THREE 2" X 2" WOOD STAKES DRIVEN INTO UNDISTURBED SOIL A MINIMUM OF 16 INCHES. SPACE STAKES EQUALLY AROUND THE TREE.  
9. ATTACH 3/4" NYLON WEBBING TO CONNECT THE TREE TO STAKES. ATTACH WEBBING AT 1/3 THE TREE HEIGHT.  
10. 1/2" IS THE DEPTH OF BARK MULCH TO THE PLANTING SURFACE. LEAVE A 2' SPACE AROUND THE TRUNK FOR AIR CIRCULATION.  
11. PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH ANSI A300 SPECIFICATIONS.  
12. REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.

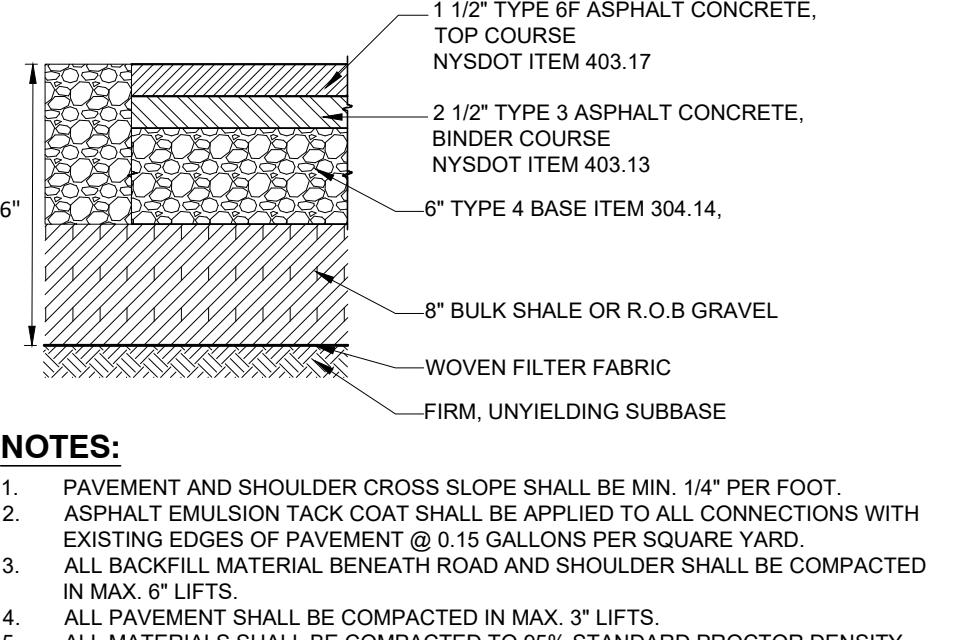
**12 TREE PROTECTION**  
SD-1  
SCALE: N.T.S.



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**NOTES:**

1. PAVEMENT AND SHOULDER CROSS SLOPE SHALL BE MIN. 1/4" PER FOOT.

2. ASPHALT EMULSION TACK COAT SHALL BE APPLIED TO ALL CONNECTIONS WITH EXISTING EDGES OF PAVEMENT AT 0.15 GALLONS PER SQUARE YARD.

3. ALL BACKFILL MATERIAL BENEATH ROAD AND SHOULDER SHALL BE COMPAKTED IN MAX. 6" LIFTS.

4. ALL PAVEMENT SHALL BE COMPAKTED IN MAX. 3" LIFTS.

5. ALL MATERIALS SHALL BE COMPAKTED TO 95% STANDARD PROCTOR DENSITY.

**4 PAVEMENT DETAIL**

SD-1  
SCALE: N.T.S.



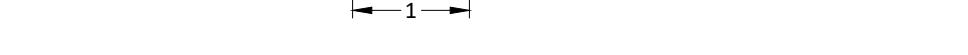
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**14 SECTION A-A**



**15 SECTION A-A**



**16 SECTION A-A**



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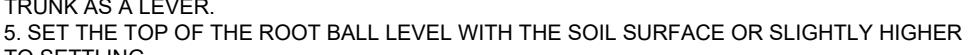
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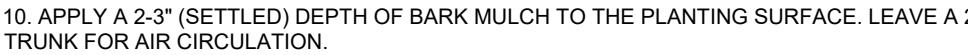
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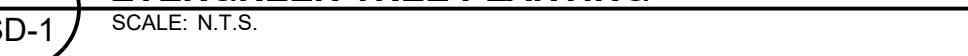
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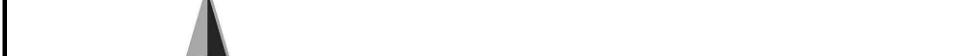
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**41 SECTION A-A**

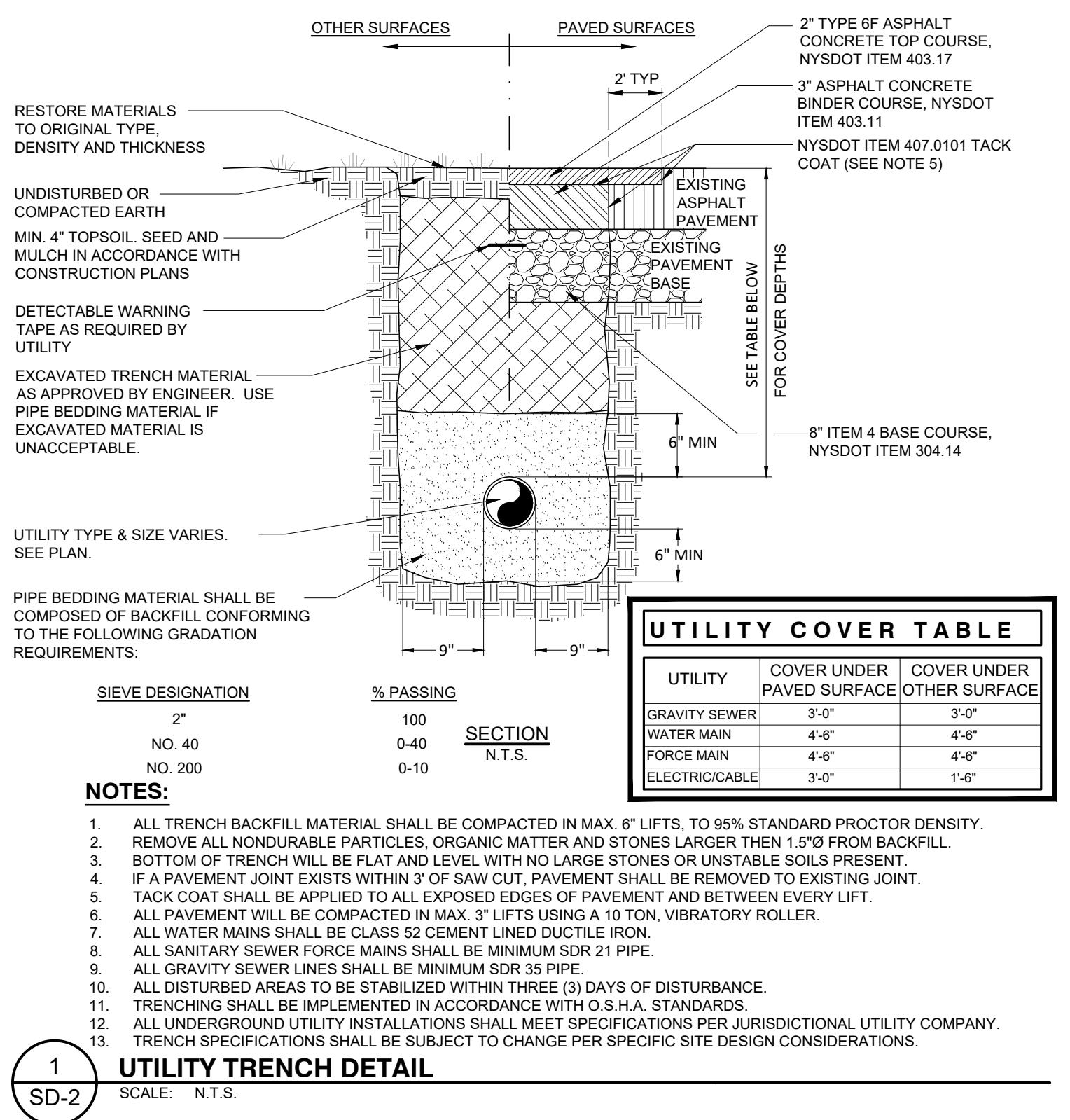


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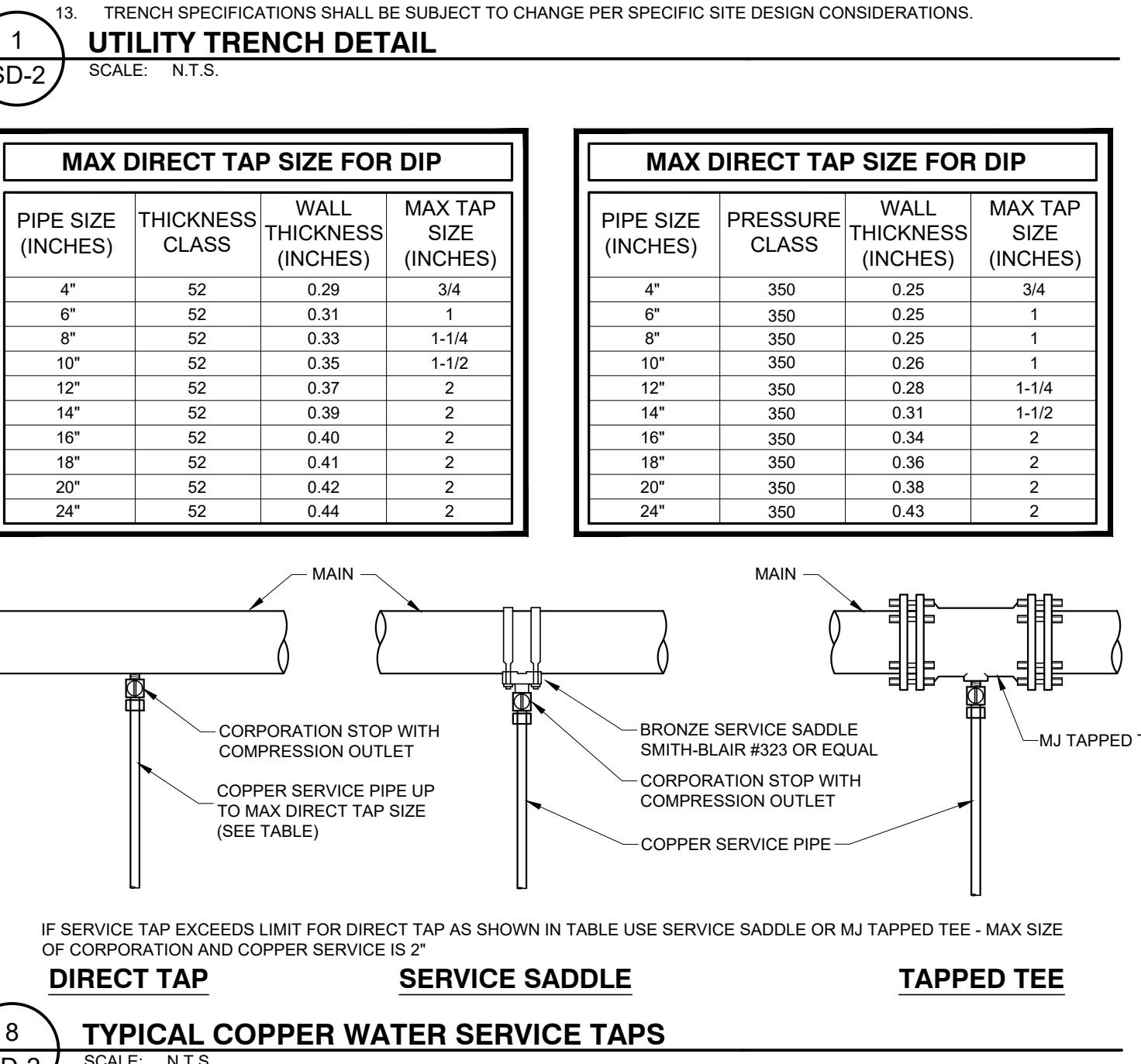


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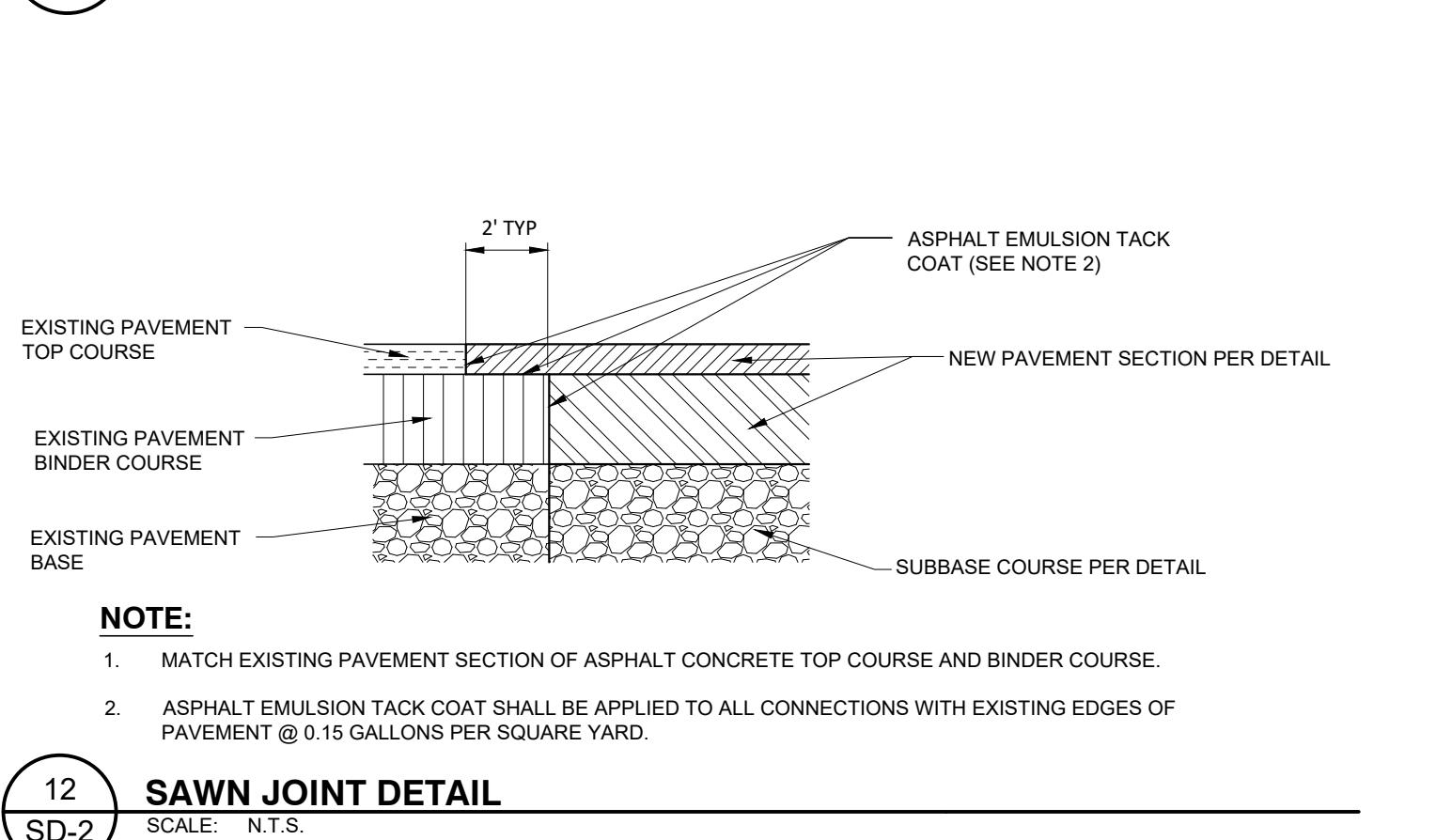




2 EX. MANHOLE CORE BORE & BOOT DETAIL  
SD-2 SCALE: N.T.S.



8 TYPICAL COPPER WATER SERVICE TAPS  
SD-2 SCALE: N.T.S.



12 SAWN JOINT DETAIL  
SD-2 SCALE: N.T.S.

2 EX. MANHOLE CORE BORE & BOOT DETAIL  
SD-2 SCALE: N.T.S.

3 SIGN DETAIL  
SD-2 SCALE: N.T.S.

4 HANDICAP ACCESSIBLE PARKING SPACE & SIGN DETAIL  
SD-2 SCALE: N.T.S.

5 DOMESTIC WATER SERVICE W/ CURB BOX  
SD-2 SCALE: N.T.S.

6 STOCKADE FENCE DETAIL  
SD-2 SCALE: N.T.S.

7 REFUSE CONTAINER ENCLOSURE DETAIL  
SD-2 SCALE: N.T.S.

8 HORIZONTAL SEPARATION  
SD-2 SCALE: N.T.S.

9 WATER MAIN - SANITARY / STORM SEWER SEPARATION DETAIL  
SD-2 SCALE: N.T.S.

10 WET TAP SLEEVE AND VALVE DETAIL  
SD-2 SCALE: N.T.S.

11 PRECAST CATCH BASIN (24x24)  
SD-2 SCALE: N.T.S.

12 STORMWATER TRENCH DETAIL  
SD-2 SCALE: N.T.S.

13 PRECAST CATCH BASIN (30x30)  
SD-2 SCALE: N.T.S.

14 SITE DETAILS  
SUMMIT DRIVE PROPERTIES LLC  
SUMMIT DRIVE  
TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

15 DRAWN BY  
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DATE  
09/22/23  
AS NOTED  
PROJECT NO.  
23006  
SHEET NO.  
SD-2

16 SITE DETAILS  
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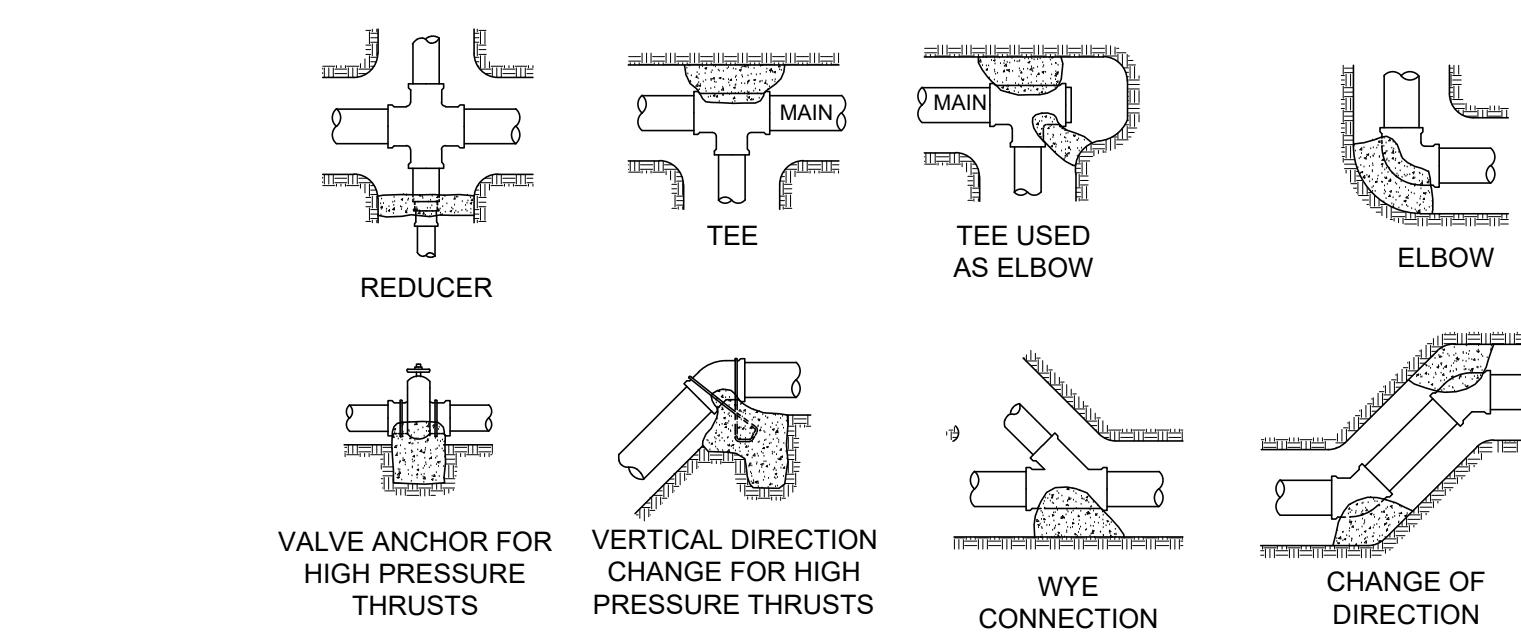
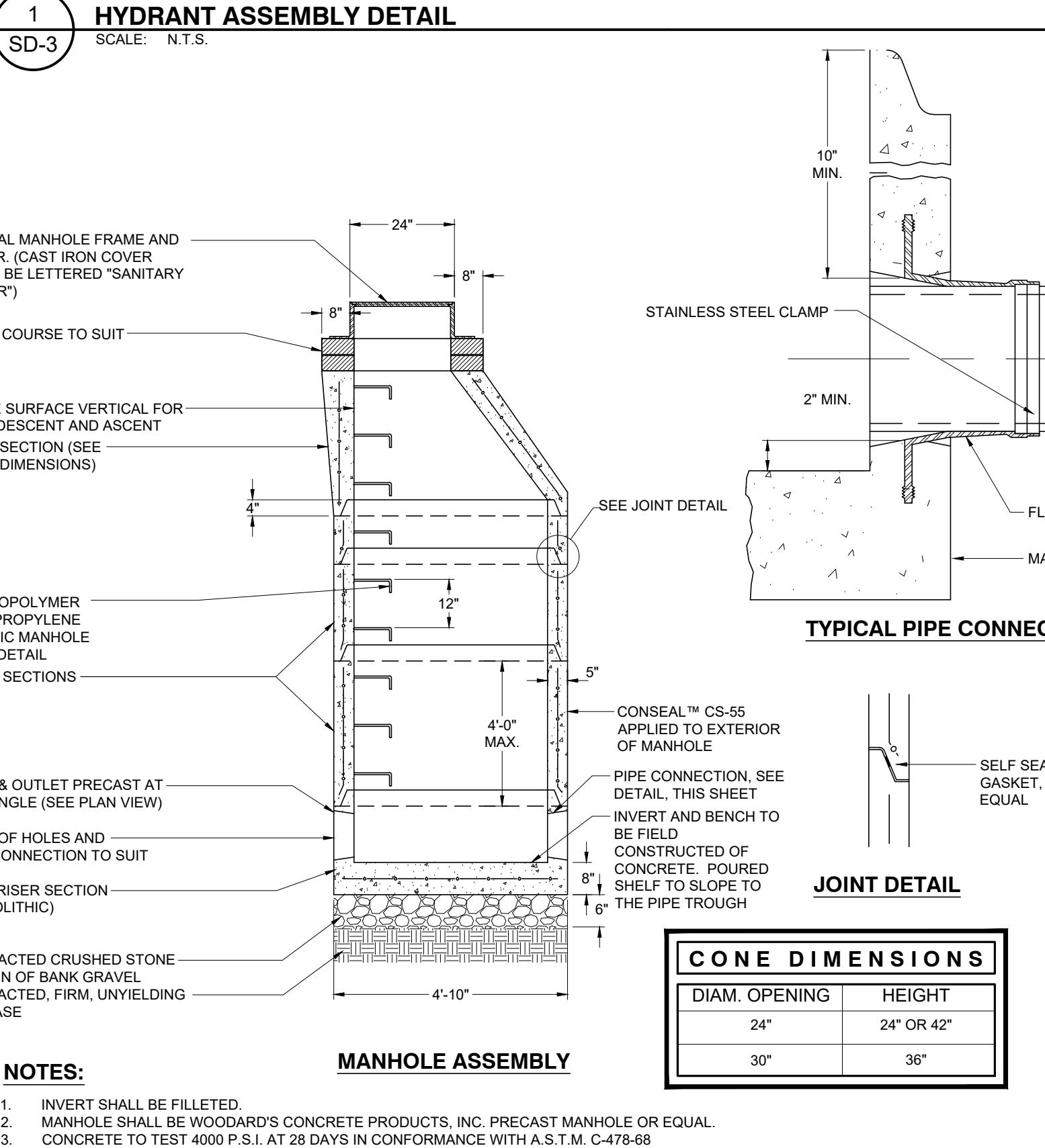
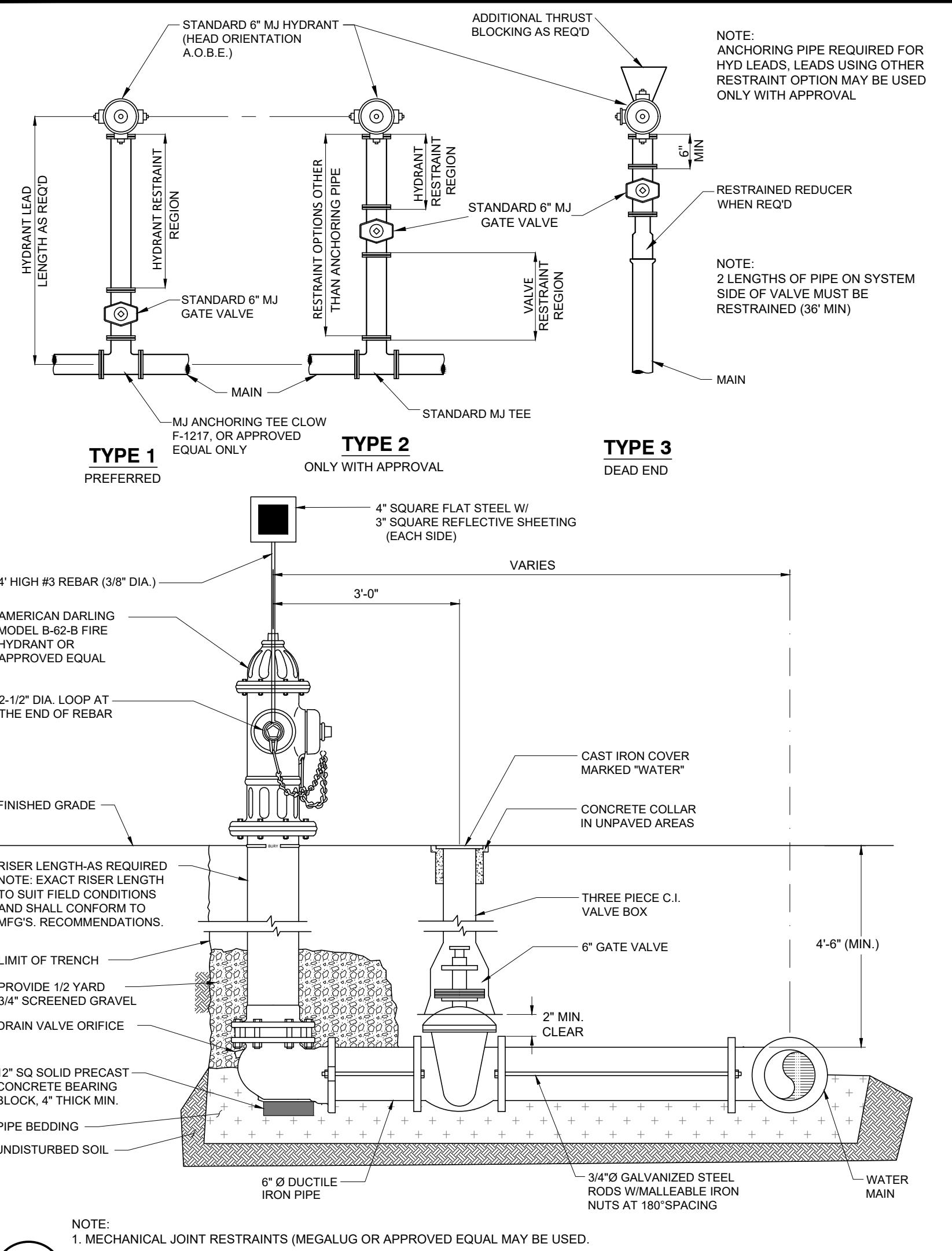
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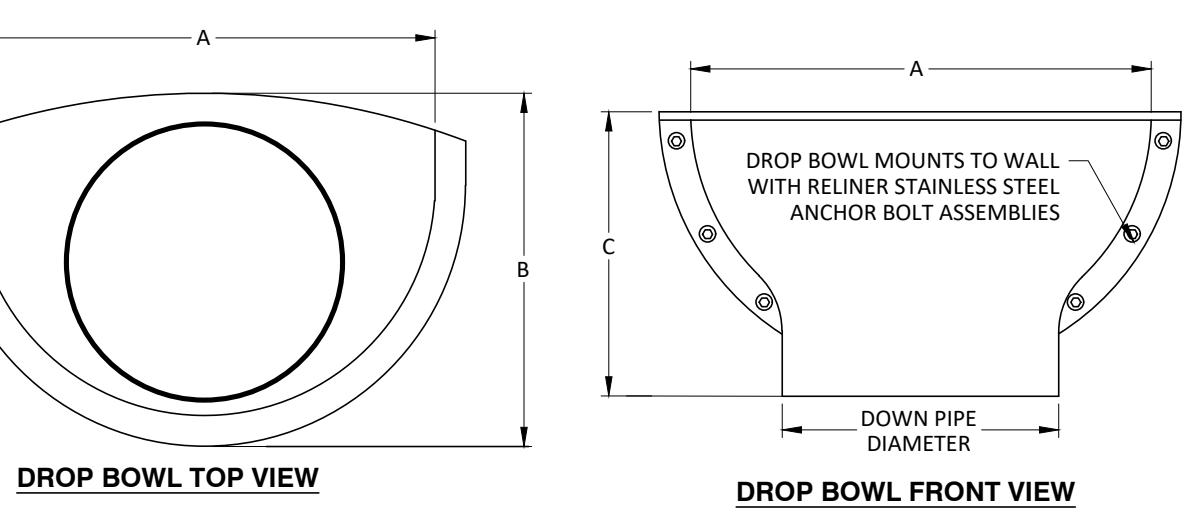
**SIDE VIEWS**

THRUST BLOCK SIZE					
SDR 21 FORCE MAIN PRESSURE - 200 P.S.I. SOIL - SAFE BEARING LOAD 2000 P.S.F.					
TEES & DEAD ENDS	90°	45°	22 1/2°	BENDS	
BEARING AREA REQ'D (S.F.)	6.6	9.3	5.1	2.5	
USE -	3' x 3'	4' x 2.5'	2.5' x 2.5'	1' x 2.5'	

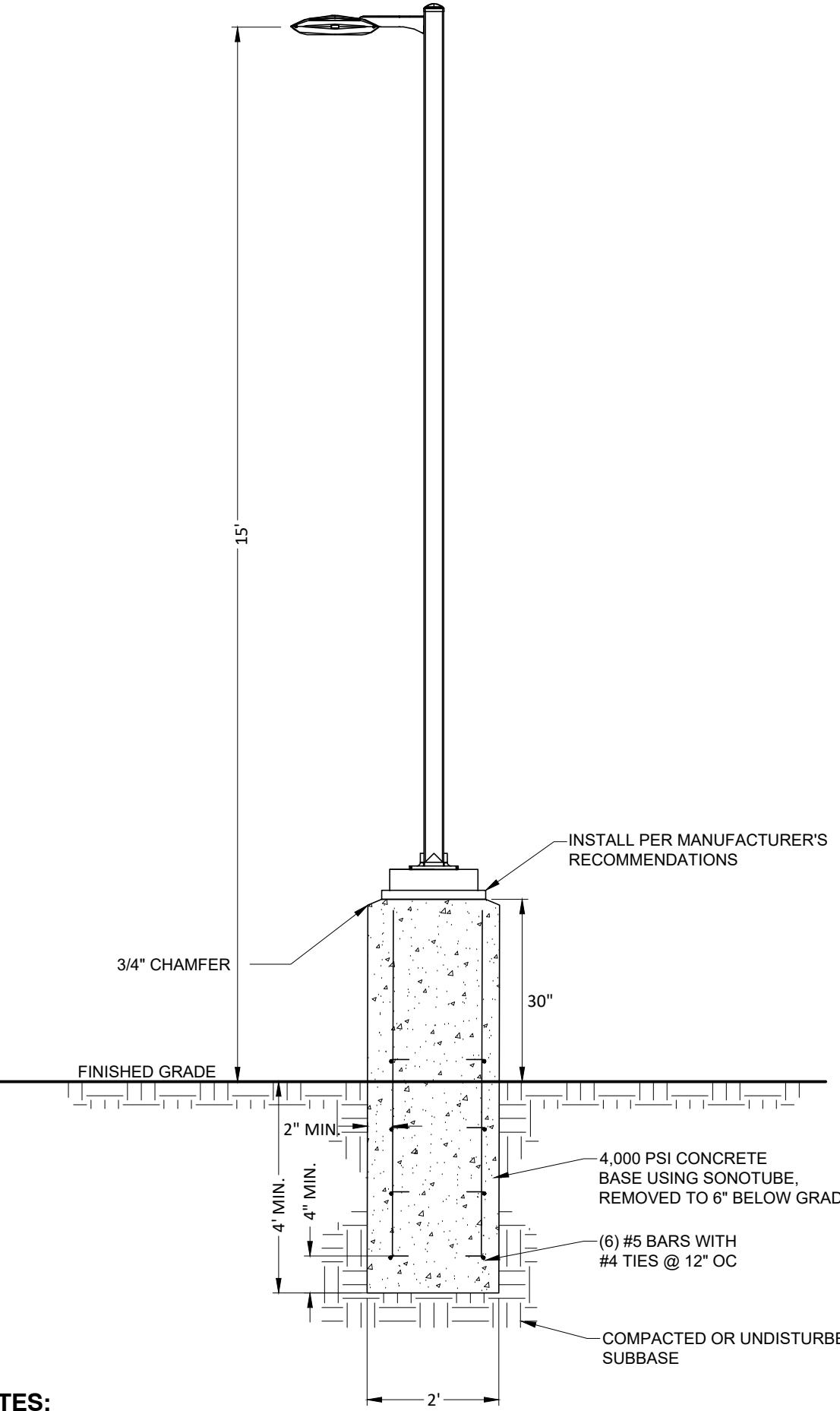
**NOTES:**  
1. CONCRETE TO TEST 2500 P.S.I. AT 28 DAYS IN CONFORMANCE WITH A.S.T.M. C-478-68  
2. THRUST BLOCK SHALL BEAR AGAINST UNDISTURBED SOIL  
3. A MINIMUM 10 MIL PLASTIC SHEET SHALL BE PLACED BETWEEN CONCRETE AND PIPE.

**2 THRUST BLOCK DETAIL**

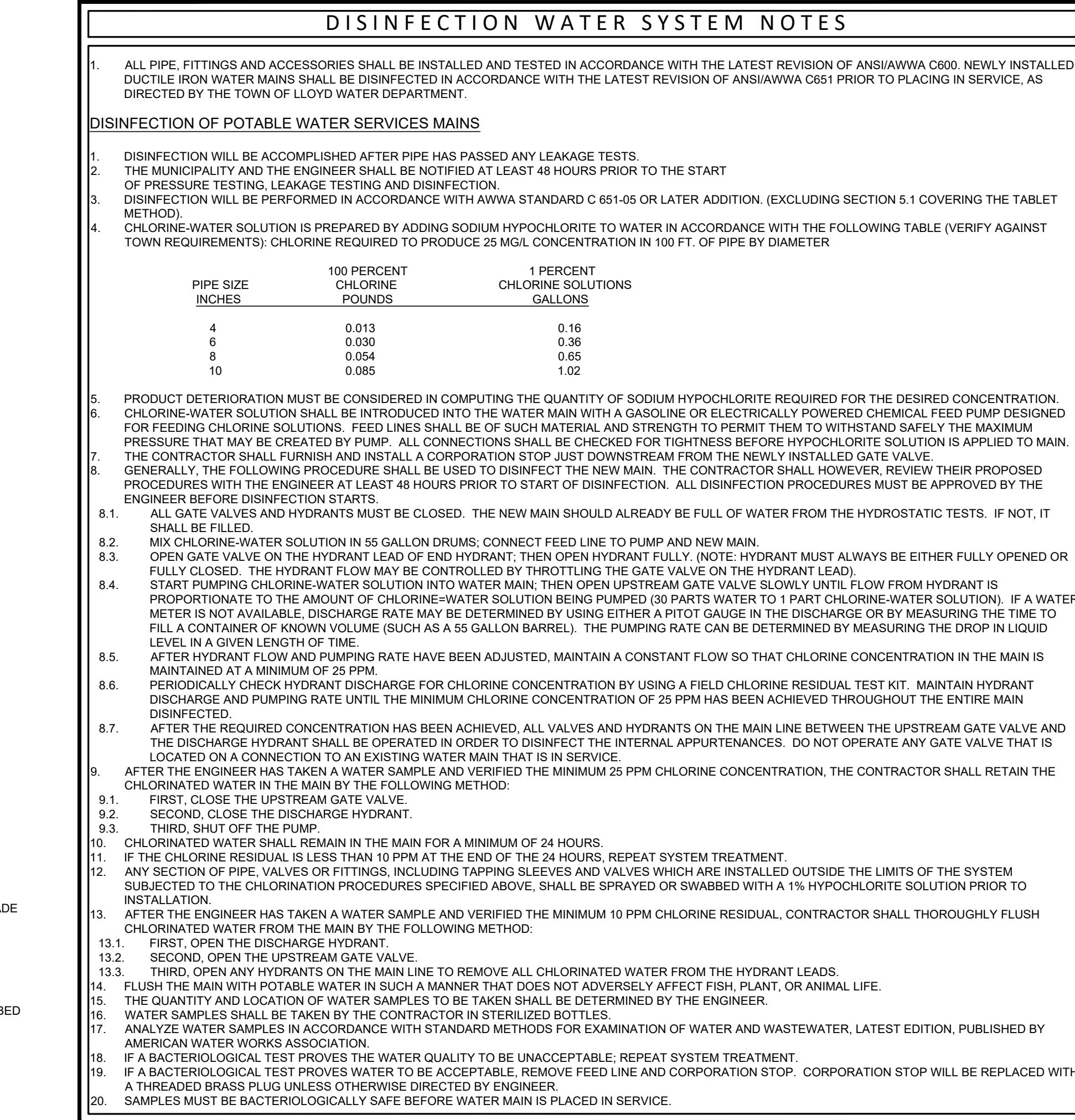
SCALE: N.T.S.



DROP BOWL TOP VIEW  
DROP BOWL FRONT VIEW



NOTES:  
1. FIRST, CLOSE THE UPSTREAM GATE VALVE.  
2. SECOND, OPEN THE UPSTREAM GATE VALVE.  
3. THIRD, SHUT OFF THE PUMP.



**DROP BOWL SELECTION CHART**

DOWN PIPE DIAMETER	MANHOLE DIAMETER				
	4" DIA	5" DIA	6" DIA	7-8" DIA	9-12" DIA
4" A4FDB	A4DB	A4DB	A4R96	A4R96	A4R96
6" A6FDB	A6DB	A6DB	A6R96	A6R96	A6R96
8" B8FDB	B8DB	B8DB	B8DBR96	B8DBR96	B8R144
10" B10FDB	B10DB	B10DB	B10R96	B10R96	B10R144
12" 24/12FDB	24/12R96	24/12R96	24/12R96	24/12R96	24/12R96
14" 24/14FDB	24/14R96	24/14R96	24/14R96	24/14R96	24/14R96
15" 24/15FDB	24/15R96	24/15R96	24/15R96	24/15R96	24/15R96
18" 30/18FDB	30/18R96	30/18R96	30/18R96	30/18R96	30/18R96
21" 36/21FDB	36/21R60	36/21R60	36/21R60	36/21R60	36/21R60
24" 48/24FDB	48/24R72	48/24R72	48/24R96	48/24R96	48/24R96

**DROP BOWL DIMENSIONS**

DOWN PIPE DIAMETER	WIDTH "A"	DEPTH "B"	HEIGHT "C"	ANCHOR BOLT QUANTITY & TYPE	
				ANCHOR BOLT QUANTITY	TYPE
A4	4"	12"	9.5"	8.9"	4 - 1" TAMP-IN
A6	6"	12"	11.1"	8.8"	4 - 1" TAMP-IN
B8	8"	18"	13.0"	11.5"	4 - 1" TAMP-IN
B10	10"	18"	14.5"	12.0"	4 - 1" TAMP-IN
B12	12"	18"	16.5"	15.0"	4 - 1" TAMP-IN
B14	14"	24"	19.3"	15.8"	6 - 1" TAMP-IN
B15	15"	24"	23.5"	18.5"	6 - 1" TAMP-IN
B18	18"	30"	23.6"	23.0"	8 - 3" WEDGE
B21	21"	36"	31.6"	29.0"	8 - 3" WEDGE
B24	24"	48"	30.5"	30.0"	10 - 3" WEDGE

**NOTES:**

1. INSIDE DROP BOWL TO BE MANUFACTURED BY RELINER / DURAN INC. OR APPROVED EQUAL.
2. INSIDE DROP BOWL TO BE FABRICATED IN MARIN GRADE FIBERGLASS AND FINISHED IN GEL COAT.
3. STAINLESS STEEL PIPE BRACKETS ARE USED TO SUPPORT DOWN PIPE.
4. EXTERNAL PIPE COUPLER REQUIRED.
5. PROVIDE SWEEP AT DOWN PIPE OUTLET.

**MANHOLE ASSEMBLY**  
NOTES:  
1. INVERT SHALL BE FILLETED.  
2. MANHOLE SHALL BE WOODARD'S CONCRETE PRODUCTS, INC. PRECAST MANHOLE OR EQUAL.  
3. CONCRETE TO TEST 4000 P.S.I. AT 28 DAYS IN CONFORMANCE WITH A.S.T.M. C-478-68.  
4. MANHOLE, TOP, FRAME, AND COVER SHALL BE DESIGNED FOR H-20 VEHICULAR LOADING AND 30% IMPACT.

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### EROSION AND SEDIMENT CONTROL NOTES - GENERAL

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND PRINCIPLES AS OUTLINED IN THE "NEW YORK STATE STANDARDS FOR EROSION AND SEDIMENT CONTROL" AND THE "NEW YORK STATE CONSTRUCTION SEQUENCING SCHEDULE". WHERE THE DOCUMENT EXISTS, THE INTENT OF THE OUTLINED MEASURES IS TO MINIMIZE EROSION AND SEDIMENTATION DURING CONSTRUCTION, STABILIZE AND PROTECT THE SITE FROM EROSION AFTER CONSTRUCTION IS COMPLETE AND MITIGATE ANY ADVERSE IMPACTS TO STORMWATER QUALITY RESULTING FROM SEDIMENT RUNOFF CAUSED BY DEVELOPMENT ACTIVITIES.

NO SOIL STOCKPILE OR GRADED AREA SHALL REMAIN EXPOSED FOR MORE THAN 14 DAYS. THE EXPOSED AREA OR SOIL STOCKPILE SHALL BE STABILIZED WITHIN THE 14 DAY PERIOD. STABILIZATION MEASURES TO BE USED INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING AND STONE RIP RAP. DURING CONSTRUCTION, RUNOFF SHALL BE DIVERGED AROUND THE SITE WITH EARTH DIKES, PIPING, OR STABILIZED CHANNELS WHERE POSSIBLE. SHEET RUNOFF FROM THE SITE SHALL BE PROVIDED WITH BARRIER FILTERS. STONE RIP RAP SHALL BE PROVIDED AT THE OUTLETS OF DRAINAGE PIPES WHERE EROSION VELOCITIES ARE ENCOUNTERED.

### TIMING OF CONTROL MEASURES

AS INDICATED ACCORDING TO THE CONSTRUCTION SEQUENCING SCHEDULE, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED AND STABILIZED PRIOR TO COMMENCING ANY CLEARING OR GRAVING OF THE SITE. STABILIZATION CONTROLS SHALL BE INSTALLED CONCURRENTLY WITH THE APPLICABLE ACTIVITY, AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN TWENTY ONE (21) DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN FOURTEEN (14) DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, SILT FENCES AND HAY BALE BARRIERS AND ANY EARTH DIKES WILL BE REMOVED ONCE PERMANENT MEASURES AND STABILIZATION ARE ESTABLISHED.

### GENERAL INSPECTION AND MAINTENANCE PRACTICE

THESE ARE THE GENERAL INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO IMPLEMENT THE PLAN DURING CONSTRUCTION.

- THE SMALLEST PRACTICAL PORTION OF THE SITE WILL BE DISTURBED AT ONE TIME.
- ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK.
- ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
- A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.

### INSTALLATION NOTES

- TEMPORARY SEEDING SHOULD BE MADE WITHIN 24 HOURS OF CONSTRUCTION OR DISTURBANCE. IF NOT, THE SOIL MUST BE SCARIFIED PRIOR TO SEEDING.
- IN ORDER FOR MULCH TO BE EFFECTIVE IT MUST BE PLACED PRIOR TO MAJOR STORM EVENTS. IT WILL BE NECESSARY TO CLOSELY MONITOR WEATHER PREDICTIONS TO HAVE ADEQUATE WARNING OF SIGNIFICANT STORMS.
- THE TIME PERIOD TO MULCH CAN RANGE FROM 14 TO 21 DAYS OF INACTIVITY ON AN AREA. THE LENGTH OF TIME VARYING WITH SITE CONDITIONS. PROFESSIONAL JUDGMENT SHALL BE USED TO EVALUATE THE INTERACTION OF SITE CONDITIONS, SOIL ERODIBILITY, SEASON OF YEAR, EXTENT OF DISTURBANCE, PROXIMITY TO SENSITIVE RESOURCES, ETC.) AND THE POTENTIAL IMPACT OF EROSION ON ADJACENT AREAS IN ORDER TO CHOOSE THE APPROPRIATE MULCH.
- WHEN MULCH IS APPLIED TO PROVIDE PROTECTION OVER WINTER (PAST THE GROWING SEASON) IT SHALL BE AT THE RATE OF 6,000 LBS OF HAY OR STRAW PER ACRE. A TACKIFIER MAY BE ADDED TO THE MULCH.

SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. (REFER TO CONSTRUCTION SEQUENCING SCHEDULE IN SWPPP REPORT FOR FURTHER INFORMATION).

130 (MIN.) POUNDS PURE LIVE PEAT ACRE

MULCH: LAYER OF COMMON HAY OR STRAW; 2

TONS PER ACRE

FERTILIZED COMMERCIAL 30-10-20, SLOW RELEASE

APPLY 100 POUNDS PER ACRE AS PER MANUFACTURER'S

RECOMMENDATIONS (NO MORE THAN 1 LB NITROGEN PER 1000 SF).

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