

PRELIMINARY SITE PLAN APPROVAL DRAWINGS

# DATA CENTER BUILDING EXPANSION

TAX MAP SECTION 73.20 | BLOCK 1 | LOT 23, 24  
ROCKLAND COUNTY  
1 RAMLAND ROAD  
TOWN OF ORANGETOWN, NEW YORK

**Applicant:**

**RAMLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAWAN, NEW JERSEY 07747  
(732) 441-1547



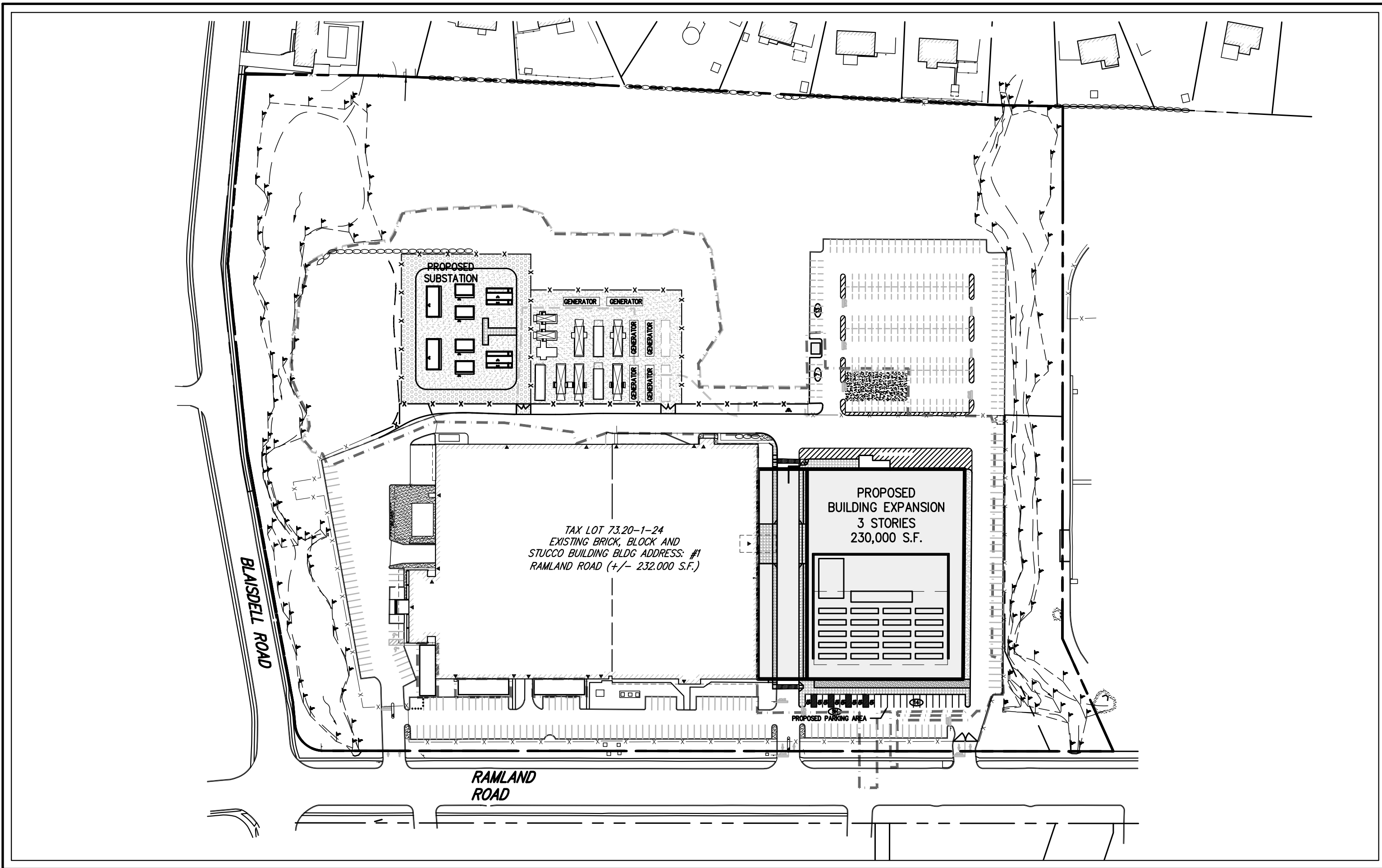
**Site Planner, Civil & Traffic Engineer,  
and Landscape Architect**  
120 BEDFORD ROAD  
ARMONK, NY 10504  
(914) 273-5225

**Architect:**

**MICHELLE DROLLETTE ARCHITECT LLC**  
129 EAST HIGH STREET  
HELLERTOWN, PA 18055  
(917) 519-1533

**Surveyor:**

**JAY A. GREENWELL, PLS, LLC.**  
35 WAYNE AVENUE  
SUFFERN, NEW YORK 10901  
(845) 357-0830



**JMC Drawing List:**

- C-000 COVER SHEET
- C-010 EXISTING CONDITIONS PLAN
- C-020 DEMOLITION PLAN
- C-100 LAYOUT PLAN
- C-110 FIRE TRUCK ACCESS PLAN
- C-200 GRADING PLAN
- C-300 UTILITIES PLAN
- C-310 STORM PROFILES PLAN
- C-400 EROSION AND SEDIMENT CONTROL PLAN
- C-900 CONSTRUCTION DETAILS
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- C-904 CONSTRUCTION DETAILS
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- C-906 CONSTRUCTION DETAILS
- C-907 CONSTRUCTION DETAILS
- L-100 LANDSCAPING PLAN

**TABLE OF LAND USE**

SECTION 73.20, BLOCK 1, LOT 23, 24  
ZONE "LIO" - "LIGHT INDUSTRIAL-OFFICE DISTRICT" USE GROUP "CC"  
PROPOSED USE: DATA PROCESSING CENTER  
FIRE DISTRICT: TAPPAN  
WATER DISTRICT: PEARL RIVER  
SCHOOL DISTRICT: PEARL RIVER  
SEWER DISTRICT: ORANGETOWN

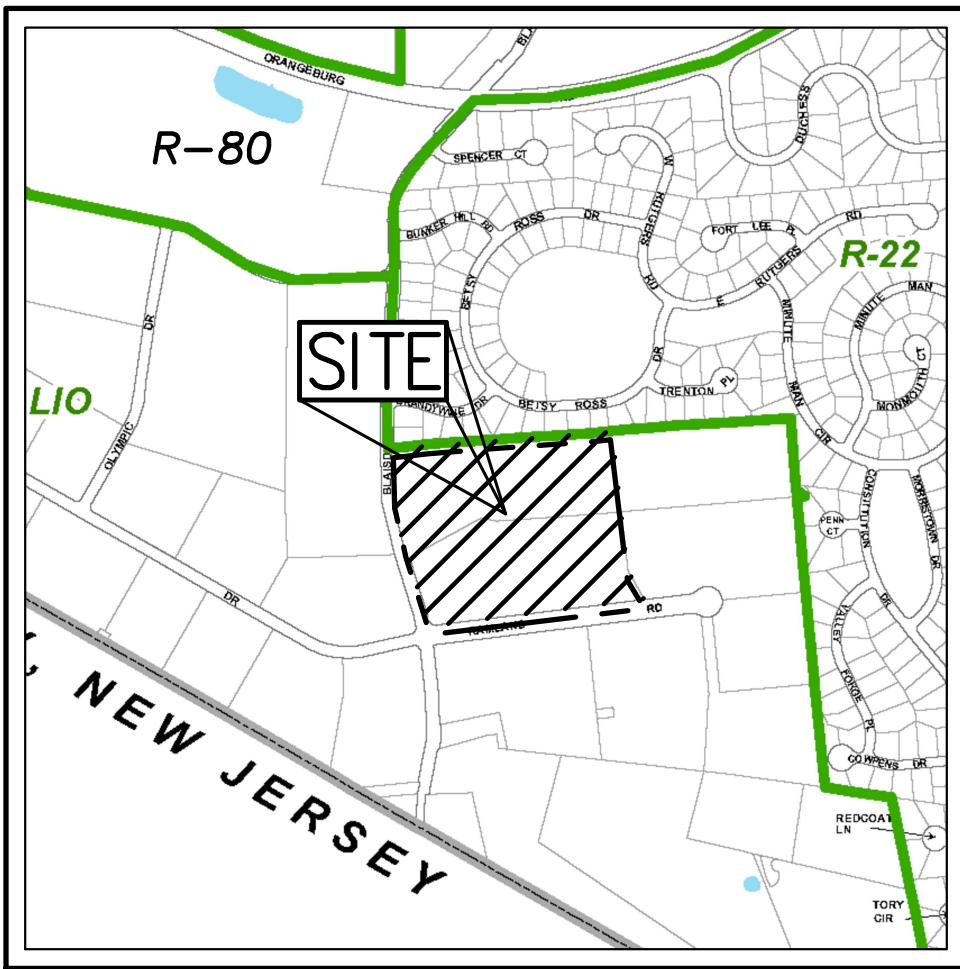
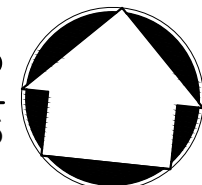
DESCRIPTION	REQUIRED	EXISTING	PROPOSED
LOT AREA (ACRES)	2 ACRES MIN.	23.8 ACRES	23.8 ACRES
LOT WIDTH (FEET)	300 MIN.	930	930
LOT FRONTAGE (FEET)	150 MIN.	1,124	1,124
LOT DEPTH (FEET)	N/A	-	-
BUILDING HEIGHT: 3 INCHES/FOOT FROM LOT LINE (FEET)	100' FROM LOT LINE = 25 FT (MAX.)	37	60 <sup>(1)</sup>
MAXIMUM FLOOR AREA RATIO	0.40	0.23	0.45 <sup>(1)</sup>
LOT COVERAGE (PERCENT)	75% MAX.	44%	47%
<b>YARDS</b>			
FRONT BUILDING SETBACK (FEET)	100 MIN.	92.8 <sup>(2)</sup>	92.8 <sup>(1)</sup>
REAR BUILDING SETBACK (FEET)	100 MIN.	381	381
SIDE BUILDING SETBACK (FEET)	100 MIN.	169	135
RESIDENTIAL DISTRICT A BUFFER (FEET)	100 MIN.	100	+100
TOTAL SIDE YARD (FEET)	200 MIN.	591	304

**PARKING/LOADING SUMMARY**

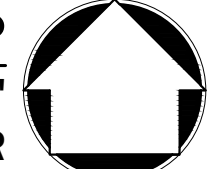
TOTAL SPACES REQUIRED RESEARCH/LABORATORIES: 1 SPACE/2 EMPLOYEES: (20 EMPLOYEES = 10 SPACES) OFFICES: 1 SPACE/200 S.F. OF GROSS FLOOR AREA (60,000 S.F. = 300 SPACES)	310	747	423
HANDICAP SPACES PROVIDED (SPACES)	9	15	10
STANDARD SPACES PROVIDED (SPACES)	-	732	415

- (1) VARIANCE REQUIRED  
(2) EXISTING NON-CONFORMITY

**AREA MAP**  
SCALE: N.T.S.

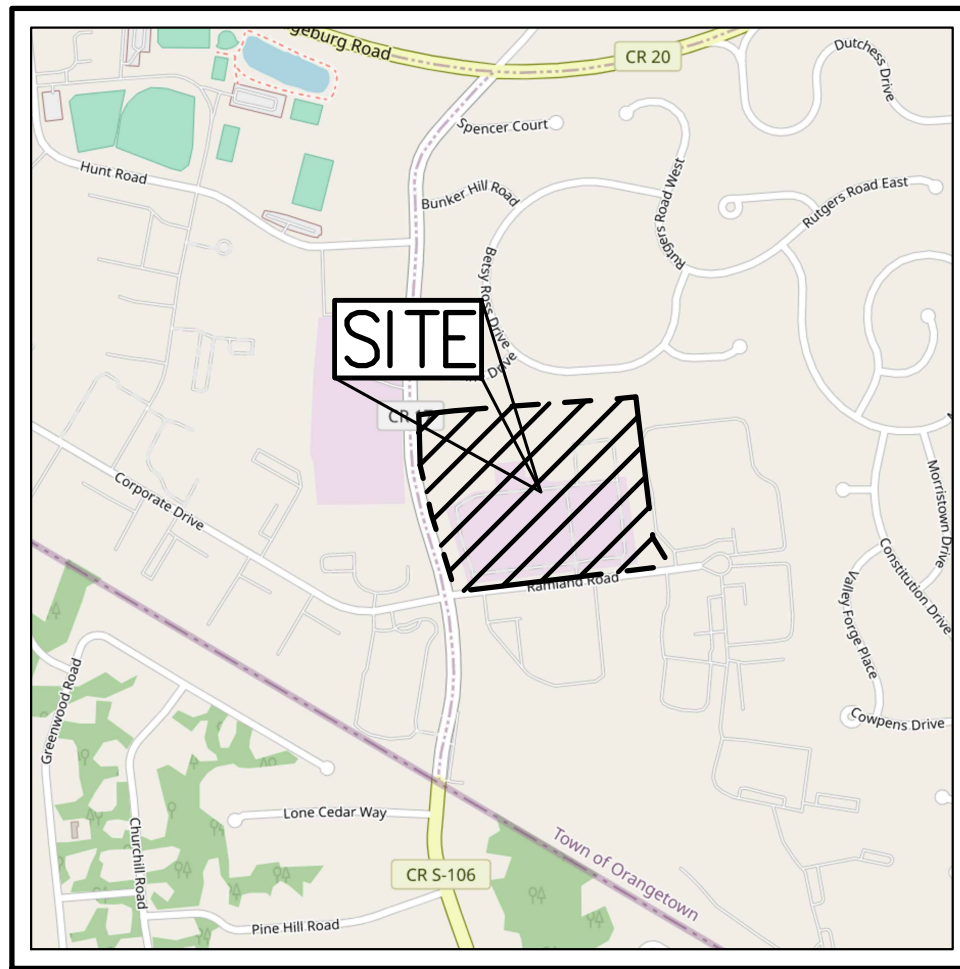


**ZONING MAP**  
SCALE: 1" = 1,000'  
SOURCE: TITLE / YEAR

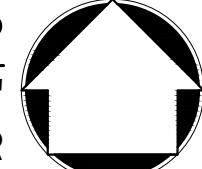


ORANGETOWN ZONING DESIGNATION KEY	
R-22	MEDIUM DENSITY RESIDENCE ZONE
R-80	RURAL RESIDENCE ZONE
LIO	LIGHT INDUSTRIAL-OFFICE ZONE

LEGEND	
---	SITE PROPERTY LINE
---	ZONING BOUNDARY



**VICINITY MAP**  
SCALE: 1" = 1,000'  
SOURCE: TITLE / YEAR



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



No.	Revision	Date	By
1.	REVISED PER PRC COMMENTS	03/31/2023	BD
2.	REVISED PER TOWN COMMENTS	05/02/2023	RR
3.	REVISED PER TOWN COMMENTS	10/23/2023	RR

Previous Editions Obsolete



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



Drawn: RR	Approved: BD
Scale: NOT TO SCALE	Date: 10/18/2022
Project No: 13016	Drawn By: COVER
Drawing No: C-000	Cover By: COVER

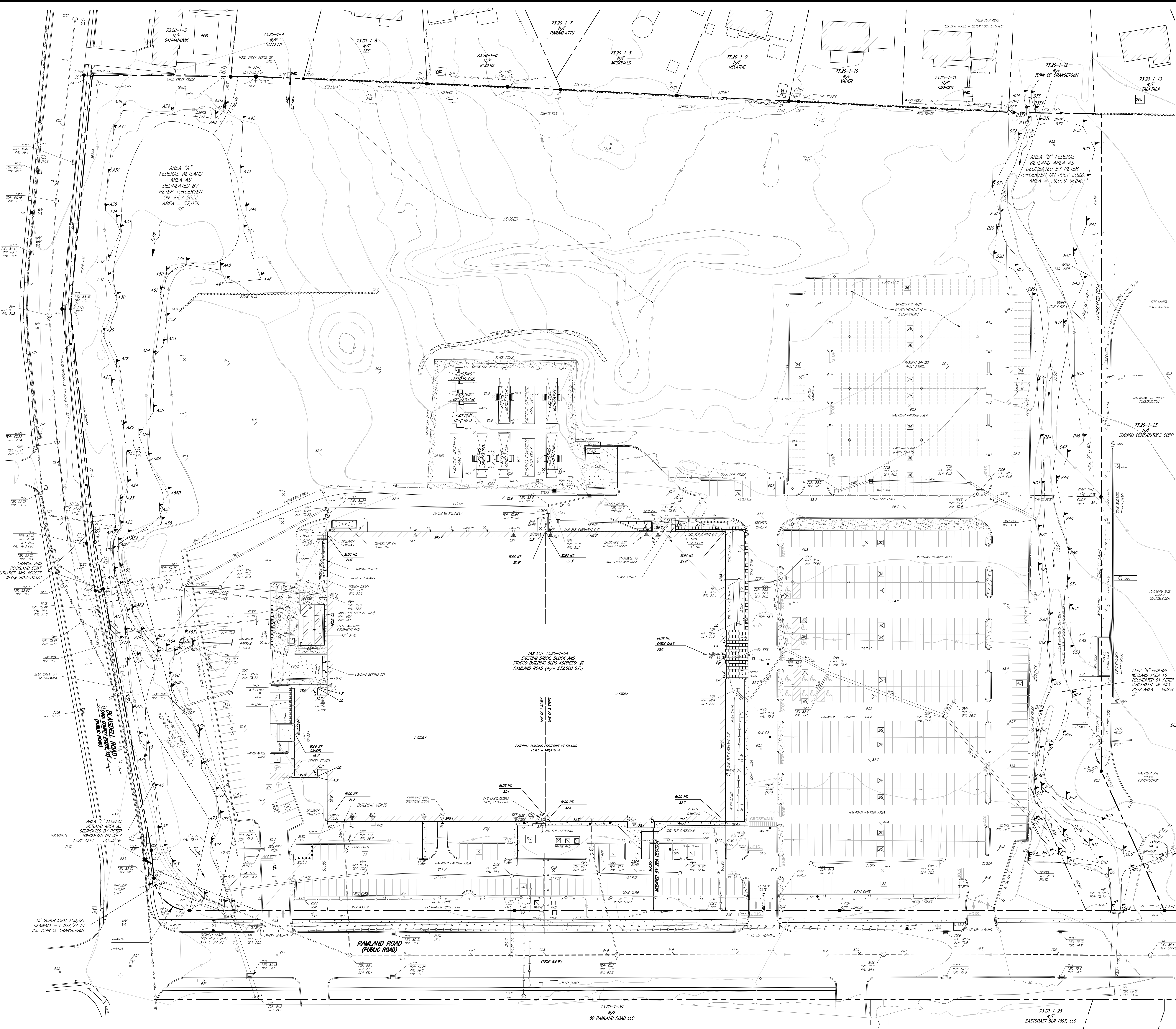
NOT FOR CONSTRUCTION

**GENERAL CONSTRUCTION NOTES APPLY TO ALL WORK HEREIN:**

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CALL 811 "DIG SAFELY" (1-800-962-7962) TO HAVE UNDERGROUND UTILITIES LOCATED. EXPLORATORY EXCAVATIONS SHALL COMPLY WITH CODE 753 REQUIREMENTS. NO WORK SHALL COMMENCE UNTIL ALL THE OPERATORS HAVE NOTIFIED THE CONTRACTOR THAT THEIR UTILITIES HAVE BEEN LOCATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION, INsofar AS THEY MAY BE ENDANGERED BY THE CONTRACTOR'S OPERATIONS. THIS SHALL HOLD TRUE, WHETHER OR NOT THEY ARE SHOWN ON THE CONTRACT DRAWINGS. IF THEY ARE SHOWN ON THE DRAWINGS, THEIR LOCATIONS ARE NOT GUARANTEED EVEN THOUGH THE INFORMATION WAS OBTAINED FROM THE BEST AVAILABLE SOURCES, AND IN ANY EVENT, OTHER UTILITIES ON THESE PLANS MAY BE ENCOUNTERED IN THE FIELD. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, IMMEDIATELY REPAIR OR REPLACE ANY STRUCTURES OR UTILITIES THAT HE DAMAGES, AND SHALL CONSTANTLY PROCEED WITH CAUTION TO PREVENT UNDUE INTERRUPTION OF UTILITY SERVICE.
- CONTRACTOR SHALL HAND DIG TEST PITS TO VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL VERIFY EXISTING UTILITIES DEPTHS AND ADVISE OF ANY CONFLICTS WITH PROPOSED UTILITIES. IF CONFLICTS ARE PRESENT, THE OWNER'S FIELD REPRESENTATIVE, JMC, PLLC AND THE APPLICABLE MUNICIPALITY OR AGENCY SHALL BE NOTIFIED IN WRITING. THE EXISTING/PROPOSED UTILITIES RELOCATION SHALL BE DESIGNED BY JMC, PLLC.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL LOCAL PERMITS REQUIRED.
- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL SAFETY CODES. APPLICABLE SAFETY CODES MEAN THE LATEST EDITION INCLUDING ANY AND ALL AMENDMENTS, REVISIONS, AND ADDITIONS THERETO, TO THE FEDERAL DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S OCCUPATIONAL SAFETY AND HEALTH STANDARDS (OSHA), AND APPLICABLE SAFETY, HEALTH REGULATIONS AND BUILDING CODES FOR CONSTRUCTION IN THE STATE OF NEW YORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUARDING AND PROTECTING ALL OPEN EXCAVATIONS IN ACCORDANCE WITH THE PROVISION OF SECTION 107-05 (SAFETY AND HEALTH REQUIREMENTS) OF THE NYS DOT STANDARD SPECIFICATIONS. IF THE CONTRACTOR PERFORMS ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTION SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE APPROVAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AFFECTED BY THE SCOPE OF WORK SHOWN HEREON AT ALL TIMES TO THE SATISFACTION OF THE OWNERS REPRESENTATIVE. RAMPING CONSTRUCTION TO PROVIDE ACCESS MAY BE CONSTRUCTED WITH SUBBASE MATERIAL EXCEPT THAT TEMPORARY ASPHALT CONCRETE SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE PEDESTRIAN ACCESS AT ALL TIMES.
- CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING PAVEMENT TO REMAIN.

NOT FOR CONSTRUCTION

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LEGEND	
	EXISTING PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING EASEMENT LINE
	MISCELLANEOUS BOUNDARIES AND LABELS
	EXISTING WETLAND LINE AND DELINEATION
	EXISTING WATERCOURSE LINE
	EXISTING BUILDING OVERHANG
	EXISTING BUILDING LINE
	EXISTING PAVEMENT EDGE
	EXISTING CURB LINE
	EXISTING MINOR CONTOUR
	EXISTING INDEX CONTOUR
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING PAVERS STONE
	EXISTING GRAVEL
	EXISTING FENCE
	EXISTING DIRECTIONAL ARROWS
	EXISTING PAINT
	EXISTING PARKING WITH NUMBER OF SPACES
	EXISTING HANDICAP PARKING WITH NUMBER OF SPACES
	EXISTING PEDESTRIAN CROSSING
	EXISTING STORM DRAIN LINE AND SIZE
	EXISTING SANITARY LINE, SIZE AND FLOW DIRECTION
	EXISTING WATER LINE
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD WIRES
	EXISTING DRAIN INLET
	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING LIGHT WALL MOUNTED
	EXISTING SIGN
	EXISTING BUILDING ENTRANCE
	EXISTING BOLLARD

NOTES:  
1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "SITE DEVELOPMENT PLAN FOR EXPANSION," PREPARED BY JAY A. GREENWELL, PLS, LLC, DATED 08/04/2022.

By

Date

03/31/2023

05/02/2023

10/23/2023

Revision

1. REVISED PER PRC COMMENTS

2. REVISED PER TOWN COMMENTS

3. REVISED PER TOWN COMMENTS

No.

1.

2.

3.

APPLICANT/OWNER

RAWLAND HOLDINGS, LLC

96 FRENEAU AVENUE

MATAMORA, NEW JERSEY 07747

ARCHITECT

MICHELLE DROLETTE ARCHITECT, LLC

129 EAST HIGH STREET

HELLETTOWN, PA 18055

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

JMC Site Development Consultants, LLC

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120 BEDFORD ROAD • BRIDGEVIEW, NY 10504

voice 914.273.5225 • fax 914.273.2102

www.jmcpellc.com

EXISTING CONDITIONS PLAN

DATA CENTER BUILDING EXPANSION

TOWN OF ORANGETOWN, NEW YORK

State of New York

Professional Engineer

13016

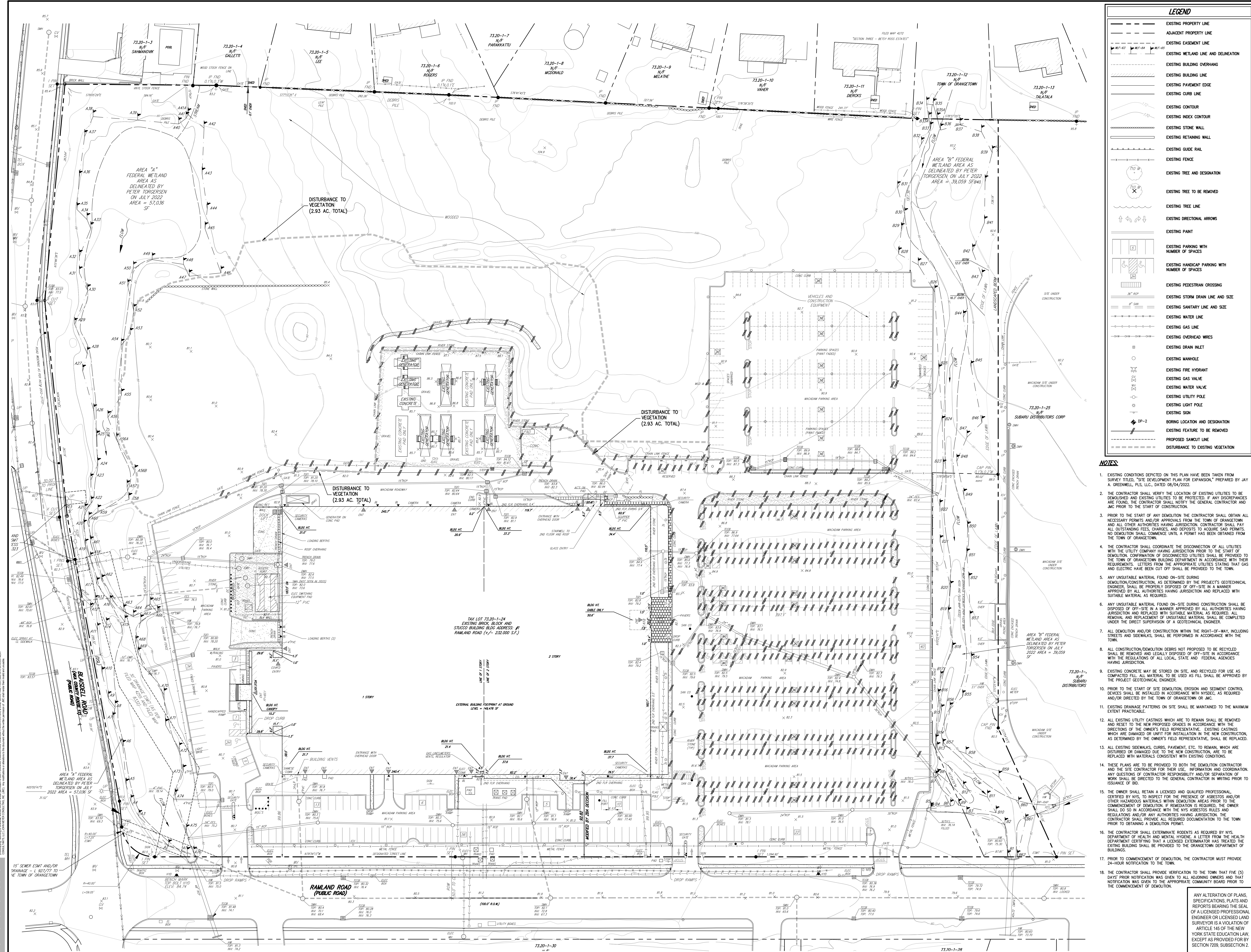
10/18/2022

13016

C-010

EXST

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.



LEGEND	
	EXISTING PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING EASEMENT LINE
	EXISTING WETLAND LINE AND DELINEATION
	EXISTING BUILDING OVERHANG
	EXISTING BUILDING LINE
	EXISTING PAVEMENT EDGE
	EXISTING CURB LINE
	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING GUIDE RAIL
	EXISTING FENCE
	EXISTING TREE AND DESIGNATION
	EXISTING TREE TO BE REMOVED
	EXISTING TREE LINE
	EXISTING DIRECTIONAL ARROWS
	EXISTING PAINT
	EXISTING PARKING WITH NUMBER OF SPACES
	EXISTING HANDICAP PARKING WITH NUMBER OF SPACES
	EXISTING PEDESTRIAN CROSSING
	EXISTING STORM DRAIN LINE AND SIZE
	EXISTING SANITARY LINE AND SIZE
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD WIRES
	EXISTING DRAIN INLET
	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING SIGN
	BORING LOCATION AND DESIGNATION
	EXISTING FEATURE TO BE REMOVED
	PROPOSED SAWCUT LINE
	DISTURBANCE TO EXISTING VEGETATION

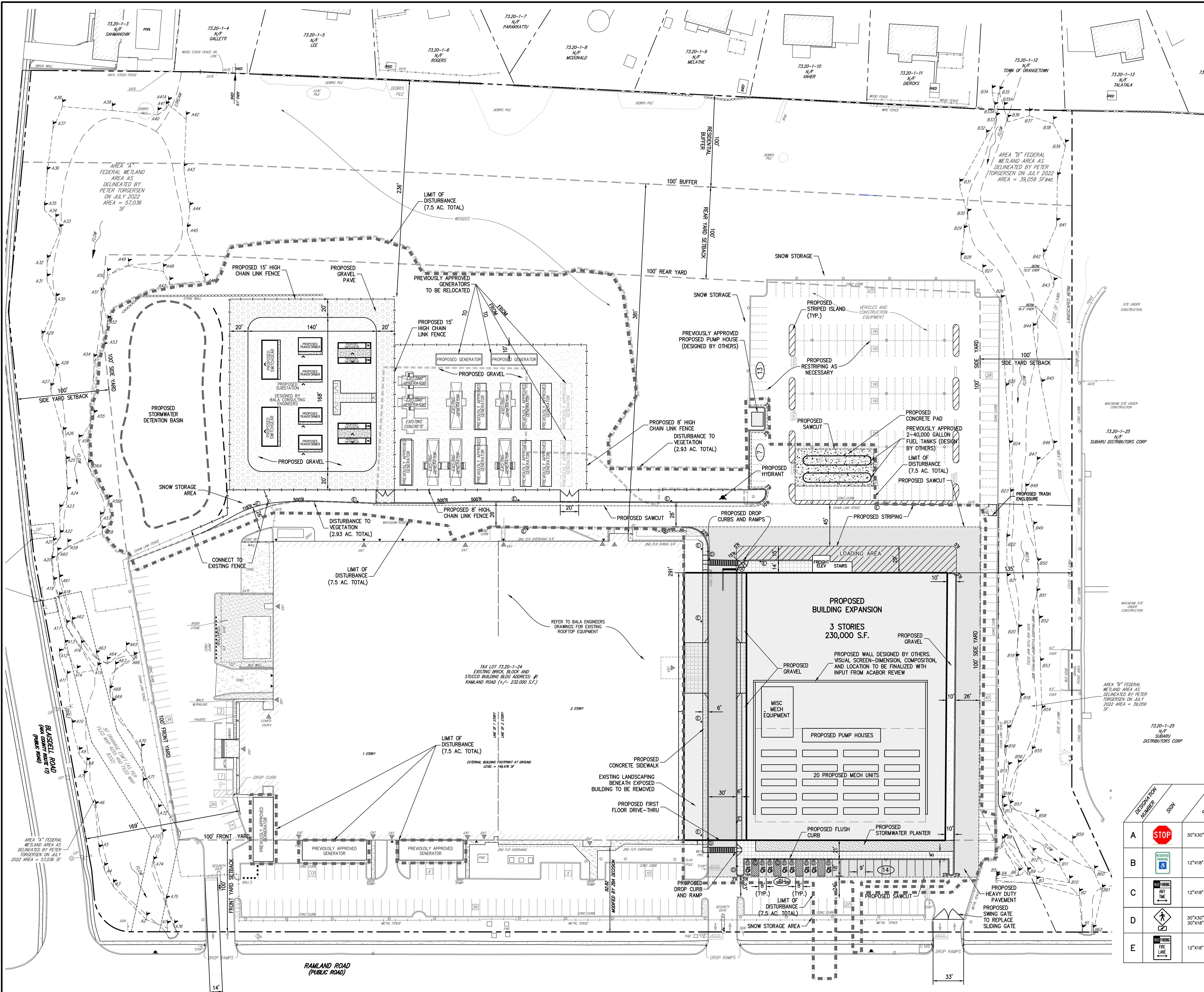
NOTES:

- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLE, "SITE DEVELOPMENT PLAN FOR EXPANSION," PREPARED BY A.J. GREENWALD, INC., DATED 08/04/2022.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES TO BE DISCONNECTED AND PROTECT THEM FROM DAMAGE. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR AND JACOBI ENGINEERING, INC. IMMEDIATELY.
- FROM THE START OF ANY DEMOLITION THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND/OR APPROVALS FROM THE TOWN OF ORANGEWATER AND ALL OTHER AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, CHARGES, AND COSTS. NO DEMOLITION SHALL COMMENCE UNTIL A PERMIT HAS BEEN OBTAINED FROM THE TOWN OF ORANGEWATER.
- THE CONTRACTOR SHALL COORDINATE THE DISCONNECTION OF ALL UTILITIES TO BE DISCONNECTED. ANY DISCONNECTION, HAVING JURISDICTION FROM THE TOWN OF ORANGEWATER, COORDINATION OF DISCONNECTED UTILITIES SHALL BE PROVIDED TO THE TOWN OF ORANGEWATER. LETTERS FROM THE APPROPRIATE UTILITIES STATING THAT GAS AND ELECTRIC HAVE BEEN CUT OFF SHALL BE PROVIDED TO THE TOWN.
- ANY UNSUITABLE MATERIAL FOUND ON-SITE DURING DEMOLITION SHALL BE REMOVED AND DISPOSED OF AT THE PROJECT'S GEOLOGICAL ENGINEER, SHALL BE PROPERLY DISPOSED OF OFF-SITE IN A MANNER APPROVED BY ALL AUTHORITIES HAVING JURISDICTION AND REPLACED WITH FILL MATERIAL AS REQUIRED.
- ANY UNSUITABLE MATERIAL FOUND ON-SITE DURING CONSTRUCTION SHALL BE DISPOSED OF OFF-SITE IN A MANNER APPROVED BY ALL AUTHORITIES HAVING JURISDICTION AND REPLACED WITH SUITABLE MATERIAL AS REQUIRED. ALL MATERIALS TO BE REMOVED OR DISPOSED OF OFF-SITE SHALL BE COORDINATED UNDER THE DIRECT SUPERVISION OF A GEOLOGICAL ENGINEER.
- ALL DEMOLITION AND/OR CONSTRUCTION WITHIN THE RIGHT-OF-WAY, INCLUDING STREETS AND SIDEWALKS, SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF ORANGEWATER.
- ALL CONSTRUCTION/DEMOLITION DEBRIS NOT PROPOSED TO BE RECYCLED SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE IN ACCORDANCE WITH THE REGULATIONS OF ALL LOCAL, STATE AND FEDERAL AGENCIES HAVING JURISDICTION.
- EXISTING CONCRETE MAY BE STORED ON SITE, AND RECYCLED FOR USE AS COMPACTED FILL. ALL MATERIAL TO BE USED AS FILL SHALL BE APPROVED BY THE PROJECT GEOLOGICAL ENGINEER.
- FROM THE START OF SITE DEMOLITION, EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH, AS REQUIRED, AND/OR DIRECTED BY THE TOWN OF ORANGEWATER OR JACOBI.
- EXISTING DRAINAGE PATTERNS ON SITE SHALL BE MAINTAINED TO THE MAXIMUM EXTENT PRACTICABLE.
- ALL EXISTING UTILITY CASTINGS WHICH ARE TO REMAIN SHALL BE REMOVED FROM THE NEW PAVEMENT. NEW PAVEMENT SHALL BE PLACED IN THE DIRECTIONS OF THE OWNER'S FIELD REPRESENTATIVE. EXISTING CASTINGS WHICH ARE DAMAGED OR UNFIT FOR INSTALLATION IN THE NEW CONSTRUCTION, AS REQUIRED BY THE OWNER, SHALL BE REMOVED AND REPLACED WITH NEW CASTINGS.
- ALL EXISTING SIDEWALKS, CURBS, ETC., PAYMENT, ETC. TO REMAIN, WHICH ARE DISTURBED OR DAMAGED DUE TO THE NEW CONSTRUCTION, ARE TO BE REPLACED WITH MATERIALS CONSISTENT WITH EXISTING CONDITIONS.
- THESE PLANS ARE TO BE PROVIDED TO BOTH THE DEMOLITION CONTRACTOR AND THE CONSTRUCTION CONTRACTOR FOR COORDINATION AND COOPERATION. ANY QUESTIONS OF CONTRACTOR RESPONSIBILITY AND/OR SEPARATION OF WORK SHALL BE DIRECTED TO THE GENERAL CONTRACTOR IN WRITING PRIOR TO INSTALLATION.
- THE OWNER SHALL RETAIN A LICENSED AND QUALIFIED PROFESSIONAL, CERTIFIED BY NYS, TO INSPECT FOR THE PRESENCE OF ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS WITHIN DEMOLITION AREAS PRIOR TO THE DEMOLITION. THE OWNER SHALL PROVIDE THE ASBESTOS TESTS. THE OWNER SHALL DO SO IN ACCORDANCE WITH THE NYS ASBESTOS RULES AND REGULATIONS AND/OR ANY AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY DOCUMENTATION TO THE TOWN PRIOR TO OBTAINING A DEMOLITION PERMIT.
- THE CONTRACTOR SHALL EXTERMINATE RODENTS AS REQUIRED BY NYS. THE CONTRACTOR SHALL PROVIDE A LETTER FROM A LICENSED PEST CONTROL SPECIALIST CERTIFYING THAT A LICENSED EXTERMINATOR HAS TREATED THE EXISTING BUILDING SHALL BE PROVIDED TO THE ORANGEWATER TOWN DEPARTMENT OF BUILDINGS.
- FROM THE COMMENCEMENT OF DEMOLITION, THE CONTRACTOR MUST PROVIDE 24-HOUR NOTIFICATION TO THE TOWN.
- THE CONTRACTOR SHALL PROVIDE VERIFICATION TO THE TOWN THAT FIVE (5) DAYS' PRIOR NOTIFICATION WAS GIVEN TO ALL ADJOINING OWNERS AND THAT THE TOWN HAS BEEN GIVEN THE APPROPRIATE COMMUNITY SPOIL PRIOR TO THE COMMENCEMENT OF DEMOLITION.

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

		<b>JMC Planning, Engineering, Landscape Architecture &amp; Land Surveying, PLLC</b> <b>JMC Site Development Consultants, LLC</b> <u>John Meyer Consulting, Inc.</u> 120 BEDFORD ROAD • ARMONK, NY 10504 voice 914.273.5235 • fax 914.273.2102 <a href="http://www.jmcpllc.com">www.jmcpllc.com</a>	
		<b>DEMOLITION PLAN</b>  <b>DATA CENTER BUILDING EXPANSION</b> 1 RAMLAND ROAD TOWN OF ORANGE TOWN, NEW YORK	
		STATE OF NEW YORK COUNTY OF ORANGE OFFICE OF THE CLERK	
Drawn	RR	Approved	BD
Scale:	1" = 30'		
Date:	10/18/2022		
Project No:	13016		
Drawn By:	DDM	DDM	DDM

C-020



**LEGEND**

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING SETBACK LINE
- EXISTING WETLAND LINE AND DELINEATION
- EXISTING WATERCOURSE BOUNDARY
- EXISTING BUILDING OVERHANG
- EXISTING BUILDING LINE
- EXISTING PAVEMENT EDGE
- EXISTING CURB LINE
- EXISTING STONE WALL
- EXISTING RETAINING WALL
- EXISTING FENCE
- EXISTING TREE LINE
- EXISTING PAINT
- EXISTING PARKING WITH NUMBER OF SPACES
- EXISTING HANDICAP PARKING WITH NUMBER OF SPACES
- EXISTING PEDESTRIAN CROSSING
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING SIGN
- PROPOSED BUILDING LINE
- PROPOSED CONCRETE CURB
- PROPOSED DROP CURB & RAMP (DET 25)
- PROPOSED SAWCUT LINE
- PROPOSED HANDICAPPED PARKING SPACES WITH NUMBER OF SPACES INDICATED
- PROPOSED PARKING SPACES WITH NUMBER OF SPACES INDICATED
- PROPOSED 12" WIDE WHITE STOP LINE
- PROPOSED PEDESTRIAN CROSSING
- PROPOSED RETAINING WALL (DESIGN BY OTHERS)
- PROPOSED CONCRETE SIDEWALK
- PROPOSED MONOLITHIC CONCRETE SIDEWALK & CURB
- PROPOSED DROP CURB AND RAMP
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED CONCRETE PAD
- PROPOSED GRAVEL
- PROPOSED GRAVEL PAVE
- PROPOSED LANDSCAPED AREA
- PROPOSED RELOCATED CHAIN LINK FENCE
- TRAFFIC SIGN LOCATION & DESIGNATION
- PROPOSED TREES
- DISTURBANCE TO EXISTING VEGETATION

- NOTES:**
- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY ENTITLED, "SITE DEVELOPMENT PLAN FOR EXPANSION", PREPARED BY JAY A. GREENWELL, PLS, LLC, DATED 08/04/2022.
  - AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF ANY WORK, INCLUDING THE INSTALLATION OF EROSION CONTROL DEVICES OR THE REMOVAL OF TREES AND VEGETATION, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ENGINEERING, SUPERINTENDENT OF HIGHWAYS AND THE OFFICE OF BUILDING, ZONING AND PLANNING ADMINISTRATION AND ENFORCEMENT. IT IS THE RESPONSIBILITY AND THE OBLIGATION OF THE PROPERTY OWNER TO ARRANGE SUCH A MEETING.
  - EXISTING FENCING DEPICTED ON THIS PLAN HAS BEEN TAKEN FROM DRAWING ENTITLED, "SITE LAYOUT" PREPARED BY SERVICE WORKS INC. DATED 10/07/2014.

**SIGN TABLE**

DESIGNATION NUMBER	SIGN	SIZE	DESCRIPTION	MONITORING TYPE	MONITORING HEIGHT	REQUIREMENT	RECORDED
A	STOP	30"x30"	WHITE ON RED	STEEL CHANNEL	7'-0"	R1-1	X
B	PERMITTED TURN	12"x18"	GREEN & BLUE ON WHITE	STEEL CHANNEL	7'-0"	R7-8	X
C	NO PARKING	12"x18"	RED ON WHITE	STEEL CHANNEL	7'-0"	NYP1-2	X
D	PEDESTRIAN	30"x30" 30"x18"	BLACK ON YELLOW	STEEL CHANNEL	7'-0"	W11-2 W16-7P	X
E	NO PARKING	12"x18"	RED ON WHITE	STEEL CHANNEL	7'-0"	NYP1-2 (MODIFIED)	X

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Drawn: RR Approved: BD  
Scale: 1" = 40'  
Date: 10/18/2022  
Project No: 13016  
Drawing No: C-100  
**C-100**

**APPLICANT/OWNER:** RAWLAND HOLDINGS, LLC  
96 FRENEAU AVENUE  
MATAMoras, NEW JERSEY 07747

**ARCHITECT:** MICHELLE DROLETTE ARCHITECT, LLC  
129 EAST HIGH STREET  
HELLETTOWN, PA 18055

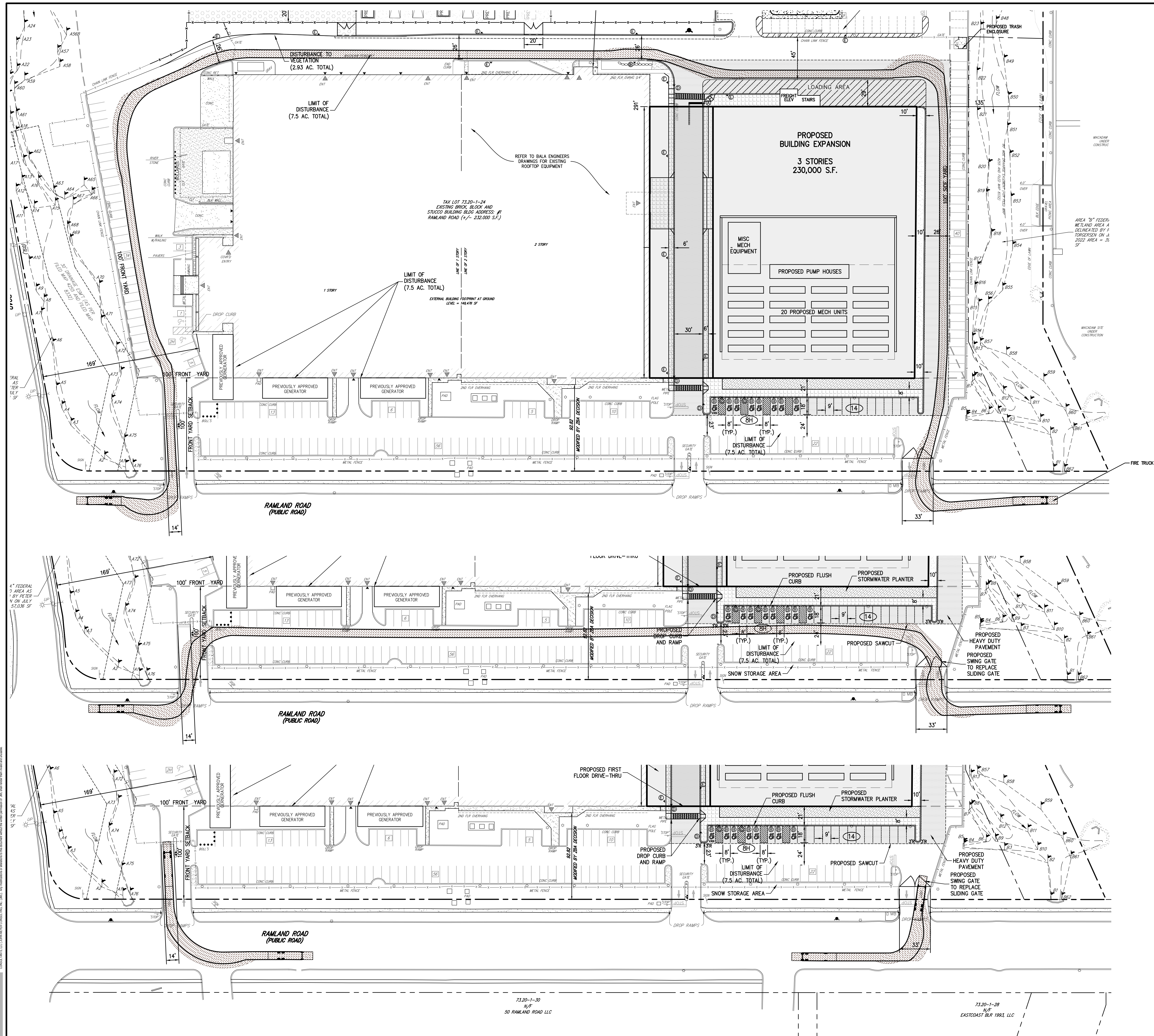
**JMC**

**LAYOUT PLAN**

**DATA CENTER BUILDING EXPANSION**

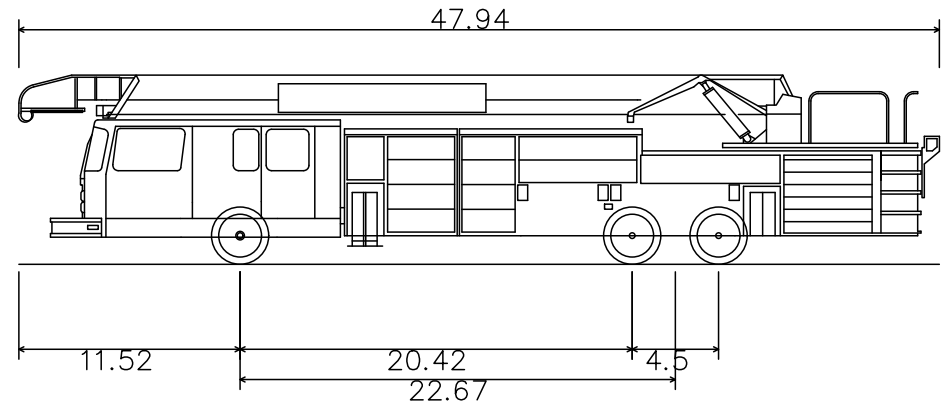
1 RAWLAND ROAD  
TOWN OF ORANGETOWN, NEW YORK

STATE OF NEW YORK  
JAY A. GREENWELL  
REGISTERED PROFESSIONAL SURVEYOR

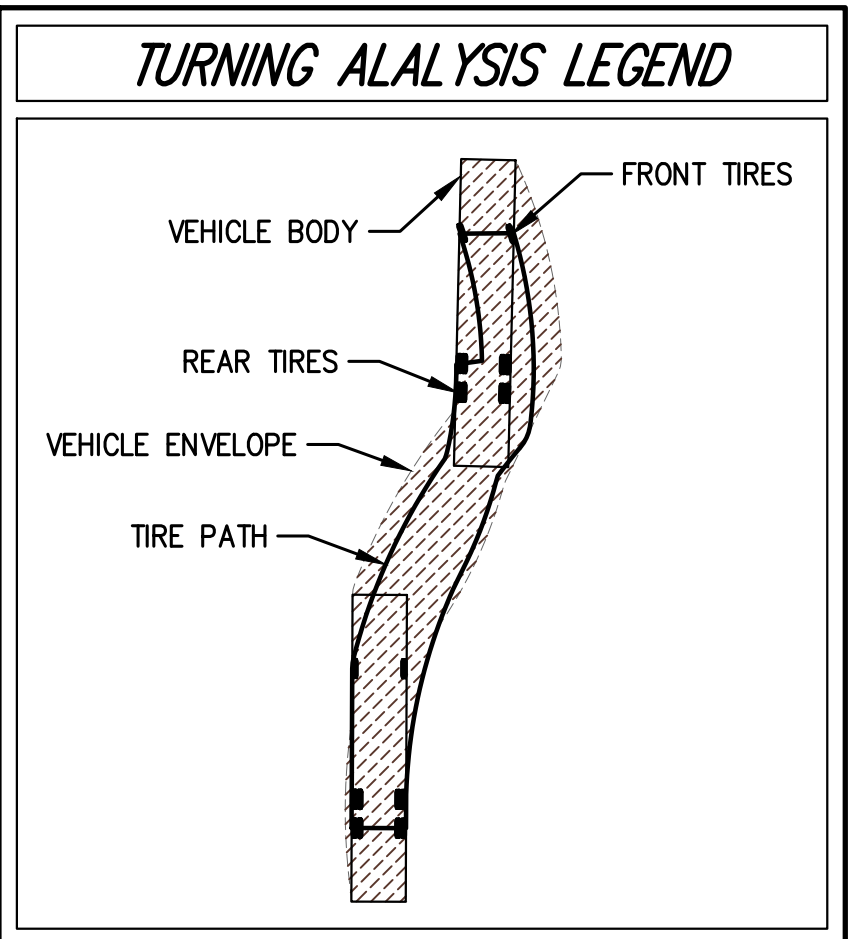


	EXISTING PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING SETBACK LINE
	EXISTING MET/LAND LINE AND DELINEATION
	EXISTING WATERCOURSE BOUNDARY
	EXISTING BUILDING OVERHANG
	EXISTING BUILDING LINE
	EXISTING PAVEMENT EDGE
	EXISTING CURB LINE
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING FENCE
	EXISTING TREE LINE
	EXISTING PAINT
	EXISTING PARKING WITH NUMBER OF SPACES
	EXISTING HANDICAP PARKING WITH NUMBER OF SPACES
	EXISTING PEDESTRIAN CROSSING
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING SIGN
	PROPOSED BUILDING LINE
	PROPOSED CONCRETE CURB
	PROPOSED DROP CURB & RAMP (DET 25)
	PROPOSED SAWNOT LINE
	PROPOSED HANDICAPPED PARKING SPACES WITH NUMBER OF SPACES INDICATED
	PROPOSED PARKING SPACES WITH NUMBER OF SPACES INDICATED
	PROPOSED 12" WIDE WHITE STOP LINE
	PROPOSED PEDESTRIAN CROSSING
	PROPOSED RETAINING WALL (DESIGN BY OTHERS)
	PROPOSED CONCRETE SIDEWALK
	PROPOSED MONOLITHIC CONCRETE SIDEWALK & CURB
	PROPOSED DROP CURB AND RAMP
	PROPOSED HEAVY DUTY PAVEMENT
	PROPOSED CONCRETE PAD
	PROPOSED GRAVEL
	PROPOSED GRAVEL PAVE
	PROPOSED LANDSCAPED AREA
	PROPOSED RELOCATED CHAIN LINK FENCE
	TRAFFIC SIGN LOCATION & DESIGNATION
	PROPOSED TREES
	DISTURBANCE TO EXISTING VEGETATION

1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM



Copy of 2001 Spartan Fire Truck - 47FT	
Overall Length	47.940ft
Overall Width	8.500ft
Overall Body Height	9.851ft
Min Body Ground Clearance	0.950ft
Track Width	8.500ft
Lock-to-lock time	6.00s.
Max Wheel Angle	45.00°



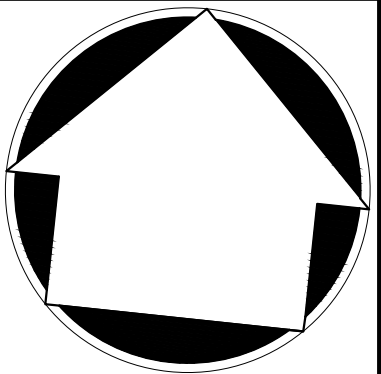
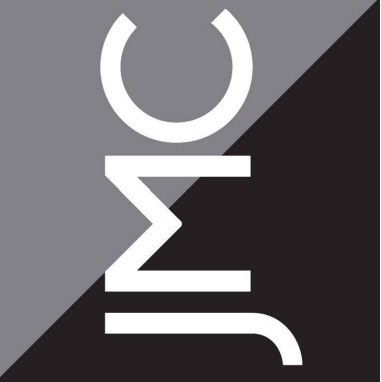
ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

No.	Revision	Date	By
1.	REVISED PER PRC COMMENTS	03/31/2023	BD
2.	REVISED PER TOWN COMMENTS	09/02/2023	RR
3.	REVISED PER TOWN COMMENTS	10/23/2023	RR
<i>Previous Editions Obsolete</i>			

APPLICANT/TOWNER: **RAMLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAWAN, NEW JERSEY 07747

ARCHITECT: **MICHELLE DROLETTE ARCHITECT, LLC**  
129 EAST HIGH STREET  
HELLERTOWN, PA 18055

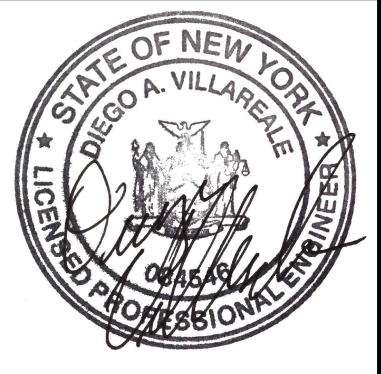
**JMC Planning, Engineering, Landscape  
Architecture & Land Surveying, PLLC**  
**JMC Site Development Consultants, LLC**  
John Meyer Consulting, Inc.  
220 BEDFORD ROAD • ARMONK, NY 10504  
voice 914.273.5225 • fax 914.273.2102  
[www.jmcpllc.com](http://www.jmcpllc.com)



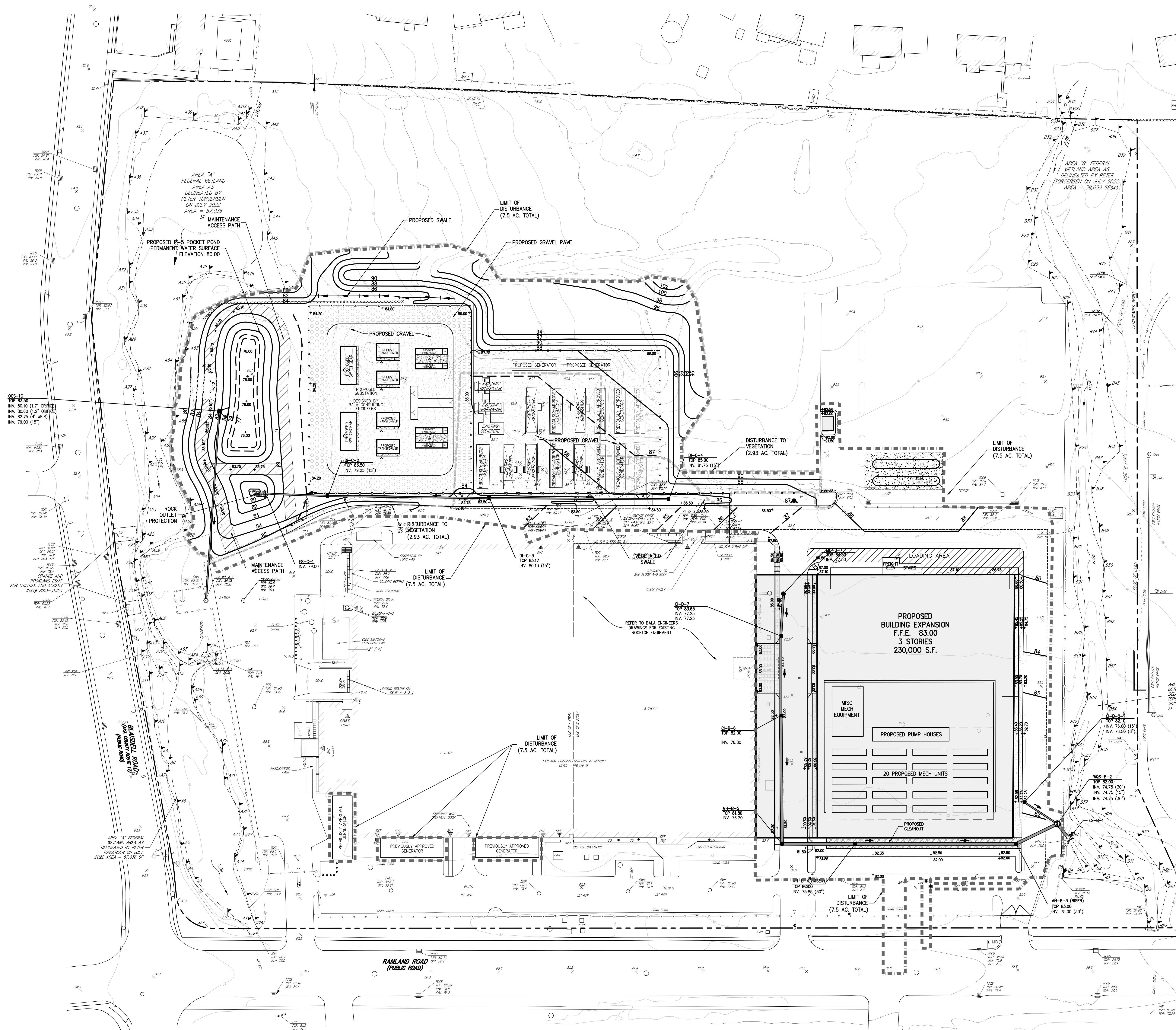
FIRE TRUCK  
ACCESS PLAN

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DATA CENTER BUILDING EXPANSION  
1 RAMLAND ROAD  
TOWN OF ORANGETOWN, NEW YORK



Drawn: RR	Approved: BD
Scale: 1" = 40'	
Date: 10/18/2022	
Project No: 13016	
13016-LAYOUT	FIRETRUCK.scr
Drawing No: C-110	



LEGEND	
	EXISTING PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING EASEMENT LINE
	EXISTING WETLAND LINE AND DELINEATION
	EXISTING BUILDING OVERHANG
	EXISTING BUILDING LINE
	EXISTING PAVEMENT EDGE
	EXISTING CURB LINE
	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING FENCE
	EXISTING DRAIN INLET
	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING UTILITY POLE
	EXISTING SIGN
	PROPOSED BUILDING LINE
	PROPOSED CONCRETE CURB
	PROPOSED GRAVEL
	PROPOSED GRAVEL PAVE
	PROPOSED CONCRETE SIDEWALK
	PROPOSED DROP CURB AND RAMP
	PROPOSED FINISHED GRADE
	PROPOSED SPOT GRADE
	PROPOSED TYPE D DRAIN INLET
	PROPOSED WATER QUALITY STRUCTURE
	PROPOSED OUTLET CONTROL STRUCTURE
	PROPOSED RETAINING WALL (DESIGN BY OTHERS)
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED MAINTENANCE ACCESS PATH
	DISTURBANCE TO EXISTING VEGETATION

- NOTES:**
- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY ENTITLED, "SITE DEVELOPMENT PLAN FOR EXPANSION," PREPARED BY JAY A. GREENWELL, PLS, L.L.C., DATED 08/04/2022.
  - WETLAND DELINEATION DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY ENTITLED, "SITE DEVELOPMENT PLAN FOR EXPANSION," PREPARED BY JAY A. GREENWELL, PLS, L.L.C., DATED 08/04/2022.

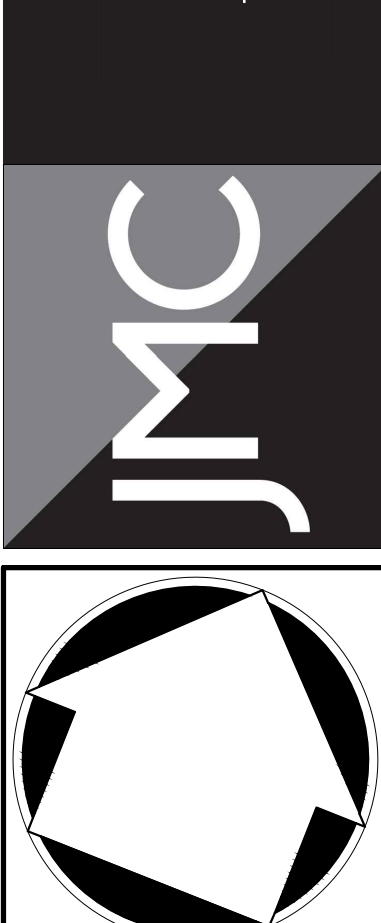
RETAINING WALL SPOT GRADE LEGEND	
	(PROPOSED GRADE)
	EG
	FG
	FG

Revision	
No.	By
1.	REVISED PER PRC COMMENTS
2.	REVISED PER TOWN COMMENTS
3.	REVISED PER TOWN COMMENTS

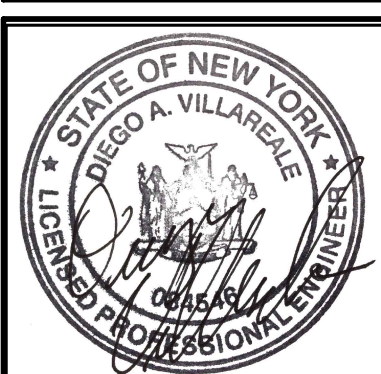
APPLICANT/OWNER  
**RAWLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAMOROS, NEW JERSEY 07747

ARCHITECT  
**MICHELLE DROLETTE ARCHITECT, LLC**  
129 HIGH STREET  
HELLETTOWN, PA 18055

JMC Planning, Engineering, Landscape  
Architecture & Land Surveying, PLLC  
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120 BEDFORD ROAD • WESTPORT, NY 05594  
VOICE 914.273.5225 • FAX 914.273.2102  
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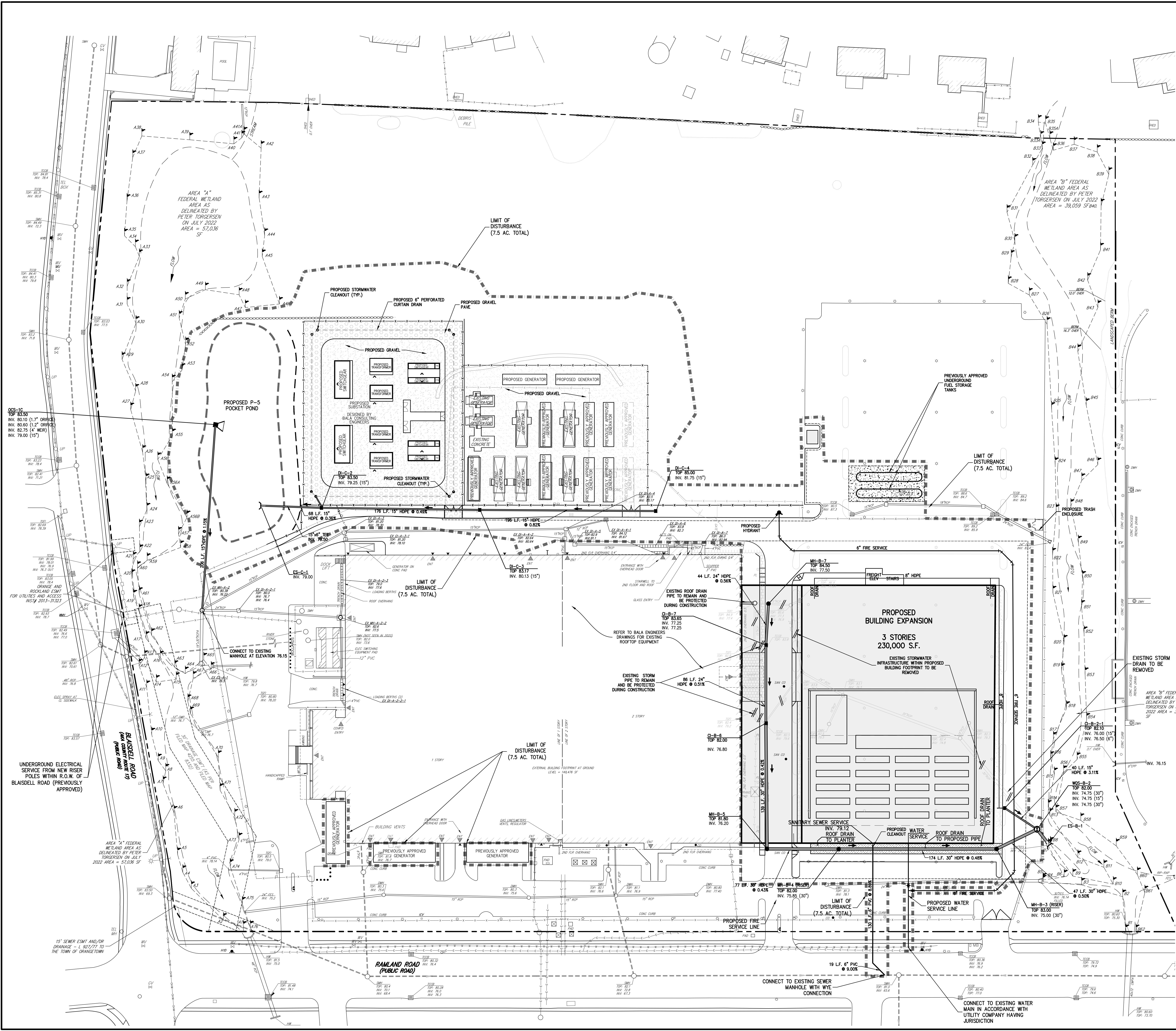
**GRADING PLAN**  
**DATA CENTER BUILDING EXPANSION**  
1 RAWLAND ROAD  
TOWN OF ORANGETOWN, NEW YORK



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Scale: 1" = 40'  
Date: 10/18/2022  
Project No: 13016  
Drawing No: GRADING  
C-200

NOT FOR CONSTRUCTION

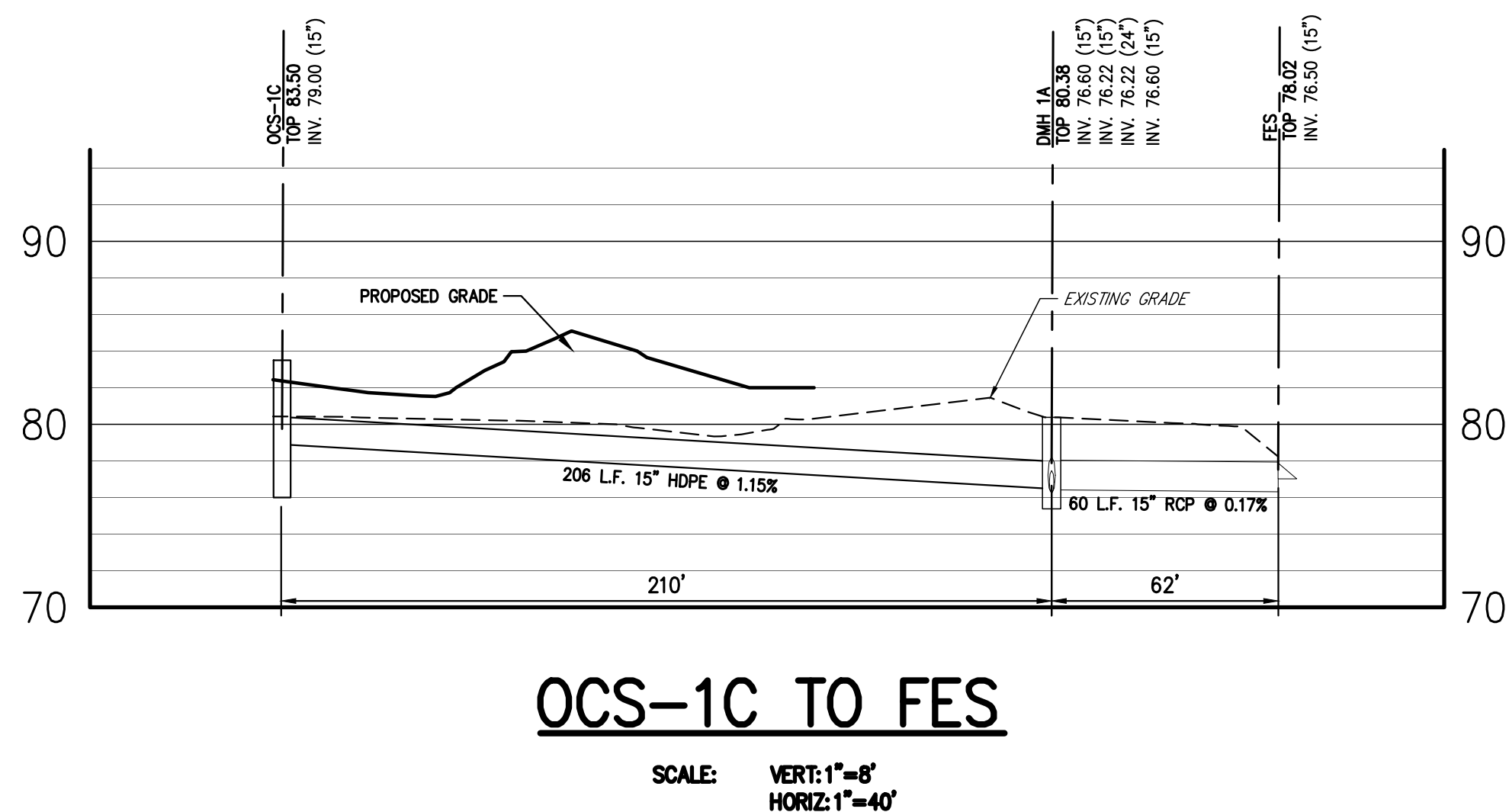
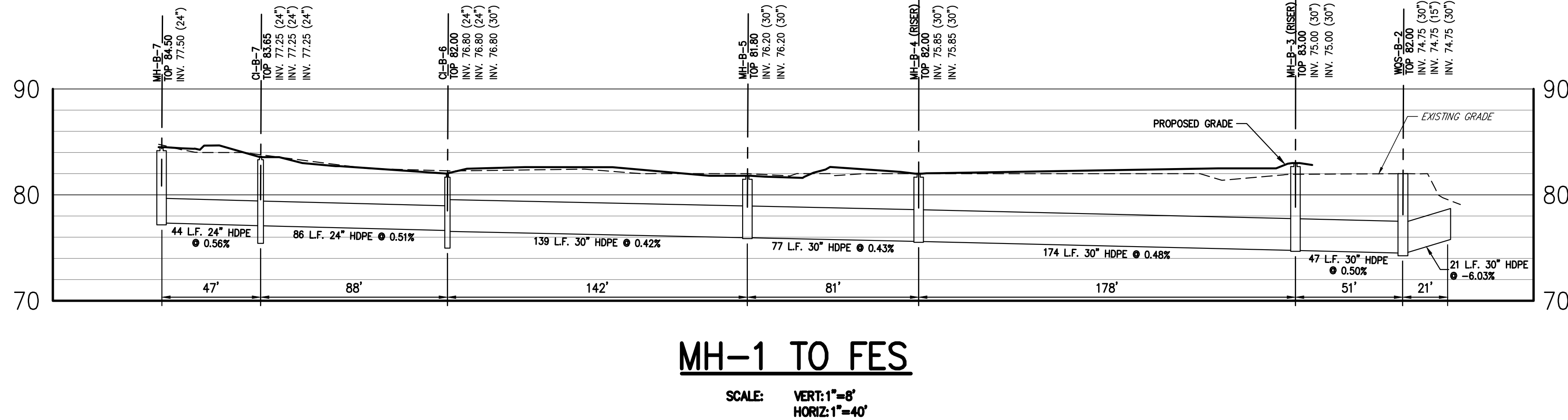
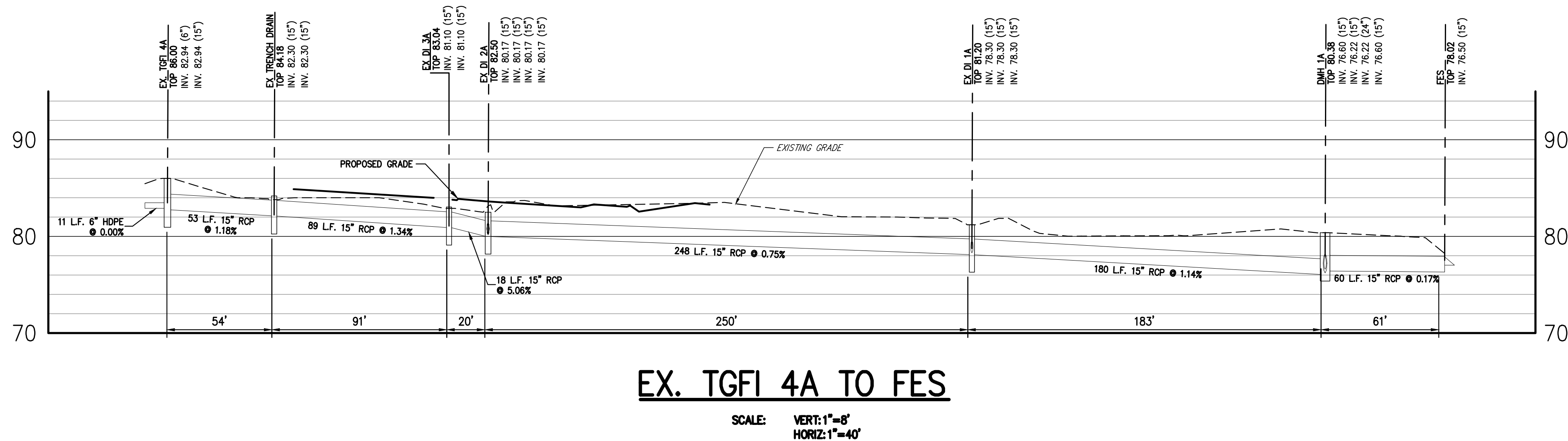
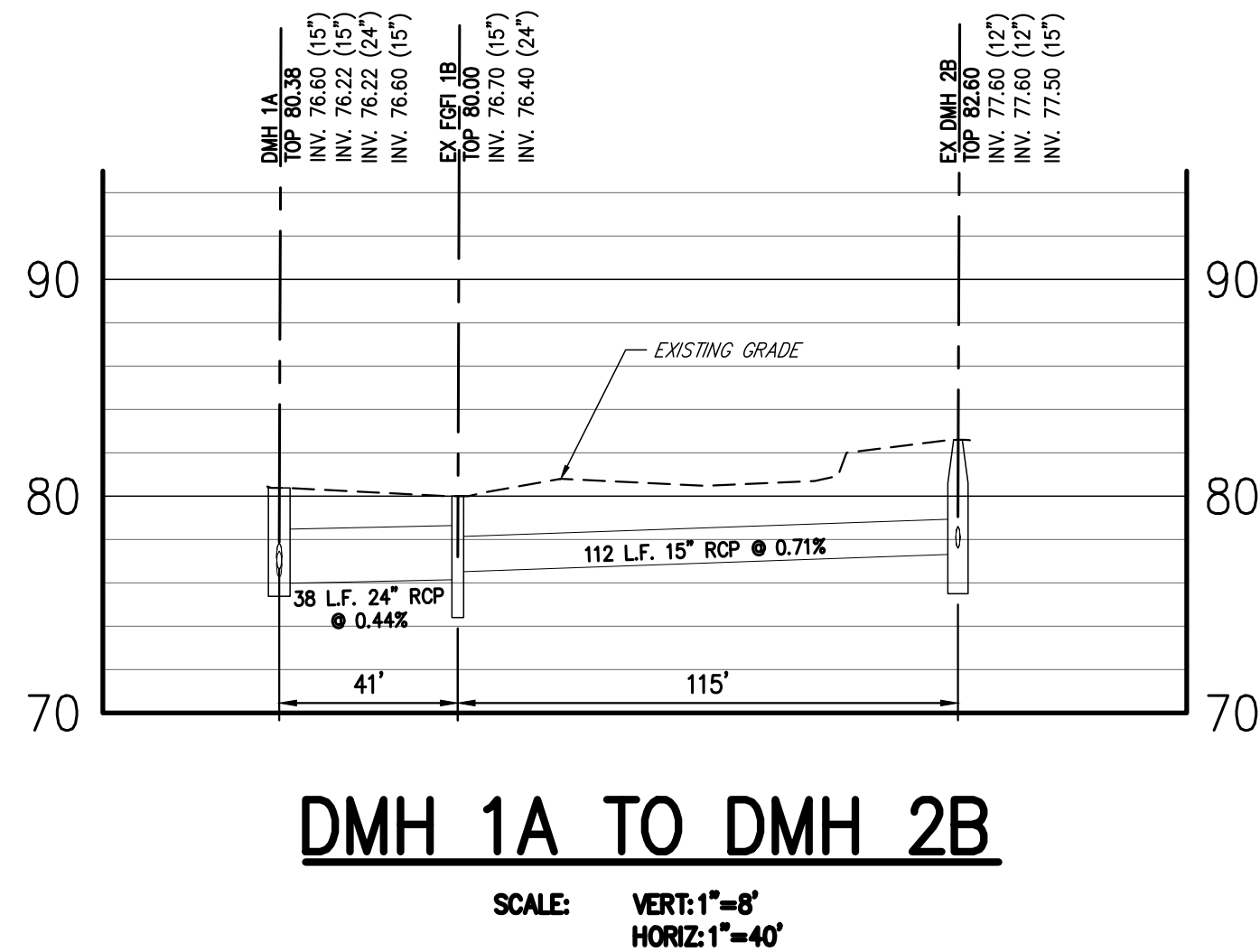
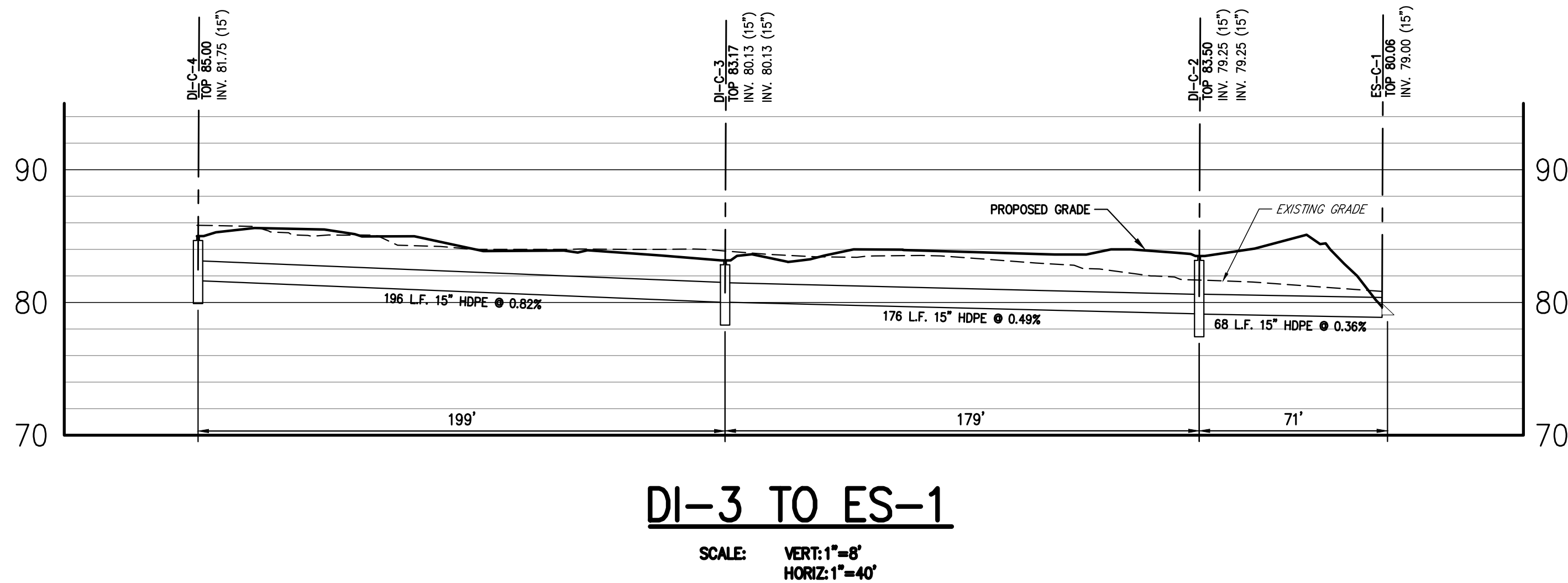


**LEGEND**

[Symbol]	EXISTING PROPERTY LINE
[Symbol]	ADJACENT PROPERTY LINE
[Symbol]	EXISTING EASEMENT LINE
[Symbol]	EXISTING WETLAND LINE AND DELINEATION
[Symbol]	EXISTING BUILDING OVERHANG
[Symbol]	EXISTING BUILDING LINE
[Symbol]	EXISTING PAVEMENT EDGE
[Symbol]	EXISTING CURB LINE
[Symbol]	EXISTING CONTOUR
[Symbol]	EXISTING INDEX CONTOUR
[Symbol]	EXISTING STONE WALL
[Symbol]	EXISTING RETAINING WALL
[Symbol]	EXISTING FENCE
[Symbol]	EXISTING STORM DRAIN LINE AND SIZE
[Symbol]	EXISTING SANITARY LINE AND SIZE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING GAS LINE
[Symbol]	EXISTING OVERHEAD WIRES
[Symbol]	EXISTING DRAIN INLET
[Symbol]	EXISTING MANHOLE
[Symbol]	EXISTING FIRE HYDRANT
[Symbol]	EXISTING GAS VALVE
[Symbol]	EXISTING WATER VALVE
[Symbol]	EXISTING UTILITY POLE
[Symbol]	EXISTING LIGHT POLE
[Symbol]	EXISTING SIGN
[Symbol]	PROPOSED BUILDING LINE
[Symbol]	PROPOSED CONCRETE CURB
[Symbol]	PROPOSED GRAVEL
[Symbol]	PROPOSED GRAVEL PAVE
[Symbol]	PROPOSED CONCRETE SIDEWALK
[Symbol]	PROPOSED DROP CURB AND RAMP
[Symbol]	PROPOSED STORM DRAIN MANHOLE
[Symbol]	PROPOSED TYPE DI DRAIN INLET
[Symbol]	PROPOSED END SECTION
[Symbol]	PROPOSED WATER QUALITY STRUCTURE
[Symbol]	PROPOSED OUTLET CONTROL STRUCTURE
[Symbol]	PROPOSED CLEANOUT
[Symbol]	PROPOSED STORM DRAIN LINE & SIZE
[Symbol]	PROPOSED 6" PERFORATED PIPE
[Symbol]	PROPOSED SANITARY SEWER LINE
[Symbol]	PROPOSED WATER LINE
[Symbol]	PROPOSED RETAINING WALL (DESIGN BY OTHERS)
[Symbol]	RELOCATED LIGHT
[Symbol]	EXISTING FEATURE TO BE REMOVED

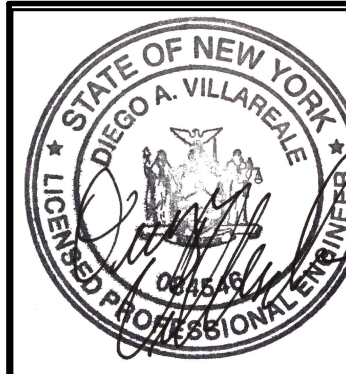
- NOTES:**
- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY ENTITLED, "SITE DEVELOPMENT PLAN FOR EXPANSION," PREPARED BY JAY A. GREENWALD, P.E., DATED 08/04/2022.
  - UNLESS OTHERWISE SPECIFIED, PIPE FOR STORM DRAINS SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH A SMOOTH INTERIOR AND ANNUAL EXTERIOR CORRUGATIONS IN ACCORDANCE WITH ASTM F-2646. JOINTS SHALL BE WATER TIGHT IN ACCORDANCE WITH ASTM D-3212.
  - UNLESS OTHERWISE SPECIFIED, PIPE FOR SANITARY SEWER GRAVITY LINES SHALL BE POLY(VINYL CHLORIDE) PIPE (PVC), SDR-35, WITH PUSH-ON JOINTS IN ACCORDANCE WITH ASTM D-3034 AND D-3212.
  - UNLESS OTHERWISE SPECIFIED, PIPE FOR WATER LINES SHALL BE DOUBLE CEMENT-UNITED DUCTILE IRON PIPE (CUL), CLASS 52, WITH MECHANICAL JOINTS IN ACCORDANCE WITH ANWWA C-150, C-151, C-104 AND C-111.
  - ELECTRIC, TELEPHONE, FIRE ALARM AND CABLE TELEVISION LINES SHALL BE INSTALLED UNDERGROUND IN CONDUIT IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY HAVING JURISDICTION.
  - EXISTING STORM DRAINS TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
  - ADDITIONAL CERTIFICATION, BY AN APPROPRIATE LICENSED OR CERTIFIED DESIGN PROFESSIONAL, SHALL BE REQUIRED FOR ALL MATTERS BEFORE THE PLANNING BOARD INDICATING THAT THE DRAWINGS AND PROJECT ARE IN COMPLIANCE WITH THE STORMWATER MANAGEMENT PHASE II REGULATIONS.

APPLICANT/OWNER: <b>RAWLAND HOLDINGS, LLC</b> 96 FRENCH AVENUE MATAMOROS, NEW JERSEY 07747	ARCHITECT: <b>MICHELLE DROLETTE ARCHITECT, LLC</b> 129 EAST HIGH STREET HELLETTOWN, PA 18055	Date	03/21/2023	By	BD
		Revision	1. REVISED PER PRC COMMENTS	05/02/2023	RR
		2. REVISED PER TOWN COMMENTS	10/23/2023	RR	
JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC JMC Site Development Consultants, LLC John Meyer Consulting, Inc. 120 BEDFORD ROAD - ARTHUR, NY 05504 voice 514.273.5225 - fax 514.273.2102 www.jmcpllc.com		<b>UTILITIES PLAN</b> DATA CENTER BUILDING EXPANSION 1 RAMLAND ROAD TOWN OF ORANGETOWN, NEW YORK			
ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.		Scale: 1" = 40' Date: 10/18/2022 Project No: 13016 TOWN UTILITIES Drawing No: <b>C-300</b>			

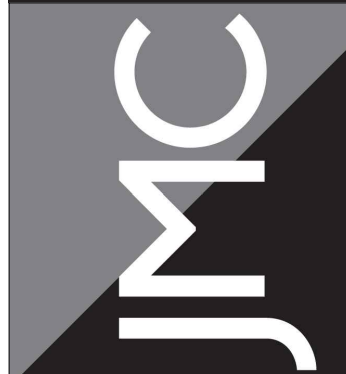
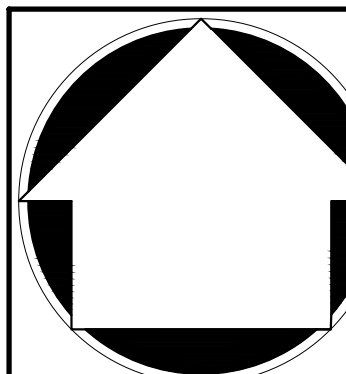


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Drawn: RR Approved: BD  
Scale: 1" = 40'  
Date: 10/18/2022  
Project No: 13016  
User: UTILITIES STORM PROFILES UTIL:oor  
Drawing No: C-310



STORM PROFILES PLAN  
DATA CENTER BUILDING EXPANSION  
1 RAMLAND ROAD  
TOWN OF ORANGETOWN, NEW YORK

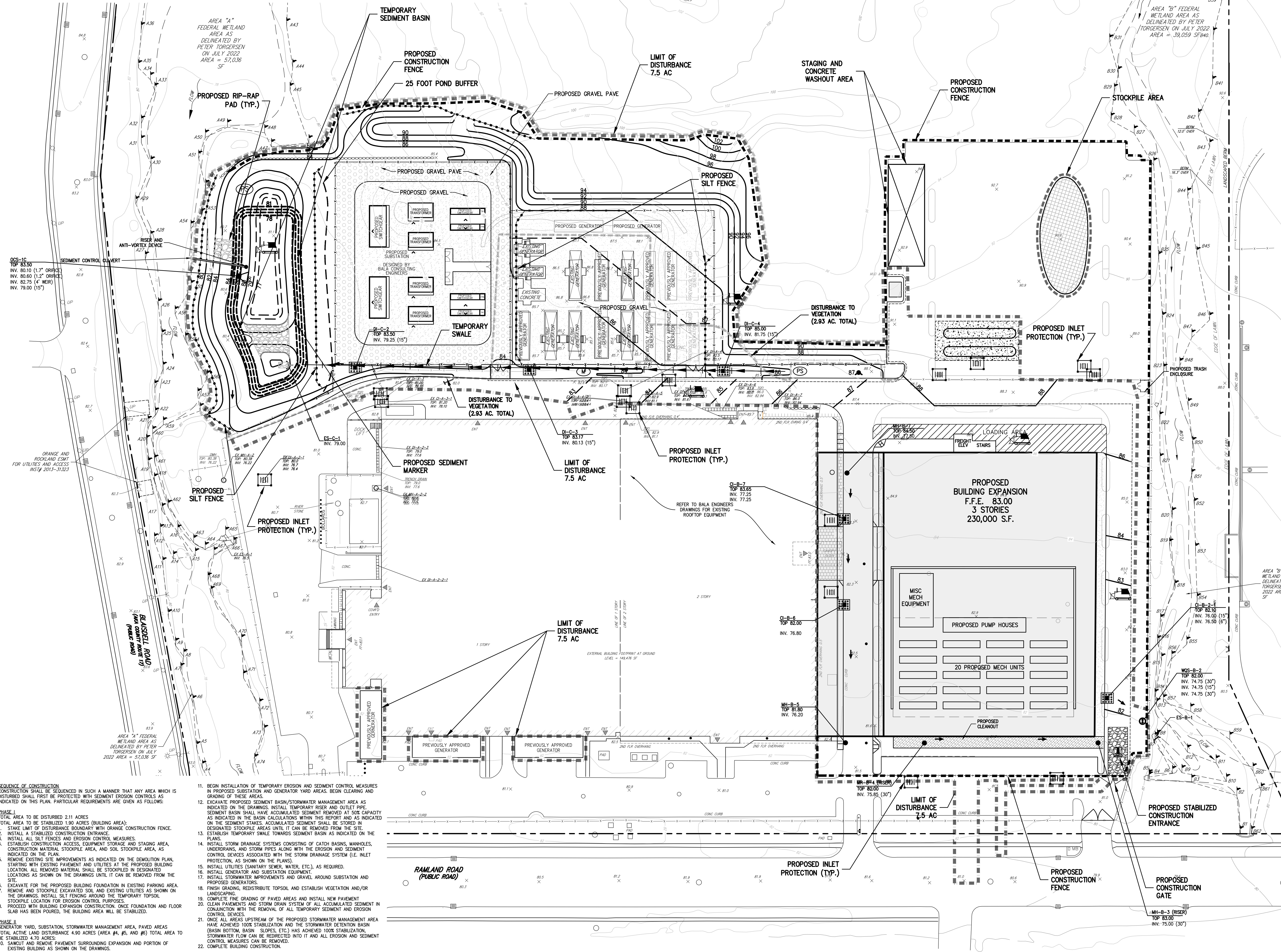


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John Meyer Consulting, Inc.  
120 BEDFORD ROAD • ARTHUR, NY 10504  
voice 914.273.5225 • fax 914.273.2102  
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APPLICANT/OWNER: RAWLAND HOLDINGS, LLC  
96 FRENEAU AVENUE  
MATAMoras, NEW JERSEY 07747  
ARCHITECT: MICHELLE DROLETTE ARCHITECT, LLC  
129 EAST HIGH STREET  
HELLERTOWN, PA 18055

No.	Revision	Date	By
1.	REVISED PER PRC COMMENTS	03/31/2023	BD
2.	REVISED PER TOWN COMMENTS	05/02/2023	RR
3.	REVISED PER TOWN COMMENTS	10/23/2023	RR
1.	REVISED PER PRC COMMENTS	03/31/2023	BD
2.	REVISED PER TOWN COMMENTS	05/02/2023	RR
3.	REVISED PER TOWN COMMENTS	10/23/2023	RR

DRAINAGE AREAS					
	EXISTING		PROPOSED		
	IMPERVIOUS (AC.)	PERVIOUS (AC.)	IMPERVIOUS (AC.)	PERVIOUS (AC.)	
EDA-1A	0.0000	2.3470	PDA-1A	0.000000	0.9300
EDA-1B	5.3880	1.9210	PDA-1B	4.6700	0.9240
EDA-2	5.4750	0.6580	PDA-1C	1.3100	1.2100
			PDA-2A	3.6300	0.1270
			PDA-2B	0.8030	0.1580
			PDA-2C	0.3500	0.0602
TOTAL:	10.863000	4.926000	TOTAL:	15.2030	5.1680



LEGEND	
	PROPOSED SILT SACK INLET PROTECTION
	PROPOSED STONE AND BLOCK INLET PROTECTION
	PROPOSED LAND GRADING
	PROPOSED PERMANENT SEEDING
	PROPOSED MULCHING
	PROPOSED CONSTRUCTION FENCE
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED GRAVEL
	PROPOSED GRAVEL PAVE
	PROPOSED STABILIZED CONSTRUCTION ENTRANCE
	DISTURBANCE TO EXISTING VEGETATION

- NOTES:**
- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY ENTITLED, "SITE DEVELOPMENT PLAN FOR EXPANSION," PREPARED BY JAY A. GREENWELL, P.E., DATED 08/04/2022.
  - ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL THE PLANS, PRIOR TO BEGINNING ANY CLEARING, GRUBBING OR EXCAVATION.
  - THE TREE PROTECTION AND PRESERVATION GUIDELINES ADOPTED PURSUANT TO SECTION 21-24 OF THE LAND DEVELOPMENT REGULATIONS OF THE TOWN OF ORANGETOWN WILL BE IMPLEMENTED IN ORDER TO PROTECT AND PRESERVE BOTH INDIVIDUAL SPECIMEN TREES AND BUFFER AREAS WITH MANY TREES. STEPS THAT WILL BE TAKEN TO PRESERVE AND PROTECT EXISTING TREES TO REMAIN ARE AS FOLLOWS:
    - NO CONSTRUCTION EQUIPMENT SHALL BE PARKED UNDER THE TREE CANOPY.
    - THERE WILL BE NO EXCAVATION OR STOCKPILING OF EARTH UNDERNEATH THE TREES.
    - TREES DESIGNATED TO BE PRESERVED SHALL BE MARKED CONSPICUOUSLY ON ALL SIDES AT A 5 TO 10 FOOT HEIGHT.
    - THE TREE PROTECTION ZONE FOR TREES DESIGNATED TO BE PRESERVED WILL BE ESTABLISHED BY ONE OF THE FOLLOWING METHODS:
      - ONE (1) FOOT RADIUS FROM THE TRUNK PER INCH DBH
      - DRIP LINE OF THE TREE CANOPY
    - THE METHOD CHOSEN SHOULD BE BASED ON PROVIDING THE MAXIMUM PROTECTION ZONE POSSIBLE. A BARRIER OF SNOW FENCE OR APPROVED EQUAL IS TO BE PLACED AND MAINTAINED ONE YARD BEYOND THE ESTABLISHED TREE PROTECTION. IF IT IS AGREED THAT THE TREE PROTECTION ZONE OF A SELECTED TREE MUST BE VIOLATED, ONE OF THE FOLLOWING METHODS MUST BE EMPLOYED TO MITIGATE THE IMPACT:
      - LIGHT TO HEAVY IMPACTS: MINIMUM OF EIGHT INCHES OF WOOD CHIPS INSTALLED IN THE AREA TO BE PROTECTED. CHIPS SHALL BE REMOVED UPON COMPLETION OF WORK.
      - LIGHT IMPACTS ONLY: INSTALLATION OF 3/4 INCH OF PLYWOOD BOARDS OVER THE AREA TO BE PROTECTED.
  - EXPOSED SLOPES AND ALL GRADED AREAS SHALL BE SEEDING WITH THE FOLLOWING GRASS MIX IMMEDIATELY UPON COMPLETION OF ITS CONSTRUCTION AT A RATE OF 6 POUNDS PER 1000 S.F. IN THE FOLLOWING PROPORTIONS:
    - GREENING RED FESCUE 50 %
    - PERENNIAL RYE GRASS 70 %
  - GRASS SEED MIX FOR EROSION AND SEDIMENT CONTROL MAY BE APPLIED BY EITHER MECHANICAL OR HYDROSEEDING METHODS. HYDROSEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN, AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION.
  - SEEDING AREAS SHALL BE MULCHED WITH STRAW AT A RATE OF 2 TONS PER ACRE (90 LBS. PER 1,000 S.F.) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.
  - EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS BY THE CONTRACTOR. ALL COLLECTED SEDIMENT WITHIN SEDIMENT BARRIERS SHALL BE REMOVED PERIODICALLY TO MAINTAIN THE FUNCTION OF THE SEDIMENT BARRIERS. ALL SEDIMENT COLLECTED SHALL BE REAPPLIED ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE OWNERS FIELD REPRESENTATIVE.
  - DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE TOWN ENGINEER.
  - CUT AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTIES, NOR DIVERT WATER ONTO THE PROPERTY OF OTHERS.
  - ALL FILLS SHALL BE COMPACTED TO PROVIDE STABILITY OF MATERIAL AND TO PREVENT SETTLEMENT.
  - THE CONTRACTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A DAILY BASIS AND AFTER RAINSTORMS.
  - AS WARRANTED BY FIELD CONDITIONS, SPECIAL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED.
  - STOCKPILING OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN THE AREA DESIGNATED. STOCKPILED EXCAVATED MATERIAL SHALL HAVE SILT FENCE LOCATED AROUND PERIMETER. ALL STOCKPILED MATERIAL SHALL BE MAINTAINED IN AN ORDERLY MANNER SO AS NOT TO IMPROVE ON EXISTING TRAFFIC CIRCULATION ROUTES.
  - AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF ANY WORK, INCLUDING THE INSTALLATION OF EROSION CONTROL DEVICES OR THE REMOVAL OF TREES AND VEGETATION, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ENGINEERING, SUPERINTENDENT OF HIGHWAYS AND THE OFFICE OF BUILDING, ZONING AND PLANNING ADMINISTRATION AND ENFORCEMENT. IT IS THE RESPONSIBILITY AND THE OBLIGATION OF THE PROPERTY OWNER TO ARRANGE SUCH A MEETING.

By: **RR** **BD**

Date: **03/27/2023** **05/02/2023** **10/23/2023**

Revision: **1. REVISED PER PRC COMMENTS** **2. REVISED PER TOWN COMMENTS** **3. REVISED PER TOWN COMMENTS**

No. **1** **2** **3**

APPLICANT/OWNER: **RAWLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAMORA, NEW JERSEY 07747

ARCHITECT: **MICHELLE DROLETTE ARCHITECT, LLC**  
129 EAST HIGH STREET  
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voice 914.273.5225 - fax 914.273.2102  
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**EROSION AND SEDIMENT CONTROL PLAN**

**DATA CENTER BUILDING EXPANSION**

**TOWN OF ORANGETOWN, NEW YORK**

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Scale: **1" = 40'**

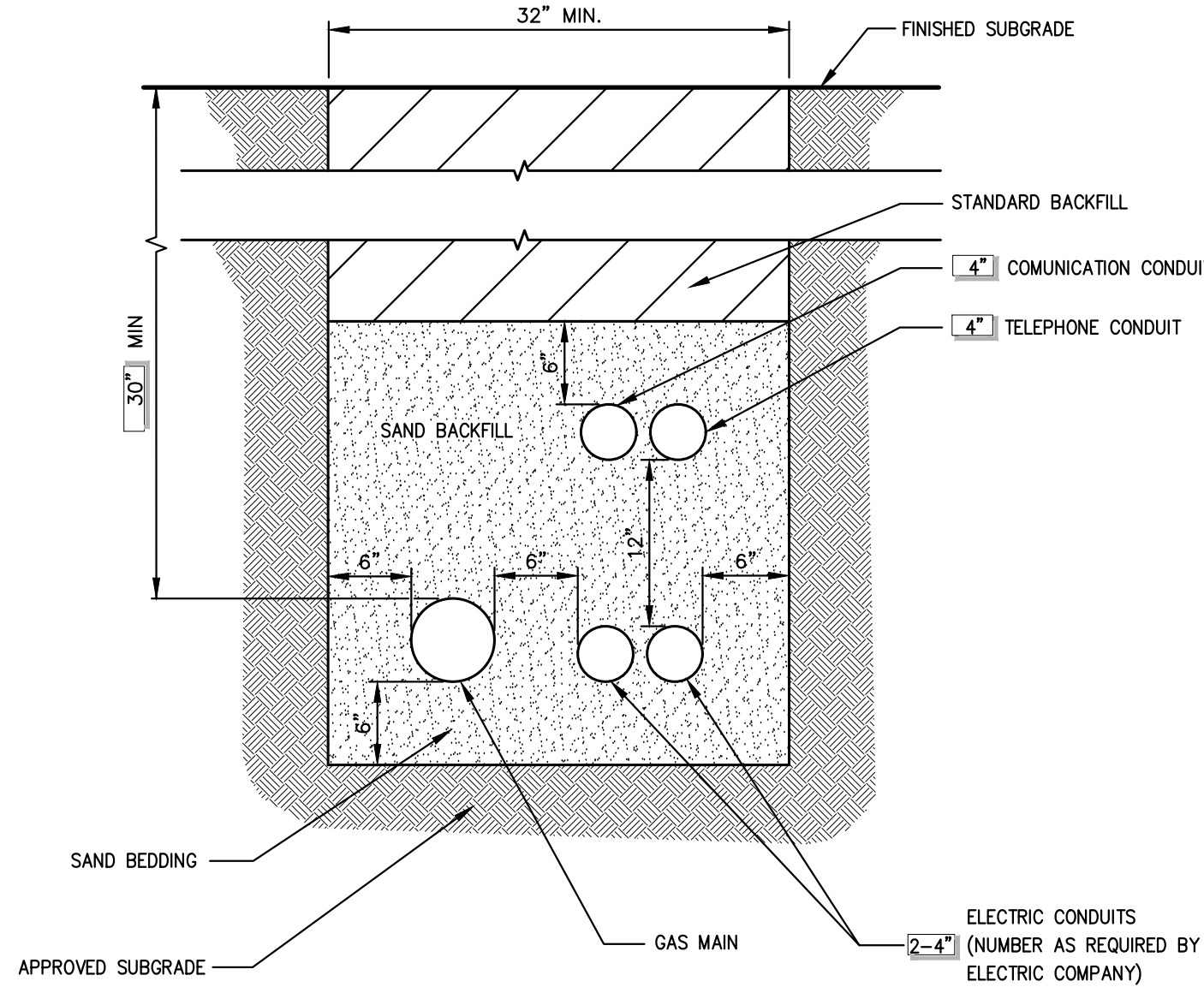
Date: **10/18/2022**

Project No: **13016**

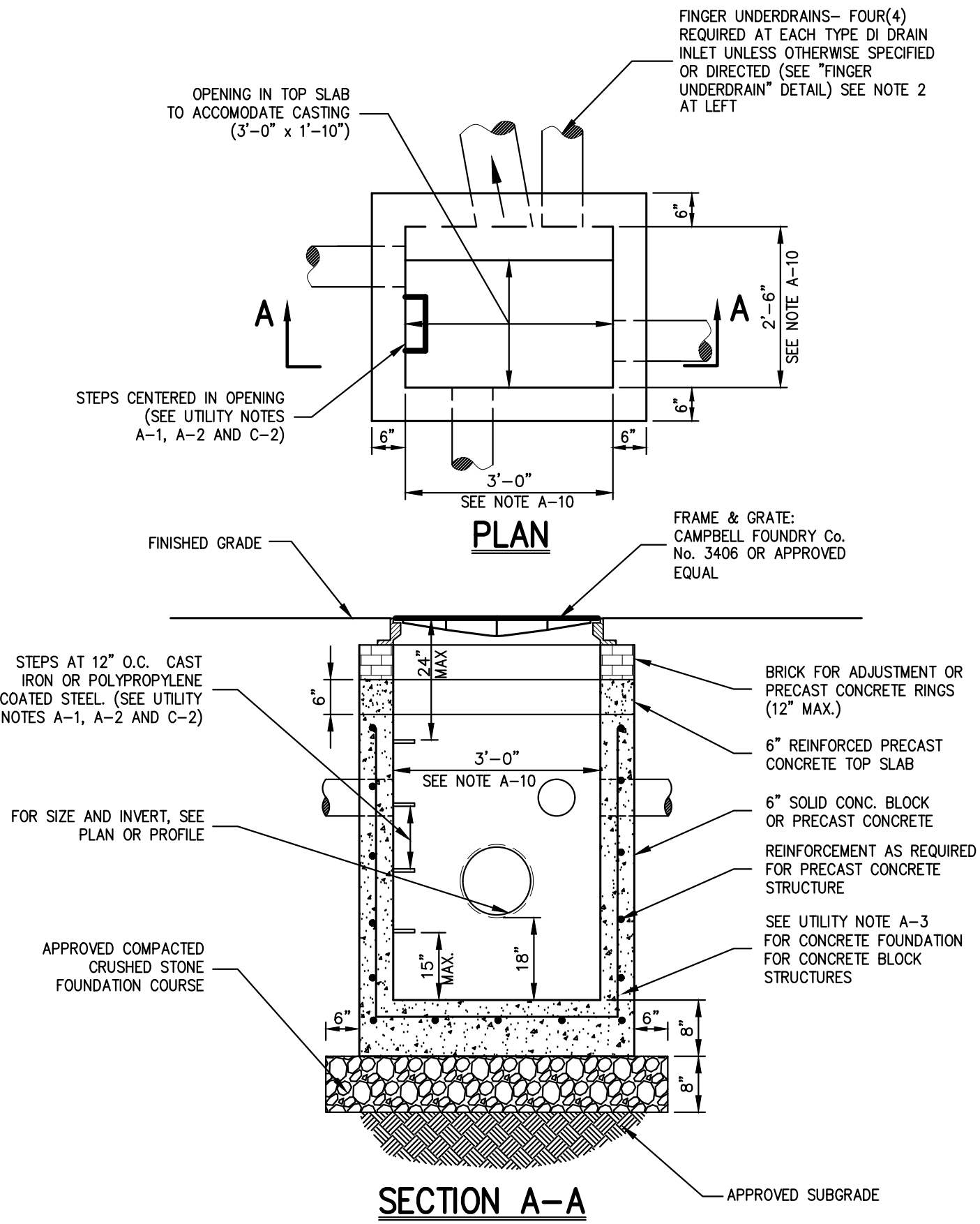
Drawing No: **C-400**

NOT FOR CONSTRUCTION

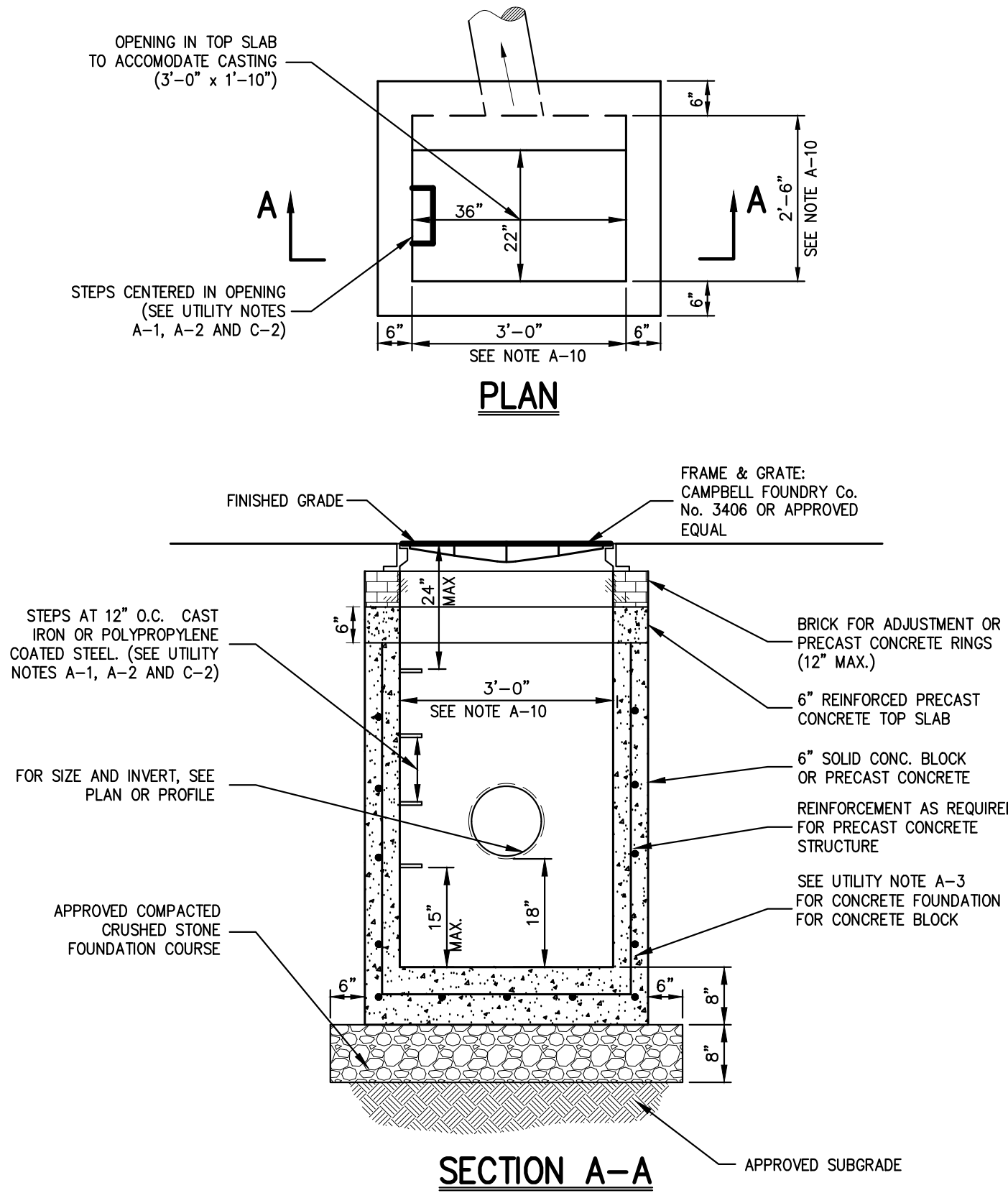




- NOTES:**
1. UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE REGULATIONS AND REQUIREMENTS OF THE UTILITY COMPANY HAVING JURISDICTION.
  2. BACKFILL FOR PIPE AND CONDUIT SHALL BE PLACED EVENLY AND CAREFULLY AROUND AND OVER THE PIPE OR CONDUIT IN SIX (6) INCH MAXIMUM LAYERS. EACH LAYER SHALL BE THOROUGHLY AND CAREFULLY COMPACTED UNTIL TWELVE (12) INCHES OF COVER EXISTS OVER THE PIPE OR CONDUIT. THE REMAINDER OF THE BACKFILL MAY THEN BE PLACED AND COMPACTED IN A MAXIMUM OF TWELVE (12) INCH LAYERS. EACH LAYER SHALL BE COMPACTED BY APPROVED MECHANICAL TAMPING MACHINES. UNLESS OTHERWISE SPECIFIED BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 92% MAXIMUM MODIFIED DENSITY IN ACCORDANCE WITH ASTM DESIGNATION D-1557 IN THE MANNER HEREIN DESCRIBED. BACKFILL SHALL PROCEED UP TO THE LINES AND GRADES AS SHOWN ON THE DRAWINGS.



- NOTE:**
1. REINFORCE PRECAST CONCRETE TOP SLAB AND REINFORCE PRECAST CONCRETE STRUCTURE SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.
  2. LOCATIONS OF FINGER UNDERDRAINS MAY VARY FROM THAT AS SHOWN DEPENDING UPON NUMBER AND SIZE OF STORM DRAIN LINES ENTERING AND EXITING THE STRUCTURE.
  3. SEE NOTES PERTAINING TO DRAIN INLETS UNDER UTILITY NOTES ON DRAWING 1001.



- NOTE:**
1. REINFORCE PRECAST CONCRETE TOP SLAB AND REINFORCE PRECAST CONCRETE STRUCTURE SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.
  2. SEE NOTES PERTAINING TO DRAIN INLETS UNDER UTILITY NOTES ON DRAWING 1001.

- NOTES PERTAINING TO DRAIN INLETS**
- A-1 STEPS WILL NOT BE REQUIRED IN INLETS LESS THAN FOUR (4) FEET IN DEPTH. STEPS WILL BE REQUIRED IN INLETS FOUR (4) FEET OR GREATER IN DEPTH. DEPTHS FOR DRAIN INLETS SHALL BE MEASURED FROM FINISHED GRADE TO INSIDE BOTTOM OF STRUCTURE (INCLUDING SUMP AS APPLICABLE).
  - A-2 WHEN STEPS ARE REQUIRED, STEPS SHALL COMPLY WITH THE SAME REQUIREMENTS OF ASTM STANDARD C-478, ARTICLE 13 ENTITLED "MANHOLE STEPS & LADDERS".
  - A-3 FOR MASONRY STRUCTURES, THE FIRST COURSE OF MASONRY SHALL BE SET IN THE CONCRETE FOUNDATION BEFORE THE CONCRETE HAS SET. CONCRETE FOUNDATION SHALL BE CLASS "A"(4000 psi) CONCRETE, TWELVE (12) INCHES THICK AND SHALL EXTEND SIX (6) INCHES BEYOND THE OUTSIDE FACE OF THE STRUCTURE.
  - A-4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.
  - A-5 ALL NECESSARY PATCHING FOR DRAIN STRUCTURES SHALL BE ACCOMPLISHED WITH NON-SHRINKING CEMENT MORTAR GROUT, APPROVED EQUAL TO Sika-SET AS MANUFACTURED BY THE Sika CHEMICAL CORP.
  - A-6 FOUNDATIONS FOR PRECAST CONCRETE STRUCTURES SHALL BE SET ON A COMPACTED LAYER OF APPROVED CRUSHED STONE HAVING A MINIMUM COMPACTED THICKNESS OF EIGHT (8) INCHES.
  - A-7 ALL PIPES SHALL BE CUT FLUSH WITH THE INSIDE WALL OF THE STRUCTURE.
  - A-8 PROVIDE REINFORCED CONCRETE TOP SLAB FOR OVERSIZED DRAIN INLETS WITH PROPER SIZE OPENING TO ACCOMMODATE INSTALLATION OF FRAME & GRATE.
  - A-9 FOR MASONRY STRUCTURES GREATER THAN TEN (10) FEET IN DEPTH, THICKNESS OF MASONRY WALLS SHALL BE INCREASED TO TWELVE (12) INCHES.
  - A-10 FOR ALL STRUCTURES GREATER THAN 10 FEET IN DEPTH, STRUCTURES SHALL PROVIDE MINIMUM INSIDE DIMENSIONS OF 4 FEET X 4 FEET.
- NOTES PERTAINING TO MANHOLES**
- B-1 PRECAST CONCRETE MANHOLES SHALL COMPLY WITH ASTM STANDARD C-478, MANHOLE JOINTS SHALL COMPLY WITH ASTM STANDARD C-443.
  - B-2 FOR PRECAST CONCRETE MANHOLES FIVE (5) FEET OR LESS IN HEIGHT, TOP CONE SECTION SHALL BE REPLACED WITH PRECAST REINFORCED CONCRETE SLAB (6" MIN. THICKNESS) WITH OPENING OF SUFFICIENT SIZE TO ACCOMMODATE MANHOLE CASTING.
  - B-3 FOR MANHOLES 10 FEET OR MORE IN DEPTH, MANHOLE DIAMETER SHALL BE FIVE (5) FEET.
  - B-4 TERMINAL MANHOLE FLOORS SHALL BE SLOPED TOWARD OUTFALL PIPE.
  - B-5 INVERT CHANNELS FOR PRECAST CONCRETE MANHOLES SHALL BE CONSTRUCTED OF CONCRETE.
  - B-6 NOTES A-1, A-2, A-4, A-5, A-6 & A-7 UNDER "NOTES PERTAINING TO DRAIN INLETS" ABOVE SHALL APPLY TO MANHOLES.

- NOTES PERTAINING TO PRECAST CONCRETE STRUCTURES FOR STORM DRAINS, SANITARY SEWERS AND WATER LINES**
- C-1 ALL PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.
  - C-2 STEPS SHALL BE LOCATED WITHIN STRUCTURE TO AVOID PLACEMENT OVER PIPES WHEN PRACTICABLE.

UTILITY TRENCH DETAIL

9

DRAIN INLET (TYPE DI)  
(with sump-with finger underdrains)

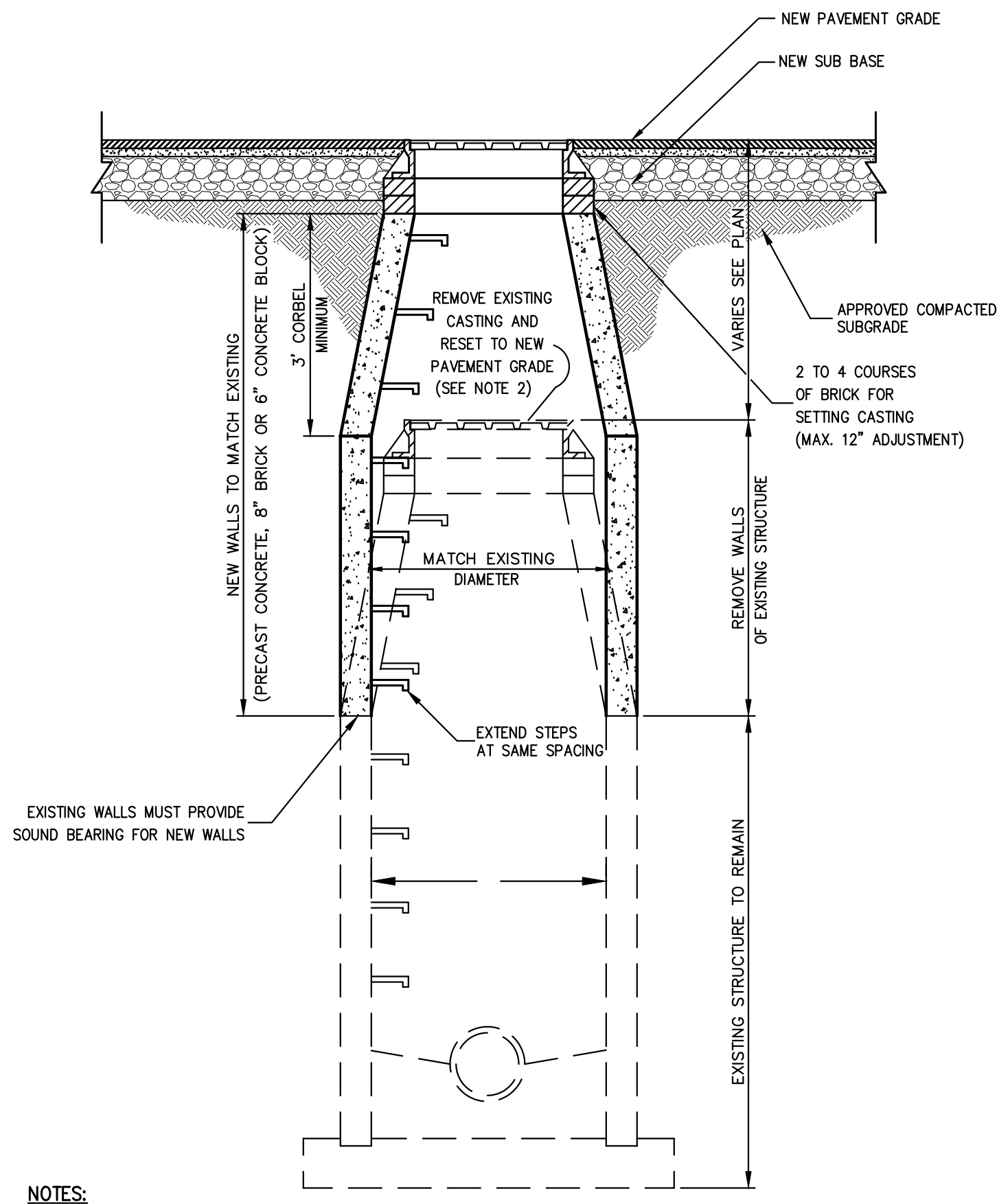
10

DRAIN INLET (TYPE DI)  
(with sump-w/o finger underdrains)

11

UTILITY NOTES

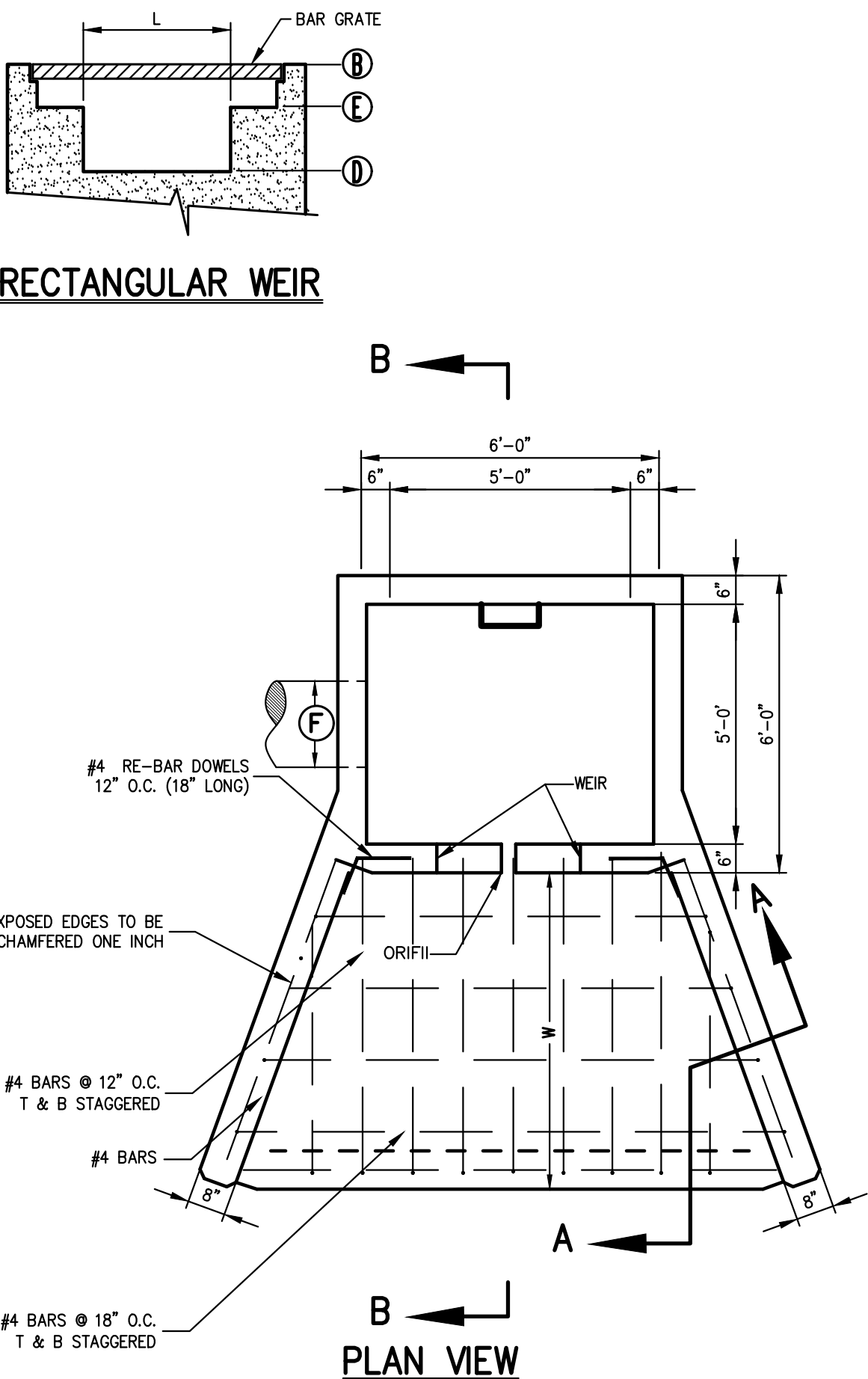
12



- NOTES:**
1. SEE "UTILITY NOTES" ON DRAWING 1001 WHICH SHALL APPLY TO THIS DETAIL.
  2. IF EXISTING CASTING IS UNFIT FOR RESETTING IN THE NEW CONSTRUCTION, AS DETERMINED BY THE OWNER'S FIELD REPRESENTATIVE, CONTRACTOR SHALL FURNISH AND SET NEW CASTING.

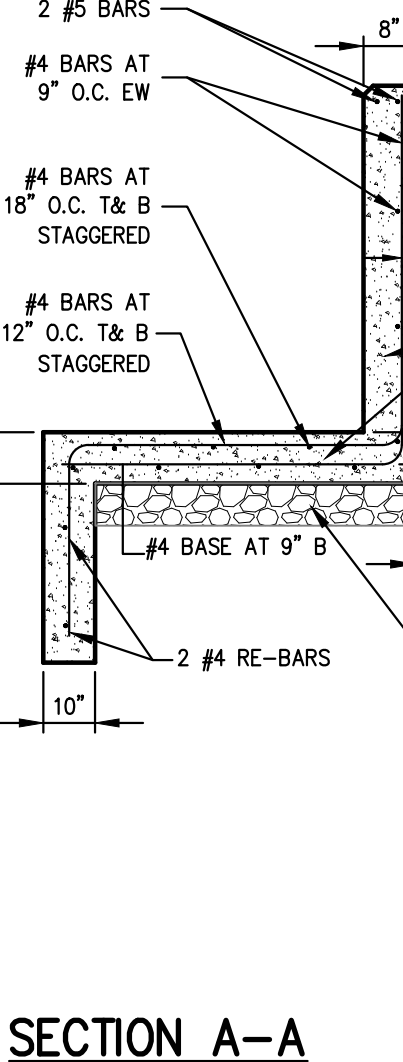
EXISTING MANHOLE  
RECONSTRUCTED AND RAISED

13

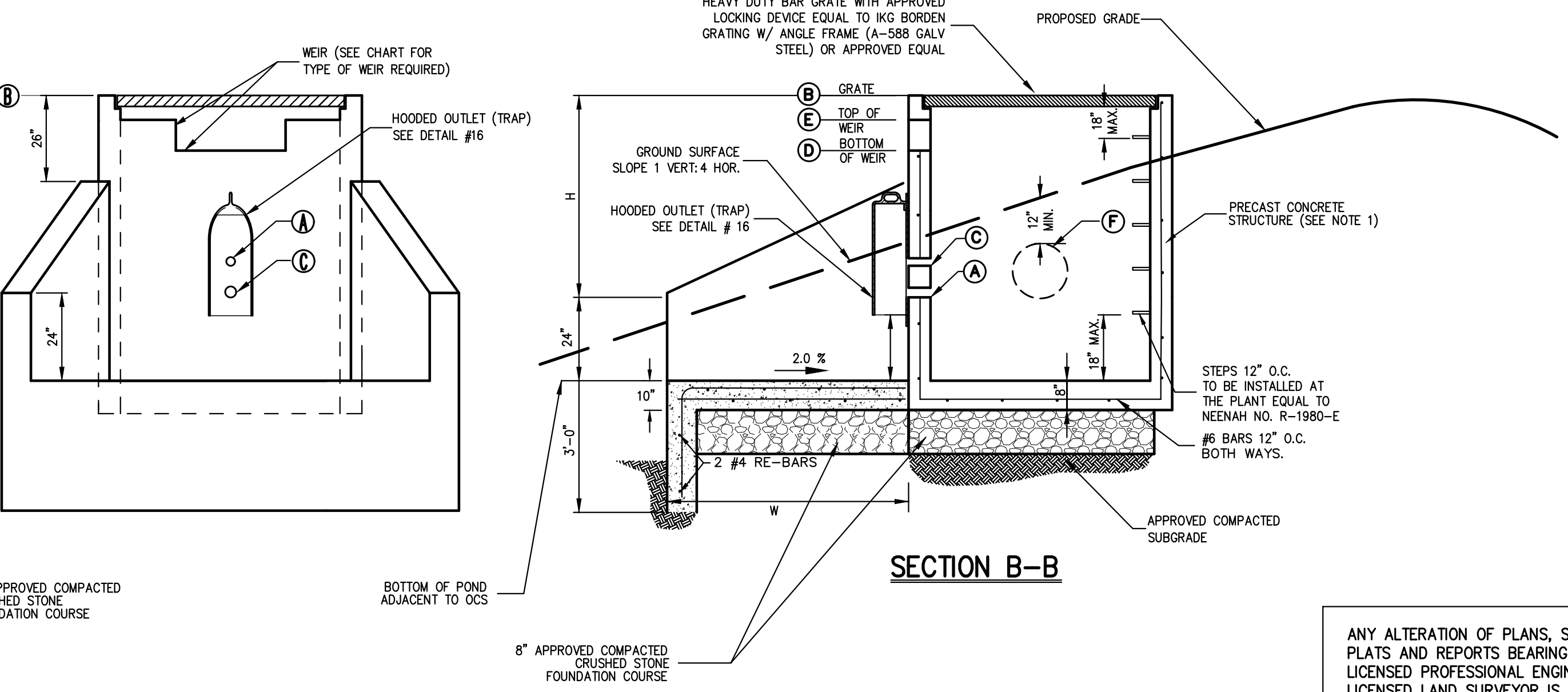


- ABBREVIATIONS**
- OCS OUTLET CONTROL STRUCTURE
  - ELEV. ELEVATION
  - IF INFLOW
  - OF OUTFLOW
  - NA NOT APPLICABLE
  - O.C. ON CENTER
  - T&B TOP AND BOTTOM
  - EW EACH WAY

- NOTES:**
1. PRECAST CONCRETE STRUCTURE SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD
  2. SEE UTILITY NOTES A-4 TO A-7



BASIN No.	STRUCTURE No.	ELEV. GRADE (B)	PIPE/ORIFICE SIZE AND INVERT ELEVATION			WEIR	LENGTH (L)	H	W
			PIPE OUTLET (F)	ORIFICE (A)	ORIFICE (C)				
POND-1C	OCS-1C	83.50	15" Ø 78.00	1.70" Ø 80.10	1.20" Ø 80.60	RECTANGULAR	82.75	83.25	4.70'



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OUTLET CONTROL STRUCTURE  
(Square)

14

NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

APPLICANT/OWNER  
**RAWLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAMoras, NEW JERSEY 07747

ARCHITECT  
**MICHELLE DROLETTE ARCHITECT, LLC**  
129 EAST HIGH STREET  
HELLERTOWN, PA 18055

JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC  
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John Meyer Consulting, Inc.

120 BEDFORD ROAD • ARTHUR, NY 05504  
voice 914.273.5225 • fax 914.273.2102  
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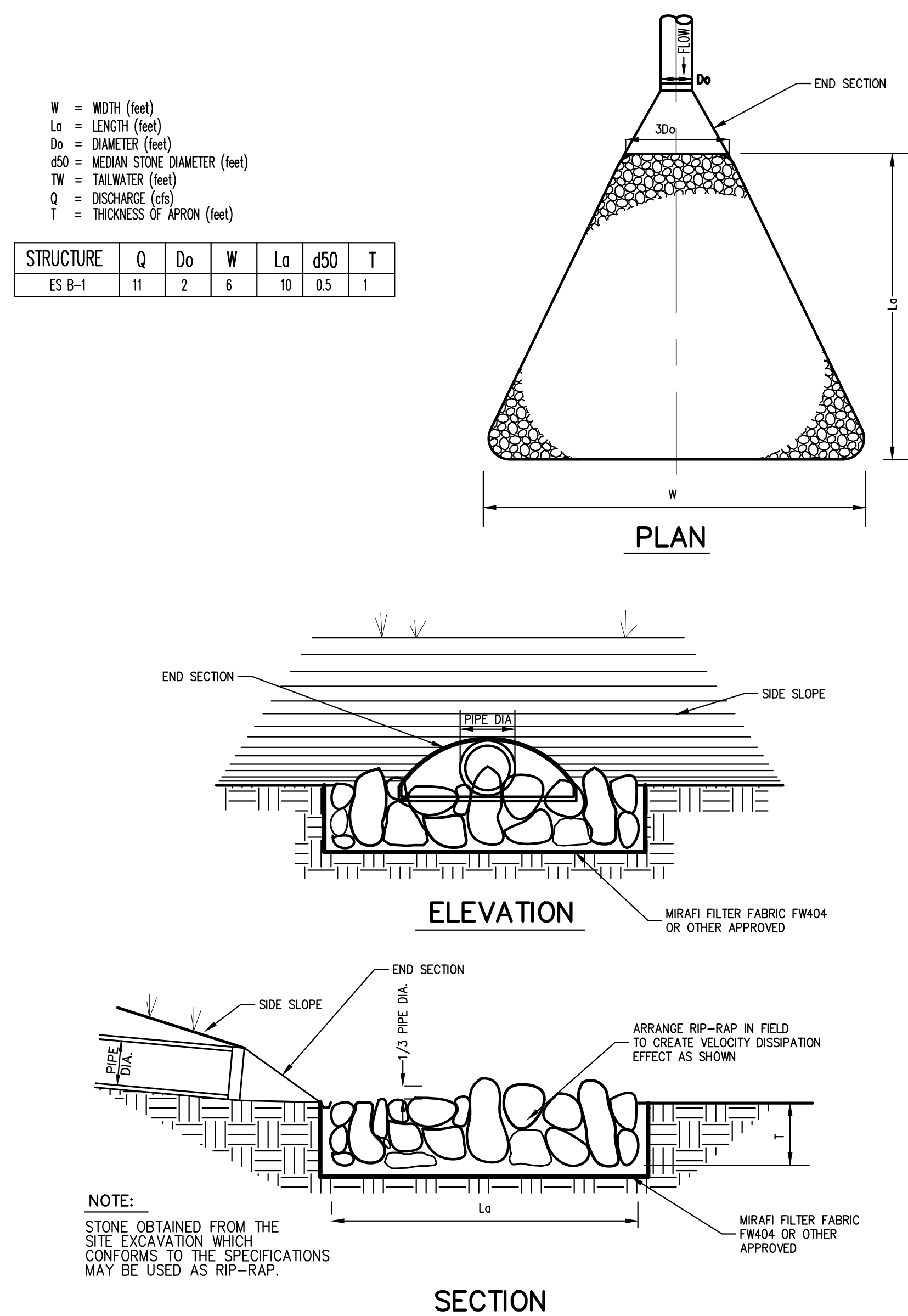
CONSTRUCTION DETAILS  
DATA CENTER BUILDING EXPANSION  
TOWN OF ORANGE TOWN, NEW YORK

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Drawn: RR Approved: BD  
Scale: NOT TO SCALE  
Date: 10/18/2022  
Project No: 13016  
1000-GENS C-001  
Drawing No: C-901

# SUBSTATION PIPE UNDERDRAIN (EXPOSED GRAVEL)

15



## ROCK OUTLET PROTECTION

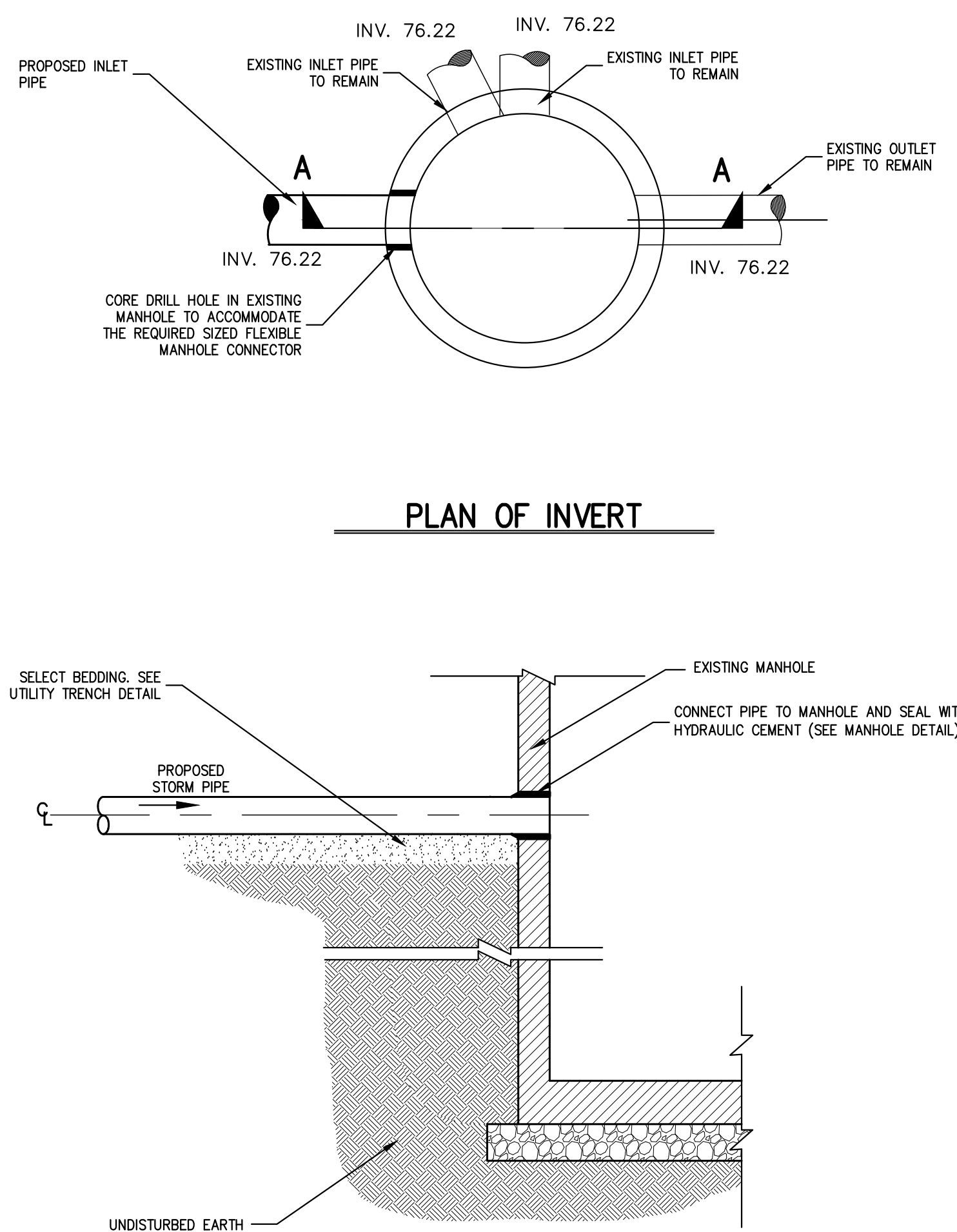
18

# CONTECH CDS 4040

16

# HOODED OUTLET (TRAP)

17

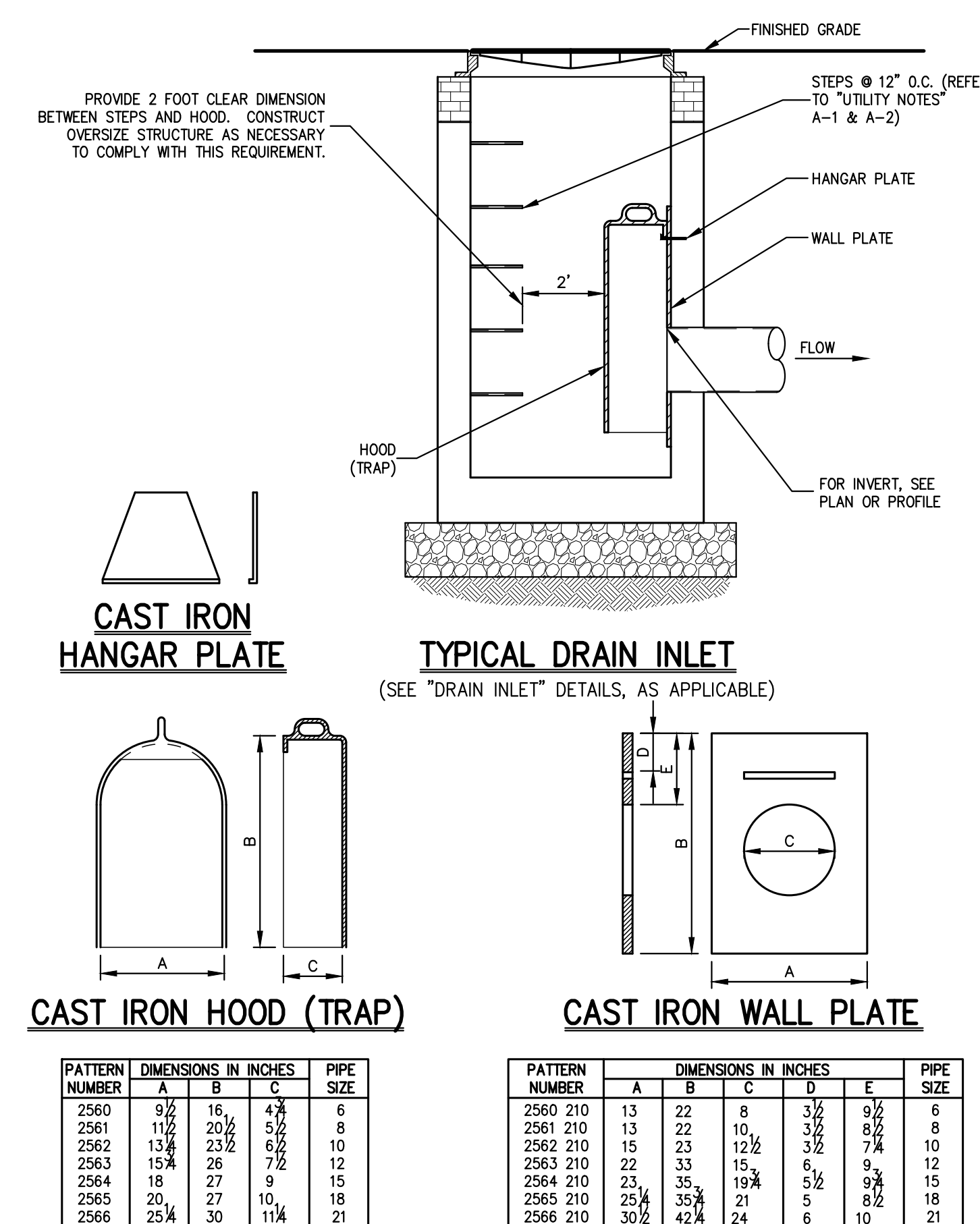
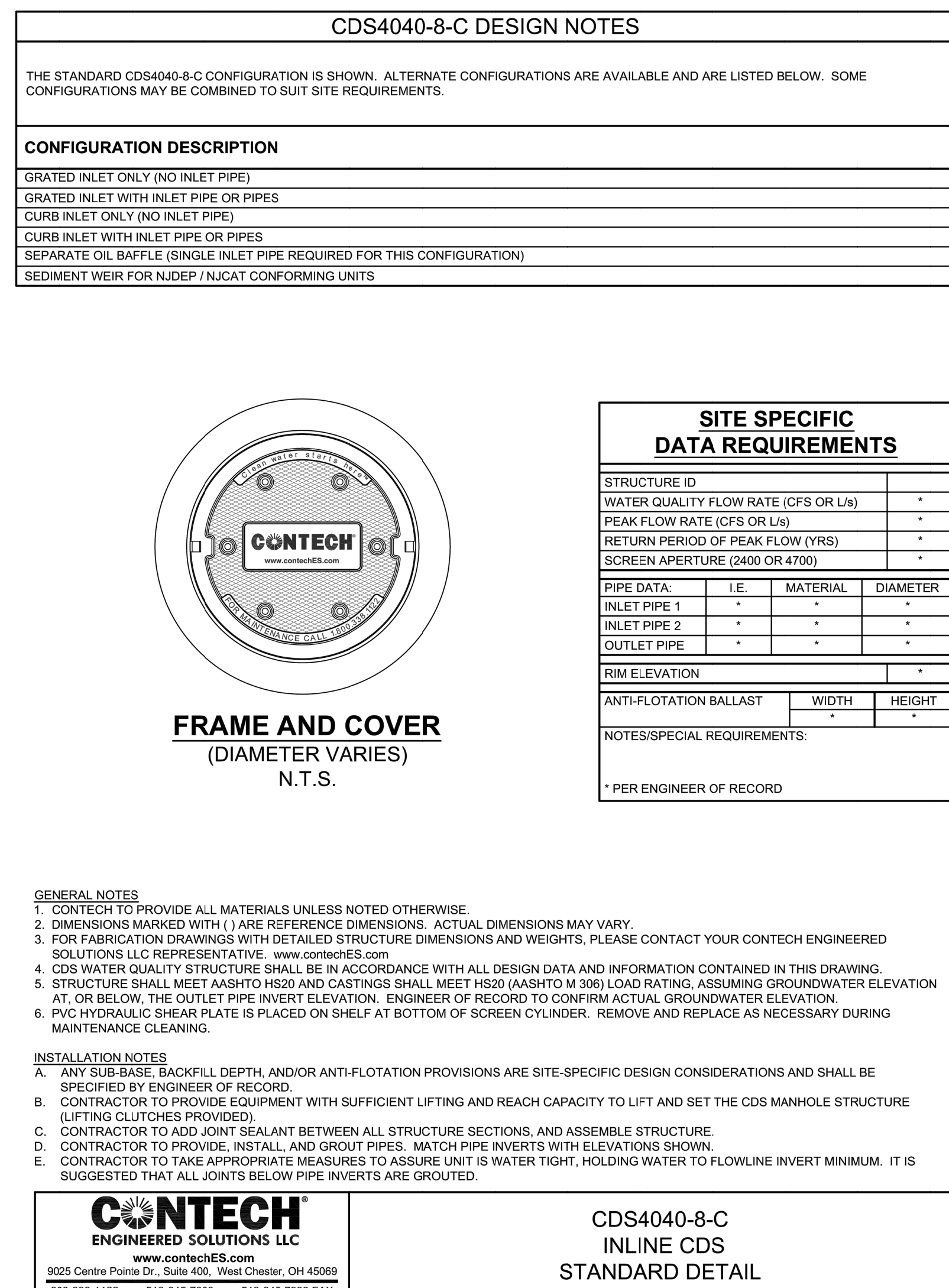


## STORM PIPE CONNECTION AT EXISTING MANHOLE

19

# SEPARATION OF WATER AND SANITARY SEWER/STORM DRAIN LINES

20



# CONSTRUCTION DETAILS DATA CENTER BUILDING EXPANSION 1 RAMLAND ROAD TOWN OF ORANGE TOWN, NEW YORK

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Client: RR Approved: BD  
Scale: NOT TO SCALE  
Date: 10/18/2022  
Project No: 13016  
1300-GEN15 C-902  
Drawing No: -

C-902

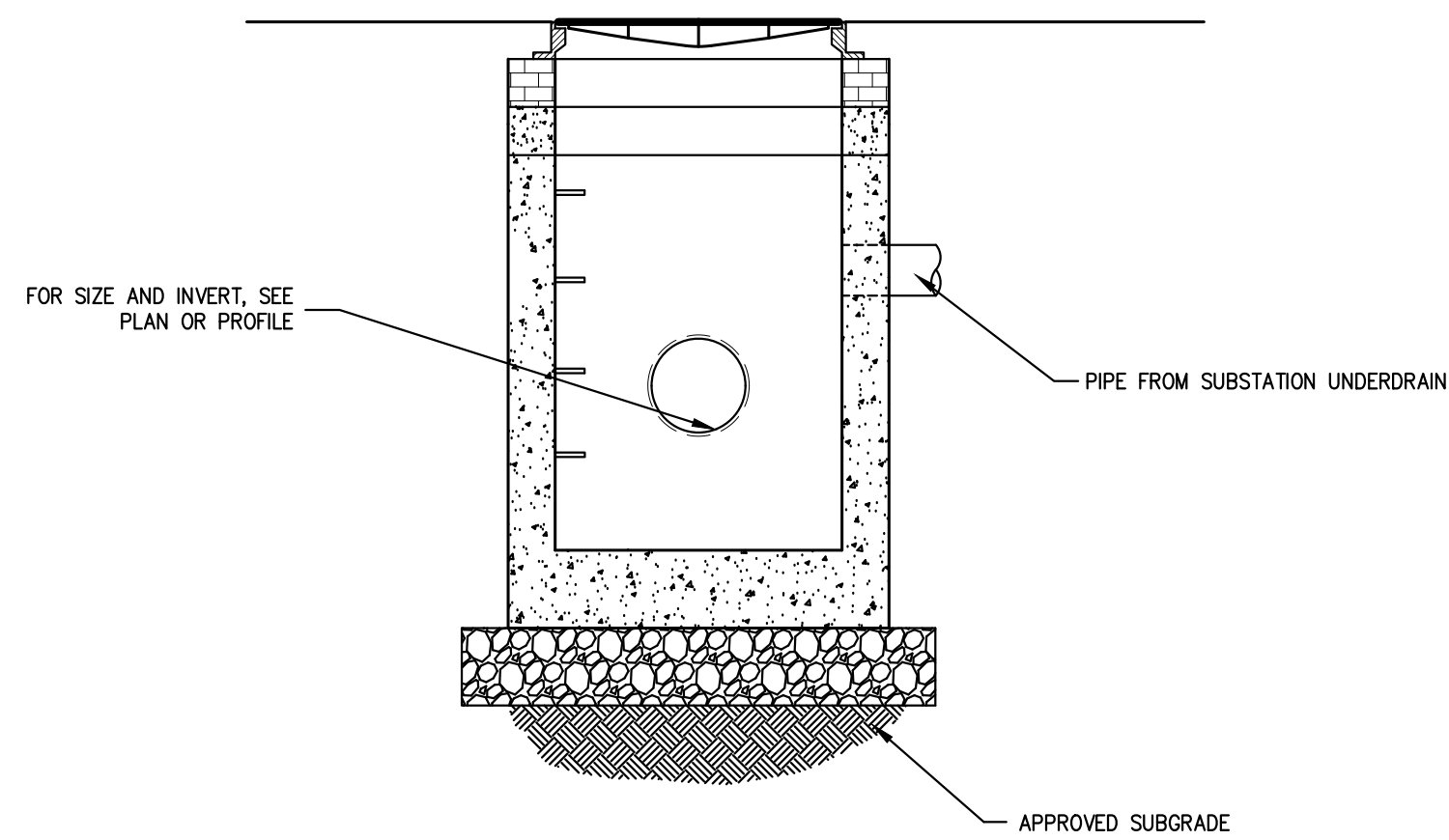
APPLICANT/OWNER:  
**RAMLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAMoras, NEW JERSEY 07747

ARCHITECT:  
**MICHELLE DROLETTE ARCHITECT, LLC**  
129 EAST HIGH STREET  
HELLERTOWN, PA 18055

JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC  
JMC Site Development Consultants, LLC  
John Meyer Consulting, Inc.  
120 BEDFORD ROAD • ARTHUR, NY 10504  
voice 914.273.5225 • fax 914.273.2102  
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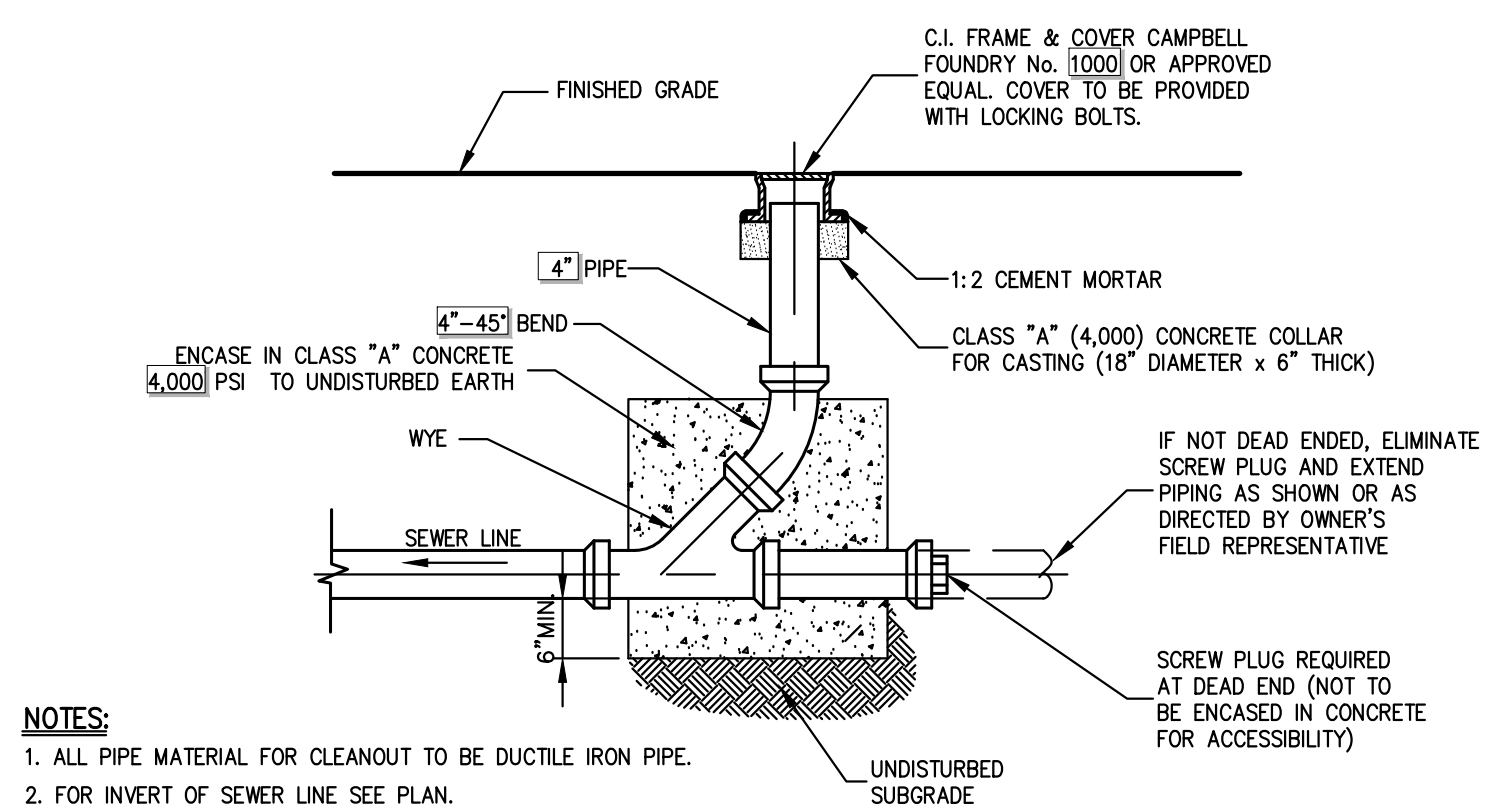
No.	Revision	Date	By
1.	REVISED PER PRC COMMENTS	03/21/2023	BD
2.	REVISED PER TOWN COMMENTS	05/02/2023	RR
3.	REVISED PER TOWN COMMENTS	10/23/2023	RR

Project Engineer: Charles



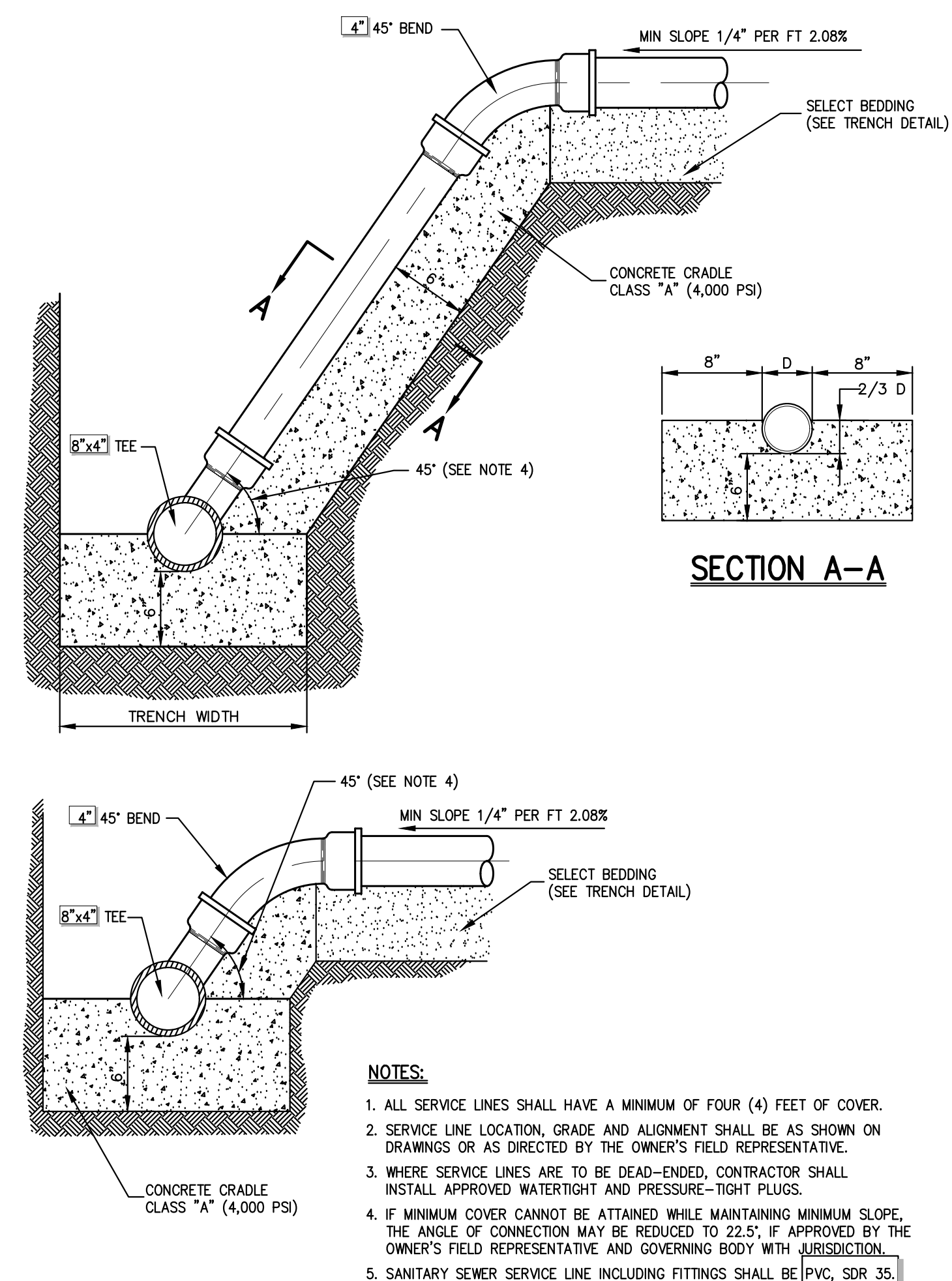
SUBSTATION DRAIN CONNECTION

21



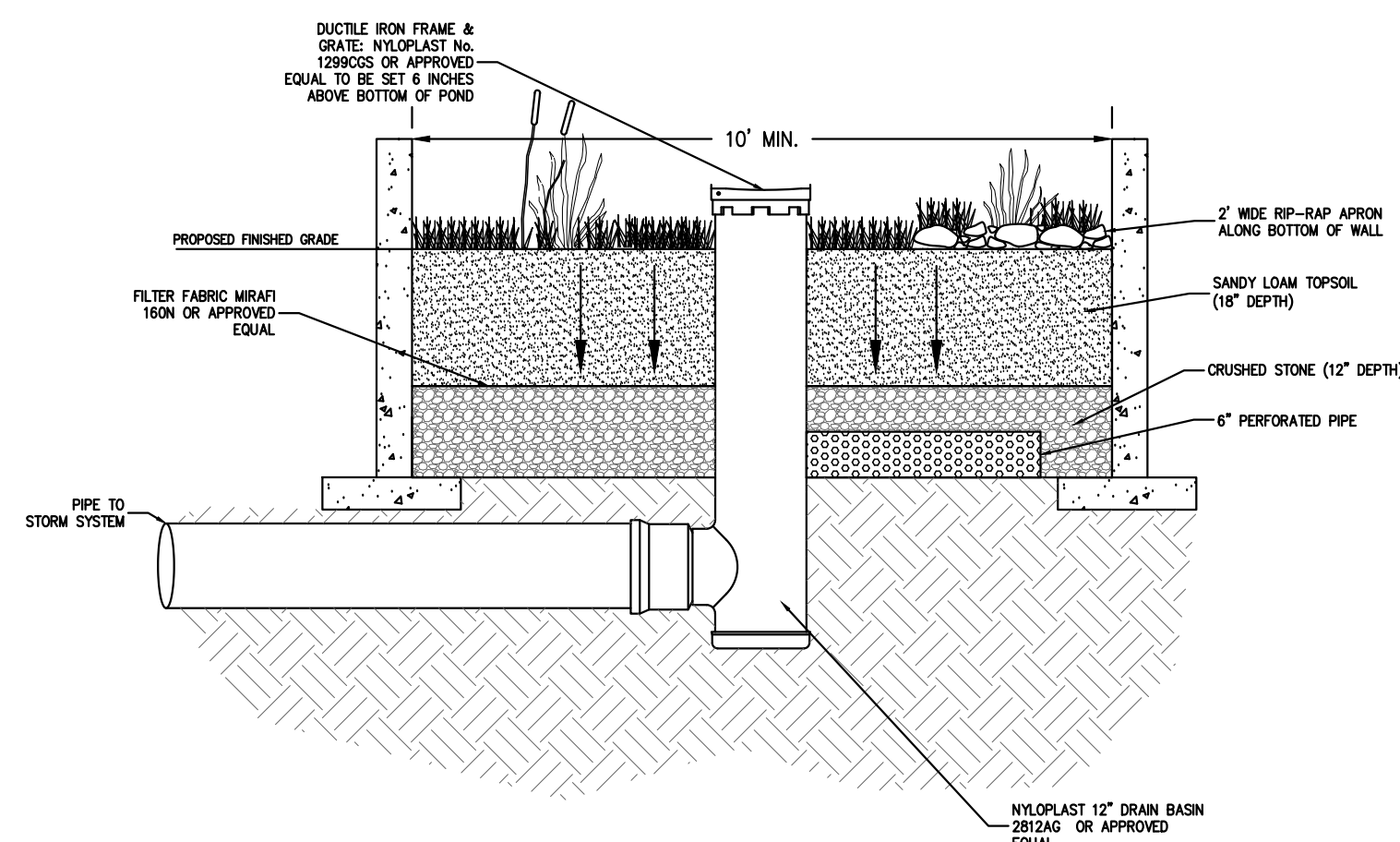
CLEANOUT W/O MANHOLE

22



SANITARY SEWER SERVICE CONNECTION

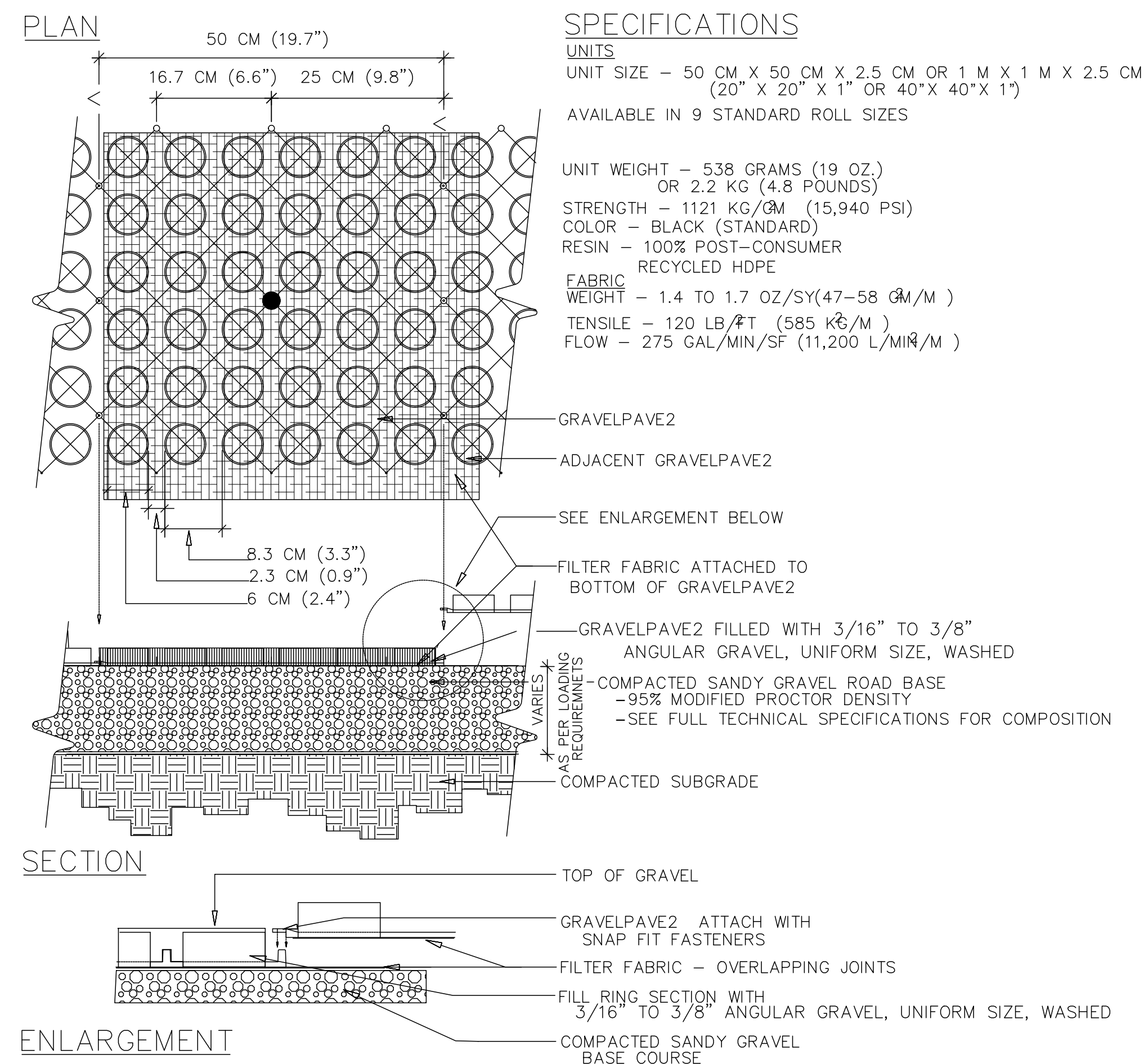
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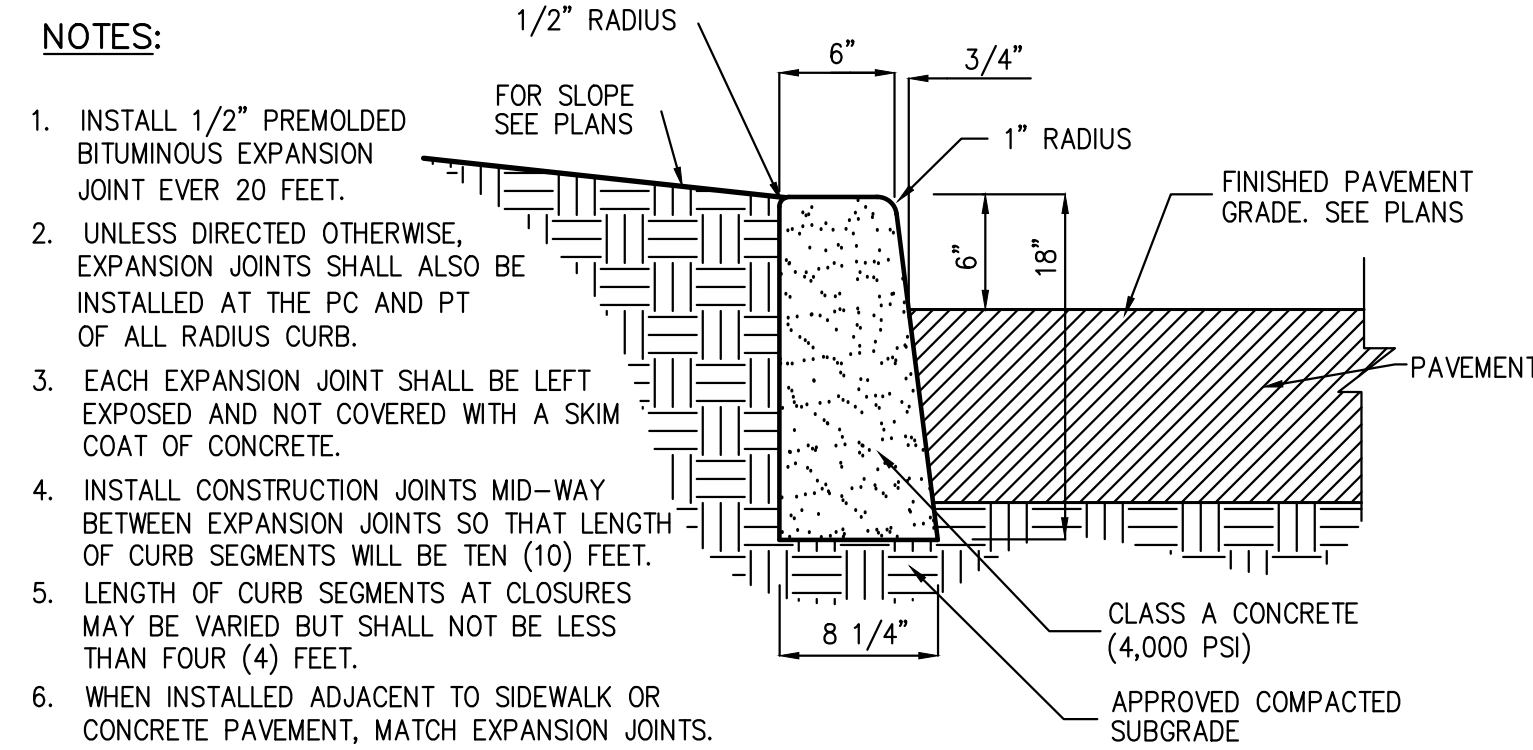
- NOTES:
1. FLOW-THROUGH AND INFILTRATION STORMWATER PLANTERS SHOULD NOT RECEIVE DRAINAGE FROM IMPERVIOUS AREAS GREATER THAN 15,000 SQUARE FEET.
  2. INFILTRATION PLANTERS SHOULD BE LOCATED AT A MINIMUM DISTANCE OF TEN FEET FROM STRUCTURES.
  3. RIP-RAP MUST BE PLACED BELOW DOWNSPOUTS OR WHERE STORMWATER ENTERS THE PLANTER TO PREVENT EROSION.
  4. STORMWATER PLANTERS ARE DESIGNED TO POND WATER LESS THAN 12 HOURS, WITH A MAXIMUM OF PONDING DEPTH OF 12 INCHES.
  5. FLOW-THROUGH AND INFILTRATION PLANTERS MUST HAVE A MINIMUM WIDTH OF 1.5 AND 2.5 FEET, RESPECTIVELY.
  6. SOILS SPECIFICATIONS FOR THE STORMWATER PLANTERS GROWING MEDIUM SHOULD ALLOW AN INFILTRATION RATE OF 2 INCHES PER HOUR, AND 5 INCHES AN HOUR FOR THE DRAINAGE LAYER.
  7. SOIL COMPACTION MUST BE NO GREATER THAN 85% IN THE PLANTER.
  8. THE GROWING MEDIUM DEPTH FOR ALL THREE STORMWATER PLANTERS TYPES SHOULD BE AT LEAST 18 INCHES. GROWING MEDIA SHOULD BE A UNIFORM MIXTURE OF 70% SAND (100% PASSING THE 1-INCH SIEVE AND 5% PASSING THE NO. 200 SIEVE) AND 30% TOPSOIL WITH AN AVERAGE OF 5% ORGANIC MATERIAL, SUCH AS COMPOST OR PEAT, FREE OF STONES, ROOTS AND WOODY DEBRIS AND ANIMAL WASTE.
  9. FOR INFILTRATION AND FLOW-THROUGH PLANTERS THE DRAINAGE LAYER SHOULD HAVE A MINIMUM DEPTH OF 12 INCHES. DRAINAGE LAYER SHOULD BE CLEAN SAND WITH 100% PASSING THE 1-INCH SIEVE AND 5% PASSING THE NO. 200 SIEVE.
  10. A MINIMUM INFILTRATION DEPTH OF 3 FEET SHOULD BE PROVIDED BETWEEN THE BOTTOM OF THE INFILTRATION PRACTICE AND ANY IMPERMEABLE BOUNDARIES, SUCH AS THE SEASONAL HIGH GROUNDWATER LEVEL OR ROCK.
  11. INFILTRATION PLANTERS MUST BE DESIGNED AND CONSTRUCTED WITH NO LONGITUDINAL OR LATERAL SLOPE.

INFILTRATION STORMWATER PLANTER  
(WITH UNDER DRAIN)

23



- NOTES:
1. INSTALL AS PER MANUFACTURES TECHNICAL SPECIFICATIONS AND INSTALLATION PROCEDURES.
  2. GRAVEL PAVERS TO WITHSTAND HS-20 LOADING.

GRAVEL PAVE  
(GRAVELPAVE2)

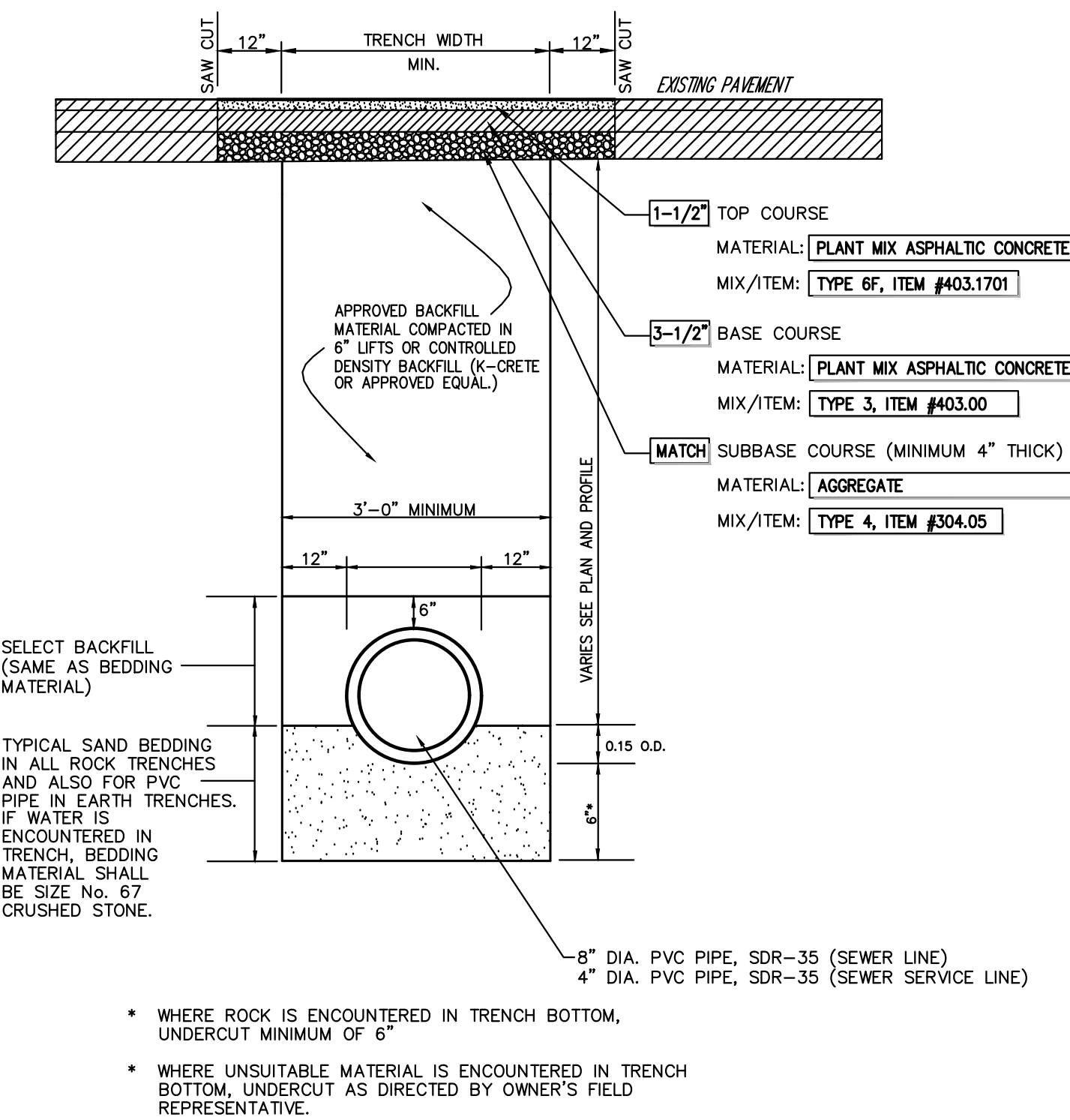
CAST-IN-PLACE CONCRETE CURB

24

- NOTES:
1. THICKNESSES INDICATED REFER TO COMPACTED MEASURE.
  2. MATERIAL AND MIX/ITEM NUMBERS REFER TO:  
NEW YORK STATE  
DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS

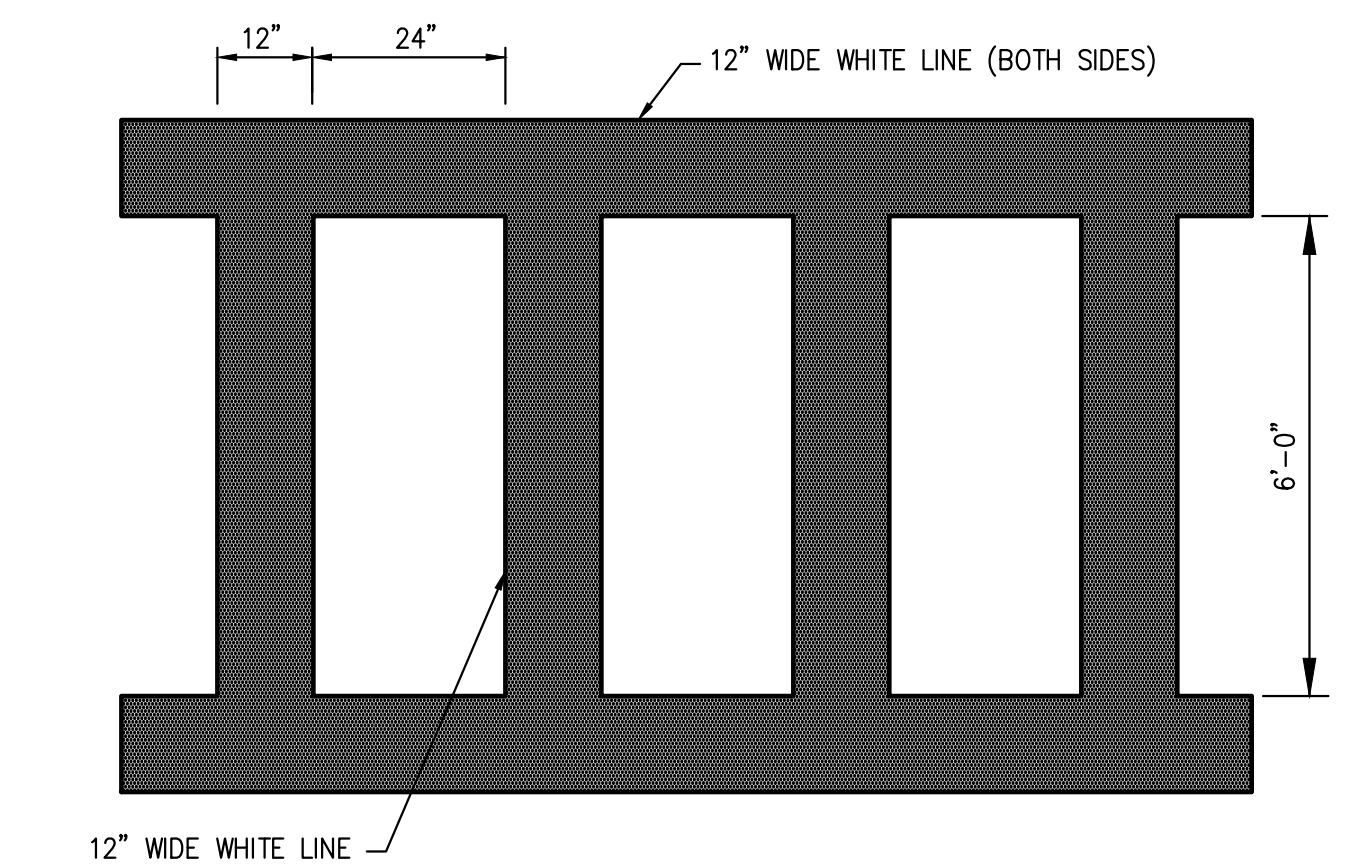
SITE PAVEMENT  
(Heavy Duty)

25



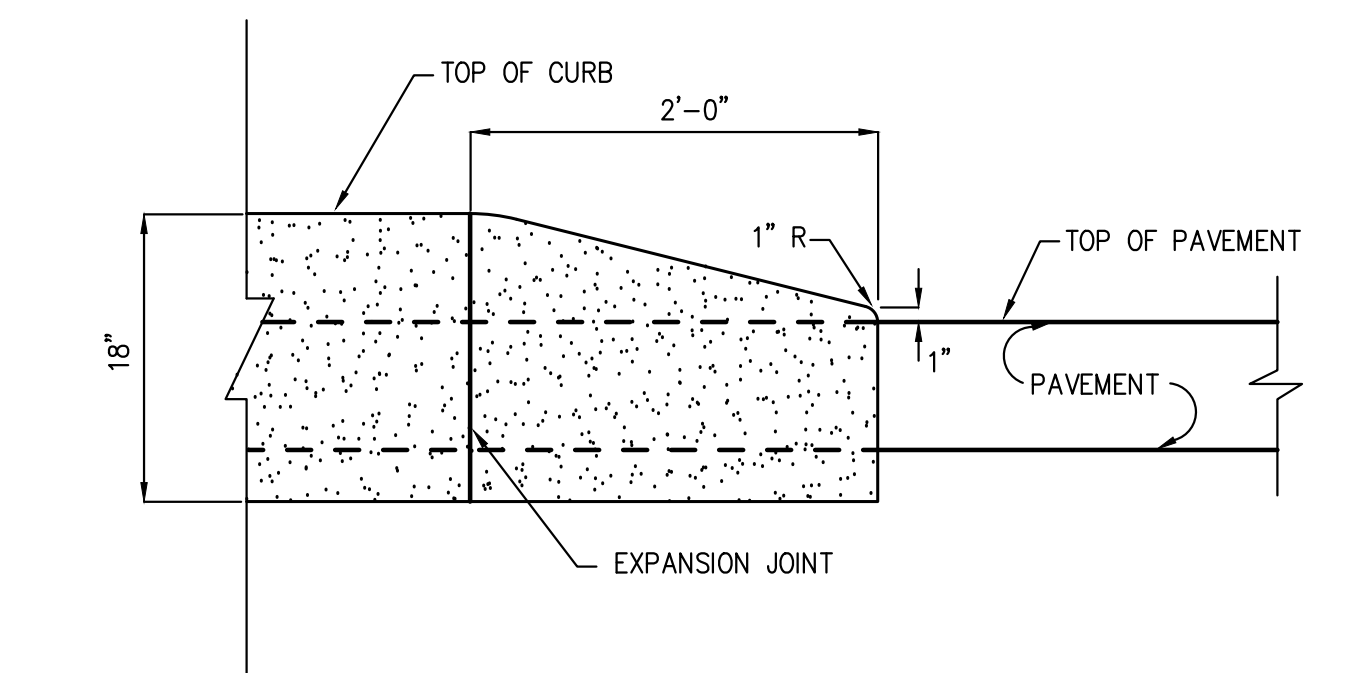
TRENCH PAVEMENT REPLACEMENT

26



PEDESTRIAN CROSSING

29



CONCRETE CURB ENDING

30

No.	Revision	Date
1.	REVISED PER PRC COMMENTS	03/31/2023
2.	REVISED PER TOWN COMMENTS	05/02/2023
3.	REVISED PER TOWN COMMENTS	10/23/2023

APPLICANT/OWNER:  
**RAWLAND HOLDINGS, LLC**  
96 FRENEAU AVENUE  
MATAMoras, NEW JERSEY 07747

ARCHITECT:  
**MICHELLE DROLETTE ARCHITECT, LLC**  
129 EAST HIGH STREET  
HELLERTOWN, PA 18055

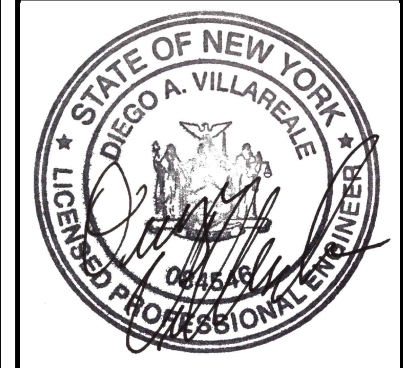
JMC Planning, Engineering, Landscape  
Architecture & Land Surveying, PLLC  
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voice 914.273.5225 • fax 914.273.2102  
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**JMC**

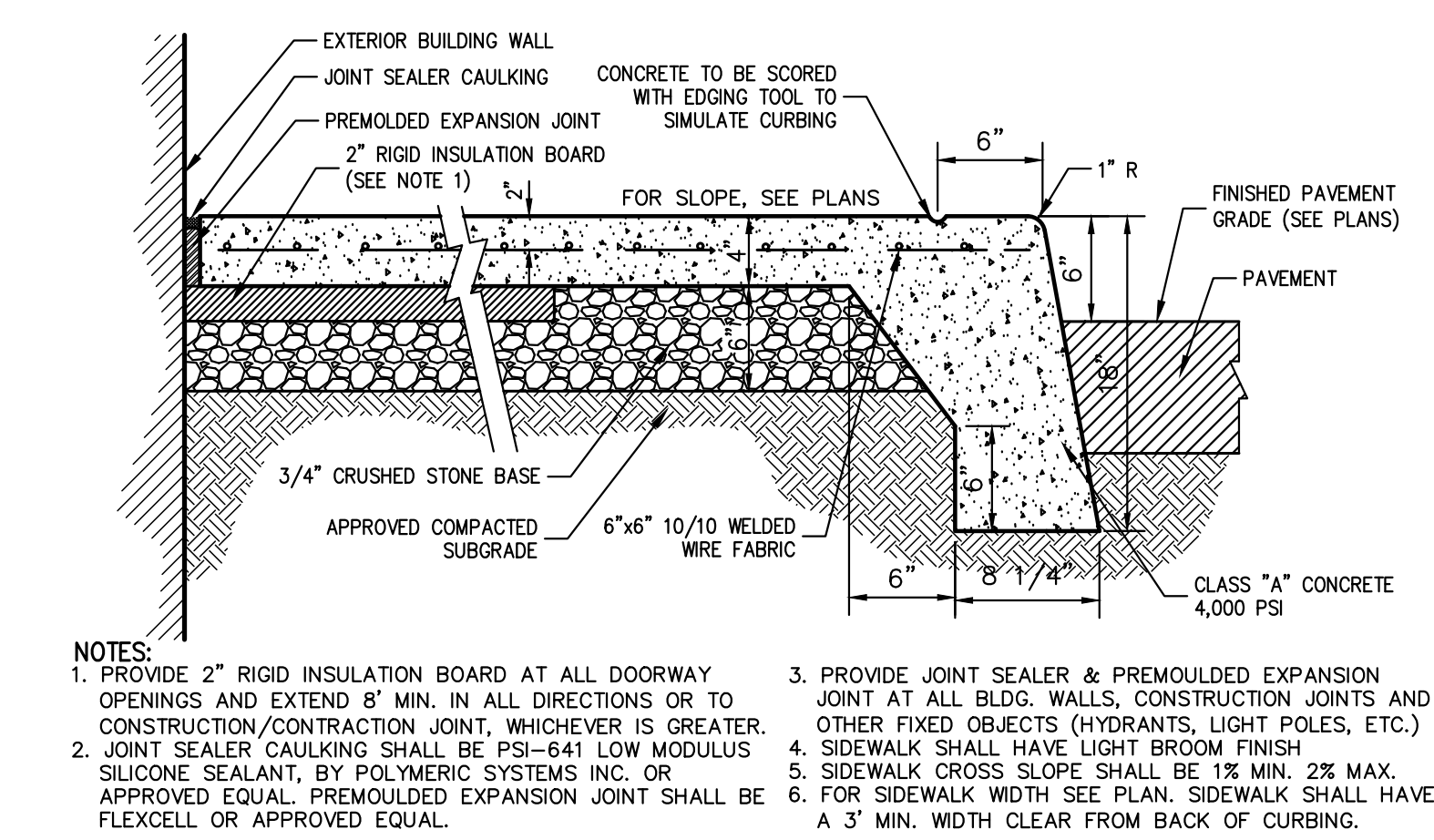
CONSTRUCTION DETAILS

DATA CENTER BUILDING EXPANSION  
1 RAWLAND ROAD  
TOWN OF ORANGE TOWN, NEW YORK

ANY ALTERATION OF PLANS,  
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SURVEYOR IS A VIOLATION OF  
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EXCEPT AS PROVIDED FOR BY  
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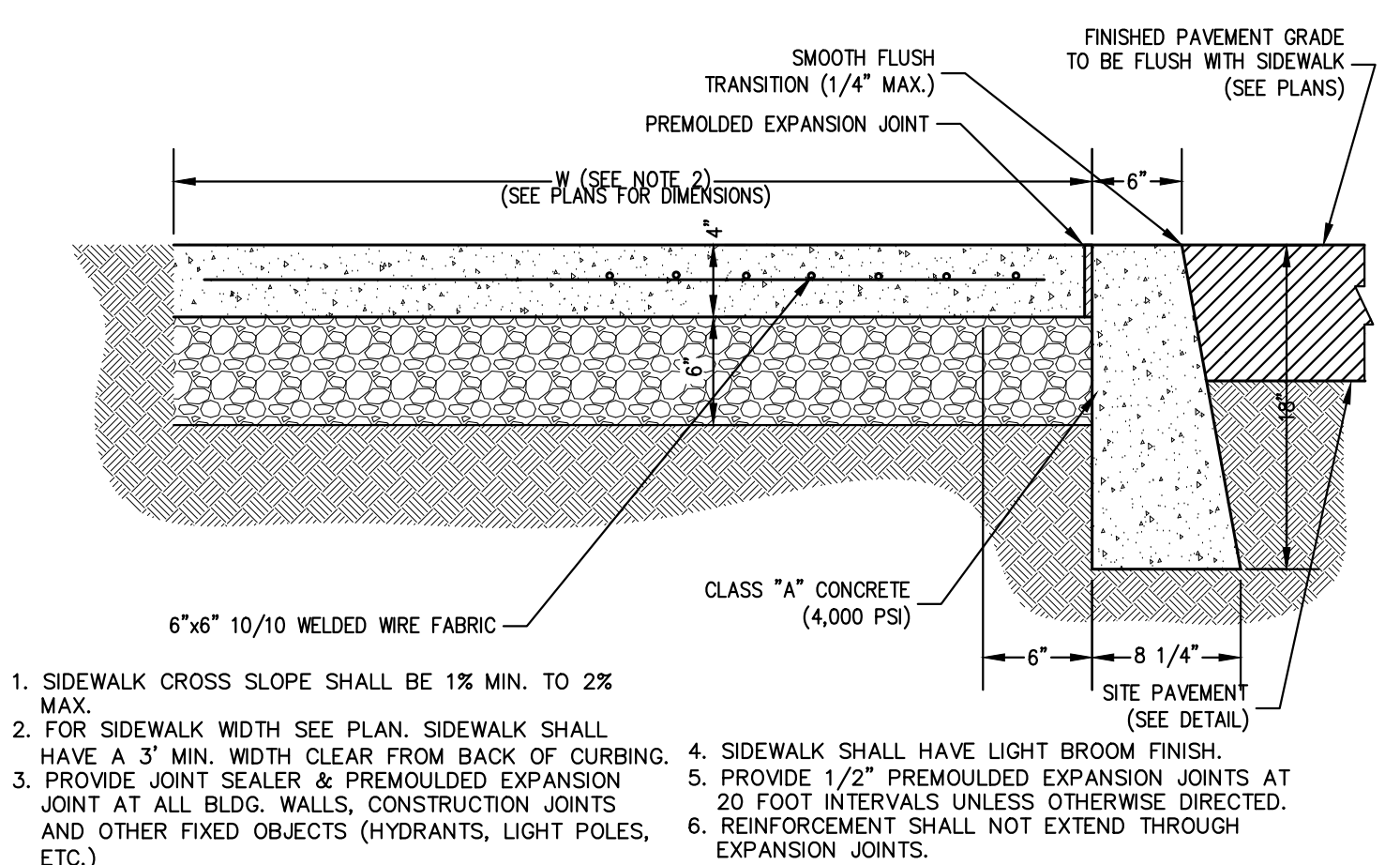


Drawn: **RR** Approved: **BD**  
Scale: **NOT TO SCALE**  
Date: **10/18/2022**  
Project No: **13016**  
1306-GENUS C-903  
Drawing No: **C-903**



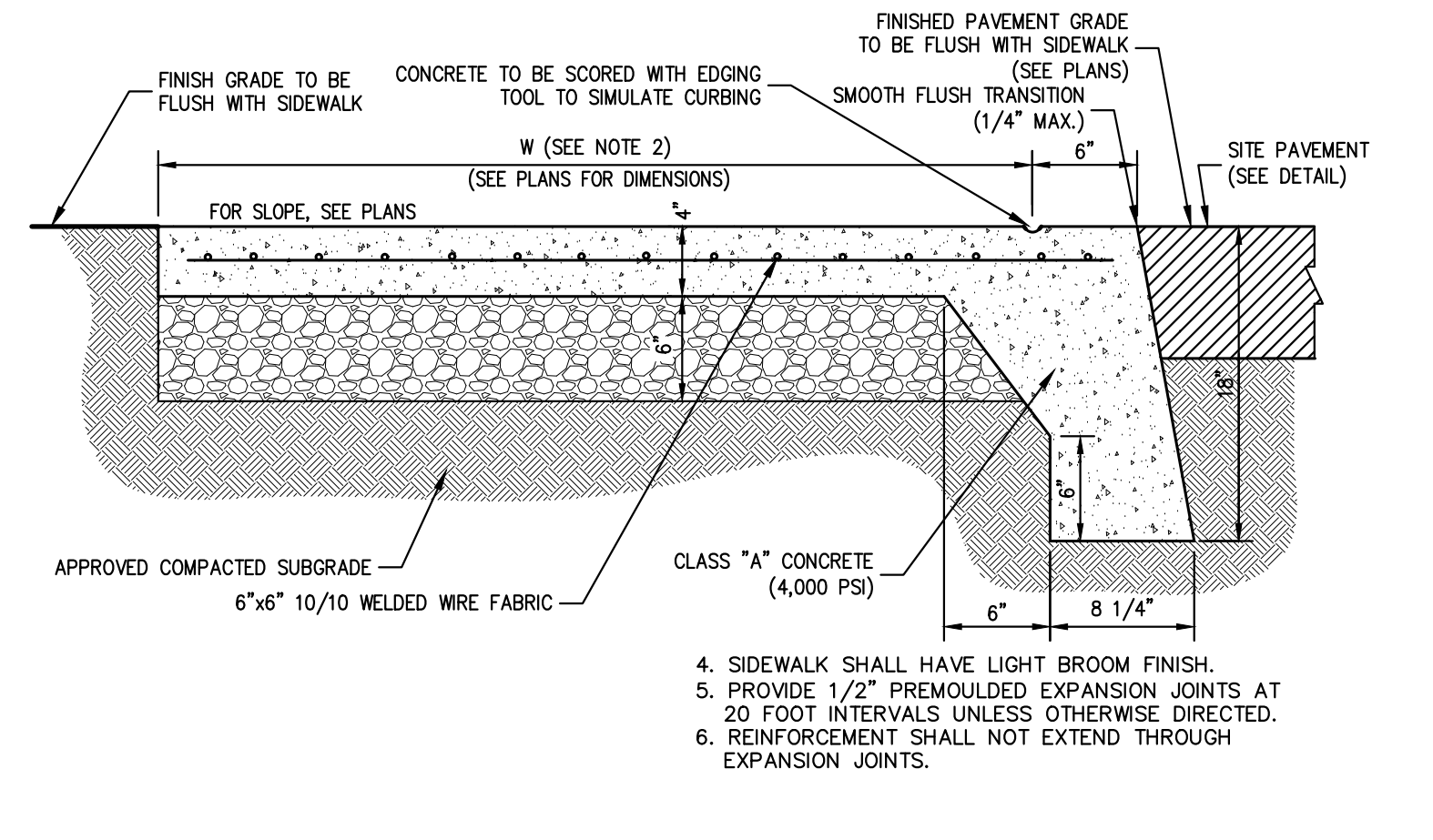
**BUILDING PERIMETER MONOLITHIC CURB & SIDEWALK**

31



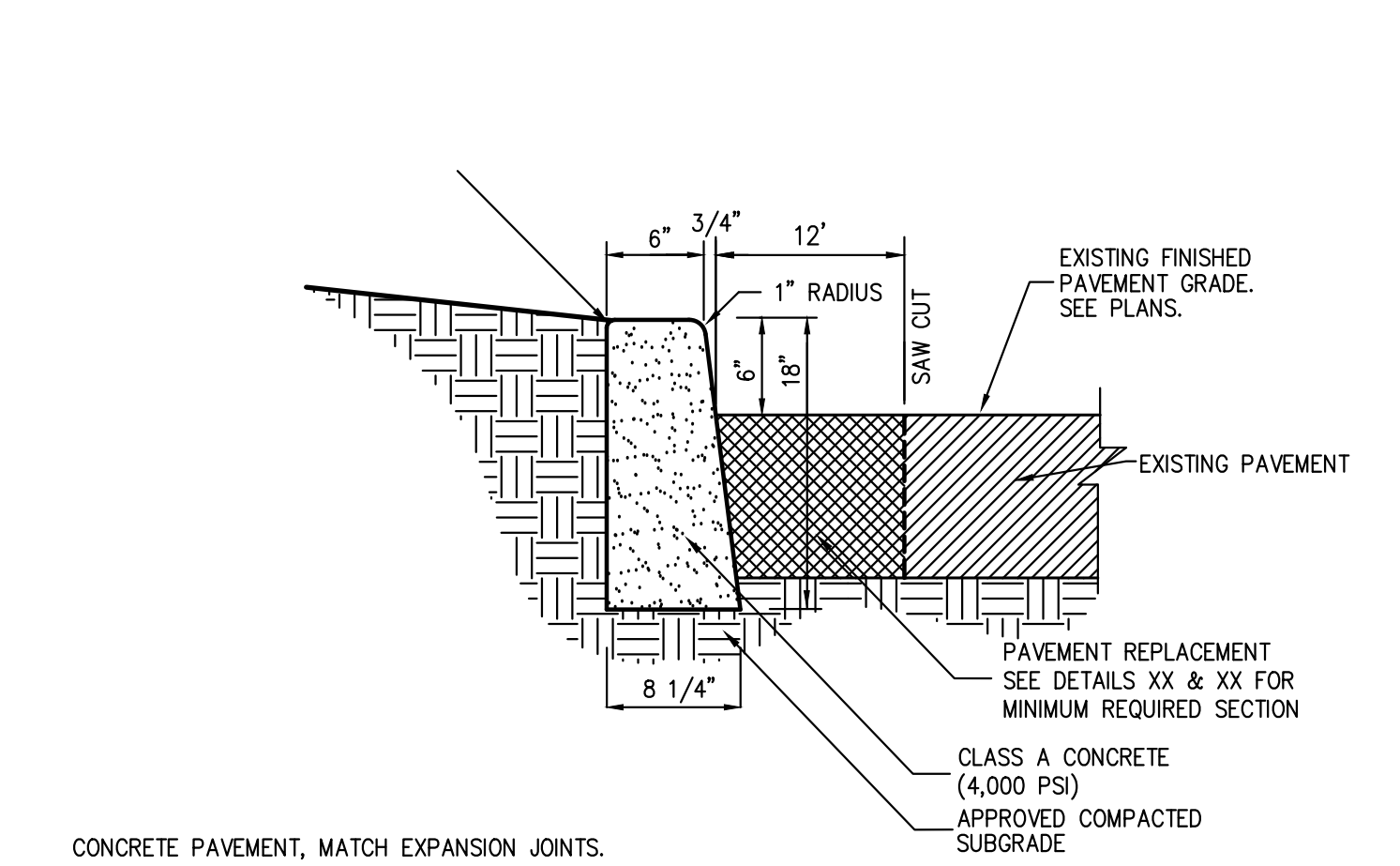
**CONCRETE FLUSH CURB AND SIDEWALK**

33



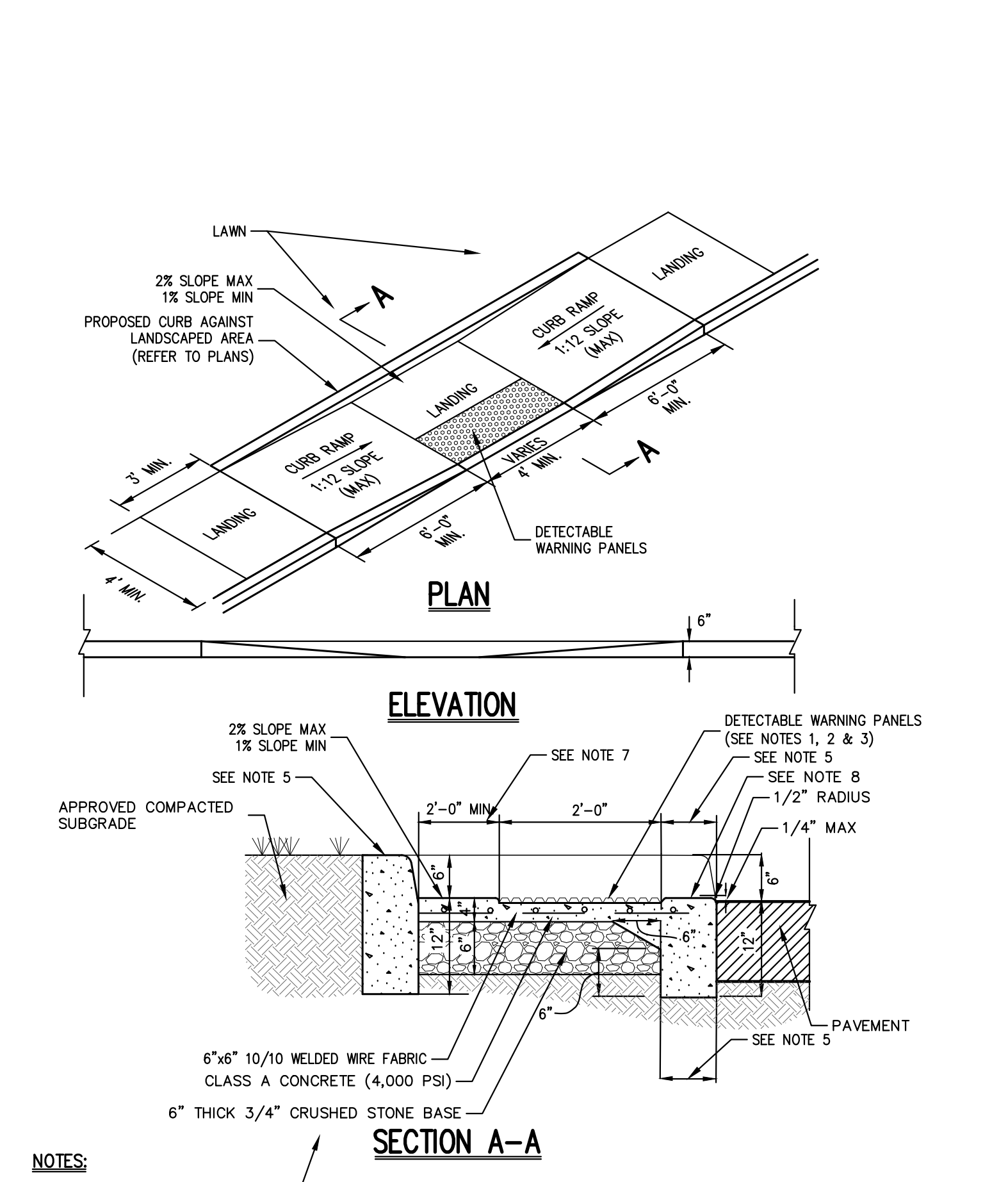
**MONOLITHIC CONCRETE FLUSH CURB AND SIDEWALK**

32



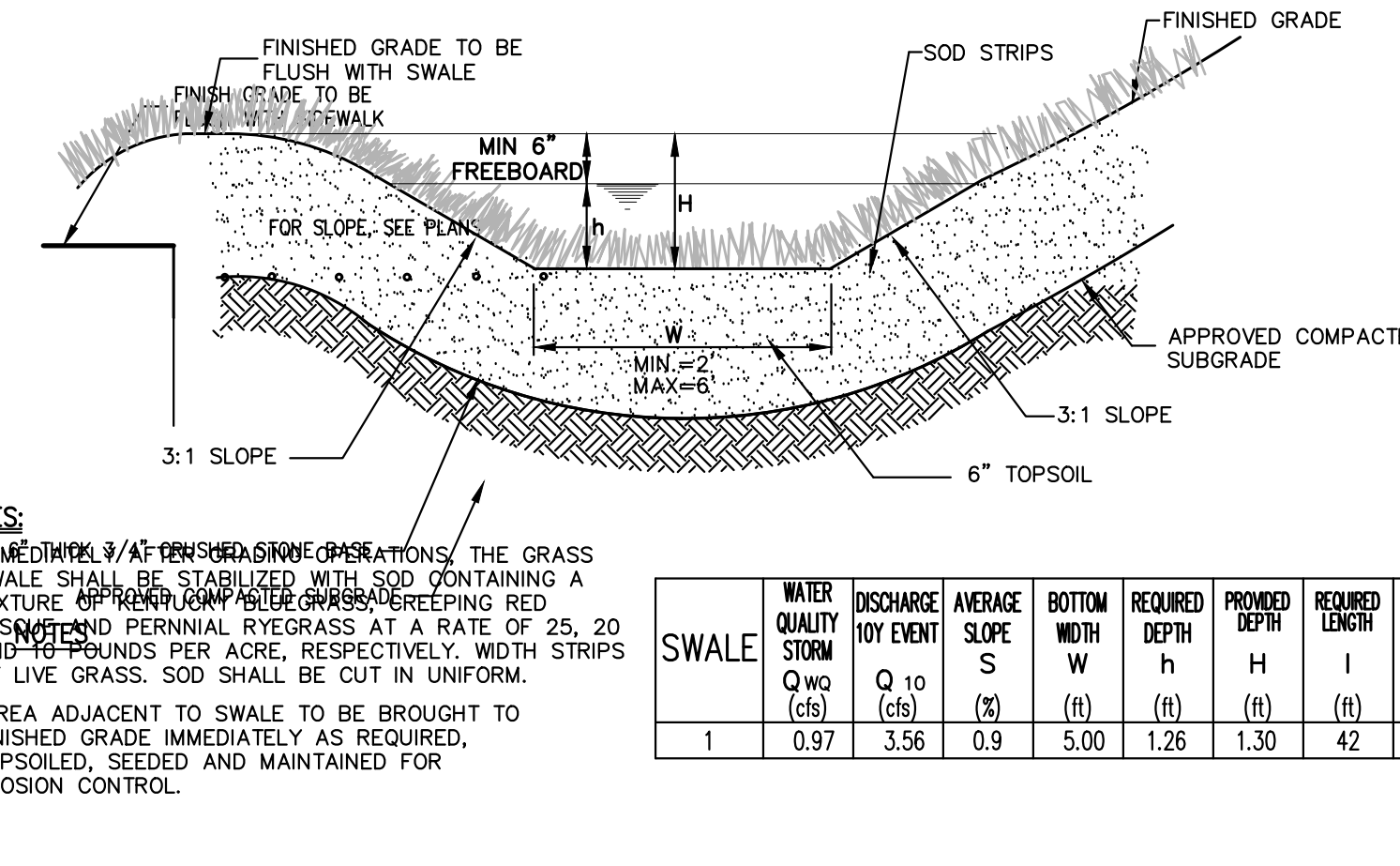
**CAST-IN-PLACE CONCRETE CURB (IN EXISTING PAVEMENT)**

34



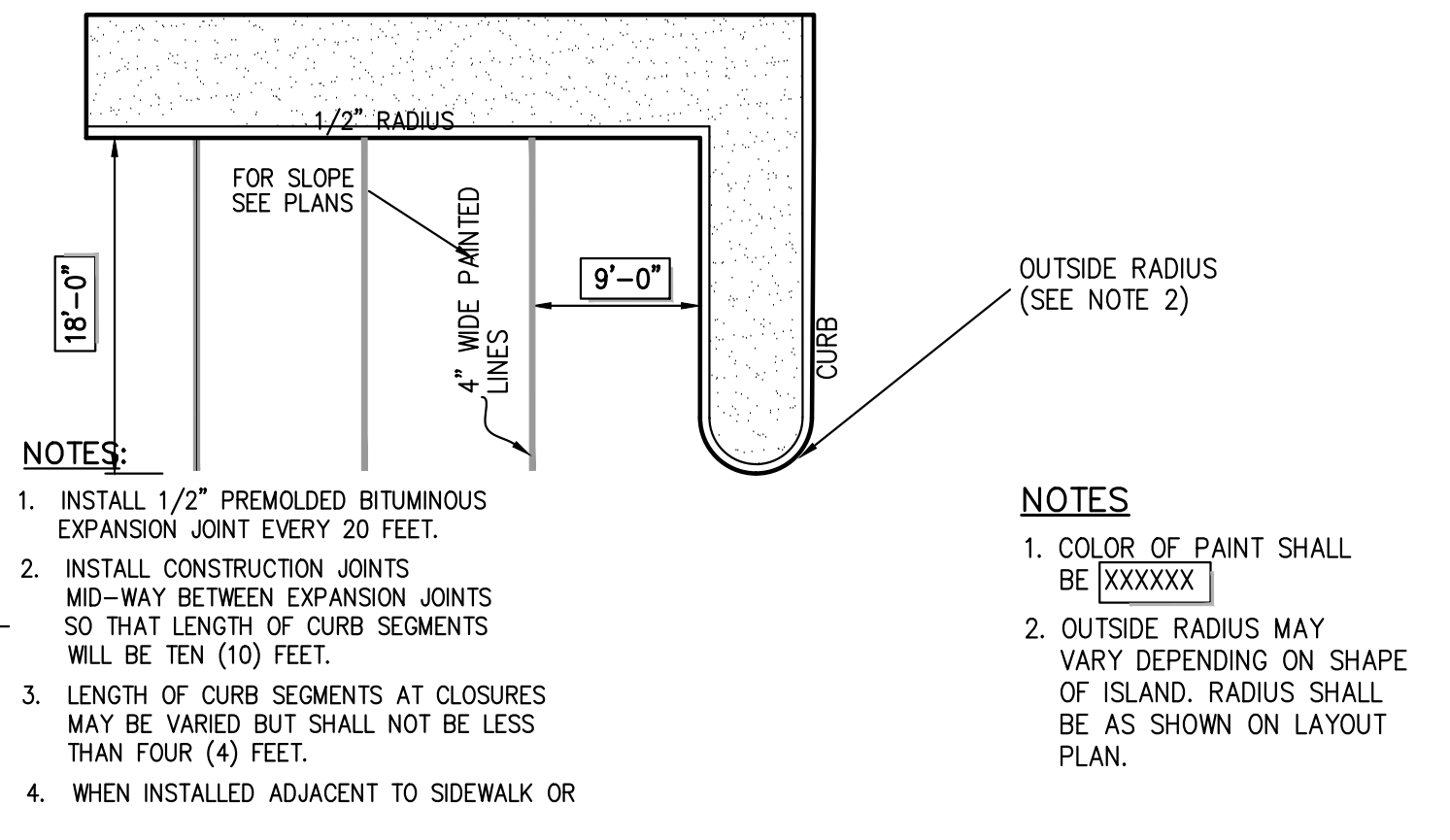
**DROP CURB & RAMP (TYPE B)**

37



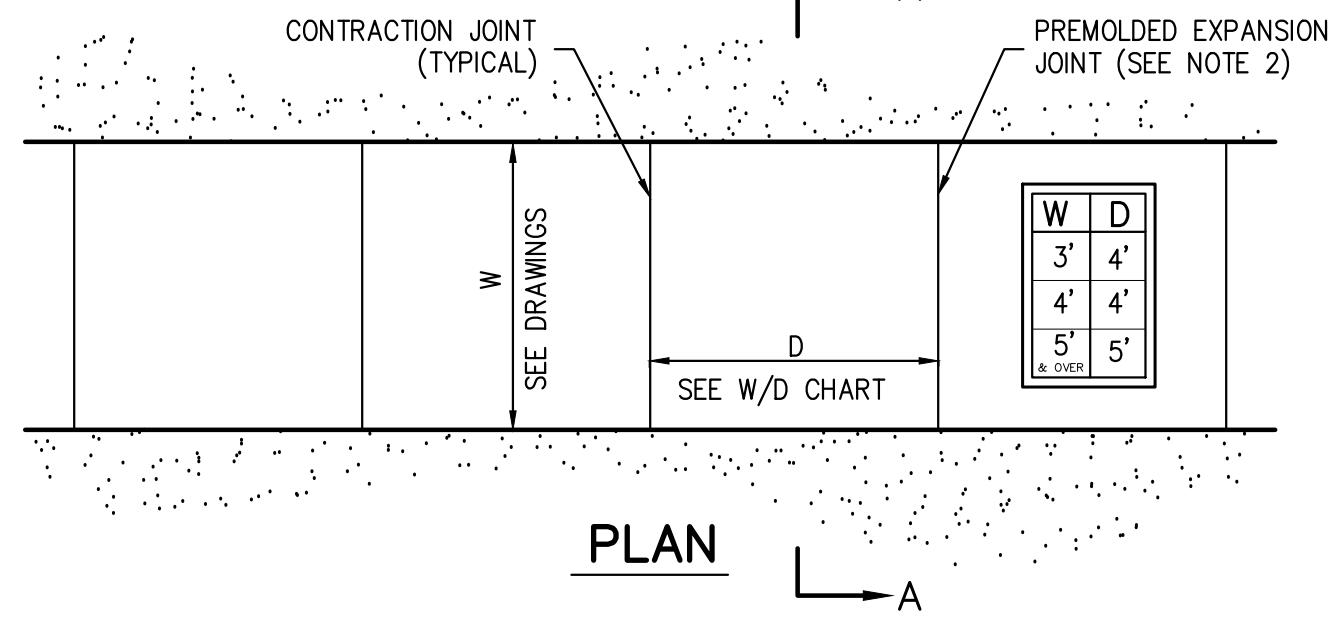
**VEGETATED SWALE**

38



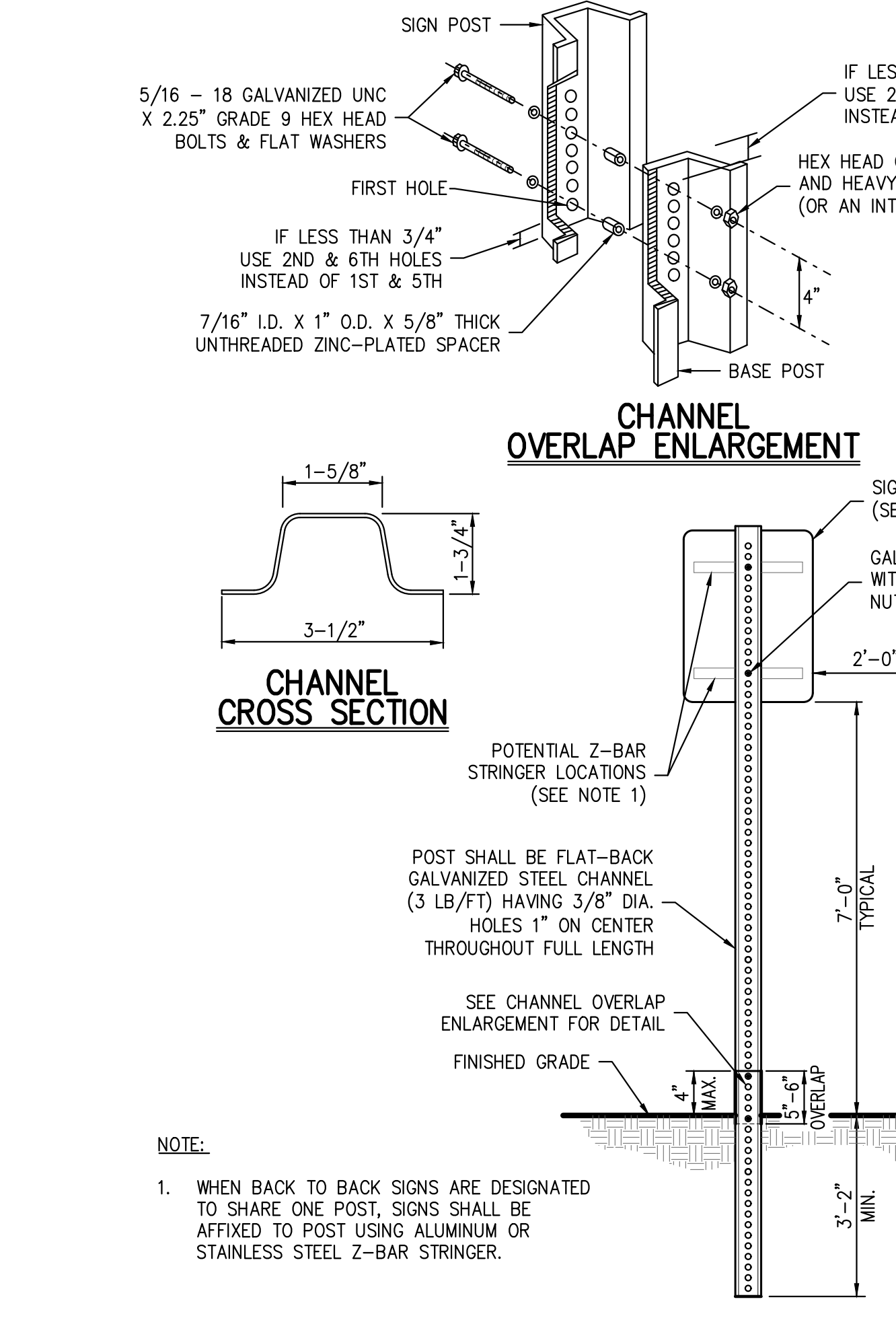
**90° PARKING (SINGLE STRIPING-CURBED END)**

39



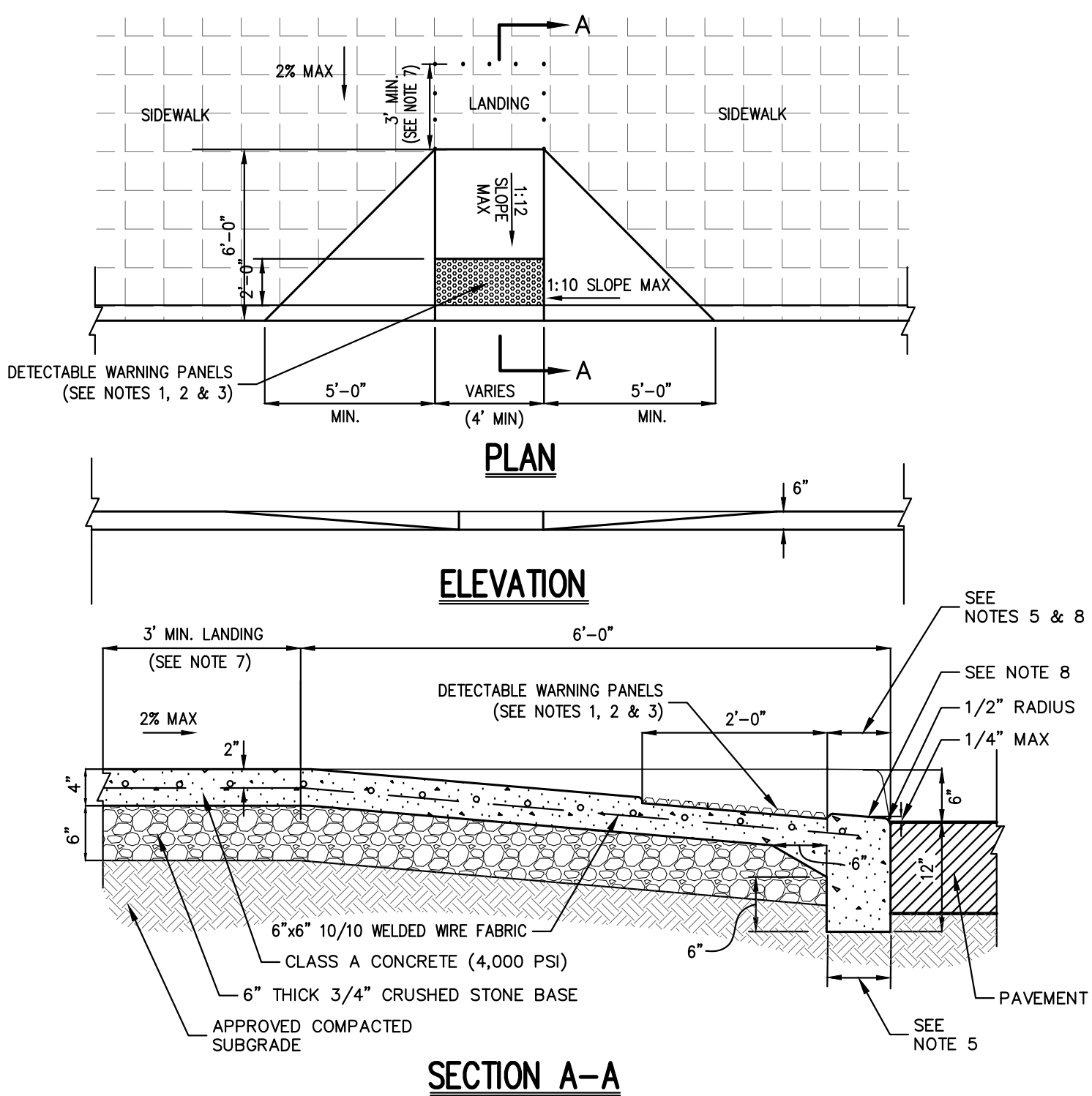
**CONCRETE SIDEWALK**

35



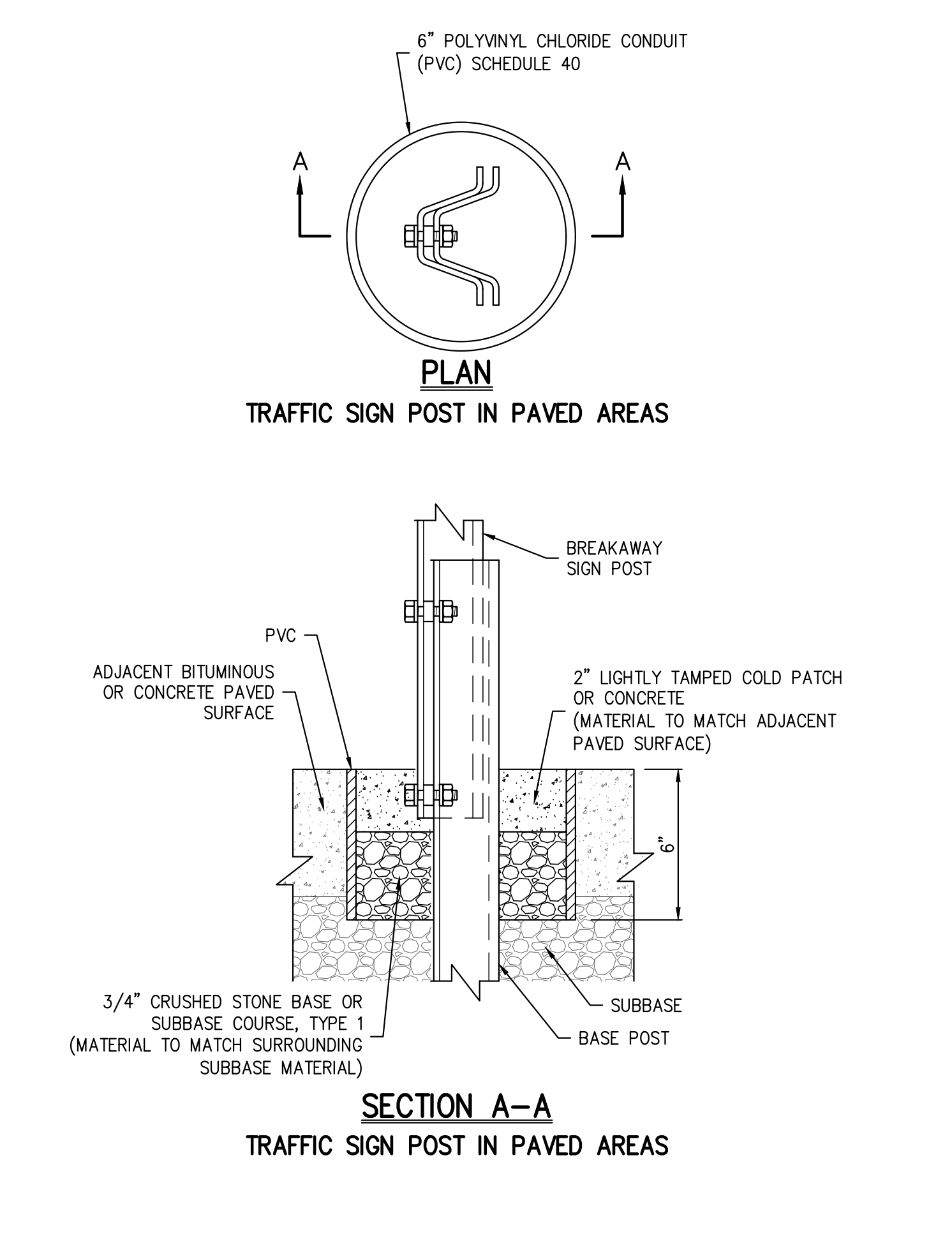
**TRAFFIC SIGN POST (BREAKAWAY STEEL CHANNEL)**

40



**DROP CURB & RAMP (TYPE A) WITH DETECTABLE WARNING**

36



**TRAFFIC SIGN POST (TRAFFIC SIGN POST IN PAVED AREAS)**

40

APPLICANT/OWNER: **RAWLAND HOLDINGS, LLC**  
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ARCHITECT: **MICHELLE DROLETTE ARCHITECT, LLC**  
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**CONSTRUCTION DETAILS**  
DATA CENTER BUILDING EXPANSION  
1 RAWLAND ROAD  
TOWN OF ORANGE TOWN, NEW YORK

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State of New York  
Professional Engineer  
No. 13016  
Date: 10/18/2022  
Project No: 13016  
Drawing No: C-904

Scale: NOT TO SCALE

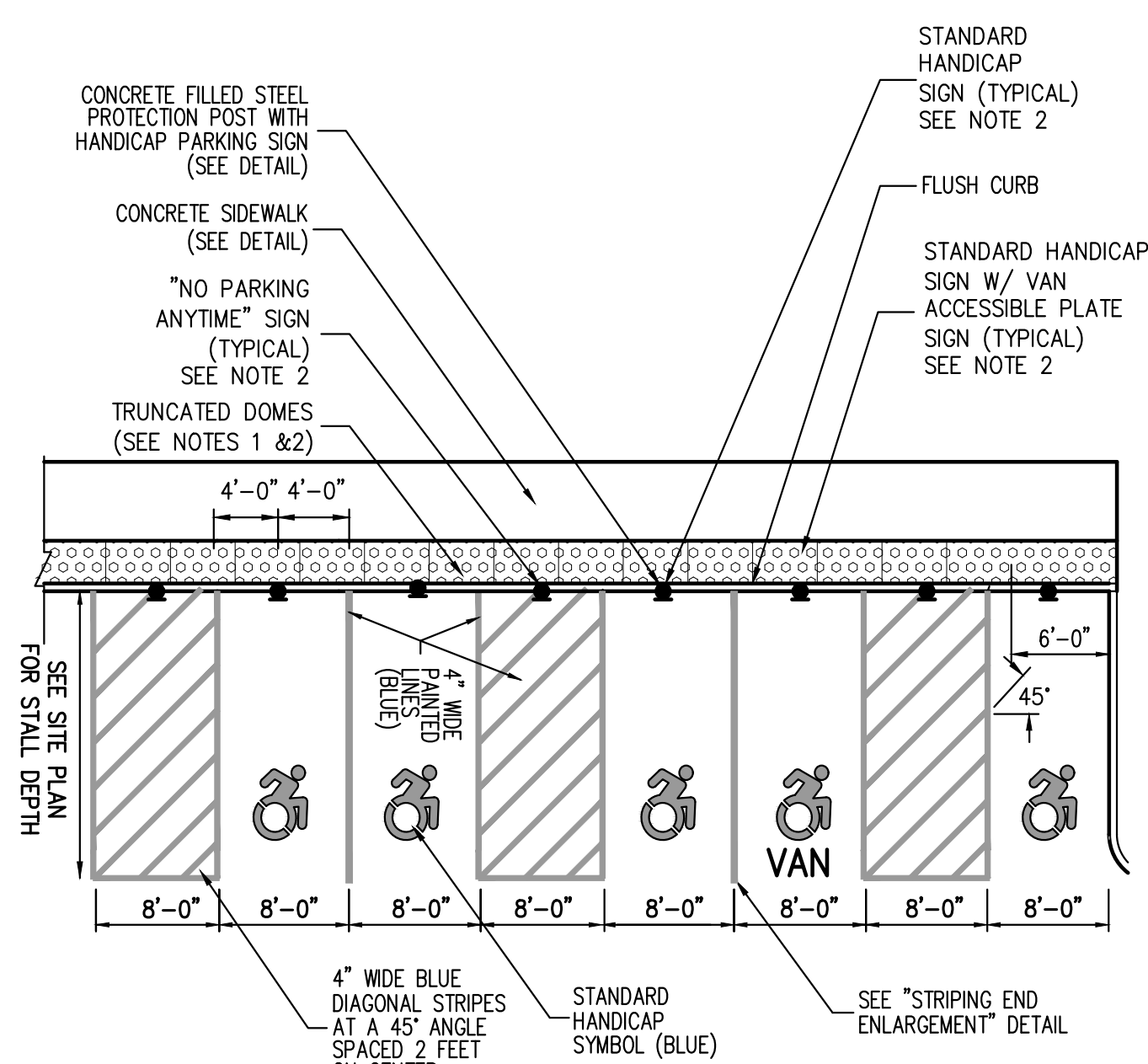
By: [Signature] Date: 10/18/2022

Revised: 10/18/2022

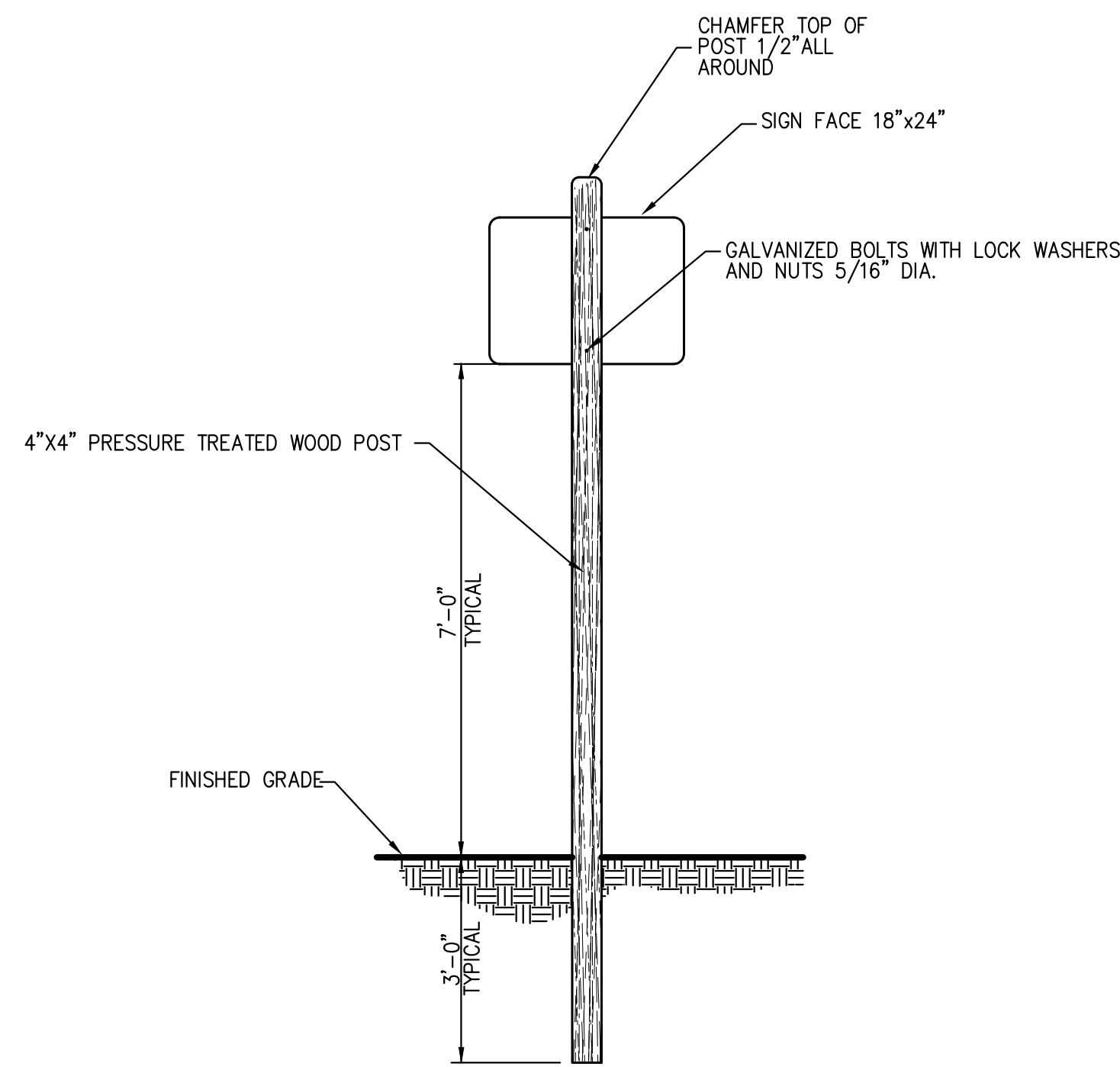
1. REVISED PER PRC COMMENTS

2. REVISED PER TOWN COMMENTS

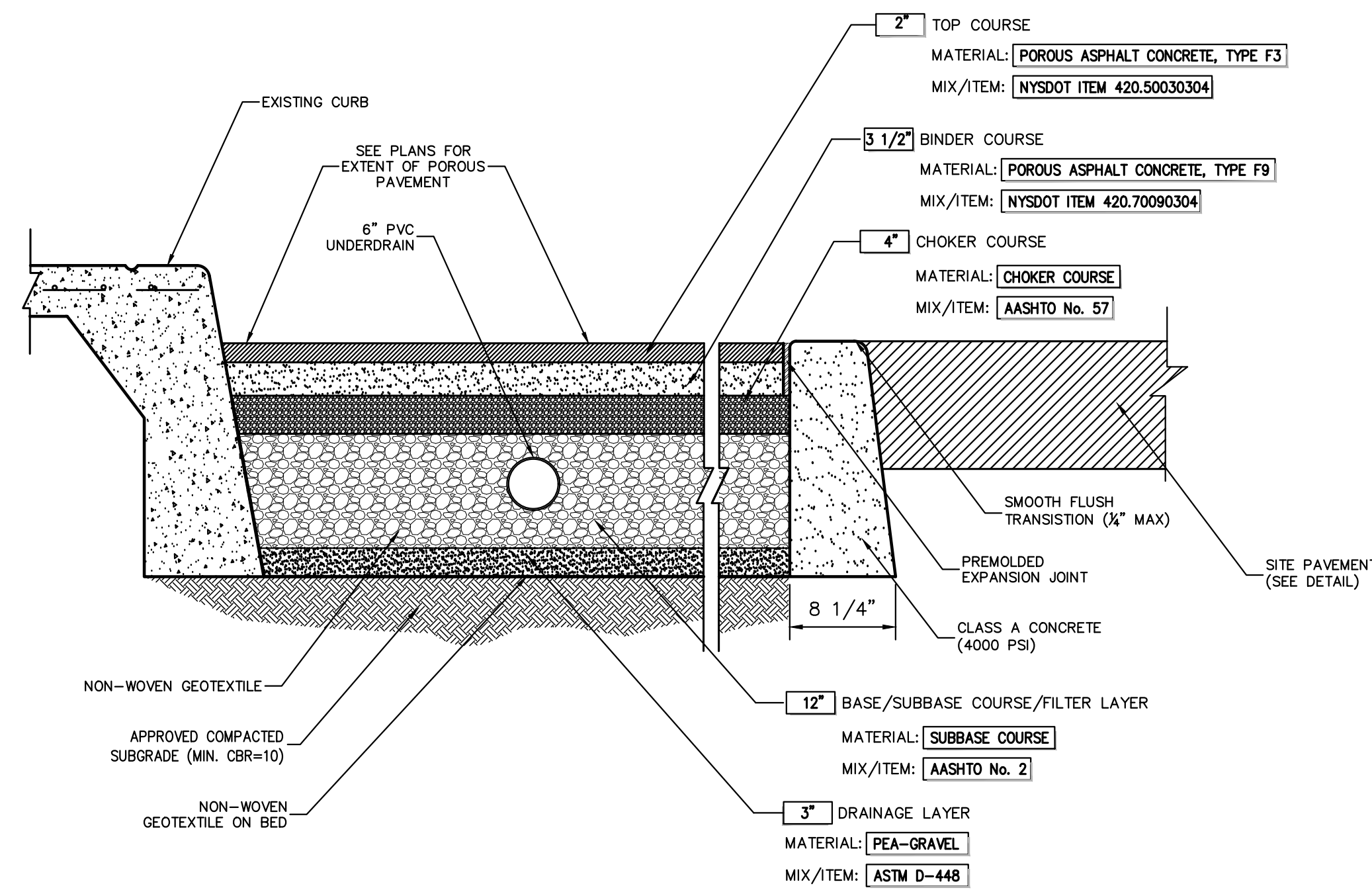
3. REVISED PER TOWN COMMENTS



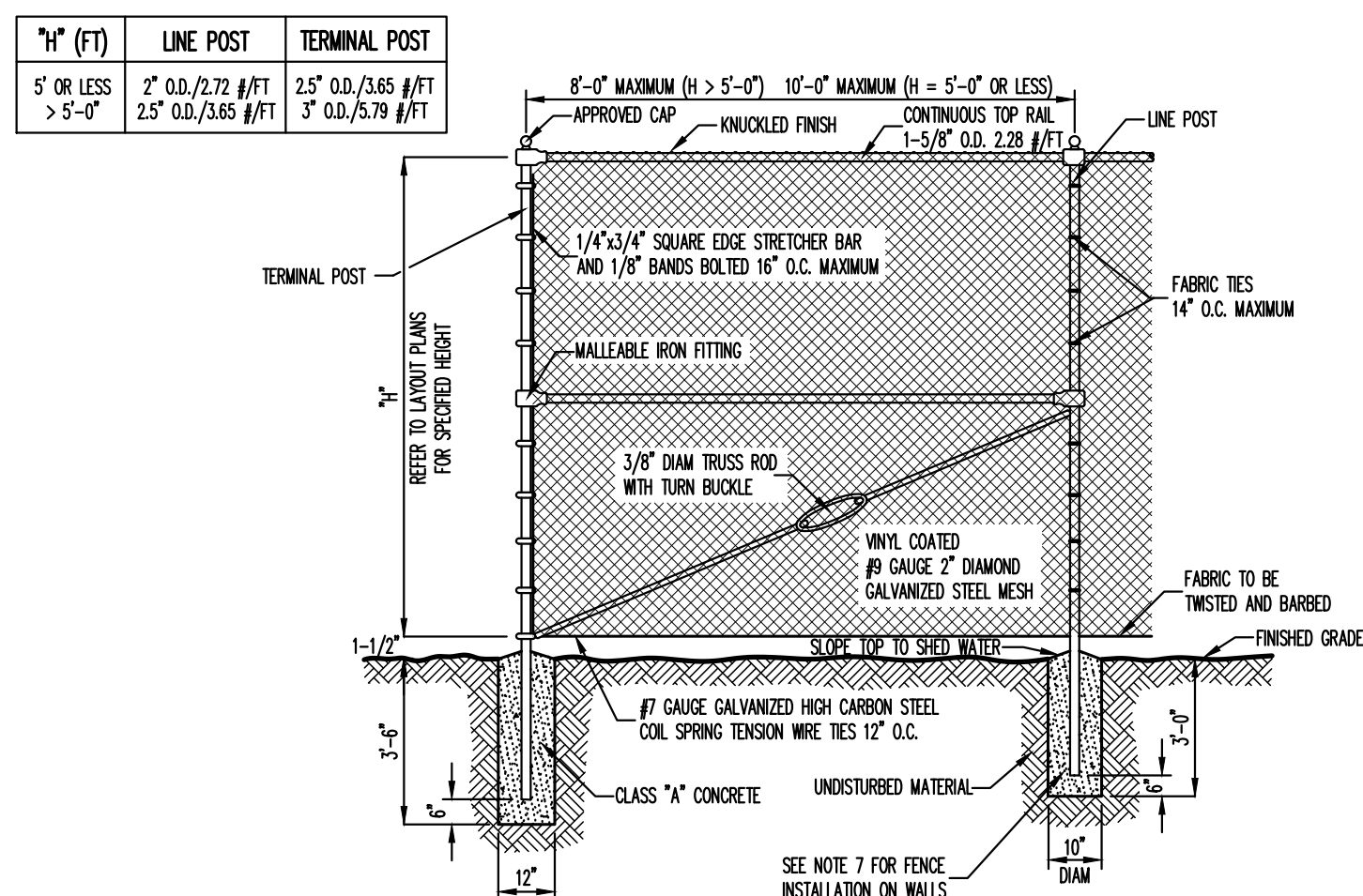
- NOTES:**
- RAMPS AND SIDE RAMPS SHALL HAVE DETECTABLE WARNINGS CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 INCHES.
  - THEY SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT IN ACCORDANCE WITH SECTION 4.29.2, FEDERAL REGISTER, VOLUME 36, NO. 144, RULES AND REGULATIONS, APPENDIX A TO PART 36 - STANDARDS FOR ACCESSIBLE DESIGN (AMERICANS WITH DISABILITIES ACT), DATED JULY 26, 1991 AND SUBSEQUENT REVISIONS.
  - SLOPES IN HANDICAP PARKING AREAS SHALL NOT EXCEED 1:50.
  - SEE SITE PLANS/SIGN TABLE FOR SIGN DESIGNATIONS, LOCATIONS AND SPECIFICATIONS.



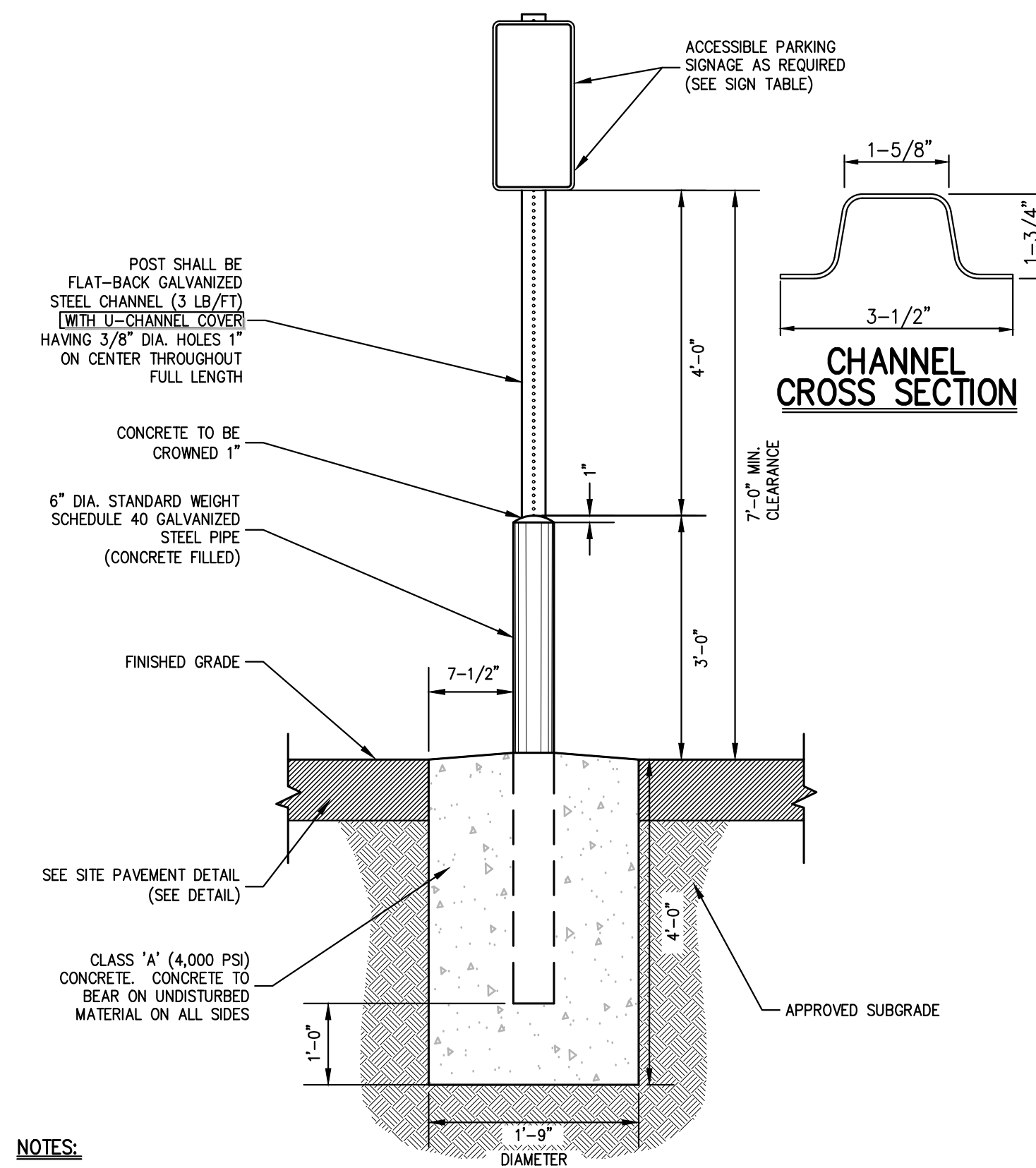
- NOTES:**
- THE SIGN MUST BE ERECTED IN THE IMMEDIATE VICINITY OF THE STORMWATER PRACTICE, BEARING THE FOLLOWING INFORMATION:  
STORMWATER MANAGEMENT PRACTICE-(NAME OF THE PRACTICE)  
PROJECT IDENTIFICATION-(SPDES CONSTRUCTION PERMIT #)  
MUST BE MAINTAINED IN ACCORDANCE WITH O&M PLAN  
DO NOT REMOVE OR ALTER
  - A SHOP DRAWING OF THE PROPOSED SIGN WITH ALL PERTINENT INFORMATION SHALL BE PROVIDED TO JOHN MEYER CONSULTING PRIOR TO FABRICATION AND INSTALLATION.



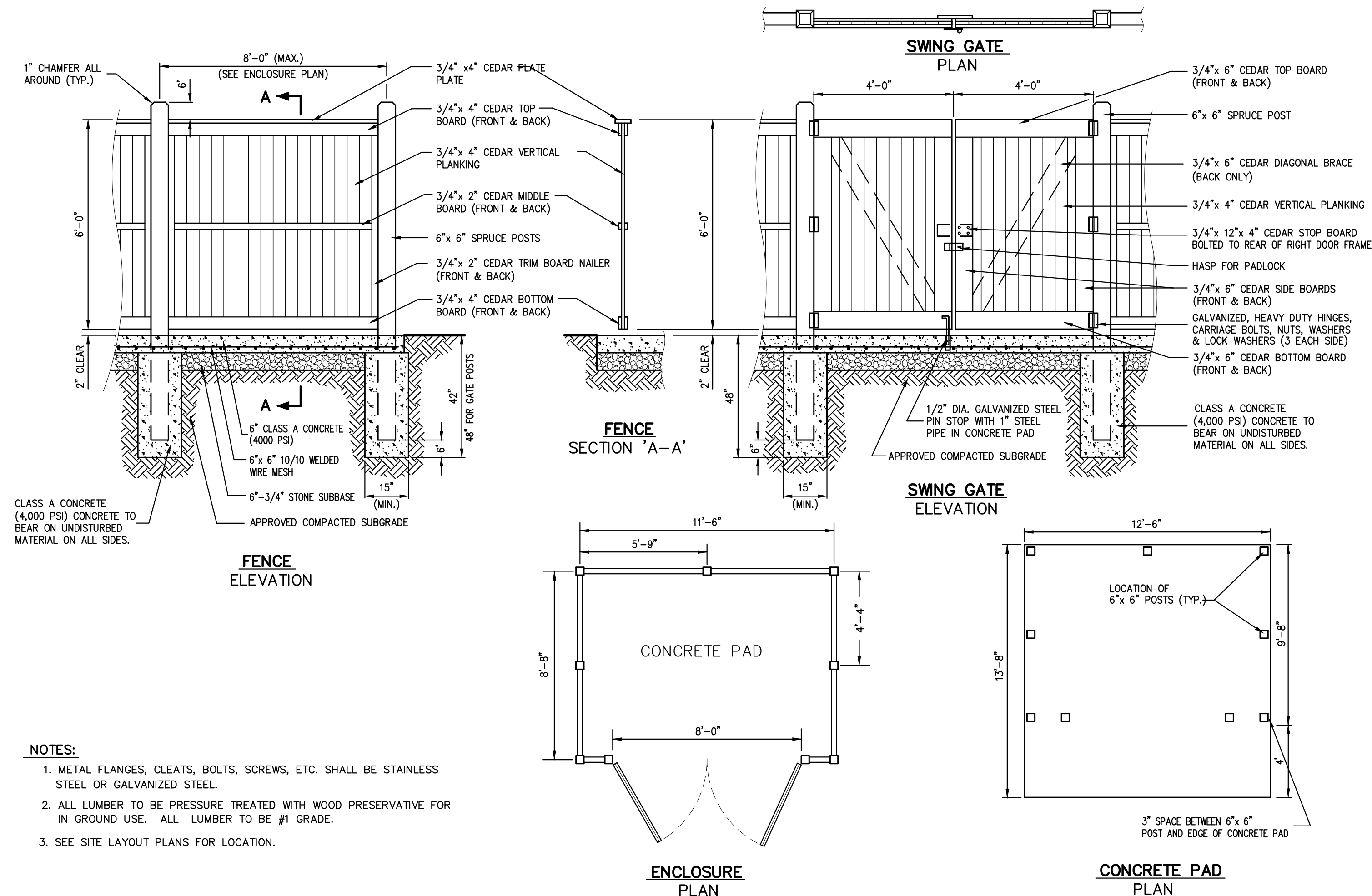
- POROUS PAVEMENT NOTES:**
- THICKNESSES INDICATED REFER TO COMPACTED MEASURE.
  - MATERIAL AND MIX/ITEM NUMBERS REFER TO NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), AND AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).



- NOTES:**
- ALL POSTS, RAILS, FABRIC AND ACCESSORIES SHALL BE VINYL COATED. COLOR OF VINYL COATING SHALL BE BLACK.
  - POST AND RAILS SHALL BE STANDARD FULL WEIGHT VINYL COATED GALVANIZED SCHEDULE 40 PIPE MANUFACTURED AND GALVANIZED IN ACCORDANCE WITH ASTM A-120. ALL MATERIALS SHALL BE NEW AND FIRST CLASS AND SHALL NOT INCLUDE RECONDITIONED OR ROLLED PIPE.
  - FITTINGS SHALL BE VINYL COATED MALLEABLE IRON FITTINGS CONFORMING TO THE REQUIREMENTS OF ASTM A-47 GALVANIZED IN ACCORDANCE WITH ASTM A-153.
  - FABRIC SHALL BE 9 GAUGE GALVANIZED 2" MESH WHICH SHALL BE VINYL CLAD IN CONFORMANCE WITH THE REQUIREMENTS OF AASHTO M-181. TYPE II. VINYL COATING SHALL BE FINELY AND CONTINUOUSLY EXTRUSION BONDED TO THE GALVANIZED STEEL WIRE. TOP SERVICE SHALL HAVE KNOCKED FINISH.
  - TENSION WIRE SHALL BE VINYL COATED 7 GAUGE MEETING THE REQUIREMENTS OF ASTM A-641 AS MODIFIED HEREIN. THE TENSILE STRENGTH SHALL BE AT LEAST 80,000 PSI WITH A GALVANIZED COATING OF NOT LESS THAN 0.7 OZ. PER SQUARE FOOT.
  - FABRIC TIES SHALL BE MINIMUM 9 GAUGE VINYL COATED GALVANIZED STEEL OR ALUMINUM. MINIMUM SPACING SHALL BE AS FOLLOWS:  
A. 14" O.C. AT LINE POSTS  
B. 24" O.C. AT TOP RAIL  
C. 12" O.C. AT TENSION WIRE
  - WHERE CHAIN LINK FENCE IS TO BE INSTALLED ON WALLS, THE FENCE POSTS SHALL BE IMBEDDED A MINIMUM OF TWELVE (12) INCHES IN THE WALL. NEWLY CONSTRUCTED WALLS SHALL BE PROVIDED WITH PROPER SIZE SLEEVES TO ACCOMMODATE FENCE POSTS. FENCE POSTS SHALL BE SECURELY GROUTED IN PLACE USING AN APPROVED HIGH STRENGTH, NON-SHRINKING, NON-STAINING GROUT.
  - THE CONTRACTOR WILL BE REQUIRED TO SUBMIT SHOP AND ERECTION DRAWINGS INDICATING MATERIALS, SIZES AND DIMENSIONS OF FENCING TO THE OWNER'S FIELD REPRESENTATIVE PRIOR TO ORDERING MATERIALS FOR HIS REVIEW AND APPROVAL.
  - PRIOR TO INSTALLATION OF THE FENCE, THE CONTRACTOR SHALL CHECK THE FENCE LAYOUT WITH THE OWNER'S FIELD REPRESENTATIVE WHO MUST APPROVE THE LAYOUT BEFORE ANY OF THE WORK IS TO BE DONE.



- NOTES:**
- GALVANIZED STEEL CHANNEL SHALL BE EMBEDDED A MIN. OF 3 FT. INTO THE CONCRETE.
  - POSTS FOR HANDICAP PARKING STALLS AND ACCESS AISLES SHALL BE PAINTED BLUE AS FOLLOWS:  
A. SOLVENT CLEAN TO REMOVE OIL, GREASE AND OTHER CONTAMINANTS.  
B. APPLY METAL PRIMER FOR GALVANIZED SURFACES.  
C. APPLY TWO (2) FINISH COATS OF APPROVED EXTERIOR PAINT FOR METAL SURFACES.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE PARKING SIGNS, BOLLARDS AND FOUNDATIONS WITH THE DESIGN AND INSTALLATION OF THE SITE SIDEWALKS, CURBS, PAVEMENT AND ANY OTHER SITE FEATURES SHOWN ON THE PLANS.
  - FASTEN SIGN TO POSTS WITH GALVANIZED STEEL BOLTS, LOCK WASHERS, AND NUTS (5/16" DIA.).
  - U-CHANNEL COVERS FOR POSTS SHALL BE BLUE WITH WHITE STRIPE FOR HANDICAP PARKING STALLS AND HANDICAP ACCESS AISLES.



- NOTES:**
- METAL FLANGES, CLEATS, BOLTS, SCREWS, ETC. SHALL BE STAINLESS STEEL OR GALVANIZED STEEL.
  - ALL LUMBER TO BE PRESSURE TREATED WITH WOOD PRESERVATIVE FOR IN GROUND USE. ALL LUMBER TO BE #1 GRADE.
  - SEE SITE LAYOUT PLANS FOR LOCATION.

## CHAIN LINK FENCE (VINYL COATED)

44

## ACCESSIBLE PARKING SIGN DETAIL

45

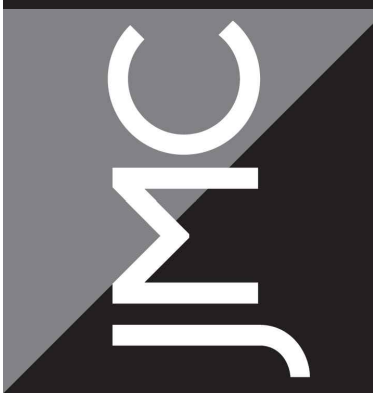
## TRASH ENCLOSURE WITH CONCRETE PAD (WOOD)

46

No.	Revision	Date	By
1.	REVISED PER PRC COMMENTS	03/31/2023	BD
2.	REVISED PER TOWN COMMENTS	05/02/2023	RR
3.	REVISED PER TOWN COMMENTS	10/23/2023	RR

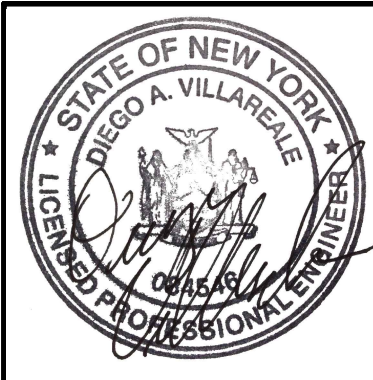
APPLICANT/OWNER: <b>RAWLAND HOLDINGS, LLC</b> 96 FRENEAU AVENUE MATAMORA, NEW JERSEY 07747	ARCHITECT: <b>MICHELLE DROLETTE ARCHITECT, LLC</b> 129 EAST HIGH STREET HELLERTOWN, PA 18055
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JMC Planning, Engineering, Landscape  
Architecture & Land Surveying, PLLC  
JMC Site Development Consultants, LLC  
John Meyer Consulting, Inc.  
120 BEDFORD ROAD • ARTHUR, NY 10504  
voice 914.273.5225 • fax 914.273.2102  
[www.jmcpllc.com](http://www.jmcpllc.com)

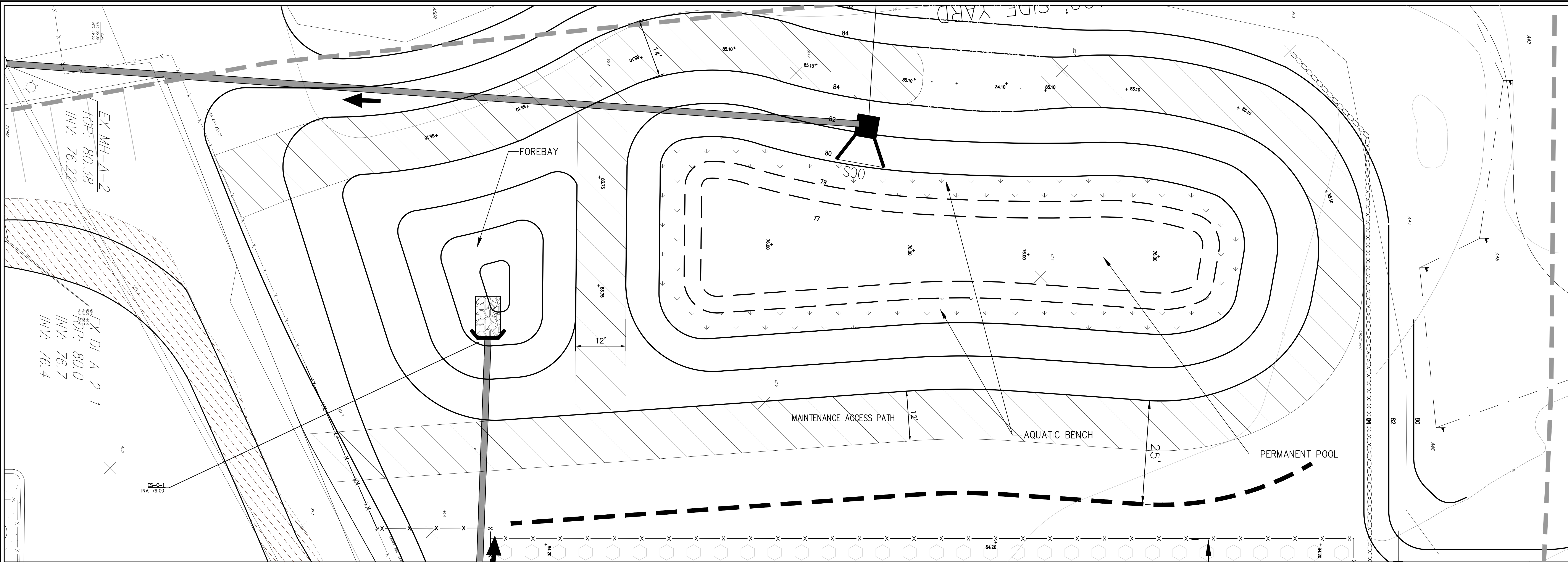


**CONSTRUCTION DETAILS**  
**DATA CENTER BUILDING EXPANSION**  
1 RAWLAND ROAD  
TOWN OF ORANGE TOWN, NEW YORK

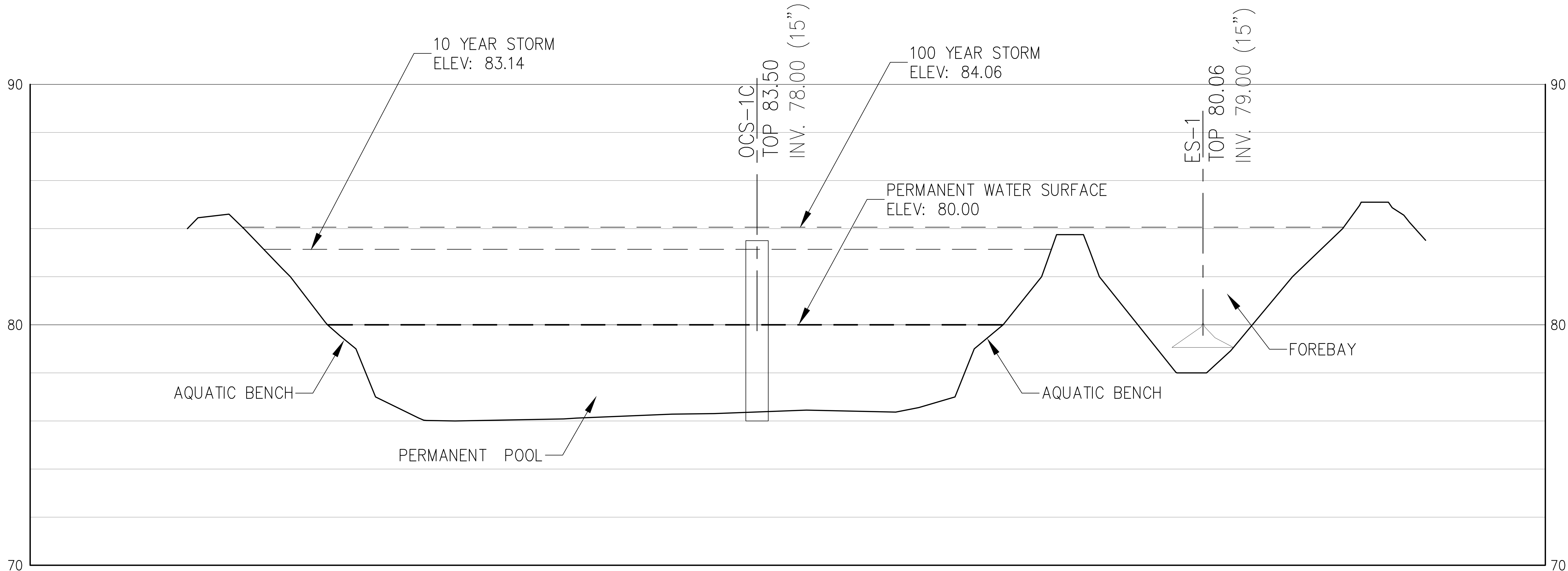
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Drawn:	RR	Approved:	BD
Scale:	NOT TO SCALE		
Date:	10/18/2022		
Project No:	13016		
1300-GENS:	C-905		
Drawing No:	C-905		



P-5 POCKET POND SECTION (PLAN)



P-5 POCKET POND SECTION

SCALE: VERT- 1"=2' HORIZ- 1"=10'

P-5 POCKET POND SECTION (PROFILE)

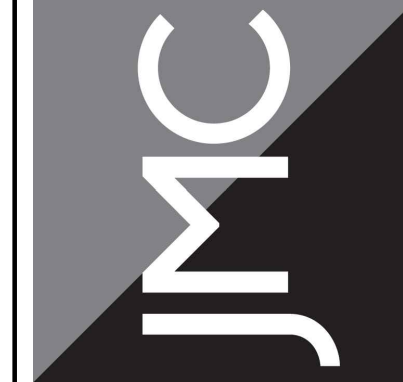
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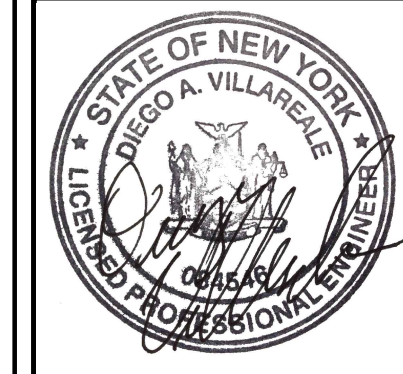
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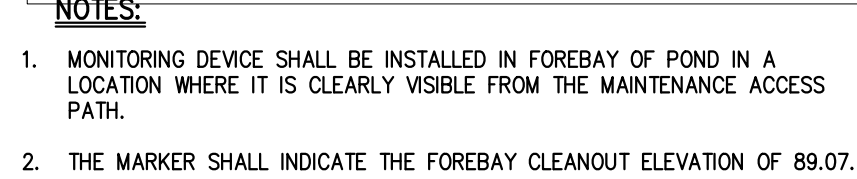
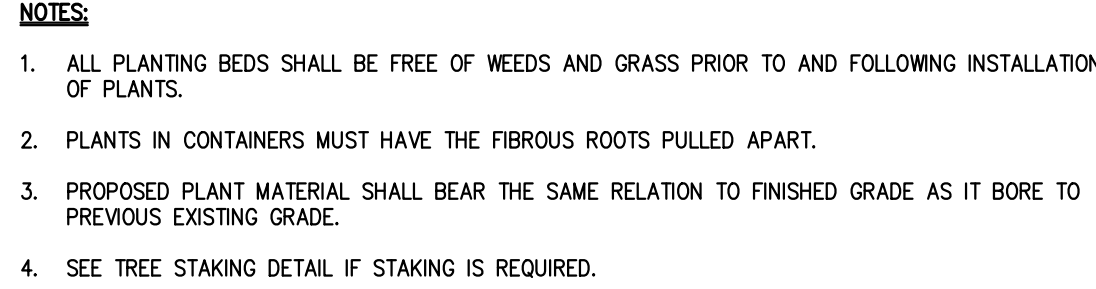
CONSTRUCTION DETAILS

DATA CENTER BUILDING EXPANSION  
1 RAWLAND ROAD  
TOWN OF ORANGE TOWN, NEW YORK

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Client:	RR	Approval:	BD
Scale:	NOT TO SCALE		
Date:	10/18/2022		
Project No:	13016		
1300-GENS	C-906		
Drawing No:	C-906		



## CONSTRUCTION DETAILS

### DATA CENTER BUILDING EXPANSION

TOWN OF ORANGETOWN, NEW YORK

**JMC**  
JMC Planning, Engineering, Landscape  
Architecture & Land Surveying PLLC  
JMC Site Development Consultants, LLC  
John Brayer Consulting, Inc.  
120 BEDFORD ROAD • BEDFORD, NY 10504  
606.914.273.225 • fax 614.273.2402  
[www.jmcplic.com](http://www.jmcplic.com)

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Scale: **NOT TO SCALE**

Date: **10/18/2023**

Project No: **13016**

Sheet: **C-907**

Drawing No: **C-907**

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ARCHITECT:

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*Prepare Follows Ordinance*