NRHS RESTROOMS AND SITE IMPROVEMENTS

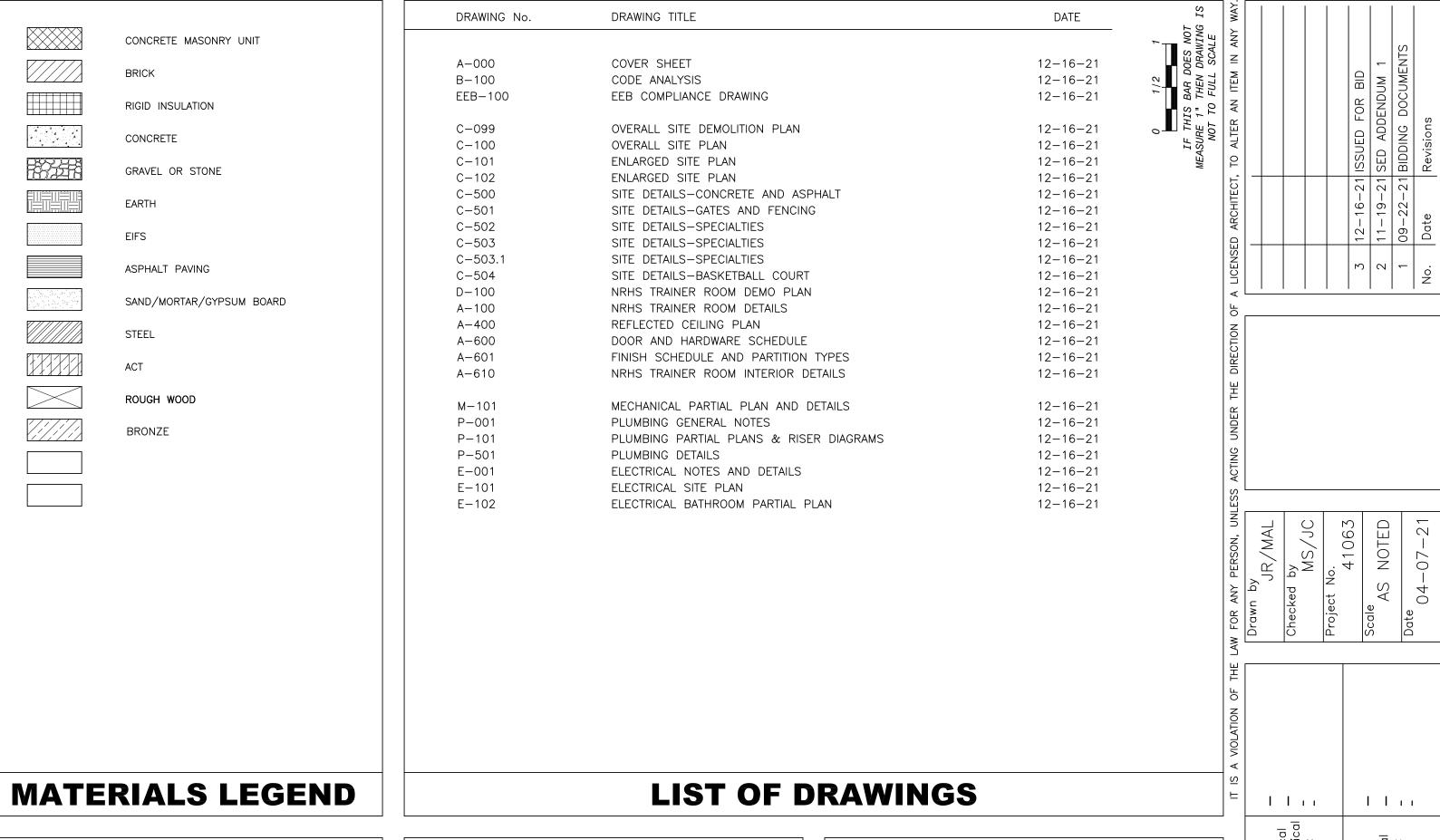
NORTH ROCKLAND HIGH SCHOOL SED NO. 50-02-01-06-0-016-033

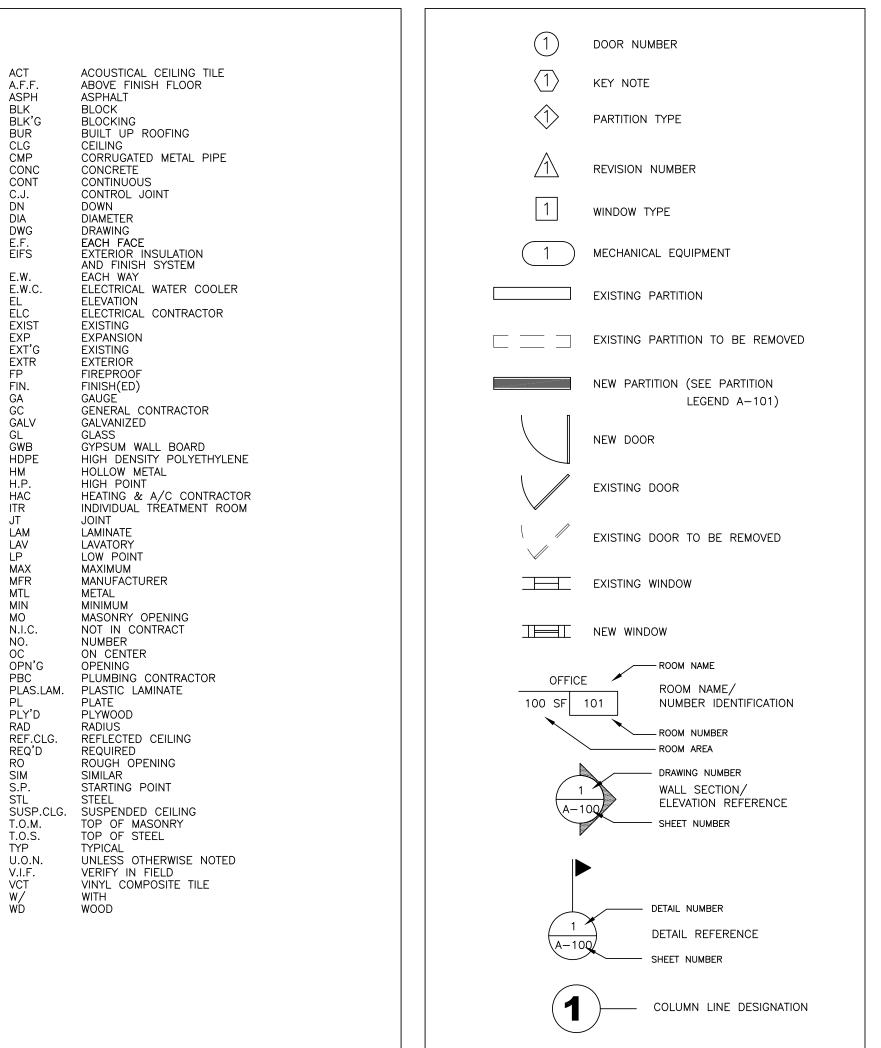
> 65 Chapel St Garnerville, NY 10923

OWNER: North Rockland Central School District 65 Chapel St Garnerville, NY 10923

ARCHITECT: MICHAEL SHILALE ARCHITECTS, LLP 140 Park Avenue New City, NY 10956

> PME ENGINEER: GREENMAN-PEDERSEN, INC. **400 Rella Boulevard** Montebello, NY 10901

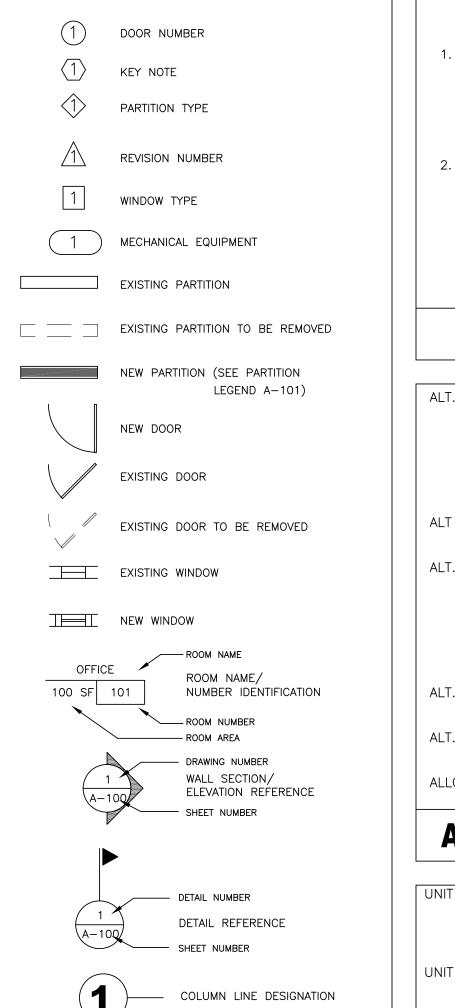




H.P.

MTL MIN

ABBREVIATIONS



SYMBOLS LEGEND

2. G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD AND IS TO NOTIFY ARCHITECT IF THERE ARE ANY DISCREPANCIES **GENERAL NOTES**

WITH AN "F" AS SHOWN.

ALT. NO. 1 REMOVE 36" CMP AND REPLACE WITH HDPE PIPE FROM SOUTH HEADWALL TO 10' AWAY FROM LINE OF NEW ASPHALT. APPROXIMATELY 220 L.F. OF PIPE, CONTRACTOR TO FIELD VERIFY. REMOVE AND INSTALL 1 CONCRETE HEADWALL. SEE DETAIL 2/C-503.

ALT NO. 1A: REPLACE EXISTING HEADWALL FOR ALTERNATE NO.

REMOVE 36" CMP AND REPLACE WITH HDPE PIPE FROM NORTH HEADWALL TO 10' AWAY FROM LINE OF NEW ASPHALT. APPROXIMATELY 270 L.F. OF PIPE, CONTRACTOR TO FIELD VERIFY. REMOVE AND INSTALL 1 CONCRETE HEADWALL. SEE DETAIL 2/C-503.

ALT. NO. 2A: REPLACE EXISTING HEADWALL FOR ALTERNATE NO. 2

ADD SEATING ON NORTH SIDE OF ENTRY.

ALLOWANCE NO 1: \$5,000 FOR TESTING

ALTERNATES/ALLOWANCES

UNIT PRICE NO. 1 PROVIDE A PRICE PER SQ YARD FOR 2" ASPHALT. NEW PAVING WHERE NO PAVING PREVIOUSLY EXISTED. SEE DETAIL 9/C-500.

UNIT PRICE NO. 2:

PROVIDE A PRICE PER SQ YARD FOR 2" ASPHALT AND 1-1/2" MILLING OF EXISTING PAVING. SEE DETAIL 12/C-500.

UNIT PRICES

NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS SED# 50-02-01-06-0-016-033

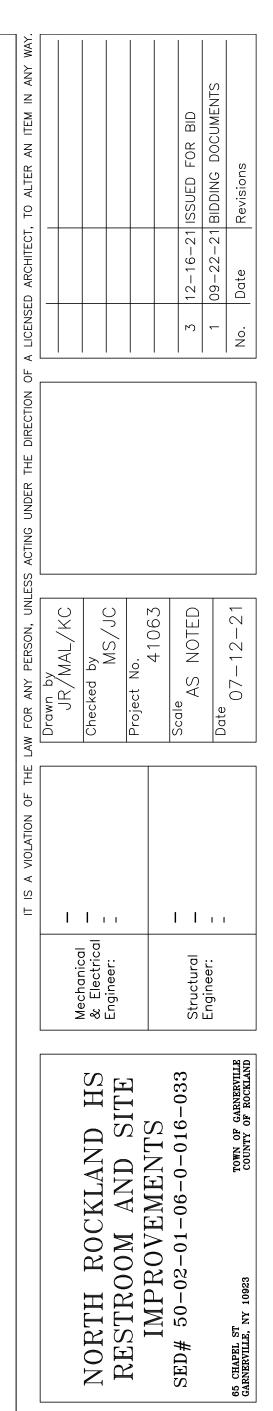
COVER SHEET

000-

	2020 EXISTING BUILDING COD		
	BUILDING CODE S	SUMMARY	
iite	North Rockland High School	Date:	7/9/2021
	Restroom Modifications and		
Project Name: Project	Site Improvements	Location Architect of	Rockland County
Number:	41063	Record	MSA
varriber.	+1003	Record	IVISA
Project Address:	106 Hammond Road, Thiells NY10	984	
	APPLICABLE ORDINANCES, (CODES & STANDARD	
Building Code	2020 Building Code of New York S		
	2020 Existing Building Code State	of New York	
ire/Life Safety Accessible Code	2020 Fire Code of New York State		
nergy Code	ICC/ANSI A117.1 -2009 2020 Energy Conservation Constru	ıction Code of New York	State
lumbing Code	2020 Building Code of New York S		
Electric Code	National Electrical Code (NFPA 70	·	
Mechanical Code	2020 Building Code of New York S	tate, Chapter 28	
Е	XISTING BUILDING CODE: CHAPTER 1	SCOPE AND ADMINISTRA	TION
ECTION 101	GENERAL		
	The provisions of this code shall app	oly to the repair, alteration	n. change of occupancy
.01.2 Scope	addition to and relocation of existin		, anango ar a aagama,
·	This code shall apply to the repair, a	-	pancy, addition and
	relocation of existing buildings, rega		
01.4 Applicability	Sections 101.4.1 and 101.4.2.	,	
	The legal company of any building	aviating on the data of a	lantian of this sada
	The legal occupancy of any building shall be permitted to continue with	_	•
.014.2 Buildings	this code, the Fire Code of New York	•	•
Previously	New York State, or as is deemed ned		
) Occupied	safety and welfare of the occupants	, ,	Ü
	EXISTING BUILDING CODE: CH	IAPTER 2 DEFINITIONS	
ECTION 202	GENERAL DEFINITIONS	ommanng, an oomaraonin	<u> </u>
		vators dumbuvaitors occa	lators hoilers
	fire protection equipment, and elev	ators, dumbwarters, esca	iators, boliers,
	pressure vessels and other mechani	cal facilities or installatio	ns that are related to
	pressure vessels and other mechani building services. Equipment or fixt	cal facilities or installatio ure shall not include man	ns that are related to ufacturing, production,
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IXTURE	pressure vessels and other mechani building services. Equipment or fixt or process equipment, but shall incl process equipment.	cal facilities or installatio ure shall not include man ude connections from bu	ns that are related to ufacturing, production, ilding service to
IXTURE EXISTING	pressure vessels and other mechani building services. Equipment or fixt or process equipment, but shall incl process equipment. BUILDING CODE: CHAPTER 3 PROVIS	cal facilities or installatio ure shall not include man ude connections from bu	ns that are related to ufacturing, production, ilding service to
EXISTING EXISTING ECTION 301	pressure vessels and other mechani building services. Equipment or fixt or process equipment, but shall include process equipment. BUILDING CODE: CHAPTER 3 PROVIS ADMINISTRATION	cal facilities or installatio ure shall not include man ude connections from bui IONS FOR ALL COMPLIANO	ns that are related to ufacturing, production, ilding service to
EXISTING EXISTING ECTION 301 501.3.2 Work Area	pressure vessels and other mechani building services. Equipment or fixt or process equipment, but shall include process equipment. BUILDING CODE: CHAPTER 3 PROVIS ADMINISTRATION Alterations, additions and changes of	cal facilities or installatio ure shall not include man ude connections from bu IONS FOR ALL COMPLIANC of occupancy complying w	ns that are related to ufacturing, production, ilding service to CE METHODS with the applicable
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SECTION 801	EXISTING BUILDING CODE: CHAPTER 8 ALTERATIONS LEVEL 2 GENERAL
801.2 Alteration	In addition to the requirements of this chapter, all work shall comply with the
	requirements of Chapter 7.
SECTION 802	BUILDING ELEMENTS AND MATERIALS
801.2 Alteration	In addition to the requirements of this chapter, all work shall comply with the
Level 1 Compliance SECTION 802	requirements of Chapter 7. BUILDING ELEMENTS AND MATERIALS
3ECTION 802	
802.6 Fire- Resistance Ratings	Where approved by the code official, buildings where an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 of the International Building Code has been added, and the building is now sprinklered throughout, the required fire resistance ratings of building elements and materials shall be permitted to meet the requirements of the current building code. The building is required to meet the other applicable requirements of the International Building Code.
SECTION 803	FIRE PROTECTION
803.1 Scope	The requirements of this section shall be limited to work areas in which Level 2 alterations are being performed, and where specified they shall apply throughout the floor on which the work areas are located or otherwise beyond the work area.
803.2 Automatic Sprinkler Systems	Automatic sprinkler systems shall be provided in accordance with the requirements of Sections 803.2.1 through 803.2.4. Installation requirements shall be in accordance with the International Building Code.
	In buildings with occupancies in Groups E, work areas that have exits or corridors
	shared by more than one tenant or that have exits or corridors serving an occupant
	load greater than 30 shall be provided with automatic sprinkler protection where
	all of the following conditions occur: 1. The work area is required to be provided with automatic sprinkler protection in
	accordance with the International Building Code as applicable to new construction;
204.2.2.Cuz.uz.E	and
804.2.2 Group E SECTION 805	2. The work area exceeds 50 percent of the floor area. MEANS OF EGRESS
22011011 003	
90F 1 Coops	The requirements of this section shall be limited to work areas that include exits or corridors shared by more than one tenant within the work area in which Level 2 alterations are being performed, and where specified they shall apply throughout
805.1 Scope	Every story utilized for human occupancy on which there is a work area that includes exits or corridors shared by more than one tenant within the work area shall be
805.3.1 Minimum	provided with the minimum number of exits based on the occupancy and the occupant load in accordance with the International Building Code. In addition, the
Number	exits shall comply with Sections 805.3.1.1 and 805.3.1.2.
SECTION 806	STRUCTURAL Any existing gravity load-carrying structural element for which an alteration causes
806.2 Existing Structural Elements Carrying Gravity Loads	an increase in design dead, live or snow load, including snow drift effects, of more than 5 percent shall be replaced or altered as needed to carry the gravity loads required by the Building Code of New York State for new structures. Any existing gravity load-carrying structural element whose gravity load-carrying capacity is decreased as part of the alteration shall be shown to have the capacity to resist the applicable design dead, live and snow loads, including snow drift effects, required by the Building Code of New York State for new structures.
SECTION 807	Newly installed electrical equipment and wiring relating to work done in any work
807.1 New	area shall comply with all applicable requirements of NFPA 70 except as provided
Installations	for in Section 807.3.
SECTION 808	MECHANICAL In mechanically ventilated spaces, existing mechanical ventilation systems that are
	altered, reconfigured, or extended shall provide not less than 5 cubic feet per
	minute (cfm) (0.0024 m3/s) per person of outdoor air and not less than 15 cfm
807.1 Altered	(0.0071 m3/s) of ventilation air per person; or not less than the amount of
Existing Systems 20	ventilation air determined by the Indoor Air Quality Procedure of ASHRAE 62.1. 20 BUILDING CODE OF NEW YORK STATE: CHAPTER 11 ACCESSIABLITY
SECTION 1102	COMPLIANCE
102.1 Design SECTION 1103	Buildings and facilities shall be designed and constructed to be accessible in accordance with this code and ICC A117.1. SCOPING REQUIREMENTS
1103.1 Where	Sites, buildings, structures, facili-ties, elements and spaces, temporary or
required. SECTION 1104	permanent, shall be accessible to individuals with disabilities. ACCESSIBLE ROUTE
	At least one accessible route within the site shall be provided from public
1104.1 Site arrival points	transportation stops, accessible parking, accessible passenger loading zones, and public streets or sidewalks to the accessible build-ing entrance served.
1104.2 Within a	At least one accessible route shall con-nect accessible buildings, accessible

	BLIII DING C	ODE SUMMARY	
	BUILDING C	ODE SUIVIIVIARY	
Site	North Rockland High School	Date:	7/12/202
	Restroom Modifications and	3.00.	., ==, ===
Project Name:	Site Improvements	Location	Rockland Count
Project Name.	Site improvements	Architect	
Number:	41063	Record	MS
		1,400010	
Project Address:	106 Hammond Road, Thiells	NY10984	
	APPLICABLE ORDINAN	CES, CODES & STAND	OARD
Building Code	2020 Building Code of New Y	ork State	
	2020 Existing Building Code S	State of New York	
Fire/Life Safety	2020 Fire Code of New York S	tate	
Accessible Code	ICC/ANSI A117.1 -2009		
Energy Code	2020 Energy Conservation Co		
Plumbing Code	2020 Building Code of New Y		9
Electric Code	National Electrical Code (NFP	-	0
	2020 Building Code of New York	•	
	CONSERVATION CODE: CHAP		L ENERGY EFFICIENCY
SECTION C402	Building Envelope Requireme		ahliaa
Table C402.1.3	Building Envelope Requireme	nts - Opaque Assen	nbiles
	Climate Zone 5A	 Walls	Minumum R-Value
	Mass	Above Grade	R-11.4ci
	IVIGSS	Above Grade	N-11.4CI
	Climate Zone 5A	Roofs	Minimum R-Value
	Cimate Zone 3A	Insul entirely	
	Wood Framed or Other	above roof deck	R-30ci
		and the tree tree tree tree tree tree tree	
TABLE C402.1.4	OPAQUE THERMAL ENVELOP	E ASSEMBLY MAXIN	MUM REQUIREMENTS, U-FACTO
	Climate Zone 5A		Maximaum U-Value
	Swinging door		U-0.37
	Mechanical systems and equi	ipment serving the l	ouilding heating, cooling,
C403.1 General	ventilating or refrigerating ne		
			nd air conditioning of the building
			AE/ACCA Standard 183 or by an
C403.1.1	approved equivalent computat	•	• •
Calculation of	specified in Chapter 3. Heating	-	an be adjusted to account for covery systems are utilized in the
Heating and Cooling Loads	HVAC system in accordance with	<u> </u>	
(Mandatory)	Handbook by an approved equi		
	ENERGY CONSERVATION COD	•	•
SECTION C503	ALTERATIONS		
	Alterations to any building or s	tructure shall comply	with the requirements of the
	code for new construction. Alte		•
	structure is no less conforming		
		·	erations to an existing building,
	building system or portion the		
	those provisions relate to new	construction withou	t requiring the unaltered portion
	of the existing building or build	ding system to compl	y with this code. Alterations shal
C503.1 General			load existing building systems.
C503.4 Heating and	New heating, cooling and duct	systems that are part	t of the alteration shall comply





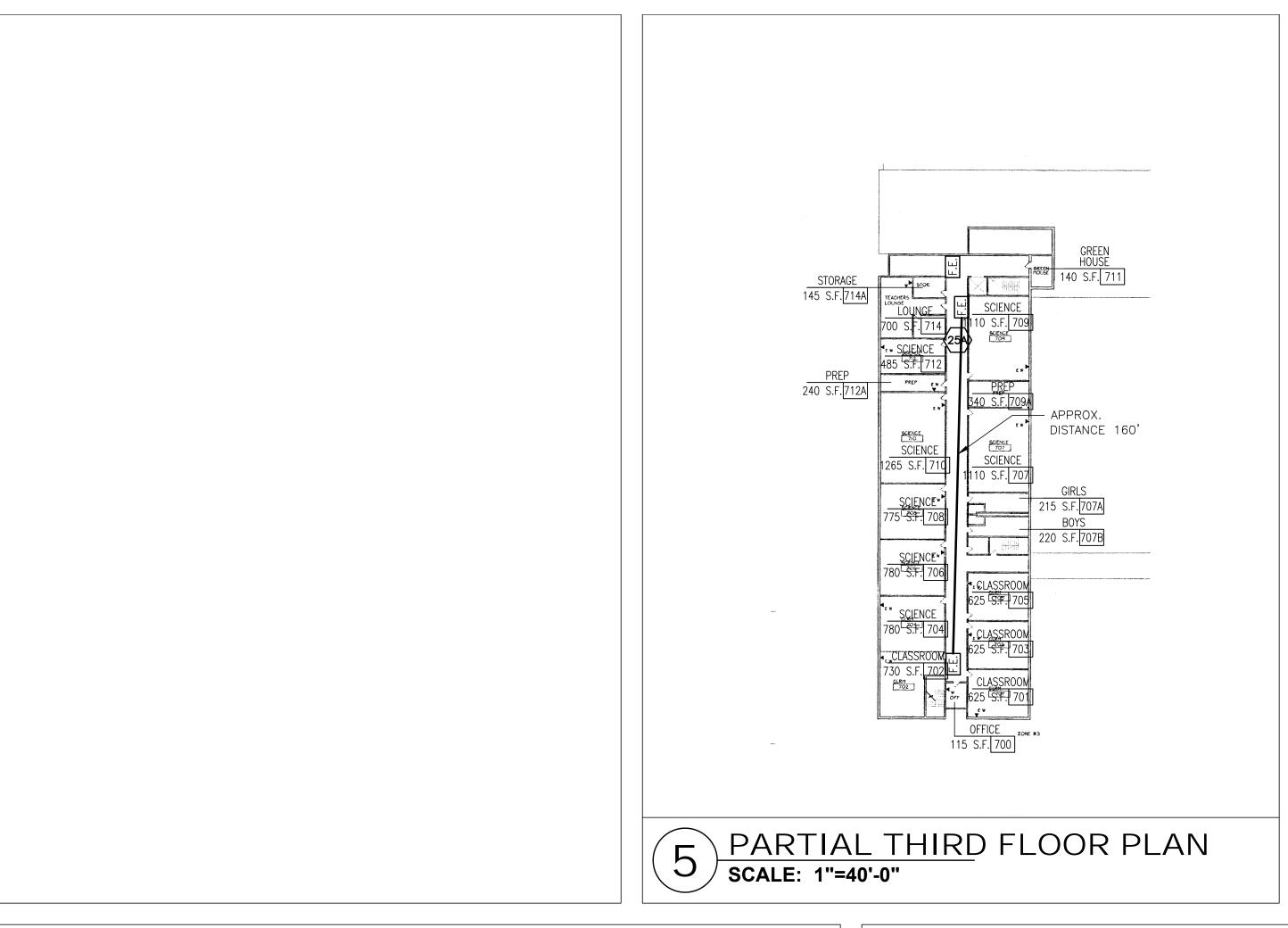
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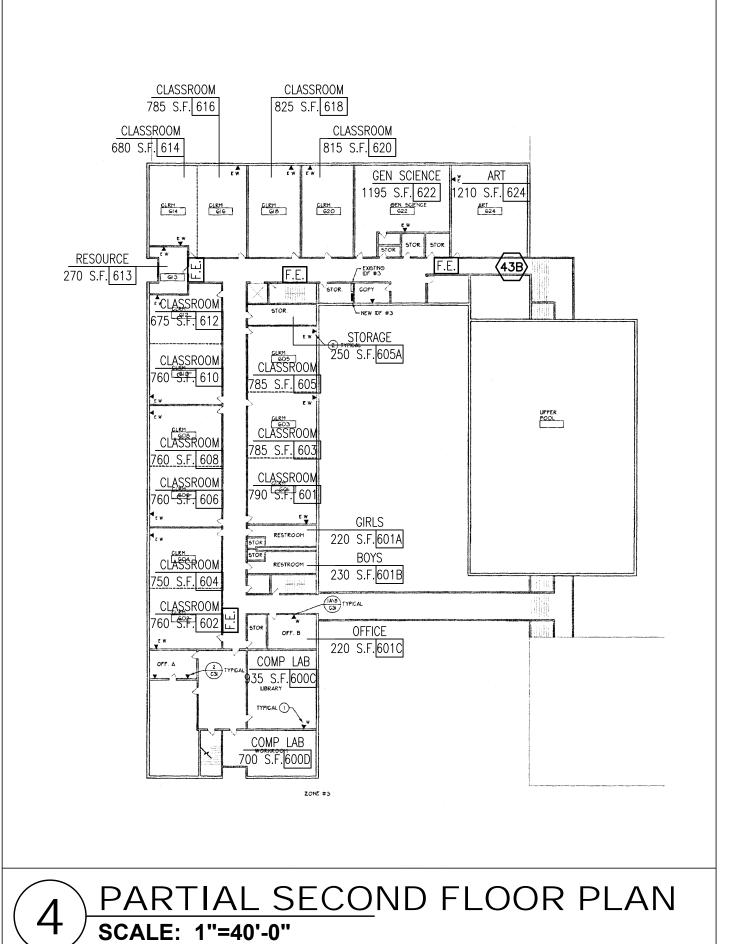
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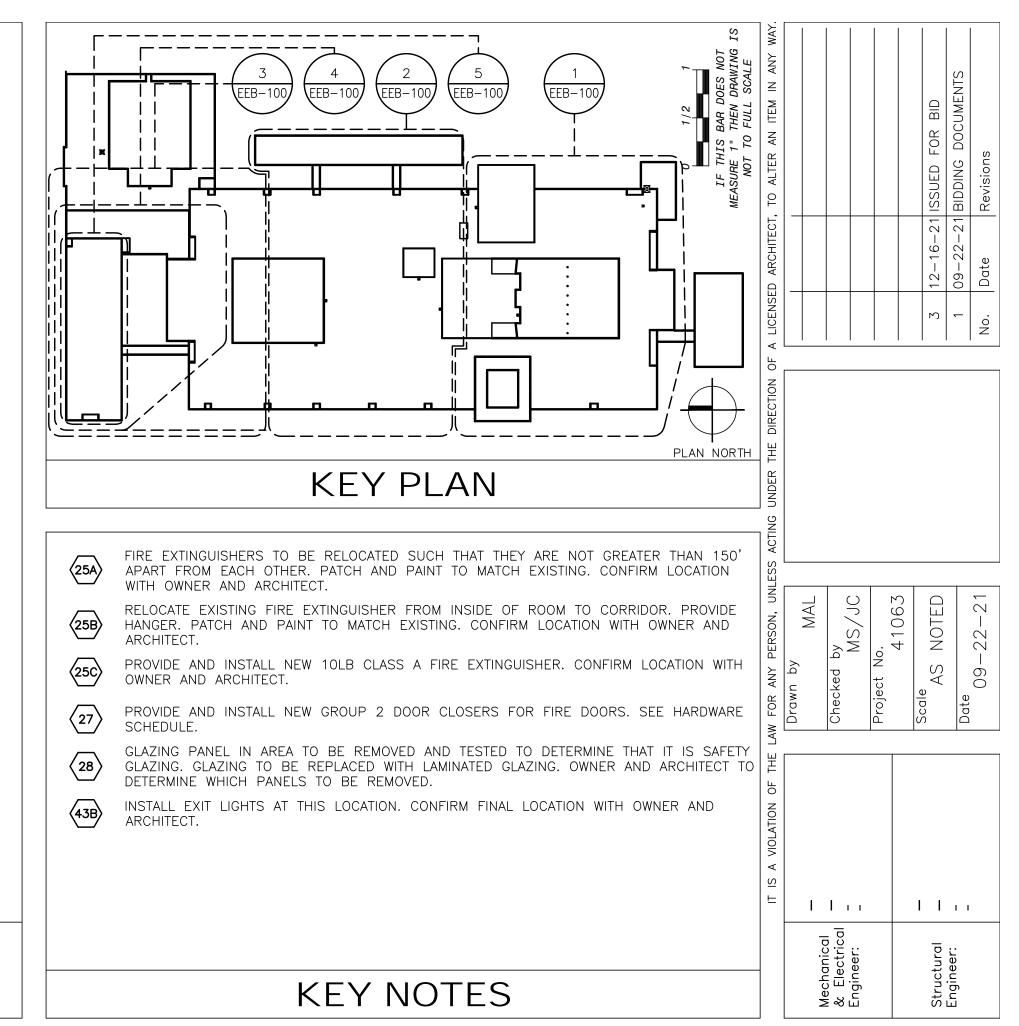
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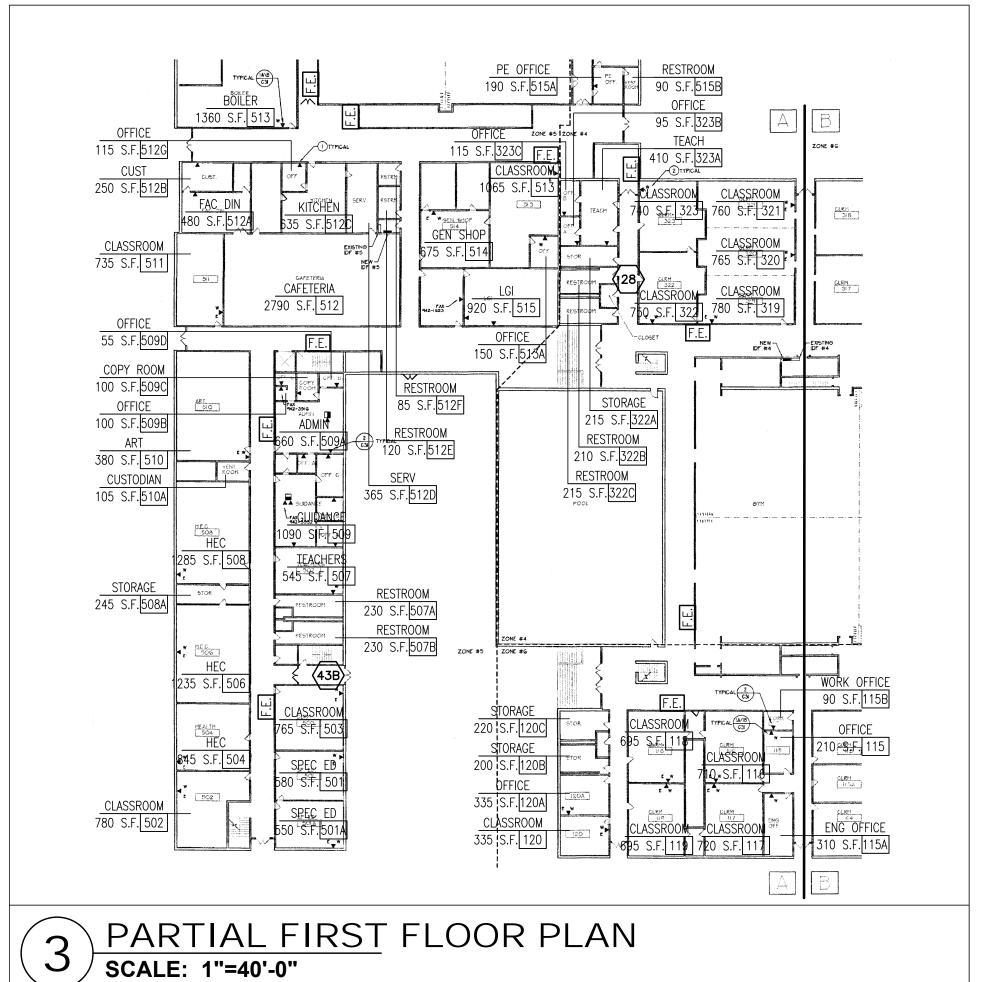
ANALYSIS

B-100

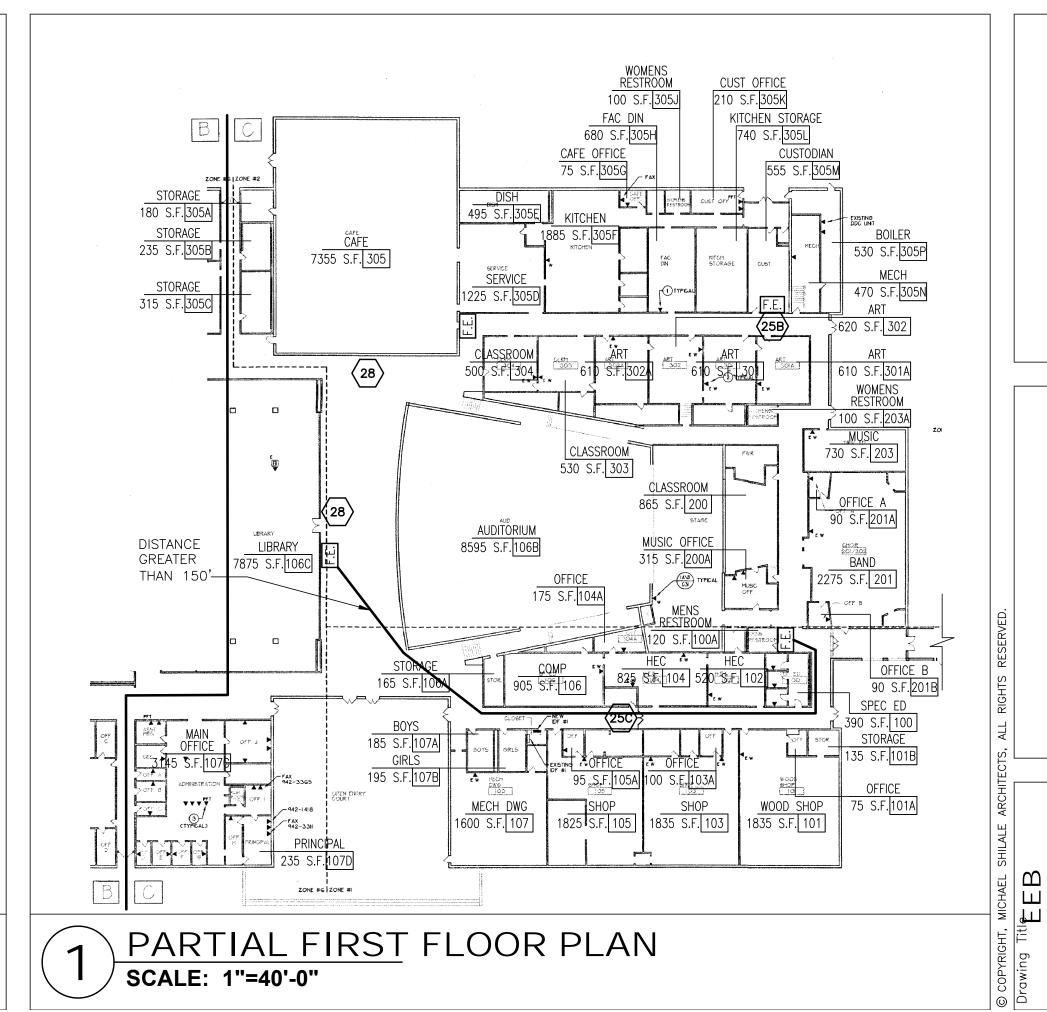


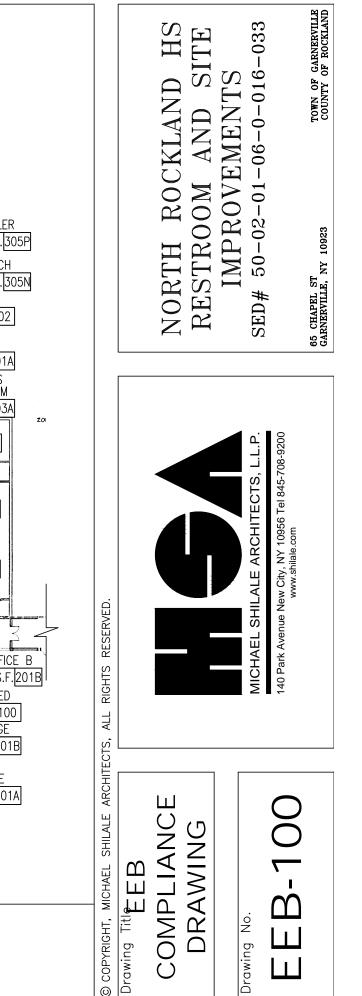


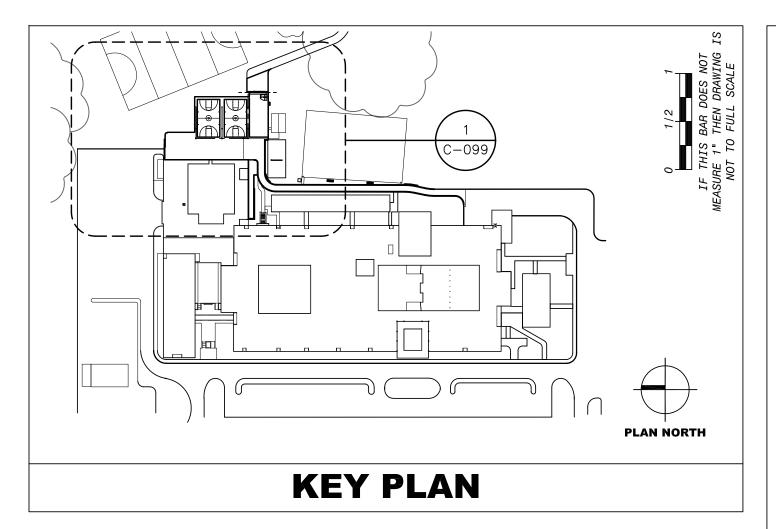












- 1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- 2. CONTRACTOR SHALL STAKE OUT LOCATION OF BASKETBALL COURTS, ATHLETIC FIELD ENTRY, AND FENCE LINE. NOTIFY ARCHITECT/OWNER PRIOR TO CONSTRUCTION FOR APPROVAL OF LOCATION.

GENERAL NOTES

- REMOVE EXISTING PLANTER AND PAVER WALL. SALVAGE PAVERS FOR REUSE IN NEW PAVER WALL. ROCK WITH PLAQUE SHALL BE RELOCATED.
- D5 EXISTING CONTAINER TO BE RELOCATED BY OWNER.
- DEMOLISH EXISTING CONCRETE/ASPHALT WALKWAY AND INSTALL NEW CONCRETE WALKWAY. SEE DETAIL 5/C-500.

DEMO NOTES

Q NEW LIGHT POST ON 12" SONOTUBE

□ NEW SEATING

O NEW BASKETBALL HOOP

----- NEW UNDERGROUND ELECTRIC

----x ---- NEW FENCE

----- X ----- EXISTING FENCE TO REMAIN

EXISTING CATCH BASIN

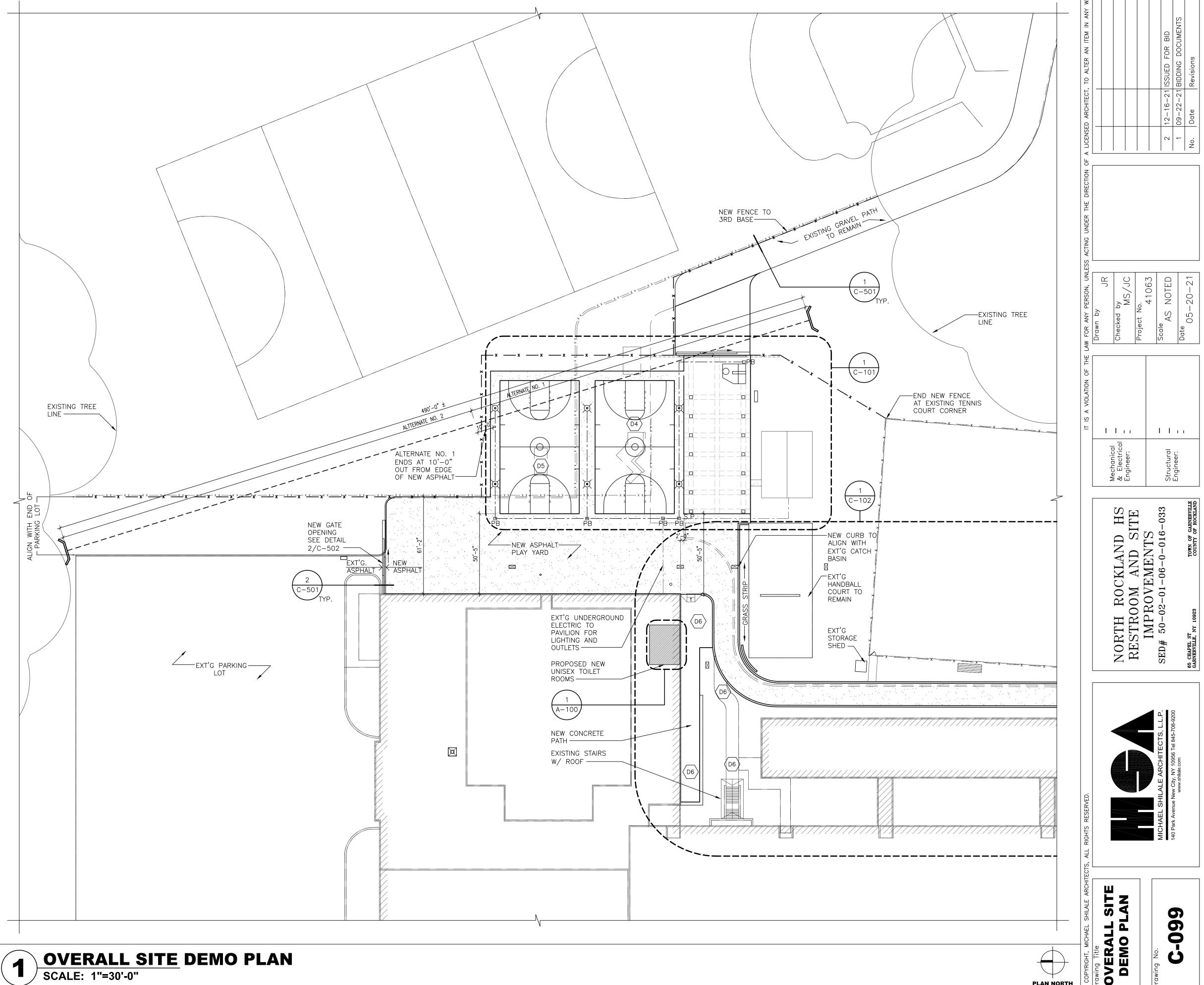
• EXISTING SHUT OFF VALVES

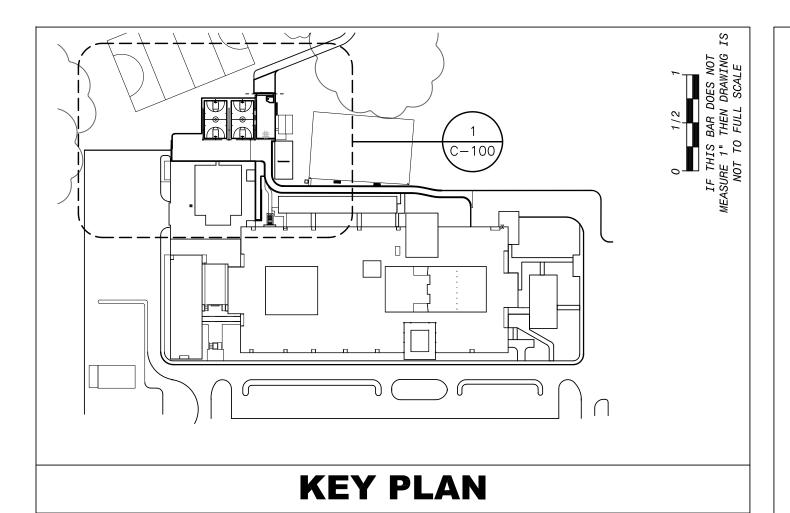
NEW ASPHALT PAVING

S.P. STARTING POINT

BURIED ELECTRICAL PULL BOX
LOCKABLE COVER FLUSH WITH GRADE TRAFFIC RATED

LEGEND





- 1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- 2. CONTRACTOR SHALL STAKE OUT LOCATION OF BASKETBALL COURTS, ATHLETIC FIELD ENTRY, AND FENCE LINE. NOTIFY ARCHITECT/OWNER PRIOR TO CONSTRUCTION FOR APPROVAL OF LOCATION.

GENERAL NOTES

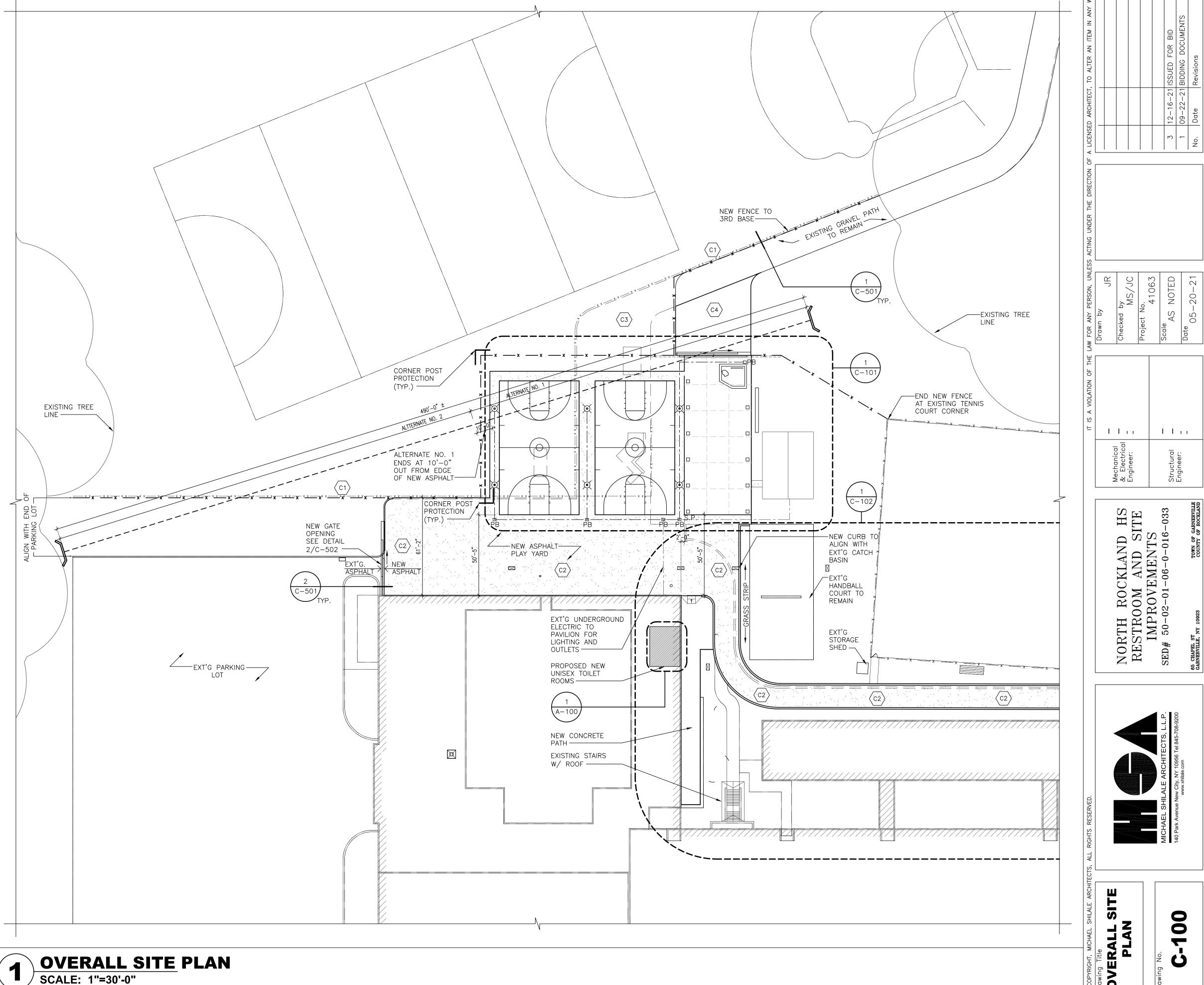
- REMOVE EXISTING CHAIN LINK FENCE INCLUDING CONCRETE BASES. INSTALL NEW CHAIN LINK FENCE.
- C2 MILL EXISTING ASPHALT 1-1/2" INSTALL NEW ASPHALT OVER EXISTING ASPHALT AREA. SEE DETAILS ON DRAWING C-500.
- EXISTING ENTRANCE TO GRAVEL PATH TO BE RELOCATED. REMOVE EXISTING GRAVEL AND ADD TOPSOIL, RAKE, HAY AND RESEED.
- C4 NEW ENTRANCE TO GRAVEL PATH. REMOVE EXISTING GRASS AND PROVIDE GRAVEL BED.
- $\stackrel{\textstyle \longleftarrow}{\text{(C20)}}$ Install stone seating along north side of concrete plaza as per alternate NO. 3.
- REMOVE EXISTING CONCRETE CURB AND INSTALL NEW CONCRETE CURB . SEE DETAIL 8/C-500.
- C22 REMOVE EXISTING PAVER WALL. EXISTING BRICKS TO BE SAVED FOR REINSTALLATION.
- CONTRACTOR SHALL SET STARTING POINT FROM DIMENSIONS FROM EXISTING BUILDING CORNER. SET STAKES FOR ALL PAVEMENT CORNERS. SCHEDULE MEETING FOR OWNER & ARCHITECT REVIEW AND APPROVAL
- WIDEN EXISTING DRIVEWAY AS NOTED ON 1/C-102. REMOVE EXISTING CURB AND ASPHALT AS REQUIRED FOR NEW CURBS AND ASPHALT. RAKE, SEED AND HAY ADJACENT GROUND.
- RELOCATE EXISTING BLEACHERS FOR CONSTRUCTION. REPLACE UPON COMPLETION OF CONSTRUCTION.
- (C32) INSTALL NEW 6" CONCRETE WALKWAY.

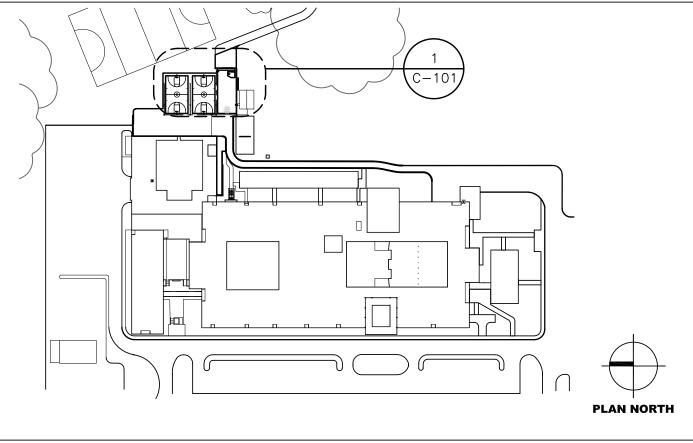
REPAIR NOTES

NEW LIGHT POST ON 12" SONOTUBE NEW SEATING SEE DETAIL 4/C-501 C.J. SPACING TYPICAL FOR EACH BAY. — - — - — NEW UNDERGROUND ELECTRIC SEE DETAIL 6/C-500 ---- NEW 12" DIA. HDPE PIPE EXISTING FENCE TO REMAIN NEW CATCH BASIN EXISTING CATCH BASIN EXISTING SHUT OFF VALVES NEW ASPHALT PAVING STARTING POINT S.P. BURIED ELECTRICAL PULL BOX LOCKABLE COVER FLUSH WITH GRADE TRAFFIC RATED EXISTING TOPOGRAPHY ELEVATION

LEGEND

NEW TOPOGRAPHY ELEVATION



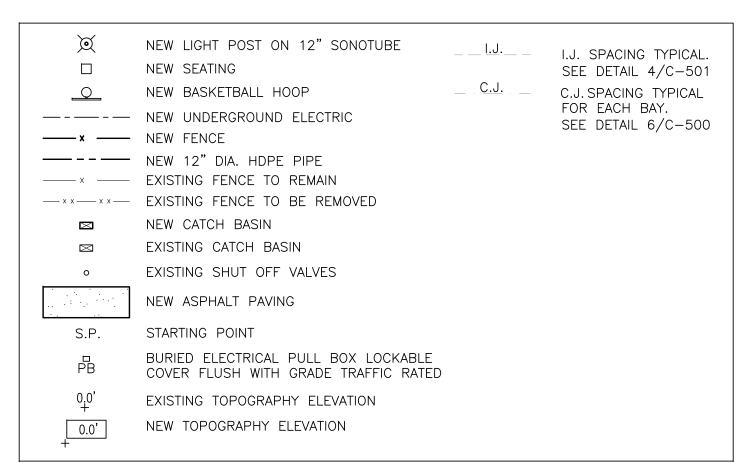


KEY PLAN

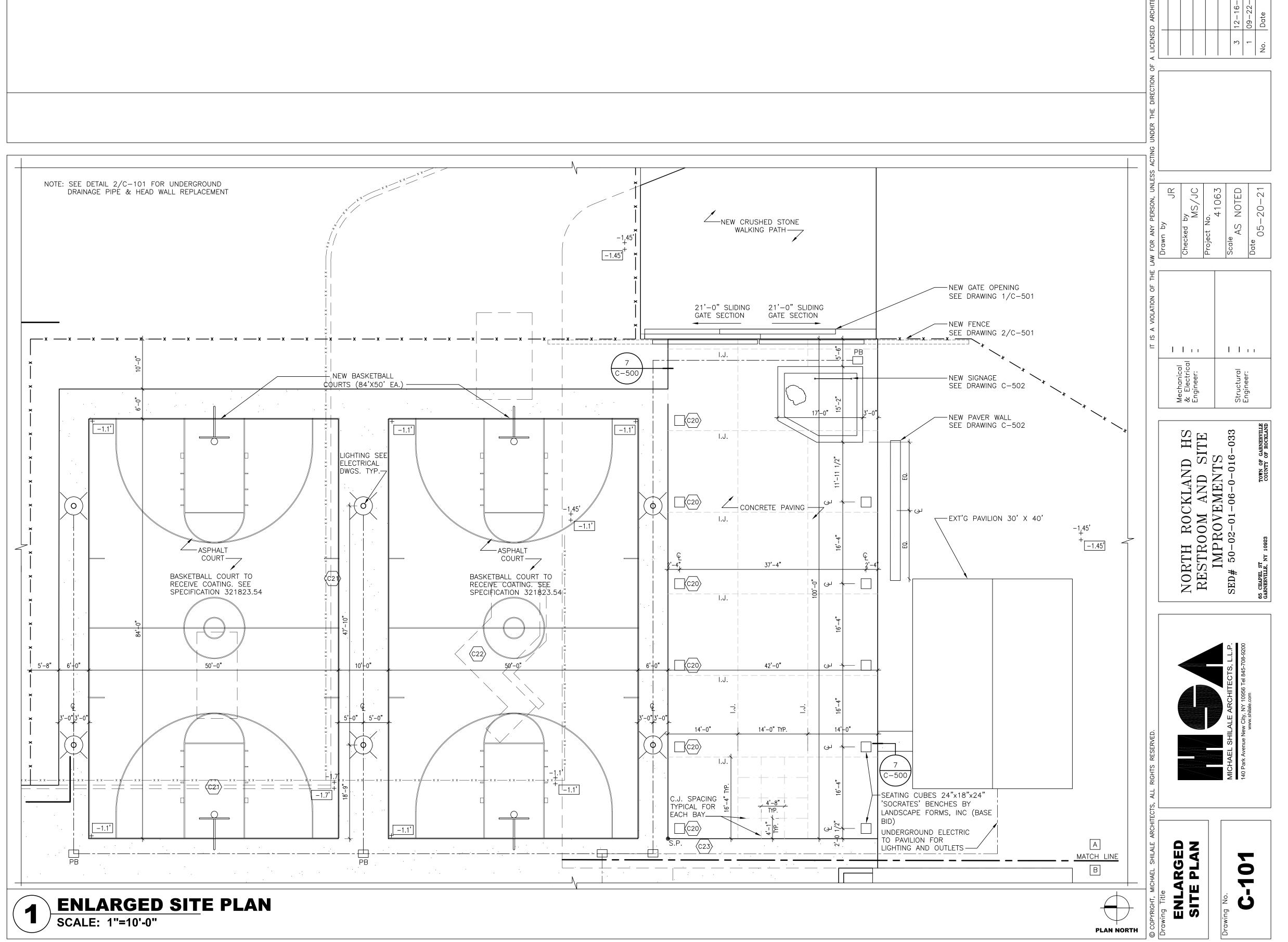
GENERAL NOTES

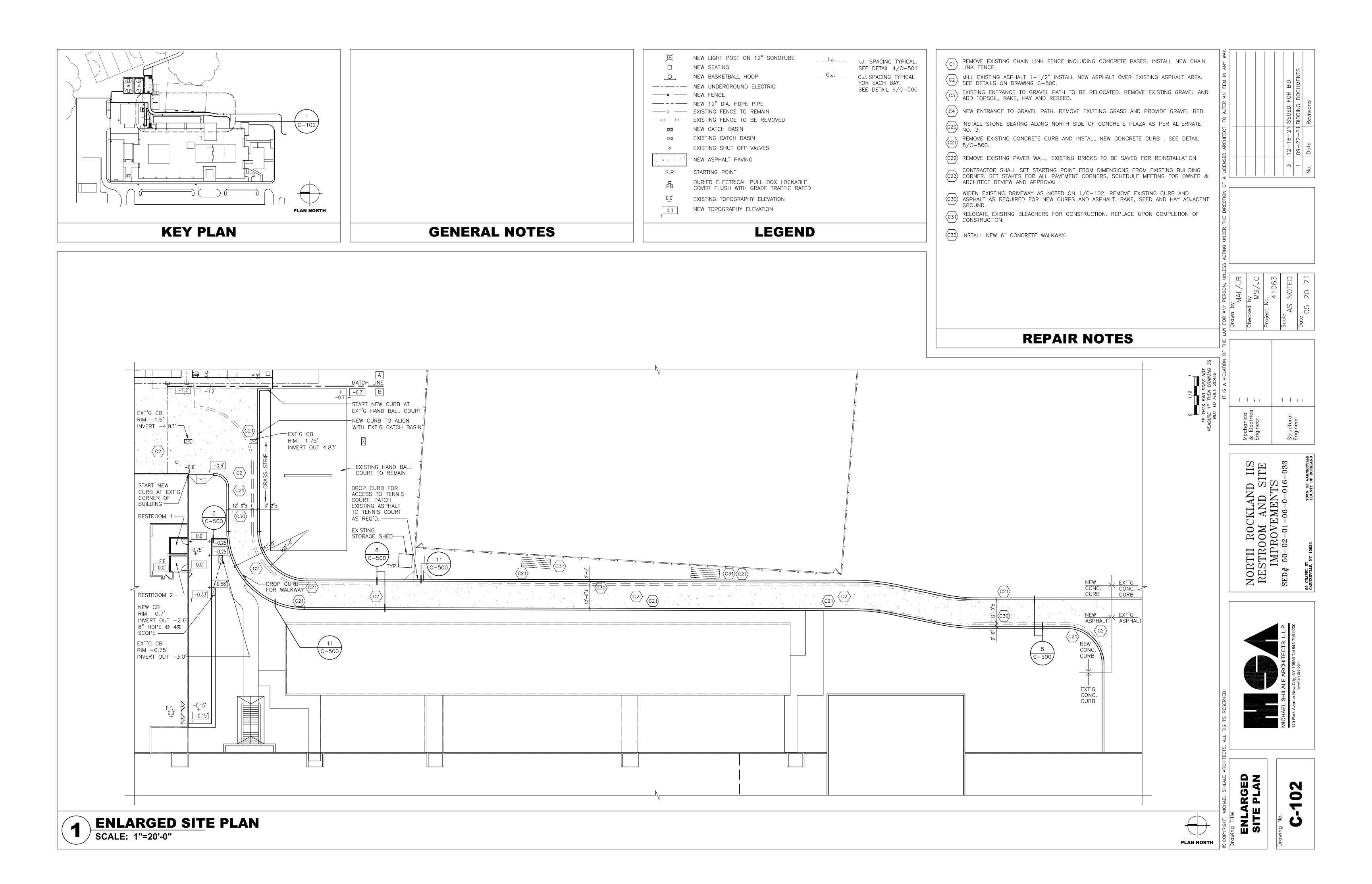
- REMOVE EXISTING CHAIN LINK FENCE INCLUDING CONCRETE BASES. INSTALL NEW CHAIN LINK FENCE.
- EXISTING ENTRANCE TO GRAVEL PATH TO BE RELOCATED. REMOVE EXISTING GRAVEL AND ADD TOPSOIL, RAKE, HAY AND RESEED.
- (C4) NEW ENTRANCE TO GRAVEL PATH. REMOVE EXISTING GRASS AND PROVIDE GRAVEL BED.
- $\stackrel{\textstyle \longleftarrow}{\text{(C20)}}$ Install stone seating along north side of concrete plaza as per alternate No. 3.
- REMOVE EXISTING CONCRETE CURB AND INSTALL NEW CONCRETE CURB . SEE DETAIL 8/C-500.
- (C22) REMOVE EXISTING PAVER WALL. EXISTING BRICKS TO BE SAVED FOR REINSTALLATION.
- CONTRACTOR SHALL SET STARTING POINT FROM DIMENSIONS FROM EXISTING BUILDING CORNER. SET STAKES FOR ALL PAVEMENT CORNERS. SCHEDULE MEETING FOR OWNER & ARCHITECT REVIEW AND APPROVAL
- WIDEN EXISTING DRIVEWAY AS NOTED ON 1/C-102. REMOVE EXISTING CURB AND ASPHALT AS REQUIRED FOR NEW CURBS AND ASPHALT. RAKE, SEED AND HAY ADJACENT GROUND.
- RELOCATE EXISTING BLEACHERS FOR CONSTRUCTION. REPLACE UPON COMPLETION OF CONSTRUCTION.
- (C32) INSTALL NEW 6" CONCRETE WALKWAY.

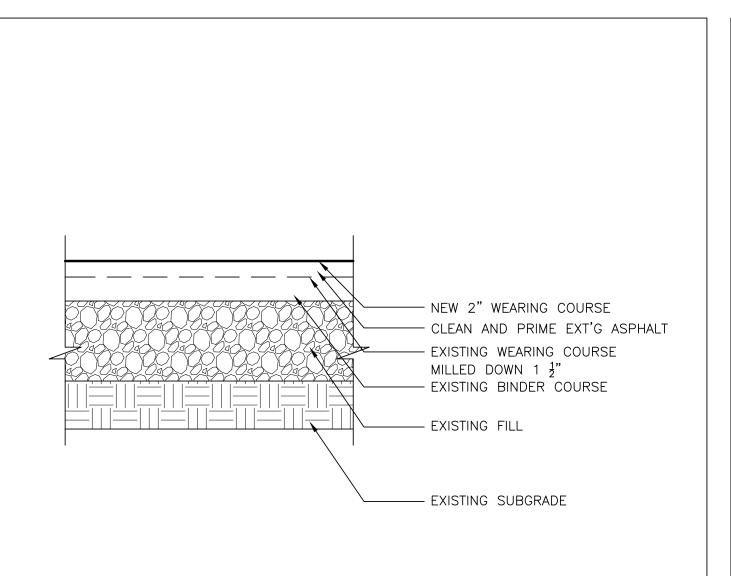
REPAIR NOTES



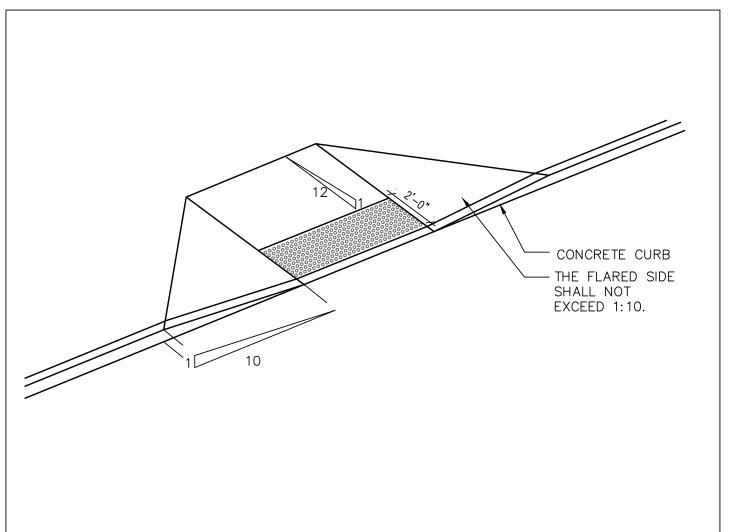




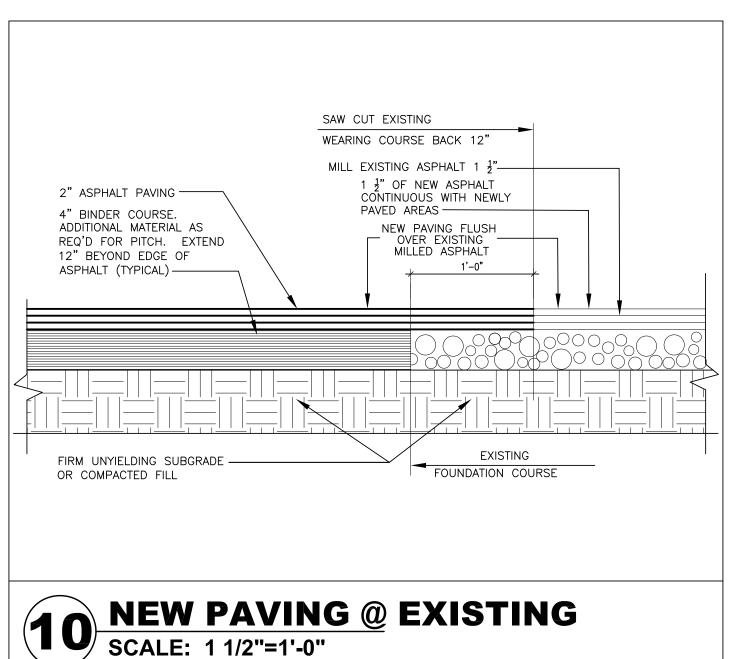


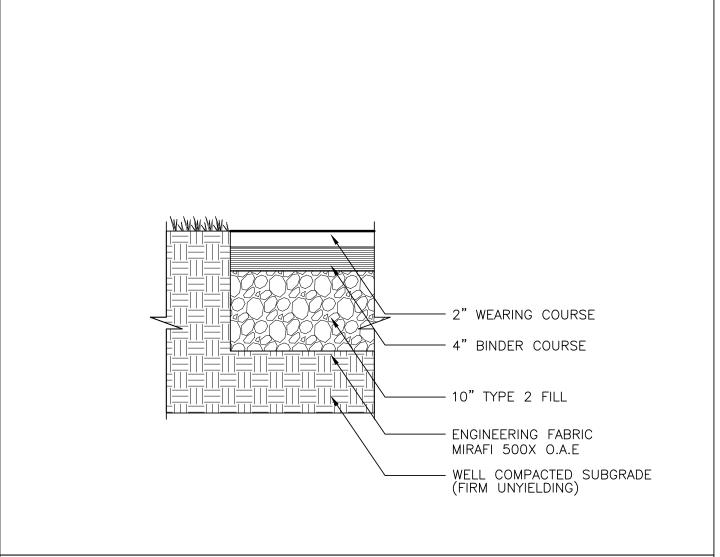


ASPHALT TOPPING ON EXT'G ASPHALT SCALE: 1"=1'-0" ASPHALT

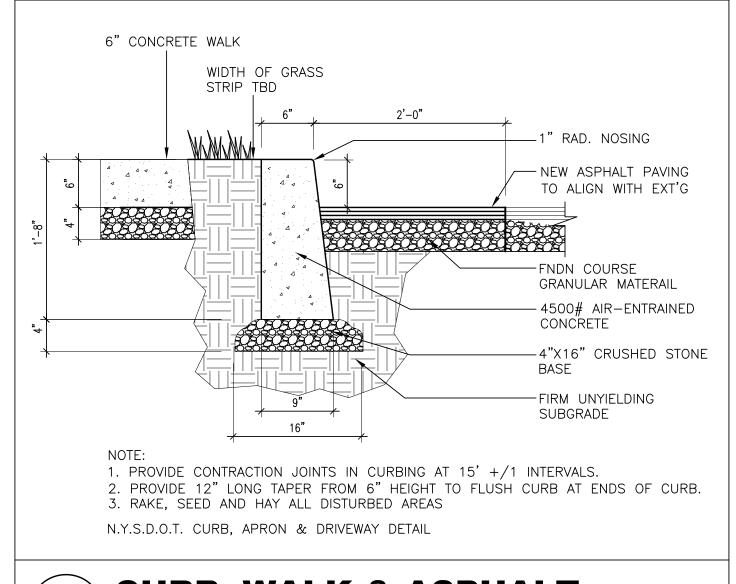


11 CURB RAMP DETAIL
SCALE: 1/4"=1'-0"

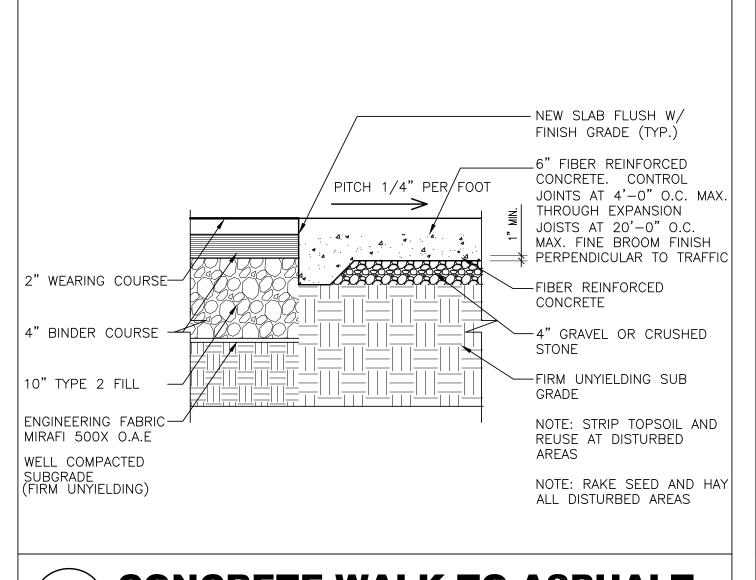




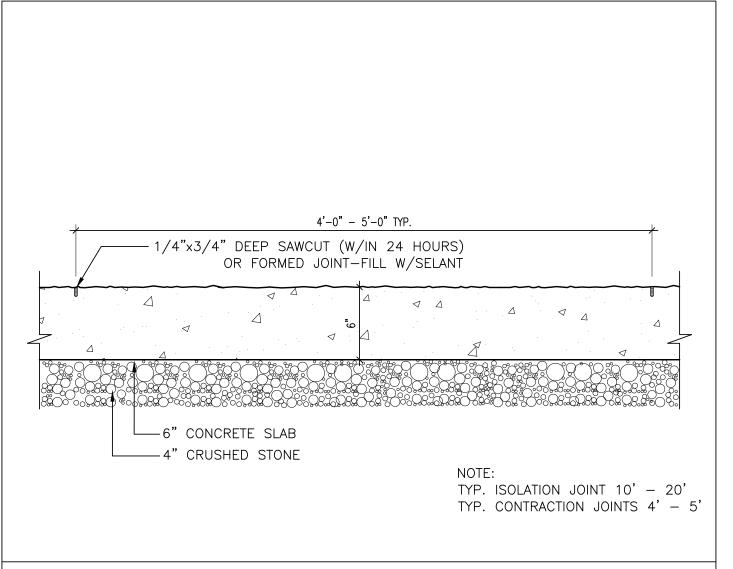
9 NEW ASPHALT AREAS SCALE: 1"=1'-0"



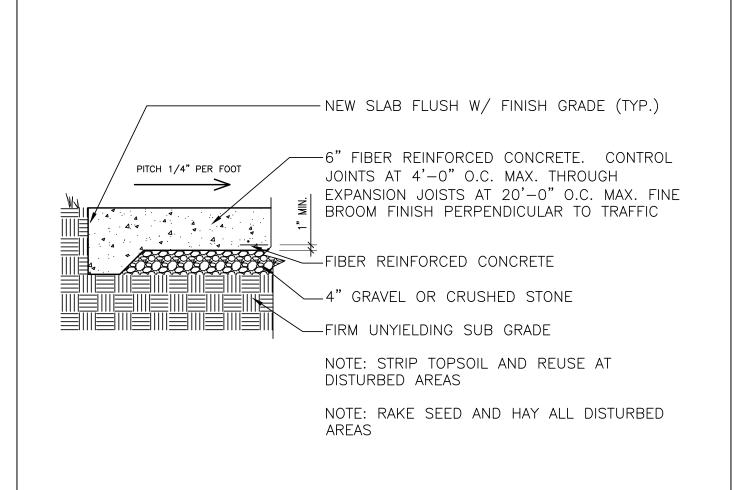




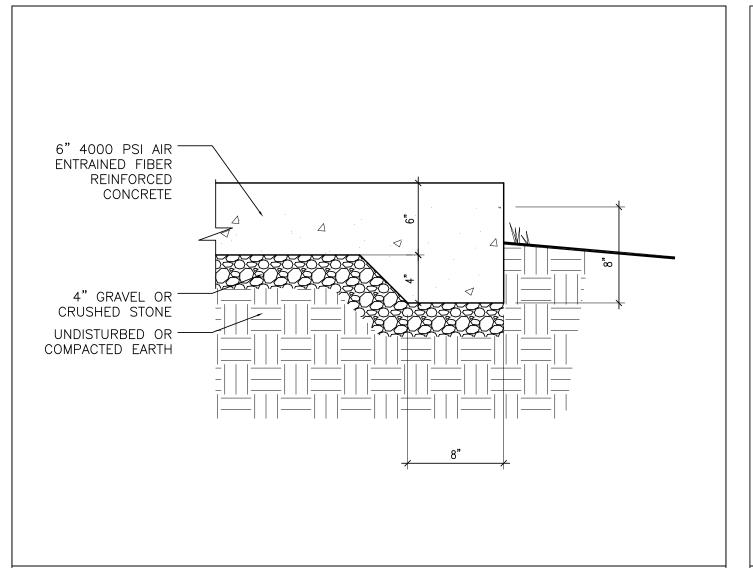




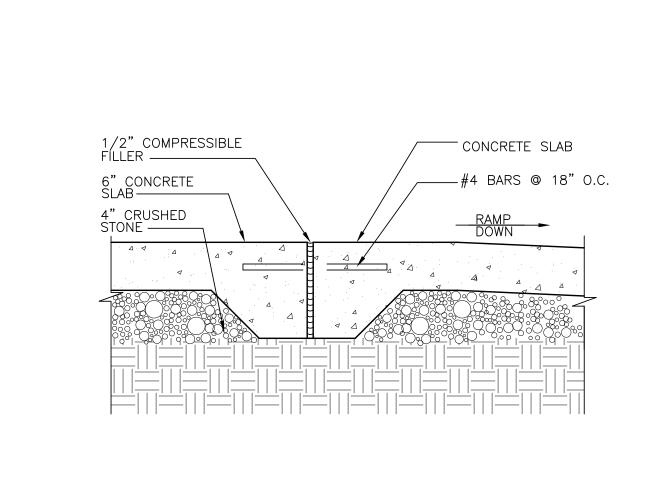
6 CONTRACTION JOINT SCALE: 1-1/2"=1"-0"



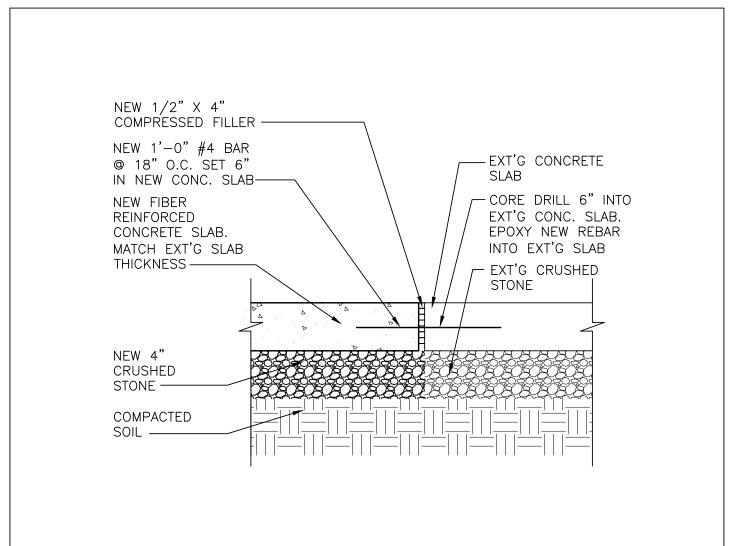




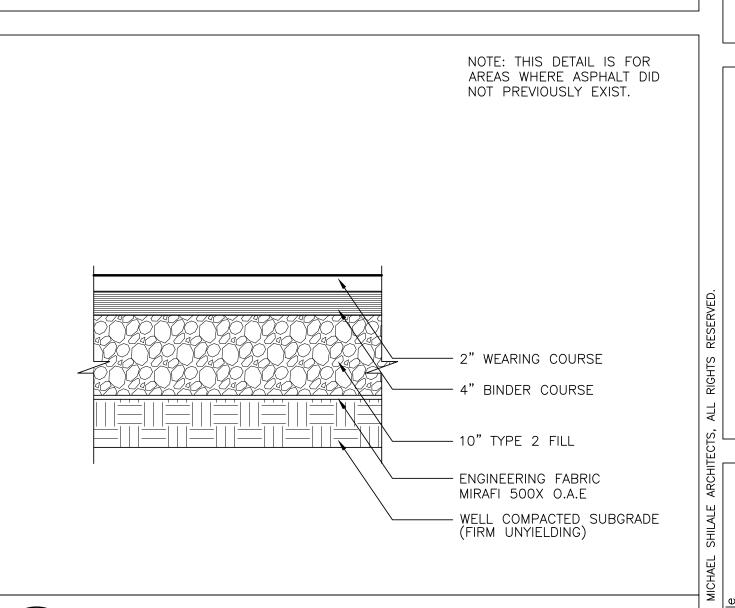




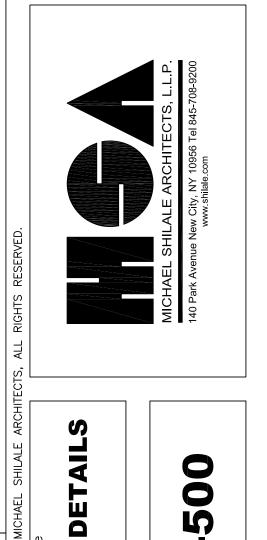












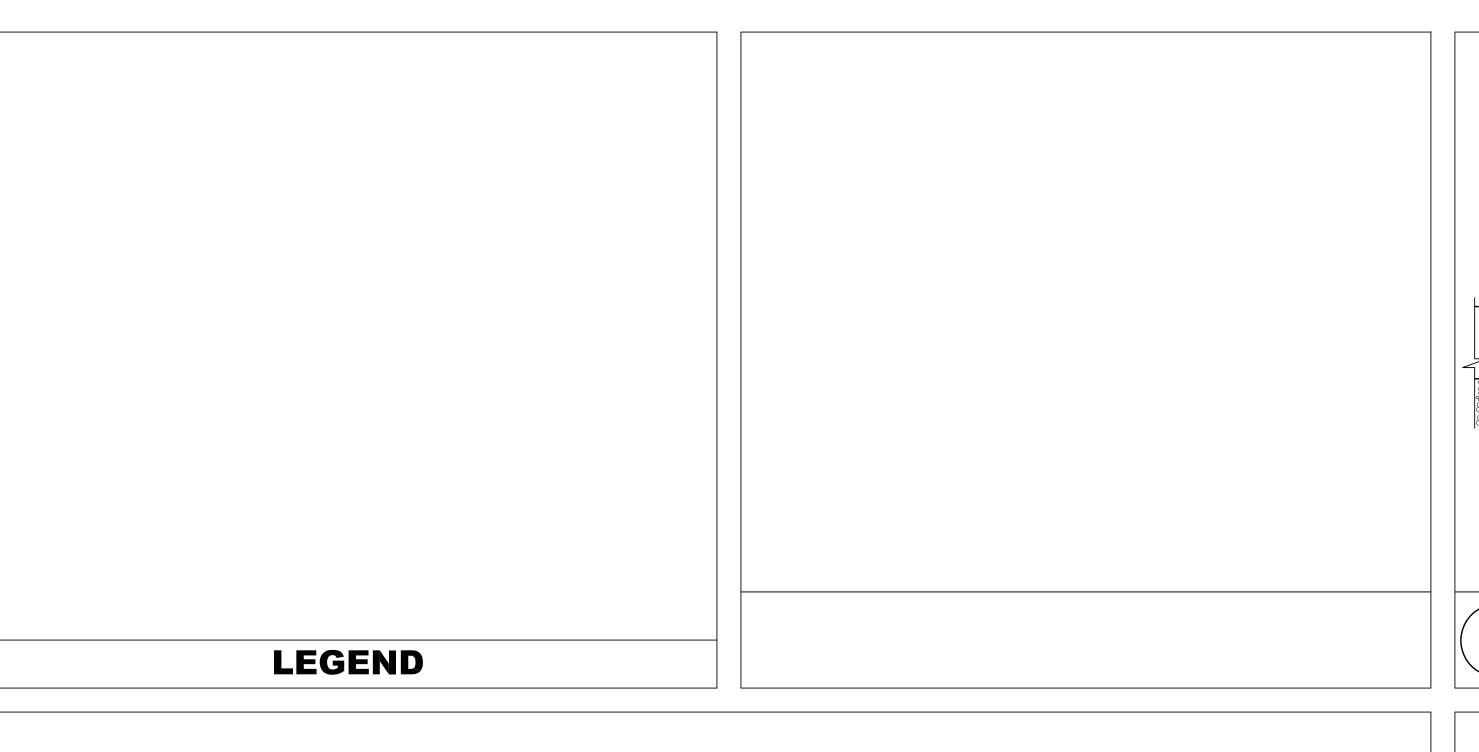
SITE

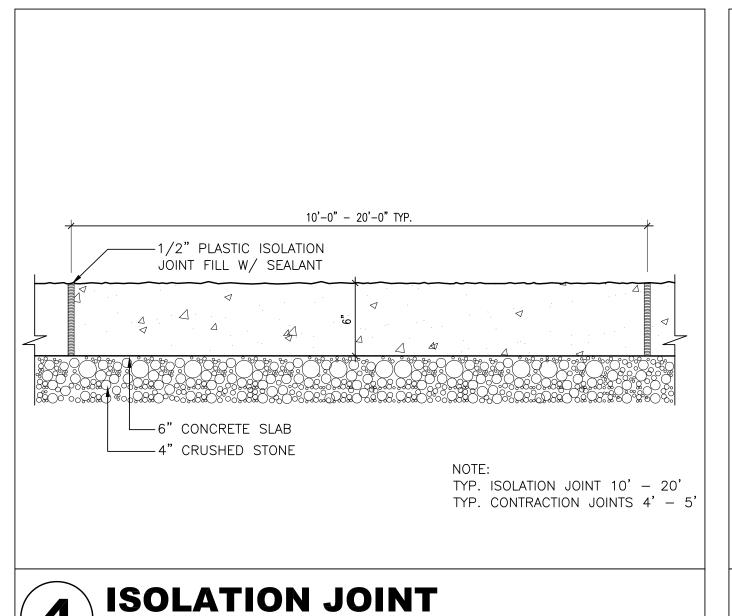
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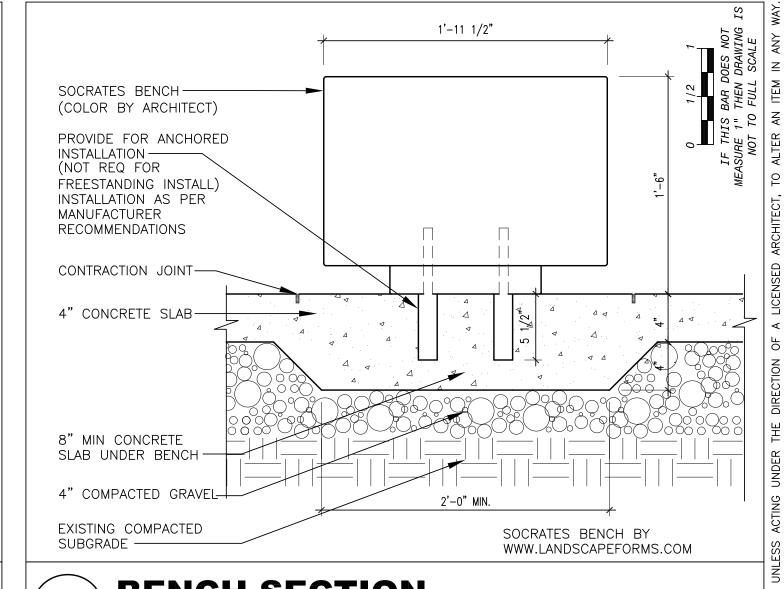
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NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS SED# 50-02-01-06-0-016-033





SCALE: 1-1/2"=1'-0"



BENCH SECTION SCALE: 1-1/2"=1'-0"

-(2) SILIDING GATE SECTIONS EACH SECTION 21'-0" SUBMIT SHOP DRAWINGS FOR FENCE AND GATE SIGNED BY BYS PE 1-5/8" TOP RAIL -11 GA 2" CHAIN LINK FENCE — 2-1/2" INTERMEDIATE SIGNAGE ON FÊNCE BY OTHÊRS GALV. TIE WIRES @ 12" O.C. TYP. — 1-5/8" BOTTOM RAIL— 10" CONCRETE SONOTUBE 3'-6" MIN. BELOW GRADE — NOTES:

1. ALL WORK SHALL CONFORM TO ASTM F-1553 AND THE CHAIN LINK FENCE MANUFACTURERS INSTITUTE. 2. ALL POSTS AND RAILS SHALL BE GALVANIZED, HIGH STRENGTH STEEL (83000 PSI YIELD STRENGTH). ALL OTHER COMPONENETS AND HARDWARE SHALL BE GALVANIZED UNLESS OTHERWISE NOTED. 3. ALL MESH SHALL RECIEVE A CLASS 2a EXTRUDED BLACK POLYMER COATING WITH ASTM F-668. 4. REFER TO PLANS FOR THE SIZE AND LOCATION OF THE PEDESTRIAN SWING GATE. THE SPECIFIED WIDTH SHALL BE THE CLEAR WIDTH IN THE OPEN POSITION. GATE SHALL INCLUDE A LOCK (WHICH SHALL BE INTEGRATED INTO THE BUILDING'S MASTER KEYING SYSTEM). GATE SHALL ALSO INCLUDE OTHER WEATHER-RATED HARDWARE (INCLUDING AN AUTOMATIC CLOSER, HINGES, LATCHING, WALL STOP, AND OTHER HARDWARE AS REQUIRED FOR PROPER OPERATION OF GATE) 5. INCLUDE CUSTOM PROVISIONS FOR HARDWARE MOUNTING AND LATCHING. 6. INCLUDE CUSTOM PROVISIONS TO PREVENT VANDALS FROM ENTERING FROM THE EXTERIOR SIDE. 7. CONTRACTOR TO REPAIR/PATCH ANY EXISTING CONCRETE/ASPHAULT DAMAGED DURING EXCAVATION OF PIERS/SONOTUBES.

3. ALL MESH SHALL RECIEVE A CLASS 2a EXTRUDED BLACK POLYMER COATING WITH ASTM F-668. 4. REFER TO PLANS FOR THE SIZE AND LOCATION OF THE PEDESTRIAN SWING GATE. THE SPECIFIED WIDTH SHALL BE THE CLEAR WIDTH IN THE OPEN POSITION. GATE SHALL INCLUDE A LOCK (WHICH SHALL BE INTEGRATED INTO THE BUILDING'S MASTER KEYING SYSTEM). GATE SHALL ALSO INCLUDE OTHER WEATHER-RATED HARDWARE (INCLUDING AN AUTOMATIC CLOSER, HINGES, LATCHING, WALL STOP, AND OTHER HARDWARE AS REQUIRED FOR PROPER OPERATION OF GATE)

5. INCLUDE CUSTOM PROVISIONS FOR HARDWARE MOUNTING AND LATCHING. 6. INCLUDE CUSTOM PROVISIONS TO PREVENT VANDALS FROM ENTERING FROM THE EXTERIOR SIDE.

7. CONTRACTOR TO REPAIR/PATCH ANY EXISTING CONCRETE/ASPHAULT DAMAGED DURING EXCAVATION OF PIERS/SONOTUBES. 8. PROVIDE EXTERIOR CORNER FENCE POST PROTECTION 36"X36"X6'-0" BY RESILITE MAT COMPANY (800-843-6287), PROVIDE AT 2

LOCATIONS DESIGNATED BY ARCHITECT.

CHAIN LINK FENCE DETAIL SCALE: 3/4" = 1'-0"

3" DIA CORNER/END POST AND CAP' -NOT TO EXCEED 10'-0" 6'-0" MAX - MITERED WELD CORNERS 1-5/8" TOP RAIL ----3/8" DIA. TRUSS ROD. TYP @ GATE POSTS AND CORNER POSTS -11 GA 2" CHAIN STRETCHER BAR LINK FENCE — 2" INTERMEDIATE PIPE 2-1/2" INTERMEDIATE POST — HORIZONTAL BRACE HEAVY DUTY GATE LATCH 1-5/8"---HARDWARE GALV. TIE WIRES @ ├ 11 GA. 2" CHAIN LINK 12" O.C. TYP. — 1-5/8" BOTTOM RAIL-- EXISTING GRADE 10" CONCRETE SONOTUBE 3'-6" MIN. BELOW GRADE -- HEAVY DUTY GATE HINGE HARDWARE - 12" CONCRETE SONOTUBE AT ALL GATE HINGES 3'-6" MIN BELOW GRADE NOTES:

1. ALL WORK SHALL CONFORM TO ASTM F-1553 AND THE CHAIN LINK FENCE MANUFACTURERS INSTITUTE. 2. ALL POSTS AND RAILS SHALL BE GALVANIZED, HIGH STRENGTH STEEL (83000 PSI YIELD STRENGTH). ALL OTHER COMPONENETS AND HARDWARE SHALL BE GALVANIZED UNLESS OTHERWISE NOTED.

SIT

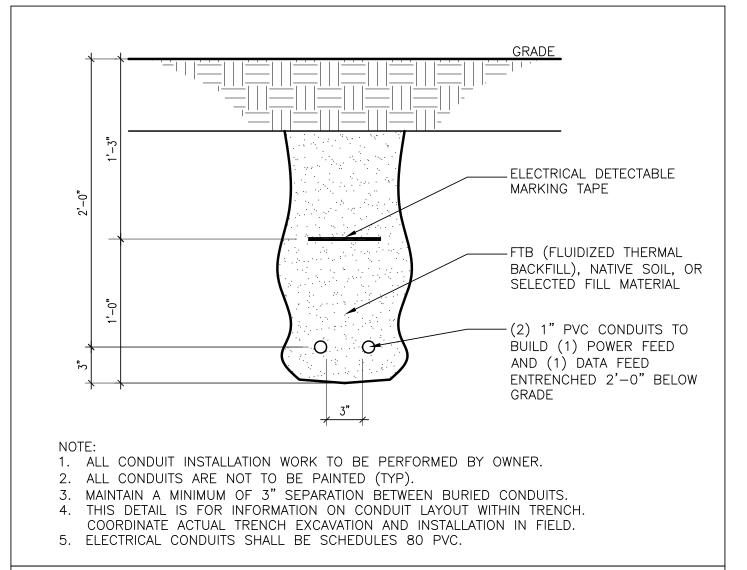
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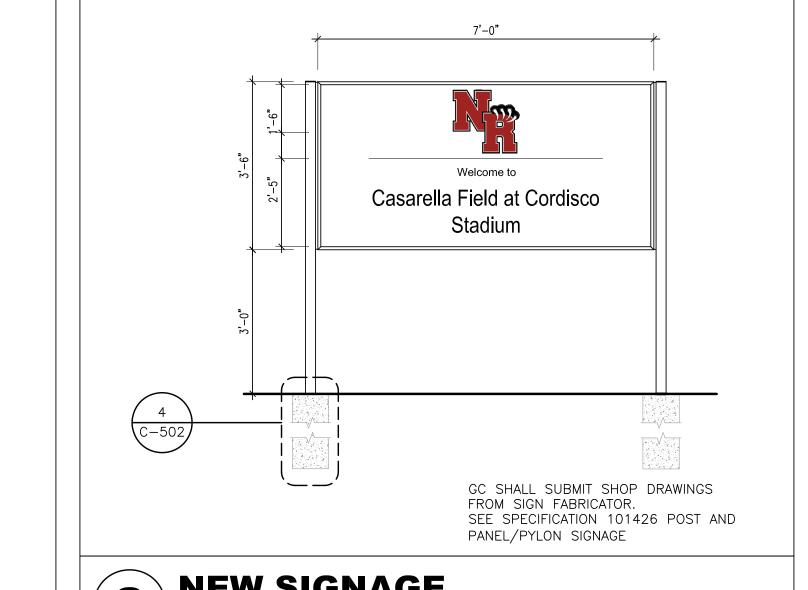
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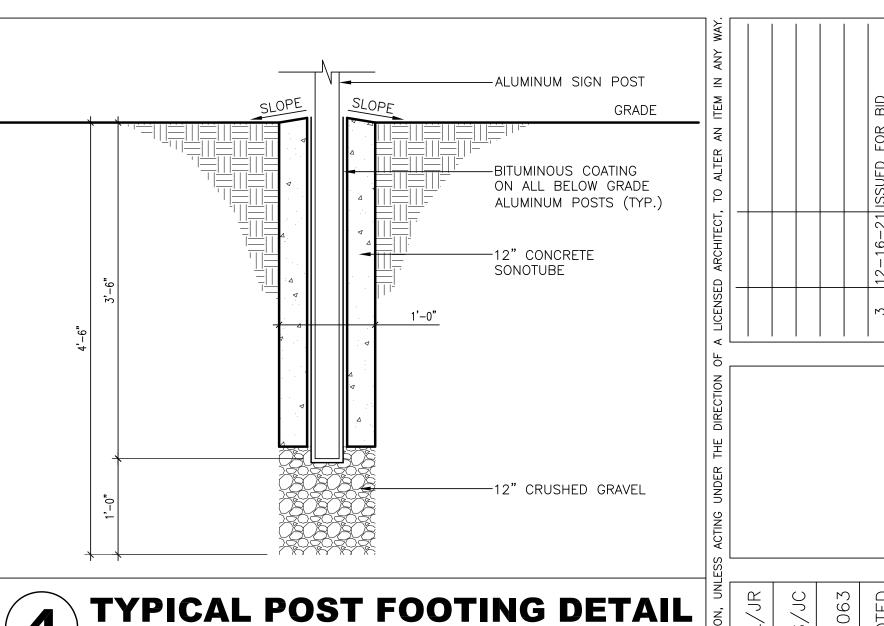
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NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS SED# 50-02-01-06-0-016-033

NEW GATEWAY DETAIL 2) NEW GAIES SCALE: 3/4"=1'-0"







TYPICAL POST FOOTING DETAIL SCALE: 1" =1'-0"

UNDERGROUND CONDUIT DETAIL SCALE: 1-1/2" =1'-0"

- PRECAST COPING STONE

- 7 OZ. COPPER FABRIC

— ELDORADO CULTURED STONE BLUFFSTONE. COLOR BY ARCHITECT.

COLOR BY ARCHITECT

— CONCRETE FOOOTING. 3'-0" BELOW GRADE

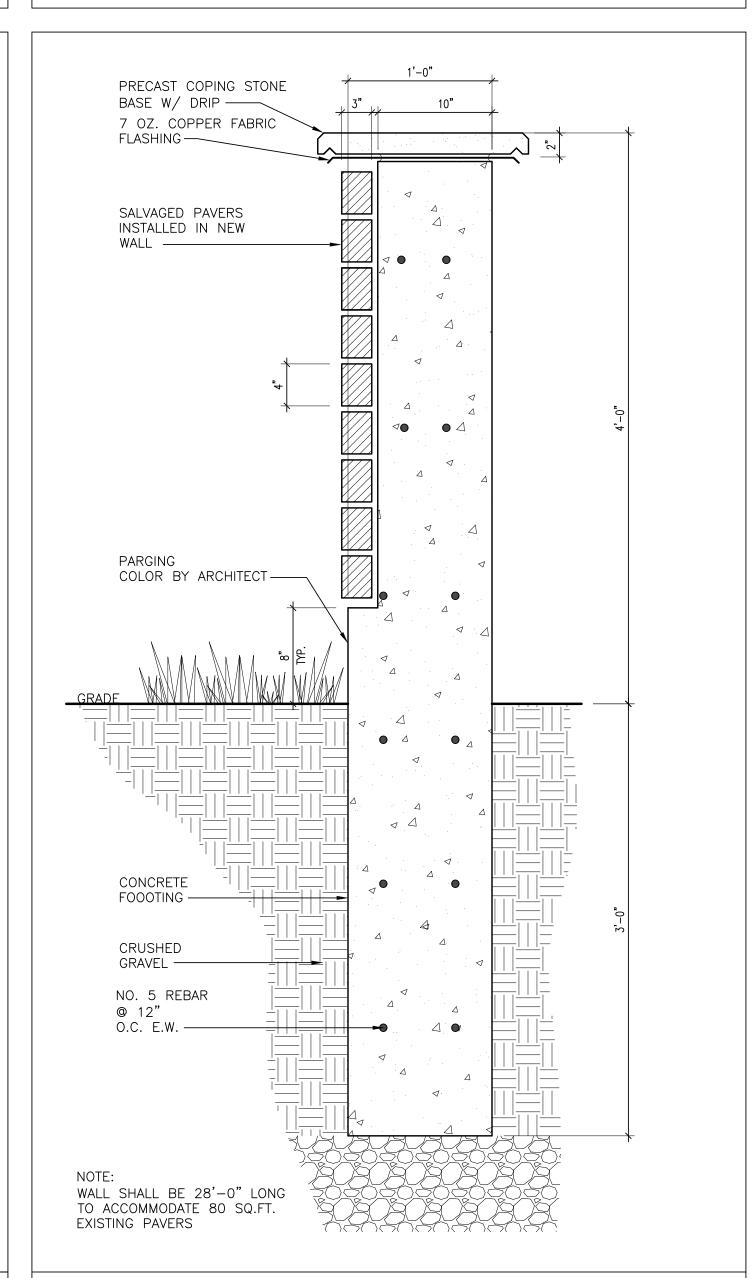
-NO. 5 REBAR @ 12"

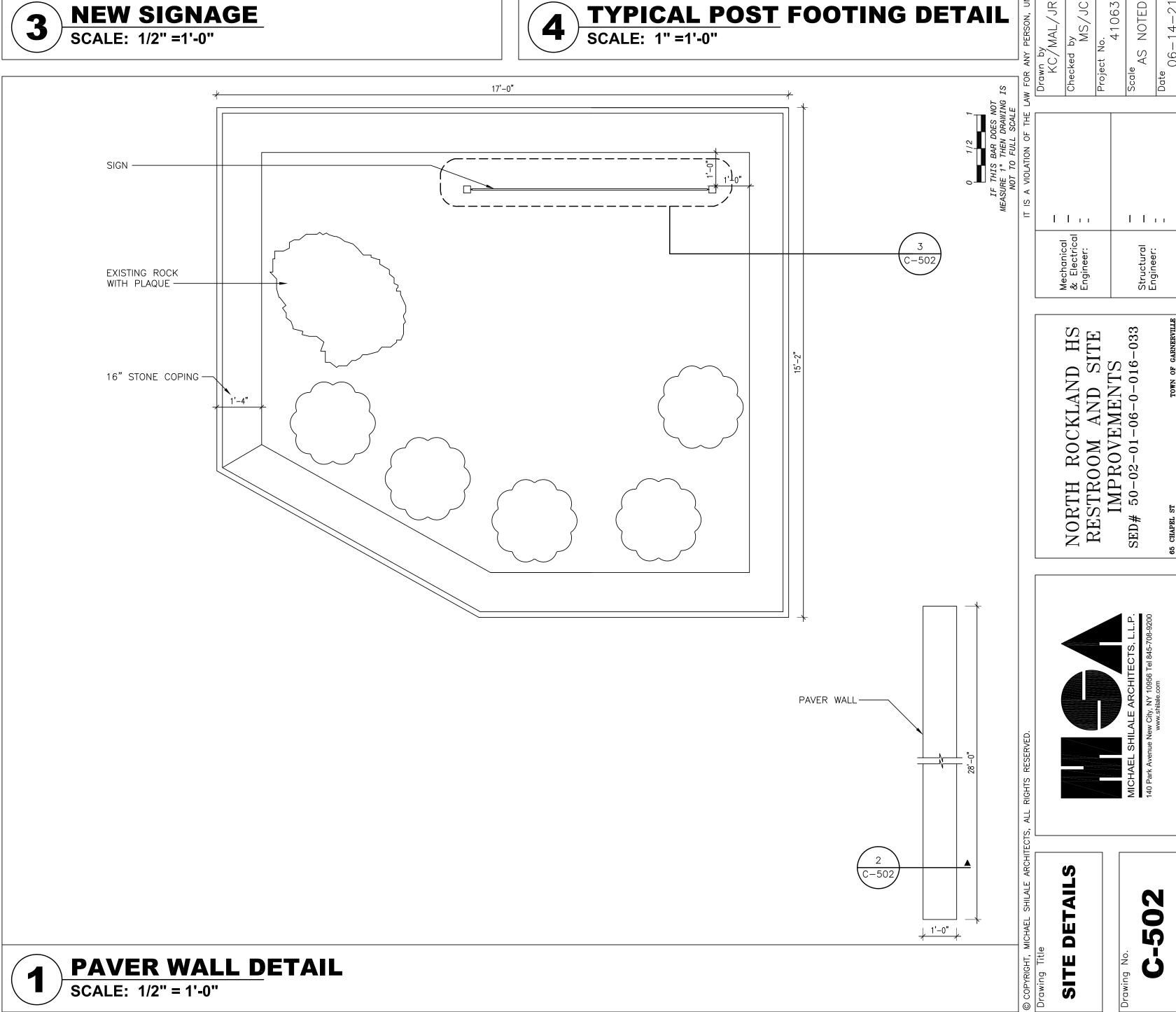
— CRUSHED GRAVEL

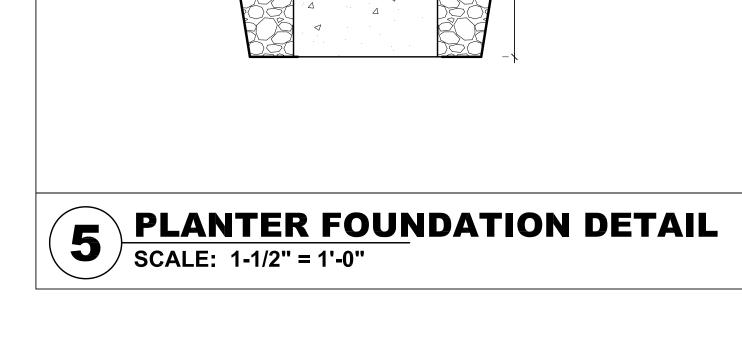
GRADE

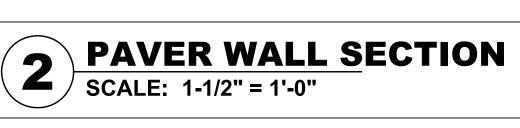
BASE W/ DRIP

– PARGING

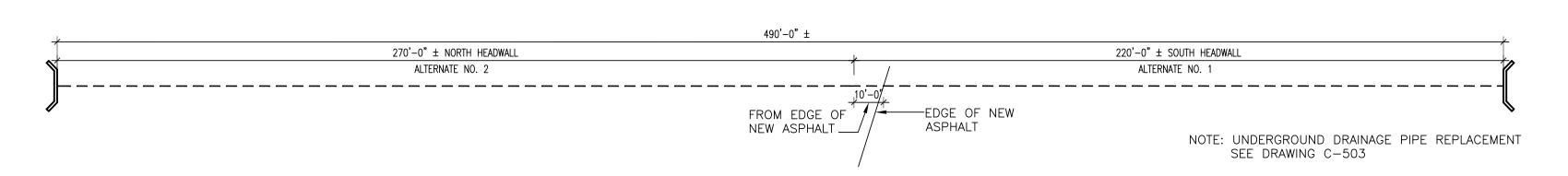






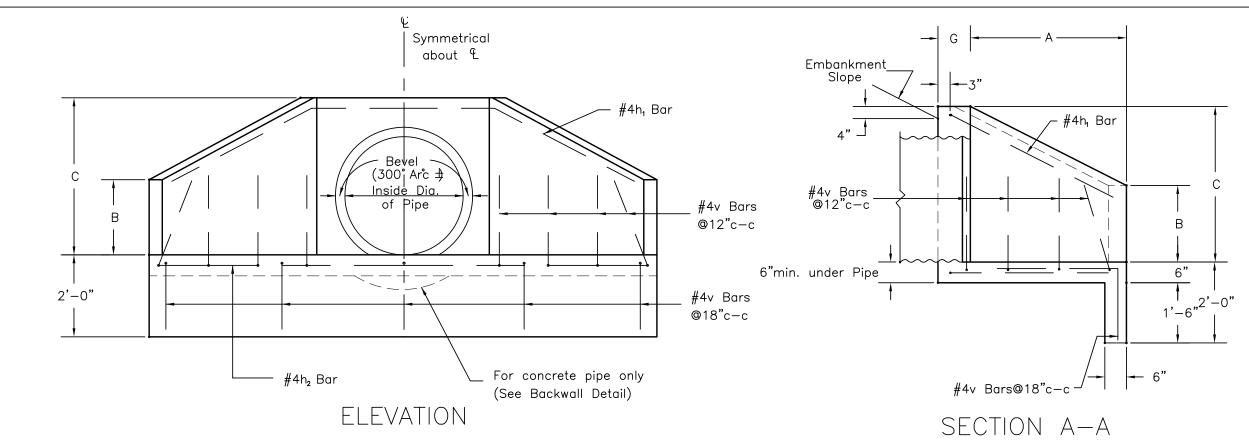


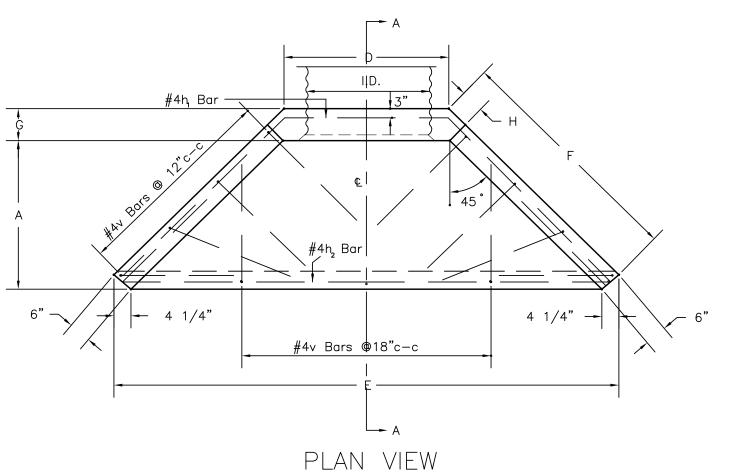
- 1. ALL DIMENSIONS ARE MEASURED TO THE ROUGH UNLESS OTHERWISE NOTED. ELEVATIONS AND DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS IN THE FIELD PRIOR TO THE USE OF SUCH INFORMATION IN CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. NOTIFY THE ARCHITECT IN WRITING IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES.
- 2. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ARCHITECT AT THE EXPENSE OF THE CONTRACTOR.
- 3. THE SITE SHALL BE KEPT CLEAN AT ALL TIMES. UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND PROPERLY DISPOSED OF AND SHALL BE LEFT CLEAN TO THE ARCHITECT'S SATISFACTION.
- 4. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND COMPLY WITH ANY AND ALL PERMITS ASSOCIATED WITH THIS WORK. THE CONTRACTOR SHALL COOPERATE AND ASSIST THE ARCHITECT AND AUTHORIZING AGENCIES IN PERFORMING INSPECTIONS AS REQUIRED.
- 5. WORK SHALL BE COORDINATED WITH WEATHER CONDITIONS AND PROJECTIONS TO PROTECT COMPLETED AND EXISTING, EXPOSED WORK.
- 6. NOTIFY ALL APPROPRIATE UTILITIES AND SCHEDULE A PRE-WORK MARK-OUT. WORK CANNOT COMMENCE ON THE PROJECT UNTIL THE SAID "MARK-OUTS" ARE ON THE GROUND AND HAVE BEEN APPROVED AS BEING ON THE ENTIRE SITE, BY THE VILLAGE SUPERINTENDENT OF PUBLIC WORKS.
- 7. SCHEDULE A PRE-CONSTRUCTION MEETING 48 HOURS PRIOR TO CONSTRUCTION START WITH THE VILLAGE ENGINEER AND VILLAGE SUPERINTENDENT OF PUBLIC WORKS ON SITE PRIOR TO THE COMMENCEMENT OF THE PROJECT.
- 8. THE EXISTING PIPES AND HEADWALL (WHERE DESIGNATED) ARE TO BE CAREFULLY REMOVED FROM THE GROUND TO PROTECT THE INTEGRITY OF THE REMAINING SITE. THE ABANDONED PIPE MATERIAL IS TO BE REMOVED AND DISCARDED IN ACCORDANCE WITH THE STANDARDS PROMULGATED BY THE NYSDEC AND THE RC HEALTH DEPARTMENT.
- 9. THE NEW 36" DIAMETER HDPE PIPE ARE TO BE INSTALLED IN THE SAME LOCATIONS AND THE SAME ELEVATIONS AS THE EXISTING PIPE AND CONNECTED TO THE EXISTING BASINS. ALL INVERT ELEVATIONS SHALL MATCH EXISTING U.O.N. THE JOINT AT THE BASINS ARE TO BE MORTARED CLOSED. THE COST OF EXCAVATION, REMOVAL AND DISPOSAL OF THE PIPE, SUPPLY OF THE NECESSARY STONE, MATERIAL, LABOR, ETC., SHALL BE INCLUDED IN THE UNIT PRICE OF THE NEW PIPE INSTALLED.
- 10. THE CONTRACTOR MUST INSTALL THE NEW PIPE IN A 4" THICK BED OF CLEAN ¾" STONE AND SUPPLY SIMILAR ¾" STONE HALFWAY UP THE SIDE OF THE PIPE (APPROX. 8") FOR THE WIDTH OF THE TRENCH. THIS WILL PROVIDE CONTINUOUS LATERAL SUPPORT TO THE INSTALLED PIPE.
- 11. THE REMAINING EXCAVATION SHALL BE FILLED WITH SUITABLE EXCAVATED MATERIAL, (FREE OF COMPRESSIBLE MATERIAL AND ROCKS LARGER THAN 6") TO WITHIN 6" OF THE EXISTING FINISHED SURFACE. THIS 6" SPACE IS TO BE FILLED WITH NYSDEC DENSE BINDER ASPHALTIC CONCRETE PAVING, LEVEL WITH THE EXISTING ROADWAY AND SHAPED TO DRAIN. THE COST OF THE PIPE, STONE AND ASPHALTIC CONCRETE SHALL BE INCLUDED IN THE PER FOOT PRICE FOR THE PIPE.
- 12. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE SOIL EROSION CONTROL, PER NYSDEC GUIDANCE, AND PROTECTION OF THE ADJACENT PROPERTY FROM SOIL/ EARTH RUNOFF, WEATHER OR VANDALISM DURING THIS PERIOD OF CONSTRUCTION. NO TRENCH CAN BE OPEN OVERNIGHT. SUITABLE STEEL PLATES OR TEMPORARY TRENCH CLOSING WITH STONE IS PERMITTED. ALL OPEN TRENCHING MADE EACH DAY IS TO BE PATCH PAVED AT THE END OF THE WORKDAY, TO THE MAXIMUM EXTENT POSSIBLE. IF ANY TRENCH IS NOT PAVED, THE EXCAVATION SHALL BE MADE LEVEL TO THE ROAD ELEVATION WITH A MINIMUM 6" LAYER OF NYSDOT ITEM 4 STONE. PEDESTRIAN ACCESS TO EACH HOUSE MUST BE MAINTAINED DURING THE DAY ALWAYS AND VEHICULAR ACCESS TO THE INDIVIDUAL DRIVEWAYS IN THE FVENINGS.
- 13. BROOM SWEEP THE ROAD AND ALL DISTURBED AREAS OF ALL DEBRIS AND EXCESS MATERIAL EACH NIGHT. REPLANT AND RESEED ALL DISTURBED GRASS AREAS TO THE SIMILAR CONDITION THAT EXISTS PRIOR TO CONSTRUCTION AND SHAPE THE AREA TO DRAIN FREELY TOWARDS THE CATCH BASINS. ANY DAMAGE TO THE SURFACE OF THE ROADS OR DRIVEWAYS MUST BE REPAIRED OR REPLACED TO THE EXISTING CONDITIONS, AS DETERMINED AND APPROVED BY THE VILLAGE SUPERINTENDENT OF PUBLIC WORKS.
- 14. THE CONTRACTOR IS TO PROVIDE ON-SITE "PORTABLE JOHNS" FOR HIS EMPLOYEES, WITHIN WALKING DISTANCE OF THE CONSTRUCTION SITE. THESE DEVICES ARE TO BE REGULARLY SERVICED AND POSITIONED IN SUCH A LOCATION AS TO NOT BE AN ATTRACTIVE NUISANCE TO THE HOMEOWNERS IN THE AREA. APPROVAL OF THE LOCATION OF THESE FACILITIES IS REQUIRED AND WILL BE GIVEN BY THE VILLAGE SUPERINTENDENT OF PUBLIC WORKS. ALTERNATES TO THE PORTABLE JOHNS MAY BE APPROVED BY THE SAID SUPERINTENDENT.
- 15. CRACK-SEAL THE JOINTS, WITH HOT AC-20 ASPHALTIC TAR, BETWEEN THE EXISTING PAVEMENT AND NEW PAVEMENT SECTION.



ALTERNATE NO. 1 & ALTERNATE NO. 2







NOTES

1. All concrete shall be Class B Concrete.

2. Reinforcing steel shall be new billet steel and shall conform to the requirements of 709.1 of the Specifications.

3. The covering for Reinforcing Steel shall be 2" measured from the surface of the concrete to the face of the bar, unless otherwise noted

surface of the concrete to the face of the bar, unless otherwise noted on the Plans. Reinforcement in members where concrete is deposited on the ground shall have 3" of concrete from the face of the bar to the ground contact surface.

4. Concrete is deposited on the ground shall have 3" of concrete from

the face of the bar to the ground contact surface.

5. All exposed edges shall have a 3/4" x 45 chamfer. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground line.

6. When wingwalls are placed on the inlet end of corrugated metal or

structural plate pipe, a bevel shall be used at the inlet opening. The end of the pipe shall be set in from the face of the wall as shown on the "Bevel Detail", and the bevel constructed from the end of the pipe to the face of the wall.

7. When wingwalls are placed on the inlet end of concrete pipe, the "bell" or "groove" of the pipe shall be placed in the wall, and the inside

of the "bell" or "groove" shall be filled with concrete up to the flow line.

8. Bevels are not required on outlet wingwalls or on inlet wingwalls for concrete pipe.

9. Keyed or doweled type construction joints, acceptable to the Engineer, may be used during construction.

10. If embankment slope above wingwalls is flatter than 2:1, provide wings for 2:1 slope and warp embankment to 2:1 slope at wingwall.

11. The pay quantity for wingwalls, constructed in accordance with the details herein, will be the cubic yards of Class B Concrete specified on this sheet. Cost of all reinforcing steel shall be included in the unit price bid for Class B Concrete.

12. Waterstop meeting the requirements of 708.10 shall be placed as shown when concrete gutter is to abut the wingwall.

Inside Dia.	Slope		DIMENSIONS									REINFORCEMENT						QUANTITIES		
of	Fill									Mark	Size	No.of	LE	NGTH			CONC	CONC	STEEL	
Pipe		Α	В	С	D	E	F	G	Н	WIGHT	5	Bars	а	b	Total	Туре	C.Y.	C.Y.	LBS.	
36"	2:1	*3'-9"	1'-10"	3'-10"	4'-1"	12'-4 1 "	5'-10 1 "	*0'-9"	*0'-64"	h ₁	#4	2	3'-11"	$5'-9\frac{1}{2}"$	15'-6"	BENT	1.79	1.86	70.8	
		t4'-0"						t ₀ '-6"	t ₀ '-2½"	h ₂	#4	1			11'-10"	ST.				
		l	BEVEL:D	EPTH=1	1/2"	LENGTH=	2 1/4"			٧	#4	21			3'-0"	BENT				

* DIMENSIONS FOR INLET WINGWALLS ON CORRUGATED METAL PIPE (TO ACCOMMODATE THE BEVEL). t DIMENSIONS FOR INLET WINGWALLS ON CONCRETE PIPE AND ALL OUTLET WINGWALLS.

ALTERNATE NO. 1A & ALTERNATE NO. 2A



NORTH ROCKLAND HS
RESTROOM AND SITE
IMPROVEMENTS

SED# 50-02-01-06-0-016-033

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MICHAEL SHILALE ARCHITECTS, L.L.P.

140 Park Avenue New City, NY 10956 Tel 845-708-9200

www.shilale.com

SITE DETAILS

CONSTRUCTION NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, AND SHALL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
- THE SITE AT ALL TIMES SHALL BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- . THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND INSPECTING ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES ON A REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT.
- STOCKPILES ARE NOT TO BE LOCATED WITHIN A FLOODPLAIN, BUFFER, ON A SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HAY BALE SEDIMENT BARRIER OR SILT FENCE.
- 6. A CRUSHED STONE, VEHICLE WHEEL—CLEANING BLANKET SHALL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE WORK AREA OR ONTO PUBLIC RIGHT-OF-WAY, SHALL BE REMOVED ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE WORK AREA OR ONTO PUBLIC RIGHT-OF-WAY, SHALL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- DUST SHALL BE CONTROLLED AT ALL TIMES IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION DUST SHALL BE CONTROLLED AT ALL TIMES IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- TREES TO REMAIN AFTER CONSTRUCTION WITHIN THE WORK AREA SHALL BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING EARTHEN BERMS. RIP-RAP OR CRUSHED STONE DAMS, HAY BALES, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTION SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
- 10. ALL DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN OPEN OR UNFINISHED FOR MORE THAN 10 DAYS SHALL BE TEMPORARILY SEEDED WITH 1/2 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1,000 SQUARE FEET. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICABLE BY THE INSTALLATION OF THE BASE COURSE. A TEMPORARY SEEDING AND/ OR MULCHING SHOULD BE APPLIED TO DISTURBED AREAS THAT ARE LEFT FOR 15 DAYS UNLESS CONSTRUCTION WILL BEGIN WITHIN 30 DAYS.
- I. SILT THAT LEAVES THE SITE SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE VILLAGE OF WEST HAVERSTRAW. SILT THAT LEAVES THE SITE SHALL BE COLLECTED AND REMOVED AS DIRECTED BY DEPARTMENT OF PUBLIC WORKS.
- 12. AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY SILTATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS RE-GRADED, PLANTED, OR TREATED IN ACCORDANCE WITH THE APPROVED PLANS.
- 13. ALL AREAS DISTURBED BY ON-SITE GRADING, THAT WILL NOT BE CONSTRUCTED UPON, SHALL BE STABILIZED WITH PERMANENT VEGETATIVE COVER, USING THE FOLLOWING SEEDING SCHEDULE, OR EQUIVALENT:

LB. PER ACRE KENTUCKY BLUE GRASS -0.45 CREEPING RED FESCUE -PERENNIAL RYE GRASS -

14. ALL SEEDED AREAS TO HAVE AN APPLICATION OF THE FOLLOWING:

LIME - AMOUNT NEEDED TO OBTAIN A pH OF 5.5 FERTILIZER - 15 LBS. PER 1,000 SF OF 10-20-10 FERTILIZER OR APPROVED EQUAL IF NOT LANDSCAPED OTHERWISE, ALL NEW CONSTRUCTED STEEP PERMANENT SLOPED LESS THEN 1 (VERTICAL): 2.5 (HORIZONTAL) TO BE SEEDED WITH THE FOLLOWING:

LB. PER ACRE <u>LB. PER</u> 1,000 SF CREEPING RED FESCUE -0.45 CROWN VETCH -0.35 BIRDSFOOT TREFOIL -0.20 TALL FESCUE OR SMOOTH BROMEGRASS -15 0.35 W/ PERENNIAL RYE GRASS

15. ALL SLOPES 1 (VERTICAL): 2.5 (HORIZONTAL) TO BE MULCHED AND STABILIZED WITH CLOTH FABRIC AND PINNED TO THE GROUND.

16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE:

VEGETATIVE SPECS.

0.10

a. CONSTRUCT STABILIZING CONSTRUCTION ENTRANCE.

b. INSTALL SEDIMENT BARRIERS AS PER NOTE 1 ABOVE. c. CONSTRUCT DIVERSIONS SWALES AND DRAINAGE SYSTEMS WITH MINIMUM NECESSARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND

SYSTEMS WITH MINIMUM NECESSARY CLEARING. d. CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED. e. PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM.

f. INSTALL SEDIMENT CONTROL BARRIERS AROUND ALL STORM DRAIN INLETS. g. SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNDISTURBED FOR A PERIOD OR 30 DAYS AS PER NOTE 2 ABOVE. h. AFTER COMPLETION OF THE SITE CONSTRUCTION FINE GRADE AND SPREAD TOPSOIL

ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ABOVE. i. REMOVE SEDIMENT BARRIERS AS PER NOTE 4 ABOVE j. MAINTAIN ALL SEEDED AND PLANTED AREAS TO INSURE A VIABLE STABILIZED

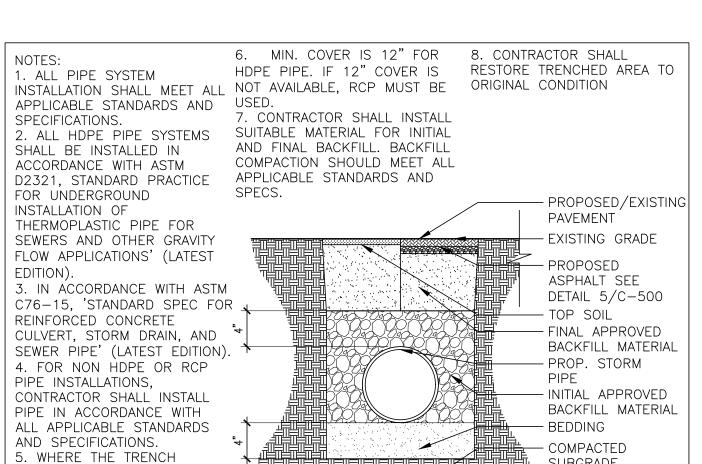
11. ALL CONSTRUCTION TO MEET CURRENT VILLAGE OF WEST HAVERSTRAW SPECS.

12. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SEEDING IN ALL DISTURBED AREAS.

INLET FILTER BAG DETAIL SCALE: N.T.S.

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.

LONG SPACED NO MORE THAN 6 FEET APART.



BURIED FABRIC-

SUBGRADE

SUBGRADE

FIRM UNYIELDING

RECOMMENDATIONS. STORM TRENCH DTL. **SCALE:** 3/4" = 1'-0"

GATHER EXCESS AT

A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

INLET FILTER BAG DETAIL

SAND BAG OR ALTERNATE WEIGHT

(BELOW FILTER FABRIC)

STRUCTURE

2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION

3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT

4. THE WEIR SHALL BE SECURELY NAILED TO 2" X 4" SPACERS 9 INCHES

5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY

2" X 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SAND BAGS OR ALTERNATE WEIGHTS.

SHALL BE SHAPED AND SECURELY NAILED TO A 2" X 4" WEIR.

STORM DRAINAGE

BOTTOM IS UNSTABLE,

CONTRACTOR SHALL PROVIDE

SUITABLE BACKFILL MATERIAL

AS REQUIRED BY ARCHITECT

2"X4" WOOD FRAME

DROP INLET

WITH GATE

CONSTRUCTION SPECIFICATIONS

THE STAKES AND FRAME

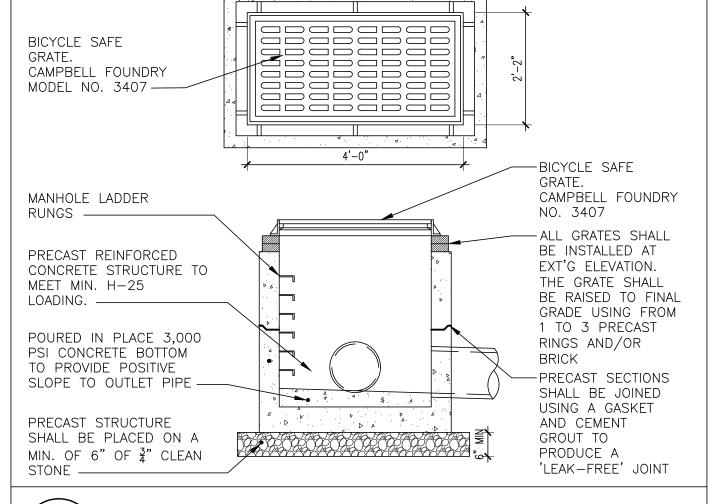
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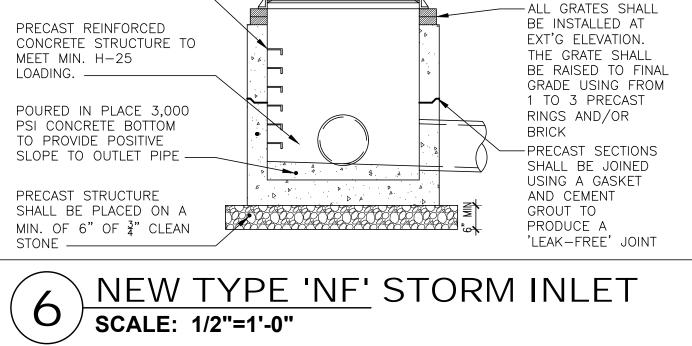
. MAXIMUM DRAINAGE AREA 1 ACRE

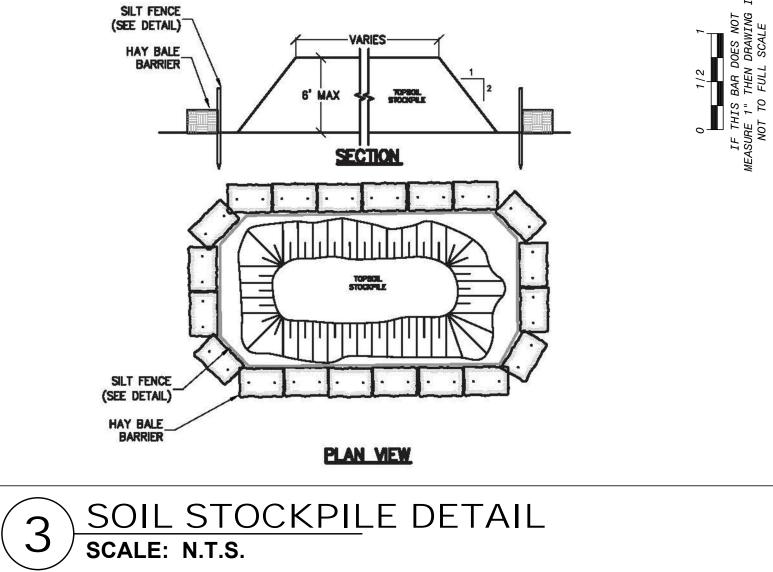
2" X 4" WEIR

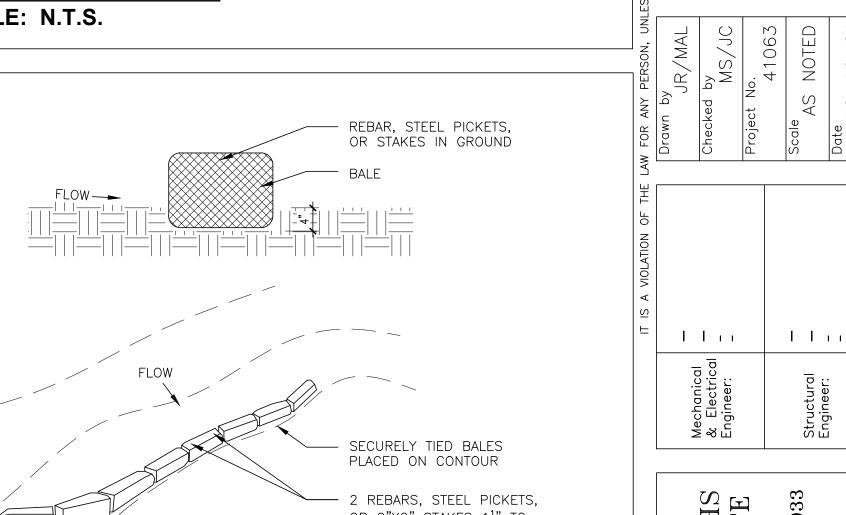
NOTES:

SCALE: N.T.S.









· 2 REBARS, STEEL PICKETS OR 2"X2" STAKES $1\frac{1}{2}$ " TO

2" IN GROUND

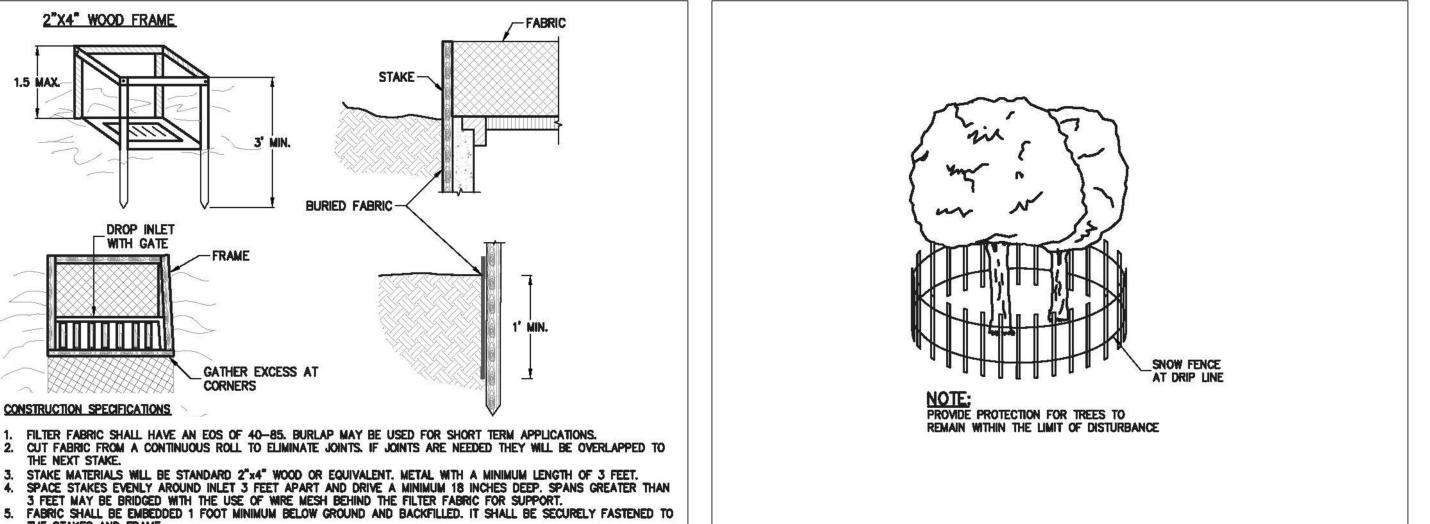
- LAND CONTOURS

LAID BALE

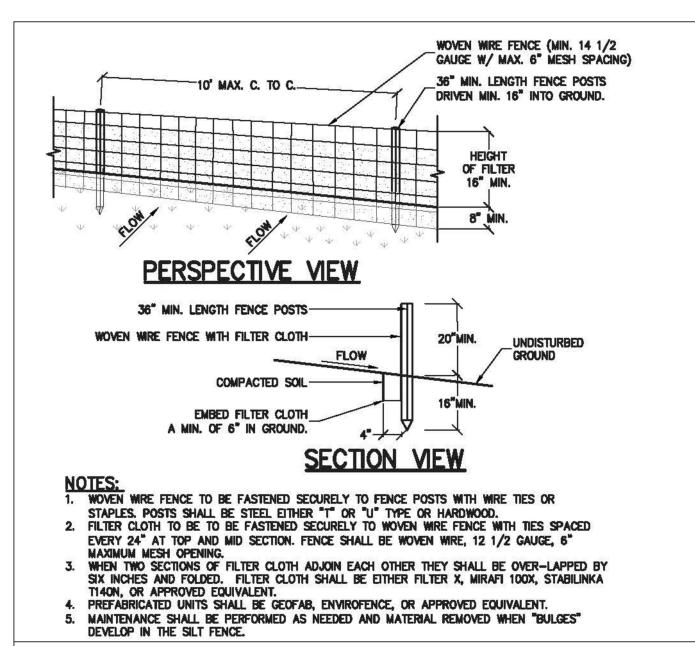
ANGLE FIRST STAKE

TOWARD PREVIOUSLY

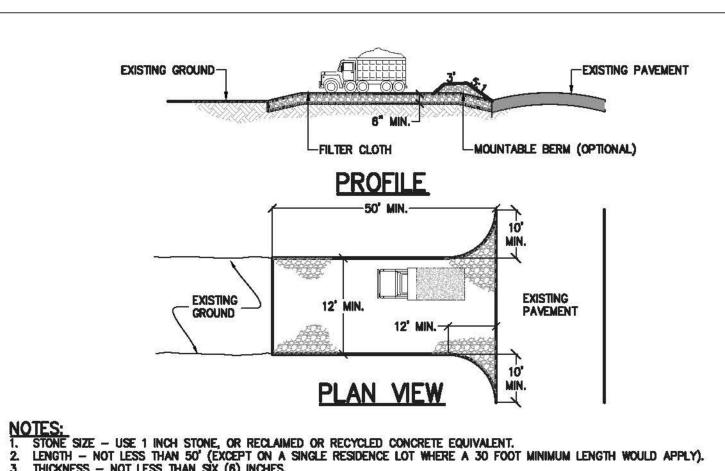




TREE PROTECTION DETAIL SCALE: N.T.S.



SILT FENCE DETAIL SCALE: N.T.S.



THICKNESS - NOT LESS THAN SIX (6) INCHES. 4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS. TWENTY - FOUR (24) FOOT IF SINGLE ENTRANCE SITE.

5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

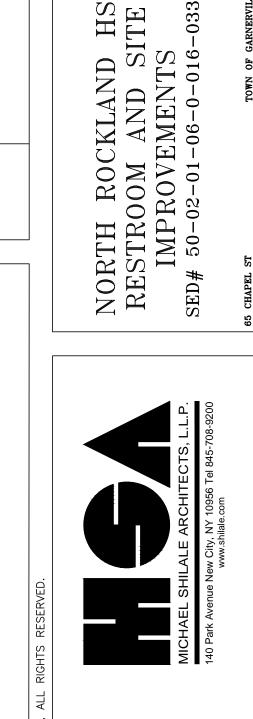
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

MAINTENANCE — THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED.

8. When washing is requires, it shall be done on an area stabilized with stone and which drains into an approved SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

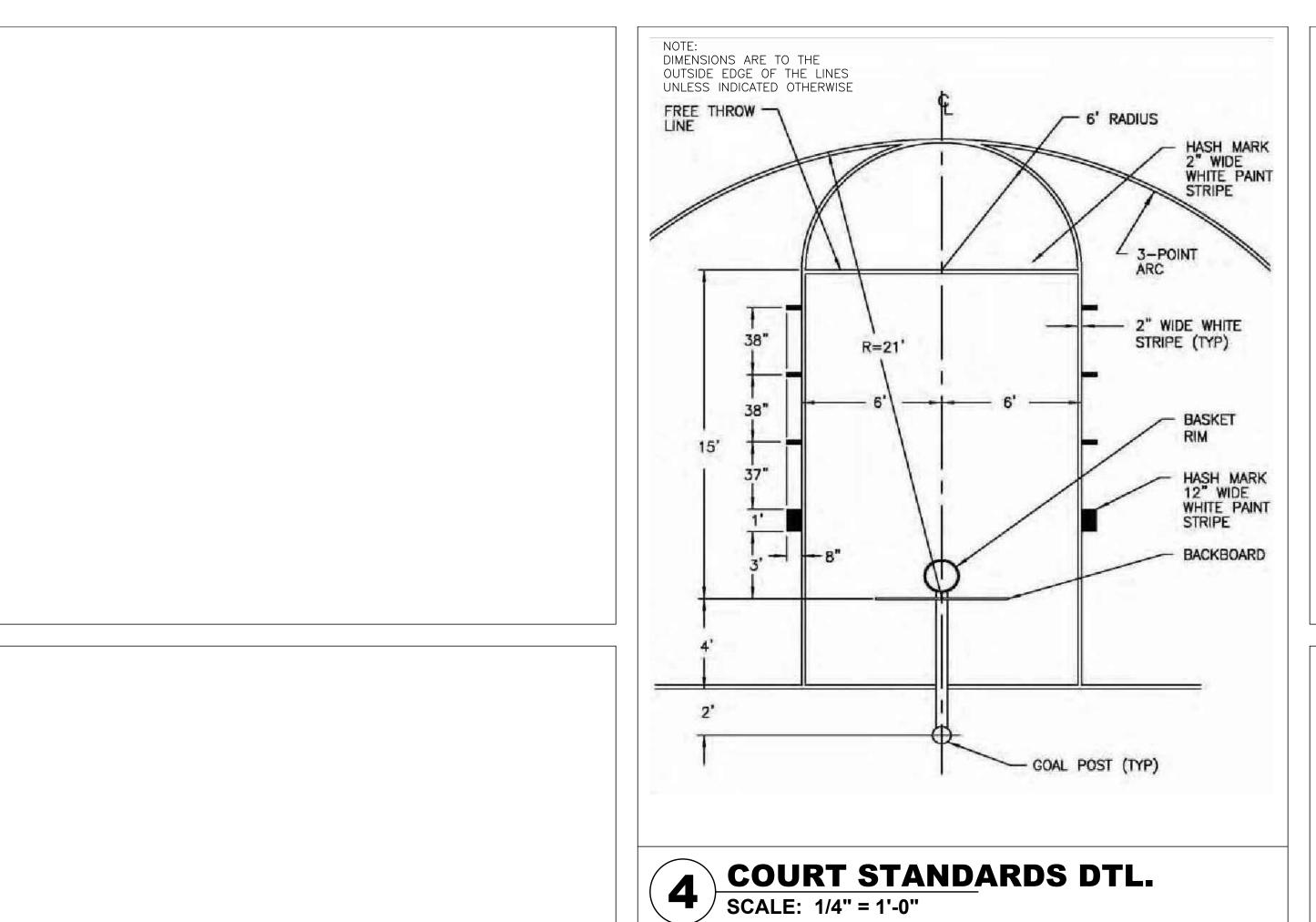
STABILIZED CONSTRUCTION ACCESS DETAIL SCALE: N.T.S.

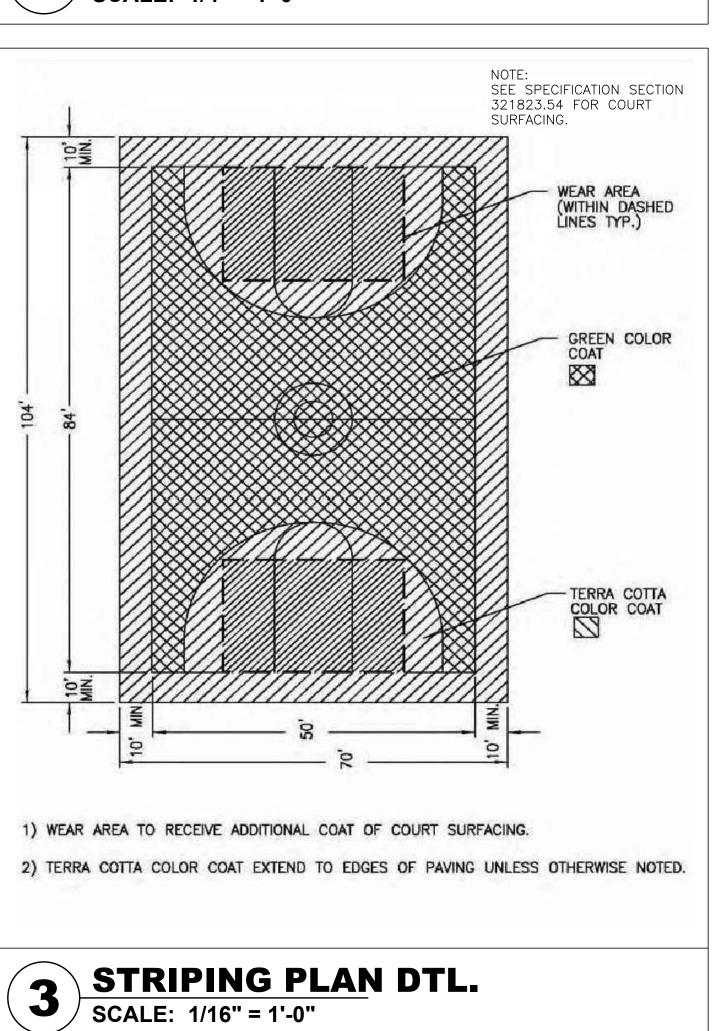
10. CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN THE STABILIZED CONSTRUCTION ACCESS AND THE PUBLIC ROADWAY.

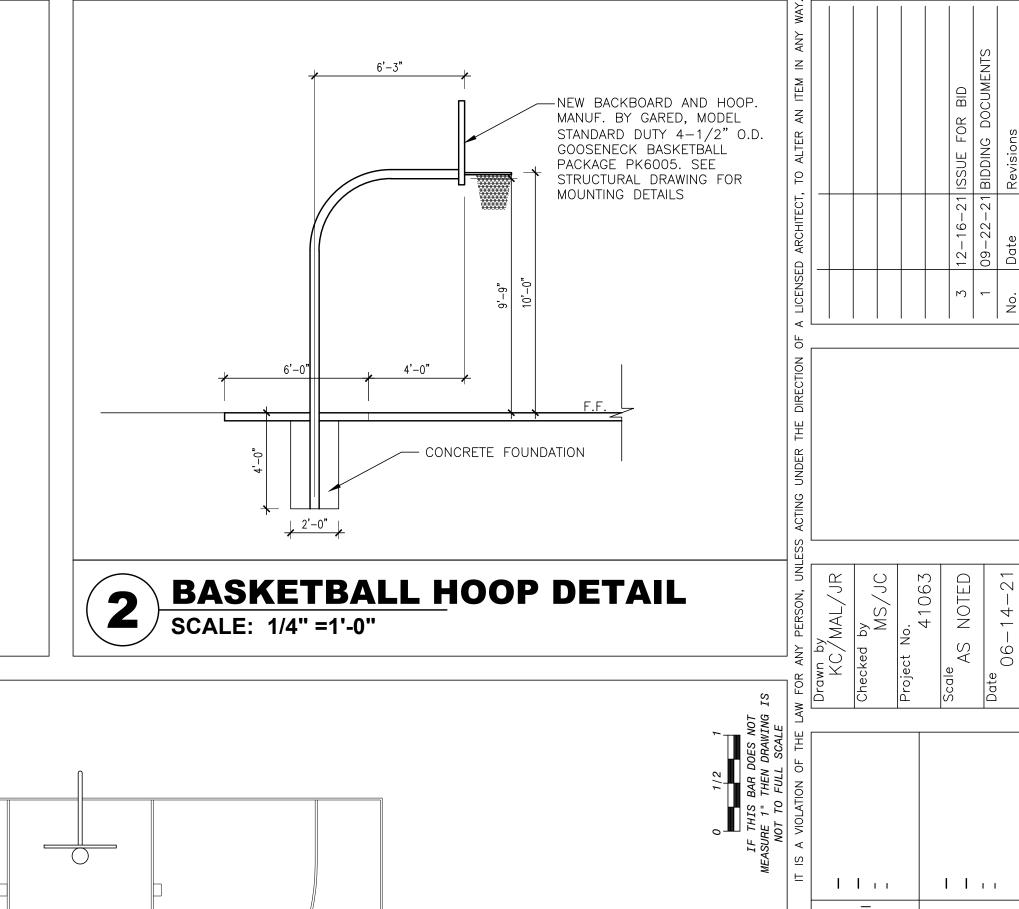


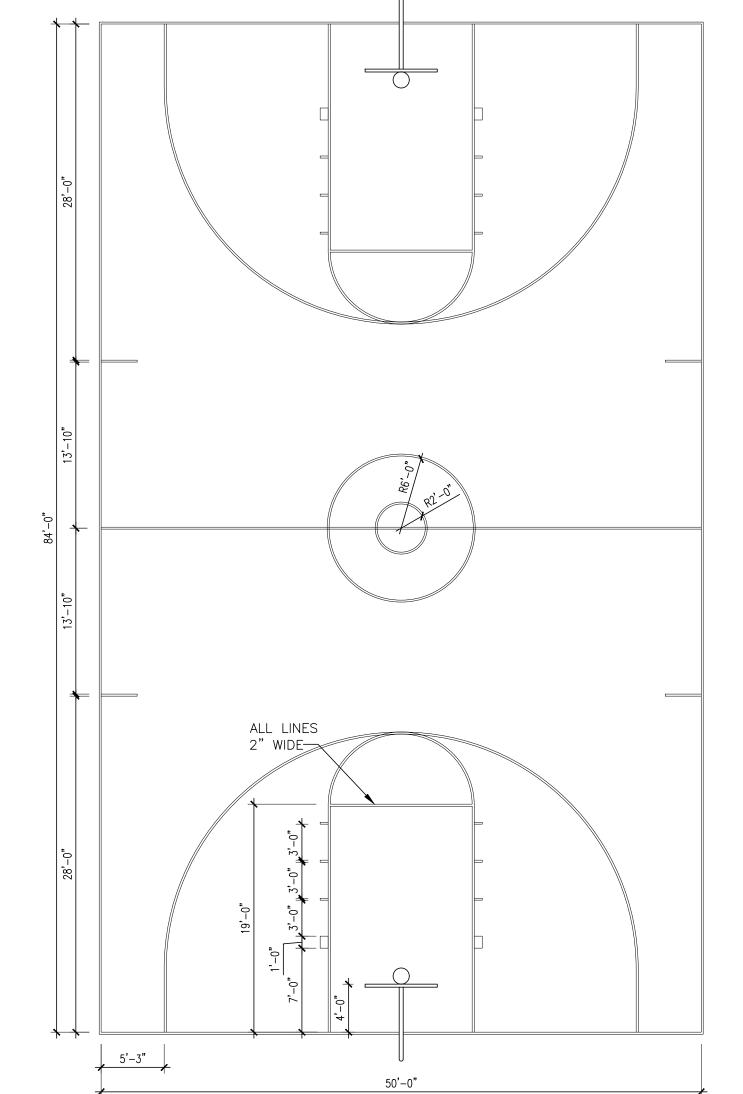
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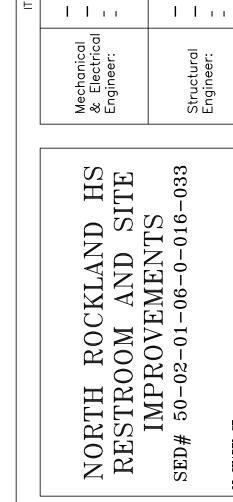
STANDARD SOIL EROSION & SEDIMENT CONTROL NOTES

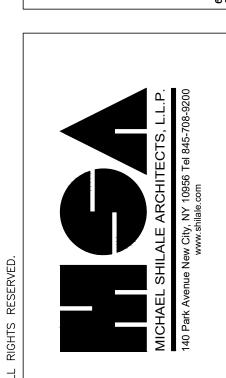






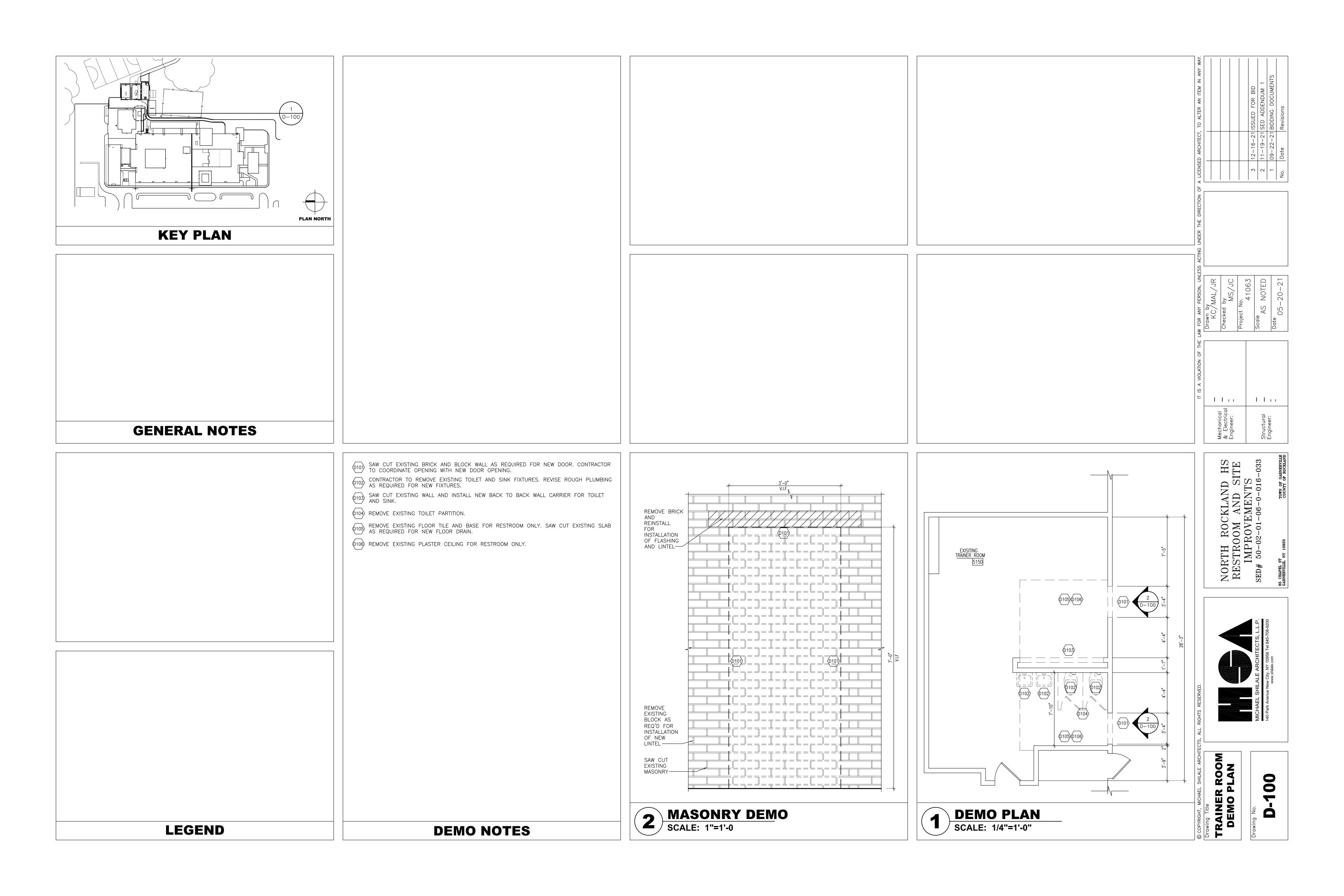


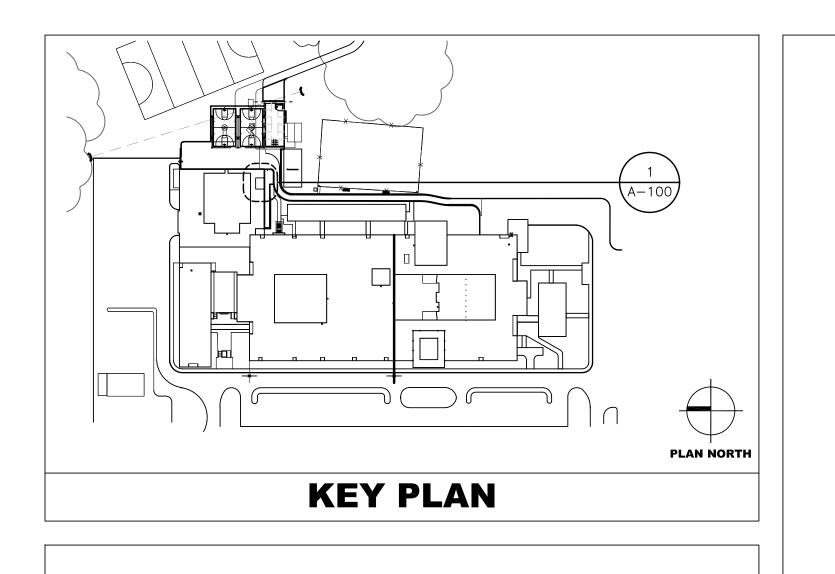


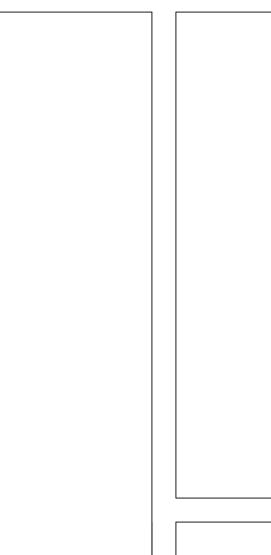


SITE DETAILS
SITE DETAILS
Irawing No.

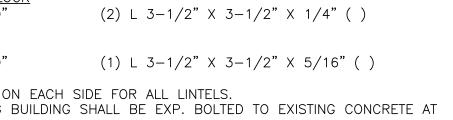
1 BASKETBALL COURT STRIPING PLAN SCALE: 1/2" = 1'-0"

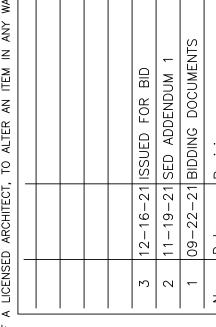






	L-1	8" CONCRETE BLOCK M.O. 0' TO 4'-0"	(2)
	L-2	<u>4" BRICK</u> M.O. 0' TO 4'-0"	(1)
	BRICK	E MIN. 8" BEARING ON EAG LINTELS AT EXISTING BUILD O.C. W1/2" Ø EXP. BOLTS.	ING SHALL



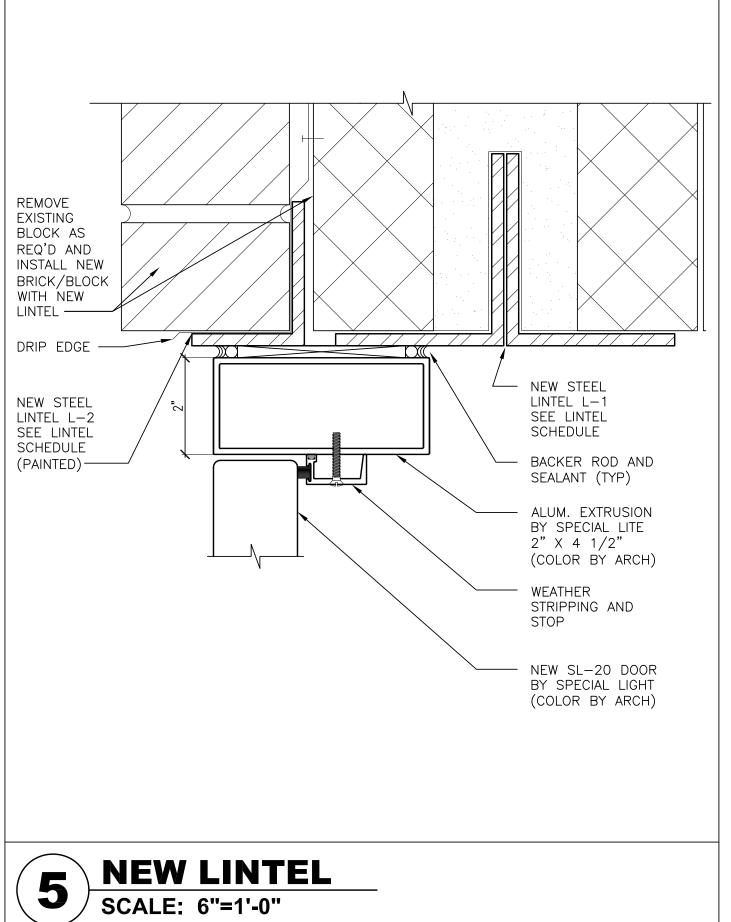


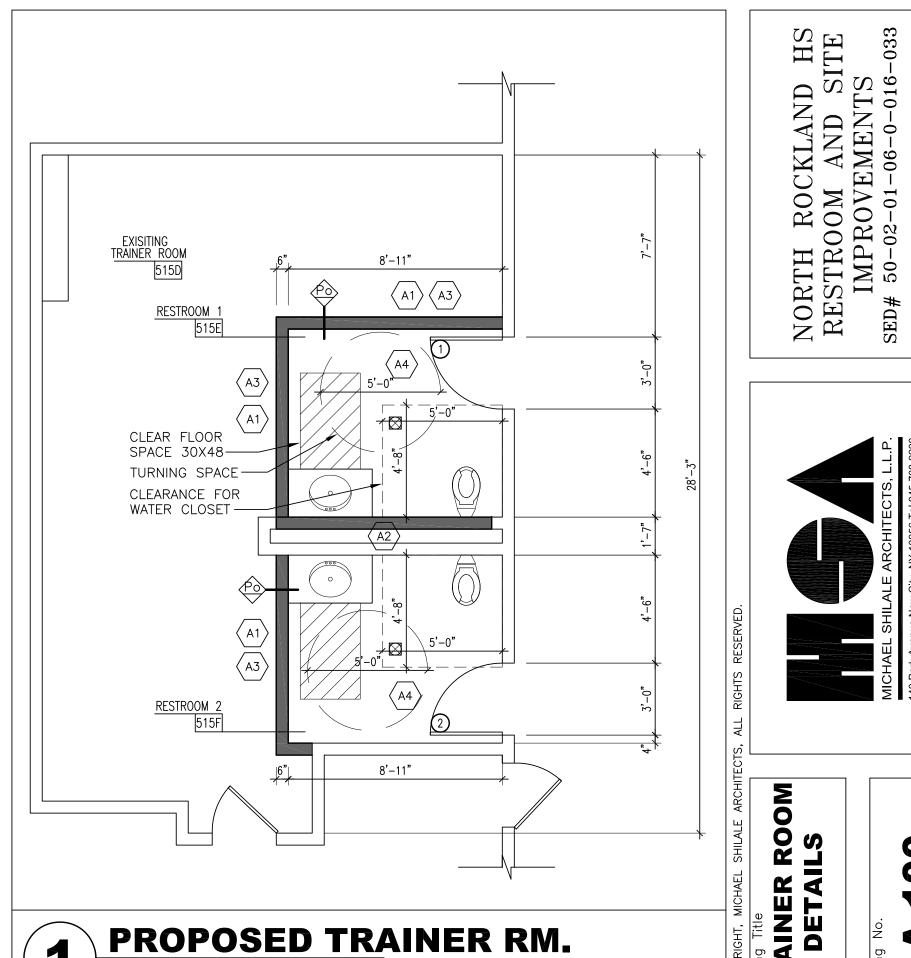
LINTEL SCHEDULE Llii Llii

GENERAL NOTES

- (A1) REPAIR EXISTING FLOOR CERAMIC TILE AND BASE TILE IN TRAINER'S ROOM.
- (A2) RECONSTRUCT MASONRY WALL. COORDINATE WITH PLUMBING DRAWINGS. (A3) INSTALL NEW BLOCK WALL TO UNDERSIDE OF ROOF DECKING. SEE PARTITION TYPE OA-M ON A601.
- INSTALL NEW CERAMIC TILE FLOOR AND WALLS. PROVIDE THICK SET CERAMIC TILE WITH 1/8" SLOPE TO FLOOR DRAIN SEE DETAIL 4/A-100.

NEW CERAMIC TILE MORTAR BED (NOM 1 1/4"− 3") REINFORCING W/ 2X2 X 16/16 W.W.M. MORTAR BED BOND COAT - WATERPROOF MEMBRANE EXISTING CONCRETE FLOOR





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

REPAIR NOTES

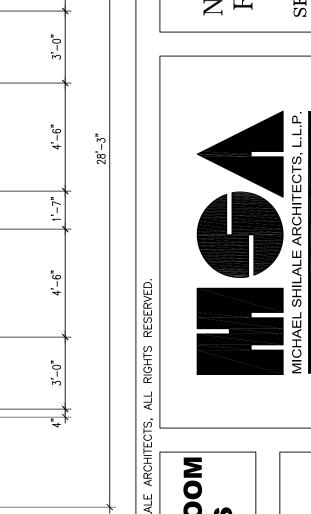
- NEW LIGHT POST ON 12" SONOTUBE
- NEW SEATING
- NEW BASKETBALL HOOP

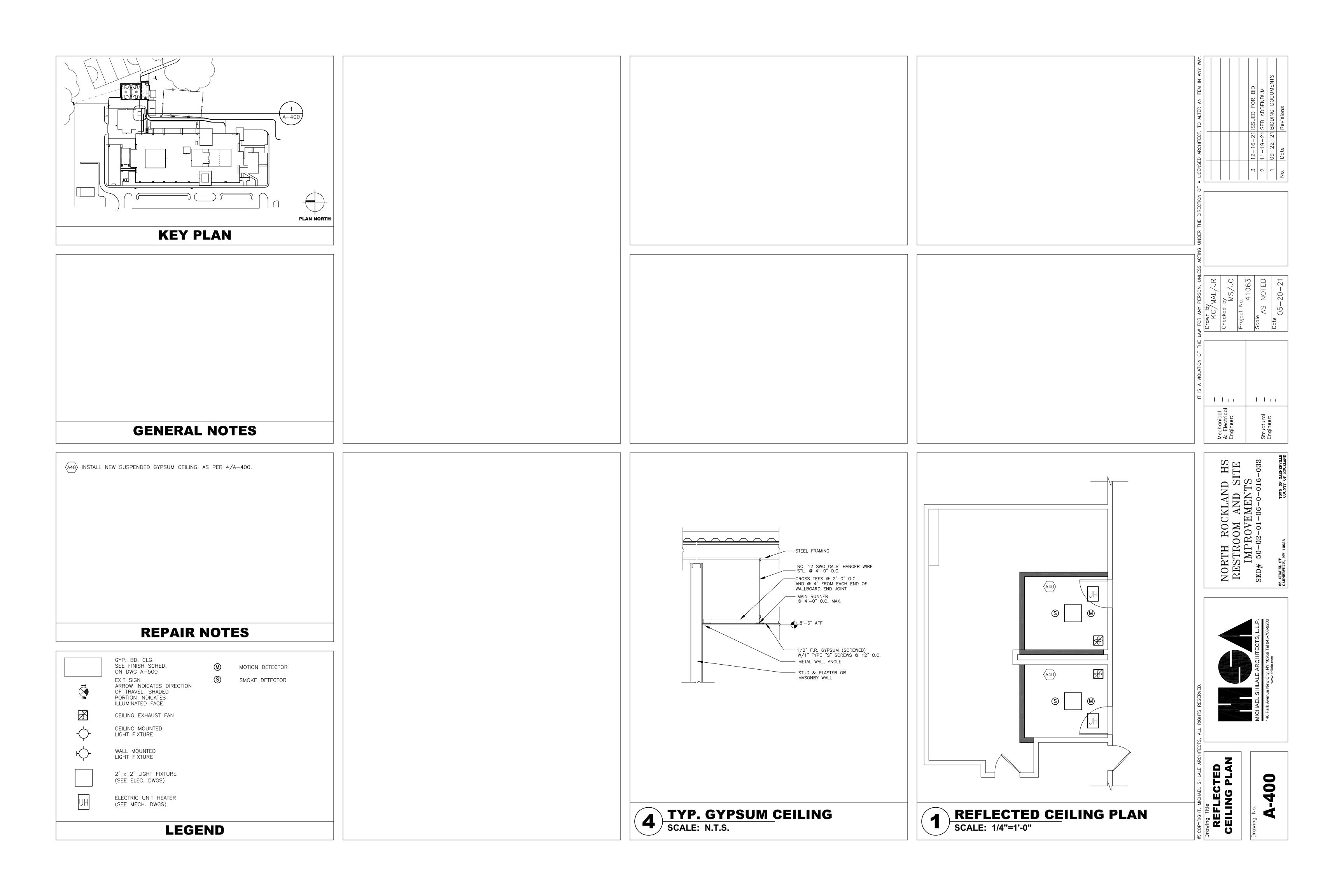
— - — - — NEW UNDERGROUND ELECTRIC

- ----× ---- NEW FENCE
- S FLOOR DRAIN

LEGEND







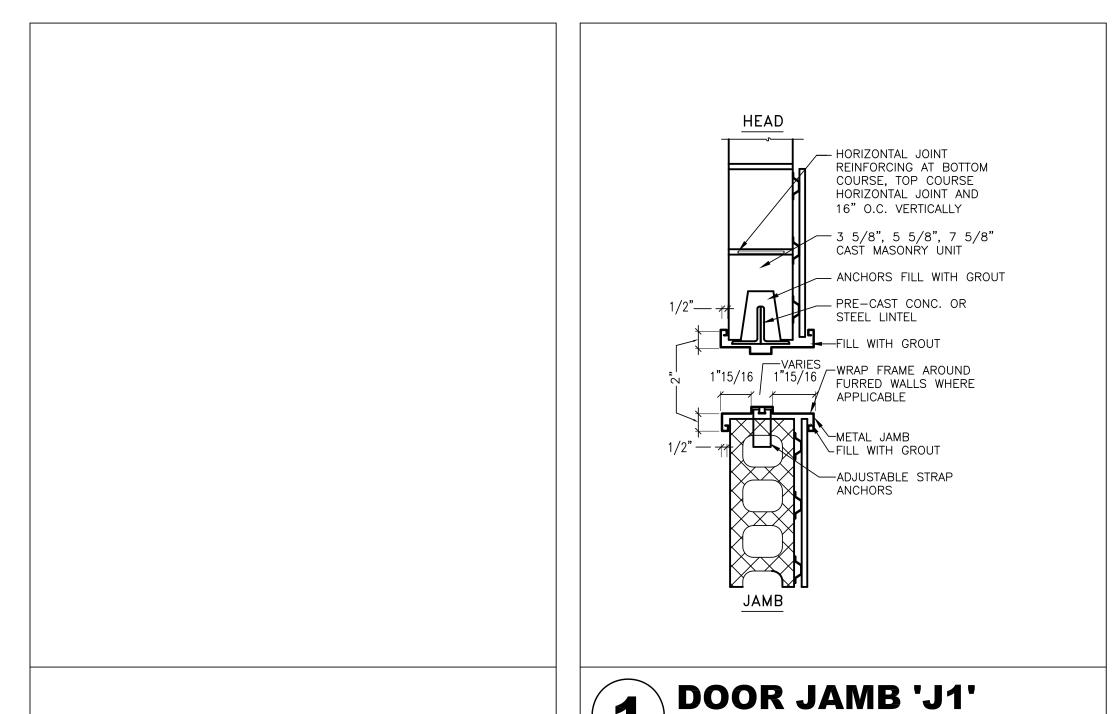
QTY	ITEM	MANUFACTURE	CATALOGUE #	FINISH	KEYNOTE REMARKS
		GROUP - 1	NOT USED		
1.5 PR	BUTTS	STANLEY	FBB 179, 4 1/2" X 4 1/2"	US26D	#1
1	HEAVY DUTY LOCK SET	CORBIN RUSSWIN CL3300	CL 3355, AZD	US26D	
1	DOORSTOP	IVES	407	US26D	
2	PLASTIC KICK PLATES	IVES (12" X 34")	8400 SERIES 1/8" THICK		
		GROUP — 2 (PUBLIC RE	STROOM)		,
1	DEAD BOLT W/OCCUPANCY INDICATOR	YALE	D SERIES	US26D	#1
1	CONTINUOUS HINGES	MARKAR	FM-300 EDGE MOUNT	US26D	
1	CYLINDRICAL LOCKSET	CORBIN RUSWIN CL3300	CL3393	US26D	
1	WALL STOP	IVES	407	US26D	
1	DOOR CLOSERS	LCN CLOSERS	4110N, DEL	US26D	#2
		GROUP - 3 (PANIC HARDWA	ARE W/ KEY)		
1.5 PR	BUTTS	STANLEY	FBB 179, 4 1/2" X 4 1/2"	US26D	#1, #2, #3
1	WALL STOP	IVES	407	US26D	
1	DOOR CLOSERS	LCN CLOSERS	4110N, DEL	US26D	
1	HEAVY DUTY LOCK SET	FALCON	RU581	US32D	QUANTUM
2	PLASTIC KICK PLATES	IVES (12" X 34")	8400 SERIES 1/8" THICK		#6
		GROUP - 4 (PANIC HARDWAR	RE W/ ALARM)		
1.5 PR	BUTTS	STANLEY	FBB 179, 4 1/2" X 4 1/2"	US26D	#1, #3
1	PANIC DEVICE	FALCON MONARCH	19 SERIES, 912L	US32D	QUANTUM, #5
1	WALL STOPS	IVES	407	US26D	
1	DOOR CLOSERS	LCN CLOSERS	4110N, DEL	US26D	
2	PLASTIC KICK PLATES	IVES (12" X 34")	8400 SERIES 1/8" THICK		#6
		GROUP - 5 (PANIC HAI	RDWARE)		
1.5 PR	BUTTS	STANLEY	FBB 179, 4 1/2" X 4 1/2"	US26D	#1, #2, #3
1	PANIC DEVICE	FALCON MONARCH	19 SERIES, 912L	US32D	QUANTUM, 11
1	WALL STOP	IVES	407	US26D	
1	DOOR CLOSERS	LCN CLOSERS	4110N, DEL	US26D	
2	PLASTIC KICK PLATES	IVES (12" X 34")	8400 SERIES 1/8" THICK		#6
		GROUP - 6 (PANIC HARDWARE W/	NO OPERATING TRIM)		,
1.5 PR	BUTTS	STANLEY	FBB 179, 4 1/2" X 4 1/2"	US26D	#1, #3, #4
1	PANIC DEVICE	FALCON MONARCH	19 SERIES, 930 EO	US32D	#5
1	WALL STOPS	IVES	407	US26D	
1	DOOR CLOSERS	LCN CLOSERS	4110N, DEL	US26D	
2	PLASTIC KICK PLATES	IVES (12" X 34")	8400 SERIES 1/8" THICK		#6

FINISH MATERIAL SCHEDULE REMARKS

#1 YALE D SERIES DEAD BOLT WITH OCCUPIED/VACANCY INDICATOR ON THE EXTERIOR AND THUMB TURN ON THE INTERIOR

#2 PULL SIDE MOUNTED CLOSER

HARDWARE SCHEDULE



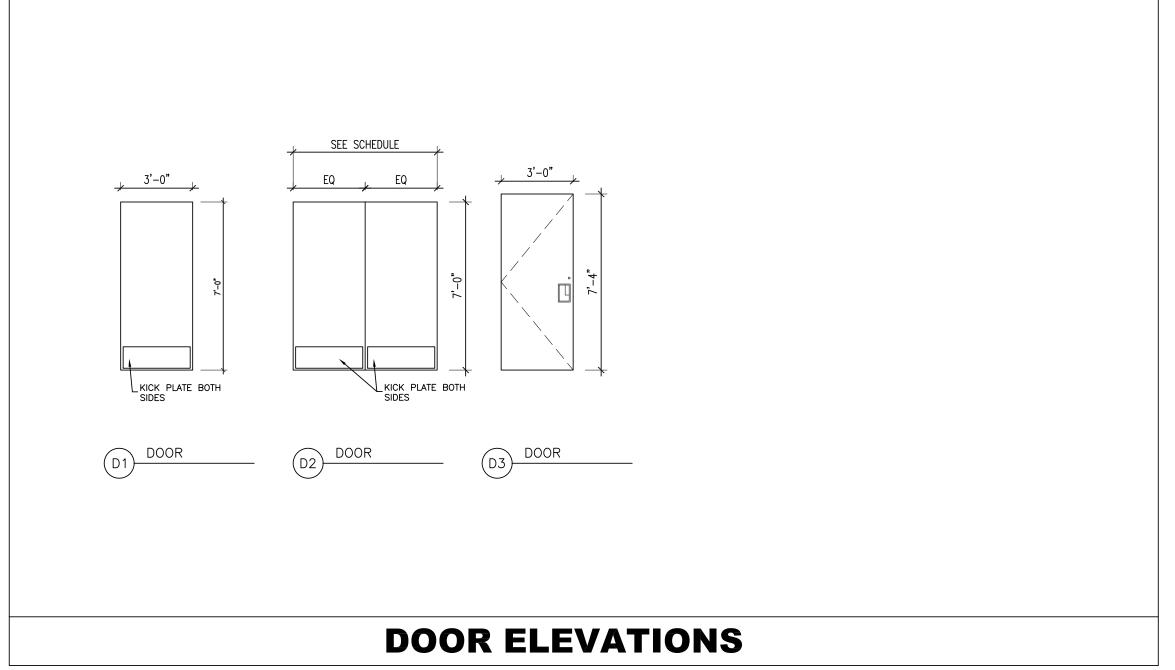
SCALE: 1/2"=1'-0"

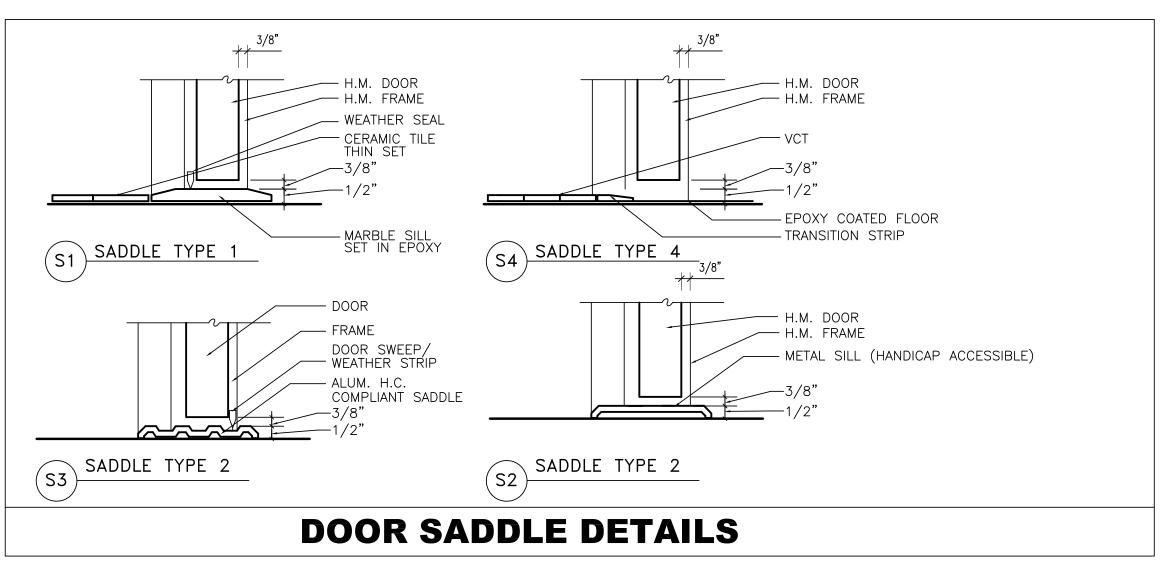
PENING NUMBER	ROOM NAME	ROOM NUMBER						DOOR					UNDER- CUT	FRAME				,	FIF RAT	RE ING	SILL	HARDWARE	REMARKS	
UMBER	NOOW NAWE	NUMBER	NEW	QTY	. WIDT	H HEI	GHT	THICK.	MAT.	FINISH	ELEV.	GAUGE	CUI	NEW	MAT. FINISH	ELEV.	JAMB	HEAD	GAUGE	UL H.R. LABEL RATING		JILL	TIANDWARE	
1	RESTROOM 1	151E	*	1	3'-0	" 7'-	-0" 1	I-3/4"	FRP		D3			*	ALUM	F3	J-1					S-1	2	*1
2	RESTROOM 2	151F	*	1	3'-0	7'-	-0" 1	1-3/4"	FRP		D3			*	ALUM	F3	J-1					S-1	2	*1

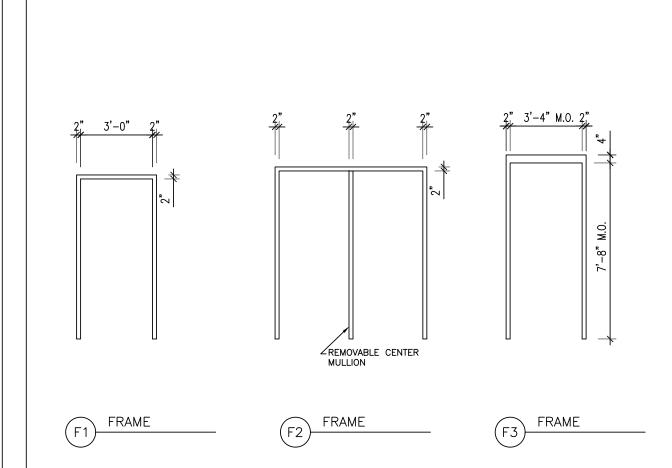
FINISH SCHEDULE REMARKS

#1 FRP DOORS AND FRAMES BY SPECIAL LITE, DOORS SR-20 W/ ALUMINUM FRAMES

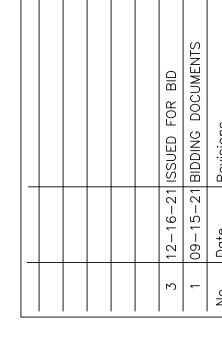
DOOR & FRAME SCHEDULE

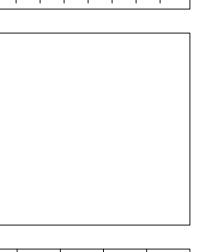


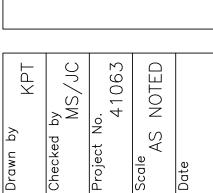




FRAMES

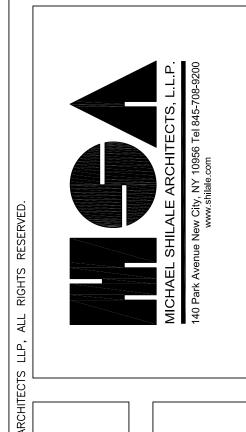






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NORTH ROCKLAND HS
RESTROOM AND SITE
IMPROVEMENTS
SED# 50-02-01-06-0-016-033

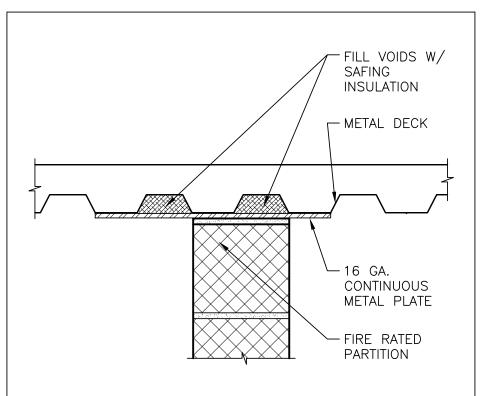


HARDWARE SCHEDULE

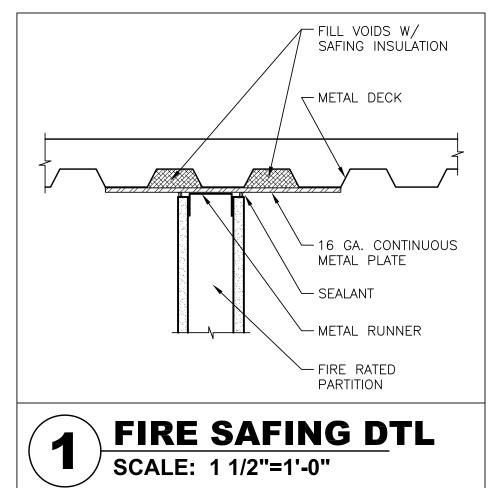
CODE	MATERIAL	MANUFACTURER	PRODUCT	CATALOG NO.	FINISH	COLOR	REMARKS
ACT1	2'X2' CEILING TILE	USG	FROST (FL)	418		BY ARCH	W/FINELINE SUSPENSION SYSTEM
ACT2	2'X4' CEILING TILE	USG	FROST (FL)	450		BY ARCH	W/CENTRICITEE SUSPENSION SYSTEM
CT1	CERAMIC FLOOR TILE	DAL-TILE	MOSAICS UNGLAZED			BY ARCH	
CT2	CERAMIC FLOOR TILE	DAL-TILE	GLAZED WALL TILE			BY ARCH	
CT3	CERAMIC BASE	DAL-TILE				BY ARCH	
CT4	CERAMIC TILE	CROSSVILLE TILE	VERANDA/STONE	6×6		BY ARCH	
CT5	CERAMIC BASE	CROSSVILLE TILE	VERANDA/STONE	BULLNOSE BASE		BY ARCH	
QT1	QUARRY TILE	DAL TILE	QUARRY TILE	6X6		BY ARCH	
PT1	LATEX FINISH	BENJAMIN MOORE	REGAL AQUA PEARL	310	EGGSHELL	BY ARCH	(1) COAT PT4, (2) COATS PT1
PT2	LATEX FINISH	BENJAMIN MOORE	REGAL AQUAGLO	333	SEMI-GLOSS	BY ARCH	(1) COAT PT4, (2) COATS PT2
PT3	LATEX FINISH	BENJAMIN MOORE	REGAL WALL SATIN	215	FLAT	BY ARCH	(1) COAT PT4, (2) COATS PT3
PT4	LATEX PRIMER	BENJAMIN MOORE	LATEX PRIMER	273	FLAT	BY ARCH	
PT5	LATEX FINISH	BENJAMIN MOORE	DTM ACRYLIC	M29	SEMI-GLOSS	BY ARCH	(3) COAT PT6
PT10	LATEX ENAMEL PRIMER	MOORECRAFT	SUPERSPEC	253		BY ARCH	
PT11	LATEX ENAMEL	MOORECRAFT	SUPERSPEC	276	SEMI-GLOSS	BY ARCH	
VCT1	VINYL TILE	ARMSTRONG	STAN. COLOR CHART			BY ARCH	
VB1	VINYL BASE	AZROCK				BY ARCH	
GB1	GYPSUM BOARD	USG					
GB2	FIRE RATED GYPSUM	USG		TYPE X			
GB3	ABUSE-RESISTANT GYP BD	USG					
MRGB	MOISTURE RESISTANT GYP BD	USG					
WB1	4" WOOD BASE		CLEAR PINE	COLONIAL		BY ARCH	SUBMIT SAMPLES
WC1	2 1/2" WOOD CASING		CLEAR PINE	COLONIAL		BY ARCH	SUBMIT SAMPLES
CBU1	CEMENTITIOUS BACKER UNIT	USG	"DURO-ROCK"				
CPT1	CARPET	MOHAWK	SURREAL	MC067		BY ARCH	
CPT2	CARPET	MOHAWK	METRO II	MC015		BY ARCH	
ST1	WOOD STAIN	BENJAMIN MOORE	MOORE'S PENET STN	241	LOW LUSTER	BY ARCH	SUBMIT SAMP.(1) COAT ST1
ST2	P.T. WOOD STAIN	BENJAMIN MOORE	MOORE WOOD	070	SEMI-TRANS	BY ARCH	(2) COATS ST2
V1	VARNISH	BENJAMIN MOORE	BEN WOOD POLY				SUBMIT SAMP.(2) COATS V-1
CH1	CHEMICAL HARDENER	SONNEBORNE	LAPIDOLITH				
STD	PT DECK STAIN	CABOT		0700 SERIES			
SRT	SOLID RUBBER TILE	JOHNSONITE	ROUNDEL	SOLID	SQUARE RT	BY ARCH	24"x24" TILE
BF1	BLOCK FILLER	BENJAMIN MOORE	BLOCK FILLER	244			

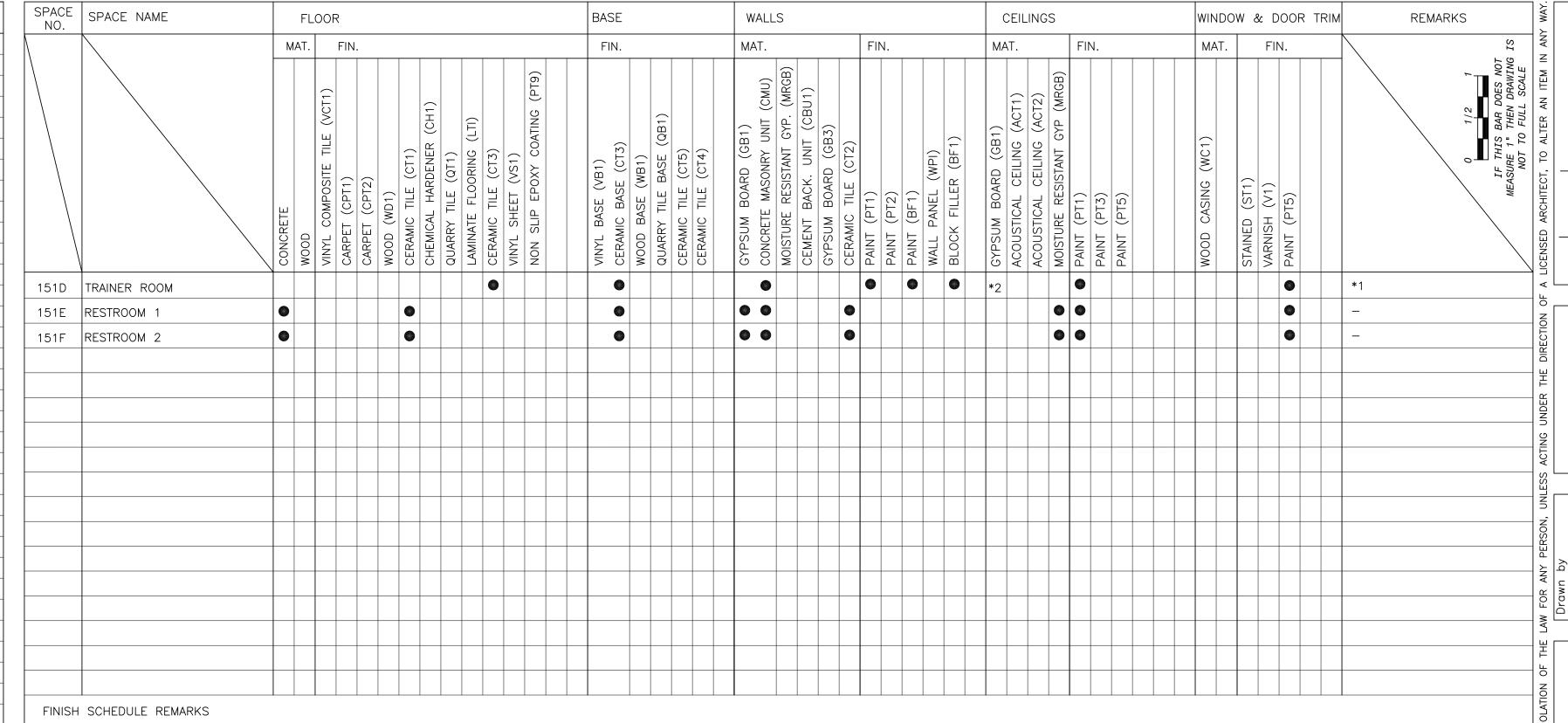
FINISH MATERIAL SCHEDULE REMARKS

FINISH MATERIAL SCHEDULE









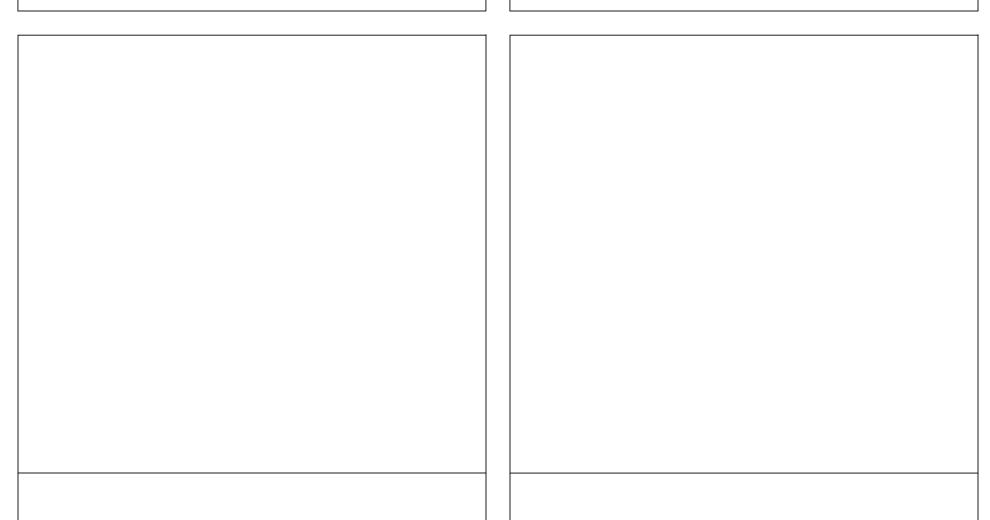
*1. PATCH EXISTING FLOOR IN TRAINER ROOM WITH CERAMIC FLOOR TILE CT3 AND CERAMIC BASE CT3. *2. PATCH EXISTING GYPSUM CEILING.

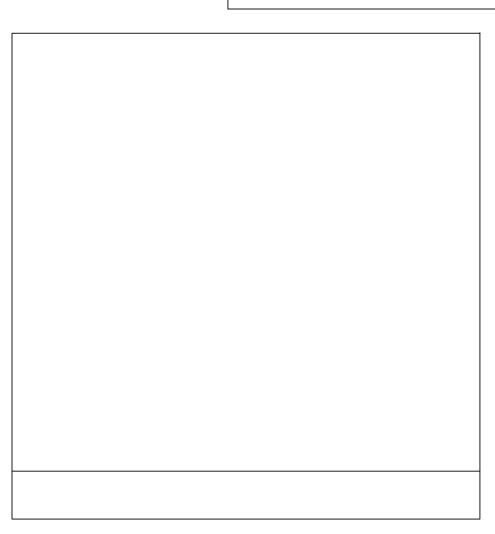
NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS SED# 50-02-01-06-033

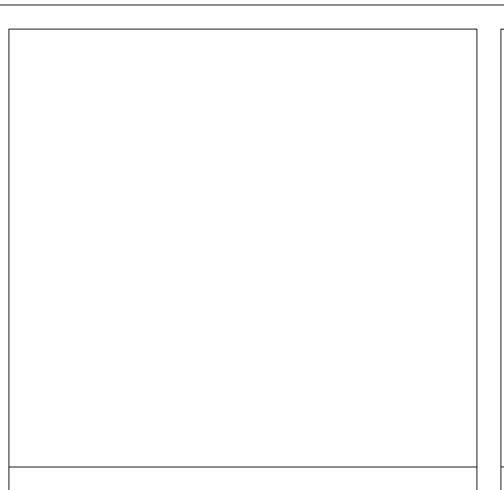
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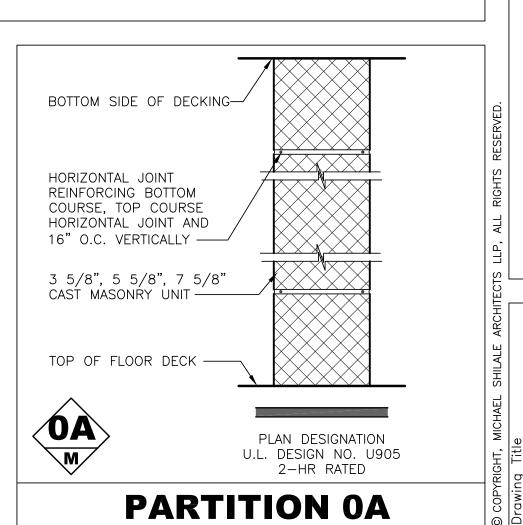
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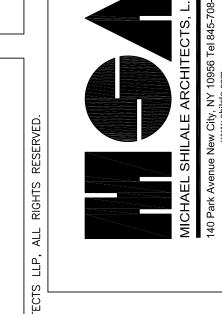






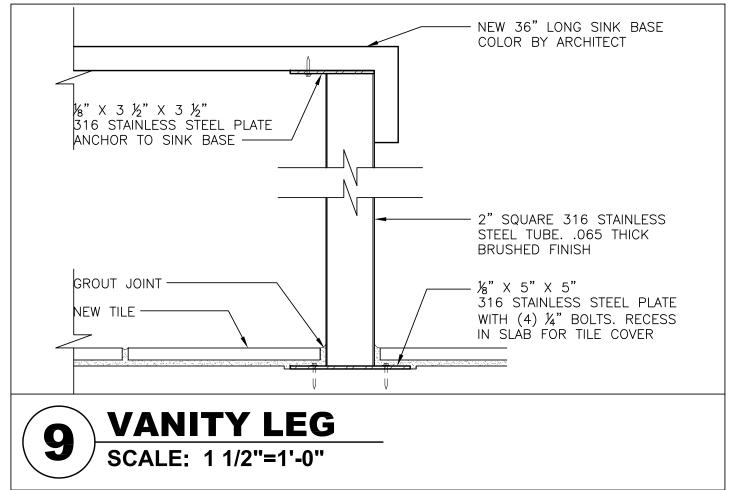


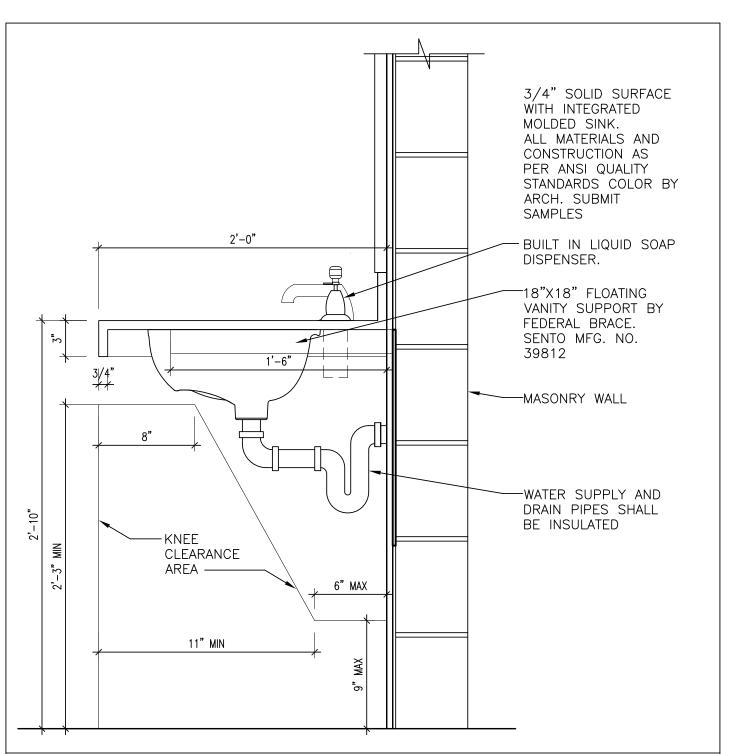


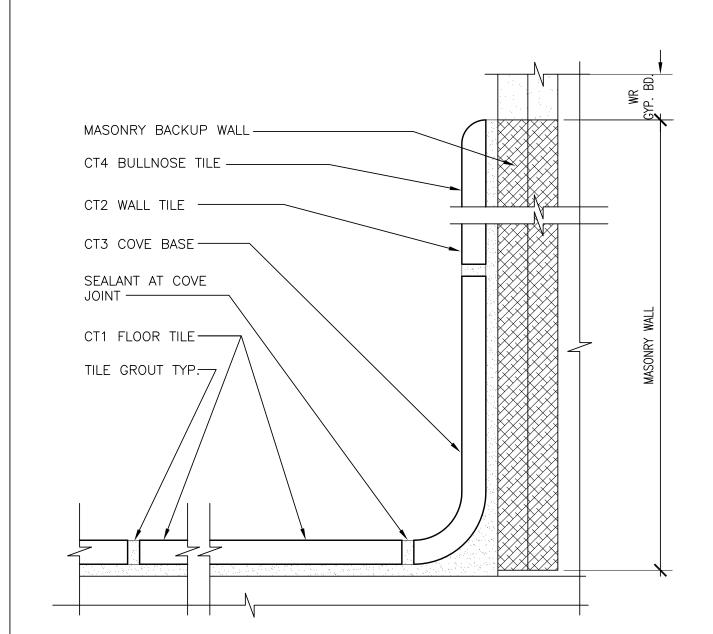


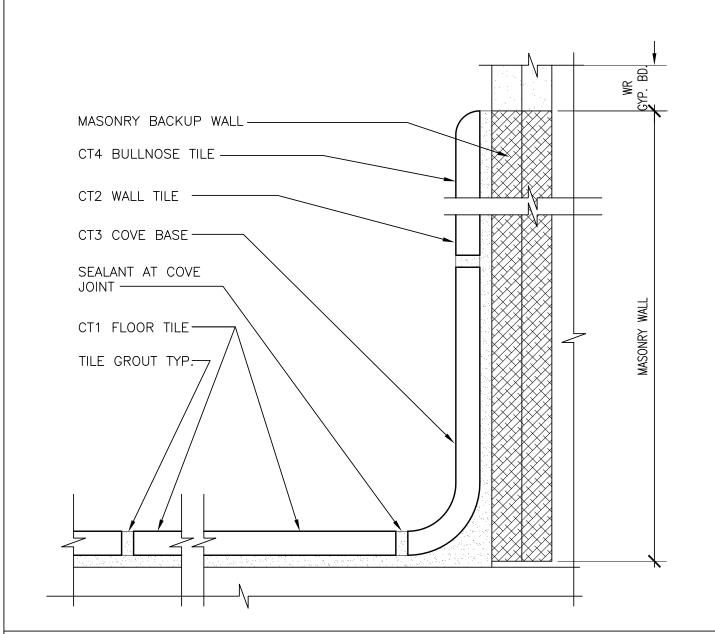
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& PRTN TYPES

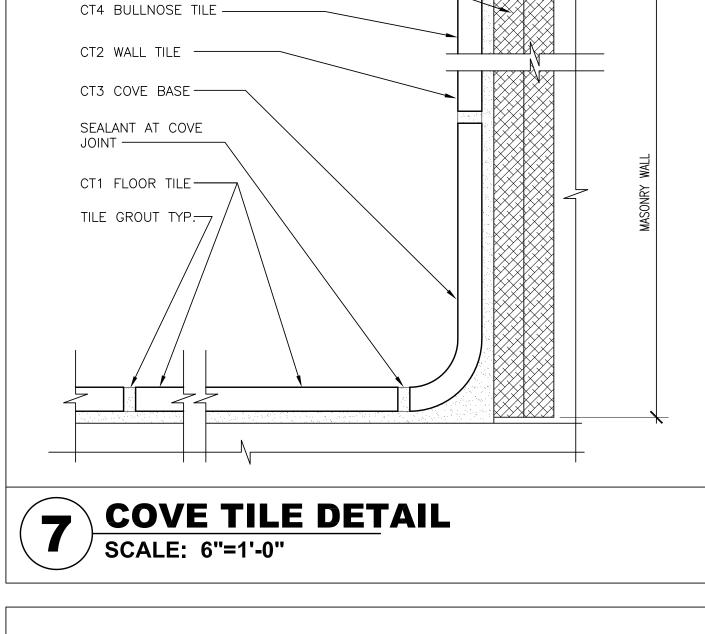
A-601

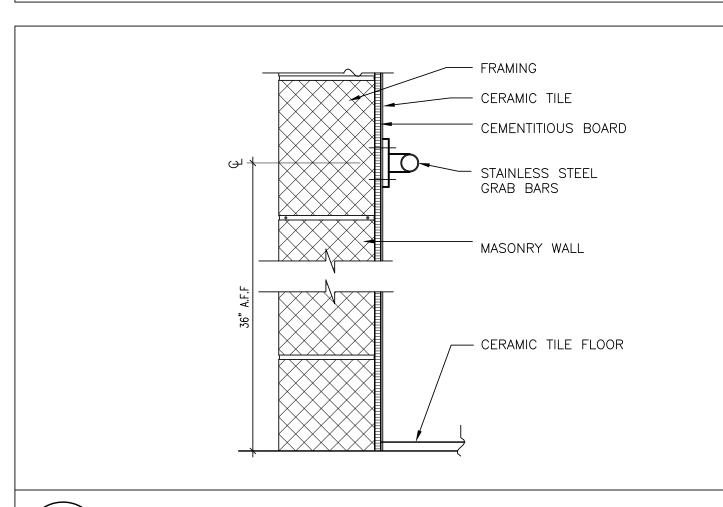




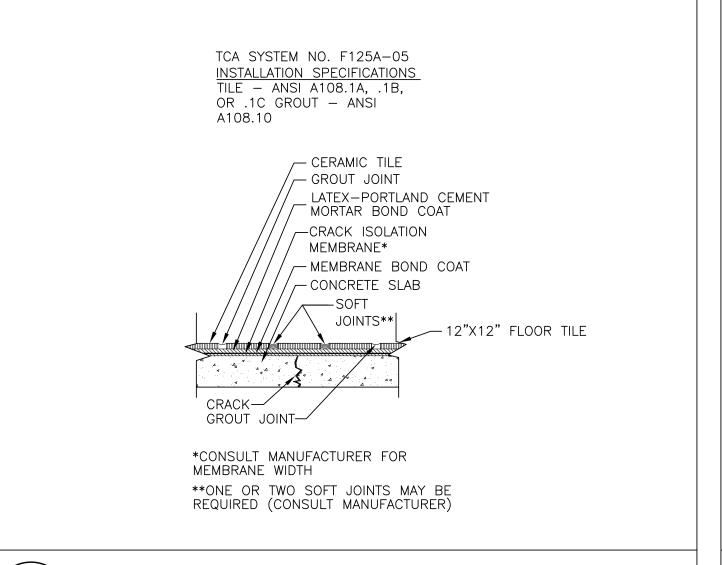


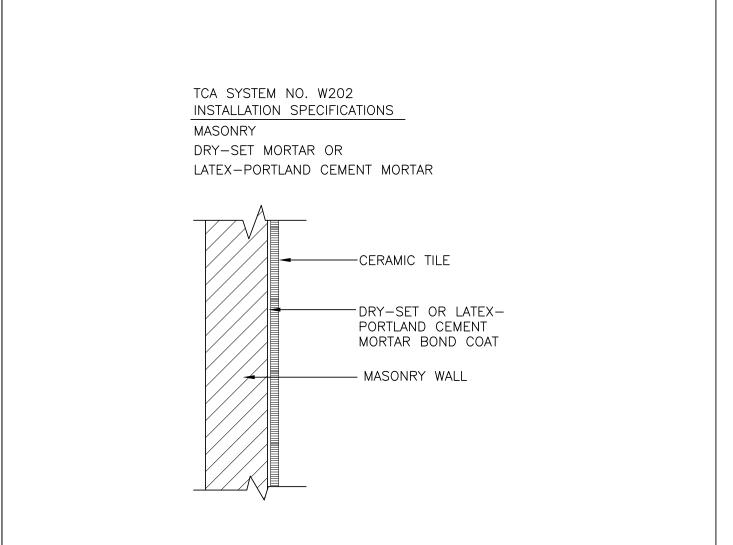


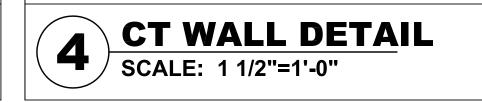






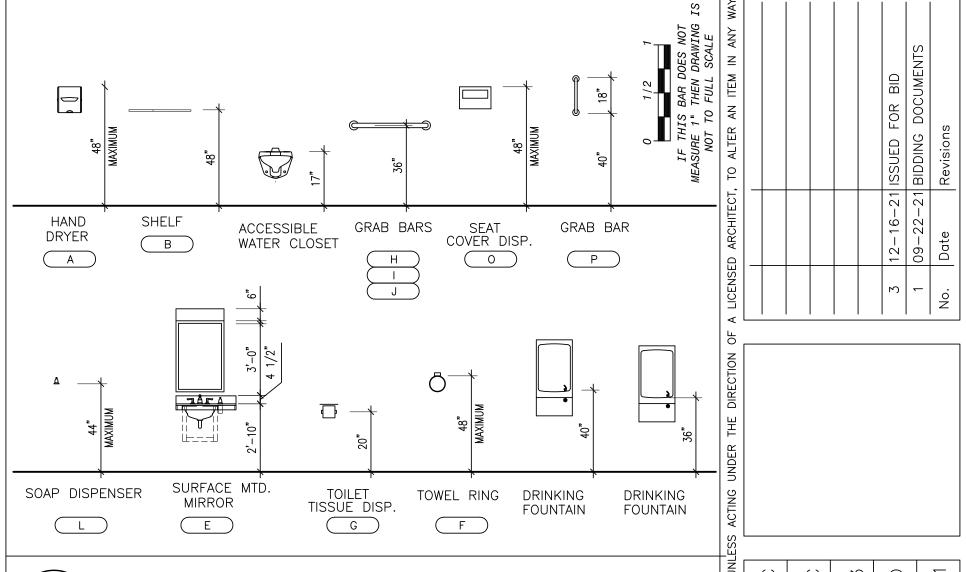






CT FLOOR

SCALE: 1"=1'-0"

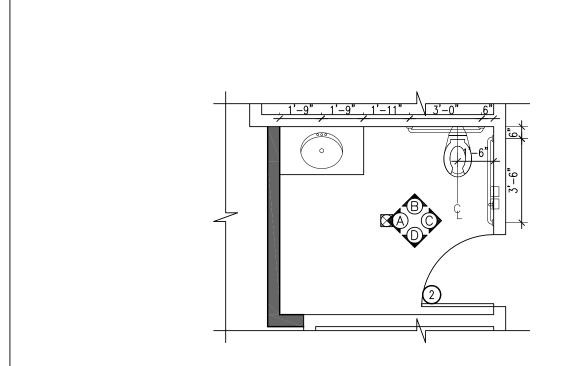


A.D.A. TYP. MOUNTING HEIGHTS SCALE: NTS
SCALE: NTS

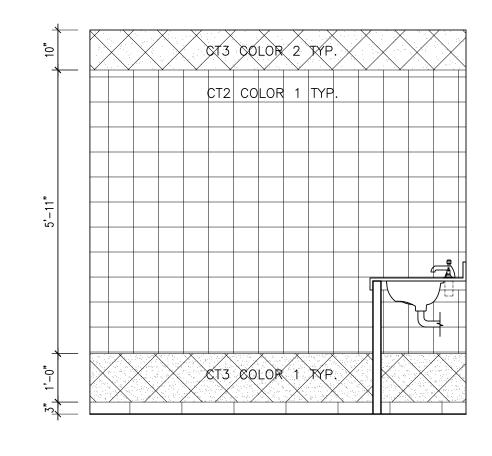
ITEM NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	REMARKS
(A)	HAND DRYER	XLERATOR	XL-SB	
В	12" SHELF	_	_	_
\bigcirc	24" TOWEL ROD	BASCO	1642	STAINLESS STEEL ROD
E	SURFACE MTD. MIRROR	BOBRICK	B-280	SURFACE MOUNTED 24" x 36"
F	TOWEL RING	BASCO	1650	STAINLESS STEEL
G	TOILET TISSUE DISP.	BOBRICK	B-699	STAINLESS STEEL DISPENSER
H	36" GRAB BAR	BASCO	6417HP	
	48" GRAB BAR	BASCO	6419HP	
J	42" GRAB BAR	BASCO	6418HP	
K	MEDICINE CABINET	BASCO	378P	STAINLESS FRAMED 18" x 36" x 3"
				RECESSED
	SOAP DISPENSER	BOBRICK	B-2111	STAINLESS STEEL SURFACE MOUNTED *
M	24" GRAB BAR	BASCO	6414HP	
0	SEAT COVER	BOBRICK	B-221	STAINLESS STEEL
P	18" GRAB BAR	BASCO	6413HP	
U	LIQUID SOAP DISPENSER	AMER. STAND	4303.115	STAINLESS STEEL

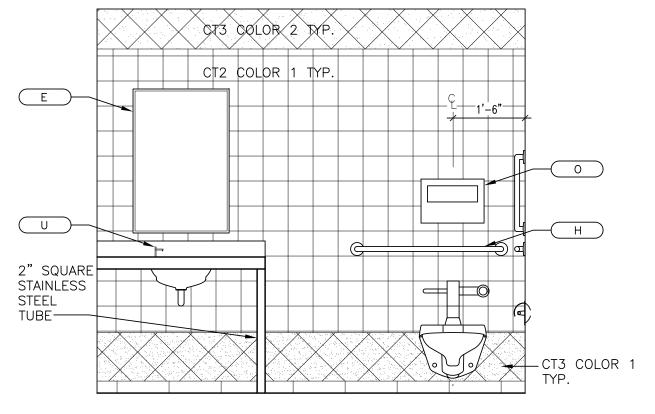
* PROVIDED BY OWNER. INSTALLED BY CONTRACTOR

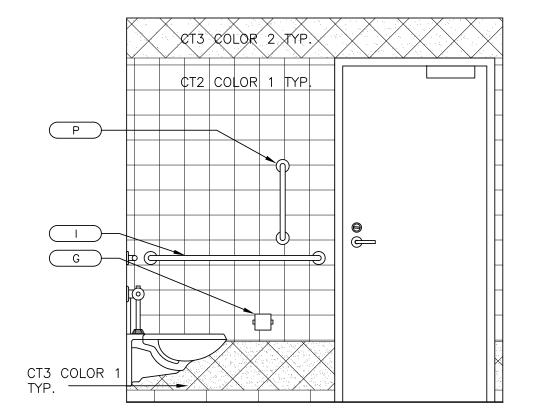


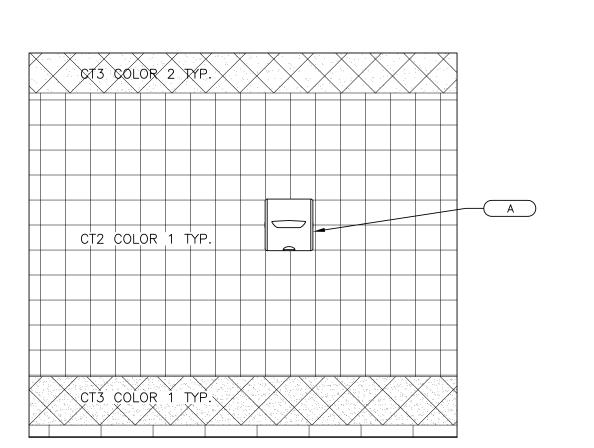


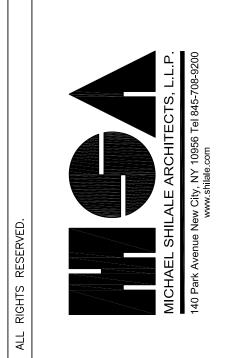
CUSTOM VANITY
SCALE: 1 1/2"=1'-0"











NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS SED# 50-02-01-06-0-016-033

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TRAINER ROOM INTERIOR DETAILS

A-610

BATHROOM PLAN (TYP.)
SCALE: 1/4"=1'-0"







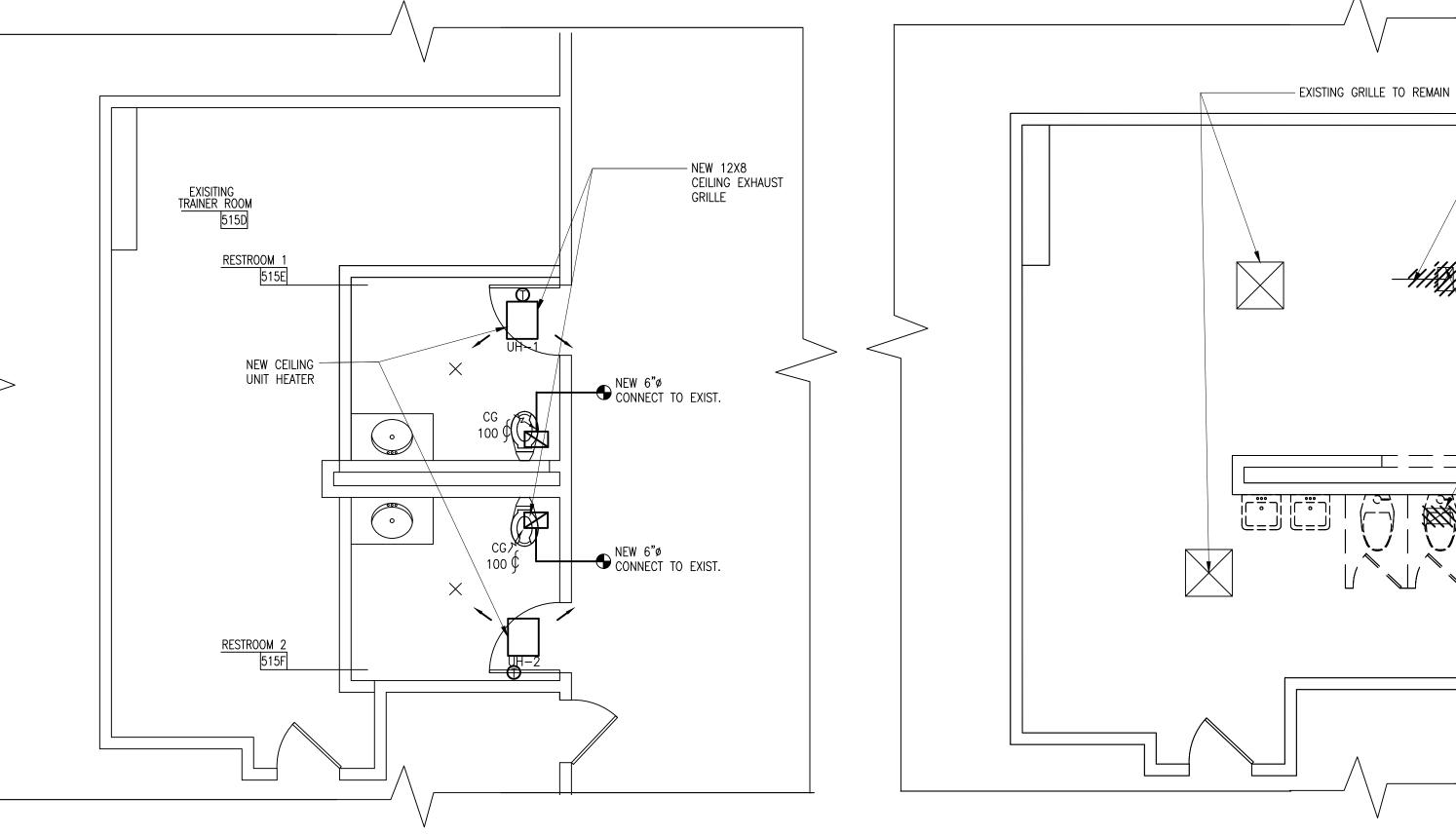


HVAC NOTES:

- PROVIDE LABOR, MATERIALS, TOOLS, MACHINERY, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE HVAC WORK UNDER THIS CONTRACT. ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETE IN EVERY ASPECT AND ALL ITEMS OF MATERIAL, EQUIPMENT AND LABOR SHALL BE PROVIDED FOR A FULLY OPERATIONAL SYSTEM AND READY FOR USE. COORDINATE THE WORK WITH THE WORK OF THE OTHER SUBCONTRACTORS IN ORDER TO RESOLVE ALL CONFLICTS WITHOUT IMPEDING THE JOB PROGRESS.
- . EXAMINE THE ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL DRAWINGS AND OTHER DIVISIONS, AND SECTIONS OF THE SPECIFICATIONS IN ORDER TO DETERMINE THE EXTENT OF THE WORK REQUIRED TO BE COMPLETED UNDER THIS DIVISION. FAILURE TO EXAMINE ALL THE CONTRACT DOCUMENTS FOR THIS PROJECT WILL NOT RELIEVE THIS CONTRACTOR OF HIS RESPONSIBILITIES TO PERFORM THE WORK REQUIRED FOR A COMPLETE FULLY OPERATIONAL AND SATISFACTORY INSTALLATION.
- THE WORK INCLUDES BUT IS NOT LIMITED TO THE DEPICTED SYSTEMS, EQUIPMENT AND SERVICES, AS SPECIFIED HEREIN.
- 4. START-UP SERVICES SHALL BE INCLUDED.
- . ALL SYSTEMS, EQUIPMENT AND SERVICES SPECIFIED HEREIN SHALL BE PROVIDED COMPLETE AND READY FOR USE. ALL EQUIPMENT, DUCTWORK, PIPING, DAMPERS, OUTLETS ARE NEW, FURNISHED AND INSTALLED BY THIS CONTRACTOR, UNLESS OTHERWISE NOTED.
- . DUCTWORK AND PIPING ARE SHOWN DIAGRAMMATICALLY AND DO NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF DUCTWORK AND PIPING TO AVOID OBSTRUCTIONS. EXACT LOCATIONS ARE SUBJECT TO APPROVAL OF ENGINEER. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER SUBCONTRACTORS IS REQUIRED. PROVIDE COORDINATION DRAWINGS SHOWING ALL TRADES WORK AND EXISTING CONDITION.
- INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES INVOLVING EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- . VERIFY FINAL LOCATIONS FOR ROUGH WORK WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT BEING CONNECTED.
- PROVIDE A COMPLETE SYSTEM OF VIBRATION ISOLATION FOR EACH ITEM OF HVAC EQUIPMENT AND APPARATUS AS SPECIFIED HEREIN, AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACE AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER IN THE INTERIOR OR THE EXTERIOR.
- ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY NYPL, OR AS NOTED TO BE RELOCATED ON THE DRAWINGS, AND SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT. BALANCED THE VARIOUS SYSTEMS. DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.
- ALL CONTROL WIRING SHALL BE DONE BY MECHANICAL CONTRACTOR, IN ACCORDANCE WITH SEQUENCE OF OPERATION, AS SPECIFIED, AND IN ACCORDANCE WITH MANUFACTURER'S CONTROL DATA.
- CONTRACTOR IS RESPONSIBLE TO ATTEND COORDINATION MEETING WITH ALL TRADES TO DETERMINE LOCATIONS OF DEVICES AND DISCOVER IF ANY CONFLICTS MAY EXIST.
- ALL PIPING EXPOSED OR INSULATED, DUCTWORK, CONDUIT AND CONTROL WIRING SHALL BE CONCEALED IN CEILINGS, WALLS AND FLOORS OR CONCEALED IN NEW SOFFITS OR FRAMED ENCLOSURES.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND COORDINATE THE WORK WITH OTHER TRADES.
- 2. THE FULL DEMOLITION SCOPE IS NOT SPECIFICALLY SHOWN ON THE DRAWINGS. PROVIDE DEMOLITION WORK CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK. SURVEY THE PREMISES TO ACCURATELY DETERMINE THE FULL SCOPE OF THE REMOVAL AND DISPOSAL WORK. NO ADDITIONAL PAYMENTS WILL BE MADE DUE TO CONTRACTOR'S FAILURE TO ADEQUATELY SURVEY THE PREMISES.
- 3. CONTRACTOR TO REMOVE AND PROPERLY DISPOSE OF EQUIPMENT FROM SITE INDICATED FOR DEMOLITION, UNLESS OTHERWISE DIRECTED BY THE AUTHORITY.
- 4. THE MECHANICAL CONTRACTOR SHALL PROVIDE POWER SUPPLIES, ELECTRICAL WIRING AND CONDUIT FOR POWER AND CONTROL TO PNEUMATIC OR MOTORIZED DAMPER AND VALVE OPERATORS, THERMOSTATS, AUTOMATIC CONTROL INSTRUMENTATION. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
- 5. FOR POWERED EQUIPMENT INTENDED FOR DEMOLITION, THE CONTRACTOR SHALL COORDINATE SHUT-OFF POWER SUPPLIES AND DISCONNECT SWITCHES ASSOCIATED WITH THE EQUIPMENT TO BE DISCONNECTED. RECONNECT ELECTRICAL POWER TO NEW EQUIPMENT AFTER INSTALLATION. PROVIDE ELECTRICAL MATERIAL AND LABOR AS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
- TEMPORARY SHUTDOWNS OF SERVICE OF EXISTING ELECTRICAL, STEAM, HEATING, AIR CONDITIONING AND VENTILATION SYSTEMS SHALL BE PERFORMED WITH A MINIMUM OF DISRUPTION OF SERVICE, HELD TO AN ABSOLUTE MINIMUM DURATION OF TIME, AND ONLY AFTER HAVING NOTIFIED THE BUILDING OPERATIONS MANAGEMENT AT LEAST TWO WEEKS IN ADVANCE AND HAVING RECEIVED THEIR PERMISSION IN WRITING, AT LEAST TWO WEEKS PRIOR TO THE SCHEDULED SHUTDOWN. COMMUNICATIONS SHALL BE RELAYED THROUGH THE OWNER'S REPRESENTATIVE.
- 7. PROVIDE MOTOR STARTERS AS REQUIRED FOR MECHANICAL EQUIPMENT.
- LOAD CALCULATIONS HAVE BEEN PERFORMED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING STANDARDS, SPECIFICALLY ASHRAE HANDBOOK -FUNDAMENTALS.
- 10. CONTRACTOR SHALL PERFORM ALL TESTS AND STARTUP PROCEDURES FOR EACH VENTILATION SYSTEM IN ACCORDANCE WITH THE MANUFACTURER AND SPECIFICATIONS.
- 11. ALL THERMOSTATIC CONTROLS SHALL BE TESTED FOR FUNCTIONALITY AND PROPER OPERATION AS REQUIRED BY NYS ECC.
- 12. ELECTRIC MOTORS SHALL COMPLY WITH THE REQUIREMENTS OF THE ENERGY POLICY ACT OF 1992 AS SHOWN IN ASHRAE 90.1-2007 TABLE #10.8.
- 13. PROVIDE EQUIPMENT MAINTENANCE MANUALS AND REQUIRED EQUIPMENT LABELS FOR ALL NEW MECHANICAL, ELECTRICAL AND SERVICE HOT WATER HEATING EQUIPMENT.
- 14. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO PROVIDE CONTROL WIRING. THE MECHANICAL CONTRACTOR SHALL ALSO PROVIDE ALL POWER SUPPLIES, ELECTRICAL WIRING AND CONDUIT FOR POWER AND CONTROL TO ALL VALVE OPERATORS, THERMOSTATS AND AUTOMATIC CONTROL INSTRUMENTATION. ELECTRICAL CONTRACTOR TO INSTALL AND ROUTE POWER WIRING FOR EACH MECHANICAL SYSTEM.
- 15. MOUNTING HEIGHTS FOR ASSOCIATED MECHANICAL THERMOSTAT CONTROLS, ETC. SHALL MEET THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES. MOUNTING HEIGHTS FOR ALL THERMOSTATS, ETC SHALL BE 48" AFF.
- 16. PATCH AND REPAIR EXISTING CEILING AT THE NEW UNIT HEATERS TO REPAIR ANY DAMAGE CAUSED BY THE WORK OR AS NECESSARY COMPENSATE FOR ANY DIFFERENCE IN THE SIZE OF THE UNIT HEATERS.



PARTIAL FIRST FLOOR PLAN - NEW WORK

PARTIAL FIRST FLOOR PLAN - DEMO

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

BRAKE HORSEPOWER

DECIBELS

EXISTING

EXISTING

FEET

GAUGE

HERTZ

IN WG INCH WATER GAUGE

KILOWATT

METER

MAXIMUM

MINIMUM

1000 BTU/H

NOT APPLICABLE

OUTSIDE DIAMETER

STATIC PRESSURE

UP THROUGH ROOF

WITH

STAINLESS STEEL

REVOLUTIONS PER MINUTE

TESTING, ADJUSTING, BALANCE

UNLESS OTHERWISE NOTED

NOT TO SCALE

OUTSIDE AIR

MOTORIZED DAMPER

MOTOR HORSEPOWER

FAHRENHEIT

HORSEPOWER

INSIDE DIAMETER IN WC INCH WATER COLUMN

> KILOWATT HOUR LINEAR FOOT (FEET)

FRESH AIR INTAKE

GALLONS PER MINUTE

CUBIC FEET PER MINUTE

BRITISH THERMAL UNIT PER HOUR

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

CFM

DB

EX. (E)

GA

GPM

KWH

MD

UON

UTR

W/

HVAC SYMBOLS **ABBREVIATIONS** ABOVE FINISHED FLOOR TEMPERATURE SENSOR/THERMOSTAT

DEMOLISH POINT OF CONNECTION POINT OF DISCONNECT

SECTION A-A

GENERAL SYMBOLS

(UH REFERS TO UNIT HEATER) (AC REFERS TO SPLIT A/C UNIT) (RTU REFERS TO ROOFTOP UNIT)

ELECTRICAL WIRING AND CONTROL:

- . MECHANICAL CONTRACTOR SHALL PROVIDE TRANSFORMERS AND MAKE ALL CONNECTIONS TO MOTORIZED DAMPERS, DIFFUSERS AND REMOTE TEMPERATURE ADJUST UNITS. COORDINATE WORK WITH OTHER TRADES. GENERALLY ALL LOW VOLTAGE WIRING SHALL BE BY MECHANICAL CONTRACTOR, AND ALL HIGH VOLTAGE WIRING (120V AND HIGHER), SHALL BE BY ELECTRICAL CONTRACTOR (TYP., U.O.N.).
- 2. ALL CONTROL WIRING SHALL BE DONE ACCORDING TO SEQUENCE OF OPERATION, AS SPECIFIED, AND IN ACCORDANCE WITH MANUFACTURER CONTROL DATA.
- 3. ALL DISCONNECT SWITCHES AND STARTERS SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH ELECTRICAL PLAN FOR SIZES.

BUILDING DEPARTMENT NOTES:

- THE FOLLOWING NOTES SHALL APPLY THROUGHOUT:
- PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK.
- 2. THESE DRAWINGS HAVE BEEN PREPARED BY OR AT THE DIRECTION OF THE UNDERSIGNED AND TO THE BEST OF THE UNDERSIGNED'S KNOWLEDGE, INFORMATION AND BELIEF MEET THE REQUIREMENTS OF THE BUILDING CODE.
- ALL NEW WORK SHALL COMPLY WITH NEW YORK STATE MECHANICAL CODE PLUMBING CODE, BUILDING CODE & IECC. ALL NEW WORK SHALL MEET GUIDELINES OUTLINED IN THE CITY OF YONKERS GREEN DEVELOPMENT STANDARD.
- APPLICATION.

Db DRY-BULB TEMPERATURE NEW CEILING UNIT HEATER DEG DEGREE DIA, Ø DIAMETER

- 1. WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE
- 4. NO CHANGE IN USE EGRESS OR OCCUPANCY GROUP PROPOSED UNDER THIS

REQUIRED VENTILATION SCHEDULE MIN. VENTILATION REQUIRED ACTUAL OUTSIDE AIR BY CODE OR EXHAUST AIR EXHAUST AIR(WHERE NOTED) (WHERE NOTED) OCCUPANCY AREA (SQ. FT.) **CLASSIFICATION FUNCTION** CFM TOILET RM #1 TOILET 70 (a) 100 (b) 100 (b) TOILET RM #2 TOILET 70 (a)

(a) - CODE REQUIRED EXHAUST FOR TOILET ROOMS, 70 CFM PER WATER CLOSET/URINAL

(b) - ACTUAL EXHAUST AIRFLOW SHOWN.

E)	LECTRIC	U	NIT	HEA	ATER	SCH	EDU	JLE						
						ELECTR	RIC DATA							
UNIT No.	LOCATION	QTY	KW	BTU/HR	INLET CFM	VOLTS	PHASE	HZ	AMPS	TEMP RISE	AIR THROW	WEIGHT (LBS)	MANUFACTURER & MODEL	REMARKS
UH-1 & 2	CLGRECESSED	2	1.5	5,120	300	120	1	60	6.7	42°F	16'	27	EFF1500 BY QMARK	NOTES 1,2,3,4,5
NOTES:					•									

PROVIDE DISCONNECT SWITCH, THERMAL CUTOUT, STARTERS, CONTROL DEVICES AND WIRING AS REQUIRED.

. PROVIDE WALL MOUNTED THERMOSTAT AT 48" AFF FOR EACH UNIT HEATER, TAMPER RESISTANT TYPE. . PROVIDE VIBRATION ISOLATORS WITH WALL/CEILING MOUNT BRACKET AND ASSOCIATED SUPPORTS.

4. PROVIDE ASSOCIATED RECESSED MOUNT FRAME AND TRIM KIT. OR APPROVED EQUAL.

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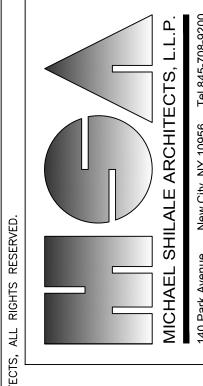
- DEMO PORTION OF DUCT

- DEMO EXISTING

12X8 GRILLE

NORTH ROCKLAND
RESTROOM AND SI
IMPROVEMENTS
SED # 50-02-01-06-0-016-1

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CHANICAL PLAN AND ETAILS MECI ART DE

ABBREVIATIONS

A.F.F. ABOVE FINISHED FLOOR A.H.J. AUTHORITY HAVING JURISDICTION CL OR Q CENTER LINE CLG. CEILING COL. COLUMN CONN. CONNECTION CONT. CONTINUED DIA., Ø DIAMETER DN. DOWN DWG. DRAWING **EXISTING** ELEV. ELEVATION F.F./FIN. FLR. FINISHED FLOOR FLR. **FLOOR** G.P.M. GALLONS PER MINUTE G.P.H. GALLONS PER HOUR MAX. MAXIMUM MIN. MINIMUM NORMALLY CLOSED N.I.C. NOT IN CONTRACT

NOT TO SCALE

SQUARE FEET

POUNDS PER SQUARE INCH

PRESSURE

STANDARD

DRAIN PIPE

HORSE POWER

OUTSIDE DIAMETER

VERIFY IN FIELD

ON CENTER

TYPICAL

N.T.S.

P.S.I.

STD.

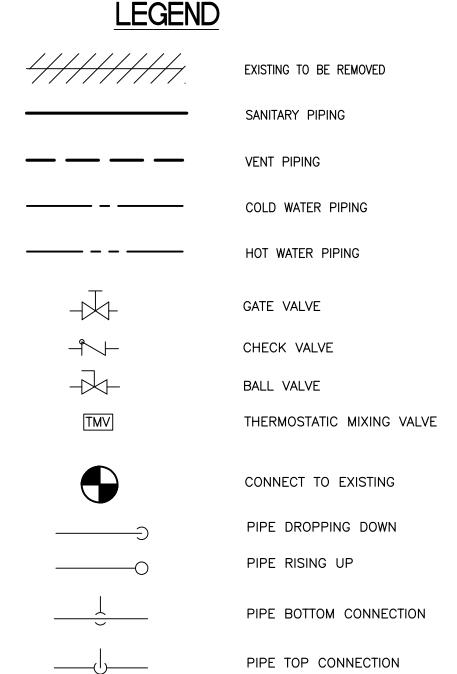
TYP.

OD

V.I.F.

PRESS.

S.F./SQ. FT.



DETAIL 3, DRAWING P-5

GENERAL DEMOLITION NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION OF ALL MATERIALS, PIPING AND APPURTENANCES AS DEPICTED ON THE DEMOLITION DRAWINGS. ADDITIONALLY THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE DEMOLITION OF ANY ADDITIONAL MATERIALS, EQUIPMENT, PIPING ETC. NOT ACCURATELY OR COMPLETELY SHOWN ON THE DEMOLITION DRAWINGS THAT MAKE UP OR ARE AN APPURTENANCE OR COMPONENT OR THE MAJOR EQUIPMENT, SYSTEM, PIPING, ETC. DESIGNATED TO BE DEMOLISHED.
- 2. ALL PIPING AND APPURTENANCES DEPICTED ON THE DEMOLITION DRAWINGS THAT ARE NOT PART OF THE ACTUAL DEMOLITION WORK ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY ALL DEMOLITION WORK IN THE FIELD PRIOR COMMENCEMENT OF DEMOLITION, AND REPORT ANY AND ALL DISCREPANCIES TO THE SITE CONSTRUCTION MANAGER
- 3. THE CONTRACTOR WILL OBTAIN THE OWNER'S PERMISSION IN WRITING PRIOR TO DISPOSING OF ANY SALVAGEABLE MATERIALS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ERECTION OF ALL TEMPORARY SCAFFOLDING, DUNNAGE STEEL, MATERIAL CHUTES, ETC.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND TEMPORARY STORAGE OF ALL EQUIPMENT, PIPING, COMPONENTS AND APPURTENANCES OF ALL DEMOLISHED MATERIALS. THE CONTRACTOR SHALL DETERMINE THE SEQUENCE OF REMOVAL, MEANS OF EQUIPMENT EGRESS, AS WELL TEMPORARY LAY DOWN AREAS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS REQUIRED FOR REMOVAL AND/OR STORAGE OF THE DEMOLISHED MATERIALS (INCLUDING ALL HAZARDOUS MATERIALS). ALL DEBRIS SHALL BE LEGALLY DISPOSED. THE CONTRACTOR WILL PROVIDE ALL DEMOLITION CONTAINERS AND DUMPSTERS AS REQUIRED.
- 7. CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION AREA IN ACLEAN AND ORDERLY CONDITION WITH DAILY REMOVAL OF ALL DEBRIS. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING EQUIPMENT, PIPING, COMPONENTS, ETC. NOT DESIGNATED FOR
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SUPPORTS. ELECTRICAL AND WATER SERVICES AS REQUIRED TO PERFORM THE DEMOLITION
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE TO ERECT ALL BARRIERS, BRACING, DUSTPROOF PARTITIONS, FENCES AND WARNINGS SIGNS AS REQUIRED TO ENSURE THE SAFETY AND PREVENT INJURY AND INCONVENIENCE TO THE GENERAL PUBLIC.

GENERAL NOTES:

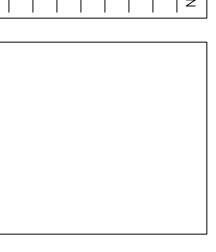
- CONTRACTOR TO COMPLY WITH THE LATEST NYS BUILDING CODE AND ADAPTED APPENDICES, LOCAL PLUMBING CODES AND ALL AUTHORITIES HAVING JURISDICTION.
- PROVIDE LABOR, MATERIALS, TOOLS, MACHINERY, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT. ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETE IN EVERY ASPECT AND ALL ITEMS OF MATERIAL, EQUIPMENT AND LABOR SHALL BE PROVIDED FOR A FULLY OPERATIONAL SYSTEM AND READY FOR USE. COORDINATE THE WORK WITH THE WORK OF THE OTHER TRADES IN ORDER TO RESOLVE ALL CONFLICTS WITHOUT IMPEDING THE JOB PROGRESS.
- EXAMINE THE DRAWINGS AND OTHER DIVISIONS, AND SECTIONS OF THE SPECIFICATIONS IN ORDER TO DETERMINE THE EXTENT OF THE WORK REQUIRED TO BE COMPLETED UNDER THIS DIVISION. FAILURE TO EXAMINE ALL THE CONTRACT DOCUMENTS FOR THIS PROJECT WILL NOT RELIEVE THIS SECTION AND ANY OTHER SECTIONS OF THEIR RESPONSIBILITIES TO PERFORM THE WORK REQUIRED FOR A COMPLETE FULLY OPERATIONAL AND SATISFACTORY INSTALLATION.
- 4. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS. EQUIPMENT AND SERVICES, AS SPECIFIED HEREBY. START-UP SERVICES SHALL BE INCLUDED IN THE BID.
- 5. ALL SYSTEMS, EQUIPMENT AND SERVICES SPECIFIED HEREIN SHALL BE PROVIDED COMPLETE AND READY FOR USE. ALL EQUIPMENT, PIPING, ARE NEW, FURNISHED AND INSTALLED BY THIS CONTRACTOR. UNLESS OTHERWISE NOTED.
- 6. INSTALL ACCESS FOR SERVICING AND MAINTENANCE. COORDINATE THE FINAL LOCATION OF CONCEALED EQUIPMENT AND DEVICES REQUIRING ACCESS WITH FINAL LOCATION OF ACCESS PANELS AND DOORS. ALLOW AMPLE SPACE FOR REMOVAL OF ALL PARTS THAT REQUIRE REPLACEMENT OR SERVICING.
- VERIFY FINAL LOCATIONS FOR ROUGH WORK WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT BEING CONNECTED.
- 8. PIPING ARE SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF PIPING TO AVOID OBSTRUCTIONS. EXACT LOCATIONS ARE SUBJECT TO APPROVAL OF ARCHITECT. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER TRADES IS REQUIRED.
- ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER AND ALL COMPONENTS TO ALLOW FOR INSTALLATIONS.
- 10. COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SIZE OF SLEEVES TO BE SET IN POURED CONCRETE AND OTHER STRUCTURAL COMPONENTS AS THEY ARE CONSTRUCTED.
- 11. COORDINATE THE INSTALLATION OF MATERIALS AND EQUIPMENT ABOVE GRADE WITH MECHANICAL AND SUPPRESSION SYSTEM, LIGHT FIXTURES, AND ALL OTHER INSTALLATIONS AND ACCESSORIES.
- 12. PROVIDE EQUIPMENT AND SYSTEMS THAT, AS DEFINED HEREIN, SHALL BE QUIET AND FREE OF APPARENT VIBRATION IN OPERATIONS.
- 13. OBTAIN EQUIPMENT THAT IS QUIET IN OPERATION AS COMPARED TO OTHER AVAILABLE EQUIPMENT OF ITS SIZE, CAPACITY, AND TYPE; INSTALL EQUIPMENT SO THAT A MINIMUM AMOUNT OF NOISE AND/OR VIBRATION IS TRANSMITTED TO THE BUILDING; AND FABRICATE THE DUCT SYSTEM SO THAT AIR NOISES GENERATED IN THE SYSTEM ARE HELD TO AN ABSOLUTE MINIMUM.
- 14. PROVIDE A COMPLETE SYSTEM OF VIBRATION ISOLATION FOR EACH ITEM OF HVAC EQUIPMENT AND APPARATUS AS SPECIFIED HEREIN, AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- 15. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES INVOLVING EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- 16. THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACE AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER IN THE INTERIOR OR THE EXTERIOR.
- 17. SEAL OPENINGS AROUND PIPING THROUGH PARTITIONS, AND WALLS WITH MINERAL WOOL OR OTHER NONCOMBUSTIBLE MATERIAL.
- 18. ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY THE BUILDING REPRESENTATIVE, ARCHITECT OR AS NOTED TO BE RELOCATED ON THE DRAWINGS SHALL BE PROPERLY DISPOSED OF BY THIS CONTRACTOR.
- 19. THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT. BALANCED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.
- 20. CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL FOR ALL SYSTEMS.
- 21. PRESSURE TEST WATER SUPPLY SYSTEM 1 1/2 TIMES WORKING PRESSURE FOR

PLUMBING INSTALLATION NOTES:

- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING WORK. REFER PROBLEMATIC CONDITIONS TO ENGINEER
- 2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK. BASIC DESIGN CONCEPTS INDICATED ARE MINIMAL AND MUST BE FOLLOWED OR BETTERED. DO NOT SCALE DRAWINGS.
- 3. WORK IS NOT SHOWN IN FINITE DETAIL BUT IS INTENDED TO INCLUDE ITEMS NECESSARY FOR COMPLETION AND PROPER OPERATION.
- 4. PROVIDE REQUIRED SUPPORTS AND HANGERS FOR PIPING, FIXTURES AND EQUIPMENT, SO LOADING WILL NOT EXCEED ALLOWABLE LOADINGS.
- 5. ALL SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
- 6. FIXTURES (GENERAL): TO COMPLETE WITH TRIMMINGS AND FITTINGS, INCLUDING FAUCETS, SUPPLIES, STOPS, TRAPS, TAILPIECES, WASTE PLUGS, CASINGS, HANGERS, PLATES, BRACKETS, ANCHORS, SUPPORTS, HARDWARE AND FASTENING DEVICES.
- 7. WHERE FIXTURES OR TRIM ARE DAMAGED OR BROKEN DURING THE INSTALLATION, THEY SHALL BE REPLACED WITH NEW FIXTURES.
- 8. EXAMINE ROUGH-IN WORK OF POTABLE WATER AND WASTE PIPING SYSTEMS TO VERIFY ACTUAL LOCATIONS OF PIPING CONNECTIONS PRIOR TO INSTALLING FIXTURES. CORRECT ANY INCORRECT LOCATION OF PIPING, AND OTHER UNSATISFACTORY CONDITIONS FOR INSTALLATION OF PLUMBING FIXTURES.
- 9. EXERCISE CARE IN HANDLING OF FIXTURES, TRIM, PIPE, AND FITTINGS. USE TOOLS DESIGNED TO PREVENT DAMAGE TO SURFACE FINISHES.
- 10. SET FIXTURES LEVEL AND UNIFORMLY, WITH CONNECTIONS AT RIGHT ANGLES TO WALL AND PROPERLY CENTERED. LAY OUT ROUGHING ACCURATELY AND IN COORDINATION WITH SPACE AND FINISH REQUIREMENTS. IF FIELD CUT-OUTS AND HOLES ARE REQUIRED, USE PROPER CUTTING AND DRILLING TOOLS TO MAINTAIN INTEGRITY OF FINISHED SURFACE.
- 11. LOCATE WASTE OUTLETS AND WATER SUPPLIES AT CONSTANT HORIZONTAL LEVELS, WITH WASTE OUTLET CENTERED ON FIXTURE DRAIN CONNECTION AND WATER SUPPLIES SPACED EQUALLY RIGHT.
- 12. SUPPORT WALL HUNG FIXTURES RIGIDLY FROM BUILDING CONSTRUCTION, NOT FROM PIPING, BY MEANS OF CONCEALED METAL SUPPORTING MEMBERS DESIGNED TO CARRY WEIGHT OF FIXTURE UNDER CONDITIONS OF UNUSUAL LOADING, WITH NO STRESS PLACED ON WASTE CONNECTION OR ANY OTHER PART OF SYSTEM.
- 13. SECURE FLOOR MOUNT SUPPORTS TO SLAB. SECURE WALL MOUNT SUPPORTS TO 1/4" THICK METAL BACKUP PLATE SECURED TO WALL CONSTRUCTION. DO NOT USE WIRE, NAILS, OR OTHER MAKESHIFT DEVICES TO SECURE SUPPORTING MEMBERS.
- 14. USE VANDAL PROOF DEVICES TO SECURE FIXTURES, TRIMMINGS AND FITTINGS TO DETER UNAUTHORIZED REMOVAL. PROVIDE CHROME PLATED BRASS WASHERS AND CAP NUTS FOR EXPOSED BOLT ENDS.
- 15. PROVIDE ESCUTCHEONS, THREADED OR HELD IN PLACE WITH THREADED PART OR SET SCREW. ON PIPING AND FIXTURE SUPPORTS PROTRUDING FROM WALL OR FLOOR, AND ON VISIBLE CONNECTIONS TO FIXTURES.
- 16. MAKE CONNECTION BETWEEN INTEGRAL TRAPPED FIXTURES AND DRAINAGE PIPING GAS AND WATERTIGHT. WITH CLOSET COUPLING OR FLANGE. CLOSET RING GASKET AND NON-CORROSIVE BOLTING MATERIALS.
- 17. USE SPACING DEVICES TO SUPPORT AND STABILIZE WATER PIPING.
- 18. PAINT NON-CORROSIVE FERROUS METAL SURFACES OF FIXTURES, INCLUDING BRACKETS, HANGERS, AND PLATES WITH PRIME COAT OF PAINT.
- 19. UPON COMPLETION OF WORK, REMOVE PROTECTIVE COVERS AND THOROUGHLY CLEAN SURFACES, TRAPS AND STRAINERS. CHECK ALL ITEMS FOR PROPER

- 20. ADJUST FLUSH VALVES TO PROVIDE MINIMUM FLOW CONSISTENT WITH CLEANING REQUIREMENTS OF FIXTURES. ADJUST SUPPLIES TO PROVIDE ADEQUATE FLOW WITHOUT SPLASHING, AND WITH FLOW RATE OF HOT AND COLD WATER EQUAL IN VELOCITY, EXCEPT AS OTHERWISE REQUIRED.
- 21. TEST PLUMBING SYSTEMS TO SATISFACTION OF BUILDING OFFICIAL. DO NOT CLOSE IN, CONCEAL, OR COVER UP ANY PLUMBING WORK UNTIL IT HAS BEEN TESTED, INSPECTED AND APPROVED.
- 22. FLUSH PIPING, PRIOR TO TESTING, TO REMOVE FOREIGN MATERIALS WHICH MAY HAVE ENTERED DURING COURSE OF INSTALLATION. CLEAN FILTERS AND STRAINERS AFTER FLUSHING.
- 23. ALL PIPING PENETRATIONS THRU NEW RATED WALLS SHALL BE SEALED WITH LISTED FIREPROOFING MATERIALS.
- 24. ITEMS NEEDING SAWCUTTING AND PATCHING SHALL BE COORDINATED BETWEEN TRADES. ONLY MAJOR PIECES ARE SHOWN ON DRAWINGS AND DO NOT INDICATE ALL LOCATIONS. PLUMBER SHALL BE RESPONSIBLE FOR CONCEALING ALL NEW WORK, UNLESS NOTED OTHERWISE.
- 25. SET AND CONNECT ALL FIXTURES WITH HOT AND COLD WATER, VENT AND DRAINAGE AS REQUIRED AND PROTECT FIXTURES UNTIL FINAL ACCEPTANCE AND
- 26. FIXTURES SHALL BE COMPLETE WITH CHROME PLATING ON EXPOSED IRON ON PIPE, TRAPS, ANCHOR BOLTS, HANGERS, STRAINERS, STOP VALVES AT EVERY FIXTURE AND OTHER INCIDENTAL ITEMS FURNISHED AS STANDARD.
- 27. ALL FIXTURES SHALL BE CAULKED TIGHT TO WALLS AND FINISHED SURFACES SO THAT NO VOIDS SHALL REMAIN.
- 28. ALL PLUMBING FIXTURE'S BACK PLATES AND ESCUTCHEONS RECTANGULAR IN NATURE SHALL BE INSTALLED FLUSH WITH THE WALL SURFACE. THE VERTICAL EDGE SHALL BE INSTALLED IN A VERTICAL POSITION PERPENDICULAR TO A HORIZONTAL PLANE AND THE HORIZONTAL EDGE SHALL BE INSTALLED IN A HORIZONTAL (LEVEL) POSITION.
- 29. PROVIDE ACCESSIBLE CLEANOUTS AT BASE OF EACH VERTICAL WASTE OR SOIL STACK AND STORM LEADERS; AT ENDS OF HORIZONTAL DRAINAGE PIPING RUNS AND AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES; NOT MORE THAN 50 FEET APART ON PIPING 4" AND SMALLER AND NOT MORE THAN 100 FEET APART ON PIPING LARGER THAN 4": AT JUNCTION OF BUILDING DRAIN WITH BUILDING SEWER.
- 30. TERMINATE VENT PIPING AT LEAST 12" ABOVE ROOF SURFACE GENERALLY: AT LEAST 24" ABOVE ANY WINDOW, DOOR, OR OTHER VENTILATING OPENING WITHIN 10 FFFT HORIZONTALLY OF SUCH VENT: AT LEAST 7 FEET ABOVE ROOF ADJACENT TO WALKWAYS AND OTHER HABITABLE AREAS.
- 31. LOCATE WALL HYDRANTS AND LAWN FAUCETS AT LEAST 18" ABOVE GRADE.
- 32. ALL EQUIPMENT SHOWN ON THESE DRAWINGS AND IN PROJECT SPECIFICATION IS BASED UPON SPECIFIED MANUFACTURERS ANY MODIFICATION AND/OR SUBSTITUTION OF SAID EQUIPMENT IS SUBJECT TO COMPLETE COORDINATION OF ALL CONNECTIONS, SERVICES, OPENING SIZES AND OTHER CONSTRUCTION RELATED REQUIREMENTS BY THE TRADE CONTRACTOR PROVIDING THE EQUIPMENT.

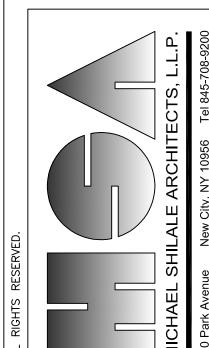
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Mechanical & Electrical Engineer:	Structural Engineer:

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LUMBING ENERAL NOTES

PLUMBING FIXTURE SCHEDULE <u>COLD</u> <u>WATER</u> SOIL OR WASTE <u>REMARKS</u> **SPECIFICATIONS** FIXTURE NOTE WATER <u>TAGS</u> **DESCRIPTION** <u>VENT</u> WATER CLOSET AMERICAN STANDARD "MADERA" 3461001.020 WHITE VITREOUS CHINA, 17" RIM HEIGHT, 1.28 GALLONS PER FLUSH, WALL MOUNTED, ELONGATED BOWL SET AT REQUIRED <u>P-1A</u> (HANDICAPPED FACILITY) HANDICAPPED HEIGHT DESIGN, SIPHON JET FLUSHING WITH 1½" TOP SPUD, OPEN FRONT SEAT WITH CHECK HINGE. INSTALL WITH SLOAN 8111—1.28 OPTIMA PLUS G2 WATER CLOSET FLUSHOMETER, SENSOR OPERATED, BATTERY POWERED. INTEGRATED MOLDED LAVATORY WITH 4" CENTERS, CONCEALED ARM SUPPORT, K-8998 OFFSET P-TRAP, OVERFLOW. INSTALL WITH BRADLEY LAVATORY - WALL SET AT REQUIRED 1½" LAVATORY SHALL AERADA 1200 SERIES INFRARED CONTROL 4" CENTERSET LEAD-FREE FAUCET COMPLETE WITH 0.5 GPM PRESSURE-COMPENSATING <u>P-2A</u> MOUNTED HANDICAPPED HEIGHT ACCOMMODATE CUSTOM VANDAL-RESISTANT AERATOR. VANITY BY ARCHITECT JAY R. SMITH MODEL 2005 DUCO CAST IRON BODY WITH FLASHING COLLAR AND ADJUSTABLE STRAINER HEAD. 3" OUTLET WITH 5" ROUND FLOOR DRAIN _ STRAINER HEAD. BRONZE STRAINER.

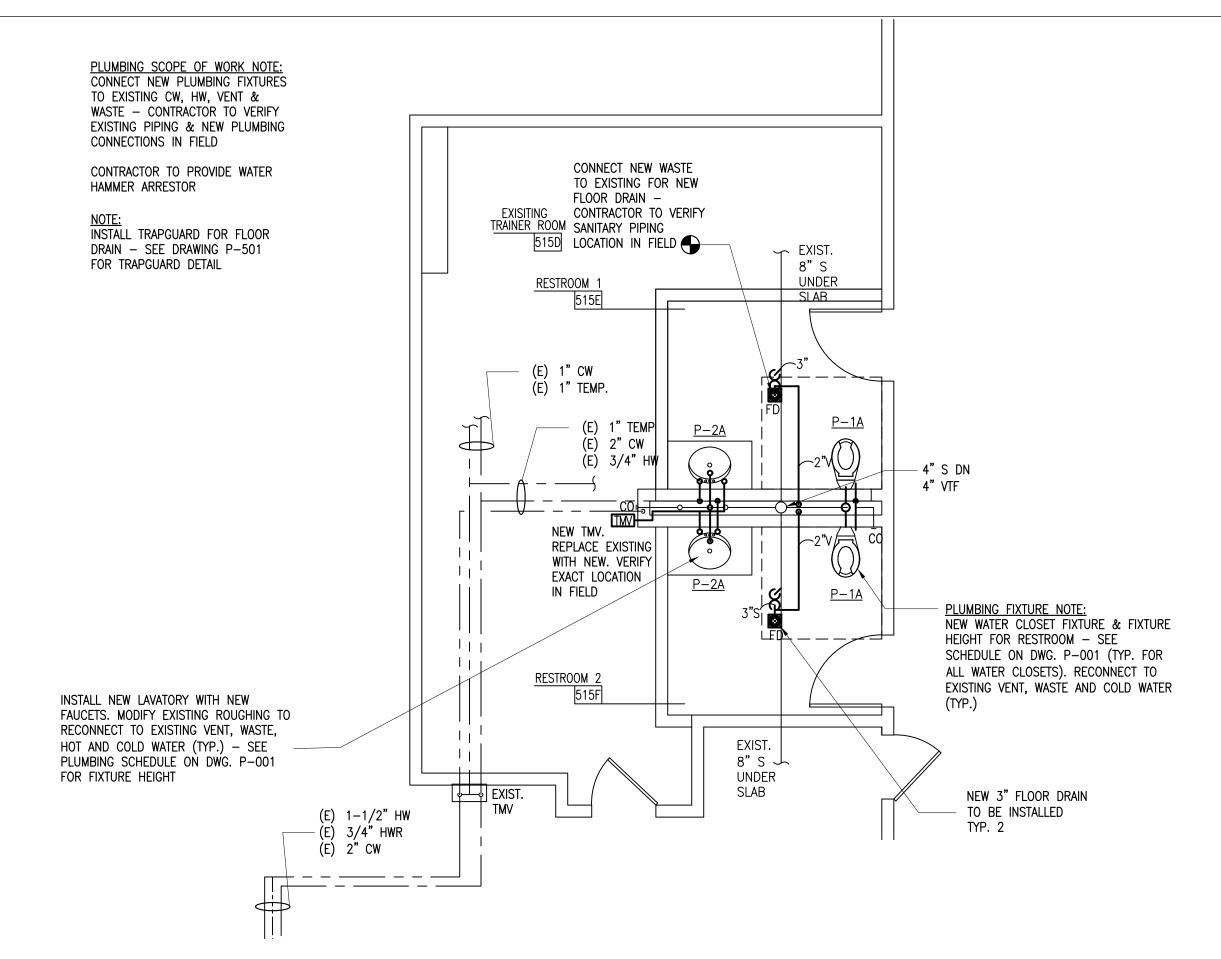
2 HR MIN.

ALL PLUMBING FIXTURES MODEL NUMBERS USED ARE AS PER MANUFACTURERS SPECIFICATIONS. FIXTURES OF EQUAL QUALITY AND PERFORMANCE BY AMERICAN STANDARD, TOTO, KOHLER, GERBER, JR. SMITH, WOODFORD, OR OTHERS WILL BE ACCEPTABLE. ALL FIXTURES TO BE WHITE UNLESS OTHERWISE NOTED. PLUMBING FIXTURES WATER USAGE REQUIREMENTS TO FOLLOW NYS SED AND LATEST NYS CODES.

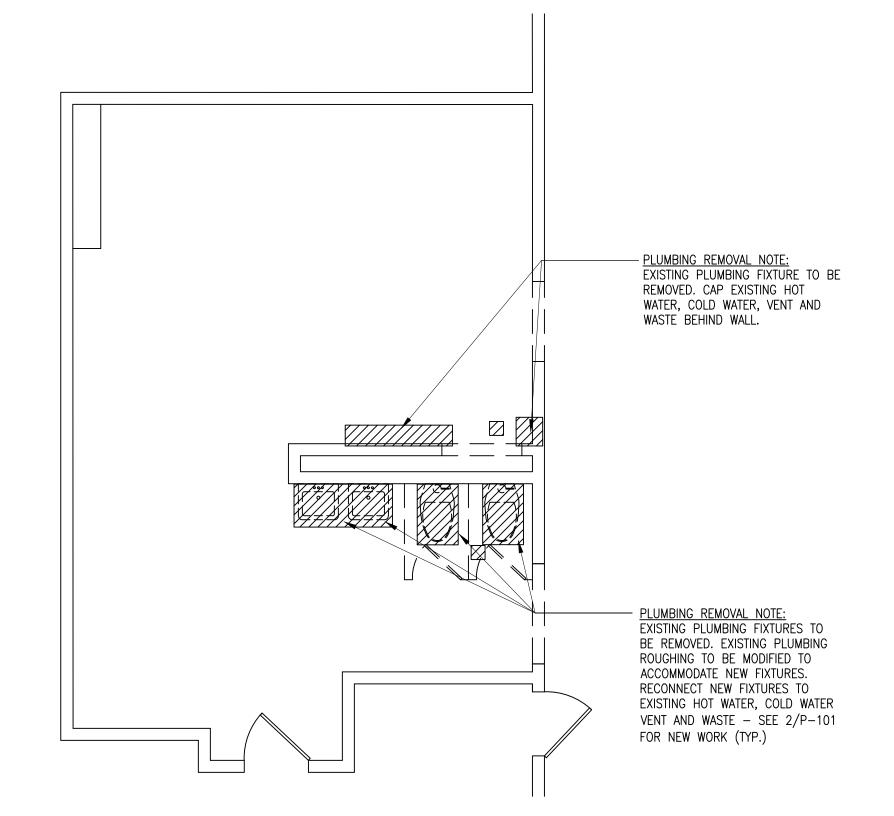
CONTRACTOR TO FURNISH COVERS OVER WATER SUPPLY AND DRAIN PIPES AT ACCESSIBLE LAVATORIES AND SINKS AND TO PROTECT AGAINST CONTACT. PIPE COVERINGS SHALL COMPLY WITH ASME A112.18.9



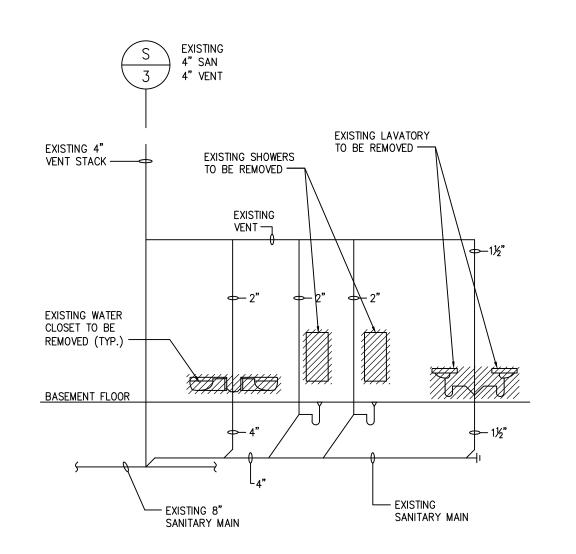
- 1. REMOVE PLUMBING PIPING, FIXTURES, TRIM, FAUCETS, FLUSH VALVES, TRAPS ETC., AS INDICATED BY CROSSHATCHING.
- 2. THE SCOPE OF DEMOLITION WORK HAS BEEN INDICATED FOR THE CONTRACTOR'S GENERAL INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE FULL SCOPE, EXTENT, NATURE AND MANNER OF DEMOLITION REQUIRED.
- 3. ONLY WORKMEN SKILLED AND KNOWLEDGEABLE IN THEIR RESPECTIVE TRADES SHALL BE EMPLOYED IN THE DEMOLITION.
- 4. CONTRACTORS SHALL TAKE SPECIAL CARE TO DEMOLISH ONLY THAT WORK WHICH IS REQUIRED TO BE DEMOLISHED AND NOT TO DISTURB ANY WORK WHICH IS TO REMAIN. IF IN THE COURSE OF THE DEMOLITION, THE CONTRACTOR DESTROYS OR DISTURBS ANY WORK WHICH IS TO REMAIN, THEN HE SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE SUCH WORK AS NECESSARY.
- 5. THE CONTRACTOR SHALL REMOVE AND DISCARD ALL DEMOLISHED ITEMS IN A MANNER APPROVED BY THE CITY OF YONKERS AND ANY OTHER GOVERNMENT AGENCY.
- 6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS PRIOR TO SUBMITTING BIDS AND SHALL REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
- 7. ALL BUILDING DEPARTMENT PERMITS SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK.
- 8. PLUMBING CONTRACTOR SHALL VISIT THE PREMISES PRIOR TO SUBMITTING HIS PROPOSAL AND EXAMINE THE EXISTING AREAS BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THIS WORK.
- 9. CAP AND SEAL WASTE PIPING AT FITTING NEAREST ACTIVE BRANCH OR MAIN PIPE TO REMAIN.
- 10. CONTRACTOR SHALL REPAIR DAMAGED OR REMOVED FIREPROOFING RELATED TO HIS WORK.
- 11. EQUIPMENT TO REMAIN SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION.
- 12. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR THE NUMBER OF PLUMBING FIXTURES TO BE REMOVED AND EXACT LOCATION OF PLUMBING FIXTURES.



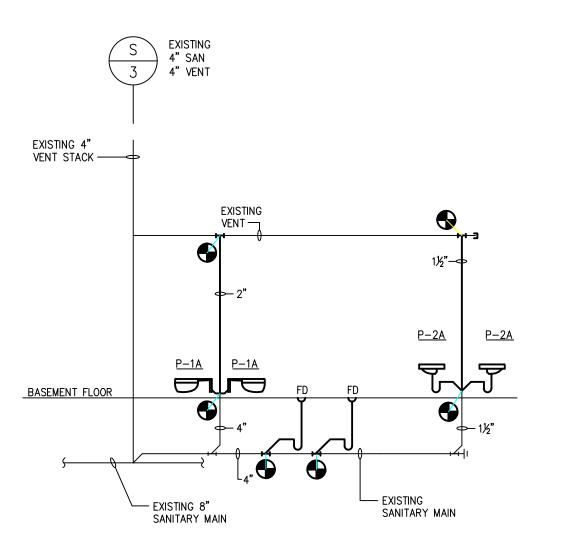
2 BASEMENT PART PLAN - PLUMBING NEW WORK
SCALE: 1/4"=1'-0"



1 BASEMENT PART PLAN - PLUMBING DEMOLITION WORK SCALE: 1/4"=1'-0"



3 PLUMBING RISER DIAGRAM - REMOVALS SCALE: N.T.S.

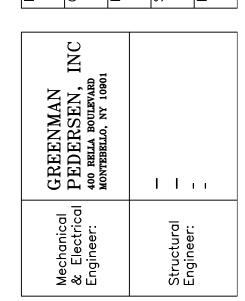


4 PLUMBING RISER DIAGRAM - NEW WORK SCALE: N.T.S.

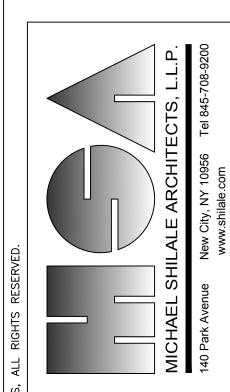
3 12–16–21 ISSUED FOR BID
2 11–19–21 SED ADDENDUM 1
1 9–22–21 BIDDING DOCUMENTS
No. Date Revisions



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Scale AS NOTED Date

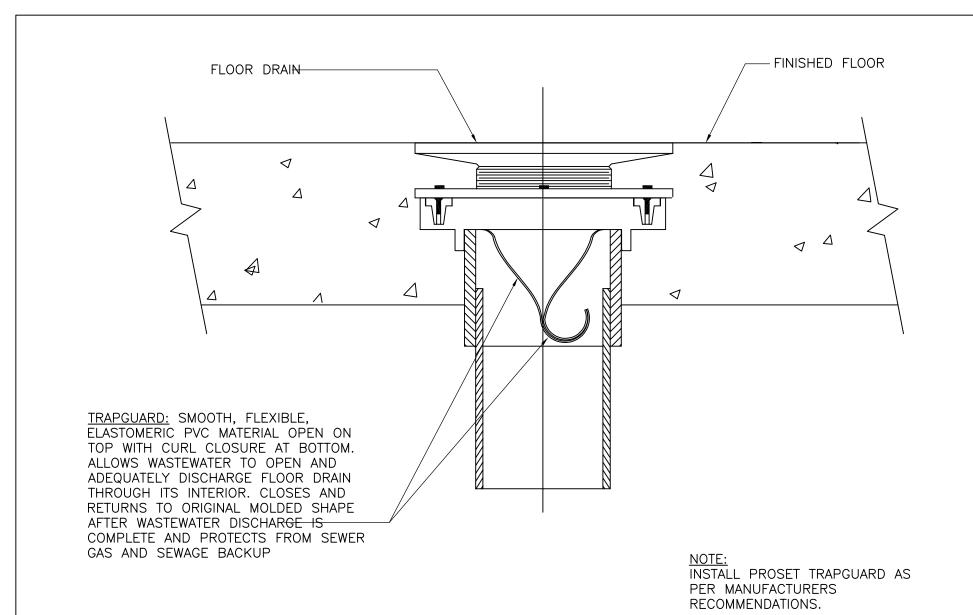


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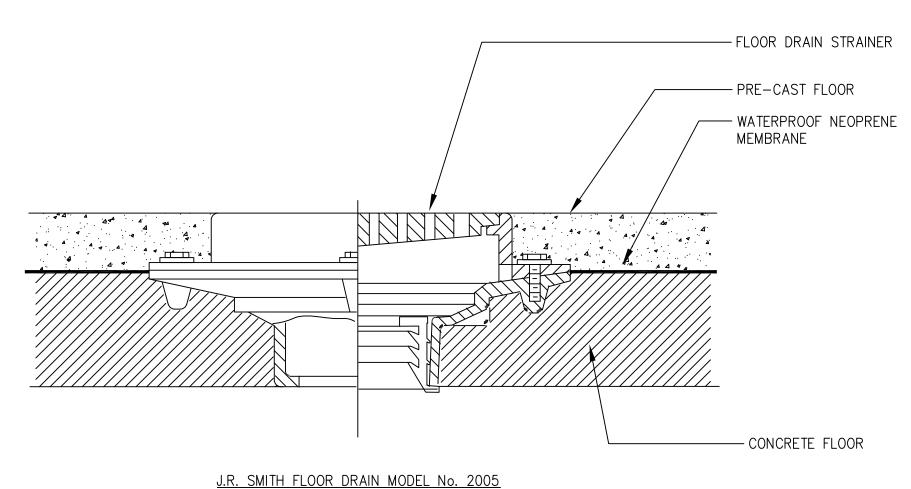


PART PLANS & RISER DIAGRAMS

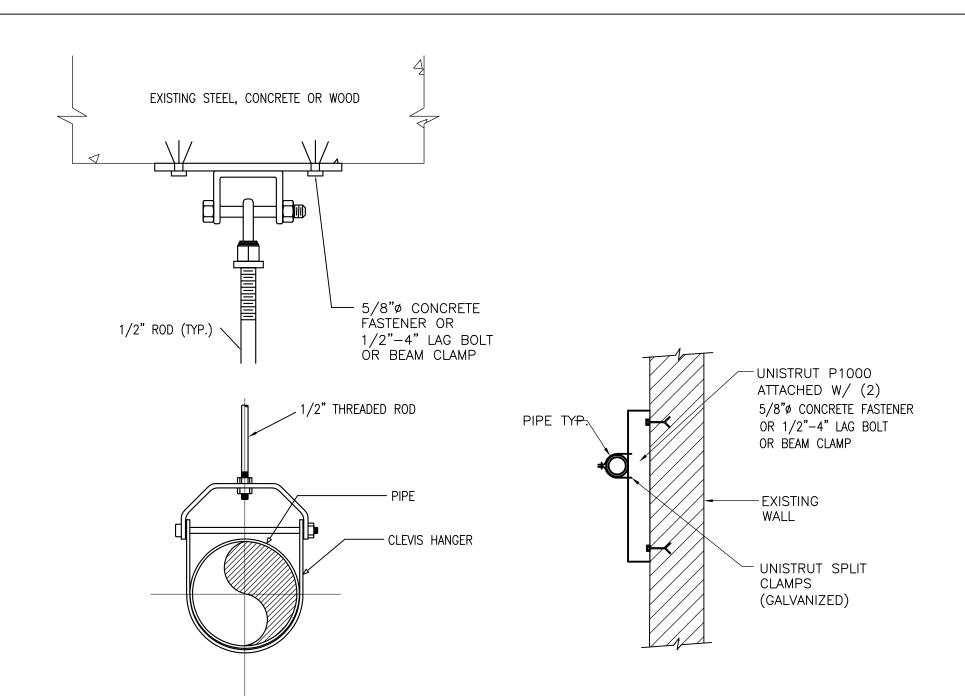
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FLOOR DRAIN TRAPGUARD DETAIL 6 FLOOR D SCALE: N.T.S.

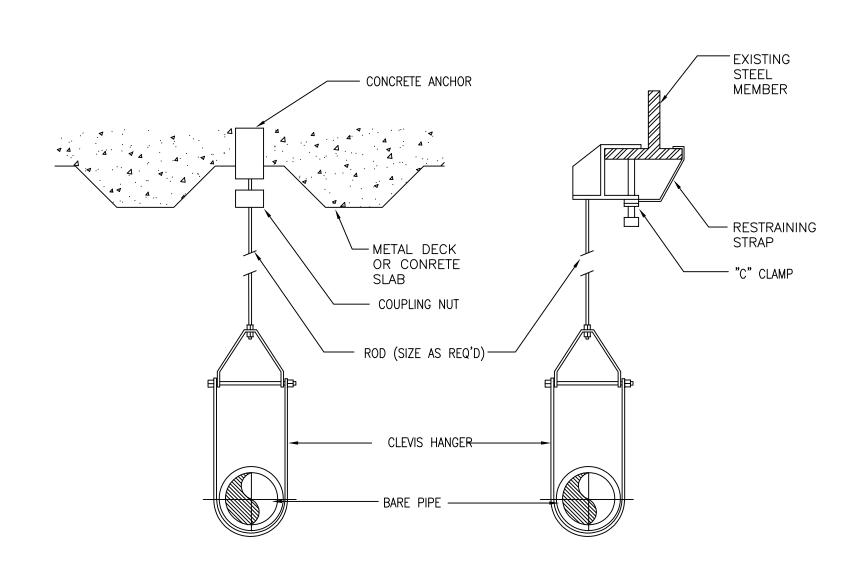


5 FLOOR DRAIN DETAIL
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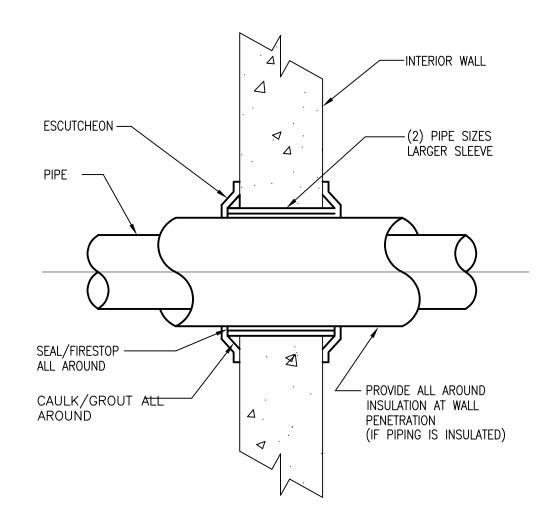
CLEVIS HANGER SCALE: N.T.S.



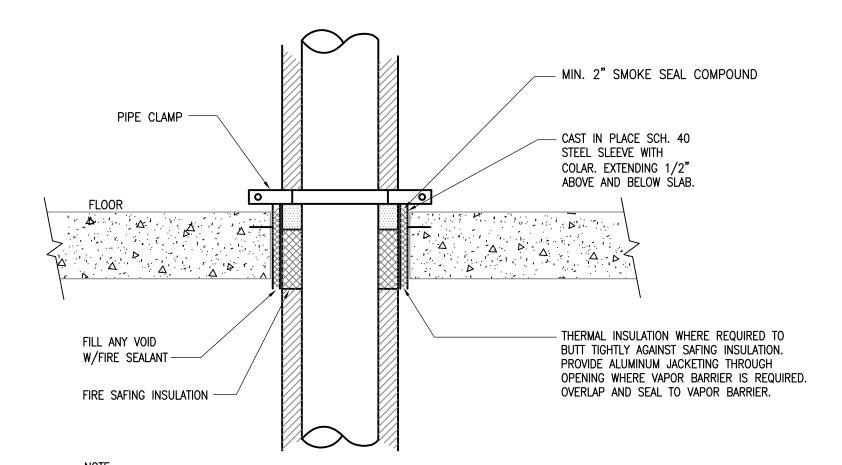


NOTE: CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1", GENERAL PURPOSE HANGERS MAY BE USED ON 1" PIPING ONLY.



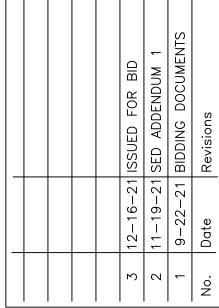


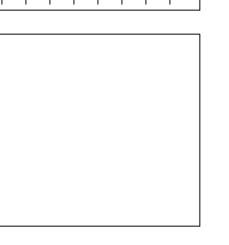
3 TYPICAL WALL PENETRATION
SCALE: N.T.S SCALE: N.T.S.



NOTE: SLEEVES TO BE SIZED AS REQUIRED FOR OVERALL PIPE DIAMETER. (INCLUDING INSULATION, WHERE APPLICABLE)

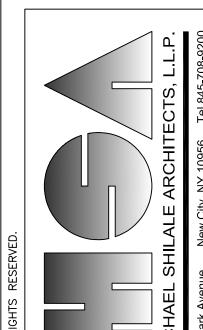
7 FLOOR PENETRATION DETAIL SCALE: N.T.S.

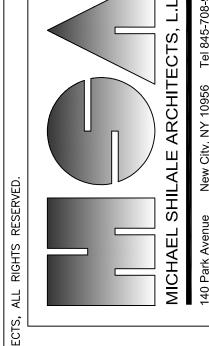




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GREENMAN PEDERSEN, INC 400 rella boulevard montebello, ny 10901	ППп
Mechanical & Electrical Engineer:	Structural Engineer:





PLUMBING DETAILS

GENERAL NOTES

- THE CONTRACTOR SHALL BE HELD TO HAVE VISITED THE PREMISES AND TO HAVE COMPARED THEIR OBSERVATIONS WITH THE DRAWINGS AND SPECIFICATIONS, AND TO HAVE VERIFIED THE EXISTING CONDITIONS THROUGHOUT THE BUILDING. LATER CLAIMS MADE BY THE CONTRACTOR FOR HAVING INCURRED EXTRA COSTS SHALL NOT BE CONSIDERED WITHOUT FIRST SECURING SUFFICIENT PROOF IN SUPPORT OF EVIDENCE OF SUCH EXTRA CLAIMS. IT IS THE CONTRACTORS RESPONSIBILITY TO IDENTIFY AREAS WHERE INSUFFICIENT INFORMATION IS AVAILABLE, OR WHERE IT CAN BE DOCUMENTED WITH PHOTOS, AND OTHER SUPPORTING INFORMATION THAT SUCH EVIDENCE WAS BEYOND THE MEANS OF THE CONTRACTOR AS JUDGED BY THE OWNER. FINAL JUDGMENT FOR SUCH CLAIMS SHALL BE BY THE OWNER.
- 2. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, AND BE RESPONSIBLE FOR THE SAME PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER, THE ARCHITECT AND THE ENGINEER ON RECORD.
- 3. ALL ELECTRICAL WORK SHALL ADHERE TO THE 2017 NATIONAL ELECTRICAL CODE AND THE NEW YORK STATE BUILDING CODES, 2020 AND NEW YORK ENERGY CODE 2020.
- 4. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE AND MOST RECENT EDITION OF THE STATE AND LOCAL CODES AND SHALL MEET THE REQUIREMENTS OF ALL OTHER AUTHORITIES, ORGANIZATIONS AND GOVERNMENT AGENCIES HAVING
- 5. THE WORK OF THIS CONTRACT IS TO BE PERFORMED WITH A HIGH LEVEL OF QUALITY. WORK WHICH IS, IN THE OPINION OF DESIGNATED REPRESENTATIVE NOT IN COMPLIANCE WITH THE HIGHEST RECOGNIZED INDUSTRY STANDARD FOR WORKMANSHIP OR WORK WHICH HAS BEEN DAMAGED BY FACILITY WORKMANSHIP, WILL BE REMOVED AND REPLACED, OR REPAIRED TO THE SATISFACTION OF THE OWNER.
- 6. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO COMPLETE THE WORK DESCRIBED HEREIN AND/OR AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER CONSTRUCTION SHALL BE INCLUDED AS IF THEY WERE ON THE DRAWINGS.
- 7. THE LOCATIONS SHOWN ON THE DRAWINGS INDICATE INTENT AND SHALL BE VERIFIED IN THE FIELD.
- 8. ALL HOLES MADE BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE PROPERLY PATCHED AND REPAIRED. ALL CONDUIT PENETRATIONS THROUGH FLOORS AND WALLS SHALL BE SEALED.
- 9. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
- 10. THE CONTRACTOR SHALL PROVIDE ALL PHYSICAL PROTECTION REQUIRED TO PROTECT ALL EQUIPMENT DURING CONSTRUCTION.
- 11. WHERE CONDUIT ROUTING HAS NOT BEEN SHOWN ON THE DRAWINGS, THE ROUTING OF POWER BRANCH CIRCUITS WILL BE AT THE CONTRACTOR'S DISCRETION AND THE OWNER APPROVAL IN ACCORDANCE WITH CODES AND SPECIFICATIONS.
- 12. CONDUIT ROUTING AS SHOWN IN CONTRACT DRAWINGS ARE TENTATIVE, ACTUAL ROUTING SHALL BE DETERMINED BASED ON FIELD CONDITIONS.

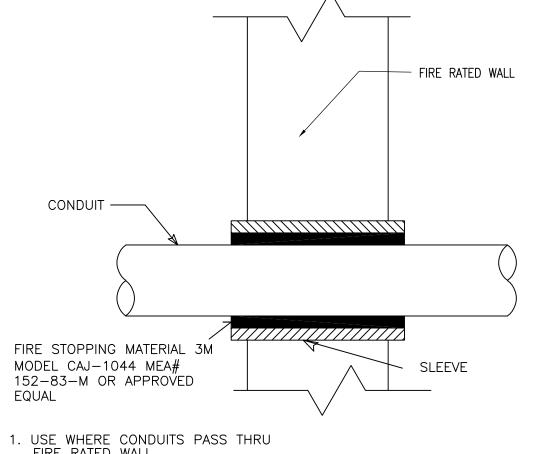
INSTALLATION NOTES

- CONTRACTOR SHALL PERMANENTLY FASTEN ALL THE EQUIPMENT AS INDICATED ON THE DRAWINGS IN AN APPROVED MANNER, WITH ALL NECESSARY HARDWARE.
- CONTRACTOR SHALL PROVIDE ALL CONDUITS, WIRING, OUTLET BOXES AND ALL ACCESSORIES NECESSARY TO COMPLETE THE WIRING TO ALL COMPONENTS OF THE SYSTEM. ALL CONNECTIONS SHALL BE MADE COMPLETE AND TESTED.

ELECTRICAL DEMOLITION NOTES APPLICABLE FOR NORTH ROCKLAND HIGH SCHOOL ONLY:

- 1. THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL AND ELECTRICAL LAYOUTS IN FULL COORDINATION WITH THE ARCHITECT'S DEMOLITION PLANS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE DE-ENERGIZED AND DISCONNECTED AT THE SOURCE OF POWER
- 2. THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE WITH FUNCTIONING ELECTRICAL SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
- 3. DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL
- 4. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL OUTLETS, LIGHT FIXTURES, SWITCHES AND OTHER DEVICES, COMPLETE WITH ASSOCIATED WIRING, CONDUITS, ETC., BACK TO SOURCE. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING WIRING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL JUNCTION BOXES AND OTHER DEVICES AND PROVIDE BYPASS CONNECTIONS NECESSARY TO MAKE CIRCUITS AFFECTED CONTINUOUS AND READY FOR OPERATION. OTHERWISE, WIRING SHALL BE REMOVED BACK TO THE NEAREST ELECTRICAL JUNCTION BOX THAT IS TO REMAIN OR TO PANELBOARD.
- ALL RACEWAYS WHICH BECOME EXPOSED DURING THE ALTERATION WORK SHALL BE REMOVED AND REROUTED CONCEALED BEHIND FINISHED SURFACES.
- 6. EXISTING PANEL DIRECTORIES AFFECTED BY THE ALTERATION WORK SHALL BE MODIFIED TO REFLECT THE BRANCH CIRCUIT WIRING CHANGES.
- 7. THE CONTRACTOR SHALL NOTIFY THE OWNER AT THE APPROPRIATE TIME OF THE PROJECTED DEMOLITION AND PHASING SCHEDULE SO THAT REMOVAL OR RELOCATION OF AFFECTED UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS. THE CONTRACTOR SHALL FOLLOW CLOSELY THE ARCHITECT'S DEMOLITION AND PHASING SCHEDULE AND PROCEED IN THE SPECIFIED SEQUENCE.
- ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVER TIME, IF REQUIRED, TO ASSURE THAT SYSTEMS WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTIONS TO THE EXISTING SYSTEMS.
- 9. IF REQUIRED, THE SHUTDOWN OF EXISTING BUILDING ELECTRICAL SERVICES SHALL BE COORDINATED WITH THE OWNER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.

ABBREVIATIONS AMPERE 120/208V PANEL ALTERNATING CURRENT LOUDSPEAKER ADMINISTRATIVE CONTROL STATION LTG LIGHTING AMERICANS WITH DISABILITIES ACT MASTER TELEVISION ABOVE FINISHED FLOOR MCC MOTOR CONTROL CENTER ARCH ARCHITECTURAL MECH MECHANICAL AUTOMATIC TRANSFER SWITCH MER MECHANICAL EQUIPMENT ROOM AIR CONDITIONING MICROPHONE CONDUIT MOUNTED CABINET NEUTRAL CEILING NORMALLY CLOSED CIRCUIT BREAKER N.O. NORMALLY OPEN CIRCUIT(S) 0 & R ORANGE AND ROCKLAND COLUMN POLE(S) DRAWING DWG PULL BOX EMPTY CONDUIT PANEL ELECTRIC 277/480V PANEL ELEVATOR MECHANICAL ROOM REMOTE CONTROL ELECTRIC METALLIC TUBING SPARE EXHAUST SOLID STATE BALLAST EXISTING STD STANDARD FIRE ALARM TERMINAL BOX SWITCH **FLOOR** SWITCHBOARD **SWBD** GUARD TELEPHONE GROUND TELEVISION GROUND FAULT INTERRUPTER TYPICAL GALVANIZED RIGID CONDUIT VOLT ISOLATED GROUND WATT JUNCTION BOX WEATHERPROOF KILOVOLT AMPERE KILOWATT KILOWATT HOUR



FIRE RATED WALL.

SCALE: N.T.S.

– RIGID GALVANIZED STEEL

(STRAIGHT OR FORMED

CONDUIT

NOTES:

THE DIGITAL TIME CLOCK

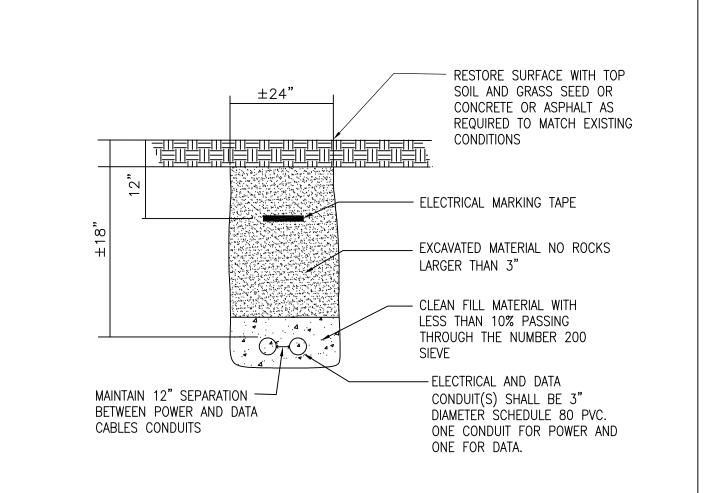
SCHEDULING FEATURES.

SHALL BE PROVIDED WITH DAY

LIGHT SAVINGS AND YEARLY

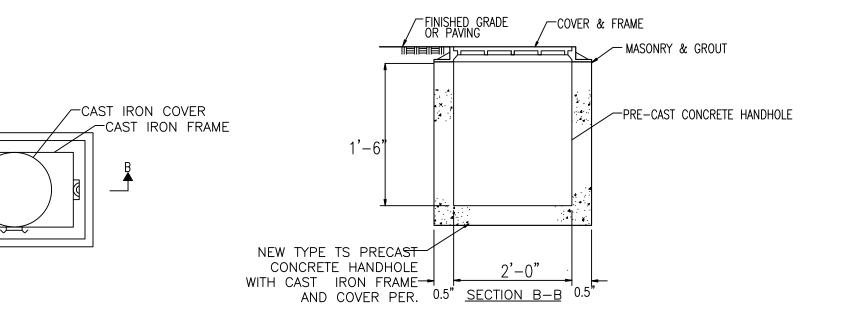
2. WHERE CONDUITS PASS THRU FOUNDATION WALLS, FLOOR SLAB ON EARTH, ROOF, CONCRETE, BEAM, BRICK WALL, OR WATER PROOF FLOORS, USE PIPE SLEEVES AND LINK SEAM WHEN PASSING THRU FOUNDATION WALLS.

CONDUIT PENETRATION THROUGH FIRE RATED WALL



1. ALL CONDUITS ARE NOT TO BE PAINTED (TYP). 2. TRENCHING WORK TO BE PERFORMED BY SITE CONTRACTOR

SCALE: N.T.S.



ELECTRICAL HANDHOLE GROUNDING DETAIL SCALE: NTS

CEMENT EARTH/CONCRETE ELBOW) ADAPTER ENCASEMENT MINIMUM LENGTH-24" IF POSSIBLE — PVC CONDUIT DA. BURIED CONDUIT TRANSITION

— THREAD TO

POWER SYMBOLS SINGLE POLE SWITCH

= CONTROLS SWITCH LEG 'a' MO = MOMENTARY CONTACT M = DISCONNECT SWITCH - TOGGLE TYPE MOTOR RATED, 20A, 1P, UON

NEMA 5-20R, 20A, 125V DEDICATED DUPLEX RECEPTACLE -FLUSH WALL MOUNTED. GFI INDICATES GROUND FAULT INTERRUPTER. SUBSCRIPT "WP" INDICATES WEATHER PROOF. CEILING MOUNTED JUNCTION BOX FLUSH WALL MOUNTED JUNCTION BOX

SCALE: NTS

NEMA 5-20R, 20A, 125V ISOLATED GROUND DUPLEX RECEPTACLE POST MOUNTED. GFI INDICATES GROUND FAULT INTERRUPTER. SUBSCRIPT "WP" INDICATES WEATHER PROOF.

"RP" INDICATES PANEL NAME AND "#" INDICATES THE CIRCUIT NUMBER

LIGHTING

2'X2' CEILING RECESSED MOUNTED LED LIGHT FIXTURES. HATCHES INDICATE THE FIXTURE IS CONNECTED TO EMERGENCY CIRCUIT. REFER TO EXISTING LIGHTING FIXTURE SCHEDULE FOR ACTUAL MODEL NO. OF THE FIXTURES. 'A' = FIXTURE TYPE

'a' = CONTROLLED BY CIRCUIT NUMBER

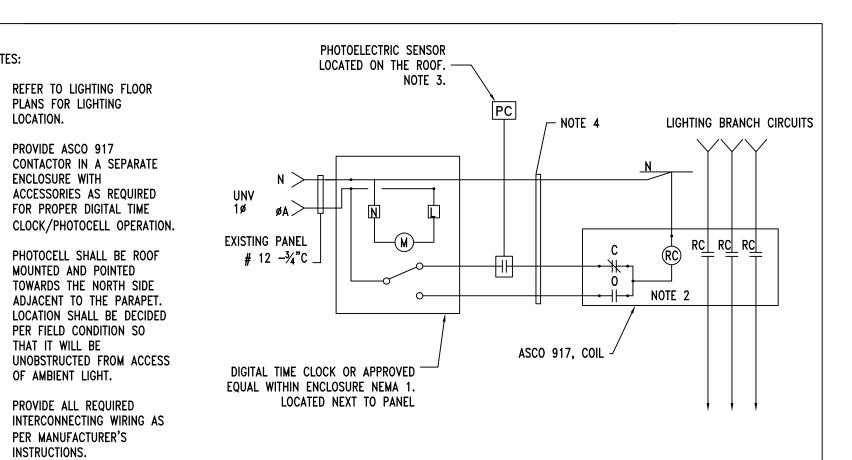
WALL MOUNTED LINE VOLTAGE VACANCY SENSOR SWITCH. LETTER DENOTES LIGHTING ZONE DESIGNATION. "VS" ONLY DENOTES ACUITY BRANDS: WSX-PDT-X.

SINGLE DATA OUTLET RJ45 WITH 3" CONDUIT WITH 4 PAIR CAT6 (23AWG) WIRE BACK TO TELECOM ROOM.

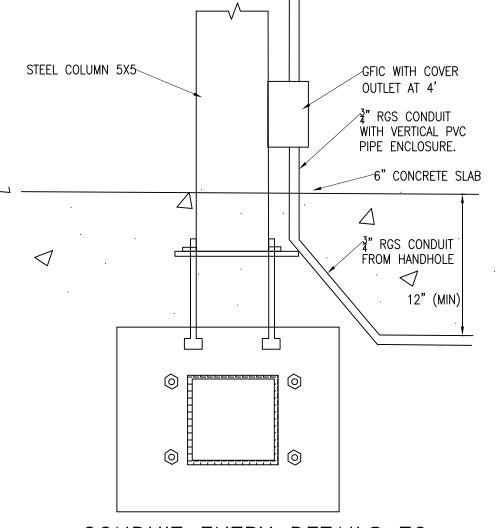
1'X4' ALCON LIGHTING 11450 ARCHITECTURAL LED POST LIGHT FIXTURE CLEAR LENS, 5000K, WITH 15' POLE

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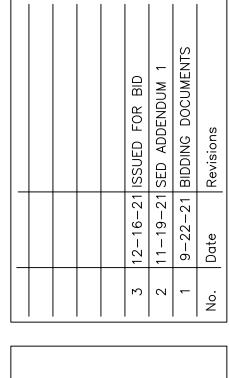
2X2 RECESSED LED CLEAR APPEAL LIGHT FIXTURE WITH LENS DAY-BRIGHT # 2-CAX-G-30L-840-2-DS-UNV-DIM-F1-WL

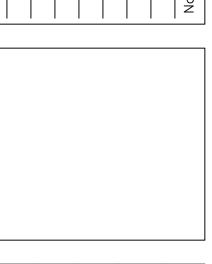


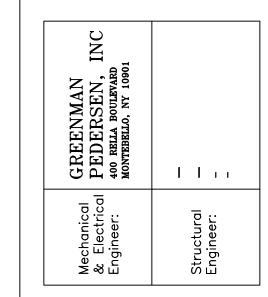
EXTERIOR LIGHTING CONTROL FOR PAVILION SCALE: NTS



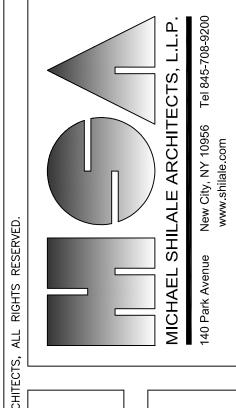
CONDUIT ENTRY DETAILS TO ELECTRICAL OUTLET AT PAVILION SCALE: NTS



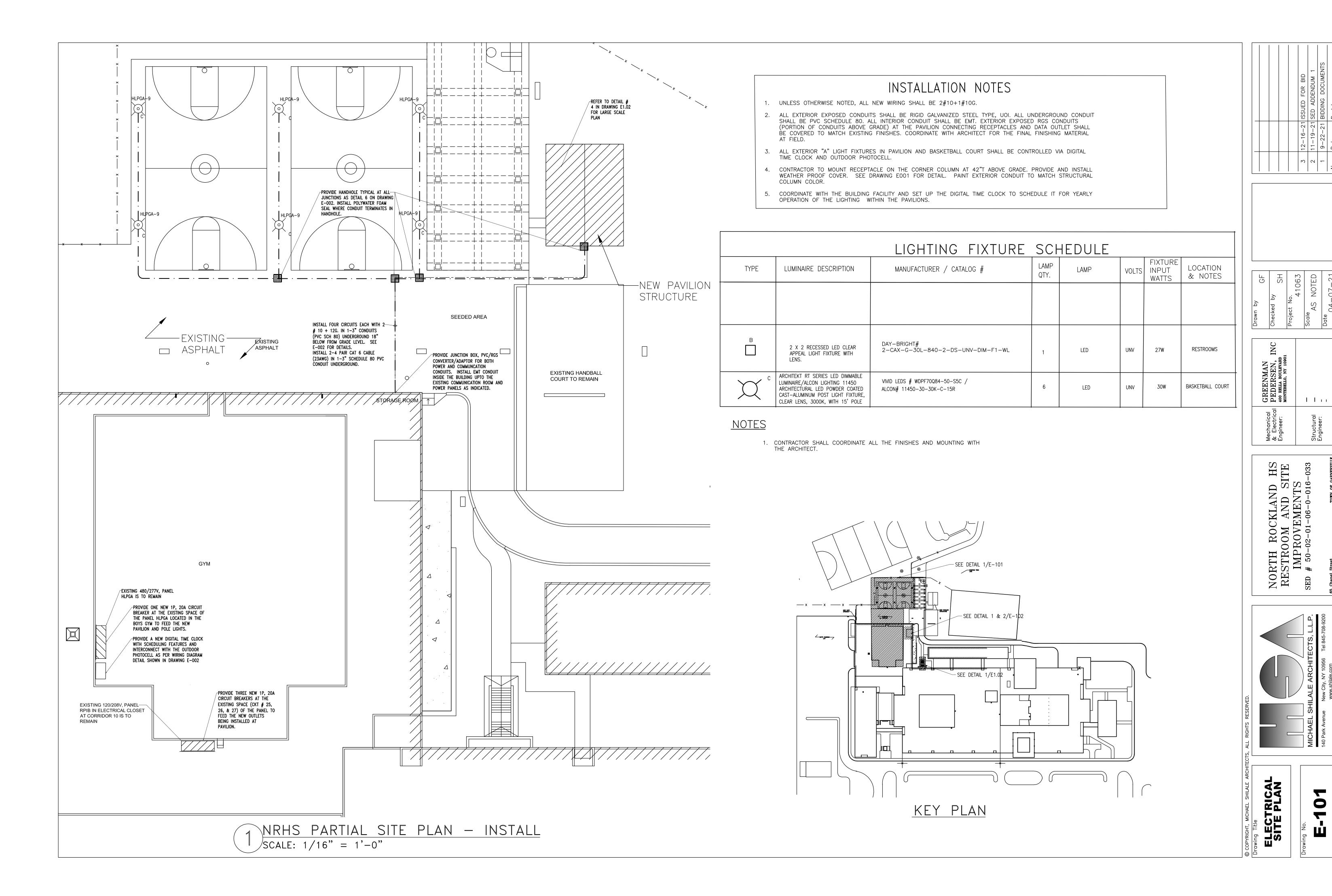




 ∞ Ξ 033 NORTH ROCKLAND | RESTROOM AND SIT IMPROVEMENTS | SED # 50-02-01-06-016-0



ELECTRICAL NOTES AND DETAILS

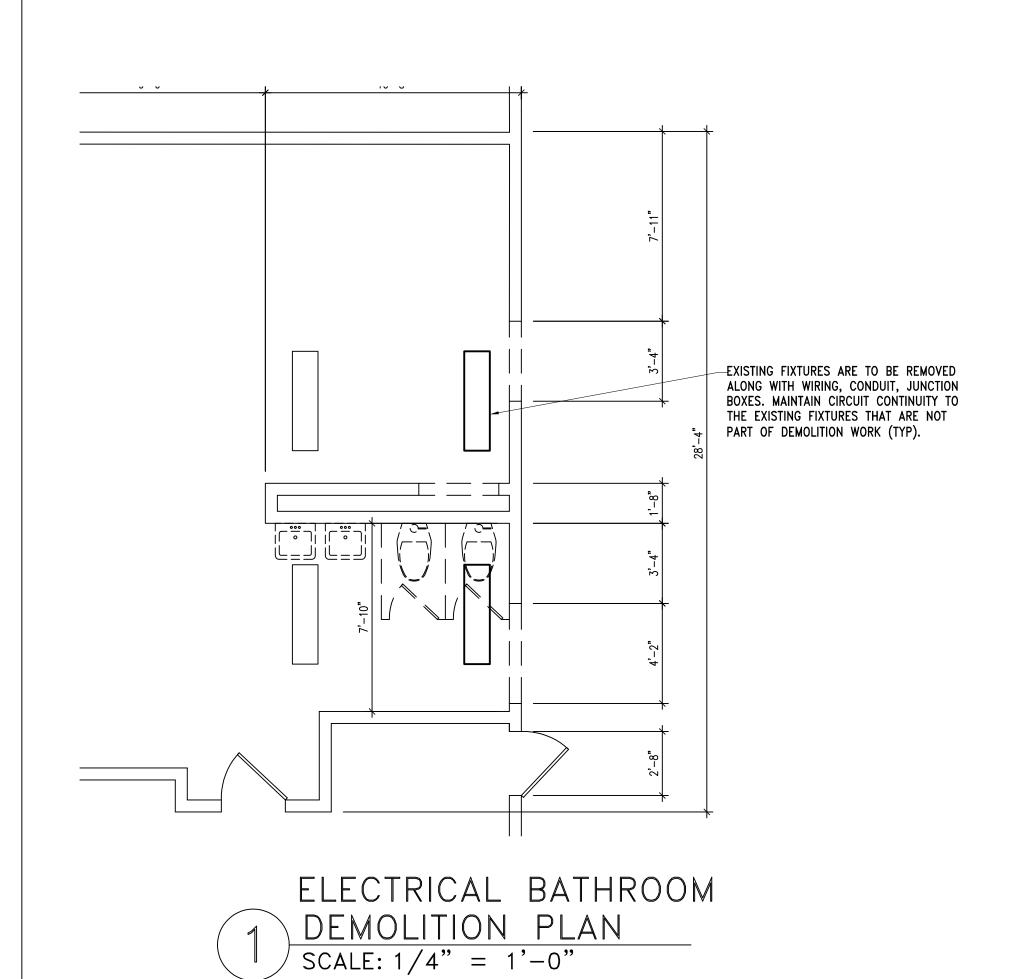


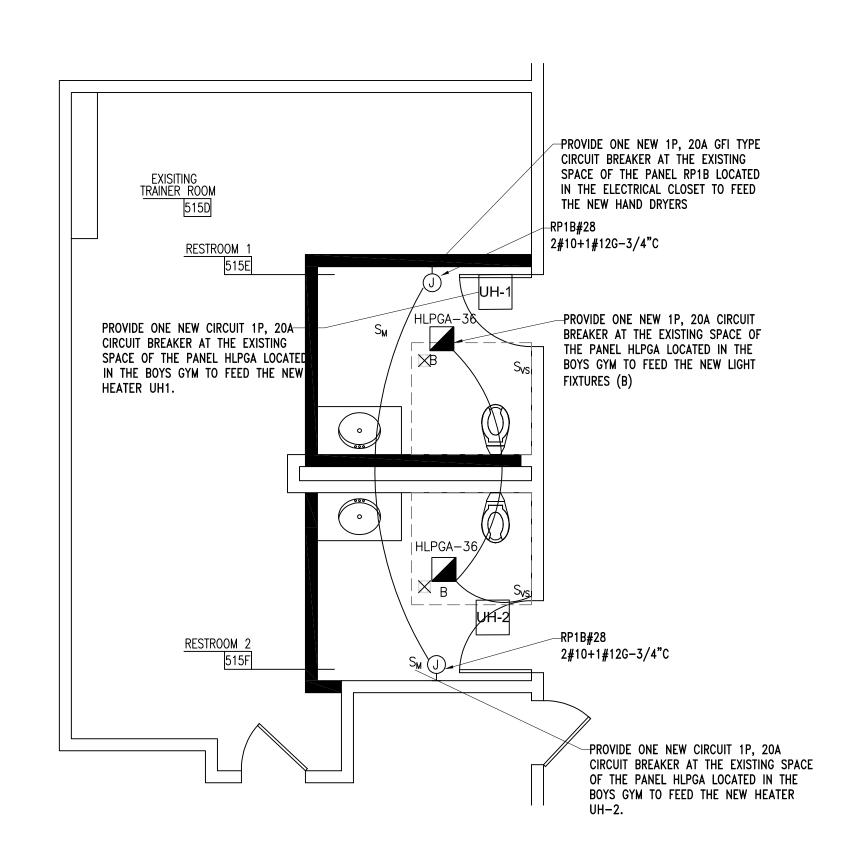
INSTALLATION NOTES

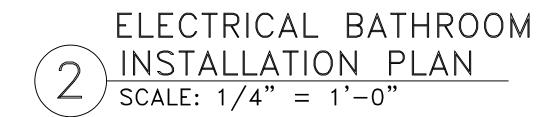
- 1. ALL EXTERIOR EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL TYPE, UOI. ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 80. ALL INTERIOR CONDUIT SHALL BE EMT. EXTERIOR EXPOSED RGS CONDUITS (PORTION OF CONDUITS ABOVE GRADE) AT THE PAVILION CONNECTING RECEPTACLES AND DATA OUTLET SHALL BE COVERED TO MATCH EXISTING FINISHES. COORDINATE WITH ARCHITECT FOR THE FINAL FINISHING MATERIAL AT FIELD.
- 2. ALL EXTERIOR "A" LIGHT FIXTURES IN PAVILION AND BASKETBALL COURT SHALL BE CONTROLLED VIA DIGITAL TIME CLOCK AND OUTDOOR PHOTOCFIL.
- 3. CONTRACTOR TO MOUNT RECEPTACLE ON THE CORNER COLUMN AT 42"
 ABOVE GRADE. PROVIDE AND INSTALL WEATHER PROOF COVER. SEE
 DRAWING E001 FOR DETAIL. PAINT EXTERIOR CONDUIT TO MATCH
 STRUCTURAL COLUMN COLOR.
- 4. COORDINATE WITH THE BUILDING FACILITY AND SET UP THE DIGITAL TIME CLOCK TO SCHEDULE IT FOR YEARLY OPERATION OF THE LIGHTING WITHIN THE PAVILIONS.
- 5. UNLESS OTHERWISE NOTED, ALL NEW WIRING SHALL BE 2#12+1#12G IN 3/4" CONDUIT.
- 6. REFER TO LIGHTING FIXTURE SCHEDULE IN DRAWING E-101

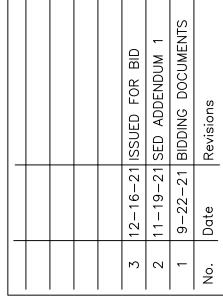
DEMOLITION NOTES

- 1. THE CONTRACTOR IS TO REMOVE ALL LIGHTING FIXTURES SHOWN IN THE DEMOLITION PLAN ALONG WITH ALL SUPPORTS, JUNCTION BOXES, WIRING AND CONDUIT ETC. MAINTAIN EXISTING CIRCUIT TO RECONNECT THE NEW FIXTURES.
- 2. CONNECT NEW LIGHTING FIXTURES LOWITH EXISTING NEAR BY LIGHTING CIRCUITS AS INDICATED IN THE PART PLAN IN THIS DRAWING.
- 3. COORDINATE WITH THE BUILDING FACILITY FOR ANY REQUIRE SHUTDOWN OF THE POWER.











Checked by SH
Project No. 41063
Scale AS NOTED
Date

GREENMAN PEDERSEN, INC 400 RELLA BOULEVARD MONTEBELLO, NY 10901	ПТт
Mechanical & Electrical Engineer:	Structural Engineer:

NORTH ROCKLAND HS
RESTROOM AND SITE
IMPROVEMENTS
SED # 50-02-01-06-0-016-033
Garnerville, NY 10923
COUNTY OF ROCKLAND

