

VILLAGE OF GREENPORT

RESTROOM REMODEL FOR ADA COMPLIANCE

5TH STREET PARK

GREENPORT, NEW YORK 11944

GENERAL NOTES

- GENERAL NOTES**
- THIS PROJECT IS DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, AS UPDATED, INCLUDING THE INTERNATIONAL CODES AND THE NEW YORK SUPPLEMENT.
 - THE METHODS PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE EXCAVATION(S) AT ALL STAGES OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTION AND MISALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.
 - CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AT THE SITE PRIOR TO STARTING WORK AND SHALL FAMILIARIZE HIMSELF WITH THE INTENT OF THESE PLANS AND MAKE WORK COMPLY WITH THE SAME.
 - ALL DIMENSIONS AND CONDITIONS TO BE VERIFIED BY CONTRACTORS PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING MATERIALS.
 - WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
 - THE GENERAL CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH EXISTING CONDITIONS AND REPORT ANY DISCREPANCY TO THE ENGINEER PRIOR TO FABRICATION OR INSTALLATION.
 - THE USE OF REPRODUCTIONS OF THESE CONTRACT DRAWINGS BY ANY CONTRACTOR, SUB-CONTRACTOR, ERECTOR, FABRICATOR, MATERIAL SUPPLIER, ETC. IN LIEU OF PREPARATION OF SHOP DRAWINGS, SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HERE ON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HERE ON.
 - ALL CODES, COMMITTEE REPORTS, SUPPLEMENTS, SPECIFICATIONS, ETC. REFERRED TO IN THESE GENERAL NOTES, ON THE DRAWINGS OR IN THE PROJECT SPECIFICATIONS INCLUDE ALL AMENDMENTS, SUPPLEMENTS AND ADDENDA IN FORCE AT THE DATE OF THESE DOCUMENTS.
 - ANY DEVIATION FROM THESE PLANS WITHOUT THE WRITTEN CONSENT OF THE ENGINEER WILL NEGATE THE CERTIFICATION OF THESE PLANS.
 - IF IN THE COURSE OF CONSTRUCTION A CONDITION EXISTS WHICH DISAGREES WITH THAT AS INDICATED ON THESE PLANS, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. SHOULD HE FAIL TO FOLLOW THIS PROCEDURE AND CONTINUE WITH WORK, HE SHALL ASSUME ALL RESPONSIBILITY AND LIABILITY THEREFROM.
 - CONSTRUCTION SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES, ORDINANCES, RULES AND REGULATIONS. CONTRACTOR SHALL ARRANGE FOR ALL NECESSARY PERMITS AND INSPECTIONS INCLUDING THE CERTIFICATE OF OCCUPANCY.
 - WHERE CONFLICT EXISTS BETWEEN THE GENERAL BUILDING CODE SPECIFIED ABOVE AND OTHER CODES, PUBLICATIONS, SPECIFICATIONS AND DRAWINGS CITED HEREIN, THE REQUIREMENTS OF THE MORE STRINGENT ITEM SHALL GOVERN.
 - ANY SUBSTITUTIONS OR ALTERNATES (DETAILS, MEMBERS, ETC.) MAY BE USED IF SUCH SUBSTITUTION OR ALTERNATES ARE SUBMITTED TO THE ENGINEER FOR REVIEW AND ACCEPTANCE IS GRANTED; HOWEVER, THE ENGINEER SHALL BE THE SOLE JUDGE OF ACCEPTABILITY. IN ANY EVENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF SUCH ALTERNATES AND SUBSTITUTIONS WHICH HE PROPOSES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CHANGES WITHOUT NOTIFICATION.
 - LARGER SCALE DETAILS SHALL HAVE PRECEDENCE OVER SMALLER SCALE DRAWINGS. IT IS THE INTENTION OF THE DRAWINGS TO PROVIDE FOR A COMPLETE JOB IN ALL RESPECTS AND NO EXTRAS WILL BE ALLOWED FOR MATERIALS AND/OR LABOR REQUIRED TO COMPLETE THE WORK, AS INDICATED.
 - THESE DRAWINGS ARE INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ENGINEER WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED ON ANY OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ENGINEER.
 - CONTRACTOR OR OWNER SHALL OBTAIN ALL REQUIRED APPROVALS, PERMITS, CERTIFICATES OF OCCUPANCY, INSPECTION APPROVALS, ETC., FOR WORK PERFORMED FROM AGENCIES HAVING JURISDICTION THEREOF, IF REQUIRED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE LOCAL BUILDING DEPARTMENT AT LEAST 48 HOURS PRIOR TO ANY WORK.
 - IF ANY, CONTRACTOR SHALL DISCONNECT, CAP AND REROUTE ANY EXISTING UTILITY LINES IN AREA OF WORK AND SHALL USE HAND EXCAVATION IN AREAS OF SUSPECTED UNDER GROUND UTILITIES AND SERVICES. IF ANY LINES ARE BROKEN OR DAMAGED, THE CONTRACTOR WILL REPAIR AND REPLACE SAME AT HIS OWN EXPENSE AND ARRANGE FOR PROPER INSPECTION OF HIS WORK.

SHOP DRAWINGS

- SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR ALL MANUFACTURED PRODUCTS. SHOP DRAWINGS SHALL INCLUDE MANUFACTURERS PRODUCT DATA, DIMENSIONS, AND INSTALLATION INSTRUCTIONS.

RECORD DRAWINGS

- CONTRACTOR SHALL SUBMIT RECORD DRAWINGS ACCURATELY SHOWING INSTALLED LOCATION OF TANKS AND INVERTS OF ALL SUPPLY, RETURN PIPING, ELECTRICAL AND SENSOR LINES.

STANDARDS

- WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES.
- LOCATIONS OF ALL UNDERGROUND UTILITIES, ELECTRIC, TELEPHONE CONDUITS, STORM DRAINS, AND EXISTING STRUCTURES WERE OBTAINED FROM OLD SURVEYS AND DRAWINGS SUPPLIED BY OTHERS. THE OWNER AND ENGINEER DO NOT GUARANTEE LOCATIONS AND SIZES SHOWN ON THE PLANS OR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION OR SIZE OR DUE TO THEIR NOT BEING SHOWN.
- ALL MATERIAL SHALL BE NEW UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMANCE UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THIS WORK.
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- THE SUB CONTRACTORS SHALL CONSULT, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR AND ALL TRADES, IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
- THE CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER THIS CONTRACT AS REQUIRED BY LAW AND SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY LAW AND THE OWNER.
- THE CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR WORK.
- THE CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH AND FINISH PATCHING AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.
- WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS.
- ALL PIPES SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE MECHANICAL CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING OF ALL DEBRIS AND DISPOSAL AT AN APPROVED SITE.

CONCRETE MASONRY NOTES

- CONCRETE MASONRY MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE (ACI) 530.
- CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND SHALL BE MADE WITH LIGHTWEIGHT AGGREGATE. MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY UNITS SHALL BE 1,900 PSI AT 28 DAYS.
- COMPRESSIVE STRENGTH OF MASONRY SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD AS SET FORTH IN ACI 530.1. THE NET AREA COMPRESSIVE STRENGTH OF MASONRY, f_m , SHALL BE 1,500 PSI AT 28 DAYS.
- MORTAR SHALL BE TYPE M OR S AND SHALL COMPLY WITH ASTM C270, PROPORTIONS OR PROPERTIES SPECIFICATION.
- GROUT SHALL COMPLY WITH ASTM C476 PROPERTIES SPECIFICATION, OR SHALL BE PROPORTIONED TO OBTAIN A DOCUMENTED 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI.
- REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE BENT OR HOOKED.
- ALL BOND BEAMS, REINFORCED CELLS AND CELLS WITH EXPANSION BOLTS, EMBED, PLATES OR OTHER ANCHORS AND ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID. GROUT PROCEDURE SHALL COMPLY WITH ACI 530.1.
- PROVIDE REINFORCING BARS OF THE GIVEN SIZE AND SPACING SHOWN. LAP CONTINUOUS REINFORCING STEEL 40 BAR DIAMETERS UNLESS OTHERWISE NOTED. PROVIDE MECHANICAL SPLICES FOR ALL BARS AT CONTRACTOR'S OPTION.
- PROVIDE REINFORCING STEEL DOWELS OF THE SAME SIZE AND SPACING AS VERTICAL REINFORCING FROM THE SUPPORTING STRUCTURE. DOWELS SHALL HAVE STANDARD ACI HOOKS. LAP LENGTH FOR DOWELS FROM FOUNDATION NOT OTHERWISE NOTED MAY BE 36 x BAR DIAMETER.
- PROVIDE STANDARD 9 GAGE LADDER TYPE HORIZONTAL JOINT REINFORCING IN CMU WALLS AT 16 INCHES ON CENTER AND IN TWO JOINTS IMMEDIATELY ABOVE AND BELOW ALL OPENINGS, EXTENDING A MINIMUM OF 2 FEET BEYOND THE JAMB ON EACH SIDE OF THE OPENING, EXCEPT AT CONTROL JOINTS.
- PROVIDE HORIZONTAL BOND BEAMS WITH CONTINUOUS REINFORCING AS SHOWN IN THE SECTIONS AND DETAILS. DISCONTINUE ALL HORIZONTAL REINFORCING AT CONTROL JOINTS EXCEPT FOR THE BOND BEAMS AT JOIST BEARING ELEVATIONS.
- DO NOT LOCATE CONTROL JOINTS WITHIN TWO FEET OF STEEL BEAM BEARING LOCATIONS.

REINFORCING STEEL NOTES

- ALL REINFORCING STEEL SHALL BE GRADE 60 AND SHALL CONFORM TO ASTM SPECIFICATION OF DEFORMED AND PLAIN BILLET STEEL BARS FOR CONCRETE REINFORCEMENT, ASTM A615, STANDARD SPECIFICATION FOR EPOXY-COATED STEEL REINFORCING BARS, ASTM A775, STANDARD SPECIFICATION FOR FABRICATION AND JOBSITE HANDLING OF EPOXY-COATED STEEL REINFORCING BARS, ASTM D3963, STANDARD SPECIFICATION FOR EPOXY-COATED STEEL WIRE AND WELDED WIRE REINFORCEMENT, ASTM A884, DETAILING OF REINFORCEMENT, ASTM A615, DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL.
- REINFORCING AND WELDED WIRE MESH FOR SLAB ON GRADE SHALL BE SUPPORTED BY PRECAST CONCRETE CUBES OR BRICK OR CHAIRS DESIGNED FOR EARTH BEARING AT A MAXIMUM OF 4'-0" ON CENTER IN EACH DIRECTION. DEPTH OF SUPPORT SHALL PROVIDE FOR 3/4" TOP COVER TO REINFORCING UNLESS OTHERWISE NOTED.
- DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI PUBLICATION 315, LATEST EDITION.
- SPLICE TOP BARS AT MID-SPAN ONLY AND BOTTOM BARS AT SUPPORT ONLY UNLESS OTHERWISE NOTED. ALL REINFORCING SHALL LAP 36 BAR DIAMETERS MINIMUM AT SPLICES UNLESS OTHERWISE NOTED.
- REINFORCING STEEL COVERAGE SHALL BE AS FOLLOWS (SEE SECTION 7.7, ACI318, FOR CONDITIONS NOT NOTED) UNLESS NOTED OTHERWISE IN PLANS.
 - SLABS ON GRADE 3" TOP, 3" BOTTOM
- WELDING OF REINFORCING BARS, ONLY WHEN PERMITTED BY THE STRUCTURAL ENGINEER, SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STANDARD D1.4-79; BARS SHALL CONFORM TO ASTM A706. ELECTRODES FOR SHOP AND FIELD WELDING OF REINFORCEMENT BARS SHALL CONFORM TO ASTM A233, CLASS E90XX, SCHEDULED OR DETAILED REINFORCEMENT SHALL NOT BE TACK WELD FOR ANY REASON.
- DEFORMED BAR ANCHORS SHALL CONFORM TO STANDARD SPECIFICATION FOR DEFORMED STEEL WIRE FOR CONCRETE REINFORCEMENT ASTM A496 WITH A MINIMUM YIELD STRENGTH OF 70,000 PSI. STANDARD ASTM A615 GRADE 60 REINFORCING BARS MAY NOT BE SUBSTITUTED FOR DEFORMED BAR ANCHORS UNLESS PERMITTED BY THE STRUCTURAL ENGINEER.
- PROVIDE WELD SMOOTH WIRE FABRIC MINIMUM 6x6- W2.1 x 2.1 IN ALL TOPPING SLABS UNLESS OTHERWISE NOTED.

CONCRETE NOTES

- CONCRETE STRENGTHS AND TYPES SHALL BE USED IN THE AREAS AS SPECIFIED BELOW, UNLESS OTHERWISE NOTED

USAGE	28 DAY STRENGTH (psi)	MAX AGG SIZE
A. SLAB ON GRADE	4000 S.C.	1"
- CONCRETE NOTED IN THESE GENERAL NOTES, ON THE DRAWINGS OR IN THE SPECIFICATIONS AS SC OR STONE CONCRETE SHALL HAVE NATURAL SAND FINE AGGREGATE, NORMAL WEIGHT COARSE AGGREGATES CONFORMING TO ASTM C33 AND TYPE I PORTLAND CEMENT CONFORMING TO ASTM C150.
- ALL CONCRETE SHALL BE A MINIMUM 4000 PSI @ 28 DAY TEST.
- CONCRETE MIXES SHALL BE PROPORTIONED TO RESULT IN CONCRETE SLUMP AT THE POINT OF DISCHARGE AS FOLLOWS

A. FOUNDATION CONCRETE	3" TO 6"
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- MIXING, TRANSPORTING AND PLACING OF CONCRETE SHALL CONFORM TO ACI 301.
- THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS. ALL CONSTRUCTION JOINTS SHALL BE MADE IN THE CENTER OF SPANS WITH VERTICAL BULKHEADS. THE LOCATIONS OF THE CONSTRUCTION JOINTS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ADDITIONAL REINFORCING AT CONSTRUCTION JOINTS SHALL BE SPECIFIED BY THE STRUCTURAL ENGINEER. SEE TYPICAL DETAIL. DRAWING SHOWING LOCATIONS OF CONSTRUCTION JOINTS SHALL BE SUBMITTED BY THE GENERAL CONTRACTOR TO THE STRUCTURAL ENGINEER FOR REVIEW AND VERIFICATION.
- ALL CONCRETE SHALL CONTAIN A CONCRETE MIX USING A MINIMUM OF 5.0 SACKS OF CEMENT PER CUBIC YARD. NO FLY ASH SHALL BE USED IN ANY CONCRETE. ALL EXPOSED CONCRETE TO BE AIR ENTRAINED AIR CONTENT SHOULD BE 6 PERCENT WITH A TOLERANCE OF +/- 1.5 PERCENT.
- GENERAL CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL ANCHOR BOLTS, ETC. AS REQUIRED FOR MECHANICAL TRADES BEFORE CONCRETE IS POURED; THESE ITEMS ARE TO BE INSTALLED BY GENERAL CONTRACTOR. ANCHOR LOCATION DRAWINGS SHALL BE SUBMITTED BY THE GENERAL CONTRACTOR TO THE STRUCTURAL ENGINEER FOR REVIEW AND VERIFICATION.
- NO ALUMINUM SHALL BE CAST IN CONCRETE.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. WORK SHALL NOT BEGIN UNTIL CONTRACTOR RECEIVES APPROVED SHOP DRAWINGS.
- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE, INCLUDING SUBMISSION OF CONCRETE TEST MIXES.
- NO CONCRETE IS TO BE POURED UNTIL PLACEMENT OF REINFORCEMENT IS CHECKED AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

PLUMBING NOTES

- ALL MATERIAL SHALL BE NEW UNLESS NOTED OTHERWISE.
- THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMANCE UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THIS WORK.
- THE PLUMBING CONTRACTOR SHALL CONSULT, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR AND ALL TRADES, IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
- THE PLUMBING CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL BUILDING DEPARTMENT AND AUTHORITIES. HE SHALL PAY ALL WORK PERMITS, FILING FEES, INSPECTIONS AND WRITE-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER THIS CONTRACT AS REQUIRED BY LAW AND SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY LAW AND THE OWNER.
- THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- THE PLUMBING CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR WORK.
- THE PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH AND FINISH PATCHING AS PER SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.
- ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT INTERVALS AND SHALL BE FABRICATED OF MATERIALS PERMITTED BY CODE.
- ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN THE SUPPLY LINES SERVING THE FIXTURE.
- THE PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT FOR APPROVAL BEFORE INSTALLATION OF THE SAME.
- WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS.
- WATER HAMMER ELIMINATORS (APPROVED-FIELD FABRICATED OR MANUFACTURED) SHALL BE INSTALLED AT ALL RUN OUTS IN HOT AND/OR COLD WATER LINES SERVING TOILET ROOMS AND OTHER AREAS WHICH INCORPORATE "RAPID-ACTION" VALVES SUCH AS FLUSHMETERS, SOLENOID VALVES, ETC.
- ALL PIPES SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS FOR GAS PIPING SYSTEM.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING OF ALL DEBRIS AND DISPOSAL AT AN APPROVED SITE.
- REFER TO ARCHITECTURAL DRAWINGS FOR STRUCTURAL DIMENSIONS.
- ALL WATER SERVING PIPING WITHIN THE BUILDING IS TO BE INSULATED WITH 1" FIBERGLASS INSULATION.
- ALL PLUMBING FIXTURES TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS.
- FLOOR DRAINS SHALL BE SET LEVEL WITH FINISHED FLOORS AND TO BE PROVIDED WITH TRAP PRIMER.
- ALL PLUMBING FIXTURES TO HAVE ISOLATIONS VALVES.
- PROVIDE CLEANOUTS AT ALL ACCESSIBLE BENDS FOR ROOF DRAINAGE.
- LAVATORY FAUCET WATER TEMPERATURE NOT TO EXCEED 110°F

DRAWING INDEX:

T-1 LOCATION MAP & TITLE SHEET

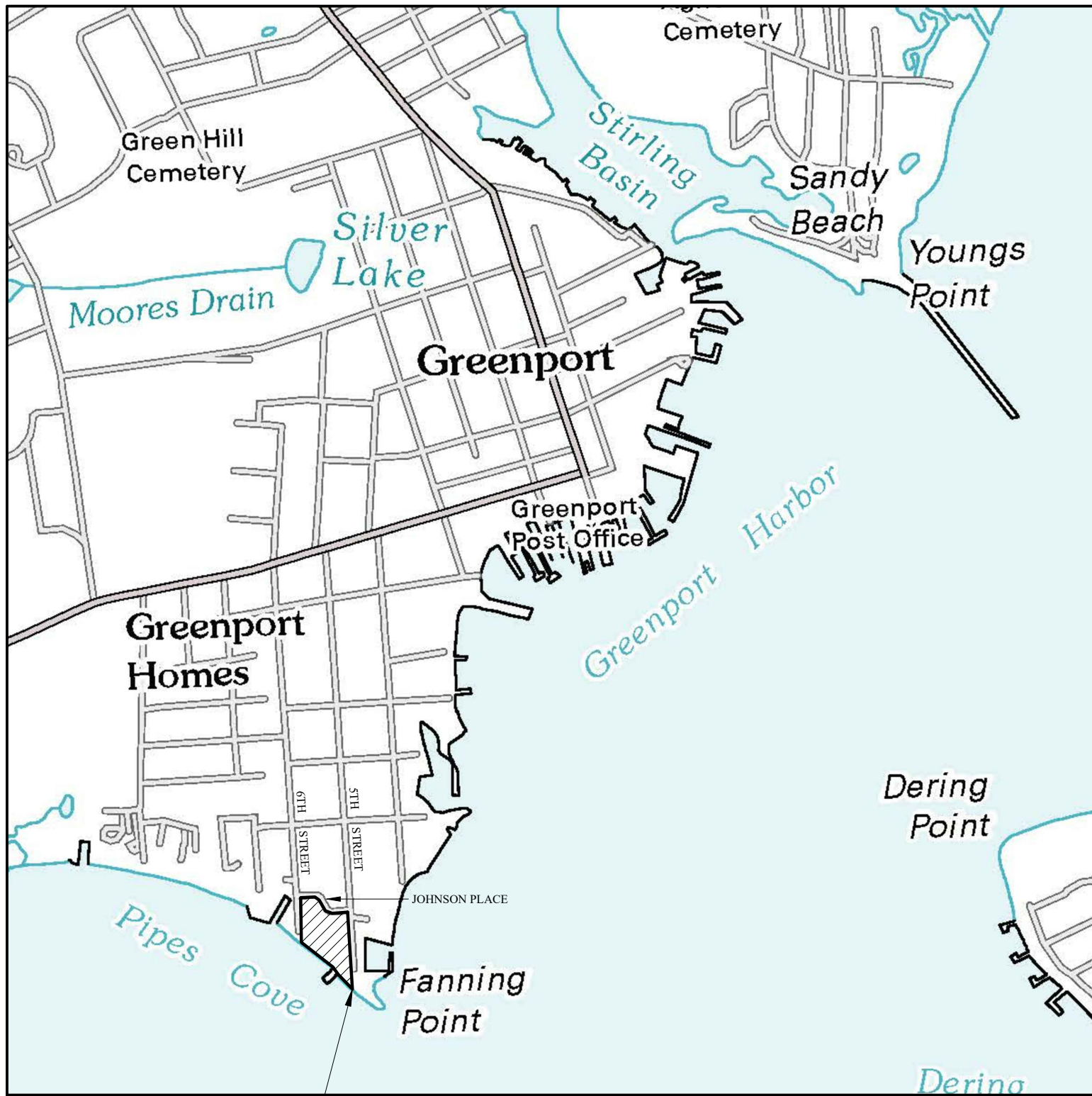
A-1 DEMOLITION & PROPOSED PLANS

A-2 ELECTRICAL PLAN, EXTERIOR ELEVATIONS & DETAILS

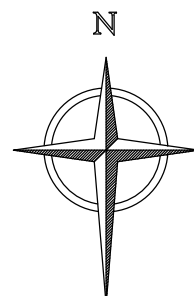
P-1 PLUMBING PLAN


LOCATION MAP

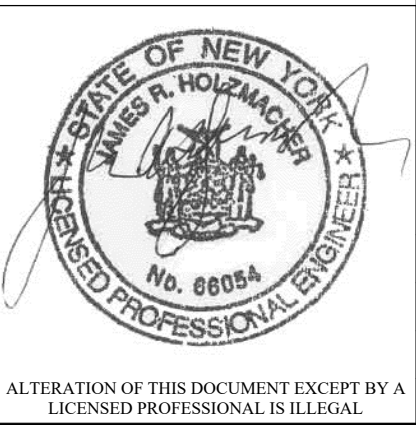
SCALE 1" = 1000'



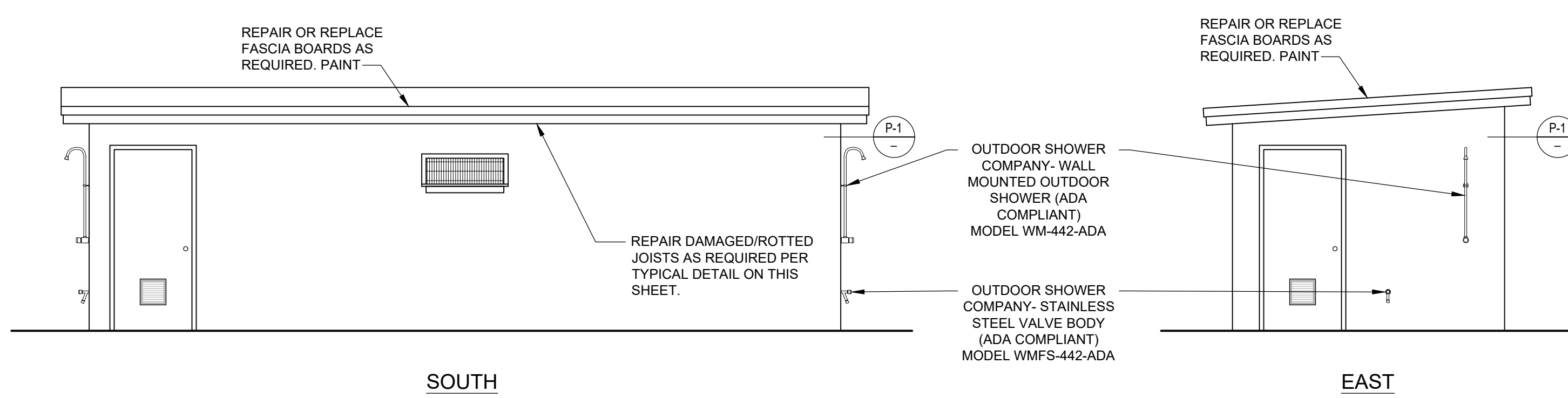
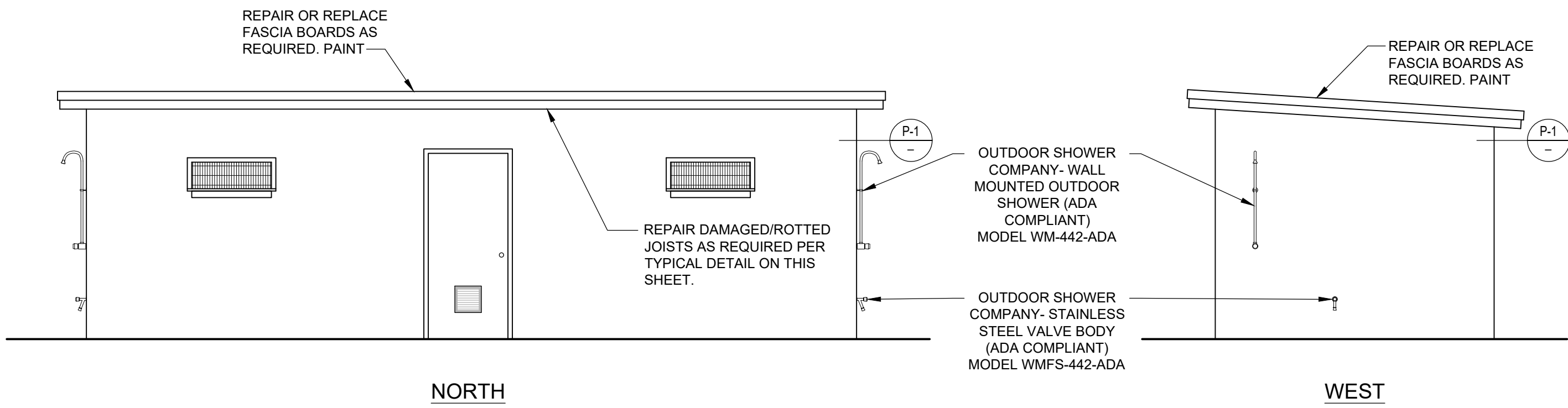
PROJECT SITE
5TH STREET PARK



1	11/05/20	JRH	ISSUED FOR BID
REV	DATE	CK	DESCRIPTION
REVISONS			
Village of Greenport			
Restroom Remodel for ADA Compliance			
5th Street Park			
Greenport, NY 11944			
J.R. HOLZMACHER P.E., LLC			
 The Third Generation of Excellence In Water Supply, Water Resources, Civil and Environmental Engineering			
3555 Veterans Memorial Highway, Suite A, Ronkonkoma, NY 11779			
PHONE: (631) 234-2220 FAX: (631) 234-2221 E-MAIL: info@holzmacher.com			
SHEET TITLE: LOCATION MAP & TITLE SHEET			
DESIGNED BY:	PDC	SCALE:	AS NOTED
REVIEWED BY:	JRH	DATE:	November 5th, 2020
PLANNED BY:	PDC	PROJECT NO:	GrptV 19-02



T-1

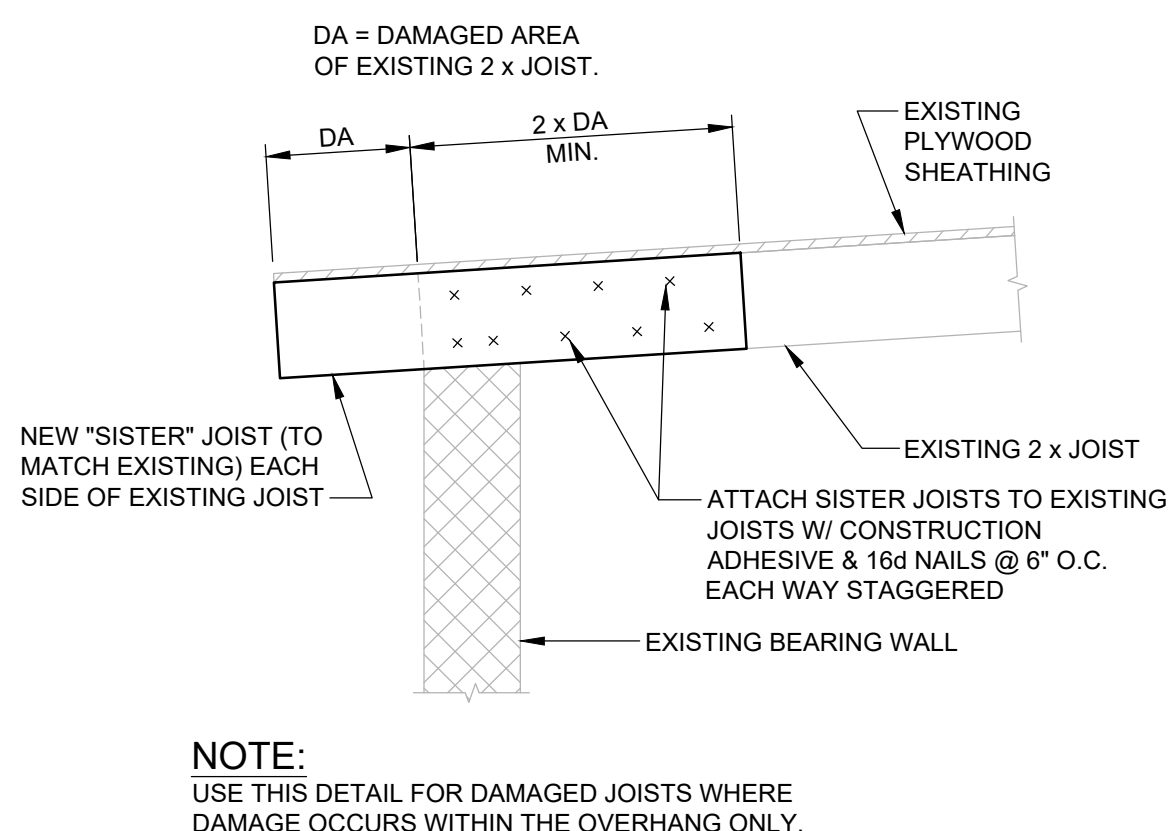


EXTERIOR ELEVATIONS

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

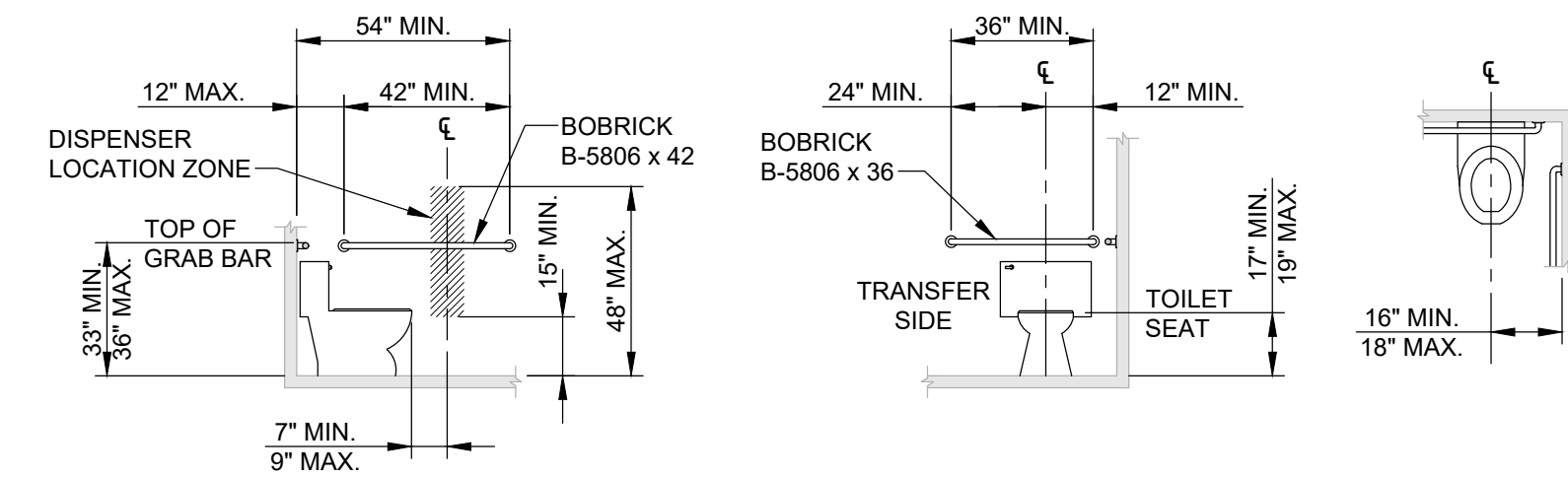
FINISH SCHEDULE

MARK	PRODUCT	MODEL	COLOR/FINISH	SIZE	MANUFACTURER
P-1	EXTERIOR PAINT	REGAL SELECT EXTERIOR HIGH BUILD -N403	SIMPLY WHITE OC-117	N/A	BENJAMIN MOORE



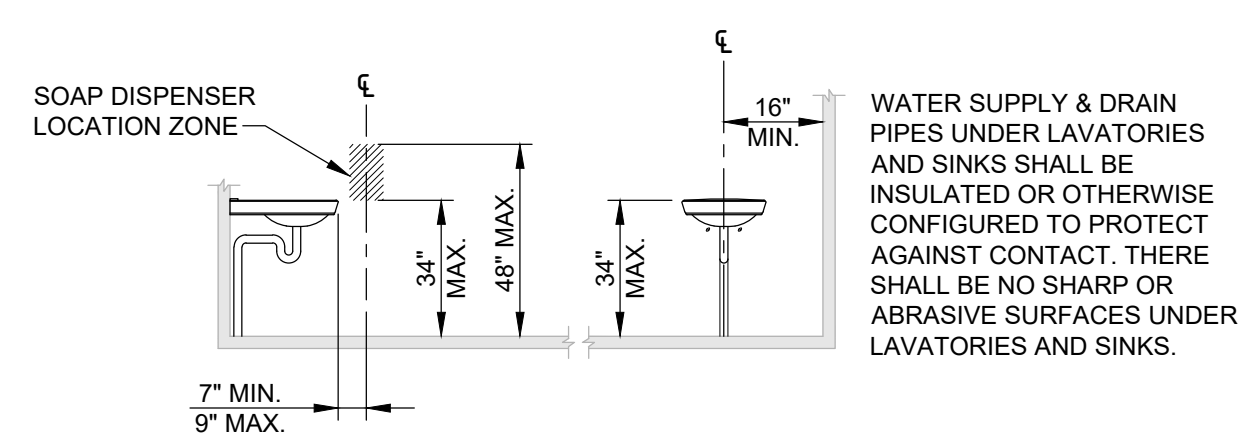
TYPICAL JOIST REPAIR AT DAMAGED OVERHANGS

SCALE: 3/4" = 1'-0"



WHEELCHAIR ACCESSIBLE WATER CLOSET DIMENSIONAL CRITERIA

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

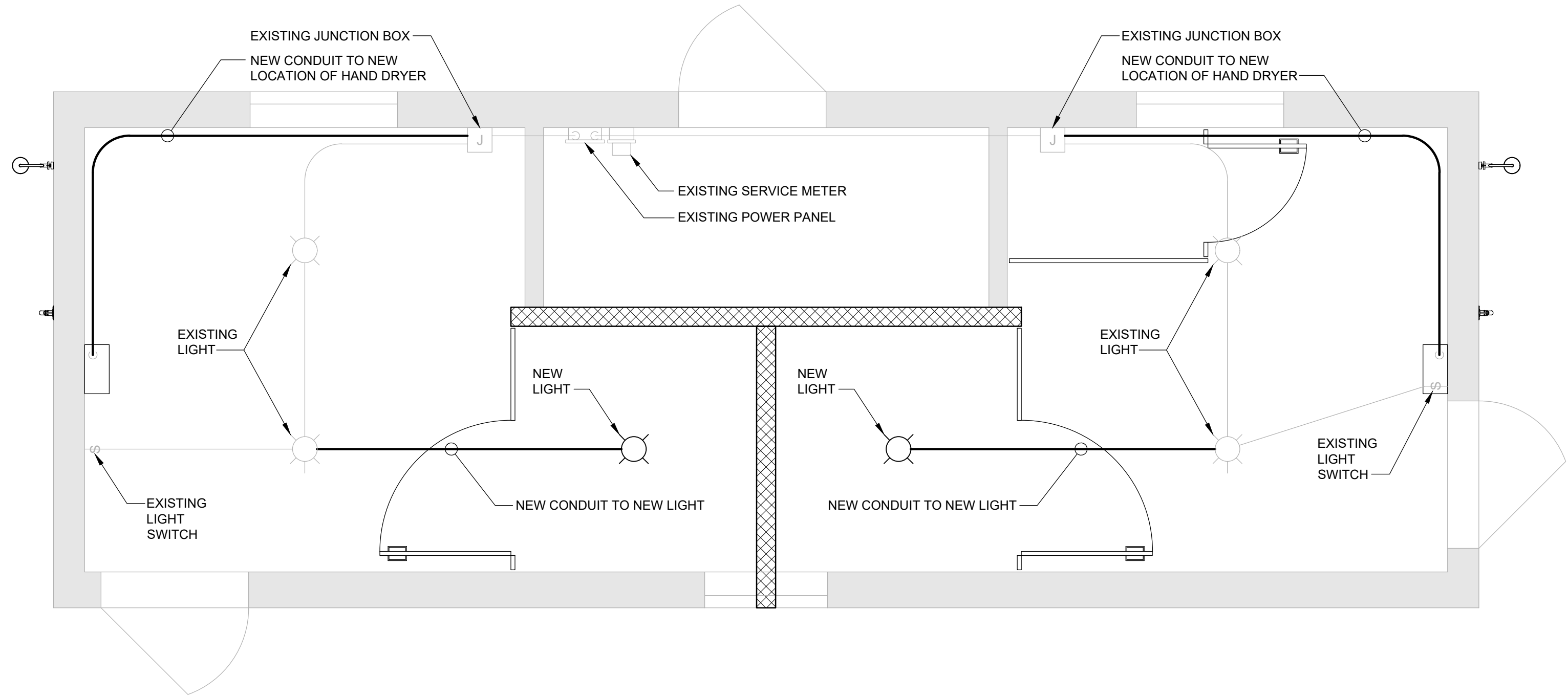


LAVATORIES & SINK DIMENSIONAL CRITERIA

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

EQUIPMENT SCHEDULE


MARK	PRODUCT	NUMBER	MODEL	COLOR/FINISH	SIZE	MANUFACTURER
⊗	CEILING MOUNTED LIGHT FIXTURE	6	INCANDESCENT CEILING-MOUNT VAPOR LIGHT VC150I M12 150 W	GRAY	N/A	LITHONIA LIGHTING
□	WALL-MOUNTED HAND DRYER	2	XL-W XLERATOR HAND DRYER	WHITE EPOXY PAINTED	12.31"x11.41"x6.69"	EXCEL DRYER

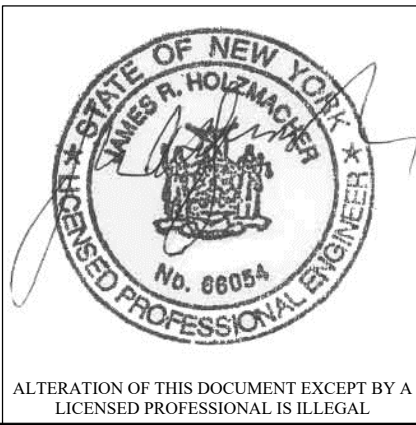


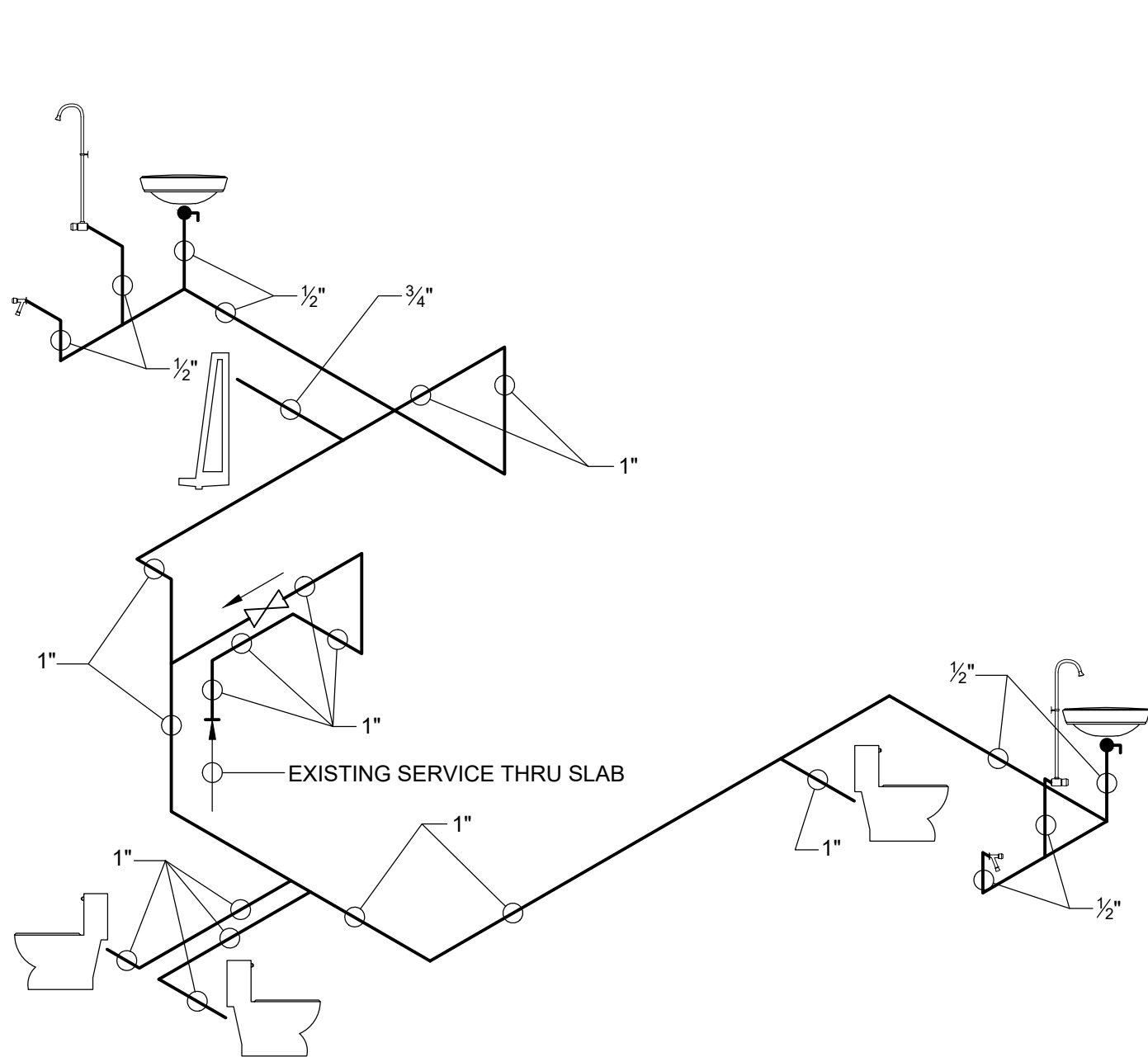
ELECTRICAL PLAN

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

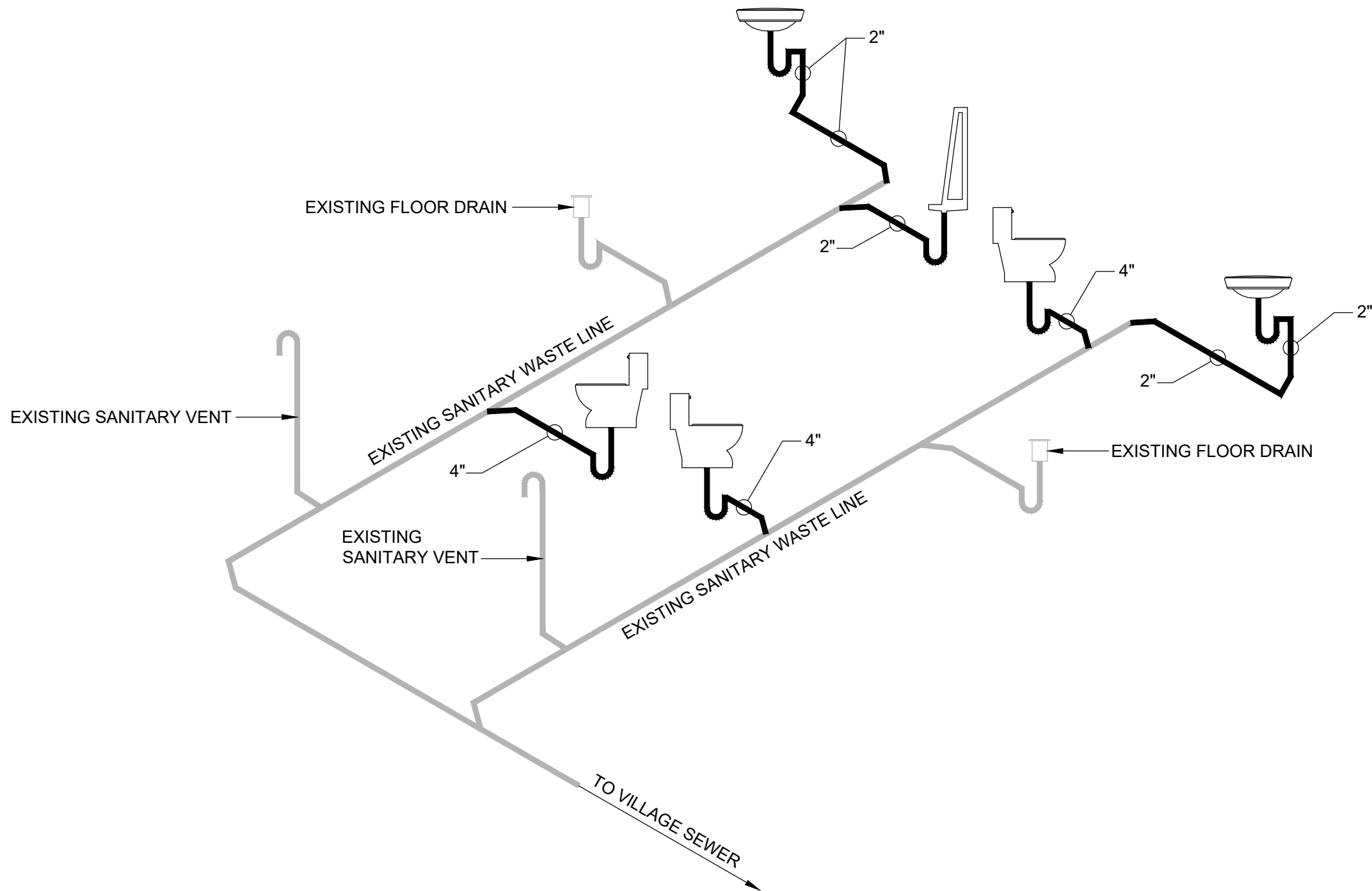
NOTE:
REPLACE ALL EXSITING INTERIOR LIGHT FIXTURES WITH MODEL SPECIFIED IN EQUIPMENT SCHEDULE.

1	11/05/20	JRH	ISSUED FOR BID
REV	DATE	CK	DESCRIPTION
REVISIONS			
Village of Greenport Restroom Remodel for ADA Compliance 5th Street Park Greenport, NY 11944			
J.R. HOLZMACHER P.E., LLC  The Third Generation of Excellence In Water Supply, Water Resources, Civil and Environmental Engineering 3555 Veterans Memorial Highway, Suite A, Ronkonkoma, NY 11779 PHONE: (631) 234-2220 FAX: (631) 234-2221 E-MAIL: info@holzmacher.com			
SHEET TITLE: ELECTRICAL PLAN, EXTERIOR ELEVATIONS & DETAILS			
DESIGNED BY:	PDC	SCALE:	AS NOTED
REVIEWED BY:	JRH	DATE:	November 5th, 2020
PLAN SHEET BY:	PDC	PROJECT NO:	GrptV 19-02

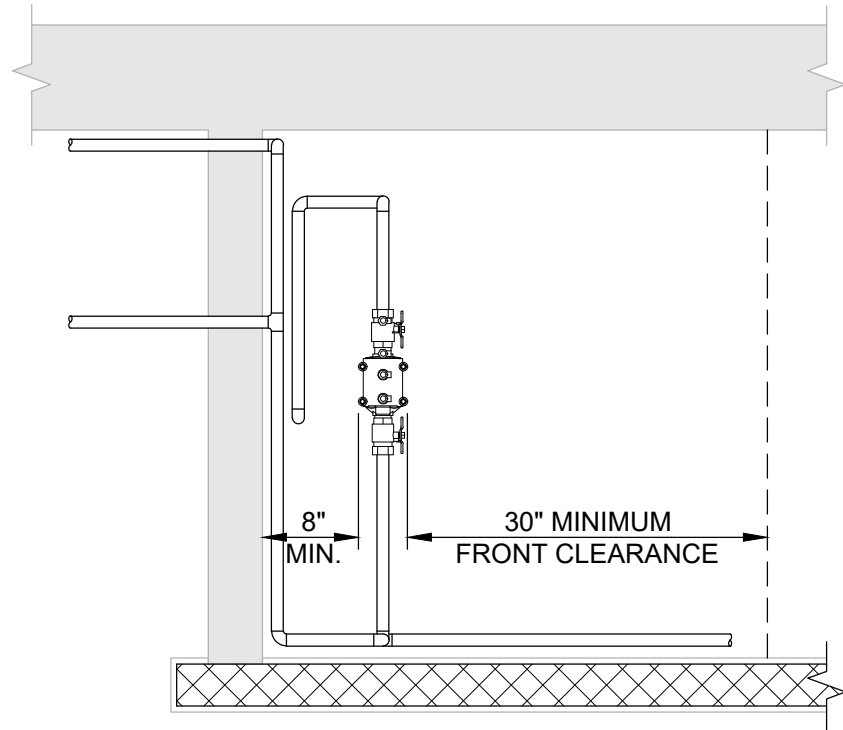




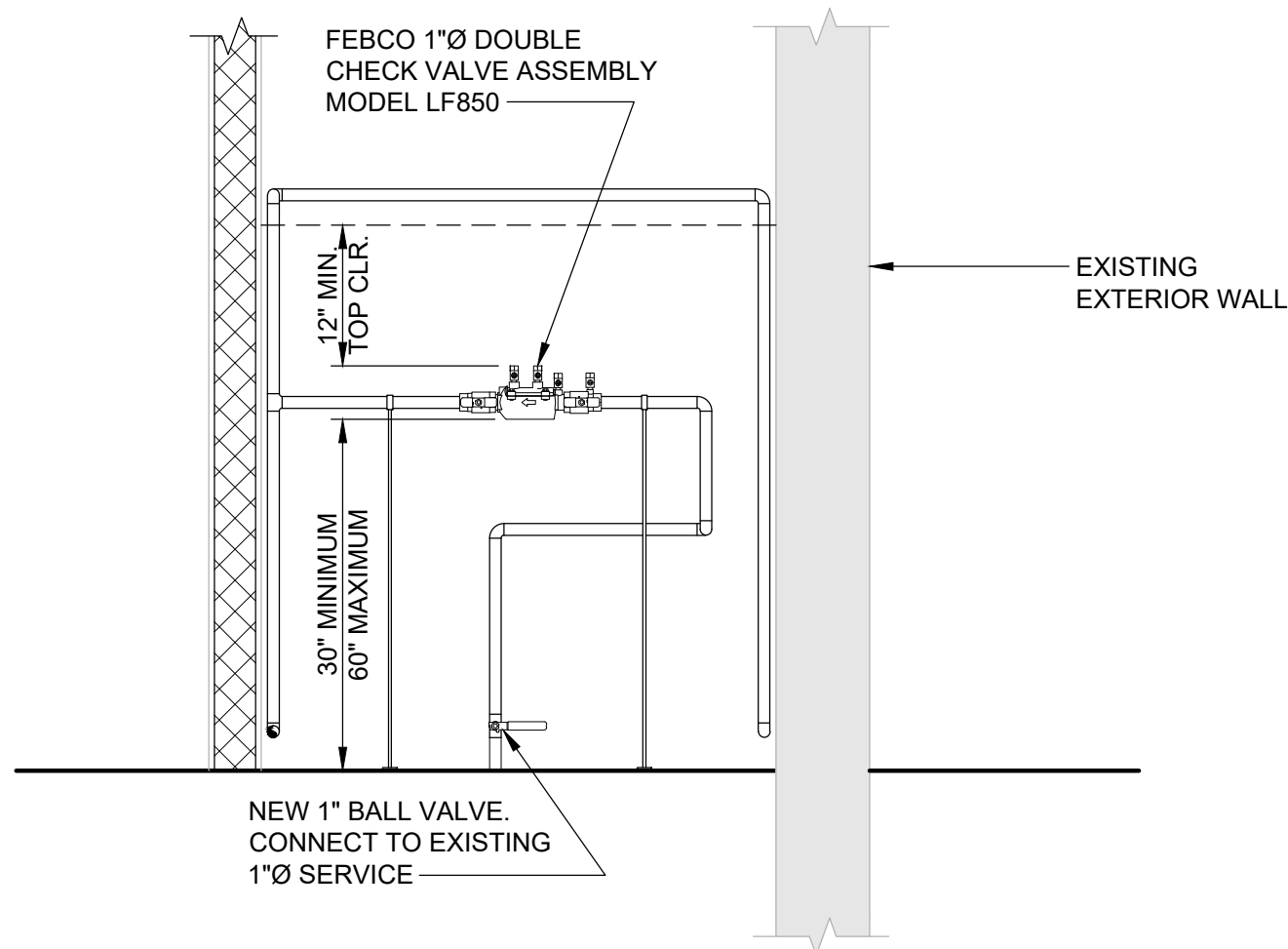
DOMESTIC WATER RISER DIAGRAM
SCALE: N.T.S.



SANITARY WASTE RISER DIAGRAM
SCALE: N.T.S.



DOUBLE CHECK VALVE ENLARGED PLAN
SCALE: 3/4" = 1'-0"

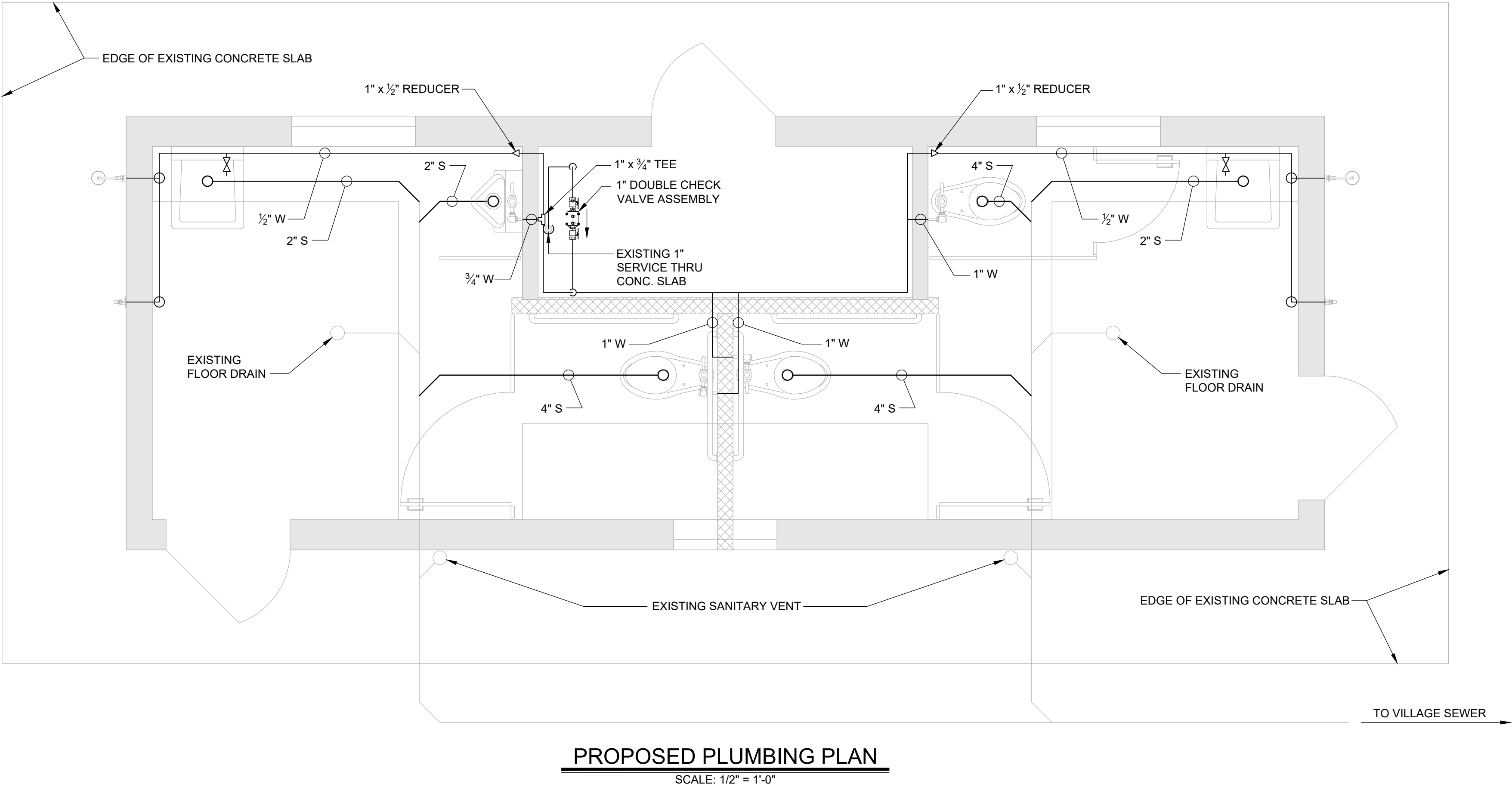


DOUBLE CHECK VALVE ELEVATION
SCALE: 3/4" = 1'-0"

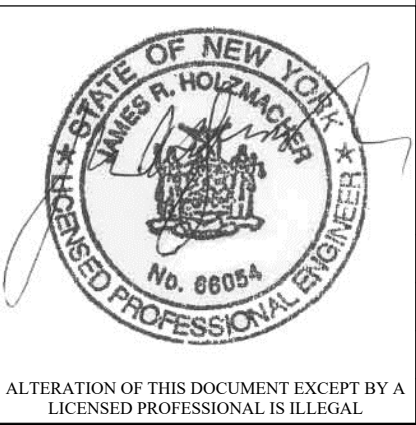
- NOTES:
- REFER TO PLUMBING NOTES ON DRAWING T-1.
 - VERIFY EXISTING CONDITIONS IN FIELD. NOTIFY ENGINEER OF ANY DISCREPANCIES WITH DRAWINGS.

MARK	PRODUCT	NUMBER	MODEL	COLOR/FINISH	SIZE	MANUFACTURER
	WALL- MOUNTED SHOWER FIXTURE	2	WALL-MOUNTED SHOWER FIXTURE MODEL: WM-442-ADA	STAINLESS STEEL	1/2"x41" STAINLESS STEEL RISER	OUTDOOR SHOWER COMPANY
	WALL- MOUNTED FOOT SHOWER FIXTURE	2	WALL-MOUNTED FOOT SHOWER FIXTURE MODEL: WM-442-ADA	STAINLESS STEEL	FS-SS STAINLESS STEEL VALVE BODY WITH 2 1/4" FLANGE	OUTDOOR SHOWER COMPANY

SCHEDULE OF PIPING MATERIAL	
SYSTEM OR EQUIPMENT	MATERIAL
DOMESTIC COLD WATER, HOT WATER PIPING	COPPER WATER TUBE TYPE "L" WITH SILVER SOLDER FITTING TYPE "K" UNDERGROUND INSULATION
UNDERGROUND SOIL, WASTE AND VENT PIPING	DUCTILE IRON PIPE AND FITTINGS EXTRA HEAVY, WATER MAIN STANDARDS
SOIL AND WASTE PIPING ABOVE GROUND	DUCTILE IRON PIPE AND FITTINGS SERVICE WEIGHT, WATER MAIN STANDARDS
VENT PIPING ABOVE GROUND	PVC
JOINTS - CAST IRON PIPE AND FITTINGS	THREADS CUT WITH MACHINE, PIPE REAMED, MADE UP WITH APPROVED JOINT COMPOUND. NO WICKING IS ALLOWED.
JOINTS - BLACK STEEL PIPE	THREADS CUT WITH MACHINE, PIPE REAMED, MADE UP WITH APPROVED JOINT COMPOUND. NO WICKING IS ALLOWED.
COPPER PIPE AND JOINTS	SURFACE FED SOLDER JOINT, SOLDERING ALLOT 95% TIN AND 5% ANTIMONY



PROPOSED PLUMBING PLAN
SCALE: 1/2" = 1'-0"



1	11/05/20	JRH	ISSUED FOR BID
REV	DATE	CK	DESCRIPTION
REVISIONS			
Village of Greenport			
Restroom Remodel for ADA Compliance			
5th Street Park			
Greenport, NY 11944			
J.R. HOLZMACHER P.E., LLC			
The Third Generation of Excellence In Water Supply, Water Resources, Civil and Environmental Engineering			
3555 Veterans Memorial Highway, Suite A, Ronkonkoma, NY 11779			
PHONE: (631) 234-2220 FAX: (631) 234-2221 E-MAIL: info@holzmacher.com			
SHEET TITLE: PLUMBING PLAN			
DESIGNED BY:	PDC	SCALE:	AS NOTED
REVIEWED BY:	JRH	DATE:	November 5th, 2020
PLAN SHEET BY:	PDC	PROJECT NO:	GrptV 19-02