

MADE BY \_\_\_\_\_ JOHN W. LEVY RA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION

# Westchester gov.com

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

# CONTRACT No. 17-539 NEW GOLF CART STORAGE FACILITY, AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE YORKTOWN, NEW YORK

#### SHEET NO. SHEET TITLE

#### **DPW FILE NO:**

001	PLUMBING SYMBOLS, ABBREVIATIONS & NOTES	10-02-P-62-0
101	CART STORAGE SHED PLUMBING DEMOLITION PLAN	10-02-P-63-0
02	<b>BATHROOM &amp; LOCKERS PLUMBING DEMOLITION PLAN</b>	10-02-P-64-0
201	CART STORAGE SHED PLUMBING NEW WORK PLAN	10-02-P-65-0
202	BATHROOM & LOCKERS PLUMBING NEW WORK PLAN	10-02-P-66-0
501	PLUMBING SCHEDULES	10-02-P-67-0
701	PLUMBING DETAILS 1 OF 2	10-02-P-68-0
702	PLUMBING DETAILS 2 OF 2	10-02-P-69-0
001	MECHANICAL SYMBOLS, ABBREVIATIONS & NOTES	10-02-M-70-0
201	CART STORAGE SHED MECHANICAL NEW WORK PLAN	10-02-M-71-0
202	BATHROOM & LOCKERS MECHANICAL NEW WORK PLAN	10-02-M-72-0
601	MECHANICAL SCHEDULES	10-02-M-73-0
701	MECHANICAL DETAILS 1 OF 2	10-02-M-74-0
702	MECHANICAL DETAILS 2 OF 2	10-02-M-75-0
01	ELECTRICAL SYMBOLS, ABBREVIATIONS & NOTES	10-02-Е-76-0
02	ELECTRICAL NOTES	10-02-Е-77-0
010	ELECTRICAL SITE DEMOLITION PLAN	10-02-Е-78-0
)20	ELECTRICAL NEW WORK SITE PLAN	10-02-Е-79-0
01	CART STORAGE SHED ELEC. DEMOLITION PLAN	10-02-Е-80-0
02	BATHROOM & LOCKERS ELEC. DEMOLITION PLAN	10-02-E-81-0
201	CART STORAGE SHED ELEC. LIGHTING PLAN	10-02-E-82-0
202	BATHROOM & LOCKERS ELEC. LIGHTING PLAN	10-02-E-83-0
801	CART STORAGE SHED ELEC. NEW WORK PLAN	10-02-E-84-0
302	BATHROOM & LOCKERS ELEC. NEW WORK PLAN	10-02-E-85-0
101	CART STORAGE SHED FIRE ALARM NEW WORK PLAN	10-02-Е-86-0
02	BATHROOM & LOCKERS FIRE ALARM NEW WORK PLAN	10-02-Е-87-0
501	ELECTRICAL ONE-LINE DIAGRAM	10-02-E-88-0
502	FIRE ALARM RISER DIAGRAM	10-02-E-89-0
601	ELECTRICAL SCHEDULES	10-02-E-90-0
<b>'</b> 01	ELECTRICAL DETAILS	10-02-E-91-0
/02	ELECTRICAL DETAILS	10-02-Е-92-0

TREAT ALL MATERIALS AND BUILDING COMPONENTS, REGARDLESS OF APPARENT CONDITION, WITH EXTREME CARE.

THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS, DIMENSIONS AND CLEARANCES IN THE FIELD AND NOTIFY THE ARCHITECT OF ANY APPARENT CONFLICTING CONDITIONS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK

DIMENSIONS ON THE DRAWINGS ARE FOR DESIGN ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING ALL MEASUREMENTS BEFORE COMMENCEMENT OF WORK. CONTRACTOR IS NOT TO SCALE DRAWINGS FOR DIMENSIONS.

INFORMATION IN THE CONSTRUCTION DOCUMENTS WHICH MAY APPEAR CONFLICTING, UNCLEAR OR SUBJECT TO INTERPRETATION MUST BE REFERRED TO THE ARCHITECT FOR INTERPRETATION PRIOR TO THE COMMENCEMENT OF WORK.

NO WORK IS TO BE PERFORMED BEYOND THE PROJECT LIMIT LINES EXCEPT WHERE INDICATED OTHERWISE. NO WORK IS TO BE PERFORMED BEYOND THE PROPERTY LINES.

THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE MAINTENANCE OF THE SITE AND BUILDING.

KEEP ALL BUILDING EXITS READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES. EXIT DOORS ARE TO BE READILY

PROVIDE AN APPROPRIATE SEPARATION AT THE JUNCTURE OF DISSIMILAR MATERIALS.

5-6-21 DATE

to refer

& TRANSPORTATION

APPROVED TO CONSTRUCTION GAYLE KATZMAN, P.E. FIRST DEPUTY COMMISSIONER DEPARTMENT OF PUBLIC WORKS

DATE

Alter Dom 14|2|APPROVED FOR CONSTRUCTION DATE

KATHLEEN M. O'CONNOR COMMISSIONER DEPARTMENT OF PARKS, RECREATION & CONSERVATION

Mr. Aller APPROVED FOR CONSTRUCTION

HUGH J. GREECHAN JR., P.E. COMMISSIONER DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION

71-0	TRANSPORTATION							
NAME & ADDRESS:	MOHANSIC GOLI	F COURSE, Y	ORKTOWN, N	IEW YORK				
TYPE OF WORK:	NEW GOLF CAR	NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRAD						
DESCRIPTION:	DEMOLISH THE ENTIRE EXISTING CART STORAGE SHED. CONST DRIVEWAY & PRE-FABRICATED METAL BUILDING, CART STORAGI STONE BASE BAND, WOOD CLAPBOARD, SLATE ROOF, WINDOWS BATHROOM IS RENOVATED WITH NEW LAYOUT, FIXTURES, SHOW							
CONSTRUCTION C				(1001, 11X10KE0, 0110V				
TYPE	APPLICABLE C	ODES						
BUILDING	2015 IBC - INTER	NATIONAL B	UILDING COD	DE*				
PLUMBING	2015 IPC - INTER	NATIONAL P	LUMBING CO	DE*				
MECHANICAL	2015 IMC - INTER		ECHANICAL	CODE*				
ELECTRICAL	2015 IEC - INTER	NATIONAL E	LECTRICAL C	ODE*				
FIRE PROTECTION	2015 IFC - INTER	NATIONAL FI	RE CODE*					
ENERGY	2015 IECC - INTE	RNATIONAL	ENERGY CON	SERVATION CODE*				
EXISTING BUILDING	2015 IEBC - INTE	RNATIONAL	EXISTING BU	LDING CODE*				
RESIDENTIAL	2015 IRC - INTER	NATIONAL R	ESIDENTIAL	CODE*				
FUEL GAS	2015 IFGC - INTE	RNATIONAL	FUEL GAS CO	DE*				
PROPERTY	2015 IPMC - INTE	RNATIONAL	PROPERTY N	AINTENANCE CODE*				
* ALL CODES AS ADOP	TED BY NEW YOR	K STATE WI	TH APPLICAB	LE STATE & LOCAL AMN				
CODE DATA								
CATEGORY	REQUIREMENT	CODE REF.	PROVIDED	REMARKS				
CONSTRUCTION TYPE		TABLE 601	TABLE 601					
USE GROUP	S-1	SEC, 311.2	SEC. 311.2					
ALLOWABLE AREA	UNLIMITED	TABLE 503	TABLE 503					

PARKS DEPT .: WESTCHESTER COUNTY DEPARTMENT OF PUBLIC

CATEGORY	REQUIREMENT	CODE REF.	PROVIDED	REMARKS
CONSTRUCTION TYPE	1-B	TABLE 601	TABLE 601	
USE GROUP	S-1	SEC, 311.2	SEC. 311.2	
ALLOWABLE AREA	UNLIMITED	TABLE 503	TABLE 503	
ALLOWABLE HEIGHT	11 STORIES			
OCCUPANT LOAD	NA			
NUMBER OF EXITS	NA			
DISTANCE TO EXIT	NA			
EXIT WIDTH	NA			
FIRE SEPARATION	NA			
FINISHES				
EXIT CORRIDORS	NA			
EXIT PASSAGE	NA			
ROOMS	NA			

ENERGY CODE NOTE:

NA

FLOORS

**PROJECT INFORMATION** 

CLIEN

THE GOLF CART STORAGE FACILITY IN THIS PROJECT COMPRISES A NEW STORAGE FACILITY THAT IS SEASONAL USE ONLY & AS SUCH AN 'UN-CONDITIONED' STRUCTURE. THE BATHROOM UPGRADES COMPRISE IMPROVEMENTS TO LAYOUT, FIXTURES, SHOWERS & LOCKERS WITHIN THE EXISTING BUILDING. THERE ARE NO ALTERATIONS TO THE EXISTING BUILDING THERMAL ENVELOPE.

	Tox Mesidow Rdt RT. 2 Hanklin Ron Hanklin Ron Hohonske Golf Tow Mohonske Golf Tow Mohonske Golf Tow	202 Sevelt Park Viewood Wohansic Linke	RD.	Broad St	Amouvalk Amouvalk Amouvalk Amouvalk Prins Bringe Rd Prins Bringe Rd Amouvalk Amouvalk Prins Bringe Rd Amouvalk
	SITE			LOCATI	ON PLAN
VORKS &	OCCUPANCY TOTAL AREA NA CALCULATIONS				· · ·
	NA = NOT APPLICABLE FOR ZONING: TOWN OF YO		en e	ner versi el esta di dicente della di che den di schi di di di de di di che di schi a sta a frances con esp	
UCT NEW SLAB, BLDG. SHAL HAVE: & GARAGE DOORS. ERS & LOCKERS.	SECTIONBLOCK_ ZONING DISTRICT: R1-160 ( ZONING ITEM LOT AREA LOT FRONTAGE FRONT YARD REAR YARD SIDE YARD (ONE SIDE) SIDE YARD (TWO SIDES)	WESTCHESTER COUNTY) REQUIRED NA			
<u></u>	HEIGHT BUILDING AREA SITE COVERAGE FAR (FLOOR AREA RATIO)	NA NA NA NA			
NDMENTS	ENERGY CODE COMPL PER IEBC 811.1 ALTERATIO RELATE TO NEW CONSTRU NEW YORK STATE CLIMATE BUILDING IS 'NON-CONDITIC	NS SHALL CONFORM TO T ICTION ONLY. EZONE: 4 - PER ECCCNYS	-2016 COMMERCIAL PRESC		
			OL.	A Consulting Engineers 50 Broadway Hawthorne New York 10532 914.747.2800 olace.com	HILLMAN & MILEY CONSULTING ENGINEERS PLLC 235 Mamaroneck Avenue White Plains, NY 10605 914 - 428 - 0909
		MADE APP'D			
	NUMBER DATE	BY BY		REVISION	······································

RECORD	DRAWING	CERTIFICATION

AS BUILT - NO CHANGES

REVISION

PROJECT COORDINATOR

DATE

DATE: 6/4/21

10-02-T-34

SHEET NO. 1 OF 59

SHEET

T-10C

ONTRACT

17-539

NUMBER

SCALE:

SIGNATURE

TITLE

AS BUILT - CHANGES AS NOTED

DATE

CONTRACTOR NAME

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS

DIVISION OF ENGINEERING

NEW GOLF CART STORAGE FACILITY

AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE, YORKTOWN, NEW YORK TITLE, INDEX TO THE DRAWINGS 10-02-T-3

5/20/21

NAME

SIGNATURE

PROVIDE ALL MEANS NECESSARY TO INSTALL, INSPECT AND MAINTAIN AND REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO MINIMIZE THE EROSION AND UNSPECIFIED TRANSPORT OF SOIL FROM THE SITE.

#### 2. QUALITY ASSURANCE:

<u>a. generai</u>

- INSTALL AND MAINTAIN IN COMPLIANCE WITH NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. INSTALL IN ACCORDANCE WITH THE DRAWINGS OR NEW YORK:
- GUIDELINES FOR URBAN EROSION & SEDIMENT CONTROL, FOURTH PRINTING, 1997 (N.Y. GUIDELINES) OR THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MANUAL SERIES, WESTCHESTER COUNTY, NY, 1991 (W.C. GUIDELINES), WHICHEVER IS STRICTER.
- GRADE AND MAINTAIN SITE AT ALL TIMES SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED iii AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENTATION CONTROL FACILITIES.
- NO CHANGES TO THE SOIL EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MADE WITHOUT APPROVAL OF THE OWNER'S REPRESENTATIVE. NO MORE THEN FIVE ACRES OF SOIL, NOT PROTECTED BY EROSION AND SEDIMENTATION CONTROL
- MEASURES, CAN BE DISTURBED AT ANY TIME. vi. THE CONTRACTOR SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS RELATING TO THE PREVENTION AND ABATEMENT OF POLLUTION.
- PRODUCT DATA:
- SUBMIT MANUFACTURERS CATALOGUE CUTS, SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR SILT FENCES, FILTER FABRICS, EROSION CONTROL BLANKETS, TRASH ROCKS, ANTI-SEEP COLLARS AND SEDIMENT TRAP RISER AND BARREL PIPES.

#### 3. WORK SCHEDULE

- A. PRE-CONSTRUCTION PHASE
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- PRIOR TO CLEARING VEGETATION INSTALL PERIMETER SILT FENCE/HAY BALES AND SILT FENCE AT EXISTING DETENTION BASIN.
- 3. PRIOR TO GRUBBING AND GRADING WITHIN A SPECIFIC
- TEMPORARY SEDIMENT TRAPS TEMPORARY EARTH DIKES/SWALES.
- 4. PROTECT EXISTING PIPING TO REMAIN IN PLACE MAINTAINING ELEVATIONS.

#### **B. CONSTRUCTION PHASE:**

- INSPECT AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL THEIR REMOVAL AS SPECIFIED. INSPECT MEASURES AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A 0.5 INCH OR GREATER STORM EVENT. STABILIZED AREAS WILL BE INSPECTED MONTHLY UNTIL THE ENTIRE SITE IS STABILIZED. MAINTENANCE WILL BE COMPLETED WITHIN 7 DAYS OF DETERMINING ITS NEED. 2. WHEN EXCESS SOIL FROM EARTHWORK ACTIVITIES OCCURS, STABILIZE SOIL STOCK PILES.
- PROVIDE DUST CONTROL.
- KEEP PAVED ROADWAYS CLEAN AT ALL TIMES.
- TEMPORARILY STABILIZE AS SPECIFIED. FOLLOWING FINISHED GRADING INSTALL TEMPORARY OR PERMANENT STABILIZATION.
- IMMEDIATELY FOLLOWING THE INSTALLATION OF CATCH BASIN INLETS, INSTALL INLET PROTECTION.

#### C. POST CONSTRUCTION PHASE:

- STABILIZE AREA AND HAVE OWNER'S REPRESENTATIVE REVIEW AND APPROVE.
- REMOVE TEMPORARY EARTH DIKES AND VEGETATE AND PERMANENTLY STABILIZE THE RELATED DISTURBED AREAS.
- REMOVE SEDIMENT TRAP AND VEGETATE AND PERMANENTLY STABILIZE THE RELATED DISTURBED AREAS.
- COMPLETE WATER QUALITY BASINS, INCLUDING GRADING AND PLANTING. PERMANENTLY STABILIZE. HAVE OWNER'S REPRESENTATIVE REVIEW AND APPROVE STABILIZATION OF AREAS NOTED ABOVE.
- REMOVE PERIMETER SILT FENCE AND VEGETATE AND STABILIZE THE RELATED DISTURBED AREA. 6.

#### 4. PRODUCTS AND EXECUTION:

AS APPROVED BY WCDEF.

- A. NO PUMPING OR DE-WATERING INTO THE PUBLIC STORM SEWER MAIN WITHOUT PRE-FILTERING
- B. INLET PROTECTION: THE FILTER FABRIC SHALL BE "MIRAFI 700X" OR EQUAL.
- C. STABILIZED CONSTRUCTION AREA: THE FILTER FABRIC SHALL BE "MIRAFI 600X" OR EQUAL. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
- D. SILT FENCE: SILT FENCE FABRIC SHALL BE "MIRAFI 100X OR EQUAL. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD A MINIMUM 36 INCHES LONG AND TWO INCHES SQUARE. METAL POSTS SHALL BE STANDARD "T" AND "Ü" SECTION WEIGHING NOT LESS THAN ONE POUND PER LINEAR FOOT. WIRE FENCE BACKING SHALL BE A MINIMUM 141/2 GAGE WITH A MAXIMUM SIX INCH MESH OPENING AND SECURELY ATTACHED TO FENCE POSTS. POSTS SHALL EXTEND A MINIMUM OF 16 INCHES INTO THE GROUND.
- E. HALE BALE BARRIERS; WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD A MINIMUM 36 INCH LONG. METAL POSTS SHALL BE STANDARD "T" OR "U" SECTION WEIGHING A MINIMUM OF NOT LESS THAN ONE POUND PER LINEAR FOOT.
- F. TEMPORARY STABILIZATION:
- i. ESTABLISHMENT OF TEMPORARY GRASS COVER: PREPARE SEED BED, SCARIFY IF COMPACTED, REMOVE DEBRIS AND OBSTACLES SUCH AS ROCKS AND STUMPS AND SEED WITHIN 24 HOURS. AMEND SOIL, LIME SOIL TO PH OF 6.0 AND FERTILIZE AT A RATE OF 14 POUNDS PER 1000 SQUARE FEET WITH A 5-10-10 OR EQUIVALENT FERTILIZER. WORK AMENDMENTS A MINIMUM OF 4 INCHES INTO SOIL. IF SEEDING IN OCTOBER/NOVEMBER SEED SHALL BE CERTIFIED AROOSTOOK WINTER RYE @ 100 POUNDS PER ACRE, OTHERWISE SEED SHALL BE RYE GRASS (ANNUAL OR PERENNIAL) @ 30 POUNDS PER ACRE.
- MULCH: SMALL GRAIN STRAW MULCH SHALL BE APPLIED AT A RATE OF TWO TONS (100 TO 120 BALES) ii. PER ACRE. SLOPES GREATER THEN 50% SHALL BE IMMEDIATELY MULCHED WITH EROSION CONTROL BLANKETS. BLANKETS SHALL BE "BON TERRA S2 " INSTALLED AS RECOMMENDED BY MANUFACTURER.
- TREAT ALL DISTURBED AREAS AS NECESSARY TO PROVIDE DUST CONTROL. CONFORM TO LOCAL AND iii. STATE REGULATIONS GOVERNING THESE ACTIVITIES.
- INSTALL TEMPORARY STABILIZATION WITHIN 24 HOURS AFTER THE END OF CONSTRUCTION ACTIVITIES IN iv. AN AREA UNLESS THERE IS SNOW COVER OR CONSTRUCTION ACTIVITIES WILL RESUME WITHIN 21 DAYS.
- G. CONSTRUCTION VEHICLES: THOROUGHLY WASH DOWN ALL CONSTRUCTION VEHICLES EACH TIME THEY LEAVE THE SITE AND COVER WITH TARPAULINS AS NECESSARY TO PREVENT VEHICLE TRANSPORT OF SEDIMENT OFF-SITE. DIRECT WASTEWATER FROM WASH DOWN OPERATIONS TO A SEDIMENT TRAP.



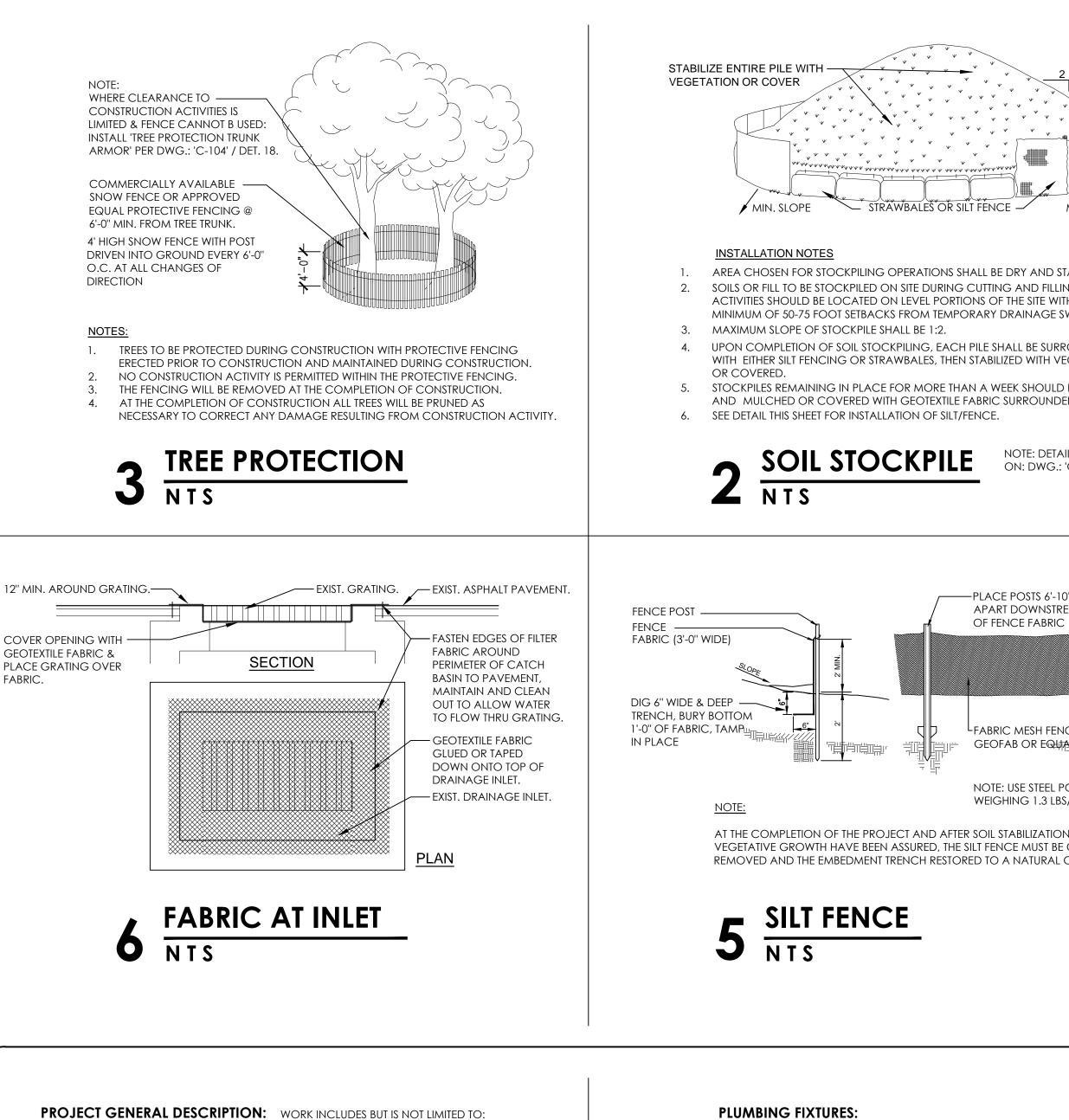
#### LEGAL NOTICE:

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE VII, SECT. 69.5 (B) OF NEW YORK STATE LAW.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

IN CHARGE OF	ADAM KAPLINSK	RA
CHECKED BY	ADAM KAPLINSK	RA
MADE BY	JOHN W. LEVY	RA

FABRIC.



PROJECT GENERAL DESCRIPTION: WORK INCLUDES BUT IS NOT LIMITED TO: DEMOLISH EX'G. CART STORAGE SHED. RETAIN ORIG. STONE SHED. DEMOLITION: DEMOLISH RELATED FOUNDATIONS. DEMOLISH EX'G. 2 ND. FLOOR CLUBHOUSE BATHROOM & SHOWER FIXTURES. **NEW GOLF CART** NEW PRE-ENGINEERED METAL BUILDING FOR CART STORAGE. **STORAGE FACILITY:** RE-PURPOSING OF EX'G. ORIGINAL SHED AS WORKSHOP. NEW WASH-WATER TREATMENT & FUELING EQUIP. & RELATED CANOPY. CLUBHOUSE RENOVATE EX'G. BATHROOM FOR NEW MENS & WOMENS BATHROOM, UPGRADES: SHOWERS & LOCKERS. RE-PURPOSE EX'G. BATHRM. & SHOWERS AS STORAGE & MECH. RM.

NEW GRADING, LAWNS, DRIVEWAYS, UTILITIES, DRAINAGE & SEPTIC.

#### USE & OCCUPANCY CLASSIFICATION

SITEWORK:

EXIT SIGNS:

EXIT WIDTH

CALCULATIONS:

MAX. TRAVEL:

EMERGENCY LIGHTS:

USE & OCCUPANC		ASSIFICATION.				
BUILDING OCCUPANCY:	'S-1'	OFFICES & BATHROOMS: MODERATE HAZARD STOR. LOW HAZARD STORAGE	3,030 S.F. / 100: 3,580 S.F. / 100: 300 S.F. / 300:			
CONSTRUCTION TYPE:	'2-B'		000 0.1 . 7 000.	TTERSON.		
SPRINKLERS:	NOT REQUIRED.		NOT PROVIDED.			
HEIGHT & AREA	' <b>B'</b> :	: OFFICES & BATHROOMS: 3,030 S.F. / 2 STORIES				
LIMITATIONS: TABLE 503:	'S-1'	MODERATE HAZARD STOR.	3,580 S.F. / 1 STORY.			
( BLDG. COMPLIES )	'S-2'	LOW HAZARD STORAGE	300 S.F. / 1 ST	.F. / 1 STORY.		
FIRE RATINGS:	STRU	CTURAL FRAME:	'0'			
	EXTE	RIOR BEARING WALLS:	'0'			
	INTEF	RIOR BEARING WALLS:	'0'			
	ROOF CONSTRUCTION:					
	FIRE	BARRIER WALL:	'2 HOURS' PRO	OVIDED.		
	COR	RIDORS:	'1 HOUR'' PRC	OVIDED		
MEANS OF EGRESS	:					
COMPONENT SPACES:	' <b>B'</b> :	OFFICES & BATHROOMS:	2 EXITS REQ'D. /	PROVIDED.		
	'S-1'	MODERATE HAZARD STOR.	2 EXITS REQ'D. /	PROVIDED.		
	'S-2'	LOW HAZARD STORAGE	2 EXITS REQ'D. /	PROVIDED.		

51'-0" MAX. DISTANCE TO NEAREST EXIT.

PROVIDED. PROVIDED. EXIT DOORS: 3'-0" CLEAR WIDTH X 0.2" = 180 PERSONS / EXIT. 2 EXITS PER SPACE REQ'D.: 360 PERSONS CAPACITY.

CLUBHOUSE UPGRADE	S:		
TYPE:	MENS	WOMENS	ACCESS:
TOILET:	1	2	1 ( EX'G. )
URINAL:	2	-	-
LAVATORY:	3	3	1 ( EX'G. )
SHOWER:	1	1	-
DRINKING FOUNTAIN:	( EX'	G. PROVIDEI	D.)
SERVICE SINK:	( EX'	G. PROVIDEI	D. )
CAPACITY: CLUBHOUS	SE: MALE	FEMALE	TOTAL SERVED:
TOILET:	1 / 125	1 / 65	255 PERSONS.
URINAL:	1 / 125		250 PERSONS.
LAVATORY:	1 / 200	1 / 200	1,200 PERSONS.
SHOWER:	1 / 100	1 / 100	100 PERSONS.
DRINKING FOUNTAIN:	1 / 500		500 PERSONS.

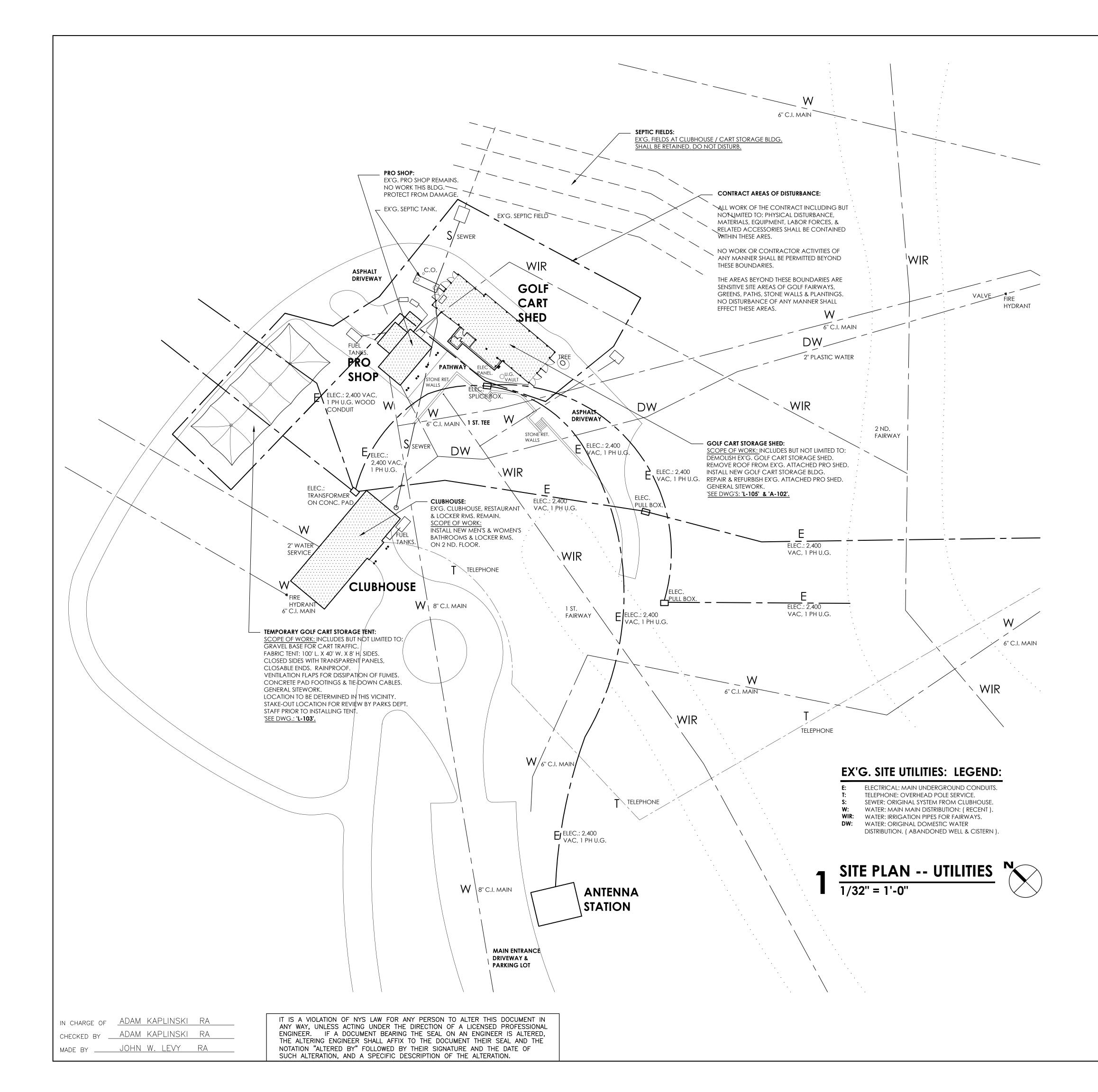
**SUMMARY:** THE FIXTURE QUANTITIES PROVIDED IN THIS FACILITY EXCEED THE ANTICIPATED POPULATION AT ANY GIVEN TIME.

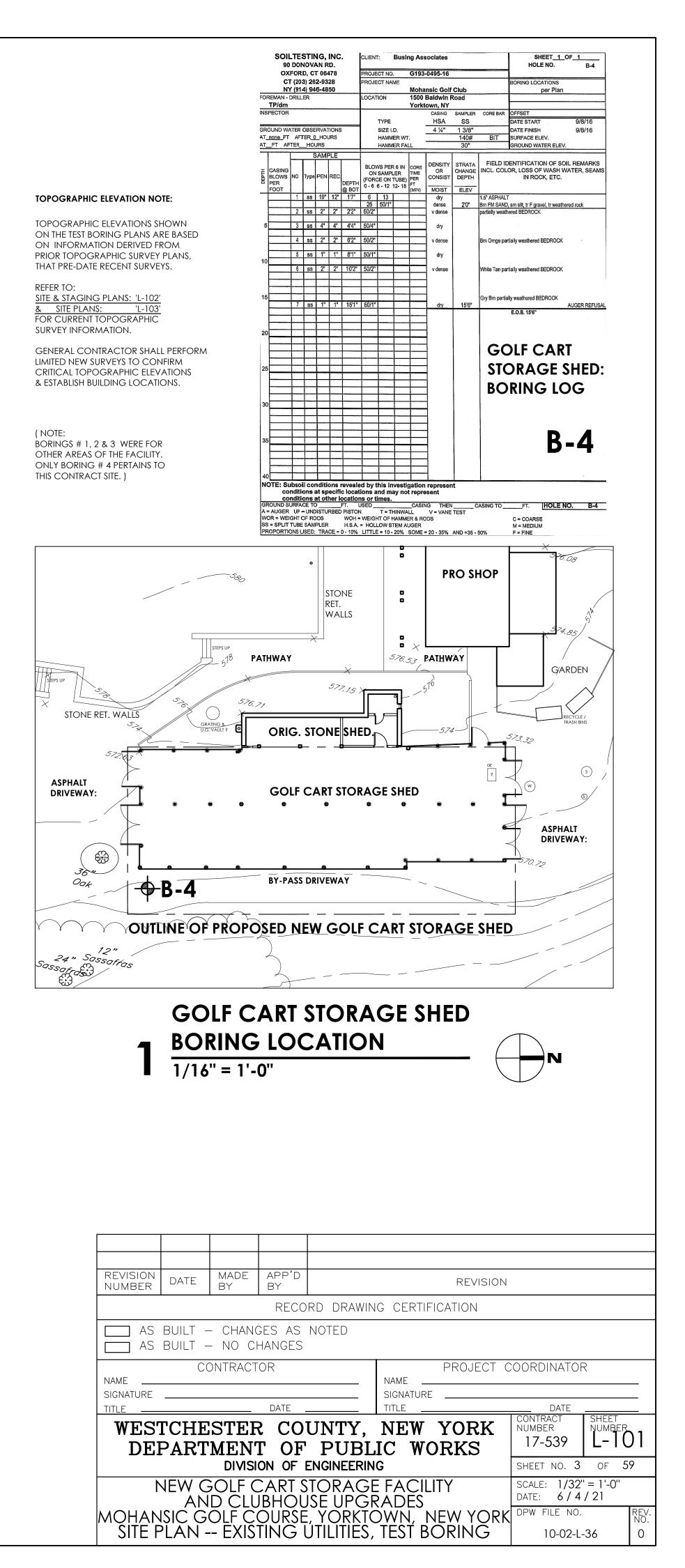
#### DDO IFOT & DUILDING INFORMATION.

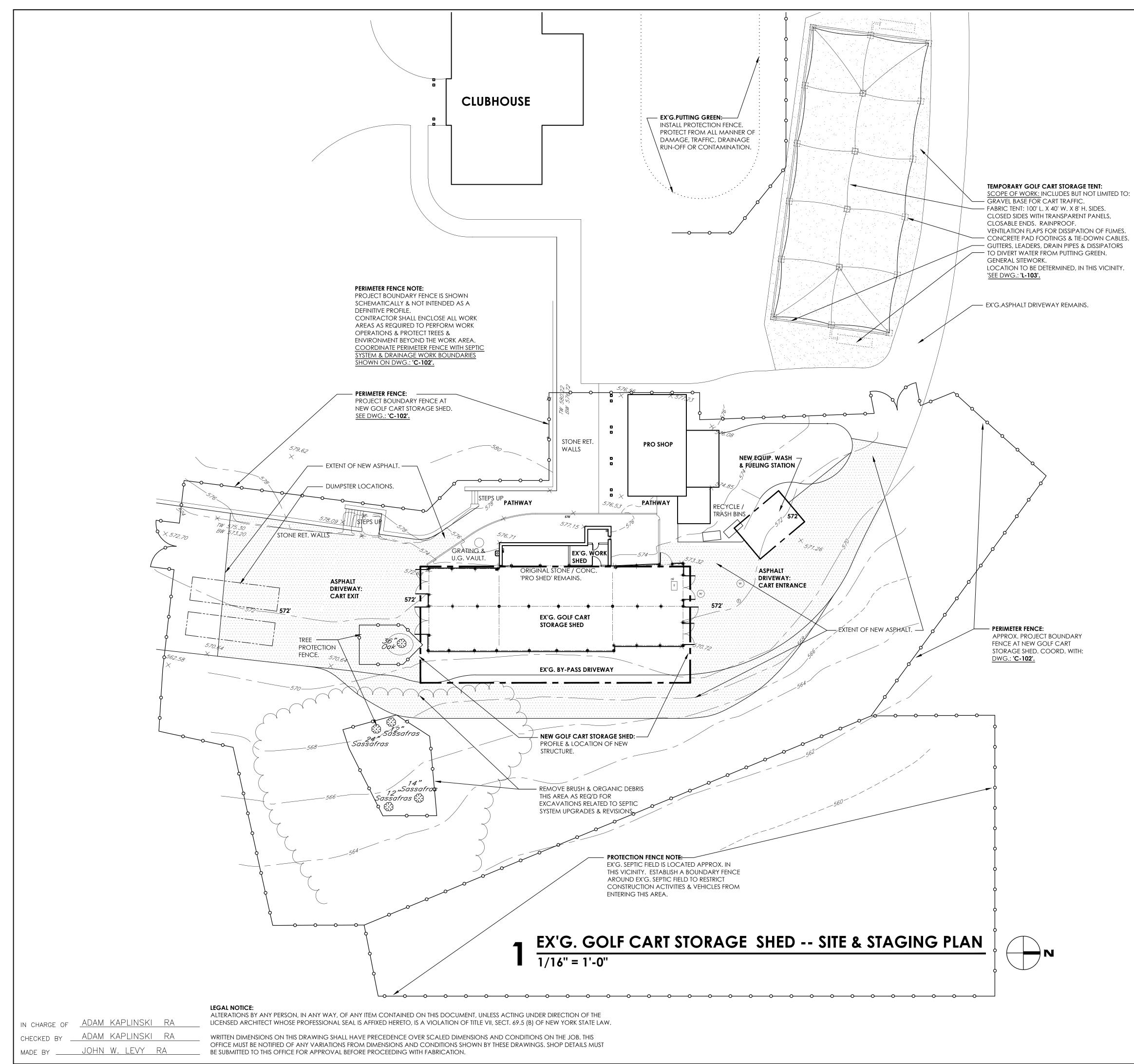
CLIENT NAME:	WESTCHESTER COUNTY, NEW YORK. DEPARTMENT OF PUBLIC WORKS & TRANSPORTATI
BUILDING NAME:	NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE, YORKTOWN, NEW YO
CLASSIFICATION	STORAGE FACILITIES: NEW CONSTRUCTION
OF WORK:	CLUBHOUSE UPGRADES: RENOVATION.
START DATE:	AUTUMN 2020 ( ANTICIPATED ).
COMPLETION DATE:	SPRING 2021 (ANTICIPATED).
APPLICABLE	2015 IBC, 2015 IPC, 2015 IMC, 2015 IFC, 2015 IEC
BUILDING CODES:	ANSETTZ (A.D.A.)

**BUILDING CODE NOTES** 

SLOPE OR LESS SLOPE OR LESS MIN. SLOPE MIN. SLOPE ANN. SLOPE	<image/> <section-header><text><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></text></section-header>
OSTS OSTS OFF. AND COMPLETELY CONDITION.	<complex-block>          SEE FLAN           I CLEAN STONE           COMPACEED           SUBCRADE           SUBCRADE&lt;</complex-block>
ATION. <u>YORK</u> TION. IECC, DPE.	REVISION DATE       MADE APP'D REVISION         NUMBER       DATE         BY       RECORD DRAWING CERTIFICATION         RECORD DRAWING CERTIFICATION         AS BUILT - CHANGES AS NOTED         AS BUILT - NO CHANGES         CONTRACTOR         NAME         SIGNATURE         DATE
	TITLE       DATE       TITLE       DATE         WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING       SHEET NO. 2       SHEET NUMBER 17-539       SHEET NUMBER L-100         NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES       SCALE: 1/4" = 1'-0" DATE: 6/4/21       SCALE: 1/4" = 1'-0" DATE: 6/4/21         MOHANSIC GOLF COURSE, YORKTOWN, NEW YORK EROSION CONTROL CODE NOTES       DPW FILE NO.       REV. 10-02-L-35







### SITE & STAGING NOTES:

#### REFER TO GENERAL CONDITIONS & SITE SPECIFIC REQUIREMENTS FOR SAFETY & SECURITY OF WORK AREAS & PUBLIC SPACES.

WORK AREA BOUNDARY:

1. ALL WORK & EQUIPMENT SHALL BE CONTAINED WITHIN THE PERIMETER FENCE. 2. REVIEW OTHER REQUIRED WORK AREAS WITH OWNER IN ADVANCE.

- 2. CHAIN LINK FENCE SHALL BE DARK GREEN VINYL COATED. 3. INSTALL GREEN PCV NEEDLE 'HEDGELINK' PRIVACY INSERTS IN ENTIRE FENCE AREA & GATES.
- 4. ASSURE POSITIVE SEPARATION FROM WORK AREA TO PUBLIC AREAS. 5. INSTALL VEHICULAR & PERSONNEL GATES WHERE REQUIRED FOR THE WORK.

#### SECURITY:

- 1. MAINTAIN ALL GATES & ACCESS TO WORK AREAS IN A LOCKED POSITION TO RESTRICT UNAUTHORIZED ACCESS INTO WORK AREA.
- 2. DURING ACCESS OPERATIONS & MATERIAL MOVEMENT INTO THE WORK AREA, ESTABLISH PERSONNEL MONITORS TO PROTECT THE PUBLIC.
- 3. COORDINATE SCHEDULE OF OPERATIONS & MOVEMENTS 2 DAYS IN ADVANCE WITH MONITORS.

#### ACTIVE DRIVEWAYS:

- 1. DRIVEWAYS & PARKING AREAS ARE IN USE AT ALL TIMES.
- 2. ARRANGE TRUCK & DELIVERY TRAFFIC TO CREATE A MINIMUM OF DISTURBANCE TO DRIVEWAYS & PARKING.
- 3. NOTIFY OWNER 2 DAYS IN ADVANCE OF POTENTIAL VEHICULAR OBSTRUCTIONS TO DRIVEWAYS & PARKING.

GENERAL PROTECTIONS:

- 1. ASSURE FULL PROTECTION OF PUBLIC SAFETY AT ALL TIMES, DAY & NIGHT.
- 2. PROTECT EX'G. PROPERTY FROM DAMAGE DUE TO WORK OR RELATED OPERATIONS.
- 3. PROTECT TREES, SHRUBS, PATHS & CURBS FROM DAMAGE.
- 4. ITEMS DAMAGED AS A CONSEQUENCE OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS PART OF THE SCOPE OF THE CONTRACT.
- 5. REVIEW ALL CONDITIONS & POTENTIAL DAMAGE TO PROPERTY WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.

#### GENERAL SITEWORK REVIEW NOTE:

REVIEW ALL SITE DISTURBANCE IN THE FIELD PRIOR TO PERFORMING ANY SITE MOBILIZATION OR OPERATIONS. REVIEW PROPOSED METHODS, EQUIPMENT, MATERIALS & EXTENTS WITH ARCH., CIVIL ENGINEER & OWNER PRIOR TO OCCUPYING SITE. MAINTAIN POSITIVE BOUNDARY FENCE A MIN. 50' CLEAR OF ALL FAIRWAYS AT ALL TIMES.

#### TREE PROTECTIONS & REMOVALS:

#### TREE PROTECTIONS

EX'G. TREES SHALL REMAIN UNLESS SPECIFICALLY NOTED FOR REMOVAL. REVIEW EXTENT OF ALL EXCAVATION & CONSTRUCTION ACTIVITIES & EQUIPMENT MOVEMENT IN VICINITY OF TREES. LAYOUT ALL BOUNDARIES IN FIELD WITH ARCH. PRIOR TO ANY WORK. PROTECT ALL TREES WITHIN THE CONSTRUCTION BOUNDARY TO REMAIN. ENCLOSE TREES IN A BARRIER FENCE UP TO THE DRIP LINE TO PROTECT GROUND ROOTS. REVIEW ALL TREE PROTECTIONS WITH ARCH. & OWNER PRIOR TO ANY WORK.

#### TREE REMOVALS

REVIEW PROCEDURE FOR REMOVALS WITH ARCH. & OWNER PRIOR TO WORK. ESTABLISH DIRECTION & EXTENT OF FALL, EXTENT OF DAMAGE TO ADJACENT TREES & PLANTINGS, & EXTENT OF GRADE DISTURBANCE TO PROCESS THE TREE FOR REMOVAL.

REMOVE STUMP & ROOTS TO A DEPTH OF 4'-0". REMOVE ALL TRUNKS, BRANCHES, TWIGS, LEAVES, CHIPPINGS & OTHER REMNANTS OF THE TREE FROM THE SITE.

#### **TOPOGRAPHIC SURVEY NOTE:**

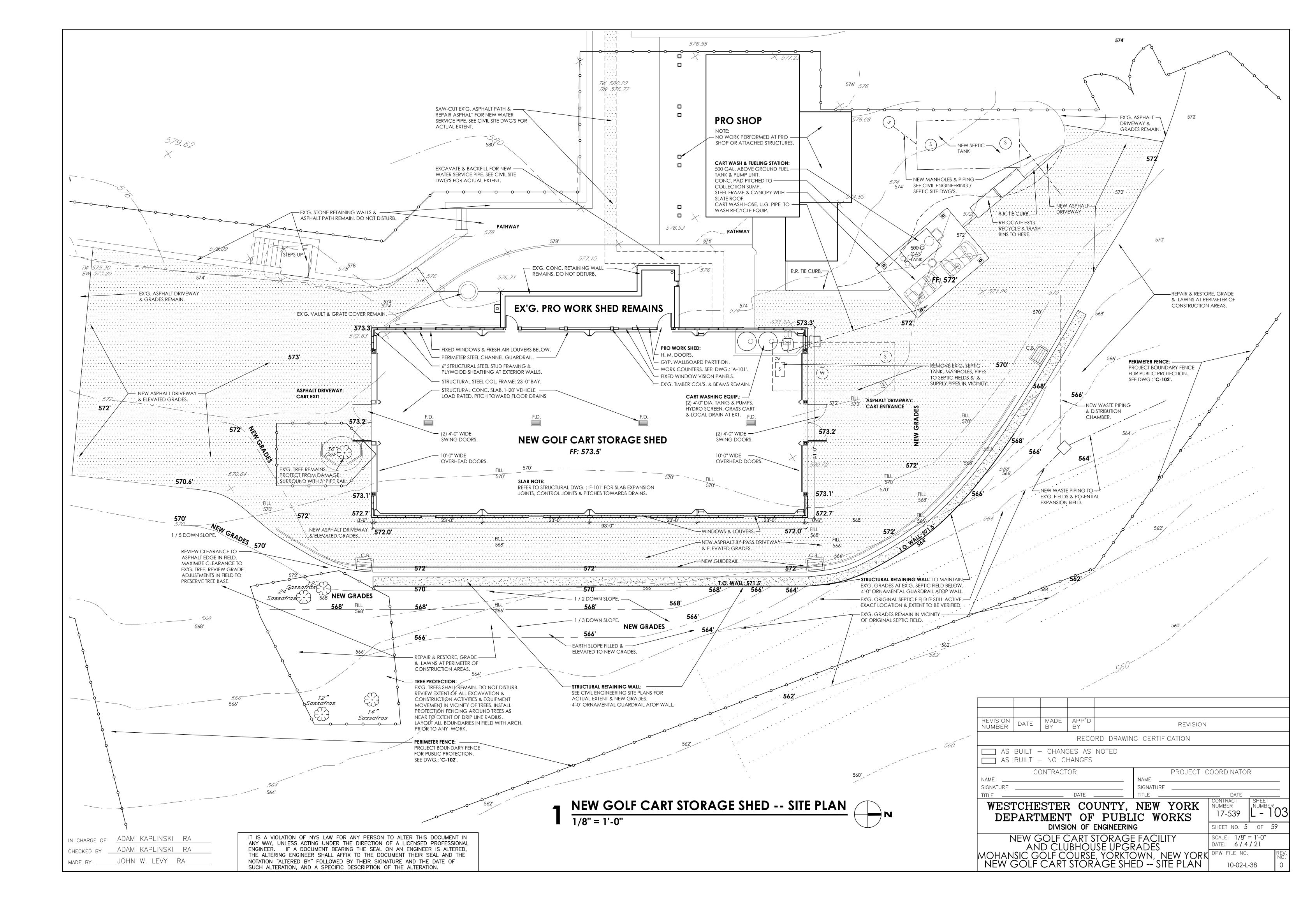
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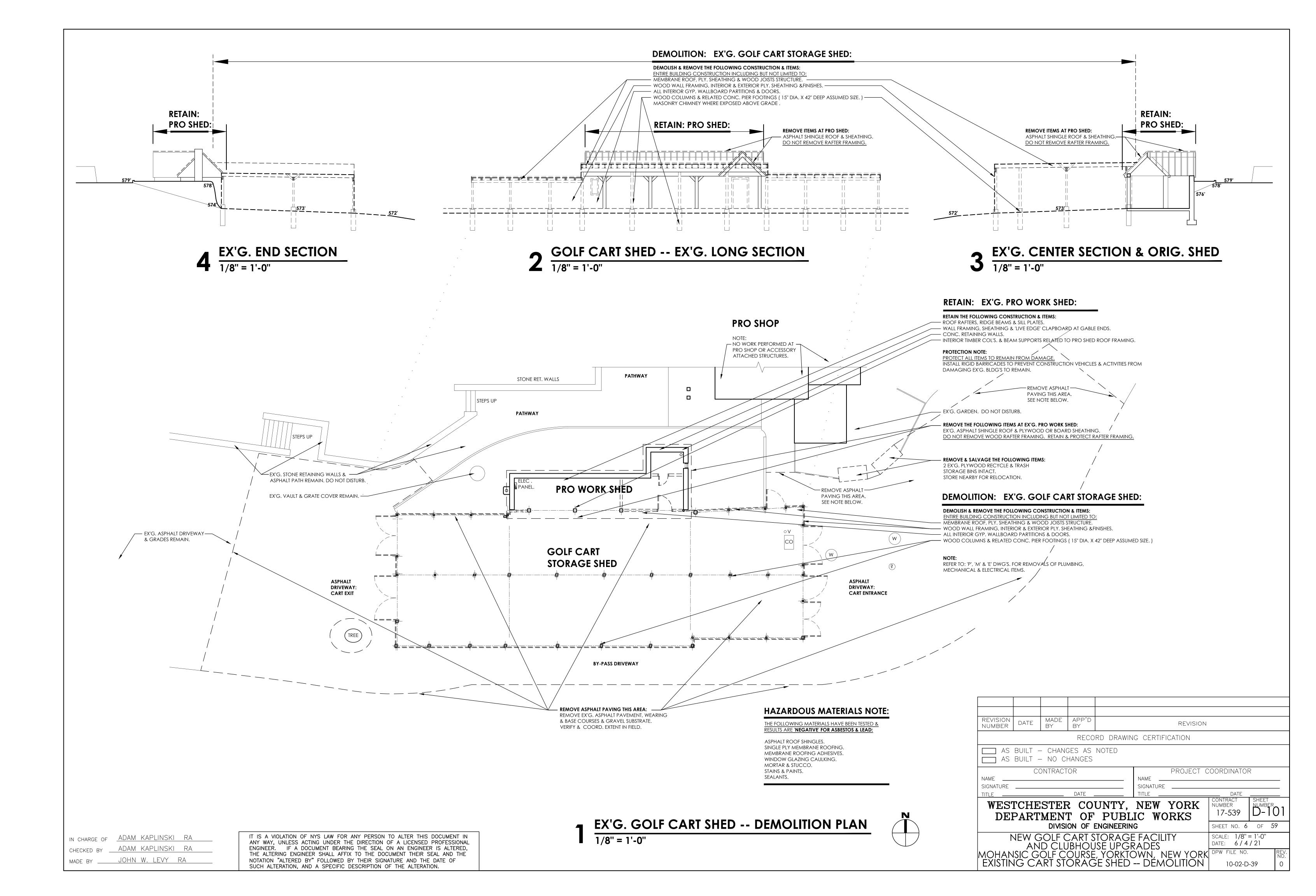
#### WARD CARPENTER ENGINEERS, INC. 76 MAMARONECK AVE.

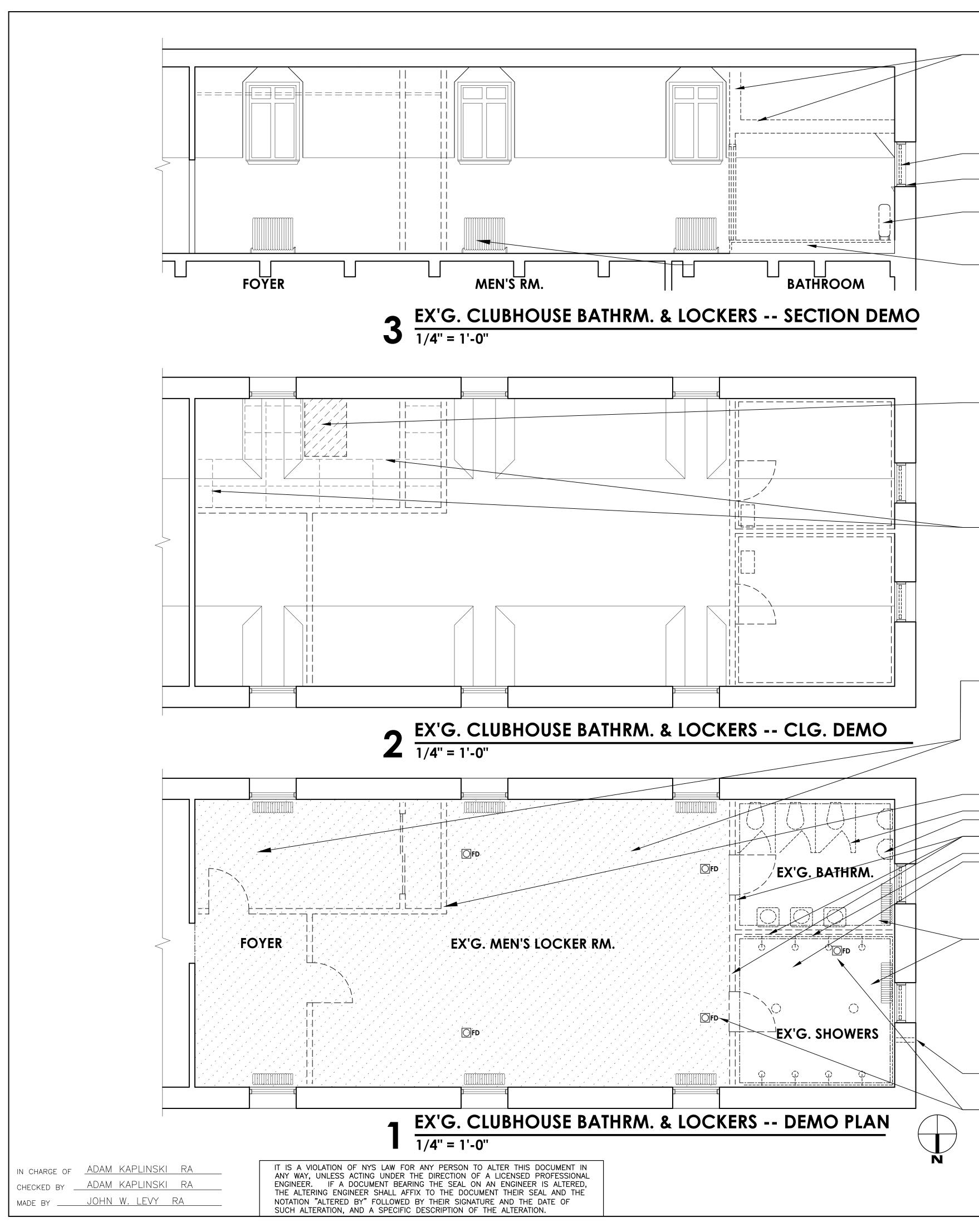
 WHITE PLAINS, NY 10601
 914 - 949 - 6000

 SURVEYS WERE PREPARED:
 2 / 14 / 17 & 2 / 31 / 17.

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REMOVE FRONT WALL AT EX'G. BATHROOMS & SHOWERS. REMOVE RELATED CEILING & FRAMING.

#### DEMOLITION NOTE:

PERFORM REMOVAL CAREFULLY & REVIEW PROCEDURE WITH PROJECT REPRESENTATIVE PRIOR TO ANY WORK. PERFORM SEVERAL TEST OPENINGS IN EX'G. WALLS PRIOR TO FULL DEMOLITION TO DETERMINE EX'G. METHOD OF ATTACHMENT TO THE EXTERIOR WALLS & ROOF OF THE CLUBHOUSE.

REMOVE (2) EX'G. QUARTER-ROUND WINDOW SASHES &-GLAZING INTACT FROM PERIMETER FRAMES. SAW-CUT SASHES FROM FRAMES IF NECESSARY. EX'G. (2) QUARTER-ROUND PERIMETER FRAMES REMAIN

- REMOVE EX'G. STEAM RADIATORS. REMOVE EXTENSION PIPING AT RAISED RADIATORS. RETURN RADIATORS TO ORIGINAL POSITION ON

EX'G. 2 ND. FLOOR OF BLDG.

- REMOVE RAISED FLOOR, RELATED WALLS & FINISHES. SEE REMOVAL NOTE BELOW.

### **DEMOLITION: CEILINGS:**

PLASTER CEILING DAMAGE NOTE:

REMOVE ALL SPALLED PLASTER & RELATED DAMAGED METAL LATH AT ROOF IFAK.

SAW-CUT PLASTER TO NEAREST SOUND MATERIAL. RE-SUPPORT OR RE-FRAME METAL TO MAINTAIN CLG. INTEGRITY IN AREA OF REPAIR.

ROOF LEAK REPAIR NOTE: CONTRACTOR SHALL INVESTIGATE AREA OF SUSPECTED ROOF LEAK WITH ARCH.

DETERMINE SOURCE OF ROOF LEAK & REVIEW REPAIR PROGRAM WITH ARCH. GRID CLG.:

- REMOVE EX'G. SUSP. GRID & TILE CLG. IN STORAGE RM. & CLOSET. -

### HAZARDOUS MATERIALS NOTE:

THE FOLLOWING MATERIALS HAVE BEEN TESTED & RESULTS ARE 'NEGATIVE' FOR ASBESTOS': PLASTER, GYPSUM DRYWALL, COMPOUND, CAULK.

CLG, TILES, CERAMIC TILE & GROUT.

THE FOLLOWING MATERIALS HAVE BEEN TESTED & RESULTS ARE 'POSITIVE FOR LEAD':

PAINT AT PLASTER INTERIOR.

PAINT AT CONC. FLOOR. PAINT AT RADIATOR PIPING.

REMOVE PAINT COATINGS FROM CONC. FLOOR THIS ENTIRE OOR AREA IN PREPARATION FOR NEW FLOOR TILE FINISHES DEMOLITION, REMOVAL & FLOOR PREPARATION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH:

NYS CODE RULE 56' & 'LEAD SAFE PRACTICE GUIDELINES.'

### **DEMOLITION:** EX'G. MEN'S LOCKER & BATHROOM.

DEMOLISH & REMOVE THE FOLLOWING CONSTRUCTION & ITEMS: GYP. WALLBOARD PARTITIONS & RELATED DOORS AT FRONT WALL, STORAGE RM. & CLOSET.

- TOILET STALL PARTITIONS AT EX'G. BATHRM.

- TOILETS, URINALS, LAVATORIES & ALL RELATED PIPING ABOVE FLOOR. MIRRORS & ALL BATHROOM ACCESSORIES. - REMOVE DIVIDING WALLS, DOORS & CENTER DIVIDING PARTITIONS AT EX'G. BATHRM. & SHOWER RM.

- CERAMIC TILE FINISH ON SHOWER WALLS. - SHOWER HEADS, FLOOR DRAINS & ALL RELATED PIPING ABOVE FLOOR. PIPING REMOVAL NOTE:

REMOVE PIPING TO 3" BELOW SURFACE OF EX'G. RAISED FLOOR. CAP & SEAL PIPING WITHIN RAISED FLOOR.

NOTE:

REFER TO: 'P', 'M' & 'E' DWG'S. FOR REMOVALS OF PLUMBING, MECHANICAL & ELECTRICAL ITEMS.

### RAISED FLOOR NOTE: EX'G. BATHROOM & SHOWER RM.:

THESE EX'G. SPACES ARE BUILT ON AN 8" HIGH RAISED FLOOR. FLOOR WAS RAISED ABOVE THE EX'G. 2 ND. FLOOR SLAB TO ACCOMMODATE THE NEW PLUMBING FOR THE BATHROOM & SHOWER RMS.

REMOVE THE EX'G. RAISED FLOORS: REMOVALS INCLUDES BUT ARE NOT LIMITED TO: FLOOR FINISHES, TOPPING, SLABS, SHEATHING. FRAMING & RELATED ATTACHMENTS & SHIMS.

doors & frames.

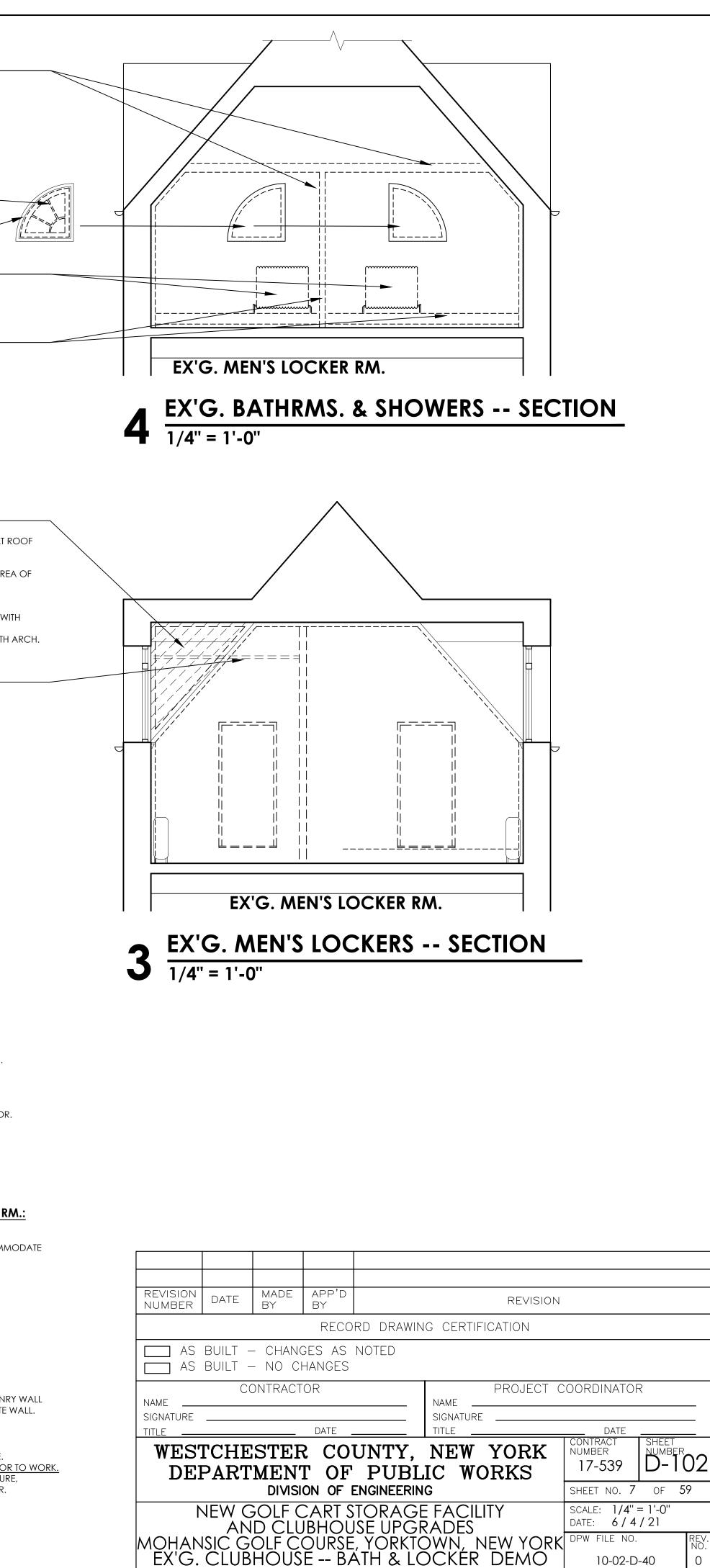
PLUMBING NOTE: DISCONNECT EX'G. STEAM RADIATORS FROM EX'G. PIPING.

### REFRIGERANT PIPING PASSAGE:

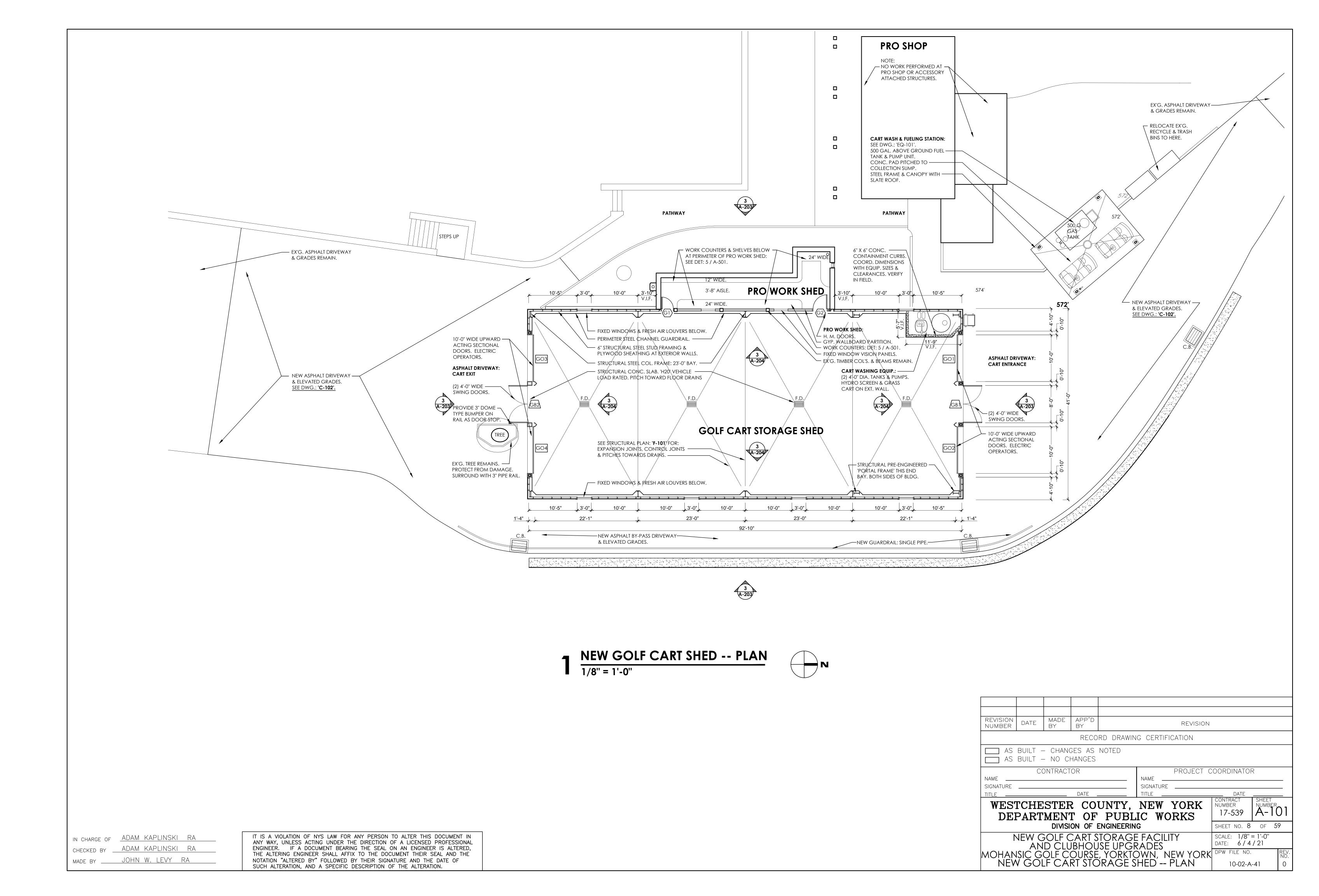
CORE DRILL EXTERIOR WALL WITH UP TO A 4" HOLE THROUGH MASONRY WALL & STONE VENEER. COORD. CORE DIA. WITH (3) 1" PIPES TO PENETRATE WALL.

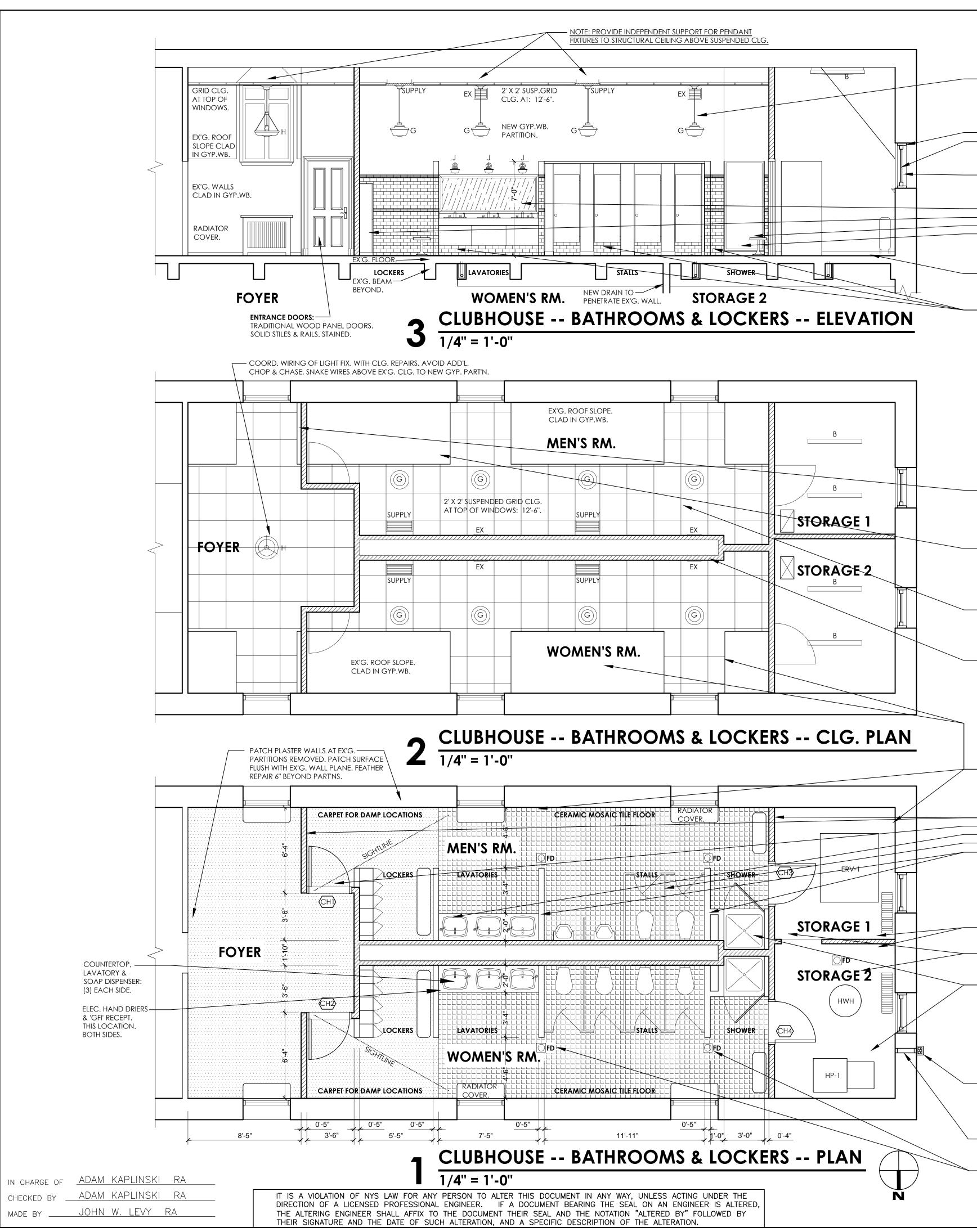
### FLOOR DRAINS: QTY. 5: OFD

CORE DRILL EX'G. CONC. SLAB WITH UP TO A 6" HOLE. COORD. CORE DIA. WITH FLOOR DRAIN BODY & 3" DISCHARGE PIPE. REVIEW & CONFIRM LOCATIONS IN THE FIELD WITH COUNTY REP. PRIOR TO WORK. COORDINATE LOCATIONS TO AVOID CONFLICTS WITH EX'G. STRUCTURE, PIPING & OTHER OBSTRUCTIONS IN THE PRO SHOP AT THE 1 ST. FLOOR.



10-02-D-40





#### SLATE ROOF NOTE: PLUMBING VENTS:

PROVIDE PENETRATION IN SLATE ROOF & SHEATHING FOR PLUMBING VENT PIPES. INSTALL FLEXIBLE BOOT & COORD. WITH SLATE SHINGLES. REPAIR OR REPLACE SLATES AS REQ'D FOR NEW VENT PENETRATION & BOOT FLASHINGS. COORD. LOCATION IN FIELD.

LIGHTING: (4) SCHOOLHOUSE PENDANT FIXTURES IN BATHROOMS. AT 9'-0" A.F.F. (1) PENDANT DECORATIVE FIX. IN FOYER. AT 9'-0" A.F.F. (3) WALL SCONCES OVER MIRROR. AT 7'-0" A.F.F. VERIFY IN FIELD. -PROVIDE EXTENSION STEMS TO 6'-0" MAX. LENGTH FOR ALL PENDANT FIXTURES. PROVIDE INDEPENDENT SUPPORT FOR PENDANT FIXTURES TO STRUCTURAL CEILING ABOVE.

- EX'G. (2) QUARTER-ROUND PERIMETER FRAMES REMAIN. -– FABRICATE & INSTALL (2) NEW SASHES TO DUPLICATE APPEARANCE — OF EX'G. MULLIONS: 1" 'MDO' EXT. PLYWOOD. PRIME & PAINT ALL FACES & EDGES. INSTALL GRAY ALUM. INSECT

SCREENS ON INTERIOR FACE OF NEW SASHES. SECURE SASH & SCREEN TO EX'G. WOOD FRAME. INSTALL 3/4" WOOD

MOULDING TO CLOSE EXT. GAPS. PAINT MOULDING & EX'G. FRAME. **INSTALL THE FOLLOWING ACCESSORIES:** SEE SPEC.: DIVISION 10: 'SPECIALTIES': MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, HAND DRIERS.

 LOCKERS: (3) CUSTOM LAMINATE. 2 TIER OFFSET HEIGHTS. BENCH AT LOCKERS & SHOWERS: CAST IRON PEDESTALS. HARDWOOD SEAT. SHOWER: PRE-CAST TERRAZZO FLOOR PAN. GLAZED TILE WALLS. OBSCURE TEMPERED GLASS SWING DOOR.

COUNTERTOP, LAVATORY & SOAP DISPENSER. SEE DETAIL: 'A - 501'. -REPAIR EX'G. FLOOR SURFACE & FLASH PATCH SMOOTH AT WALLS REMOVED. -INFILL CORE HOLES AT PIPES REMOVED WITH CONC. TO MAINTAIN FIRE

#### TILE FINISH NOTE:

SEPARATION AT FLOOR.

INSTALL WALL TILE AT: DIVIDING WALLS, LAVATORY & STALL: SIDE & REAR WALLS & SHOWER WALLS. INSTALL COVE BASE AND DECORATIVE BANDS AS DESCRIBED ON SECTION: '3 / A-501'. TILE EXTENDS TO 6'-0: HT.

#### SANITARY & WASTEWATER PIPING CHASES: ----

CONSTRUCT A HORIZONTAL CHASES TO CONCEAL SANITARY & FLOOR DRAIN PIPING FROM BATHROOM ABOVE (WHERE IT PENETRATES FLOOR & IS BELOW CEILING & BEAMS AT 1 ST. FLR. PRO SHOP ). CONSTRUCT 2 X 6 BACK-UP PLATE AGAINST EXT. CEILING, 1/2" 'MDO' PLYWOOD SIDES & 1 X 8 CLEAR PINE BOTTOM AS PIPE ENCLOSURE CHASES. PRIME & PAINT TO MATCH EX'G. CLG. SEAL CHASE TO CLG. & OTHER EX'G. SURFACES. SEE DETAIL: DWG. 'A-501'. APPROX. LENGTH OF CHASES: 70 L.F.

REVIEW DUCT CONFIGURATION IN FIELD. COORD. WITH CHASE -WALL & SUSP. CEILING ELEVATION.

#### **NEW WORK: CEILINGS:**

#### PLASTER CEILING REPAIR NOTE:

RE-SUPPORT OR RE-FRAME METAL LATH TO MAINTAIN CLG. INTEGRITY AT REPAIR. INSTALL NEW METAL LATH AS REQ'D. FOR NEW PLASTER REPAIR AREAS. SUSPEND FROM ROOF FRAMING WITH GALV. WIRE. INSTALL 3 COAT CEMENT PLASTER TO MATCH EX'G. THICKNESS.

CUT-BACK EX'G. PLASTER LAYERS IN 2" STEPS TO PROVIDE NEW LAYER OVERLAP. REPAIR PLASTER CLG. FLUSH AT PART'NS. REMOVED. BLEND & FEATHER REPAIR 6"

BEYOND PART'NS. SAND SMOOTH.

ROOF LEAK REPAIR NOTE: PERFORM REPAIRS TO DORMER & VALLEY FLASHINGS, ROOF WATER-PROOF MEMBRANES & SLATE SHINGLES AS REQUIRED TO REPAIR LEAK.

#### NEW SUSPENDED GRID CEILING:

INSTALL NEW 2' X 2' SUSP. GRID: STD. 1" 'T', WITH ANTI-SAG, ANTI MICROBIAL TILES SUITABLE FOR DAMP LOCATIONS. SET CLG. HEIGHT AT TOP OF EX'G. WINDOWS. PROVIDE A TRIANGULAR WOOD BLOCK TO CLOSE GAP BETWEEN 'T' GRID & SLOPED CLG. PROVIDE INDEPENDENT SUPPORT FOR PENDANT LIGHT FIXTURES.

#### **NEW PARTITIONS:** SECURE NEW STUD PARTITIONS TO EXG. METAL GRID STRUCTURE

ABOVE PLASTER CLG. TAPE GYP. WALLBOARD SURFACES INTO EX'G. PLASTER FINISH. REPAIR PLASTER DAMAGE AT PARTITIONS REMOVED.

### **NEW WORK:** MEN'S & WOMEN'S LOCKER & BATHROOM.

#### INSTALL THE FOLLOWING NEW CONSTRUCTION & ITEMS

GYP. WALLBOARD OVERLAY ON ALL VISIBLE & EXPOSED PLASTER WALLS, WINDOW -----DORMERS & SLOPED PLASTER CEILINGS: 3/8" GYP. WALLBOARD SCREW & ADHESIVE APPLIED TO EX'G. SURFACES. TAPE-IN CORNER BEADS & VARIABLE ANGLE METAL / PAPER TAPES TO CREATE STRAIGHT UNIFORM ANGLES & CORNERS.

#### **GENERAL SPACE ITEMS:**

GYP. WALLBOARD PARTITIONS. FULL HEIGHT TO PLASTER CLG. ABOVE. ENTRANCE DOORS: TRADITIONAL WOOD PANEL DOORS, STAINED. LEVER HARDWARE - LAVATORIES, URINALS & TOILETS. RELATED NEW PIPING. - TOILET STALL PARTITIONS: STAINLESS STEEL. FLOOR MOUNTED WITH HEADRAIL - GYP. WALLBOARD PARTITIONS. PARTIAL HEIGHT TO 7'-0".

#### FINISHES: MEN'S & WOMEN'S BATHROOM & LOCKERS:

FIXTURE WALLS: CERAMIC GLAZED TILE TO 6'-0" HT. PAINT ABOVE. EX'G. WALLS, NEW NON-FIXTURE WALLS & SLOPED CLG'S .: GYP. W.B. & EPOXY PAINT. BATHROOM & SHOWER FLOORS: 2" X 2" CERAMIC MOSAIC TILE & 6" TILE COVE BASE. FOYER & LOCKER FLOORS: CARPET: ANTI-MICROBIAL, DAMP LOCATION.

#### FINISHES: STORAGE RMS:

- WALLS: NEW GYP. WALLBOARD, PAINT. CEILINGS: REPAIR DAMAGE AT WALL REMOVALS & PLUMBING REMOVALS: 100 S.F. REPAIR AREA. PAINT ENTIRE ROOM. - FLOORS: 12" X 12" 'VCT', 4" RUBBER COVE BASE. OR SEAMLESS SHEET FLOORING, SELF COVED.

#### LOWERED FLOOR NOTE: NEW STORAGE 1 & 2:

#### **RESTORE EX'G. SLAB SURFACE:**

REPAIRS INCLUDE BUT ARE NOT LIMITED TO: RESTORE & REPAIR EX'G. 2 ND. FLOOR SLAB IN STORAGE AREAS SHOWN WITH 5,000 PSI SELF LEVELING CEMENT FLOOR TOPPINGS.

PLUMBING NOTE: MODIFY RADIATOR PIPING TO RE-INTEGRATE LOWERED RADIATORS. INSTALL PIPE UNIONS & RE-CONNECT EX'G. RADIATORS. PROVIDE SOLID PLASTIC OR NYLON 'PEDESTALS' TO RAISE RADIATORS A FEW INCHES IF PIPING EXTENSIONS REQUIRE MORE HEIGHT.

#### **REFRIGERANT PIPING EXTERIOR CHASE.**

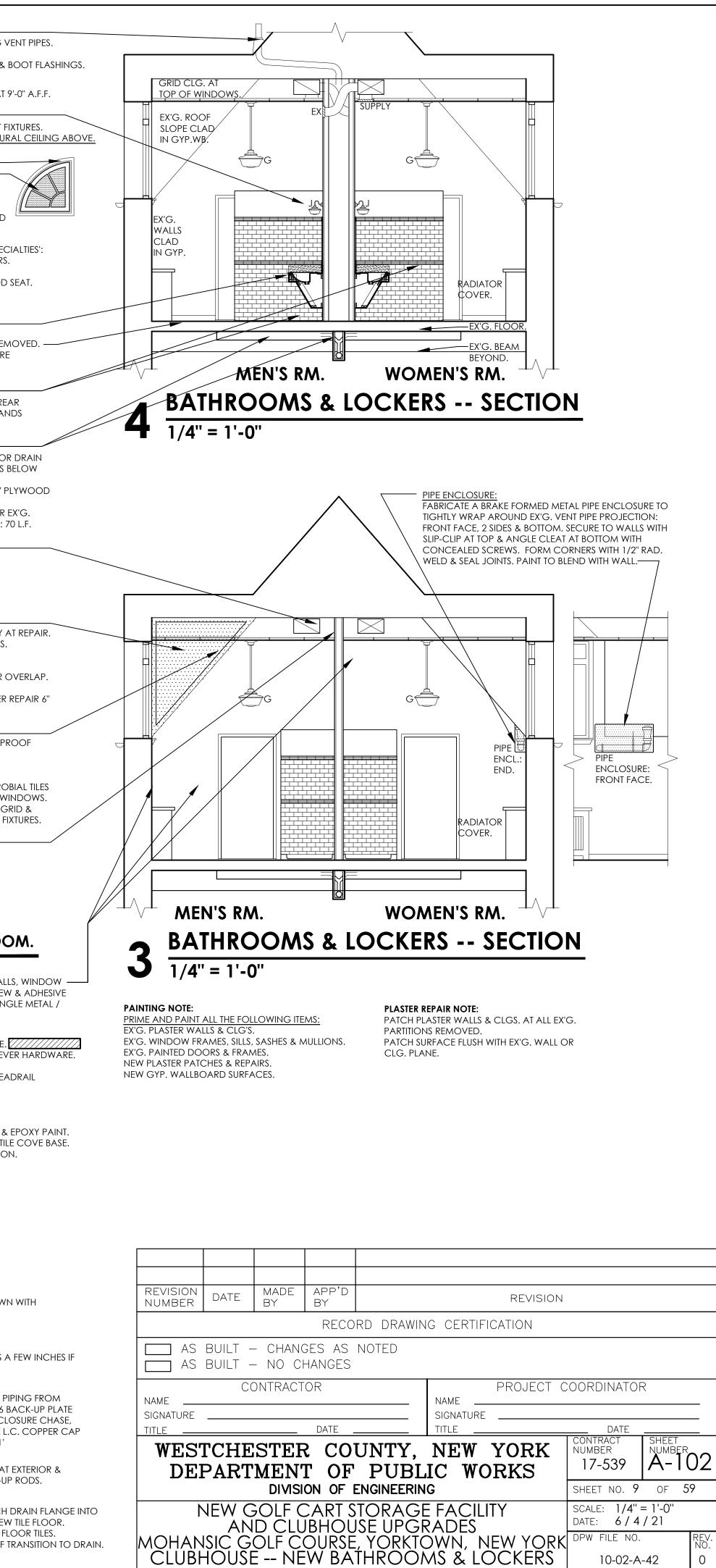
CONSTRUCT AN 8" X 8" APPROX. SIZE VERTICAL CHASE TO CONCEAL PIPING FROM CORED PASSAGE ABOVE TO CONDENSING UNIT AT GRADE: PPT 2 X 6 BACK-UP PLATE AGAINST EXT. WALL, 1 X 8 & 1 X 10 KNOTTY PINE BOARDS AS PIPE ENCLOSURE CHASE, STAIN DARK BROWN TO MATCH EX'G. BLDG. WOOD TRIMS. PROVIDE L.C. COPPER CAP AT TOP. SEAL CHASE TO EXT. WALL PROFILE. SEE DETAIL: DWG. 'A-501'

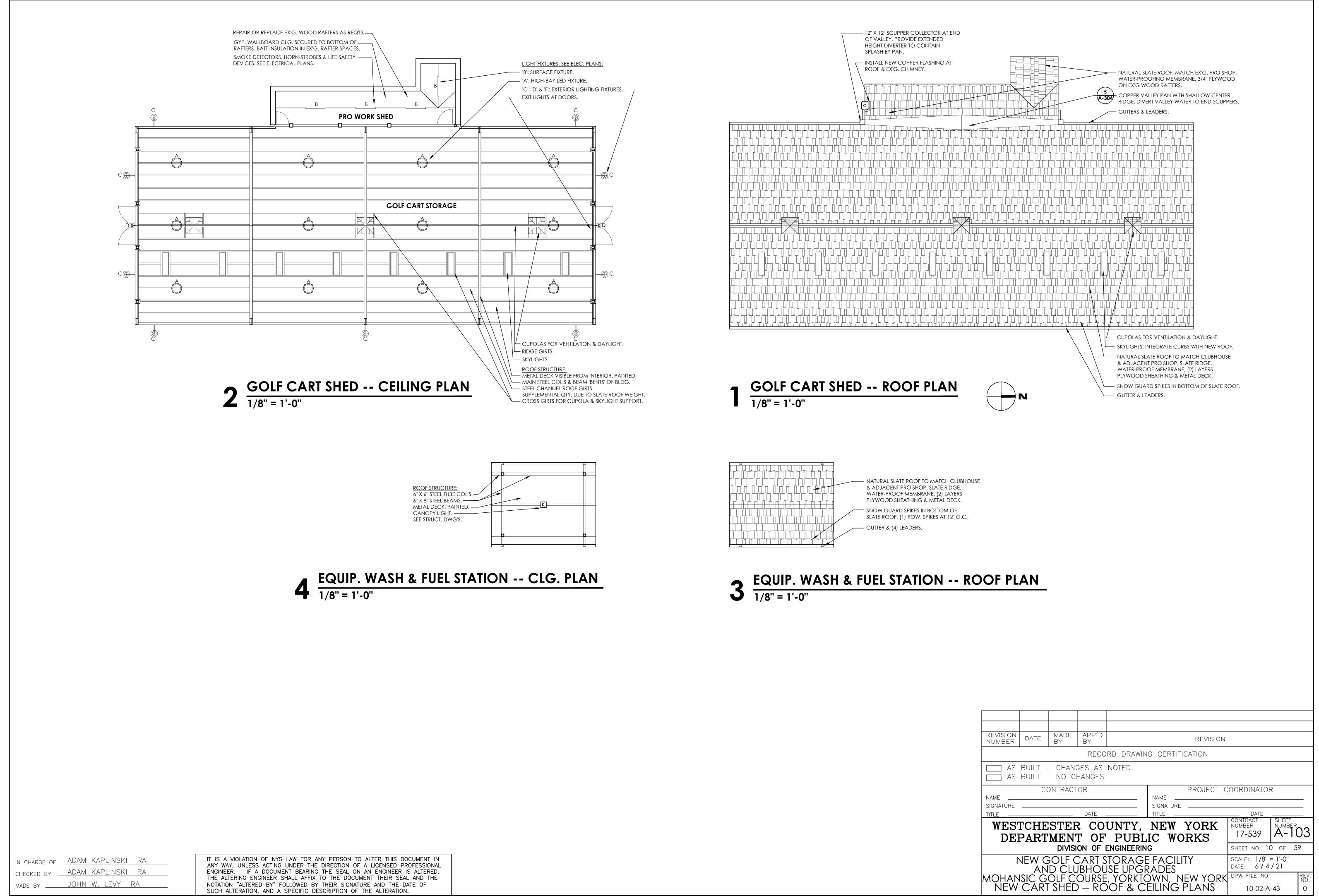
#### REFRIGERANT PIPING PASSAGE.

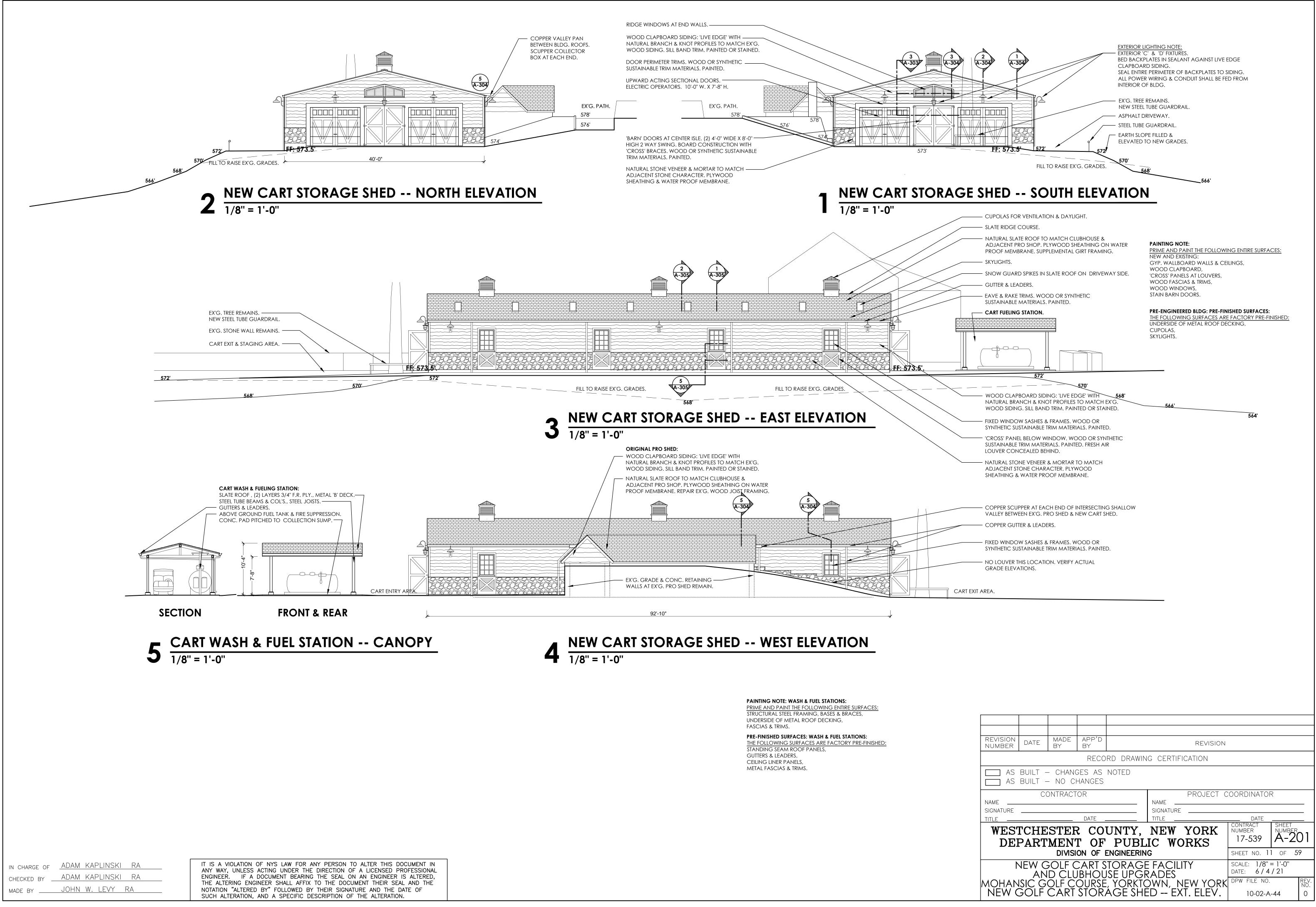
FILL CORE PASSAGE WITH 1" DEEP LIQUID URETHANE SEALANT RINGS AT EXTERIOR & INTERIOR. FILL CAVITY BETWEEN SEALANT RINGS WITH 1" FOAM BACK-UP RODS.

#### - FLOOR DRAINS: QTY. 5:

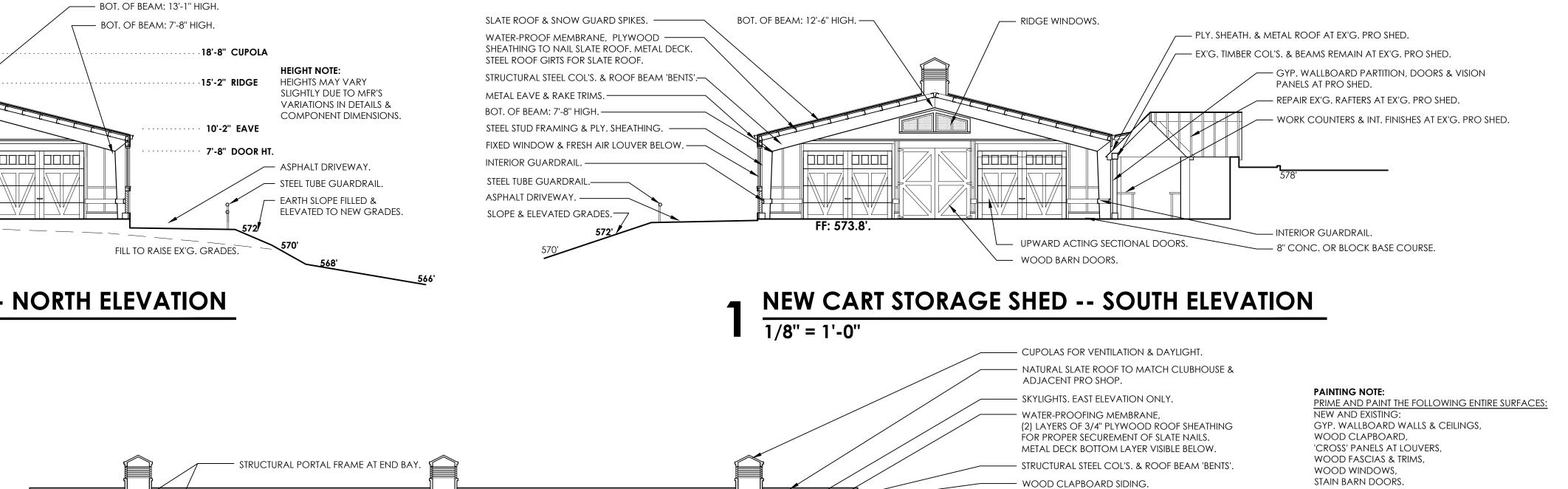
SET NEW FLOOR DRAINS INTO CORES WITH MORTAR & GROUT. NOTCH DRAIN FLANGE INTO EX'G. FLOOR AS REQ'D. TO SET TOP OF DRAIN FLANGE 1/8" BELOW NEW TILE FLOOR. BED DRAIN BODY FLANGE IN SEALANT & SEAL FLANGE PERIMETER TO FLOOR TILES. CUT FLOOR TILES EDGE OF DRAIN FLANGE. PROVIDE A WATER-PROOF TRANSITION TO DRAIN.



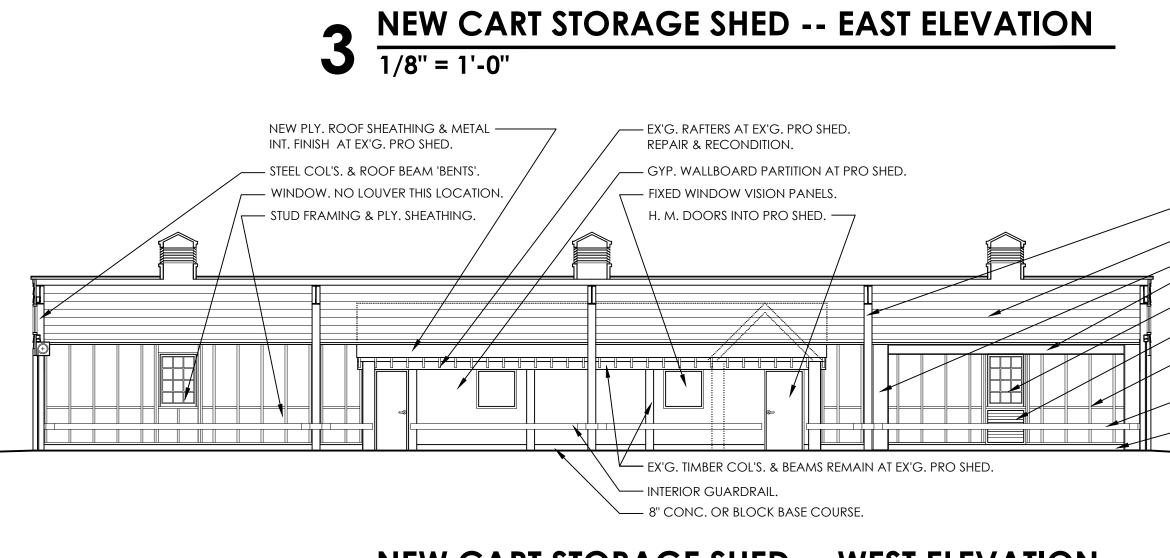




ROOF CONSTR.: SLOPE: 3 / 12. NATURAL SLATE ROOF. -----WATER-PROOF MEMBRANE, PLYWOOD SHEATHING -----& METAL DECK ON STEEL GIRTS. VALLEY FLASHING AT ORIGINAL PRO SHED ROOF. ORIGINAL PRO SHED: Í NEW SHEATHING & SLATE ROOF. -----EX'G. WOOD JOIST ROOF FRAMING REPAIRED. NEW INTERIOR WALL, DOORS & WINDOWS. EX'G. CONC. EXT. & RETAINING WALLS REMAIN.-5 A-304  $\frac{1}{1/8"} = 1'-0"$ FF: 573.8'. CART ENTRY AREA. in charge of <u>ADAM\_KAPLIN</u>SKI\_RA IT IS A VIOLATION OF NYS LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL CHECKED BY <u>ADAM KAPLINSKI RA</u> ENGINEER. IF A DOCUMENT BEARING THE SEAL ON AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE MADE BY \_\_\_\_\_ JOHN W. LEVY RA NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



FF: 573.8'.





PAINTING NOTE: MATERIALS STORAGE BINS:

PRIME AND PAINT THE FOLLOWING ENTIRE SURFACES: STRUCTURAL STEEL FRAMING, BASES & BRACES, SAFETY BAR. STAIN UNDERSIDE OF PLY. ROOF SHEATHING. STAIN WOOD FASCIAS & TRIMS.

PRE-FINISHED SURFACES: MATERIALS STORAGE BINS: THE FOLLOWING SURFACES ARE FACTORY PRE-FINISHED: STANDING SEAM ROOF PANELS, GUTTERS & LEADERS,

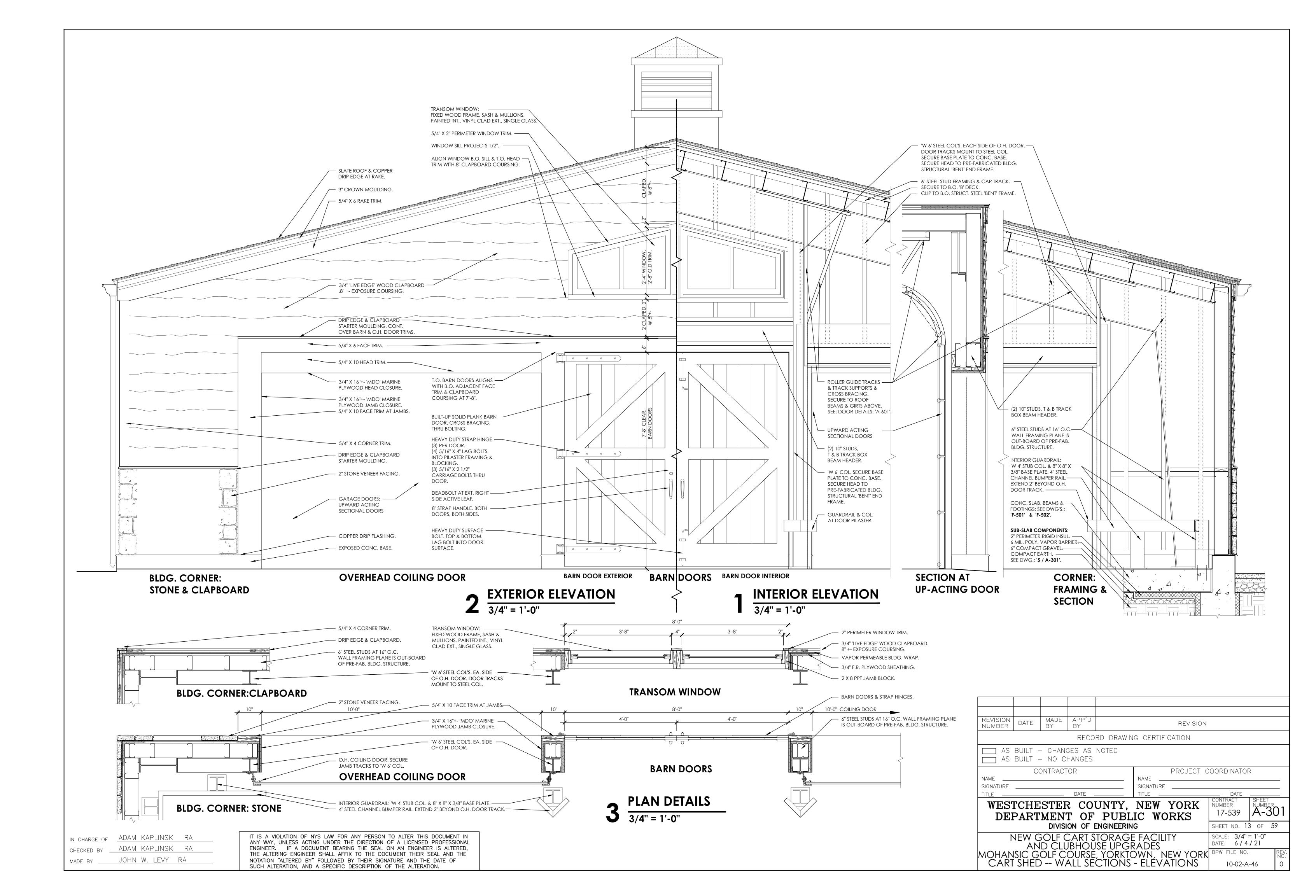


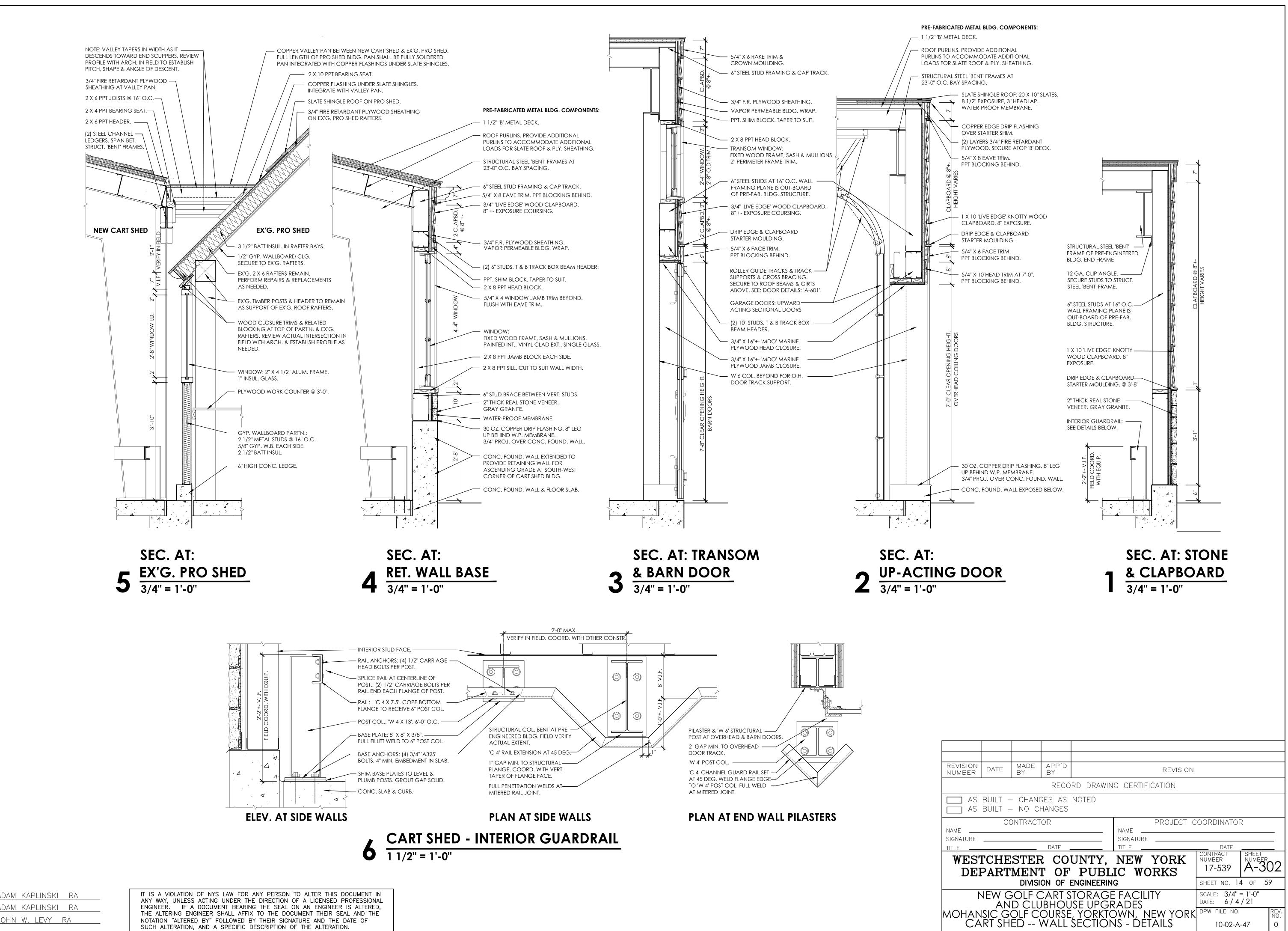
STRUCTURAL STEEL STUD FRAMING & PLYWOOD EXTERIOR SHEATHING. RIDGE WINDOWS AT END WALLS. STEEL CHANNEL GIRT ROOF SUPPORTS. INSTALL SUPPLEMENTAL GIRTS FOR SUPPORT OF ADDITIONAL WEIGHT OF SLATE ROOF. 10'-0" WIDE X 7'-8" UPWARD ACTING SECTIONAL DOORS. ELECTRIC OPERATORS.

PRE-ENGINEERED BLDG: PRE-FINISHED SURFACES: THE FOLLOWING SURFACES ARE FACTORY PRE-FINISHED: UNDERSIDE OF METAL ROOF DECKING, CUPOLAS, SKYLIGHTS.

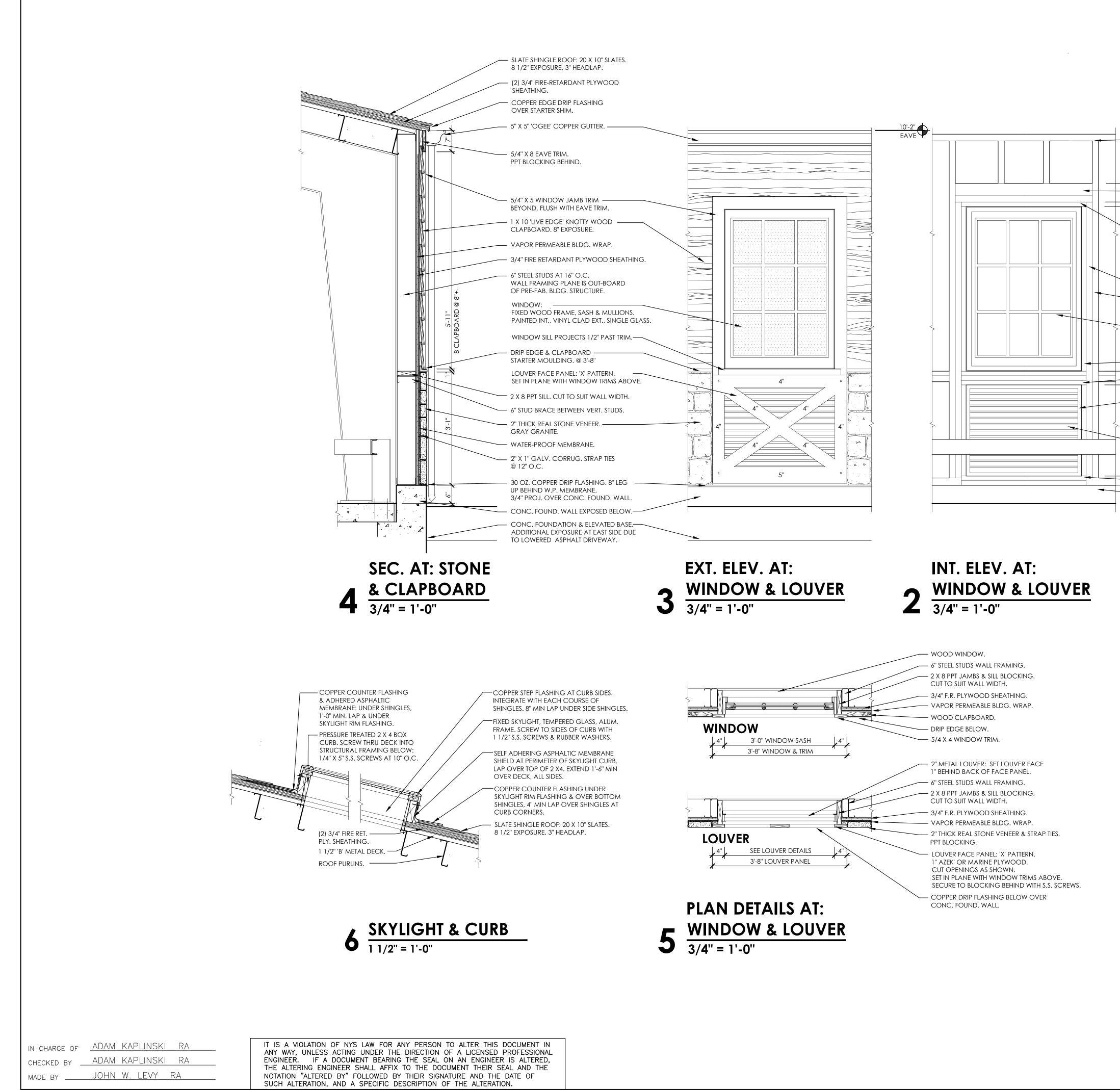
	STRUCTURAL STEEL COL'S. & ROOF BEAM 'BENTS'.
	WATER-PROOFING, PLY. SHEATHING & METAL DECK.
	STRUCTURAL PORTAL FRAME AT END BAY.
	FIXED WINDOW SASHES & FRAMES.
	FRESH AIR LOUVER CONCEALED BEHIND EXTERIOR 'CROSS' TRIM.
	STRUCTURAL STEEL STUD FRAMING & PLYWOOD SHEATHING AT EXTERIOR WALLS. STUD BRIDGING AT TRANSITION FROM STONE WAINSCOT TO WOOD CLAPBOARD.
	6" CONTINUOUS STEEL CHANNEL INT. GUARD RAIL TO PROTECT FRAMING. COORD. HT. WITH GOLF CART BUMPERS.
	8" CONC. BLOCK OR POURED CONC. BASE COURSE TO ELEVATE METAL STUD FRAMING.
CART EXIT AREA	

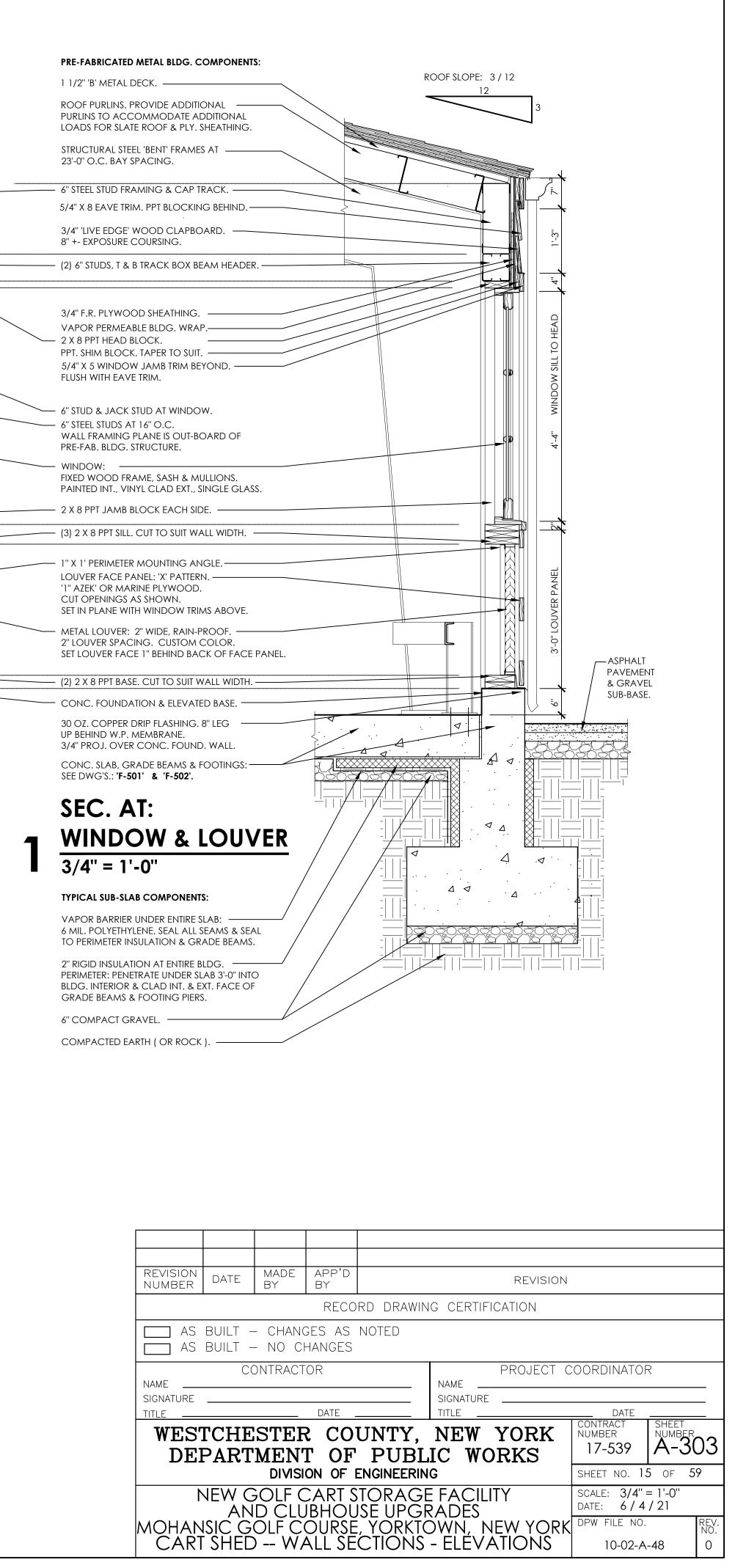
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NEW GOLF CART STORAGE FACILIT AND CLUBHOUSE UPGRADES						ΓY	SCALE: 1/8" = DATE: 6/4		
MOHANSIC GOLF COURSE, YORKTOWN, NEW YORK NEW GOLF CART STORAGE SHED INT. ELEV.							DPW FILE NO.		REV. NO. <b>0</b>

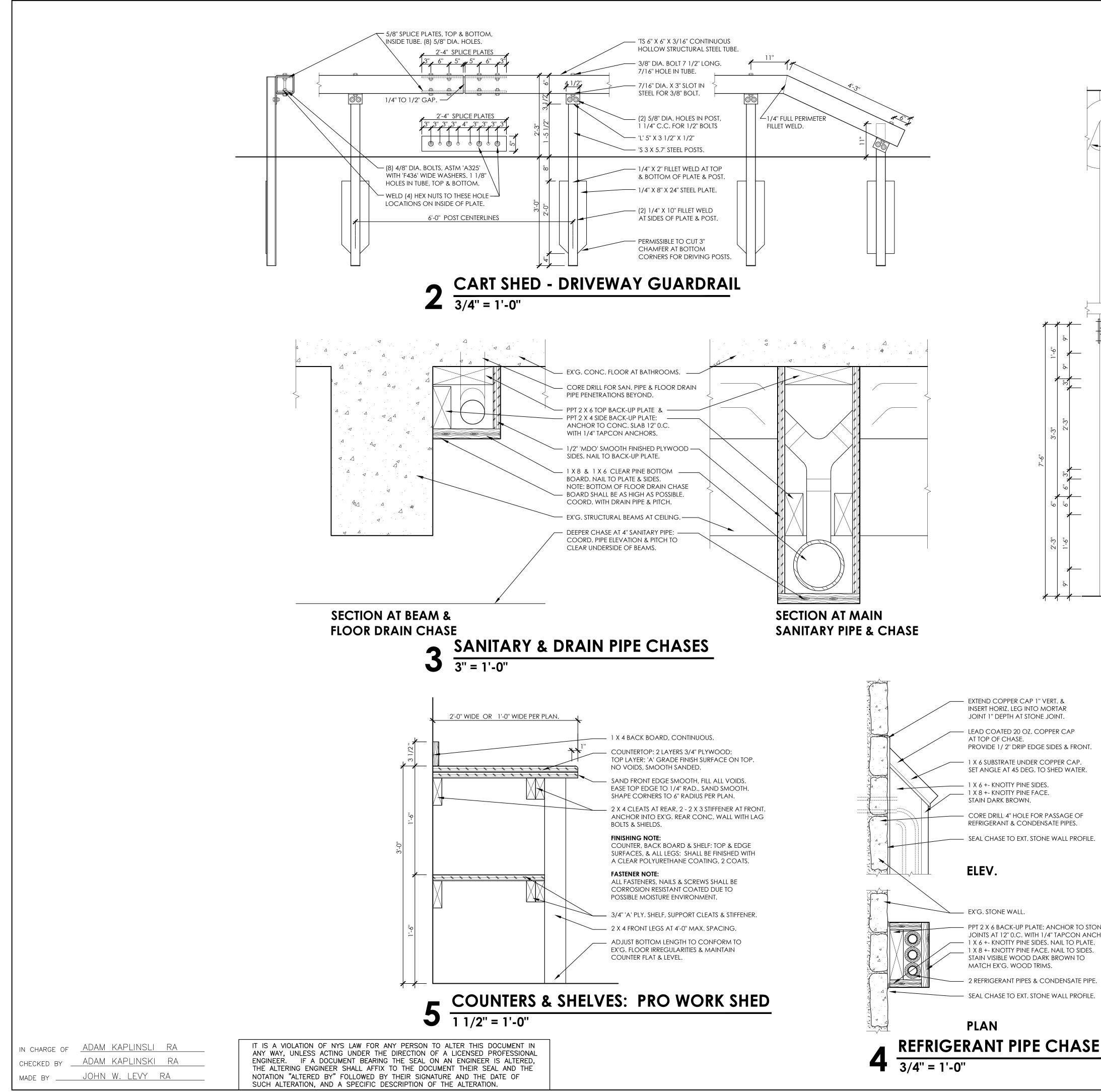




IN CHARGE OF	ADAM	KAPLINSKI	RA
CHECKED BY	ADAM	KAPLINSKI	RA
MADE BY	JOHN	W. LEVY	RA





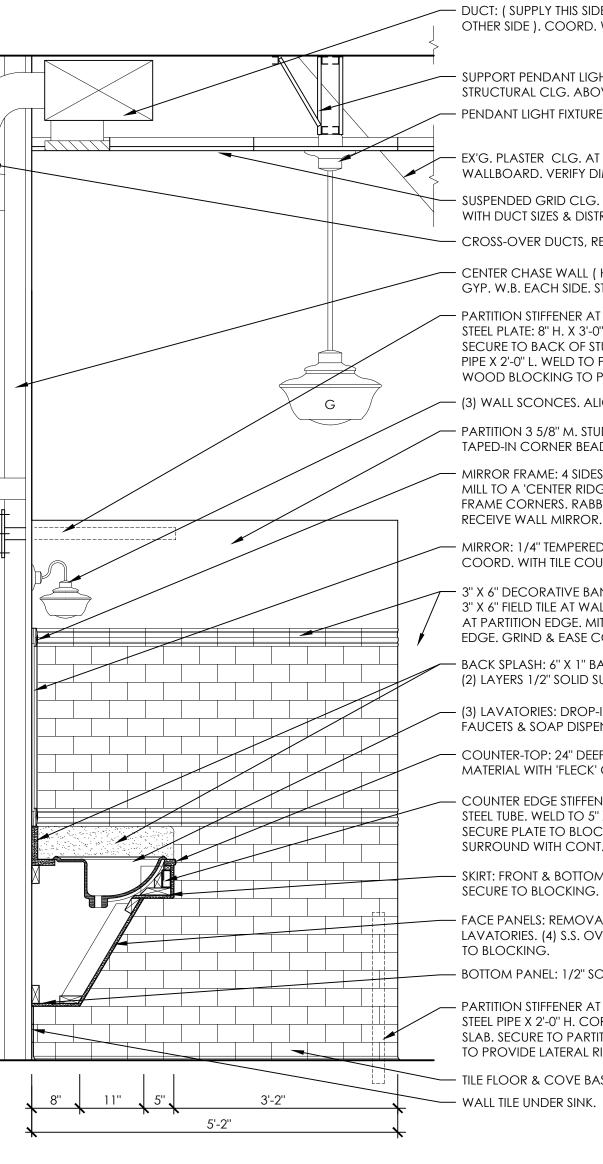


\_\_\_\_ EX'G. STONE WALL.

— PPT 2 X 6 BACK-UP PLATE: ANCHOR TO STONE JOINTS AT 12" O.C. WITH 1/4" TAPCON ANCHORS. - 1 X 6 +- KNOTTY PINE SIDES. NAIL TO PLATE. 1 X 8 +- KNOTTY PINE FACE. NAIL TO SIDES. STAIN VISIBLE WOOD DARK BROWN TO

MATCH EX'G. WOOD TRIMS. — 2 REFRIGERANT PIPES & CONDENSATE PIPE.

 SEAL CHASE TO EXT. STONE WALL PROFILE. PLAN



- DUCT: ( SUPPLY THIS SIDE, EXHAUST MIRROR OTHER SIDE ). COORD. WITH MECH. DWG'S.

SUPPORT PENDANT LIGHT FIXTURES INDEPENDENTLY FROM STRUCTURAL CLG. ABOVE WITH STEEL CHANNELS & DIAG. BRACING. - PENDANT LIGHT FIXTURES. ESCUTCHEON SET TIGHT TO CLG. TILE.

- EX'G. PLASTER CLG. AT WINDOW DORMERS. CLAD IN GYP. WALLBOARD. VERIFY DIMENSIONS & PROFILE.

- SUSPENDED GRID CLG. AT A12'-6" HT. VERIFY HT. & COORD. WITH DUCT SIZES & DISTRIBUTION.

- CROSS-OVER DUCTS, REGISTERS & GRILLES.

- CENTER CHASE WALL (HALF SHOWN) 3 5/8" M. STUDS & 5/8" W.R. GYP. W.B. EACH SIDE. STUD CROSS TIES EACH VERT. STUD AT 8'-0".

- PARTITION STIFFENER AT BOTH SIDES OF TOILET BAY: HORIZONTAL STEEL PLATE: 8" H. X 3'-0" LONG X 5/16" TH. SPAN 3 STUDS MIN. SECURE TO BACK OF STUDS WITH (9) 3/16" SCREWS MIN. 2" STEEL PIPE X 2'-0" L. WELD TO PLATE. SECURE TO PARTITION STUDS WITH WOOD BLOCKING TO PROVIDE LATERAL RIGIDITY TO PARTITION.

- (3) WALL SCONCES. ALIGN OVER LAVATORIES.

PARTITION 3 5/8" M. STUDS & 5/8" W.R. GYP. W.B. EACH SIDE. TAPED-IN CORNER BEADS, FEATHERED SMOOTH. PAINTED.

MIRROR FRAME: 4 SIDES: 3" X 1" MAHOGANY FRAME. MILL TO A 'CENTER RIDGE PROFILE, 1/4" HIGH. MITER FRAME CORNERS. RABBET BACK INSIDE EDGE TO RECEIVE WALL MIRROR. COORD WITH TILE COURSING.

- MIRROR: 1/4" TEMPERED GLASS. ADHERE TO GYP. W.B. COORD. WITH TILE COURSING & WOOD FRAME.

- 3" X 6" DECORATIVE BANDS AT TILE CAP & ABOVE SPLASH. 3" X 6" FIELD TILE AT WALL. FURNISH BULLNOSE & CORNER TILES AT PARTITION EDGE. MITER CUT DECORATIVE BAND TILES AT EDGE. GRIND & EASE CORNER TO 1/8" SMOOTH RADIUS.

- BACK SPLASH: 6" X 1" BACK & SIDES. 1" RAD. TOP CORNER AT SIDES: (2) LAYERS 1/2" SOLID SURFACE MATERIAL WITH 'FLECK' GRAIN.

- (3) LAVATORIES: DROP-IN TO COUNTER. FAUCETS & SOAP DISPENSERS: DRILL INTO COUNTER.

- COUNTER-TOP: 24" DEEP X 1" : (2) LAYERS 1/2" SOLID SURFACE MATERIAL WITH 'FLECK' GRAIN. FULL 1/2" RAD. BULLNOSE AT EDGE.

- COUNTER EDGE STIFFENER: 1 1/2" X 3" X 1/8" WALL STAINLESS STEEL TUBE. WELD TO 5" X 5" X 1/4" S.S. PLATE AT EACH END. SECURE PLATE TO BLOCKING IN STUD PART'N'S AT SIDES. SURROUND WITH CONT. SOLID WOOD BLOCKING.

- SKIRT: FRONT & BOTTOM: 1/2" SOLID SURFACE MATERIAL. SECURE TO BLOCKING.

- FACE PANELS: REMOVABLE: (3) EQ. PANELS, JOINTS BETWEEN LAVATORIES. (4) S.S. OVAL HEAD SCREWS AT CORNERS. SCREW

- BOTTOM PANEL: 1/2" SOLID SURF. MAT. SECURE TO BLOCKING.

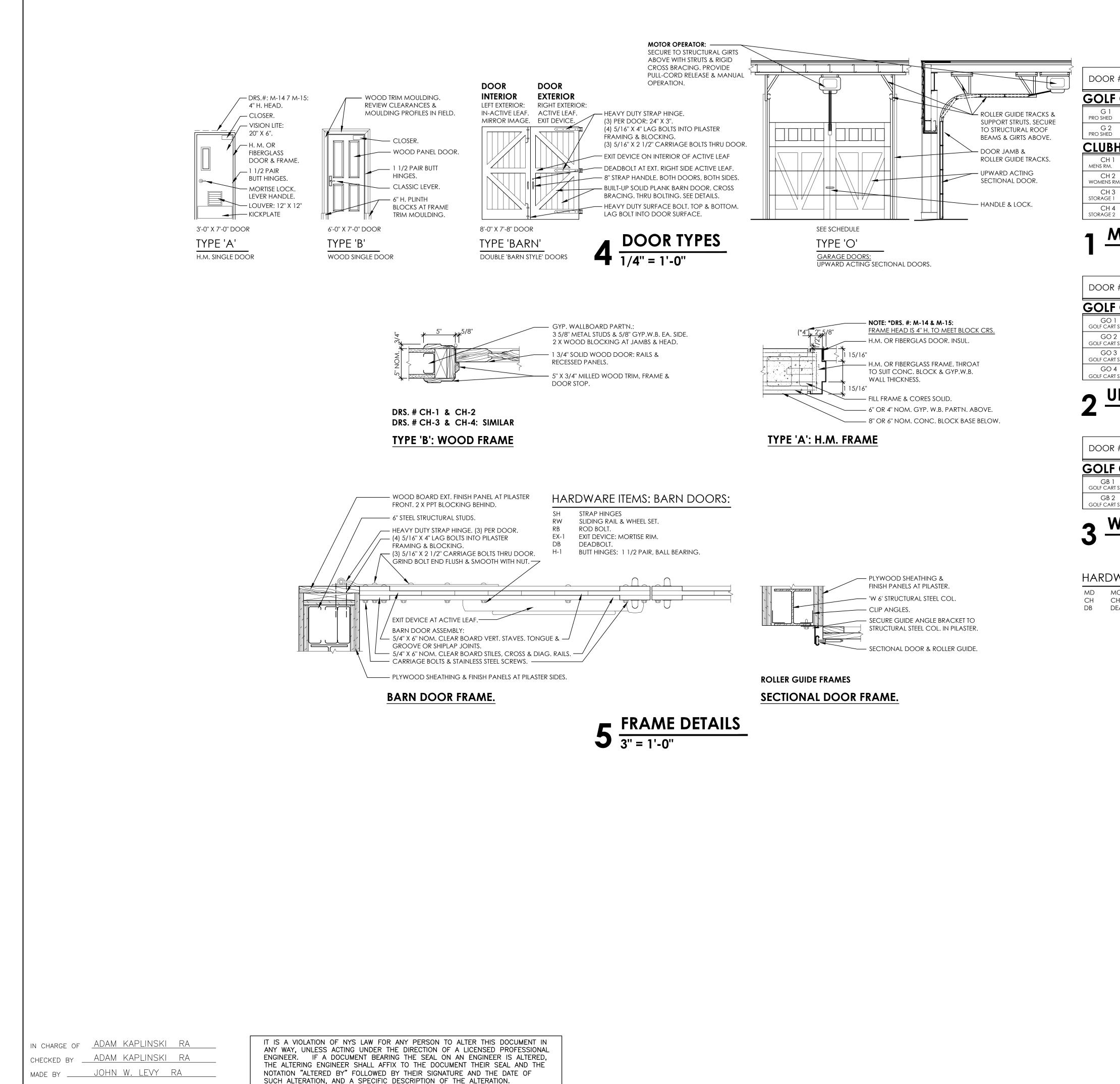
PARTITION STIFFENER AT BOTH SIDES OF TOILET BAY: 2" VERT. STEEL PIPE X 2'-0" H. CORE DRILL SLAB & GROUT PIP 3" INTO SLAB. SECURE TO PARTITION STUDS WITH WOOD BLOCKING TO PROVIDE LATERAL RIGIDITY TO PARTITION ..

— TILE FLOOR & COVE BASE.

## **CLUBHOUSE -- BATHROOM COUNTER**

3/4" = 1'-0"

REVISION NUMBER	DATE	MADE BY	APP'D BY		REVISION					
	RECORD DRAWING CERTIFICATION									
	AS BUILT – CHANGES AS NOTED AS BUILT – NO CHANGES									
	СС	ONTRACT	OR			COORDINATOR	2			
								_		
SIGNATURE			DATE _		SIGNATURE TITLE	DATE				
	WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS 17-539									
	DIVISION OF ENGINEERING SHEET NO. 16 OF 59									
	NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES						= 1'-0'' / 21			
MOHAN	ISIC G	ŌLF Ĉ		, YORKTO	ÖWN, NEW YORK	DPW FILE NO. 10-02-A		REV. NO. <b>0</b>		



		DOORS		EDANAES				
R #	door size	DOOKS			FRAMES		HARDWARE	REMARKS
<b>X</b> 11		MAT'L.	TYPE	LABEL	MAT'L.	TYPE		
FCA	RT SHED.							
	7'-0" x 3'-0" x 1 3/4"	H.M.	А		Н. М.	А	H-1, L-E, T-1, WS	
1	7'-0'' x 3'-0'' x 1 3/4''	Н.М.	А		Н. М.	А	H-1, L-E, T-1, WS	
HOU	SE							
1	7'-0" x 3'-0" x 1 3/4"	WOOD	В		WOOD	В	H-1, L-E, T-1	
2 RM.	7'-0" x 3'-0" x 1 3/4"	WOOD	В		WOOD	В		KEYED FOR DAYTIME PASSAGE FUNCTION
3 1	7'-0'' x 3'-0'' x 1 3/4''	WOOD	В		WOOD	В	H-1, L-E, T-1	
4 2	7'-0'' x 3'-0'' x 1 3/4''	WOOD	В		WOOD	В	H-1, L-E, T-1	
	•							

### METAL & WOOD DOORS -- SCHEDULE & HARDWARE

R #	door size	DOORS			FRAMES		- HARDWARE	REMARKS			
κ π	DOOK SIZE	MAT'L.	TYPE	LABEL	MAT'L.	TYPE	HARDWARL	KL/MARKS			
F CA	F CART SHED.										
) 1 Art stor.	10'-0" x 7'-8"  'C' SLAT	WOOD	0		STEEL	ANGLE GUIDES	CH, DB	NON- INSUL.			
) 2 Art stor.	10'-0" x 7'-8"  'C' SLAT	WOOD	0		STEEL	angle Guides	CH, DB	NON- INSUL.			
) 3 ART STOR.	10'-0" x 7'-8"  'C' SLAT	WOOD	0		STEEL	ANGLE GUIDES	CH, DB	NON- INSUL.			
) <b>4</b> Art stor.	10'-0" x 7'-8"  'C' SLAT	WOOD	0		STEEL	ANGLE GUIDES	CH, DB	NON-INSUL.			

### ► UP-ACTING SECTIONAL DOORS -- SCHEDULE & HARDWARE

R #	door size	DOORS			FRAMES		HARDWARE	DEMADKS		
/K #	DOOK SIZE	MAT'L.	TYPE	LABEL	MAT'L.	TYPE	HARDWARL	REMARKS		
F CA	CART SHED.									
8-1 Art stor.	(2) 4'-0" x 7'-8" x 2 1/4"	WOOD	BARN		WOOD	see Details	SH, RB, EX-1 ( ACTIVE LEAF )	SWING DOORS		
8 2 Art stor.	(2) 4'-0" x 7'-8" x 2 1/4"	WOOD	BARN		WOOD	see Details	SH, RB, EX-1 ( ACTIVE LEAF )	SWING DOORS		
WOOD BARN DOORS SCHEDULE & HARDWARE										

### HARDWARE ITEMS: SECTIONAL DOORS:

MD MOTOR DRIVE HOIST CH CHAIN HOIST

DB DEADBOLT & LOCK

### HARDWARE ITEMS: H.M. & WOOD DOORS:

H-1 BUTT HINGES: 1 1/2 PAIR, BALL BEARING.

EX-1 EXIT DEVICE: MORTISE RIM.EX-2 EXIT DEVICE: CONCEALED ROD DOUBLE DOORS.

L-E BORED LOCK: KEYED ENTRY.

- L-B BORED LOCK: BATHROOM LOCK. L-P BORED LOCK: PASSAGE LATCH.
- L-P BORED LOCK: S-1 FLOOR STOP.
- C-1 CLOSER.
- K-1 KICKPLATE.
- T-1 THRESHOLD / SADDLE. VL VISION LITE
- LV LOUVER
- WS WEATHERSTRIPPING. AS ASTRAGAL.
- DC DOOR COORDINATOR.

#### .OCK. TCH.

<u>HARDWARE: TYPICAL SPEC:</u> HEAVY DUTY SERIES, RE-CORE CYLINDERS, COORD. WITH OWNER MASTER KEY SYSTEM.

EGRESS NOTE: ALL DOOR HARDWARE SHALL PROVIDE FREE ACCESS IN DIRECTION OF EGRESS ALWAYS.

REVISION NUMBER	DATE	MADE BY	APP'D BY			REVISION			
			RECO	rd drawin	g certif	FICATION			
	СС	DNTRACT	OR			PROJECT C	OORDINATOR	2	
NAME					NAME				
SIGNATURE					SIGNATURE				
TITLE			DATE _		TITLE		DATE		
	WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS								01
		DIVISI	ON OF I	ENGINEERIN	G		SHEET NO. 17	7 OF 5	i9
NEW GOLF CART STORAGE AND CLUBHOUSE UPGR						ITY	SCALE: 3/4" = DATE: 6/4		
MOHAN	ISIC G	OLF CO	ourse	, YORKTO	DWN, 1	NEW YORK	DPW FILE NO. 10-02-A	-50	REV. NO. <b>0</b>
DOOR SCHEDULE & DETAILS						10-02-7	50		

### GENERAL NOTES:

- BUILDING CODE.
- 2. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL EXISTING CONDITIONS. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT OR ENGINEER AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK.
- 3. ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH EXISTING CONDITIONS
- 5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFE WORKING CONDITIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENTS SHALL APPLY CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONAL OR THE STRUCTURE.
- 6. FURNISH ALL SCAFFOLDING, HOISTING EQUIPMENT AND ANY OTHER EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER
- 7. THE CONTRACTOR SHALL REPAIR, AT NO COST TO THE OWNER, ANY DAMAGE CAUSED BY HIM DURING OR RESULTING FROM HIS OPERATIONS.
- 8. CONTRACTOR SHALL REPLACE ALL EXISTING CONSTRUCTION BEING REMOVED FOR CONSTRUCTION PURPOSES. MATCH EXISTING CONSTRUCTION IN KIND.
- 9. AFTER CHECKING AND VERIFYING ALL FIELD MEASUREMENTS, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, FULL, COMPLETE, AND DETAILED AS PER INDUSTRY STANDARDS, AND BEARING A STAMP OR WRITTEN INDICATION THAT CONTRACTOR HAS SATISFIED HIS RESPONSIBILITY WITH RESPECT TO THE REVIEW OF THE SUBMISSION.
- 10. CONTRACTOR SHALL HAVE DETERMINED AND VERIFIED ALL QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS AND SIMILAR DATA, AND REVIEWED OR COORDINATED EACH SHOP DRAWING WITH OTHER SHOP DRAWINGS AND WITH THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.
- 11. ENGINEER WILL REVIEW AND APPROVE SHOP DRAWINGS WITH REASONABLE PROMPTNESS. BUT ENGINEER'S REVIEW AND APPROVAL WILL BE ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT AND FOR COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS AND SHALL NOT EXTEND TO MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION, OR TO SAFETY PRECAUTIONS OR PROGRAMS INCIDENT THERETO
- 12. ENGINEER'S REVIEW AND APPROVAL OF SHOP DRAWINGS OR SAMPLES SHALL NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ANY VARIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS UNLESS CONTRACTOR HAS IN WRITING CALLED ENGINEER'S ATTENTION TO EACH SUCH VARIATION AT THE TIME OF SUBMISSION AND ENGINEER HAS GIVEN WRITTEN APPROVAL OF EACH SUCH VARIATION BY A SPECIFIC WRITTEN NOTATION ON SHOP DRAWING; NOR WILL ANY APPROVAL BY ENGINEER RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THE SHOP DRAWINGS OR FROM RESPONSIBILITY FOR HAVING COMPLIED WITH THE PROVISIONS OF NOTE 10.
- 13. MATERIALS SHALL NOT BE FABRICATED OR DELIVERED TO THE SITE BEFORE THE SHOP DRAWINGS HAVE BEEN APPROVED.
- STATE BUILDING CODE.
- 16. CONTRACTOR MUST NOTIFY THE COUNTY REPRESENTATIVE OF WORK PROGRESS SO THAT REGULAR PERIODIC INSPECTION OF ALL ASPECTS OF THE CONSTRUCTION WORK, INCLUDING EXCAVATION, SUBGRADES, PILE DRIVING/INSTALLATION, REINFORCEMENT PLACEMENT, CONCRETE PLACEMENT, MASONRY CONSTRUCTION, FRAMING, ETC. WORK CANNOT PROCEED WITHOUT APPROVAL OF AT EACH PHASE OF THE WORK.

I CHARGE OF	KJM	IT IS A VIOLATION OF NYS LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSION
HECKED BY _	KJM TJR/AGS	ENGINEER. IF A DOCUMENT BEARING THE SEAL ON AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND TH NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
		•

ABBREVIATIONS

ADDENDUN

ADJACENT

ALTERNATE

ALUMINUM

BOARD

BLOCK

BRICK

BUILDING

BEARING

BASEMENT

CATCH BASIN

CAST IRON

CENTER LINE

CLEAR (ANCE)

CONSTRUCTION

CONSTRUCTION JOINT

CONCRETE MASONRY UNIT

CEMENT

CEILING

COLUMN

CONCRETE

CONTINUOUS

COORDINATE

DEMOLITION

DEPARTMENT

DIAMETER

DIAGONAL

DIVISION

DOWN

DOOR

EAST

EACH

EQUA

DETAIL

DRAWING

ELECTRIC (AL)

EMERGENCY

EACH WAY

EXCAVATE

EXISTING

FXTERIOR

FOOTING

FINISH

FI OOR

FEET

FOOTING

HFADFR

HEIGHT

HARDWARE

HIGH POINT

HEATING

GAGE, GAUGE

GALVANIZED

GRADE BEAM

HOLLOW CORE

HOLLOW METAL

GENERAL CONTRACT (OR)

HOLLOW STRUCTURAL SECT

ELEVATION (TOPO)

EXPANSION JOINT

FLOOR DRAIN

FOUNDATION

FIREPROOF (ING)

ENCLOSE (ENCLOSURE)

DIMENSION

DEAD LOAD

DAMP PROOFING

CENTER

ABOVE FINISH FLOOR

ABOVE RAISED FLOOR

BOTTOM OF FOOTING

**BUILT UP ROOFING** 

ARCHITECT (URAL)

**HEATING VENTILATION & AIR** 

MECH ELECTRICAL PLUMBING

MANUFACTURE ® (D)

MISCELLANEOUS

MASONRY OPENING

NOT IN CONTRACT

NOMINAL NUMBER

POURED CONCRETE

POLYVINYL CHLORIDE

RAISED ACCESS

ROOF DRAIN

REFERENCE

REINFORCED

ROUGH OPENING

STORM DRAIN

SQUARE FOOT

SPECIFICATION

ROOFING

ROOM

SOUTH

SECTION

SIMILAR

SQUARE

STEEL

STANDARD

STORAGE

TOP OF

TYPICAL

WEST

WITH

WOOD

WIRE MESH

WITHOUT

SUSPENDED

THICK (NESS)

TOP OF STEEL

VERIFY IN FIELD

WATERPROOFING

WELDED WIRE MESH

WELDED WIRE FABRIC

TOP OF WALL

TOP GRADE BEAM

UNLESS OTHERWISE NOTED

POUNDS PER SQUARE FOOT

NOT TO SCALE

CONDITIONING

INCH

INSULATION

LIVELOAD

LOW POINT

MAXIMUM

MINIMUM

METAL

NORTH

NUMBER

OVERALL

ON CENTER

**OVERHEAD** 

OPENING

PIF

PLATE

PANEL

RISER

RADIUS

OPPOSITE

PARTITION

NFW

MAINTENANCE

**MECHANICAL** 

LAMINATE (D)

HVAC

INSUL

LAM

LL

LP

MAINT

MAX

MFP

MIN

MO

MTL

(N)

NIC

NO

NOM

NTS

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FLR

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FT

FTG

GALV

GA

GC

GB

HC

HDR

HDW

HGT

HP

HSS

HTG

FD

EXC

EXIST (E

EMERGE

DIA

DEMO

COORD.

CJ

ARF

BD

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2020 NEW STATE

- 14. UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC., SHALL BE REMOVED AND WORK AREA LEFT CLEAN TO THE OWNER'S SATISFACTION.
- 15. STRUCTURAL DESIGN COMPLIES WITH THE 2016 EDITION OF THE NEW YORK

### **CONTROLLED FILL:**

- 1. ALL FILL BELOW THE BUILDING WALLS AND ALL BACKFILL AGAINST BUILDING WALLS SHALL BE CONTROLLED FILL COMPACTED TO 95% OF THE MAXIMUM MODIFIED PROCTOR DENSITY WHEN TESTED IN ACCORDANCE WITH ASTM D 1557.
- 2. ALL BORROW MATERIAL SHALL BE APPROVED PRIOR TO BEING PLACED. 3. FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES AND SHALL BE
- COMPACTED PRIOR TO PLACEMENT OF NEXT LIFT. . CONTRACTOR SHALL PROVIDE FOR IN-PLACE DENSITY TESTING AS THE WORK
- PROGRESSES. ALL LIFTS MUST BE APPROVED BY THE SPECIAL INSPECTOR PRIOR TO PROCEEDING WITH THE NEXT LIFT.
- 5. ALL SOIL COMPACTION SUBJECT TO SPECIAL INSPECTION.

### GEOTECHNICAL REPORT

- . THE RESULTS OF THE GEOTECHNICAL INVESTIGATION FOR THIS SITE ARE PRESENTED IN A REPORT PREPARED BY "THE GEOTECHNICAL DEPARTMENT LLC" DATED SEPTEMBER 20, 2016.
- RESULTS OF TEST BORINGS INDICATED ON DRAWING B-100. 3. ALL SITE AND FOUNDATION WORK SHALL BE COORDINATED WITH 6. ADMIXTURES SHALL CONFORM WITH ASTM C-494 REQUIREMENTS AND CONTAIN RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.

#### MASONRY

- 1. ALL MASONRY MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF LOAD-BEARING CONCRETE MASONRY BY THE NATIONAL CONCRETE MASONRY ASSOCIATION.
- . LOAD BEARING BLOCK SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS: HOLLOW BLOCK: ASTM C90 UNIT COMPRESSIVE STRENGTH 2000 PSI (MIN) BASED ON NET AREA. SOLID BLOCK: ASTM C145 UNIT COMPRESSIVE STRENGTH 2000 PSI (MIN) BASED ON GROSS AREA.
- 3. MORTAR FOR BLOCK CONSTRUCTION SHALL BE TYPE M OR S IN ACCORDANCE WITH ASTM C270.
- . GROUT FOR SOLID FILLED BLOCK, WITH OR WITHOUT REINFORCING, SHALL BE 4.000PSI IN ACCORDANCE WITH ASTM C476. GROUT FILLED HOLLOW BLOCK MAY BE USED IN LIEU OF SOLID BLOCK WHERE PLANS INDICATE SOLID BLOCK.
- 5. UTILIZE HIGH-LIFT OR LOW-LIFT GROUTING TECHNIQUE IN ACCORDANCE WITH ABOVE CODES WHERE GROUTING IS NECESSARY. HORIZONTAL JOINT REINFORCING SHALL BE PROVIDED AT EVERY SECOND
- COURSE, AND SHALL BE 3/16" X 9 GAUGE ELECTRONCALLY WELDED TRUSS TYPE, GALVANIZED, WIRE REINFORCING WIDTH SIZED TO WALL CONDITION. USE DUR-O-WAL OR EQUAL
- ALL MASONRY ANCHORS SHALL BE GLAVANIZED. 8. ALL VERTICAL BAR REINFORCEMENT SHALL BE EPOXY COATED.

#### FOUNDATION:

- 1. ALL FOOTINGS SHALL BEAR SOUND ROCK, HAVING A MINIMUM SAFE BEARING CAPACITY OF 3.0 TONS PER SQUARE FOOT.
- 2. ROCK SHALL BE BENCHED AND LEVELED TO RECEIVE FOOTINGS.
- 3. NO FOOTING CONCRETE SHALL BE PLACED PRIOR TO INSPECTION AND CERTIFICATION OF BY THE SPECIAL INSPECTOR
- 4. ELEVATIONS OF FOOTINGS ARE SUBJECT TO CHANGE IN THE FIELD IN ORDER TO SATISFY BEARING REQUIREMENTS.
- 5. FOOTING BOTTOM ELEVATION ARE SHOWN ON PLAN.
- 6. COORDINATE ALL GROUND ELEVATIONS, INTERIOR AND EXTERIOR, WITH APPROVED SITE PLANS AND ARCHITECTURAL PLANS.
- . BACKFILL AGAINST BOTH SIDES OF FOUNDATION WALLS, GRADE BEAMS, OR PIERS MUST BE PLACED IN A BALANCED MANNER. 8. ALL BACKFILL AT WALLS AND GRADE BEAMS SHALL BE CONTROLLED
- COMPACTED FILL SUBJECT TO TESTING AND SPECIAL INSPECTIONS 9. ALL BACKFILL SHALL BE COMPACTED UNDER SOIL ENGINEER'S
- SUPERVISION TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH REQUIREMENTS OF ASTM D1556 AT OPTIMUM MOISTURE CONTENT SPECIFIED IN ASTM D1557.

### STRUCTURAL STEEL

THE STRUCTURAL STEEL CONTRACTOR SHALL VERIFY THE FOUNDATION CONSTRUCTION FOR ANCHOR BOLT LOCATION, ELEVATION OF TOP OF CONCRETE

- OR BEARING PLATES, ALIGNMENT, ETC. PRIOR TO START OF ERECTION. 1. FABRICATION AND ERECTION OF ALL STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- 2. ALL STEEL SHALL BE NEW, CLEAN AND STRAIGHT MEMBERS CONFORMING TO THE FOLLOWING ASTM MATERIAL STANDARD. STEEL

SHAPE/SECTIO	N ASTM MATERIAL STANDARD
W	A992
C,MC	A36
L	A36
HSS	A500 GRADE B
PIPE	A53 GRADE B
PLATES	A36

- 3. ALL SHOP WORK TO BE WELDED OR HIGH STRENGTH BOTLS (3/4" DIAMETER ASTM
- A325 MINIMUM). 4 STRUCTURAL FASTENERS SHALL CONFORM TO THE FOLLOWING ASTM MATERIAL

STANDARD.	ORM TO THE FOLLOWING ASTM M
FASTENER TYPE	ASTM MATERIAL STANDARD
HIGH-STRENGTH, CONVENTIONAL BOLTS.	A325, A490
HIGH-STRENGTH, TWIST-OFF-	
TYPE TENSION CONTROL BOLTS.	F1852, FF2280
COMMON BOLTS.	A307 GRADE B
THREADED RODS.	A36
ANCHOR RODS.	F1554 GRADE 36

- 5. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS, IN ACCORDANCE WITH AWS CODE.
- 6. ALL COLUMNS SHALL BE FURNISHED WITH CAP PLATES AND BASE PLATES OF
- THE SIZE INDICATED AND SHALL BE SHOP WELDED. 7. LEVELING PLATES UNDER COLUMN BASE PLATES SHALL BE SET TO EXACT GRADE AND LEVEL IN A BED OF NON-SHRINKING GROUT AT LEAST 5 DAYS PRIOR TO ERECTION OF THE MAIN FRAMING.
- 8. PROVIDE HOLES, COPINGS, NAIL HOLES, ETC., AS REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES. THEY SHALL BE SHOWN ON STRUCTURAL STEEL SHOP DRAWINGS AND SHALL BE SHOP MADE, FIELD BURNING OF HOLES OR CUTS IN STRUCTURAL STEEL MEMBERS WILL NOT BE PERMITTED, EXCEPT WITH THE SPECIFIC APPROVAL OF THE STRUCTURAL ENGINEER.
- 9. SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE FABRICATION.
- 10. CONTRACTOR TO COORDINATE OPENINGS ON ARCHITECTURAL AND MECHANICAL DRAWINGS WITH STRUCTURAL FRAMING PLAN.
- AS SHOP DRAWINGS.
- LOADS, ETC. DURING ERECTION, BRACING TO REMAIN IN PLACE UNTIL ROOF DECK AND MASONRY WALLS ARE COMPLETELY INSTALLED ...

### CONCRETE

- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND PRACTICE FOR DETAILING OF REINFORCED CONCRETE, ALL AS AMENDED BY THE NEW YORK STATE BUILDING CODE
- ALL CAST-IN-PLACE CONCRETE SHALL BE CONTROLLED STONE CONCRETE HAVING A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF: 2.1. 4,000 PSI STRUCTURAL SLABS & SLAB-ON-GRADE. 2.2. 3,500 PSI FOOTINGS, PILE CAPS, WALLS AND GRADE BEAMS.
- MINIMUM CEMENT FACTOR 5.75 BAGS PER CUBIC YARD OF CONCRETE. CONTRACTOR SHALL SUPPLY CONCRETE HAVING A 28 DAY STRENGTH 25 PERCENT GREATER THAN THE DESIGN STRENGTH SPECIFIED.
- 4. CONCRETE FOR FLOOR SLABS SHALL HAVE A MAXIMUM WATER CEMENT RATIO OF 0.40. ALL OTHER CONCRETE SHALL HAVE A MAXIMUM WATER CEMENT RATIO OF 0.45.
- 5. CONCRETE MAY CONTAIN A WATER REDUCING ADMIXTURE, AND/OR HIGH RANGE WATER REDUCING ADMIXTURE (SUPERPLASTICIZER).
- NO MORE CHLORIDE IONS THAN ARE PRESENT IN MUNICIPAL DRINKING WATER.
- 7. ALL PUMPED CONCRETE, ARCHITECTURAL CONCRETE, CONCRETE FOR SLABS, AND OTHER CONCRETE WITH A WATER-CEMENT RATIO OF 0.45 OR LESS SHALL CONTAIN THE HIGH RANGE WATER REDUCING ADMIXTURE (SUPERPLASTICIZER).
- NON-CHLORINE ACCELERATING ADMIXTURES SHALL BE USED IN ALL CONCRETE SLABS PLACED AT TEMPERATURES BELOW 50 DEGREES F. ADMIXTURE SHALL CONFORM WITH ASTM C-494 REQUIREMENTS, AND CONTAIN NO MORE CHLORINE IONS THAN ARE PRESENT IN MUNICIPAL DRINKING WATER. AIR ENTRAINING ADMIXTURE CONFORMING TO ASTM C260, SHALL BE USED IN ALL
- CONCRETE EXPOSED TO THE WEATHER. 10. WHEN CONSTRUCTION JOINTS ARE USED IN SLABS OR BEAMS, THEY SHALL BE
- LOCATED AT POINTS OF MINIMUM SHEAR, SHALL BE KEYED, AND HAVE REINFORCING RUN THROUGH JOINT OR BE DOWELED WITH SUFFICIENT DOWEL EMBEDMENT AND/OR LAP TO DEVELOP FULL STRENGTH OF REINFORCING. 1. HORIZONTAL PLACEMENT STOPS INTERRUPTING THE VERTICAL THICKNESS OF
- CONCRETE BEING PLACED ARE NOT PERMITTED.
- 12. PROVIDE PLACEMENT STOPS AND/OR CONTRACTION (CONTROL) JOINTS IN SLABS ON EARTH ALONG ALL COLUMN CENTERLINES, AND BETWEEN (1/2 BAY, 1/3 BAY, ETC.) SO THAT MAXIMUM JOINT SPACING IS LIMITED TO 25 FT +/-IN ANY DIRECTION
- 13. ALL SLABS ON EARTH SHALL BE REINFORCED AS INDICATED ON DRAWINGS. 14. CONCRETE PADS, ETC. NOT CAST INTEGRALLY, WITH SLAB ON EARTH SHALL BE REINFORCED WITH 6 X 6-6/6 WELDED WIRE MESH (6 X 6-W2.9) AT MID-DEPTH OF SLAB. UNLESS SHOWN OTHERWISE
- 15. ALL REINFORCING BARS SHALL BE NEW BILLET STEEL, DEFORMED TYPE, (ASTM A-615 GRADE 60) AND SHALL COMPLY WITH ACI CODE REQUIREMENTS.
- 16. ALL REINFORCING BARS IN SLABS AND GRADE BEAMS SHALL BE EPOXY COATED.
- 17. ALL WELDED WIRE MESH 9WWM0 SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-185
- 18. MINIMUM LENGTH OF SLAB REINFORCEMENT SHALL BE AS PER ACI BUILDING CODE
- 19. LENGTH OF REINFORCING SPLICES SHALL CONFORM TO ACI BUILDING CODE REQUIREMENTS. 20. TOP STEEL IN BEAMS AT DISCONTINUOUS ENDS SHALL EXTEND INTO ADJACENT
- SLAB 40 BAR DIAMETERS OR A MINIMUM OF 2'-0" UNLESS GREATER EXTENSION IS CALLED FOR ON DRAWINGS. 21. CONCRETE SHALL BE CURED WITH APPROVED METHODS FOR A MINIMUM OF
- SEVEN DAYS AFTER PLACEMENT. 22. CONCRETE PROTECTION FOR REINFORCING STEEL, SHALL BE AS FOLLOWS UNLESS INDICATED OTHERWISE ON DRAWINGS

SLABS	3/4"
BEAMS	1-1/
COLUMNS/PIERS	2"
CONCRETE PLACED ON GROUND	3"

- 23. USE CHAIRS TO LOCATE & HOLD ALL REINFORCEMENT IN PLACE. 24. PROVIDE 3/4" CHAMFER AT CORNERS OF ALL CONCRETE BEAMS AND COLUMNS
- EXCEPT AS DIRECTED BY ARCHITECT. 25. GROUT FOR STEEL COLUMN BASES TO BE NON-SHRINKING MORTAR, OR APPROVED MANUFACTURED NON-SHRINK GROUT.
- 26. SUBMIT SHOP DRAWINGS OF REINFORCING STEEL FOR REVIEW BEFORE FABRICATION.
- 27. ALL CONCRETE WORK, INCLUDING CONCRETE, FORMS AND REINFORCEMENT SHALL BE INSPECTED AT THE WORK SITE BY QUALIFIED INSPECTORS. A RECORD SHALL BE KEPT OF SUCH INSPECTION WHICH SHALL COVER THE CERTIFICATION OF THE CONCRETE AS REQUIRED BY THE BUILDING CODE FOR THE PLACING OF THE CONCRETE, THE SLUMP, UNIT WEIGHT, AIR CONTENT OF THE CONCRETE. PLACING OF THE REINFORCING STEEL, THE SIZE AND DIMENSION OF THE CONCRETE MEMBERS AND REINFORCING, AND A COMPLETE RECORD OF ALL TEST SAMPLES AND RESULTS.
- 28. THE PRODUCER OF CONCRETE SHALL USE MIX PROPORTIONS AND WATER CEMENT RATIOS WHICH HAVE BEEN SHOWN BY PREVIOUS TESTS TO PRODUCE SATISFACTORY CONCRETE OF THE REQUIRED STRENGTH AT A SLUMP OF 5 INCHES WITH A TOLERANCE OF PLUS OR MINUS 1 INCH. EACH LOAD OF CONCRETE SHALL BE CERTIFIED BY THE PRODUCER TO THE OWNER AS TO THE CONCRETE STRENGTH AND QUANTITIES PER CUBIC YARD OF EACH MATERIAL. A COPY OF SUCH CERTIFICATION SHALL BE READILY AVAILABLE TO THE BUILDING DEPARTMENT DURING THE PROGRESS OF THE WORK AND FOR TWO YEARS THEREAFTER.
- 29. SAMPLES MUST BE TAKEN FROM MIXER AND TESTED FOR SLUMP. AIR CONTENT. TEMPERATURE. AND WEIGHT PER CUBIC FOOT AS PER 27-607. FOR EACH CLASS OF CONCRETE POURED EACH DAY FOUR (4) TEST CYLINDERS SHALL BE MADE FROM SAMPLING FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF. CYLINDERS SHALL BE CURED AND STORED AND TESTED AS REQUIRED BY THE NEW YORK STATE CODE.

- 11. REPRODUCTION OF STRUCTURAL DESIGN DRAWINGS ARE NOT TO BE SUBMITTED
- 12. PROVIDE TEMPORARY BRACING AS REQUIRED TO RESIST WIND, CONSTRUCTION

### STRUCTURAL DESIGN CRITERIA

APPLICABLE CODE: NEW YORK STATE BUILDING CODE 2020 DEAD LOADS:

APPLICABLE DEAD LOADS ARE SHOWN FOR EACH STRUCTURE. SEE INDIVIDUAL FRAMING PLANS.

FOR THE DELEGATED DESIGN OF THE ENGINEERED BUILDINGS IN THE PROJECT, THE CONTRACTOR SHALL INCLUDE ANY MANUFACTURER SPECIFIC DEAD LOADS AS WELL AS DEAD LOADS FOR ALL COMPONENTS SHOWN IN THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SPRINKLER DRAWINGS.

<u>LIVE LOAD</u> : MINIMUM ROOF LIV	E LOAD:	20 PSF	
SNOW LOAD: GROUND SNO SNOW LOAD: SNOW EXPOSUR SNOW IMPOR THERMAL FA	E FACTOR (Ce): RTANCE FACTOR (Is)	30 PSF 25.2 PSF 1.0 1.0 1.2	
WIND LOAD:	BASIC WIND SPEED: OCCUPANCY CATEGORY WIND IMPORTANCE FACT WIND EXPOSURE:		114 MPI II 1.0 C
<u>EARTHQUAKE</u> :	IMPORTANCE FACTOR (le SEISMIC OCCUPANCY CA SOIL SITE CLASS: MAPPED SPECTRAL RESF MAPPED SPECTRAL RESF ADJUSTED SPECTRAL RESF DESIGN SPECTRAL RESP DESIGN SPECTRAL RESP SEISMIC DESIGN CATEGO	, TEGORY: PONSE (Ss): SPONSE (S1): SPONSE (Sms): SPONSE (Sm1): ONSE (Sds): ONSE (Sd1):	1.0 II D 0.281 0.061 0.442 0.145 0.295 0.097 B

### SPECIAL INSPECTION ITEMS

THE FOLLOWING ITEMS OF WORK ARE SUBJECT TO SPECIAL INSPECTION BY A QUALIFIED SPECIAL INSPECTION AGENCY, PER THE REQUIREMENT OF THE NEW YORK STATE BUILDING CODE.

THE CONTRACTOR SHALL ENGAGE, HIRE AND PAY ALL COSTS ASSOCIATED WITH PROVIDING SPECIAL INSPECTION SERVICES. COORDINATE WITH INDIVIDUAL SPECIFICATIONS SECTIONS.

CODE REFERENCE INS	PECTION REQUIREMENT
BC 1705.3 & TABLE 1705.3	CONCRETE CONSTRUCTION
REINFORCEMENT & PLACEMENT	PERIODIC
ANCHOR PLACEMENT	CONTINUOUS
CONCRETE SAMPLING & TESTIN	G CONTINUOUS
DESIGN MIX	PERIODIC
FORMWORK	PERIODIC
BC 1704.7 & TABLE 1704.7	SOILS
FOOTING SUBGRADE BEARING	
CAPACITY	PERIODIC
ELEVATION BOTTOM OF FOOTIN	G PERIODIC
TESTING OF CONTROLLED FILL	PERIODIC
PLACEMENT & COMPACTION OF	
CONTROLLED FILL	CONTINUOUS
SUBGRADE PRIOR TO	
CONTROLLED FILL	PERIODIC

BC 1705.2.2 & 1705.2.2 STRUCTURAL STEEL

PERFORM PERIODIC SPECIAL INSPECTION OBSERVATIONS PER THE REQUIREMENTS OF AISC 360-11 FOR:

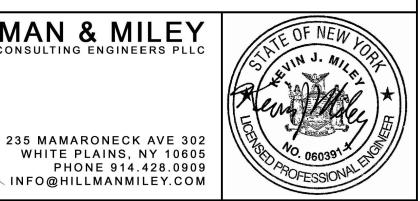
WELDING BEFORE, DURING AND AFTER WELDING COMPLETED. HIGH STRENGTH BOLTING BEFORE, DURING AND AFTER BOLTED CONNECTIONS COMPLETED.

COLD-FORMED STEEL LIGHT GAUGE FRAMING BC 1705.12.3 PERIODIC SPECIAL INSPECTION OBSERVATIONS OF SCREW ATTACHMENTS, BOLTING, ANCHORING FOR ALL EXTERIOR WALLS AND ROOF CONSTRUCTION.

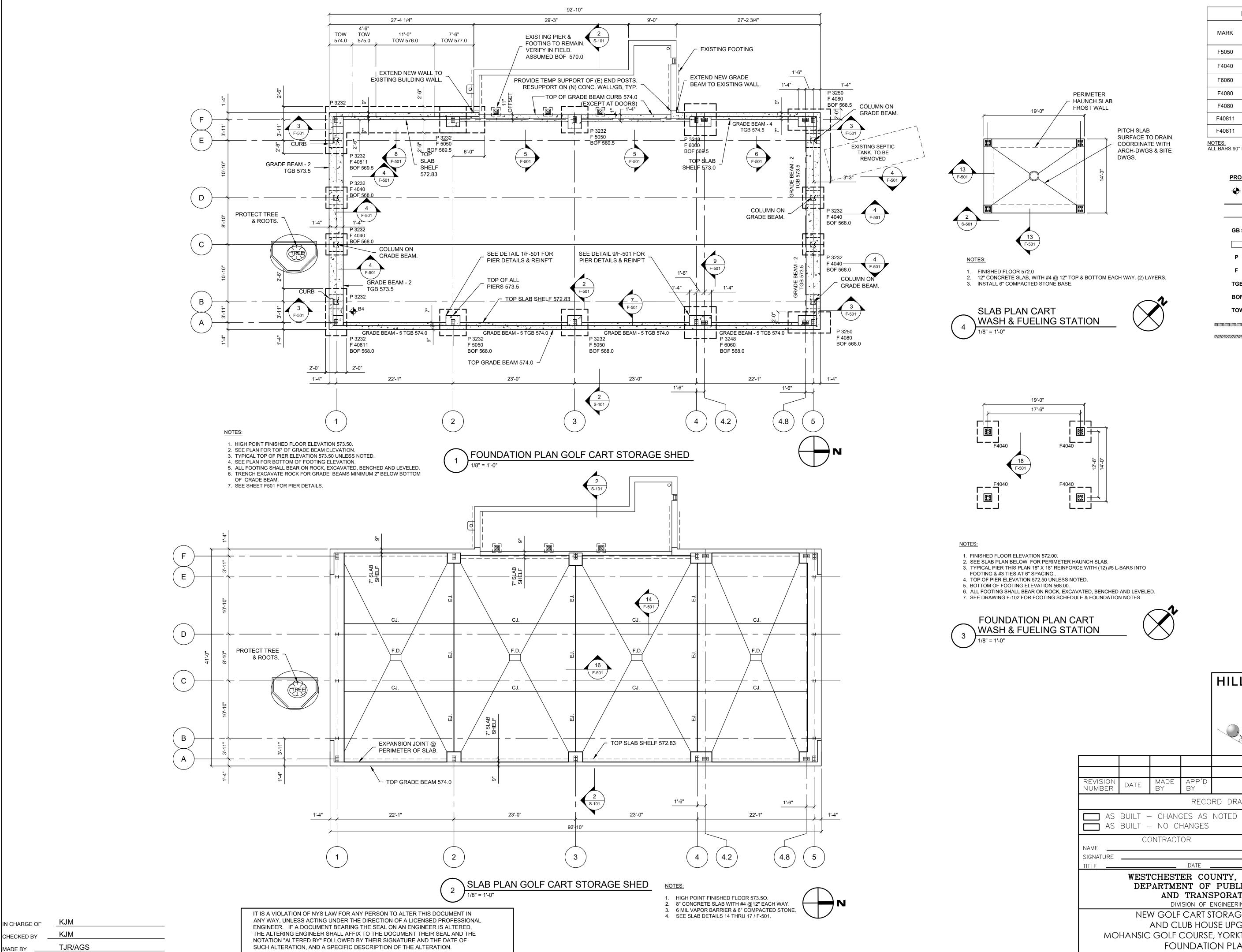
BC 1705.6 & TABLE 1705.6 INSPECTIONS & TESTS OF SOILS VERIFY BEARING CAPACITY PERIODIC VERIFY FOOTING DEPTH & PROPER MATERIAI PERIODIC

COMPACTED FILL OPERATIONS & DENSITY TESTING

CONTINUOUS **HILLMAN & MILEY** CONSULTING ENGINEERS PLL



REVISION NUMBER	DATE	MADE BY	APP'D By		REVISION				
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TITLE			DATE		TITLE		DATE		_
WESTCHESTER COUNTY, NE DEPARTMENT OF PUBLIC AND TRANSPORATIO				PUBLIC	WORKS		CONTRACT NUMBER 17-539	sheet NUMBER <b>S-00</b>	
					•		SHEET NO. 18	3 OF 5	59
NEW GOLF CART STORAGE F				ACILITY		SCALE: NTS			
	AND CLUB HOUSE UPGRA				DES		DATE: 6/4/2	1	
MO	HANSIC	GOLF	COURSE	e, yorktov	VN, NEW `	YORK	DPW FILE NO.		REV. NO.
		STR	UCTUR	AL NOTES			10-02-S-51		0

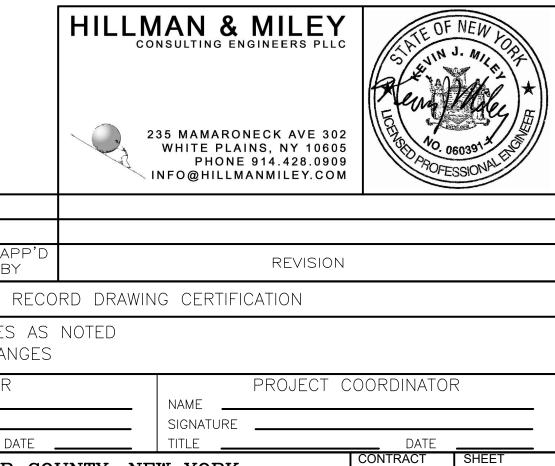


### **PROJECT SPREAD FOOTING SCHEDULE**

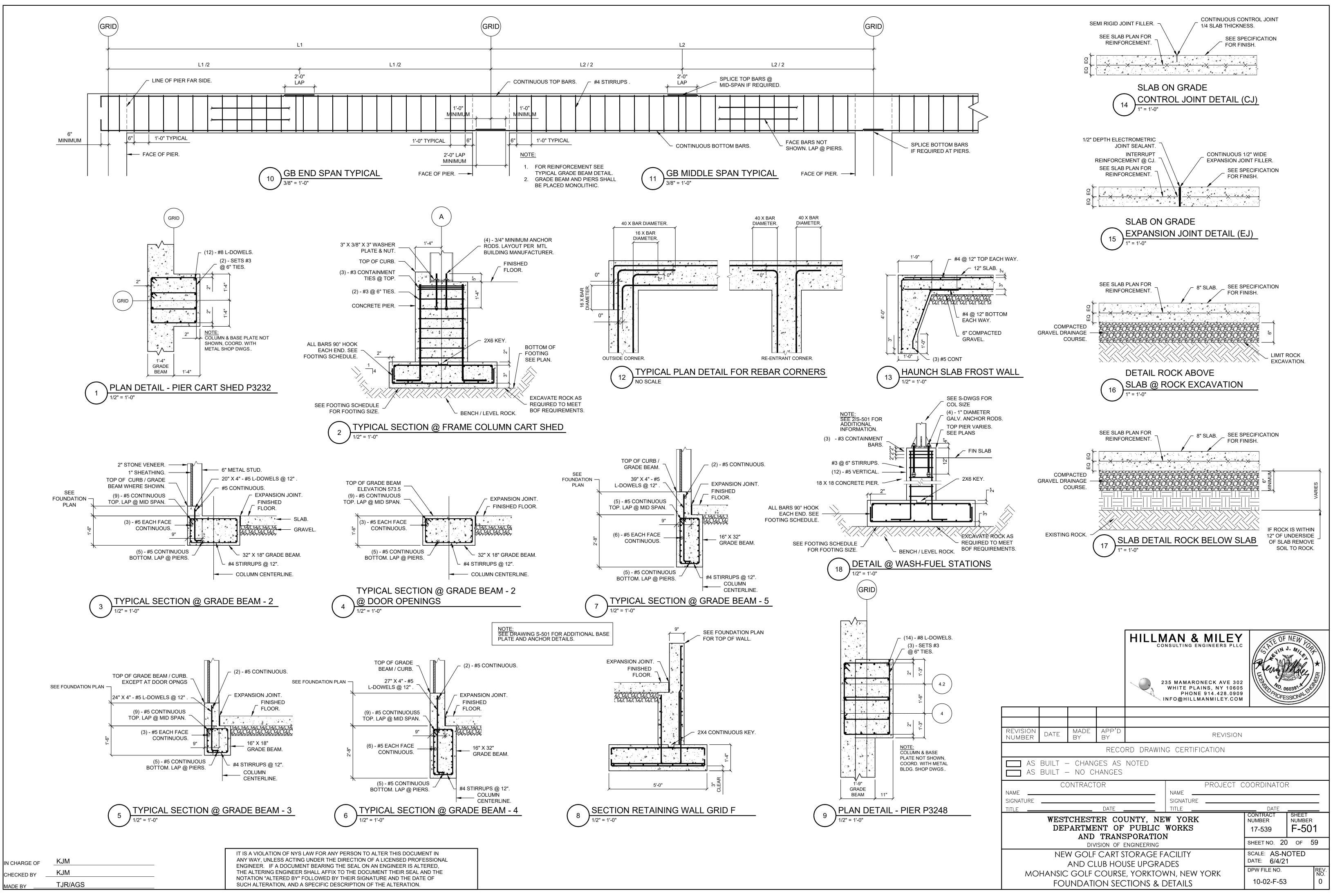
MARK	SIZE	DEPTH	BOTTOM REINFORCING EACH WAY	TOP REINFORCING EACH WAY			
F5050	5'-0" X 5'-0"	1'-4"	(6) - #5	(6) - #5			
F4040	4'-0" X 4'-0"	1'-0"	(7) - #4	(7) - #4			
F6060	6"-0" X 6"-0"	1'-4"	(10) - #5	(10) - #5			
F4080	4'-0" X 8'-0"	1'-4"	(6) - #5 LW	(6) -#5 LW			
F4080			(12) - #5 SW	(12) - #5 SW			
F40811	4'-0" X 8'-11"	1'-4"	(6) - #5 LW	(6) -#5 LW			
F40811			(14) - #5 SW	(14) - #5 SW			

<u>NOTES:</u> ALL BARS 90° HOOK EACH END.

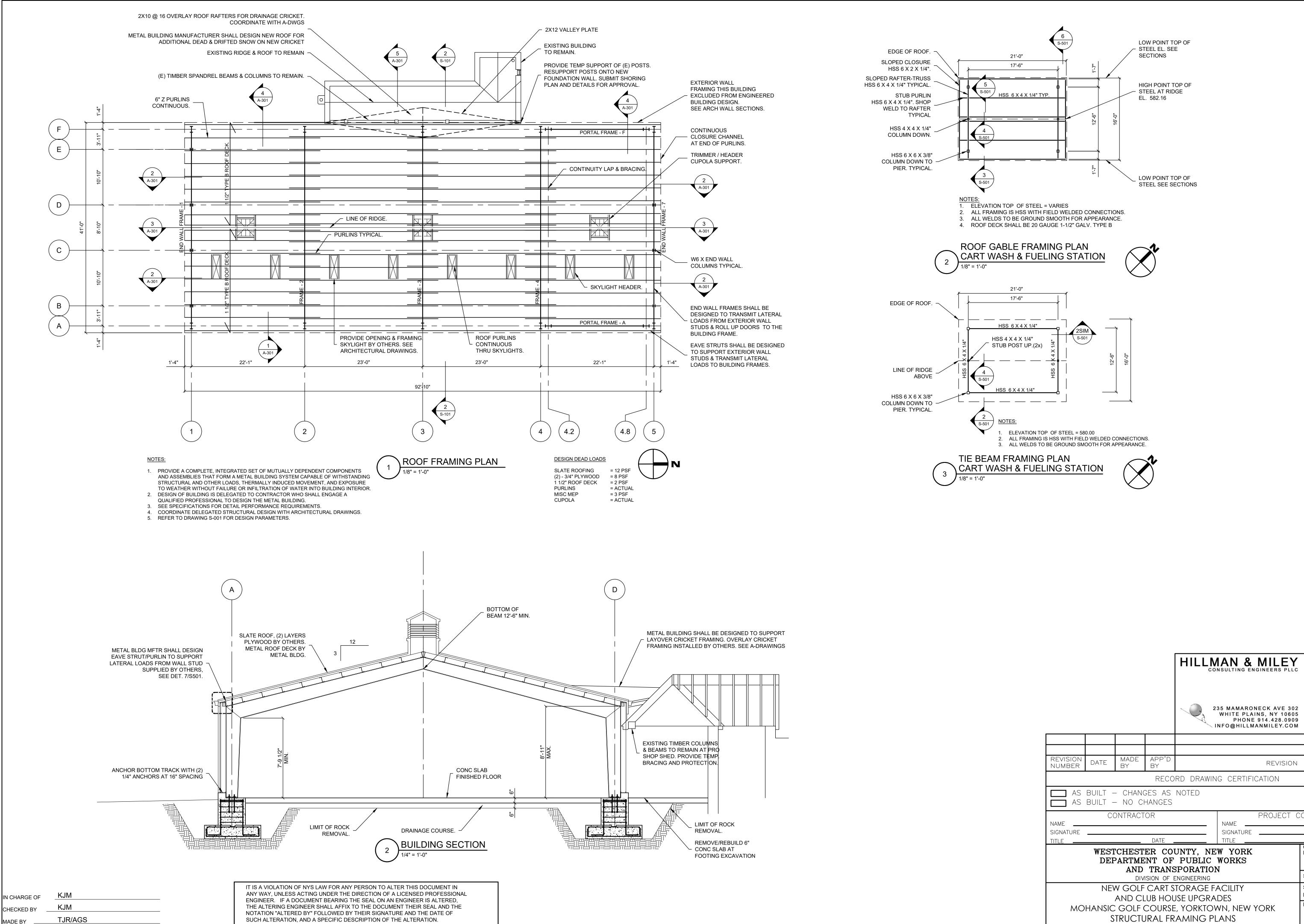
PROJECT LEGEND:					
$\blacklozenge$	TEST BORING				
	EXPANSION JOINT SEE 12/501 (EJ)				
	CONTROL JOINT SEE 11/F501 (CJ)				
GB #	GRADE BEAM NUMBER				
	FLOOR DRAIN (F.D.)				
Р	PIER				
F	FOOTING				
TGB	TOP OF GRADE BEAM				
BOF	BOTTOM OF FOOTING				
тоw	TOP OF WALL				
	EXISTING SOIL				
	EXISTING ROCK				



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WESTCHESTER COUNTY, NE DEPARTMENT OF PUBLIC AND TRANSPORATION	WORKS	contract number 17-539	sheet NUMBER <b>F-10</b>	1
DIVISION OF ENGINEERING	. <b>v</b>	SHEET NO. 19	) OF 5	9
NEW GOLF CART STORAGE FA AND CLUB HOUSE UPGRA	-	SCALE: 1/8"=1'-0" DATE: 6/4/21		
MOHANSIC GOLF COURSE, YORKTOV FOUNDATION PLANS	WN, NEW YORK	DPW FILE NO. 10-02-F-52		REV NO. 0



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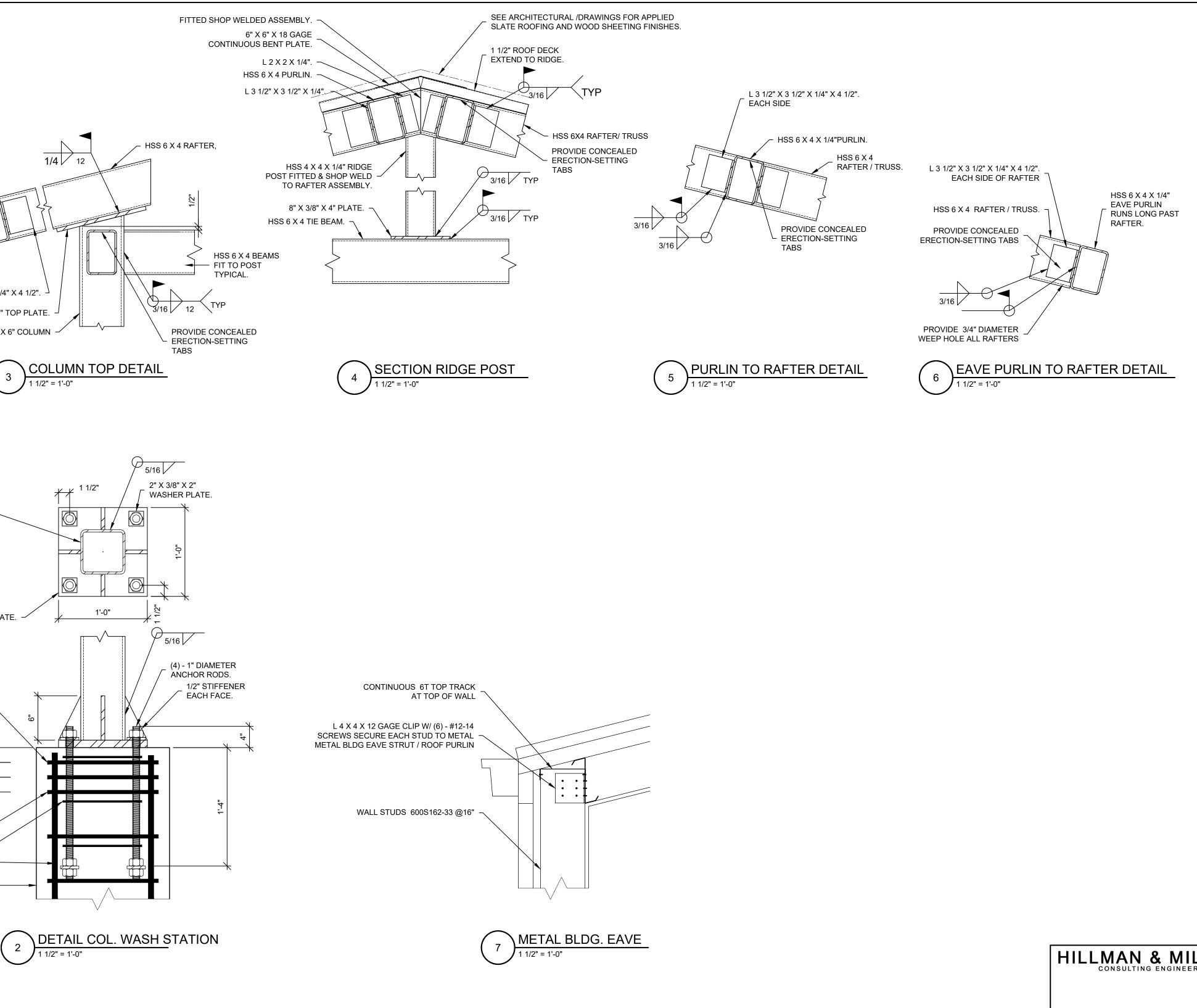


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						contract number 17-539	sheet NUMBER <b>S-10</b>	1			
							SHEET NO. 21	of 5	9		
NEW GOLF CART STORAGE FACILITY AND CLUB HOUSE UPGRADES						SCALE: AS-N DATE: 6/4/21					
MOHANSIC GOLF COURSE, YORKTOV STRUCTURAL FRAMING PL					VN, NEW Y	YORK	DPW FILE NO. 10-02-S-54		rev. NO. 0		

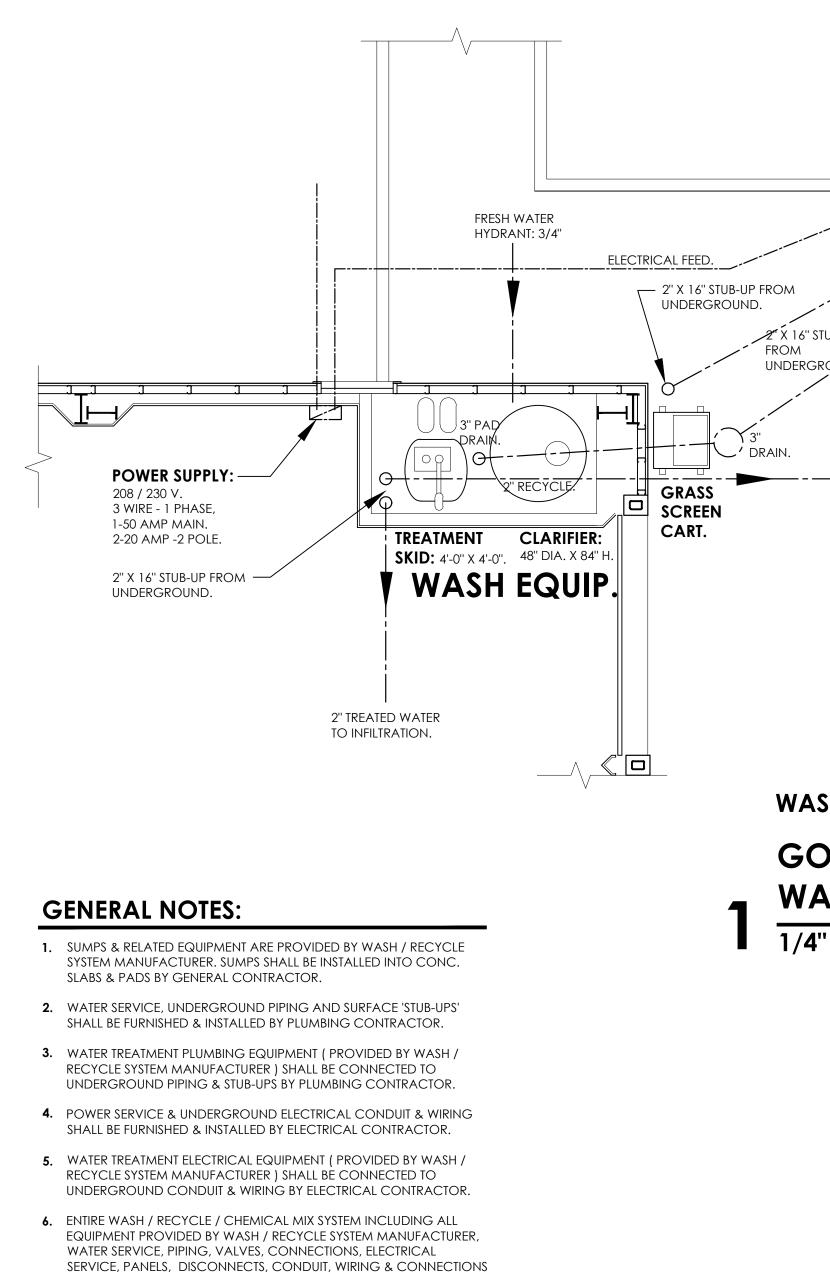
	HSS 6 X 4 EDGE BEAM. L 3 1/4" X 3 1/2" X 1/4" 6 1/2" X 1/2" X 12" T HSS 6 X 0
A" A" BASE PLATE. A" A" BASE PLATE. TOTAL SEE METAL BUILDING	HSS 6 X 6 COLUMN. — 12" X 1" X 12" BASE PLAT
BUILDING (4) - 1° DIAMETER ANCHOR RODS. FRAME COLUMN BY METAL BUILDING COMPANY. (3) - # 3 CONTAINMENT BARS. (3) - # 3 CONTAINMENT BARS. (4) - 1° DIAMETER ANCHOR RODS. FRAME COLUMN BY METAL BUILDING COMPANY. (3) - # 3 CONTAINMENT BARS. (4) - 1° DIAMETER ANCHOR RODS. (3) - # 3 CONTAINMENT BARS. (4) - 1° DIAMETER ANCHOR RODS. (5)	(3) - # 3 CONTAINMENT BARS. (3) - # 3 CONTAINMENT BARS. #3 @ 6" STIRRUPS. #3 @ 6" STIRRUPS. #2 @ 6" ANCHOR TIES (12) - #5 VERTICAL. 18" X 18" CONCRETE PIER.
DETAIL FRAME COLUMN ANCHORS	

			IT IS A VIOLATION OF NYS LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN
	N CHARGE OF	KJM	ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONA
			ENGINEER. IF A DOCUMENT BEARING THE SEAL ON AN ENGINEER IS ALTERED,
	CHECKED BY	KJM	THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE
ľ			NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF
	MADE BY	TJR/AGS	SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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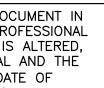


7. REVIEW ALL EQUIPMENT, COMPONENTS, LOCATIONS & CONNECTION ROUTES WITH WASH / RECYCLE SYSTEM MANUFACTURER, ARCH. & OWNER IN FIELD PRIOR TO ANY WORK.

SHALL BE COORDINATED BY GENERAL CONTRACTOR IN THE FIELD.

### LAYOUT NOTE:

- 1. LAYOUT SHOWN IS A SCHEMATIC DIAGRAM OF SYSTEM COMPONENTS PERTAINING TO A SPECIFIC MANUFACTURER DESCRIBED IN THE SPECIFICATIONS.
- 2. ALTERNATE SYSTEM MANUFACTURERS MAY HAVE SLIGHTLY DIFFERENT EQUIPMENT, COMPONENTS & CONNECTION LAYOUTS.
- **3.** SYSTEM COST PROPOSALS SHALL BE BASED UPON COMPARABLE APPROVED SYSTEMS OFFERING EQUAL PERFORMANCE & OPERATION TO THE LAYOUT SHOWN & SPECIFIED.



	EUEL TANK. BY OTHERS ) SUMP:	
	PRIMARY SUMP: 3'-0" DIA. X 3'-0" DEEP. NEMA-4 J-BOX.	
	3 #12 WIRES.	
2" PUMP DISCHARG	GE: OVERHEAD HOSE REEL. PH 2" X 16" STUB-UP FROM	
3 DRAIL	RECYCLE HYDRANT: 3/4" 2" X 16" STUB-UP FROM UNDERGROUND. 3/4" FRESH	
UP ND.		
2" RECYCLE	PH FRESH WATER HYDRANTS: 3/4" 80 PSI	
ING & FUEL	L DISPENSING STATION	
	STORAGE SHED:	
	YCLE EQUIPMENT LAYOUT.	
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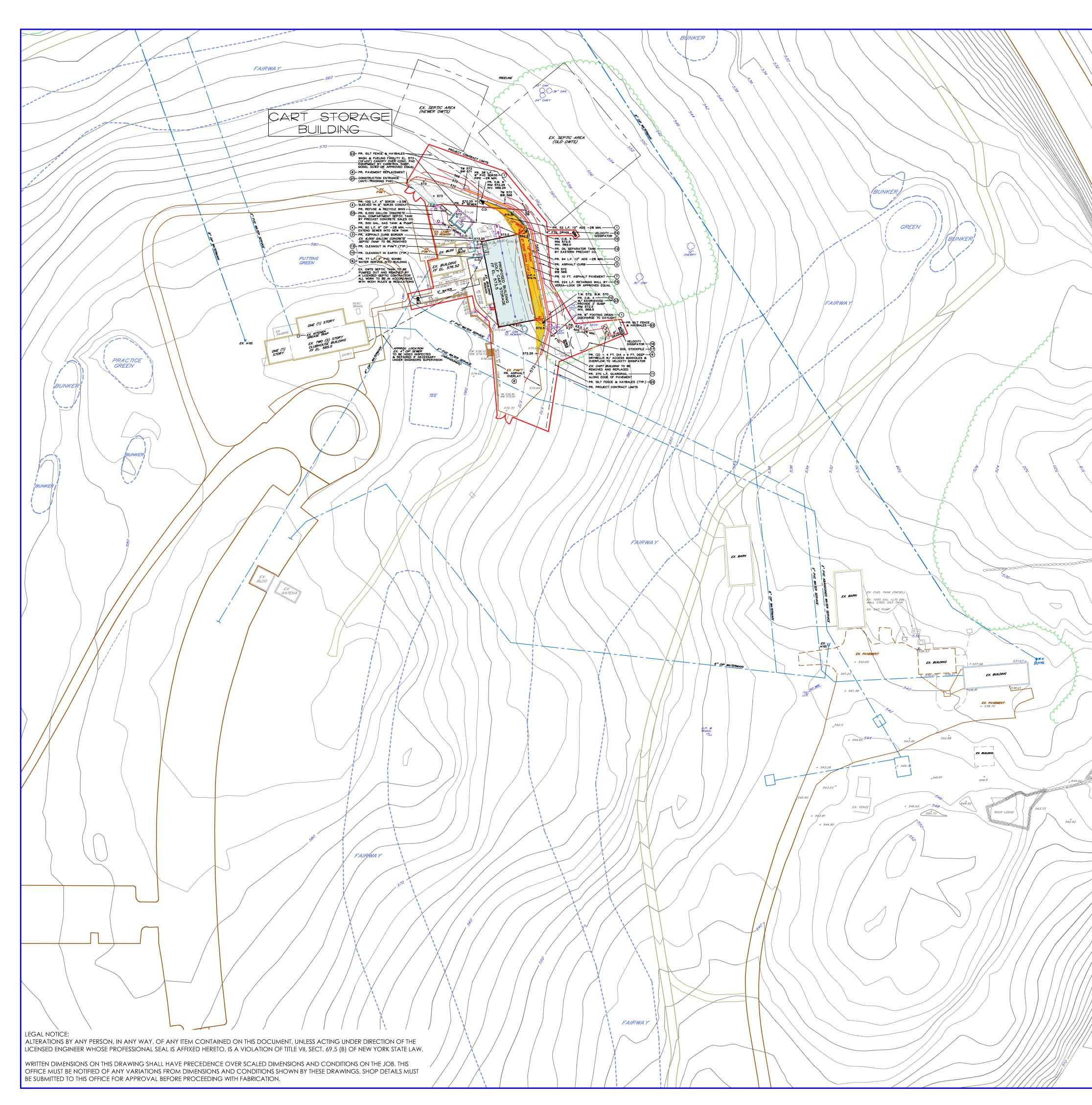
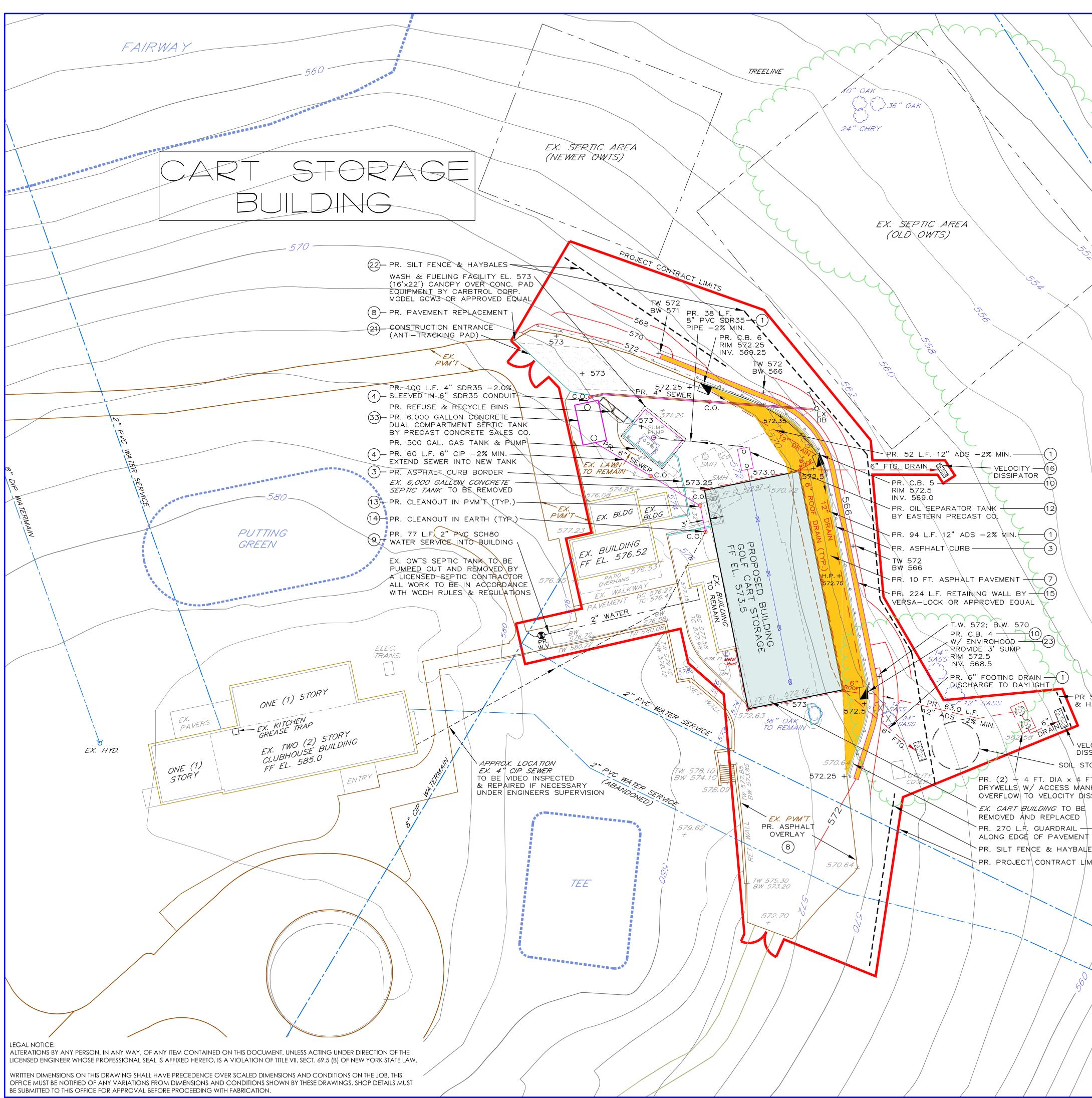
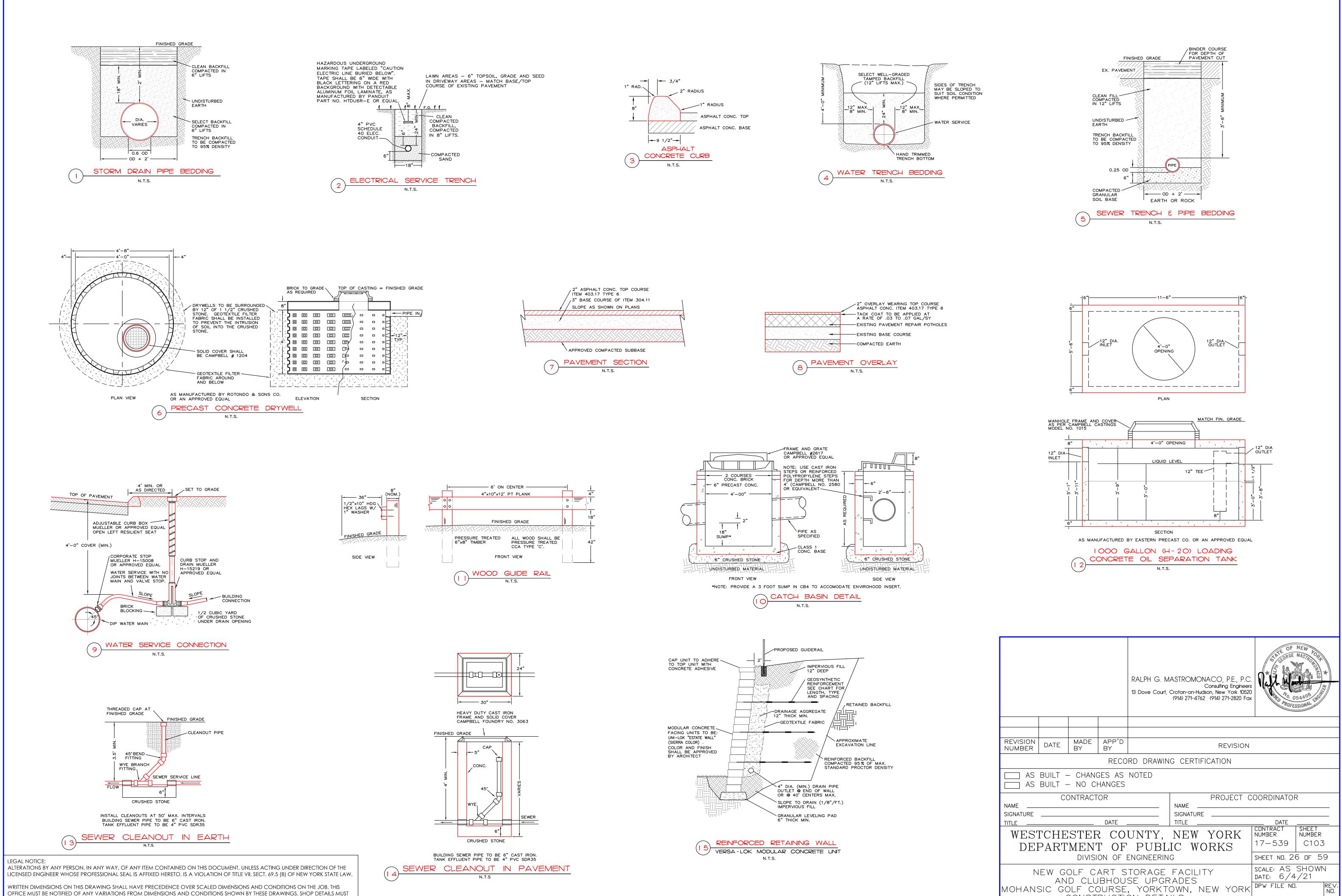


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+ 545.17	RALPH G. MASTROMONACO, P.E., P.C. Consulting Engineers 13 Dove Court, Croton-on-Hudson, New York 10520 (914) 271-4762 (914) 271-2820 Fax
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	DIVISION OF ENGINEERING NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE, YORKTOWN, NEW YORK OVERALL SITE PLAN DPW FILE ND. 10-02-C-57-0 0

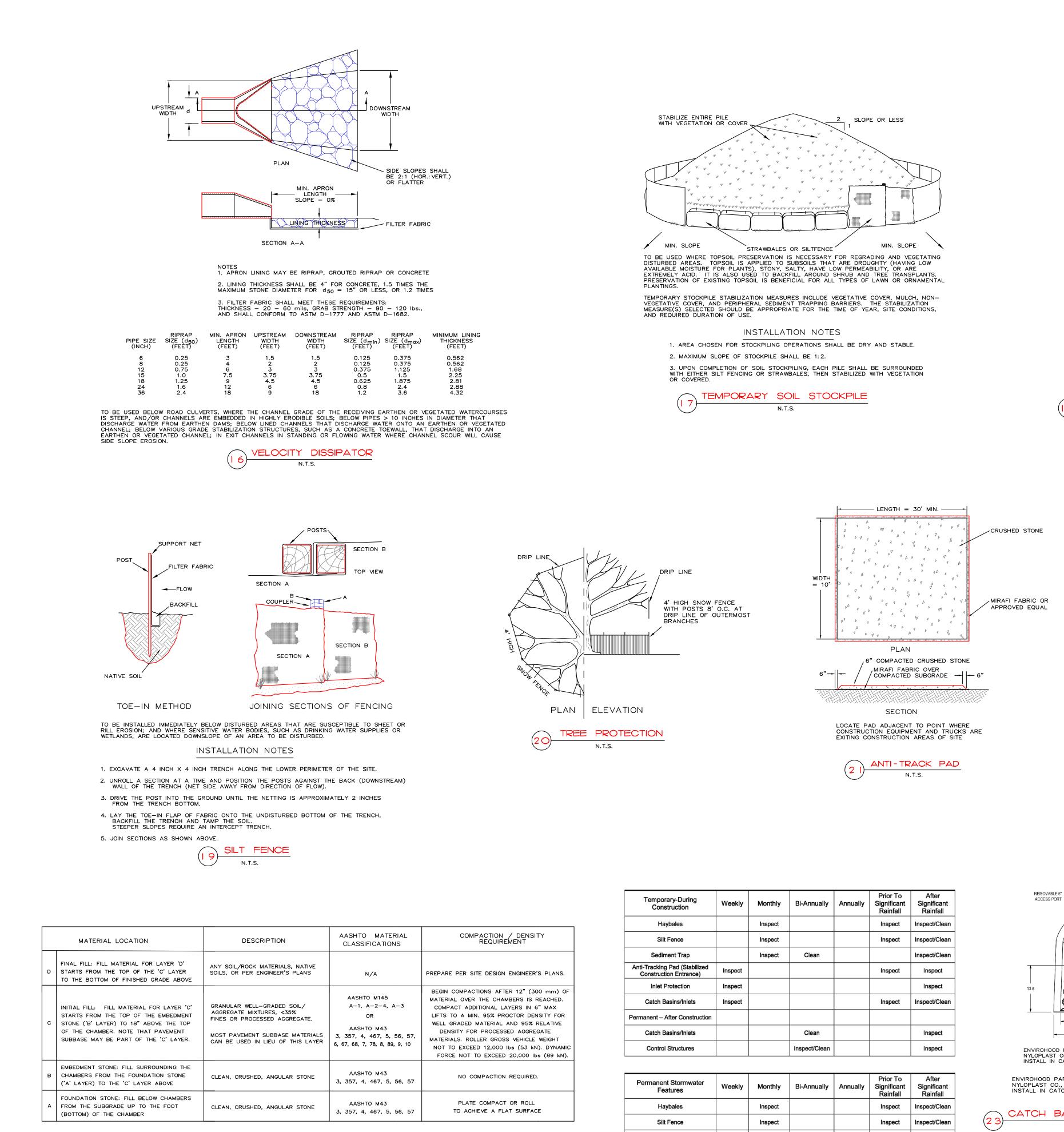


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		SION OF ENGINEERING SHEET NO. 25 OF 59
/ / /		SART STORAGE FACILITY SCALE: $1'' = 20'$
	AND CLU	JBHOUSE UPGRADES
	MOHANSIC GOLF CO	OURSE, YORKTOWN, NEW YORK DEW FILE NO.
	GULF CAR	RT STORAGE FACILITY 10-02-C-58-00



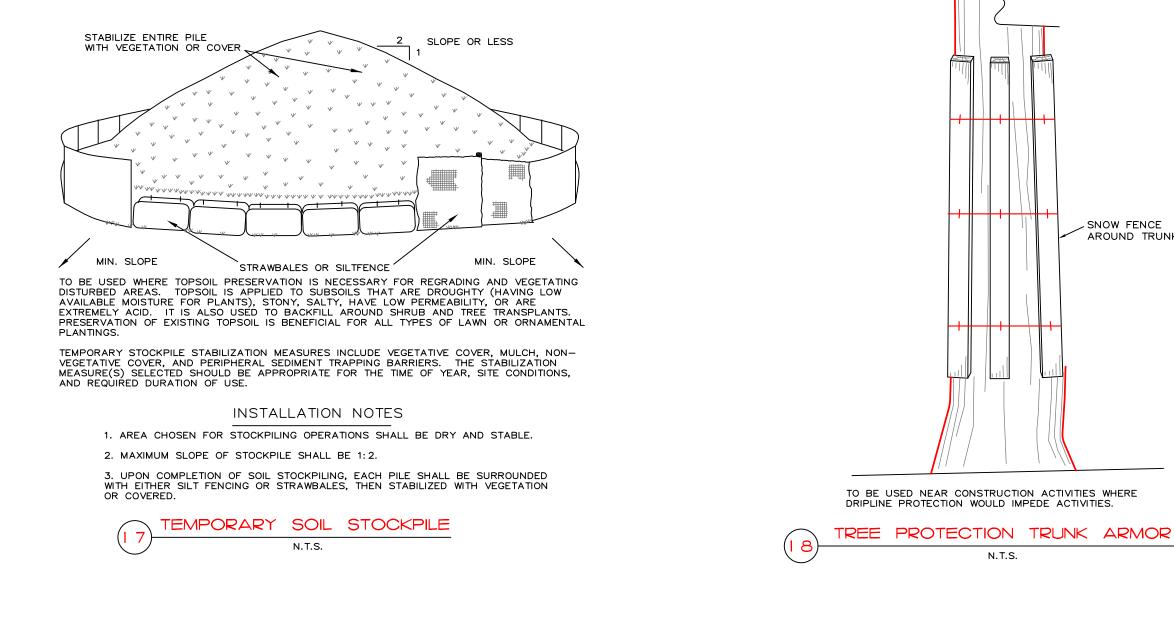
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

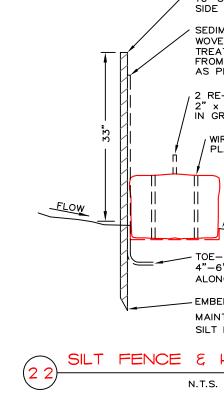
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NEW GOLF CART STORAGE AND CLUBHOUSE UPGR		scale: AS date: 6/4		
MOHANSIC GOLF COURSE, YORKT	OWN, NEW YORK	DPW FILE NO.	NE	
CONSTRUCTION DETA	ILS	10-02-C-	-59—0 C	)



EGAL NOTICE: ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER DIRECTION OF THE LICENSED ENGINEER WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE VII, SECT. 69.5 (B) OF NEW YORK STATE LAW.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.





Temporary-During Construction	Weekly	Monthly	Bi-Annually	Annually	Prior To Significant Rainfall	After Significant Rainfall
Haybales		Inspect			Inspect	Inspect/Clean
Silt Fence		Inspect			Inspect	Inspect/Clean
Sediment Trap		Inspect	Clean			Inspect/Clean
Anti-Tracking Pad (Stabilized Construction Entrance)	Inspect				Inspect	Inspect
Inlet Protection	Inspect					Inspect
Catch Basins/Inlets	Inspect				Inspect	Inspect/Clean
Permanent – After Construction						
Catch Basins/Inlets			Clean			Inspect
Control Structures			Inspect/Clean			Inspect

Permanent Stormwater Features	Weekly	Monthly	Bi-Annually	Annually	Prior To Significant Rainfall	After Significant Rainfall
Haybales		Inspect			Inspect	Inspect/Clean
Silt Fence		Inspect			Inspect	Inspect/Clean
Chambers			Inspect			
Filters		Inspect				Inspect

◄──── 20.4 ───► ENVIROHOOD PART NUMBER 7004-110-108 AS MANUFACTURED BY NYLOPLAST CO., OR AN APPROVED EQUAL. INSTALL IN CATCHBASIN CB4 AT 12 INCH OUTLET PIPE AND PROVIDE 3 FOOT SUMP. ENVIROHOOD PART NUMBER 7004-110-108 AS MANUFACTURED BY NYLOPLAST CO., OR AN APPROVED EQUAL. INSTALL IN CATCHBASIN CB4 AT 12 INCH OUTLET PIPE AND PROVIDE 3 FOOT SUMP. CATCH BASIN OIL & DEBRIS SEPARATOR INSERT N.T.S.

STORMWATER DEVICE MAINTENANCE SCHEDULE

SNOW FENCE AROUND TRUNK

HARDWOOD OR METAL POST 10' O.C. ON DOWNHILL SIDE OF FENCE SEDIMENT CONTROL FABRIC WOVEN POLYPROPYLENE TREATED TO RESIST DEGRADATION FROM SUNLIGHT AS PER AMOCO FABRICS CO. 2 RE-BARS, STEEL PICKETS, OR 2" x 2" STAKES 1 1/2' TO 2' IN GROUND

WIRE OR NYLON BOUND BALES PLACED ON THE CONTOUR

VERTICAL FACE

TOE-IN FLAP OF FABRIC 4"-6" BELOW GRADE ALONG FENCE LINE EMBED POST 18" MAINTAIN FENCE BY REMOVING SILT BUILDUP AS NECESSARY

SILT FENCE & HAYBALE DETAIL

GENERAL EROSION CONTROL NOTES: 1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

2. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND PROCEDURES SHALL COMPLY WITH THE STANDARDS AND SPECIFICATIONS OF THE "WESTCHESTER COUNTY BEST MANAGEMENT MANUAL FOR CONSTRUCTION RELATED ACTIVITIES." 3. PRIOR TO ANY EXCAVATION, SILT FENCE SHALL BE INSTALLED AT THE APPROPRIATE LOCATIONS NOTED ON EROSION CONTROL PLAN. SILT FENCING SHALL BE INSTALLED AS DIRECTED BY THE OWNER'S REPRESENTATIVE IN THE FIELD AND INSTALLED AS PER THE

INSTRUCTIONS OF THE MANUFACTURER. ADDITIONAL SILT FENCE MAY BE PLACED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. SILT FENCING SHALL BE MAINTAINED IN OPERABLE CONDITION AND SHALL NOT BE REMOVED UNTIL DISTURBED AREAS ARE THOROUGHLY STABILIZED.

4. IMMEDIATELY TOPSOIL & SEED WITH A MIXTURE OF PERENNIAL RYE GRASS, ANNUAL RYE GRASS AND WINTER RYE AND MULCH WITH 2" OF HAY ALL FINISHED SLOPES AND ALL ROUGH CUT SLOPES TO REMAIN OPEN FOR EXTENDED PERIODS. 5. ALL SLOPES CONSTRUCTED WITH FILL MATERIAL AND ALL SLOPES WITH GRADE 3:1 OR STEEPER SHALL BE TOPSOILED, SEEDED, MULCHED AND STABILIZED WITH STAKED TOBACCO NETTING, UNLESS OTHERWISE

6. ALL AREAS OF DISTURBED SOIL SHALL BE STABILIZED. IN ADDITION TO ALL SPECIFIED AND LOCATED EROSION CONTROL DEVICES, THE CONTRACTOR SHALL TAKE ALL STEPS PRUDENT AND NECESSARY TO STABILIZE THE SITE AT ALL TIMES.

7. DO NOT STOCKPILE MATERIALS ON STEEP SLOPES, IN DRAINAGE SWALES OR IN WETLAND AREAS. SURROUND ALL STOCKPILE AREAS WITH STAKED HAYBALES OR SILT SCREEN MATERIALS. 8. ALL CATCHBASINS ARE TO BE PROTECTED WITH HAYBALE FILTERS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.

9. HAYBALES SHALL BE USED AT THE TOPS AND TOE OF SLOPES, AS NECESSARY, TO COLLECT SILT AND DIVERT FLOWS. SILT SCREENS WILL BE USED IN AREAS OF UNCONCENTRATED FLOWS TO COLLECT SILT. HAYBALES AND SILT SCREEN ON PLANS MAY BE AUGMENTED IN THE FLOD THE FIELD.

10. UTILITY LINE EXCAVATED MATERIAL SHALL BE TEMPORARILY STOCKPILED ON HIGH SIDE OF EXCAVATION SO RUNOFF IS DIRECTED AWAY FROM TRENCH. AFTER BACK-FILLING, AREA IS TO BE TOPSOILED, SEEDED AND MULCHED.

11. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

12. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION. 13. INSTALL GRAVEL BED AT CONSTRUCTION ENTRANCE TO SERVE AS ANTI-TRACKING PAD. GRAVEL BED TO BE 2" DIAMETER CRUSHED

STONE 6" DEEP.

14. A WATERING TRUCK WILL BE USED IN DRY SEASON TO WET DOWN DUST AREAS 15. BLASTING AREAS - ROCK RIPPING WILL BE USED WHEREVER POSSIBLE. BLASTING WILL OCCUR IN ACCORDANCE WITH ALL REGULATIONS

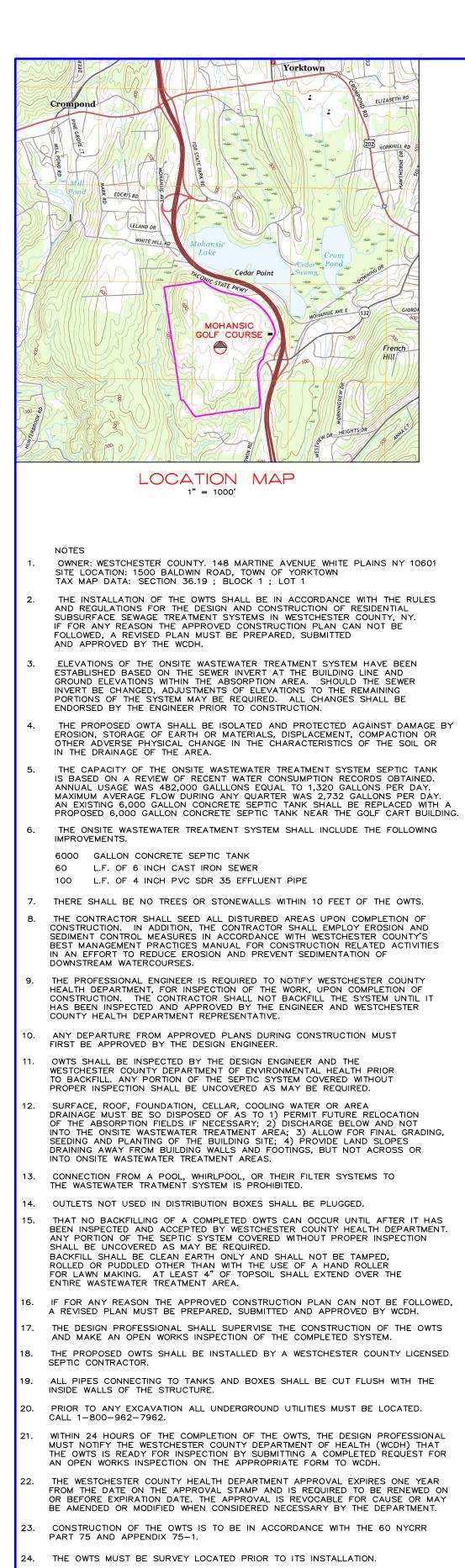
CONSTRUCTION NOTES: 1. THE CONTRACTOR SHALL LOCATE AND VERIFY IN THE FIELD ALL UTILITIES – GAS, WATER, ELECTRICAL BEFORE THE START OF CONSTRUCTION. CONTRACTOR SHALL CALL CODE 753 (FORMERLY CODE 53). THE INSTALLATION OF WATER AND SEWER SHALL BE UNDER THE DIRECTION OF A N.Y. STATE LICENSED PROFESSIONAL ENGINEER. 3. EROSION CONTROL MEASURES, INCLUDING STAKED HAYBALES, SHALL BE REQUIRED AS DIRECTED BY THE COUNTY, ACCORDING TO STANDARDS DESCRIBED IN THE WESTCHESTER COUNTY BEST MANAGEMENT PRACTICES MANUAL FOR CONSTRUCTION ACTIVITIES. 4. AS BUILT PLANS SHALL BE REQUIRED AND CERTIFIED BY A N.Y. STATE LICENSED PROFESSIONAL ENGINEER. 5. ALL PROPERTY DISTURBED IN THE R.O.W. OR ON PRIVATE LANDS, SHALL BE RESTORED TO NEW CONDITIONS. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICATIONS AND PERMITS REQUIRED FOR CONSTRUCTION. 7. THE ROAD AND UTILITIES SHALL BE STAKED IN THE FIELD BY A N.Y. STATE LICENSED SURVEYOR OR ENGINEER. 8. UNDERGROUND GAS AND ELECTRIC SHALL BE AS REQUIRED BY THE COUNTY OF WESTCHESTER.

9. SITE TOPOGRAPHY IS BY OTHERS. NO CERTIFICATION IS GIVEN.

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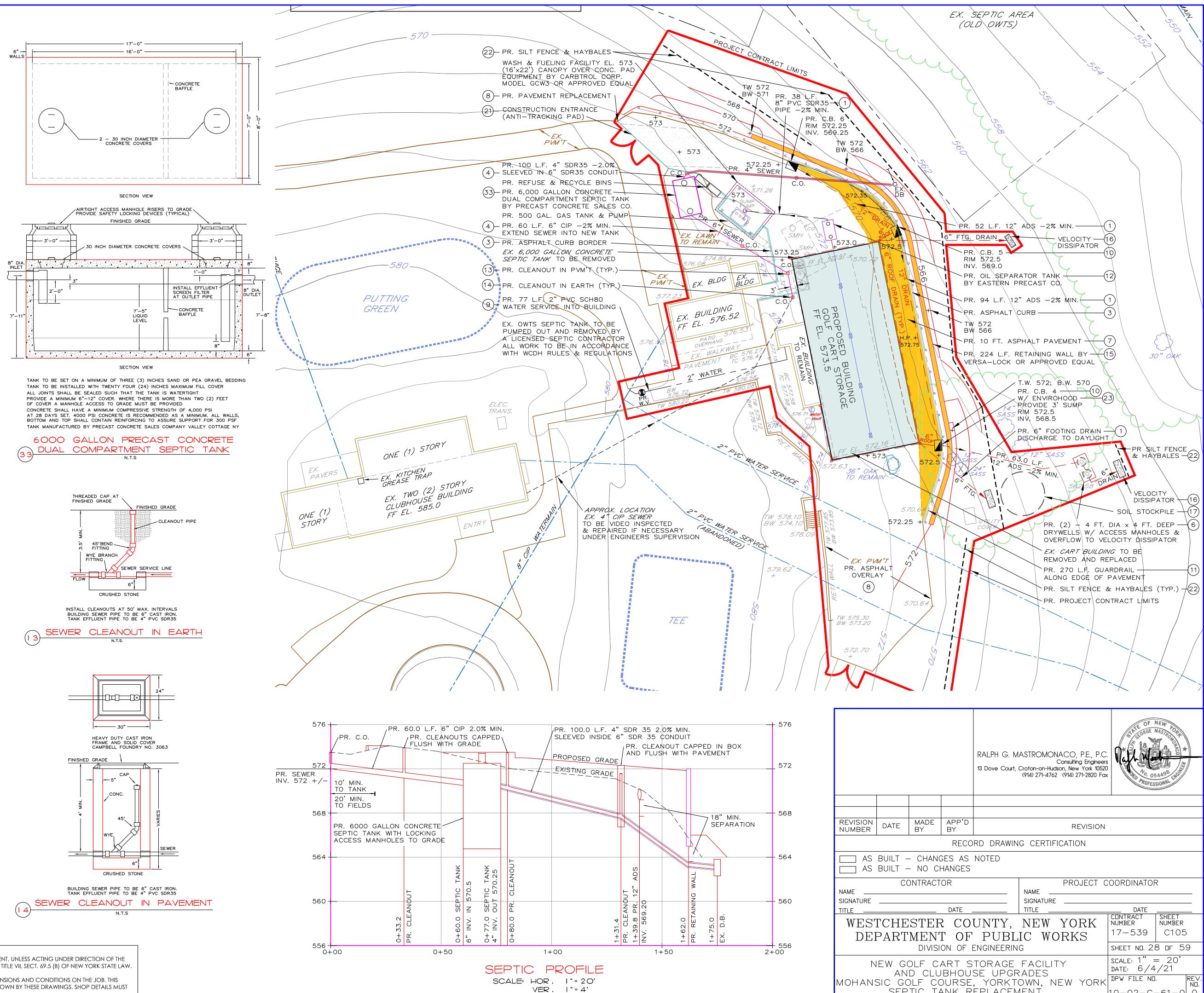
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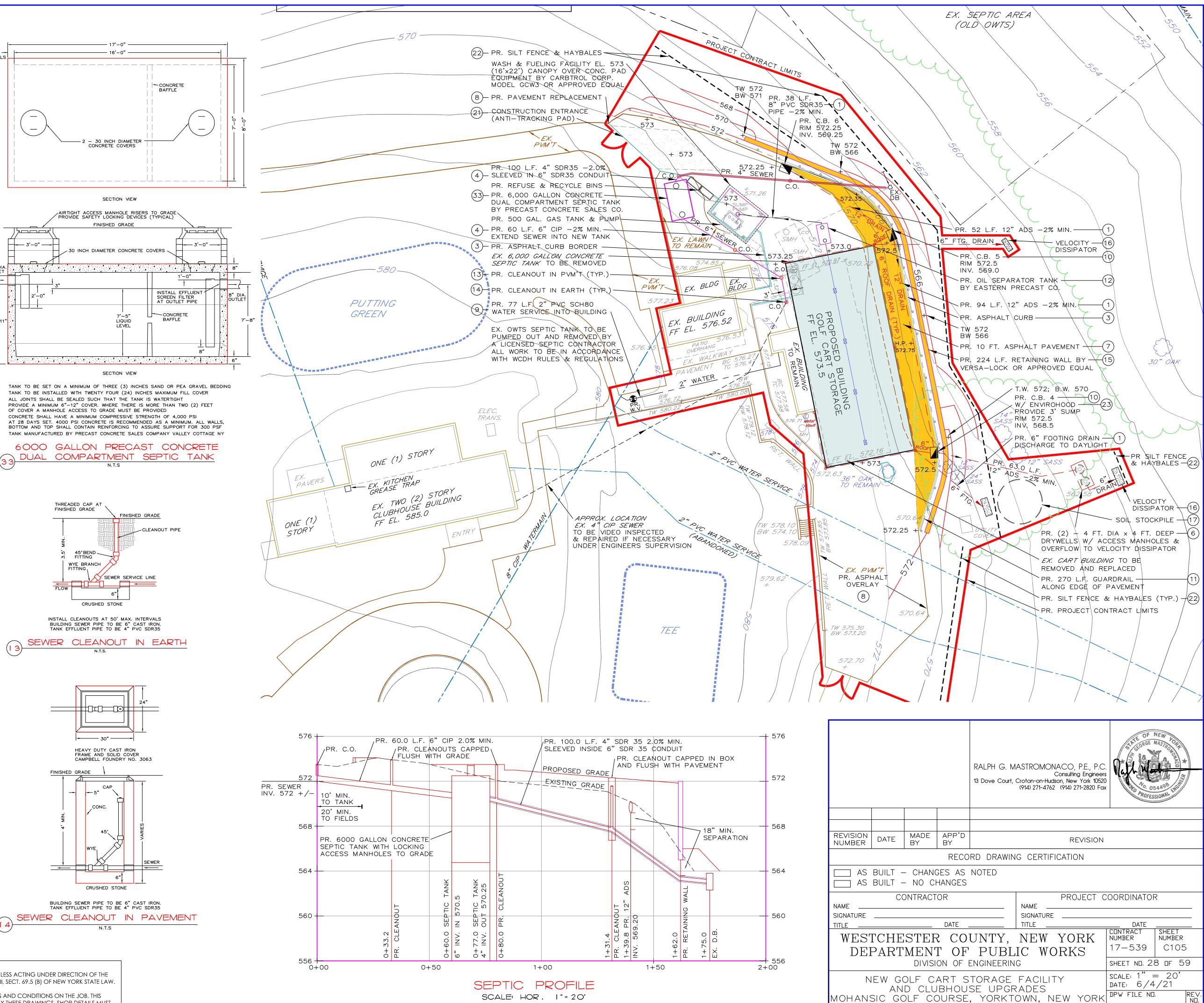
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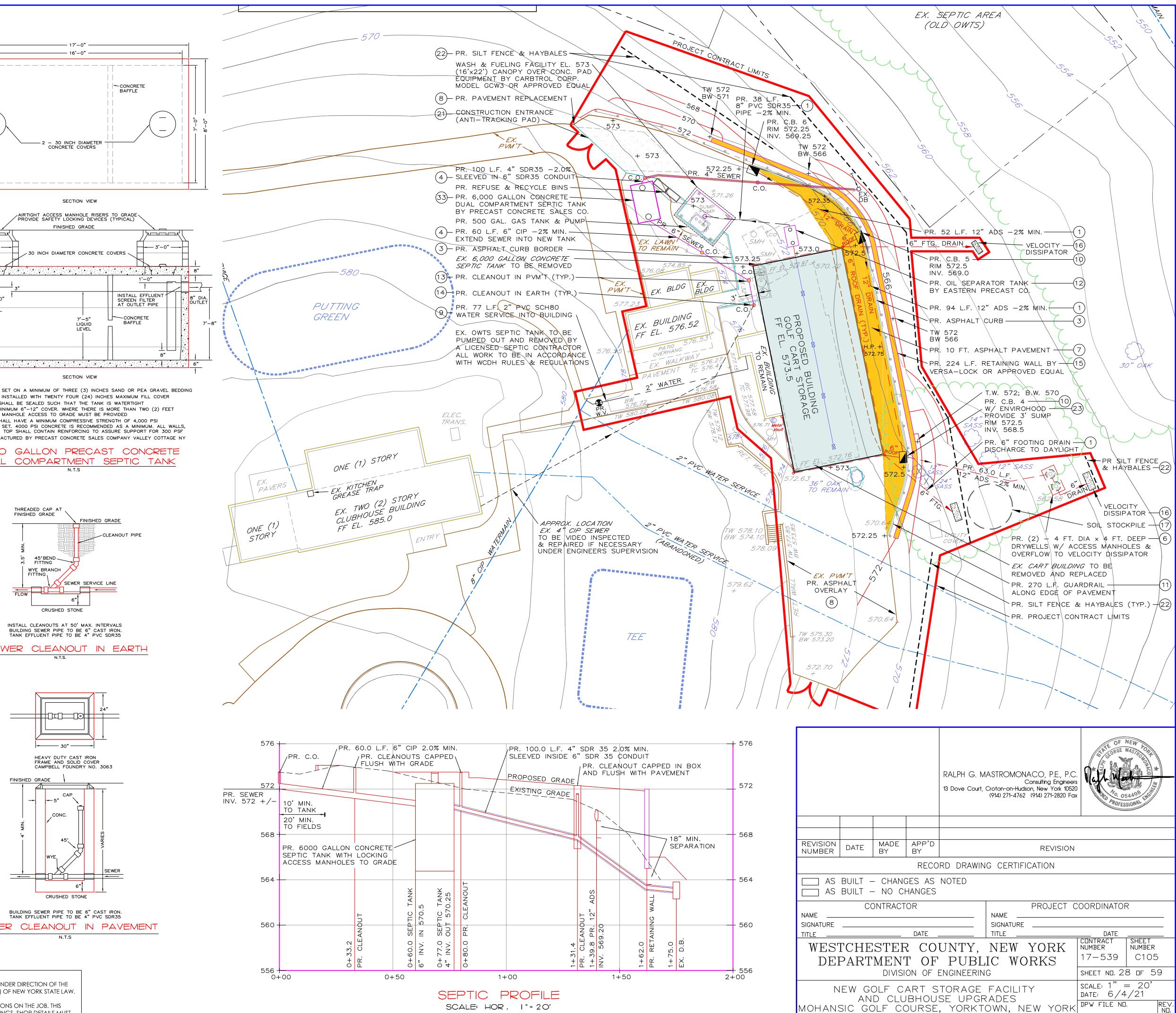


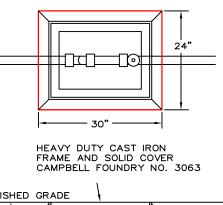
NYCDEP MUST BE CONTACTED TWO DAYS PRIOR TO START OF CONSTRUCTION OF OWTS SO THAT NYCDEP MAY INSPECT AND MONITOR THE INSTALLATION.

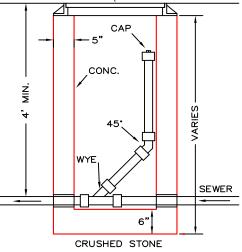
PROPERTY LIES WITHIN THE CROTON WATERSHED PROJECT START DATE: APRIL 1, 2021 PROJECT COMPLETION DATE: APRIL 1, 2022 TOTAL AMOUNT OF LAND DISTURBANCE IS 1,800 s.f. CERTAIN SURVEY & TOPOGRAPHICAL INFORMATION HAS BEEN PROVIDED BY WARD CARPENTER LAND SURVEYING











EGAL NOTICE: ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER DIRECTION OF THE LICENSED ENGINEER WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE VII, SECT. 69.5 (B) OF NEW YORK STATE LAW.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

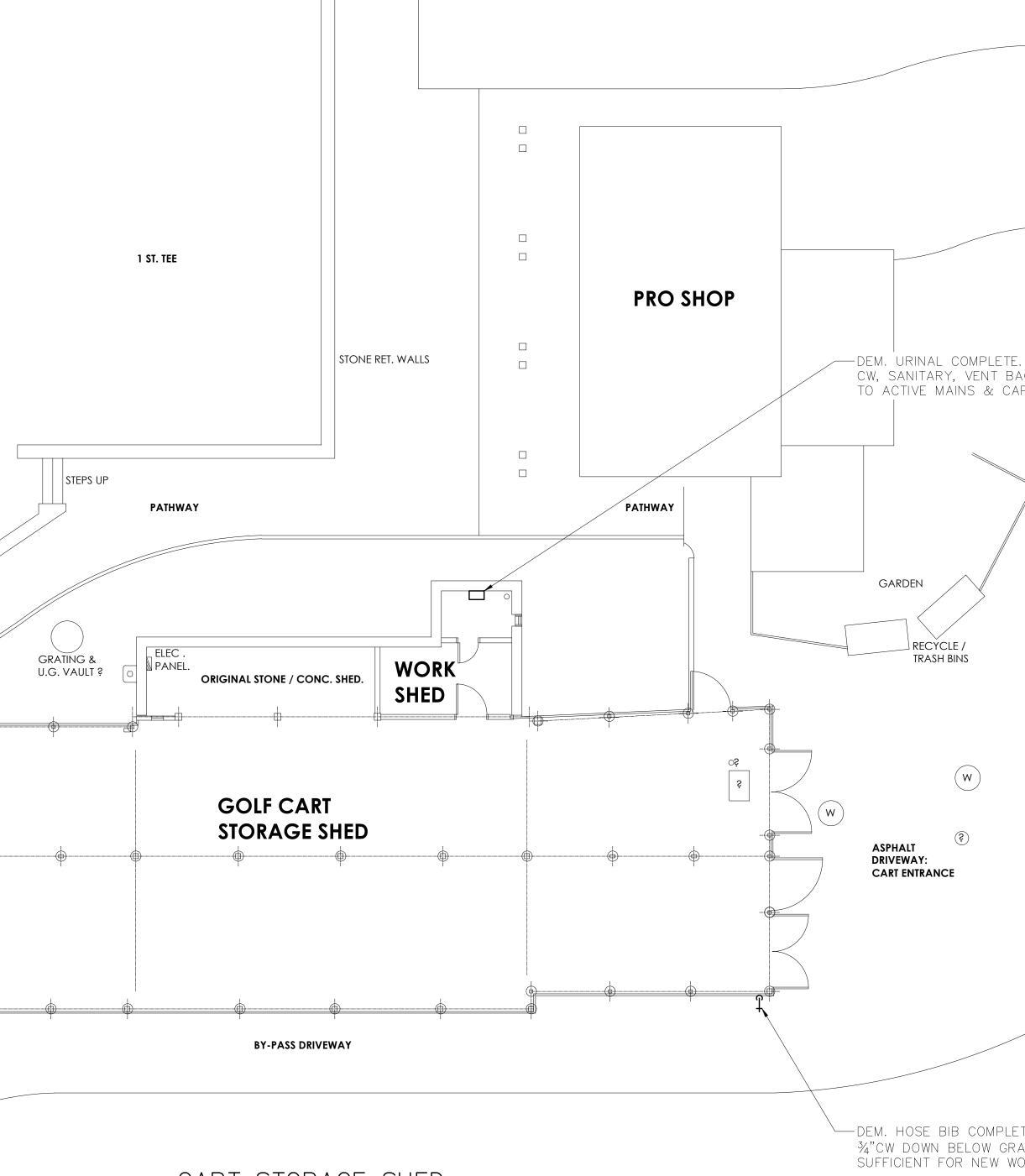
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REVIA	TIONS	GENERAL NOTES
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	PUMP THERMOMETER UNION EXISTING TO REMAIN	1.) DOMESTIC HOT WATER HEATER, HWH-1 SHALL BE ELECTRIC AO-SMITH X         DRE-52-6; PROVIDING 25 GPH RECOVERY AT 40°-140°, 6kW INPUT, 5         NOMINAL STORAGE CAPACITY, 55" HIGH, 27" DIAMETER, 260 POUND         WEIGHT. PROVIDE CONDENSATE NEUTRALIZATION SYSTEM & P-TRAF         DISCONNECT SWITCH FOR EACH HOT WATER HEATER TO BE INSTALLE
V W S LDR SD PD AENT IN SSIONAL LTERED, ND THE OF	VENT WASTE LINE SANITARY LEADER STORM DRAINAGE PUMP DISCHARGE	

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GEMENTS OF THE S ARE DEEMED TURES AND THE ENGINEER FOR PRIOR WRITTEN ARRANGEMENTS SERVICING, AND NECESSARY TO RA COST. WITH THE LATEST DING CODES. IN ERNING CODE OR ALL NECESSARY	GALLO SYSTI STAC CAP, LADD ANTI- 711VA SWIVE & AC TESTE LONG MP 4 COVE	ON DOUB EM. PROV K VENT, SPIN ON ER AND -SIPHON A PUMP EL, & BR CRYLIC P( ED, 2-H( 50S LEVI	LE-WAL /IDE STE 818 CLO FILTER PLATFOF VALVE, 1"ASSE EAKAWA DLYURET DUR FIRE EIGHT: 3 EL GAUO THE TA	L ABOVE EEL SUPP DCK GAU AND HO RM, 16" M SUCTION MBLY ME Y 18' X HANE CO TESTED 3,100 LBS ANK AND	GROUND FUE PORT SADDLE GE WITH FLC USING ASSEI MAN-WAY, E LINE FOOT- TER AND FIL 1" HOSE. TA DATING, UL20 0, IMPACT AN S. PROVIDE F ES. PROVIDE	E SHALL BE ENVIRO-S L TANK WITH INTEGRAL S, LIFTING LUGS, 6" EI DAT, 7.5 GALLON OVERS MBLY, INTERSTITIAL LEA RACKET, PIPING BALL VALVE 6" FROM BOTTO TER, 1" AUTOMATIC SH NK SHALL BE PROVIDE 085 LABELED AND LIST ND BALLISTIC TESTED. 6 NEUMERCATOR LS-60 COMPLETE FIRE SUPPF SYSTEM. COORDINATE	FUEL DISPENSING MERGENCY VENT, 2" SPILL WITH LOCKABLE AK GAUGE, STEP VALVE AND OM TANK, FILL-RITE HUT-OFF NOZZLE, D WITH EPOXY PRIMER ED, NFPA-30-30A SO" DIAMETER X 100" O LEVEL SWITCHES & RESSION SYSTEM FOR
CORDING TO THE FY THE EXACT RVICES IN FIELD, /INGS. SUREMENTS AND K OF ALL OTHER ING CONTRACTOR	DOUB PROV VENT, SPIN AND VALVI ASSE BREA ACRY TESTE LONG MP 4 COVE	LE-WALL IDE STEE ON FILTE PLATFOR E, SUCTIO MBLY ME KAWAY 1 LIC POLY ED, 2-HO ; DRY W 50S LEV	ABOVE L SUPPO OCK GAU M, 16" N TER AND TER AND 8' X 1" URETHA OUR FIRE EIGHT: J EL GAUC THE TA	GROUND ORT SAD JGE WITH HOUSING MAN-WA FOOT-V D FILTER, HOSE. T NE COAT E TESTED 3,100 LBS ANK AND	FUEL TANK DLES, LIFTING FLOAT, 7.5 ASSEMBLY, Y, BRACKET, ALVE 6"FRC , 1"AUTOMA ANK SHALL ING, UL2085 D, IMPACT AN S. PROVIDE F	BE ENVIRO-SAFE FIRE WITH INTEGRAL FUEL D G LUGS, 6" EMERGENC GALLON OVERSPILL W INTERSTITIAL LEAK GA PIPING BALL VALVE A OM BOTTOM TANK, FILL TIC SHUT-OFF NOZZLE BE PROVIDED WITH EPO LABELED AND LISTED, D BALLISTIC TESTED. O PNEUMERCATOR LS-60 COMPLETE FIRE SUPPF SYSTEM. COORDINATE	NISPENSING SYSTEM. Y VENT, 2" STACK ITH LOCKABLE CAP, UGE, STEP LADDER ND ANTI-SIPHON -RITE 711VA PUMP 1" , SWIVEL, & OXY PRIMER & NFPA-30-30A SO" DIAMETER X 100" O LEVEL SWITCHES & RESSION SYSTEM FOR
MAXIMUM SLOPE 1/4" PER FOOT 1/4" PER FOOT R METALS ARE OLD WATER, AND OLD WATER, AND ND DISINFECTED. ON ALL PARTS ES. FOR PIPES AND THE SLEEVE OR PIPING SHALL N PLAN. INSTALL DNNECTION PIPED CATION. EXISTING RISERS FE TO DIFFERENT SCHEDULE FOR QUIPMENT SHALL THE ELECTRICAL RNISHED BY THE JTY TYPE. ARY VENTILATION PERFORMED, AS	ABOV SUPP GAUG AND 16" M FOOT AND TANK UL203 AND PROV PROV DISPE 8.) <u>FUEL</u> DOUB SADD WITH HINGE FOOT PLATI ACRY TESTE LONG MP 4 COVE 9.) <u>TANK</u> SERIE SECO PROV THE 0	EGROUNE ORT SAD E WITH F HOUSING IAN-WAY -VALVE FILTER, 1 SHALL I 85 LABEI BALLISTIC IDE PNEL IDE COM IDE COM IDE COM IDE COM IDE STYLE VALVE ( FORM, & LIC POLY ED, 2-HC ; DRY WI 50S LEVI RAGE OF LEVEL M SASOLINE	D FUEL DLES, L DLES, L DLES, L DLES, L SCOTTON BE PROVE C FROM DE PROVE DE PROVE C TESTEL JMERCAT PLETE FI YSTEM. C TESTEL JMERCAT PLETE FI YSTEM. C TESTEL C TO THE TA DUR FIRE EIGHT: S DUR FIRE EIGHT: S C THE TA DUR FIRE EIGHT: S C THE TA DUR FIRE EIGHT: S C THE TA DUR FIRE EIGHT: S C THE TA DUR FIRE EIGHT: S C THE TA	TANK WIT IFTING LU 7.5 GALLO 7.5 GALLO 7.5 GALLO 7.5 GALLO 8LY, INTE (ET, PIPH 4 BOTTOM 10 LISTED, 0. 60" D 10 COTTON 10 COTTO	TH INTEGRAL JGS, 6" EME ON OVERSPIL ERSTITIAL LE, NG BALL VA A TANK, FILL AUT-OFF NO TH EPOXY PF NFPA-30-3 IAMETER X 1 500 LEVEL S PRESSION SY ATE WITH AF ALL BE ENVIF FUEL OIL ST MERGENCY VI ALL BE ENVIF FUEL OIL ST CON 1" RETUR I TANK SHALL TANK SHALL TANK SHALL GAUGING ST AK DETECTION TEM AT THE UEL OIL TAN	REGUARD 500 GALLON FUEL DISPENSING SYS RGENCY VENT, 2" STAC L WITH LOCKABLE CAP AK GAUGE, STEP LADD LVE AND ANTI-SIPHON RITE 711VA PUMP 1" ZZLE, SWIVEL, & BREAK RIMER & ACRYLIC POLY 30A TESTED, 2-HOUR 100" LONG; DRY WEIGH WITCHES & MP 450S L STEM FOR COVERAGE ( RCHITECTURAL STRUCTU RO-SAFE FIREGUARD 1 TORAGE TANK. PROVIDE ENT, 2" STACK VENT, 4 VERSPILL CONTAINER 17 RN LINE, 1.5" PICKUP W RSTITIAL LEAK GAUGE, BE PROVIDED WITH EF LABELED AND LISTED, ND BALLISTIC TESTED. S PNEUMERCATOR LS-60 COMPLETE FIRE SUPPF TH ARCHITECTURAL STR BE BASED ON PNEUME YSTEM WITH EPA COMP N; ELECTRICAL: 115/23 MAINTENANCE BUILDING IKS. PROVIDE (1) MONT PRING OF THE GASOLINE	TEM. PROVIDE STEEL CK VENT, 818 CLOCK C, SPIN ON FILTER ER AND PLATFORM, VALVE, SUCTION LINE ASSEMBLY METER (AWAY 18' X 1" HOSE. (URETHANE COATING, FIRE TESTED, IMPACT T: 3,100 LBS. EVEL GAUGE PROBES. OF THE TANK AND IRE ABOVE TANK. (000 GALLON STEEL SUPPORT 818 CLOCK GAUGE 79 SERIES WITH (ITH DROP TUBE AND STEP LADDER WITH POXY PRIMER & NFPA-30-30A 56" DIAMETER X 150" 0 LEVEL SWITCHES & RESSION SYSTEM FOR CUCTURE ABOVE TANK. (RCATOR TMS3000 LIANT IN TANK AND 30V/1/60. G FOR MONITORING OF TORING SYSTEM AT
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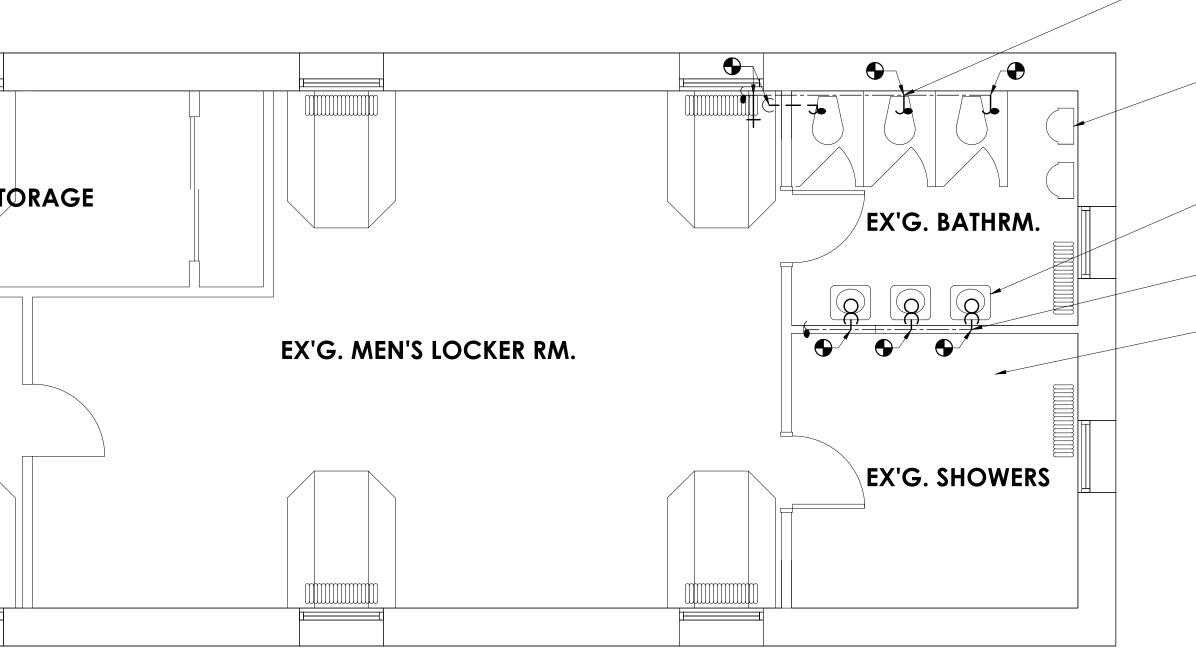
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CART STORAGE SHED <u>PLUMBING DEMOLITION PLAN</u> SCALE: 1/8" = 1'-0"



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ETE. DEM. ADE /ORK	OLA Consulting Engineers         50 Broadway, Hawthome,         New York 10532         914.747.2800         8 West 38th Street,         Suite 501         New York, NY 10018         646.849.4110         DBA0006.00
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	DIVISION OF ENGINEERING       SHEET NO. 30 OF 59         NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES       SCALE: 1/8" = 1'-0" DATE: 6/4/21         MOHANSIC GOLF COURSE, YORKYOWN, NEW YORK CART STORAGE SHED PLUMBING DEMOLITION PLAN       DPW FILE NO.
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# BATHROOMS & LOCKERS



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

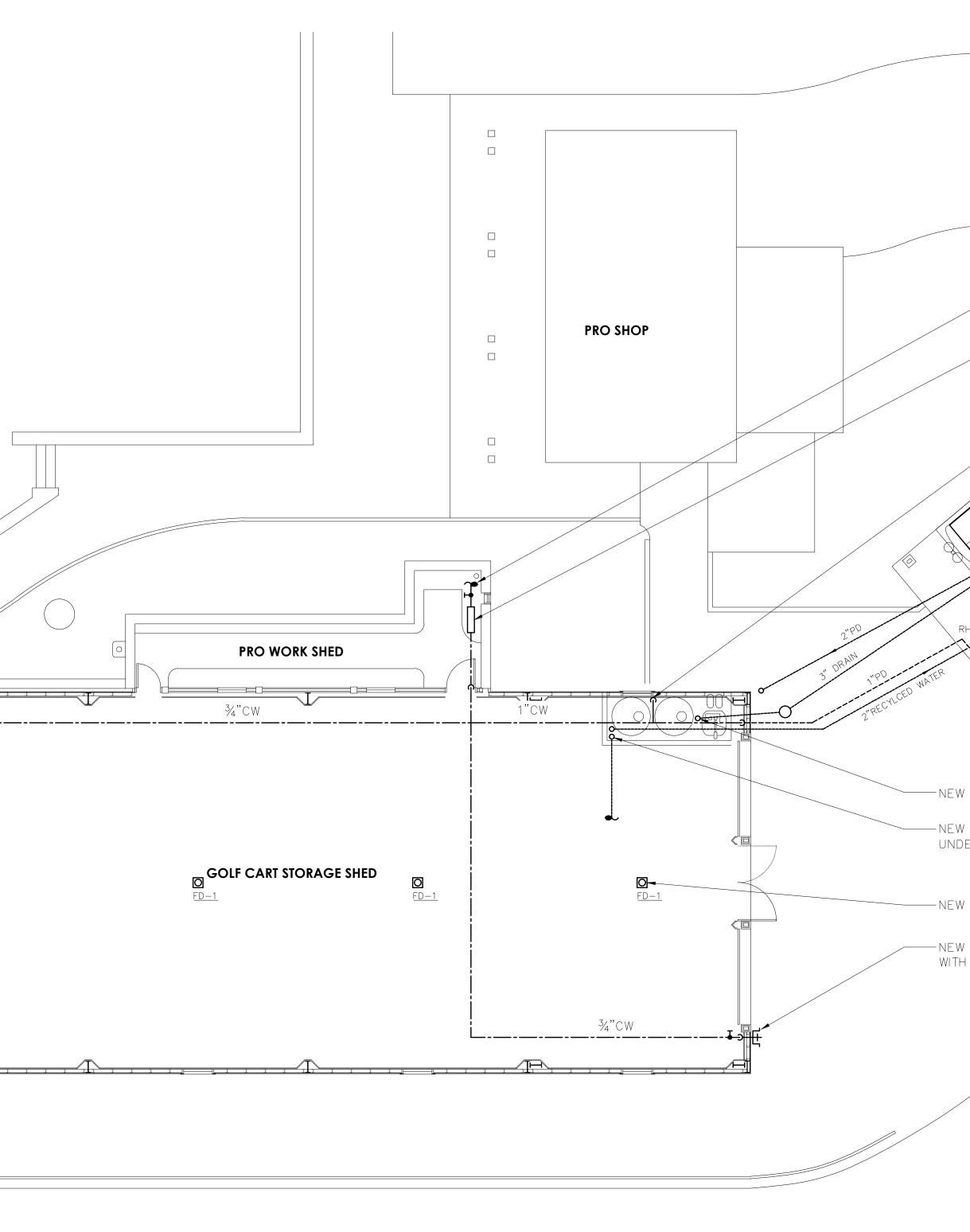
NOTES: 1. COORDINATE CUTTING & PATCHING OF FIRST FLOOR PRO SHOP CEILING FOR WORK ASSOCIATED WITH BATHROOM RENOVATIONS. EXAMPLE TO A COMPLETE AT KITCHEN, PROVIDE 3" WASTE SPOOL

2. DEM. GREASE INTERCEPTOR (G.I.) COMPLETE AT KITCHEN. PROVIDE 3" WASTE SPOOL PIECE TO CONNECT INLET & OUTLET PIPING AT REMOVED G.I. INSPECT, SCOPE, CLEAN, JET-WASH, ETC. EX. 3"W LINE FROM KITCHEN. PROVIDE RESULTS TO OWNER/ENGINEER FOR REVIEW & RECORD.



-DEM. TOILET COMPLETE. DEM. CW, SANITARY, & VENT PIPING BACK BEHIND WALL & CAP. TYPICAL FOR (3)
-DEM. URINAL COMPLETE. DEM. CW, SANITARY, & VENT PIPING BACK BEHIND WALL & CAP. TYPICAL FOR (2)
-DEM. SINK COMPLETE. DEM. CW, HW, W, & V PIPING BACK BEHIND WALL AND CAP. TYPICAL FOR (3)
-DEM. ¾"CW BACK BEHIND WALL & CAP. DEM. INSTA-HOT HWH COMPLETE
-DEM. SHOWER HEADS & ASSOCIATED PIPING COMPLETE. DEM. CW, HW, WASTE & VENT PIPING BACK TO FLOOR BELOW, CAP, & ABANDON

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### CART STORAGE SHED 1 PLUMBING NEW WORK PLAN SCALE: 1/8" = 1'-0"

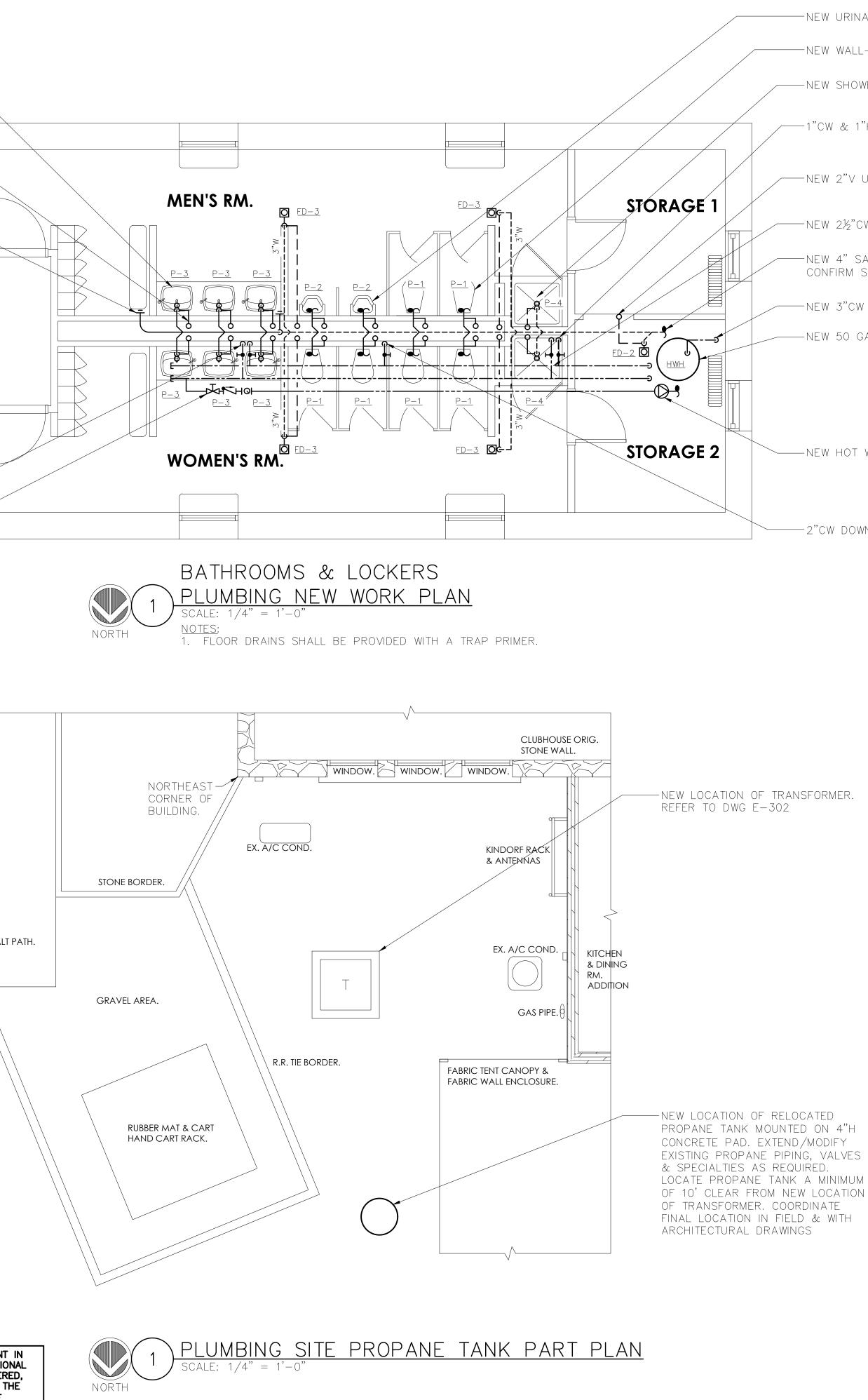
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<u>NOTES</u>:
 ALL DOMESTIC WATER PIPING WITHIN CART STORAGE SHALL BE HEAT TRACED TO AVOID FREEZING DURING WINTER M
 PROVIDE VALVED & CAPPED CONNECTIONS AT LOW POINTS FOR WINTER DRAIN DOWN OF THE DOMESTIC WATER SYS
 REFER TO CARBTROL WASH RECYCLE EQUIPMENT DRAWING EQ-101 FOR UNDERGROUND PIPING REQUIREMENTS RELATIONSH STATIONS. FINAL LAYOUT & POINTS OF CONNECTION. COORDINATE SIZE, LOCATION, & MATERIALS WITH CARBT



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			_ TAN	k & DISF		-ground gasoline s <sup>-</sup> tem. provide 4" high /		
		<u>}</u>			MP BY OTHEI			
					/	NT (PH). TYPICAL DRANT (RH). TYPICAL		
RH T PH WASH STATIO	& FUEL N				/			
/ 3" PAD DRAIN / 2"x16" STANDPI	PF UP FRO	м /						
ERGROUND. TYPI		/						
/ FLOOR DRAIN. T	TYPICAL							
/ NON-FREEZE HU H SHUT-OFF VAL								
						OLA Consulting Engineers 50 Broadway, Hawthome, New York 10532 914.747.2800 8 West 38th Street, Suite 501 New York, NY 10018	CENTE OF NEW	ALSIN ALSING
					CONSULTING ENGINEERS DBA0006.00	646.849.4110 olace.com	PO DTT23T	WALL
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		BUILT - BUILT -		GES AS HANGES	NOTED			
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ATED TO 3TROL.	WES'	ГСНЕ PART	MEN	Γ ΟΓ	PUBL	mle NEW YORK IC WORKS	17 - 539 P	- <b>201</b>
	монал	AN ISIC G	GOLF C	CART S JBHOU OURSE	ISE UPGR . YORKYC	FACILITY ADES DWN, NEW YORK	SHEET NO. 32 OI SCALE: 1/8" = 1'-0 DATE: 6/4/21 DPW FILE NO.	D" REV. NO.
	C	aki 210	KAGE 3	TEU PLUI		WORK PLAN	10-02-P-65-0	0

	NEW 2"V UP WITHIN CHASE. OFFSET Combine with 2"V from other fix Route up to new 4"vtr. typical-	TURES.	
	NEW WALL CLEANOUT		
	1"CW & 1"HW DOWN TO SERVE LAV		



-NEW URINAL <u>P-2</u>. provide 3"s, 2"v &  $\frac{1}{2}$ "cw. typical — NEW WALL—HUNG TOILET <u>P—1</u>. PROVIDE 4"S, 2"V & 1½"CW. TYPICAL

 $\longrightarrow$  NEW SHOWER <u>P-4</u>. PROVIDE 3"W, 2"V & 1"CW. TYPICAL

/----1"CW & 1"HW DOWN TO SERVE SHOWERS

NEW 2"V UP. TYPICAL

-----NEW 2½"CW, 2"HW &  $\frac{3}{4}$ "HWC MAINS ABOVE CEILING WITHIN SOFFIT

— NEW 50 GALLON, 6KW ELECTRIC DOMESTIC HW HEATER <u>HWH-2</u>

NEW HOT WATER RE-CIRCULATION PUMP <u>HWC-1</u>

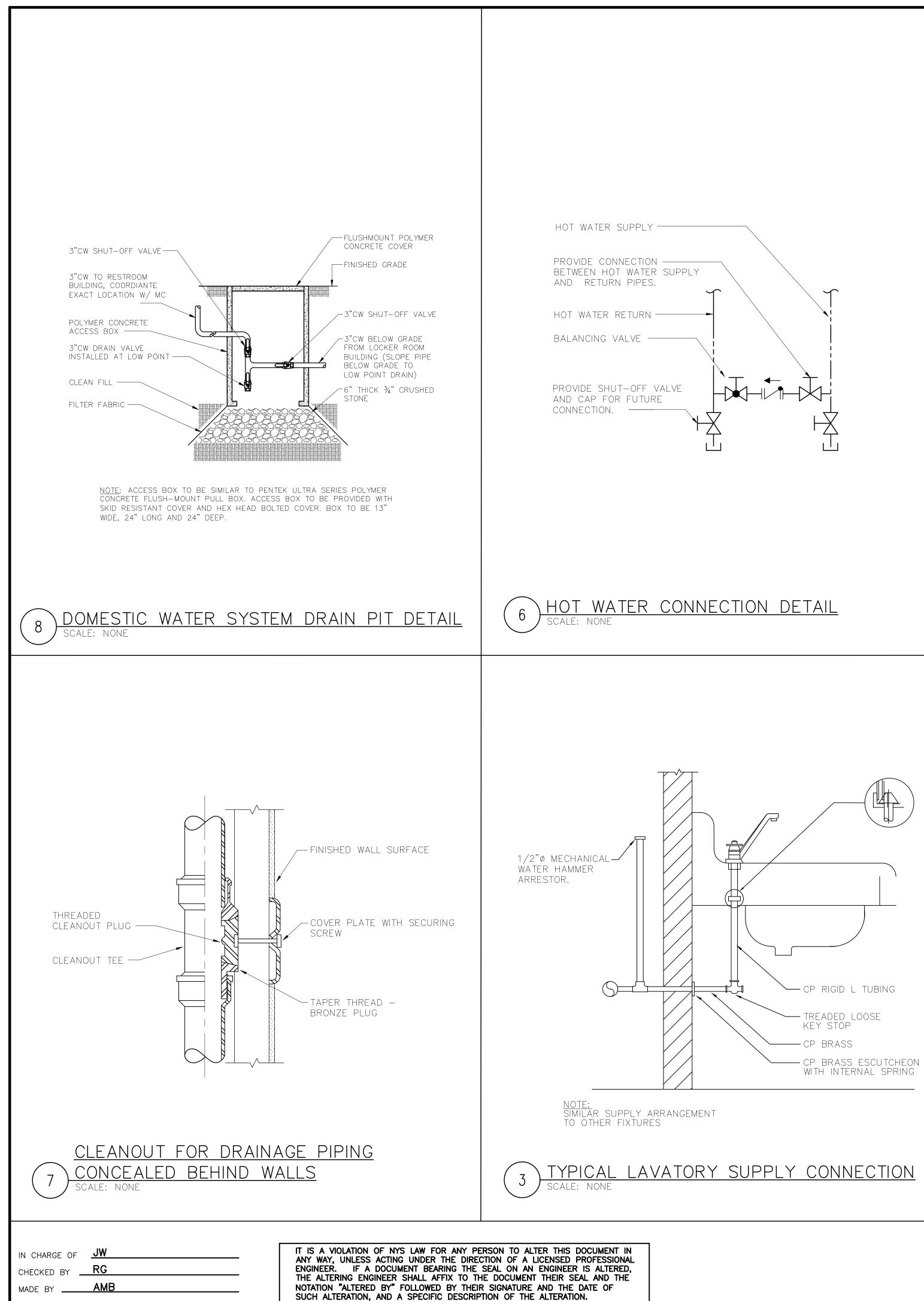
-2"CW DOWN TO SERVE URINALS & TOILETS

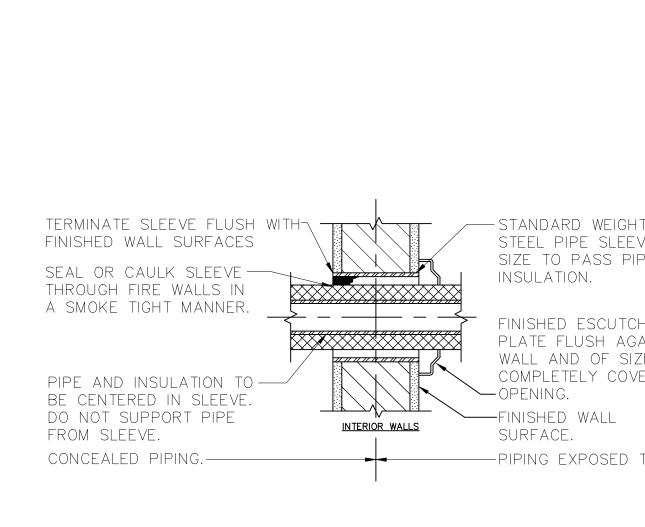
					50 Broadwa New York 1 914.747.280 8 West 38 Suite 501 New York, 646.849.411 olace.com	0 hth Street, NY 10018	THE OF	NEW LOOT	VGINAR + YO
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		DIVISI	ON OF I	ENGINEERIN	G		SHEET NO. 3	3 OF 5	59
	AN	D CLU	IBHOU	STORAGE	RADES		SCALE: 1/4" DATE: 6/4/2	21	
MOHAN BATHRC	ISIC G OMS 8	OLF C( & LOCK	OURSÉ (ERS PL	, YORKYC UMBING	DWN, N NEW WC	EW YORK DRK PLAN	DPW FILE NO. 10-02-P-		REV. NO. O

		TAG	SYM	BOLS
			PLAN	ELEVATION
		P-1		
		P-2		
		P-3		
		P-4		~
		NFHB	ц.	ـــــــــــــــــــــــــــــــــــــ
		FD-1	$\bigcirc$	
		FD-2	$\bigcirc$	~7
		FD-3	$\bigcirc$	
		NOTES: 1.) REFER	to archite	CTURAL DR
IN CHARGE OF JW CHECKED BY RG	IT IS A VIOLATION OF NYS LAW FOR AN ANY WAY, UNLESS ACTING UNDER THE ENGINEER. IF A DOCUMENT BEARING	DIRECTION OF THE SEAL ON	' A LICENSED I AN ENGINEE	PROFESSION/ R IS ALTEREE
CHECKED BY <b>RG</b> MADE BY <b>AMB</b>	ENGINEER. IF A DOCUMENT BEARING THE ALTERING ENGINEER SHALL AFFIX T NOTATION "ALTERED BY" FOLLOWED BY SUCH ALTERATION, AND A SPECIFIC DES	TO THE DOCUL THEIR SIGNAT	MENT THEIR S URE AND THE	EAL AND THE

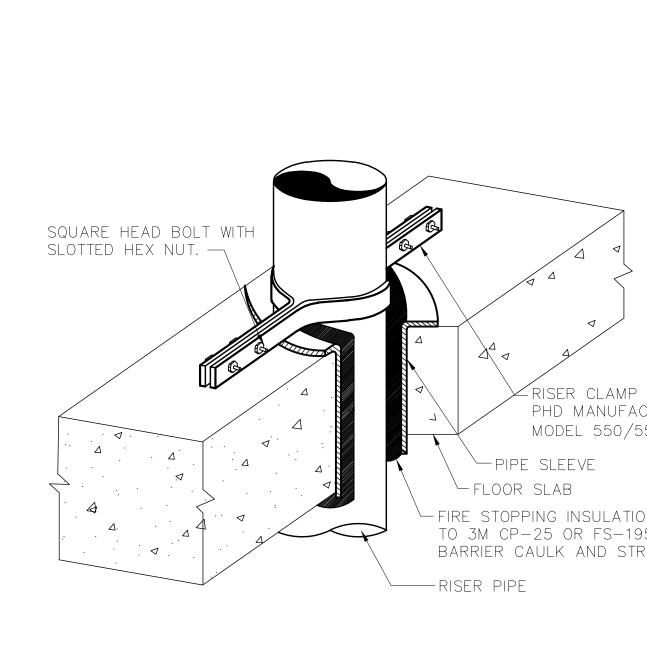
		F	PLUMBI	NG FIX	TURE S	SCHEDULE	
	PLUMBING CONNECTIONS DESCRIPTION				5	DESCRIPTION	
ATION	FIXTURES	WASTE	VENT	COLD WATER	HOT WATER		
$\supset$	WATER CLOSET WALL HUNG	4"	2"	11/4"	_	TOILET; MAKE: AMERICAN STANDARD MODEL: 3351.101AF WALL MILLENIUM FLOWISE 1.28 GPF FLUSHOMETER TOILET SYSTEM 1.28 GPF WALL-MOUNT ELONGATED FLUSHOMETER VALVE TOILET, ADA COMPLIANT, 1½" INLET SPUD, FULLY GLAZED 2½" TRAPWAY. AMERICAN STANDARD FLUSHOMETER SELECTRONIC FLOWISE MODEL 6065.122 1.28 GALLONS PER FLUSH, ELECTRONIC FLUSH VALVE, HARD-WIRED, FULLY MECHANICAL MANUAL OVERRIDE BUTTON, AUTOMATIC FLUSH AFTER 24 HOURS OF NON-USE, 3-SECOND FLUSH DELAY, 1" IPS SCREWDRIVER BAK-CHECK ANGLE STOP, VANDAL RESISTANT STOP CAP, ADJUSTABLE TAILPIECE, INTEGRAL VACUUM BREAKER AND 1½" SPUD COUPLING	
	URINAL	2"	2"	1"		<ul> <li>PROVIDE WALL CARRIER SIMILAR TO WATTS ISCA-101-R &amp; ISCA-131 FOR BACK TO BACK INSTALLATION &amp; ROUTING OF WASTE HORIZONTAL WITHIN CHASE.</li> <li>URINAL; MAKE: AMERICAN STANDARD MODEL: DECORUM FLOWISE 0.5 GPF HIGH EFFICIENCY URINAL</li> <li>0.5 GPF VITREOUS CHINA URINAL, ADA COMPLIANT, ¾" INLET SPUD, OUTLET CONNECTION THREADED 2" INSIDE, PROVIDE WALL CARRIER.</li> <li>AMERICAN STANDARD FLUSHOMETER SELECTRONIC FLOWISE MODEL 6062.002</li> <li>0.125 GALLONS PER FLUSH, ELECTRONIC FLUSH VALVE, HARD-WIRED, FULLY MECHANICAL MANUAL OVERRIDE BUTTON, AUTOMATIC FLUSH AFTER 24 HOURS OF NON-USE, 3-SECOND FLUSH DELAY, 1" IPS SCREWDRIVER BAK-CHECK ANGLE STOP, VANDAL RESISTANT STOP CAP, ADJUSTABLE TAILPIECE, INTEGRAL VACUUM BREAKER AND 1½" SPUD COUPLING. SEE ARCHITECTS DRAWINGS FOR MOUNTING HEIGHTS.</li> <li>LAVATORY; MAKE: KOHLER MODEL: K-2189-1</li> </ul>	
	COUNTERTOP LAVATORY	2"	2"	1/2"	1/2"	LADENA 20%"x14%"x8%" DROP-IN MOUNT BATHROOM SINK, RECTANGULAR BASIN WITH CURVED BOTTOM, NO FAUCET HOLES; REQUIRES WALL OR COUNTER MOUNT FAUCET. FAUCET; MAKE: AMERICAN STANDARD MODEL: 2064.195 SENSOR OPERATED PROXIMITY LAVATORY FAUCET, HARD-WIRED AC, 0.5 GPM PCA, VR MULTI-LAMINAR SPRAY. PROVIDE THERMOSTATIC MIXING VALVE 605XTMV10701.	
	SHOWER	2"	1-1/2"	1/2"	1/2"	SHOWER; MAKE: AMERICAN STANDARD MODEL: T675.507.002 COLONY SOFT COLLECTION COLONY SOFT FLOWISE SHOWER TRIM KIT. POLISHED CHROME FINISH, METAL LEVER HANDLES, 1.5 GPM MAX FLOW. SHOWER PAN; MAKE: ZORO MODEL: G 2245680, 36"x36" TERRAZZO SHOWER PAN FOR TILED WALL APPLICATION.	
1	HOSE BIB	_		_	_	IN UNFINISHED SPACES, WASHDOWN FAUCET SHALL BE POLISHED CHROME-PLATED WALL FAUCET WITH $\frac{1}{2}$ " MALE INLET AND $\frac{3}{4}$ " HOSE THREAD OUTLET: CHICAGO #5 WITH #E27 VACUUM BREAKER OR ACCEPTABLE EQUIVALENT.	
7	FLOOR DRAIN	3"	2"	_	_	FOR TRAFFIC AREA OF GOLF CART STORAGE & MAINT. GARAGE: WADE #W—1210—27 WITH CAST IRON BODY, CAST IRON DRAINAGE FLANGE, SEDIMENT BUCKET, FLASHING COLLAR, 12" ROUND HEAVY DUTY CAST IRON GRATE. PROVIDE PROSET TRAP GUARD.	
7	FLOOR DRAIN	3"	2"	_	_	FOR MECHANICAL AREA: WADE #W-1100-STD5-1-27 WITH 5" ROUND ADJUSTABLE NICKEL-BRASS STRAINER, CAST IRON BODY, CAST IRON DRAINAGE FLANGE, FLASHING CLAMP, AND SEDIMENT BUCKET. PROVIDE PROSET TRAP GUARD.	
7	FLOOR DRAIN	3"	2"	_	_	FOR BATHROOMS: WADE #W-1100-STD5-1-27 WITH 5" ROUND ADJUSTABLE NICKEL-BRASS STAINER, CAST IRON BODY, CAST IRON DRAINAGE FLANGE, FLASHING CLAMP, AND SEDIMENT BUCKET.	
							OLA Consulting Engineers         50 Broadway, Hawthome,         S0 Broadway, Hawthome,         New York 10532         914.747.2800         8 West 38th Street,         SUBMENTERS         DBA0006.00
							REVISION NUMBER     DATE     MADE BY     APP'D BY     REVISION
							RECORD DRAWING CERTIFICATION
							AS BUILT - NO CHANGES  CONTRACTOR NAME SIGNATURE TITLE DATE DATE WESTCHESTER COUNTY, NEW YORK
ENT IN SIONAL TERED, O THE OF							DEPARTMENT OF PUBLIC WORKS       17 - 339       P-         DIVISION OF ENGINEERING       SHEET NO. 34 OF         NEW GOLF CART STORAGE FACILITY       SCALE: NONE         AND CLUBHOUSE UPGRADES       DPW FILE NO.         MOHANSIC GOLF COURSE, YORKYOWN, NEW YORK       DPW FILE NO.         PLUMBING SCHEDULES       10-02-P-67-0





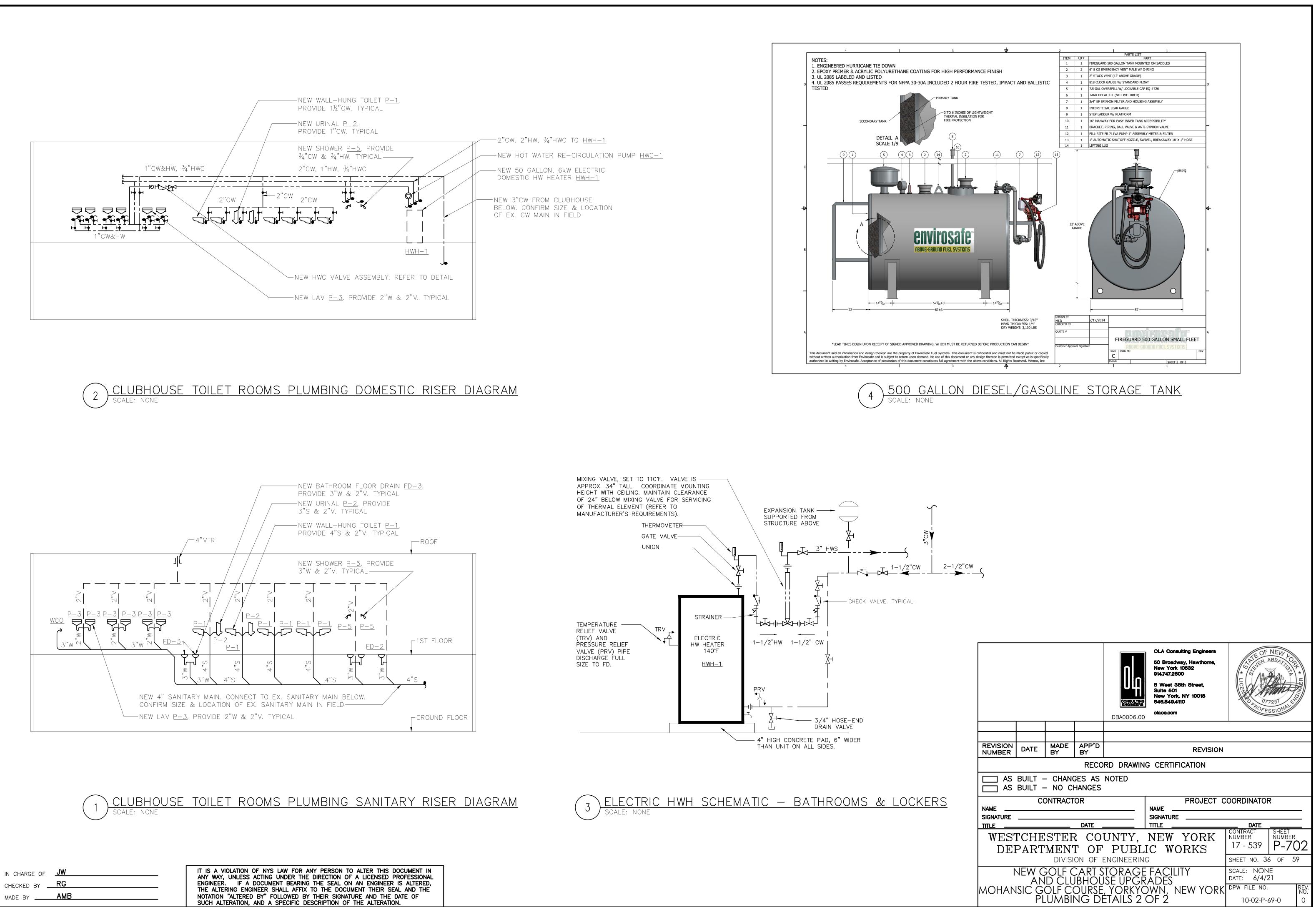


) PIPE WALL SLEEVE DETAIL scale: none



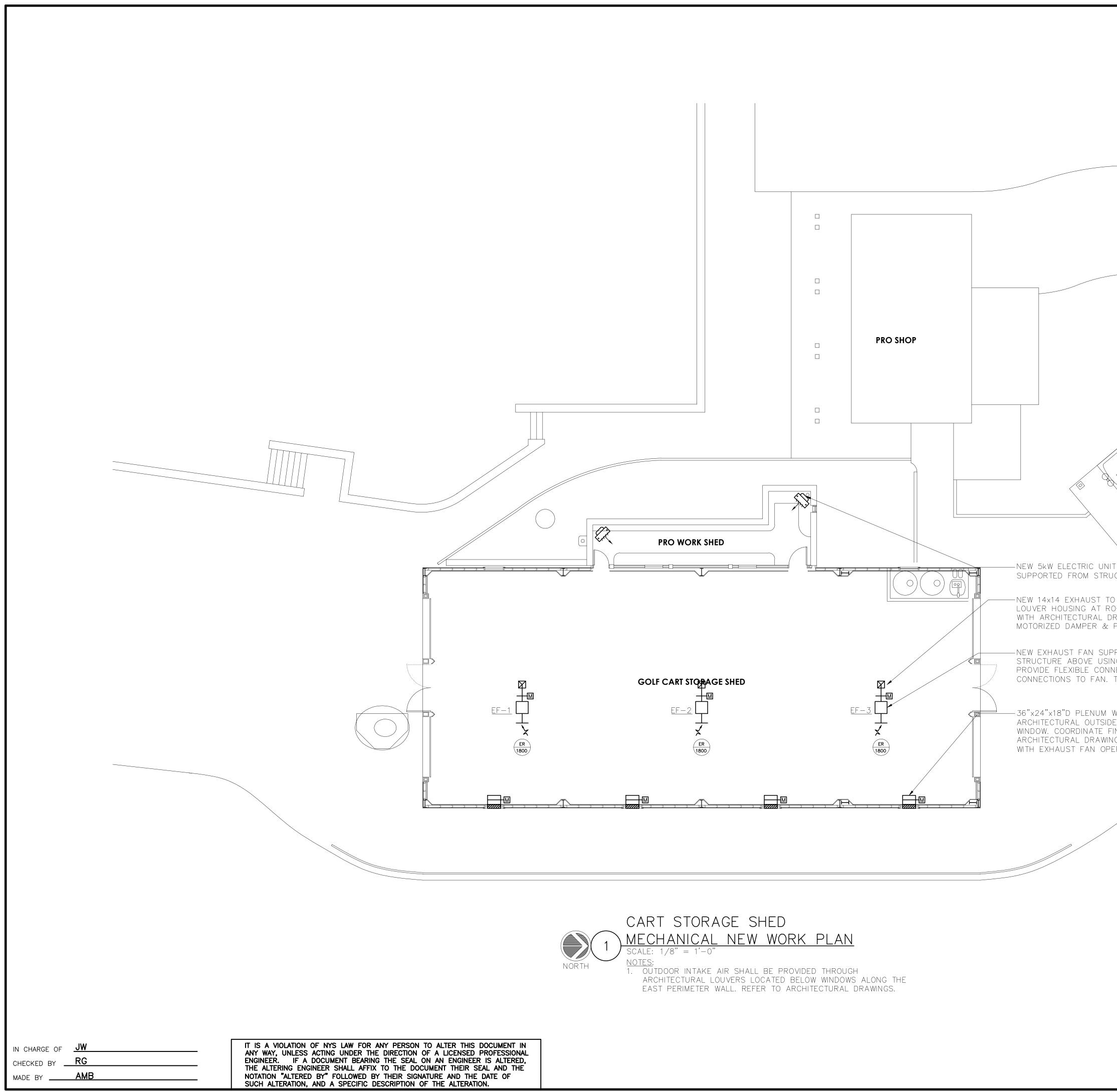
VERTICAL PIPE SUPPORT DETAIL SCALE: NONE

	CONCRETE ANCHOR HILTI-KWICK
	BOLT, SERIES HDI, OR APPROVED EQUAL. INSTALLATION SHALL BE IN
	ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.
	BEAM CLAMP AS MANUFACTURED BY UNISTRUT.
	STEEL RESTRAINING
	STRAP. THREADED HANGER ROD. REFER
	TO SCHEDULE BELOW FOR SIZE.
	CLEVIS HANGER TYPICAL
	CARRIER PIPE
	I INSULATION SHALL RUN CONTINUOUSLY BETWEEN
	T PIPE AND SHIELD.
	PIPE- INSULATION.
	WELDED PIPE INSULATION
SIMILAR TO CTURING INC.	
51 AND 553	
	PIPE HANGER SCHEDULE
	PIPE DIA.       3/4"-2"       2       1/2"-3"       4"-5"       6"       8"-12"         HANGER DIA.       3/8"       1/2"       5/8"       3/4"       7/8"
DN SIMILAR 15 FIRE	<u>NOTES:</u>
RIPS.	1. CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH
	FIG. 100SH ON ALL PIPES LARGER THAN 1". 2. FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD
	MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
	<ul><li>3. FOR NONINSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.</li><li>4. ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY</li></ul>
	PAINTED BLACK WITH ENAMEL.
	5. FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND
	HANGERS.
	$ \longrightarrow ADOVECDOUND DIDE HANCED DETAIL$
	(2) ABOVEGROUND PIPE HANGER DETAIL Scale: NONE
Т	
VE OF PE AND	
PE AND	OLA Consulting Engineers     OF NEW       50 Broadway, Hawthome,     Image: Consulting Engineers
	New York 10532 914.747.2800
HEON AINST	8 West 38th Street,
ZE TO ER	Suite 501         New York, NY 10018         77231           CONSULTING         646,849,4110         077231         5
	olace.com
	DBA0006.00
TO VIEW.	REVISION DATE MADE APP'D
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	CONTRACTOR     PROJECT COORDINATOR       NAME     NAME
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	WESTCHESTER COUNTY NEW YORK NUMBER NUMBER
	DEPARTMENT OF PUBLIC WORKS 17-539 P-701
	DIVISION OF ENGINEERING SHEET NO. 35 OF 59
	NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES SCALE: NONE DATE: 6/4/21
	AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE, YORKYOWN, NEW YORK PLUMBING DETAILS 1 OF 2 10-02-P-68-0 0
	PLUMBING DÉTAILS 1 OF 2 10-02-P-68-0 0



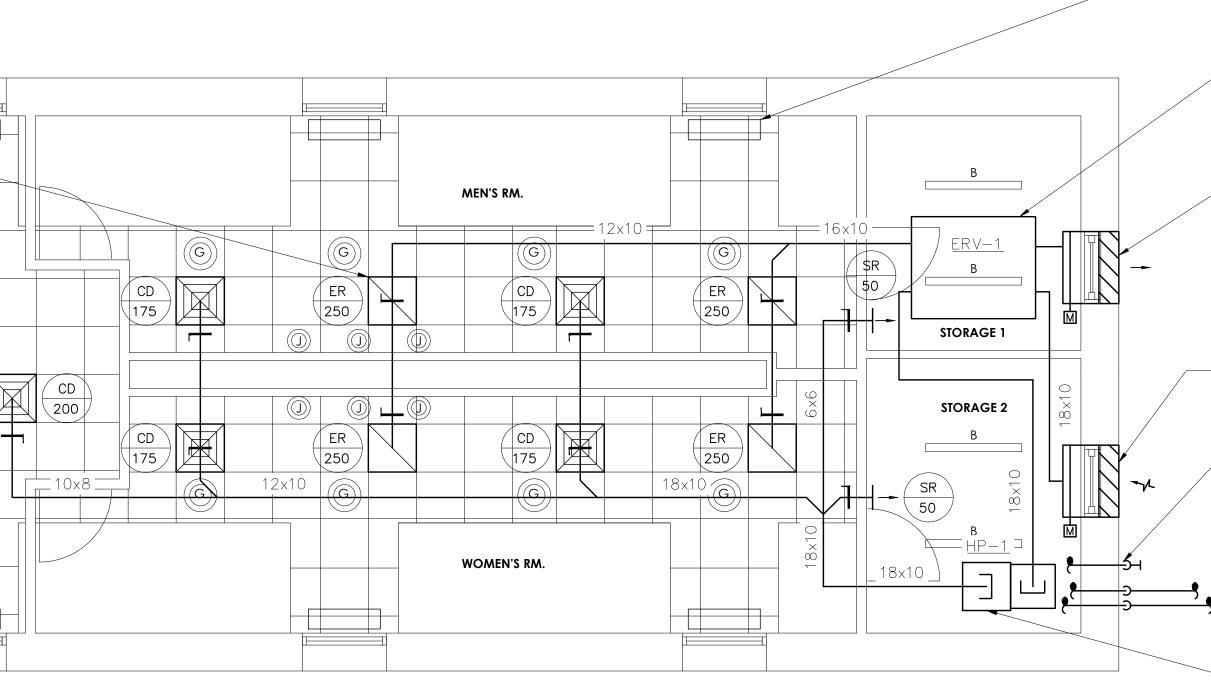
SYMBOL & A		IATIONS				SEQUENCE OF OPERATION	
SYMBOL	ABBREVIATIO	DESCRIPTION		CD	3-WAY	<u>HP_UNITS</u> ( <u>HP-1</u> )	
_	AC-	AIR CONDITIONING UNIT		CD	4-WAY		
_	AD	ACCESS DOOR		RR/RG/ER	RETURN REGISTER/GRILLE/EXHAUST REGISTER	PROVIDE A NEW TEMPERATURE CONTROL PANEL WITH 7-DAY PROGRAMMABLE THERMOSTAT WITH AUTO CHANGE-OVER, SET-BACK, HEAT-OFF-COOL AND	
_	AFF	ABOVE FINISHED FLOOR		_	SUPPLY DUCT UP	ON-AUTO FAN SWITCH. HEATING AND COOLING SHALL BE ENABLED AND DISABLED THROUGH THIS THERMOSTAT.	
_	АНС	ABOVE HUNG CEILING		_	SUPPLY DUCT DOWN	UNIT OFF: THE OUTSIDE AIR INTAKE AND EXHAUST AIR DAMPERS SHALL BE	
_	AP	ACCESS PANEL		_	RETURN DUCT UP	CLOSED, AND THE RETURN AIR DAMPER SHALL BE FULL OPEN.	
	BHP	BRAKE HORSEPOWER			RETURN DUCT DOWN	FAN OPERATION: THE UNIT SHALL START AND STOP AT PRE-SET TIMES AS	
_	BTU	BRITISH THERMAL UNIT			TRANSITION FROM SQUARE TO	PROGRAMMED THROUGH THE PROGRAMMABLE THERMOSTAT. UPON STARTUP, THE SUPPLY FAN START AND RAMP UP TO THE PROGRAMMED SPEED. THE	
	CFM	CUBIC FEET PER MINUTE			ROUND DUCT TRANSITION	OUTDOOR AIR DAMPER AND THE EXHAUST AIR DAMPERS SHALL OPEN AND THE RETURN AIR DAMPER SHALL CLOSE TO THE MINIMUM OUTDOOR AIR	
	COD	CABLE OPERATED DAMPER			DUCT DROP	POSITION. UPON FAN SHUT DOWN THE OUTDOOR AIR DAMPER AND EXHAUST DAMPERS SHALL FULLY CLOSE AND THE RETURN AIR DAMPER SHALL FULLY	
_	DB	DRY BULB TEMPERATURE			DUCT RISE	OPEN.	
		DIAMETER			SQUARE VANED ELBOW	COOLING OPERATION: UNIT SUPPLY FAN SHALL RUN CONTINUOUSLY AND THE	
	DIA. OK Ø	DIAMETER DIRECT EXPANSION			DUCT RISE	CONTROL CIRCUITS ENERGIZED DURING THE PROGRAMMED OCCUPIED PERIODS. THE OUTSIDE AIR INTAKE DAMPER SHALL BE OPEN AND SUPPLY AIR FAN ON.	
_			]		DUCT DROP	DX COOLING SHALL CYCLE TO MAINTAIN SPACE TEMPERATURE SET-POINT AT 75°F (ADJUSTABLE).	
_	EA	EXHAUST AIR					
_	EAT	ENTERING AIR TEMPERATURE		_	DUCT TRANSITION	HEATING OPERATION: UNIT SUPPLY FAN SHALL RUN CONTINUOUSLY DURING THE PROGRAMMED OCCUPIED PERIODS. THE OUTSIDE AIR INTAKE DAMPER	
_	ER	EXHAUST REGISTER	· · · · · · · · · · · · · · · · · · ·		ALUMINUM DUCT	SHALL BE OPEN AND SUPPLY AIR FAN ON. DX HEATING SHALL CYCLE TO MAINTAIN SPACE TEMPERATURE SET-POINT AT 68°F (ADJUSTABLE).	
_	ESP	EXTERNAL STATIC PRESSURE		AL	ACOUSTIC LINING		
_	EWT	ENTERING WATER TEMPERATURE		,	FIRE DAMPER W/ ACCESS DOOR	MORNING WARM-UP OPERATION: UNIT SHALL START AND OPERATE FOR A PREDETERMINED PERIOD AS PROGRAMMED INTO THE UNITARY CONTROLS.	
_	FCU	FAN COIL UNIT		SD/AD	SMOKE DAMPER W/ ACCESS DOOR	DURING THIS CYCLE; OUTSIDE, INTAKE, AND EXHAUST AIR DAMPERS SHALL REMAIN CLOSED, AND RETURN AIR DAMPER SHALL REMAIN OPEN. THE	
_	FPM	FEET PER MINUTE		CFSD	COMBINATION FIRE/SMOKE DAMPER W/ ACCESS DOOR	COMPRESSOR SHALL ENERGIZE TO MAINTAIN DISCHARGE AIR TEMPERATURE SET POINT. WHEN THE ZONE TEMPERATURE COMES TO WITHIN 2°F (ADJUSTABLE)	
_	FPS	FEET PER SECOND		VD	VOLUME DAMPER	OF SET POINT, THE UNIT SHALL OPERATE IN OCCUPIED MODE.	
_	GPM	GALLONS PER MINUTE		AL	ACOUSTIC LINING	MORNING COOL-DOWN OPERATION: UNIT SHALL START AND OPERATE FOR A PREDETERMINED PERIOD AS PROGRAMMED INTO THE UNITARY CONTROLS.	
_	HP	HORSE POWER	<u>&gt; 6x8</u>	_	DUCT SIZE – 1ST FIGURE IS SIDE SHOWN	DURING THIS CYCLE; OUTSIDE, INTAKE, AND EXHAUST AIR DAMPERS SHALL REMAIN CLOSED, AND RETURN AIR DAMPER SHALL REMAIN OPEN. THE	
_	LAT	LEAVING AIR TEMPERATURE		FC	FLEXIBLE CONNECTION	COMPRESSOR SHALL ENERGIZE TO MAINTAIN DISCHARGE AIR TEMPERATURE SET	
_	LF	LINEAR FEET		_	ALUMINUM DUCT	POINT. WHEN THE ZONE TEMPERATURE COMES WITHIN 2°F OF SET POINT, THE UNIT SHALL OPERATE IN OCCUPIED MODE.	
_	LWT	LEAVING WATER TEMPERATURE	ER CFM	_	EXHAUST REGISTER	LIMIT CONTROLS: PROVIDE A HIGH/LOW LIMIT CONTROL(S) IN THE SUPPLY	
_	MBH	1000 BRITISH THERMAL UNITS PER HOUR	CD-A CFM		NEW CEILING DIFFUSER	FAN DISCHARGE ARRANGED TO OVERRIDE TEMPERATURE CONTROLS AND PREVENT DISCHARGE TEMPERATURE FROM DROPPING BELOW 50°F AND RISING	
_	MER	MECHANICAL EQUIPMENT ROOM	-	_	_	ABOVE 110°F (ADJUSTABLE). ALL DAMPERS SHALL GO TO THE UNIT OFF POSITION.	
_	NIC	NOT IN CONTRACT	_	_	_		
_	ΟΑΙ	OUTSIDE AIR INTAKE		_	_	MISCELLANEOUS: WHENEVER UNITS ARE SHUTDOWN, THE OUTSIDE AIR INTAKE AND EXHAUST AIR DAMPERS SHALL BE CLOSED AND THE RETURN AIR DAMPER	
	PSI	POUNDS PER SQUARE INCH		_		SHALL BE OPEN. PROVIDE ALL WIRING AS REQUIRED.	
	RA	RETURN AIR					
	RF-	RETURN FAN	GENERAL NO	JIES		TIME-CLOCK TO OPERATE DURING OCCUPIED PERIODS.	
	RPM	REVOLUTIONS PER MINUTE			ECHANICAL DRAWINGS REFER TO INSIDE CLEAR DUCT	<u>EXHAUST-FAN:</u> EXHAUST FAN SHALL BE INTERLOCKED WITH A TIME-CLOCK TO OPERATE DURING OCCUPIED PERIODS AND/OR 24-7 BASED ON AREA SERVED.	
			DIMENSIONS. WHE OF DUCT TO COM		IS LINED THE CONTRACTOR SHALL INCREASE THE SIZE LINING.	OF ERATE DORING OCCOFFED FERIODS AND/OR 24-7 BASED ON AREA SERVED.	
_	SA SP	SUPPLY AIR STATIC PRESSURE	2. CONTRACTOR TO	FIELD VERIFY /	ALL EXISTING CONDITIONS PRIOR TO THE BEGINNING OF	<u>ELECTRIC UNIT HEATER</u> : PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH ON-AUTO-OFF SWITCH, LOCATED AS SHOWN ON PLAN AND COORDINATED WITH	
_			WORK AND COORI	DINATE NEW WO	DRK.	ARCHITECTURAL DRAWINGS. UNIT HEATER SHALL ENERGIZE TO MAINTAIN TEMPERATURE SET-POINT OF 55°F (ADJUSTABLE).	
_	TD	TRANSFER DUCT			L FIRE DAMPERS WITH ACCESS DOORS IN ALL DUCTS S WHETHER SPECIFICALLY SHOWN ON THE DRAWING OR		
_	TF-	TRANSFER FAN	NOT.				
_	TSP	TOTAL STATIC PRESSURE			IROUGH PARTITIONS WITH PIPE SLEEVES. FOR PIPES TIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVI		
_	TYP.	TYPICAL			OPPING MATERIAL.		
_	U.O.N.	UNLESS OTHERWISE NOTED	5. COORDINATE DUC ARCHITECTURAL E		, DIFFUSER AND REGISTER LOCATIONS WITH LIGHTS, SHELVING.		
_	WB	WET BULB TEMPERATURE			IT FOR REVIEW A COMPOSITE SHOP DRAWING, FULLY		
-	WG	INCHES OF WATER GAUGE	COORDINATED WIT	H ALL OTHER	TRADES, INDICATING DUCTWORK, PLUMBING PIPING, NDUITS, DIFFUSERS, GRILLES, ETC.		
	EX.	EXISTING TO REMAIN			S THEY RELATE TO THE GENERAL ARRANGEMENT AND		
	REL.	REMOVE AND RELOCATE	LOCATION OF EQU	JIPMENT, PIPING	G AND SHEETMETAL, SHALL BE UNDERSTOOD AS TO SHEETMETAL AND EQUIPMENT LOCATIONS		
	NEW	NEW WORK			ENCE WITH OTHER TRADES SHALL BE MADE AT NO		
	DEM.	EXISTING TO BE REMOVED					
(]	_	THERMOSTAT			PERS ON DUCTWORK ABOVE DRYWALL CEILINGS.		
<b>⊸</b> ∕-	_	AIR INTO REGISTER			ABOVE HUNG CEILING TO HAVE 1/2"WMS.		REVISION NUMBER DATE
$\mathbf{\Theta}$		POINT OF CONNECTION DISCONNECTION	10. SEE ARCHITECTUR CONSTRUCTION.	AL DRAWINGS	FOR EXACT PHASING AND TIME SCHEDULE FOR		
	SR	SUPPLY REGISTER					AS BUILT -
	CD	1-WAY					AS BUILT -
	CD	2-WAY					NAME
	CD	2-WAY					SIGNATURE
							WESTCHES
							DEPARTM
ARGE OF <u>JW</u>		IT IS A VIOLATION OF NYS LAW FOR ANY WAY, UNLESS ACTING UNDER THI ENGINEER. IF A DOCUMENT BEARIN	E DIRECTION OF A LICENSED PROFES	SIONAL			NEW GO
KED BY <b>RG</b> BY <b>AMB</b>		THE ALTERING ENGINEER SHALL AFFIX NOTATION "ALTERED BY" FOLLOWED B	TO THE DOCUMENT THEIR SEAL AND	THE			IMOHANSIC GC
		SUCH ALTERATION, AND A SPECIFIC D					MÊCH. SYN

PERATION							
JRE CONTROL PANEL WITH 7—DAY PROGRAMMABLE HANGE—OVER, SET—BACK, HEAT—OFF—COOL AND ATING AND COOLING SHALL BE ENABLED AND DISABLED T.							
AIR INTAKE AND EXHAUST AIR DAMPERS SHALL BE RN AIR DAMPER SHALL BE FULL OPEN.							
NIT SHALL START AND STOP AT PRE-SET TIMES AS THE PROGRAMMABLE THERMOSTAT. UPON STARTUP, AND RAMP UP TO THE PROGRAMMED SPEED. THE ND THE EXHAUST AIR DAMPERS SHALL OPEN AND R SHALL CLOSE TO THE MINIMUM OUTDOOR AIR UT DOWN THE OUTDOOR AIR DAMPER AND EXHAUST CLOSE AND THE RETURN AIR DAMPER SHALL FULLY							
IT SUPPLY FAN SHALL RUN CONTINUOUSLY AND THE GIZED DURING THE PROGRAMMED OCCUPIED PERIODS. DAMPER SHALL BE OPEN AND SUPPLY AIR FAN ON. E TO MAINTAIN SPACE TEMPERATURE SET-POINT AT							
T SUPPLY FAN SHALL RUN CONTINUOUSLY DURING PIED PERIODS. THE OUTSIDE AIR INTAKE DAMPER PPLY AIR FAN ON. DX HEATING SHALL CYCLE TO ATURE SET—POINT AT 68°F (ADJUSTABLE).							
ERATION: UNIT SHALL START AND OPERATE FOR A AS PROGRAMMED INTO THE UNITARY CONTROLS. UTSIDE, INTAKE, AND EXHAUST AIR DAMPERS SHALL RETURN AIR DAMPER SHALL REMAIN OPEN. THE RGIZE TO MAINTAIN DISCHARGE AIR TEMPERATURE SET E TEMPERATURE COMES TO WITHIN 2°F (ADJUSTABLE) SHALL OPERATE IN OCCUPIED MODE.							
PERATION: UNIT SHALL START AND OPERATE FOR A AS PROGRAMMED INTO THE UNITARY CONTROLS. JTSIDE, INTAKE, AND EXHAUST AIR DAMPERS SHALL RETURN AIR DAMPER SHALL REMAIN OPEN. THE RGIZE TO MAINTAIN DISCHARGE AIR TEMPERATURE SET TEMPERATURE COMES WITHIN 2°F OF SET POINT, THE OCCUPIED MODE.							
VIDE A HIGH/LOW LIMIT CONTROL(S) IN THE SUPPLY NGED TO OVERRIDE TEMPERATURE CONTROLS AND MPERATURE FROM DROPPING BELOW 50°F AND RISING BLE). ALL DAMPERS SHALL GO TO THE UNIT OFF							
ER UNITS ARE SHUTDOWN, THE OUTSIDE AIR INTAKE ERS SHALL BE CLOSED AND THE RETURN AIR DAMPER E ALL WIRING AS REQUIRED.							
LET EXHAUST FAN SHALL BE INTERLOCKED WITH A URING OCCUPIED PERIODS.							
AN SHALL BE INTERLOCKED WITH A TIME-CLOCK TO PERIODS AND/OR 24-7 BASED ON AREA SERVED.							
PROVIDE 7—DAY PROGRAMMABLE THERMOSTAT WITH CATED AS SHOWN ON PLAN AND COORDINATED WITH . UNIT HEATER SHALL ENERGIZE TO MAINTAIN PF 55°F (ADJUSTABLE).							
					DBA0006.00	OLA Consulting Engineers 50 Broadway, Hawthome, New York 10532 914.747.2800 8 West 38th Street, Suite 501 New York, NY 10018 646.849.4110 olace.com	TOF NEW LOOP THE OF NEW LOOP ABBATTOPHY * CONTRACTOR 077231 CENTRAL 077231 CENTRAL 077231 CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CENTRAL CEN
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NG VIBRATION ISOLA NECTIONS AT DUCT TYPICAL FOR (3)	TORS.							
WITH MOTORIZED DA E AIR INTAKE LOUVE INAL SIZE & LOCATI GS. INTERLOCK MOT ERATION. TYPICAL FO	ER BELOV ON WITH FORIZED E	V						
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	1	NEW C			TORAGE		Y	SCALE: 1/8" = 1'-0"

	NEW 24x24 ER. TYPICAL
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BATHROOMS & LOCKERS MECHANICAL NEW WORK PLAN

NOTES: 1. SUPPLY AND RETURN DUCTWORK ABOVE TOILET ROOM SHALL BE RUN ABOVE CEILING. COORDINATE WITH ARCHITECTURAL DRAWINGS.



		iator to r Vindow, tyf						
	FROM ST ISOLATO	ERGY RECON FRUCTURE A RS. PROVIDI INNECTIONS	ABOVE WI E FLEXIBI	TH VIBRA _e conni	- Ation			
	MOTORIZ	36 EXHAUS Ed damper ate with A	R & 18"	DEEP PL	ENUM.			
	MOTORIZ	36 OUTSIDI ED DAMPER ATE WITH 4	R& 18"	DEEP PL	ENUM.			
	WITH 45	d routed ° fitting ai above fina	ND INSEC	T SCREE				
ACC	MOUNTEI ROUTE N COORDIN	TON AIR CO D ON NEW IEW 5%"RS 6 ATE FINAL	4" HIGH & <u>%</u> "RL I	HOUSEKE PIPING T(	EPING P D <u>HP-1.</u>	AD.		
	EQUIPME		ROVIDE 5/2	;"RS & 🕇	%"RL PIP	NT ON 4" HIG ING. COORDIN ND OWNER		
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1	NEW C	GOLF C	CART S	TORAGE	FACILI ADFS	ΓY	SCALE: 1/4" = DATE: 6/4/2		
MOHAN BATH	ISIC G	OLF C(	DURSE	, YORKYC CHANICAL N	DWN, N	E <mark>w york</mark> ( Plan	DPW FILE NO. 10-02-M-	72-0	REV. NO. O

in charge of <b>JW</b> checked by <b>RG</b> made by <b>AMB</b>	ANY WAY, UNLESS ENGINEER. IF A THE ALTERING ENO NOTATION "ALTERED	ACTING UNDER THE DOCUMENT BEARING	DIRECTION OF A L THE SEAL ON AN TO THE DOCUMENT THEIR SIGNATURE	ER THIS DOCUMENT ICENSED PROFESSION ENGINEER IS ALTERE THEIR SEAL AND TH AND THE DATE OF ALTERATION.

EXH	EXHAUST FAN SCHEDULE									
DESIGNATION	EF-1	EF-2	EF-3							
LOCATION	GOLF CART STORAGE	GOLF CART Storage	GOLF CART STORAGE							
AREA SERVED	GOLF CART STORAGE	GOLF CART STORAGE	GOLF CART STORAGE							
MODEL	SQ-140 (VARI-GREEN)	SQ-140 (VARI-GREEN)	SQ-140 (VARI-GREEN)							
CFM	1,800	1,800	1,800							
ВНР	0.3	0.3	0.3							
HP	3⁄4	3⁄4	3⁄4							
FAN RPM	1140	1140	1140							
SP (IN H₂O)	0.375	0.375	0.375							
VOLTS/Ø/Hz	230/1/60	230/1/60	230/1/60							
INTERLOCK	_	_	_							

OTES:

1. FANS BASED ON GREENHECK.

 ALL MOTORS SHALL BE PREMIUM EFFICIENCY.
 FURNISH MOTOR STARTERS AND DISCONNECT SWITCHES FOR EACH FAN.

4. FURNISH MOTOR AND BELT GUARD FOR ALL EXTERNAL MOTOR DRIVES.

5. FURNISH RUBBER IN SHEAR OR SPRING VIBRATION ISOLATORS AS PER THE SPECIFICATION.

6. FURNISH WALL MOUNTED SPEED CONTROLLER OR THERMOSTAT AS INDICATED ON PLAN.

# ENERGY RECOVERY SCHEDULE

DESIGNATION	ERV-1
LOCATION	STORAGE
AREA SERVED	TOILET/LOCKER ROOM
MANUFACTURER	GREENHECK
MODEL	ERV-20-15L
WEIGHT	779
SUPPLY FAN:	
CFM	1,000
MIN OA CFM	1,000
HP	3⁄4
ESP/TSP	0.75/0.845
EXHAUST FAN:	
CFM	1,000
HP	3⁄4
ESP/TSP	0.75/0.849
ENERGY CONSERVATION WHEEL: (SUMMER C	DAT 95/75, WINTER OAT 0/0)
SUMMER SAT DB/WB	78.3/66.2
SUMMER RAT DB/WB	75.0/63.9
SUMMER EAT DB/WB	91.5/73.2
WINTER SAT DB/WB	60.7/48.8
WINTER RAT DB/WB	55.8/35.0
WINTER EAT DB/WB	20.4/19.0
FILTERS DATA:	
QUANTITY/SIZE	8–20x20 (EXHAUST AIR) 8–20x20 (OUTDOOR AIR)
EFFICIENCY	MERV 8
ELECTRICAL DATA:	
VOLTS/Ø/Hz	208 / 1 / 60
MCA	18.5
MAX FUSE SIZE	25.0
NOTES: 1. FURNISH THE FOLLOWING OPTIONS AND ROOM TEMPERATURE SENSOR. PREMIUM EFFICIENCY MOTORS ANGLE FILTER SECTIONS WITH MERV-8 FI DIRTY FILTER SENSOR – OUTDOOR AND E OUTDOOR AIRFLOW MONITORING. ROTATION SENSOR. DUCT FLANGE. MICROPROCESSOR CONTROLS. SPRING VIBRATION ISOLATORS. MOTORIZED SUPPLY AND RETURN LOW LE FROST CONTROL – MODULATING WHEEL. 3. EURNISH EXTRA DRIVE RELT AND EXTRA	EXHAUST AIR.

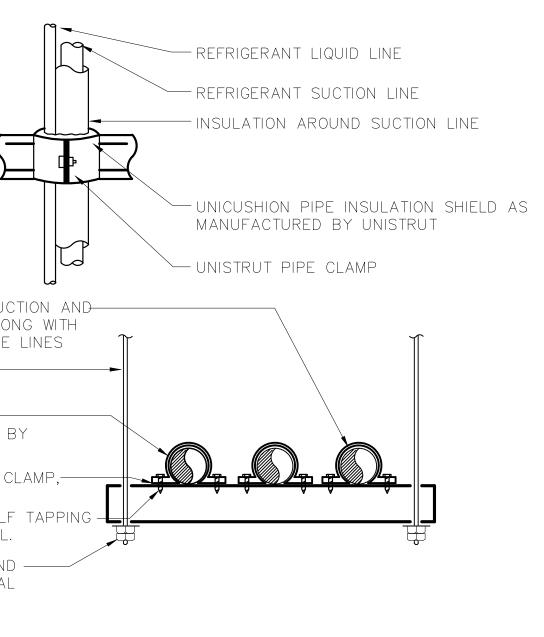
- 3. FURNISH EXIRA DRIVE BELL AND EXIRA FILIER SEI.
- PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
   UNIT SHALL BE UL LISTED.

EQUIF	PMEN	ΤΝΟ	TES:					
ÁLUMI	NUM 606 SH 1/2"	63-T5, A	NODIZED	CUSTOM CO	DLOR TO B	ABLE BLADE, E SUBMITTED RDINATE WITH	FOR APPRO	DVAL.
AIRFO	IL DAMPE ER SHAL OUTSIDE DAMPER TESTED	ER. DAMP L BE 120 E AIR INT, S WITH M IN ACCOI SE AUTON	ER SHAL V, 3 AMI AKE & E 1AXIMUM RDANCE	L HAVE OPI P MAX. DAM XHAUST DA LEAKAGE R WITH AMCA	POSED BLA IPER SHALI MPERS SHA ATE OF 4 500D. DAM	4" DEEP EX DES, MOTOR L BE LOW-LE ALL BE CLAS CFM/FT <sup>2</sup> @ MPERS SHALL OF SPACE	, AND LINKA EAKAGE RAT S I MOTORIZ 1.0" W.G.; _ BE CONFIG	GE. ED TYPE. ED SURED
DAMP SHALL NECK	ER. ALL . BE WHI .SHALL E	STEEL CO TE. FRAM	)NSTRUC <sup>*</sup> E SHALL ). REFER	TION. FINISH BE SUITAB TO PLANS	SHALL BE LE FOR LA	H OPPOSED E BAKED ON Y IN OR SUF LE SIZE, NEC	ENAMEL, CC RFACE MOUN	DLOR TING.
DEFLE VOLUM ENAM	CTION, A 1E DAMP EL, COL	LL ALUMI ER, SIZE OR SHALI	NUM CO AND CFN _ BE WH	NSTRUCTION M AS NOTED	, AIRFOIL E ) ON PLAN : Shall Be	FL, 1/2"SPA BLADES WITH S. FINISH S E SUITABLE F	OPPOSED E HALL BE BA	BLADE .KED ON
35° FI BLADE BAKEI	XED DEF VOLUME O ON EN	LECTION, E DAMPEF AMEL, CO	ALL ALU RS, SIZE LOR SHA	IMINUM CON AND CFM A	STRUCTION S NOTED ( E. FRAME	MODEL 355 , AIRFOIL BL ON PLANS. SHALL BE S H PLANS.	ADES WITH ( FINISH SHAL	OPPOSED .L BE
SHALL DEFLE OPPOS FINISH	. BE TITU CTION, 1 SED BLAI I SHALL	JS MODEL 6-GAUGE DE VOLUN BE BAKE	. 33RL, S BORDEF 1e DAMP D ON EN	STEEL CONS R, 14-GAUG ER IN NECK IAMEL. SUE	TRUCTION, E BLADES, , SIZE AND BMIT COLOR	R USE IN CA WITH 1/2" S SUPPORT BA CFM AS NO CFM AS NO CHART FOR DINATE WITH	SPACING, 38 ARS 6" ON ( DTED ON PL/ APPROVAL	°FIXED CENTER, ANS. FRAME
, THERN	IOSTATS	AND CO2	2 SENSO		SHALL BE	OOF COVER F CLEAR ACRY G-512A.		WITH
UNSLI INSUL ARMS	T, TO BE ATION WI TRONG 5	INSTALL TH MITER 20 ADHES	ED BEFO CUTS. SIVE. AI	RE FINAL C ALL BUTT LL INSULATIO	ONNECTION JOINTS AN ON INSTALL	AFLEX PIPE I . FIELD FAE D SEAMS AR _ED OUTDOOF NUFACTURER	RICATE FITT E TO BE SE RS SHALL BE	ING ALED WITH E COATED
MODEI CFM (	_ FTQ36F ⋑ 0.8" E 10STAT F	PBVJU RA SP; ¾"RL	.TED AT . & %"H	36,000 BTU G, R-410A	H COOLING REFRIGERA	-TON VERTIC/ ; / 40,000 E NT. MICROPR : 208–230/	TUH/HEATIN OCESSOR	NG; 1,200
COMP	RESSOR		T 36,000	BTUH COO		EL RZQ36PV. ,000 BTUH H		
12.) <u>ELEC</u> RATEE FOLLC	T <u>RIC UNI</u> ) AT 400 WING OP	<u>t heatef</u> ) CFM, 17 TIONS: F	<u>r (uh—1</u> 7.1 mbh, An guaf	<u>&amp; UH-2)</u> : 5 kW, 208 RD, AIR DEFI	//1¢/60Hz _ection lo	MARKEL MOI , 24 AMPS. )UVER, SUMM H, & WALL T	PROVIDE THE ER FAN SWI	-
MOUN LEAST FOR M FROM DISTR SYSTE	TED ON 1". USE MACHINE CEILING. BUTION, MS MUS	SPRING V MASON LOAD. US ASSUMIN EACH SP	IBRATION TYPE "S SE MASO IG THE E RING SH SINEERED	I ISOLATORS LF" OR "SLF N TYPE "30 EQUIPMENT I ALL BE RAT FOR 95% IS	5, WITH A F FH" FOR FL " OR "W3C S MOUNTEI ED FOR 1/	IVAC EQUIPM RATED STATH LOOR MOUNT O' FOR EQUIF O TO PROVID 4 THE UNIT EFFICIENCY A	C DEFLECTIC ED EQUIPMEI MENT SUSPI E FOR EQUA S TOTAL WE	N OF AT NT, RATED ENDED AL LOAD IGHT.
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WESTCHESTER COUNTY, NEW YORK<br/>DEPARTMENT OF PUBLIC WORKS<br/>DIVISION OF ENGINEERINGNUMBER<br/>YORK<br/>17 - 539NUMBER<br/>17 - 539NUMBER<br/>M-601SHEET NO. 40 OF 59 NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE, YORKYOWN, NEW YORK MECHANICAL SCHEDULES 10-02-M-73 SCALE: NONE DATE: 6/4/21

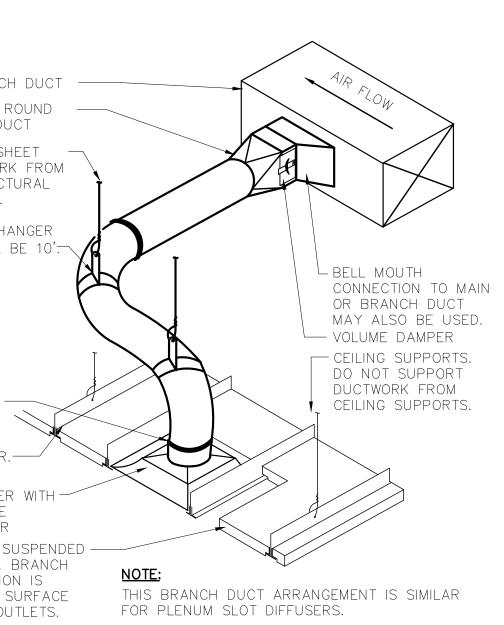
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	REFRIGERANT SU LIQUID LINES ALO PUMP DISCHARGE 3/8"THREADED - HANGER ROD UNICUSION AS - MANUFACTURED UNISTRUT. UNISTRUT PIPE TYPICAL GALVANIZED SEL SCREWS TYPICAL DOUBLE NUT AN WASHER. TYPICA DOUBLE NUT AN WASHER. TYPICA 1.) LIQUID AND S MUST BE COMPLE AND SUCTION LIN 2.) LINES SHOUL SERVICE ACCESS 3.) USE LONG R/ TRAPS, WHERE S 4.) SLOPE HORIZ OUTDOOR UNIT.
4 HANGER RODS SECURED TO BUILDING STRUCTURE, 3/8 DIA MIN. FOR FANS WITH EXTERNAL MOTOR PROVIDE MOTOR AND BELT GUARD. EXHAUST OR INTAKE FAN.	MAIN OR BRANG TRANSITION TO SHEET METAL D SUPPORT ALL S METAL DUCTWO BUILDING STRUC MEMBERS ONLY THE MAXIMUM H SPACING SHALL
FOR DUCTS WITH ACOUSTIC LINING, DIMENSIONS SHOWN ON PLANS ARE INSIDE CLEAR DIMENSIONS. DOUBLE NUT ON HANGER RODS	FASTEN DUCTS WITH CLAMPS. CEILING "T" BAF TYPICAL CEILING DIFFUSE OPPOSED BLADE VOLUME DAMPE ACOUSTIC TILE CEILING SHOWN. DUCT CONNECTI SIMILAR FOR A MOUNTED AIR C
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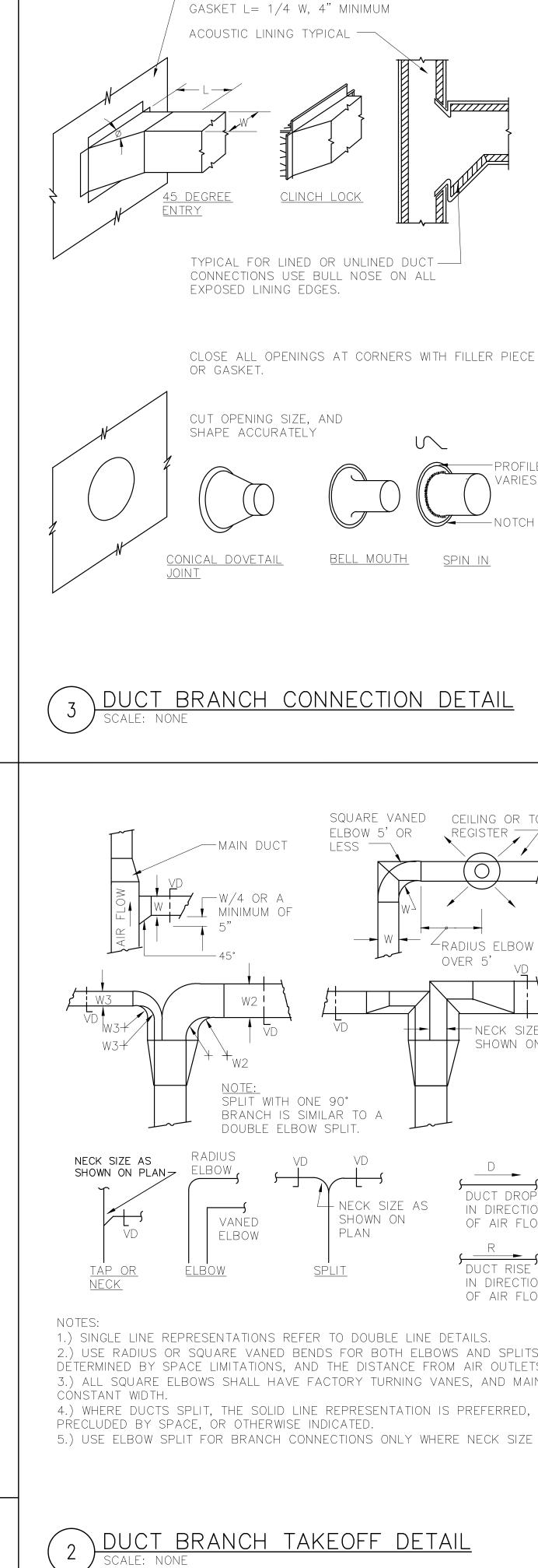


- SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT ETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID NES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT.
- BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING TO THE INDOOR COIL.
- ADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN HORT RADIUS ELBOWS SHOULD BE USED.
- CONTAL SUCTION LINES 1 INCH EVERY 20 FEET TOWARD THE

# ERANT PIPE SUPPORT DETAIL



# E DUCT CONNECTION DETAIL



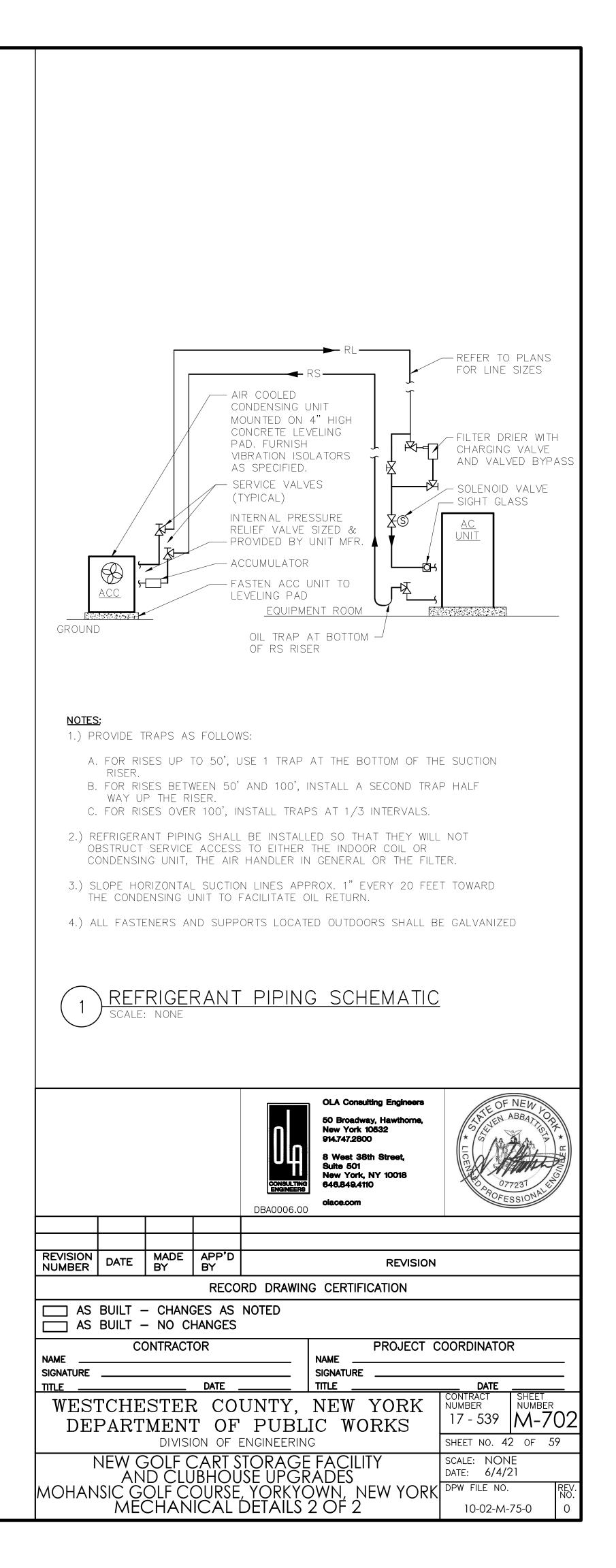
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SYMBOLS	and ae	BBREVIATIONS						
SYMBOL	ABBREVIATIO	DN DESCRIPTION	SYMBOL	ABBREVIATION	DESCRIPTION	SYMBOL	ABBREVIATIO	DESCRIPTION
		CONDUIT AND WIRING	/ / 200AS 白 150AF		FUSED SWITCH		РВО	PROVIDED BY OTHERS
		CONDUIT & WIRING TO BE REMOVED UON		GND	GROUND AS PER LOCAL CODE		PNL	PANEL
— — UG— —		BURIED CONDUIT	<b>••••</b>		GROUND BAR		PT	PRESSURE TREATED
OH		OVERHEAD CONDUCTORS		_	GROUND ROD		PVC	POLY VINYL CHLORIDE
	_	HOMERUN TO PANEL, ARROWS INDICATE # 1P	س <sub>OR</sub> ک	XFMR	TRANSFORMER		REL.	REMOVE AND RELOCATE
<	_	MULTI-POLE HOMERUN		СТ	CURRENT TRANSFORMER		RGS	RIGID GALVANIZED STEEL
		ELECTRICAL EQUIPMENT AS INDICATED	Ź,	_	UTILITY POLE		SCH	SCHEDULE
I <u></u> I	_	ELECTRICAL EQUIPMENT TO BE REMOVED UON		WM	WATER MAIN		SW	SWITCH(ES)
		ELECTRIC METER	/	NC	NORMALLY CLOSED CONTACTS		TELCO	TELEPHONE COMPANY
J		JUNCTION BOX		NO	NORMALLY OPEN CONTACTS		TYP	TYPICAL
		FUSED DISCONNECT SWITCH	[M]	MD	MOTORIZED DAMPER		UG	UNDERGROUND
		UNFUSED DISCONNECT SWITCH		SD OR CFSD	SMOKE DAMPER		UON	UNLESS OTHERWISE NOTED
		COMBINATION MOTOR STARTER/FUSED DISC.		UH	UNIT HEATER		VIF	VERIFY IN FIELD
		MOTOR STARTER		A	AMPERE(S)		V	VOLT(S)
		MOTOR		AC	AIR CONDITIONER		WH	WATER HEATER
		BATTERY PACK EMERGENCY LIGHT FIXTURE		ACC	AIR CONDITIONER CONDENSER		WP	WEATHERPROOF
		EXIT LIGHT, FACES-SHADED, CHEVRON-ARROW		AFF	ABOVE FINISHED FLOOR			
S <sub>x</sub>		SINGLE POLE SWITCH		AF	AMPERAGE OF FUSE			
$\cup_{X}$		(x – INDICATES FIXTURE BEING CONTROLLED)		AF	ABOVE GRADE LEVEL			
$S_x^3$		THREE WAY SWITCH		AGL	ABUVE GRADE LEVEL ALUMINIUM			
J <sub>x</sub>		(x – INDICATES FIXTURE BEING CONTROLLED)		AL	AMPERAGE OF SWITCH			
S <sub>x</sub> <sup>4</sup>		FOUR WAY SWITCH		AWG	AMERICAN WIRE GAUGE			
J <sub>x</sub>		(x – INDICATES FIXTURE BEING CONTROLLED)						
SxDIM				BCW	BARE COPPER WIRE	NOTES:		
$\supset_{x}$	_	DIMMER SWITCH (x – INDICATES FIXTURE BEING CONTROLLED) —		BLDG	BUILDING	1.) ALL SYMBOLS AI		NS MAY NOT BE APPLICABLE FOR THIS PROJ E FOR LIGHT FIXTURE SYMBOLS.
C				C			ATORE SCHEDOL	E FOR LIGHT FIXTORE STMBOLS.
SM	-	MOTOR RATED TOGGLE SWITCH		CD	CANDELA			
	-	WALL MOUNTED OCCUPANCY SENSOR		СКТ	CIRCUIT			
	-	WALL MOUNTED VACANCY SENSOR		CLG	CEILING			
	-	CEILING MOUNTED OCCUPANCY SENSOR		COL	COLUMN			
<u> </u>		DUPLEX RECEPTACLE		CU	COPPER			
<b></b>	-	DOUBLE DUPLEX RECEPTACLE			CABINET UNIT HEATER			
<u> </u>		SPECIAL RECEPTACLE		DEM.	DEMOLISH AND REMOVE			
F		FIRE ALARM MANUAL PULL STATION		DISC	DISCONNECT			
EG\$	_	FIRE ALARM COMBINATION AUDIO/VISUAL DEVICE (15/75 CD - STROBE)		DIM	DIMMER			
L 110				DWG	DRAWING			
EKI\$	-	FIRE ALARM COMBINATION AUDIO/VISUAL DEVICE (110 CD - STROBE)		EMT	ELECTRICAL METALLIC TUBING			
\ - <i>\</i>				EM	EMERGENCY			
)E		FIRE ALARM STROBE 15/75 CD		EX.	EXISTING TO REMAIN			
E <sup>110</sup>		FIRE ALARM STROBE 110 CD		F	FLOOR			
<u>(S)</u>		SMOKE DETECTOR		FBO	FURNISHED BY OTHERS			
H		HEAT DETECTOR		GFI	GROUND FAULT INTERRUPTER			
$\langle co \rangle$		CARBON MONOXIDE DETECTOR		HP	HORSEPOWER			
SB	SB	FIRE ALARM DEVICE. SB – SOUNDER BASE FOR CARBON MONOXIDE DETECTOR		HVAC IMC	HEATING VENTILATION AIR CONDITIONING			
ANN		FIRE ALARM ANNUNCIATOR PANEL		KVA	KILO-VOLT-AMPERE			
CM	СМ	FIRE ALARM CONTROL MODULE		KW	KILO-WATT			
MM	MM	FIRE ALARM MONITORING MODULE		MAX	MAXIMUM			
FACP	FACP	FIRE ALARM CONTROL PANEL		MCB	MAIN CIRCUIT BREAKER			
BPS	BPS	BOOSTER POWER SUPPLY		MIN	MINIMUM			
R		FIRE ALARM RELAY		MLO	MAIN LUG ONLY			
	EƏL	ENECTRICLINENBEDISTOR		NIC	NOT IN CONTRACT			
EPO	EPO	EMERGENCY POWER OFF SWITCH		NTS	NOT TO SCALE			
	СВ	CIRCUIT BREAKER		OH	OVERHEAD			
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60	_	ENCLOSED CIRCUIT BREAKER		P	POLE	_		
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# GENERAL NOTES

1.) ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED (UON) EXISTING TO REMAIN (EX.).

2.) THE DRAWINGS ARE TO BE CONSIDERED SCHEMATIC ONLY AND DO NOT NECESSARILY SHOW THE EXACT LOCATIONS AND DETAILS OF THE WORK TO BE INSTALLED.

3.) THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING ALL FEES ASSOCIATED WITH THIS WORK INCLUDING FILING WITH THE UTILITY COMPANY (AS REQUIRED), AND WITH LOCAL AUTHORITY HAVING JURISDICTION.

4.) ALL WORK INVOLVING THE ELECTRIC SERVICE SHALL BE COORDINATED AND APPROVED BY THE UTILITY COMPANY.

5.) ALL CONDUCTORS SHALL BE COPPER UON "ON DRAWINGS".

6.) ELECTRONIC FILES OF THE MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS ARE AVAILABLE TO THE CONTRACTOR. THE ENGINEER MAY GRANT THE CONTRACTOR A LIMITED LICENSE TO MAKE A DERIVATIVE WORK OF THE DATABASE FOR THE PURPOSE OF SHOP DRAWINGS, SUBMITTALS AND AS-BUILT DRAWINGS. UPON REQUEST, THE ENGINEER SHALL PROVIDE A RELEASE FORM THAT MUST BE SIGNED AND RETURNED BY THE CONTRACTOR PRIOR TO RELEASE OF THE ELECTRONIC FILES.

7.) CIRCUIT NUMBERS ARE FOR INFORMATION PURPOSES ONLY. ACTUAL CIRCUIT NUMBERS SHALL BE DETERMINED IN THE FIELD.

8.) CORE DRILLING OR TRENCHING THROUGH AN EXISTING FLOOR SLAB, WHEN REQUIRED, SHALL BE COORDINATED WITH THE OWNER. FLOOR SLABS SHALL BE RADAR SCANNED PRIOR TO CORE DRILLING OR TRENCHING. ALL WORK, INCLUDING CORE DRILLING, RADAR SCAN, INSTALLATION OF FIRE STOPPING, & CONDUIT/CABLE INSTALLATION SHALL BE PERFORMED DURING NON-BUSINESS HOURS AND INCLUDED IN BASE BID. USE EXTREME CAUTION DURING ANY CUTTING OPERATION TO AVOID DAMAGE TO EXISTING EQUIPMENT/SYSTEMS. ANY ITEMS DAMAGED AS A RESULT OF CORE DRILLING SHALL BE REPAIRED AT NO COST TO THE CLIENT. ALL CORES SHALL BE FIRE SEALED.

9.) FOR EACH WALL MOUNTED COMMUNICATIONS OUTLET, PROVIDE A 1900 JUNCTION BOX WITH AN EXTENDER COLLAR AND 1 INCH CONDUIT WITH DRAGLINE 6 INCHES ABOVE ACCESSIBLE CEILING FOR INSTALLATION OF CABLE BY OTHERS.

10.) COMMUNICATION WIRING BY OTHERS. COORDINATE COMMUNICATION JACKS WITH REPRESENTATIVE, TYPICAL.

11.) WHERE GFI RECEPTACLES ARE CIRCUITED WITH GENERAL CONVENIENCE RECEPTACLES, THE GFI RECEPTACLE SHALL BE THE LAST DEVICE ON THE CIRCUIT.

12.) INSTALL CONDUIT EXPANSION FITTINGS AT ALL LOCATIONS WHERE CONDUITS CROSS BUILDING OR STRUCTURE EXPANSION JOINTS.

13.) UNLESS OTHERWISE NOTED, DISCONNECT SWITCHES, STARTERS, HOAS AND MOTOR RATED TOGGLE SWITCHES FOR MECHANICAL PUMPS, CABINET AND UNIT HEATERS, RETURN FANS, ROOF FANS, VAV BOXES, COMPRESSORS, FAN COIL UNITS, AIR HANDLERS AND CONDENSERS SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE ALL WORK WITH THE MECHANICAL CONTRACTOR.

14.) DISCONNECT SWITCHES FOR MOTORIZED DAMPERS, CFSD/SD AND VAV BOXES SUPPLIED BY MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR. SWITCHES NOT SHOWN ON PLANS.

15.) INCLUDE IN BASE BID (2) 1P-20A CIRCUITS ON EACH AREA LISTED (150' LENGTH EACH) FOR HVAC SYSTEM CONTROL PANELS. EXACT LOCATION OF CONTROL PANELS SHALL BE COORDINATED WITH DIVISION 15 IN THE FIELD. CIRCUITS SHALL ORIGINATE FROM THE FOLLOWING PANELBOARDS:

CLUBHOUSE RESTROOMS/STORAGE - PPCH1-19,21 GOLF CART STORAGE SHED - PPCS-29,31

16.) THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, PAINTING, AND FINAL RESTORATION REQUIRED TO FACILITATE THE DEMOLITION AND INSTALLATION OF ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO PANELBOARDS, CONDUITS, WIRING, DEVICES, FIXTURES, ETC. INCLUDING ABOVE CEILINGS. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH WALLS, AS REQUIRED TO EXECUTE THE ELECTRICAL WORK.

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### DEFINITION OF TERMS

1.) WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "CLIENT" IS USED, IT MUST BE UNDERSTOOD THAT "WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS &TRANSPORTATION " IS INTENDED.

2.) WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "ARCHITECT" IS USED, IT MUST BE UNDERSTOOD THAT "BUSING ASSOCIATES ARCHITECTS, LLP" IS INTENDED.

3.) WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "ENGINEER" IS USED, IT MUST BE UNDERSTOOD THAT "OLA CONSULTING ENGINEERS" IS INTENDED.

4.) WHEREVER IN THE CONTRACT DOCUMENTS THE WORDS "ELECTRICAL UTILITY" OR "POWER COMPANY" ARE USED, IT MUST BE UNDERSTOOD THAT "CON EDISON" IS INTENDED. CON EDISON CASE #MC-512542, REPRESENTATIVE JENNIFER O'KEEFE.

5.) WHEREVER IN THE CONTRACT DOCUMENTS THE WORDS "TELEPHONE UTILITY" OR "TELCO" ARE USED, IT MUST BE UNDERSTOOD THAT "VERIZON" IS INTENDED.

6.) WHEREVER IN THE CONTRACT DOCUMENTS THE WORDS "FIRE ALARM SYSTEM" OR "FIRE ALARM VENDOR" ARE USED, IT MUST BE UNDERSTOOD THAT "OPEN SYSTEMS" IS INTENDED.

7.) "WORK" MUST BE DEEMED TO CONSIST OF ALL LABOR AND OPERATIONS, TRANSPORTATION, HOISTING, MATERIALS, TOOLS, EQUIPMENT, SERVICES, INSPECTIONS, INVESTIGATIONS, COORDINATION AND SUPERVISION REQUIRED AND / OR REASONABLY NECESSARY TO PRODUCE THE CONSTRUCTION REQUIRED BY THE CONTRACT DOCUMENTS.

8.) "FURNISH" MEANS THE DESIGN, FABRICATION, PURCHASE AND DELIVERY TO THE JOB SITE.

9.) "INSTALL OR INSTALLATION" MEANS THE ACT OF PHYSICALLY PLACING, APPLYING, SÉTTING, ERECTING, ANCHORING, SECURING, ETC., CONSTRUCTION MATERIALS, EQUIPMENT, FURNISHINGS, APPLIANCES, AND SIMILAR ITEMS SPECIFIED AND FURNISHED AT THE JOB SITE. INSTALLATION OF SPECIFIED ITEMS MUST BE COMPLETE IN ALL RESPECTS.

10.) "PROVIDE" MEANS TO FURNISH AND INSTALL CONSTRUCTION MATERIAL, EQUIPMENT, ETC. AS DEFINED ABOVE.

11.) THE FOLLOWING ARE DEFINITIONS OF SHOP DRAWING STAMP ACTIONS:

A.) "NO EXCEPTIONS TAKEN" MEANS THAT THE SHOP DRAWING IS CORRECT AS TO PERFORMANCE, CAPACITY, ETC. AND SUBSTANTIAL CONFORMANCE TO THE CONTRACT DRAWINGS AND SPECIFICATIONS. FABRICATION AND/OR PURCHASE MAY COMMENCE.

B.) "MAKE CORRECTIONS NOTED" MEANS THAT THE SHOP DRAWING IS CORRECT AS TO PERFORMANCE, CAPACITY, ETC. AND SUBSTANTIAL CONFORMANCE TO THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS, SUBJECT TO AND IN COMPLIANCE WITH THE ANNOTATIONS AND/OR CORRECTIONS INDICATED ON THE SHOP DRAWING. FABRICATION AND/OR PURCHASE MAY COMMENCE.

C.) "AMEND AND RESUBMIT" MEANS THAT THE COMMENTS AND/OR CORRECTION ARE SO EXTENSIVE AND IMPORTANT THAT THE REVIEWER WANTS TO SEE HOW THE COMMENTS AND/OR CORRECTIONS ARE RESOLVED PRIOR TO RELEASE FOR FABRICATION AND/OR PURCHASE. FABRICATIONS AND/OR PURCHASE MAY NOT COMMENCE.

D.) "REJECTED" MEANS THAT THE SHOP DRAWING DOES NOT COMPLY OR CONFORM TO THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS. FABRICATION AND/OR PURCHASE MAY <u>NOT</u> COMMENCE.

# TYPICAL BRANCH CIRCUIT WIRING LEGEND

----- 2-#12 & 1-#12 GND (1-1P-20A OR 1-1P-15A CB)

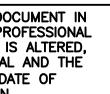
→ 3-#12 & 1-#12 GND (3P-20A OR 3P-15A CB)

→ 2-#12 & 1-#12 GND (2P-20A OR 2P-15A CB)

CIRCUIT # ~-RECEPTACLE

-LIGHT FIXTURE TYPE SWITCH CONTROL ----LIGHT FIXTURE -CIRCUIT #

<u>NOTES:</u> 1.) EACH 120V AND 277V CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR. SHARED NEUTRAL HOMERUNS ARE NOT PERMITTED. 2.) CONDUCTORS SHALL BE INCREASED FOR VOLTAGE DROP AND DERATING AS PER APPLICABLE ELECTRICAL CODE. FOR CIRCUITS THAT ARE BETWEEN 100' AND 150' IN LENGTH, PHASE AND NEUTRAL CONDUCTORS SHALL BE #10 AWG. FOR CIRCUITS THAT ARE BETWEEN 150' AND 225' IN LENGTH, PHASE AND NEUTRAL CONDUCTORS SHALL BE #8 AWG. FOR LENGTHS GREATER THAN 225' IN LENGTH, VERIFY CONDUCTOR SIZES WITH ENGINEER.



TRENCHING N	NOTES					1		
1.) CONTRACTOR SHALL NOT PART OF N.Y. STA				IND UTILITIES	S THAT ARE			
2.) ALL EXCAVATING IN THE AREA OF THE EXISTING UNDERGROUND EQUIPMENT, PIPES AND CONDUITS SHALL BE PERFORMED BY HAND.								
3.) ANY AREA/PLANTS Excavation shall be by the contractor /	RESTORED OR RE	PLACED	TO MATC					
4.) ANY EXISTING BURI DISTURBED AND/OR DA CONTRACTOR AT NO C	AMAGED DURING CO	ONSTRUC <sup>®</sup>						
5.) THE PLANS SHOW S STRUCTURES AND/OR LOCATION OF WHICH M THE CONTRACTOR IS W OF SUCH PIPELINES, SU MAY OR MAY NOT BE WITH GREAT CARE IN E OR BLAST, CALL 1-800	UTILITIES BELIEVED AY VARY FROM TH VARNED THAT THE UBSURFACE STRUC SHOWN; AND IT SI EXECUTING ANY WO	TO EXIS E LOCAT EXACT C TURES A HALL BE DRK. 48	T IN THE IONS IND R EVEN ND/OR U HIS RESF	WORKING A ICATED. IN APPROXIMAT ITILITIES IN PONSIBILITY	REA, EXACT PARTICULAR, E LOCATION THE AREA TO PROCEED			
DEMOLITION 1	NOTES							
1.) ALL EQUIPMENT SH SOURCE ORIGINATION L								
2.) CONTRACTOR SHAL TO BID AND SHALL INC ALL TEMPORARY CONNI CONSTRUCTION AND PF REMAIN, TEMPORARY A THE BUILDING POWER S INCLUDED IN BASE BID	CLUDE ALL LABOR Ections, conduit Rovide continuou ND permanently. Shall BE perform	AND MA <sup>-</sup> AND WIR S SERVIC WORK	TERIALS I E IN ORE E TO DE REQUIRIN	N BASE BID DER TO ACCO VICES AND S G THE SHUT	INCLUDING OMMODATE SYSTEMS TO DOWN OF			
3.) CIRCUIT BREAKER, VERIFIED PRIOR TO BID		DUCTOR	SIZES IN	DICATED SHA	ALL BE FIELD			
4.) ALL EXISTING ELEC DISCONNECT SWITCHES, SHALL BE REMOVED UC	, MOTOR CONTROLI							
5.) ALL DISCONNECTED BEING REUSED SHALL I DIRECTED.								
6.) THE CONTRACTOR S LABOR REQUIRED FOR SYSTEM COMPONENTS, MAINTAIN OPERATION C DEMOLITION & CONSTRU	THE EXTENSIONS, EQUIPMENT, WIRIN DF ALL SYSTEMS T	REROUTIN G, CONDL	NG & REL JITS & C	_OCATION OF ABLING SO #	EXISTING AS TO			
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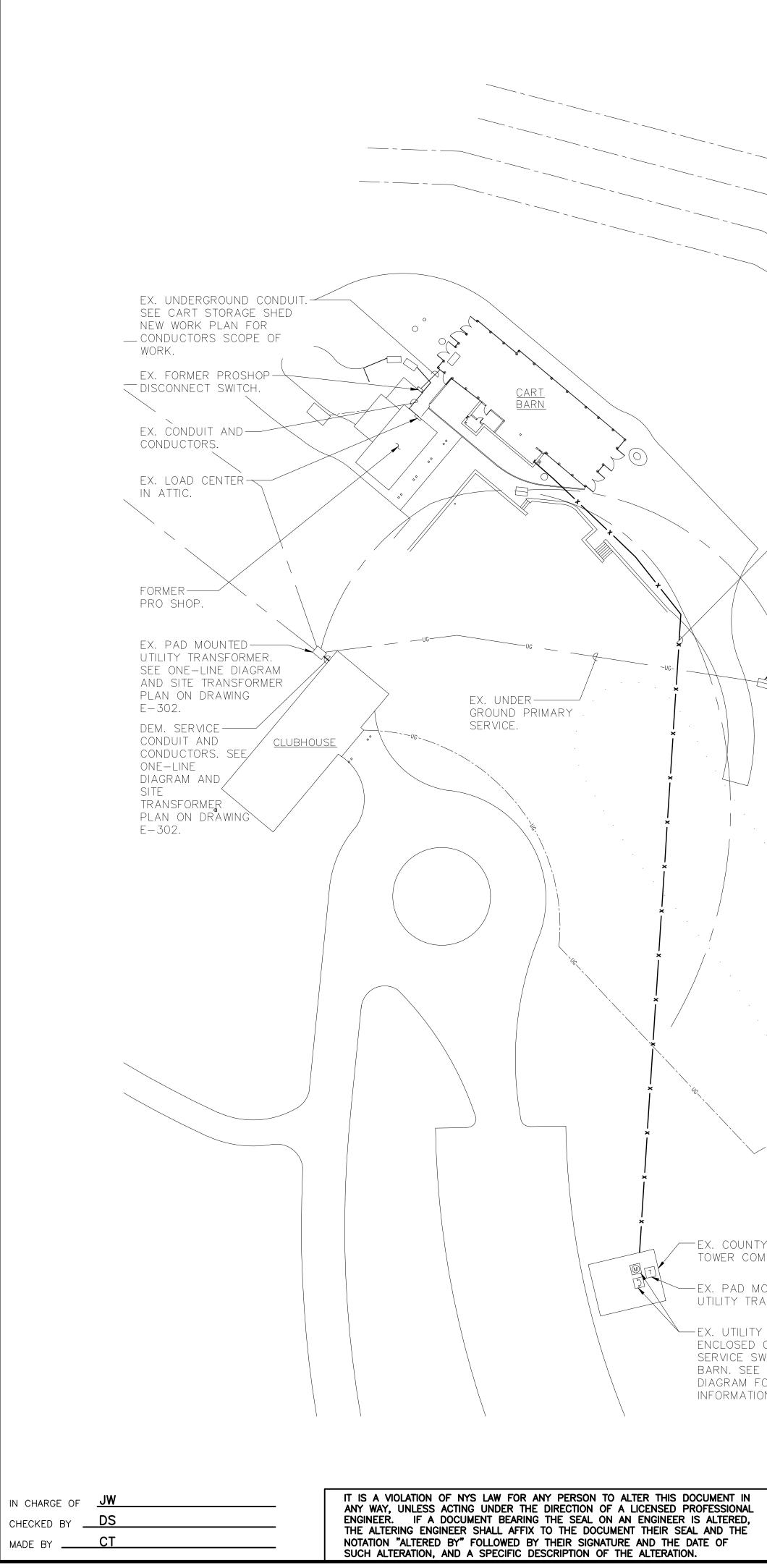
NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES

MOHANSIĆ GOLF COURSE, YORKYOWN, NEW YORK DPW FILE NO. ELECTRICAL NOTES 10-02-E-77

SCALE: NONE

DATE: 6/4/21

10-02-E-77-0



— DEM. UNDERGROUND FEEDER (APPROXIMATE LOCATION, VERIFY IN FIELD) TO CART BARN PANELBOARD. BURIED CONDUIT TO BE ABANDONED IN PLACE. CAP BOTH ENDS. SEE ELECTRICAL ONE-LINE DIAGRAM ON E-501 FOR ADDITIONAL INFORMATION.

EX. PULL BOX.

<u>red</u> Barn

EX. 3-#2---overhead SERVICE.

SERVICE.

ex. under-----

GROUND PRIMARY

EX. PULL BOX.----

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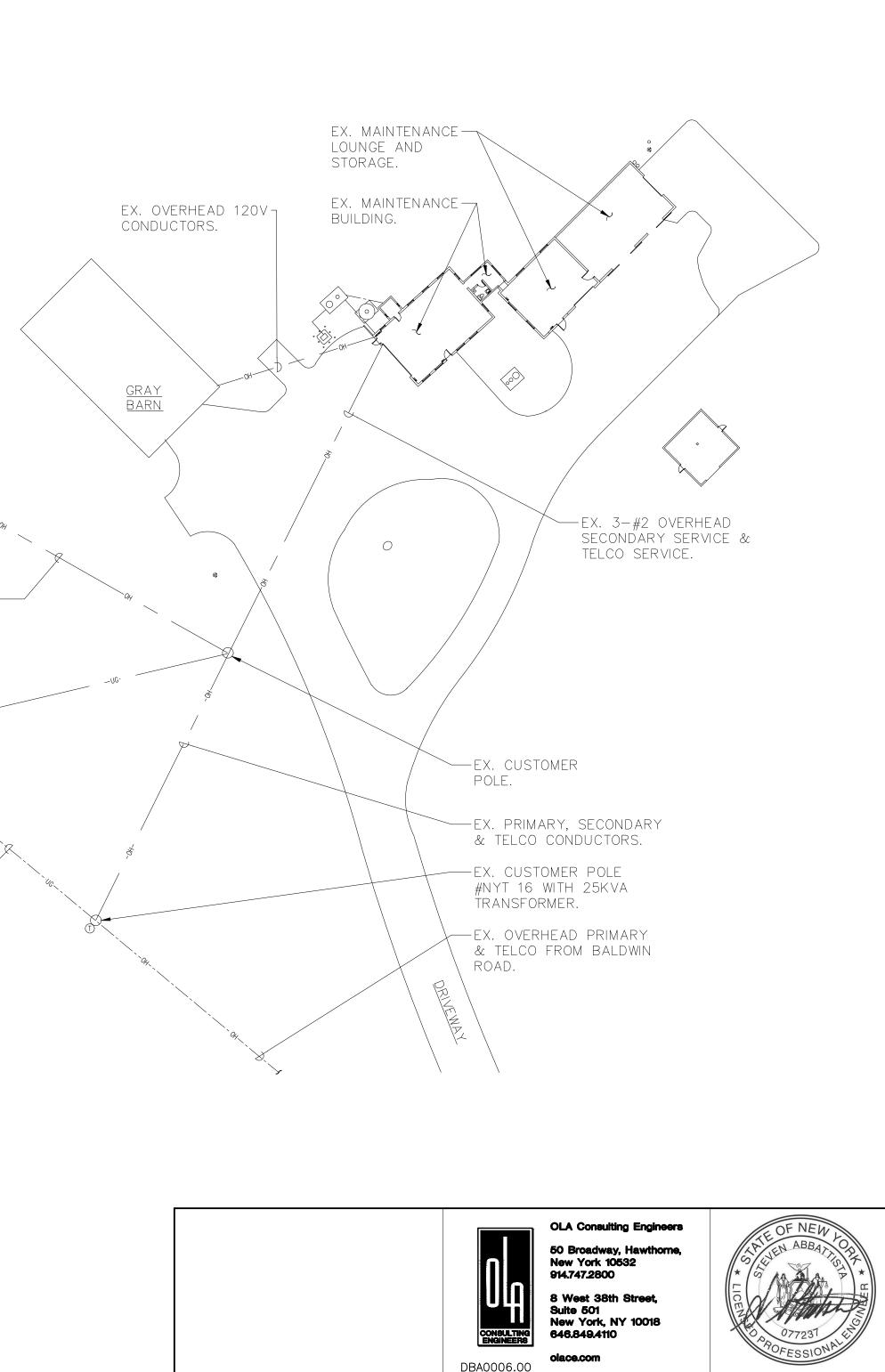
— EX. COUNTY CELL/RADIO TOWER COMPOUND.

— EX. PAD MOUNTED UTILITY TRANSFORMER.

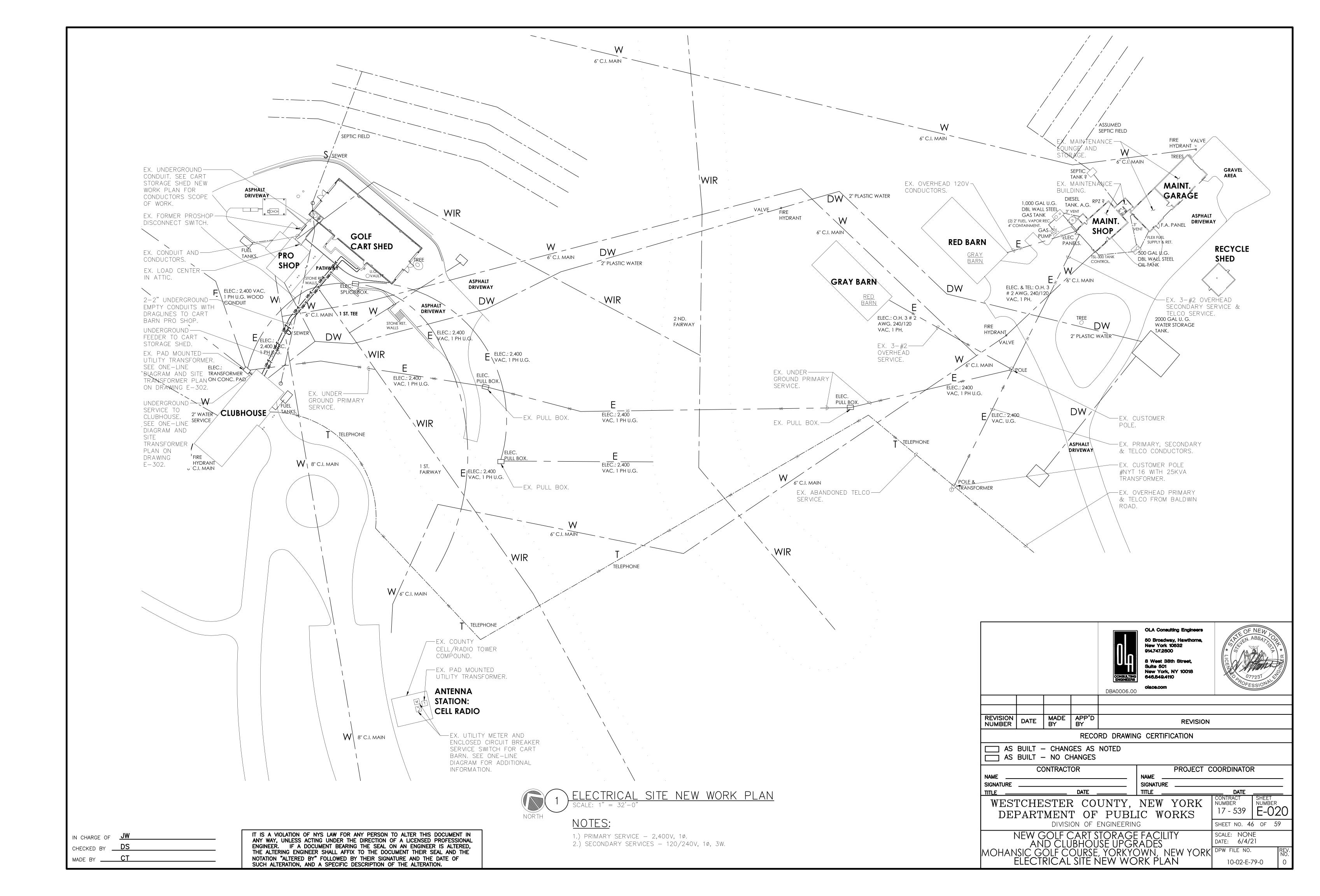
— EX. UTILITY METER AND ENCLOSED CIRCUIT BREAKER SERVICE SWITCH FOR CART BARN. SEE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.



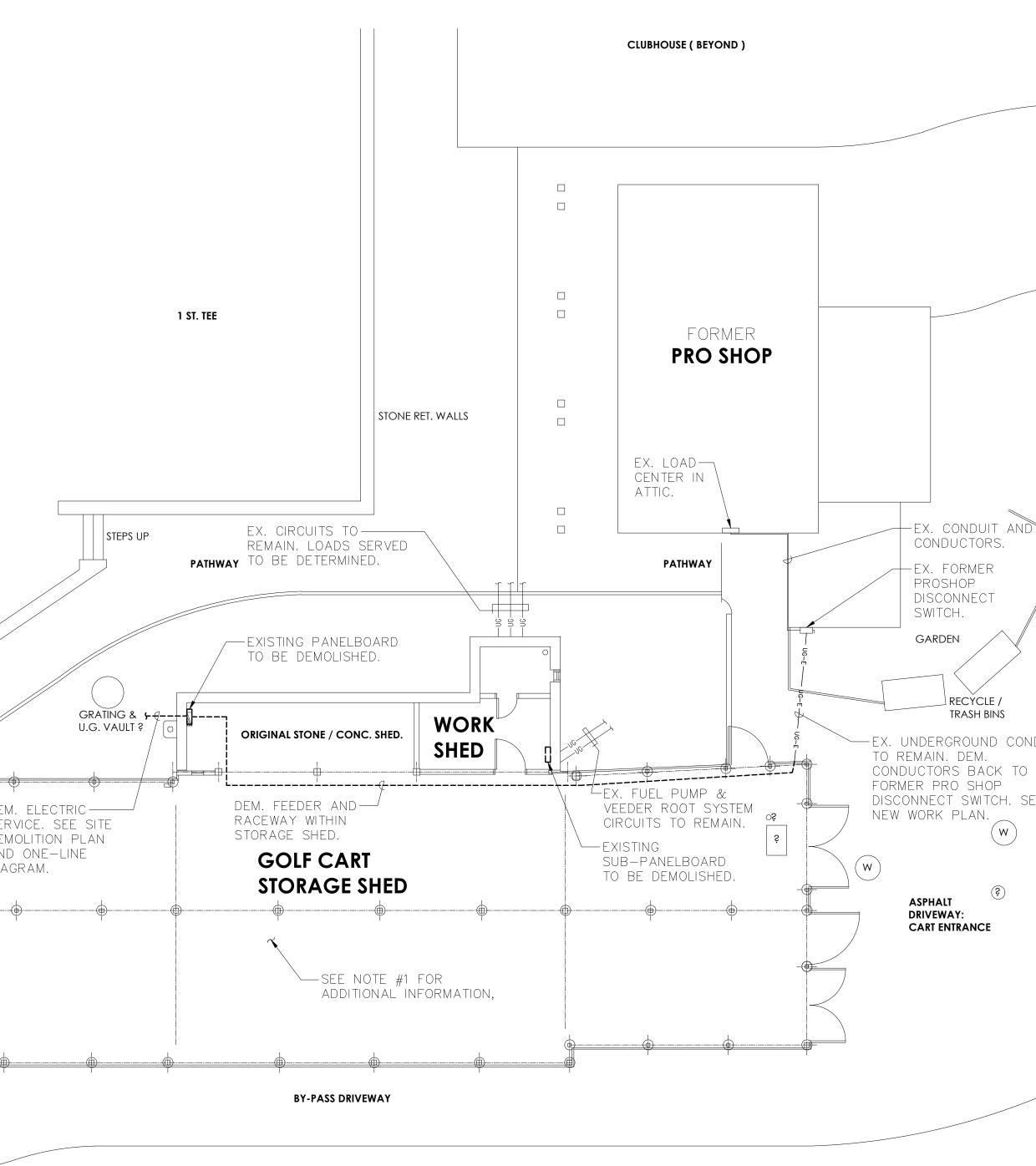
<u>NOTES:</u> 1.) PRIMARY SERVICE - 2,400V, 1Ø. 2.) SECONDARY SERVICES - 120/240V, 1ø, 3W.



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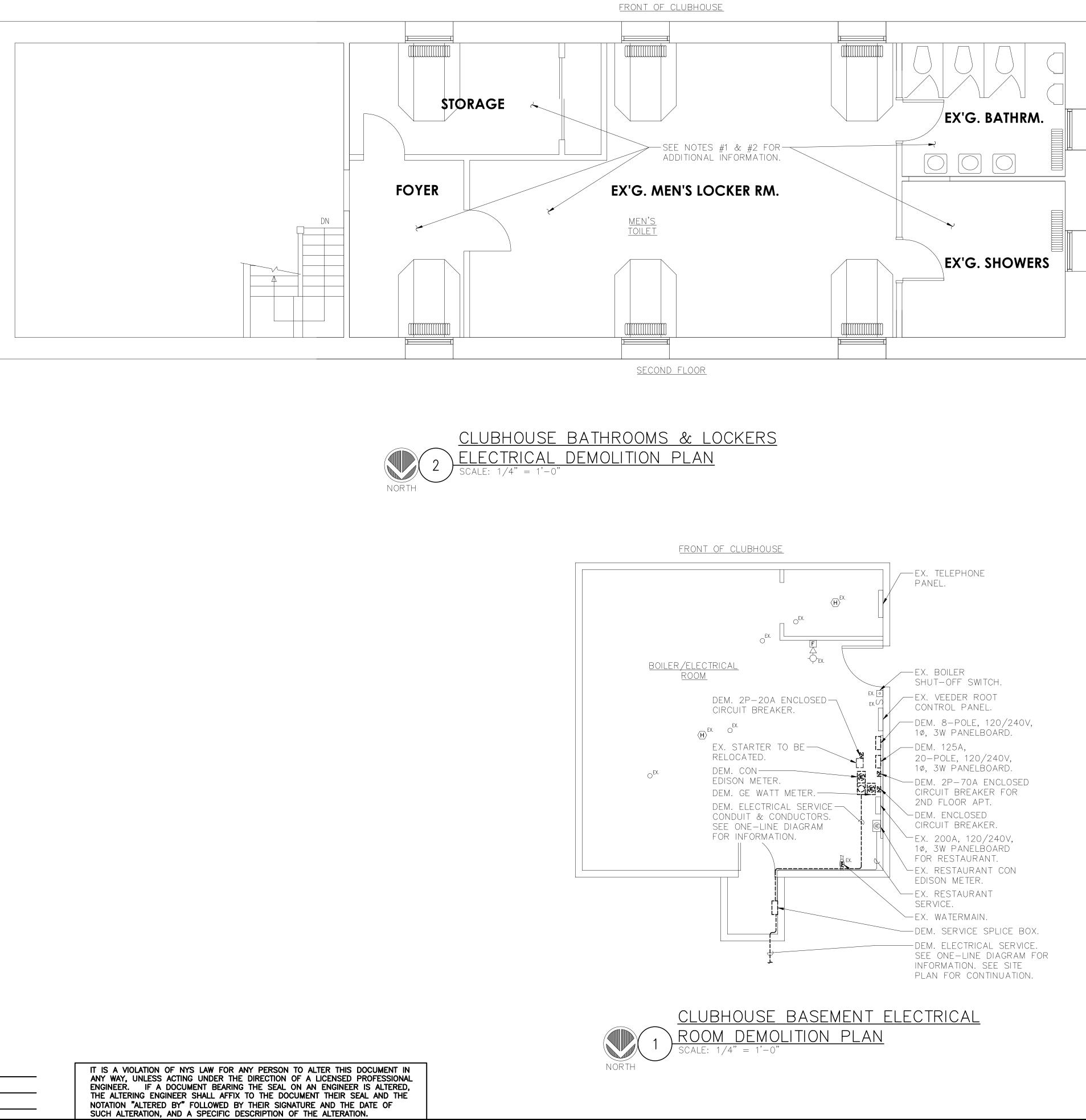


# <u>NOTES:</u>

1.) DEMOLISH ALL LIGHTING FIXTURES, LIGHT SWITCHES, SECURITY EQUIPMENT, RECEPTACLES AND CIRCUITRY BACK PANELBOARDS.

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# <u>NOTES:</u>

1.) DEMOLISH ALL LIGHTING FIXTURES, LIGHT SWITCHES, EXIT SIGNS, CEILING FANS, HAND DRYERS, EMERGENCY LIGHTS, AUTOMATIC FLUSH VALVES, SECURITY EQUIPMENT, RECEPTACLES AND CIRCUITRY BACK TO SOURCE.

2.) DEMOLISH ALL FIRE ALARM DEVICES. EXISTING FIRE ALARM CIRCUITS TO BE RE-UTILIZED.

3.) SEE DRAWING E-302 FOR DEMOLITION AND NEW WORK SITE PLAN FOR CLUBHOUSE UTILITY TRANSFORMER.

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# LIGHTING SYSTEM FUNCTIONAL TESTING/COMMISSIONING

I. FUNCTIONAL TESTING

PRIOR TO PASSING FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE EVIDENCE TO THE BUILDING OWNER AND THE ENGINEER THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S DOCUMENTS. FUNCTIONAL TESTING, FOR THE APPLICABLE CONTROL TYPE, SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. OCCUPANT SENSOR CONTROLS

WHERE OCCUPANT SENSOR CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED:

- A. CERTIFY THAT THE OCCUPANT SENSOR HAS BEEN LOCATED AND AIMED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. B. FOR PROJECTS WITH SEVEN OF FEWER OCCUPANT SENSORS, EACH SENSOR SHALL BE
- TESTED. C. FOR PROJECTS WITH MORE THAN SEVEN OCCUPANT SENSORS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY. WHERE
- MULTIPLES OF EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY ARE PROVIDED, NOT LESS THAN 10 PERCENT, BUT IN NO CASE LESS THAN ONE, OF EACH COMBINATION SHALL BE TESTED UNLESS THE BUILDING OFFICIAL OR DESIGN PROFESSIONAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED CONTROLS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.

FOR OCCUPANT SENSOR CONTROLS TO BE TESTED, VERIFY THE FOLLOWING:

i. WHERE OCCUPANT SENSOR CONTROLS INCLUDE STATUS INDICATORS, VERIFY

- CORRECT OPERATION.
- ii. THE CONTROLLED LIGHTS TURN OFF OR DOWN TO THE PERMITTED LEVEL WITHIN THE REQUIRED TIME. iii. FOR AUTO-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON TO THE PERMITTED
- LEVEL WHEN AN OCCUPANT ENTERS THE SPACE. iv. FOR MANUAL-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON ONLY WHEN
- MANUALLY ACTIVATED. v. THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY
- HVAC OPERATION.
- 2. TIME-SWITCH CONTROLS

WHERE TIME-SWITCH CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED:

- A. CONFIRM THAT THE TIME-SWITCH CONTROL IS PROGRAMMED WITH ACCURATE WEEKDAY, WEEKEND AND HOLIDAY SCHEDULES.
- B. PROVIDE DOCUMENTATION TO THE OWNER OF TIME-SWITCH CONTROLS PROGRAMMING INCLUDING WEEKDAY, WEEKEND, HOLIDAY SCHEDULES, AND SET-UP AND PREFERENCE PROGRAM SETTINGS.
- C. VERIFY THE CORRECT TIME AND DATE IN THE TIME SWITCH.
- D. VERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED.
- E. VERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2 HOURS.
- F. SIMULATE OCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING: i. ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA CONTROL SWITCH.
  - II. THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH THE SWITCH IS LOCATED.
- G. SIMULATE UNOCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:
  - i. NONEXEMPT LIGHTING TURNS OFF. ii. MANUAL OVERRIDE SWITCH ALLOWS ONLY THE LIGHTS IN THE ENCLOSED SPACE WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON OR REMAIN ON UNTIL THE NEXT
- 3. DAYLIGHT RESPONSIVE CONTROLS

SCHEDULED SHUTOFF OCCURS.

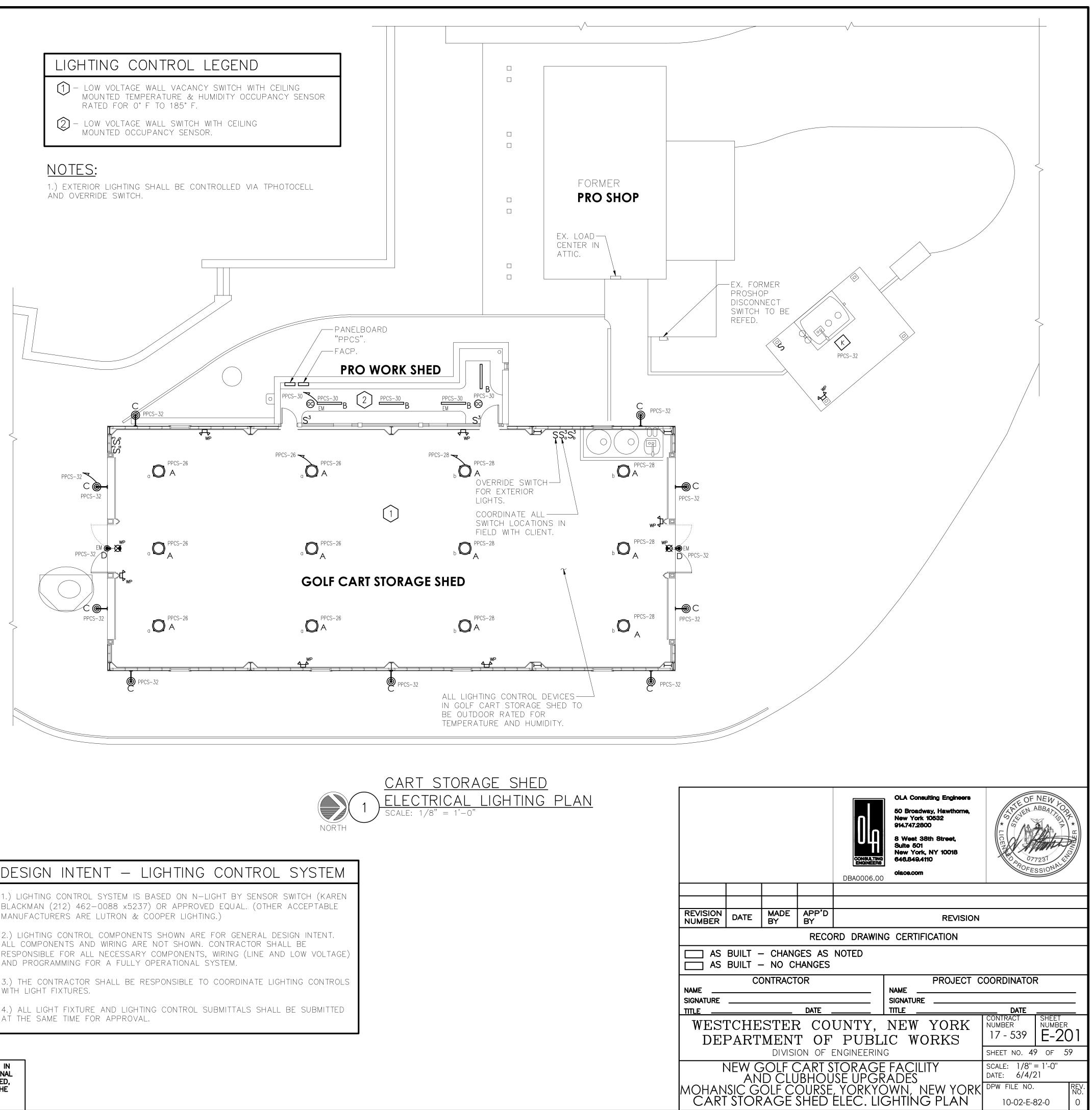
WHERE DAYLIGHT RESPONSIVE CONTROLS ARE PROVIDED, THE FOLLOWING SHALL BE VERIFIED:

- A. CONTROL DEVICES HAVE BEEN PROPERLY LOCATED, FIELD CALIBRATED AND SET FOR
- ACCURATE SET POINTS AND THRESHOLD LIGHT LEVELS. B. DAYLIGHT CONTROLLED LIGHTING LOADS ADJUST TO LIGHT LEVEL SET POINTS IN RESPONSE
- TO AVAILABLE DAYLIGHT. C. THE CALIBRATION ADJUSTMENT EQUIPMENT IS LOCATED FOR READILY ACCESS ONLY BY AUTHORIZED PERSONNEL.
- II. DOCUMENTATION REQUIREMENTS

THE DOCUMENTS DESCRIBED IN THIS SECTION SHALL BE PROVIDED TO THE BUILDING OWNER OR OWNER'S AUTHORIZED AGENT WITHIN 60 DAYS OF THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.

- A. DRAWINGS:
- i. AS-BUILT CONSTRUCTION DOCUMENTS, SHOWING THE LOCATION AND CATALOG NUMBER OF EACH PIECE OF EQUIPMENT. B. MANUALS: AN OPERATING AND MAINTENANCE MANUAL SHALL BE PROVIDED AND INCLUDE
- THE FOLLOWING: i. NAME AND ADDRESS OF NOT LESS THAN ONE SERVICE AGENCY FOR INSTALLED EQUIPMENT.
- ii. A NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING
- RECOMMENDED SET POINTS. iii. SUBMITTAL DATA INDICATING ALL SELECTED OPTIONS FOR EACH PIECE OF LIGHTING
- EQUIPMENT AND LIGHTING CONTROLS. iii. OPERATION AND MAINTENANCE MANUALS FOR EACH PIECE OF LIGHTING EQUIPMENT.
- REQUIRED ROUTINE MAINTENANCE ACTIONS, CLEANING AND RECOMMENDED RELAMPING SHALL BE CLEARLY IDENTIFIED. iv. A SCHEDULE FOR INSPECTING AND RECALIBRATING ALL LIGHTING CONTROLS.
- C. REPORT: A REPORT OF TEST RESULTS SHALL BE PROVIDED AND INCLUDE THE FOLLOWING. i. RESULTS OF FUNCTIONAL PERFORMANCE TESTS.
- ii. DISPOSITION OF DEFICIENCIES FOUND DURING TESTING, INCLUDING DETAILS OF
- CORRECTIVE MEASURES USED OR PROPOSED.

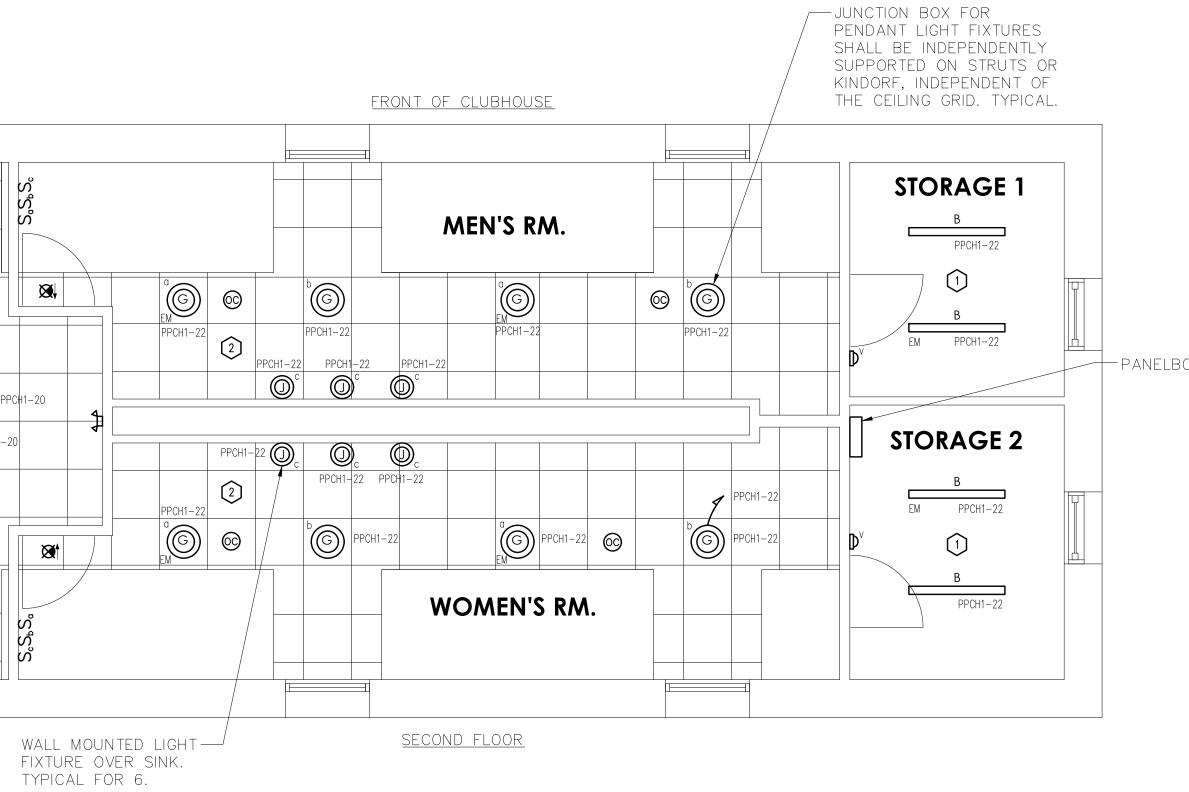
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		 SUCH ALTERATION. AND A SPECIFIC DESCRIPTION OF THE ALTERATION



DESIGN INTENT - LIGHTING CONTROL SYSTEM
1.) LIGHTING CONTROL SYSTEM IS BASED ON N-LIGHT BY SENSOR SWITCH (KAREN BLACKMAN (212) 462-0088 x5237) OR APPROVED EQUAL. (OTHER ACCEPTABLE MANUFACTURERS ARE LUTRON & COOPER LIGHTING.)
2.) LIGHTING CONTROL COMPONENTS SHOWN ARE FOR GENERAL DESIGN INTENT. ALL COMPONENTS AND WIRING ARE NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY COMPONENTS, WIRING (LINE AND LOW VOLTAGE) AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM.
3.) THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE LIGHTING CONTROLS WITH LIGHT FIXTURES.
4.) ALL LIGHT FIXTURE AND LIGHTING CONTROL SUBMITTALS SHALL BE SUBMITTED AT THE SAME TIME FOR APPROVAL.



			ALL EQUIPMENT ON THIS WALL SHALL BE RECESSED MOUNTED. TYPICAL.	
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# <u>CLUBHOUSE BATHROOMS & LOCKERS</u> <u>ELECTRICAL LIGHTING PLAN</u> SCALE: 1/4" = 1'-0"



# LIGHTING CONTROL LEGEND

- (1) Wall switch vacancy sensor.
- 2 LOW VOLTAGE WALL SWITCH WITH CEILING MOUNTED OCCUPANCY SENSOR.
- Imme clock w/occupancy sensor control after hours.

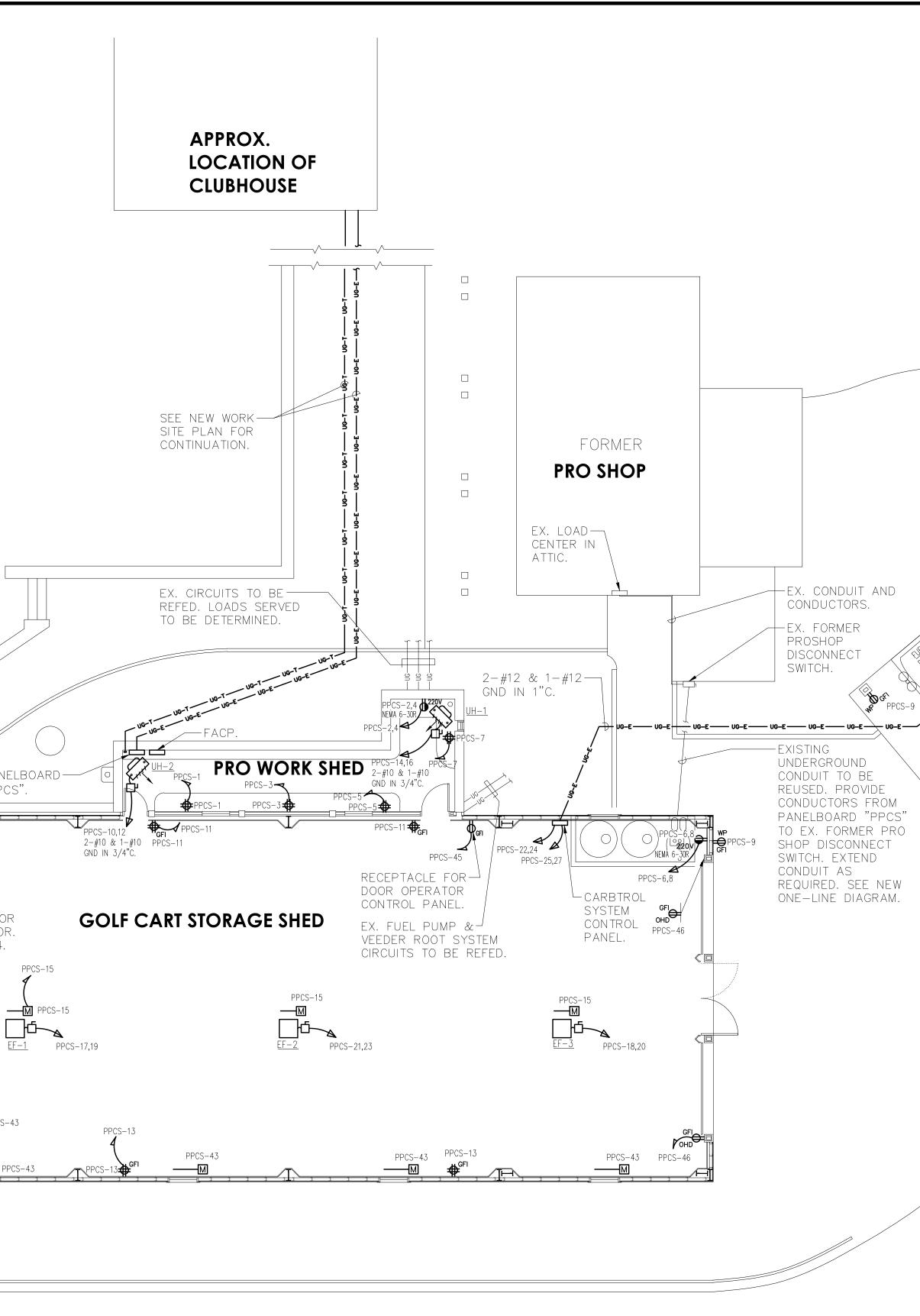
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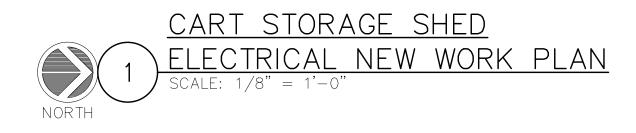
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1.) REFER TO DESIGN INTENT - LIGHTING CONTROL SYSTEM AND LIGHTING SYSTEM FUNCTIONALITY TESTING/COMMISSIONING ON DRAWING E-201.

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# <u>NOTES:</u>

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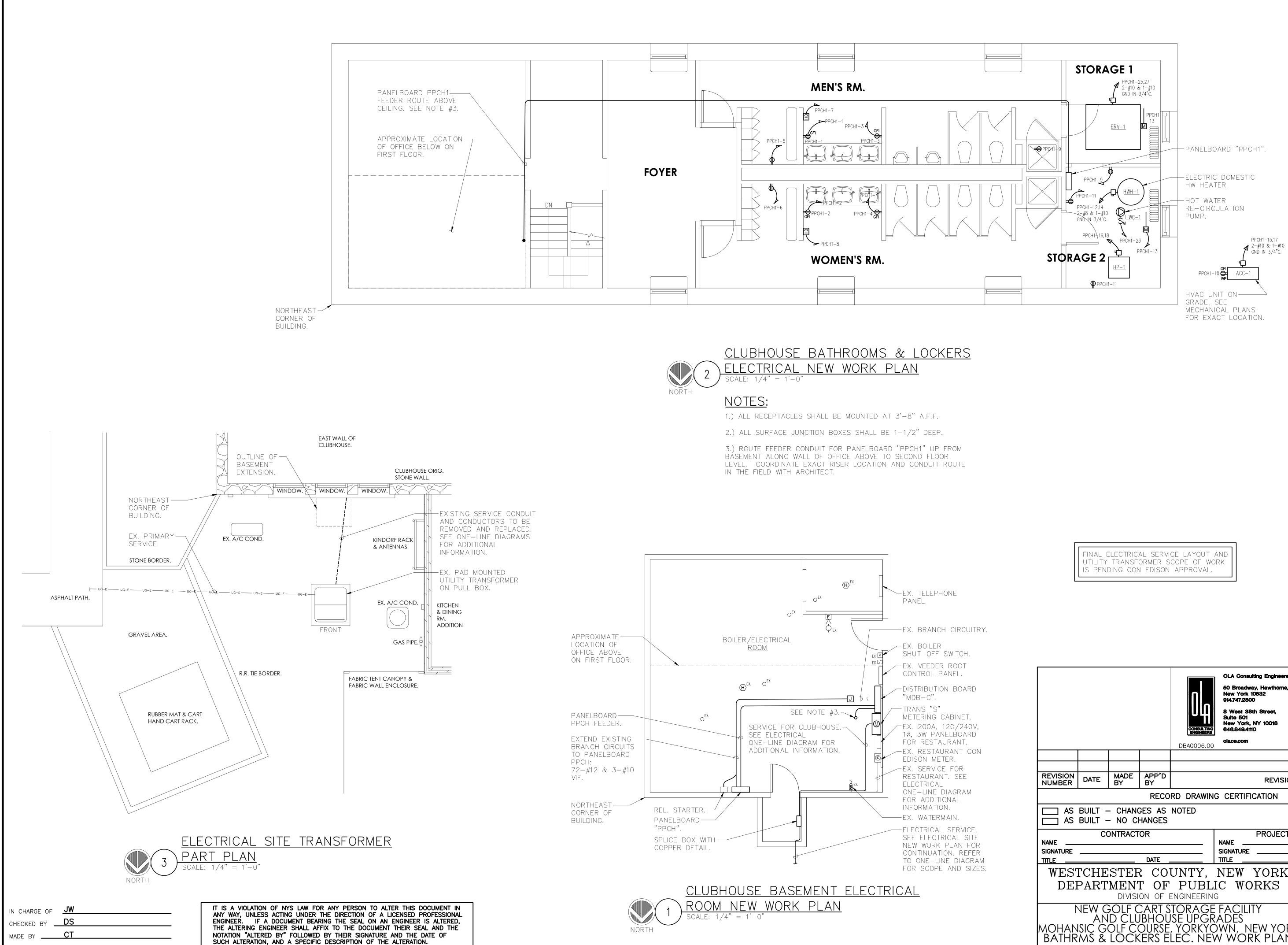
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PUMP. SEE NOTE

- 1.) ALL RECEPTACLES SHALL BE MOUNTED AT 3'-8" A.F.F. UON.
- 2.) ALL SURFACE JUNCTION BOXES SHALL BE 1-1/2" DEEP.

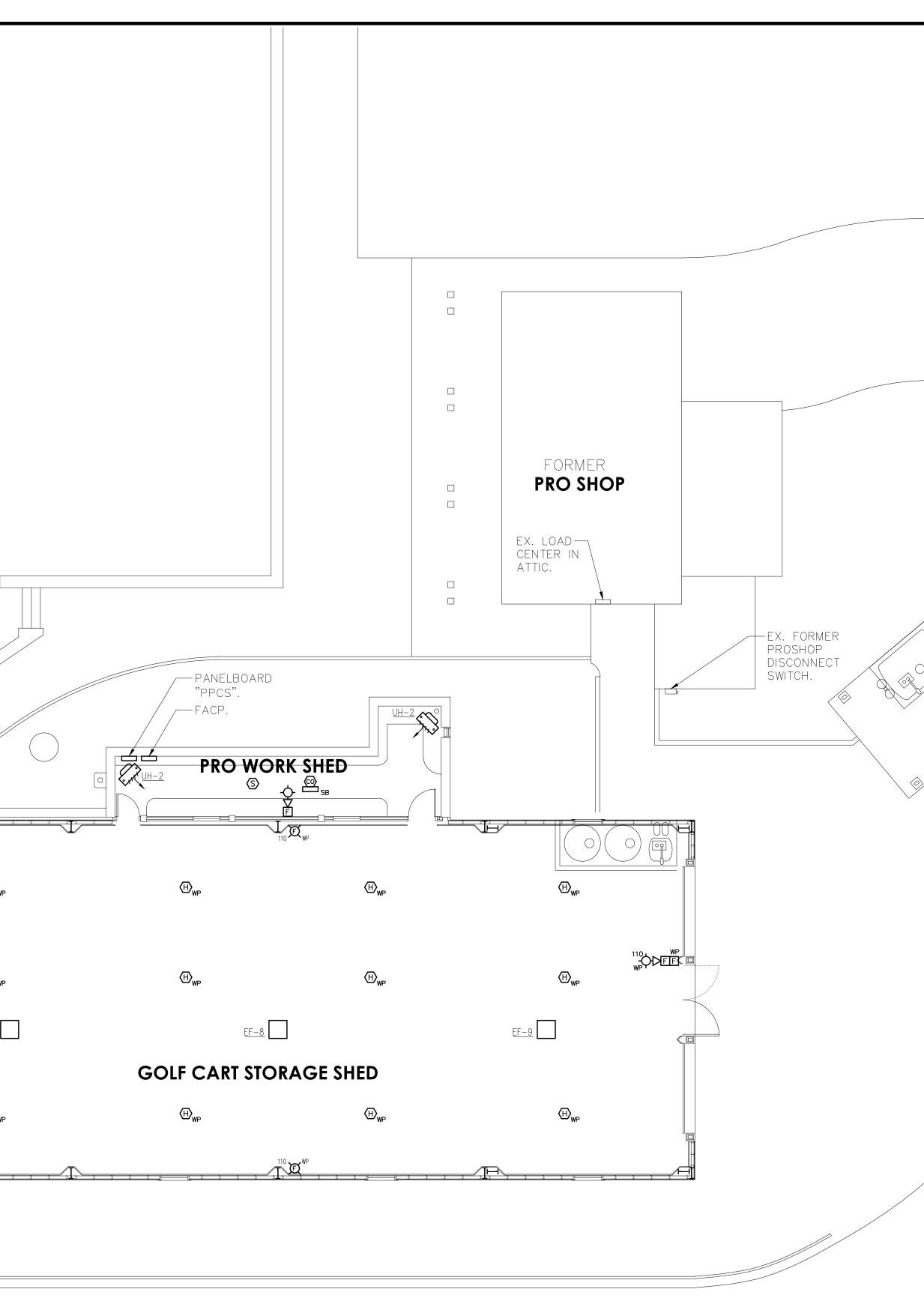
3.) REFER TO CARBTROL DRAWINGS FOR ADDITIONAL INFORMATION ON SYSTEM AND WIRING DIAGRAM.

**OLA Consulting Engineers** OF NEL 50 Broadway, Hawthorn New York 10532 914.747.2800 8 West 38th Street Suite 501 New York, NY 10018 646.849.4110 CONSULTING ENGINEERS olace.com DBA0006.00 REVISION NUMBER DATE MADE APP'D BY BY REVISION RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES CONTRACTOR PROJECT COORDINATOR NAME NAME SIGNATURE SIGNATURE ONTRACT NUMBER DATE TITLE TITLE SHEET NUMBER E-301 WESTCHESTER COUNTY, NEW YORK 17 - 539 DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING SHEET NO. 51 OF 59 NEW GOLF CART STORAGE FACILITY AND CLUBHOUSE UPGRADES MOHANSIC GOLF COURSE, YORKYOWN, NEW YORK CART STORAGE SHED ELEC. NEW WORK PLAN SCALE: 1/8" = 1'-0" DATE: 6/4/21 10-02-E-84-0



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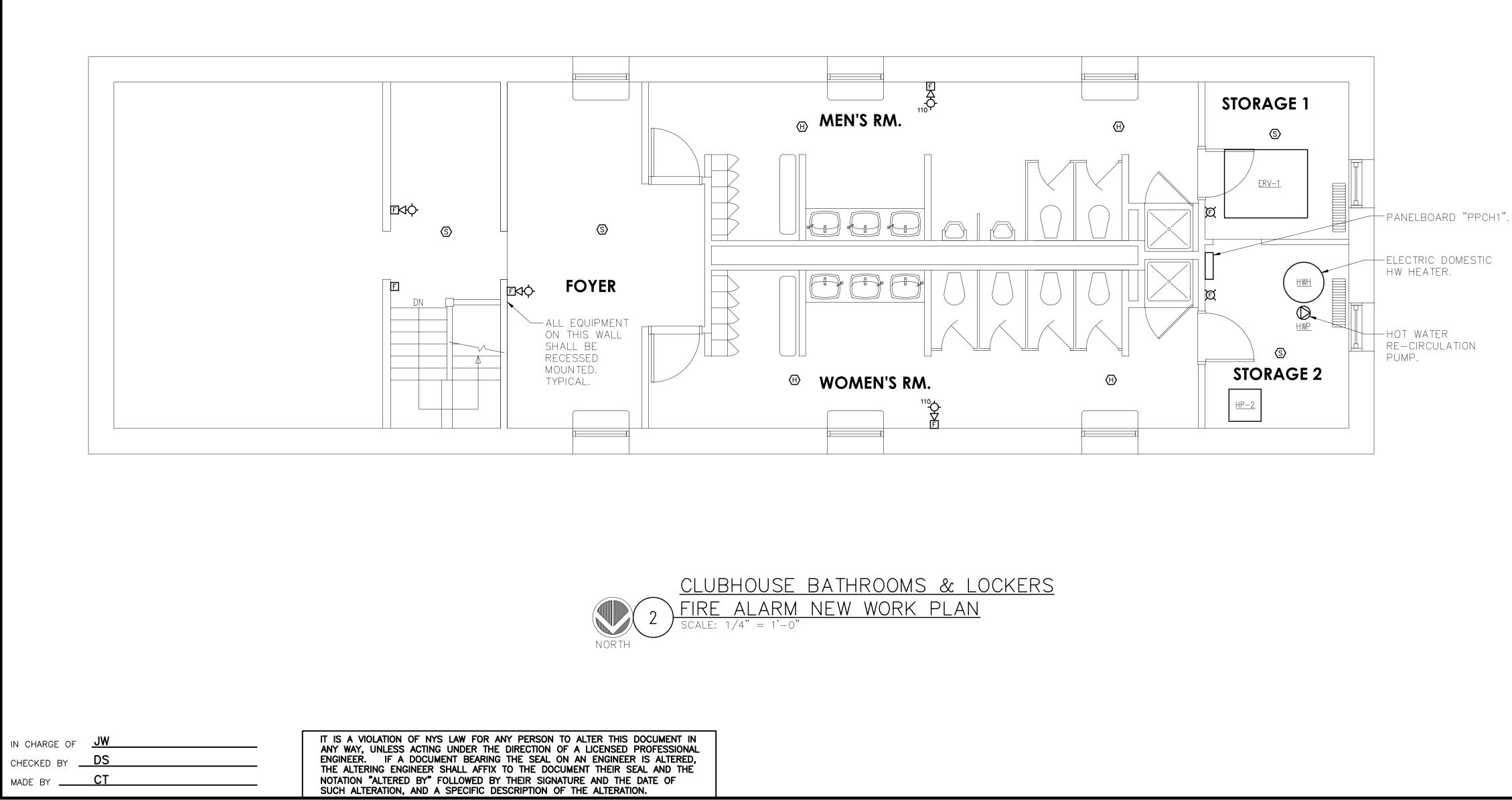
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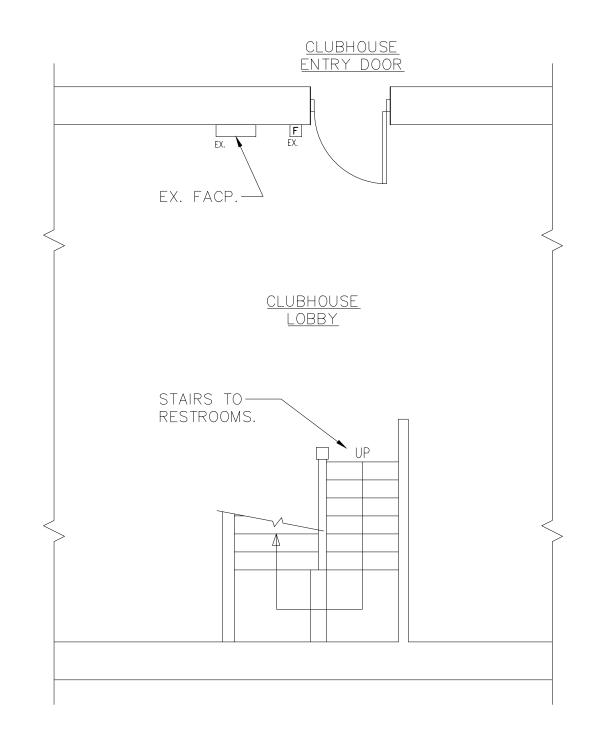






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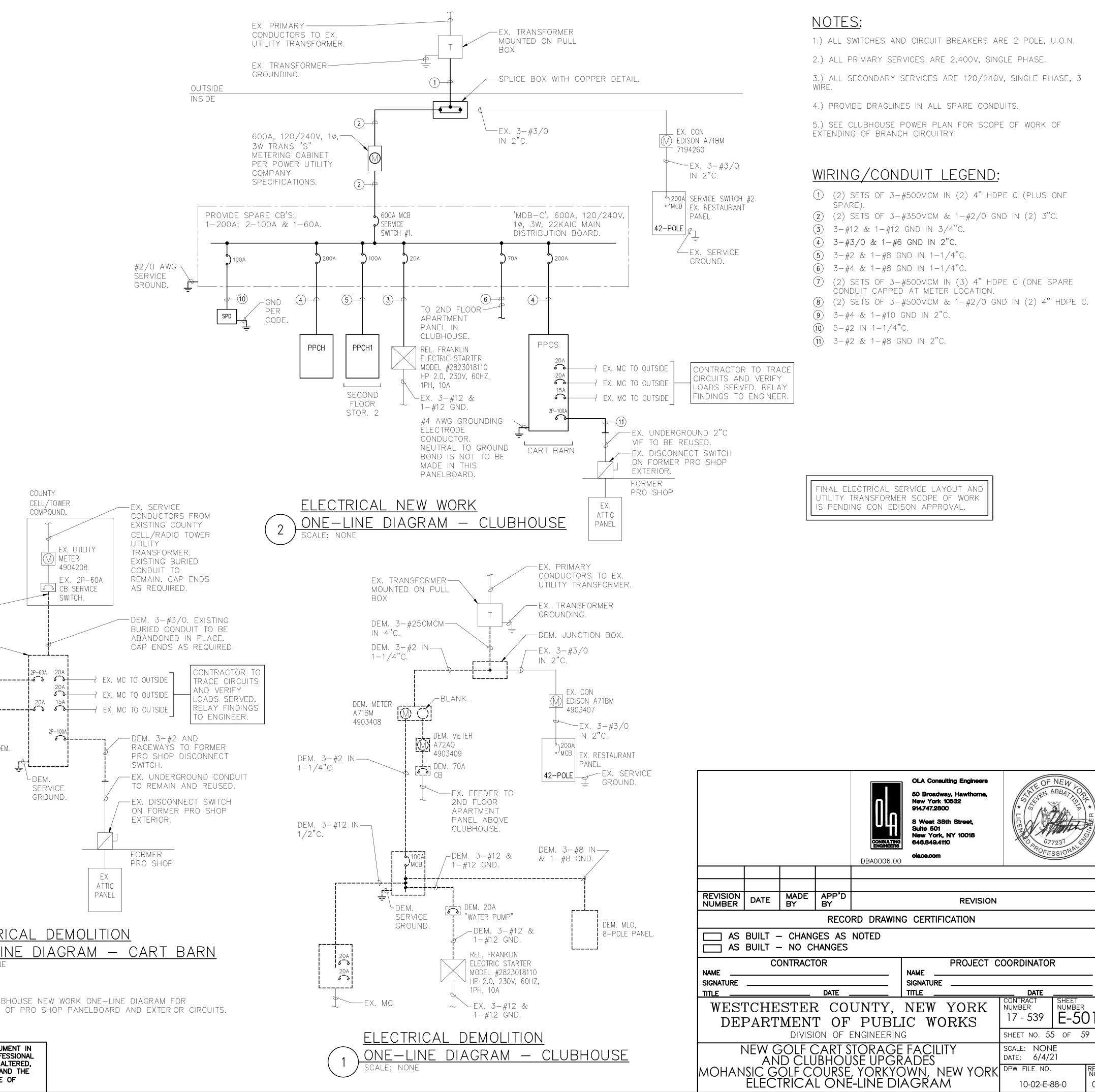






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	CUT CONDUIT DOWN TO 1'-0" AGL AND CAP.
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	DEM. 3-#12
	DEM. BRANCH CIRCUIT.
	EX. BRANCH CIRCUITS TO FUEL PUMP AND VEEDER ROOT SYSTEM.
	3 <u>ELECTRIC</u> <u>ONE-LINE</u> SCALE: NONE
	<u>NOTE</u> : 1.) see clubhoi re-feeding of
IN CHARGE OF <u>JW</u> CHECKED BY <u>DS</u> MADE BY <u>CT</u>	IT IS A VIOLATION OF NYS LAW FOR ANY PERSON TO ALTER THIS DOCUMENT ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSION ENGINEER. IF A DOCUMENT BEARING THE SEAL ON AN ENGINEER IS ALTER THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



SCALE: NONE

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CENTRAL STATION RUN. BATTERY —

CART\_STORAGE Shed

# **RISER NOTES:**

1.) THIS IS NOT A POINT-TO-POINT WIRING DIAGRAM. PRIOR TO STARTING ANY WORK, A WORKING POINT-TO-POINT WIRING DÍAGRAM SHALL BE OBTAINED FROM FIRE ALARM SYSTEM VENDOR AND PERFORM ALL WORK IN ACCORDANCE WITH THAT DIAGRAM.

2.) ELECTRICAL CONTRACTOR SHALL INCLUDE IN THE BASE BID ALL 120V CIRCUITS THAT ARE REQUIRED TO SUPPORT THE OPERATION OF THE FIRE ALARM SYSTEM. COORDINATE REQUIREMENTS WITH THE FIRE ALARM VENDOR.

5.) PROVIDE ALL NECESSARY HARDWARE AND PROGRAMMING TO PROVIDE THE CLIENT WITH 20% SPARE CAPACITY ON ALL INITIATING AND INDICATING CIRCUITS.

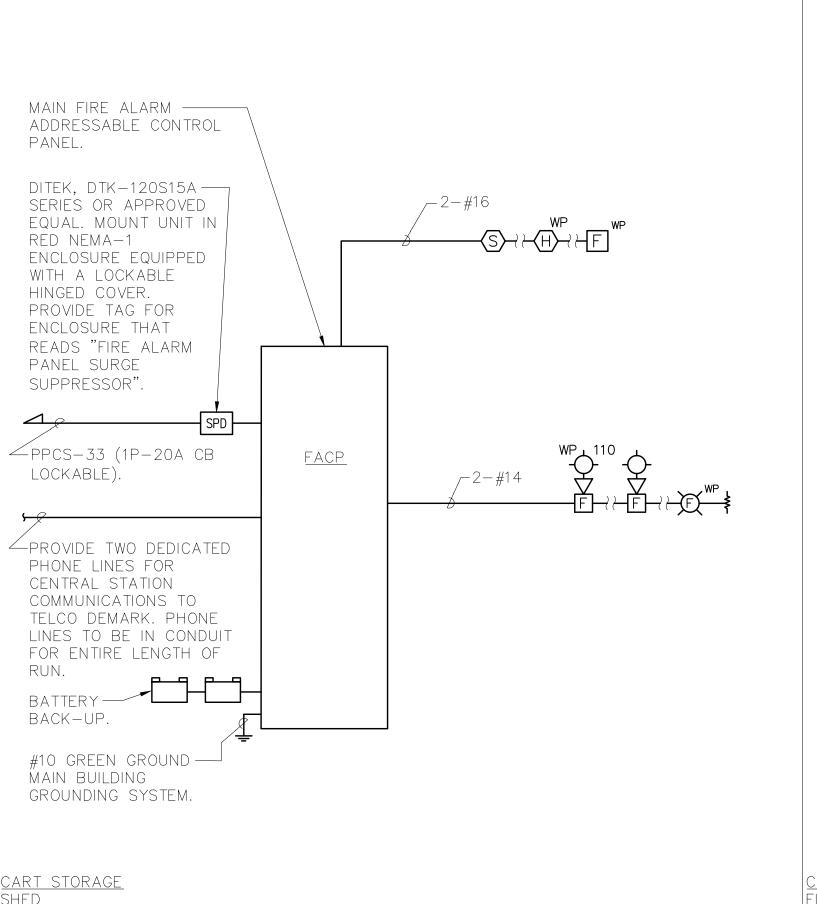
6.) PROVIDE AS PART OF THE BASE CONTRACT ALL LABOR AND MATERIALS TO INSTALL FIFTEEN (15) ADDITIONAL FIRE ALARM DEVICES DURING CONSTRUCTION. THE ADDITIONAL FIRE ALARM DEVICES CAN BE BUT NOT LIMITED TO SMOKE DETECTOR, HEAT DETECTOR, DOOR HOLDER, DUCT DETECTOR, FAN SHUTDOWN, TAMPER SWITCHES, FLOW SWITCHES, ETC. INCLUDE ALL LABOR AND MATERIALS INCLUDING WIRE, BOXES, CONDUIT, TERMINATIONS, HARDWARE, SOFTWARE, PROGRAMMING AND TESTING.

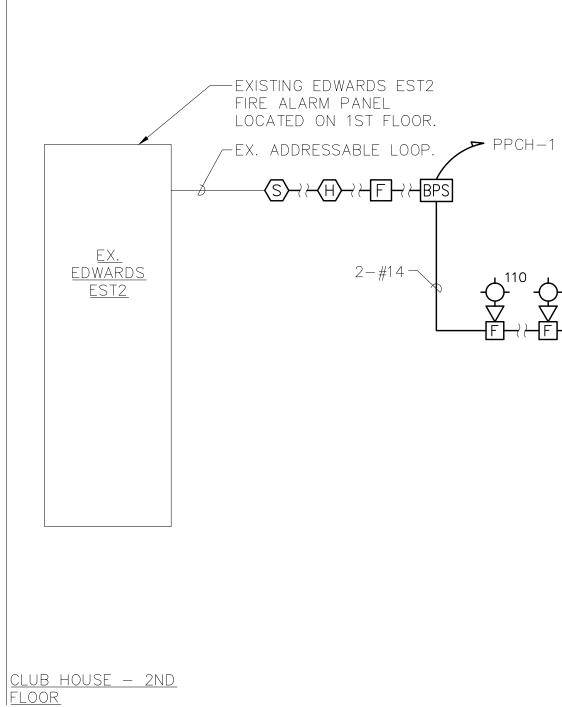
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### 1 FIRE ALARM RISER DIAGRAM SCALE: NONE

3.) QUANTITY OF STROBE BOOSTER POWER SUPPLY PANELS AND ASSOCIATED 120V CIRCUITS SHALL BE COORDINATED WITH SELECTED FIRE ALARM SYSTEM MANUFACTURER AND/OR FIRE ALARM VENDOR.

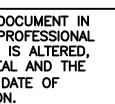
4.) PROVIDE ALL NECESSARY WIRING, MODULES, COMPONENTS, EXTENDER CABINET, AND PROGRAMMING REQUIRED TO CONNECT NÉW DEVICES TO EXISTING SYSTEM IN CLUBHOUSE.

7.) ALL VISUAL ALARM DEVICES SHALL BE ADA COMPLIANT.

8.) PROVIDE REMOTE LED INDICATORS FOR ALL CONCEALED FIRE ALARM DEVICES SUCH AS DUCT SMOKE DETECTORS, ABOVE CEILING SMOKE DETECTORS, ELEVATOR SHAFT DETECTORS, MONITORING AND CONTROL MODULES, ETC. LED INDICATORS FOR DEVICES MOUNTED ABOVE DROP CEILINGS SHALL BE MOUNTED BELOW ASSOCIATED DEVICES. LABEL INDICATORS TO INDICATE

9.) CONTRACTOR TO PROVIDE SMOKE DETECTOR(S) IN ALL LOCATIONS CONTAINING FIRE ALARM CONTROL PANELS, DATA GATHERING PANELS, BOOSTER POWER SUPPLIES, OR ANY OTHER FIRE ALARM SYSTEM PANEL, WHETHER SHOWN ON PLANS OR

10.) BATTERY BACKUP FOR FACP SHALL PROVIDE A MINIMUM OF 24 HOURS OF STAND BY POWER FOLLOWED BY 45 MINUTES



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**OLA Consulting Engineers** 

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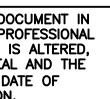
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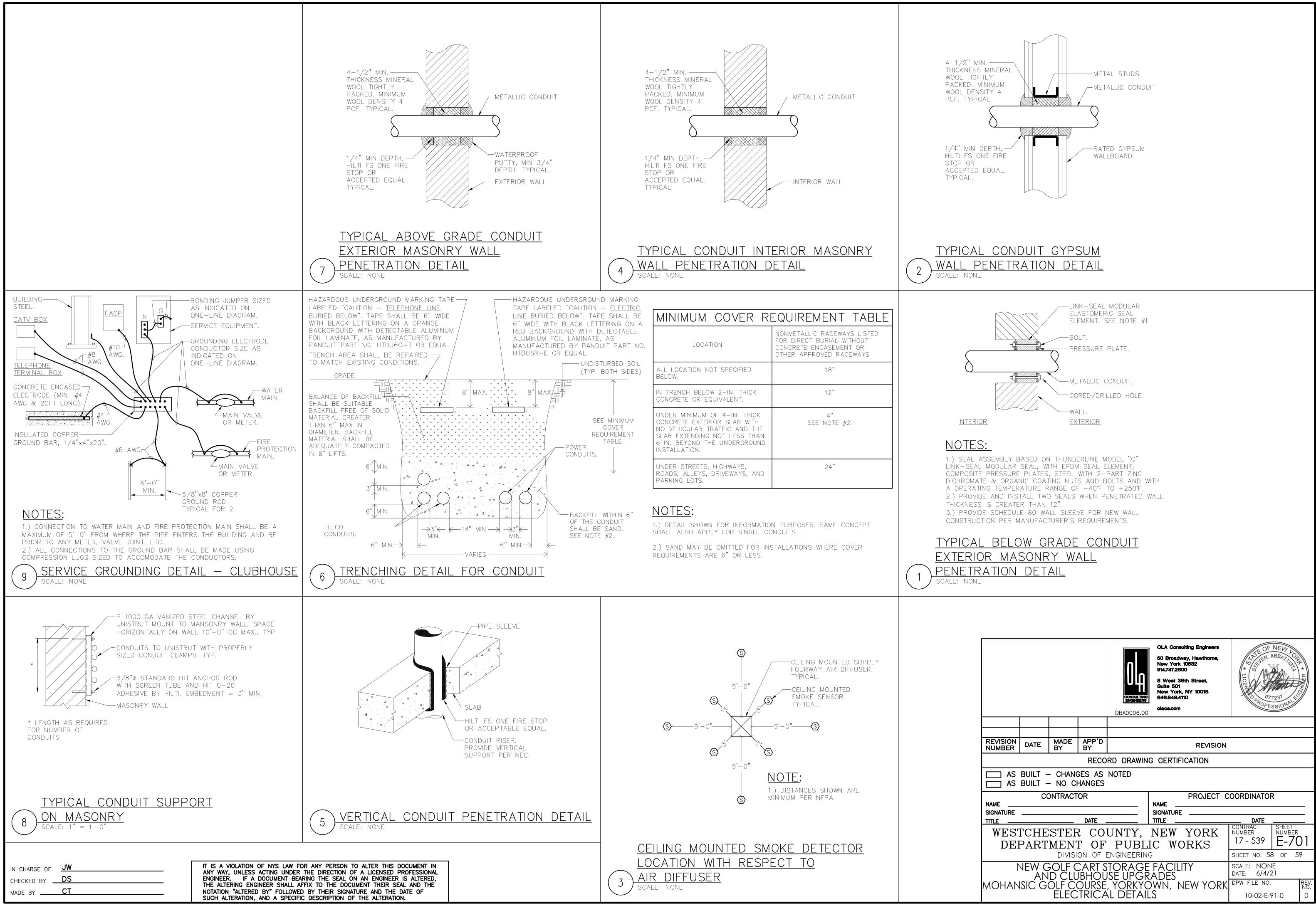
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IXTURE IGNATION	MANUFACTURER	CATALOG NUMBER	LAMPS	VOLTS	MOUNTING	REMARKS	MAIN RATING: <u>225A</u> MAIN C.B.: <u>MLO</u> KAIC RATING: <u>10KAIC</u>
$\mathbf{O}_{A}$	HUBBELL LIGHTING	UTB-4K-OP16-MO -1-ND-GR-CDL	(1) 168W LED	120V	SURFACE	16" DIAMETER STEM MOUNTED HIGH-BAY LED FIXTURE WITH OPAL PRISMATIC ACRYLIC REFRACTOR, ENCLOSED WITH CONICAL DROPPED BOTTOM LENS.	VOLTAGE:       120/240V       PHASE:       1       WIRE:       3       MOUNTING:       SURFACE         CIRC.       LOAD DESCRIPTION       BKR.       NO.       NO.       BKR.       LOAD DESCRIPTION
B	MERCURY LIGHTING	LW14-4-3800-30K -HTA-UNI-SR-EM10	(1) 32W LED	120V	SURFACE	4' SURFACE MOUNTED LED LINEAR STRIP. PROVIDE EM BATTERY PACK OPTION FOR 90 MINUTES OF BATTERY BACKUP AS REQUIRED.	NO.LOAD DESCRIPTIONAMPS POLESOF POLESOF POLESOF POLESOF POLESOF POLESICAD DESCRIPTION1FA BOOSTER POWER SUPPLY20LK1120EX. BURNER3EX. CIRC/PUMP302220EX. 1ST FL AC
<b></b>	ANP LIGHTING	W516-MO21LD-N -W-30K-RTC -WM35-51	(1) 25W LED	120V	SURFACE	16" EXTERIOR WALL MOUNTED FIXTURE WITH ALUMINUM SHADE , BRONZE FINISH AND ALUMINUM WALL MOUNT.	5     5     2     2     2     2     2     1     1       7     EX.HANDICAP HAND DRYER     20     1     1     20     EX. LOAD       9     EX. LOAD     20     2     1     15     EX. LOAD
<b>O</b>	ANP LIGHTING	LA600-2-FR-M009LD -N-T5-30K-EMG-51	(1) 11W LED	120V	SURFACE	EXTERIOR WALL MOUNTED JELLY JAR WITH CAST ALUMINUM HOUSING, BRONZE FINISH AND CAGED FROSTED GLASS GLOBE LENS. PROVIDE EM BATTERY PACK OPTION FOR 90 MINUTES OF BATTERY BACKUP AS REQUIRED.	11       11       11       15       11       15       15       16       17       10       17       10       17       10       17       10       17       10       17       10       17       10       17       10       17       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15       11       11       15 <td< td=""></td<>
©	OCL LIGHTING	SC1-P1AA-16-WG -PBR-LED1/30K -UNV-34-EMI	(1) 20W LED	120V	PENDANT	16" LED PENDANT/STEM MOUNTED SCHOOLHOUSE FIXTURE WITH OPAL/WHITE GLASS GLOBE. PROVIDE EM BATTERY PACK OPTION FOR 90 MINUTES OF BATTERY BACKUP AS REQUIRED.	21       EX. LOAD       15       1       1       20       EX. LOAD         23       EX. LOAD       15       1       1       20       EX. MC         25       EX. LOAD       20       1       1       20       EX. MC
Юн	REJUVINATION LIGHTING	A2505 MELLOW	(1) 23W CFL GU24 BASE	120V	PENDANT	18" DIAMETER 3 HOOK/PENDANT MOUNTED SUSPENDED FIXTURE, SATIN BRASS FINISH WITH OPAL/WHITE GLASS GLOBE.	27       EX. LOAD       20       1       2       20       EX. LOAD         29       EX. LOAD       20       1       -       -       -         31       EX. LOAD       15       1       -       -       -         33       EX. LOAD       15       1       -       -       -
0	REJUVINATION LIGHTING	A8805 TURNER	(1) 60W INC.	120V	SURFACE	WALL MOUNTED SCONCE WITH J HOOK ARM, SATIN BRASS FINISH WITH OPAL/WHITE GLASS GLOBE.	35     EX. LOND     10     1     1     20       35     SPARE     20     1     1     20     SPARE       37     SPARE     20     1     1     20     SPARE       39     SPARE     20     1     1     20     SPARE
K	RAB LIGHTING	VANLED10	(1) 13W LED	120V	SURFACE	SURFACE MOUNTED CANOPY LIGHT FIXTURE SUITABLE FOR WET LOCATIONS.	41SPARE20120SPARELK - PROVIDE LOCKING TABS ON C.B.;GF - GFI TYPE C.B.;AF - ARC FAULT TYPE C.B.;ST - SHUNT TRIP C.B.
	DUAL LITE	LXURWE	LED	120V	SURFACE	EXIT SIGN WITH 90 MINUTES OF BATTERY BACKUP TIME, MIN., RED LETTERING ON WHITE BACKGROUND, WHITE THERMO PLASTIC HOUSING, SEALED NICKEL CADMIUM BATTERY. PROVIDE CHEVRONS AS INDICATED ON DRAWINGS.	NOTES:
X WP	SURE-LITES	UMX SERIES	(2) F6T5 (NORMAL) (2) 6W, DC (EMERGENCY)	120V	SURFACE	EXIT SIGN WITH 90 MINUTES OF BATTERY BACKUP TIME, MIN. RED LETTERING ON WHITE BACKGROUND, CORROSION RESISTANT FIBERGLASS HOUSING, WET LOCATION LABELED, 6 VOLT SEALED NICKEL CADMIUM BATTERIES, PROVIDE CHEVRONS AS INDICATED ON DRAWINGS.	
	SURE-LITES	AA8	(2) 7.2W PAR36	120V	SURFACE	WALL MOUNTED EMERGENCY BATTERY LIGHT FIXTURE WITH 90 MINUTES OF BATTERY BACKUP TIME, MIN., STEEL HOUSING, WHITE FINISH, 6 VOLT SEALED NICKEL CADMIUM BATTERY.	PPCH1       PANEL       SCHEDULE         MAIN RATING: 125A       MAIN C.B.: 100A       KAIC RATING: 10KAIC         VOLTAGE: 120/240V       PHASE: 1       WIRE: 3       MOUNTING: SURFACE
₩P	LIGHTONIA LIGHTING	IND618-W-ULT	(2) 9W KRYPTON	120V	SURFACE	WALL MOUNTED EMERGENCY BATTERY LIGHT FIXTURE WITH 90 MINUTES OF BATTERY BACKUP TIME, MIN., INJECTION-MOLDED THERMOPLASTIC HOUSING, 6 VOLT LEAD ACID BATTERY, RATED FOR OUTDOOR USE -40°F TO 131°F.	CIRC. NO.LOAD DESCRIPTIONBKR. AMPSNO. OF POLESNO. OF POLESNO. BKR. AMPSLOAD DESCRIPTION1RECP MEN'S RM201120RECP WOMEN'S RM
ALL FLU D) OF 10 ALL BAL FIXTURES LIGHT FI BALLAS EMERGE	ALL FIXTURE CATA ORESCENT FIXTUR % OR LESS. LASTS IN FIXTUR 3. XTURES INDICATE T SHALL BE INTE NCY BATTERY BA	ES LOCATED OUTDOORS D AS EMERGENCY (EM) RNAL TO FIXTURE WITH ALLAST IN THE FIXTURE	GH EFFICIENCY SHALL BE ZEF ON DRAWINGS A VISUAL INDI , THE CONTRAC	ELECTROI RO DEGRI SHALL C CATING ( CTOR SHA	NIC BALLASTS EE RATED STA CONTAIN AN EI CHARGE LAMP ALL FURNISH &	ACCESSORIES. AND SHALL HAVE A TOTAL HARMONIC DISTORTION RTING TEMPERATURE. REFER TO DRAWINGS FOR LOCATION MERGENCY BATTERY BACK-UP BALLAST WHERE POSSIBLE AND TEST SWITCH. IF IT IS NOT POSSIBLE TO INSTALL (INSTALL A REMOTE EMERGENCY BALLAST. EACH NORMAL CONDITIONS AND IN THE EVENT OF A POWER	3       RECP MEN'S RM       20       1       1       20       RECP WOMEN'S RM         5       RECP MEN'S RM       20       1       1       20       RECP WOMEN'S RM         7       HAND DRYER       20       1       1       20       HAND DRYER         9       RECP STORAGE 1 & 2       20       1       1       20       RECP WOMEN'S RM         11       RECP STORAGE 2       20       1       1       20       RECP WP/GFI EXTR NR ACC-         11       RECP STORAGE 2       20       1       1       20       RECP WP/GFI EXTR NR ACC-         13       MOTORIZED DAMPERS       15       1       2       35       HWH-1         15       ACC-1       30       2       2       15       HP-1         17       19       HVAC CONTROL PANEL       20       1       1       20       LTS FOYER RESTROOMS
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