

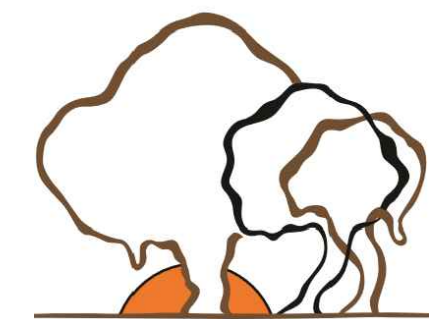
WEST FALLS CENTER FOR THE ARTS EXPANSION

NOT FOR CONSTRUCTION

BID Set: 1/10/2023 (REV. #1 - 3/14/23)

client: **WEST FALLS CENTER FOR THE ARTS**
1863 DAVIS RD.
WEST FALLS, NY 14170

copyrighted design:



Buffalo Treehouse

phone 716.833.TREE
www.buffalotreehouse.com

Project information

Owner/developer: William Panzica
P.O. box 486
West Falls, NY 14170

Property address: 1863, 1853, 1843 Davis Rd.
West Falls, NY 14170

Property size: 8.11 acres

Parking spaces: 213 spaces (4 accessible)

Zoning information

District: West Falls Hamlet Overlay District,
B2 Business 2
Permitted use: Non-Profit Center for the Arts

Zoning regulations:	Required	Provided
Min. Front Setback:	50'	391.00'
Min. Side Setback:	30'	145.66'
Min. Rear Setback:	45'	400.90'
Max. Mean Ht.:	35'	22.305'
Max. building size:	5000 s.f.	1963.5 s.f.
Max. building coverage:	30%	3.17%

General note:

This contract set of drawings is designed and engineered to meet the most current New York State building code requirements. All general notes reference the building code as a standard and it shall be the discretion of the local code enforcement official to require any additional code provisions above and beyond the code requirements as indicated in the contract document. Buffalo Treehouse LLC shall not be responsible for any additional cost incurred at the request of the building code official to provide any additional design or construction above what is provided in this contract set.

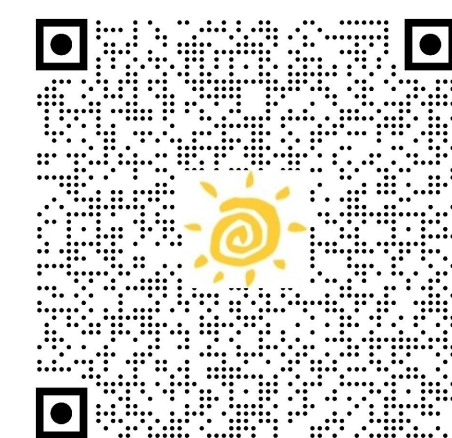
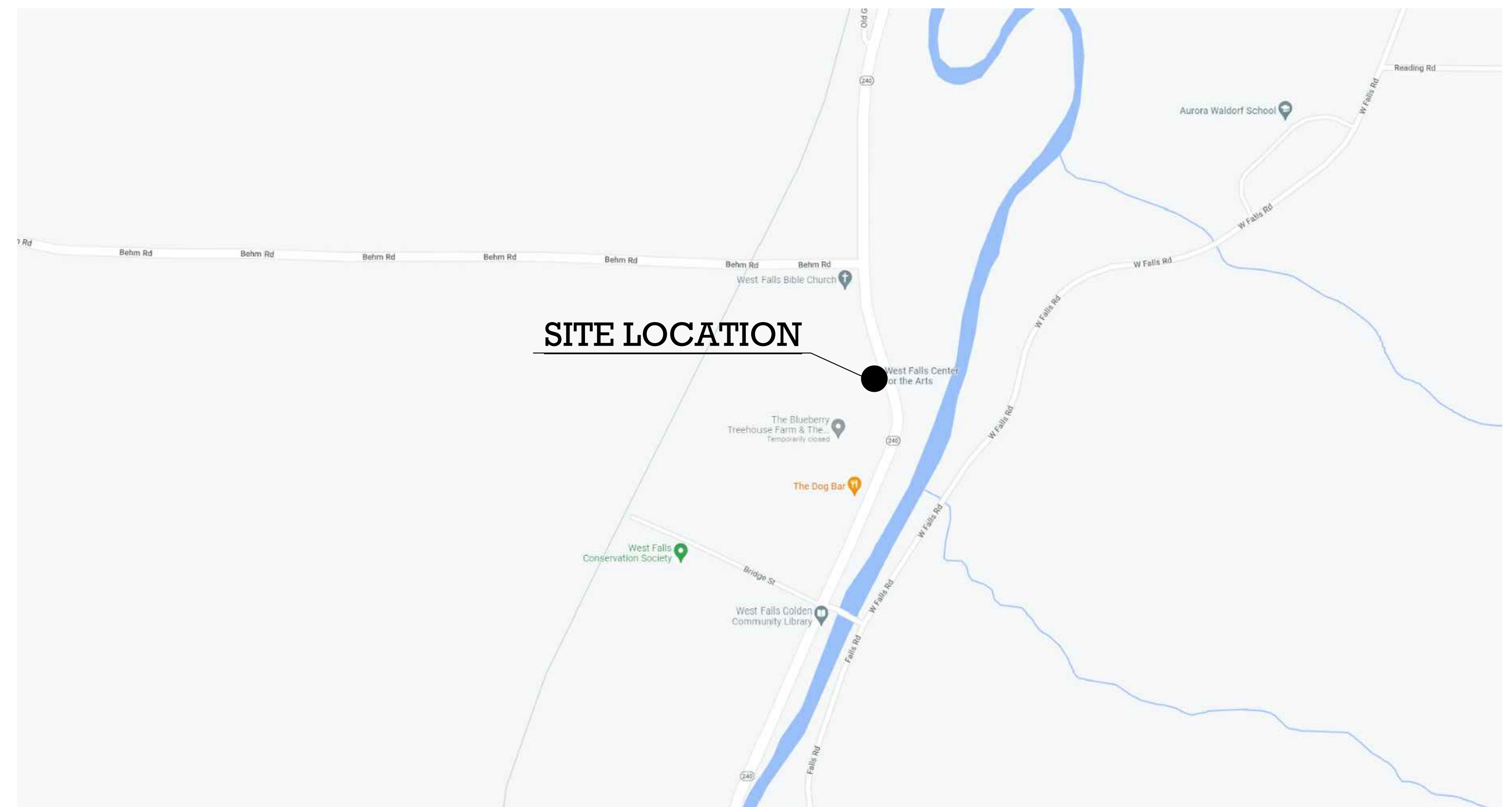
SHOP DRAWINGS AND LICENSED ENGINEERED PLANS WILL BE PROVIDED AS A COMPONENT OF THE CONSTRUCTION BUILDING SET.

Sheet Index

- SP1.0 EXISTING TOPOGRAPHICAL SURVEY
- SP1.1 EROSION AND SEDIMENT CONTROL PLAN
- SP1.2 EROSION AND SEDIMENT CONTROL DETAILS
- SP1.3 GRADING PLAN - PHASE 1
- SP1.4 ENLARGED GRADING PLAN - PHASE 1
- SP1.5 ENLARGED GRADING PLAN - PHASE 1
- SP1.6 PARKING PLAN - PHASE 1
- SP1.7 SITE UTILITY PLAN
- SP1.8 SITE UTILITY DETAILS
- L1.0 ENLARGED LANDSCAPING PLAN - PHASE 1
- A1.0 AMPHITHEATER FOUNDATION PLAN AND GENERAL NOTES - PHASE 2
- A1.1 AMPHITHEATER GREEN ROOM PLAN AND BEAM LAYOUT - PHASE 2
- A1.2 AMPHITHEATER JOIST FRAMING PLAN AND DECK/FLOOR PLAN - PHASE 2
- A1.3 AMPHITHEATER GREEN ROOM LIGHTING PLAN AND ROOF FRAMING PLAN - PHASE 2
- A1.4 AMPHITHEATER ELEVATIONS - PHASE 2
- A1.5 REFRESHMENT STAND PLANS AND SOUND BOOTH PLANS - PHASE 2

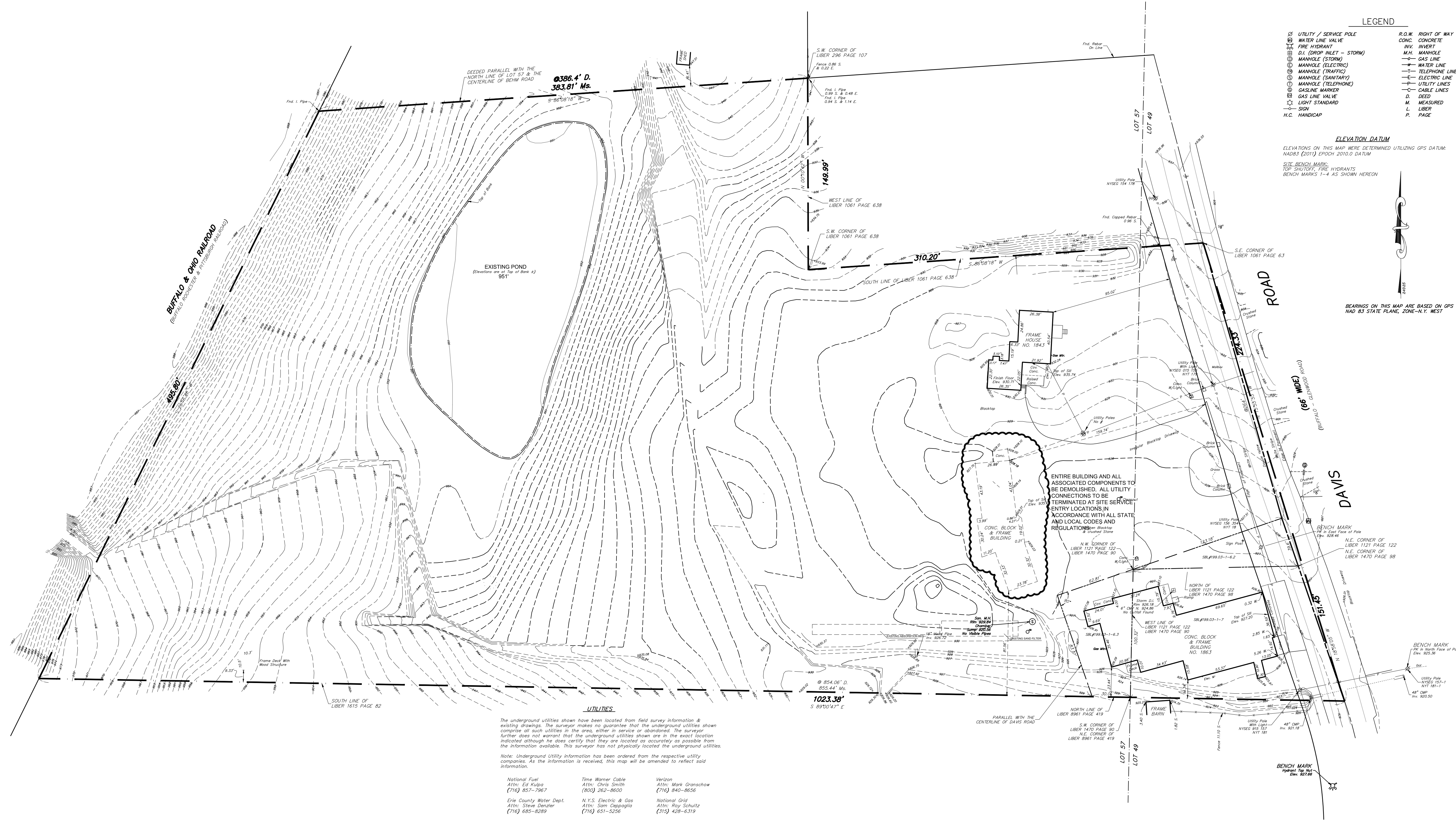
- A2.0 TREE HOUSE #1 PLANS AND GENERAL NOTES - PHASE 3 (NOT IN CONTRACT)
- A2.1 TREE HOUSE #1 ELEVATIONS AND SECTIONS - PHASE 3 (NOT IN CONTRACT)
- A2.2 TREE HOUSE #2 PLANS - PHASE 3 (NOT IN CONTRACT)
- A2.3 TREE HOUSE #2 ELEVATIONS - PHASE 3 (NOT IN CONTRACT)
- A2.4 TREE HOUSE #3 PLANS AND ELEVATIONS - PHASE 3 (NOT IN CONTRACT)
- A2.5 TREE HOUSE #4 PLANS AND ELEVATIONS - PHASE 3 (NOT IN CONTRACT)
- A2.6 TREE HOUSE #5 PLANS AND ELEVATIONS - PHASE 3 (NOT IN CONTRACT)

LOCATION MAP



SCAN QR CODE
FOR INTERACTIVE
3D MODEL

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ARTICLE 147-ARCHITECTURE.



LEGEND

<ul style="list-style-type: none"> ○ UTILITY / SERVICE POLE ⊕ WATER LINE VALVE ⊕ FIRE HYDRANT ⊕ D.I. (DROP INLET - STORM) ⊕ MANHOLE (STORM) ⊕ MANHOLE (ELECTRIC) ⊕ MANHOLE (TRAFFIC) ⊕ MANHOLE (SANITARY) ⊕ MANHOLE (TELEPHONE) ⊕ GASLINE MARKER ⊕ GAS LINE VALVE ⊕ LIGHT STANDARD ⊕ SIGN ⊕ H.C. HANDICAP 	<ul style="list-style-type: none"> R.O.W. RIGHT OF WAY CONC. CONCRETE W.W. WHERET M.H. MANHOLE — GAS LINE — WATER LINE — TELEPHONE LINE — ELECTRIC LINE — UTILITY LINES — CABLE LINES D. DEED M. MEASURED L. LIBER P. PAGE
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ELEVATION DATUM
 ELEVATIONS ON THIS MAP WERE DETERMINED UTILIZING GPS DATUM:
 NAD83 (2011) EPOCH 2010.0 DATUM
 SITE BENCH MARK:
 TOP SURVEY FIRE HYDRANTS
 BENCH MARKS 1-4 AS SHOWN HEREON

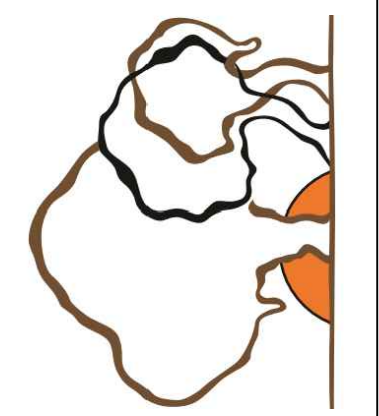
BEARINGS ON THIS MAP ARE BASED ON GPS
 NAD 83 STATE PLANE, ZONE-N.Y. WEST

UTILITIES
 The underground utilities shown have been located from field survey information & existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.
 Note: Underground Utility information has been ordered from the respective utility companies. As the information is received, this map will be amended to reflect said information.

- | | | |
|---|--|--|
| National Fuel
Attn: Ed Kuba
(716) 851-7967 | Time Warner Cable
Attn: Chris Smith
(800) 962-8600 | Verizon
Attn: Mark Dranschow
(716) 940-8636 |
| Erie County Water Dept.
Attn: Steve Denzer
(716) 655-6289 | N.Y.S. Electric & Gas
Attn: Sam Cappaglia
(716) 651-5256 | National Grid
Attn: Roy Schultz
(315) 428-6319 |

1 EXISTING TOPOGRAPHICAL SURVEY
 1" = 40'-0"

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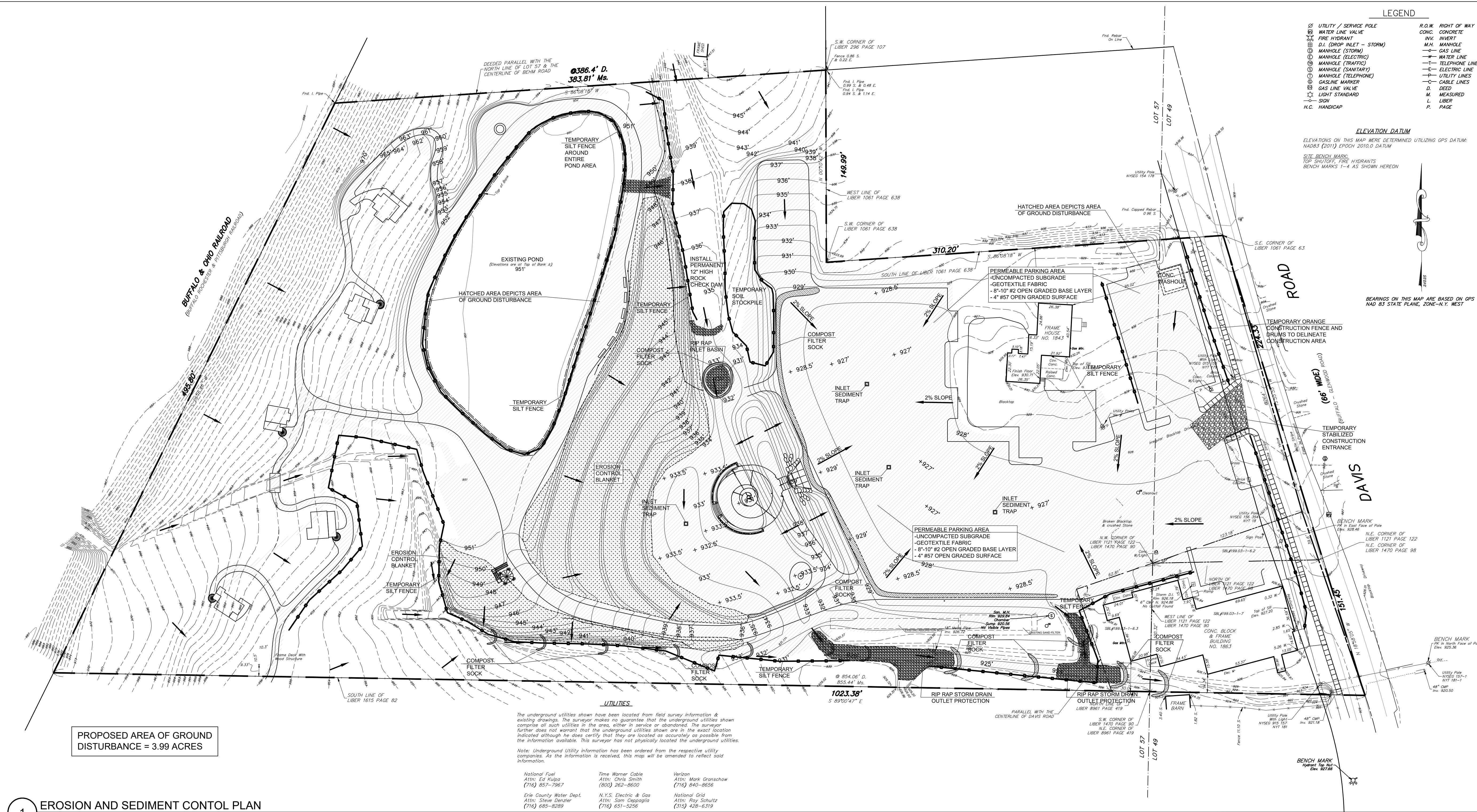


PROJECT NAME:
**WEST FALLS CENTER FOR THE
 ARTS EXPANSION
 EXISTING TOPO SURVEY AND
 DEMO PLAN**

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

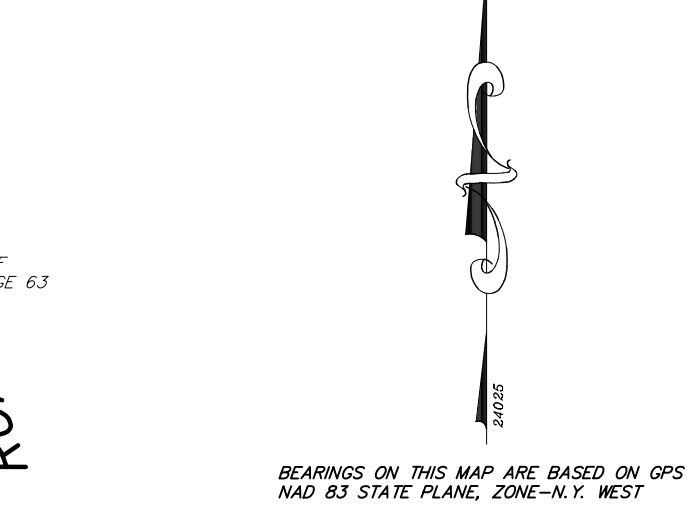
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 REV 1 - 3/14/23
 Page
 SP1.0



LEGEND

○	UTILITY / SERVICE POLE	R.O.W.	RIGHT OF WAY
○	WATER LINE VALVE	CONC.	CONCRETE
○	FIRE HYDRANT	INVT.	INVERT
○	D.I. (DROP INLET - STORM)	M.H.	MANHOLE
○	MANHOLE (STORM)	---	GAS LINE
○	MANHOLE (ELECTRIC)	---	WATER LINE
○	MANHOLE (TRAFFIC)	---	TELEPHONE LINE
○	MANHOLE (SANITARY)	---	ELECTRIC LINE
○	MANHOLE (TELEPHONE)	---	UTILITY LINES
○	GASLINE MARKER	---	CABLE LINES
○	GAS LINE VALVE	D.	DEED
○	LIGHT STANDARD	M.	MEASURED
○	SIGN	L.	LIBER
○	H.C. HANDICAP	P.	PAGE

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 SITE BENCH MARK:
 TOP SURVEY, FIRE HYDRANTS
 BENCH MARKS 1-4 AS SHOWN HEREON



BEARINGS ON THIS MAP ARE BASED ON GPS
 NAD 83 STATE PLANE, ZONE-N.Y. WEST

PROPOSED AREA OF GROUND
 DISTURBANCE = 3.99 ACRES

UTILITIES
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Erie County Water Dept. Attn: Steve Decker (716) 685-8289	N.Y.S. Electric & Gas Attn: Tom Capogrosso (716) 651-5256	National Grid Attn: Roy Schwitz (315) 428-6319

1 EROSION AND SEDIMENT CONTROL PLAN
 1" = 40'-0"

GENERAL NOTES

- THIS PROPERTY CONTAINS A FEDERALLY LISTED WETLAND. IT SHALL BE THE OWNERS RESPONSIBILITY TO CONTACT AN ENVIRONMENTAL CONSULTANT TO VISIT THE SITE AND COMPLETE A WETLAND DELINEATION IF NECESSARY, PRIOR TO ANY SITE WORK.
- THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVE GRADE STRUCTURES AND OR UTILITIES FROM FIELD LOCATION AND RECORD MAPPING. EXACT LOCATIONS MAY VARY FROM THE LOCATIONS INDICATED ON THE PLAN. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK AS EXACT AND OR APPROXIMATE LOCATIONS OF BURIED UTILITIES AND OR STRUCTURES, OR ITEMS NOT SHOWN, MAY EXIST ON THE SITE. CALL DIG SAFELY NEW YORK (811) 48 HOURS PRIOR TO DIGGING, DRILLING OR EARTH MOVING.
- THE CONTRACTOR SHALL MARK, LOCATE, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS IN THE AREAS OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKE OUT AS SHOWN ON THE PLANS.
- TRAFFIC SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. INGRESS AND EGRESS TO DRIVEWAYS, PARKING LOTS, AND SERVICE ROADS SHALL BE CONTINUOUSLY MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO EXISTING UTILITIES. DAMAGED UTILITIES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR, AT THE CONTRACTORS EXPENSE.
- ALL PROPOSED UTILITIES AND APPURTENANCES SHALL BE CONSTRUCTED IN COMPLIANCE WITH LOCAL MUNICIPALITIES' CODES AND REGULATIONS GOVERNING THE INSTALLATION OF SUCH UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC. AND SHALL COMPLY WITH ALL REQUIRED PERMITS.
- ALL WORK SHALL BE COMPLETED IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, STANDARDS, ORDINANCES, RULES AND REGULATIONS.
- MISCELLANEOUS WORK NOT SPECIFICALLY SHOWN OR DETAILED ON THE CONTRACT DOCUMENTS SUCH AS PATCHING, BLOCKING, TRIMMING, ETC. SHALL BE PERFORMED AS REQUIRED TO MAKE THE WORK COMPLETE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND COORDINATE WORK WITH ALL OTHER CONTRACTS FOR THE SITE.
- THE ENGINEER SHALL BE NOTIFIED OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTORS WORK SHALL NOT VARY FROM THE PLANS WITHOUT EXPRESSED APPROVAL BY THE ENGINEER.
- UNDESIRABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED.
- AT THE TIME OF COMPLETION AND ACCEPTANCE OF WORK, ALL AREAS DISTURBED BY THE CONTRACTORS OPERATIONS SHALL BE FINISHED, GRADED, TOPSOILED AND SEEDING PER THE SPECIFICATIONS.
- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF AURORA, NEW YORK.
- ALL SITE LIGHTING SHALL COMPLY WITH THE MOST CURRENT TOWN CODE.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE CODE ENFORCEMENT OFFICER OR HER REPRESENTATIVE PRIOR TO ANY PERMITS BEING ISSUED.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- THE CONTRACTOR SHALL INSTALL EROSION AND SILTATION CONTROL MEASURES DURING CONSTRUCTION TO PREVENT OFF-SITE TRANSPORT AND DEPOSITION OF MATERIALS.
- THE TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES DEPICTED ON THE SITE PLAN SHALL BE SUPPLEMENTED WITH ADDITIONAL CONTROLS IF FOUND NECESSARY DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE CONTROLS DURING CONSTRUCTION, AND REMOVING THE CONTROLS FOLLOWING RE-ESTABLISHMENT OF GROUND COVER. GROUND COVER SHALL BE ESTABLISHED WITHIN 30 DAYS OF COMPLETION OF FINAL GRADING.
- STRAW BALE SEDIMENT TRAPS SHALL BE PLACED AS SHOWN ON THE PLAN AND AS NEEDED DURING CONSTRUCTION.
- ALL SEDIMENTATION CONTROL STRUCTURES SHALL REMAIN IN EFFECTIVE OPERATING CONDITION.
- ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY FOLLOWING REMOVAL OF SEDIMENT CONTROL STRUCTURES.
- ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT TRACKING OF MUD ONTO PUBLIC WAYS.
- IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS BEEN TEMPORARILY OR PERMANENTLY CEASED, TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES SHALL BE INSTALLED AND/OR IMPLEMENTED WITHIN SEVEN (7) DAYS FROM THE DATE THE SOIL DISTURBANCE ACTIVITY CEASED. THE SOIL STABILIZATION MEASURES SELECTED SHALL BE IN CONFORMANCE WITH THE MOST CURRENT VERSION OF THE TECHNICAL STANDARD, NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- TEMPORARY SEED MIX (2 LBS. PER 1,000 S.F.)
 ANNUAL RYEGRASS 50% BY WEIGHT (90% PURITY)
 TALL FESCUE 50% BY WEIGHT (90% PURITY)
 PERMANENT SEED MIX (5 LBS. PER 1,000 S.F.)
 KENTUCKY BLUEGRASS 45% BY WEIGHT (90% PURITY)
 RED FESCUE 40% BY WEIGHT (95% PURITY)
 COMMON RYEGRASS 15% BY WEIGHT (95% PURITY)
 LAWN FERTILIZER (5# PER 1,000 S.F.)
 STRAW MULCH (75% GROUND COVERAGE)
- NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.
- IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT THE PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYSDEC REGULATIONS.

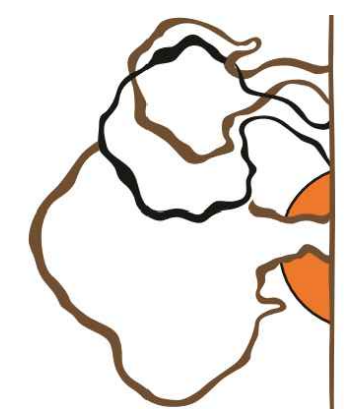
CONSTRUCTION SEQUENCE

- INSTALL SILT FENCE AT THE LOCATIONS INDICATED ON THE PLAN.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- STRIP TOPSOIL AND PLACE IT WITHIN THE DESIGNATED STORAGE AREA OR REMOVE IT FROM THE SITE.
- MASS GRADE THE DEVELOPMENT AREA.
- FINE GRADE ALL PARKING LOT SUBGRADE AREAS AND PLACE GEOTEXTILE FABRIC AND STONE BASE COURSE MATERIAL.
- FINE GRADE, TOPSOIL, SEED AND MULCH ALL AREAS THAT WILL NOT REQUIRE FUTURE DISTURBANCE.
- FOLLOWING CONSTRUCTION OF PARKING LOTS, TOPSOIL, SEED, AND MULCH ALL REMAINING DISTURBED AREAS.
- FOLLOWING ESTABLISHMENT OF A HEALTHY GROWTH OF TURF WITHIN ALL DISTURBED AREAS, REMOVE ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES.

CONSTRUCTION PRACTICES

- LITTER AND CONSTRUCTION DEBRIS SHALL BE PICKED UP ON A DAILY BASIS AND PLACED IN COVERED TRASH RECEPTACLES.
- CONSTRUCTION MATERIALS THAT ARE TEMPORARILY STORED IN THE WORK AREA WILL BE SECURED BY STRAP, ANCHORS OR COVERED TO PREVENT WIND TRANSPORT.
- ALL STORM DRAIN ENTRANCES SHALL BE SCREENED TO PREVENT ENTRY OF LITTER OR DEBRIS UNTIL FINAL INSPECTION.
- CONSTRUCTION CHEMICALS AND HAZARDOUS SUBSTANCES SHALL BE STORED IN ACCORDANCE WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS. THE CONTRACTOR SHALL HAVE AND MAINTAIN PROPER SPILL CONTAINMENT DEVICES ON SITE AT ALL TIMES.

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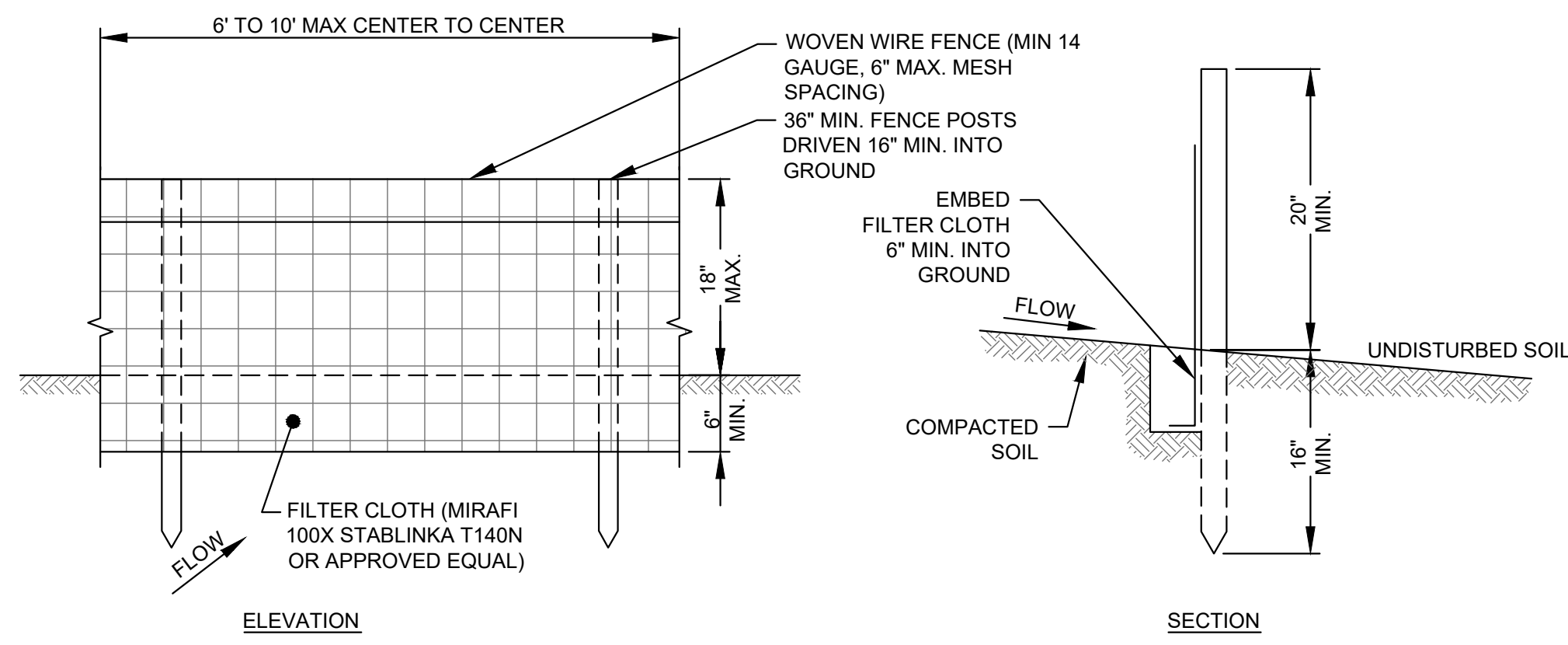
PROJECT NAME:
**WEST FALLS CENTER FOR THE
 ARTS EXPANSION
 EROSION AND SEDIMENT CONTROL
 PLAN**

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

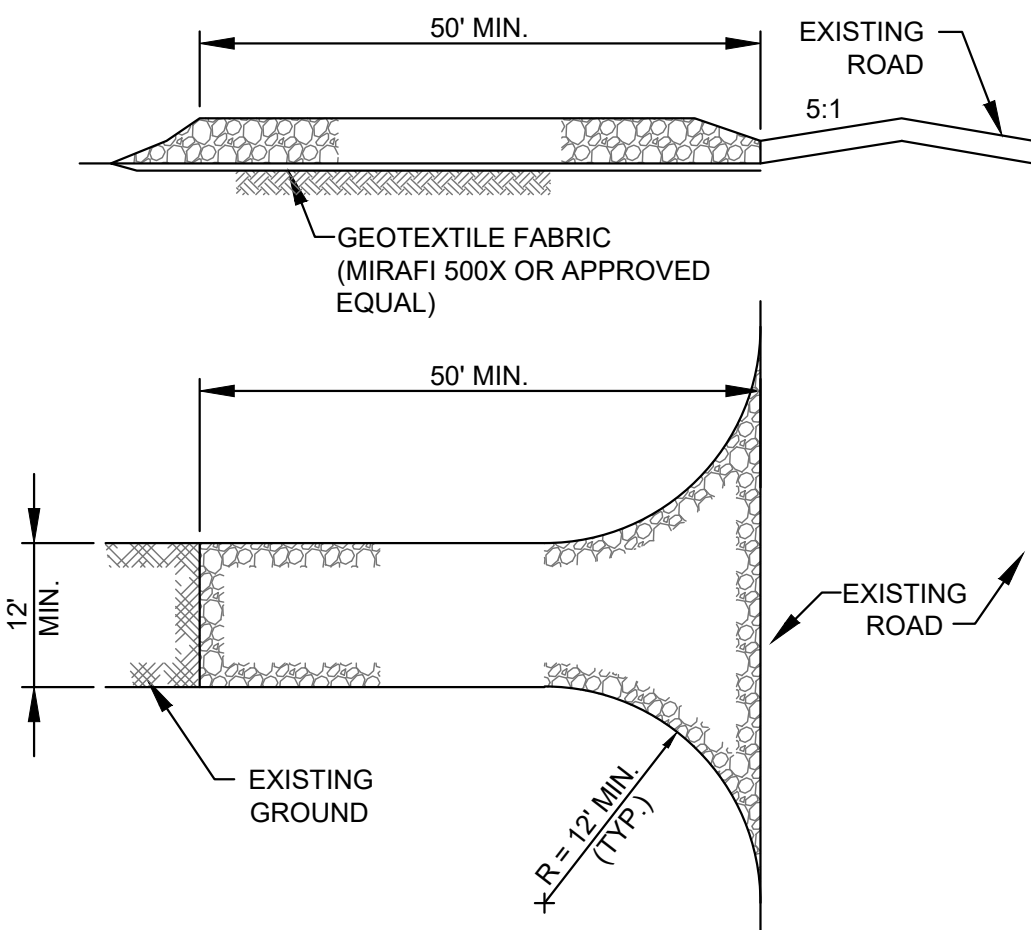
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 Date: _____
 Revision: REV. 1 - 3/14/23

SP.1.1



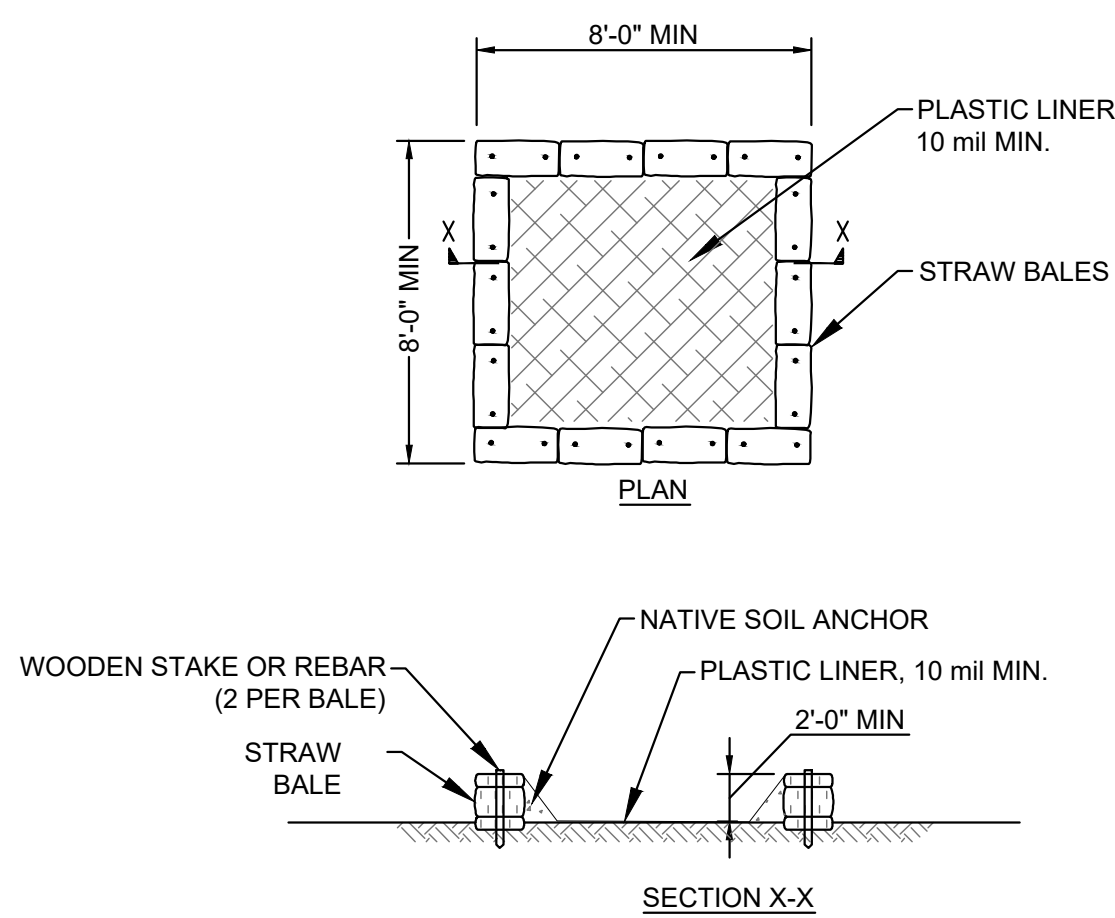
- 1.** WOVEN WIRE FENCE SHALL BE FASTENED TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- 2.** FILTER CLOTH SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MIDSECTION.
- 3.** WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- 4.** MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BUILD-UP REACHES 1/3 THE HEIGHT OF THE FENCE.
- POSTS:** STEEL "T" OR "U" TYPE OR 2" HARDWOOD.
- FENCE:** WOVEN WIRE, 14 1/2 GA 6" MAX MESH OPENING.
- FILTER CLOTH:** FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
- PREFABRICATED UNIT:** ENVIROFENCE OR APPROVED EQUAL.

SILT FENCE DETAILS
SCALE: N.T.S.



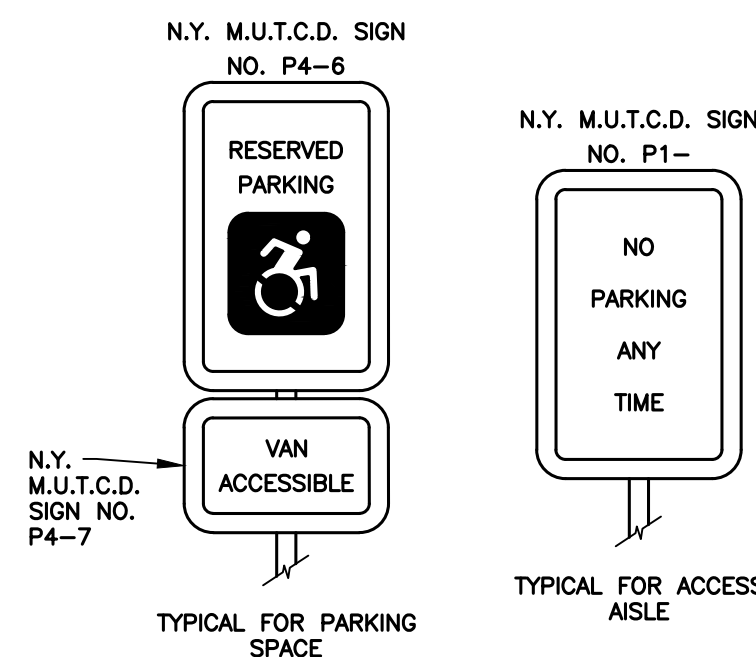
- WIDTH OF STABILIZED CONSTRUCTION ENTRANCE VARIES PER LOCATION, PROVIDE WIDTHS AS INDICATED ON PLAN SET.
- STONE SIZE - USE 1" - 4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MIN, BUT NOT LESS THAN THE FULL ROAD WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS, PROVIDE TWENTY-FOUR (24) FOOT WIDTH IF THERE IS ONLY A SINGLE ENTRANCE TO SITE.
- GEOTEXTILE - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

STABILIZED CONSTRUCTION ENTRANCE
SCALE: N.T.S.

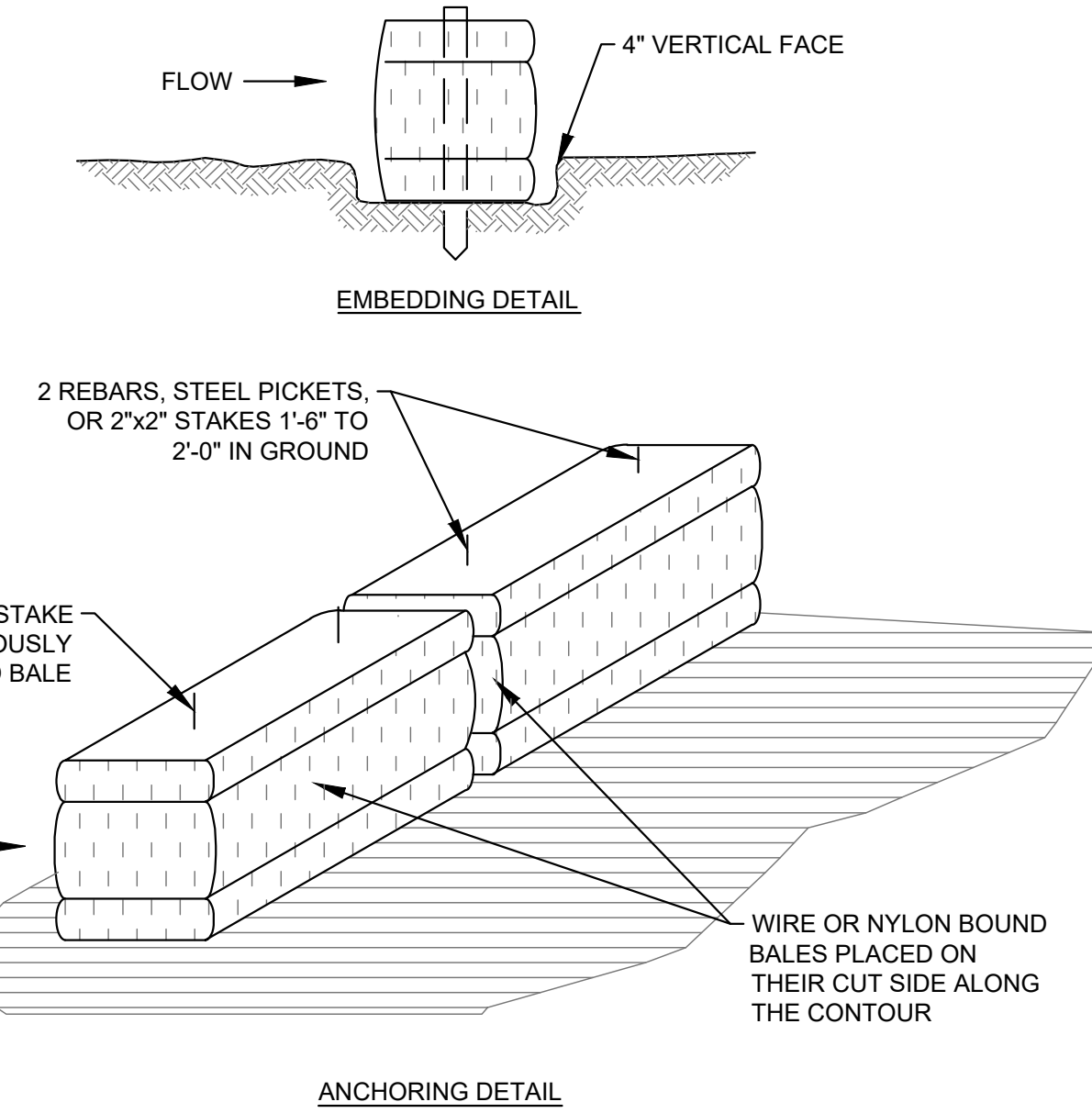
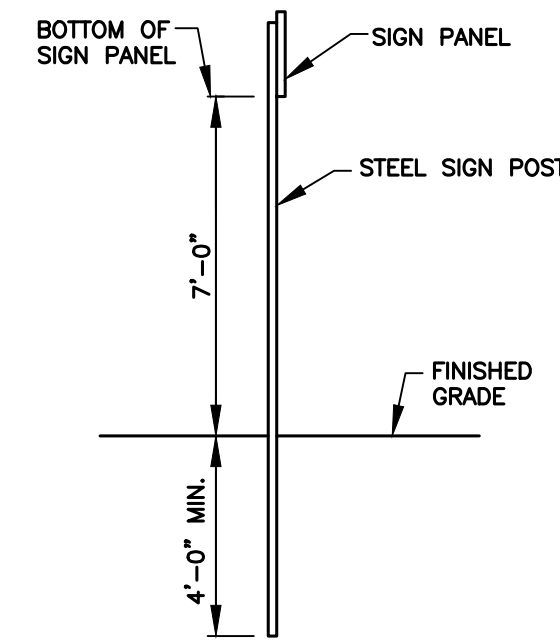


- NOTES:**
- SUMP(S) SHALL BE LOCATED NEAR WORK SITE BUT SHALL BE PLACED 300 FEET FROM ANY WETLAND OR WATERBODY.
 - SUMP(S) SHALL BE CLEANED AND WASTE CONCRETE REMOVED AND PROPERLY DISPOSED OF PERIODICALLY AND UPON COMPLETION OF WORK.
 - A SIGN SHALL BE INSTALLED INDICATING "CONCRETE WASHOUT".

TYPICAL CONCRETE WASHOUT
SCALE: N.T.S.

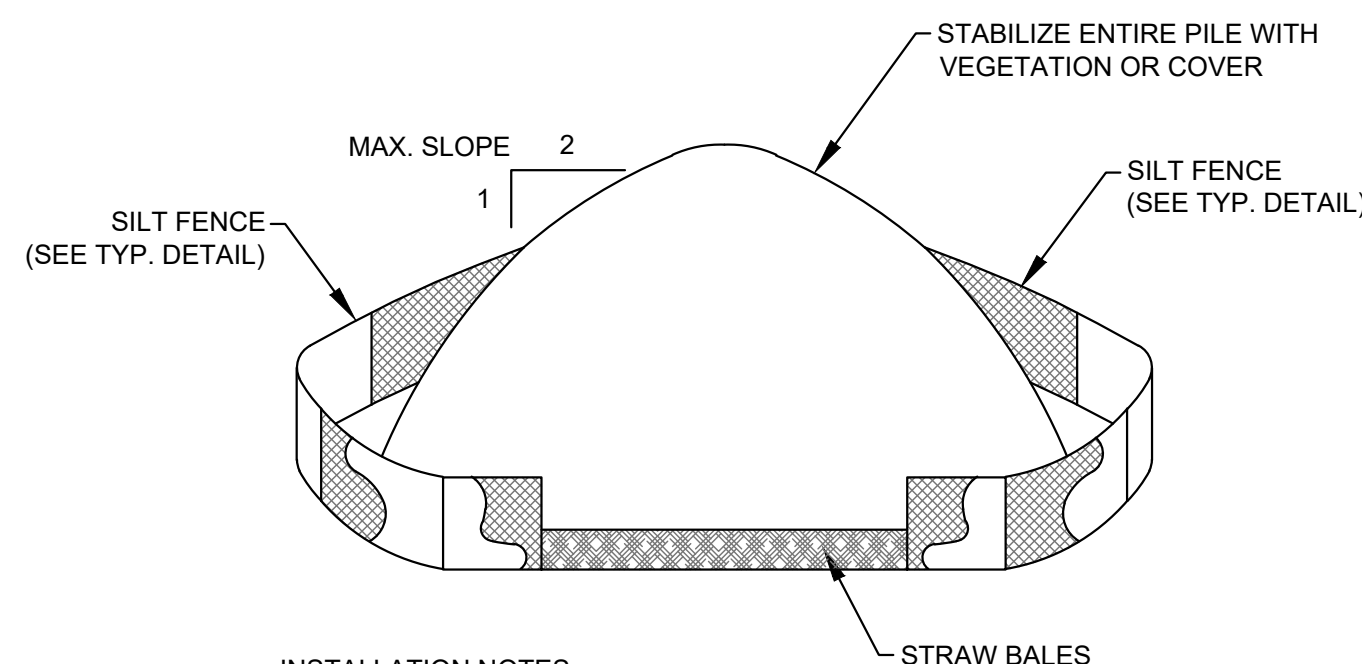


ACCESSIBLE PARKING SIGNS
SCALE: N.T.S.



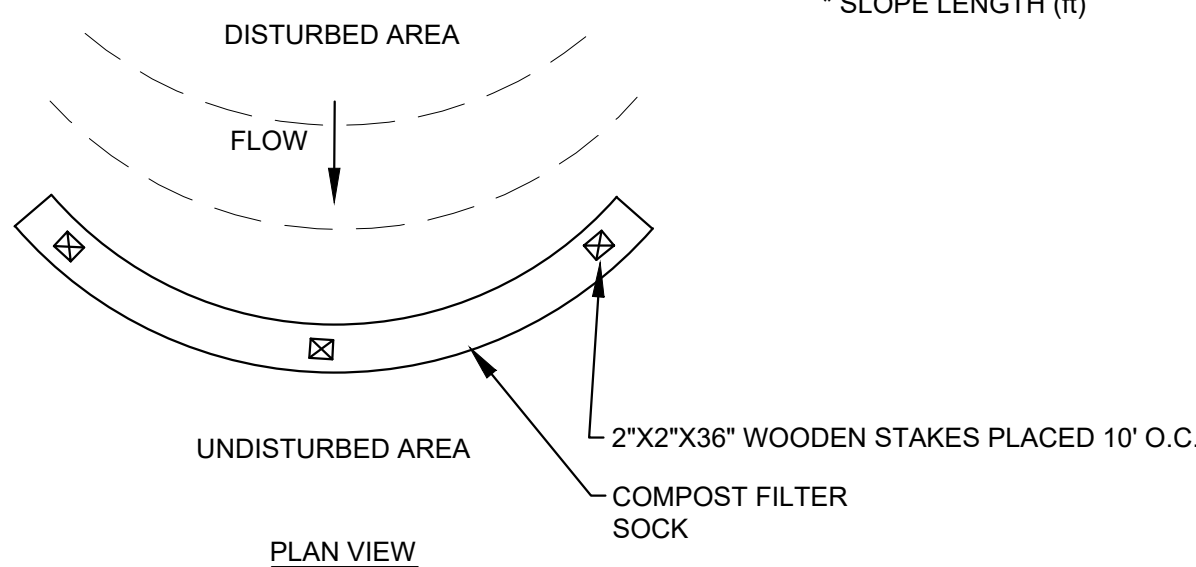
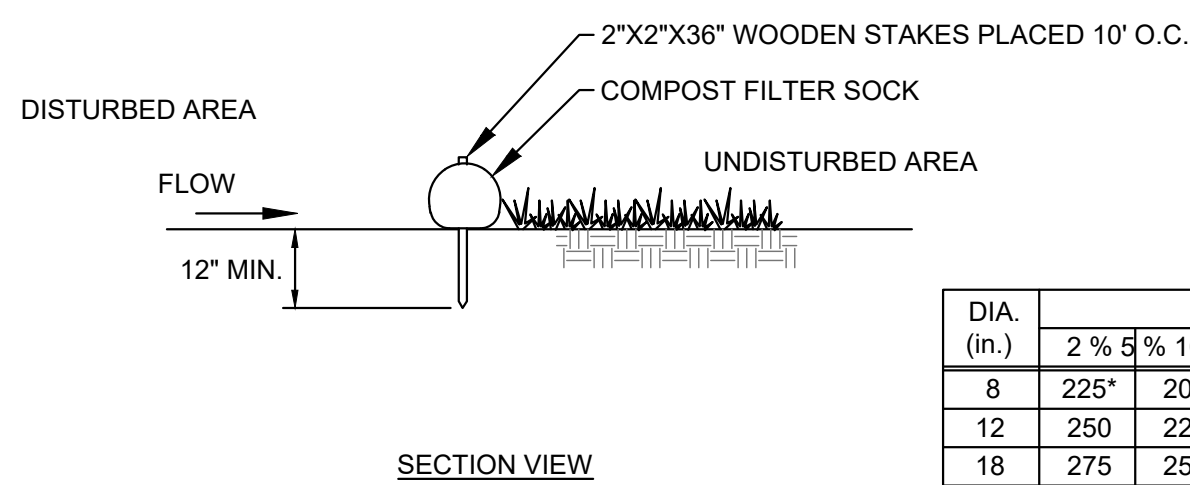
- BALES SHALL BE PLACED IN A ROW AT THE TOE OF A SLOPE OR ON THE CONTOUR, WITH ENDS TIGHTLY ADJUTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED INTO THE SOIL AT A MINIMUM OF 4 INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY DRIVING EITHER TWO STAKES OR REBARS THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE TOP OF THE BALE.
- INSPECTIONS SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULLNESS SO AS TO NOT BLOCK OR IMPEDE STORM FLOW OR DISCHARGE.

STRAW BALE BARRIER
SCALE: N.T.S.



- INSTALLATION NOTES:**
- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 - MAXIMUM SLOPE OF STOCKPILE SHALL BE 2H:1V.
 - UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAW BALES, THEN STABILIZED WITH VEGETATION OR COVERED.

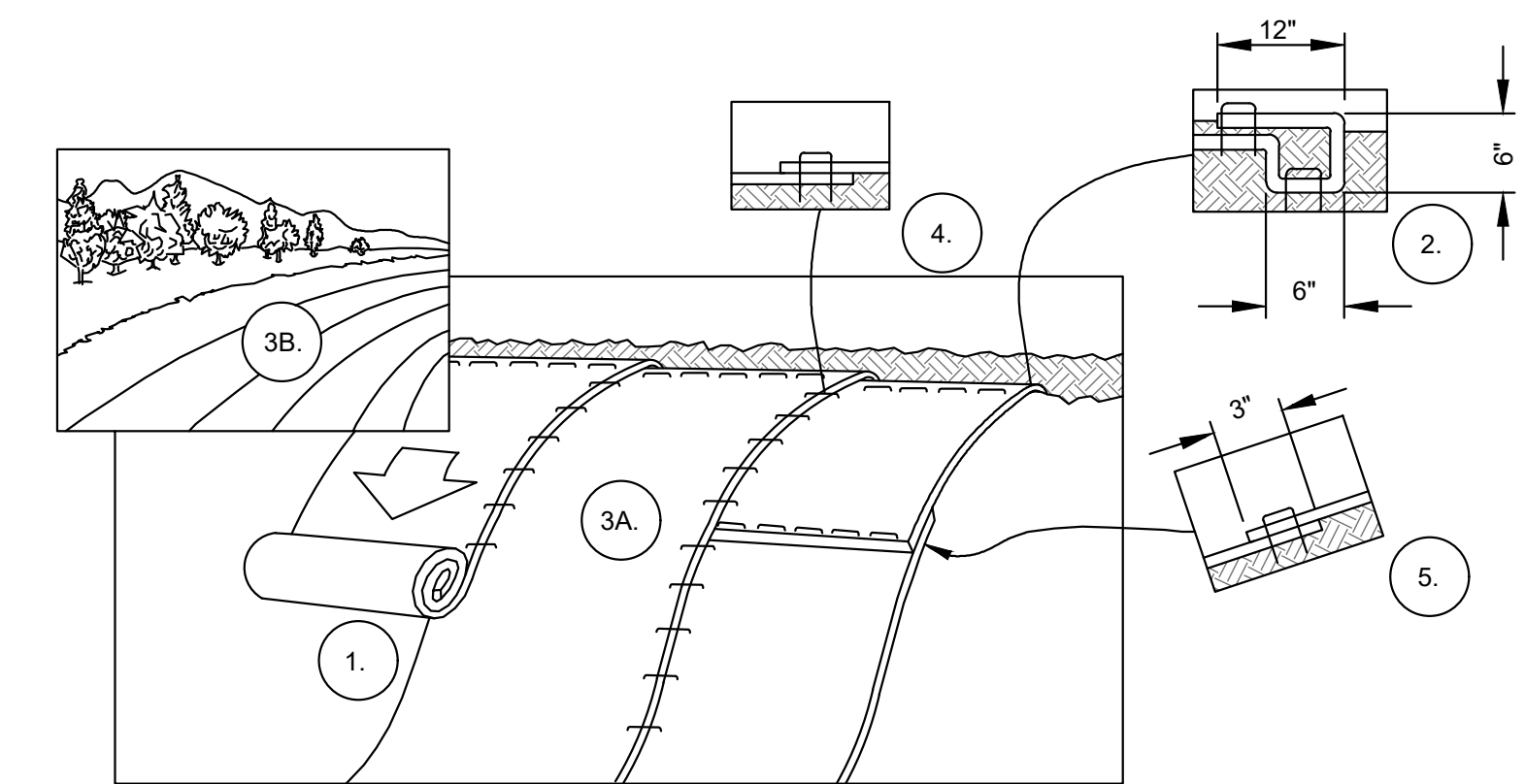
TYPICAL TOPSOIL STOCKPILE
SCALE: N.T.S.



TYPICAL COMPOST FILTER SOCK
SCALE: N.T.S.

DIA. (in.)	SLOPE						
	2%	5%	10%	20%	25%	33%	50%
8	225*	200	100	50	20	--	--
12	250	225	125	65	50	40	25
18	275	250	150	70	55	45	30
24	350	275	200	130	100	60	35
32	450	325	275	150	120	75	50

* SLOPE LENGTH (ft)

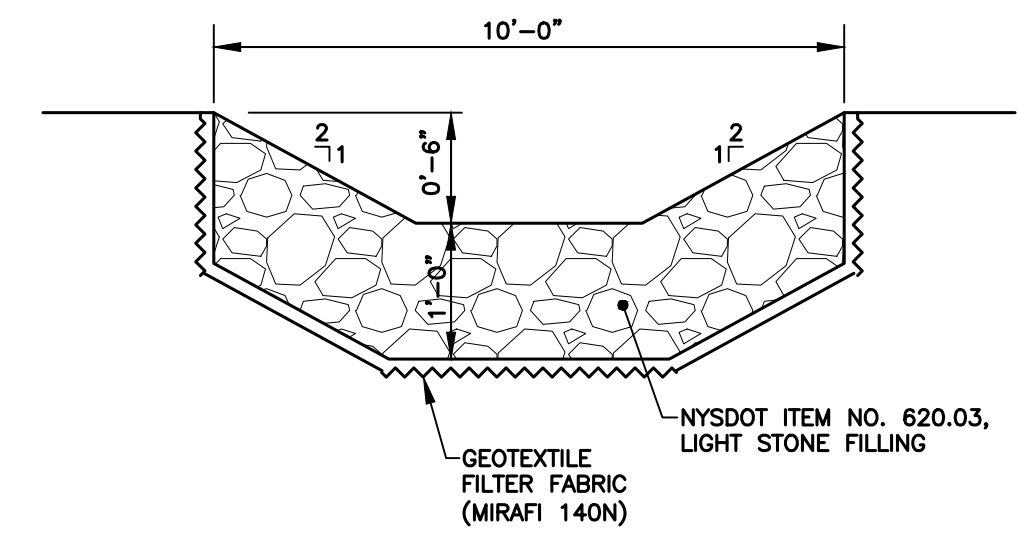


EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN S150 OR APPROVED EQUAL.

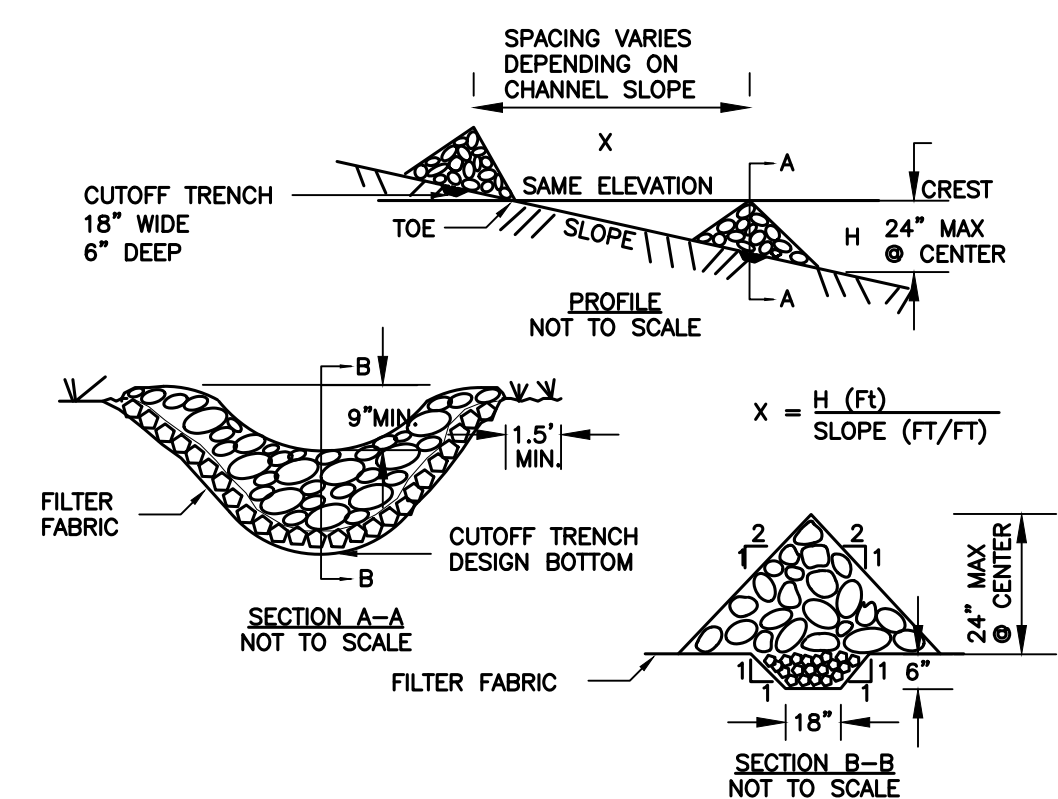
- PREPARE SOIL BEFORE INSTALLING BLANKETS BY SMOOTHING THE SURFACE, REMOVING DEBRIS AND LARGE STONES, AND APPLICATION OF ANY NECESSARY LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION CONTROL BLANKET INSTALLATION
SCALE: N.T.S.



STONE RIPRAP SPILLWAY
SCALE: N.T.S.

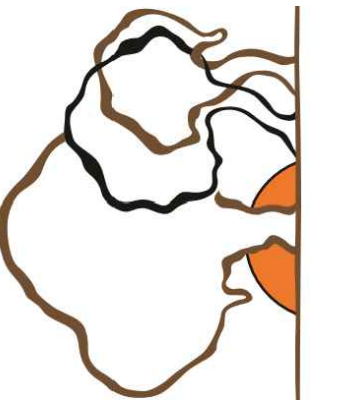


CONSTRUCTION SPECIFICATIONS

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

ROCK CHECK DAM
SCALE: N.T.S.

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PROJECT NAME:
WEST FALLS CENTER FOR THE
ARTS EXPANSION
EROSION AND SEDIMENT CONTROL
DETAILS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

SCALE: SEE PLAN

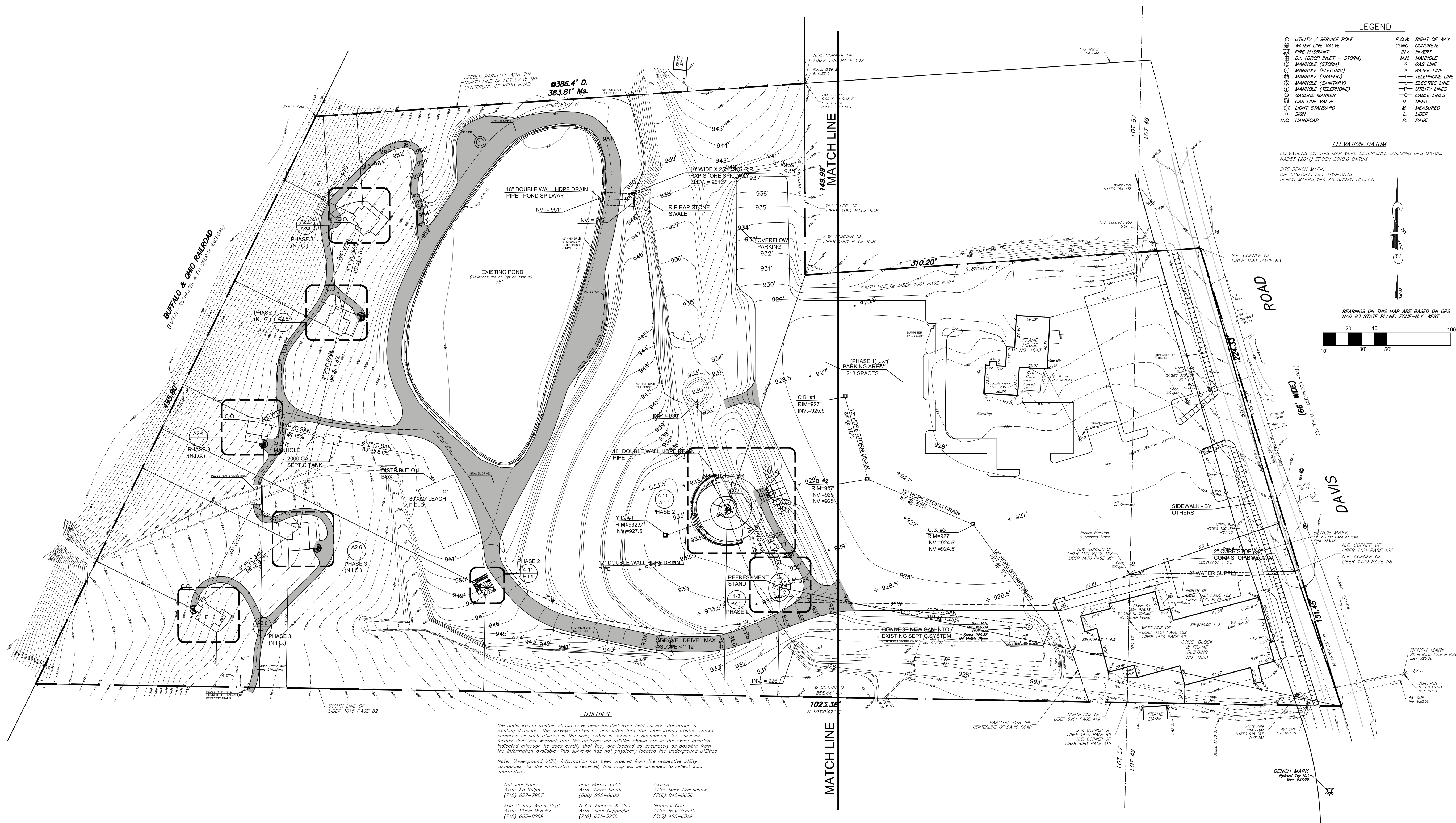
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Date: _____

Page: _____

SP1.2

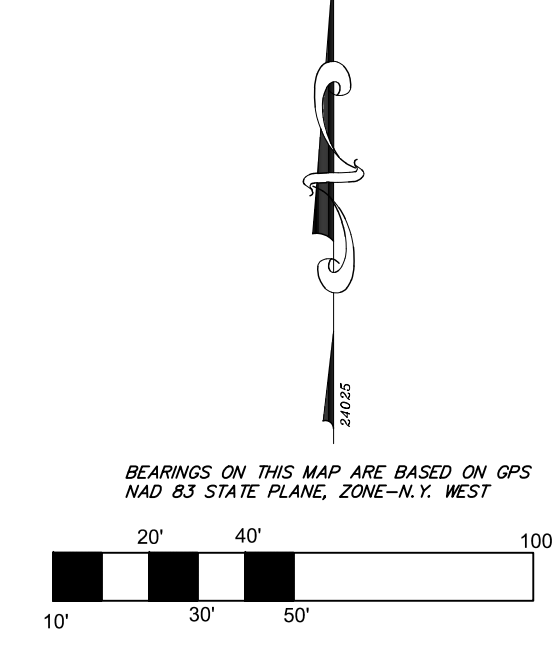
REV: 1 - 3/14/23



LEGEND

⊗ UTILITY / SERVICE POLE	R.O.W. RIGHT OF WAY
⊕ WATER LINE VALVE	CONC. CONCRETE
⊕ FIRE HYDRANT	INVT. INVERT
⊕ D.I. (DROP INLET - STORM)	M.H. MANHOLE
⊕ MANHOLE (STORM)	— GAS LINE
⊕ MANHOLE (ELECTRIC)	— WATER LINE
⊕ MANHOLE (TELEPHONE)	— TELEPHONE LINE
⊕ MANHOLE (SANTARY)	— ELECTRIC LINE
⊕ MANHOLE (TELEPHONE)	— UTILITY LINES
⊕ GAS LINE VALVE	— CABLE LINES
⊕ LIGHT STANDARD	D. DEED
— SIGN	M. MEASURED
H.C. HANDICAP	L. LIBER
	P. PAGE

ELEVATION DATUM
 ELEVATIONS ON THIS MAP WERE DETERMINED UTILIZING GPS DATUM: NAD83 (2011) EPOCH 2010.0 DATUM
 SITE BENCH MARK: TOP SURFACE FIRE HYDRANTS
 BENCH MARKS 1-4 AS SHOWN HEREON

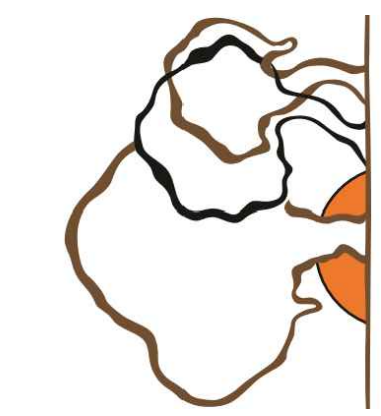


UTILITIES
 The underground utilities shown have been located from field survey information & existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.
 Note: Underground Utility Information has been ordered from the respective utility companies. As the information is received, this map will be amended to reflect said information.

National Fuel Attn: Ed Mulca (716) 857-7967	Time Warner Cable Attn: Davis Smith (800) 262-8600	Verizon Attn: Mark Oranschow (716) 840-8656
Erie County Water Dept. Attn: Steve Dender (716) 685-8289	N.Y.S. Electric & Gas Attn: Sam Cappoglia (716) 631-3256	National Grid Attn: Roy Schultz (716) 428-6319

1 GRADING PLAN
 1" = 40'-0"

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PROJECT NAME:
 WEST FALLS CENTER FOR THE
 ARTS EXPANSION
 GRADING PLAN

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

SCALE: SEE PLAN
 DRAWN BY: ALS
 Date: _____
 Sheet: REV. 1 - 3/14/23 Page: SP.1.3



PROJECT NAME:
**WEST FALLS CENTER FOR THE
 ARTS EXPANSION
 GRADING PLAN**

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

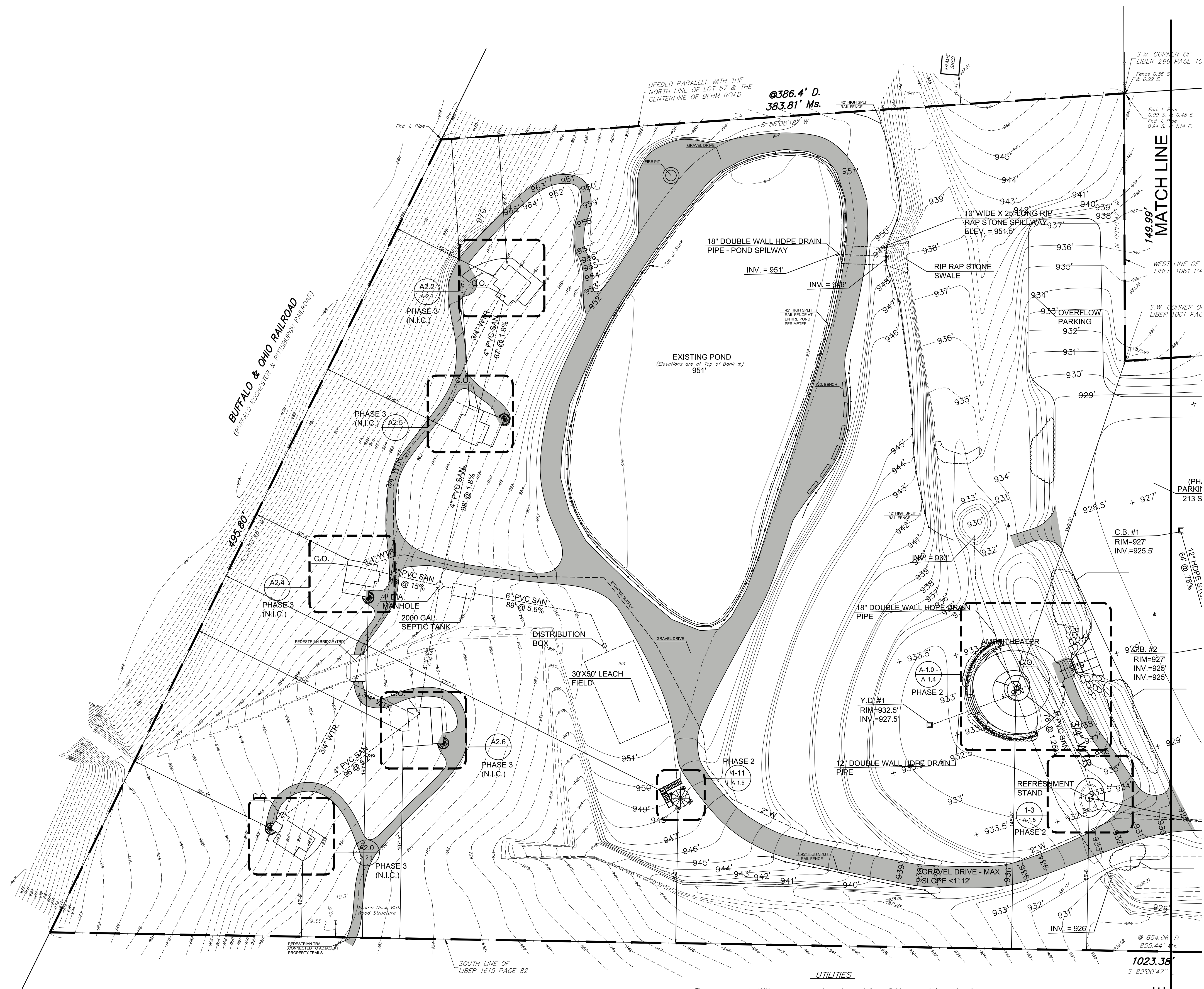
SCALE: SEE PLAN

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Date: _____

Submitted: _____

REV. 1 - 3/14/23

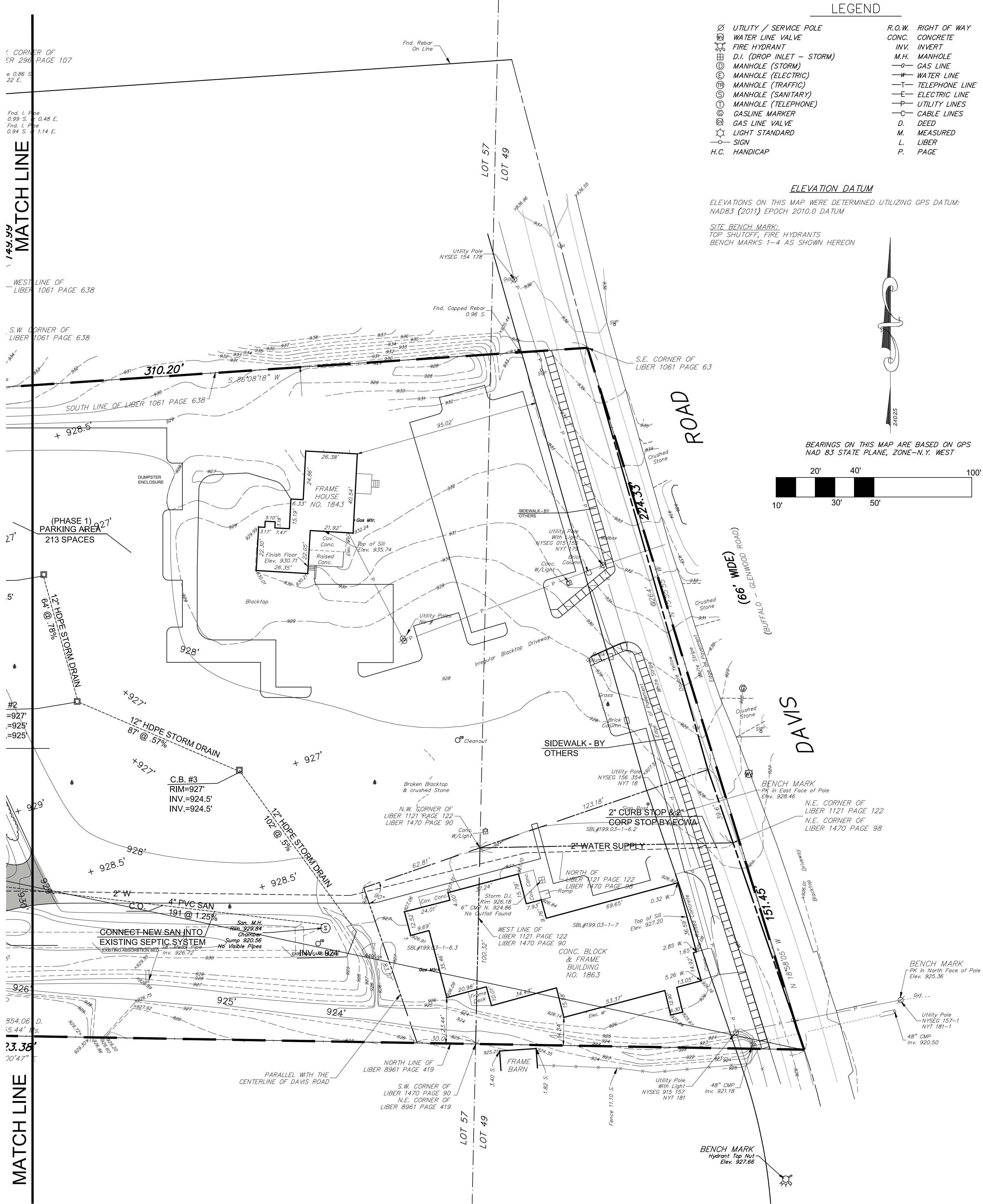


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- | | | |
|--|--|--|
| National Fuel
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Attn: Roy Schultz
(315) 428-6319 |



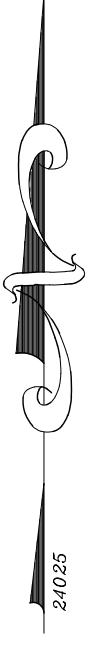
LEGEND

- | | |
|-----------------------------|---------------------|
| ⊗ UTILITY / SERVICE POLE | R.O.W. RIGHT OF WAY |
| ⊕ WATER LINE VALVE | CONC. CONCRETE |
| ⊕ FIRE HYDRANT | INV. INVERT |
| ⊕ D.I. (DROP INLET - STORM) | M.H. MANHOLE |
| ⊕ MANHOLE (STORM) | — GAS LINE |
| ⊕ MANHOLE (ELECTRIC) | — WATER LINE |
| ⊕ MANHOLE (TRAFFIC) | — TELEPHONE LINE |
| ⊕ MANHOLE (SANITARY) | — ELECTRIC LINE |
| ⊕ MANHOLE (TELEPHONE) | — UTILITY LINES |
| ⊕ GASLINE MARKER | — CABLE LINES |
| ⊕ GAS LINE VALVE | D. DEED |
| ⊕ LIGHT STANDARD | M. MEASURED |
| ⊕ SIGN | L. LIBER |
| H.C. HANDICAP | P. PAGE |

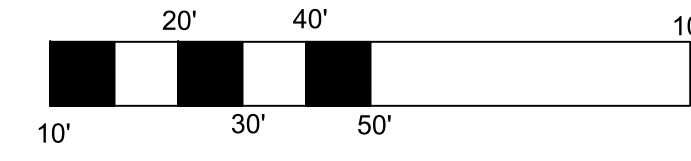
ELEVATION DATUM

ELEVATIONS ON THIS MAP WERE DETERMINED UTILIZING GPS DATUM:
NAD83 (2011) EPOCH 2010.0 DATUM

SITE BENCH MARK:
TOP SHUTOFF, FIRE HYDRANTS
BENCH MARKS 1-4 AS SHOWN HEREON



BEARINGS ON THIS MAP ARE BASED ON GPS
NAD 83 STATE PLANE, ZONE-N.Y. WEST



1. CORNER OF
ER 296 PAGE 107

WEST LINE OF
LIBER 1061 PAGE 638

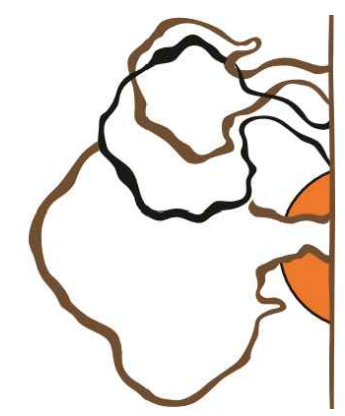
S.W. CORNER OF
LIBER 1061 PAGE 638

S.E. CORNER OF
LIBER 1061 PAGE 63

(PHASE 1)
PARKING AREA
213 SPACES

1 GRADING PLAN
1" = 30'-0"

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PROJECT NAME:
**WEST FALLS CENTER FOR THE
ARTS EXPANSION
GRADING PLAN**

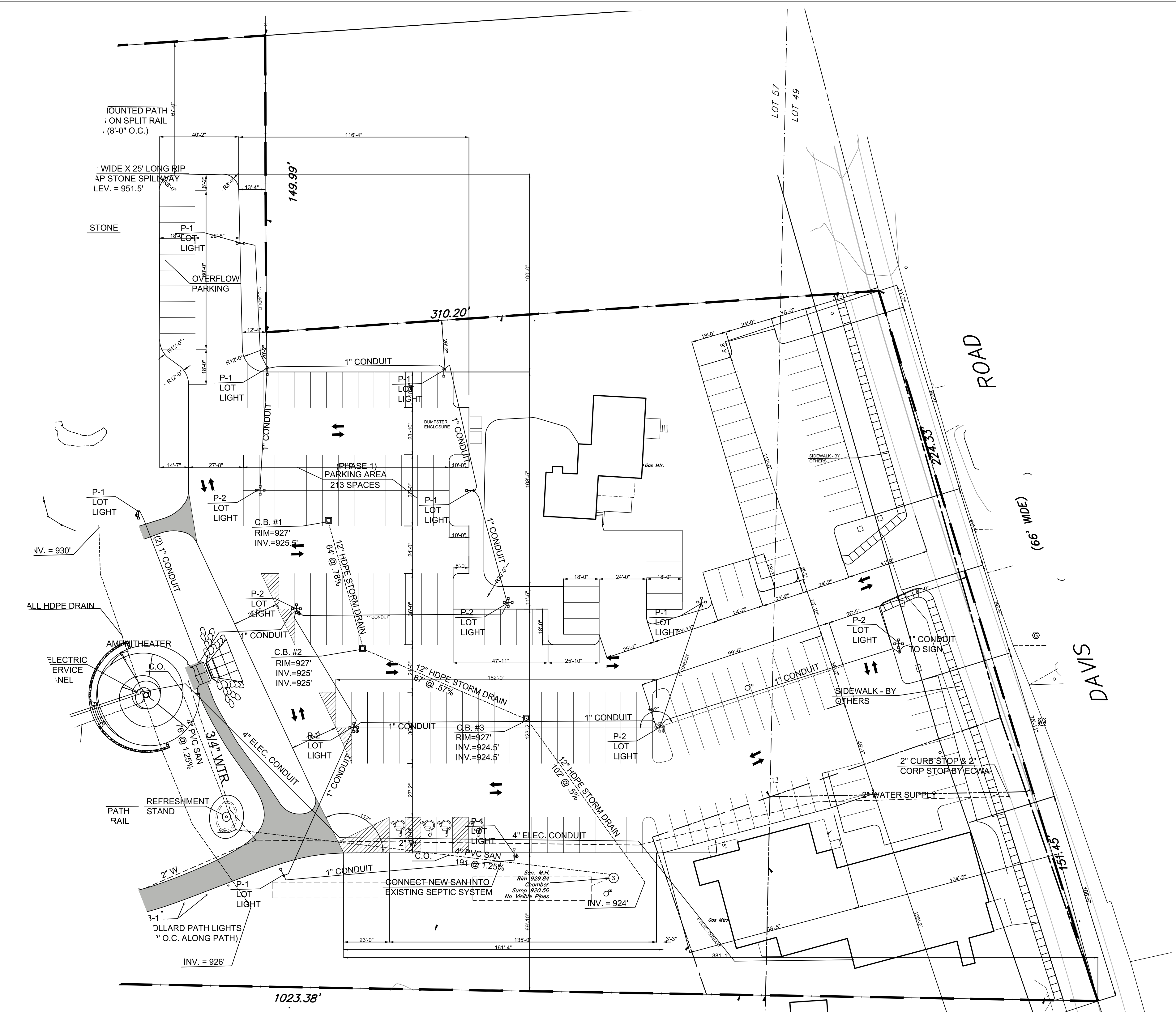
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INITIALS: _____ DATE: _____

SCALE: SEE PLAN

DRAWN BY: ALS

REV. 1 - 3/14/23 Page
SP1.5



1 PARKING LAYOUT PLAN
1" = 30'-0"

PK802 LED Light Pole Kit with Two 80 Watt LED Lights

Jobs: _____ State: _____ Client Name: _____ Code: _____
Notes: _____ Approvals: _____

Commercial grade LED Light Pole Assembly Includes:
Square steel light pole, 2 LED lights complete with mounting brackets and hardware, set of anchor bolts and a base cover.

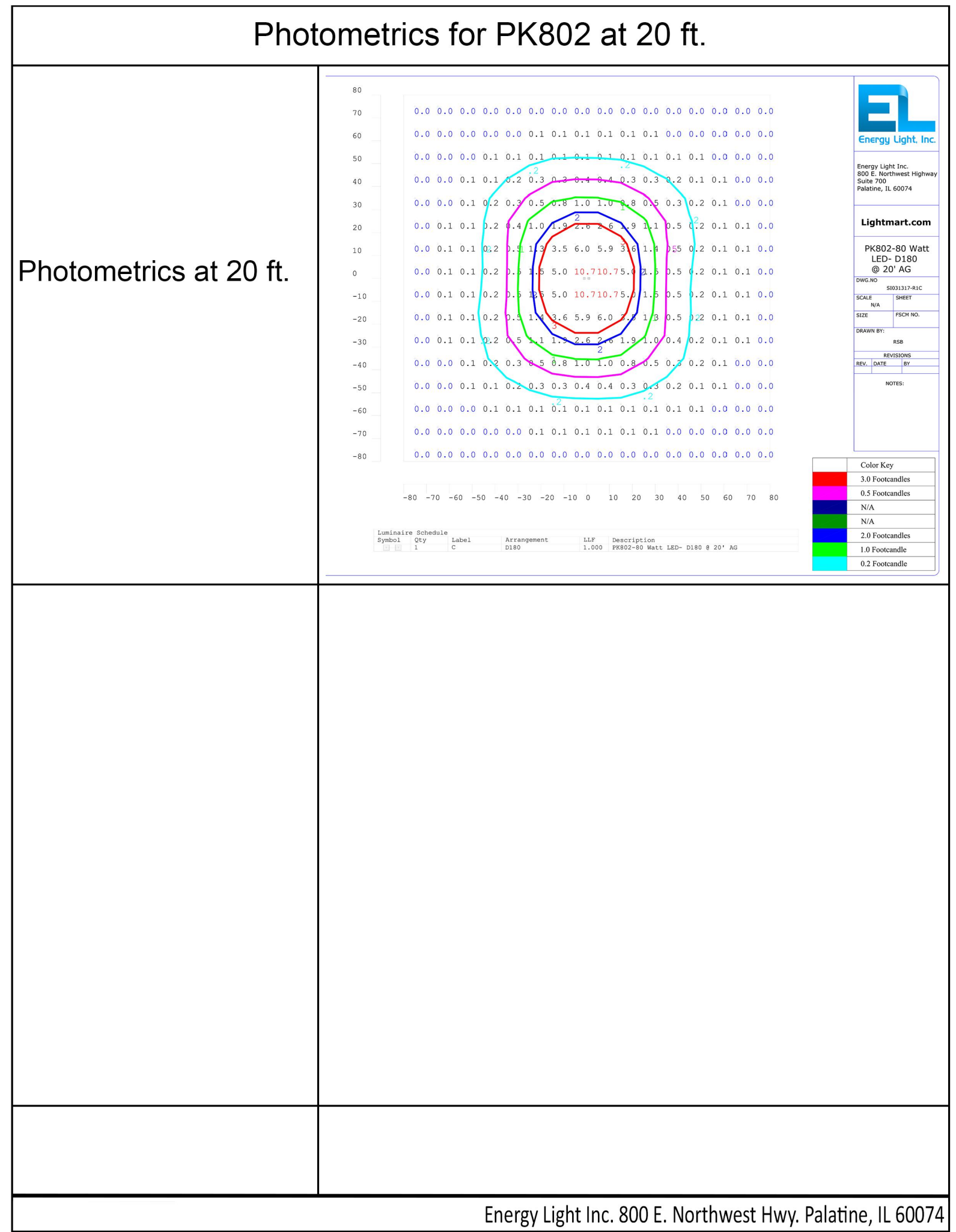
Light Pole:
Pole Shaft: 4 inch square 11 gauge commercial grade steel with minimum yield strength of 55,000 psi
Pole Height: Standard pole height is 10 ft. Optional heights are 15ft. and 20 ft.
Custom heights are also available.
Anchor Bolts: A set of 4 galvanized steel anchor bolts is provided.
Each anchor bolt includes 2 nuts and 2 washers.
Bolt Circle: 8-1/2" (distorted base for 8-1/2" Bolt Circle)
Handhole: Handhole is located 18" above the base plate. A 3" X 6" steel handhole cover is included.
Color: Dark Bronze
Base Cover: ABS Plastic base cover with rivets.

LED Fixture:
Material: Aluminum construction with integrated fins to maximize heat dissipation.
Color: Dark Bronze
Power: 80 Watts
Lumens: 11,000
Lumens/Watt: 138
Voltage: 120-277 Volt standard. 200-480 Volt option as special order.
Color Temperature: 5000K standard. 4000K and 3000K options as special order.
Light Distribution: Type 3 standard. Type 4 option as special order.
Photocell: Optional Twist/Lock photocell.
Dimming: 0-10V Dimming Capable. Dimming control not provided (field install).
UL Listing: UL Listed for Wet Locations.
DLC Listing: DLC Premium.
IP Rating: IP65
Life Expectancy: 100,000 hours (L70)
Warranty: 5 Years.
Weight: 13.5 lbs.

System Data			
Total Power (Watts)	Total Lumens	Total Amps	Max Wind Rating
2x80=160	2x11,000=22,000	2x0.7=1.4 @ 0.3=0.6 14Q	mph

Photometric diagrams showing 90 and 180 degree orientations of the light fixture. Includes detailed views of the LED fixture (bottom and top views), base plate, and anchor bolt.

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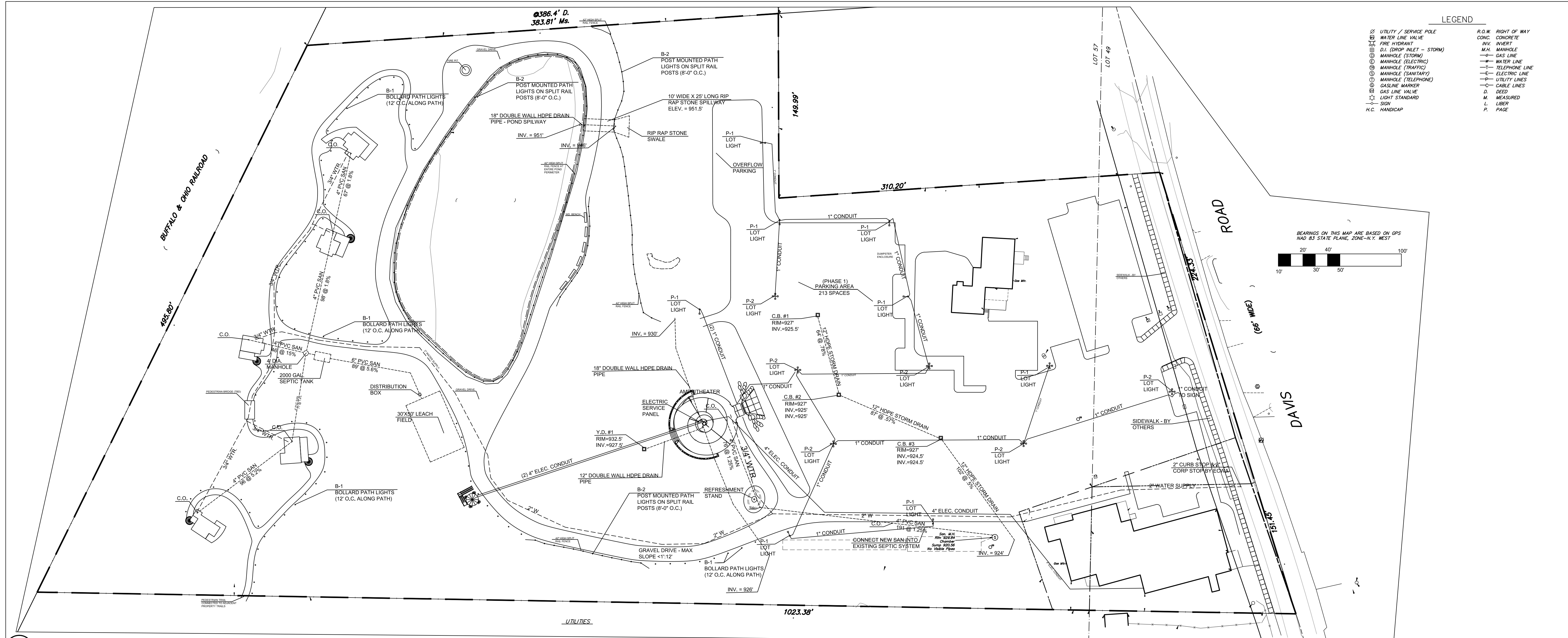
PROJECT NAME:
**WEST FALLS CENTER FOR THE
ARTS EXPANSION
PARKING LAYOUT PLAN**

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

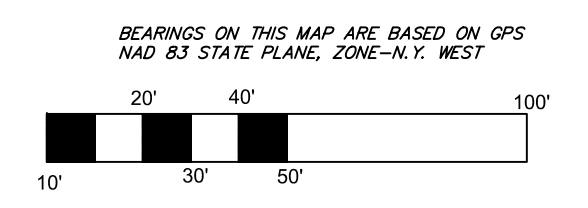
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DATE: _____
REV: 1 - 3/14/23

Page: SP1.6



LEGEND

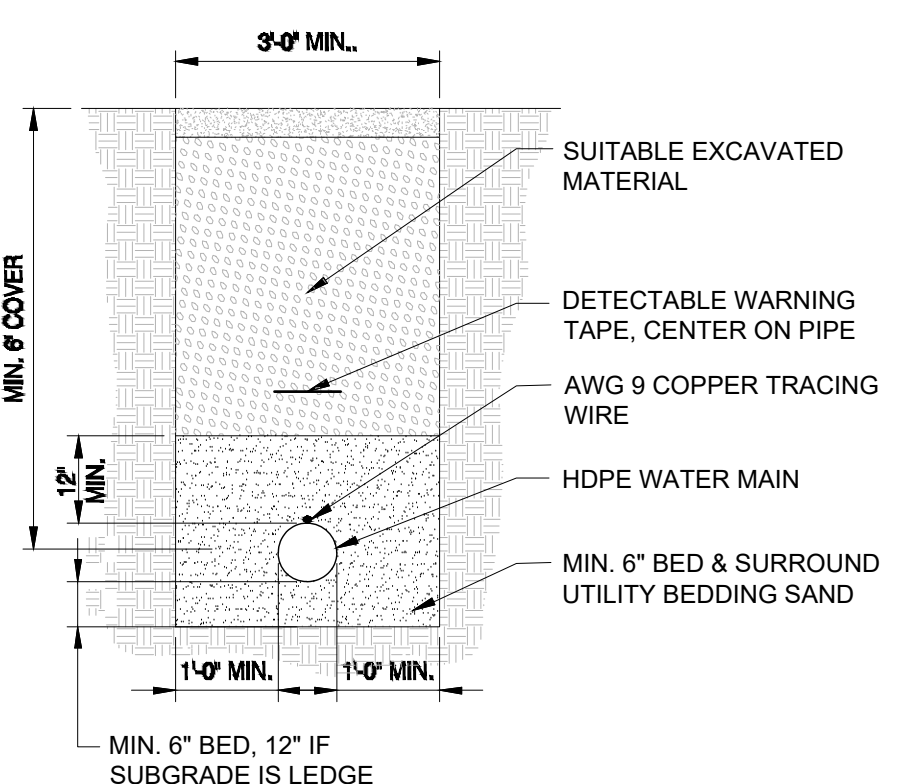
U	UTILITY / SERVICE POLE	R.O.W	RIGHT OF WAY
W	WATER LINE VALVE	CONC.	CONCRETE
F	FIRE HYDRANT	INV.	INVERT
DI	DROP INLET - STORM	M.H.	MANHOLE
M	MANHOLE (STORM)	GAS	GAS LINE
EM	MANHOLE (ELECTRIC)	TEL	TELEPHONE LINE
MT	MANHOLE (TRAFFIC)	E	ELECTRIC LINE
MS	MANHOLE (SANITARY)	UL	UTILITY LINES
MTL	MANHOLE (TELEPHONE)	CL	CABLE LINES
G	GAS LINE VALVE	D	DEED
LS	LIGHT STANDARD	M	MEASURED
S	SIGN	L	LIBER
H.C.	HANDICAP	P.	PAGE



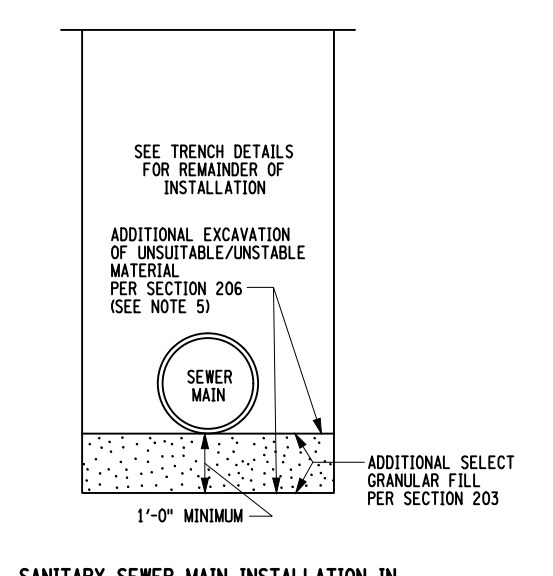
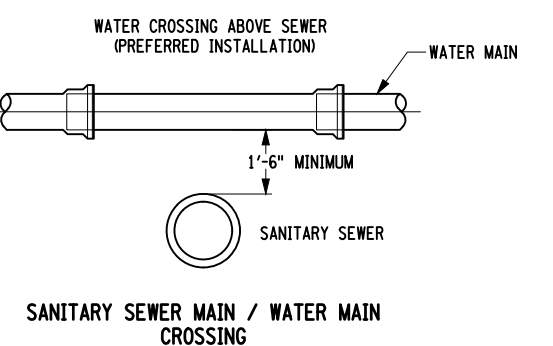
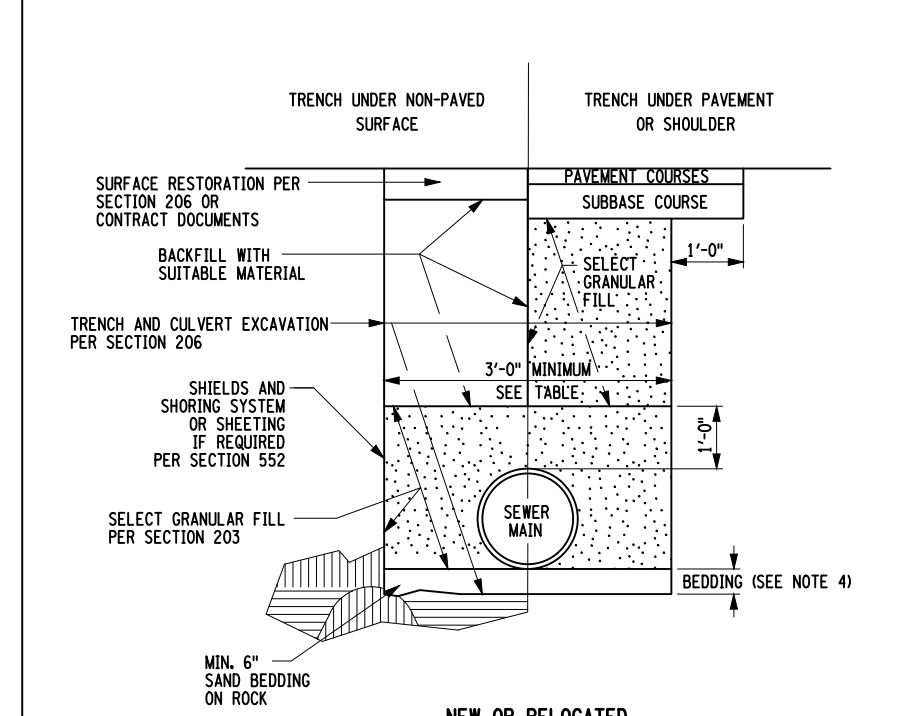
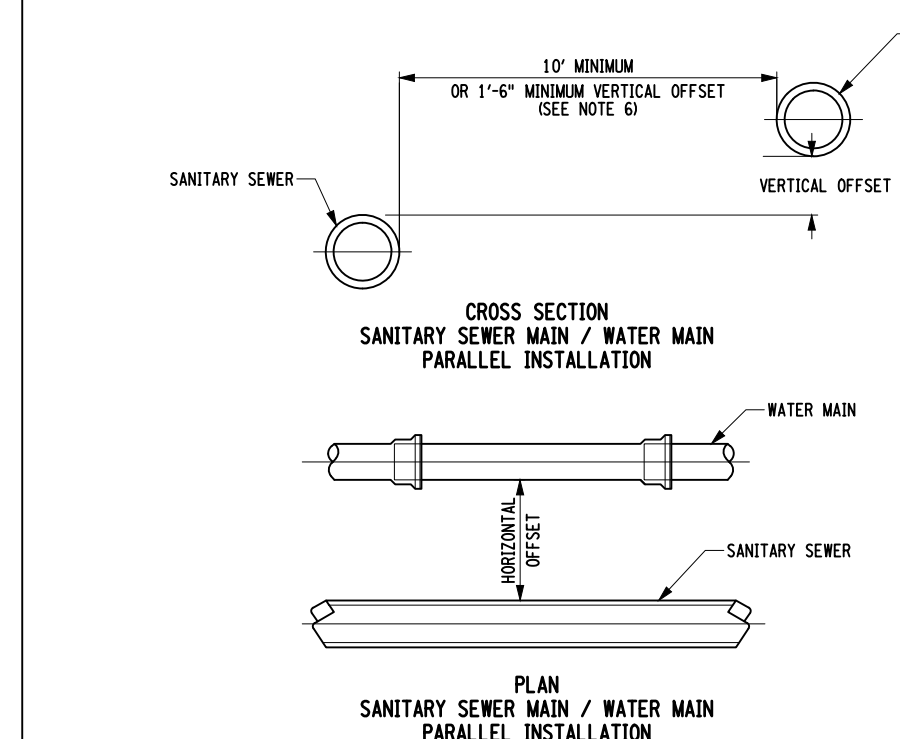
BEARINGS ON THIS MAP ARE BASED ON GPS
NAD 83 STATE PLANE, ZONE-N.Y. WEST

1 UTILITY PLAN
1" = 40'-0"

- NOTES:**
- SEE SPECIAL NOTES ENTITLED "OWNER REQUIREMENTS FOR SEWER MAINS AND APPURTENANCES" FOR INFORMATION ON ADDITIONAL REQUIREMENTS. REQUIREMENTS ARE CONSISTENT WITH "10 STATE STANDARDS" AS PUBLISHED BY HEALTH EDUCATION SERVICES.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ELEVATIONS OF EXISTING UTILITIES TO ENSURE ADEQUATE CLEARANCE FOR THE SEWER LINE EXISTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF CONFLICTING ELEVATIONS, ALLOWING THE ENGINEER ADEQUATE TIME TO REVISE GRADES WITHOUT NECESSITATING REMOVAL AND RECONSTRUCTION OF WORK ALREADY COMPLETED BY THE CONTRACTOR.
 - THE TOP PAYMENT LINE FOR TRENCH EXCAVATION SHALL BE PER SECTION 206.
 - BEDDING BELOW THE PIPE INVERT SHALL BE REQUIRED ONLY WHEN NOTED IN THE OWNER REQUIREMENTS OR WHEN ROCK OR UNSUITABLE OR UNSATURABLE CONDITIONS ARE ENCOUNTERED.
 - IF UNSUITABLE OR UNSATURABLE SOIL CONDITIONS ARE ENCOUNTERED NEAR THE INVERT ELEVATION, A MINIMUM OF 1' AND A MAXIMUM OF 2' OF MATERIAL SHALL BE EXCAVATED AND REPLACED WITH SELECT GRANULAR FILL. ADDITIONAL PAYMENT WILL BE MADE FOR MATERIAL PLACED TO TREAT UNSUITABLE OR UNSATURABLE CONDITIONS.
 - NEW SANITARY SEWER MAINS INSTALLED PARALLEL TO WATER MAINS SHALL HAVE A MINIMUM OF 10' HORIZONTAL SEPARATION MEASURED EDGE OF PIPE TO EDGE OF PIPE OR EDGE OF STRUCTURE WHENEVER POSSIBLE. WHEN 10' HORIZONTAL SEPARATION CANNOT BE MAINTAINED A VERTICAL SEPARATION OF AT LEAST 1'-6" BETWEEN BOTTOM OF WATER MAIN AND TOP OF SANITARY SEWER PIPE SHALL BE MAINTAINED. IF NEITHER SEPARATION CAN BE MAINTAINED, THE SANITARY SEWER MAIN AND WATER PIPE SHALL BE CONSTRUCTED AS SHOWN ON THE CONTRACT DOCUMENTS AS APPROVED BY THE APPROPRIATE HEALTH AGENCY.
 - BACKFILL SHALL BE INSTALLED AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 203.

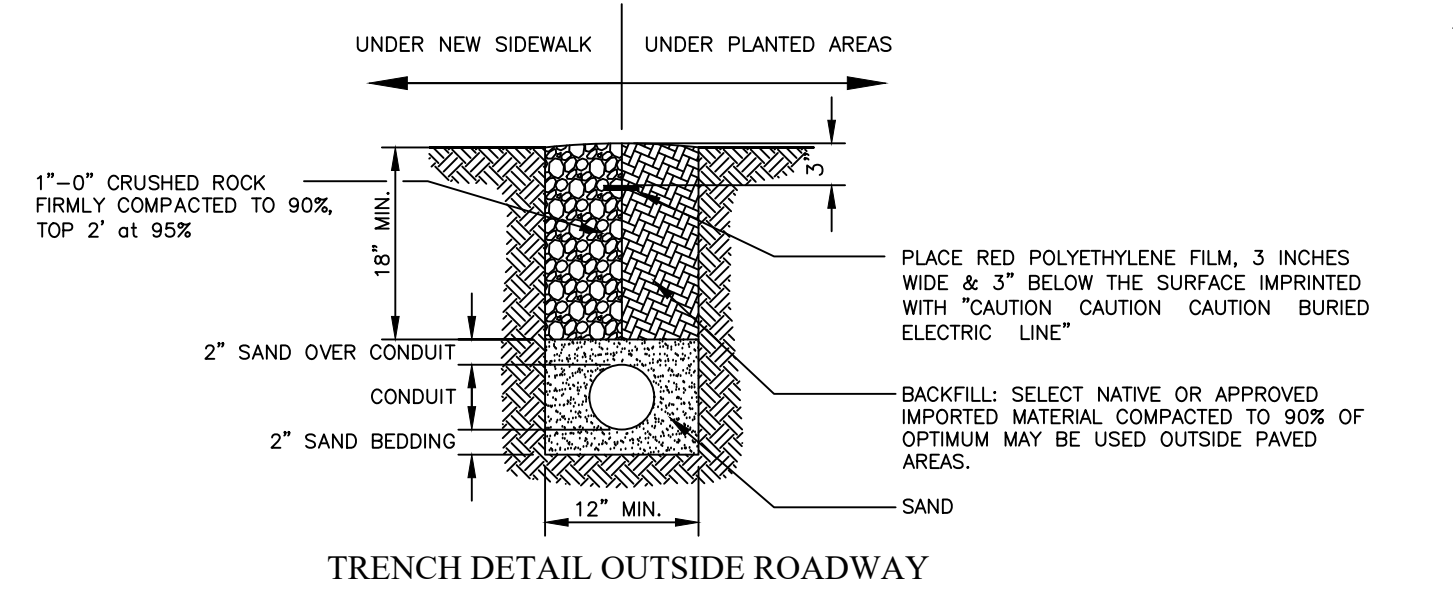
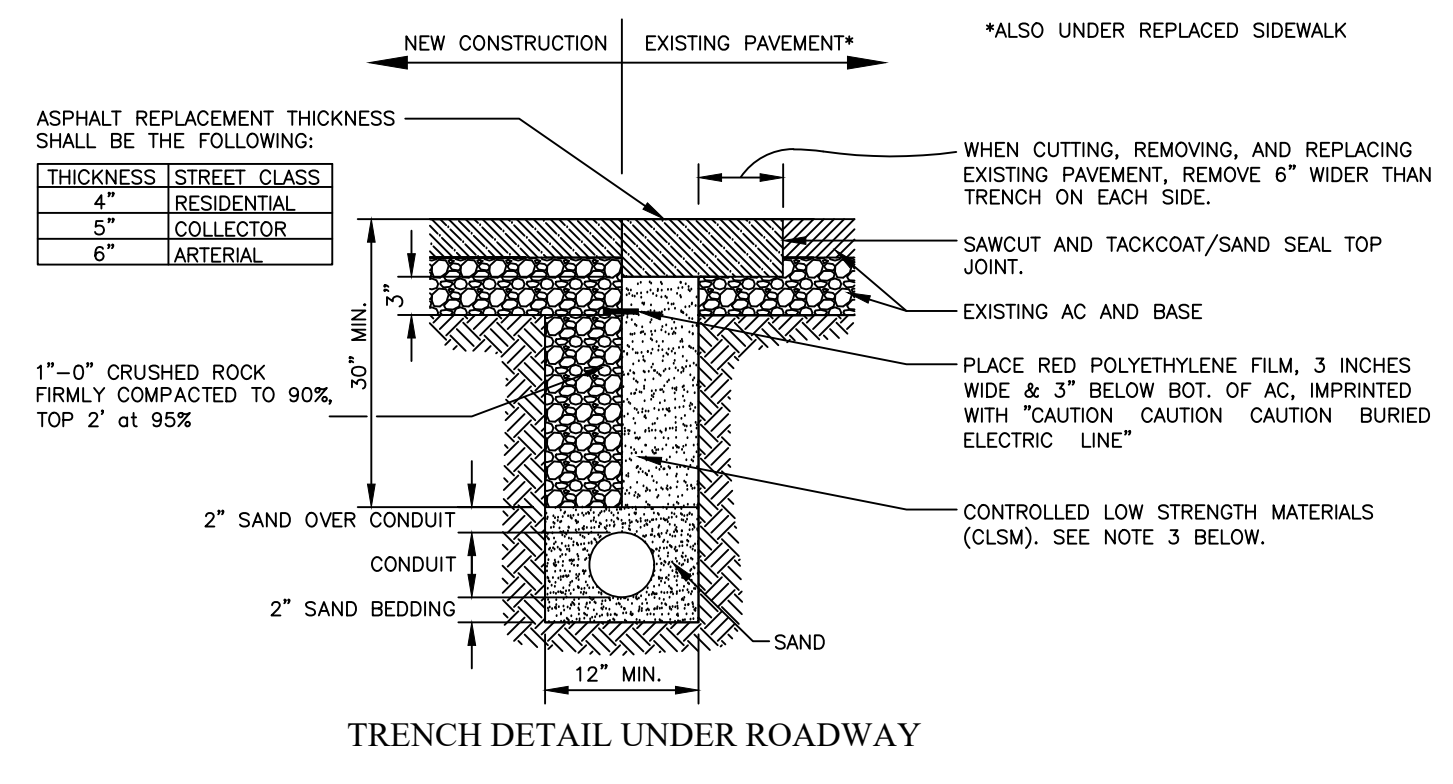


WATER MAIN TRENCH DETAIL
SCALE: N.T.S.



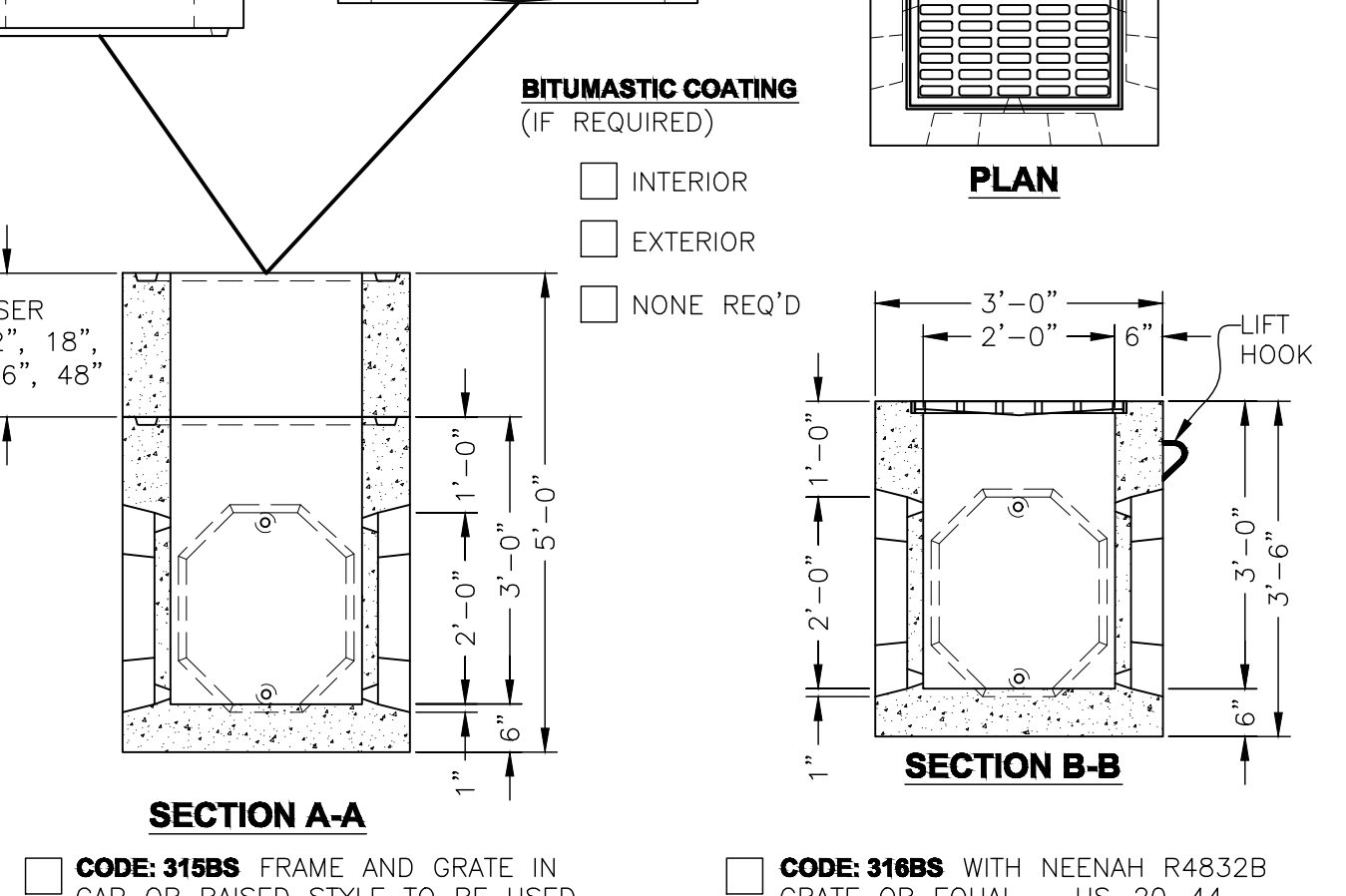
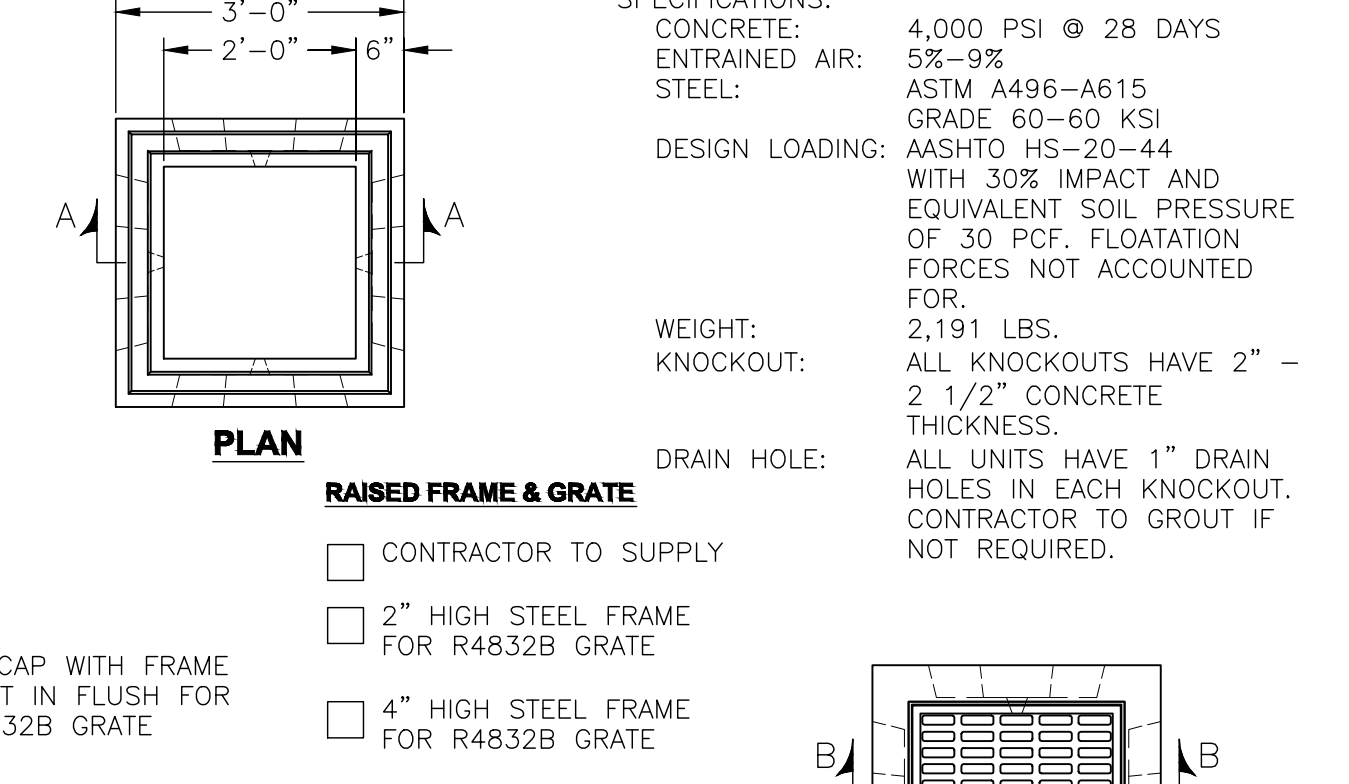
NPS SIZE	TRENCH WIDTH
3	3'-0"
4	3'-0"
6	3'-0"
8	3'-0"
10	3'-0"
12	3'-0"
14	3'-6"
16	3'-6"
18	3'-6"
20	4'-0"
24	4'-0"
30	4'-6"
36	5'-0"
42	5'-6"
48	6'-0"
54	6'-6"
60	7'-0"
64	7'-6"

TYPICAL SANITARY AND WATER LINE CROSSING DETAILS
SCALE: N.T.S.



- NOTES:**
- COLD MIX AC MAY BE USED AS TEMPORARY PATCH ONLY.
 - ALL STEEL TRAFFIC PLATES IN TRAVELED AREAS MUST BE "TRAMPED" WITH COLD MIX AC TO ALLOW SMOOTHER TRANSITION. TRANSITION.
 - MINIMUM 12" LAP OF STEEL PLATES ONTO EXISTING PAVEMENT.
 - MINIMUM 3/4" STEEL PLATE THICKNESS.
 - CONTROLLED LOW-STRENGTH MATERIAL IS HIGHLY FLOWABLE LEAN CONCRETE MIX; A MIXTURE OF FLY ASH, CEMENT, FINE AGGREGATES, WATER AND ADMIXTURES, IF NECESSARY. CLSM SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 100 TO 200 psi

ELECTRICAL CONDUIT DETAIL
SCALE: N.T.S.



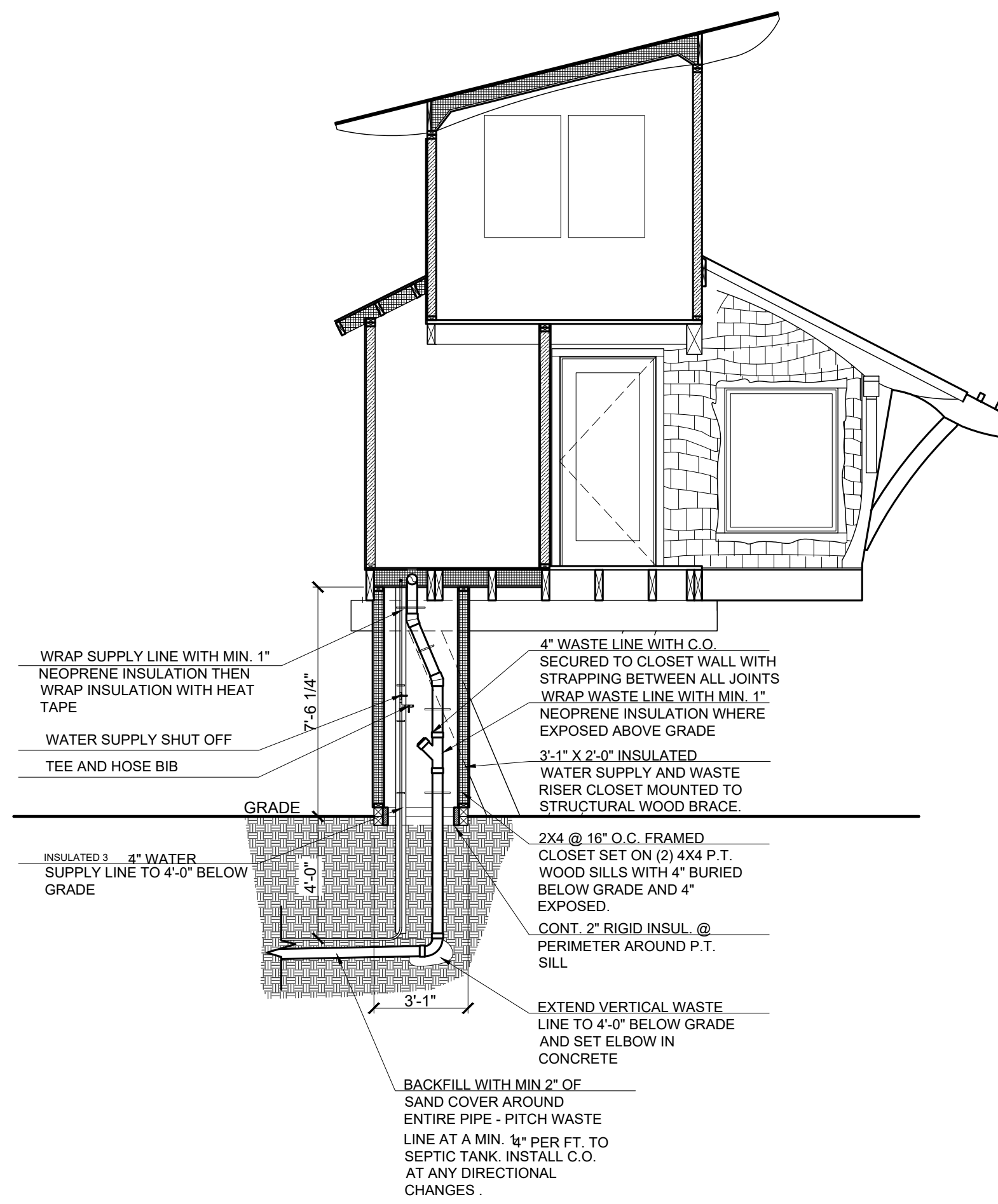
TYP. CATCH BASIN DETAIL
SCALE: N.T.S.

- SPECIFICATIONS:**
- CONCRETE: 4,000 PSI @ 28 DAYS
 - ENTRAINED AIR: 5%-9%
 - STEEL: ASTM A496-A615
 - GRADE: 60-60 KSI
 - DESIGN LOADING: AASHTO HS-20-44 WITH 30% IMPACT AND EQUIVALENT SOIL PRESSURE OF 30 PCF. FLOATATION FORCES NOT ACCOUNTED FOR.
 - WEIGHT: 2,191 LBS.
 - KNOCKOUT: ALL KNOCKOUTS HAVE 2" - 2 1/2" CONCRETE THICKNESS.
 - DRAIN HOLE: ALL UNITS HAVE 1" DRAIN HOLES IN EACH KNOCKOUT. CONTRACTOR TO GROUT IF NOT REQUIRED.

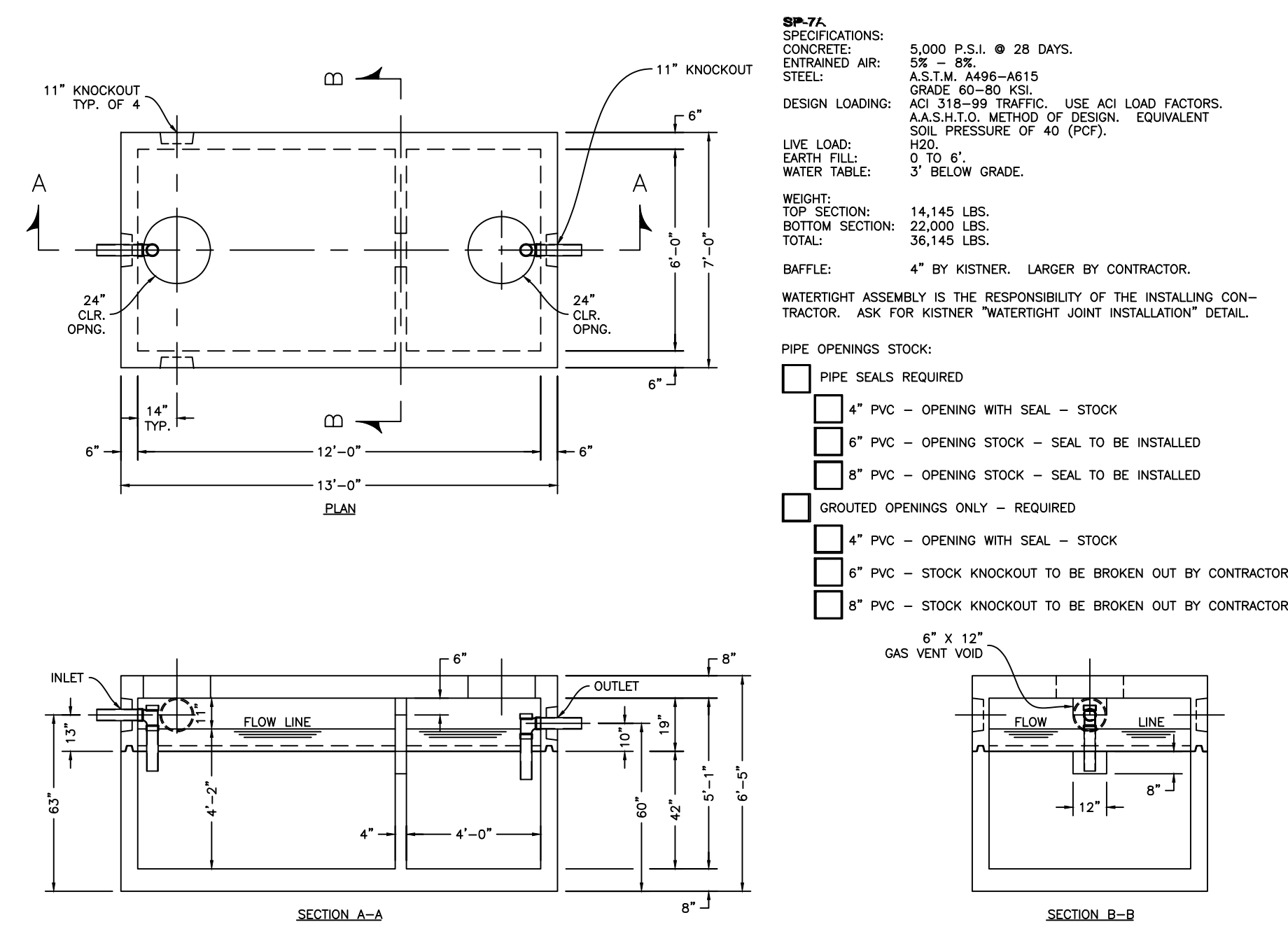
PROJECT NAME:
WEST FALLS CENTER FOR THE ARTS EXPANSION
SITE UTILITY PLAN AND DETAILS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT
 INITIALS: _____ DATE: _____
 SCALE: SEE PLAN
 DRAWN BY: ALS
 Title: _____
 Date: _____
 Revision: 1 - 3/14/23
 SP.1.7

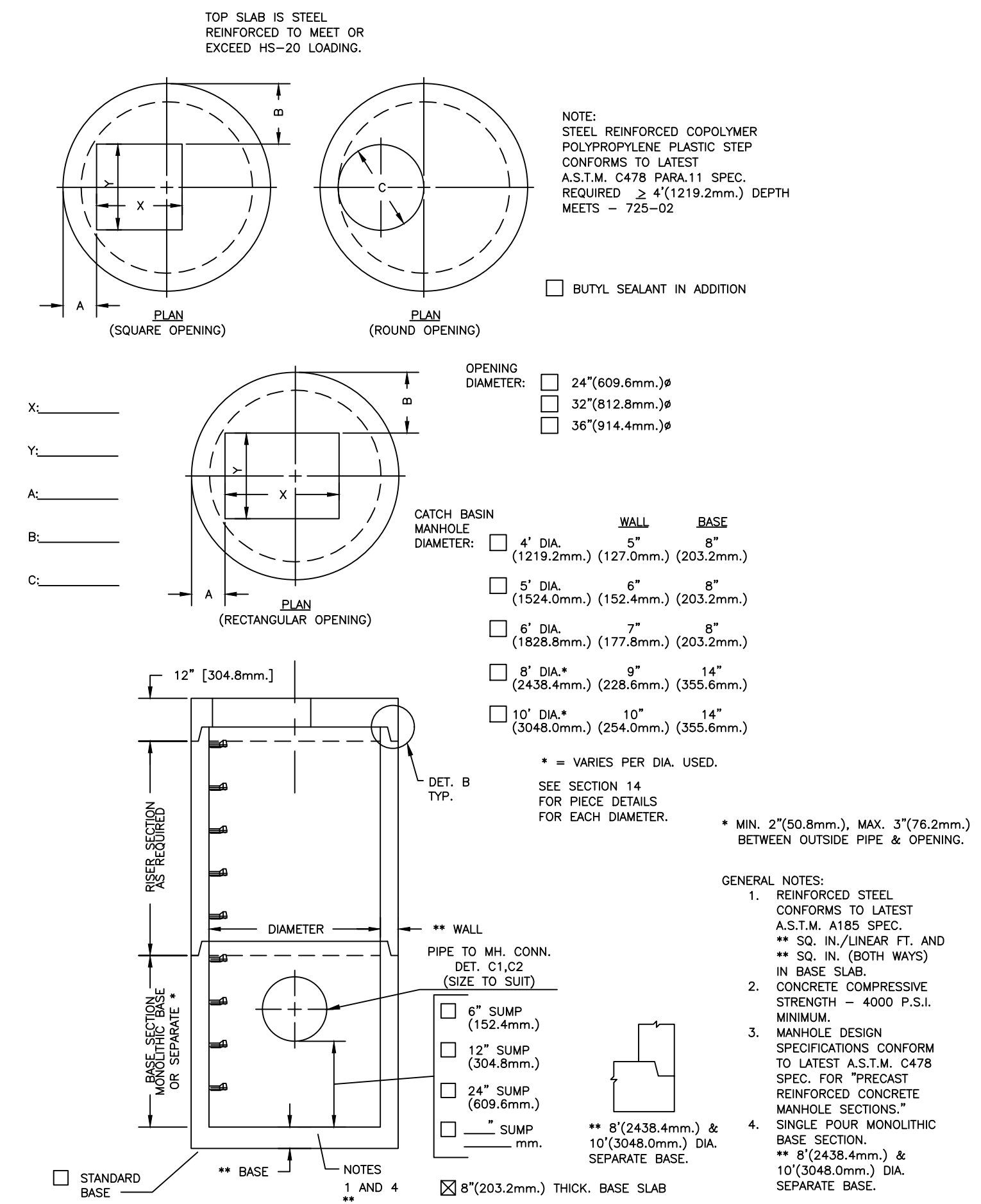
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TYPICAL TREE HOUSE PLUMBING SUPPLY AND SANITARY WASTE DETAIL (PHASE 3 - N.I.C.)
SCALE: N.T.S.

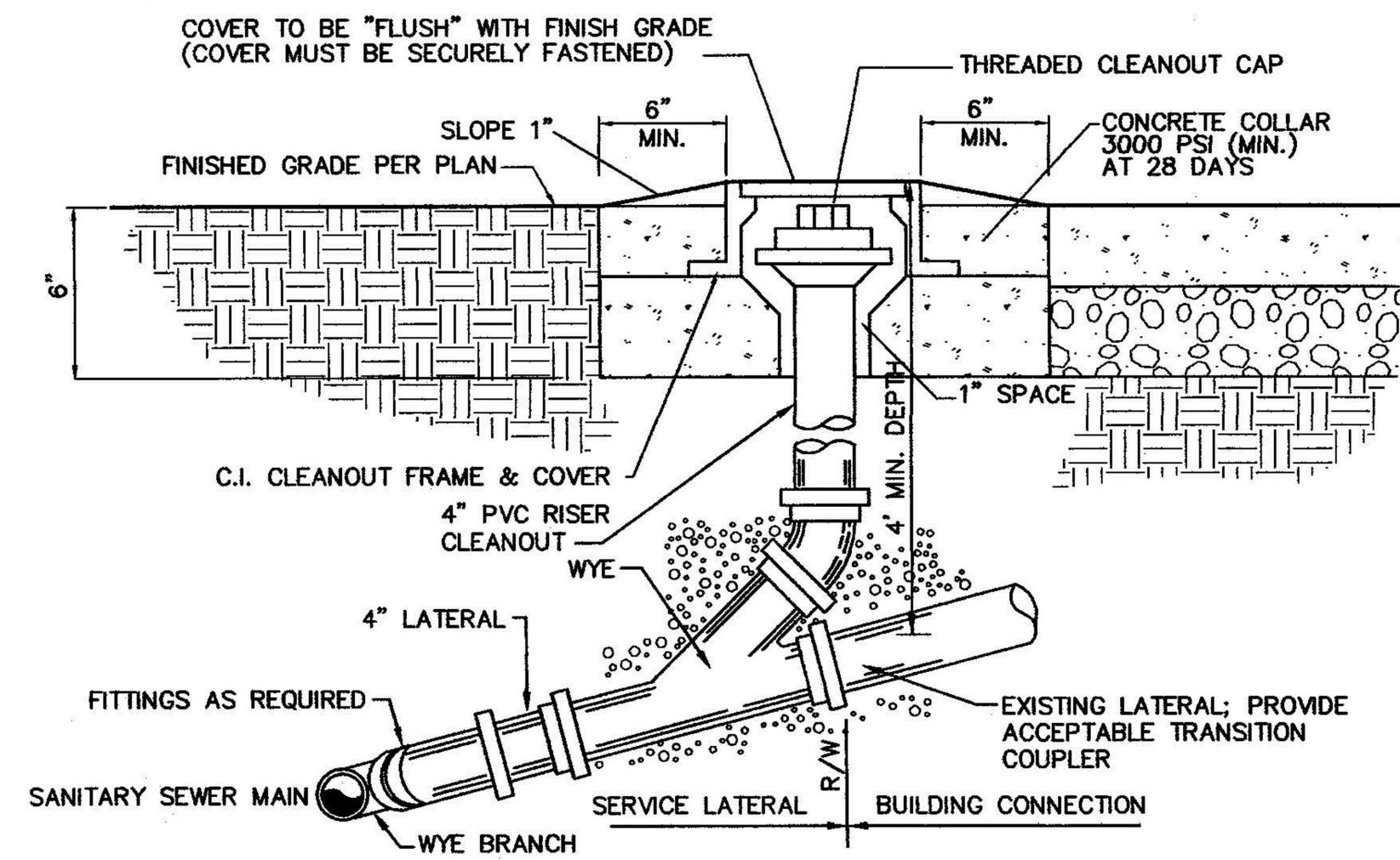


TYPICAL 2000 GAL SEPTIC TANK (PHASE 3 - N.I.C.)
SCALE: N.T.S.



PIPE TO MANHOLE CONNECTIONS	PIPE TO MANHOLE CONNECTIONS	BUTYL RUBBER	PS2-PF
* HOLE PIPE TO FIT	* KNOCKOUT PIPE TO FIT	SECTION JOINT	POLYPROPYLENE STEP
PIPE SIZE:	PIPE SIZE:		

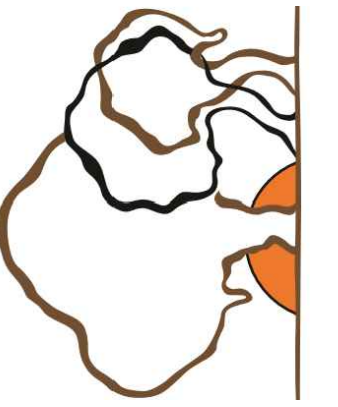
TYPICAL MANHOLE DETAIL (PHASE 3 - N.I.C.)
SCALE: N.T.S.



- NOTES:**
- ALL SERVICE LATERALS TO BE A MINIMUM OF 1.00% SLOPE UNLESS OTHERWISE DIRECTED.
 - AASHTO NO. 8 COARSE AGGREGATE SHALL BE PLACED 6" BELOW AND 12" ABOVE LATERAL.
 - PROVIDE 6" CLEAN-OUT AT RIGHT-OF-WAY LINE OR AS DIRECTED BY OWNER.
 - CLEANOUT COVER SHALL BE BOROUGH STANDARD LAMPHOLE COVER (SEE DETAIL).

TYPICAL LAMPHOLE / CLEANOUT DETAIL (PHASE 3 - N.I.C.)
SCALE: N.T.S.

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PROJECT NAME:
WEST FALLS CENTER FOR THE ARTS EXPANSION SITE UTILITY DETAILS

- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

SCALE: SEE PLAN

DRAWN BY: ALS

Date: _____

Page: _____

REV. 1 - 3/14/23

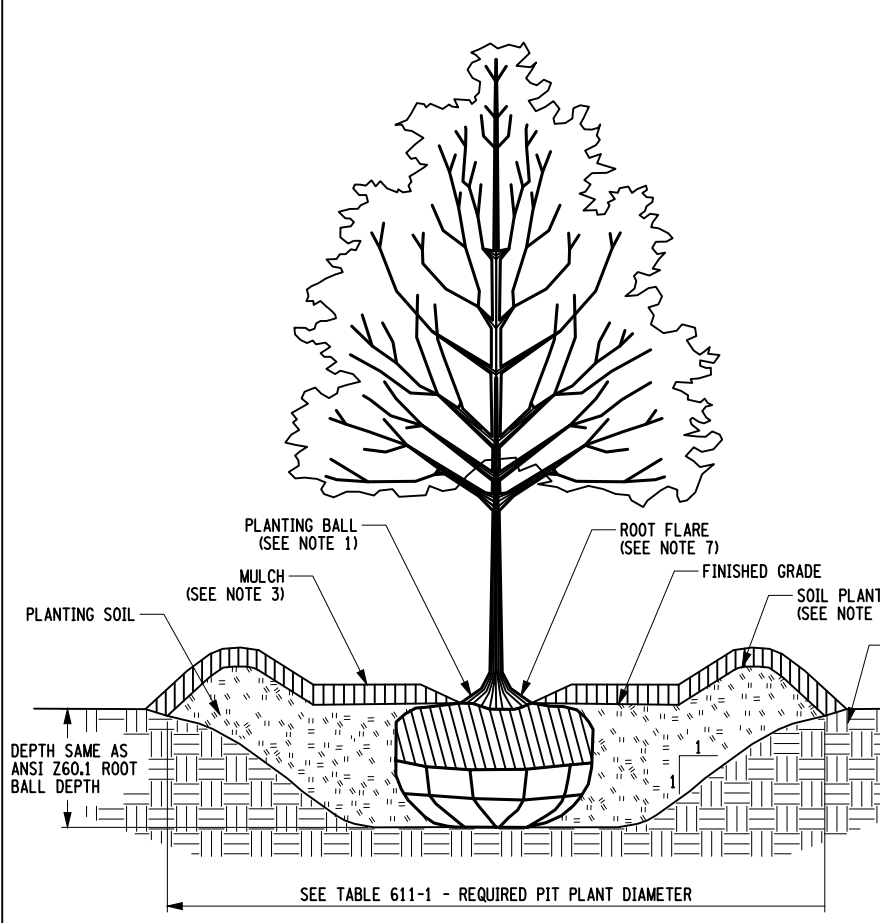
PLANT MATERIAL LIST:		
QTY.	SIZE	SPECIES NAME
19	10-12 FT.	NELLIE STEVEN HOLLY
25	10-12 FT.	NORWAY SPRUCE
3	2" -3" CAL.	REDBUD
41	10-12 FT.	COLORADO BLUE SPRUCE
22	10-12 FT.	AMERICAN HOLLY
1	8-10 FT.	WEeping BLUE ATLAS CEDAR
1	3" CAL.	VARIEGATED COPPER BEECH

- NOTES:
1. PLANTING BALL - ON BALL MATERIAL, BURLAP AND WIRE BASKET OR OTHER CONTAINER SHALL BE REMOVED FROM THE UPPER HALF OF THE ROOT BALL AND DISPOSED OF.
 2. HEIGHT OF PLANTING SAUCER SHALL BE 75mm.
 3. MULCH SHALL BE A MAXIMUM OF 75mm DEEP AND TAPERED DOWN TO LEAVE THE ROOT FLARE EXPOSED. WHEN PLANTING ON SLOPES, DOWNHILL SIDE MUST BE STABILIZED APPROPRIATELY OR SEEDING ON DOWNHILL SIDE MAY BE SPECIFIED.
 4. MATERIALS FOR PROTECTION OF PLANTS SHALL BE A COMMERCIALY AVAILABLE PRODUCT OR SYSTEM FOR SUPPORTING OF TREES.
 5. ALL TAGS, LABELS, ETC. SHALL BE REMOVED FROM THE PLANTS.
 6. THIS DETAIL SHOWS ONE ABOVE GROUND TREE SUPPORT METHOD. ANY OTHER METHOD MUST USE COMMERCIALY AVAILABLE PRODUCTS INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
 7. THE ROOT FLARE SHALL BE VISIBLE AND LEVEL WITH SURROUNDING SOIL.

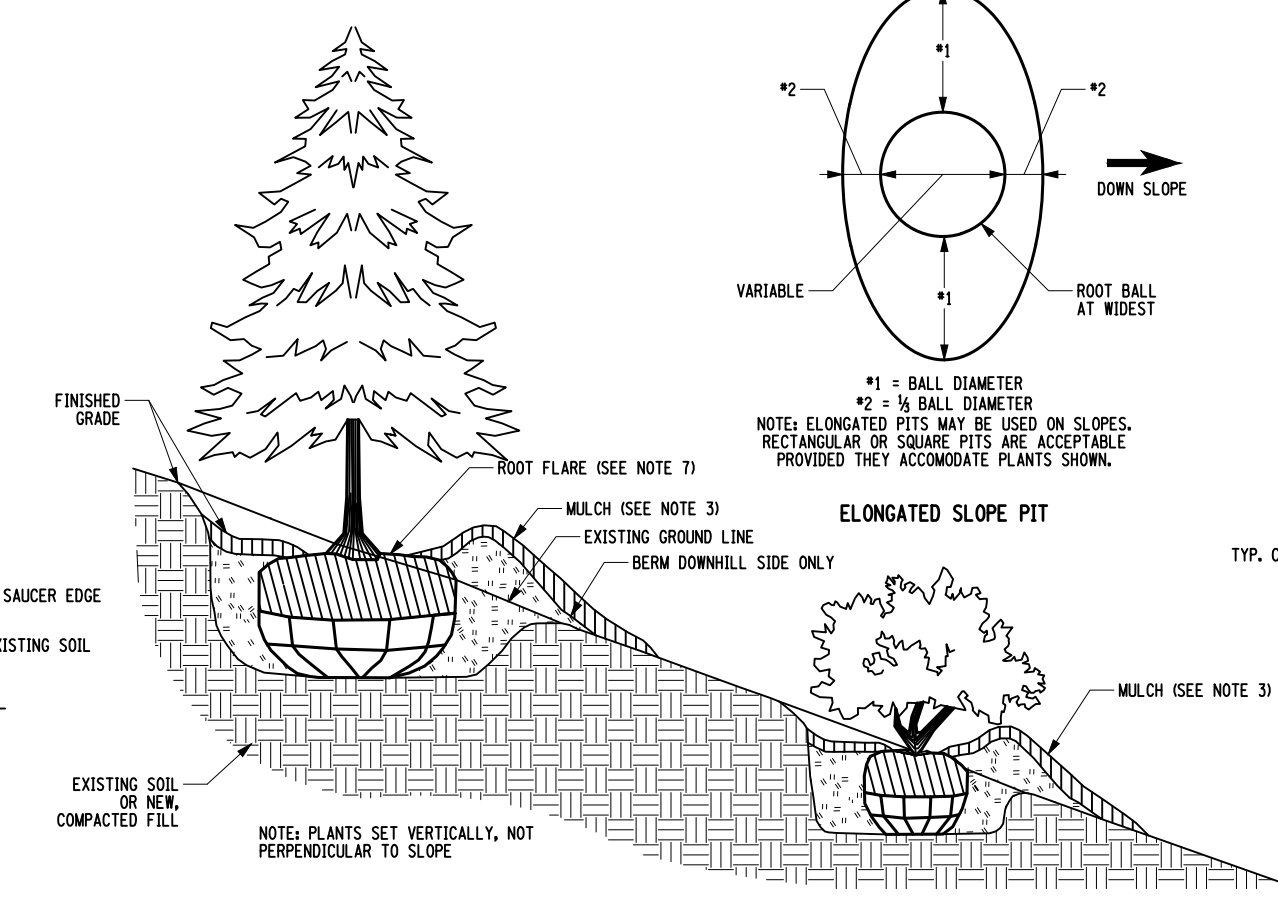
TABLE 611-1 - REQUIRED PLANT PIT DIAMETER	
ROOT SPREAD / ROOT BALL DIAMETER	PLANT PIT DIAMETER
UNDER 0.6m	3X THE ROOT SPREAD OR ROOT BALL DIAMETER
FROM 0.6m TO 1.2m	2.5X THE ROOT SPREAD OR ROOT BALL DIAMETER
OVER 1.2m	2X THE ROOT SPREAD OR ROOT BALL DIAMETER



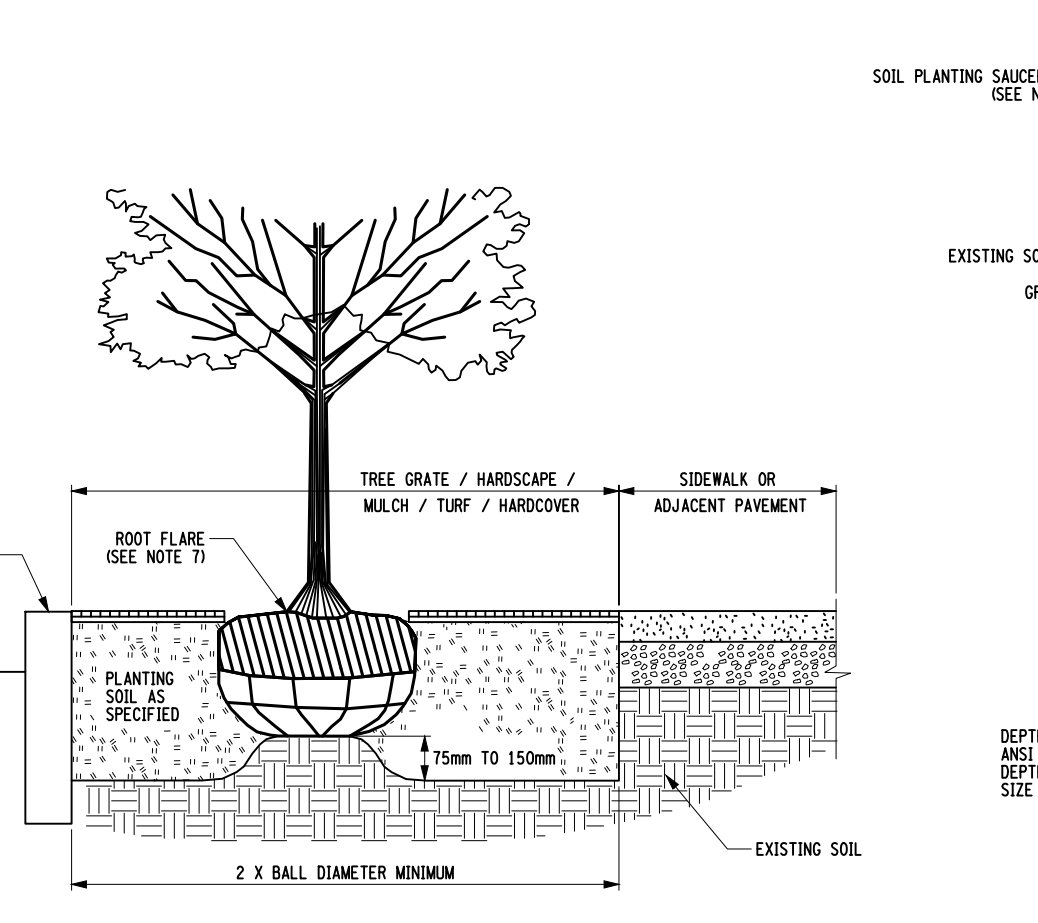
1 LANDSCAPING PLAN
1" = 30'-0"



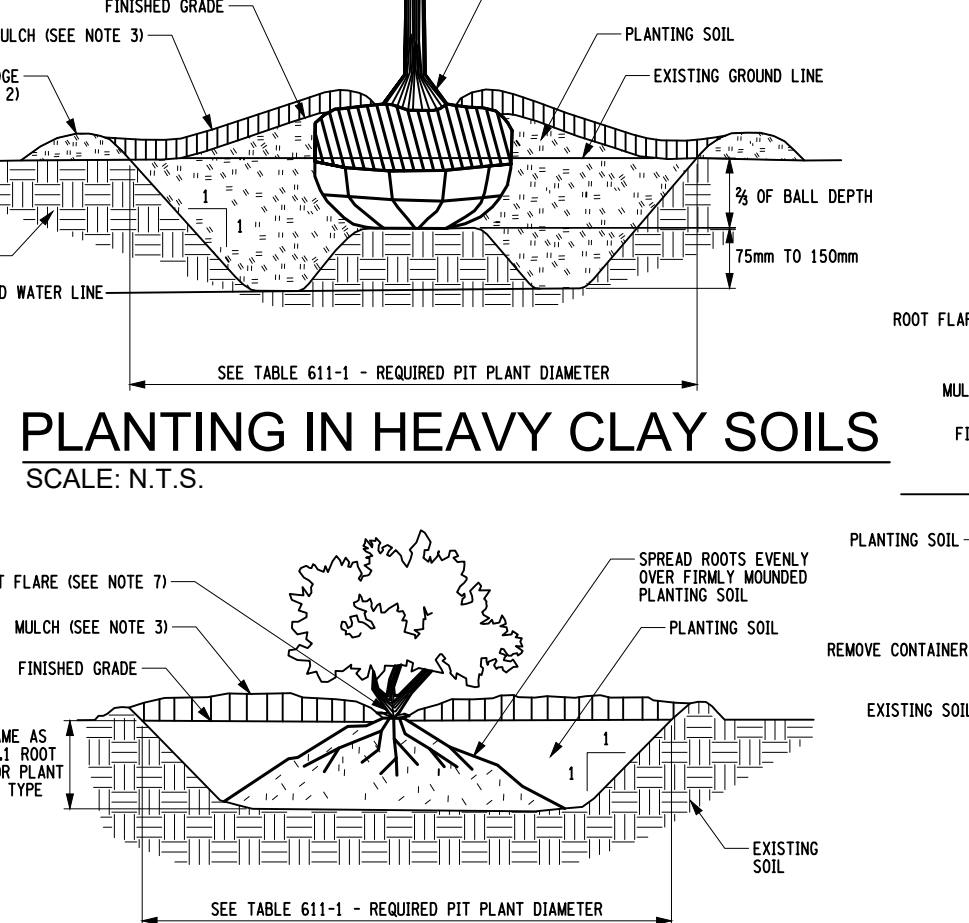
GENERAL TREE PLANTING
SCALE: N.T.S.



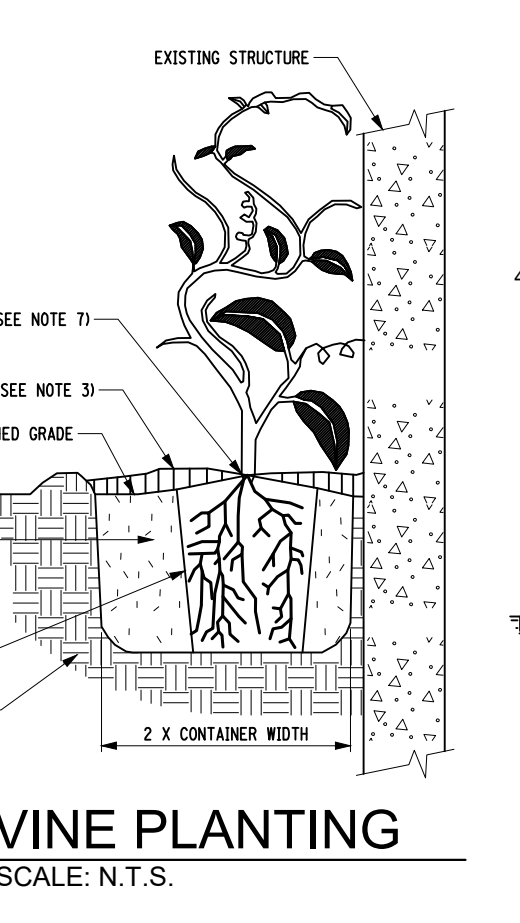
SLOPE PLANTING (3 ON 1 OR STEEPER)
SCALE: N.T.S.



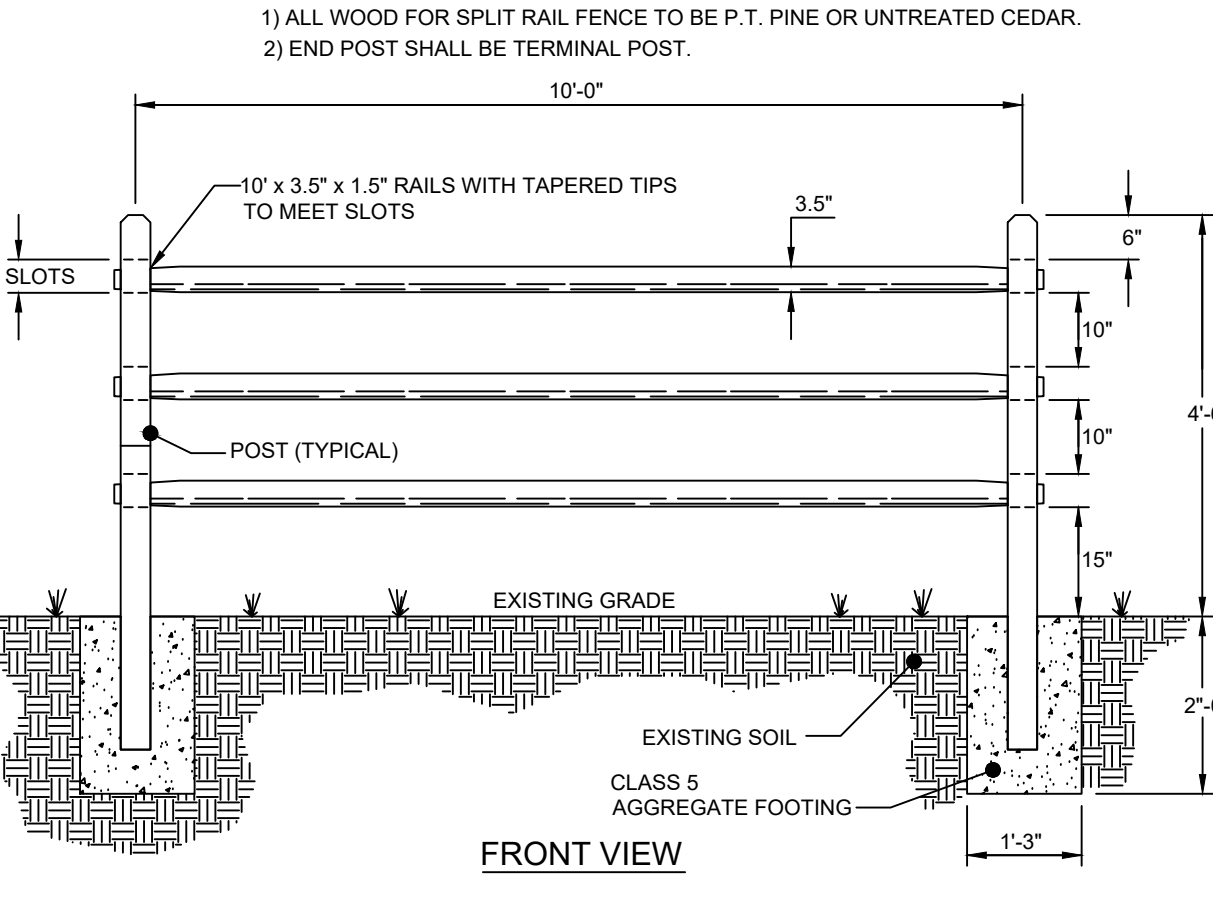
PLANTING NEAR CURB OR PAVEMENT
SCALE: N.T.S.



BARE ROOT SHRUB PLANTING
SCALE: N.T.S.

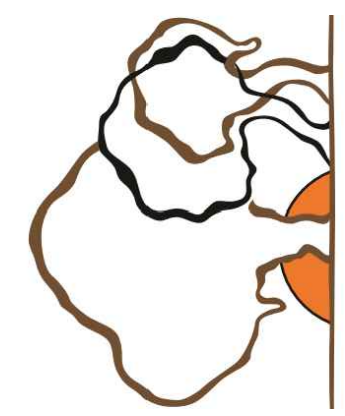


VINE PLANTING
SCALE: N.T.S.



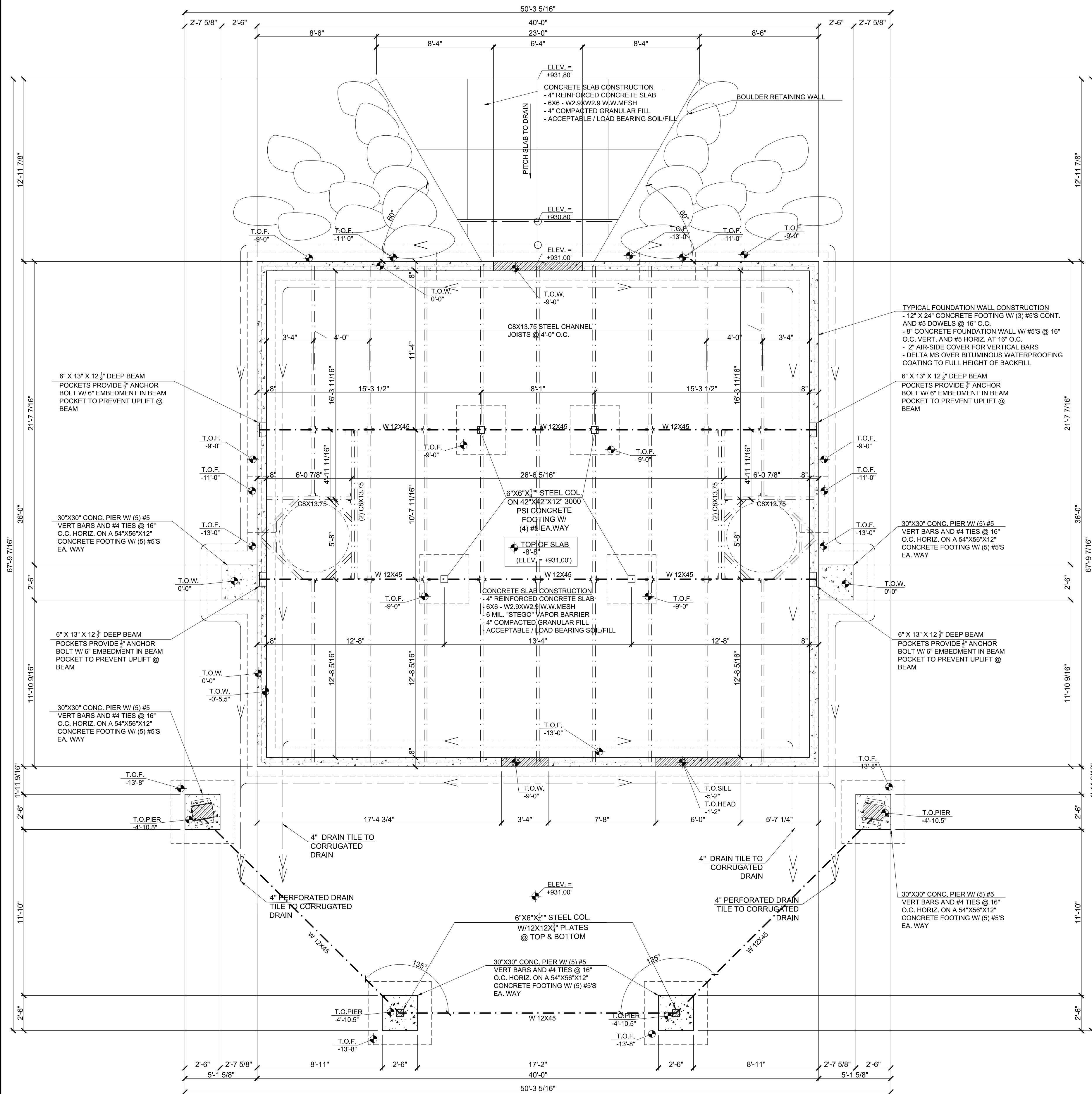
SPLIT RAIL FENCE DETAIL
SCALE: N.T.S.

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PROJECT NAME:
**WEST FALLS CENTER FOR THE
ARTS EXPANSION
LANDSCAPING PLAN**

APPROVED AS DRAWN
APPROVED AS NOTED
NOT APPROVED, RESUBMIT
INITIALS: _____ DATE: _____
SCALE: SEE PLAN
DRAWN BY: ALS
DATE: _____
REV. 1 - 3/14/23



CONCRETE

- CONCRETE FORMS, SHORING AND POURING METHODS SHALL CONFORM TO ALL CURRENT PRACTICES ENDORSED BY THE AMERICAN CONCRETE INSTITUTION.
- BACK FILL SHALL NOT BE PLACED AGAINST BASEMENT FOUNDATION WALLS UNTIL:
 - CONCRETE OR MASONRY GROUT HAS REACHED 28 DAY STRENGTH, AND
 - STRUCTURAL FIRST FLOOR FRAMING, INCLUDING SUB-FLOOR, REQUIRED TO STABILIZE FOUNDATION WALLS IS COMPLETE.
 - FOUNDATION WALLS HAVE BEEN PROPERLY SHORED
 - BASEMENT SLAB HAS BEEN POURED

CONCRETE QUALITY, DESIGN, AND CONTROL

- A.) DESIGN OF MIXTURES - CONCRETE DESIGNED IN ACCORDANCE WITH ACI 301 (LATEST EDITION) TO ATTAIN FOLLOWING PROPERTIES OF STRENGTH, SLUMP, AND ENTRAINED AIR CONTENT, WATERPROOFING, AND SUBMITTED TO ENGINEER FOR APPROVAL.

USE	NYS DOT CLASS	28 DAY PSI	AIR	SLUMP	W/C RATIO
FOOTINGS, FROST WALLS & PIERS	A	3000#	5%-7%	4"	0.50
BASEMENT WALLS	A	3500#	5%-7%	4"	0.50
SLABS ON GRADE	C	3500#	5%-7%	3"	0.45
EXT. CONC.	A	4000#	6%-8%	3"	0.45

ALL CONCRETE NOT DEFINITELY SPECIFIED TO BE OF CLASS A CONCRETE, 60 KSI REINFORCEMENT INSTALLED WHERE AND AS SHOWN.

- B.) IF, AT ANY TIME, TESTS FOR JOB CONCRETE INDICATE FAILURE TO MEET STRENGTH, SLUMP, WATERPROOFING OR AIR CONTENT, THE CONTRACTOR IS REQUIRED TO CHANGE PROPORTIONS TO MEET REQUIREMENTS.
- C.) BATCHING OF MATERIALS - IN CONFORMANCE TO REQUIREMENTS OF ASTM SPECIFICATIONS C94, WEIGHT-BATCH APPARATUS FOR CONVENTIONAL TYPE MIXERS TO ALSO MEET SAME REQUIREMENTS.
- D.) REFER TO DRAWINGS FOR ALL CONCRETE REINFORCING.
- E.) STEP FOOTINGS AT 24" HORIZONTALLY FOR EVERY 12" VERTICALLY AS REQUIRED BY SITE CONDITIONS AND PLANS.
- F.) CARRY ALL FOOTINGS TO FIRM UNDISTURBED NONFROZEN BEARING.
- G.) THE CONTRACTOR SHALL MAKE EVERY REASONABLE EFFORT TO CONTROL CRACKING IN CONCRETE FLOOR SLABS INCLUDING, BUT NOT LIMITED TO, SAWCUTTING CONTROL JOINTS AT 14" DEEP SPACED AT 24 TO 36 TIMES THE SLAB THICKNESS, NOT TO EXCEED 15'-0" IN ANY DIRECTION. INSTALL PROPER STRENGTH CONCRETE FOR INTENDED USE. AVOID WET MIXES AND RAPID DRYING OF THE CONCRETE. ALL CONCRETE PENETRATIONS SHALL BE GASKETED, WEATHER STRIPPED OR OTHERWISE SEALED. THIS INCLUDES, BUT IS NOT LIMITED TO, WINDOWS, DOORS, HVAC DUCTWORK, PLUMBING PIPE AND ELECTRICAL PENETRATIONS, ETC.

MIXING OF CONCRETE

- A.) UNLESS OTHERWISE AUTHORIZED, MIXING OF CONCRETE READY-MIX EQUIPMENT CONFORMING TO ASTM SPECIFICATIONS C94, VOLUME OF MIXED MATERIAL FOR EACH BATCH NOT TO EXCEED THE MANUFACTURER'S RATED MIXER CAPACITY.
- B.) CONCRETE MIXED UNTIL THERE IS A UNIFORM DISTRIBUTION OF MATERIALS AND DISCHARGED COMPLETELY BEFORE MIXER IS RECHARGED. CONCRETE DELIVERED TO SITE OF WORK AND DISCHARGE COMPLETED WITHIN ONE (1) HOUR FROM THE TIME WATER IS ADDED TO THE MIX, OR BEFORE DRUM HAS REVOLVED 300 REVOLUTIONS, WHICHEVER COMES FIRST. CONCRETE BEYOND THESE LIMITS SHALL BE REJECTED.

WOOD FRAME AND SHEATHING NOTES

- ACCURATELY CUT, FIT AND SQUIDLY FASTEN MEMBERS TO PROVIDE PLUMB, LEVEL, TRUE AND RIGID WORK. NAILING NOT INDICATED ON DRAWINGS SHALL BE IN ACCORDANCE WITH "RECOMMENDED NAILING SCHEDULE" CONTAINED IN AF&PA, (WFCM-2001) MANUAL FOR HOUSE FRAMING.
- COMPLY WITH RECOMMENDATIONS CONTAINED IN APA, DESIGN/CONSTRUCTION GUIDE - RESIDENTIAL AND COMMERCIAL, FOR PLYWOOD PRODUCTS INDICATED.
- FOR BOLTED CONNECTIONS, DRILL HOLES 1/8" LARGER IN DIAMETER THAN THE BOLTS BEING USED. PROVIDE WASHERS UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD.
- PROVIDE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES FOR LOAD BEARING WALLS, 2" NOM. THICK BY THE WIDTH OF THE STUDS UNLESS NOTED OTHERWISE. STAGGER TOP PLATE SPLICES. SPLICE ONLY AT STUD LOCATIONS.
- INSTALL BLOCKING IN A CONTINUOUS HORIZONTAL ROW AT MID HEIGHT OF FIRST LEVEL STUD BEARING WALLS.
- PRESSURE TREAT ALL WOOD EXPOSED TO WEATHER OR IN CONTACT WITH SOIL, WATER, MASONRY, STEEL OR CONCRETE, AND ALL WOOD FRAMING MEMBERS DIRECTLY ABOVE SOIL WHEN BOTTOM ELEVATION IS 8" OR LESS ABOVE THE SOIL OR AS NOTED ON DRAWINGS.
- GLUE AND NAIL EACH PLY OF MULTIPLE PIECE BEAMS TOGETHER WITH THREE ROWS OF 16D NAILS AT 12" O.C. STAGGERED. LOCATE ROWS OF NAILING 2" FROM TOP AND BOTTOM FACES AND AT MID DEPTH OF BEAM.
- IN ADDITION TO NAILING SPECIFIED ABOVE, BOLT THREE PLY BEAMS WITH 1/2" DIA. BOLTS AT 24" O.C. STAGGERED ALONG TOP AND BOTTOM FACES AT 1/3 BEAM DEPTH.

WOOD FRAME AND SHEATHING NOTES CONT.

- PROVIDE BUILT UP STUD COLUMNS AT BEAM BEARING LOCATIONS IN STUD WALLS UNLESS NOTED OTHERWISE. CONSTRUCT BUILT UP STUD COLUMNS THE SAME WIDTH AS BEAM AND PROVIDE A MINIMUM BEAM BEARING OF 3 1/2"
- FLOOR JOIST SPANS (UNLESS OTHERWISE NOTED ON PLANS)
- FLOOR JOISTS SPF #2 2X10 @ 16" O.C. RATED FOR 40# LIVE LOAD, 10# DEAD LOAD - MAX SPAN = 19'5"
 - FLOOR JOISTS SPF #2 2X10 @ 16" O.C. RATED FOR BEDROOM 30# LIVE LOAD, 10# DEAD LOAD - MAX SPAN = 17'2"
 - FLOOR JOISTS SPF #2 2X10 @ 12" O.C. RATED FOR 30# LIVE LOAD, 10# DEAD LOAD - MAX SPAN = 19'0"
- (FIRST FLOOR JOIST SELECTION BASED ON 40# LIVE LOAD, 10# DEAD LOAD. SECOND FLOOR JOIST SELECTION BASED ON 30# LIVE LOAD, 10# DEAD LOAD. PORCH JOIST SELECTION BASED ON 60# LIVE LOAD)
- BRIDGING, FULL DEPTH SOLID BLOCKING, AND CROSS BRACING SHALL BE INSTALLED IN FLOOR JOISTS AT INTERVALS NOT EXCEEDING 8'0"
- DO NOT BORE HOLES CLOSER THAN 2" FROM THE TOP OR BOTTOM OF JOISTS. LIMIT DIAMETER OF HOLES TO 1/3 OF THE DEPTH OF THE MEMBER. REVIEW BORE HOLE LOCATIONS WITH ARCHITECT/ENGINEER BEFORE PROCEEDING.
- HEADER SELECTION CRITERIA (UNLESS OTHERWISE NOTED ON PLANS)
- (2) 2X6 FOR MAX. SPAN OF 3'-6"
 - (2) 2X8 FOR MAX. SPAN OF 4'-6"
 - (2) 2X10 FOR MAX. SPAN OF 5'-6"
- HEADERS FOR WINDOWS TO BE DOUBLE 2X10'S UNLESS OTHERWISE NOTED.
- CONSTRUCT HEADERS WITH CONTINUOUS PLYWOOD FILLERS OR SPACER BLOCKS AS REQUIRED TO MATCH WALL WIDTH. LOCATE SPACER BLOCKS AT EACH END AND AT MID SPAN OF HEADER. CONSTRUCT HEADERS FROM LUMBER WITHOUT END SPLICES, CHECKS OR SHAKES.
- CEILING JOIST SPANS (UNLESS OTHERWISE NOTED ON PLANS)
- 2X6 @ 16" O.C. SPF #2 RATED FOR MAX. SPAN OF 12'-10"
 - 2X8 @ 16" O.C. SPF #2 RATED FOR MAX. SPAN OF 16'-3"
 - 2X10 @ 16" O.C. SPF #2 RATED FOR MAX. SPAN OF 19'-10"
 - 2X10 @ 12" O.C. SPF #2 RATED FOR MAX. SPAN OF 22'-1"
- (CEILING JOIST SELECTION BASE ON 20# LOAD UNINHABITABLE ATTIC W/ LIMITED STORAGE) DO NOT NOTCH JOISTS IN THE MIDDLE THIRD OF THE SPAN. LIMIT NOTCHES TO THE TOP FACE OF THE JOIST AND TO A MAX. OF 1/3 THE DEPTH OF THE MEMBER. NO OVERCUTS PERMITTED.
- ROOF RAFTER CRITERIA (UNLESS OTHERWISE NOTED ON PLANS)
- 2X6 @ 16" O.C. SPF #2 RATED FOR MAX. SPAN OF 8'-5"
 - 2X8 @ 16" O.C. SPF #2 RATED FOR MAX. SPAN OF 10'-8"
 - 2X10 @ 16" O.C. SPF #2 RATED FOR MAX. SPAN OF 13'-1"
- (ROOF RAFTER SELECTION BASED ON 55# GROUND SNOW LOAD, 10# DEAD LOAD)
- RAFTERS AND FLOOR JOISTS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH SUPPORT BY SOLID BLOCKING EXCEPT WHERE ENDS ARE ANCHORED TO A HEADER, BAND OR RIM JOIST, OR TO AN ADJOINING STUD.
- INSTALL ROOF SHEATHING WITH FACE GRAIN ACROSS SUPPORTS, USING PANELS CONTINUOUS OVER TWO OR MORE SPANS WITH END JOINTS BETWEEN PANELS STAGGERED AND LOCATED OVER CENTER OF SUPPORTS.
- NAIL SHEATHING 6" O.C. ALONG PANEL ENDS AND 12" O.C. AT INTERMEDIATE SUPPORTS USING 10D COMMON NAILS.
- CONCEALED JOIST SPACES SHALL HAVE 2X SOLID BLOCKING (FIRE STOPPING) OVER BEARING WALLS AND/OR BEAMS. NO JOIST CAVITY SHALL EXCEED 20'-0". STUD CAVITIES SHALL BE LIMITED TO CONCEALED CAVITY HEIGHT OF 8'-0". FIRE BLOCKING SHALL BE PROVIDED AS REQUIRED TO LIMIT SUCH HEIGHT.
- JOISTS, HEADERS AND BEAMS SHALL BE SPF UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL BE ASSUMED UNLESS OTHERWISE NOTED.

CONNECTORS & FASTENERS

- ALL NAILING AND FASTENING SHALL COMPLY WITH THE APPLICABLE CODE'S AND NAIL FASTENING SCHEDULE (USC TABLE [25-0]), BOCA APPENDIX E.
- ALL FLUSH BEAMS AND GIRDERS SHALL USE PROPERLY SIZED JOIST HANGERS TO SUPPORT ABUTTING JOISTS AND RAFTERS.
- FLASHING**
- INSTALL FLASHING AND COUNTER-FLASHING OF 26 GAUGE GALVANIZED METAL OR ALUMINUM WHEREVER DISSIMILAR BUILDING MATERIALS JOIN OR INTERSECT AT THE ROOF OF THE STRUCTURE. THIS INCLUDES ALL INTERSECTIONS OF THE ROOF WITH VERTICAL WALLS, CHIMNEYS, AND DORMERS, AND AS OTHERWISE SHOWN ON THE DRAWINGS. FLASHING MUST ALSO BE INSTALLED ABOVE WINDOWS AND DOORS, AND AT ALL HORIZONTAL JOINTS IN SHEET SIDING, AVOID CONTACT BETWEEN DISSIMILAR METALS. ALL FLASHING IN CONTACT WITH P.T. LUMBER TO BE NON-ALUMINUM.

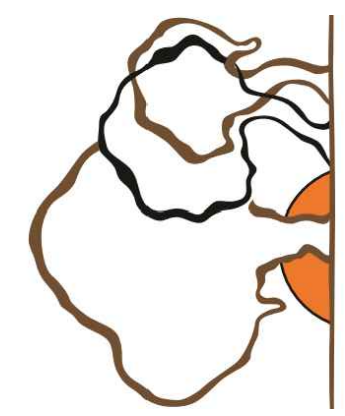
HEM-FIR: FB=965 PSI, FV=135 PSI, E=1,100,000 PSI

DOUG-FIR: FB=965 PSI, FV=135 PSI, E=1,100,000 PSI

MICROLAM: FB=2800 PSI, FV=285 PSI, E=1,900,000 PSI

STEEL: FB=24,000 PSI, E=29,000,000 PSI

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1 AMPHITHEATER FOUNDATION PLAN
 1/4" = 1'-0"

PROJECT NAME:
**WEST FALLS CENTER FOR THE
 ARTS EXPANSION - PHASE 2
 AMPHITHEATER PLANS**

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

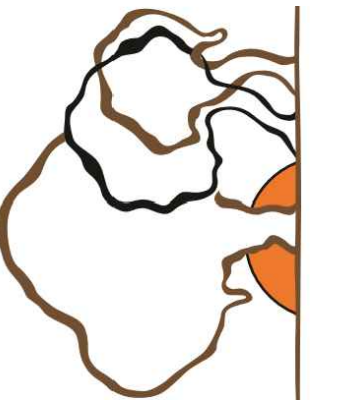
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 Title: _____
 Date: _____
 Sheet: _____
 REV. 1 - 3/14/23
 A-1.0

GARDEN ROOF™

- EXTENSIVE VEGETATION
- SUBSTRATE SOIL
- SYSTEM FILTER SF
- FLORADRAIN 40
- MOISTURE MAT SSM45
- HYDRODRAIN
- STYROFOAM®
- ROOT STOP WSF 40
- HYDROFLEX 30
- MM6125-EV
- SURFACE CONDITIONER



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PROJECT NAME:
**WEST FALLS CENTER FOR THE
 ARTS EXPANSION - PHASE 2
 AMPHITHEATER PLANS**

- APPROVED AS DRAWN
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- NOT APPROVED, RESUBMIT

INITIALS: _____ DATE: _____

SCALE: SEE PLAN

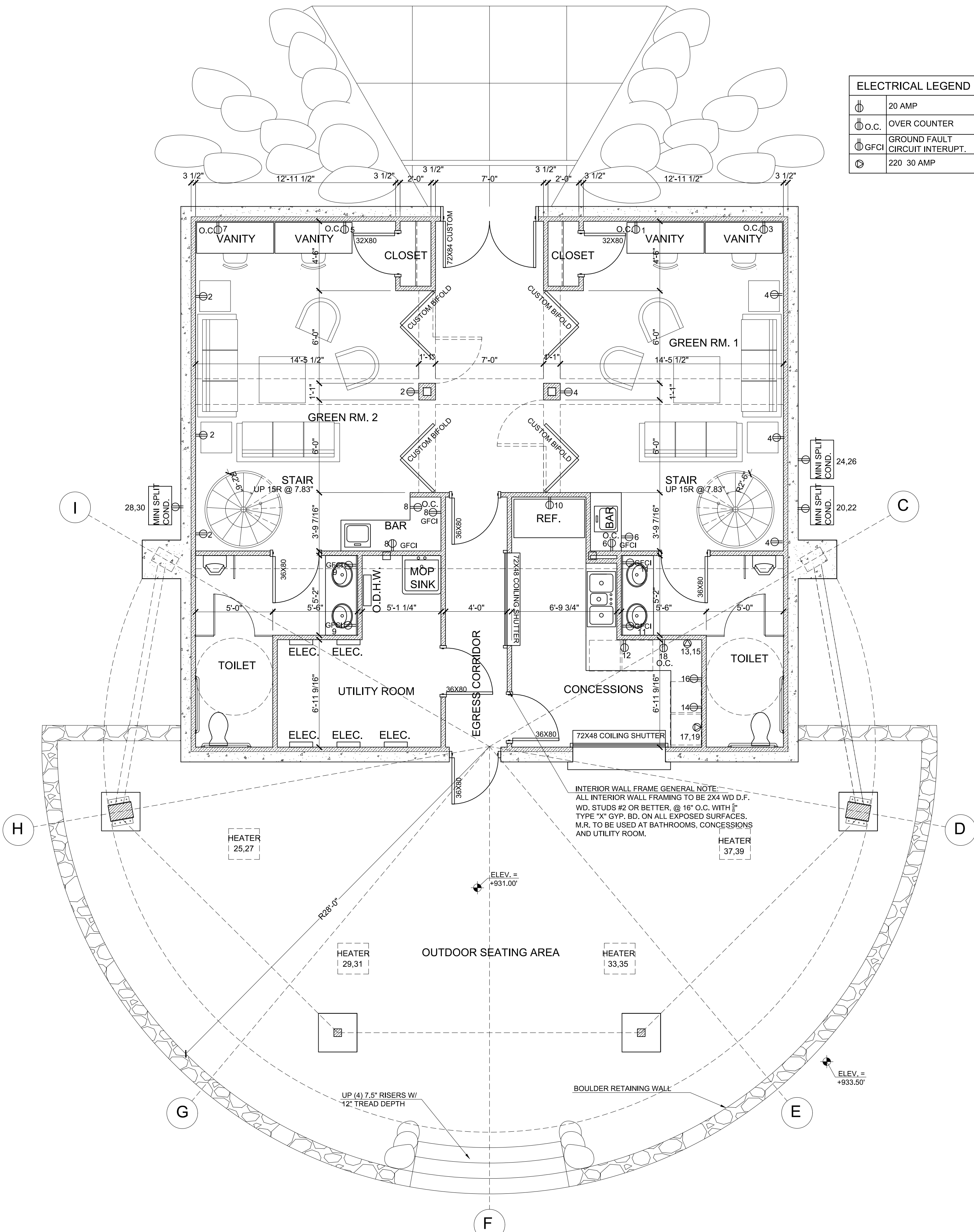
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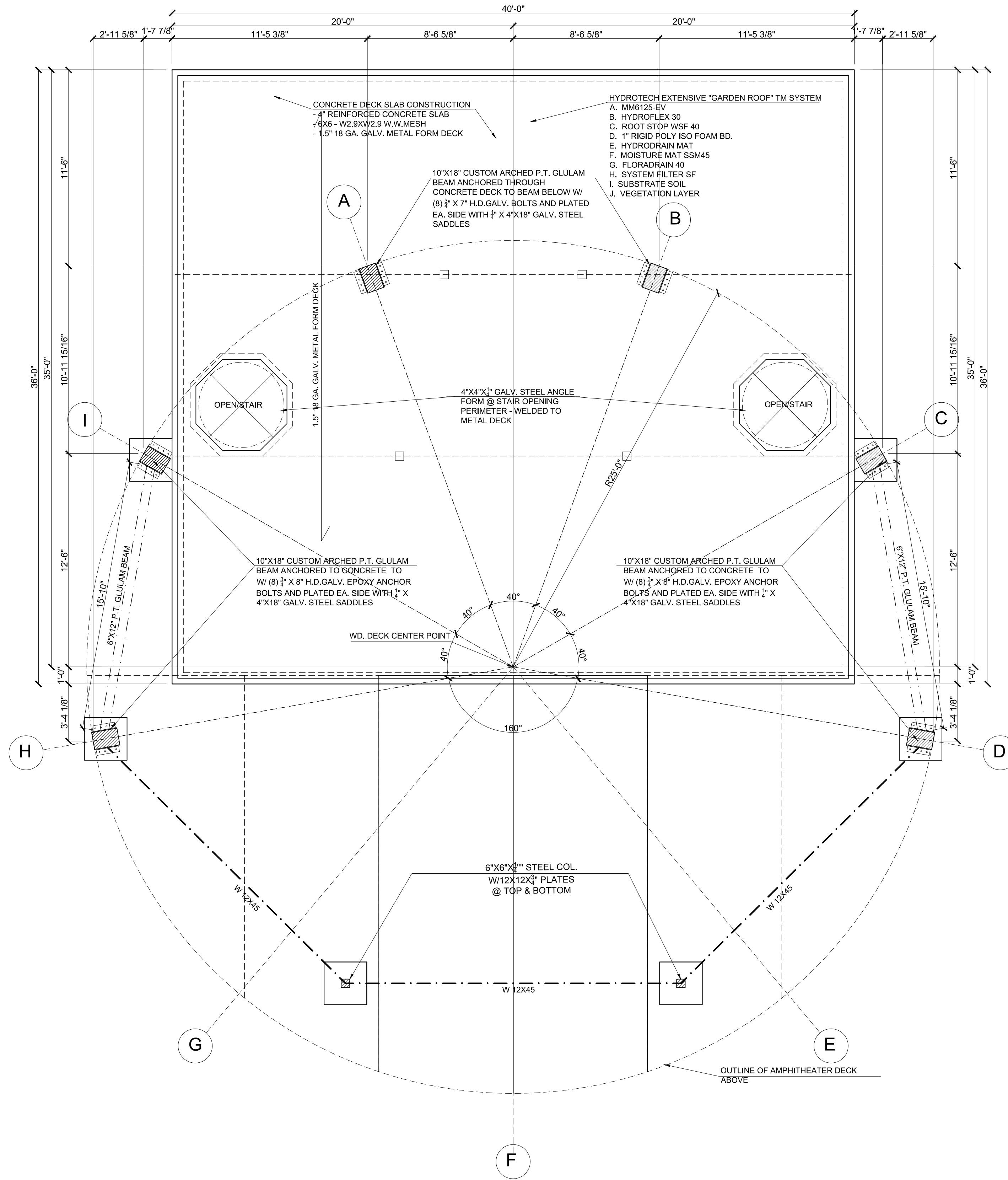
Page A-1.1

ELECTRICAL LEGEND

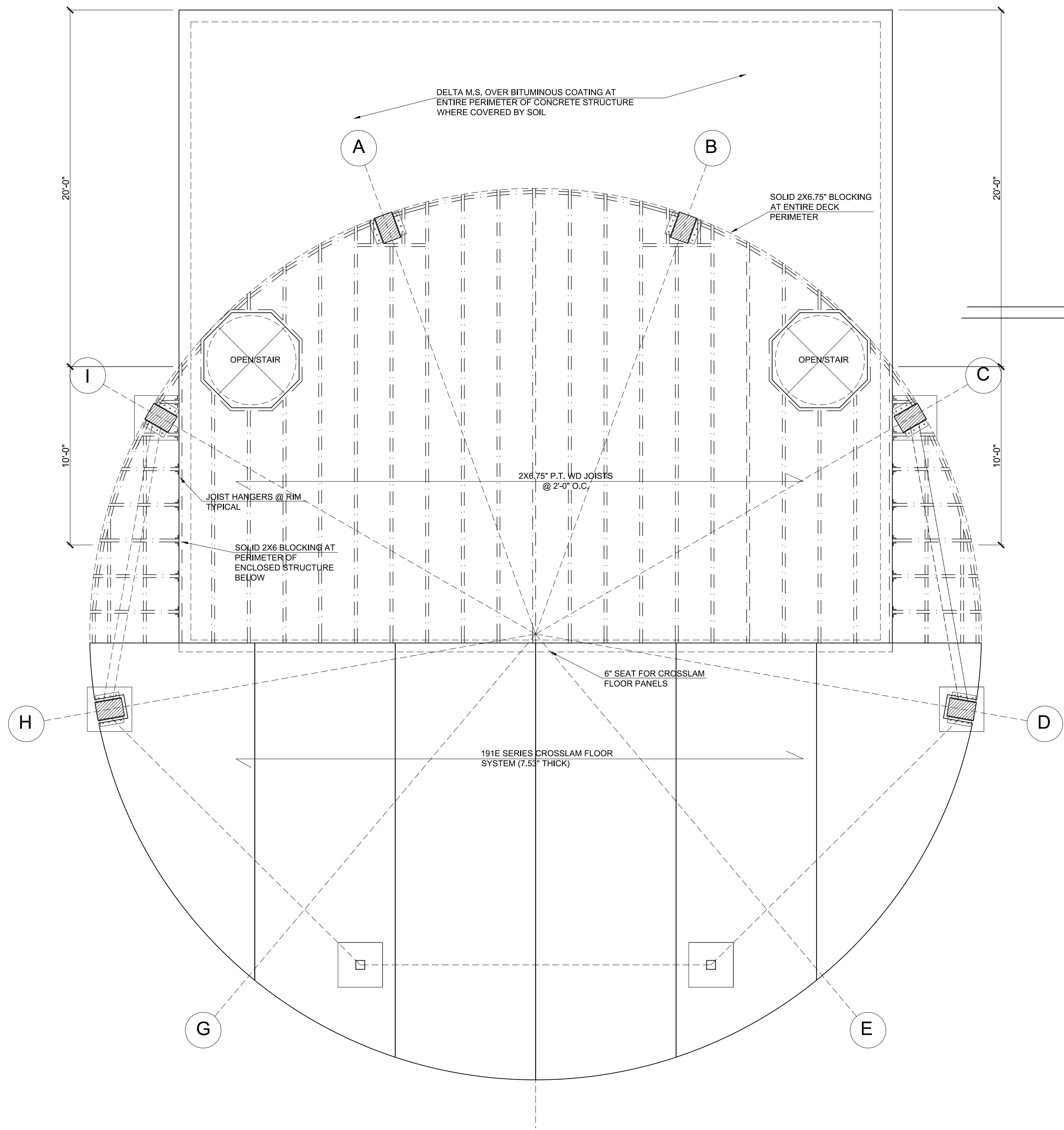
	20 AMP
	OVER COUNTER
	GROUND FAULT CIRCUIT INTERRUPT.
	220 30 AMP



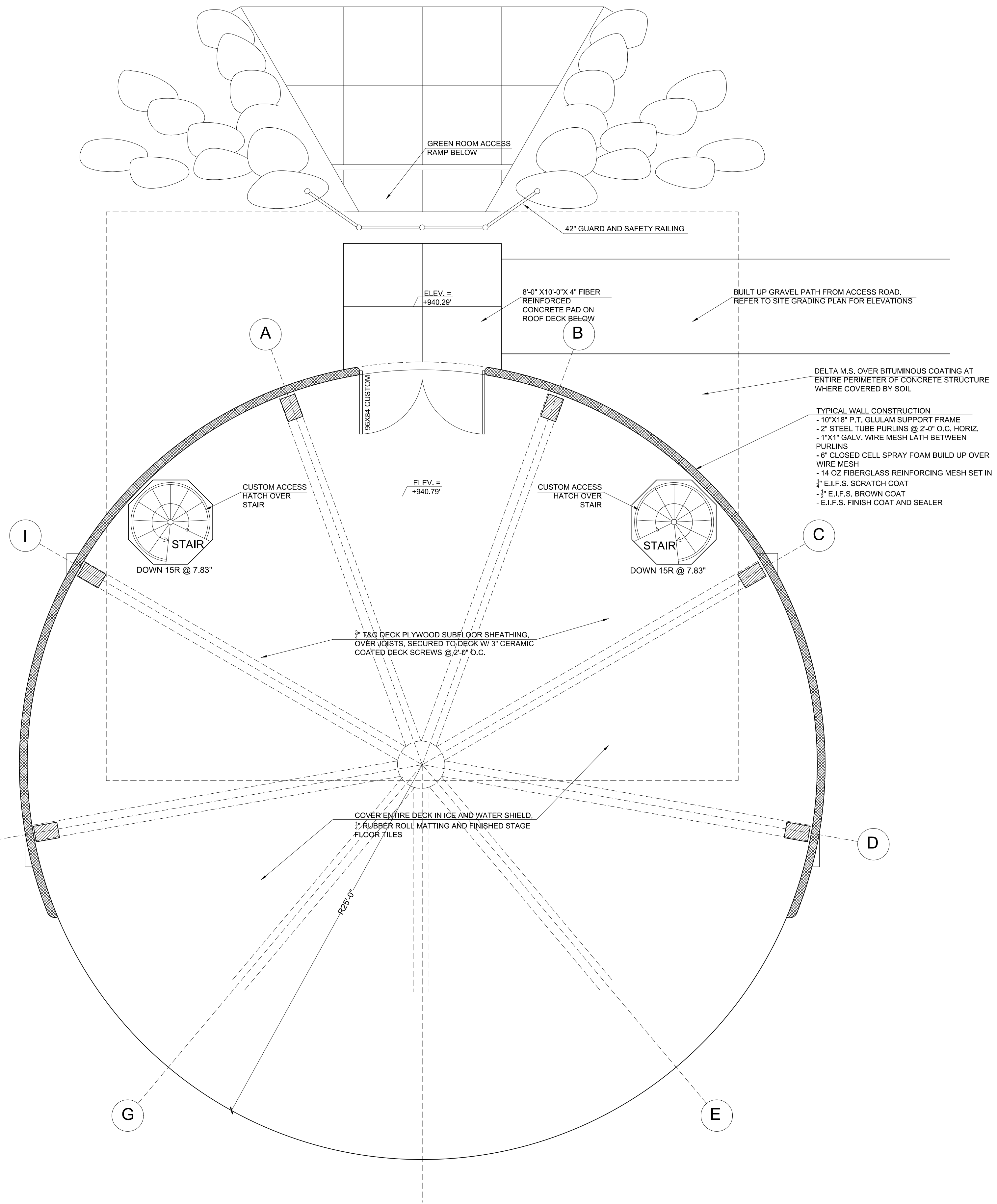
1 AMPHITHEATER GREEN ROOM PLANS
 1/4" = 1'-0"



2 AMPHITHEATER BEAM LAYOUT
 1/4" = 1'-0"

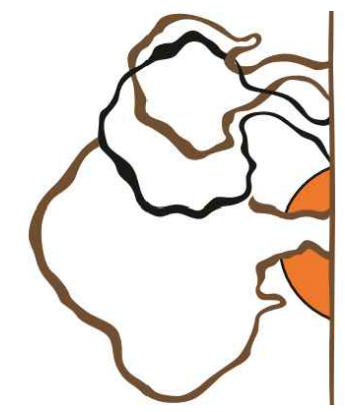


1 AMPHITHEATER JOIST FRMAING PLAN
1/4" = 1'-0"



2 AMPHITHEATER DECK/FLOOR PLAN
1/4" = 1'-0"

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PROJECT NAME:
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REV. 1 - 3/14/23

Page A-1.2



PROJECT NAME:
 WEST FALLS CENTER FOR THE
 ARTS EXPANSION - PHASE 2
 AMPHITHEATER PLANS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

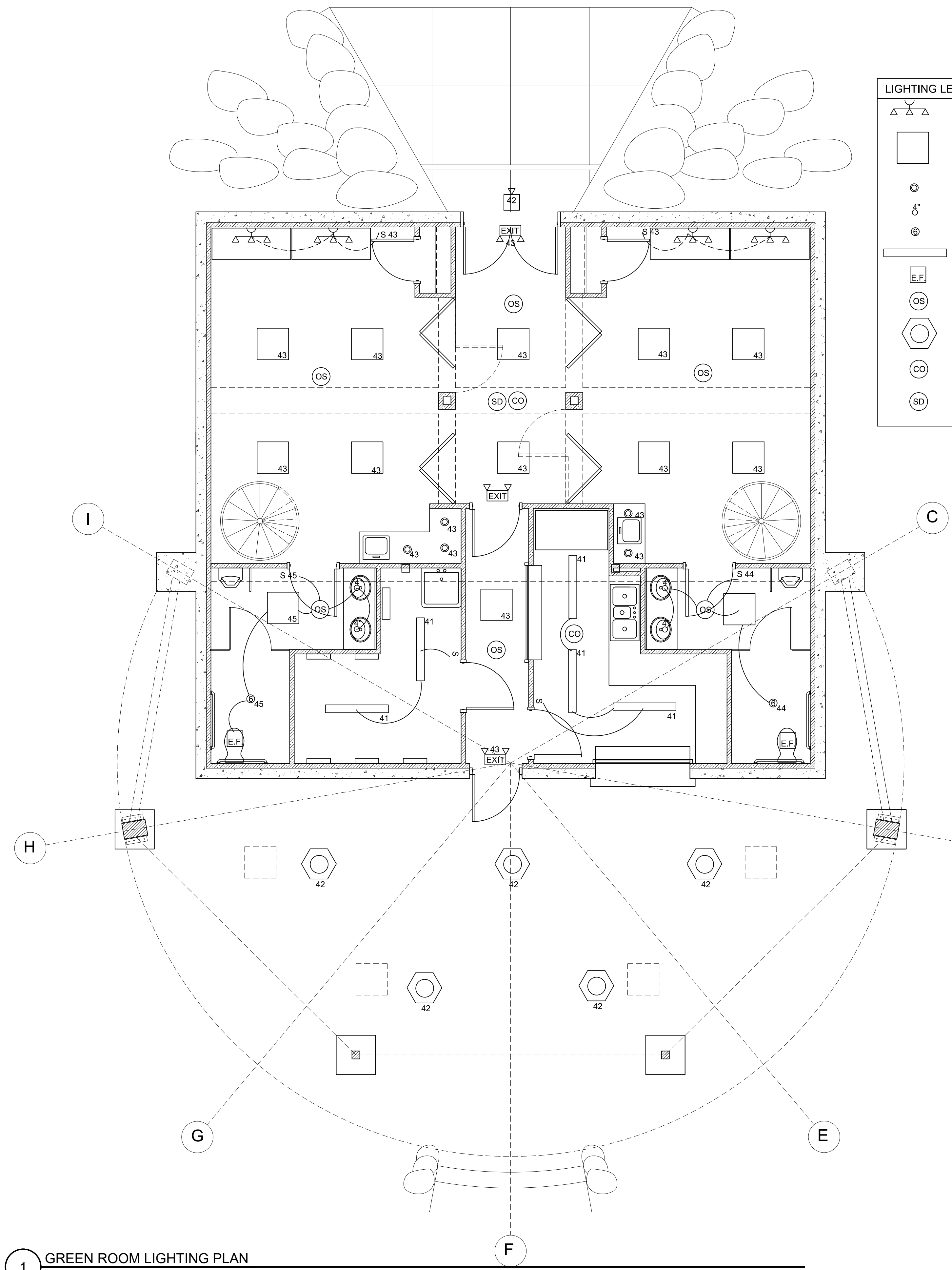
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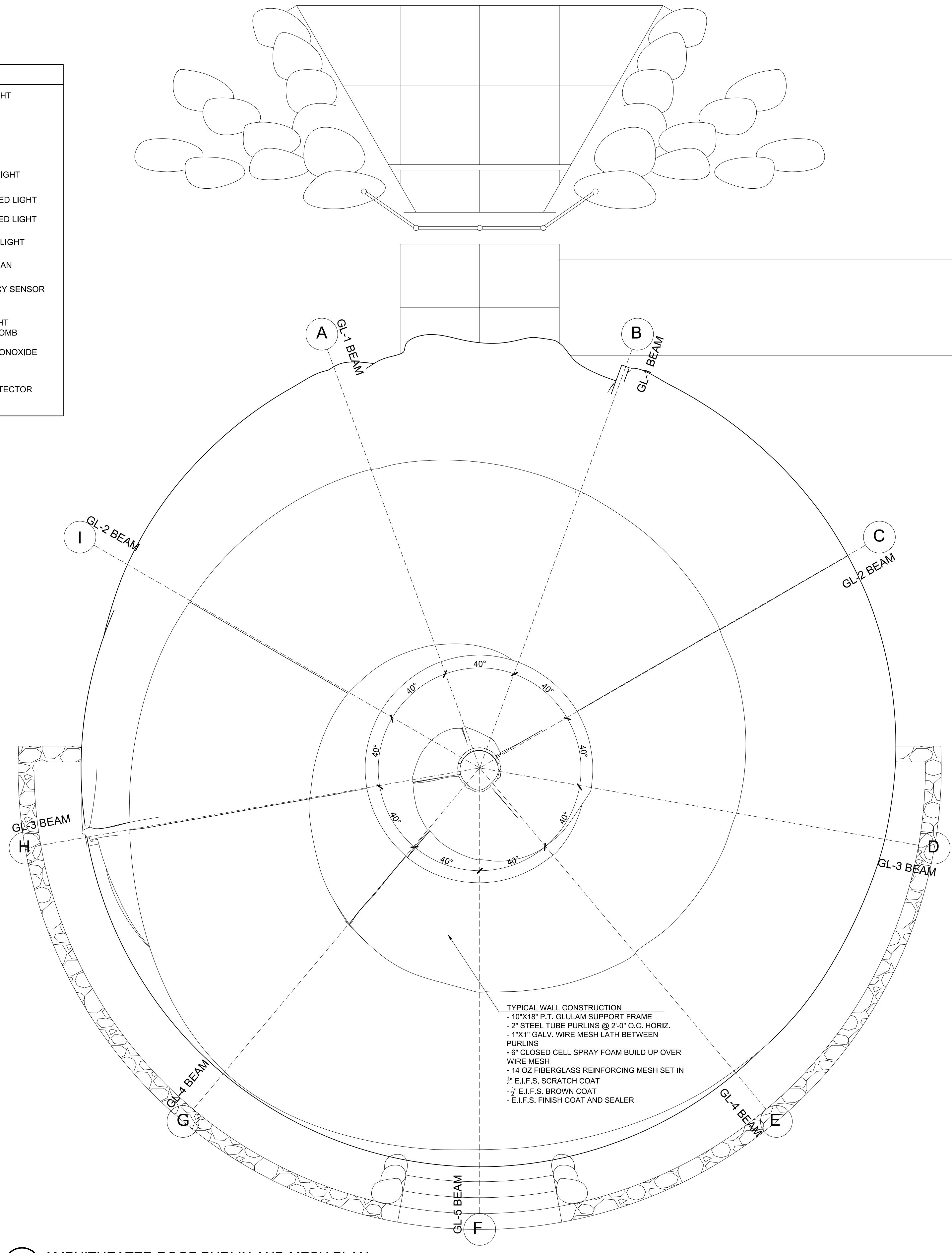
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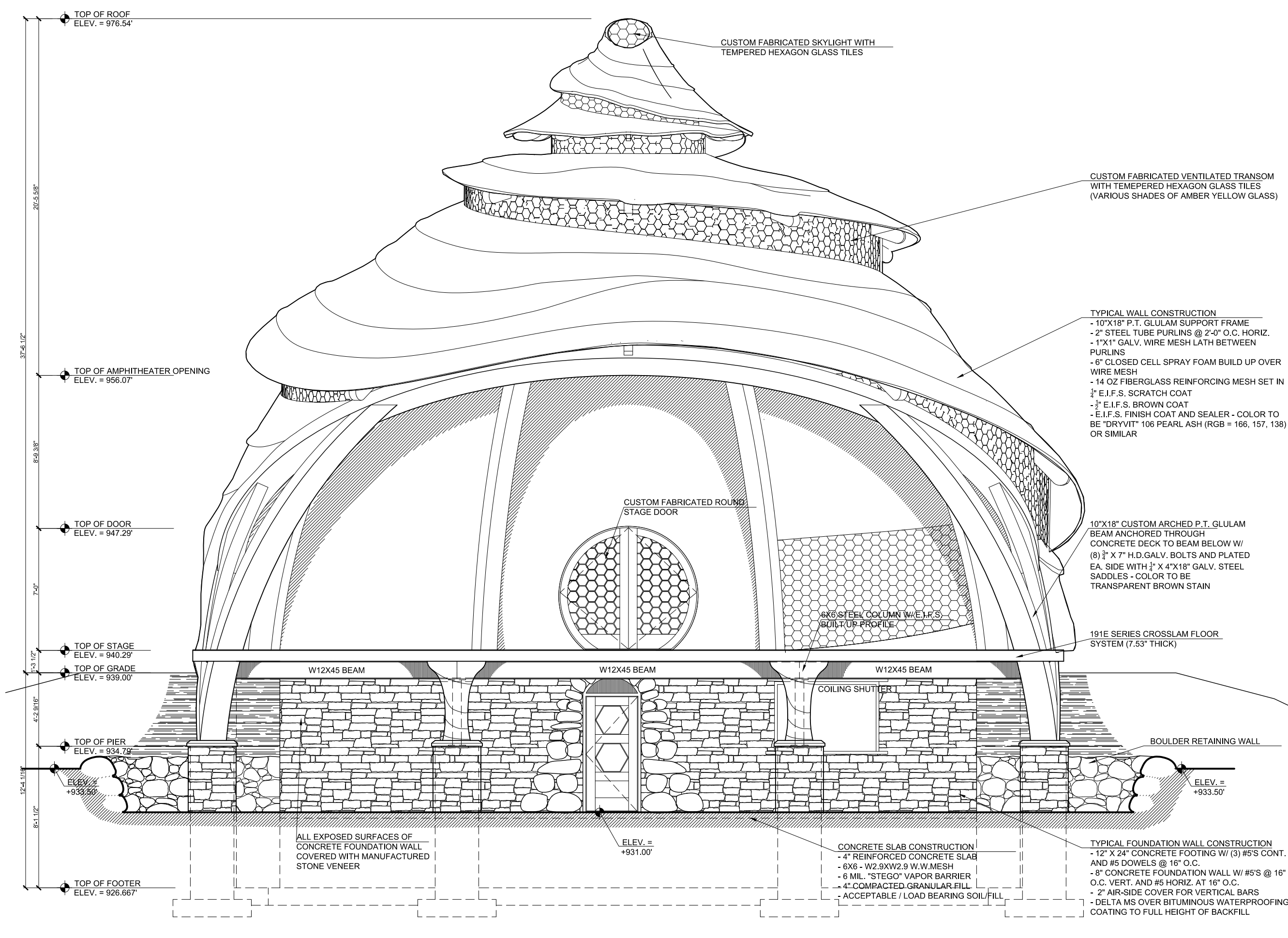
LIGHTING LEGEND	
	VANITY LIGHT
	2X2 LIGHT
	PENDANT LIGHT
	4" RECESSED LIGHT
	6" RECESSED LIGHT
	4'-0" STRIP LIGHT
	EXHAUST FAN
	OCCUPANCY SENSOR
	6" CAN LIGHT CUSTOM COMB
	CARBON MONOXIDE DETECTOR
	SMOKE DETECTOR



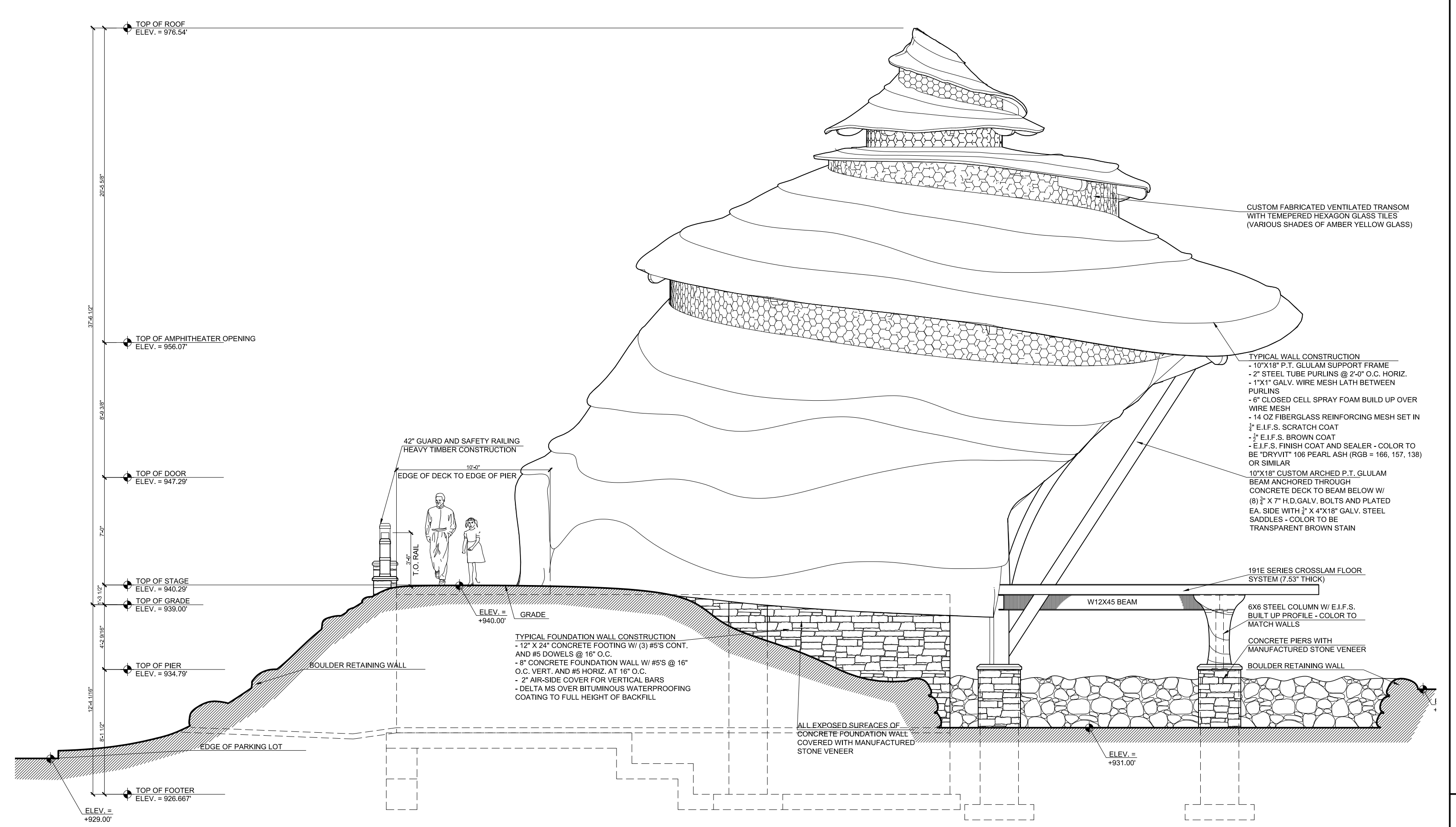
1 GREEN ROOM LIGHTING PLAN
 1/4" = 1'-0"



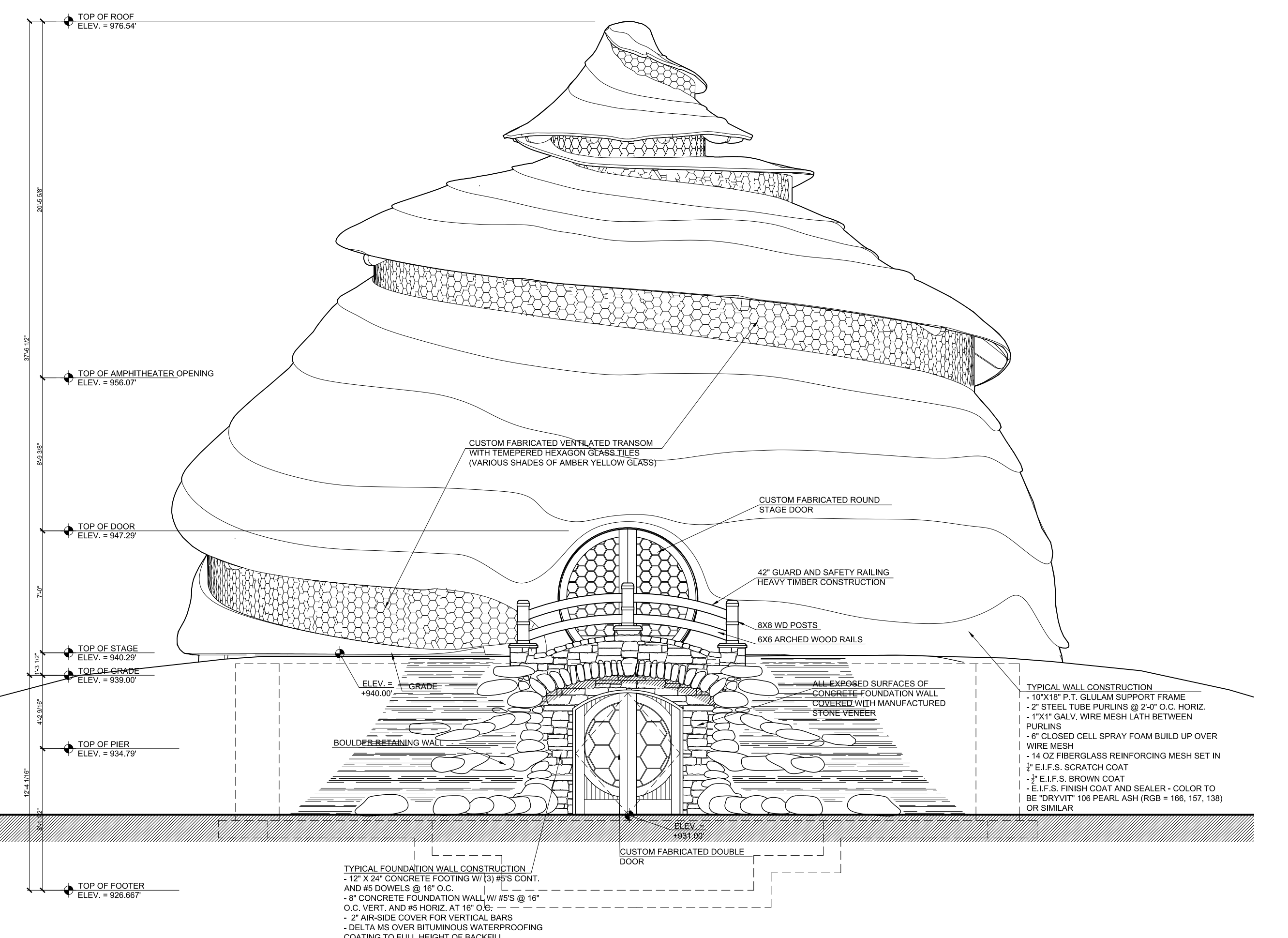
2 AMPHITHEATER ROOF PURLIN AND MESH PLAN
 1/4" = 1'-0"



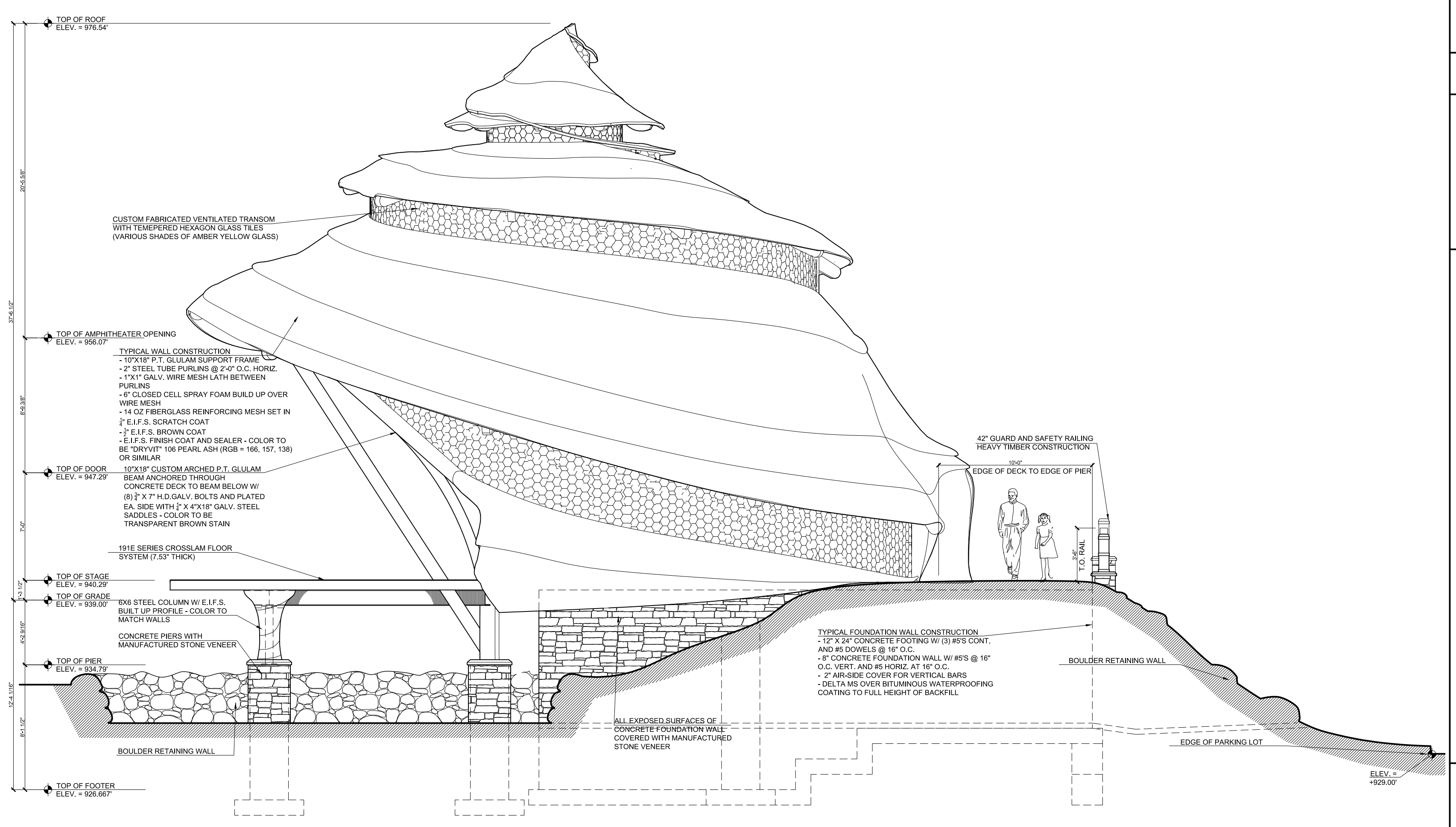
1 AMPHITHEATER EAST ELEVATION
3/16" = 1'-0"



2 AMPHITHEATER NORTH ELEVATION
3/16" = 1'-0"

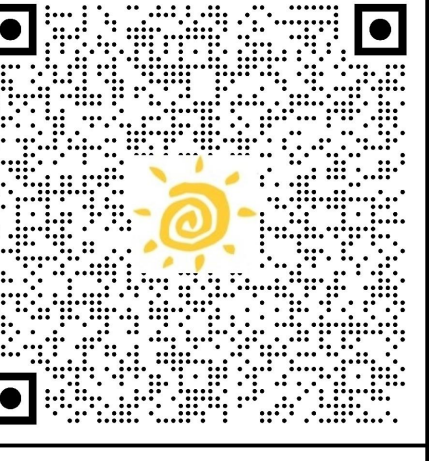
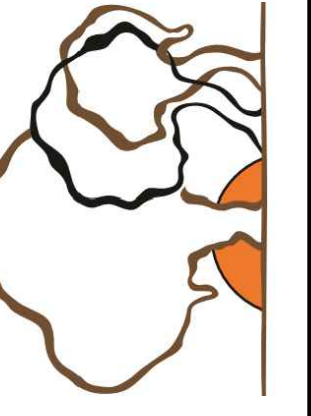


3 AMPHITHEATER WEST ELEVATION
3/16" = 1'-0"



4 AMPHITHEATER SOUTH ELEVATION
3/16" = 1'-0"

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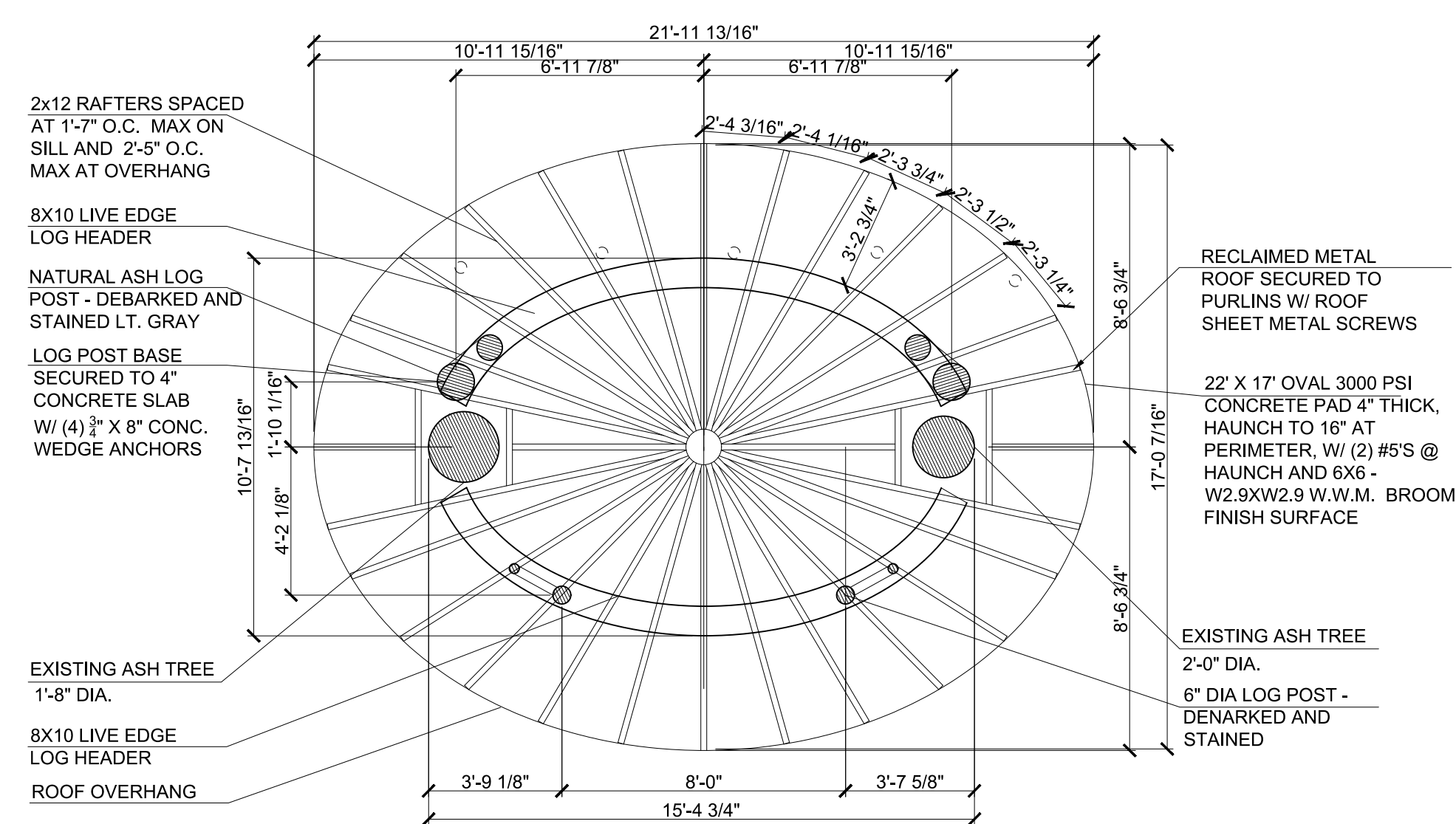
SCAN QR CODE FOR INTERACTIVE 3D MODEL

PROJECT NAME:
WEST FALLS CENTER FOR THE
ARTS EXPANSION - PHASE 2
AMPHITHEATER ELEVATIONS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED, RESUBMIT

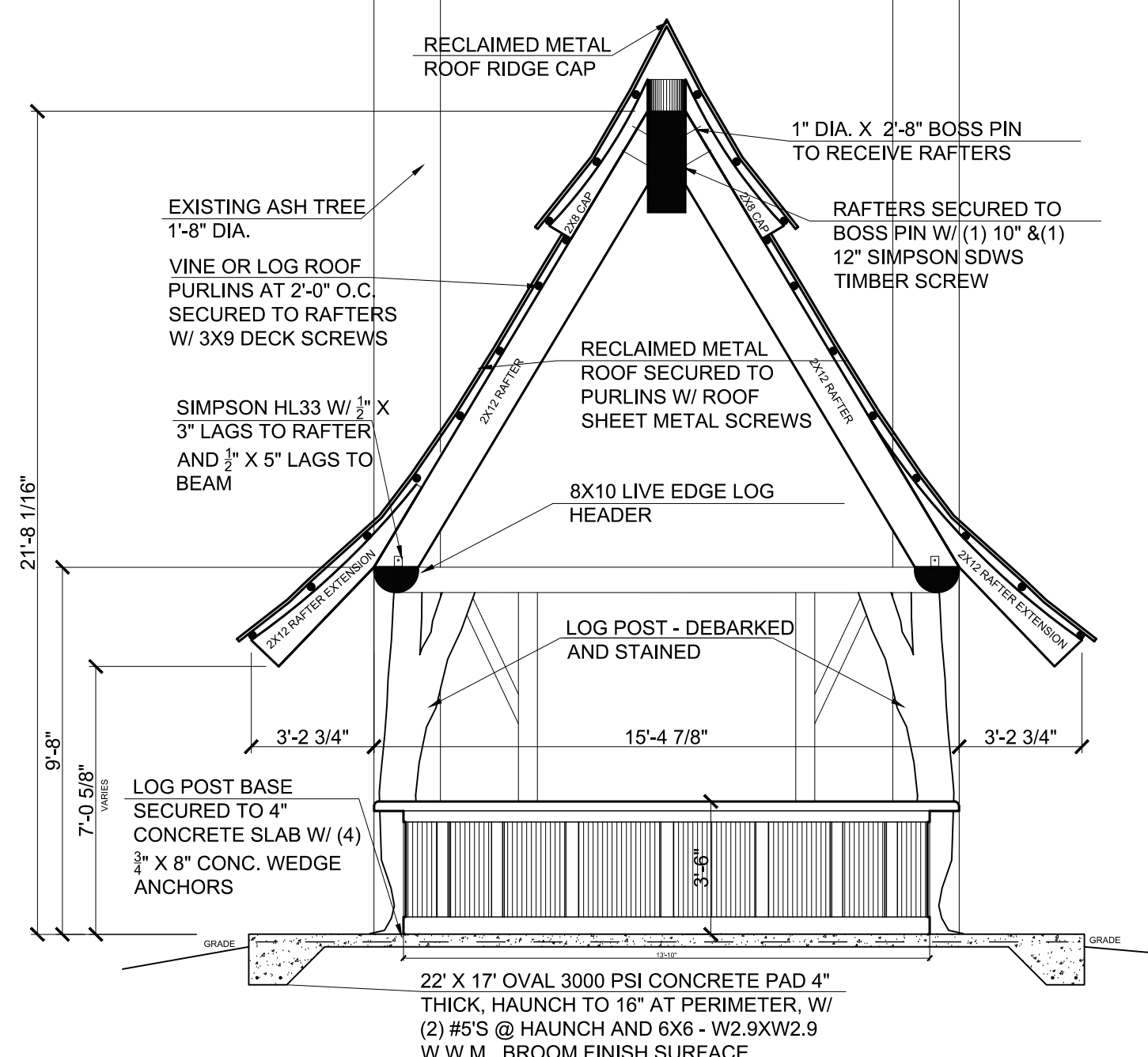
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REV. 1 - 3/14/23



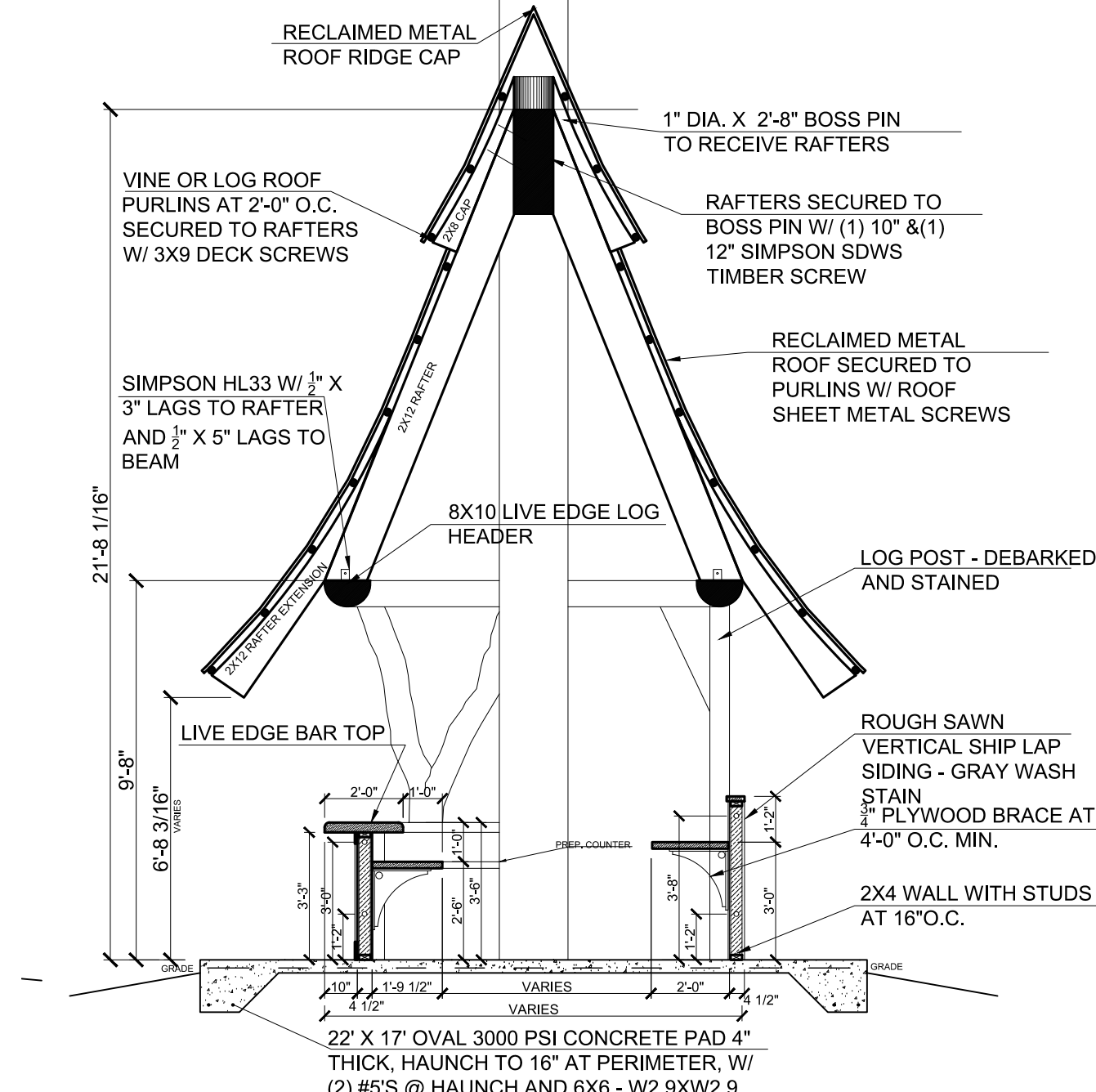
1 REFRESHMENT STAND PLAN

1/4" = 1'-0"



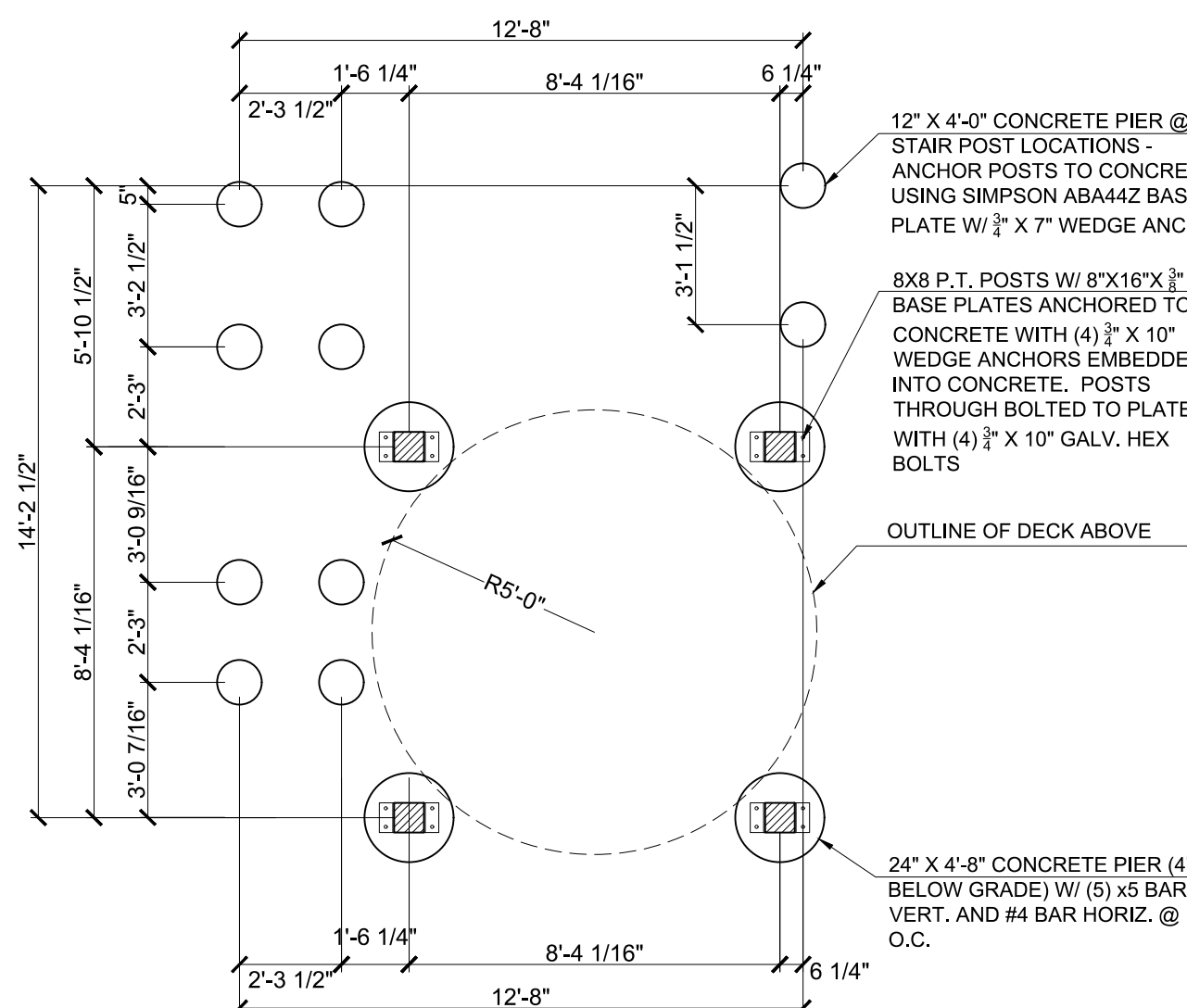
2 REFRESHMENT STAND SECTION

1/4" = 1'-0"



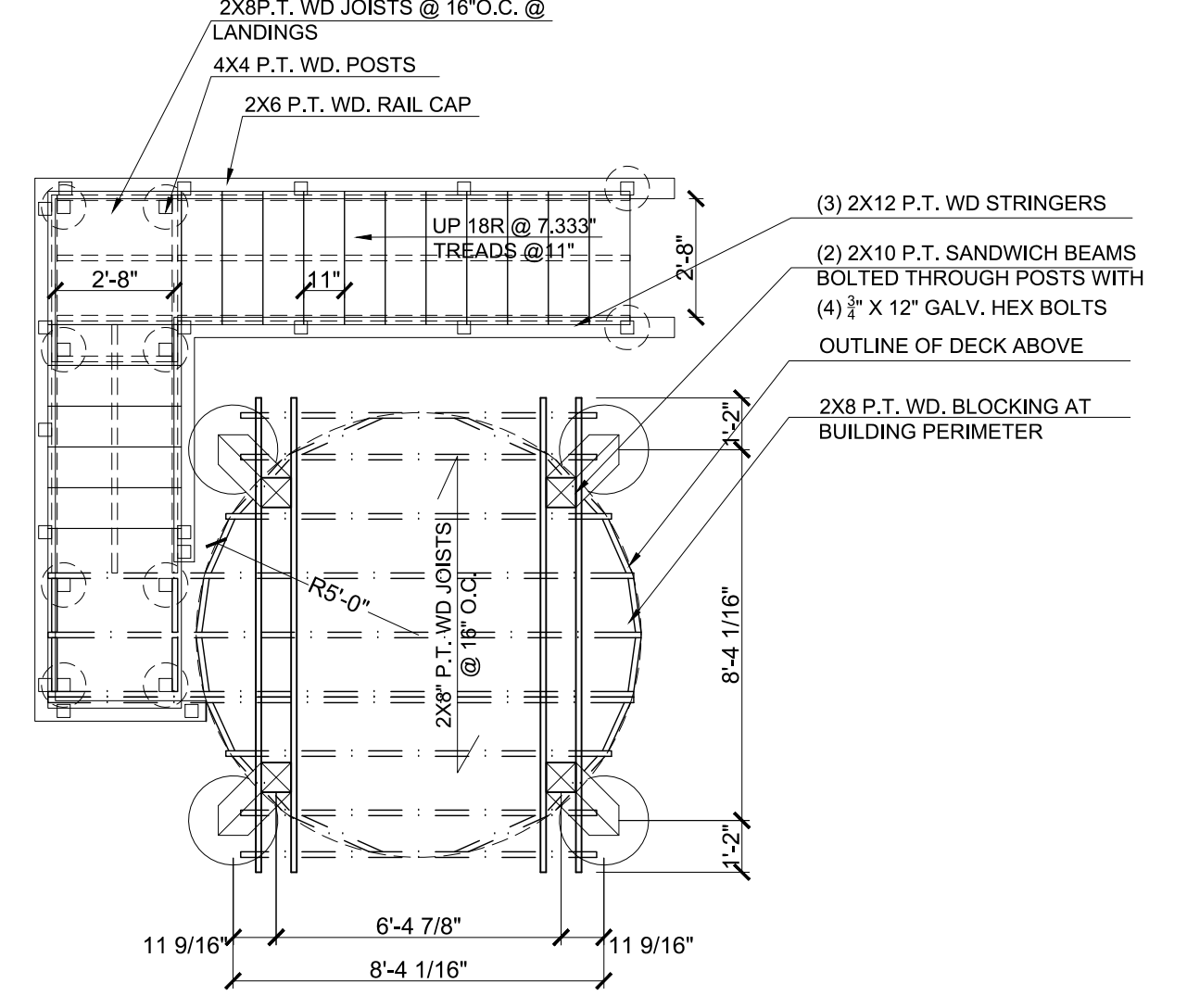
3 REFRESHMENT STAND SECTION

1/4" = 1'-0"



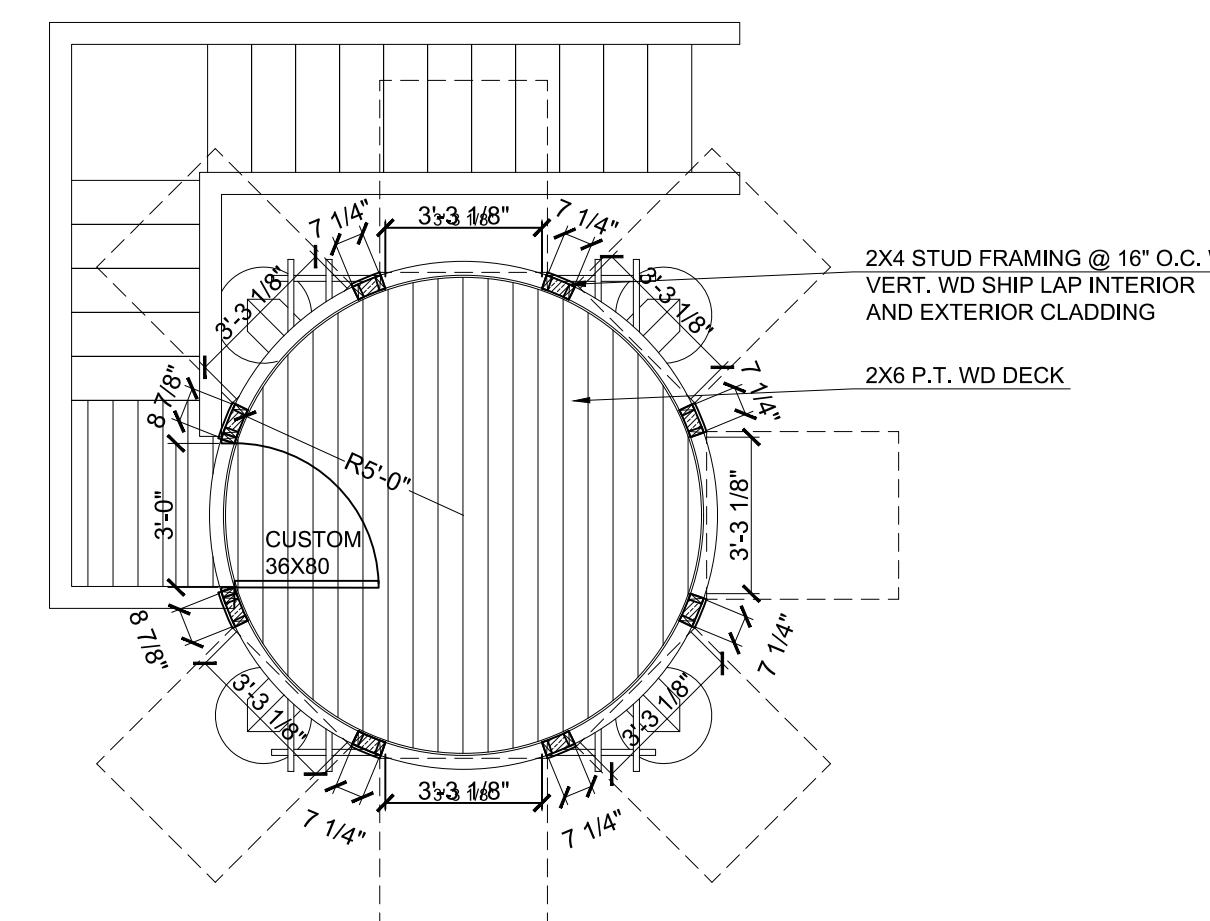
4 SOUND BOOTH FOUNDATION PLAN

1/4" = 1'-0"



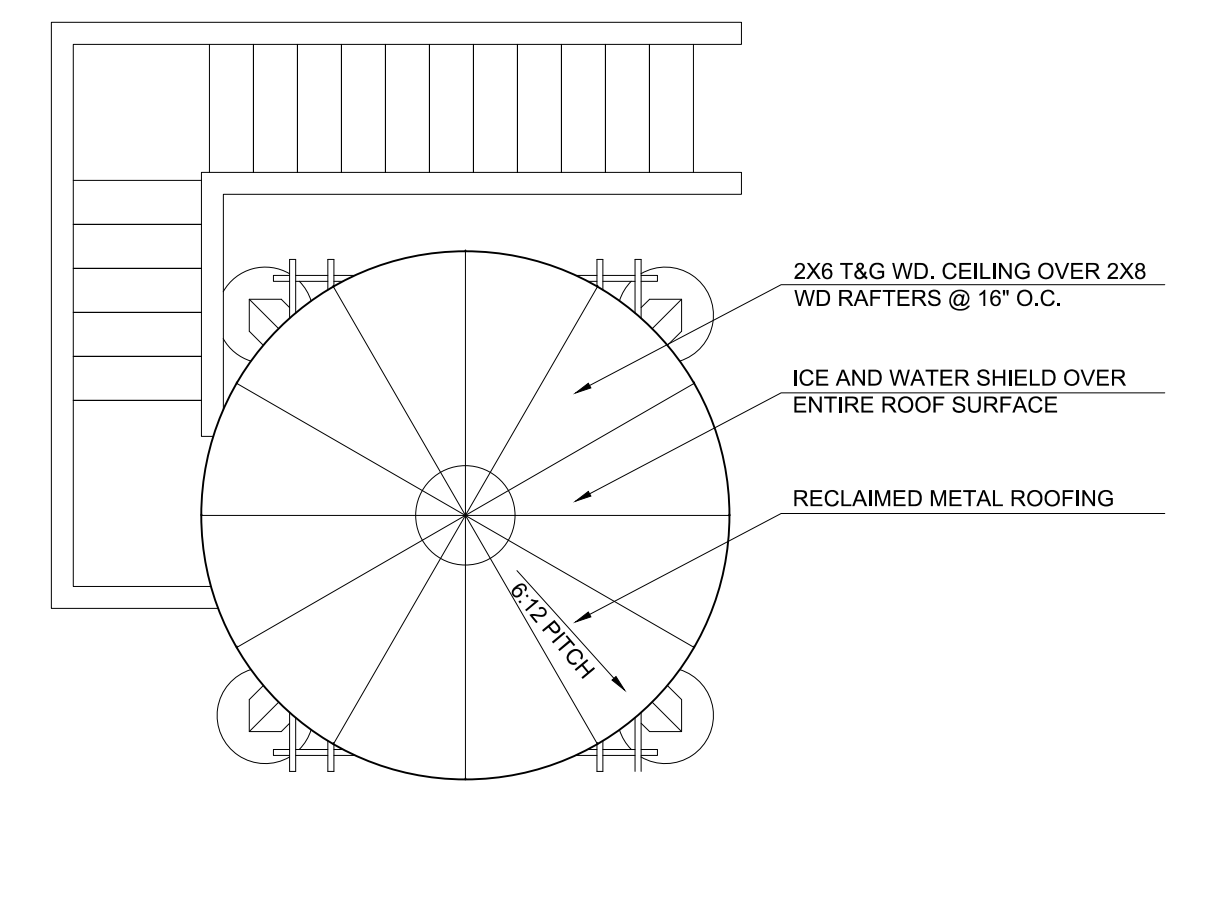
5 SOUND BOOTH FRAMING PLAN

1/4" = 1'-0"



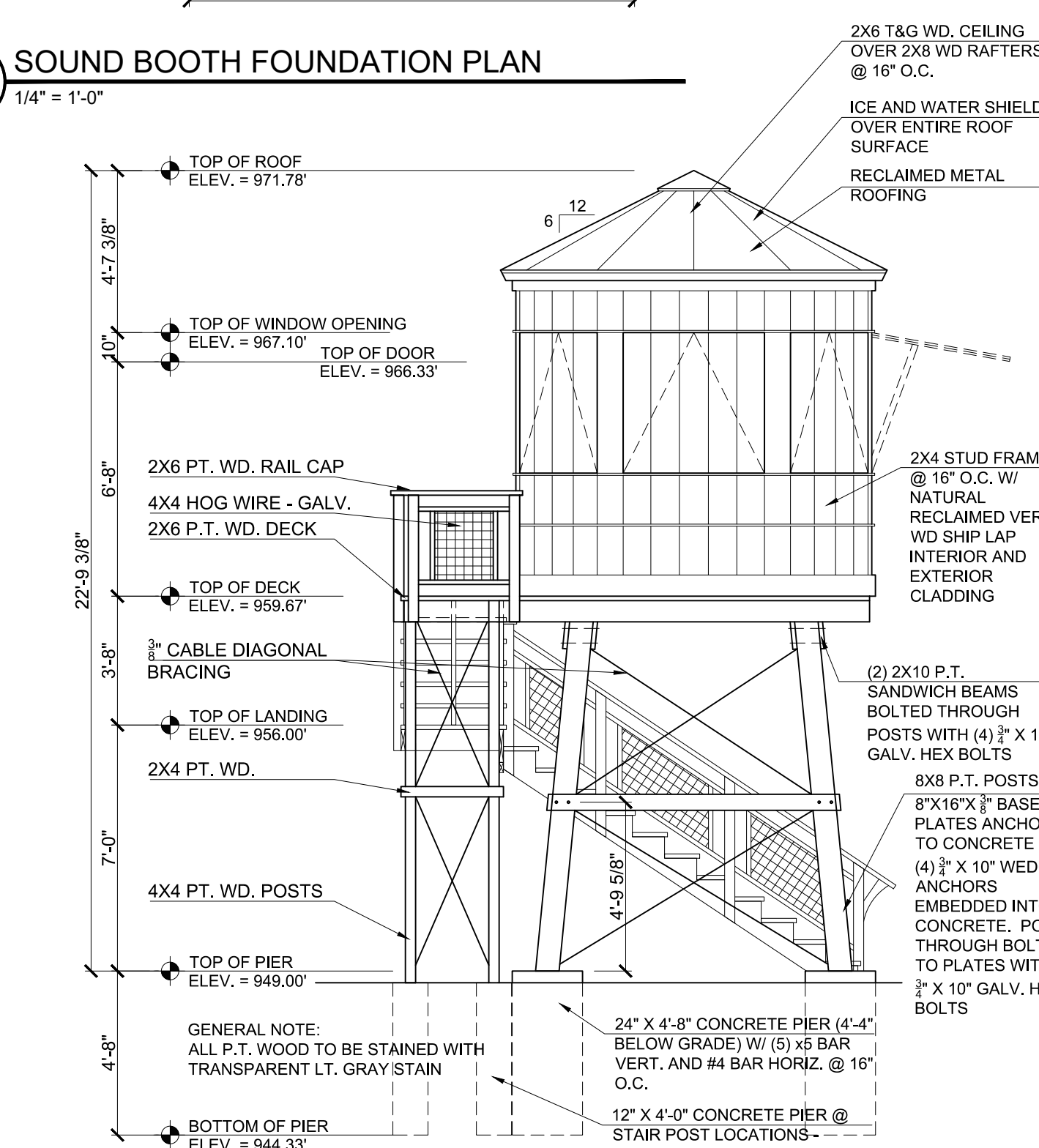
6 SOUND BOOTH FLOOR PLAN

1/4" = 1'-0"



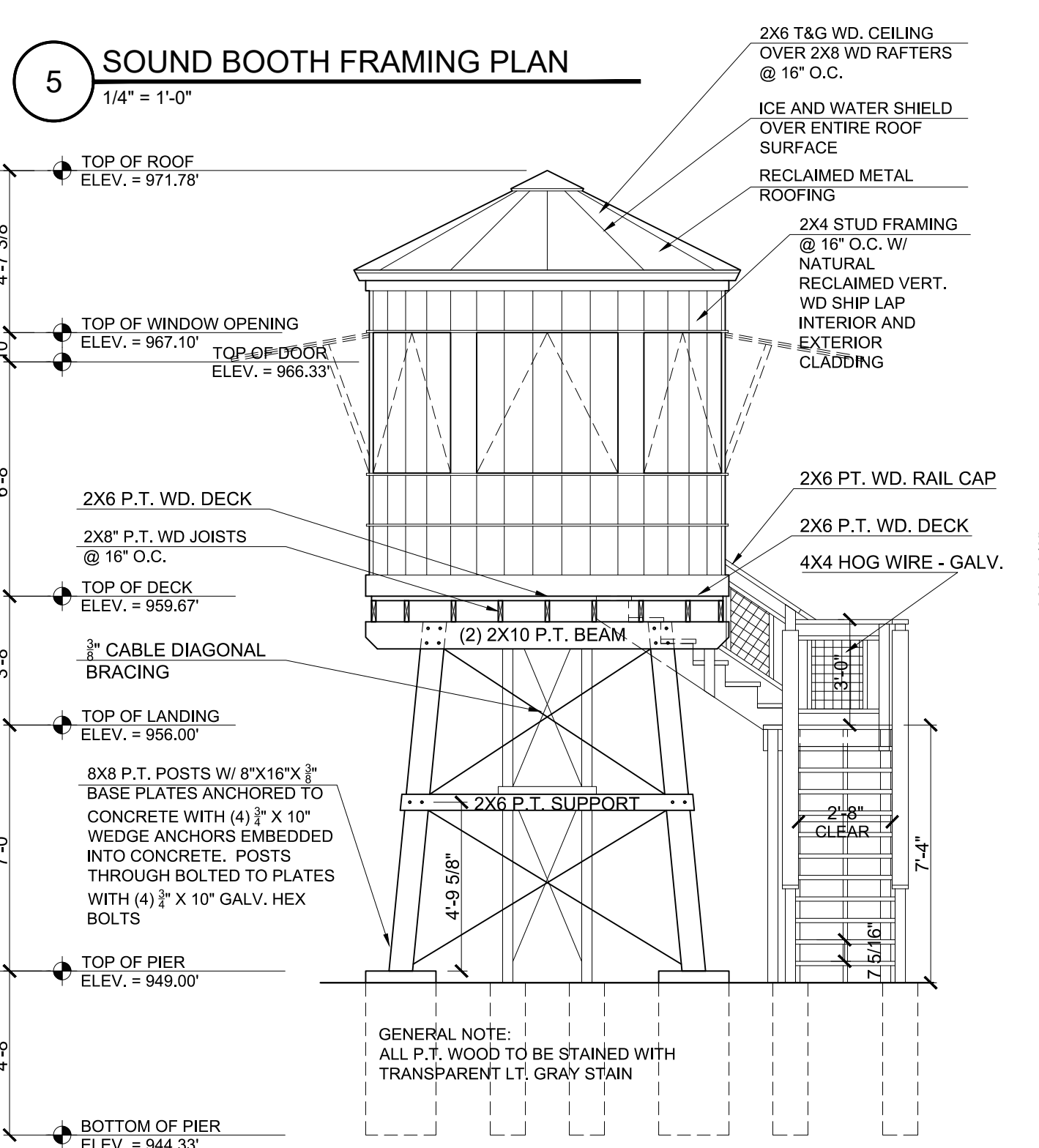
7 SOUND BOOTH ROOF PLAN

1/4" = 1'-0"



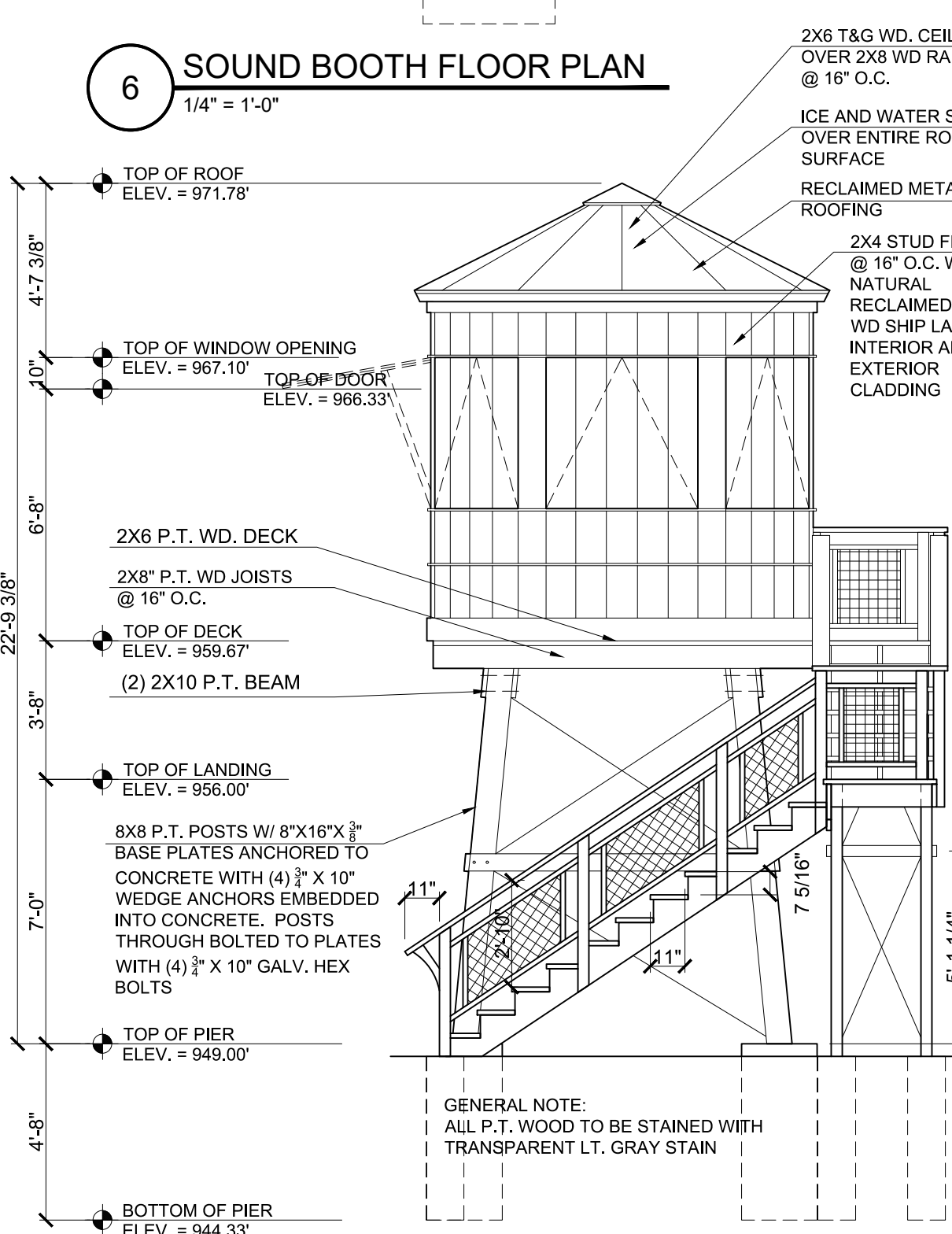
8 SOUND BOOTH NORTH ELEVATION

1/4" = 1'-0"



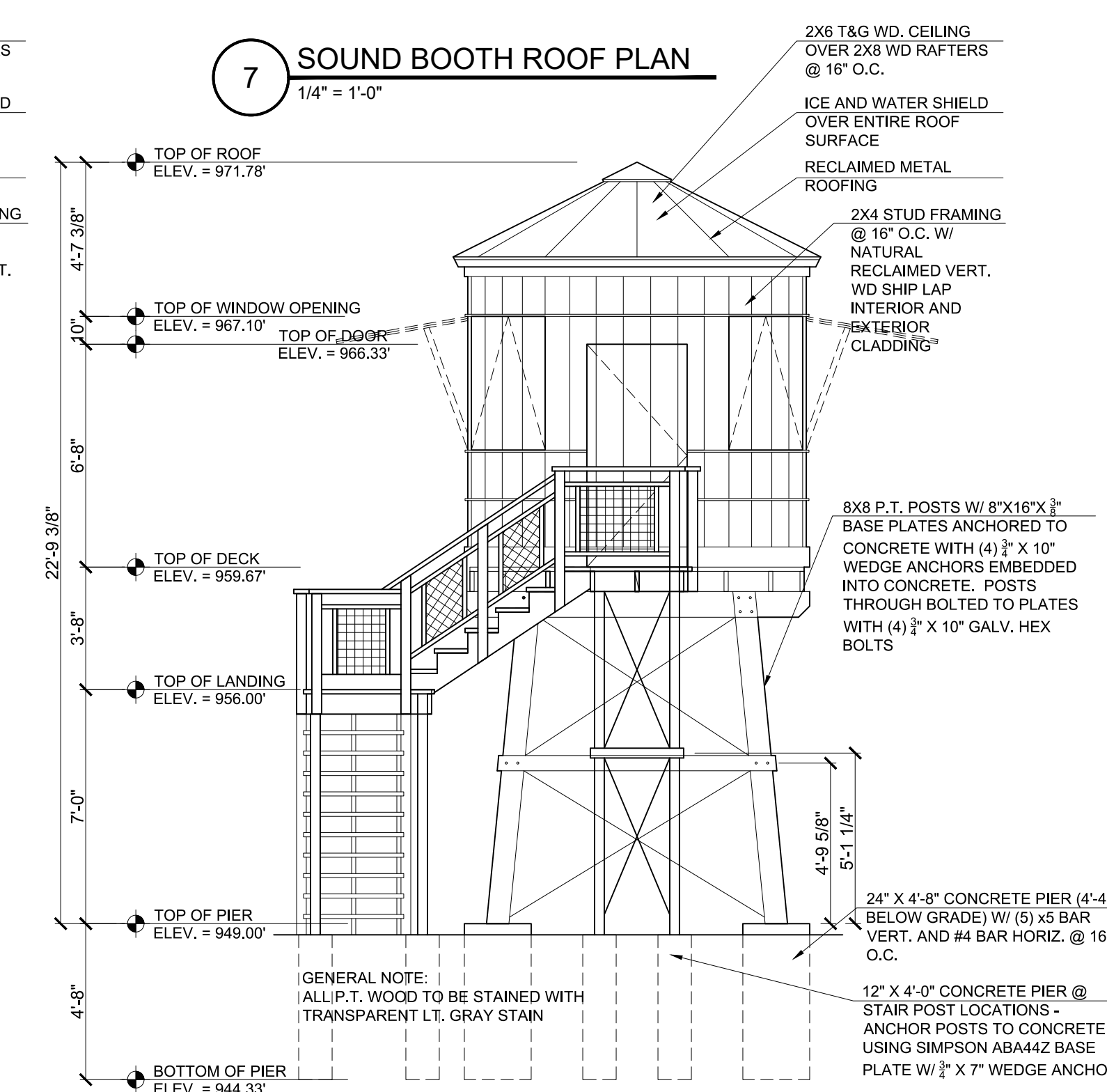
9 SOUND BOOTH WEST ELEVATION

1/4" = 1'-0"



10 SOUND BOOTH SOUTH ELEVATION

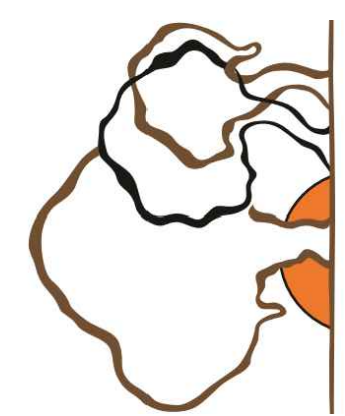
1/4" = 1'-0"



11 SOUND BOOTH EAST ELEVATION

1/4" = 1'-0"

Buffalo Treehouse
phone 716.833.TREE
www.buffalotreehouse.com



PROJECT NAME:
WEST FALLS CENTER FOR THE
ARTS EXPANSION - PHASE 2
REFRESHMENT STAND PLANS AND
SOUND BOOTH PLANS

APPROVED AS DRAWN
APPROVED AS NOTED
NOT APPROVED, RESUBMIT
INITIALS: _____ DATE: _____
SCALE: SEE PLAN
DRAWN BY: ALS
REV. 1 - 3/14/23
A-1.5