

YMCA GILMORE HOUSE



DAYCARE

Renovation/Expansion

Project Status: 100% CD SET

July 21, 2023

ARCHITECTURAL		
AO.00	•	
CIVIL		
C2.1.1	PROPOSED SITE MODIFICATIONS	•
C4.1.1	SITE DETAILS	•

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L3.0	PLAYGROUND MATERIALS PLAN	•	
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SCHEMATIC DESIGN HVAC FLOOR PLAN AND DUCT WORK

PLUMBING		
PO.01	PLUMBING LEGEN, NOTES, SCHEDULE, SPECS	•
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TABULATED (TABLE 1004.1.2)

175 SQ FT / 35 NET = 5 CHILDREN, 2 ADULTS

PRESCHOOL 3/4 COMBINED

587 SQ FT / 35 NET = 16 CHILDREN, 2 ADULTS

456 SQ FT / 35 NET = (13) 9 TODDLERS PER EEC LICENSING REGULATIONS, 2 ADULTS

145 SQ FT / 100 GROSS = 1 OCCUPANT

TOTAL (TABULATED) OCCUPANTS = 37

NOTE: SQUARE FOOTAGE NUMBERS ARE PROVIDED FOR OCCUPANT CALCULATIONS ONLY.

<u>ACTUAL (606 CMR 7)</u>

INFANTS (0-15 MONTHS) X I I TEACHER 3 CHILDREN

PRESCHOOL 3/4 COMBINED

2 TEACHERS 14 CHILDREN

TODDLER ROOM 2 TEACHERS II CHILDREN

I SITE DIRECTOR 2 ASSISTANT STAFF

TOTAL (ACTUAL) OCCUPANTS = 8 STAFF + 28 CHILDREN = 36 NOTE: ACTUAL OCCUPANT LOAD PROVIDED BY YMCA

351 Pleasant Lake Ave, Harwich, MA

2015 INTERNATIONAL BUILDING ODE, MA 780 CMR 2015 INTERNATIONAL FIRE CODE 2015 INTERNATIONAL PLUMBING CODE 2015 INTERNATIONAL MECHANICAL CODE 2017 NATIONAL ELECTRICAL CODE

AMERICAN NATIONAL STANDARDS INSTITUTUTE (ANSI A I 17.1.2009) OFFICE OF CHILDREN AND FAMILY SERVICES - DIVISION OF CHILD CARE SERVICES: PART 418-1 CHILD DAY CARE CENTERS

MECHANICAL, ELECTRICAL, FIRE ALARM AND PLUMBING SCOPE OF WORK IS DESIGN BUILD. CODE REQUIREMENTS SHALL BE REVIEWED BY THOSE DEISGN BUILD CONSULTANTS TO THE GENERAL

CODE REVIEW OF IEBC, 2015

CHAPTER 5: PROPOSED WORK IS CLASSIFIED AS AN ALTERATION LEVEL 3. PROJECT MUST CONFORM TO CHAPTERS 7 AND 8 AND 9 OF THE IEBC. THIS PROJECT IS A CHANGE OF USE, SO CHAPTER 10 IS

CHAPTER 7: NEW FINISHES SHALL COMPLY WITH 702. NEW ELEMENTS (INCLUDING NEW DOORS) SHALL

CHAPTER 8: SPRINKLERS ARE NOT REQUIRED PER 804.2.2. A FIRE ALARM IS REQUIRED IN ALL WORK STAFF: I UNISEX TOILET PER 20 STAFF (FEMALE) AND 25 STAFF (MALE) AND I LAV. PER 40. TOTAL

NEUTRAL TOILET FOR ALL STAFF. TOILETS/SINKS PROVIDED: I GENDER NEUTRAL TOILET/SINK.

CHAPTER 9: FIRE ALARM DETECTION SHALL BE PROVIDED PER IBC 907. 907.2.3 EXCEPTION | ALLOWS FOR E USE GROUPS WITH LESS THAN 50 OCCUPANTS TO NOT HAVE A FIRE ALARM SYSTEM.

CHAPTER 10: CHAPTER 9 SHALL APPLY TO THE ENTIRE BUILDING PER 1012.1.1.1. SEE ABOVE. FIRE PROTECTION SYSTEMS SHALL BE PROVIDED WHERE THERE IS A CHANGE OF OCCUPANCY WTIH A DIFFERENT THRESHOLD REQUIREMENT IN IBC CH. 9. CHAPTER 9 REQUIRES SPRINKLERS FOR E USE BUILDINGS OVER 12.000 SF, SO A NEW FIRE PROTECTION SYSTEM IS NOT REQUIRED.

1012.4: MEANS OF EGRESS MUST COMPLY WITH THE IBC SINCE THE CHANGE OF HAZARD CATAGORY IS FROM A HAZARD CATAGORY 4 TO A 3. IOI2.5: HEIGHT AND AREA MUST CONFORM TO IBC SINCE THE CHANGE OF HAZARD CATAGORY IS FROM A HAZARD CATAGORY 4 TO A 3. ALLOWABLE HEIGHT AND AREA FOR A USE GROUP E: 40' HEIGHT, I STORY ABOVE GRADE PLANE, 9,500 SF IN AREA. THESE RESTRICTIONS ARE MET. 1012.6: HAZARD CATATORY DOES NOT CHANGE. ALL EXISTING EXTERIOR OPENINS SHALL BE ACCEPTED. NEW OPENING SHALL CONFORM TO THE IBC.

CODE REVIEW NOTES: IBC, 2015

OCCUPANCY CLASSIFICATION - SECTION 305.2 \$ 308.6.1 IBC

CHILDCARE CENTER GROUP E - DAYCARE FACILITY WITH LESS THAN 100 INFANTS AND TODDLERS WHERE ALL ROOMS IN WHICH THE CHILDREN ARE CARED FOR ARE LOCATED ON A LEVEL OF EXIT DISCHARGE AND ALL ROOMS HAVING EXIT DOORS TO THE EXTERIOR.

BASEMENT LEVEL: 735 SF FIRST FLOOR LEVEL: 1870 SF

TOTAL SF: 2605 SF (LESS THAN 7500 SF = EXEMPT FROM MGL REQUIREMENTS)

AUTOMATIC SPRINKLER SYSTEMS: SECTION 903 | BC

AN AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED BASED ON [F] 903.2.3 GROUP E SINCE [I] THE FIRE AREA IS LESS THAN 12,000 SQUARE FEET, AND [2] THERE IS A DIRECT EXIT TO THE EXTERIOR FROM EACH CLASSROOM AT GROUND LEVEL.

MEANS OF EGRESS SIZING: 1005

REQUIRED: 37 OCCUPANTS X 0.2 = 29.6 CLEAR MINIMUM PROVIDED: 2 CORRIDOR EXITS, I EXIT AT 36" CLEAR AND I EXIT AT 36" CLEAR = 64 CLEAR IN ADDITION, ALL CLASSROOMS CONTAIN AN EXIT DOOR LEADING DIRECTLY TO THE EXTERIOR. $37 \times 0.2 = 29.6$ " CLEAR MINIMUM

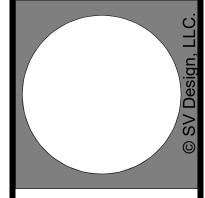
PROVIDED: 41"

STAIRS: 60"

COMMON PATH OF EGRESS TRAVEL DISTANCE: 1006.2.1 MAX ALLOWABLE: 75' ACTUAL: 37'

MINIMUM NUMBER OF EXITS: 1006.3.1 PROVIDED: 5





CODE NOTES

COVER SHEET AND

A0.00

Owner:

YMCA Owner 497 Main Street Melrose, MA 02176

(781) 665-4360

Design Team:

SV Design **Architect** 126 Dodge Street Beverly MA 01915 (978) 927-3745

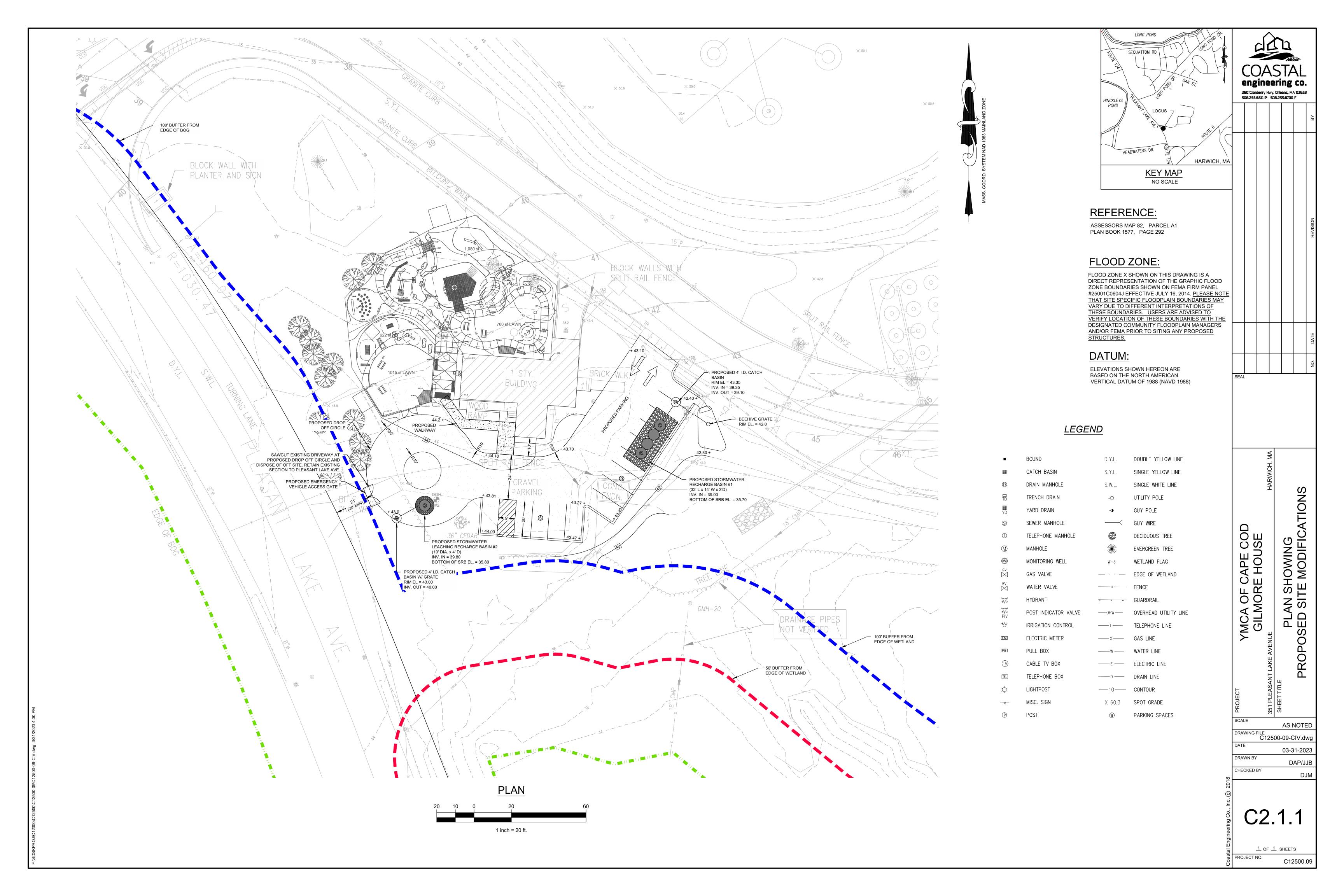
BLW Engineers, Inc. 311 Grear Road

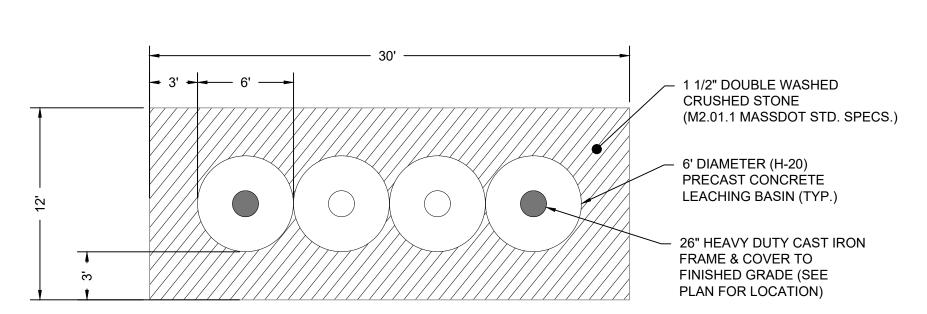
Mechanical, Electrical, PLumbing:

Littleton, MA 01460 (978) 486-4301

BSC Group 803 Summer Street Boston, MA 02127 (9617) 4896-4300

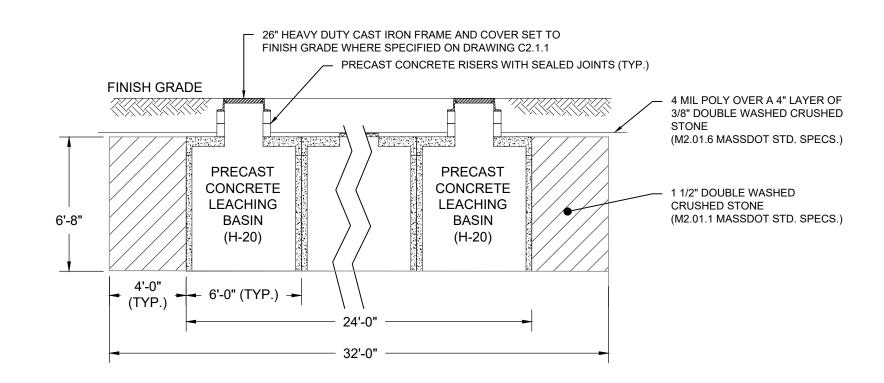
Landscape:





STORMWATER RECHARGE BASIN 1

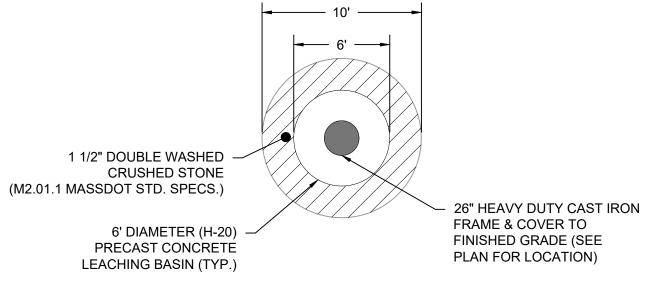
(30' L x 12' W x 7.58' D) NOT TO SCALE



TYPICAL PROFILE VIEW OF STORMWATER RECHARGE BASIN

NOT TO SCALE

SEE DRAWING C2.2.1 FOR CONCRETE STORMWATER LEACHING BASIN LAYOUT

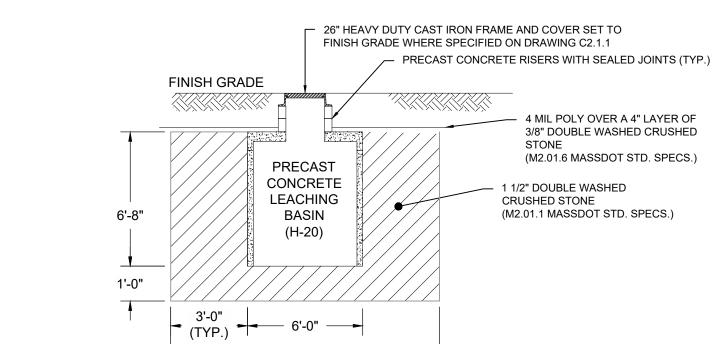


LEACHING RECHARGE BASIN #2

(10' DIA x 4' D) NOT TO SCALE

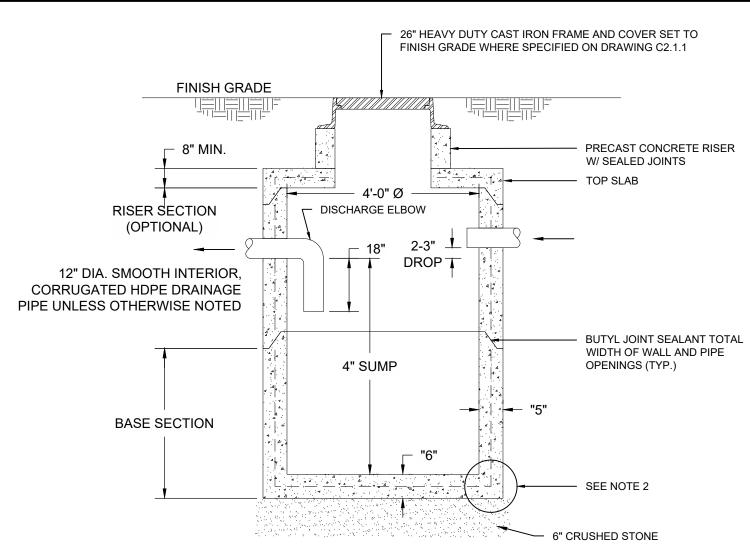
GENERAL NOTES:

- 1. SEE DRAWING C2.1.1 FOR PRECAST CONCRETE STORMWATER LEACHING BASIN LAYOUT 2. SEE DRAWING C2.1.1 FOR INLET PIPE LOCATIONS. PIPE SHALL BE 12" DIAMETER,
- SMOOTH-INTERIOR, CORRUGATED HDPE UNLESS NOTED OTHERWISE.
- 3. 26" DIA. HEAVY DUTY CAST IRON FRAME AND COVER TO FINISH GRADE WHERE INDICATED ON DRAWING C2.1.1



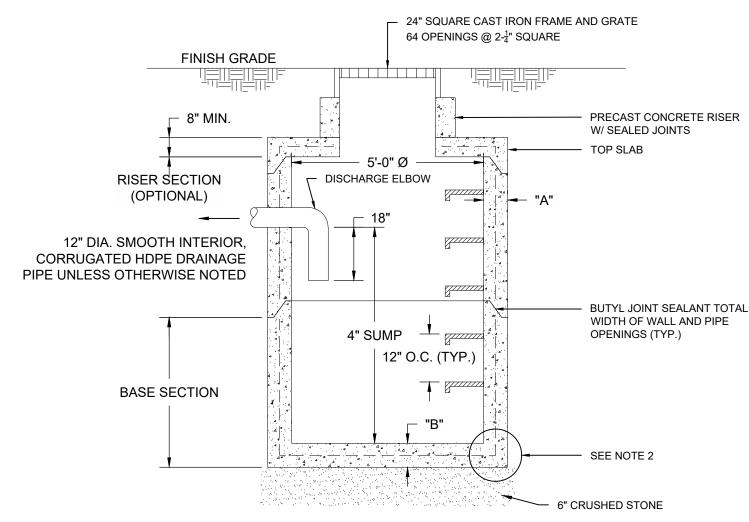
TYPICAL PROFILE VIEW OF STORMWATER RECHARGE BASIN

NOT TO SCALE



PRECAST CONCRETE CATCH BASIN/FIELD INLET

NOT TO SCALE



PRECAST CONCRETE CATCH BASIN/FIELD INLET

NOT TO SCALE

GENERAL NOTES:

- 1. ALL REINFORCING STEEL MUST CONFORM TO THE LATEST ASTM A185 AND/OR A615 GRADE 60. SEE TABLE 1 FOR
- STEEL REINFORCEMENT REQUIREMENT.
- 2. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MIN. OF 0.12 SQ. IN/LINEAL FT. (BOTH WAYS). 3. CATCH BASIN SPECS. CONFORM TO THE LATEST ASTM C478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS".
- 4. MORTAR SHALL CONFORM TO SECTION M4.02.15 OF THE MASSACHUSETTS D.P.W. STANDARD SPECS. FOR
- HIGHWAYS AND BRIDGES.
- 5. STEPS SHALL BE M.A. INDUSTRIES TYPE, STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC.
- 6. ONE POUR MONOLITHIC BASE SECTION. 7. ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY.
- NO JACKHAMMERS, HAMMERS, CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
- 8. RED CLAY BRICK SHALL CONFORM WITH SECTION M4.05.2 CLAY BRICK OF MASSACHUSETTS D.P.W. STANDARD SPECS. FOR HIGHWAY AND BRIDGES.

DEEP OBSERVATION HOLES

DEEP OBSERVATION HOLE 1 EL. = 43.8±

DEPTH FROM SURFACE	SOIL TYPE
0" - 8"	T-BASE
8" - 24"	HARDENING
24" - 138"	MED. TO COARSE SAND W/ SOME FINE GRAVELS & GRAVELS (VERY LOOSE)

DATE OF TESTS: MARCH 16, 2023

WITNESSED BY: JOHN G. SCHNAIBLE, CEC

NO GROUNDWATER ENCOUNTERED

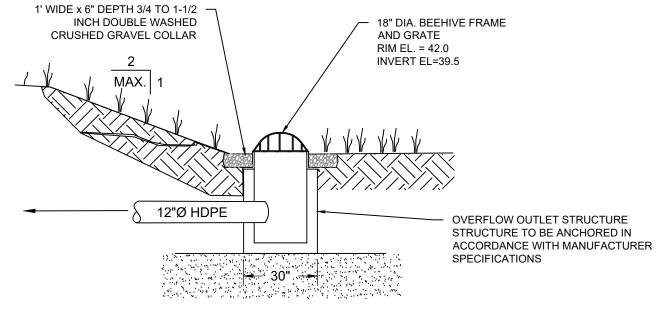
ESTIMATED GROUNDWATER ELEVATION FROM CAPE COD TECHNICAL HIGH SCHOOL PROJECT = 33.7

NO GROUNDWATER ENCOUNTERED AT A DEPTH OF 138" (EL = 32.3)

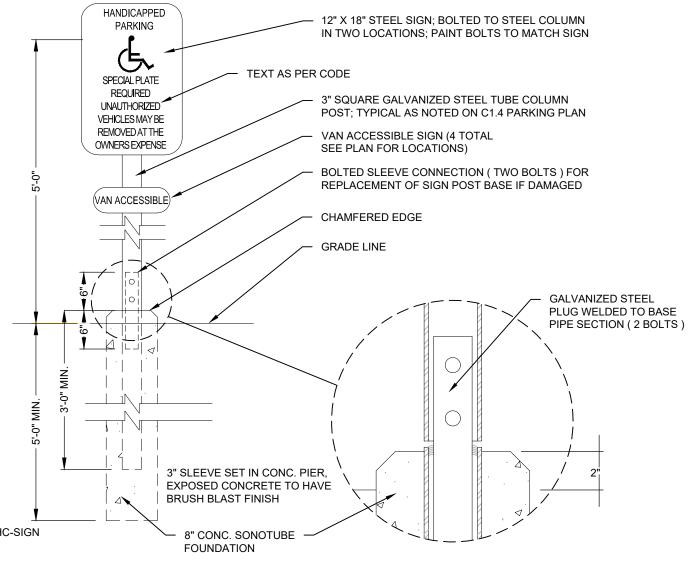
DEEP OBSERVATION HOLE 2 EL. = 43.5±

DEPTH FROM SURFACE	SOIL TYPE			
0" - 8"	T-BASE			
8" - 14"	HARDENING			
14" - 20"	TOPSOIL			
20" - 34"	SUBSOIL			
34" - 134"	MEDIUM SAND			

NO GROUNDWATER ENCOUNTERED AT A DEPTH OF 134" (EL = 32.3)

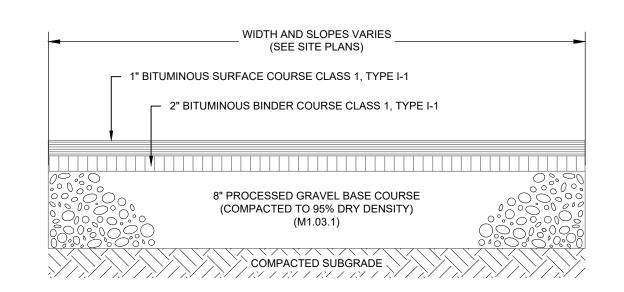


OVERFLOW OUTLET STRUCTURE DETAIL NOT TO SCALE

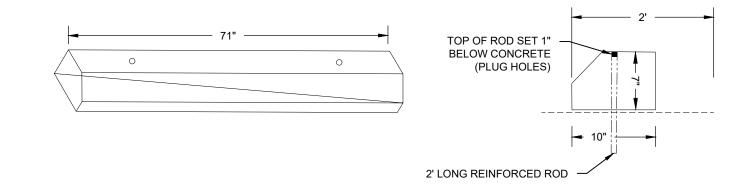


HANDICAP PARKING SIGN

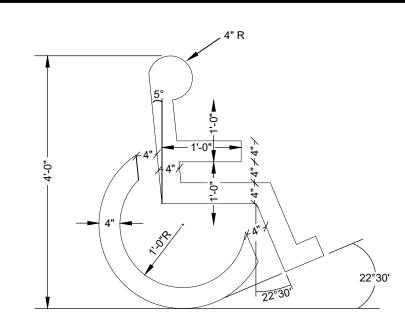
NOT TO SCALE



STANDARD BITUMINOUS CONCRETE PAVEMENT NOT TO SCALE

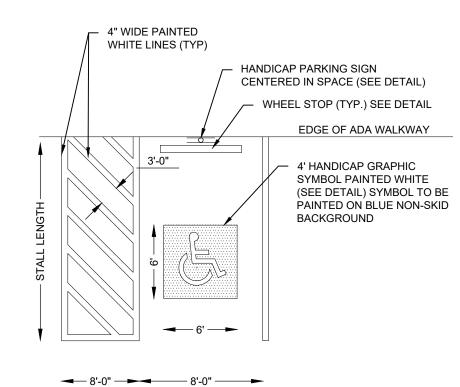


CONCRETE WHEEL STOP DETAIL NOT TO SCALE



PAINTED HANDICAP SYMBOL

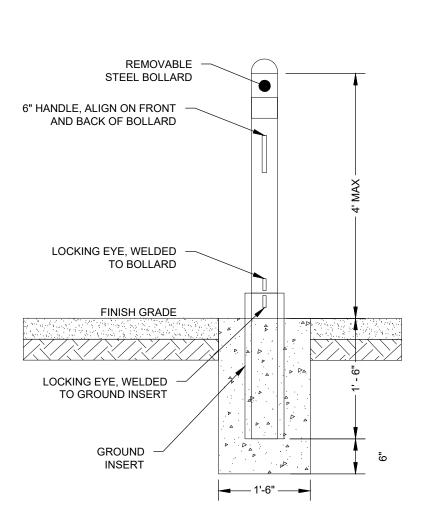
NOT TO SCALE



HANDICAP SPACE STRIPING

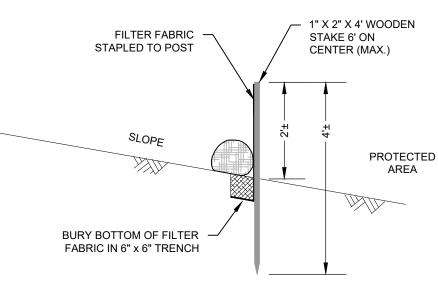
HANDICAP SPACE

NOT TO SCALE



BOLLARD DETAIL

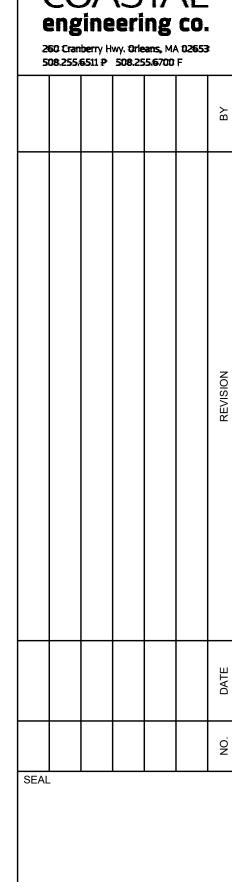
NOT TO SCALE



- 1. SILTATION BARRIER SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED UNTIL REVEGETATION OF AREA DISTURBED BY CONSTRUCTION. 2. AREAS DISTURBED BY CONSTRUCTION SHALL BE REVEGETATED PRIOR TO
- COMPLETION OF PROJECT. 3. SEDIMENT SHALL BE REMOVED FROM BARRIER WHEN DEPTH EXCEEDS 1/3 THE HEIGHT OF THE STRAWBALE

SEDIMENTATION BARRIER DETAIL

NOT TO SCALE



ОШ YMCA OF CAPE C AS NOTED C12500-09-CIV.dwg 03-31-2023 DRAWN BY CHECKED BY

C4.1.1

 $\frac{1}{}$ OF $\frac{1}{}$ SHEETS PROJECT NO. C12500.09

EXAMINATION OF CONDITIONS AND GENERAL NOTES:

- 1. LOCATIONS OF UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE COORDINATION WILL UTILITY COMPANIES AND PUBLIC AGENCIES AND FOR OBTAINING ALL REQUIRED PERMITS AND PAYING ALL REQUIRED FEES. IN ACCORDANCE WITH M.G.L., CHAPTER 82, SECTION 40, INCLUDING AMENDMENTS; CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING PRIOR TO SUCH EXCAVATION. CONTRACTOR SHALL ALSO CALL "DIG SAFE" AT 1(888)344-7233 NO LESS THAN 72 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO SUCH EXCAVATION. DOCUMENTATION OF REQUESTS SHALL BE PROVIDED TO PROJECT REPRESENTATIVE PRIOR TO EXCAVATION WORK.
- 2. THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION AND INVERTS AS REQUIRED.
- 4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA REGULATIONS AND LOCAL AND STATE REQUIREMENTS.

SITE PREPARATION AND DEMOLITION

- 1. AREAS OUTSIDE THE LIMIT OF WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT. AREAS DISTURBED DURING CONSTRUCTION NOT COVERED WITH BUILDINGS, STRUCTURES OR PAVEMENTS SHALL RECEIVE SIX INCHES OF LOAM AND SEED, UNLESS DIRECTED OTHERWISE BY THE LANDSCAPE ARCHITECT.
- 2. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO EARTHWORK OPERATIONS AND MAINTAIN EROSION CONTROL MEASURES AND SEEDED EMBANKMENTS DURING CONSTRUCTION. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH EPA'S NPDES PERMITTING FOR CONSTRUCTION ACTIVITIES.
- 4. WHERE EXISTING PAVEMENTS TO REMAIN MEET NEW PAVEMENTS, CONTRACTOR TO SAWCUT EXISTING PAVEMENTS IN A STRAIGHT LINE (PARALLEL OR PERPENDICULAR TO ADJACENT SITE ELEMENTS AS DIRECTED BY LANDSCAPE ARCHITECT) IN ORDER TO PROVIDE CLEAN CONNECTIONS TO NEW PAVEMENTS.

LAYOUT AND MATERIAL NOTES

- 1. THE LAYOUT DRAWING IS INTENDED TO DEPICT THE LOCATION, LAYOUT OF CONSTRUCTION AND IS INTENDED TO BE USED IN CONJUNCTION WITH OTHER DRAWINGS.
- 2. IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY AND/OR THE POTENTIAL AND/OR ACTUAL RISK OF EXPOSURE TO SITE-SPECIFIC PHYSICAL OR CHEMICAL HAZARDS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. CONSTRUCTION AND CONTROL JOINTS: SIDEWALK REINFORCEMENT SHALL NOT CONTINUE THROUGH CONSTRUCTION JOINTS. AT CONTROL JOINTS, CUT REINFORCEMENT WIRES.
- 4. UNLESS OTHERWISE SPECIFIED, MISCELLANEOUS CONCRETE PADS SHALL BE CONSTRUCTED PER SIDEWALK DETAIL.
- 5. THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 6. USE ONE SINGLE BENCHMARK FOR WORK.
- 7. DIMENSIONS INDICATED ARE TO FACE OF CURB, PAVEMENT EDGE, EDGE OR CENTERLINE OF IMPROVEMENT, OR AS OTHERWISE NOTED.
- 8. ENGAGE A MASSACHUSETTS LICENSED LAND SURVEYOR TO PERFORM LAND-SURVEYING SERVICES REQUIRED, INCLUDING, BUT NOT LIMITED TO VERIFICATION AND LAYOUT OF BASELINES, PROPOSED IMPROVEMENTS, DIMENSIONS AND ELEVATIONS. REPORT DISCREPANCIES TO THE ENGINEER.
- 9. PROVIDE FOR THE LAYOUT AND STAKING/MARKING OF THE PROPOSED LOCATION OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING FURNISHINGS. OBTAIN LANDSCAPE ARCHITECT'S APPROVAL OF THE LAYOUT PRIOR TO PROCEEDING WITH THE WORK.
- 10. UNLESS OTHERWISE INDICATED, LINES ARE PARALLEL OR PERPENDICULAR TO LINE FROM WHICH THEY ARE MEASURED.
- 11. CONTRACTOR IS RESPONSIBLE FOR DAMAGE INSIDE OR OUTSIDE OF THE PROPERTY LINE AND LIMIT OF WORK DUE TO THEIR CONSTRUCTION OPERATIONS.

ABBREVIATIONS

- **CENTERLINE**
- **BOTOM OF CURB**
- DIA DIAMETER EX. **EXISTING**
- FC FLUSH CURE
- CONC. CONCRETE DIAMETER
- MAX. MAXIMUM
- MIN. MINIMUM
- PSI
- TC TOP OF CURB
- O.C. ON CENTER
- POUNDS PER SQUARE INCH
- TYP. **TYPICAL** V.I.F. VERIFY IN FIELD

PLANTING NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR JUDGING THE FULL EXTENT OF WORK REQUIREMENTS INVOLVED. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: TRANSPORTATION, PURCHASE, TEMPORARY STORAGE AND MAINTENANCE OF PLANTS; PLANT RE-HANDLING PRIOR TO FINAL INSTALLATION; REMOVAL AND OFF-SITE DISPOSAL OF EXISTING LOAM DETERMINED BY THE ENGINEER TO BE UNACCEPTABLE; PURCHASE, TRANSPORT, AND SUPPLY OF LOAM.
- 2. VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE OWNER OR HIS REPRESENTATIVE.
- 3. TREE LOCATIONS SHOWN ARE APPROXIMATE AND SHOW DESIGN INTENT ONLY. TREE LOCATIONS TO BE COORDINATED IN THE FIELD WITH LANDSCAPE ARCHITECT.
- 4. ALL PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- 5. PLANT MATERIALS SHALL BEAR SAME RELATIONSHIP TO GRADE AS THEY BORE TO GRADE IN THE NURSERY
- 6. ALL TREES NOTED FOR CLEARING AND SELECTIVE PRUNING AND THINNING SHALL BE EXECUTED BY A LICENSED ARBORIST
- 7. THE CONTRACTOR SHALL CLEARLY MARK LIMITS OF CLEARING AND LIMITS OF SELECTIVE PRUNING AND THINNING, FOR REVIEW BY THE A/E PRIOR TO ANY CLEARING OPERATIONS.
- 8. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT EXISTING VEGETATION THAT IS TAGGED BY THE A/E, "TO BE
- 9. ALL TREES TO BE SAVED SHALL BE PROTECTED WITH A RIGID FENCE AND HAY BALES CIRCLING THE TREE AT A MINIMUM DISTANCE OF 1/2 THE CANOPY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- 10. THE A/E RESERVES THE RIGHT TO ADJUST FINAL GRADES IN THE FIELD TO SAVE EXISTING VEGETATION.
- 11. LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE INDICATED.
- 12. CAUTION SHALL BE USED NOT TO EXTEND MULCH LAYER ABOVE SOIL LEVEL AT TRUNKS/STEMS OF INSTALLED PLANT MATERIAL.
- 13. PROVIDE FIVE (5) FOOT DIAMETER MULCH CIRCLE AROUND ALL INDIVIDUAL TREE PLANTINGS AND CONTINUOUS MULCH BED AROUND SHRUB PLANTINGS.
- 14. THE LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL AND PRODUCTIVE TOPSOIL OF GOOD CLAY-LOAM TYPE. IT SHALL BE FREE OF WEED SEEDS. TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND SHALL BE REASONABLY FREE OF STONES, LUMPS, ROOTS, STICKS AND OTHER FOREIGN MATTER. TOPSOIL SHALL NOT BE WORKED OR APPLIED IN A MUDDY OR WET CONDITION.
- 15. REMOVE ALL ROCKS AND DEBRIS FROM SOIL SURFACE AND GRADE TO AN EVEN SURFACE
- 16. PROVIDE FERTILIZER OR OTHER SOIL AMENDMENTS AS DIRECTED BY THE LANDSCAPE ARCHITECT BASED UPON THE FINDINGS OF THE SOIL TEST REPORT.
- 17. A/E TO SELECT AND INSPECT PLANT MATERIAL AT THE NURSERY AND AGAIN AT SITE PRIOR TO PLANTING.
- 18. ALL PLANTS SHALL BE LEGIBLY TAGGED WITH THE BOTANICAL NAME. ONLY PLANT STOCK GROWN WITHIN HARDINESS ZONES 1 THROUGH 6A, AS ESTABLISHED BY THE USDA PLANT HARDINESS ZONE MAP, WILL BE ACCEPTED. THE CONTRACTOR'S SUPPLIERS MUST CERTIFY IN WRITING THAT THE STOCK HAS ACTUALLY BEEN GROWN UNDER ZONE 6A OR HARDIER CONDITIONS. PLANTS NOT CERTIFIED WILL NOT BE ACCEPTED.
- 19. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY IN GROWTH HABIT. PLANT SIZES, HABIT, ROOT BALLS, AND CONTAINERS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK (ASNS), STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) AS A MINIMUM REQUIREMENT FOR ACCEPTANCE.
- 20. NO SUBSTITUTION OF PLANT MATERIAL WITHOUT WRITTEN ACCEPTANCE FROM THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL NOT PROPOSE NOR INSTALL INVASIVE PLANTS ON SITE.
- 21. ALL PLANTS MUST BE MOVED WITH THE ROOT SYSTEMS IN SOIL. BALLED AND BURLAPPED PLANTS SHALL BE WRAPPED WITH UNTREATED 8 OUNCE BURLAP, FIRMLY HELD IN PLACE BY A STOUT CORD. WIRE CONTAINERS SHALL BE OF SUFFICIENT SIZE TO ALLOW ROOT DEVELOPMENT FOR THE PLANT SIZE, PER ASNS REQUIREMENTS. PLANTS PREPARED WITH PLASTIC OR OTHER NON BIODEGRADABLE WRAPPINGS WILL NOT BE ACCEPTED. ROOT BALLS SHALL REMAIN INTACT DURING ALL OPERATIONS. NO PLANT WILL BE ACCEPTED IF THE ROOT BALL HAS BEEN BADLY CRACKED OR BROKEN PRIOR TO, OR DURING, THE PROCESS OF PLANTING. ROOT BALLS SHALL BE MOIST UPON ARRIVAL AND SHALL BE KEPT MOIST UNTIL INSTALLATION. ALL BALLED AND BURLAPPED PLANTS THAT CANNOT BE PLANTED AT ONCE MUST BE HEELED IN BY SETTING THEM IN THE GROUND, COVERING THE ROOT BALLS WITH SOIL, AND WATERING THEM ADEQUATELY.
- 22. EACH PLANT SHALL HAVE PLENTY OF FIBROUS ROOTS, HEALTHY BUDS, AND SHALL BE FREE OF DISEASE OR INSECT PESTS, EGGS OR LARVAE. ALL PLANT PARTS SHALL SHOW ACTIVE GREEN CAMBIUM WHEN CUT. THEY SHALL BE DENSELY FOLIATED WHEN IN LEAF.
- 23. THE TRUNK OF EACH TREE SHALL BE FREE FROM SUN SCALD, FROST CRACKS, OR WOUNDS RESULTING FROM ABRASIONS, FIRE OR OTHER CAUSES. PRUNING WOUNDS SHALL BE NO LARGER THAN 2 INCHES AND SHALL SHOW VIGOROUS SCAR TISSUE. NO TREES WITH DOUBLE LEADERS OR TWIN HEADS WILL BE ACCEPTABLE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. NO PLANT MATERIAL FROM COLD STORAGE WILL BE ACCEPTED. IN REGARDS TO SHRUBS, NO SINGLE STEMMED OR THIN PLANTS WILL BE ACCEPTED. THE SIDE BRANCHES MUST BE GENEROUS AND WELL TWIGGED, AND THE PLANT AS A WHOLE MUST BE WELL BRANCHED TO THE GROUND. THE PLANTS MUST BE IN A VIGOROUS CONDITION, FREE FROM DEAD WOOD, BRUISES OR OTHER ROOT OR BRANCH INJURIES.
- 24. PLANTING SOIL MIX: PLANTING SOIL FOR BACKFILL SHALL BE A MIXTURE OF APPROVED LOAM AND SOIL AMENDMENTS MIXED MATERIAL SHALL BE PH TESTED BY THE CONTRACTOR IN THE PRESENCE OF THE ENGINEER, AND ADJUSTED ACCORDING TO PARTICULAR PLANTING APPLICATIONS, USING LIME OR SULFUR AS REQUIRED. FOR PLANTS THAT REQUIRE AN ACID SOIL, SUCH AS ERICACEOUS PLANTS AND BROAD-LEAVED EVERGREENS, PLANTING SOIL SHALL HAVE A TRUE PH OF 4.5 TO 5.5. PLANTING SOIL FOR ALL OTHER PLANTS SHALL HAVE A TRUE PH VALUE OF 6.0 TO 6.5. PROPOSED SOIL AMENDMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO APPLICATION.
- 25. BARK MULCH: BARK MULCH SHALL BE SHREDDED COMPOSTED PINE BARK MULCH, AGED BETWEEN 6 MONTHS UP TO 2 YEARS. MULCH SHALL BE PARTIALLY DECOMPOSED AND DARK BROWN IN COLOR. THE MULCH SHALL BE DARK BROWN IN COLOR, 100% ORGANIC, FREE OF CHUNKS AND PIECES OF WOOD THICKER THAN 1/4 INCHES AND SHALL NOT CONTAIN, IN THE JUDGEMENT OF THE ENGINEER, AN EXCESS OF FINE PARTICLES.
- 26. WATER: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THEIR OWN SUPPLY OF WATER TO THE SITE AT NO EXTRA COST TO THE PROJECT. ALL PLANTS INJURED OR DAMAGED DUE TO THE LACK OF WATER, OR DUE TO THE USE OF TOO MUCH WATER, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT. WATER SHALL BE FREE FROM IMPURITIES INJURIOUS TO VEGETATION. WATER PLANTS THOROUGHLY AFTER INSTALLATION, A MINIMUM OF TWICE WITHIN THE FIRST 24 HOURS.
- 27. TREE WATERING BAGS: WHEN REQUIRED, PROVIDE SLOW-RELEASE DRIP TREE BAG SUCH AS "TREE GATOR", "OOZE TUBE", "TREE CAMEL BAG" OR APPROVED EQUAL (14 GALLON MIN. CAPACITY). PROVIDE ONE BAG FOR EACH INSTALLED TREE (DECIDUOUS AND EVERGREENS). COST OF DRIP TREE BAG SHALL BE INCIDENTAL TO THE PLANTING PRICE. AFTER INITIAL INSTALLATION, TREES SHALL BE WATERED VIA SLOW-RELEASE WATERING BAGS FILLED TWICE WEEKLY. SLOW-RELEASE WATERING BAGS SHALL RELEASE CONTAINED WATER VOLUME IN NO LESS THAN 4 HOURS.
- 28. SOIL MOISTURE MATS: WHEN REQUIRED, PROVIDE "TREEDIAPER" OR APPROVED EQUAL (36" DIAMETER PLASTIC FABRIC BAG CONTAINING POLYACRYLAMIDES WITH WATER STORAGE CAPACITY OF 15 GALLONS). COST OF SOIL MOISTURE MAT SHALL BE INCIDENTAL TO THE PLANTING PRICE.
- 29. SOIL WETTING AGENT: SOIL WETTING AGENT SHALL BE A SYNTHETIC, NON-TOXIC ACRYLIC POLYACRYLAMIDE OR NATURAL SOLUBLE PLANT EXTRACT. APPLICATION RATES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- 30. FUNGAL MYCORRHIZAE: EACH PLANT SHALL BE PLANTED WITH FUNGAL MYCORRHIZAE. MYCORRHIZAE SHALL INCLUDE AT LEAST THREE SPECIES OF VESICULAR ARBUSCULAR (ENDOMYCCHORIZAL) FUNGI AS WELL AS ECTOMYCORRHIZAL FUNGI. MYCORRHIZAE SHALL BE SHIPPED IN INDIVIDUAL DOSAGE PACKETS.

MAINTENANCE PERIOD: 90 DAYS

- THE MAINTENANCE PERIOD SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE FOR A MINIMUM OF 90 DAYS FOLLOWING THE COMPLETION OF ALL PLANTING INSTALLATIONS, OR UNTIL THE CONDITIONAL ACCEPTANCE OF ALL PLANTING WORK, WHICHEVER IS A LONGER PERIOD OF TIME.
- 2. AT THE END OF THE MAINTENANCE PERIOD, THE CONTRACTOR WILL REQUEST INSPECTION BY THE LANDSCAPE ARCHITECT AT LEAST 10 DAYS BEFORE THE ANTICIPATED DATE OF INSPECTION.
- 3. AT THE TIME OF INSPECTION, IF THE PLANT MATERIALS AND WORKMANSHIP ARE ACCEPTABLE TO THE LANDSCAPE ARCHITECT, THE LANDSCAPE ARCHITECT SHALL ISSUE A WRITTEN CERTIFICATE OF CONDITIONAL ACCEPTANCE TO THE CONTRACTOR. THE DATE OF THE INSPECTION SHALL ESTABLISH THE END OF THE MAINTENANCE PERIOD AND THE COMMENCEMENT OF THE REQUIRED ONE-YEAR ESTABLISHMENT PERIOD FOR PLANTING WORK.
- 4. IF IN THE LANDSCAPE ARCHITECT'S OPINION, PLANT MATERIALS AND/OR WORKMANSHIP IS DEFICIENT, ACCEPTANCE WILL NOT BE GRANTED, AND THE MAINTENANCE PERIOD FOR ALL THE PLANTS SHALL BE EXTENDED UNTIL PLANT REPLACEMENTS ARE MADE OR OTHER DEFICIENCIES ARE CORRECTED. ALL DEAD AND UNSATISFACTORY PLANTS WILL BE REMOVED PROMPTLY FROM THE PROJECT. REPLACEMENT PLANTS SHALL CONFORM IN ALL RESPECTS TO THE SPECIFICATIONS FOR THE ORIGINAL PLANTS AND SHALL BE PLANTED IN THE SAME MANNER.

ESTABLISHMENT PERIOD: ONE YEAR

- THE PURPOSE OF THE ESTABLISHMENT PERIOD IS TO NURTURE PLANTS THROUGH AT LEAST ONE FULL GROWING SEASON AND ONE FULL WINTER. ALL PLANTS SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT ONE YEAR AFTER CONDITIONAL ACCEPTANCE AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THAT TIME. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING INSPECTION EARLY ENOUGH IN THE SEASON TO ALLOW ADEQUATE TIME TO PROCURE AND INSTALL REPLACEMENT MATERIAL.
- 2. AT THE END OF THE ESTABLISHMENT PERIOD, EACH PLANT SHALL SHOW HEALTHY GROWTH ON AT LEAST 75 PERCENT OF ITS TERMINAL STEMS, AS DETERMINED BY THE LANDSCAPE ARCHITECT. DETERMINATION OF HEALTHY GROWTH SHALL INCLUDE, BUT IS NOT NECESSARILY LIMITED TO, VIABLE LEAVES (IN SEASON) AND TERMINAL BUDS, AS WELL AS LIVE CAMBIUM. PLANTS FOUND TO BE UNACCEPTABLE SHALL BE REMOVED PROMPTLY FROM THE SITE AND REPLACED IMMEDIATELY OR DURING THE NEXT NORMAL PLANTING SEASON, AS PERMITTED BY THE SPECIFICATIONS.
- 3. THE LANDSCAPE ARCHITECT WILL INSPECT THE REPLACEMENT PLANTING WORK UPON THE REQUEST OF THE CONTRACTOR. REQUEST FOR INSPECTION SHALL BE RECEIVED BY THE LANDSCAPE ARCHITECT AT LEAST TEN DAYS BEFORE THE ANTICIPATED DATE OF INSPECTION.
- 4. UPON ACCEPTANCE OF THE WORK OF REPLACEMENT PLANTING, THE ENGINEER SHALL ISSUE A WRITTEN CERTIFICATE OF FINAL ACCEPTANCE FOR ALL PLANTS INSTALLED UNDER THIS SECTION TO THE CONTRACTOR OTHERWISE INDICATED.

GILMORE HOUSE

351 PLEASANT LAKE AVE.

HARWICH MASSACHUSETTS

LANDSCAPE NOTES

FEBRUARY 17, 2023

REV	ISIONS:	

PREPARED FOR:

YMCA CAPE COD 100 INDEPENDENCE DRIVE, STE. 2 HYANNIS, MA 02601



Glastonbury, Connecticut 06033

860 652 8227

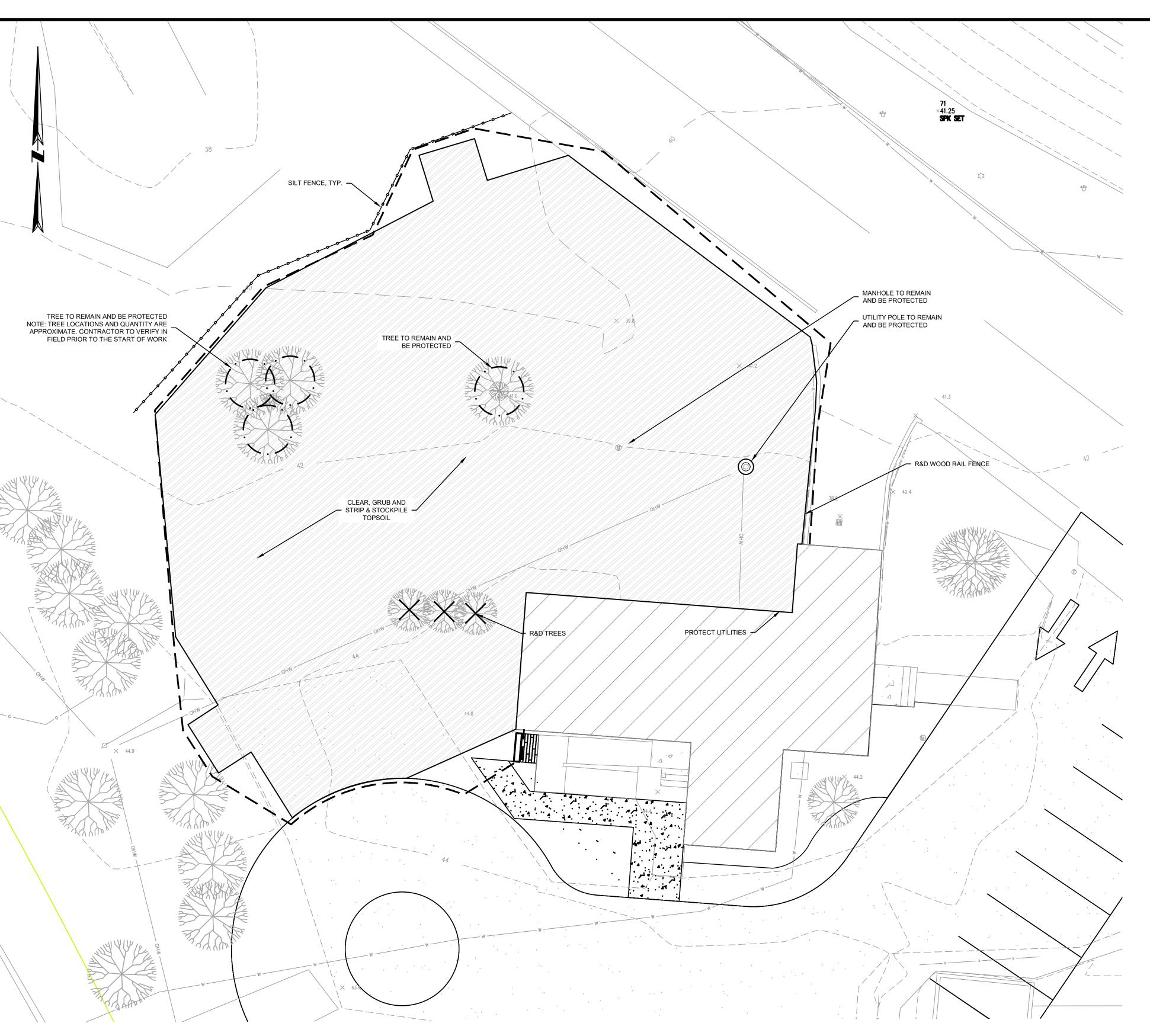
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SCALE: NONE

FILE: 8385900-DET.DWG DWG. NO:

JOB. NO: 83859.00

ISSUED FOR CONSTRUCTION



TREE PROTECTION & PRESERVATION NOTES:

- 1. INSTALLATION/IMPLEMENTATION OF THE FOLLOWING MEASURES SHALL BE PERFORMED IN THE FIELD BY AN ISA CERTIFIED ARBORIST.
- 2. CONTRACTOR, ARBORIST AND LANDCSAPE ARCHITECT SHALL MEET ON SITE TO DETERMINE OVERHEAD CLEARANCE CONFLICTS BETWEEN TREES AND CONSTRUCTION EQUIPMENT/ACTIVITIES TO PREVENT BREAKAGE, IMPACTS, OR AESTHETIC CONCERNS.
- 3. ROOT PRUNING FOR URBAN SITES WITH SPECIMEN TREES REQUIRES THE USE OF SUPERSONIC AIR TOOL EXCAVATION FOR HAND PRUNING.
- 4. A PRE-WORK INSPECTION BY THE ARBORIST SHALL BE HELD MORE THAN 72 HOURS IN ADVANCE OF WORK START TO DETERMINE IF SUBSURFACE MOISTURE EXISTS. IF SUFFICIENT MOISTURE IS NOT FOUND, WORK AREA SHALL BE IRRIGATED AND A SECOND FOLLOW UP INSPECTION SHALL BE MADE TO DETERMINE FINAL SUFFICIENCY.
- 5. TREES ANTICIPATED TO RECEIVE TEMPORARY OR REPETITIVE MATERIALS STORAGE, FOOT TRAFFIC OR EQUIPMENT ACCESS WITHIN THE ROOT ZONE ARE TO RECIEVE ROOT PROTECTION MATS. WOOD CHIP MULCH 4-6 INCHES SHALL BE INSTALLED UNDER MATTING.
- 6. FOR SHORT DURATION ACCESS, THE USE OF ALTURNAMATS OR APPROVED EQUAL MAY BE USED.

- 7. FOR EXCAVATION WITHIN CRITICAL ROOT ZONE AREAS OF TREES TO REMAIN, THE INTENT IS TO MINIMIZE TREE AND ROOT DAMAGE FROM EXCAVATION ACTIVITIES. EXCAVATION SHALL BE PERFORMED USING SUPERSONIC AIR TOOL, HAND TOLLS, OR OTHER APPROVED NON-DAMAGING METHOD. ROOTS SHALL NOT BE DAMAGED BY EXCAVATION EXCEPT FOR APPROVED ROOT PRUNING.
- 8. NO MECHANIZED EQUIPMENT SHALL ENTER THE TREE PROTECTION AREAS. ALL WORK SHALL BE EITHER DONE BY HAND OR WITH EQUIPMENT STAGED OUT SIDE THE TREE PROTECTION AREA.
- 9. DEMOLITION OF PAVING SHALL NOT DAMAGE PROTECTED ROOTS OUTSIDE THE LIMIT OF WORK NOR BELOW EXISTING HARDSCAPE. ONCE HARDSCAPE IS REMOVED, NO EQUIPMENT SHALL OPERATE UPON STONE BASE UNLESS INSPECTED AND APPROVED BY ARBORIST AS ROOTS MAY HAVE GROWN INTO BASE.
- 10. EXCAVATION FOR BASE PREPARATION SHALL NOT DAMAGE TREE ROOTS, TRUNKS OR BRANCHES. AREAS SHALL BE ASSESSED FOR OVERHEAD CLEARANCE PRIOR TO COMMENCEMENT.
- 11. EXCAVATION SHALL BE THE MINIMUM NECESSARY TO ACHEIVE THE REQUIRED GRADES FOR NEW WORK.
- 12. TREE GROWTH REGULATOR MAY BE USED TO RESTRICT CANOPY GROWTH ON HIGHLY IMPACTED TREES. SPECIFIC METHODS AND DOSAGE SHALL BE AS DETERMINED BY THE ARBORIST.

13. SUPPLEMENTAL WATERING OF HIGH IMPACT TREES SHALL BE PERFORMED DURING SEASONAL DROUGHT TIMES DURING CONSTRUCTION. DROUHGT TIMES SHALL BE DEFINED AS PERIODS DURING THE GROWING SEASON OF TWO WEEKS OR LONGER, WHERE DAYTIME TEMPERATURES REACH 80 DEGREES FAHRENHEIT OF HIGHER AND LESS THEN \(\frac{3}{4}\) INCH OF RAINFALL IS RECORDED PER WEEK.

ISSUED FOR CONSTRUCTION

GILMORE HOUSE 351 PLEASANT LAKE AVE. HARWICH **MASSACHUSETTS** PLAYGROUND SITE PREPARATION PLAN FEBRUARY 17, 2023 **REVISIONS:** PREPARED FOR: YMCA CAPE COD 100 INDEPENDENCE DRIVE, STE. 2 HYANNIS, MA 02601 655 Winding Brook Drive Glastonbury, Connecticut 06033 860 652 8227

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SCALE: 1" = 10'

FILE: 8385900-PREP.DWG

JOB. NO: 83859.00

DWG. NO:

<u>LEGEND</u>

- CONSTRUCTION ENTRANCE

- CATCH BASIN FILTER INSERT

CONCRETE WASHOUT AREA

- REMOVE PLAYGROUND SURFACING

- CLEAR & GRUB VEGETATION

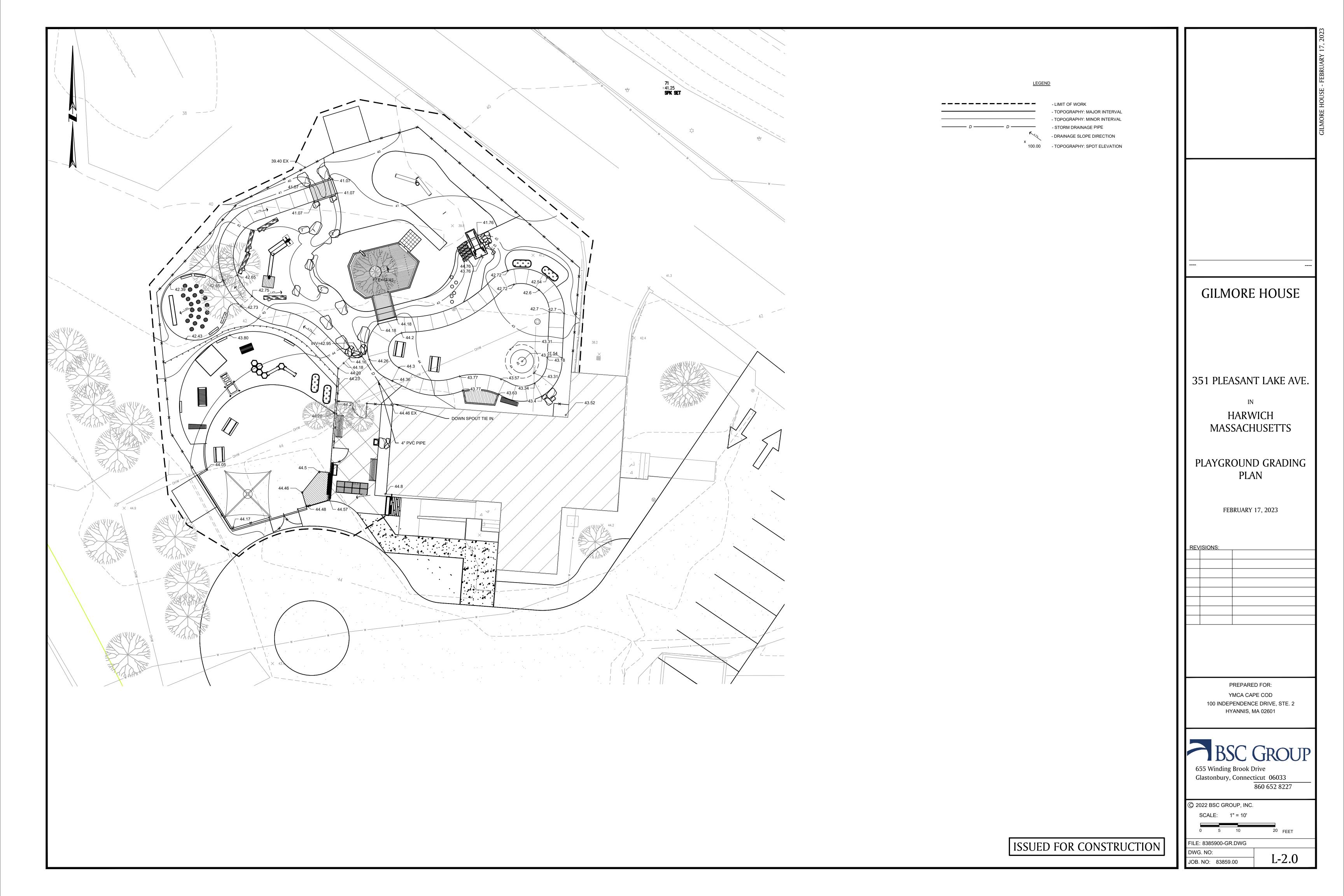
- R&D SITE FEATURE

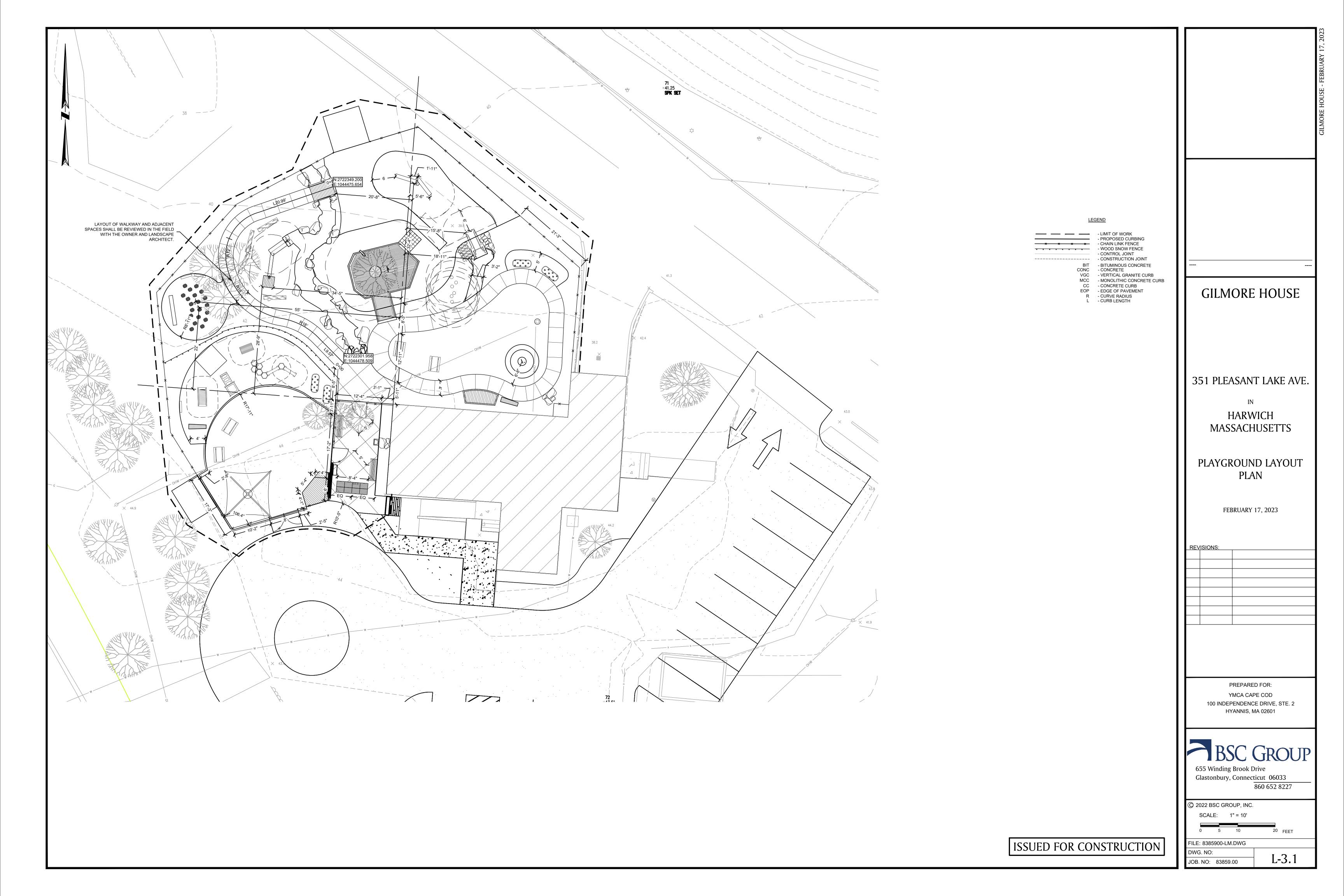
R&D - REMOVE AND DISPOSE

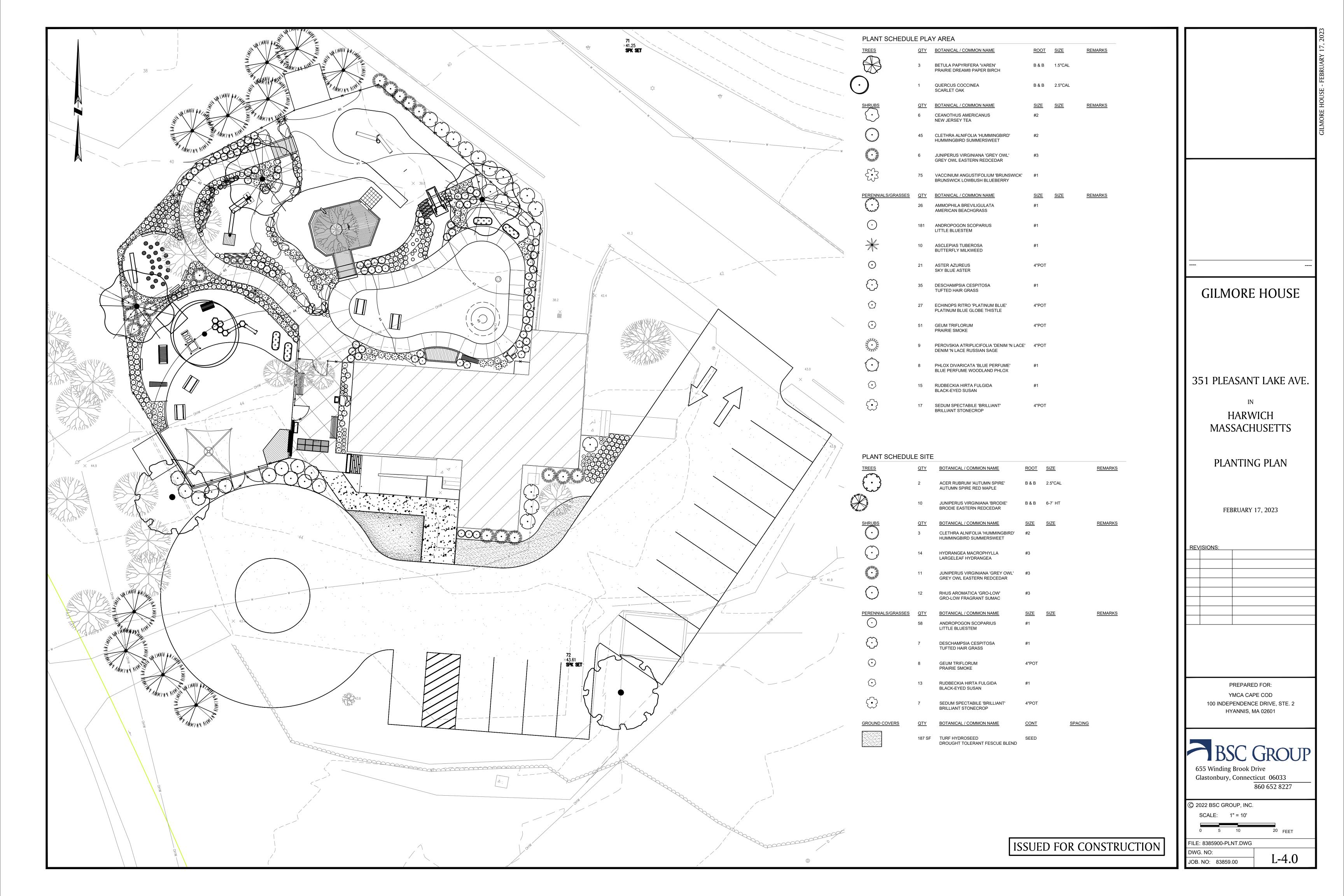
- TREE PROTECTION

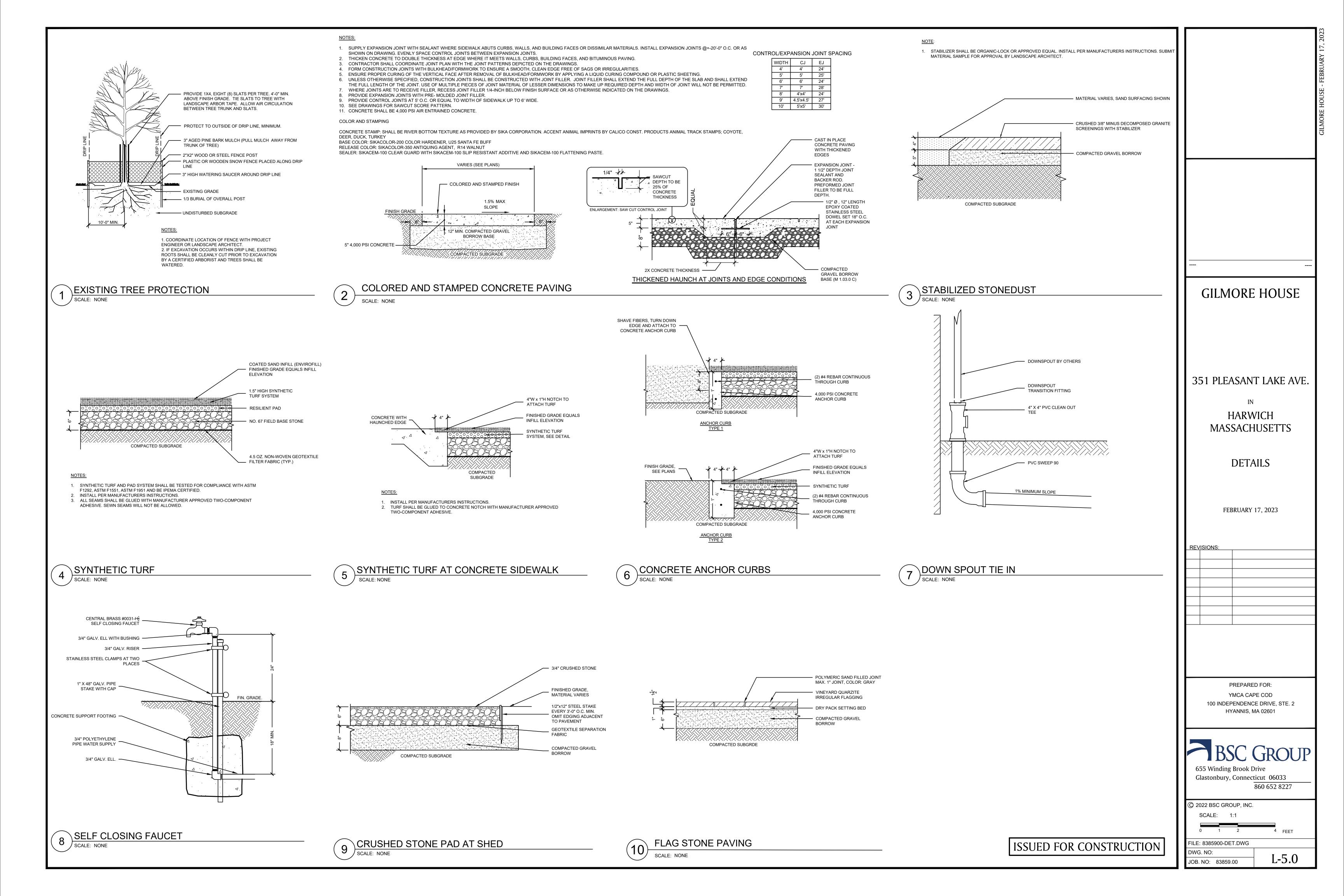
- - - - TREE ROOT PRUNING

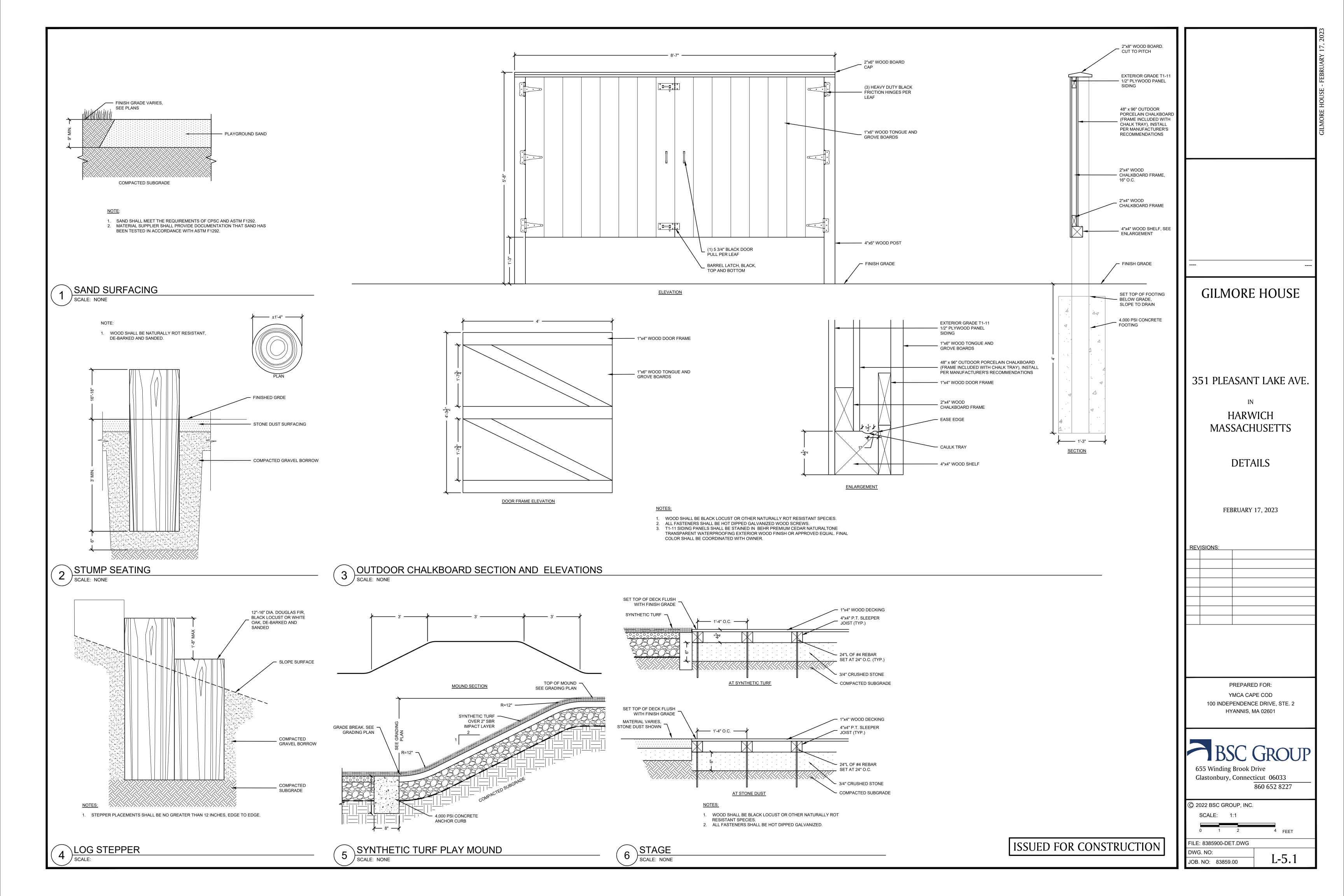
- REMOVE & DISPOSE LINEAR FEATURE

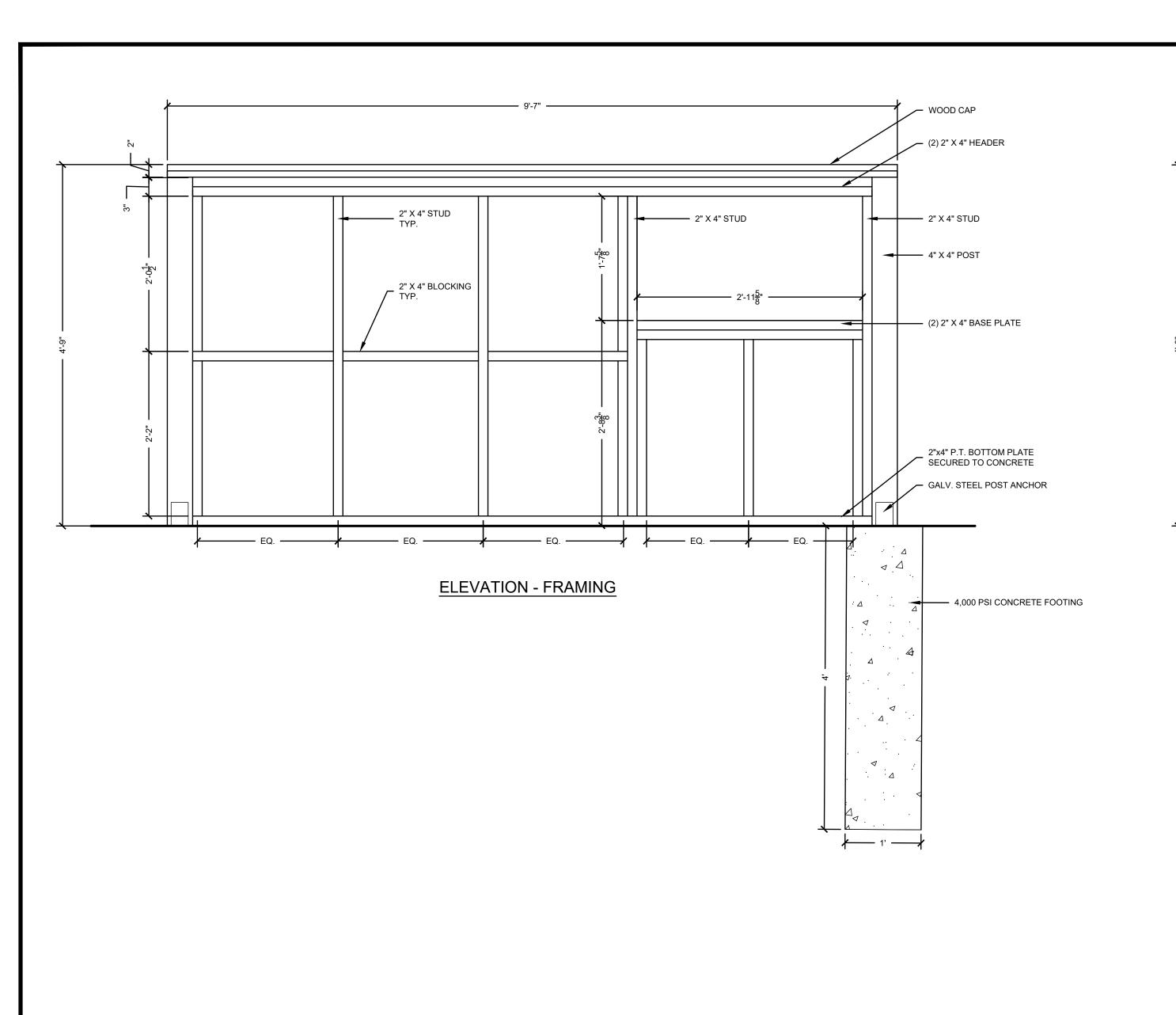


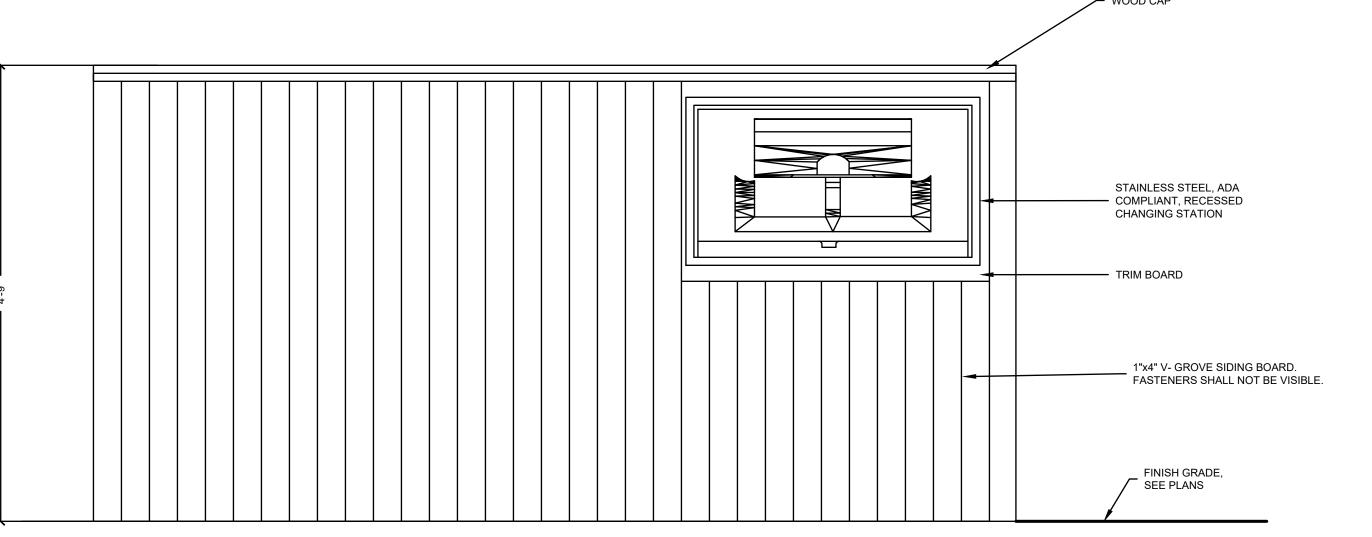






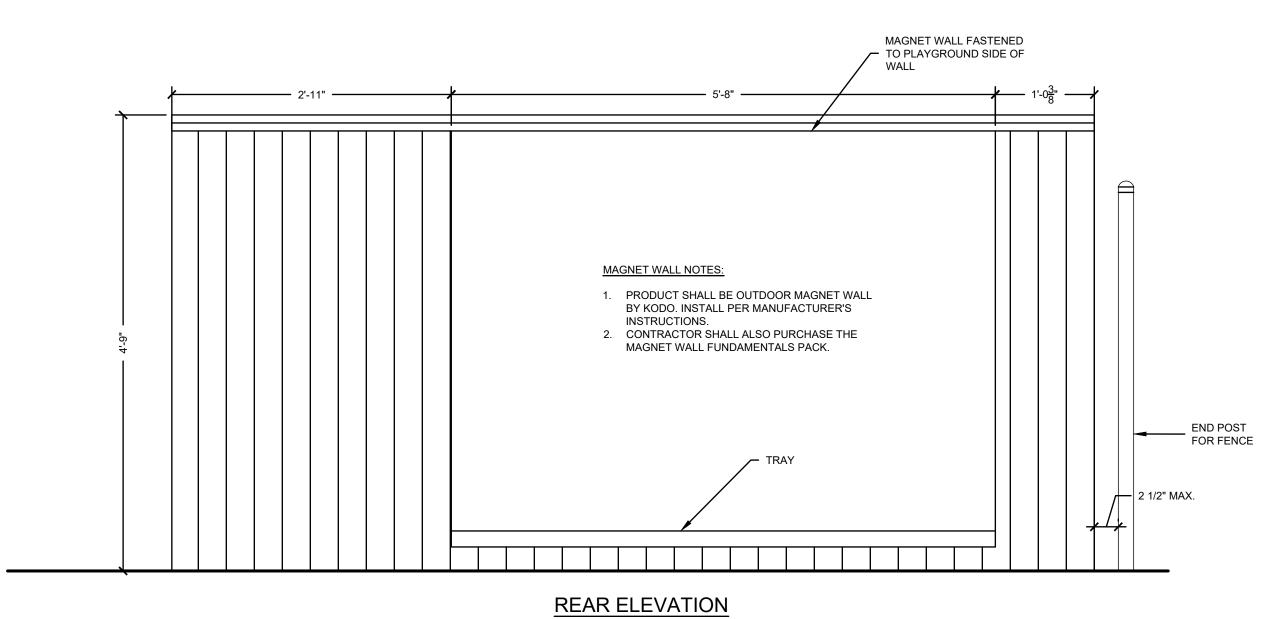


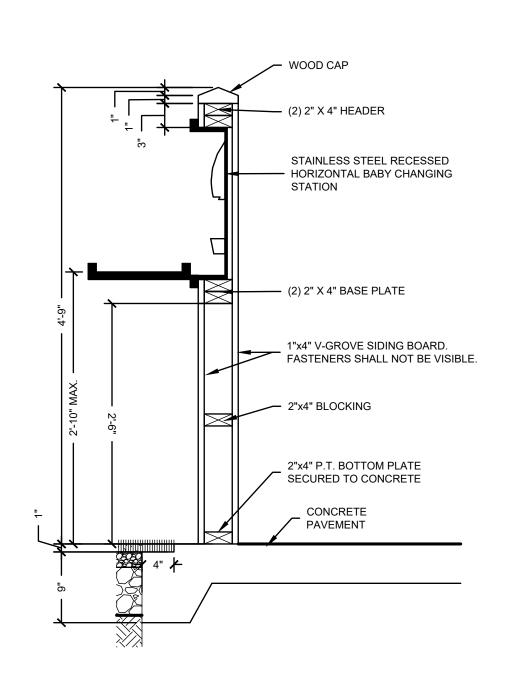




FRONT ELEVATION

- ALL WOOD SHALL BE BLACK LOCUST OR OTHER NATURALLY ROT RESISTANT SPECIES.
 CONTRACTOR SHALL FOLLOW ALL APPLICABLE MA STATE BUILDING CODES AND STANDARD PRACTICES FOR WOOD CONSTRUCTION.
- 3. ALL FASTENERS SHALL BE 305 STAINLESS STEEL, TRIM HEAD 4. WOOD DIMENSIONS ARE NOMINAL.
- ALL WOOD SHALL BE KILN DRIED.





SECTION A

CHANGING STATION WALL SCALE: NONE

ISSUED FOR CONSTRUCTION

GILMORE HOUSE
351 PLEASANT LAKE AVE.
HARWICH MASSACHUSETTS

DETAILS

FEBRUARY 17, 2023

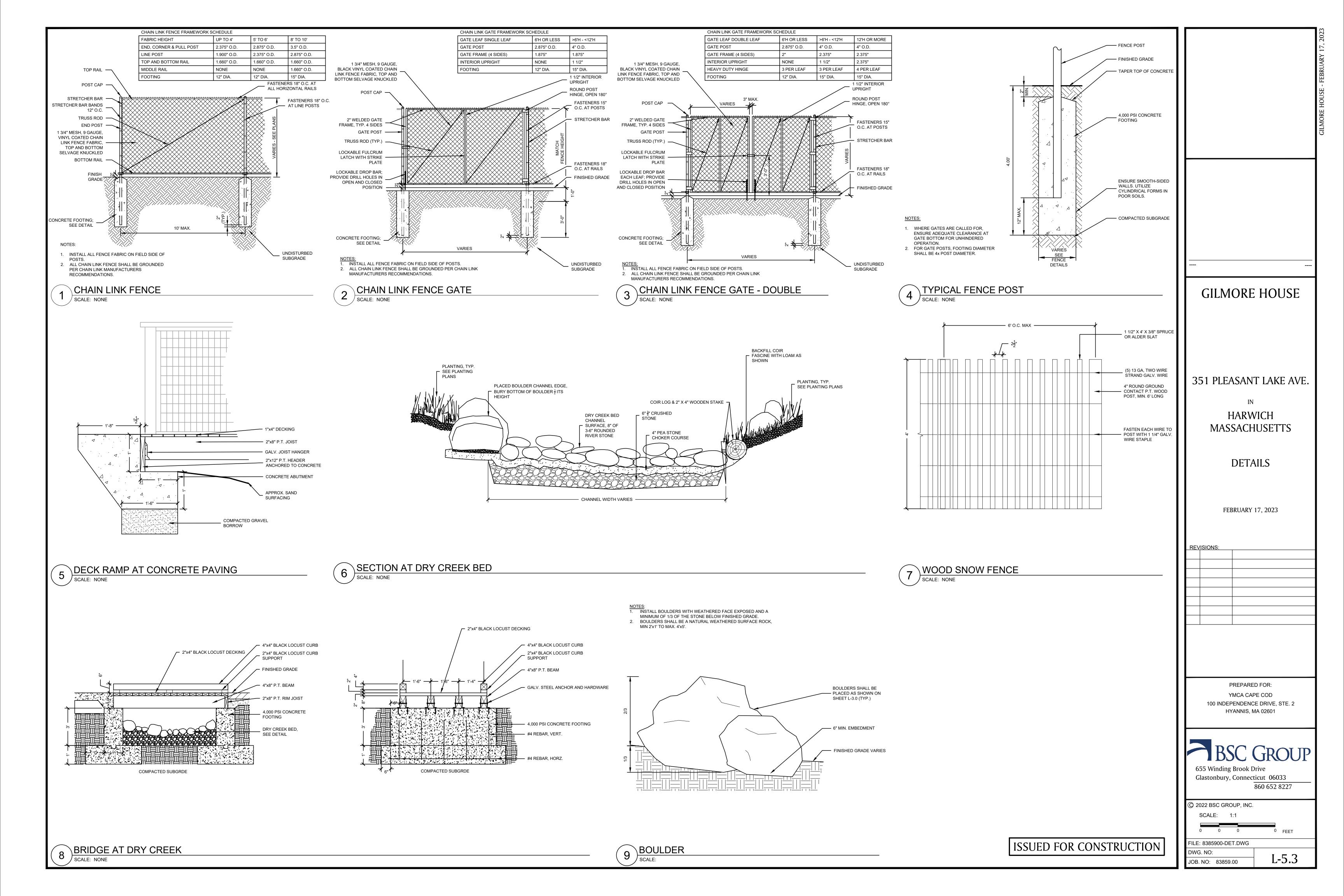
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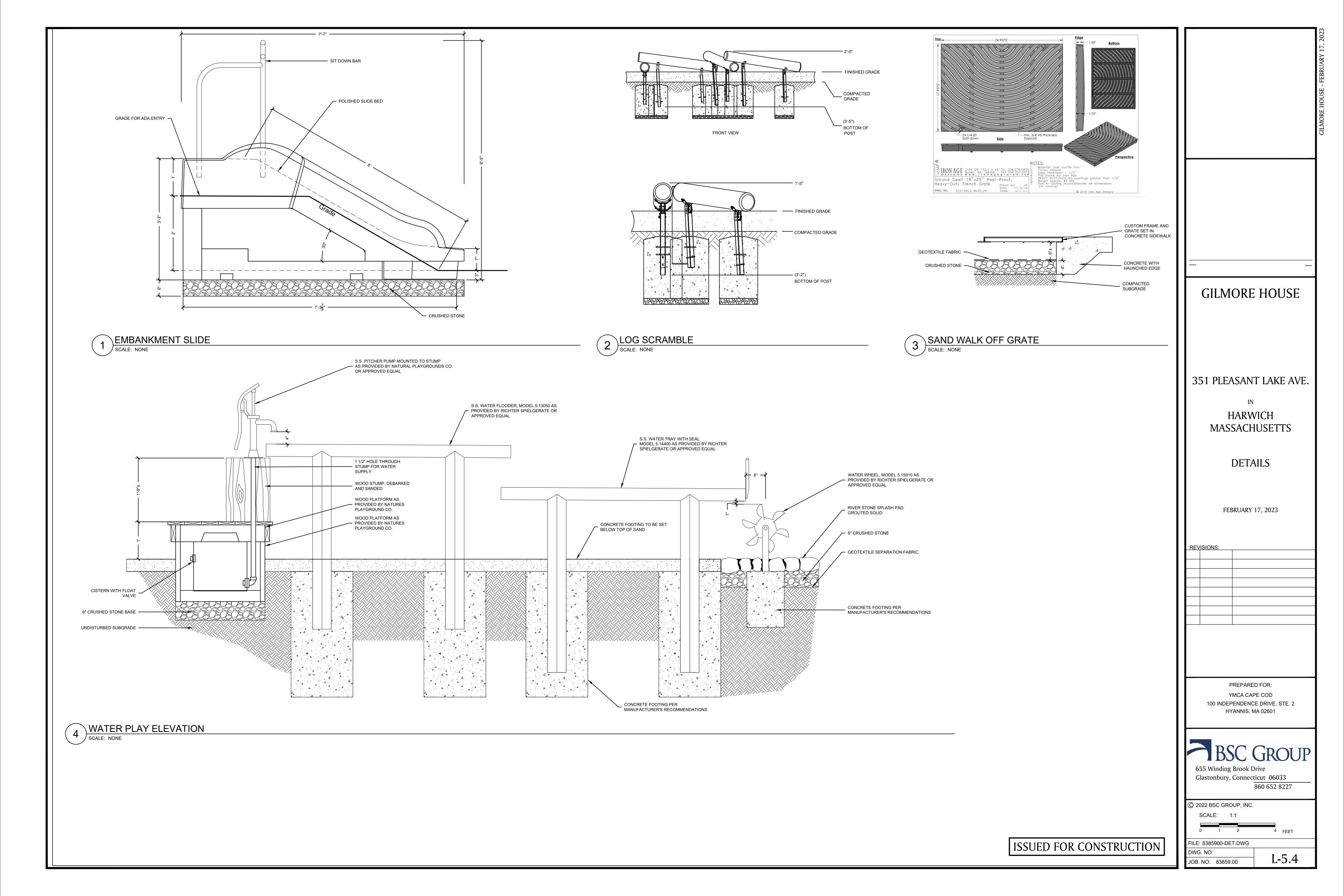
PREPARED FOR: YMCA CAPE COD 100 INDEPENDENCE DRIVE, STE. 2 HYANNIS, MA 02601

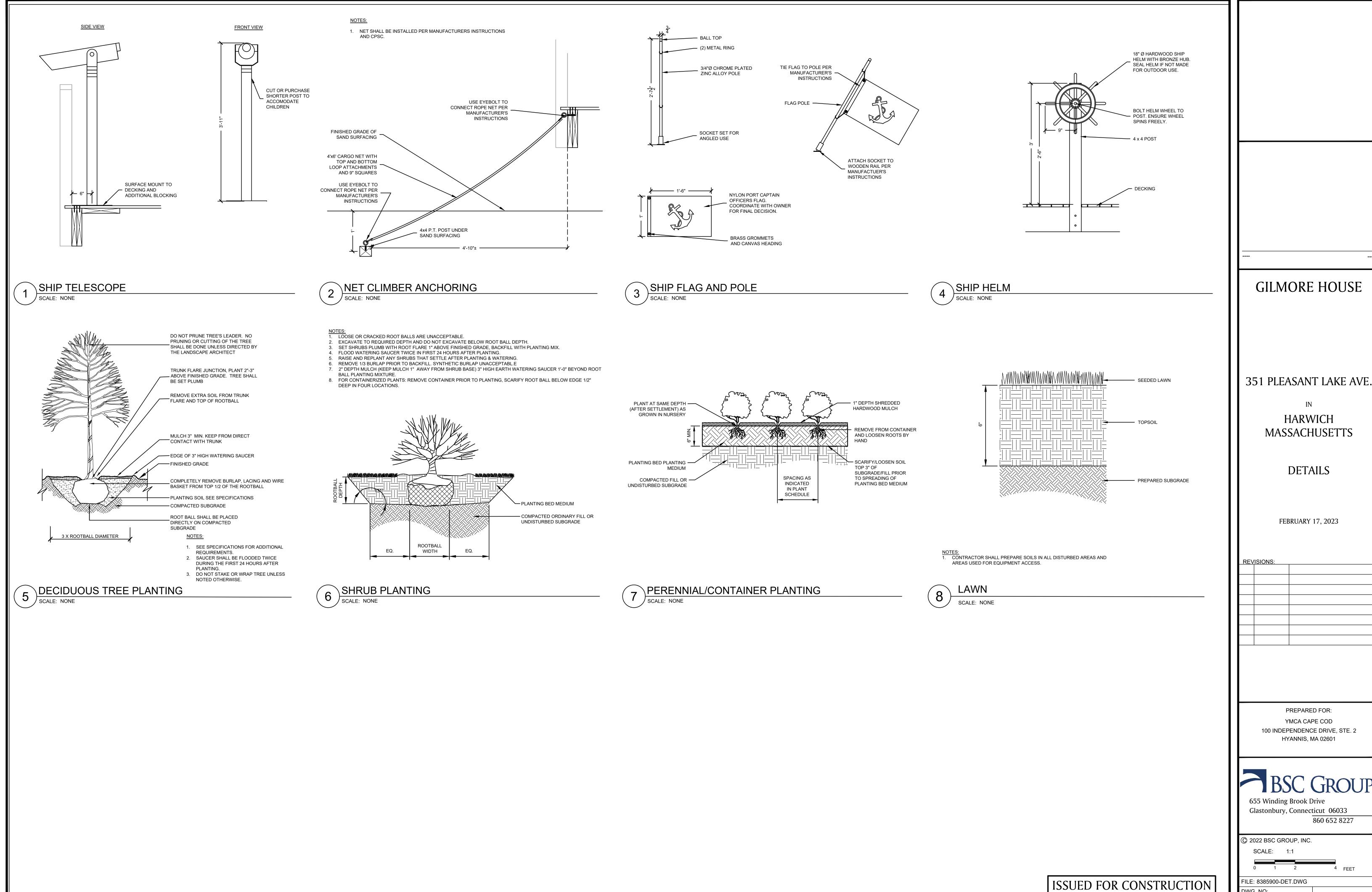
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655 Winding Brook Drive
Glastonbury, Connecticut 06033
860 652 8227

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SCALE: 1:1						
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FILE: 8385900-DET.DWG						

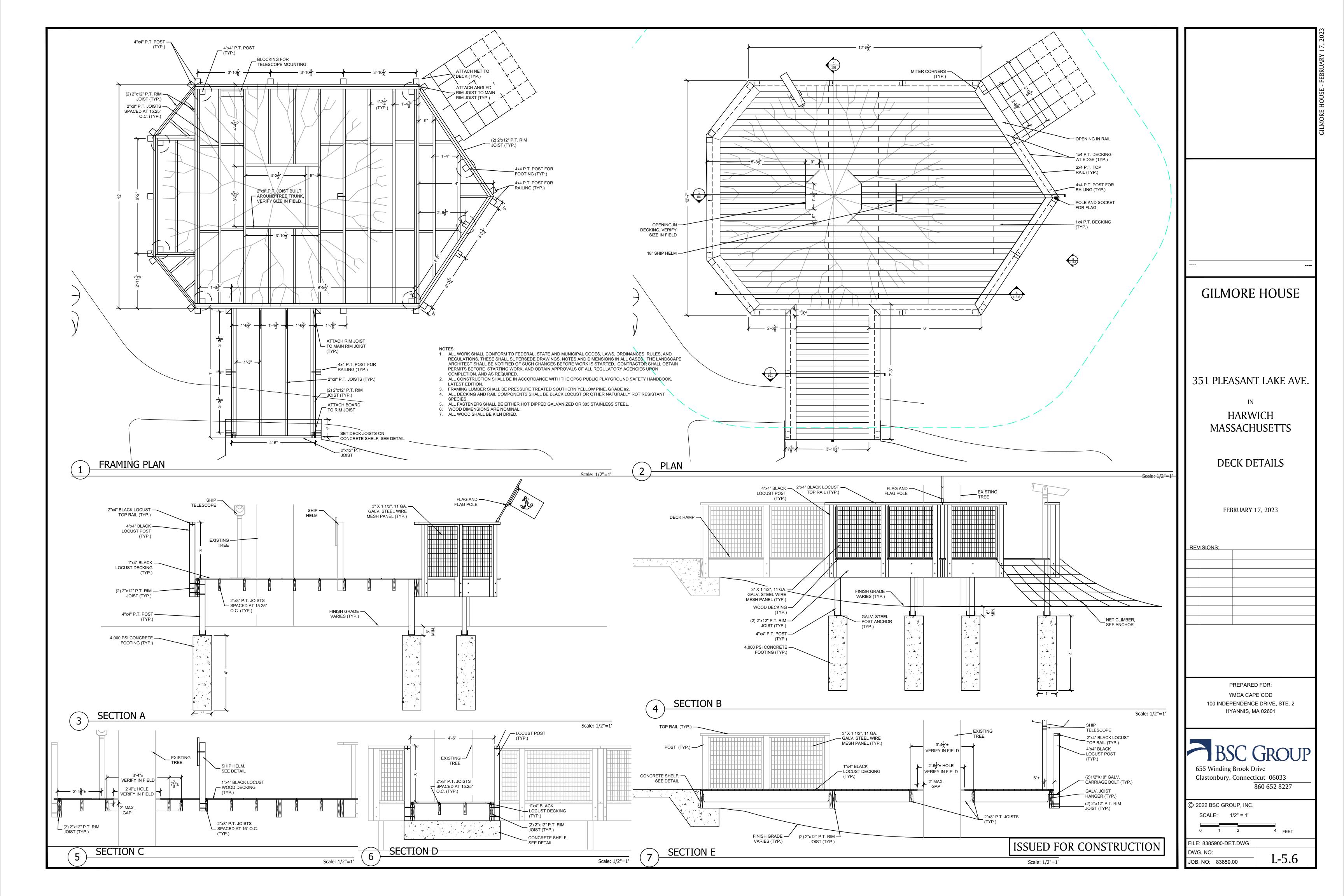
DWG. NO: JOB. NO: 83859.00







FEBRUARY 17, 2023 PREPARED FOR: YMCA CAPE COD 100 INDEPENDENCE DRIVE, STE. 2 HYANNIS, MA 02601 Glastonbury, Connecticut 06033 860 652 8227 DWG. NO: L-5.5 JOB. NO: 83859.00



REFLECTED CEILING NOTES

- DESIGN SUSPENDED CEILING FRAMING SYSTEMS TO RESIST A LATERAL FORCE OF 20% OF THE WEIGHT OF THE CEILING ASSEMBLY AND ANY LOADS TRIBUTARY TO THE SYSTEM. USE A MINIMUM CEILING WEIGHT OF 5 POUNDS PER SQUARE FOOT TO DETERMINE THE LATERAL FORCE.
- WHERE CEILING LOADS DO NOT EXCEED 5 POUNDS PER SQUARE FOOT AND WHERE PARTITIONS ARE NOT CONNECTED TO THE CEILING SYSTEM. THE FOLLOWING BRACING METHODS MAY BE EMPLOYED:
- 2.1 PROVIDE LATERAL SUPPORT BY FOUR WIRES OF MINIMUM NO. 12 GAUGE SPLAYED IN FOUR DIRECTIONS 90 DEGREES APART, AND CONNECTED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. PROVIDE THESE LATERAL SUPPORT POINTS 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 4' FROM EACH WALL.
- 2.2 ALLOW FOR LATERAL MOVEMENT OF THE SYSTEM. ATTACH MAIN RUNNERS AND CROSS RUNNERS AT TWO ADJACENT WALLS; MAINTAIN CLEARANCE BETWEEN THE WALL AND THE RUNNERS AT THE OTHER TWO WALLS.
- 2.3 PROVIDE VERTICAL SUPPORT AS REQUIRED IN BUILDING CODES. IN ADDITION VERTICALLY SUPPORT ENDS OF RUNNERS WITHIN 8" OF DISCONTINUITIES SUCH AS MAY OCCUR WHERE THE CEILING IS INTERRUPTED BY A WALL.
- 2.4 SUPPORT LIGHT FIXTURES AND AIR DIFFUSERS DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.
- LOCATE REGISTERS AND LIGHTING FIXTURES WITHIN GRID LINES. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED FIXTURES, AND SIMILAR CEILING ELEMENTS IN ACOUSTICAL UNITS, UNLESS OTHERWISE NOTED.
- FINISH HVAC DIFFUSERS, DRAPERY POCKETS, AND SPEAKER GRILLES TO MATCH ADJACENT FINISH, UNLESS OTHERWISE NOTED.

POWER & COMMUNICATION NOTES

- PRIOR TO CORING SLAB, REVIEW LOCATIONS WITH ARCHITECT AND COORDINATE LOCATIONS WITH OWNER.
- 2 COORINDATE INSTALLATION OF TELECOMMUNICATIONS. DATA AND SECURITY SYSTEMS
- 3 VERIFY EQUIPMENT SPECIFICATIONS. POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO ENSURE PROPER FIT AND FUNCTION.
- 4 VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL, TELEPHONE AND OTHER EQUIPMENT.
- 5 GANG ADJACENT LIGHT SWITCHES AND COVER WITH A SINGLE PLATE.
- 6 PROVIDE LIGHT SWITCHING IN CONFORMANCE WITH ELECTRICAL REQUIREMENTS.
- 7 MOUNT STANDARD WALL OUTLETS, SWITCHES AND THERMOSTATS AT HEIGHTS REQUIRED BY TITLE 24 AND ADA GUIDELINES, UNLESS OTHERWISE NOTED. WHEN THERMOSTATS AND LIGHT SWITCH OCCUR TOGETHER, INSTALL BOTH ALIGNED HORIZONTALLY WITH CENTER LINE AT +3'-2" ABOVE FINISHED FLOOR.
- 8 INDICATED DIMENSIONS ARE TO THE CENTER LINE OF OUTLET OR SWITCH, OR CLUSTER OF OUTLETS OR SWITCHES, UNLESS OTHERWISE NOTED.
- 9 INSTALL OUTLETS ON OPPOSITE SIDES OF PARTITIONS IN SEPARATE STUD CAVITIES. DO NOT INSTALL BACK-TO-BACK.
- 10 PROVIDE MATCHING COVER PLATES, RECEPTACLES AND RELATED ITEMS. PROVIDE ONE-PIECE TYPE GANG COVER PLATES, UNLESS OTHERWISE NOTED.
- I I IDENTIFY DEDICATED OR ISOLATED GROUND ELECTRICAL OUTLETS WITH A RED DOT.

FINISH NOTES

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- ENGLIDE GLIDEACEG TO DECEIVE EINIGHEG ADE CLEAN TRUE AND EDEE OF
- FINISHES.
- 3 PROVIDE STRAIGHT, FLUSH RESILIENT BASE AT CARPETED AREAS, AND COVED, TOP SET

FIRE DEPARTMENT NOTES

- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR, AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR OR BUILDING DEPARTMENT INSPECTOR. MAXIMUM FLOOR AREA PER EXTINGUISHER = I I,200 SF. MAXIMUM FLOOR AREA PER UNIT OF A: 3,000 SF.
- 2 PROVIDE EXIT SIGN WITH 6" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIELD INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS. COMPLY WITH BUILDING CODES.
- 3 PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL. COMPLY WITH BUILDING CODES.
- 4 MAINTAIN AISLES AT LEAST 44" WIDE AT PUBLIC AREAS.
- 5 EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. ALL NEW DOORS SHALL HAVE APPROVED LEVER HANDLES.
- 6 DOORS OPENING INTO REQUIRED 1-HOUR, FIRE-RESISTIVE CORRIDORS SHALL BE PROTECTED WITH A SMOKE OR DRAFT STOP ASSEMBLY HAVING A 20-MINUTE RATING AND SHALL BE SELF-CLOSING.
- $^{\prime}$ $\,$ 20-MINUTE DOOR JAMBS TO BE TIGHT-FITTING, SMOKE AND DRAFT CONTROLLED.
- 8 EXITS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING 50 OR MORE PERSONS AND IN ANY HAZARDOUS AREA.
- INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDOR SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING: CLASS A, FLAME SPREAD 0-25; SMOKE DEVELOPED INDEX 0-450, FOR MATERIALS INSTALLED IN VERTICAL EXITS. CLASS B, FLAME SPREAD 26-75, SMOKE DEVELOPED INDEX 0-450, FOR MATERIALS INSTALLED IN CORRIDORS AND IN USE GROUP I-4 SPACES. CLASS C, FLAME SPREAD 76-200, SMOKE DEVELOPED INDEX 0-450, FOR MATERIALS INSTALLED IN ANY OTHER LOCATION.
- 10 DECORATIONS (CURTAINS, DRAPES, SHADES, HANGERS, ETC.) SHALL BE NON-COMBUSTIBLE OR BE FLAMEPROOFED IN AN APPROVED MANNER.
- I I PROVIDE FIRE DAMPERS OR DOORS WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.
- 12 STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GAS AND HAZARDOUS SUBSTANCES SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
- 13 WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS.
- 14 EXTEND OR MODIFY EXISTING FIRE/LIFE SAFETY SYSTEM AS REQUIRED TO PROVIDE AN APPROVED FIRE/LIFE SAFETY SYSTEM. SUBMIT PLANS TO FIRE DEPARTMENT WITH COMPLETE DESCRIPTION OF SEQUENCE OF OPERATION. AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
- 15 LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
- 16 EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
- 17 EXTEND OR MODIFY EXISTING AUTOMATIC FIRE EXTINGUISHING SYSTEM AS REQUIRED TO PROVIDE AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM. SUBMIT PLANS TO FIRE DEPARTMENT AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
- 18 AUTOMATIC SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPROVED CENTRAL. PROPRIETARY OR REMOTE STATION SERVICE OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION.

ABBREVIATIONS (CONT)

T		REF	REFER(ENCE)
T\$G	TONGUE AND GROOVE	REFL	REFLECTED
THK	THICK	REFR	REFRIGERATOR
TLT	TOILET	REINF	REINFORCE(D)(ING)(MENT)
TRAF	TRAFFIC	REQD	REQUIRED
TRANS	TRANSPARENT	RESIL	RESILIENT
TRTD	TREATED	RESIS	RESIST(ANT)(IVE)
TYP	TYPICAL	RFG	ROOFING
U		RM	ROOM
UNDRLAY	UNDERLAYMENT	RO	ROUGH OPENING
UNO	UNLESS NOTED OTHERWISE	5	
UTIL	UTILITY	SCR	SCRIBE
V		SECUR	SECURITY
VEH	VEHICLE	SF	SQUARE FEET
VERT	VERTICAL	SGL	SINGLE
VIF	VERIFY IN FIELD	SHORG	SHORING
W		SIM	SIMILAR
W/	WITH	SST	STAINLESS STEEL
W/O	WITHOUT	STD	STANDARD
WC	WATER CLOSET	STL	STEEL
WD	WOOD	STRFR	STOREFRONT
WDW	WINDOW	STRUCT	STRUCTURAL
WT	WEIGHT	SURF	SURFACE
WTRPRF	WATERPROOFING	SUSP	SUSPENDED
		SYS	SYSTEM(S)

GENERAL NOTES

- COMPLY WITH CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK.
- 2 OBTAIN AND PAY FOR PERMITS AND INSPECTIONS REQUIRED BY PUBLIC AUTHORITIES GOVERNING THE WORK.
- 3 REVIEW DOCUMENTS. VERIFY DIMENSIONS AND FIELD CONDITIONS AND CONFIRM THAT WORK IS BUILDABLE AS SHOWN. REPORT ANY CONFLICTS OR OMISSIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO PERFORMING ANY WORK IN QUESTION.
- 4 SUBMIT REQUESTS FOR SUBSTITUTIONS, REVISIONS, OR CHANGES TO ARCHITECT FOR REVIEW PRIOR TO PURCHASE, FABRICATION OR INSTALLATION.
- 5 COORDINATE WORK WITH THE OWNER. INCLUDING SCHEDULING TIME AND LOCATIONS FOR DELIVERIES, BUILDING ACCESS, USE OF BUILDING SERVICES AND FACILITIES, AND USE OF ELEVATORS. MINIMIZE DISTURBANCE OF BUILDING FUNCTIONS AND OCCUPANTS.
- 6 OWNER WILL PROVIDE WORK NOTED "BY OTHERS" OR "NIC" UNDER SEPARATE CONTRACT. INCLUDE SCHEDULE REQUIREMENTS IN CONSTRUCTION PROGRESS SCHEDULE AND COORDINATE TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.
- COORDINATE TELECOMMUNICATIONS, DATA AND SECURITY SYSTEM INSTALLATIONS.
- 8 MAINTAIN EXITS. EXIT LIGHTING. FIRE PROTECTIVE DEVICES. AND ALARMS IN CONFORMANCE WITH CODES AND ORDINANCES.
- 9 PROTECT AREA OF WORK AND ADJACENT AREAS FROM DAMAGE.
- 10 MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION. COORDINATE WITH TENANT AND LANDLORD TO ENSURE SECURITY IF REQUIRED.
- I I DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. IN CASE OF CONFLICT, CONSULT THE ARCHITECT.
- 12 PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, UNLESS OTHERWISE PBD NOTED. MAINTAIN DIMENSIONS MARKED "CLEAR". ALLOW FOR THICKNESS OF FINISHES. PEDTR

14 WHERE EXISTING ACCESS PANELS CONFLICT WITH CONSTRUCTION. RELOCATE PANELS

- 13 COORDINATE AND PROVIDE BACKING FOR MILLWORK AND ITEMS ATTACHED OR MOUNTED TO WALLS OR CEILINGS.
- 15 UNDERCUT DOORS TO CLEAR TOP OF FLOOR FINISHES BY 1/4 INCH, UNLESS

TO ALIGN WITH AND FIT WITHIN NEW CONSTRUCTION.

OTHERWISE NOTED.

ABBREVIATIONS

G		А	
GA	GAUGE	ACCES	ACCESSORY
GFRC	GLASS FIBER REINFORCED	ACOUS	ACOUSTIC(AL)
	CONCRETE	AFF	ABOVE FINISHED FLOOR
GFRG	GLASS FIBER REINFORCED	AL	ALUMINUM
	GYPSUM	ALT	ALTERNATE
GFRP	GLASS FIBER REINFORCED	ANNUNC	ANNUNCIATOR
	PLASTER	ANOD	ANODIZED
GL	GLASS	APPL	APPLIANCE
GR	GRAD(E)(ING)	ARCH	ARCHITECTURAL
GYP	GYPSUM	AUTO	AUTOMATIC
H		AVG	AVERAGE
HD	HEAD	\$	AND
HDWD	HARDWOOD	В	
HDWE	HARDWARE	BD	BOARD
HM	HOLLOW METAL	BLDG	BUILDING
HORIZ	HORIZONTAL	BLKG	BLOCKING
HVAC	HEATING, VENTILATING, AND	BOLLD	BOLLARD
	AIR CONDITIONING	BRDLM	BOARDLOOM
		BU	BUILT UP
INFILTR	INFILTRATION	C	DOILT OF
INFO	INFORMATION	CAB	CABINET
INSTRUM	INSTRUMENT(ATION)	CEM	CEMENT(ITIOUS)
INSUL	INSULATION	CER	CERAMIC
INT	INTERIOR	CLG	CEILING
INTLK	INTERLOCK(ING)	CMU	CONCRETE MASONRY UNIT
J		COATG	COATING
JAN	JANITOR	COILG	COILING
K		CONC	CONCRETE
KIT	KITCHEN		
L		CONSTR	CONSTRUCTION
LAV	LAVATORY	CONTR	CONTINUOUS(ATION)
LB	POUND	CONTR	CONTRACT(OR)
LT	LIGHT	COV	COVER
£	BRITISH POUND (CURRENCY)	CPT	CARPET
LVLG	LEVELING	D	DOUBLE
LVR	LOUVER	DBL	DOUBLE
М		DEPT	DEPARTMENT
MAX	MAXIMUM	DES	DESIGN(ED)
MECH	MECHANICAL	DET	DETAIL
MEMB	MEMBRANE	DF	DRINKING FOUNTAIN
MET	METAL	DIA	DIAMETER
MEZZ	MEZZANINE	DIFF	DIFFUSER
MFD	MANUFACTURED	DIM	DIMENSION
MFR	MANUFACTURER	DISP	DISPENSER
MIN	MINIMUM	DIV	DIVISION
MISC	MISCELLANEOUS	DN	DOWN
		1	

MILLWORK MOISTURE MOTOR(IZED) MOUNTED	₽ DR DSCON DWR E	DOLLARS DOOR DISCONNECT DRAWER
NOT IN CONTRACT NUMBER NOT TO SCALE	ELAST ELEC EMBED ENGR	ELASTOMRIC ELECTRICAL EMBEDD(ED)(ING) ENGINEER(ED)
OPENING(S) OPERABLE ORNAMENTAL OVERFLOW OVERHEAD	ENTR EQ EQUIP EXIST EXP JT EXPS	ENTRANCE EQUAL EQUIPMENT EXISTING EXPANSION JOINT EXPOSE(D)
PARTICI F BOARD	EXT	EXTERIOR

MISC

MLWK

MOIST

NIC

NO

OVHD

PLAS

PLYWD

PORT

PTN

RDR

RECES

PARTICLE BOARD

PLASTIC LAMINATE

PEDESTRIAN

PLASTER

PLASTIC

PLYWOOD

POLYSTYRENE

PORTABLE

PREFABRICATED

PREFINISHED PROTECTION

PARTITION

READER

RECESSED

RECEPTACLE

PANEL

FAB	FABRICATION
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER AND CABINET
FHC	FIRE HOSE CABINET
FIN	FINISH
FLDG	FOLDING
FLR	FLOOR(ING)
FPI C	FIRFPI ACF

DOLLARS

	FHC	FIRE HOSE CABINET
	FIN	FINISH
	FLDG	FOLDING
	FLR	FLOOR(ING)
	FPLC	FIREPLACE
	FR	FIRE RAT(ING)(ED)
	FRMG	FRAMING
_	FURN	FURNITURE
	FWC	FABRIC WALL COVERING
	FXD	FIXED

FIXTURE

FXTR

ABBREVIATIONS/GENERA

DESIGN

ABBREVIATIONS/GENERAL NOTES

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1	ENSURE SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE, AND FREE OF
	IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS
	HAVE BEEN CORRECTED.

- 2 REPAIR EXISTING SURFACES TO REMAIN AS REQUIRED FOR APPLICATION OF NEW
- RESILIENT BASE AT RESILIENT FLOORING, UNLESS OTHERWISE NOTED.

YPICAL MOUNTING HEIGHTS	TYPICAL MOUNTING HEIGHT

DISABLED ACCESS NOTES (CONT)

- A 44" CLEAR AISLE OR CORRIDORS WHERE OCCUPANT LOAD IS 10 OR MORE. DOORWAYS TO HAVE A 32" CLEAR OPENING.
- ON APPROACH AND 44" SPACE WHEN DOOR SWINGS AWAY FROM APPROACH.

17 TOILET ROOM ACCESSORIES

MOUNT BOTTOM EDGE MIRRORS NO HIGHER THAN 40" FROM THE FLOOR. MOUNT TOILET TISSUE DISPENSERS WITHIN 12" FROM THE FRONT EDGE OF THE TOILET SEAT.

MOUNT DISPENSING AND DISPOSAL FIXTURES (TOWEL, SANITARY NAPKINS, WASTE, COIN SLOTS, ETC.) WITH OPERATING PARTS NO HIGHER THAN 40" FROM THE FLOOR.

- 18 SINGLE ACCOMMODATION TOILET FACILITY MINIMUM CLEAR SPACE IN FRONT OF WATER CLOSET TO BE 42".
- 19 THE HEIGHT OF THE WATER CLOSET (TOP OF SEAT) SHALL BE BETWEEN 17" AND
- 20 MOUNT FLUSH VALVE CONTROL NO MORE THAN 44" ABOVE THE FLOOR. ON THE SIDE OF THE TOILET WITH THE GREATEST SEPARATION FROM ADJACENT WALL OR OTHER SURFACE.
- 21 PROVIDE 42" LONG GRAB BARS ON EACH SIDE, OR ONE SIDE AND BACK OF WATER CLOSET.

DIAMETER OF GRAB BARS TO BE 1-1/4" TO 1-1/2". PROVIDE 1-1/2" CLEARANCE BETWEEN GRAB BARS AND WALL. GRAB BARS (INCLUDING CONNECTORS, FASTENERS, SUPPORT BACKING, ETC.) SHALL SUPPORT A 250 POUND LOAD.

GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS. GRAB BARS AND ANY ADJACENT SURFACE SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.

EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".

- 22 PROVIDE A CLEAR FLOOR SPACE 30" X 48" IN FRONT OF LAVATORY TO PERMIT A FORWARD APPROACH.
- 23 MOUNT LAVATORIES WITH A MINIMUM CLEARANCE OF 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON. PROVIDE KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" IN WIDTH WITH 8" MINIMUM WIDTH, AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR A MINIMUM OF 17" DEEP FROM THE FRONT OF THE LAVATORY.
- 24 FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF CLOSING ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- 25 INSULATE OR OTHERWISE COVER HOT WATER AND DRAIN PIPES UNDER LAVATORIES.
- 26 THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

HAZARDOUS MATERIALS NOTES

- IN THE EVENT OF ASBESTOS OR OTHER TOXIC SUBSTANCE EXPOSURE OR THE SUBSTANTIAL RISK THEREOF. CLIENT WILL HAVE THE DUTY TO INFORM THE ARCHITECT OF SUCH RISKS KNOWN OR REASONABLE KNOWABLE TO CLIENT.
- 2 IF ASBESTOS OR ANY OTHER TOXIC SUBSTANCE, OR RISK TO EXPOSURE THERETO IS DISCOVERED BY ARCHITECT DURING WORK ON THE PROJECT. ARCHITECT SHALL IN ITS SOLE DISCRETION, HAVE THE RIGHT TO SUSPEND WORK ON THE PROJECT.
- 3 CLIENT SHALL HAVE THE DUTY TO PROMPTLY RETAIN A QUALIFIED EXPERT SAFELY TO REMOVE OR SUPERVISE THE REMOVAL OF SUCH ASBESTOS OR OTHER TOXIC SUBSTANCE.
- 4 CLIENT SHALL INDEMNIFY AND HOLD ARCHITECT, ITS AFFILIATES AND SUBCONTRACTORS AND THEIR OFFICERS, AGENTS AND EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITY ON THE PART OF OR DAMAGE TO SUCH FEES AND EXPENSES ARE INCLURRED, WHICH MAY RESULT IN ASBESTOS OR OTHER TOXIC SUBSTANCE EXPOSURE ON THE PROJECT.

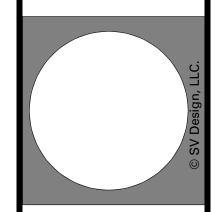
DISABLED ACCESS NOTES

- I IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS OR SPECIAL ACCESS LIFTS.
- 2 FLOOR SURFACES SHALL BE SLIP-RESISTANT.
- 3 EVERY CORRIDOR AND AISLE SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS THAN 44" IN WIDTH.
- 4 ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS WITH A SLOPE NO GREATER THAN 1:2.
- 5 LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OR TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. MOUNT DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE FINISH FLOOR.
- 6 CENTER HAND ACTIVATED DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE THE FLOOR.
- MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCED 8.5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLANE OF SLIDING OR FOLDING DOORS. CORRESPONDING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- 8 THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. PROVIDE A 10" HIGH SMOOTH PANEL ON THE PUSH SIDE OF NARROW FRAME DOORS.
- 9 EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE NOT LESS THAN 3' IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32".
- 10 WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- I I IDENTIFY ACCESSIBLE ENTRANCES WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS. AS REQUIRED. VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
- 12 THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
- 13 FLOORS OR LANDINGS SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2
- 14 CENTER ELECTRICAL RECEPTACLE OUTLETS NOT LESS THAN 18" ABOVE THE FLOOR OR WORKING PLATFORM.
- 15 SANITARY FACILITIES LOCATED ON AN ACCESSIBLE FLOOR OF A BUILDING SHALL BE ACCESSIBLE TO THE PHYSICALLY HANDICAPPED.
- 16 ENTRY TO SANITARY FACILITIES

ARREVIATIONS/GENERAL	SENEBAI	Revisions	ions	100% CD SET	July 21, 2
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DESIGN



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ABBREVIATIONS/GENERAL

NOTES CONT.

REFLECTED CEILING NOTES

- DESIGN SUSPENDED CEILING FRAMING SYSTEMS TO RESIST A LATERAL FORCE OF 20% OF THE WEIGHT OF THE CEILING ASSEMBLY AND ANY LOADS TRIBUTARY TO THE SYSTEM. USE A MINIMUM CEILING WEIGHT OF 5 POUNDS PER SQUARE FOOT TO DETERMINE THE LATERAL FORCE.
- WHERE CEILING LOADS DO NOT EXCEED 5 POUNDS PER SQUARE FOOT AND WHERE PARTITIONS ARE NOT CONNECTED TO THE CEILING SYSTEM, THE FOLLOWING BRACING METHODS MAY BE EMPLOYED:
- 2.1 PROVIDE LATERAL SUPPORT BY FOUR WIRES OF MINIMUM NO. 12 GAUGE SPLAYED IN FOUR DIRECTIONS 90 DEGREES APART, AND CONNECTED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. PROVIDE THESE LATERAL SUPPORT POINTS 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 4' FROM EACH WALL.
- 2.2 ALLOW FOR LATERAL MOVEMENT OF THE SYSTEM. ATTACH MAIN RUNNERS AND CROSS RUNNERS AT TWO ADJACENT WALLS; MAINTAIN CLEARANCE BETWEEN THE WALL AND THE RUNNERS AT THE OTHER TWO WALLS.
- 2.3 PROVIDE VERTICAL SUPPORT AS REQUIRED IN BUILDING CODES. IN ADDITION VERTICALLY SUPPORT ENDS OF RUNNERS WITHIN 8" OF DISCONTINUITIES SUCH AS MAY OCCUR WHERE THE CEILING IS INTERRUPTED BY A WALL.
- 2.4 SUPPORT LIGHT FIXTURES AND AIR DIFFUSERS DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.
- LOCATE REGISTERS AND LIGHTING FIXTURES WITHIN GRID LINES. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED FIXTURES, AND SIMILAR CEILING ELEMENTS IN ACOUSTICAL UNITS. UNLESS OTHERWISE NOTED.
- FINISH HVAC DIFFUSERS, DRAPERY POCKETS, AND SPEAKER GRILLES TO MATCH ADJACENT FINISH, UNLESS OTHERWISE NOTED.

POWER & COMMUNICATION NOTES

- PRIOR TO CORING SLAB, REVIEW LOCATIONS WITH ARCHITECT AND COORDINATE LOCATIONS WITH OWNER.
- 2 COORINDATE INSTALLATION OF TELECOMMUNICATIONS, DATA AND SECURITY SYSTEMS
- 3 VERIFY EQUIPMENT SPECIFICATIONS, POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO ENSURE PROPER FIT AND FUNCTION.
- 4 VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL, TELEPHONE AND OTHER EQUIPMENT.
- 5 GANG ADJACENT LIGHT SWITCHES AND COVER WITH A SINGLE PLATE.
- 6 PROVIDE LIGHT SWITCHING IN CONFORMANCE WITH ELECTRICAL REQUIREMENTS.
- 7 MOUNT STANDARD WALL OUTLETS, SWITCHES AND THERMOSTATS AT HEIGHTS REQUIRED BY TITLE 24 AND ADA GUIDELINES, UNLESS OTHERWISE NOTED. WHEN THERMOSTATS AND LIGHT SWITCH OCCUR TOGETHER, INSTALL BOTH ALIGNED HORIZONTALLY WITH CENTER LINE AT +3'-2" ABOVE FINISHED FLOOR.
- 8 INDICATED DIMENSIONS ARE TO THE CENTER LINE OF OUTLET OR SWITCH, OR CLUSTER OF OUTLETS OR SWITCHES, UNLESS OTHERWISE NOTED.
- 9 INSTALL OUTLETS ON OPPOSITE SIDES OF PARTITIONS IN SEPARATE STUD CAVITIES. DO NOT INSTALL BACK-TO-BACK.
- 10 PROVIDE MATCHING COVER PLATES, RECEPTACLES AND RELATED ITEMS. PROVIDE ONE-PIECE TYPE GANG COVER PLATES, UNLESS OTHERWISE NOTED.
- I I IDENTIFY DEDICATED OR ISOLATED GROUND ELECTRICAL OUTLETS WITH A RED DOT.

FINISH NOTES

- I ENSURE SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE, AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- 2 REPAIR EXISTING SURFACES TO REMAIN AS REQUIRED FOR APPLICATION OF NEW FINISHES.
- 3 PROVIDE STRAIGHT, FLUSH RESILIENT BASE AT CARPETED AREAS, AND COVED, TOP SET RESILIENT BASE AT RESILIENT FLOORING, UNLESS OTHERWISE NOTED.

FIRE DEPARTMENT NOTES

- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR, AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR OR BUILDING DEPARTMENT INSPECTOR. MAXIMUM FLOOR AREA PER EXTINGUISHER = I I,200 SF. MAXIMUM FLOOR AREA PER UNIT OF A: 3,000 SF.
- 2 PROVIDE EXIT SIGN WITH 6" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIELD INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS. COMPLY WITH BUILDING CODES.
- B PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL. COMPLY WITH BUILDING CODES.
- 4 MAINTAIN AISLES AT LEAST 44" WIDE AT PUBLIC AREAS.
- 5 EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. ALL NEW DOORS SHALL HAVE APPROVED LEVER HANDLES.
- S DOORS OPENING INTO REQUIRED 1-HOUR, FIRE-RESISTIVE CORRIDORS SHALL BE PROTECTED WITH A SMOKE OR DRAFT STOP ASSEMBLY HAVING A 20-MINUTE RATING AND SHALL BE SELF-CLOSING.
- $^{\prime}$ $\,$ 20-MINUTE DOOR JAMBS TO BE TIGHT-FITTING, SMOKE AND DRAFT CONTROLLED.
- 8 EXITS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING 50 OR MORE PERSONS AND IN ANY HAZARDOUS AREA.
- INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDOR SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING: CLASS A, FLAME SPREAD 0-25; SMOKE DEVELOPED INDEX 0-450, FOR MATERIALS INSTALLED IN VERTICAL EXITS. CLASS B, FLAME SPREAD 26-75, SMOKE DEVELOPED INDEX 0-450, FOR MATERIALS INSTALLED IN CORRIDORS AND IN USE GROUP I-4 SPACES. CLASS C, FLAME SPREAD 76-200, SMOKE DEVELOPED INDEX 0-450, FOR MATERIALS INSTALLED IN ANY OTHER LOCATION.
- 10 DECORATIONS (CURTAINS, DRAPES, SHADES, HANGERS, ETC.) SHALL BE NON-COMBUSTIBLE OR BE FLAMEPROOFED IN AN APPROVED MANNER.
- I I PROVIDE FIRE DAMPERS OR DOORS WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.
- 12 STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GAS AND HAZARDOUS SUBSTANCES SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
- 13 WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS.
- 14 EXTEND OR MODIFY EXISTING FIRE/LIFE SAFETY SYSTEM AS REQUIRED TO PROVIDE AN APPROVED FIRE/LIFE SAFETY SYSTEM. SUBMIT PLANS TO FIRE DEPARTMENT WITH COMPLETE DESCRIPTION OF SEQUENCE OF OPERATION. AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
- 15 LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
- 16 EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
- 17 EXTEND OR MODIFY EXISTING AUTOMATIC FIRE EXTINGUISHING SYSTEM AS REQUIRED TO PROVIDE AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM. SUBMIT PLANS TO FIRE DEPARTMENT AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
- 18 AUTOMATIC SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPROVED CENTRAL, PROPRIETARY OR REMOTE STATION SERVICE OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION.

ABBREVIATIONS (CONT)

Τ		REF	REFER(ENCE)
T\$G	TONGUE AND GROOVE	REFL	REFLECTED
THK	THICK	REFR	REFRIGERATOR
TLT	TOILET	REINF	REINFORCE(D)(ING)(MENT)
TRAF	TRAFFIC	REQD	REQUIRED
TRANS	TRANSPARENT	RESIL	RESILIENT
TRTD	TREATED	RESIS	RESIST(ANT)(IVE)
TYP	TYPICAL	RFG	ROOFING
U		RM	ROOM
UNDRLAY	UNDERLAYMENT	RO	ROUGH OPENING
UNO	UNLESS NOTED OTHERWISE	5	
UTIL	UTILITY	SCR	SCRIBE
\vee		SECUR	SECURITY
VEH	VEHICLE	SF	SQUARE FEET
VERT	VERTICAL	SGL	SINGLE
VIF	VERIFY IN FIELD	SHORG	SHORING
W		SIM	SIMILAR
W/	WITH	SST	STAINLESS STEEL
W/O	WITHOUT	STD	STANDARD
WC	WATER CLOSET	STL	STEEL
WD	WOOD	STRFR	STOREFRONT
WDW	WINDOW	STRUCT	STRUCTURAL
WT	WEIGHT	SURF	SURFACE
WTRPRF	WATERPROOFING	SUSP	SUSPENDED
		SYS	SYSTEM(S)

GENERAL NOTES

- COMPLY WITH CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK.
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TO ALIGN WITH AND FIT WITHIN NEW CONSTRUCTION.

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ABBREVIATIONS

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GR	GRAD(E)(ING)	ARCH	ARCHITECTURAL
GYP	GYPSUM	AUTO	AUTOMATIC
Н		AVG	AVERAGE
HD	HEAD	# #	AND
HDWD	HARDWOOD	B	AND
HDWE	HARDWARE		BOADD
НМ	HOLLOW METAL	BD	BOARD
HORIZ	HORIZONTAL	BLDG	BUILDING
HVAC	HEATING, VENTILATING, AND	BLKG	BLOCKING
	AIR CONDITIONING	BOLLD	BOLLARD
1		BRDLM	BOARDLOOM
INFILTR	INFILTRATION	BU	BUILT UP
INFO	INFORMATION	<u>C</u>	
INSTRUM	INSTRUMENT(ATION)	CAB	CABINET
INSUL	INSULATION	CEM	CEMENT(ITIOUS)
INT	INTERIOR	CER	CERAMIC
INTLK	INTERLOCK(ING)	CLG	CEILING
J	11121(200)(1110)	CMU	CONCRETE MASONRY UNIT
JAN	JANITOR	COATG	COATING
K	SAMITOR	COILG	COILING
KIT	KITCHEN	CONC	CONCRETE
	NITOTILN	CONSTR	CONSTRUCTION
LAV	LAVATORY	CONT	CONTINUOUS(ATION)
		CONTR	CONTRACT(OR)
LB	POUND	COV	COVER
LT	LIGHT	CPT	CARPET
£	BRITISH POUND (CURRENCY)	D	
LVLG	LEVELING	DBL	DOUBLE
LVR	LOUVER	DEPT	DEPARTMENT
M		DES	DESIGN(ED)
MAX	MAXIMUM	DET	DETAIL
MECH	MECHANICAL	DF	DRINKING FOUNTAIN
MEMB	MEMBRANE	DIA	DIAMETER
MET	METAL	DIFF	DIFFUSER
MEZZ	MEZZANINE		·
MFD	MANUFACTURED	DIM	DIMENSION

MEZZANINE	
MANUFACTURED	DIM
MANUFACTURER	DISF
MINIMUM	DIV
MISCELLANEOUS	DN
MILLWORK	\$
MOISTURE	DR
MOTOR(IZED)	DSC
MOUNTED	DWR
	E
NOT IN CONTRACT	ELAS
NUMBER	ELEC
NOT TO SCALE	EMB
	ENG
OPENING(S)	ENT
OPERABLE	EQ
ORNAMENTAL	EQU
OVERFLOW	EXIS
OVERHEAD	EXP
	EXPS
PARTICLE BOARD	EXT
• •	F

MFR

MIN

MISC

MLWK

MOIST

MOT

NIC

NTS

OPNG

OPR

OVHD

PLAS

PLYWD

POLYST

PORT

PTN

RDR

RECES

PEDESTRIAN

PLASTER

PLASTIC

PLYWOOD

POLYSTYRENE

PREFABRICATED

PREFINISHED PROTECTION

PARTITION

READER

RECESSED RECEPTACLE

PORTABLE

PANEL

PLASTIC LAMINATE

EXPS	EXPOSE(D)
EXT	EXTERIOR
F	
FAB	FABRICATION
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER AND
	CABINET
FHC	FIRE HOSE CABINET
FIN	FINISH
FLDG	FOLDING
FLR	FLOOR(ING)
FPLC	FIREPLACE
FR	FIRE RAT(ING)(ED)
FRMG	FRAMING
	EXT F FAB FD FE FEC FHC FIN FLDG FLR FPLC FR

	CABINET
FHC	FIRE HOSE CABI
FIN	FINISH
FLDG	FOLDING
FLR	FLOOR(ING)
FPLC	FIREPLACE
FR	FIRE RAT(ING)(ED
FRMG	FRAMING
 FURN	FURNITURE

FPLC	FIREPLACE
FR	FIRE RAT(ING)(ED)
FRMG	FRAMING
FURN	FURNITURE
FWC	FABRIC WALL COVERING
FXD	FIXED
FXTR	FIXTURE

DISPENSER

DIVISION

DOWN

DOLLARS

DISCONNECT

ELASTOMRIC

ELECTRICAL

EMBEDD(ED)(ING)

ENGINEER(ED) ENTRANCE

EQUAL

EQUIPMENT

EXPANSION JOINT

EXISTING

DOOR

DRAWER

ABBREVIATIONS/GENERA

DESIGN

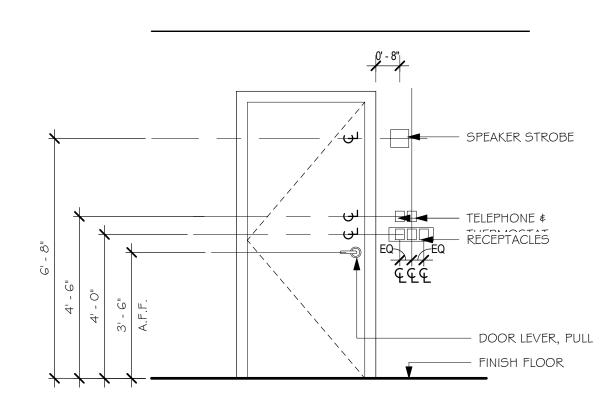
ABBREVIATIONS/GENERAL NOTES

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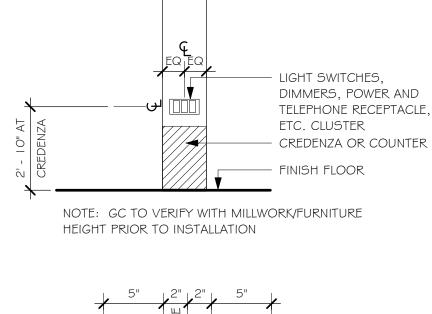
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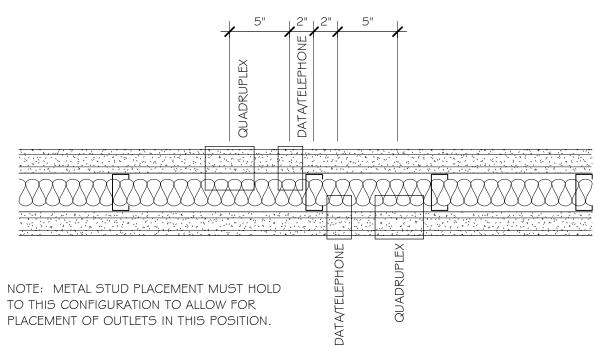
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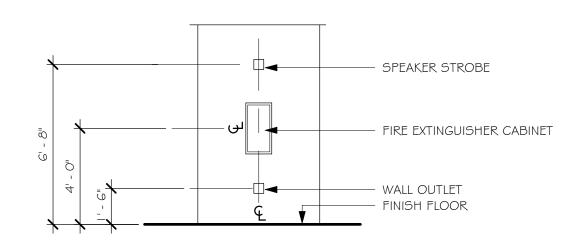
TYPICAL MOUNTING HEIGHTS

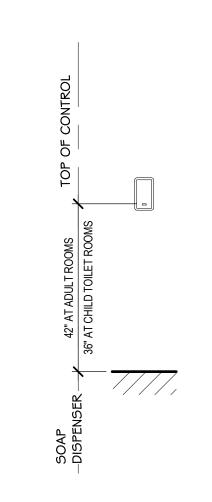


NOTE: COORDINATE LOCATION OF OUTLETS WITH FINISH WALL PANEL JOINTS BEFORE SETTING OUTLETS IN GYPSUM BOARD/METAL STUD PARTITION

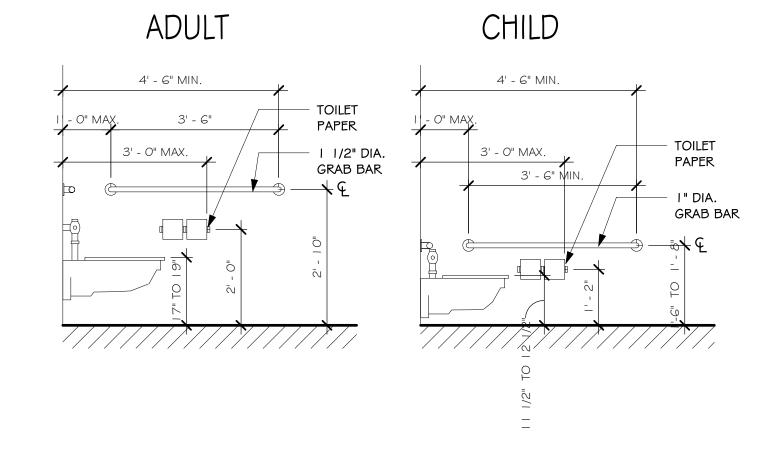


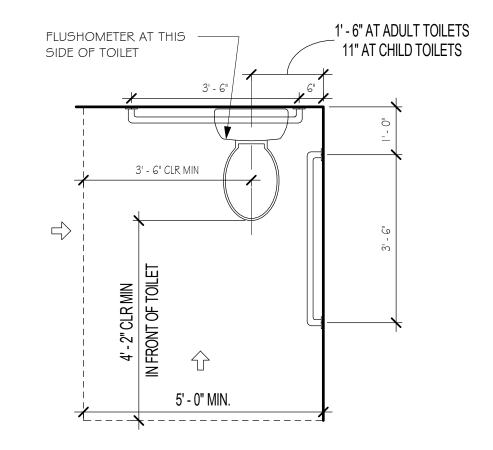


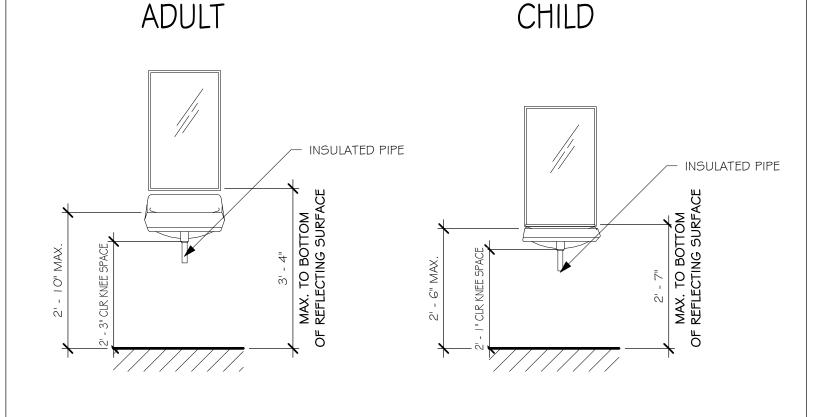


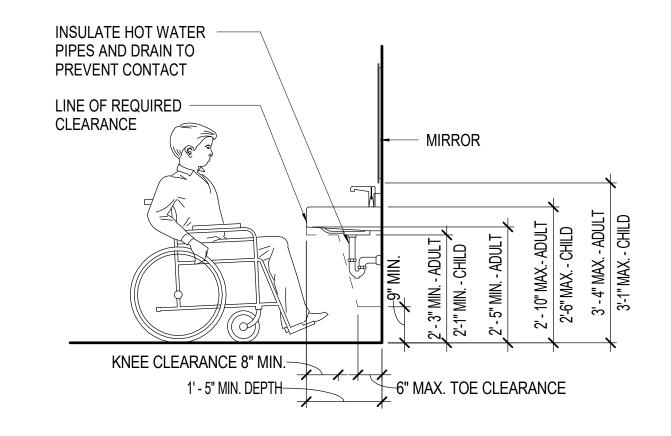


TYPICAL MOUNTING HEIGHTS









DISABLED ACCESS NOTES (CONT)

- A 44" CLEAR AISLE OR CORRIDORS WHERE OCCUPANT LOAD IS 10 OR MORE.

 DOORWAYS TO HAVE A 32" CLEAR OPENING.

 ON APPROACH AND 44" SPACE WHEN DOOR SWINGS AWAY FROM APPROACH.

17 TOILET ROOM ACCESSORIES

- MOUNT BOTTOM EDGE MIRRORS NO HIGHER THAN 40" FROM THE FLOOR.

 MOUNT TOILET TISSUE DISPENSERS WITHIN 12" FROM THE FRONT EDGE OF THE TOILET SEAT.
- MOUNT DISPENSING AND DISPOSAL FIXTURES (TOWEL, SANITARY NAPKINS, WASTE, COIN SLOTS, ETC.) WITH OPERATING PARTS NO HIGHER THAN 40" FROM THE FLOOR.
- 18 SINGLE ACCOMMODATION TOILET FACILITY

 MINIMUM CLEAR SPACE IN FRONT OF WATER CLOSET TO BE 42".
- 19 THE HEIGHT OF THE WATER CLOSET (TOP OF SEAT) SHALL BE BETWEEN 17" AND
- 20 MOUNT FLUSH VALVE CONTROL NO MORE THAN 44" ABOVE THE FLOOR, ON THE SIDE OF THE TOILET WITH THE GREATEST SEPARATION FROM ADJACENT WALL OR OTHER SURFACE.
- 21 PROVIDE 42" LONG GRAB BARS ON EACH SIDE, OR ONE SIDE AND BACK OF WATER CLOSET.
- DIAMETER OF GRAB BARS TO BE 1-1/4" TO 1-1/2".

 PROVIDE 1-1/2" CLEARANCE BETWEEN GRAB BARS AND WALL.

 GRAB BARS (INCLUDING CONNECTORS, FASTENERS, SUPPORT BACKING, ETC.)

 SHALL SUPPORT A 250 POUND LOAD.
- GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

 GRAB BARS AND ANY ADJACENT SURFACE SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.
- EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
- 22 PROVIDE A CLEAR FLOOR SPACE 30" X 48" IN FRONT OF LAVATORY TO PERMIT A FORWARD APPROACH.
- 23 MOUNT LAVATORIES WITH A MINIMUM CLEARANCE OF 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON. PROVIDE KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" IN WIDTH WITH 8" MINIMUM WIDTH, AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR A MINIMUM OF 17" DEEP FROM THE FRONT OF THE LAVATORY.
- 24 FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF CLOSING ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- 25 INSULATE OR OTHERWISE COVER HOT WATER AND DRAIN PIPES UNDER LAVATORIES.
- 26 THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

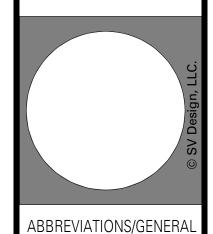
DISABLED ACCESS NOTES

- I IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS OR SPECIAL ACCESS LIFTS.
- 2 FLOOR SURFACES SHALL BE SLIP-RESISTANT.
- 3 EVERY CORRIDOR AND AISLE SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS THAN 44" IN WIDTH.
- 4 ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS WITH A SLOPE NO GREATER THAN 1:2.
- 5 LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OR TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. MOUNT DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE FINISH FLOOR.
- 6 CENTER HAND ACTIVATED DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE THE FLOOR.
- 7 MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCED 8.5
 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS,
 MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLANE OF
 SLIDING OR FOLDING DOORS. CORRESPONDING DEVICES OR AUTOMATIC DOOR
 OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM
 EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED
 15 POUNDS.
- THE BOTTOM IO" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. PROVIDE A IO" HIGH SMOOTH PANEL ON THE PUSH SIDE OF NARROW FRAME DOORS.
- 9 EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE NOT LESS THAN 3' IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32".
- 10 WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- I I IDENTIFY ACCESSIBLE ENTRANCES WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
- 12 THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
- 13 FLOORS OR LANDINGS SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2
- 14 CENTER ELECTRICAL RECEPTACLE OUTLETS NOT LESS THAN 18" ABOVE THE FLOOR OR WORKING PLATFORM.
- I 5 SANITARY FACILITIES LOCATED ON AN ACCESSIBLE FLOOR OF A BUILDING SHALL BE ACCESSIBLE TO THE PHYSICALLY HANDICAPPED.
- I 6 ENTRY TO SANITARY FACILITIES

SE.	ABBREVIATIONS/GENE NOTES CONT.	H H
	Scale: As indicated	
	Drawn By: Author	Checke
	Dato: line 2 2023	Project

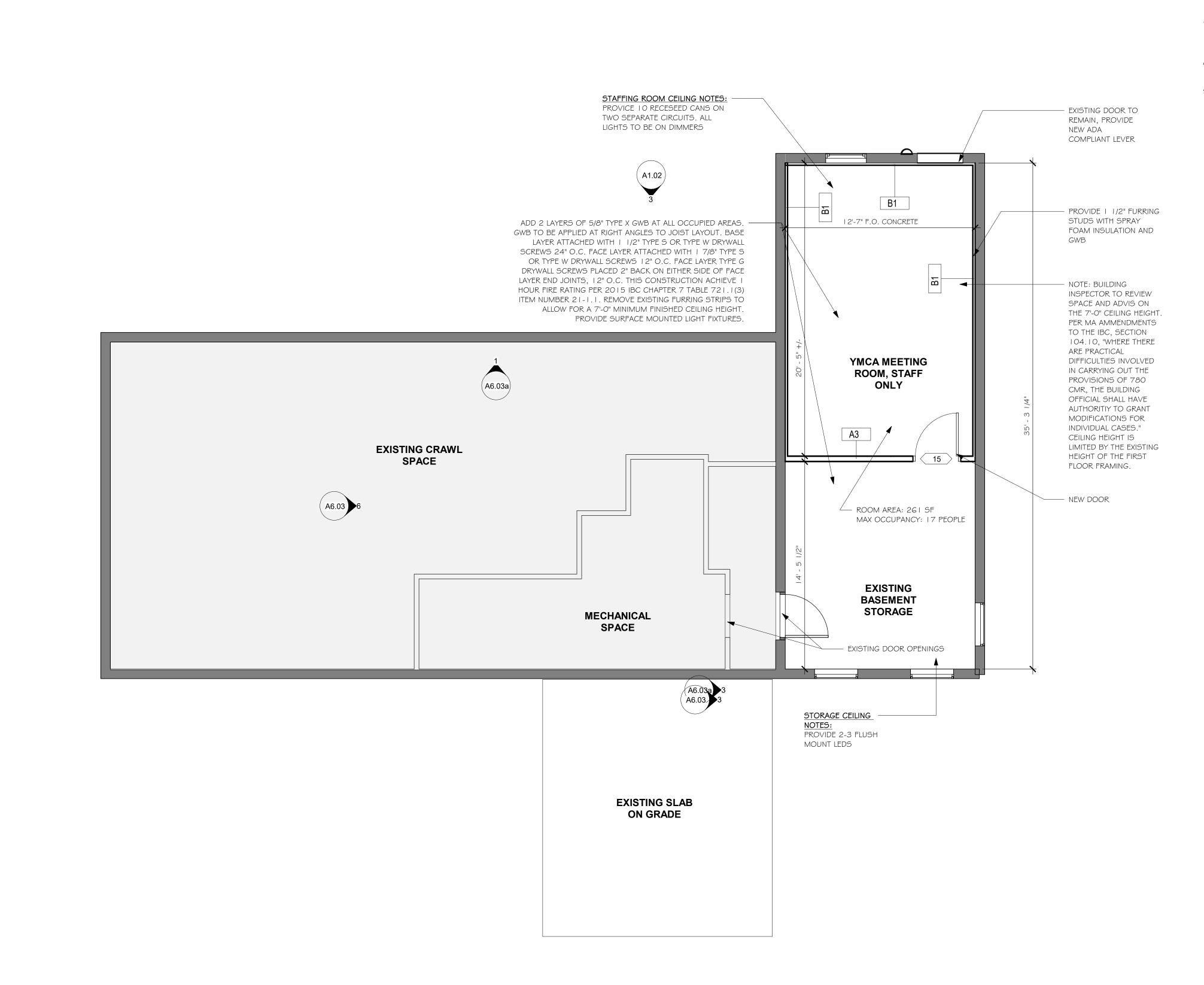
YMCA GILMORE HOUSE DAYCAF 351 Pleasant Lake Ave, Harwich, MA SV DESIGN 126 Dodge Street Beverly, MA 01915 www.svdesign.com t 978.927.3745





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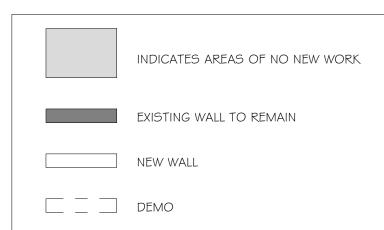
NOTES CONT.



GENERAL NOTES:

- I. ALL NEW PARTITIONS TO BE TYPE "A3", UON.
- 3. GC TO PROVIDE REQUIRED BLOCKING IN WALL LOCATIONS FOR ALL WALL HUNG MILLWORK, ACCESSORIES, AND
- 4. DOORS TO BE 4". FROM CORNER UNLESS OTHERWISE NOTED. CLOSET DOORS SHALL BE CENTERED ON CLOSET
- 5. AT ALL DUCTS AND PIPES THAT PENETRATE FLOORS, THE ANNULAR SPACE AROUND THESE ITEMS SHALL BE FILLED WITH AN APPROVED MATERIAL TO RESIST THE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION, SUCH AS ROXUL OR
- WALL CONSTRUCTION AND WALL BASE.
- 7. ALL DIMENSIONS ARE TO FACE OF STUD AT NEW WALLS OR FACE OF WALL AT EXISTING WALLS, UNLESS OTHERWISE SHOWN OR NOTED.
- 8. ALL NEW DOORS SHOWN OPEN 90 DEGREES AND LABELED
- 9. ALL FLOORING WILL BE VINYL.
- CLASSROOM AREAS TO LIMIT WINDOW OPENING TO 3.75".
- I I . PROVIDE R I 5 FIBERGLASS INSULATION TO BE INSTALLED IN ALL EXTERIOR WALLS.
- WALLS.
- 14. 1/2" DRYWALL INSTALLED IN WALLS AND CEILINGS, TAPED AND FINISHED.
- 15. ALL CASING AND BASEBOARD TO BE 1X4 PAINTED LUMBER.

NEW/EXISTING LEGEND



2. MEP TO BE DESIGN BUILD.

FURNITURE

6. AT ALL INFILL WALLS AT REMOVED ITEMS, MATCH EXISTING

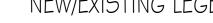
WITH A DOOR TAG. ALL OTHERS ARE EXISTING TO REMAIN.

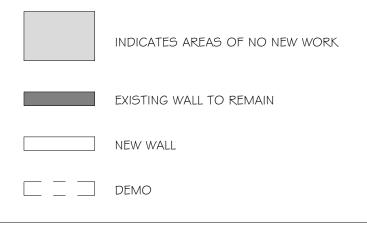
IO. ALL WINDOWS TO REMAIN. ADD STOPS TO ALL WINDOWS AT

I 2. PROVIDE R38 BLOWN IN FIBERGLASS INSULATION IN

13. ROXUL MINERAL WOOL SOUND INSULATION IN BATHROOM

I 6. "EX" NOTATION SIGNIFIES EXISTING TO REMAIN.





DESIGN

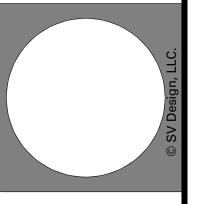
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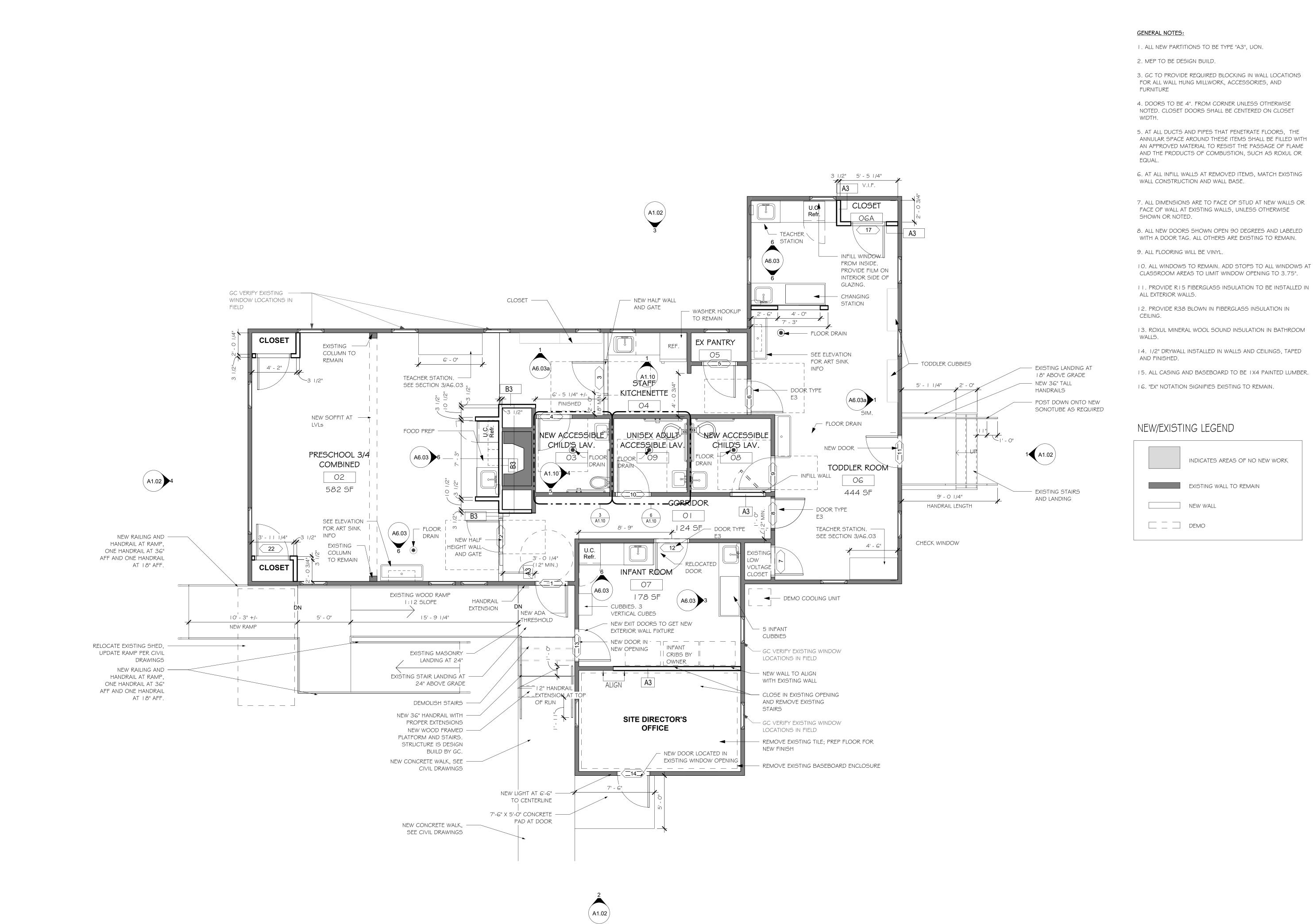
351



BASEMENT PLAN

A1.00

BASEMENT
| 1/4" = 1'-0"



IO. ALL WINDOWS TO REMAIN. ADD STOPS TO ALL WINDOWS AT

FIRST FLOOR PLAN

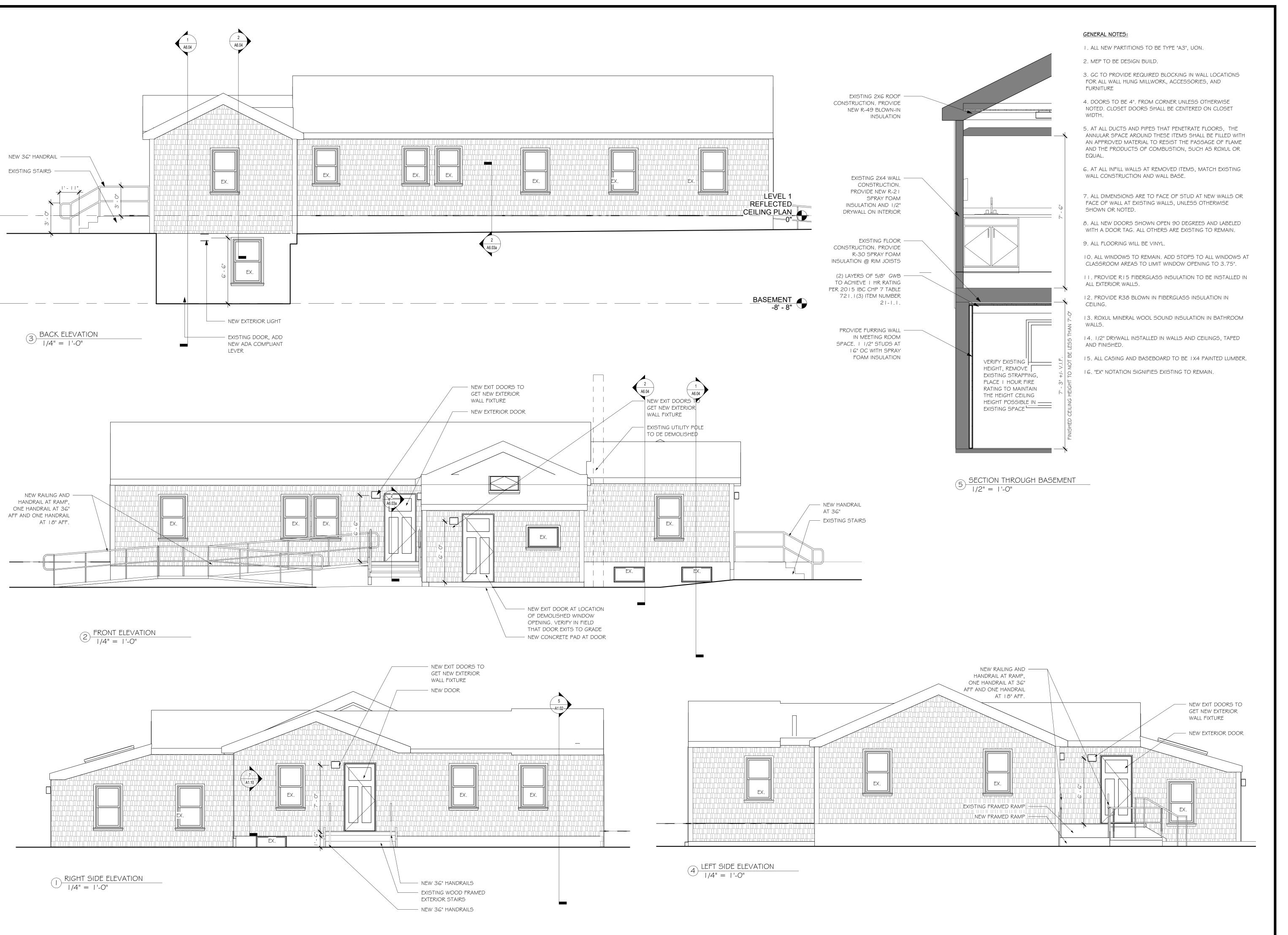
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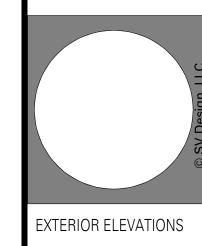
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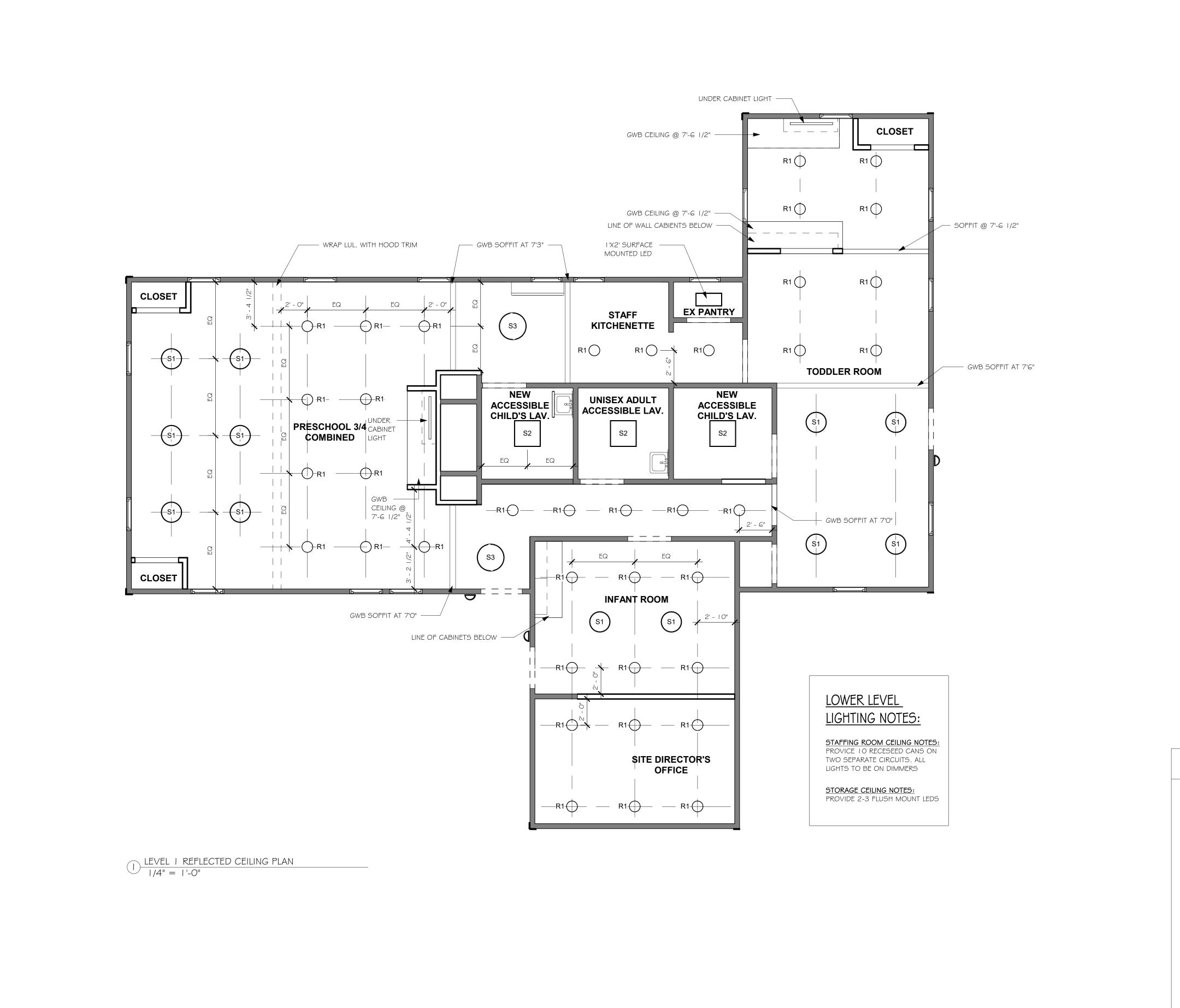
ELEVATION ERIOR Harwich

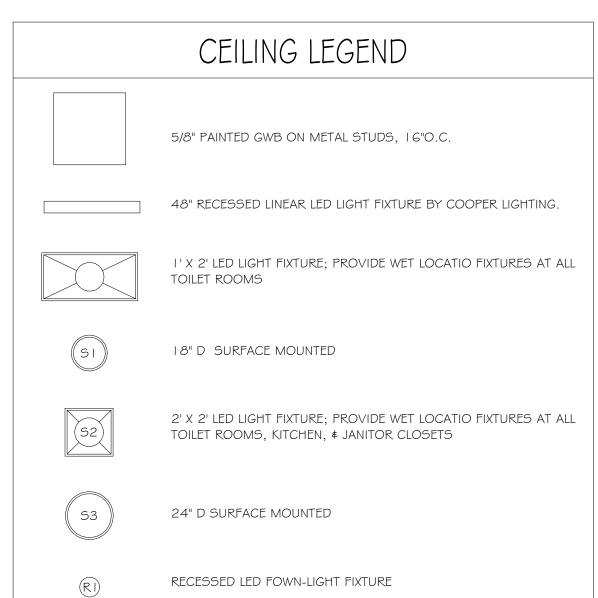
YMCA GILMORE HOUSE D. 351 Pleasant Lake Ave, Harwich, MA

D E S I G N



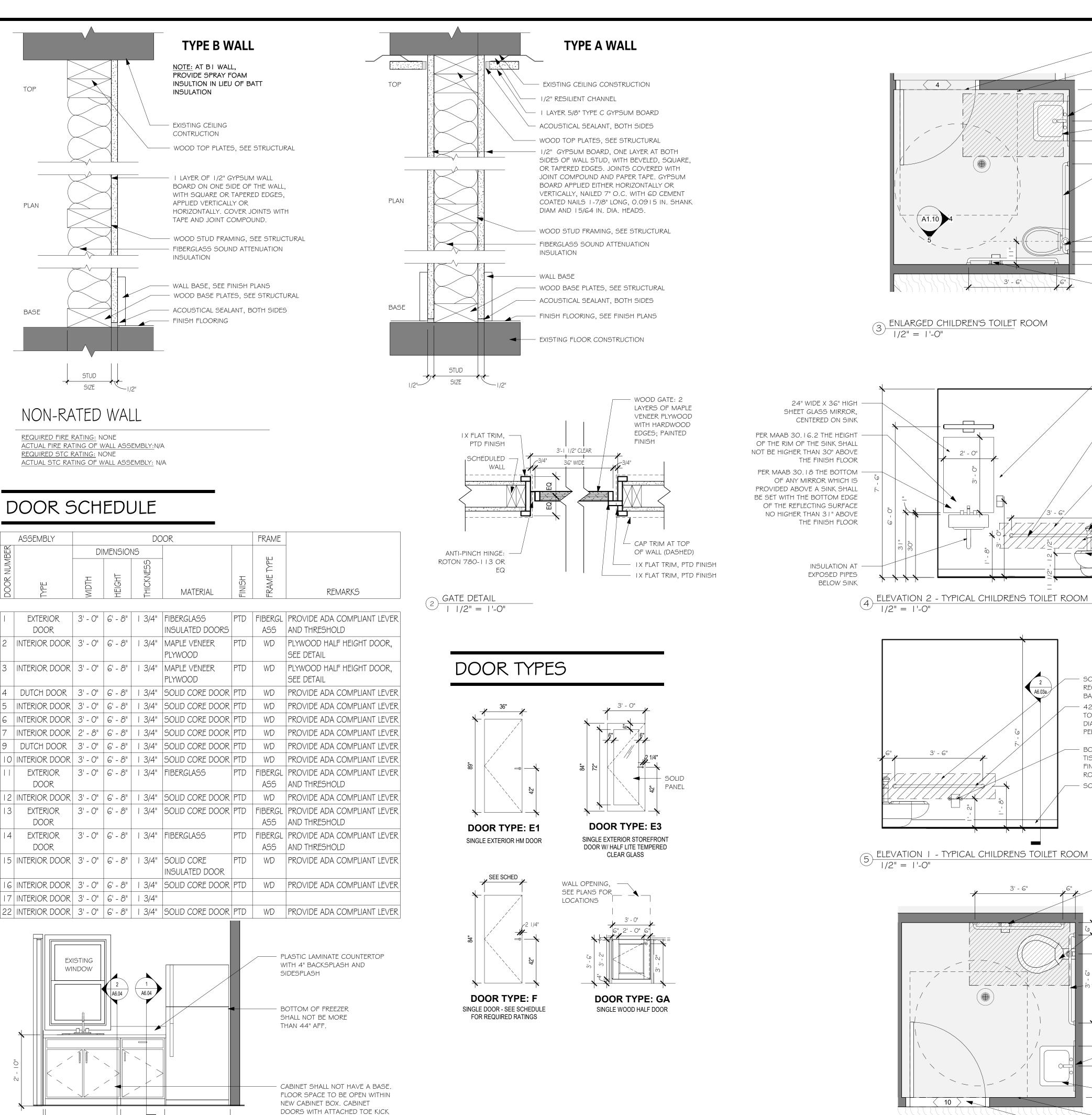
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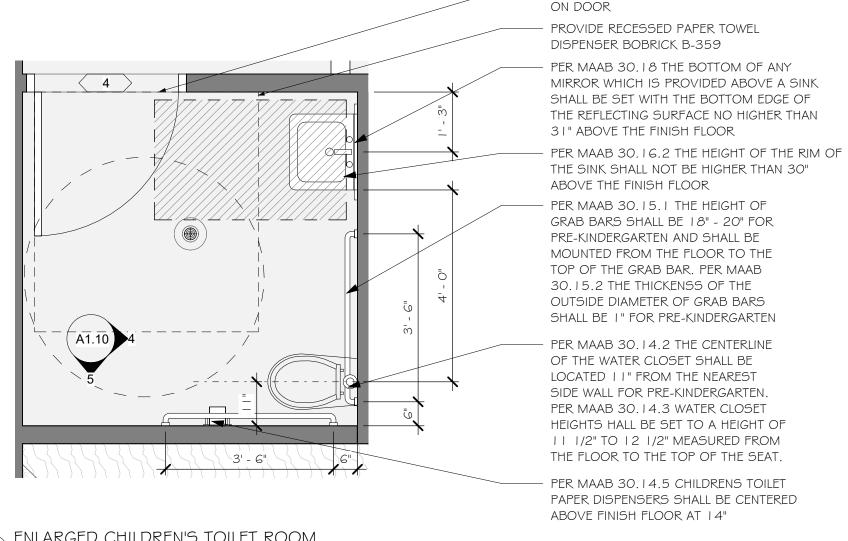




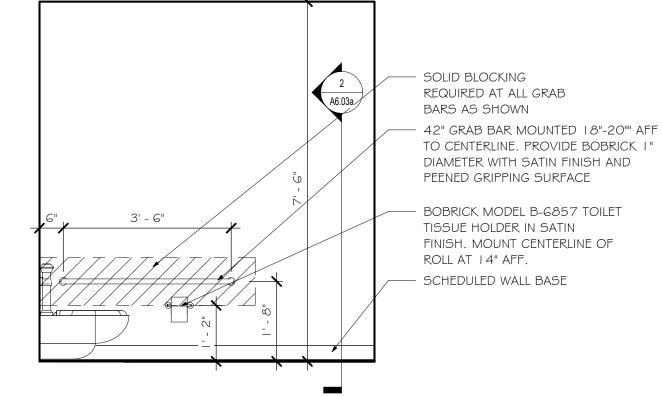
 \geq Harwich, Pleasant 351 DESIGN CEILING PLAN

A2.00

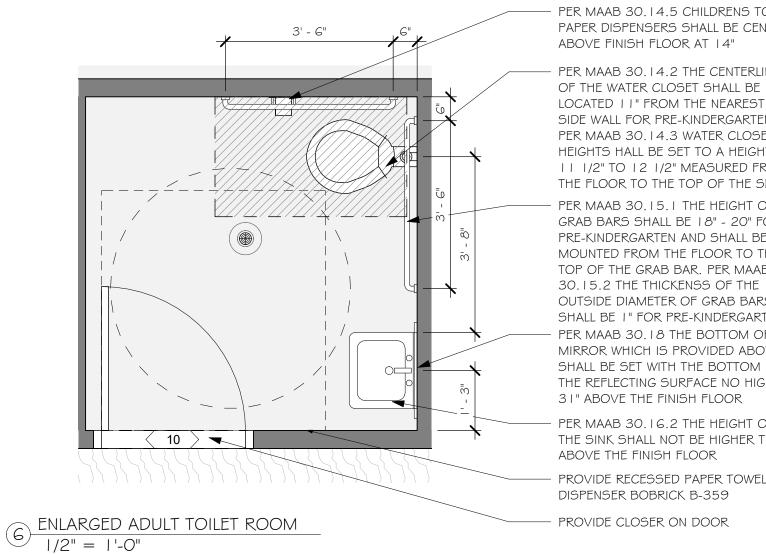




3 ENLARGED CHILDREN'S TOILET ROOM 1/2" = 1'-0"SURFACE MOUNTED SOAP DISPENSER, BOBRICK MODEL B-4112 PER MAAB 30.15.1 THE HEIGHT OF GRAB BARS SHALL BE 18" - 20" FOR PRE-KINDERGARTEN AND SHALL BE MOUNTED FROM THE FLOOR TO THE TOP OF THE GRAB BAR. PER MAAB 30.15.2 THE THICKENSS OF THE OUTSIDE DIAMETER OF GRAB BARS SHALL BE I" FOR PRE-KINDERGARTEN BLOCKING REQUIRED AT ALL GRAB BARS AS SHOWN PER MAAB 30.14.2 THE CENTERLINE OF THE WATER CLOSET SHALL BE LOCATED II" FROM THE NEAREST SIDE WALL FOR PRE-KINDERGARTEN. PER MAAB 30.14.3 WATER CLOSET HEIGHTS HALL BE SET TO A HEIGHT OF THE FLOOR TO THE TOP OF THE SEAT. - FLUSH CONTROL ON THIS SIDE PER MAAB 30.14.5 CHILDRENS TOILET PAPER DISPENSERS SHALL BE CENTERED ABOVE FINISH FLOOR AT 14" WALL HUNG TOILET







PER MAAB 30.14.5 CHILDRENS TOILET PAPER DISPENSERS SHALL BE CENTERED ABOVE FINISH FLOOR AT 14" PER MAAB 30.14.2 THE CENTERLINE

- RUBBER BASE

LOCATED II" FROM THE NEAREST SIDE WALL FOR PRE-KINDERGARTEN. PER MAAB 30.14.3 WATER CLOSET HEIGHTS HALL BE SET TO A HEIGHT OF THE FLOOR TO THE TOP OF THE SEAT. PER MAAB 30.15.1 THE HEIGHT OF GRAB BARS SHALL BE 18" - 20" FOR PRE-KINDERGARTEN AND SHALL BE MOUNTED FROM THE FLOOR TO THE TOP OF THE GRAB BAR. PER MAAB 30.15.2 THE THICKENSS OF THE OUTSIDE DIAMETER OF GRAB BARS SHALL BE I" FOR PRE-KINDERGARTEN PER MAAB 30.18 THE BOTTOM OF ANY MIRROR WHICH IS PROVIDED ABOVE A SINK SHALL BE SET WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 3 I " ABOVE THE FINISH FLOOR PER MAAB 30.16.2 THE HEIGHT OF THE RIM OF

THE SINK SHALL NOT BE HIGHER THAN 30" ABOVE THE FINISH FLOOR PROVIDE RECESSED PAPER TOWEL

DISPENSER BOBRICK B-359 PROVIDE CLOSER ON DOOR

GENERAL NOTES:

PROVIDE CLOSER

I. ALL NEW PARTITIONS TO BE TYPE "A3", UON.

2. MEP TO BE DESIGN BUILD.

3. GC TO PROVIDE REQUIRED BLOCKING IN WALL LOCATIONS FOR ALL WALL HUNG MILLWORK, ACCESSORIES, AND FURNITURE

4. DOORS TO BE 4". FROM CORNER UNLESS OTHERWISE NOTED. CLOSET DOORS SHALL BE CENTERED ON CLOSET

5. AT ALL DUCTS AND PIPES THAT PENETRATE FLOORS, THE ANNULAR SPACE AROUND THESE ITEMS SHALL BE FILLED WITH AN APPROVED MATERIAL TO RESIST THE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION, SUCH AS ROXUL OR

6. AT ALL INFILL WALLS AT REMOVED ITEMS, MATCH EXISTING WALL CONSTRUCTION AND WALL BASE.

7. ALL DIMENSIONS ARE TO FACE OF STUD AT NEW WALLS OR FACE OF WALL AT EXISTING WALLS, UNLESS OTHERWISE SHOWN OR NOTED.

8. ALL NEW DOORS SHOWN OPEN 90 DEGREES AND LABELED WITH A DOOR TAG. ALL OTHERS ARE EXISTING TO REMAIN.

9. ALL FLOORING WILL BE VINYL.

IO. ALL WINDOWS TO REMAIN. ADD STOPS TO ALL WINDOWS AT CLASSROOM AREAS TO LIMIT WINDOW OPENING TO 3.75".

II. PROVIDE RIS FIBERGLASS INSULATION TO BE INSTALLED IN ALL EXTERIOR WALLS.

CEILING. 13. ROXUL MINERAL WOOL SOUND INSULATION IN BATHROOM

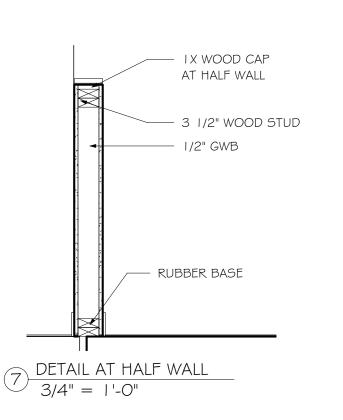
12. PROVIDE R38 BLOWN IN FIBERGLASS INSULATION IN

14. 1/2" DRYWALL INSTALLED IN WALLS AND CEILINGS, TAPED AND FINISHED.

15. ALL CASING AND BASEBOARD TO BE 1X4 PAINTED LUMBER.

16. "EX" NOTATION SIGNIFIES EXISTING TO REMAIN.

TOILET ROOM ACCESSORY SCHEDULE				
CHANNEL FRAME MIRROR AT	MOUNT 30" AFF TO BOTTOM			
PUBLIC TOILET ROOMS	OF MIRROR			
PAPER TOWEL DISPENSER	MOUNT PER MANUFACTURER			
	ADA GUIDELINE. BOBRICK			
	B-359			
SURFACE MOUNTED SOAP	CHECK DRAWINGS FOR			
DISPENSER	MOUNTING HEIGHTS.			
	PROVIDE BOBRICK B-4 2			
TOILET GRAB BARS - TWO	I" DIAMETER, MOUNT AT 18"			
AT 42"	- 20" AFF			



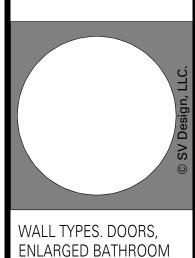
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DESIGN



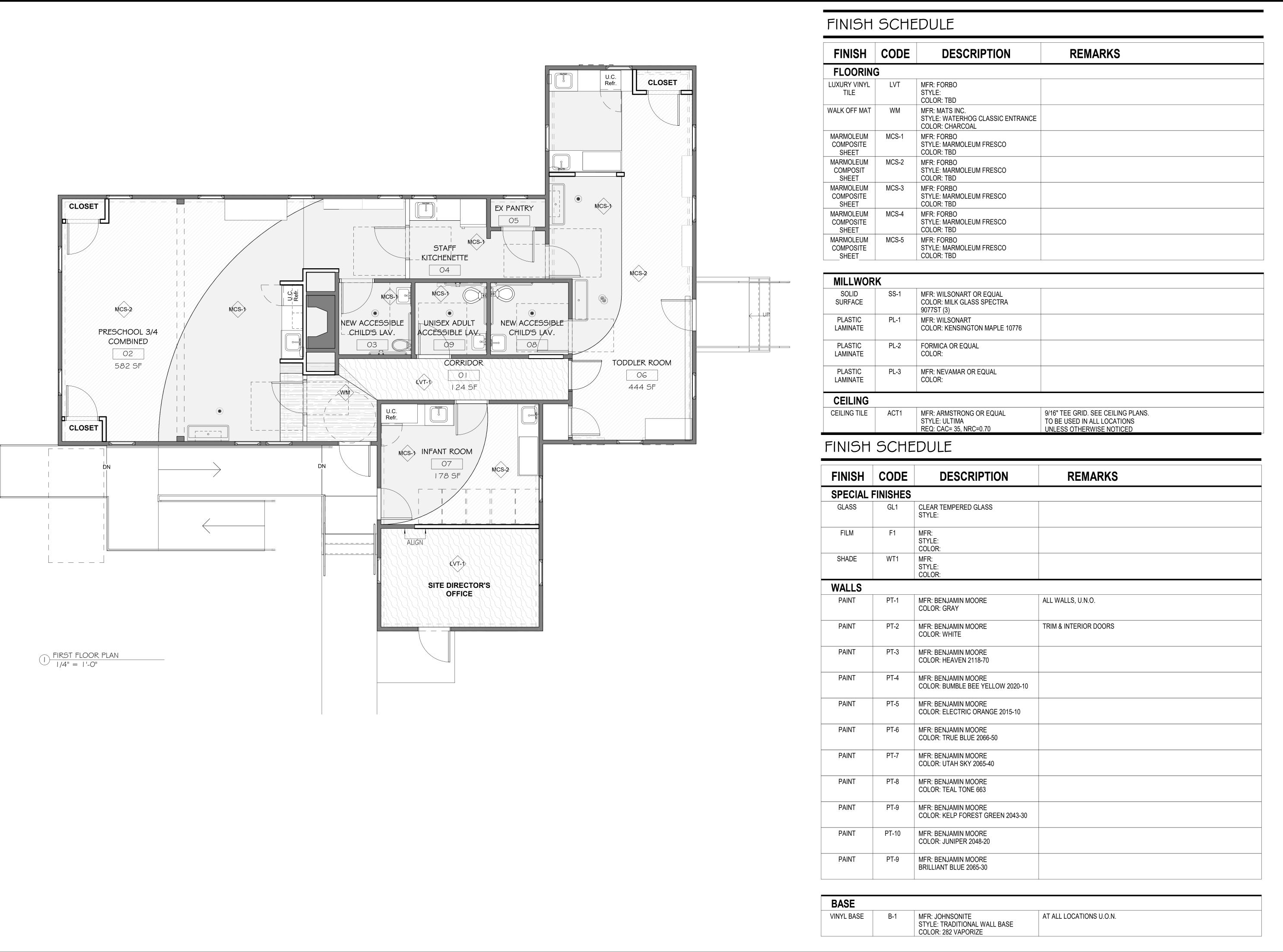
STAFF KITCHENETTE ELEVATION

1/2" = 1'-0"

31 1/4" +/-

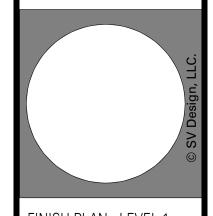
TO FULLY OPEN TO ALLOW

WHEELCHAIR FRONT ACCESS



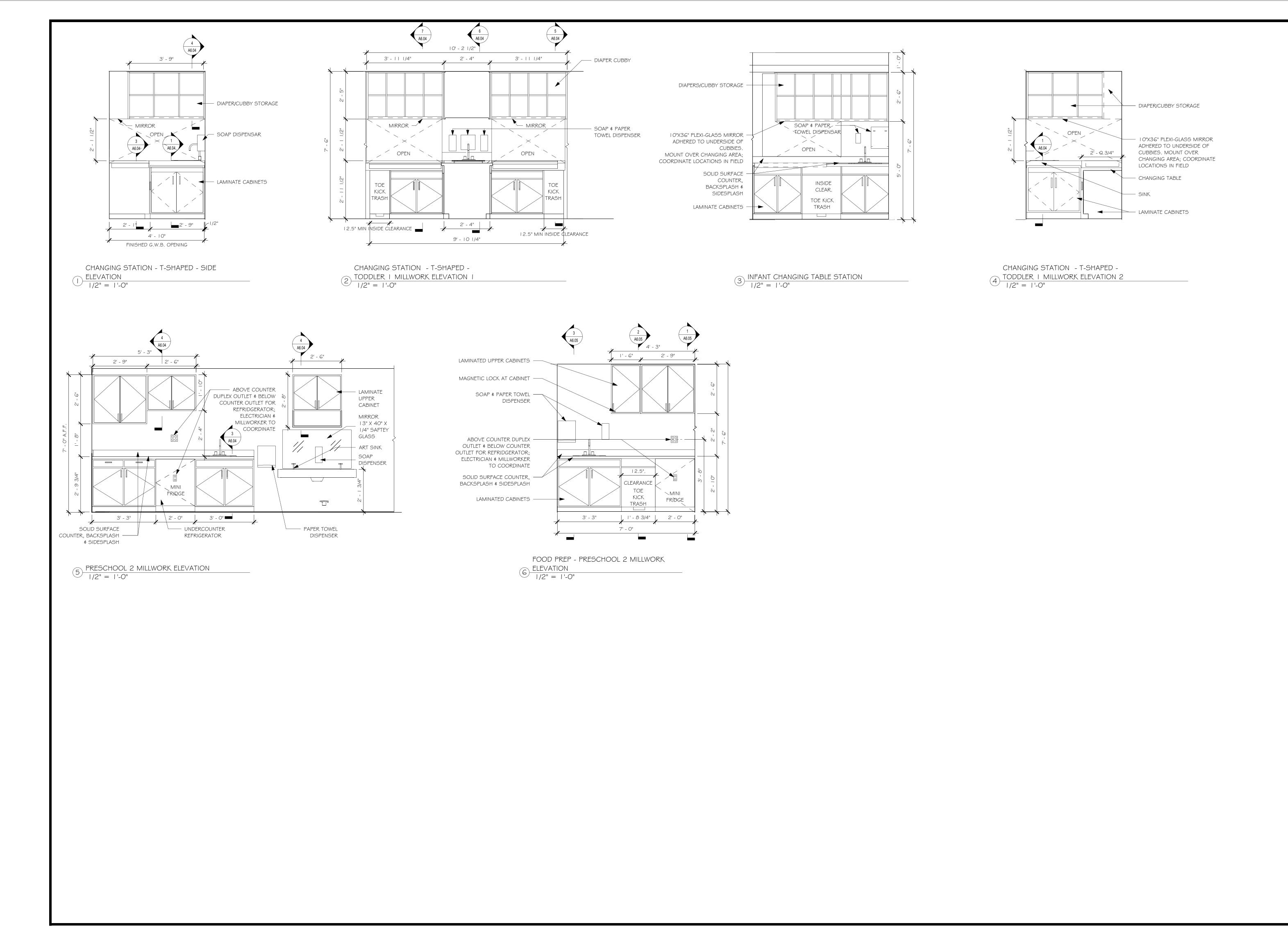
 \geq Harwich, ake 35

DESIGN

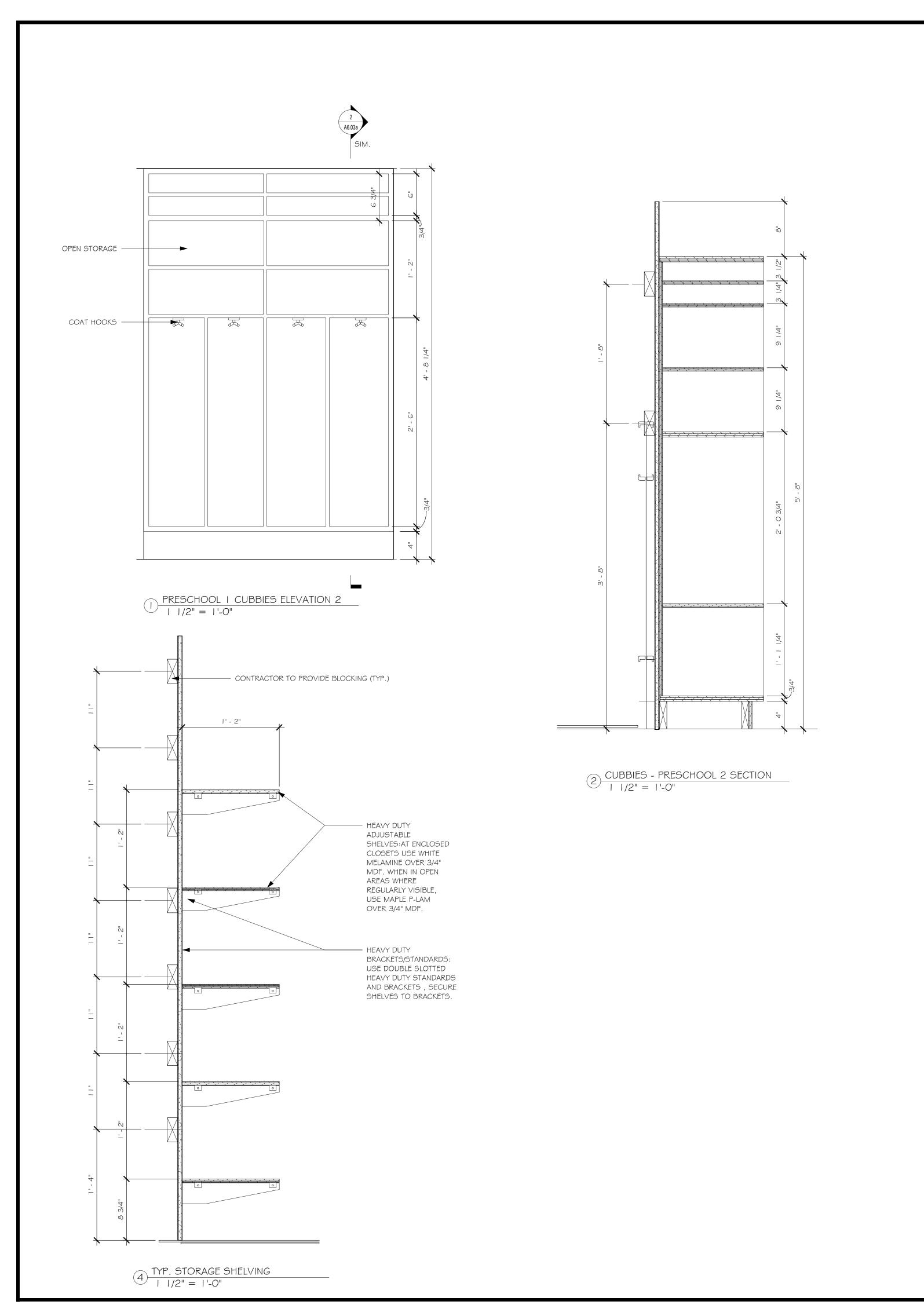


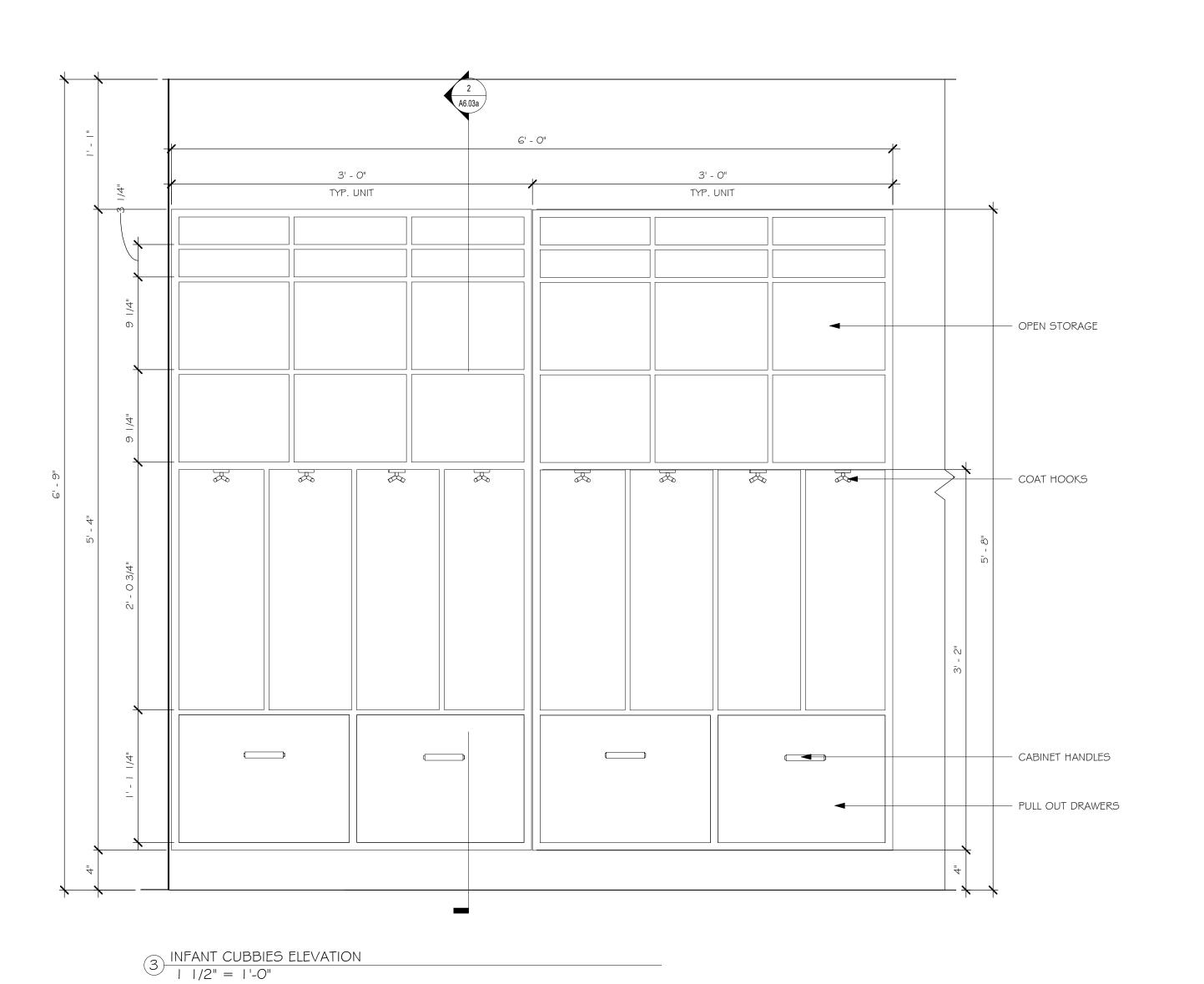
FINISH PLAN - LEVEL 1

A3.00



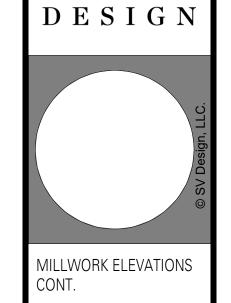
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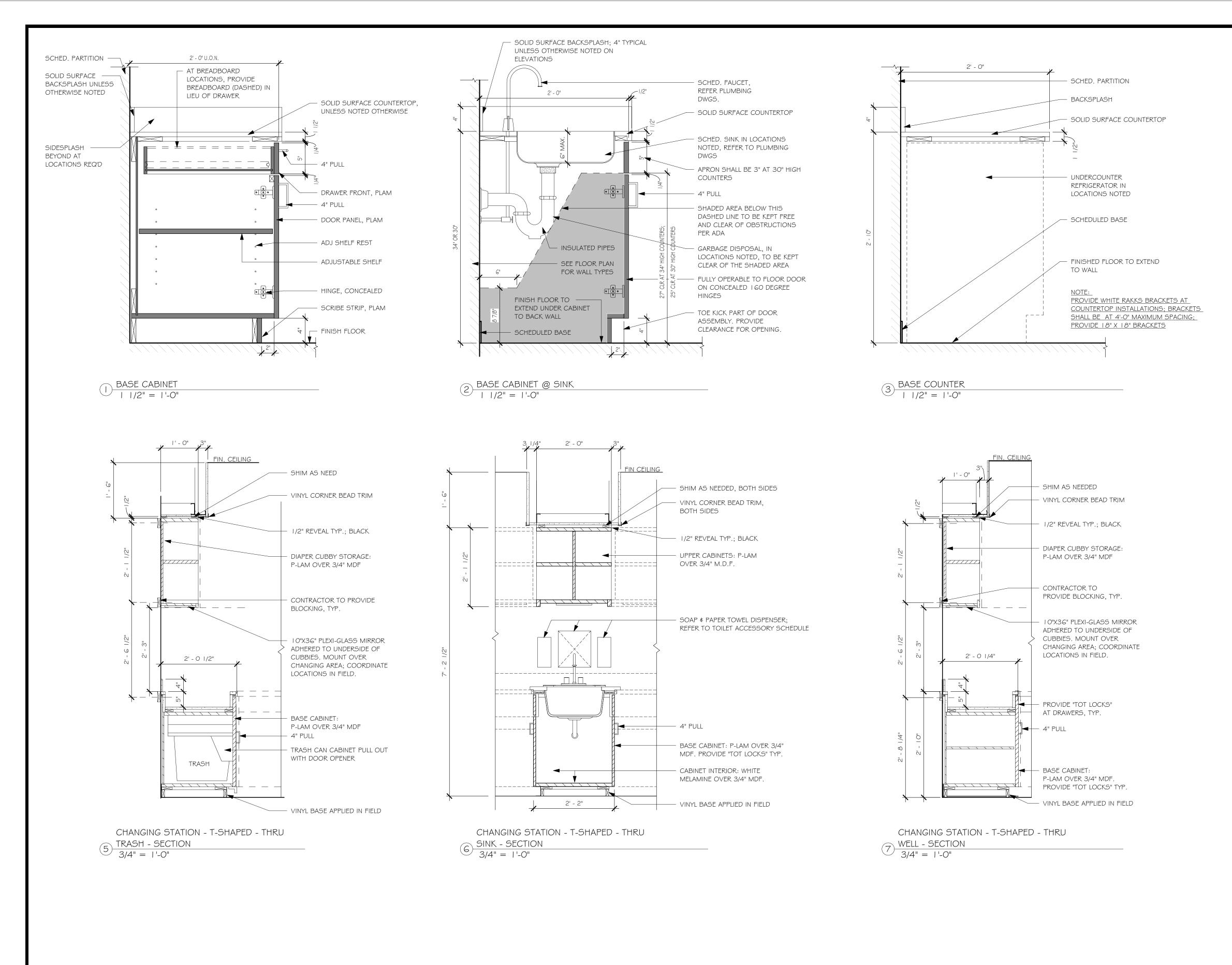


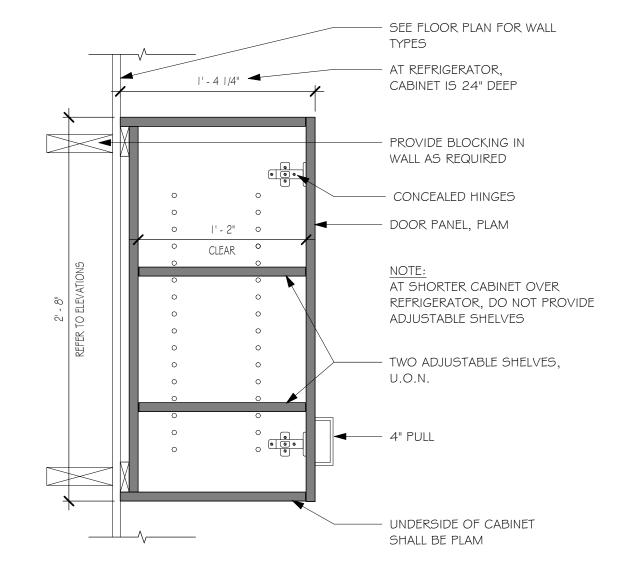


MILLWORK ELEVATIONS CONT



A6.03a



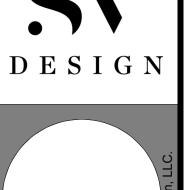


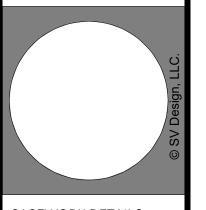
4 UPPER CABINET
1 1/2" = 1'-0"



Harwich

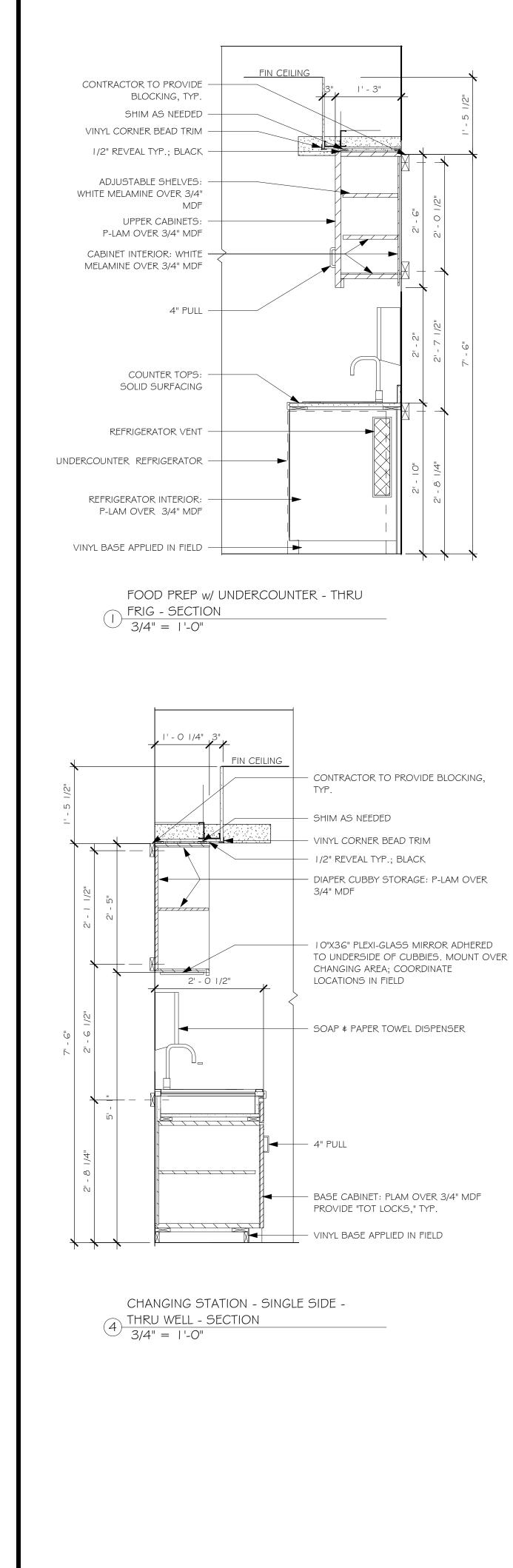
CASEWORK



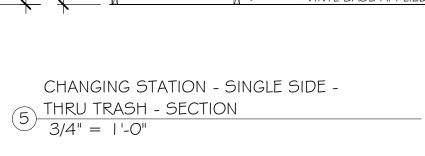


CASEWORK DETAILS

A6.04



BIM 360://YMCA Childcare Yarmouth/YMCA Childcare Yarmouth_R2021.rvt



CONTRACTOR TO —

SHIM AS NEEDED -

VINYL CORNER BEAD -

/2" REVEAL TYP.; BLACK -

ADJUSTABLE SHELVES: -

3/4" MDF

3/4" MDF

3/4" MDF

4" PULL -

FIXTURE

COUNTER TOPS: -

SOLID SURFACING

TRASH CAN CABINET -

VINYL BASE APPLIED —

OPENER

IN FIELD

THRU TRASH - SECTION

3/4" = 1'-0"

FOOD PREP W/ UNDERCOUNTER FRIG -

PULL OUT WITH DOOR

TRASH

WHITE MELAMINE OVER

UPPER CABINETS: P-LAM -

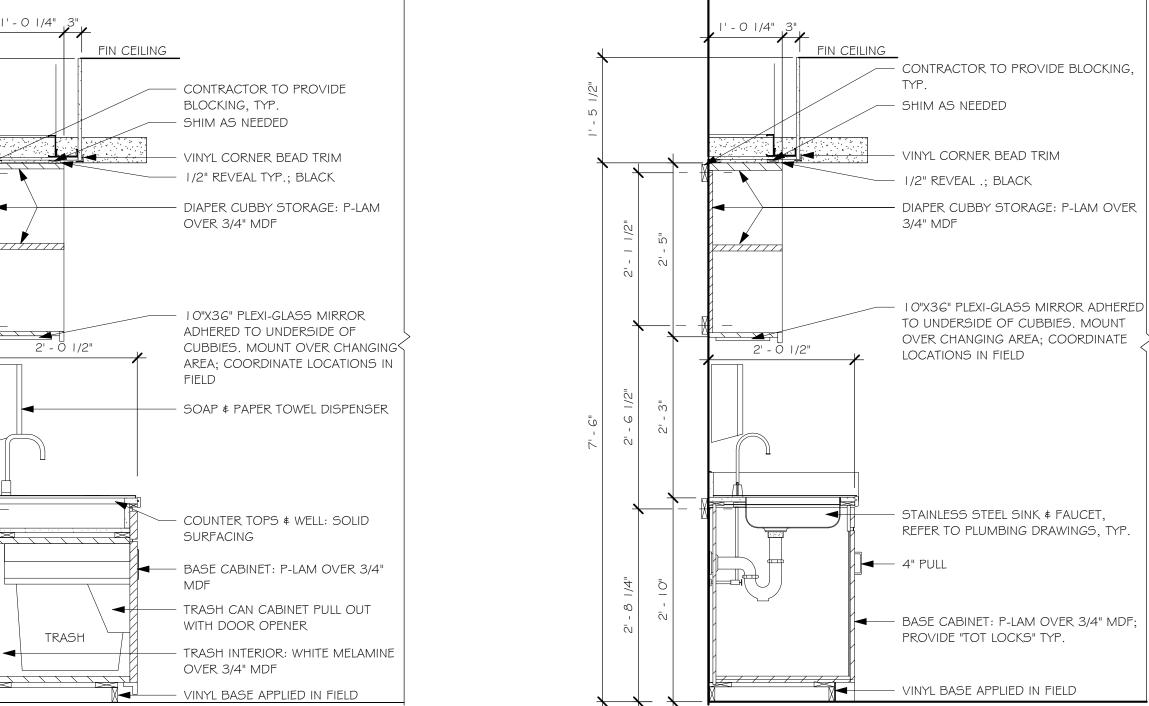
CABINET INTERIOR: -

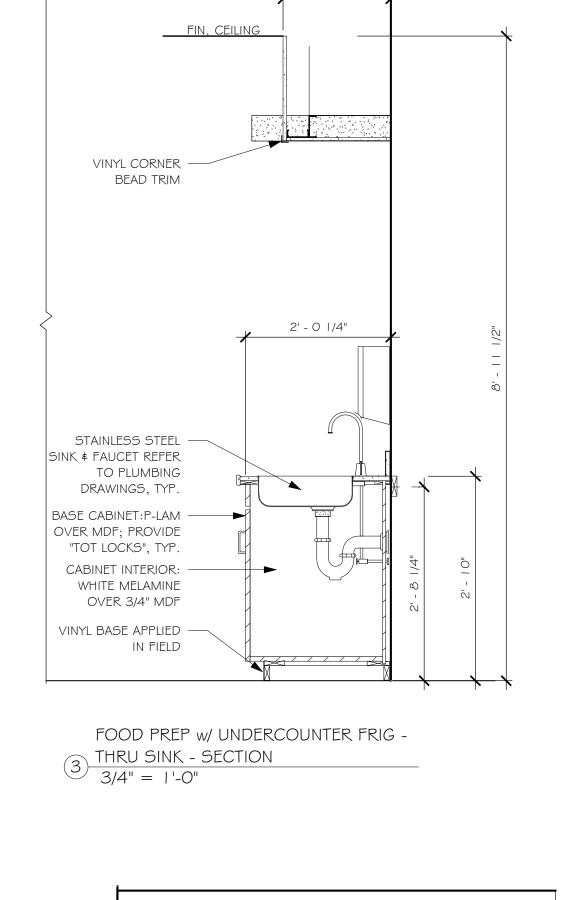
WHITE MELAMINE OVER

UNDER-CABINET LIGHT

AT FOOD PREP ONLY; REFER TO ELECTRICAL

PROVIDE BLOCKING, TYP. SHIM AS NEEDED





CHANGING STATION - SINGLE SIDE -

6 THRU SINK - SECTION
3/4" = 1'-0"

1' - 6"

