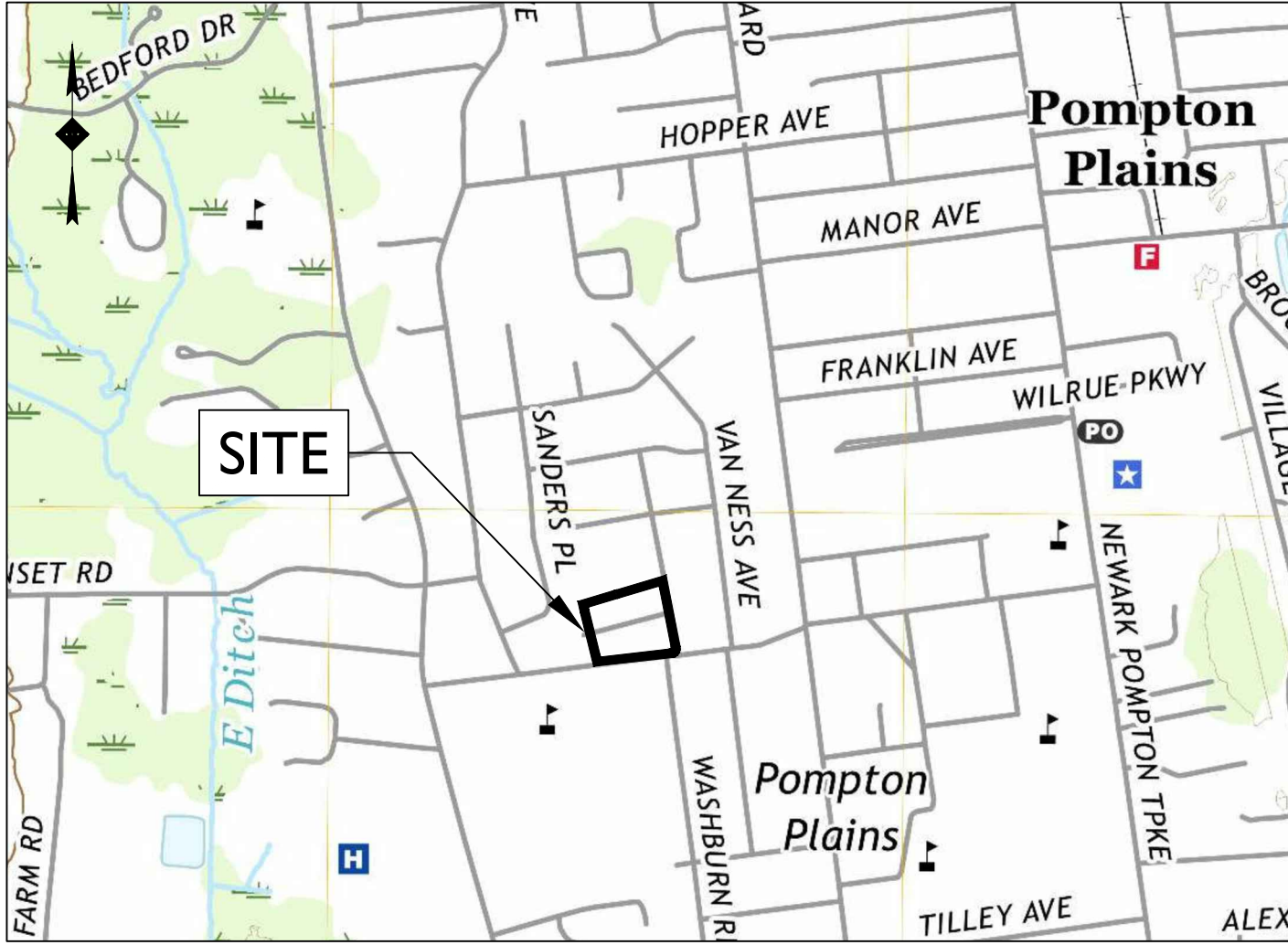




LOCATION / KEY MAP
SCALE: 1" = 1000'±

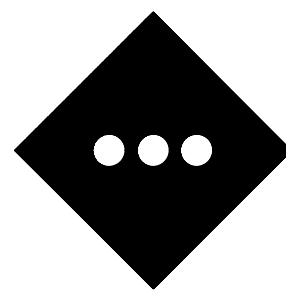


AERIAL MAP
SCALE: 1" = 100'±

TOWNSHIP OF PEQUANNOCK 200' PROPERTY OWNERS LIST			
BLOCK	LOT	OWNER	OWNER'S ADDRESS
2104	20	WALLACE, JOHN A / CAROLYN	8 DE WILDE DR POMPTON PLAINS NJ 07444
2104	19	JACHERA, ROBERT M & ANN R	6 DE WILDE DR POMPTON PLAINS NJ 07444
2104	18	NACINOVICH, KEITH & MICHELE	4 DE WILDE DR POMPTON PLAINS NJ 07444
2104	17	ANDRIKANICH, RICHARD / ALISON	11 ROOME AVE POMPTON PLAINS NJ 07444
2104	16	DRIESSE, JOHN H. & CLAUDIA	7 VAN SAUN PL POMPTON PLAINS NJ 07444
2104	29	LATTA, NANCY C	10 SANDERS PL POMPTON PLAINS NJ 07444
2104	28	TEDESCO, JOHN A & DANIELLE	8 SANDERS PL POMPTON PLAINS NJ 07444
2104	27	KNAPP, ROBERT G & J.A.	6 SANDERS PL POMPTON PLAINS NJ 07444
2104	22.01	HERFORTH, MARK & CHRISTINE	72 SUNSET RD POMPTON PLAINS NJ 07444
2104	22.02	FRIEDMAN, SETH / SCHWARTZ, BARBARA	74 SUNSET RD POMPTON PLAINS NJ 07444
2104	23	GRIFFIN, JAMES / ACABRESA, JANET	78 SUNSET RD POMPTON PLAINS NJ 07444
2104	26	HOLIOUGHNEY, JOSEPH & JOANNE	4 SANDERS PL POMPTON PLAINS NJ 07444
2107	13	ELEFANTE, JOSEPH	10 ROOME AVE POMPTON PLAINS NJ 07444
2107	12	BOROVSKIS, ALEXANDER & SUSAN ANN	8 ROOME AVE POMPTON PLAINS NJ 07444
2107	11	SACHDEV, SIMRAN / PANDEY, AVNEESH	6 ROOME AVE POMPTON PLAINS NJ 07444

TOWNSHIP OF PEQUANNOCK 200' PROPERTY OWNERS LIST			
BLOCK	LOT	OWNER	OWNER'S ADDRESS
2107	10	D'ANDREA, RICHARD & DEBBI LYNN	4 ROOME AVE POMPTON PLAINS NJ 07444
2107	9	WALTER, RICHARD H & REGAN A	50 SUNSET RD POMPTON PLAINS NJ 07444
2107	4	BURBANK, IRENE	9 VAN NISS AVE POMPTON PLAINS NJ 07444
2107	5	FERNANDEZ, JOHN P T & KILLER, CHRIS	7 VAN NISS AVE POMPTON PLAINS NJ 07444
2107	6	DELMO, LOIS	5 VAN NISS AVE POMPTON PLAINS NJ 07444
2107	7	BAILEY, ROBERT & BARBARA	3 VAN NISS AVE POMPTON PLAINS NJ 07444
2107	8	NUCC, CORIE AKA ZODDA, CORIE	48 SUNSET RD POMPTON PLAINS NJ 07444
2107	12	PEQ TWP RD OF ED - HIGH SCHOOL	85 SUNSET RD POMPTON PLAINS NJ 07444
2501	1	LARON, LONNIE / DEFABIS, DONNA	63 SUNSET RD POMPTON PLAINS NJ 07444
2501	2	POSTOYAN, VIKEN & BARBARA ANN	51 WASHBURN RD POMPTON PLAINS NJ 07444
2502	1	NACION, JOHN & KRISTIN LYNN	57 SUNSET RD POMPTON PLAINS NJ 07444
2502	28	SELA, ZULFIET	P.O. BOX 4167 WAYNE NJ 07470
2502	2	WU, CHI CHENG & BETTY	55 SUNSET RD POMPTON PLAINS NJ 07444
2502	3	BLOIS, RALPH J & E J	53 SUNSET RD POMPTON PLAINS NJ 07444
2502	4	VANDER GOOT, ROBERT	51 SUNSET RD POMPTON PLAINS NJ 07444

PLANS PREPARED BY:



STONEFIELD
engineering & design

Rutherford, NJ · New York, NY · Boston, MA

Princeton, NJ · Tampa, FL · Detroit, MI

www.stonefieldeng.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070

Phone 201.340.4468 · Fax 201.340.4472

PRELIMINARY & FINAL MAJOR SITE PLAN FOR ONE SCHOOL GLOBAL PROPOSED K-12 GRADE SCHOOL

BLOCK 2104, LOT 21

60 SUNSET ROAD

PEQUANNOCK TOWNSHIP, MORRIS COUNTY, NEW JERSEY

APPLICANT

ROSS MARKHAM
ONE SCHOOL GLOBAL
ROSS.MARKHAM@NA.ONESCHOOLGLOBAL.COM

OWNER

PASCACK VALLEY LEARNING CENTER
60 SUNSET ROAD
POMPTON PLAINS, NEW JERSEY 07444

APPROVAL BLOCK

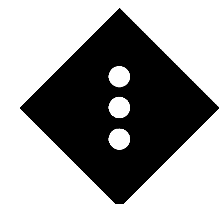
APPROVED BY THE TOWNSHIP OF PEQUANNOCK
ZONING BOARD

CHAIRPERSON DATE

SECRETARY DATE

NOT APPROVED FOR CONSTRUCTION

STONEFIELD
engineering & design



Rutherford, NJ · New York, NY · Boston, MA
Princeton, NJ · Tampa, FL · Detroit, MI
www.stonefieldeng.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 · Fax 201.340.4472

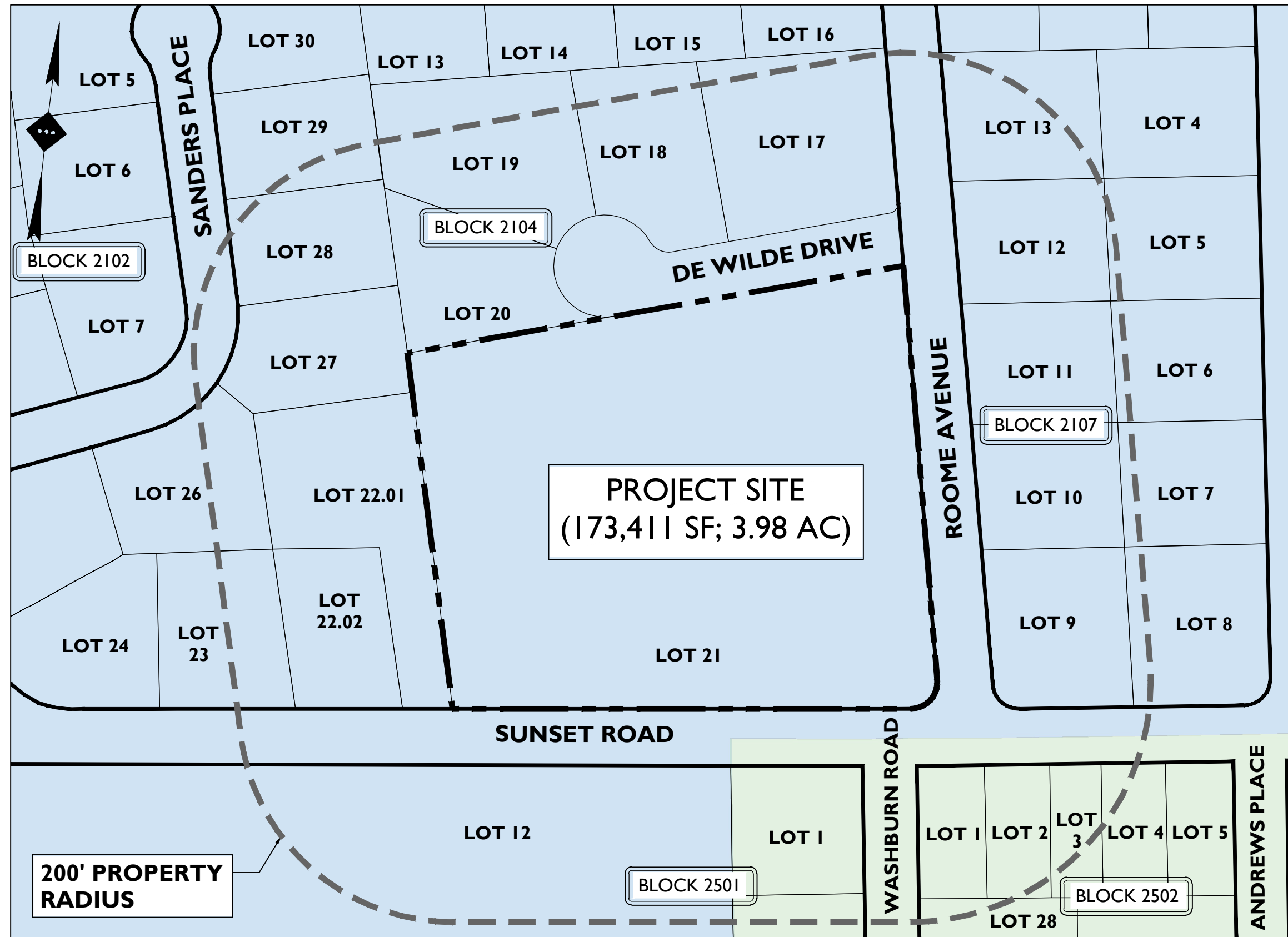
ONE SCHOOL GLOBAL

PROPOSED K-12 GRADE SCHOOL

BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY

TAX & ZONING MAP

SCALE: 1" = 100'±



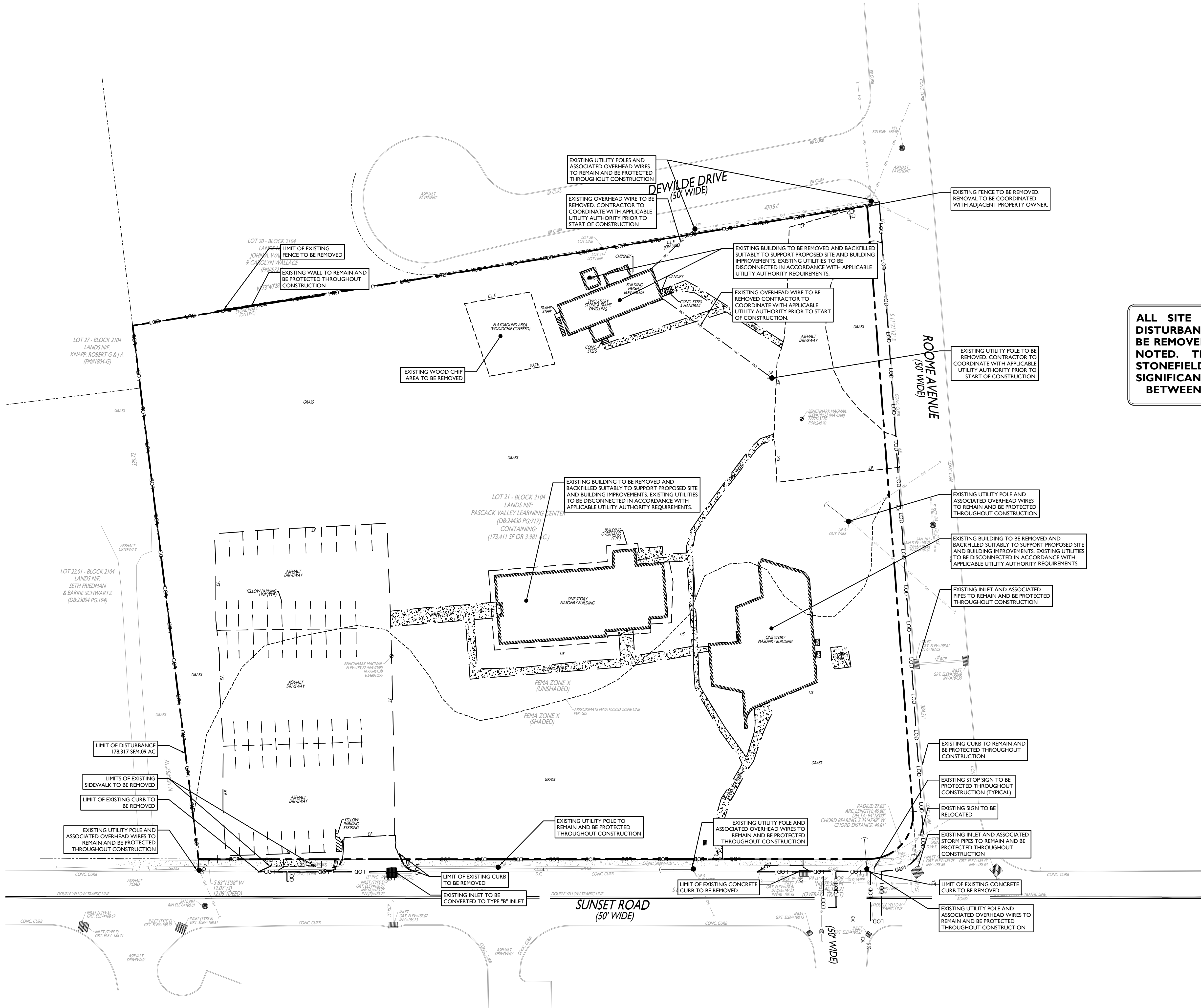
SOURCE: MAP, SHEETS 21 & 25, DATED SEPTEMBER 1, 2021 & PEQUANNOCK TOWNSHIP ZONING MAP, DATED APRIL, 2021.

ZONE R-15
ZONE R-11

SHEET INDEX

DRAWING TITLE	SHEET #
COVER SHEET	C-1
DEMOLITION PLAN	C-2
SITE PLAN	C-3
GRADING PLAN	C-4
STORMWATER MANAGEMENT PLAN	C-5
UTILITY PLAN	C-6
LIGHTING PLAN	C-7
SOIL EROSION & SEDIMENT CONTROL PLAN	C-8
LANDSCAPING PLAN	C-9 & C-10
CONSTRUCTION DETAILS	C-11 - C-14

Z:\RUTHERFORD\17322\17322.DWG 12/28/2017 01:58:07 ONE SCHOOL GLOBAL - 40 SUNSET ROAD PEQUANNOCK NJ 07066-05 8/10/2017



SYMBOL	DESCRIPTION
---	FEATURE TO BE REMOVED / DEMOLISHED
---	LOD
---	LIMIT OF DISTURBANCE

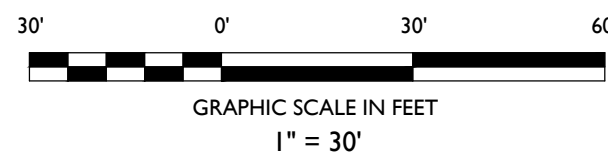
ALL SITE FEATURES WITHIN THE LIMIT OF DISTURBANCE INDICATED ON THIS PLAN ARE TO BE REMOVED / DEMOLISHED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC. IF SIGNIFICANT DISCREPANCIES ARE DISCERNED BETWEEN THIS PLAN AND FIELD CONDITIONS



Know what's below
Call before you dig.

DEMOLITION NOTES

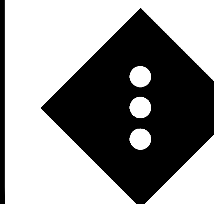
1. THE WORK REFLECTED ON THE DEMOLITION PLAN IS TO PROVIDE GENERAL INFORMATION, TOWARDS THE EXISTING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE ENTIRE PLAN SET AND ASSOCIATED REPORTS/REFERENCE DOCUMENTS INCLUDING ALL DEMOLITION ACTIVITIES AND INCIDENTAL TASKS NECESSARY TO COMPLETE THE SITE IMPROVEMENTS.
2. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF DEMOLITION ACTIVITIES.
3. EXPLOSIVES SHALL NOT BE USED UNLESS WRITTEN CONSENT FROM BOTH THE OWNER AND ANY APPLICABLE GOVERNING AGENCY IS OBTAINED. BEFORE THE START OF ANY EXPLOSIVE PROGRAM, THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL LOCAL, STATE, AND FEDERAL PERMITS. ADDITIONALLY, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL SEISMIC TESTING AS REQUIRED AND ANY DAMAGES AS THE RESULT OF SAID DEMOLITION PRACTICES.
4. ALL DEMOLITION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL UTILITIES ARE DISCONNECTED IN ACCORDANCE WITH THE UTILITY AUTHORITIES' REQUIREMENTS PRIOR TO STARTING THE DEMOLITION OF ANY STRUCTURE. ALL EXCAVATIONS ASSOCIATED WITH DEMOLISHED STRUCTURES OR REMOVED TANKS SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO SUPPORT SITE AND BUILDING IMPROVEMENTS. A GEOTECHNICAL ENGINEER SHOULD BE PRESENT DURING BACKFILLING ACTIVITIES TO OBSERVE AND CERTIFY THAT BACKFILL MATERIAL WAS COMPACTED TO A SUITABLE CONDITION.
5. DEMOLISHED DEBRIS SHALL NOT BE BURIED ON SITE. ALL WASTE/DEBRIS GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL RECORDS OF THE DISPOSAL TO DEMONSTRATE COMPLIANCE WITH THE ABOVE REGULATIONS.



FOR MUNICIPAL SUBMISSION	FOR COUNTY SUBMISSION	FOR MUNICIPAL SUBMISSION	FOR MUNICIPAL SUBMISSION	DESCRIPTION
4	3	2	1	ISSUE
02/15/2023	12/02/2022	11/08/2022	10/17/2022	DATE
PK	PK	PK	PK	BY

NOT APPROVED FOR CONSTRUCTION

STONEFIELD
engineering & design



Rutherford, NJ · New York, NY · Boston, MA
Princeton, NJ · Tampa, FL · Detroit, MI
www.stonefielddesign.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 · Fax 201.340.4472

PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL
PROPOSED K-12 GRADE SCHOOL

BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY

Jake Modestow

JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER

STONEFIELD
engineering & design

SCALE: 1" = 30' PROJECT ID: RUT-220209

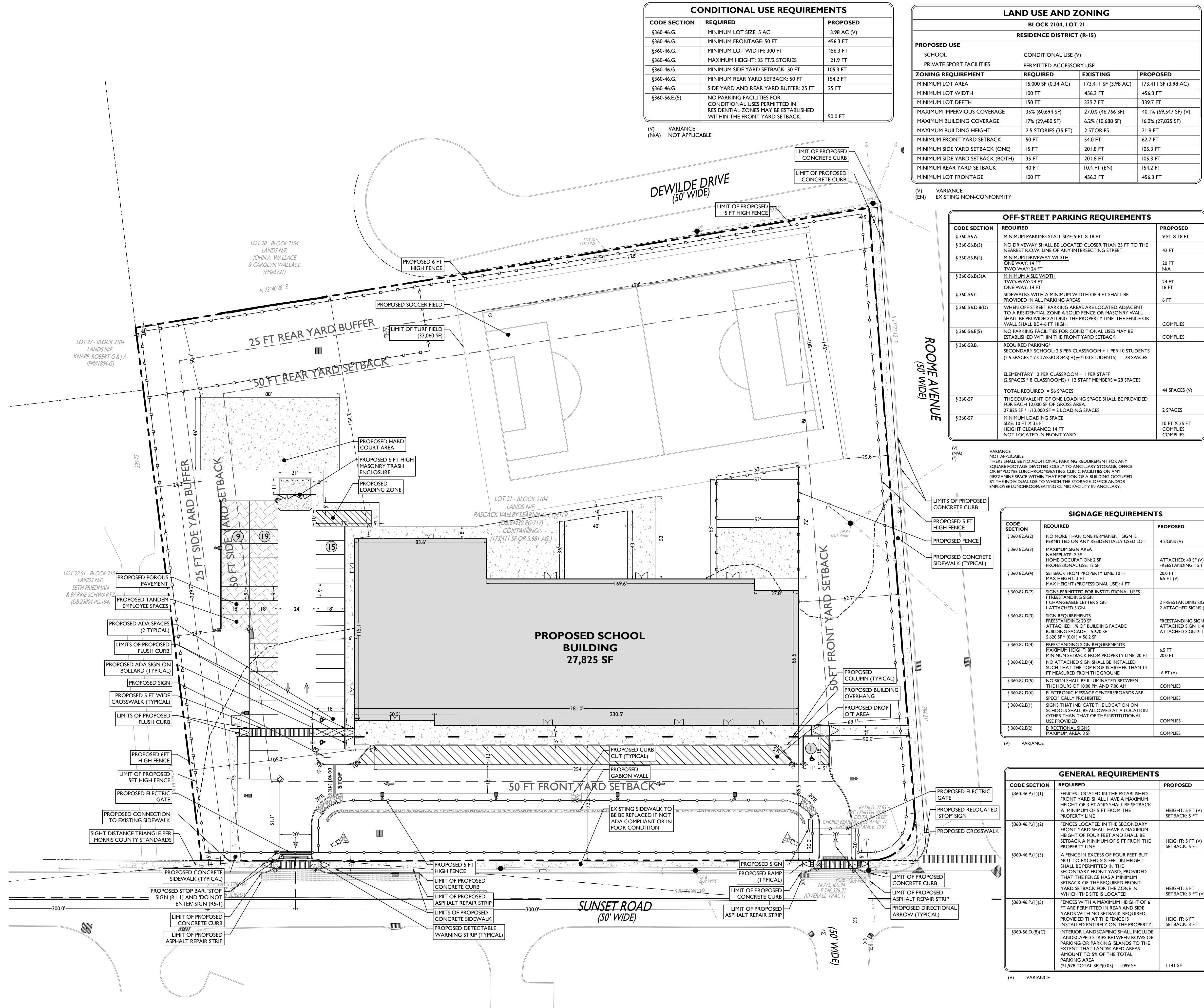
TITLE:

DEMOLITION PLAN

DRAWING:

C-2

Z:\RUTHERFORD\170326\17-22027 ONE SCHOOL GLOBAL - 60 SUNSET ROAD - PEQUANNOCK TOWNSHIP\DWG-03 SITE PLAN



SYMBOL	DESCRIPTION
---	PROPERTY LINE
---	SETBACK LINE
---	SAWCUT LINE
---	PROPOSED CURB
---	PROPOSED FLUSH CURB
---	PROPOSED SIGNS / BOLLARDS
---	PROPOSED BUILDING
---	PROPOSED CONCRETE
---	PROPOSED POROUS PAVERS
---	PROPOSED AREA LIGHT
---	PROPOSED BOARD ON BOARD FENCE
---	PROPOSED ALUMINUM FENCE
---	PROPOSED BUILDING DOORS

- TRENCH NOTES:**
- ROAD TRENCH RESTORATION WIDTH SHALL BE A MINIMUM OF 10 FEET WIDE.
 - ROAD TRENCHING WILL REQUIRE A MINIMUM 6-MONTH SETTLEMENT PERIOD BEFORE FINISHING MILL/RESURFACE.

- GENERAL NOTES**
- THE CONTRACTOR SHALL VERIFY AND FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE PROPOSED SCOPE OF WORK (INCLUDING DIMENSIONS, LAYOUT, ETC.) PRIOR TO INITIATING THE IMPROVEMENTS IDENTIFIED WITHIN THESE DOCUMENTS. SHOULD ANY DISCREPANCY BE FOUND BETWEEN THE EXISTING SITE CONDITIONS AND THE PROPOSED WORK, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC PRIOR TO THE START OF CONSTRUCTION.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND ENSURE THAT ALL REQUIRED APPROVALS HAVE BEEN OBTAINED PRIOR TO THE START OF CONSTRUCTION. COPIES OF ALL REQUIRED PERMITS AND APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.
 - ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS STONEFIELD ENGINEERING & DESIGN, LLC, AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES AND LIABILITIES INCLUDING ATTORNEYS' FEES ARISING OUT OF CLAIMS BY EMPLOYEES OF THE CONTRACTOR IN ADDITION TO CLAIMS CONNECTED TO THE PROJECT AS A RESULT OF NOT CARRYING THE PROPER INSURANCE FOR WORKERS COMPENSATION, LIABILITY INSURANCE, AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE.
 - THE CONTRACTOR SHALL NOT DEViate FROM THE PROPOSED IMPROVEMENTS IDENTIFIED WITHIN THIS PLAN SET UNLESS APPROVAL IS PROVIDED IN WRITING BY STONEFIELD ENGINEERING & DESIGN, LLC.
 - THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF CONSTRUCTION.
 - THE CONTRACTOR SHALL NOT PERFORM ANY WORK OR CAUSE DISTURBANCE ON A PRIVATE PROPERTY NOT CONTROLLED BY THE PERSON OR ENTITY WHO HAS AUTHORIZED THE WORK WITHOUT PRIOR WRITTEN CONSENT FROM THE OWNER OF THE PRIVATE PROPERTY.
 - THE CONTRACTOR IS RESPONSIBLE TO RESTORE ANY DAMAGED OR UNDERMINED STRUCTURE OR SITE FEATURE THAT IS IDENTIFIED TO REMAIN ON THE PLAN SET. ALL REPAIRS SHALL USE NEW MATERIALS TO RESTORE THE FEATURE TO ITS EXISTING CONDITION AT THE CONTRACTORS EXPENSE.
 - CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE SHOP DRAWINGS, PRODUCT DATA, AND OTHER REQUIRED SUBMITTALS FOR REVIEW. STONEFIELD ENGINEERING & DESIGN, LLC, WILL REVIEW THE SUBMITTALS IN ACCORDANCE WITH THE DESIGN INTENT AS REFLECTED WITHIN THE PLAN SET.
 - THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK IN THE PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AUTHORITY AND SHALL BE RESPONSIBLE FOR THE PROCUREMENT OF STREET OPENING PERMITS.
 - THE CONTRACTOR IS REQUIRED TO RETAIN AN OSHA CERTIFIED SAFETY INSPECTOR TO BE PRESENT ON SITE AT ALL TIMES DURING CONSTRUCTION & DEMOLITION ACTIVITIES.
 - SHOULD AN EMPLOYEE OF STONEFIELD ENGINEERING & DESIGN, LLC, BE PRESENT ON SITE AT ANY TIME DURING CONSTRUCTION, IT DOES NOT RELIEVE THE CONTRACTOR OF ANY OF THE RESPONSIBILITIES AND REQUIREMENTS LISTED IN THE NOTES WITHIN THIS PLAN SET.

PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL

PROPOSED K-12 GRADE SCHOOL

JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER

STONEFIELD
engineering & design

SCALE: 1" = 30' PROJECT ID: RUT-220209

TITLE:

SITE PLAN

DRAWING:

C-3

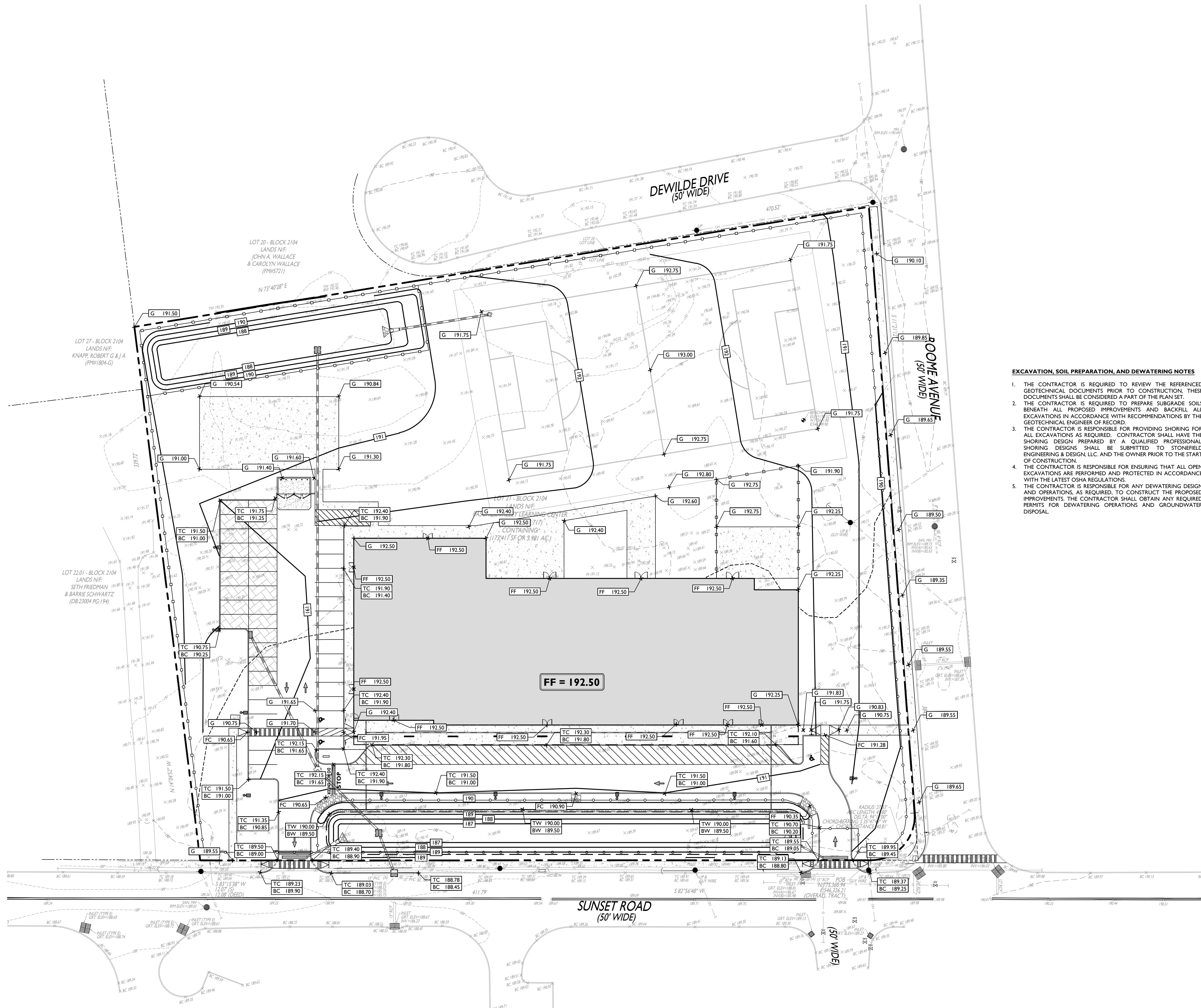
STONEFIELD
engineering & design

Rutherford, NJ • New York, NY • Boston, MA
Princeton, NJ • Tampa, FL • Detroit, MI
www.stonefielddesign.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 • Fax 201.340.4472

NOT APPROVED FOR CONSTRUCTION

FOR MUNICIPAL SUBMISSION	FOR COUNTY SUBMISSION	FOR MUNICIPAL SUBMISSION	FOR MUNICIPAL SUBMISSION	ISSUE	DATE	BY
PK	PK	PK	PK	1		
4	3	2	1			

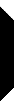


SYMBOL	DESCRIPTION
	PROPERTY LINE
	PROPOSED GRADING CONTOUR
	PROPOSED GRADING RIDGELINE
	PROPOSED DIRECTION OF DRAINAGE FLOW
	PROPOSED GRADE SPOT SHOT
	PROPOSED TOP OF CURB / BOTTOM OF CURB SPOT SHOT
	PROPOSED FLUSH CURB SPOT SHOT
	PROPOSED DEPRESSED CURB / BOTTOM OF CURB SPOT SHOT
	PROPOSED TOP OF WALL / BOTTOM OF WALL SPOT SHOT

- ### **EXCAVATION, SOIL PREPARATION, AND DEWATERING NOTES**
1. THE CONTRACTOR IS REQUIRED TO REVIEW THE REFERENCED GEOTECHNICAL DOCUMENTS PRIOR TO CONSTRUCTION. THESE DOCUMENTS SHALL BE CONSIDERED A PART OF THE PLAN SET.
 2. THE CONTRACTOR IS REQUIRED TO PREPARE SUBGRADE SOILS BENEATH ALL PROPOSED IMPROVEMENTS AND BACKFILL ALL EXCAVATIONS IN ACCORDANCE WITH RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER.
 3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SHORING FOR ALL EXCAVATIONS AS REQUIRED. CONTRACTOR SHALL HAVE THE SHORING DESIGN PREPARED BY A QUALIFIED PROFESSIONAL ENGINEER OR DESIGNER. THE CONTRACTOR SHALL OBTAIN A STAMPED ENGINEERING & DESIGN, LLC, AND THE OWNER PRIOR TO THE START OF CONSTRUCTION.
 4. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL OPEN EXCAVATIONS ARE PROTECTED AND PROTECTED IN ACCORDANCE WITH THE LATEST OSHA REGULATIONS.
 5. THE CONTRACTOR IS RESPONSIBLE FOR ANY Dewatering DESIGN AND OPERATIONS AS REQUIRED, TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL OBTAIN ANY REQUIRED PERMITS FOR DEWATERING OPERATIONS AND GROUNDWATER DISPOSAL.

1. ALL SOIL, AND MATERIAL, REMOVED FROM THE SITE SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. ANY GROUNDWATER DE-WATERING PRACTICES SHALL BE PERFORMED UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL. THE CONTRACTOR SHALL REQUIRE OBTAIN ANY NECESSARY PERMITS FOR THE DISCHARGE OF DE-WATERED GROUNDWATER. ALL SOIL IMPORTED TO THE SITE SHALL BE CERTIFIED CLEAN FILL. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL FILL MATERIALS SUBMIT TO THE SITE.
2. THE CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY AND/OR PERMANENT SHORING WHERE REQUIRED DURING EXCAVATION ACTIVITIES, INCLUDING BUT NOT LIMITED TO UTILITY TRENCHES, TO ENSURE THE STRUCTURE REMAINS IN NEARLY STABLE CONDITIONS AND STABILITY OF THE SURROUNDING SOILS.
3. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 4 INCHES TO 7 INCHES ABOVE EXISTING GRADES UNLESS OTHERWISE NOTED. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE CURB GRADSHETS TO STONEFIELD ENGINEERING & DESIGN, LLC. FOR REVIEW AND APPROVAL PRIOR TO POURING CURBS.
4. THE CONTRACTOR IS RESPONSIBLE TO SET ALL PROPOSED UTILITY COVERS AND RESES TO EXISTING UTILITY COVER ELEVATIONS WITHIN THE PROJECT LIMITS TO PROPOSED GRADE IN ACCORDANCE WITH ANY APPLICABLE MUNICIPAL, COUNTY, STATE AND/OR UTILITY AUTHORITY REGULATIONS.
5. MINIMUM SLOPE REQUIREMENTS TO PREVENT PONDING SHALL BE AS FOLLOWS:
 - a. CURB GUTTER: 0.50%
 - b. CONCRETE SURFACES: 1.00%
 - c. ASPHALT SURFACES: 1.00%
6. A MINIMUM SLOPE OF 1.00% SHALL BE PROVIDED AROUND FROM ALL BUILDINGS. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE FROM THE BUILDING IS ACHIEVED. THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IF THIS CONDITION CANNOT BE MET.
7. FOR PROJECTS WHERE BASEMENTS ARE PRESENT, THE DEVELOPER IS RESPONSIBLE TO DETERMINE THE DEPTH TO GROUNDWATER AT THE LOCATION OF THE PROPOSED STRUCTURE. IF GROUNDWATER IS ENCOUNTERED WITHIN THE BASEMENT AREA, SPECIAL CONSTRUCTION METHODS SHALL BE UTILIZED AND REVIEWED/APPROVED BY THE CONSTRUCTION CODE OFFICIAL. IF PUMP PUMPS ARE UTILIZED TO MAINTAIN DRY BASEMENTS, THE CONTRACTOR SHALL DIRECTLY TO THE PUBLIC STORM SEWER SYSTEM WITH APPROVAL FROM THE GOVERNING STORM SEWER SYSTEM AUTHORITY.

- ADA NOTES**
1. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 2.00% SLOPE IN ANY DIRECTION WITHIN THE ADA PARKING SPACES AND ACCESS AISLES.
 2. THE CONTRACTOR SHALL PROVIDE COMPLIANT SIGNAGE AT ALL ADA PARKING AREAS IN ACCORDANCE WITH STATE GUIDELINES.
 3. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 5.00% RUNNING SLOPE AND A MAXIMUM 1/4" CROSS SLOPE ON ALL DRIVEWAYS WITHIN THE ACCESSIBLE PATH OF TRAVEL (SEE THE SITE PLAN FOR THE LOCATION OF THE ACCESSIBLE PATH). THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE ACCESSIBLE PATH OF TRAVEL IS 36 INCHES WIDE OR GREATER UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
 4. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 2.00% SLOPE IN ANY DIRECTION AT ALL LANDINGS. TERRACES INCLUDE, BUT ARE NOT LIMITED TO, THE TOP OF THE RAMP, THE ADA ACCESS RAMP, AT ACCESSIBLE BUILDING ENTRANCES, AT AN AREA IN FRONT OF A WALK-UP ATM, AND AT TURNING SPACES ALONG THE ACCESSIBLE PATH OF TRAVEL.
 5. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 4.83% RUNNING SLOPE AND A MAXIMUM 1/4" CROSS SLOPE ON ALL DRIVEWAYS ALONG THE ACCESSIBLE PATH OF TRAVEL. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 10.00% IF A LANDING AREA IS PROVIDED AT THE TOP OF THE RAMP. FOR ALTERATIONS, A CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 8.33% IF A LANDING AREA IS NOT PROVIDED AT THE TOP OF THE RAMP. CURBS RAMP SHALL NOT RISE MORE THAN 6 INCHES IN ELEVATION WITHOUT A HANDRAIL. THE CLEAR WIDTH OF A CURB RAMP SHALL BE AT LEAST 36 INCHES.
 6. ACCESSIBLE RAMPS WITH A SLOPE GREATER THAN 6 INCHES SHALL CONTAIN COMPLIANT HANDRAILS ON BOTH SIDES OF THE RAMP AND SHALL NOT RISE MORE THAN 30" IN ELEVATION WITHOUT A LANDING AREA IN BETWEEN RAMP SECTIONS. THE HANDRAIL SHALL ALSO BE PROVIDED AT THE TOP AND BOTTOM OF THE RAMP.
 7. A SLIP RESISTANT SURFACE SHALL BE CONSTRUCTED ALONG THE ACCESSIBLE PATH AT ALL LANDING AREAS.
 8. THE CONTRACTOR SHALL ENSURE A MAXIMUM OF ¼" INCHES VERTICAL CHANGE IN LEVEL ALONG THE ACCESSIBLE PATH. WHERE A CHANGE IN LEVEL BETWEEN ¼" INCHES AND ½" INCHES EXISTS, THE CONTRACTOR SHALL ENSURE THE ACCESSIBLE PATH HAS A MINIMUM LEVEL IS BEVELED WITH A SLOPE NOT STEEPER THAN 1 UNIT VERTICAL AND 2 UNITS HORIZONTAL (2:1 SLOPE).
 9. THE CONTRACTOR SHALL ENSURE THAT ANY OPENINGS (GAPS OR HORIZONTAL SEPARATIONS) ALONG THE ACCESSIBLE PATH SHALL NOT ALLOW PASSAGE OF A SPHERE GREATER THAN ¼" INCH.



STONEFIELD
engineering & design

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 • Fax 201.340.4472

BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY

PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL

PROPOSED K-12 GRADE SCHOOL

JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER

 **STONEFIELD**
engineering & design

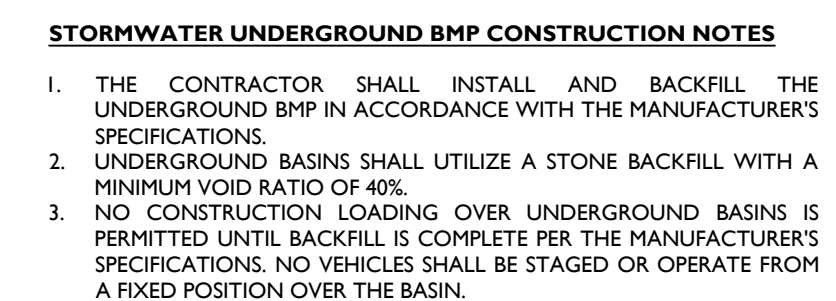
SCALE:	1" = 30'	PROJECT ID: RUT-220209
--------	----------	------------------------

TITLE:

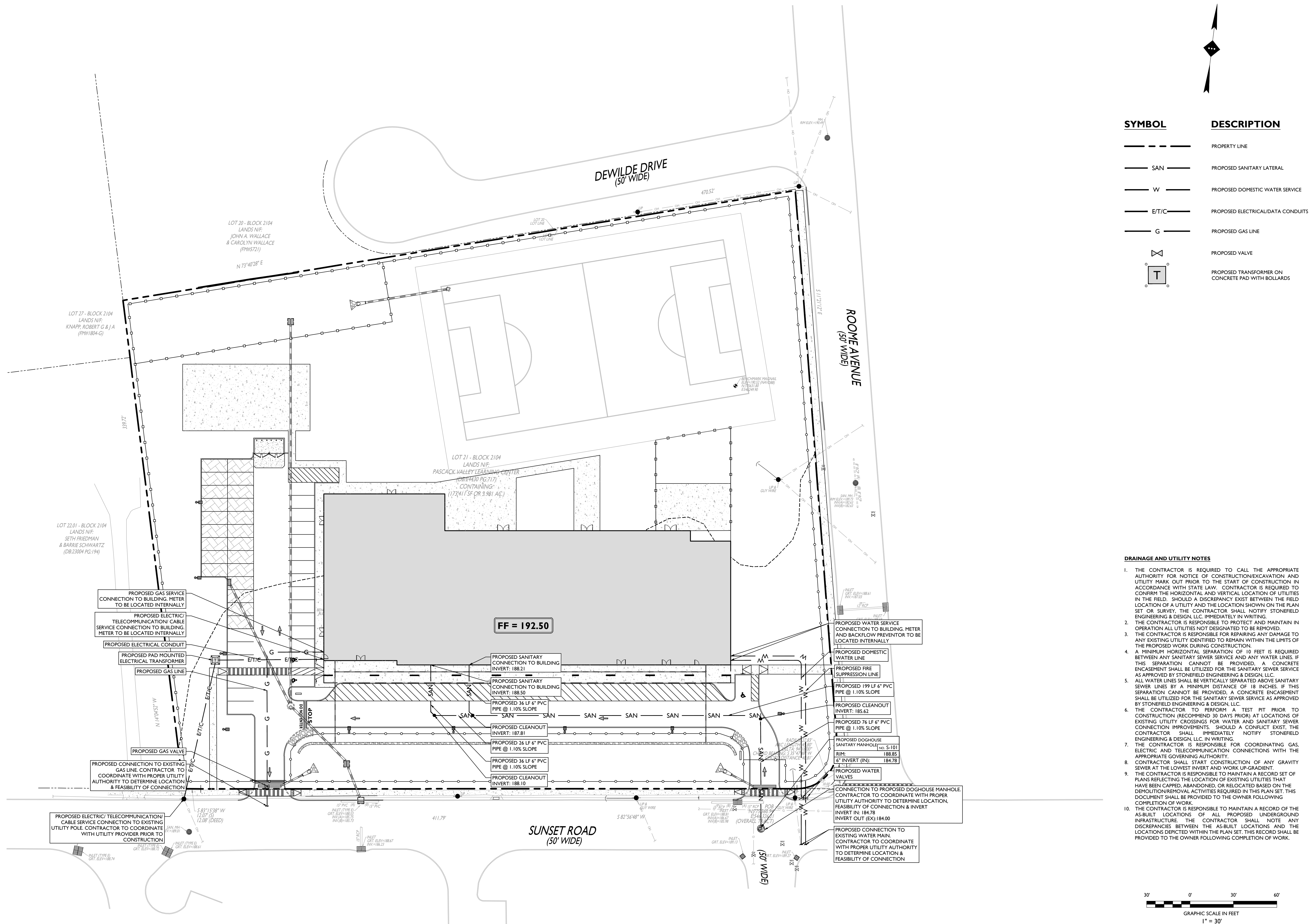
GRADING PLAN

DRAWING:

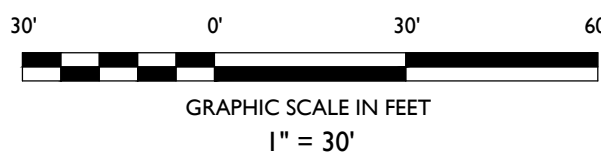
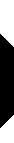
C-4



	
JAKE MODESTOW, P.E. NEW JERSEY LICENSE NO. 36119 LICENSED PROFESSIONAL ENGINEER	
 STONEFIELD engineering & design	
SCALE: 1" = 30'	PROJECT ID: RUT-220209
TITLE:	
STORMWATER MANAGEMENT PLAN	
DRAWING:	
C-5	



DRAINAGE AND UTILITY NOTES

[illegible]

STONEFIELD
engineering & design

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 · Fax 201.340.4472

PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL

PROPOSED K-12 GRADE SCHOOL


JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER



STONEFIELD
engineering & design

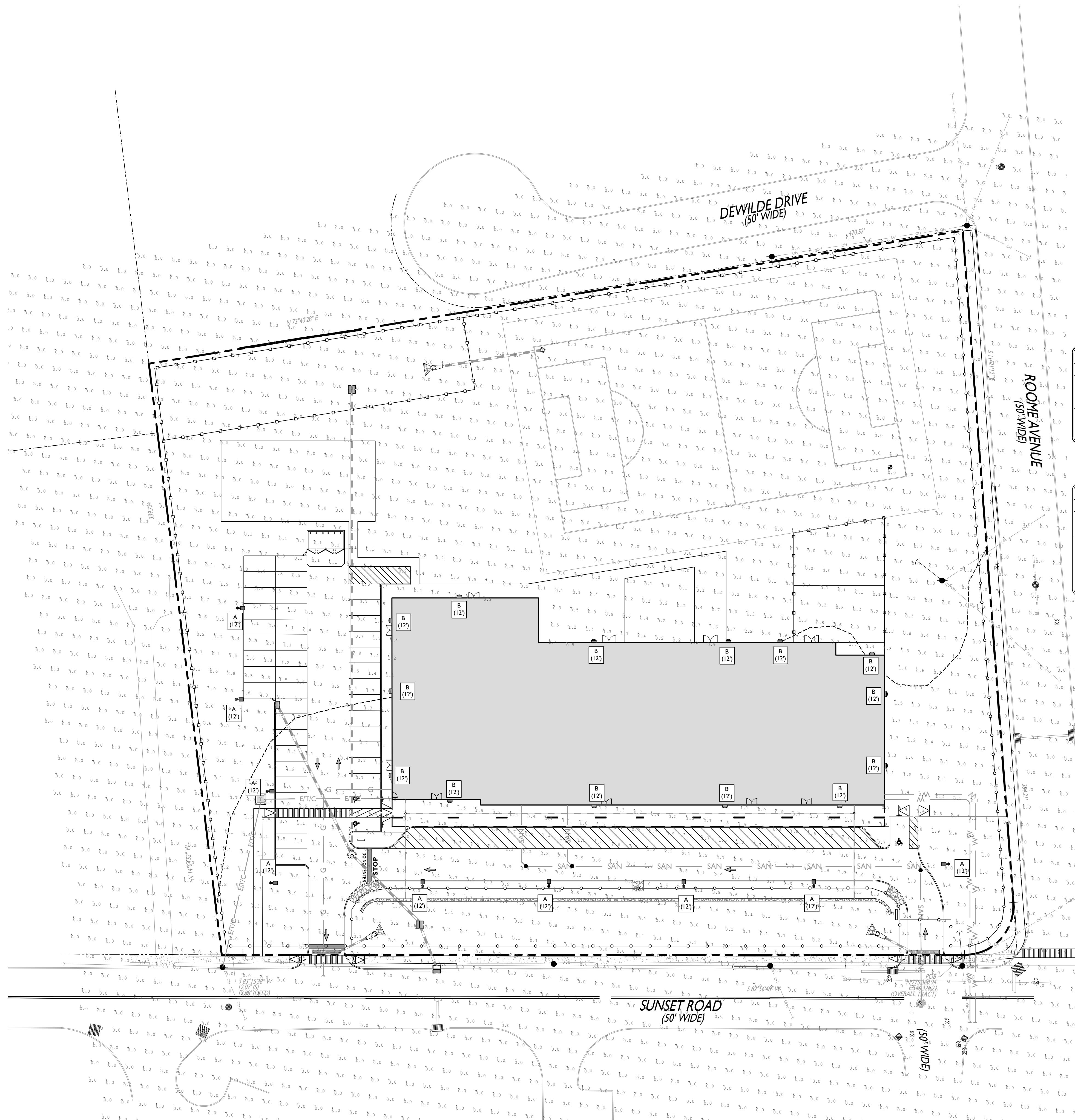
SCALE: 1" = 30' | **PROJECT ID:** RUT-220209

TITLE:

UTILITY PLAN

DRAWING:

C-6



SYMBOL	DESCRIPTION
	PROPOSED CALCULATION AREA
	PROPOSED ISOMETRIC LINE
	PROPOSED LIGHTING FIXTURE (MOUNTING HEIGHT)
	PROPOSED LIGHTING INTENSITY (FOOT CANDLES)
	PROPOSED AREA LIGHT
	PROPOSED BUILDING MOUNTED LIGHT

PROPOSED LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QUANTITY	SECURITY LIGHTING	DISTRIBUTION	LLF	MANUFACTURER	IES FILE
	A	9	OSQ OUTDOOR LED AREA LIGHT-SINGLE W/ SHIELD	TYPE IV	0.9	CREE LIGHTING	OSQM-B-9L-40K-4M-UX-XX-XX-Q9_CONFIGURED.IES
	B	14	EDGE SERIES - OUTDOOR LED WALLPACK	TYPE III	0.9	CREE LIGHTING	PWY.EDG-3M--02.6-UL-5 25-40K-CONFIGURED.IES

LIGHTING REQUIREMENTS		
CODE SECTION	REQUIRED	PROPOSED
§ 360-50.D(7)	LIGHTING SHALL BE ARRANGED TO DEFLECT AND FOCUS LIGHT AWAY FROM ADJACENT PROPERTIES.	COMPLIES
§ 360-42.Q(3)	ANY LIGHT FURTHER THAN 100 FEET FROM PARKLAND OR RESIDENTIALLY USED OR ZONED PROPERTY SHALL BE MOUNTED NO HIGHER THAN 20 FEET ABOVE THE GROUND LEVEL, AND NO ILLUMINATION GREATER THAN 0.5 FOOT-CANDLE AT THE PROPERTY LINE SHALL BE PERMITTED.	COMPLIES



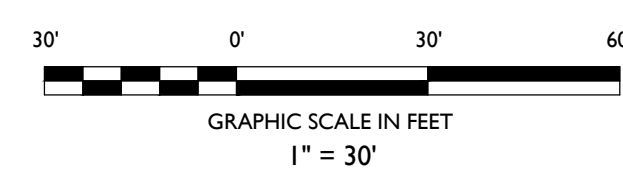
FIXTURE 'A'



FIXTURE 'B'

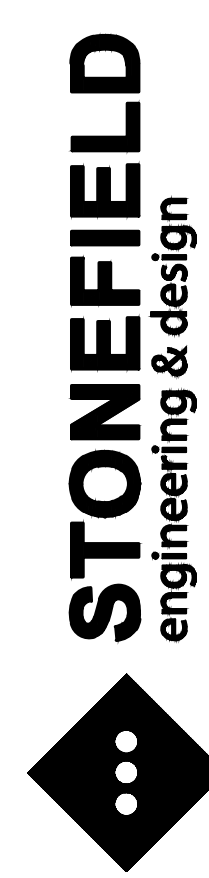
GENERAL LIGHTING NOTES

1. THE LIGHTING LEVELS DEPICTED WITHIN THE PLAN SET ARE CALCULATED UTILIZING DATA OBTAINED FROM THE LISTED MANUFACTURER ACTUAL ILLUMINATION LEVELS AND PERFORMANCE OF ANY PROPOSED LIGHTING FIXTURE MAY VARY DUE TO UNCONTROLLABLE VARIABLES SUCH AS WEATHER, VOLTAGE FLUCTUATION, TOLERANCE EQUIPMENT SERVICE LIFE AND OTHER VARIABLE FIELD CONDITIONS.
2. WHERE APPLICABLE, THE EXISTING LIGHT LEVELS DEPICTED WITHIN THE PLAN SET SHALL BE CONSIDERED APPROXIMATE. THE EXISTING LIGHT LEVELS ARE BASED ON THE ASSUMED WEATHER AND THE MANUFACTURER'S DATA OF THE ASSUMED OR MOST SIMILAR LIGHTING FIXTURE MODEL.
3. UNLESS NOTED ELSEWHERE WITHIN THIS PLAN SET, THE LIGHT LOSS ADJUSTMENT USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:
 - LIGHT EMITTING DIODES (LED): 0.90
 - HIGH PRESSURE SODIUM: 0.72
 - METAL HALIDE: 0.70
4. THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY PROPOSED LIGHTING LOCATIONS THAT CONFLICT WITH EXISTING PROPOSED DRAINAGE UTILITY, OR OTHER IMPROVEMENTS.
5. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:
 - PROVIDE ELECTRIC SERVICE TO ALL PROPOSED LIGHTING FIXTURES. THE CONTRACTOR IS REQUIRED TO PREPARE AN AS-BUILT PLAN OF THE TRENCH AND PROVIDE THE COPIES TO THE OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC.



ISSUE	DATE	BY	DESCRIPTION
4	02/15/2023	PK	FOR MUNICIPAL SUBMISSION
3	12/02/2022	PK	FOR COUNTY SUBMISSION
2	11/08/2022	PK	FOR MUNICIPAL SUBMISSION
1	10/17/2022	PK	FOR MUNICIPAL SUBMISSION

NOT APPROVED FOR CONSTRUCTION



Rutherford, NJ • New York, NY • Boston, MA
Princeton, NJ • Tampa, FL • Detroit, MI
www.stonefieldeng.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 • Fax 201.340.4472

PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL

PROPOSED K-12 GRADE SCHOOL

**BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY**



JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER



SCALE:	1" = 30'	PROJECT ID: RUT-220209
--------	----------	------------------------

TITLE:

LIGHTING PLAN

DRAWING:

C-7



SOIL CHARACTERISTICS CHART



SYMBOL	DESCRIPTION
	PROPERTY BOUNDARY
	ADJACENT PROPERTY BOUNDARY
 LOD 	PROPOSED LIMIT OF DISTURBANCE
 SF 	PROPOSED SILT FENCE
	PROPOSED STABILIZED CONSTRUCTION ENTRANCE
	PROPOSED INLET PROTECTION FIL



PROPOSED K-12 GRADE SCHOOL

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 · Fax 201.340.4472

**BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY**

STONEFIELD
engineering & design

SOIL EROSION & SEDIMENT CONTROL PLAN

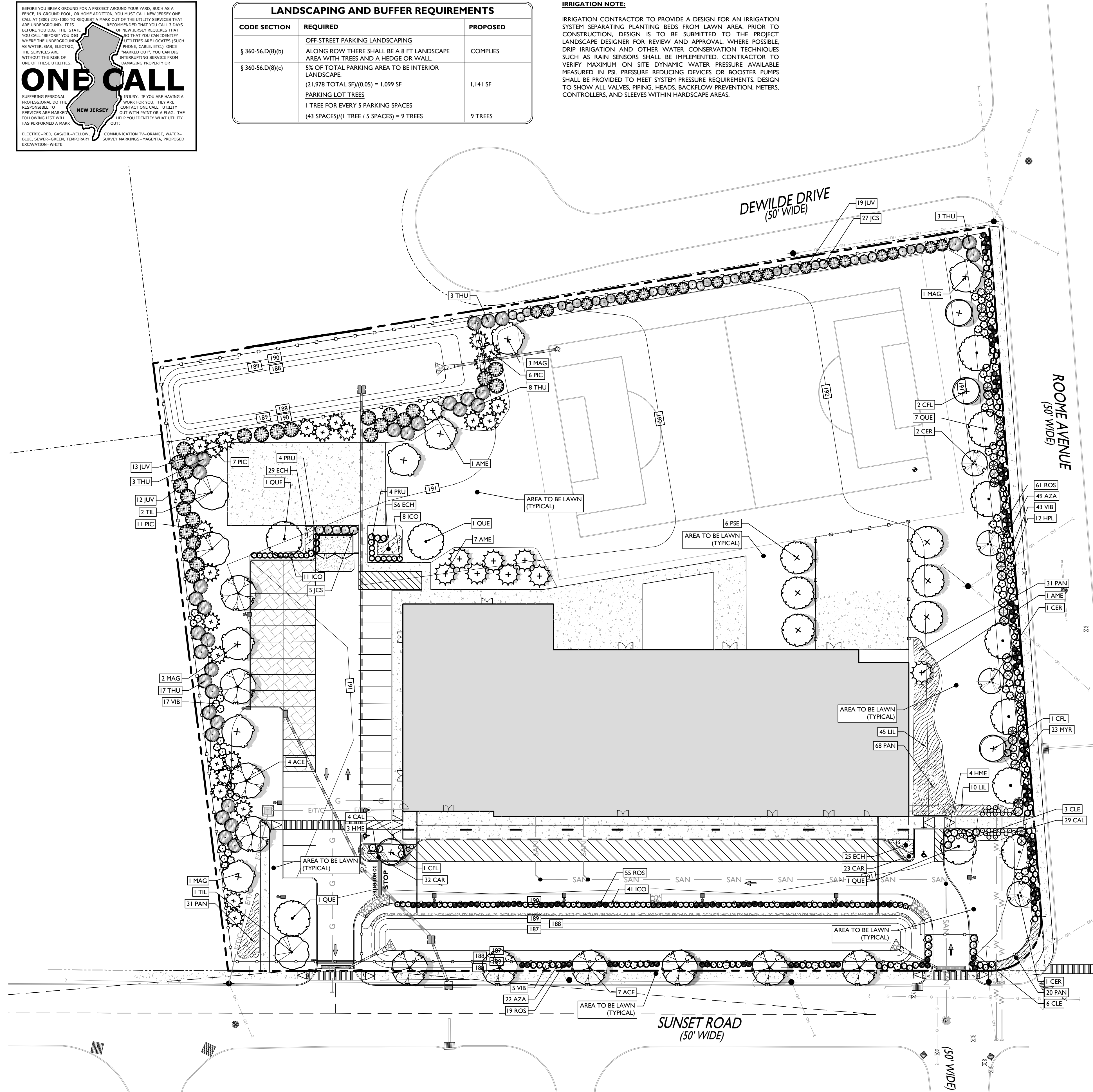
C-8

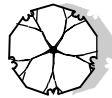
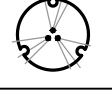
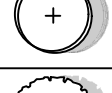
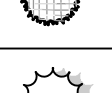
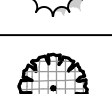
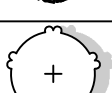
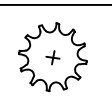
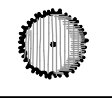
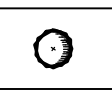
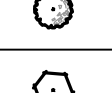
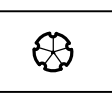
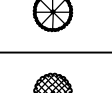
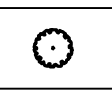
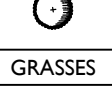
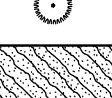
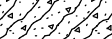
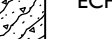
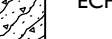
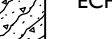
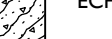
218117HERFORDHILLIT.20220811T.202209 ONE SCHOOL GLOBAL - 60 SUNSET ROAD PEQUANNOCK NJ 07076 OTYXX 08.55C DWG

ONE CALL

CODE SECTION	REQUIRED	PROPOSED
\$ 360-56.D(8)(b)	OFF-STREET PARKING LANDSCAPING ALONG ROW THERE SHALL BE A 8 FT LANDSCAPE AREA WITH TREES AND A HEDGE OR WALL	COMPLIES
\$ 360-56.D(8)(c)	5% OF TOTAL PARKING AREA TO BE INTERIOR LANDSCAPE. (21,978 TOTAL SF)/(0.05) = 1,099 SF PARKING LOT TREES 1 TREE FOR EVERY 5 PARKING SPACES (43 SPACES)/(1 TREE / 5 SPACES) = 9 TREES	1,141 SF 9 TREES

IRRIGATION CONTRACTOR TO PROVIDE A DESIGN FOR AN IRRIGATION SYSTEM SEPARATING PLANTING BEDS FROM LAWN AREA. PRIOR TO CONSTRUCTION, DESIGN IS TO BE SUBMITTED TO THE PROJECT LANDSCAPE DESIGNER FOR REVIEW AND APPROVAL. WHERE POSSIBLE, DRIP IRRIGATION AND OTHER WATER CONSERVATION TECHNIQUES SHOULD BE CONSIDERED. SENSORS SHALL IMPLEMENTED BY CONTRACTOR TO VERIFY MAXIMUM SOIL SITE DYNAMIC PRESSURE AVAILABLE. MEASURED IN PSI. PRESSURE REDUCING DEVICES OR BOOSTER PUMPS SHALL BE PROVIDED TO MEET SYSTEM PRESSURE REQUIREMENTS. DESIGN TO SHOW ALL VALVES, PIPING, HEADS, BACKFLOW PREVENTION, METERS, CONTROLLERS, AND SLEEVES WITH LANDSCAPE AREAS.

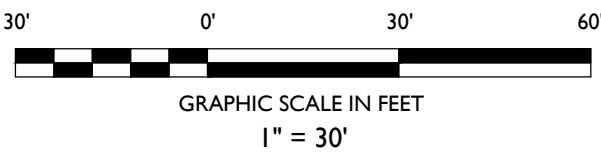


PLANT SCHEDULE						
DECIDUOUS TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	ACE	11	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2.5" - 3" CAL	B&B
	CER	4	CERCIS CANADENSIS	EASTERN REDBUD MULTI-TRUNK	8" - 10' HT	B&B
	CFL	4	CORNUS FLORIDA	FLOWERING DOGWOOD	2.5" - 3" CAL	B&B
	PSE	6	PRUNUS SERRULATA 'PINK CLOUD'	JAPANESE FLOWERING CHERRY	2" - 2.5" CAL	B&B
	QUE	11	QUERCUS PHELLOS	WILLOW OAK	2.5" - 3" CAL	B&B
	TIL	3	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	2.5" - 3" CAL	B&B
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	JCS	32	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	5" - 6" HT	B&B
	AME	9	ILEX OPACA	AMERICAN HOLLY	6" - 7" HT	B&B
	JUV	44	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6" - 7" HT	B&B
	MAG	7	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	2.5" - 3" CAL	B&B
	PIC	24	PICEA ABIES	NORWAY SPRUCE	5" - 6" HT	B&B
	THU	34	THUJA OCCIDENTALIS 'GREEN GIANT'	GREEN GIANT ARBORVITAE	6" - 7" HT	B&B
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	AZA	71	AZALEA X 'DELAWARE VALLEY WHITE'	VALLEY WHITE AZALEA	24" - 30"	POT
	CLE	9	CLETHRA ALNIFOLIA 'RUBY SPICE'	RUBY SPICE CLETHRA	24" - 30"	POT
	HME	7	HYDRANGEA MACROPHYLLA 'ENDLESS SUMMER'™	BAILMER HYDRANGEA	24" - 30"	POT
	HPL	12	HYDRANGEA PANICULATA 'LIMELIGHT'	LIMELIGHT HYDRANGEA	24" - 30"	POT
	MYR	23	MYRICA PENNSYLVANICA	NORTHERN BAYBERRY	24" - 30"	POT
	ROS	132	ROSA X 'DOUBLE KNOCKOUT'	ROSE	24" - 30"	POT
	VIB	65	VIBURNUM DENTATUM	VIBURNUM	42" - 48"	POT
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	ICO	60	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	18" - 24"	POT
	PRU	8	PRUNUS LAUROCERASUS 'SCHIPKAENSIS'	SCHIPKA ENGLISH LAUREL	42" - 48"	B&B
GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	CAL	33	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	3 GAL.	POT
	CAR	55	CAREX PENNSYLVANICA	PENNSYLVANIA SEDGE	1 GAL.	18" o.c.
	PAN	150	PANICUM VIRGATUM	SWITCH GRASS	3 GAL.	36" o.c.
	LIL	55	SCHIZACHYRIUM SCOPARILUM	LITTLE BLUESTEM	1 GAL.	36" o.c.
PERENNIALS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	ECH	110	ECHINACEA PURPUREA 'KIM'S KNEE HIGH'	KIM'S KNEE HIGH CONEFLOWER	1 GAL.	18" o.c.

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN ON THE LANDSCAPE PLAN AND WITHIN THE PLANT LIST, THE PLAN SHALL DICTATE.

- ### **LANDSCAPING NOTES**
1. THE CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AND LANDSCAPED AREAS TO MATCH EXISTING CONDITIONS UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
 2. THE CONTRACTOR SHALL RESTORE ALL DISTURBED LAWN AREAS WITH A MINIMUM 4 INCH LAYER OF TOPSOIL AND SEED.
 3. THE CONTRACTOR SHALL RESTORE MULCH AREAS WITH A MINIMUM 3 INCH LAYER OF MULCH.
 4. THE CONTRACTOR SHALL RESTORE ALL EXPOSED EROSION CONTROL MEASURES TO MATCH EXISTING UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
 5. THE CONTRACTOR IS REQUIRED TO LOCATE ALL SPRINKLER HEADS IN AREA OF LANDSCAPING DISTURBANCE PRIOR TO CONTRACTOR'S START OF WORK. CONTRACTOR SHALL RELOCATE SPRINKLER HEADS AND LINES IN ACCORDANCE WITH OWNER'S DIRECTION WITHIN AREAS OF DISTURBANCE.
 6. THE CONTRACTOR SHALL ENSURE THAT ALL DISTURBED LANDSCAPED AREAS ARE GRADED TO MEET FLUSH AT THE EXISTING GRADE AND WAYSIDE AREAS TO MEET EXISTING GRADE UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET. NO ABRUPT CHANGES IN GRADE ARE PERMITTED IN DISTURBED LANDSCAPING AREAS.

PAUL DEVITTO, L.L.A.
NEW JERSEY LICENSE No. 21A500123500
LICENSED LANDSCAPE ARCHITECT



PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL
PROPOSED K-12 GRADE SCHOOL

**BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY**

JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER



STONEFIELD
engineering & design

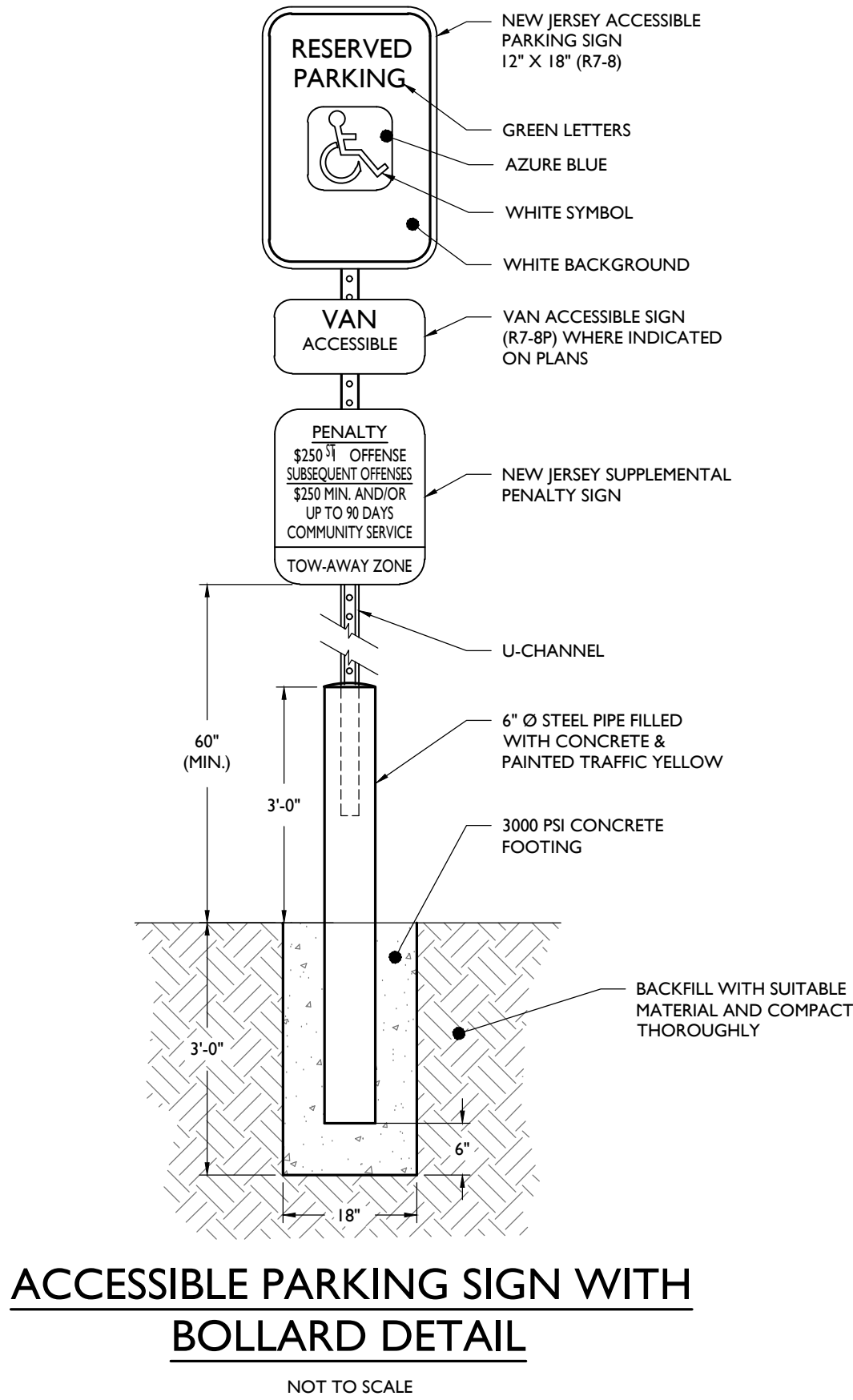
SCALE: 1" = 30' PROJECT ID: RUT-220209

LANDSCAPING PLAN

DRAWING

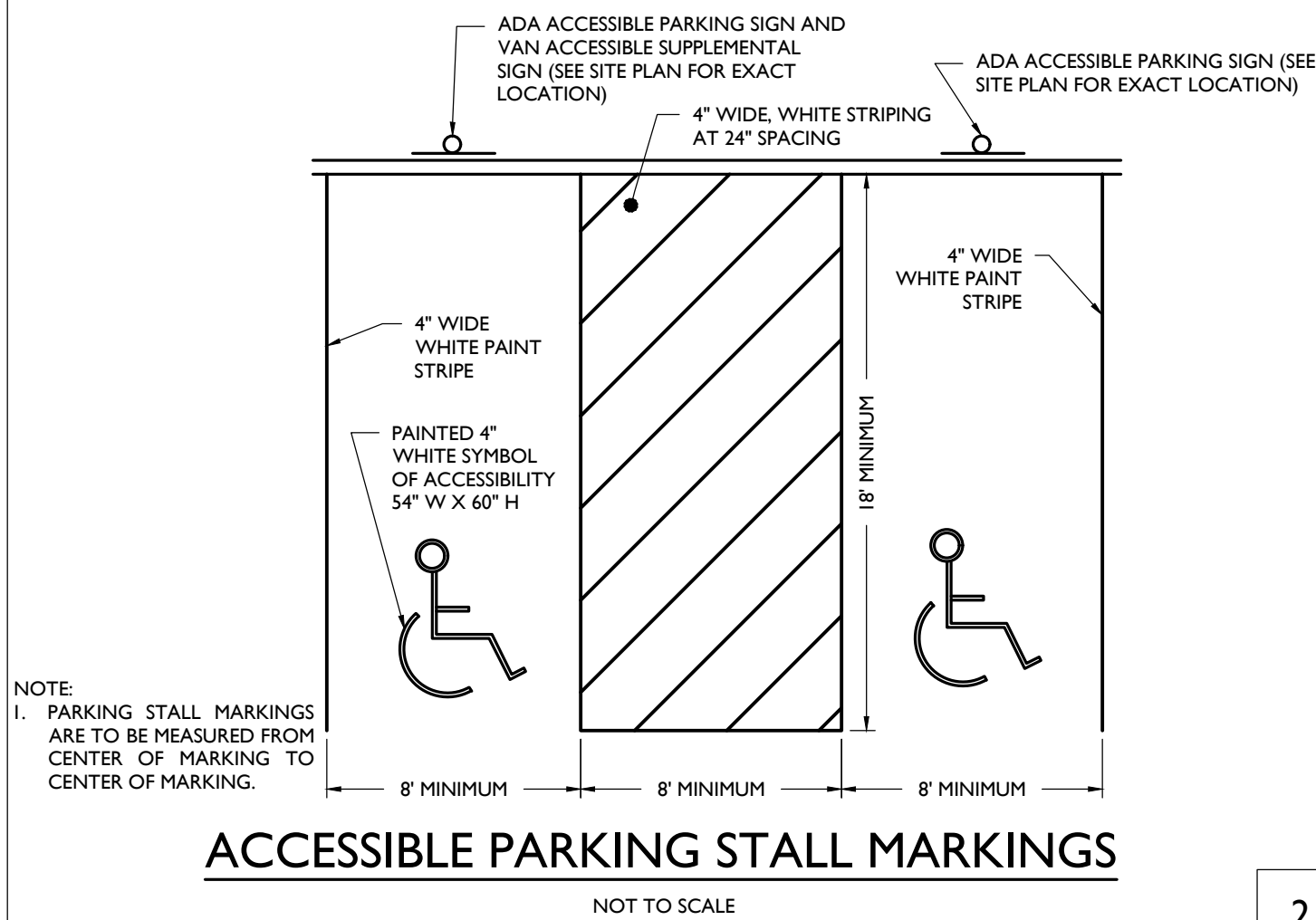
C-9

Z:\RUTHERFORD\170322\67.22027 ONE SCHOOL GLOBAL - 40 SHEET ROAD PEQUANNOCK\WCD\DWG\07000-11-1.DWG



ACCESSIBLE PARKING SIGN WITH BOLLARD DETAIL

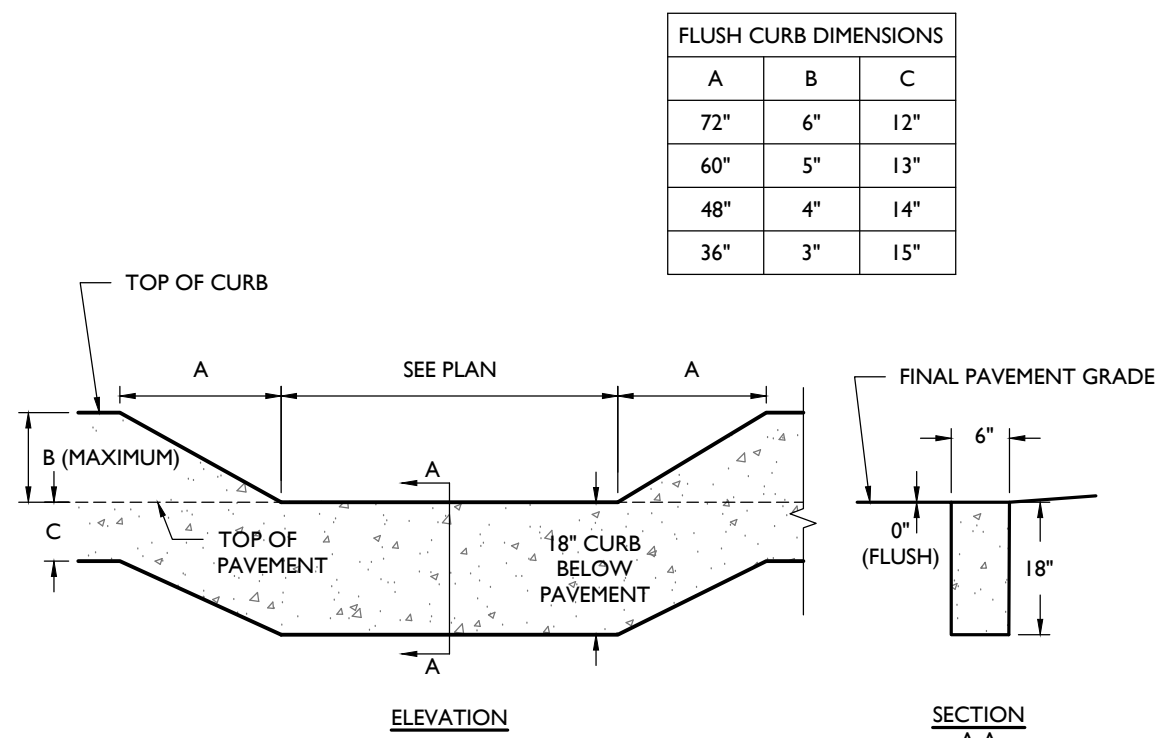
NOT TO SCALE



ACCESSIBLE PARKING STALL MARKINGS

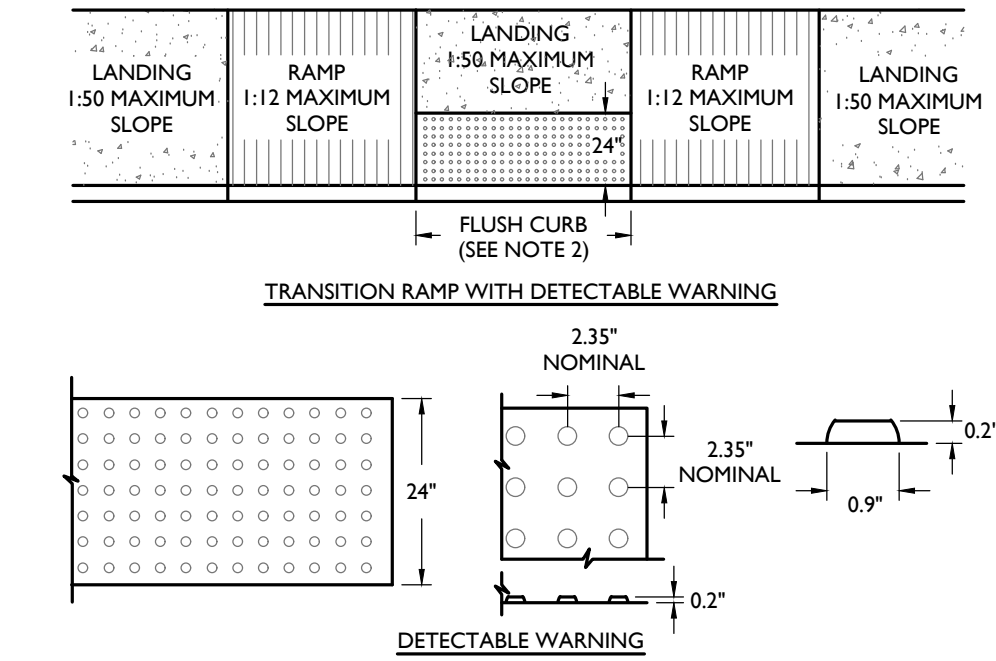
NOT TO SCALE

NOTE:
1. PARKING STALL MARKINGS ARE TO BE MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.



FLUSH CURB DETAIL

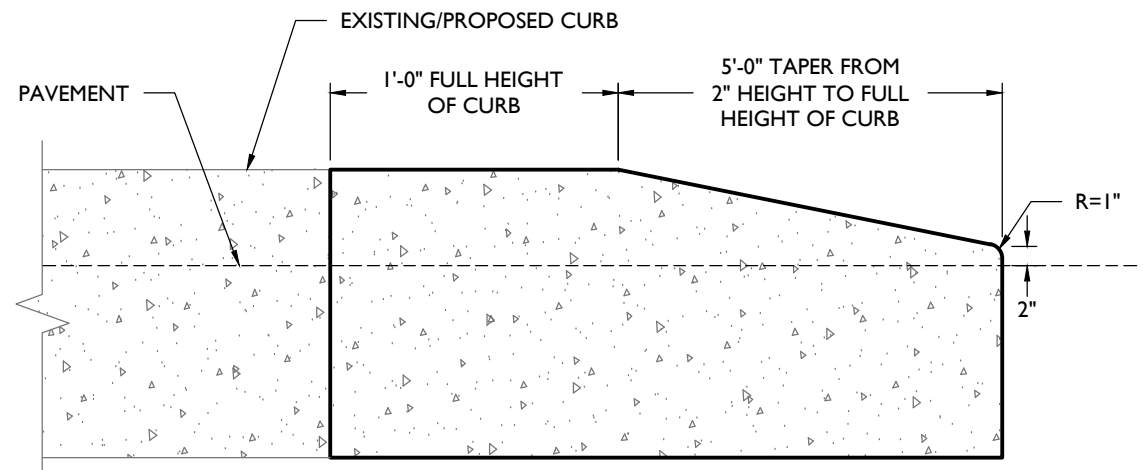
NOT TO SCALE



TRANSITION RAMP DETAIL

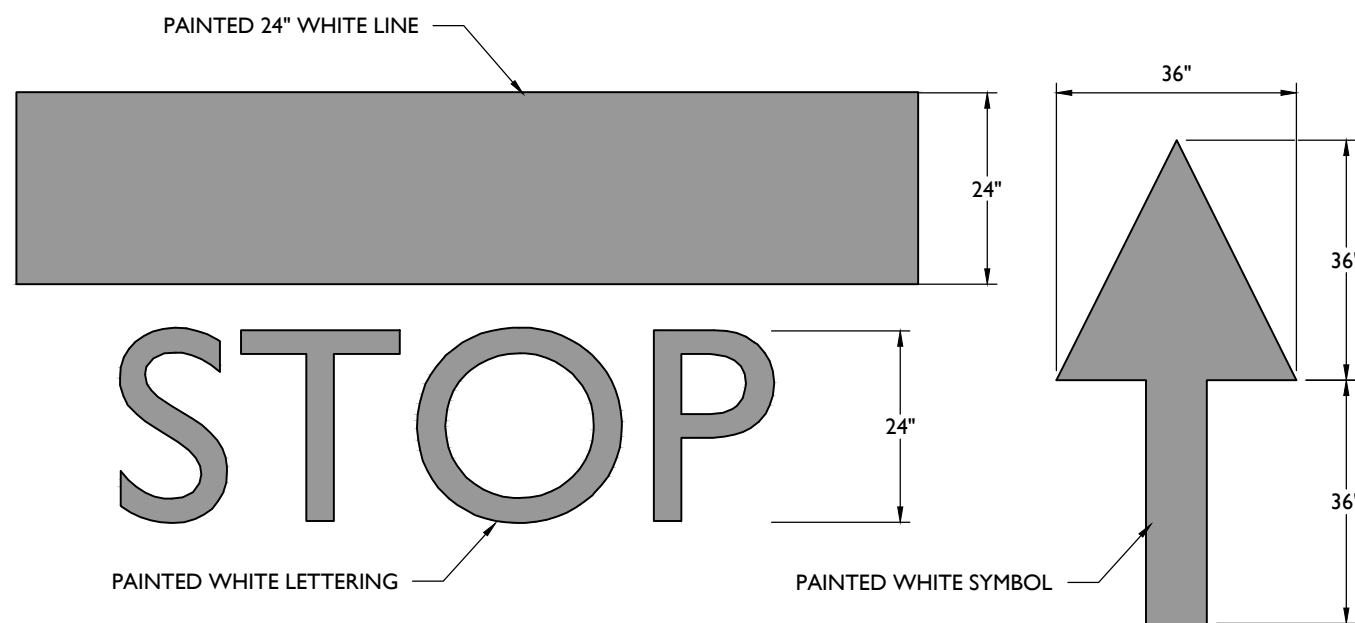
NOT TO SCALE

NOTES:
1. CROSS SLOPE ON RAMP SHALL NOT EXCEED 2%.
2. A FLUSH CURB SHALL HAVE A MINIMUM WIDTH OF 36". SEE PLAN FOR EXACT WIDTH.
3. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
4. VISUAL CONTRAST: THERE SHALL BE A MINIMUM OF 70% CONTRAST IN LIGHT REFLECTANCE BETWEEN THE DETECTABLE WARNING AND AN ADJOINING SURFACE.
5. DETECTABLE WARNING STRIP REQUIRED WHERE RAMP DIRECTS PEDESTRIAN TRAFFIC TOWARDS VEHICLE TRAVEL WAY. WARNING STRIP SHALL BE CAST-IN-PLACE.
6. RAMP SHALL HAVE A MAXIMUM RISE OF 6" WITHOUT A HANDRAIL.



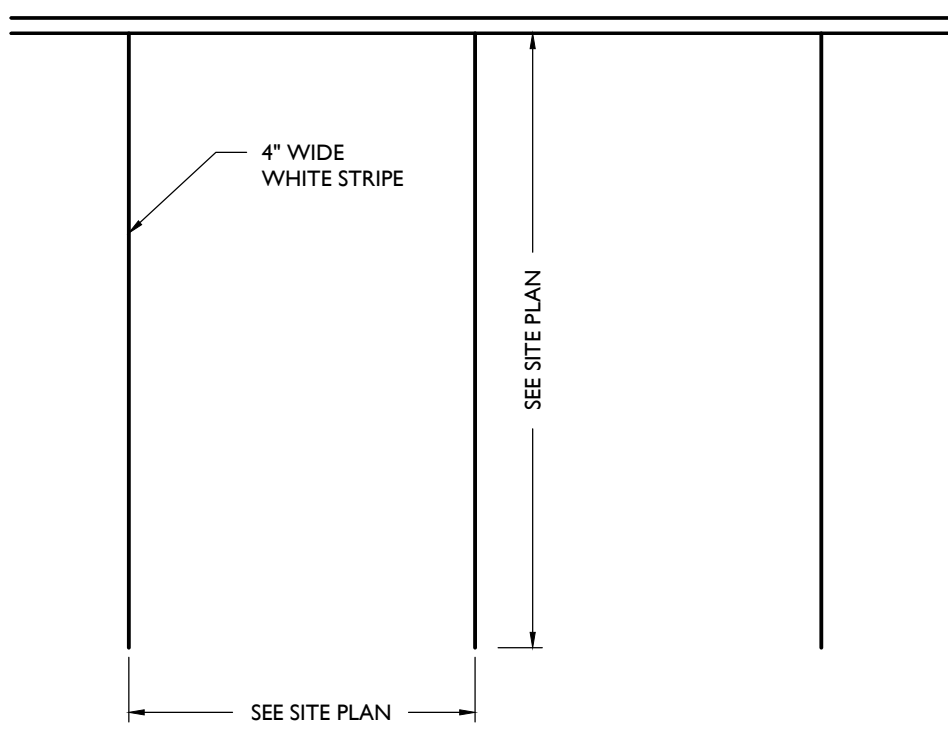
CURB TAPER DETAIL

NOT TO SCALE



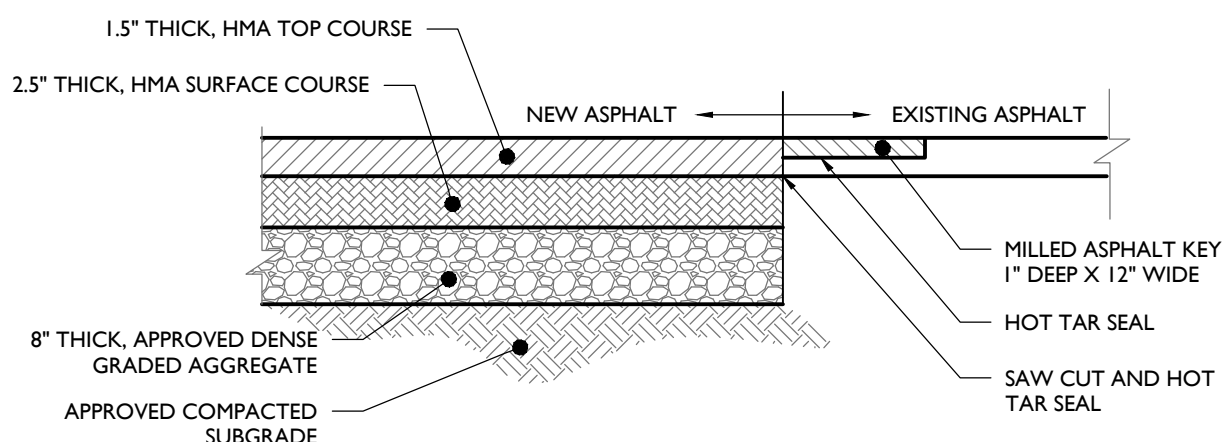
STOP BAR & ARROW DETAILS

NOT TO SCALE



PARKING STALL MARKINGS

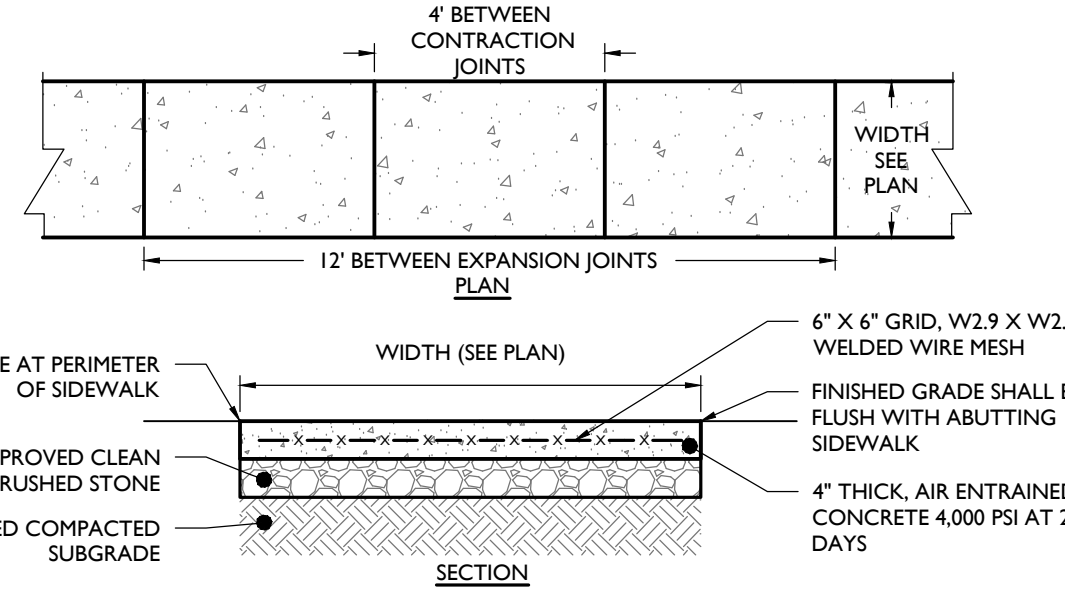
NOT TO SCALE



FULL DEPTH ASPHALT PAVEMENT DETAIL

NOT TO SCALE

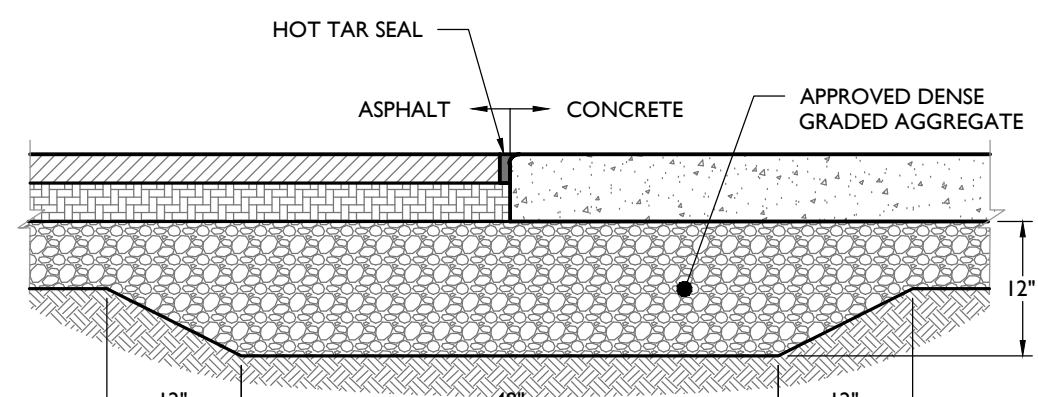
NOTE:
1. HMA MIX AND DENSE GRADED AGGREGATE SHALL CONFORM TO STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
2. CONTRACTOR TO REFER TO GEOTECHNICAL REPORT FOR PAVEMENT CROSS SECTION.



REINFORCED CONCRETE WALKWAY DETAIL

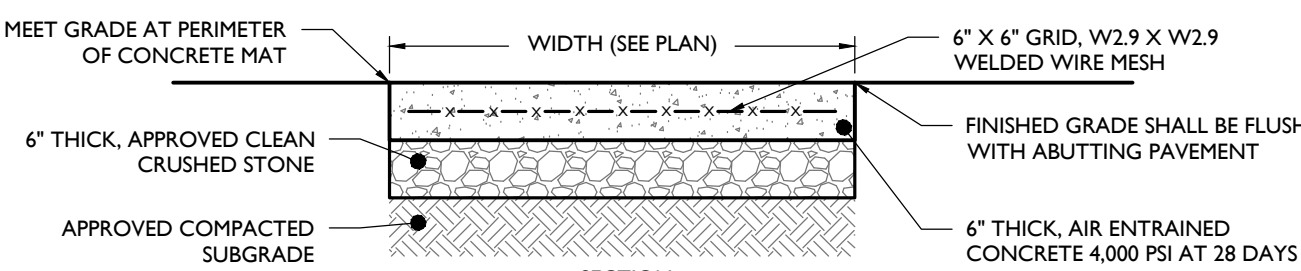
NOT TO SCALE

NOTES:
1. MAXIMUM CROSS SLOPE SHALL BE 1/2" PER FOOT.
2. 1/2" EXPANSION JOINTS SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED 1/2" FROM THE SURFACE.
3. 1" DEEP BY 1/2" WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT 4' INTERVALS.
4. EXPANSION JOINT SHALL BE PROVIDED WHERE ADJACENT TO A BUILDING.



CONCRETE TO ASPHALT TRANSITION DETAIL

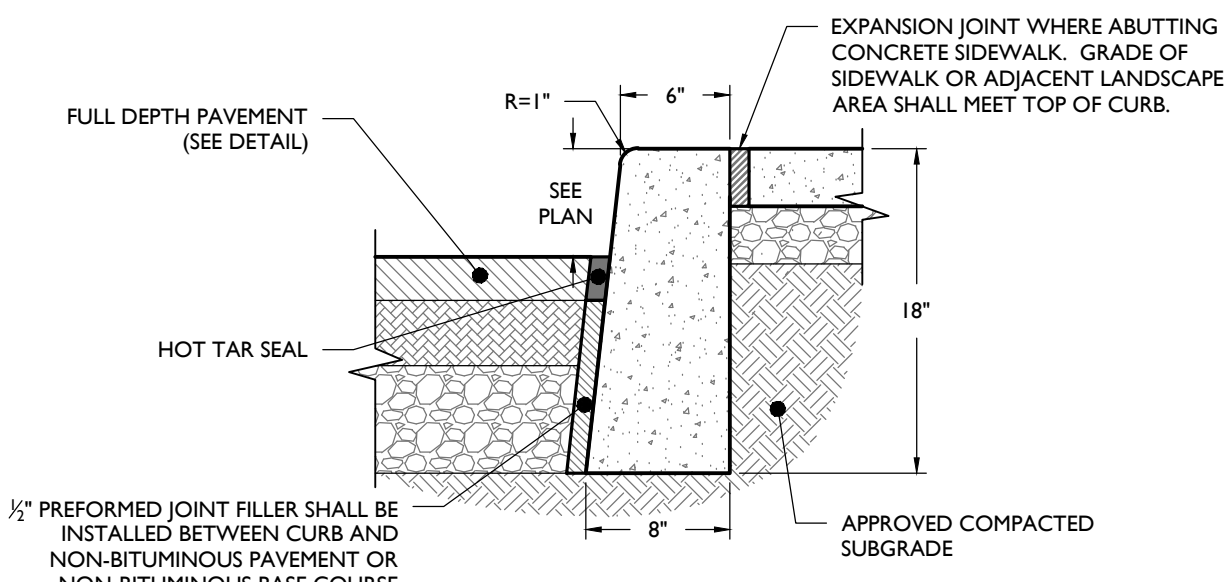
NOT TO SCALE



REINFORCED 6" CONCRETE MAT

NOT TO SCALE

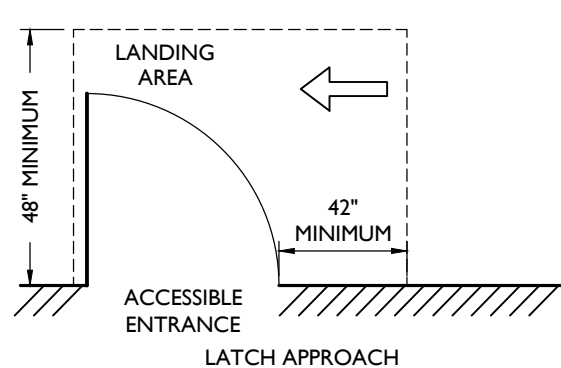
NOTES:
1. 1/2" EXPANSION JOINTS WITH WATER SEAL SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED 1/2" FROM THE SURFACE. LONGITUDINAL REBAR TO BE CUT AT EXPANSION JOINTS.
2. 1" DEEP BY 1/2" WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT MID-POINT BETWEEN EXPANSION JOINTS OR 6' INTERVALS MAX.
3. CONCRETE SHALL RECEIVE BROOM FINISH.
4. ALL EXPOSED CORNERS TO HAVE 12" CHAMFER.



CONCRETE CURB DETAIL

NOT TO SCALE

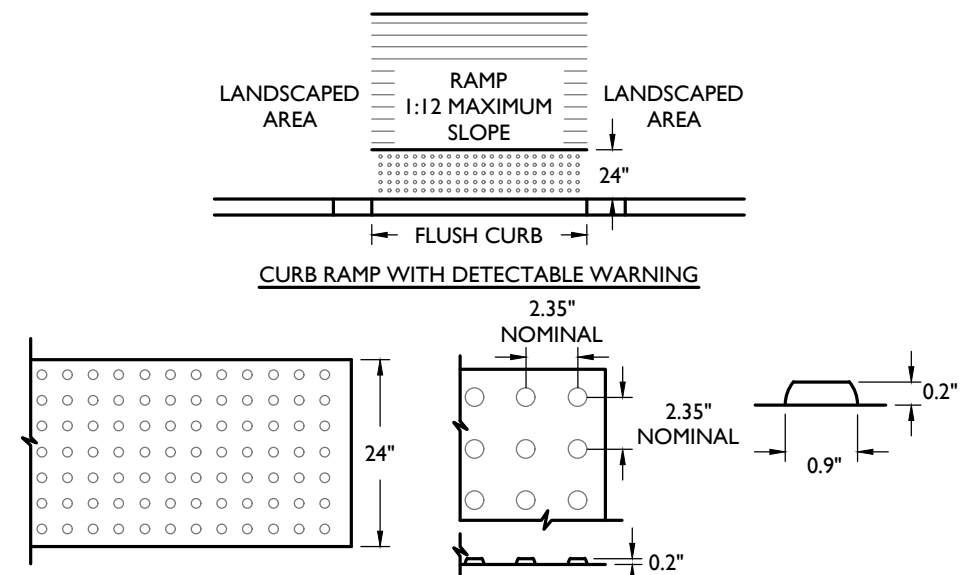
1/2" PREFORMED JOINT FILLER SHALL BE INSTALLED BETWEEN CURB AND NON-BITUMINOUS BASE COURSE



ACCESSIBLE ENTRANCE LANDING DETAIL

NOT TO SCALE

NOTES:
1. MAXIMUM SLOPE ON LANDING SHALL BE 1:50 IN ALL DIRECTIONS.
2. DIMENSIONS SHOWN HERE ARE THE MINIMUM DIMENSIONS REQUIRED FOR AN ADA COMPLIANT LANDING AT THE ACCESSIBLE ENTRANCE. REFER TO SITE PLAN FOR SITE SPECIFIC DIMENSIONS THAT MAY SPECIFY A LARGER LANDING AREA.
3. CONTRACTOR SHALL CONTACT THE ENGINEER BEFORE CONSTRUCTION IF THE ACCESSIBLE ENTRANCE ON SITE DOES NOT MATCH THE SCENARIO SHOWN ABOVE.



CURB RAMP DETAIL

NOT TO SCALE

PRELIMINARY & FINAL MAJOR SITE PLANS
ONE SCHOOL GLOBAL
PROPOSED K-12 GRADE SCHOOL

BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY

JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER

STONEFIELD
engineering & design

SCALE: AS SHOWN PROJECT ID: RUT-220209

TITLE:

CONSTRUCTION DETAILS

DRAWING:

C-11

NOT APPROVED FOR CONSTRUCTION

STONEFIELD
engineering & design

Rutherford, NJ - New York, NY - Boston, MA
Princeton, NJ - Tampa, FL - Detroit, MI
www.stonefieldeng.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 - Fax 201.340.4472

DESCRIPTION

BY

DATE

ISSUE

4

3

2

1

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

PK

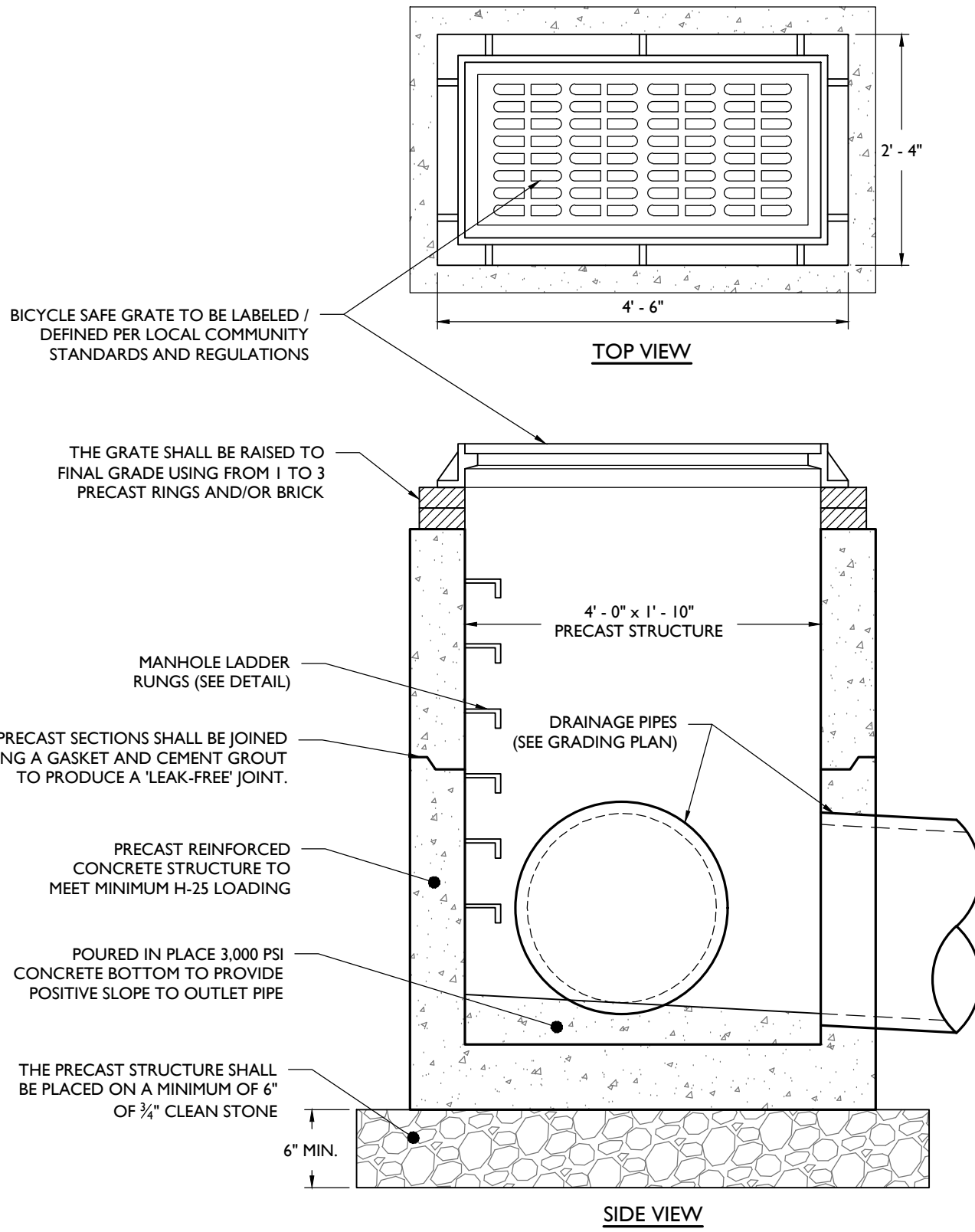
PK

PK

PK

Z:\RUTHERFORD\17022027\22027 ONE SCHOOL GLOBAL - 40 SHARRET ROAD PEQUANNOCK NEW JERSEY 07066\11-11-2027.DWG

- NOTES:
1. STRUCTURE TO BE CONSTRUCTED OF REINFORCED PRECAST CONCRETE.
 2. FRAME AND GRATE TO BE CAST-IRON AND SUPPORT MINIMUM H-25 LOADING.
 3. ALL JOINTS TO BE WATER-TIGHT.
 4. SUBGRADE BENEATH STRUCTURE SHALL BE LEVELED AND COMPACTED AS NECESSARY PRIOR TO INSTALLING STRUCTURE.

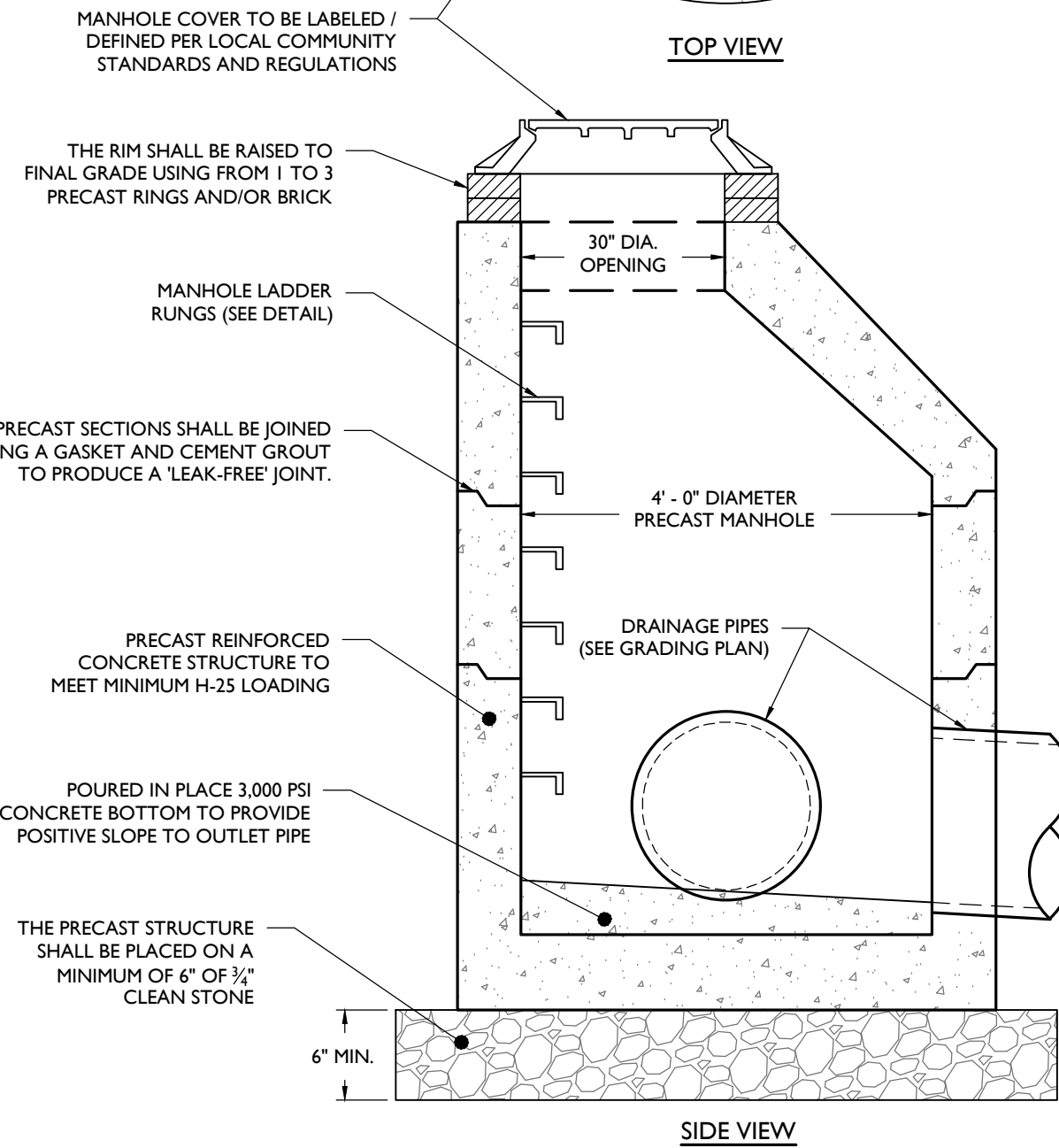


TYPE 'A' STORM INLET DETAIL

NOT TO SCALE

1

- NOTES:
1. STRUCTURE TO BE CONSTRUCTED OF REINFORCED PRECAST CONCRETE.
 2. FRAME AND COVER TO BE CAST-IRON AND SUPPORT MINIMUM H-25 LOADING.
 3. ALL JOINTS TO BE WATER-TIGHT.
 4. SUBGRADE BENEATH STRUCTURE SHALL BE LEVELED AND COMPACTED AS NECESSARY PRIOR TO INSTALLING STRUCTURE.

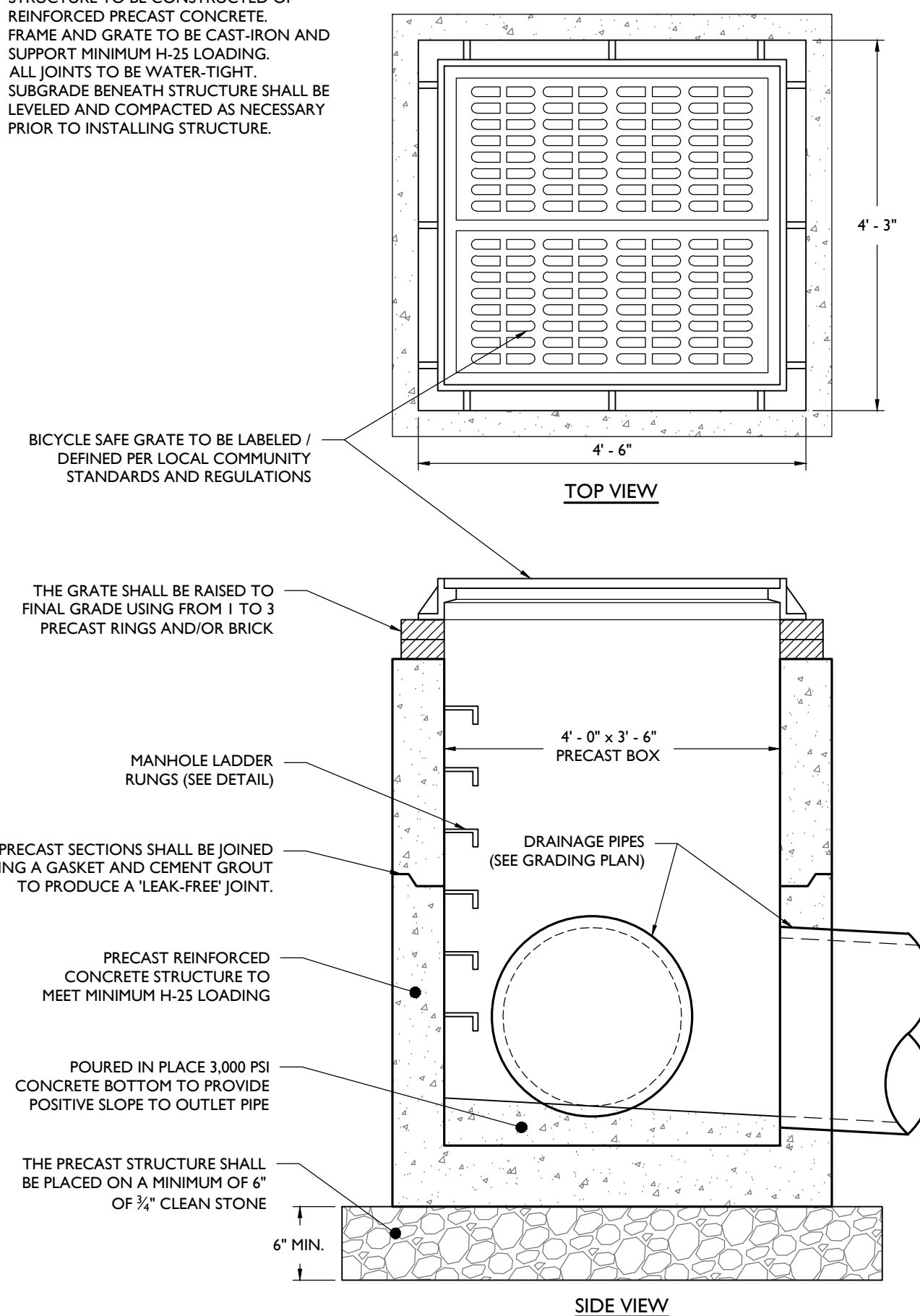


STORM MANHOLE DETAIL

NOT TO SCALE

2

- NOTES:
1. STRUCTURE TO BE CONSTRUCTED OF REINFORCED PRECAST CONCRETE.
 2. FRAME AND GRATE TO BE CAST-IRON AND SUPPORT MINIMUM H-25 LOADING.
 3. ALL JOINTS TO BE WATER-TIGHT.
 4. SUBGRADE BENEATH STRUCTURE SHALL BE LEVELED AND COMPACTED AS NECESSARY PRIOR TO INSTALLING STRUCTURE.

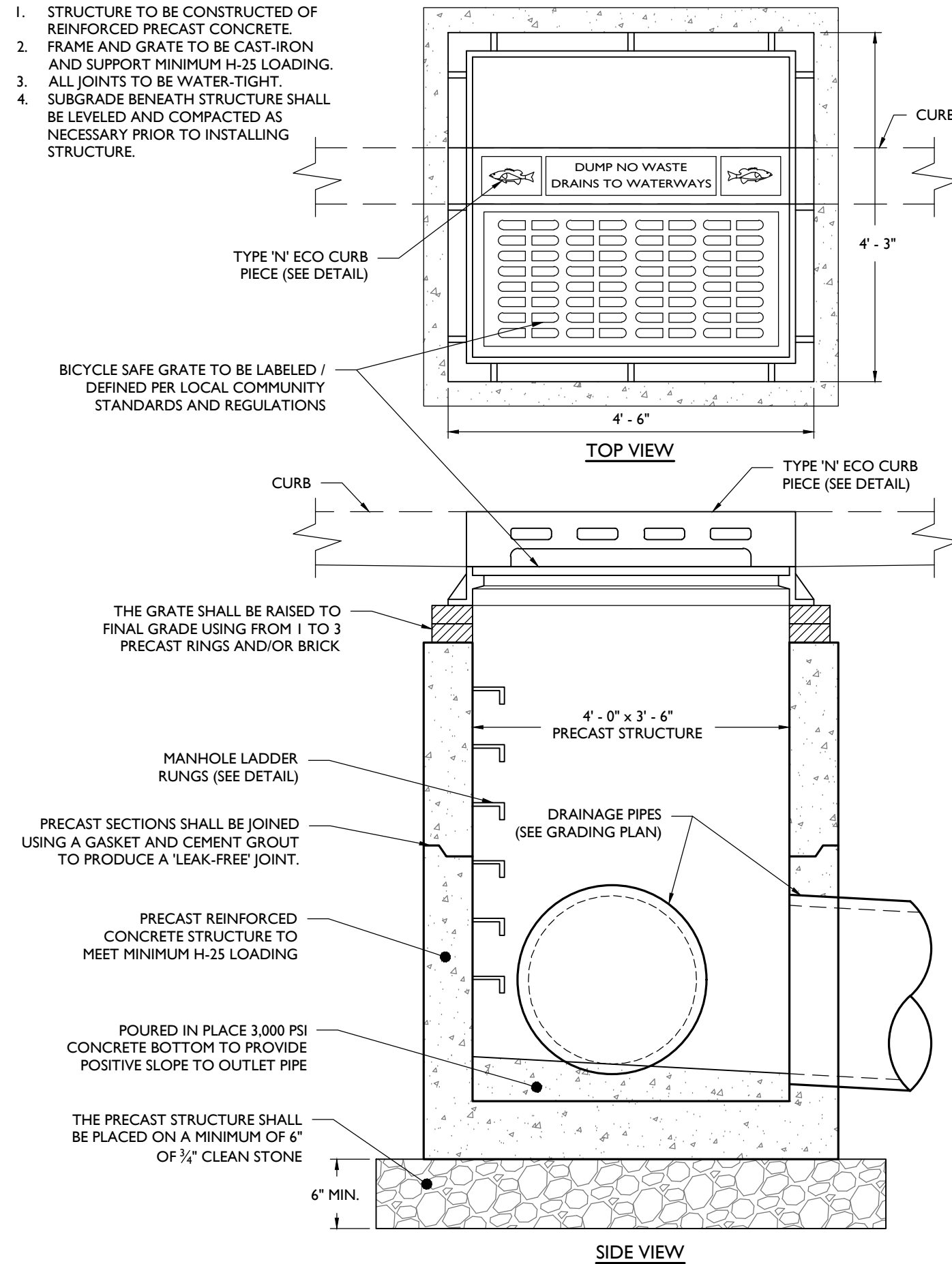


TYPE 'E' STORM INLET DETAIL

NOT TO SCALE

7

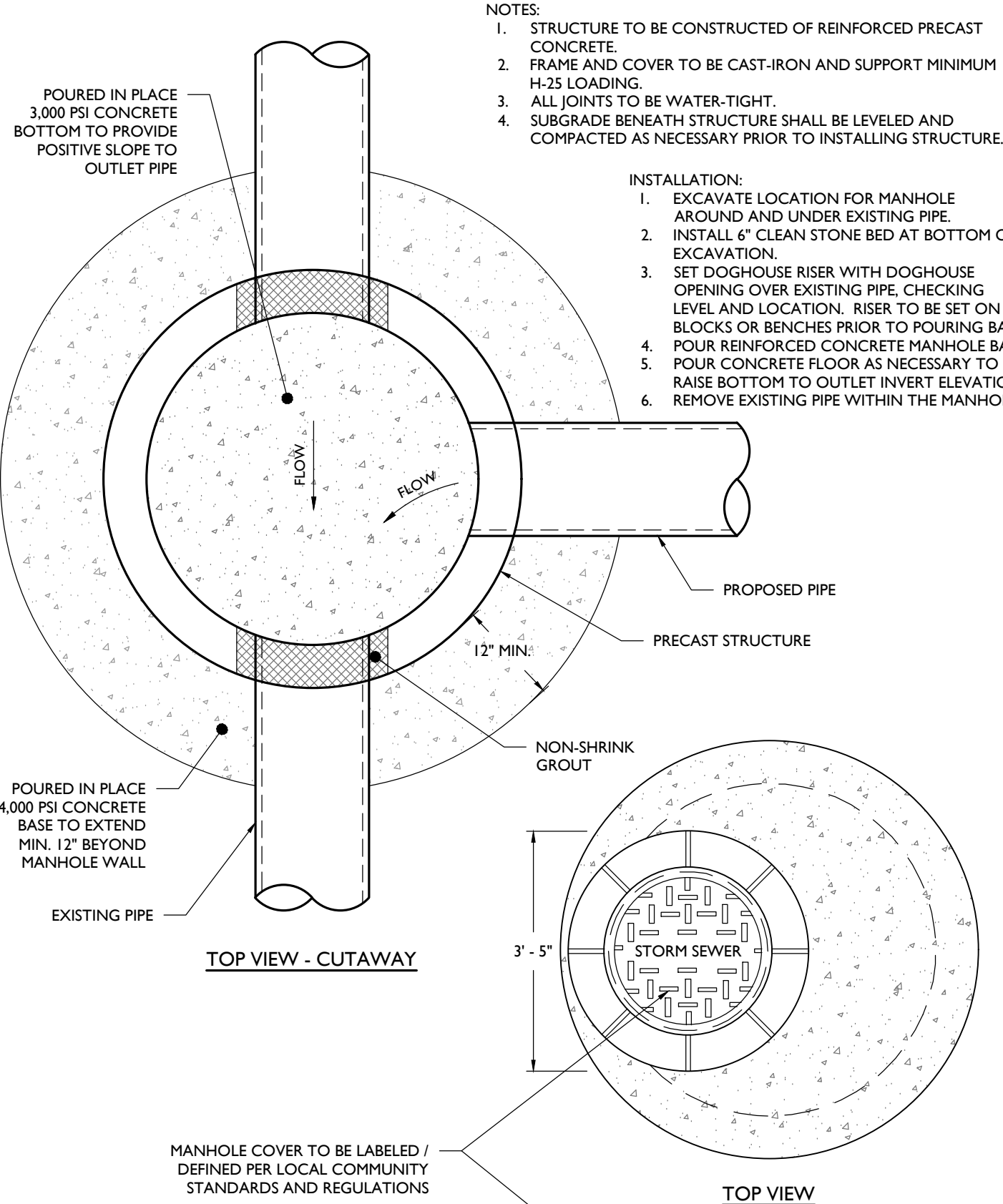
- NOTES:
1. STRUCTURE TO BE CONSTRUCTED OF REINFORCED PRECAST CONCRETE.
 2. FRAME AND GRATE TO BE CAST-IRON AND SUPPORT MINIMUM H-25 LOADING.
 3. ALL JOINTS TO BE WATER-TIGHT.
 4. SUBGRADE BENEATH STRUCTURE SHALL BE LEVELED AND COMPACTED AS NECESSARY PRIOR TO INSTALLING STRUCTURE.



TYPE 'B' STORM INLET DETAIL

NOT TO SCALE

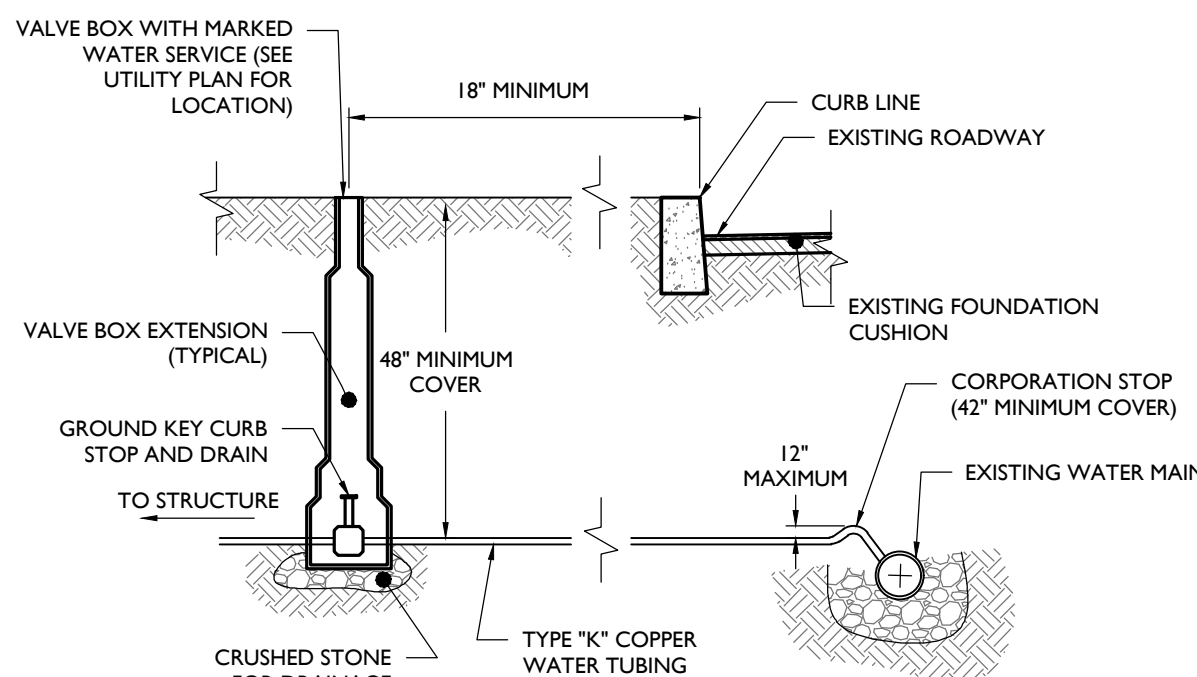
8



DOGHOUSE SANITARY MANHOLE DETAIL

NOT TO SCALE

3



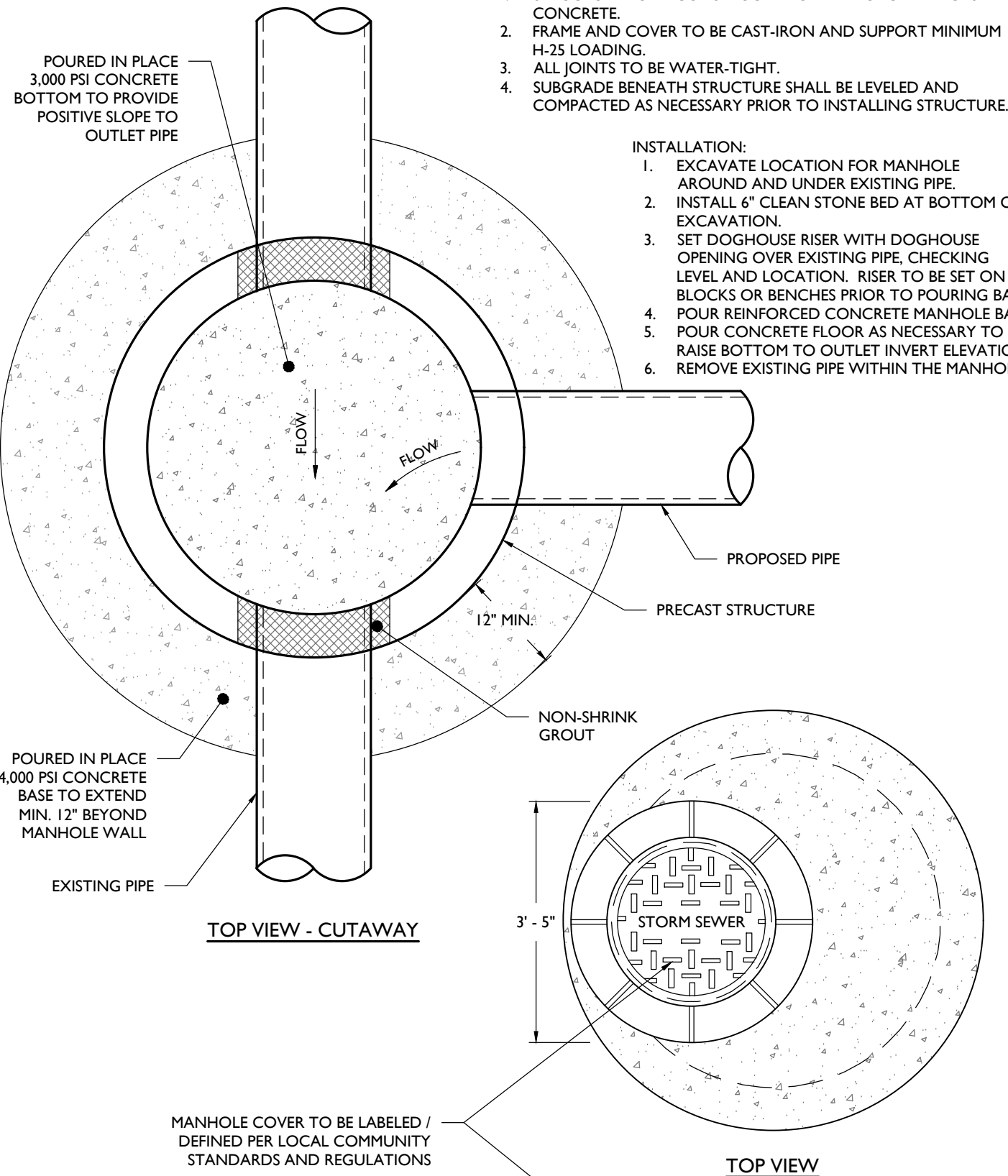
WATER CONNECTION DETAIL

NOT TO SCALE

9

- NOTES:
1. STRUCTURE TO BE CONSTRUCTED OF REINFORCED PRECAST CONCRETE.
 2. FRAME AND COVER TO BE CAST-IRON AND SUPPORT MINIMUM H-25 LOADING.
 3. ALL JOINTS TO BE WATER-TIGHT.
 4. SUBGRADE BENEATH STRUCTURE SHALL BE LEVELED AND COMPACTED AS NECESSARY PRIOR TO INSTALLING STRUCTURE.

- INSTALLATION:
1. EXCAVATE LOCATION FOR MANHOLE AROUND AND UNDER EXISTING PIPE.
 2. INSTALL 6" CLEAN STONE BED AT BOTTOM OF EXCAVATION.
 3. SET DOGHOUSE RISER WITH DOGHOUSE OPENING OVER EXISTING PIPE, CHECKING LEVEL AND LOCATION. RISER TO BE SET ON BLOCKS OR BENCHES PRIOR TO POURING BASE.
 4. POUR REINFORCED CONCRETE MANHOLE BASE.
 5. POUR CONCRETE FLOOR AS NECESSARY TO RAISE BOTTOM TO OUTLET INVERT ELEVATION. REMOVE EXISTING PIPE WITHIN THE MANHOLE.
 - 6.

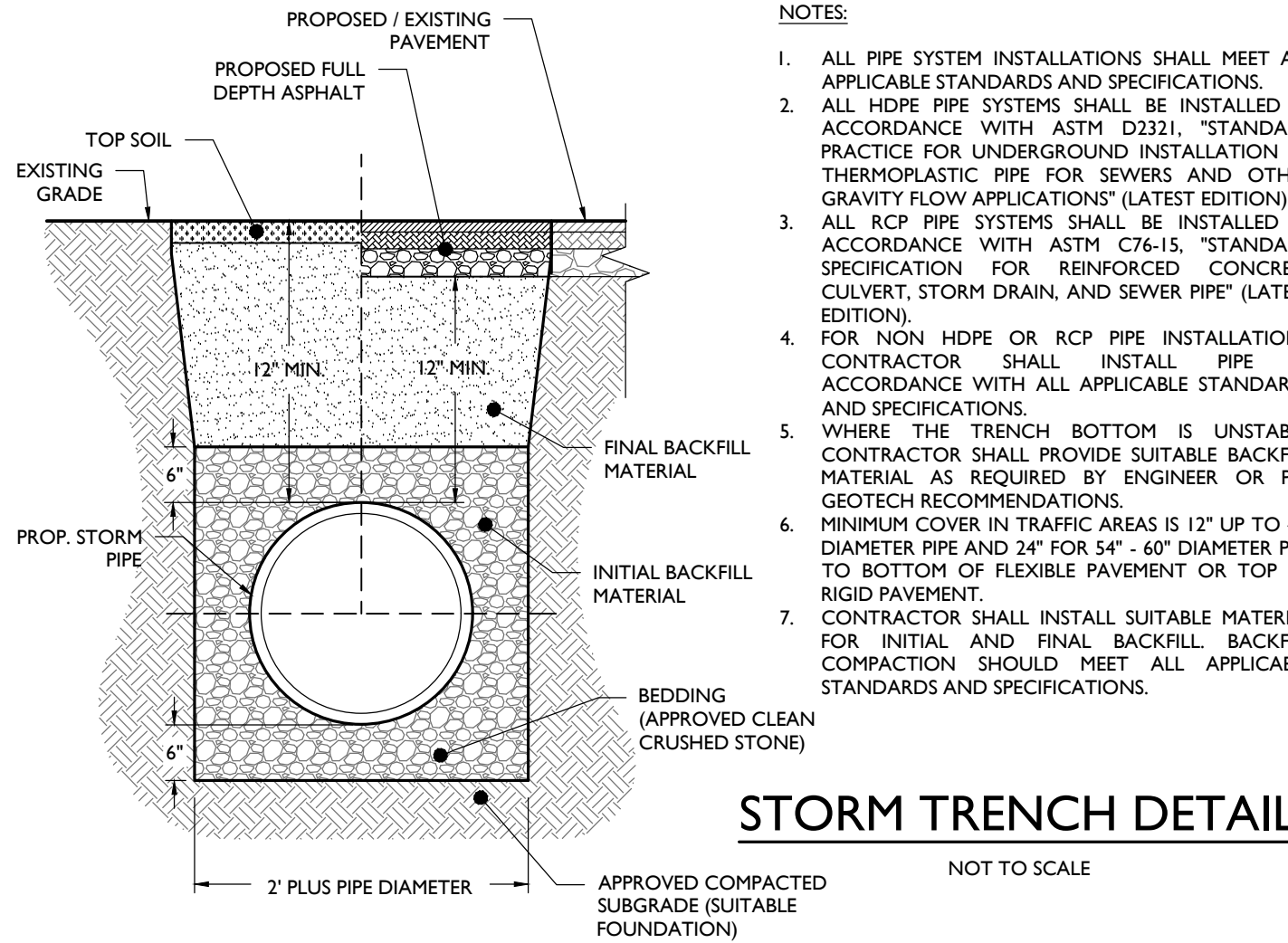


UTILITY TRENCH DETAIL

NOT TO SCALE

- NOTE:
- MINIMUM PIPE COVER SHALL BE AS FOLLOW:
- ELECTRIC SERVICE - PER APPLICABLE UTILITY AUTHORITY
 - GAS SERVICE - PER APPLICABLE UTILITY AUTHORITY
 - SEWER SERVICE - 36" MINIMUM
 - WATER SERVICE - 48" MINIMUM

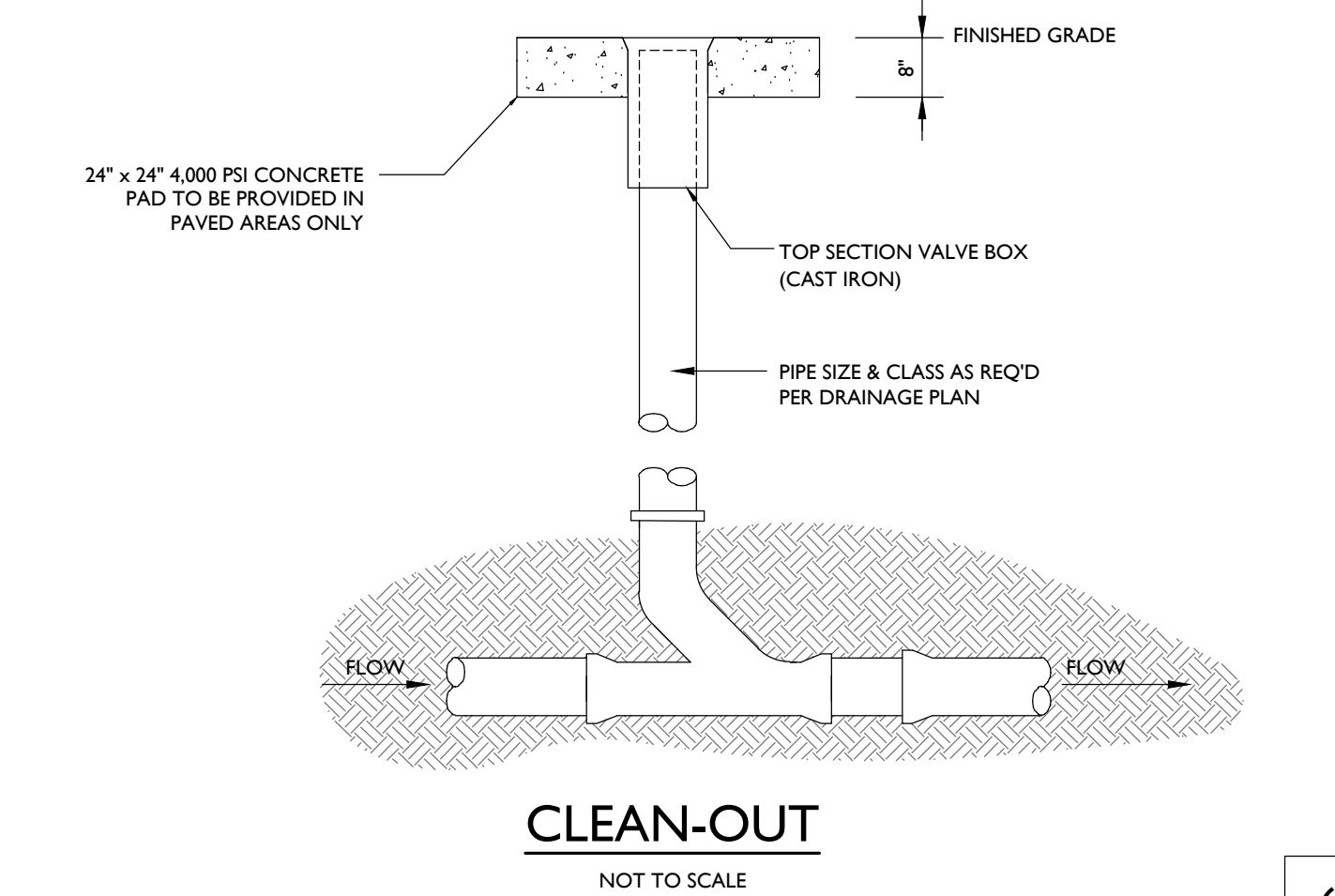
4



STORM TRENCH DETAIL

NOT TO SCALE

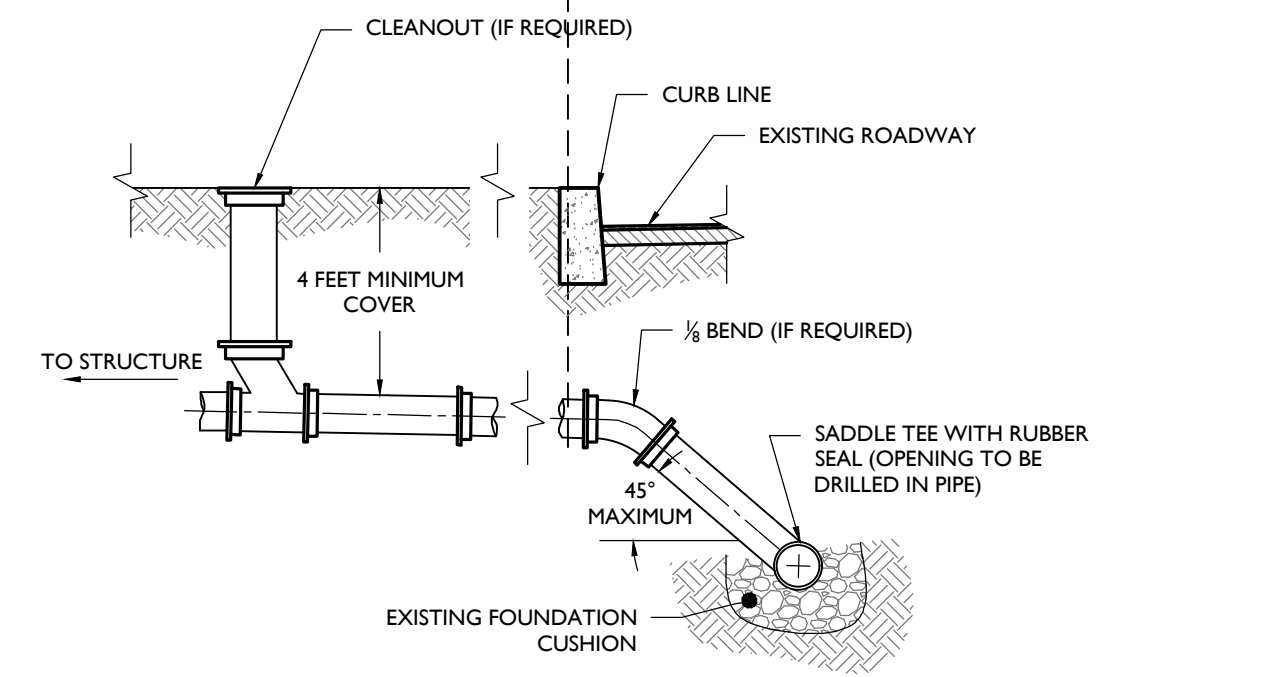
5



CLEAN-OUT

NOT TO SCALE

6



SEWER CONNECTION DETAIL

NOT TO SCALE

10

PRELIMINARY & FINAL MAJOR SITE PLANS

ONE SCHOOL GLOBAL
PROPOSED K-12 GRADE SCHOOL

BLOCK 2104, LOT 21
60 SUNSET ROAD
PEQUANNOCK TOWNSHIP
MORRIS COUNTY, NEW JERSEY

JAKE MODESTOW, P.E.
NEW JERSEY LICENSE No. 56119
LICENSED PROFESSIONAL ENGINEER

STONEFIELD
engineering & design

SCALE: AS SHOWN PROJECT ID: RUT-220209

TITLE:

CONSTRUCTION
DETAILS

DRAWING:

C-12

STONEFIELD
engineering & design

Rutherford, NJ · New York, NY · Boston, MA
Princeton, NJ · Tampa, FL · Detroit, MI
www.stonefieldeng.com

Headquarters: 92 Park Avenue, Rutherford, NJ 07070
Phone 201.340.4468 · Fax 201.340.4472

NOT APPROVED FOR CONSTRUCTION

DESCRIPTION

BY

DATE

ISSUE

FOR MUNICIPAL SUBMISSION

PK

4

02/15/2023

FOR COUNTY SUBMISSION

PK

3

12/02/2022

FOR MUNICIPAL SUBMISSION

PK

2

11/08/2022

FOR MUNICIPAL SUBMISSION

PK

1

10/17/2022

