

1 SITE PLAN
SCALE: 1" = 10'

LEGEND

---	C	GAS LINE	T/G	TOP OF GRATE
---	ST	STORM SEWER	FL	FLOWLINE
---	SAN	SANITARY SEWER	T/C	TOP OF CURB
---	W	WATER LINE	B/C	BOTTOM OF CURB
---	E	ELECTRIC LINE		
---		EXISTING CONTOUR		
---		NEW CONTOUR		
+		SIGN		
⊕		FINISH FLOOR		
⊕		FIRE HYDRANT		
⊕		GAS LINE MARKER		
⊕		CONTROL POINT		
⊕		GAS METER		
⊕		YARD DRAIN		
⊕		IRRIGATION VALVE		
⊕		LIGHT POST		
⊕		GROUND LIGHT		
⊕		WALL LIGHT		
⊕		OUTLET		
⊕		WATER VALVE		
⊕		SANITARY CLEANOUT		
⊕		SIDE WALK LIGHTING (OR AS NOTED)		
⊕		CATCH BASIN		
⊕		MANHOLE (STORM OR SAN AS NOTED)		
⊕		TREE (LABELED ACCORDINGLY)		

CODED NOTES

NOTE: ALL CODED NOTES MAY NOT OCCUR ON EVERY SHEET

- 5" CONCRETE SIDEWALK. REFER TO DETAIL 5/C3-1.
- FROST SLAB. REFER TO STRUCTURAL DRAWINGS.
- 8" x 36" CURB WITH HANDRAIL. REFER TO DETAIL 8/C3-1.
- 6" x 24" CONCRETE CURB. REFER TO DETAIL 7/C3-1.
- SLOPED ASPHALT OVERLAY.
- MEET EXISTING GRADE.
- APPROXIMATE AREA OF ASPHALT PATCH. REFER TO DETAIL 7/C3-1.
- BUILDING ADDITION.
- CONCRETE SIDEWALK WITH INTEGRAL CURB. REFER TO DETAIL 6/C3-1.
- EXPANSION JOINT.
- REFER TO DETAIL 4/C3-1 FOR ASPHALT PATCH AT TRENCH.

GENERAL NOTES

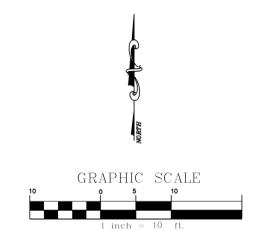
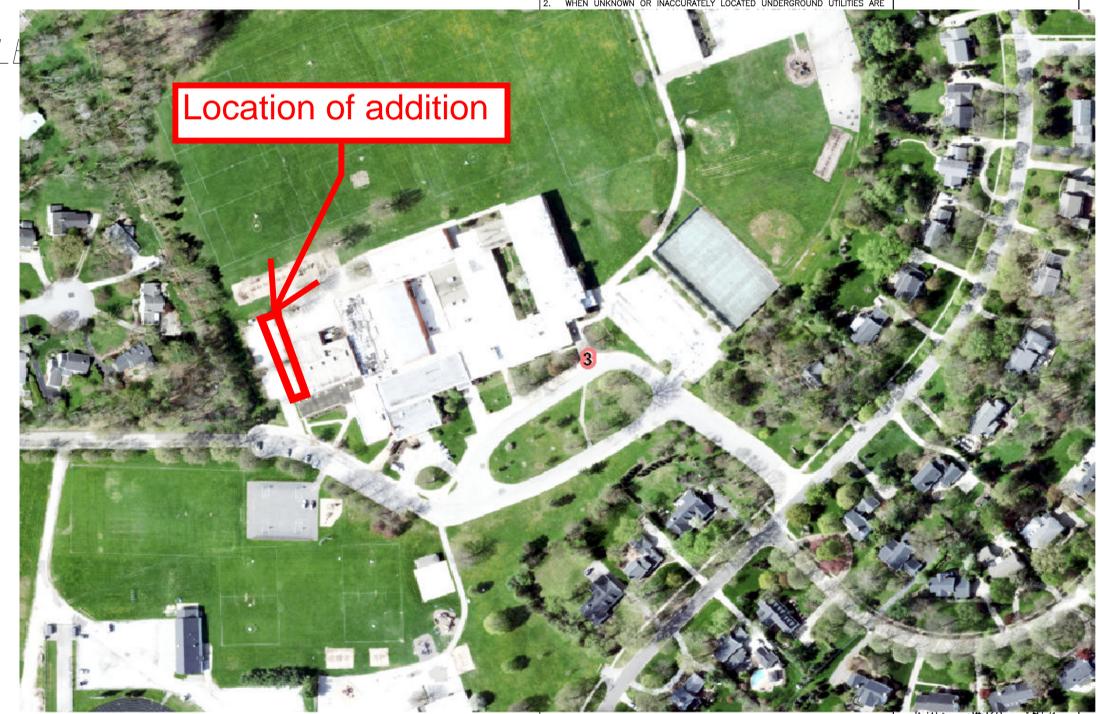
- EXISTING UTILITIES SHOWN ARE BASED ON EXISTING DRAWINGS, AND ARE NOT NECESSARILY COMPLETE OR EXACT. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND COMPONENTS WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL TIE-IN UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL LOCATIONS. NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCY IS ENCOUNTERED SO THAT ADJUSTMENTS IN ELEVATIONS CAN BE MADE TO PROVIDE SUFFICIENT CLEARANCE BETWEEN THE EXISTING AND PROPOSED UTILITIES. CALL THE OHIO UTILITIES PROTECTION SERVICE (800) 362-2764 AT LEAST THREE (3) WORKING DAYS PRIOR TO COMMENCING WORK.
- WHEN UNKNOWN OR INACCURATELY LOCATED UNDERGROUND UTILITIES ARE

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ISSUES / REVISIONS

A	1/15/18	OWNER REVIEW
B	11/05/18	PERMIT BID SET

ADA COOPER MILL
NATATORIUM
FF 1118.03



OHIO
Utilities Protection
SERVICE
Call Before You Dig
1-800-362-2764 or 8-1-1

KEYPLAN

EXISTING EAST WOODS ELEMENTARY SCHOOL
EXISTING NATATORIUM
ADDITION AREA

PROJECT NO.
16097.001

SITE PLAN

SCALE
As indicated

C2-1



CODING NOTES

NOTE: ALL CODED NOTES MAY NOT OCCUR ON EVERY SHEET

1	PTD STEEL LADDER (055000)
2	EXISTING GLASS BLOCK GLAZING - NO WORK
3	EXISTING FRP ENTRANCE DOORS - NO WORK
4	PREFINISHED METAL COPING (077100)
5	EXISTING METAL COPING TO REMAIN
6	DOWNS POUT OVERFLOW DRAIN THRU-WALL SCUPPER, VERIFY ELEVATION, WITH PLUMBING CONTRACTOR
7	POINT BRICK MORTAR JOINTS (040140)
8	EXISTING DOOR LETTER SIGN
9	NEW 2' X 2' PRINTED DOOR LETTER SIGN
10	CLEAN EXISTING MASONRY (040140 MASONRY REPAIR)
11	EXISTING BASKETBALL BACKSTOP
12	MASONRY KNOCKOUT PANEL FOR AHU-1
13	CONDENSING UNIT (BEYOND)
14	ALTERNATE BID A-1: LOUVERED EQUIPMENT ENCLOSURE (089200)
15	NEW METAL ROOF EDGE (077100)
16	UNIT SKYLIGHT (086200)

ISSUES / REVISIONS

A	1/15/18	OWNER REVIEW
B	11/05/18	PERMIT / BID SET
1	12/03/18	ADDENDUM #1
3	01/15/19	REBID SET



HUDSON CITY
SCHOOL DISTRICT
EAST WOODS
ELEMENTARY
SCHOOL NORTH
HAYDEN PARKWAY

ADA COOPER
MILLER
NATATORIUM



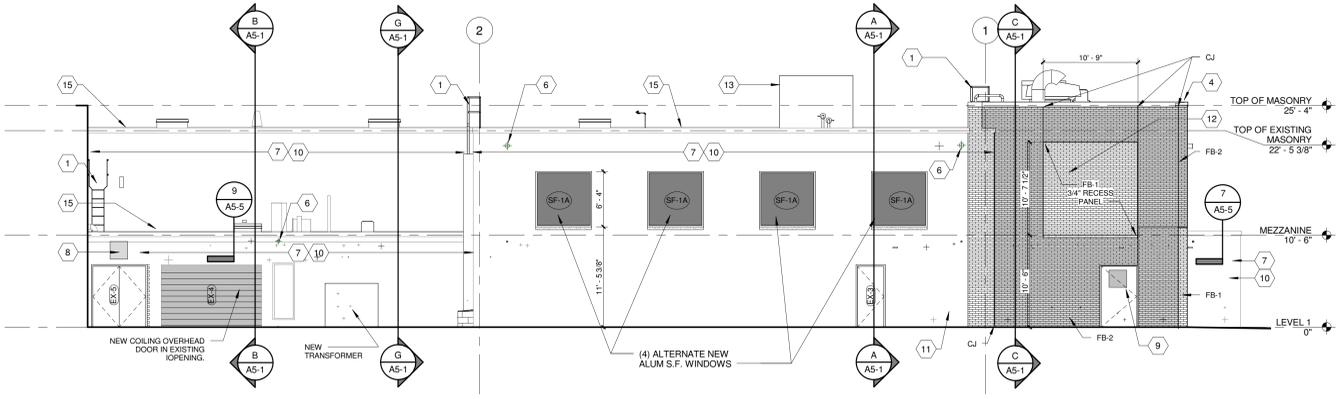
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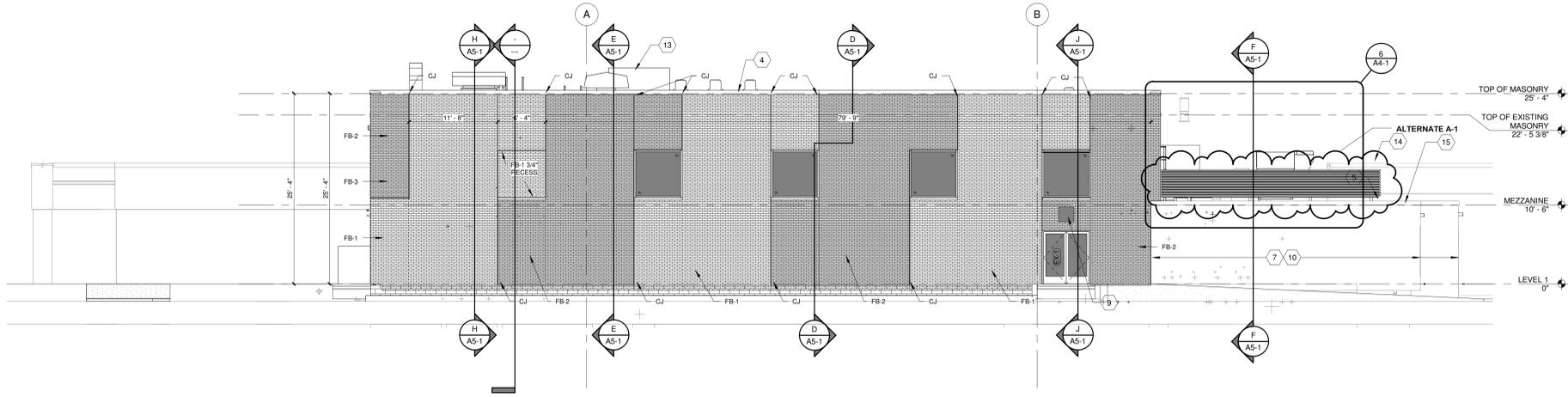
EXTERIOR
ELEVATIONS

SCALE
As indicated

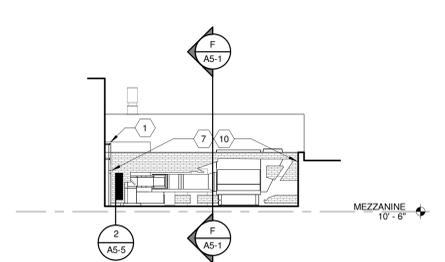
A4-1



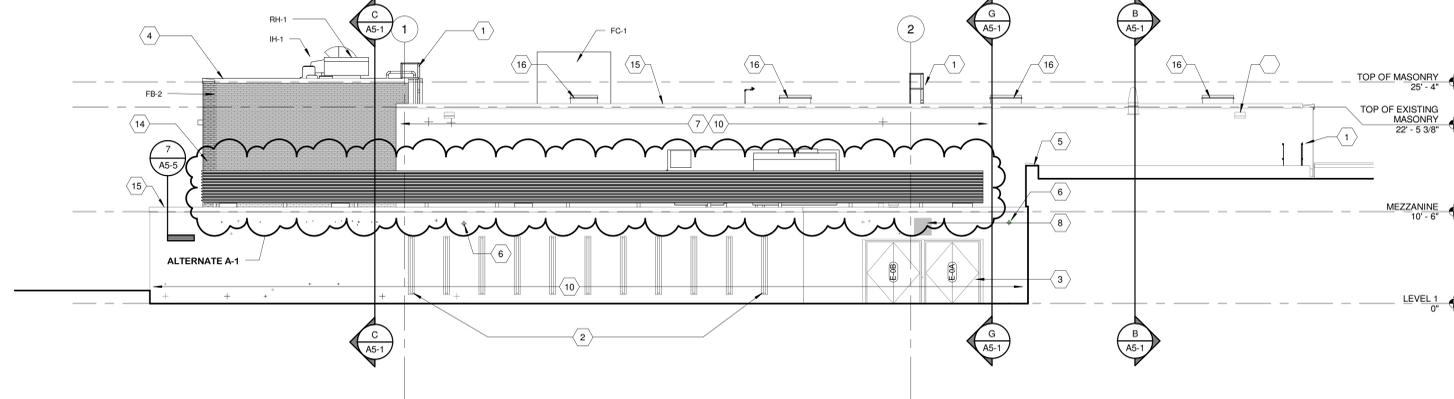
1 EXTERIOR ELEVATION - NORTH ADDITION
SCALE: 1/8" = 1'-0"



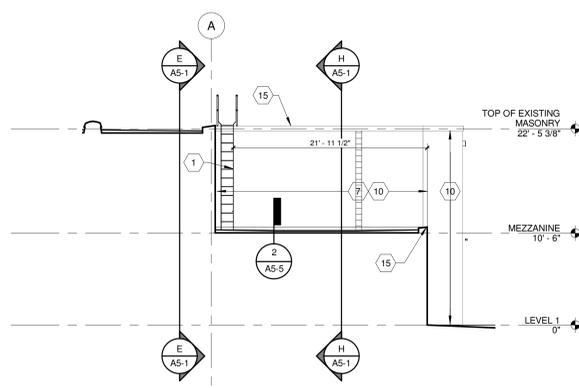
2 EXTERIOR ELEVATION - WEST ADDITION
SCALE: 1/8" = 1'-0"



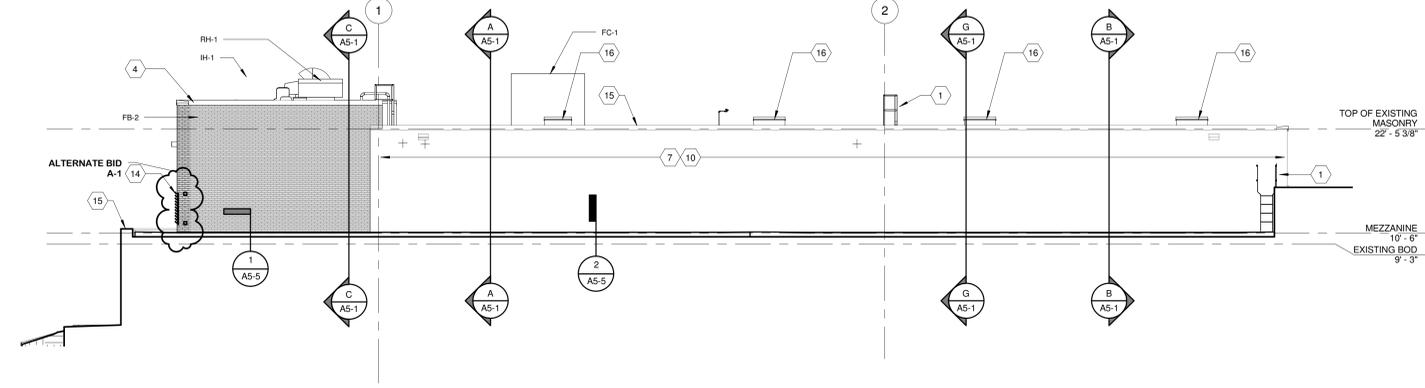
6 EXTERIOR ELEVATION - WEST EXISTING WALL
SCALE: 1/8" = 1'-0"



3 EXTERIOR ELEVATION - SOUTH ADDITION
SCALE: 1/8" = 1'-0"



5 EXTERIOR ELEVATION - EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 EXTERIOR ELEVATION - SOUTH ELEVATION 2
SCALE: 1/8" = 1'-0"

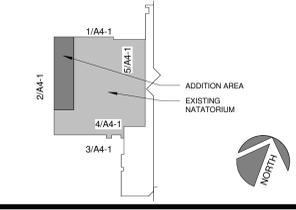
LEGEND

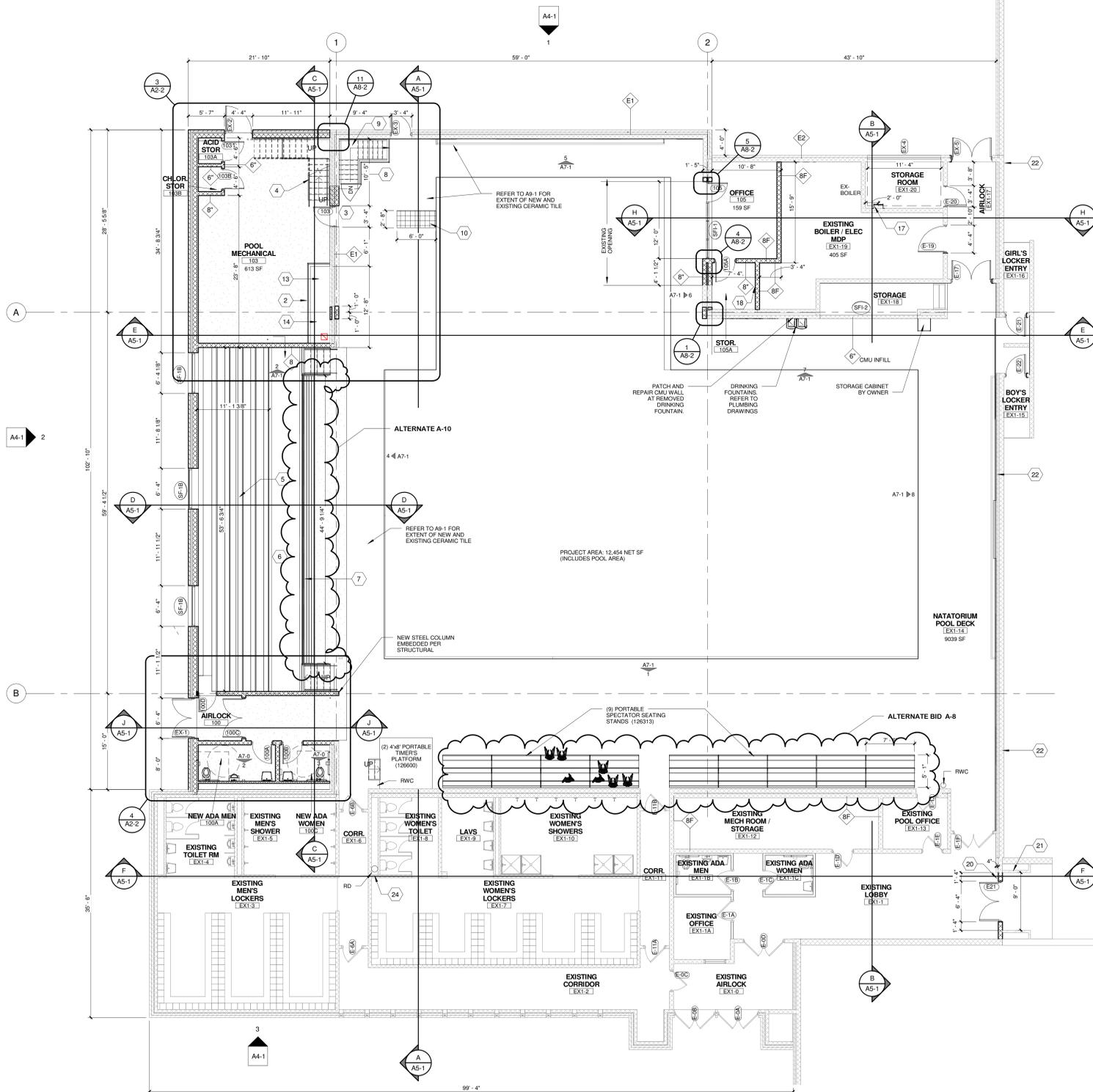
- EXTERIOR VISION GLAZING
- FACE BRICK TYPE 1 (FIELD)
- FACE BRICK TYPE 2 (ACCENT)
- EXISTING BRICK VENEER

GENERAL NOTES

- INSTANCES OF EXTERIOR VISION AND SPANDREL GLAZING ARE INDICATED FOR REFERENCE. REFER TO EXTERIOR FRAME TYPES DRAWING FOR SPECIFIC EXTERIOR GLAZING TYPES.

KEYPLAN





1 PROPOSED LEVEL 1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

CODED NOTES

- NOTE: ALL CODED NOTES MAY NOT OCCUR ON EVERY SHEET
- FABRIC DUCT PER MECHANICAL SDRRAWINGS
 - not used
 - NEW REMOVABLE PAINTED 42" GALVANIZED STEEL 2-PIPE GUARD RAIL. MAX 21" OPENING (055100)
 - NEW DOOR TO FIT EXISTING MASONRY OPENING. INFILL CONCRETE MASONRY
 - NEW PAINTED GALVANIZED STEEL STAIR (055100)
 - NEW 6-TIER FIXED ALUMINUM STANDS W/ CLOSED TREADS AND RISERS. 55 FT. LONG, SEATING FOR 26.5 PER ROW @ 24-INCHES / PERSON X 6 ROWS = 159 (126600)
 - CONC. FLOOR DECK @ 3'-0" AFF
 - BASE BID 42-INCH 2-PIPE GUARD RAIL/GALVANIZED, PAINTED. ALTERNATE BID A-10: NEW 42-INCH HIGH GLASS GUARD RAIL 1/2" THICK TEMPERED GLASS (057313)
 - NEW PAINTED GALVANIZED STEEL 42" GUARD RAIL (055100)
 - NEW PAINTED GALVANIZED STEEL STAIR (055100)
 - REPLACED POOL DECK AND TILE AT REPLACED S.S. POOL GUTTER
 - NEW 42" H X 36" W. PAINTED GALVANIZED STEEL GATE & GUARDRAIL WITH LATCH AND SPRING CLOSER (055100)
 - PAINTED, GALVANIZED 1-1/2" DIAM X 3'-0" PIPE RAIL UNDER STAIR (055100)
 - NEW AREAWAY W/ 4" CONCRETE SLAB AT BOTTOM OF AREAWAY (053900)
 - EXISTING CONCRETE AREAWAY. NEW 4" CONC. SLAB AT BOTTOM OF AREAWAY
 - LOUVER PER MECHANICAL DRAWINGS
 - REMOVABLE POST SUPPORTED GALVANIZED HAND RAIL (PAINTED) (055100)
 - ROOF LADDER, PAINTED GALVANIZED STEEL (059000)
 - 1" X 8" FIT FLYWOOD PANELS FOR SOUND SYSTEM (061600)
 - CONTINUOUS SEALANT AND BACKER ROD (079200)
 - 8" SOLID BRCK MASONRY INFILL WALL (UL - U905)
 - EXISTING 4" CMU
 - EXISTING 8" CMU / 4" BRICK SOLID MASONRY WALL
 - LIGHT TRUSS PER ELECTRICAL DRAWINGS
 - PATCH & REPAIR MASONRY @ NEW ROOF DRAIN. SEE P1-5

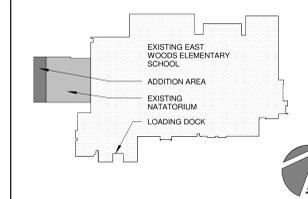
GENERAL NOTES

- ALL EXTERIOR WALLS SHALL BE WALL TYPE A1 UNLESS NOTED OTHERWISE. REFER TO A5 SERIES.
- ALL INTERIOR WALLS SHALL BE WALL TYPE 1C UNLESS NOTED OTHERWISE. REFER TO A2-0 FOR FLOOR TO DECK HEIGHTS. TYPICAL.
- TYPICAL MOUNTING HEIGHTS & LOCATIONS OF FIXTURES, ACCESSORIES AND SELECT EQUIPMENT ARE SHOWN ON SHEET A7-1. LOCATIONS OF CA SUPPORT ANGLES ARE SHOWN ON INTERIOR ELEVATIONS. REFER TO REMAINING A7 SERIES DRAWINGS FOR ADDITIONAL REQUIREMENTS AND LOCATIONS OF ACCESSORIES AND EQUIPMENT NOT SHOWN ON FLOOR PLANS.
- ALL CMU WALLS ARE 8" (NOMINAL) UNLESS NOTED OR DIMENSIONED OTHERWISE ON DRAWINGS.
- PATCH AND LEVEL FLOORS AT DEMOLISHED WALLS. PROVIDE LEVEL SURFACES AND PREP FLOOR FOR SCHEDULED FINISH.
- PATCH EXISTING WALLS WHICH ARE NOT AFFECTED BY THE NEW WORK BUT REQUIRE SURFACE REPAIR DUE TO WATER DAMAGE, MISUSE, ACCIDENTAL DAMAGE AND DEMOLITION OR REMOVAL OF WALL MOUNTED EQUIPMENT OR ACCESSORIES. REMOVE OR REPAIR AREAS WHERE SURFACES ARE LOOSE, SPALLING OR DISPLACED. PATCH AND FILL ALL CRACKS AND OPENINGS. PREPARE SURFACES FOR FINAL FINISHES. ALL EXISTING WALL SURFACES SCHEDULED TO RECEIVE NEW FINISHES SHALL BE PATCHED AND PREPARED IN THIS FASHION.
- CONTRACTOR FURNISHES AND/OR INSTALLS ALL SPECIALTY ITEMS. EQUIPMENT AND FURNISHINGS INDICATED ON THIS PLAN UNLESS OTHERWISE NOTED. REFER TO LEGEND. REFER TO FURNITURE AND EQUIPMENT PLAN FOR INFORMATION ON OWNER FURNISHED AND/OR INSTALLED ITEMS.
- ALL CMU WALLS SHALL EXTEND TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. COORDINATE WITH WALL FIRE RATING AND REQUIREMENTS AND LIFE SAFETY PLANS.

LEGEND

- 1A WALL TYPE DESIGNATION. SEE A2-0 FOR INTERIOR WALL TYPES; SEE A5 SERIES DRAWINGS FOR EXTERIOR WALL TYPES.
- 1A SHADED WALL TYPE DESIGNATION DESIGNATES LEAD SHIELDING REQUIRED. REFER TO TYPICAL LEAD SHIELDING DETAIL ON A4-4 AND COORDINATE WITH OWNER PROVIDED PHYSICISTS REPORT
- 1B FRAME/WINDOW TYPE DESIGNATION. "I" PREFIX DENOTES INTERIOR FRAMES - REFER TO A7 SERIES
- EXTERIOR FRAMES (E#): REFER TO EXTERIOR FRAME TYPES (A4 SERIES)
- INTERIOR FRAMES WITH DOORS (DI#): REFER TO DOOR/FRAMES SCHEDULE, DETAILS & PLAN SHEET
- 101 DOOR DESIGNATION. SEE A8 SERIES DRAWINGS FOR DOOR SCHEDULE.
- OWNER FURNISHED SPECIALTY ITEM, EQUIPMENT OR FURNISHING - CONTRACTOR TO INSTALL
- OWNER FURNISHED AND INSTALLED SPECIALTY ITEM, EQUIPMENT OR FURNISHING - CONTRACTOR TO COORDINATE WITH REQUIREMENTS.

KEYPLAN



ISSUES / REVISIONS

NO.	DATE	REVISION
A	1/15/18	OWNER REVIEW
B	11/05/18	PERMIT / BID SET
1	11/30/18	ADDENDUM #1



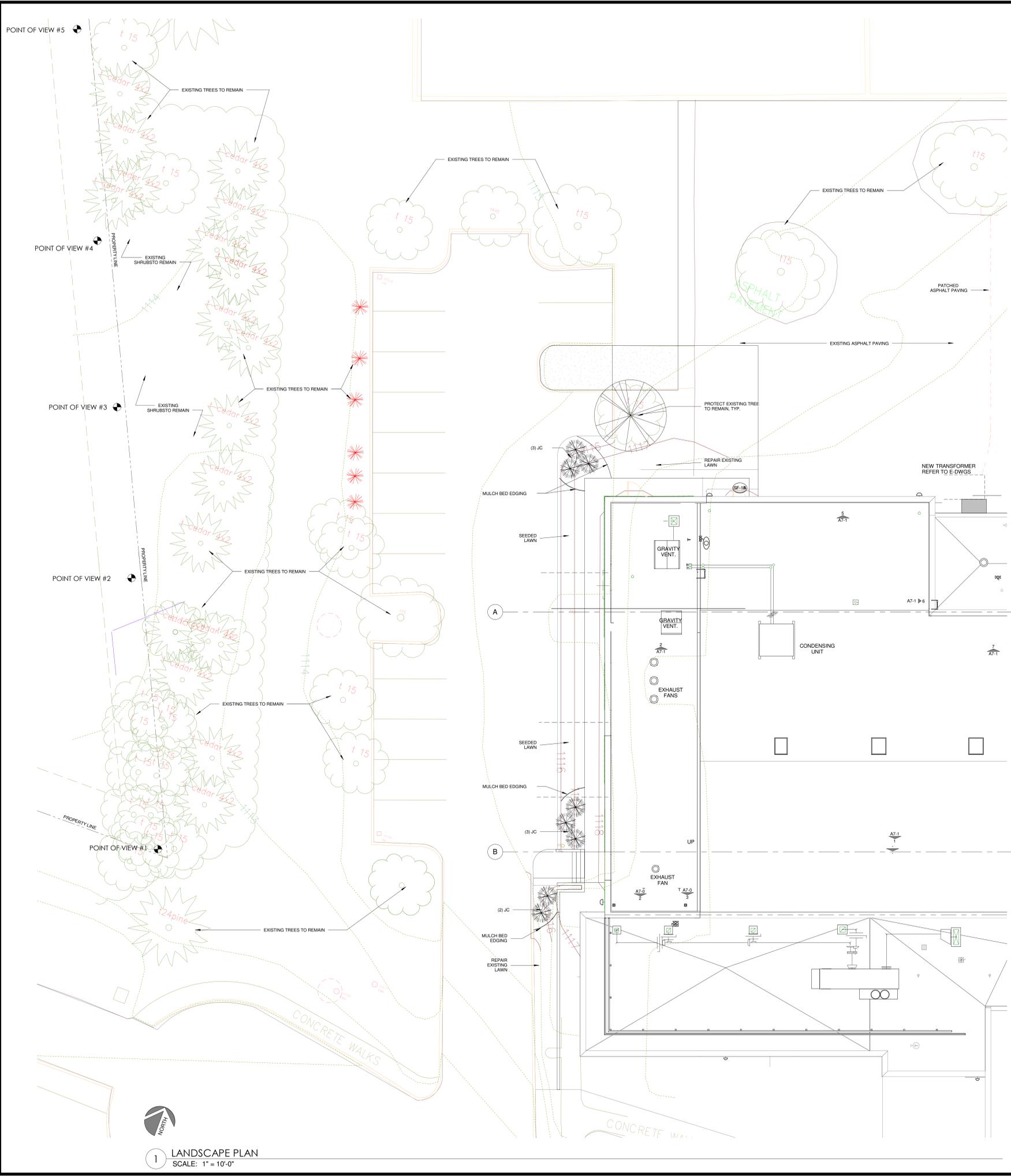
HUDSON CITY
SCHOOL DISTRICT
EAST WOODS
ELEMENTARY
SCHOOL NORTH
HAYDEN PARKWAY

ADA COOPER
MILLER
NATATORIUM
SEATING
ADDITIONS
AND
RENOVATIONS
AND HVAC
UPGRADE



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PROJECT NO.
18101.000
FLOOR PLAN -
LEVEL 1
SCALE
As indicated
A2-1



LANDSCAPE SPECIFICATIONS

- THIS DOCUMENT IS MEANT TO SERVE AS A GUIDE FOR CONSTRUCTION. MODIFICATIONS TO THE DESIGNS MAY BE REQUIRED TO ACCOMMODATE VARYING FIELD CONDITIONS OR MODIFIED PLANT ARRANGEMENTS.
- UNLESS OTHERWISE DIRECTED, CONTRACTOR SHALL PROTECT ALL TREES SCHEDULED TO REMAIN. FENCE THOSE WHICH MAY RISK DAMAGE FROM CONSTRUCTION EQUIPMENT OR WORK.
- (NOT USED)
- ALL TREES WHICH ARE TO BE REMOVED SHALL BE REMOVED IN A MANNER WHICH WILL NOT INJURE PLANT MATERIAL SCHEDULED TO REMAIN. STUMPS ARE TO BE COMPLETELY REMOVED AND HAULED OFF SITE. NO BURIAL OR BURNING WILL BE PERMITTED. STUMPS WHICH ARE NOT IN THE PATH OF PROPOSED PAVEMENTS, STRUCTURES OR OTHER SIMILAR IMPROVEMENTS MAY BE GROUND IN PLACE.
- THE GENERAL CONTRACTOR WILL PROVIDE AND PLACE 9 INCHES OF TOPSOIL. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL FINE GRADING RELATING TO HIS WORK (WHEN APPLICABLE).
- TREES & VEGETATION WITHIN LIMITS OF CONSTRUCTION SHALL BE CLEARED AND GRUBBED UNLESS NOTED OTHERWISE.
- BEFORE PLANTING, DETERMINE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED. IF CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY ARCHITECT BEFORE PLANTING.
- ALL PLANT MATERIAL QUALITY AND SIZES WILL CONFORM TO THE CURRENT ISSUE OF THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSEYMEN. PLANT MATERIAL MUST BE SELECTED FROM NURSERIES THAT HAVE BEEN INSPECTED AND CERTIFIED BY STATE PLANT INSPECTORS. NOMENCLATURE WILL BE IN ACCORDANCE WITH HORTUS 111 BY L.H. CHASE.
- SEE THIS SHEET FOR PLANT MATERIAL LIST. TOTAL QUANTITIES OF MATERIALS SHOWN ON LANDSCAPE DRAWINGS SHALL TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT MATERIAL LIST. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
- REPORT ANY DISCREPANCIES IN THE PLANS TO THE ARCHITECT PRIOR TO START OF CONSTRUCTION. LANDSCAPE ARCHITECT IS TO BE THE AUTHORITY FOR INTERPRETATION OF PLAN(S) AND QUALITY OF WORK.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO INSPECT THE PLANTS EITHER AT THE NURSERY OR AT THE JOB SITE PRIOR TO PLANTING. CONTRACTOR SHALL LABEL AT LEAST ONE PLANT OF EACH VARIETY WITH A SECURELY ATTACHED WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF THE BOTANICAL AND COMMON NAMES.
- CONTRACTOR SHALL NOT MAKE PLANT SUBSTITUTIONS. IF SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY TO LANDSCAPE ARCHITECT TOGETHER WITH A PROPOSAL FOR USE OF EQUIVALENT MATERIAL.
- WHERE FORMAL ARRANGEMENTS OR CONSECUTIVE ORDER OF TREES OR SHRUBS ARE SHOWN, SELECT STOCK FOR UNIFORM HEIGHT AND SPREAD TO ASSURE SYMMETRY IN PLANTING.
- DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES OR DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING DELIVERY. DO NOT DROP BALLED AND BURLAPPED STOCK DURING DELIVERY. IF PLANTING IS DELAYED MORE THAN 8 HOURS AFTER DELIVERY, SET TREES AND SHRUBS IN SHADE. PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.
- PREPARATION OF PLANTING BEDS, LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES. REMOVE STONE OVER 1" IN ANY DIMENSION, STICKS, STONES, RUBBISH AND OTHER EXTRANEOUS MATTER. ALL BEDS SHALL BE EDGED TO FORM A NEAT AND STRAIGHT, WELL-DEFINED CUT EDGE. BUILD ALL PLANT BEDS WITH A TOTAL 12" OF SETTLED PLANTING SOIL. ADD TOPSOIL IN SUFFICIENT QUANTITY TO RAISE BED APPROXIMATELY 2" ABOVE FINISHED ADJACENT GRADES. WHERE BED GRADES MEET ADJACENT GRADES, THE EDGE OF THE BED SHALL BE SLOPED GRADUALLY DOWN TO MEET THE ADJACENT GRADE 1" BELOW IT. THE FINISHED MULCH GRADE SHALL BE 1" BELOW THE ADJACENT LAWN OR PAVEMENT GRADE TO PREVENT IT FROM WASHING ONTO THE ADJACENT GRADES. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND AROUND OR AWAY FROM PLANTING BEDS TO PREVENT PONDING OF WATER. DO NOT RAISE BED GRADES, FINISHED GRADES, OR MULCH ABOVE FINISHED FLOOR ELEVATIONS.
- PLANT MATERIAL SHALL BE SET IN THE CENTER OF AN INDIVIDUAL PIT AND SET PLUMB AND STRAIGHT. ALL PLANTS SHALL BE ADJUSTED TO CONFORM AND ALIGN WITH SURROUNDING PLANTS AND PROPERLY FACED SO AS TO GIVE THE BEST EFFECT. SHRUBS SHALL BE SET TO WITHIN ONE FOOT OF TRUNK OF TREES AND SHRUBS WITHIN PLANTING BED, AND WITHIN 6" OF EDGE OF BED. ALL NYLON OR PLASTIC TWINE SHALL BE REMOVED FROM THE BASE OF ALL PLANTS. ALL NON-TREATED BURLAP AND/OR NON-ROT PROOF BURLAP IS TO BE REMOVED FROM THE TOP HALF OF THE ROOT BALL. ALL TREATED BURLAP OR POLYPROPYLENE BURLAP TO BE COMPLETELY REMOVED FROM THE PLANTING PIT. CONTAINER GROWN PLANTS TO HAVE 3 TO 4 SLICES THROUGH THE ROOTS AND THE ROOTS ON THE OUTSIDE OF THE PLANT BALL WILL BE WORKED FREE FROM THE SOIL OR ROOT MASS MAY BE BUTTERFLIED. BACKFILL PIT LOOSELY UNTIL FULL. BACKFILL SHALL BE SETTLED BY WATERING AND REIFIED AS NECESSARY. DISH TOP OF BACKFILL TO ALLOW FOR MULCHING.
- PLANTING SOIL FOR BACKFILLING DECIDUOUS PLANTS BEDS OR PITS SHALL CONSIST OF 1/4 ORIGINAL ON-SITE SOIL AND 3/4 SANDY LOAM OR LOAM SOIL AS DEFINED BY U.S.D.A. SOIL CONSERVATION SERVICE. SOIL CLASSIFICATION SYSTEM. THE PLANTING MIXTURE IS TO BE FREE FROM ADMIXTURE OF SUBSOIL, HEAVY CLAY, COARSE SAND, STONES, PLANTS, ROOTS, STICKS, AND ANY OTHER FOREIGN MATERIALS. 95% OF THE PLANTING TOPSOIL, TOTAL DRY WEIGHT, ADD GRANULAR "SOIL MOIST" OR EQUAL TO THE TOPSOIL MIX. APPLY PER THE MANUFACTURERS RECOMMENDED RATES FOR THE SIZE AND TYPE OF PLANT MATERIAL SPECIFIED. MIX IN APPROPRIATE QUANTITIES OF 20-10-5 "AGRIFORM" SOLID FERTILIZER TABLETS OR EQUAL TO ALL PLANTING.
- IF THE QUALITY OR QUANTITY OF ON-SITE TOPSOIL STOCKPILED IS INSUFFICIENT TO COMPLETE WORK, PROVIDE IMPORTED TOPSOIL. OBTAIN RIGHTS AND PAY ALL COSTS FOR IMPORTED TOPSOIL MATERIAL.
- PROPOSED TOPSOIL SHALL BE ACCEPTABLE TO THE ARCHITECT AND SOILS TESTING FIRM.
- AFTER PLANTING, PRUNE BRANCHES OF DECIDUOUS STOCK TO BALANCE LOSS OF ROOTS IN SUCH A MANNER TO PRESERVE NATURAL CHARACTER APPROPRIATE TO THE PLANTING MIXTURE OF THE PLANT. REMOVE BROKEN, DAMAGED AND UNSYMMETRICAL BRANCHES AND SUFFICIENT OTHER GROWTH TO INSURE HEALTHY AND SYMMETRICAL GROWTH OF NEW WOOD. DO NOT TRIM THE CENTRAL LEADER. APPLY ANTI-DESICCANT USING POWER SPRAY OR PROVIDE AN ADEQUATE FILM OVER TRUNKS, BRANCHES, STEMS, TWIGS AND FOLIAGE. IF DECIDUOUS TREES OR SHRUBS ARE MOVED IN FULL LEAF, SPRAY WITH ANTI-DESICCANT AT NURSERY BEFORE MOVING AND AGAIN IN TWO WEEKS AFTER PLANTING.
- TREE STAKING SHOULD NOT BE REQUIRED FOR ALL PLANTINGS, BUT DETERMINED ON AN INDIVIDUAL TREE BASIS.
- ALL PLANT MATERIALS AND GROUNDCOVERS TO BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT BEFORE FINAL ACCEPTANCE OF WORK.
- ALL PLANT MATERIAL IS TO BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.

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ISSUES / REVISIONS	
1	1/15/18 TOWNER REVIEW
2	12/10/18 ADDENDUM #2
3	01/15/19 REBID SET

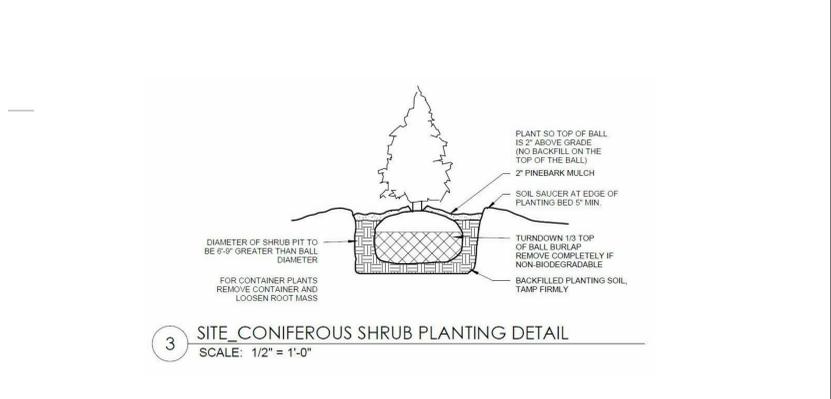
TURF AND GRASS NOTES

- SEED**
Seed: Fresh, clean, dry, new-crop seed complying with AOSA's "Journal of Seed Technology; Rules for Testing Seeds" for purity and germination tolerances.
- Lawn Seed Mix:** Seed of grass species as follows, with not less than 85 percent germination, not less than 98 percent pure seed, and not more than 0.05 percent weed seed:
- Sown Seed:** Proportioned by weight as follows:
- 40 percent perennial ryegrass (*Lolium perenne*); 2 varieties minimum 50/50 blend.
 - 30 percent Kentucky bluegrass (*Poa pratensis*); 2 varieties minimum 50/50 blend.
 - 30 percent creeping red fescue (*Festuca rubra*)
- TOPSOIL**
Topsoil: ASTM D 5288, pH range of 5.5 to 7, a minimum of 6 percent organic material content; free of stones 1/2 inch or larger in any dimension and other extraneous materials harmful to plant growth.
- Topsoil Source:** Reuse surface soil stockpiled on-site. Verify suitability of stockpiled surface soil to produce topsoil. Clean surface soil of roots, plants, sod, stones, clay lumps, and other extraneous materials harmful to plant growth.
- FERTILIZER**
Fertilizer: Commercial fertilizer shall be used for initial preparation and shall conform to applicable state fertilizer laws. Use of organic lawn fertilizer shall be used for surface application after grass is up. Fertilizer shall be uniform in composition, dry and free flowing, and shall be delivered to site in original, unopened containers, each bearing manufacturer's guaranteed analysis. Fertilizer, which becomes caked or otherwise damaged, making it unsuitable for use, will not be acceptable. Commercial-grade complete fertilizer of neutral character, consisting of fast and slow release nitrogen, 50 percent derived from natural organic sources of urea, formaldehyde, phosphorus, and potassium.
- MULCHES**
Wood Cellulose Fiber Mulch: Shall not contain growth or germination - inhibiting factors and shall be dyed an appropriate color to facilitate placement during application. Composition on air-dry weight basis: 9 to 15 percent moisture pH from 4.5 to 6.0.
Application: 70 percent of mulch mixture.
- Straw Mulch:** Provide air-dry, clean, mildew, weed, and seed-free, salt hay or threshed straw of wheat, rye, oats, or barley.
- LAWN PREPARATION**
Limit lawn subgrade preparation to areas to be planted.
- Newly Graded Subgrades:** Loosen subgrade to a minimum depth of 4 inches. Remove stones larger than 1/2 inch in any dimension and sticks, roots, rubbish, and other extraneous matter and legally dispose of them off Owner's property.
- Apply fertilizer and soil amendments directly to subgrade before loosening, per results of topsoil analysis.
 - Thoroughly blend planting soil mix off-site before spreading or spread topsoil, apply soil amendments and fertilizer on surface, and thoroughly blend planting soil mix. Delay mixing fertilizer with planting soil if planting will not proceed within a few days. Mix lime with dry soil before mixing fertilizer.
 - Spread planting soil mix to a depth of 6 inches but not less than required to meet finish grades after light rolling and natural settlement. Do not spread if planting soil or subgrade is frozen, muddy, or excessively wet.
 - Spread approximately 1/2 the thickness of planting soil mix over loosened subgrade. Mix thoroughly into top 2 inches of subgrade. Spread remainder of planting soil mix.
 - Reduce elevation of planting soil to allow for soil thickness of sod.

HUDSON CITY SCHOOL DISTRICT
EAST WOODS ELEMENTARY
SCHOOL NORTH HAYDEN PARKWAY

ADA COOPER MILLER
NATATORIUM SEATING
ADDITIONS AND RENOVATIONS
AND HVAC UPGRADE

LANDSCAPE DETAILS



PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE
JC	8	JUNIPERUS CONFERATA 'BLUE PACIFIC'	BLUE PACIFIC JUNIPER	#3 CONTAINER



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PROJECT NO.	18101.000
LANDSCAPE PLAN	
SCALE	As indicated
	L-1



EXISTING NORTH AND WEST ELEVATIONS OF NATATORIUM



EXISTING WEST ELEVATION OF NATATORIUM



F

ADA COOPER MILLER NATATORIUM

EXISTING ENTRANCE (SOUTH)