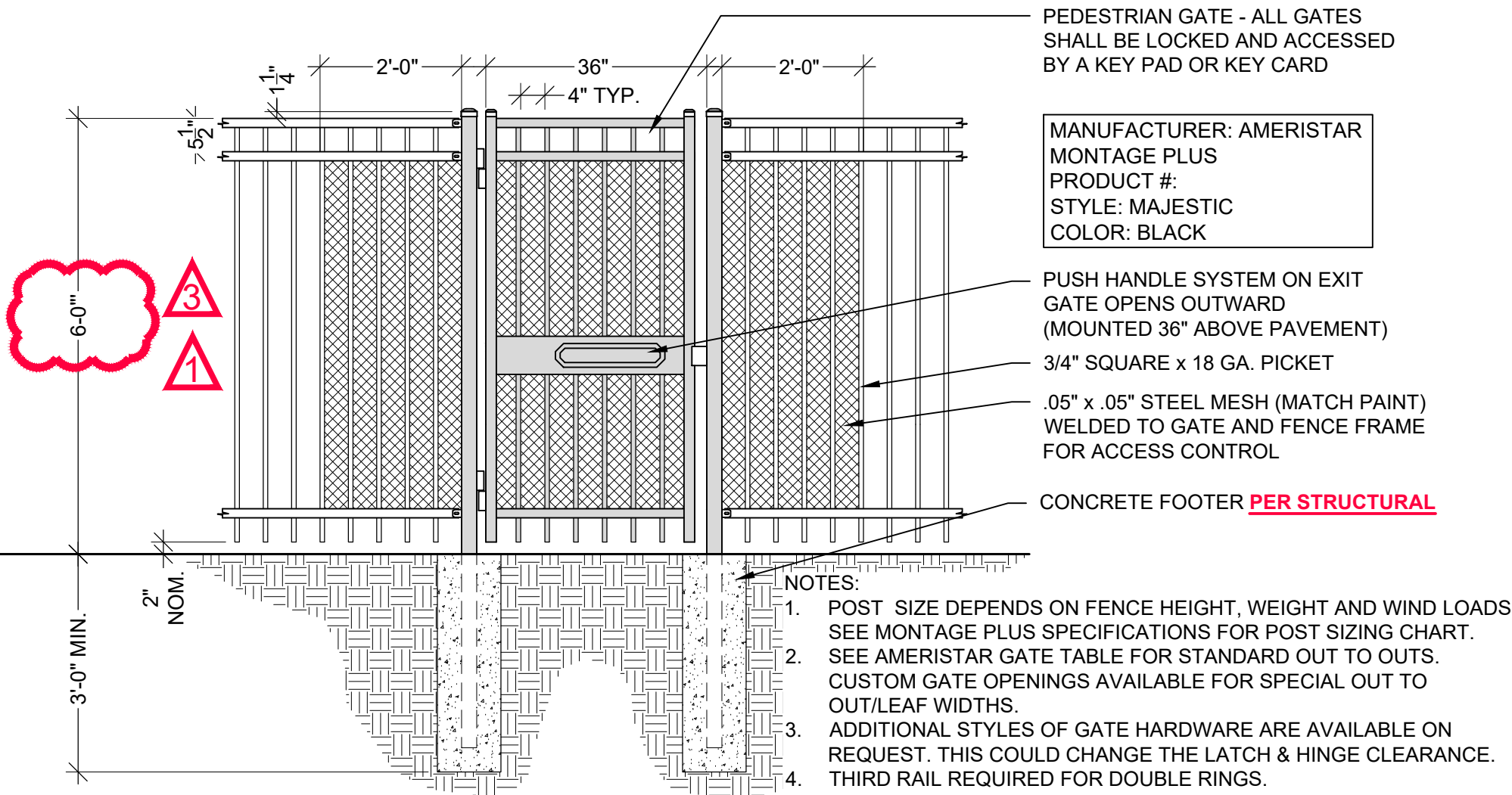


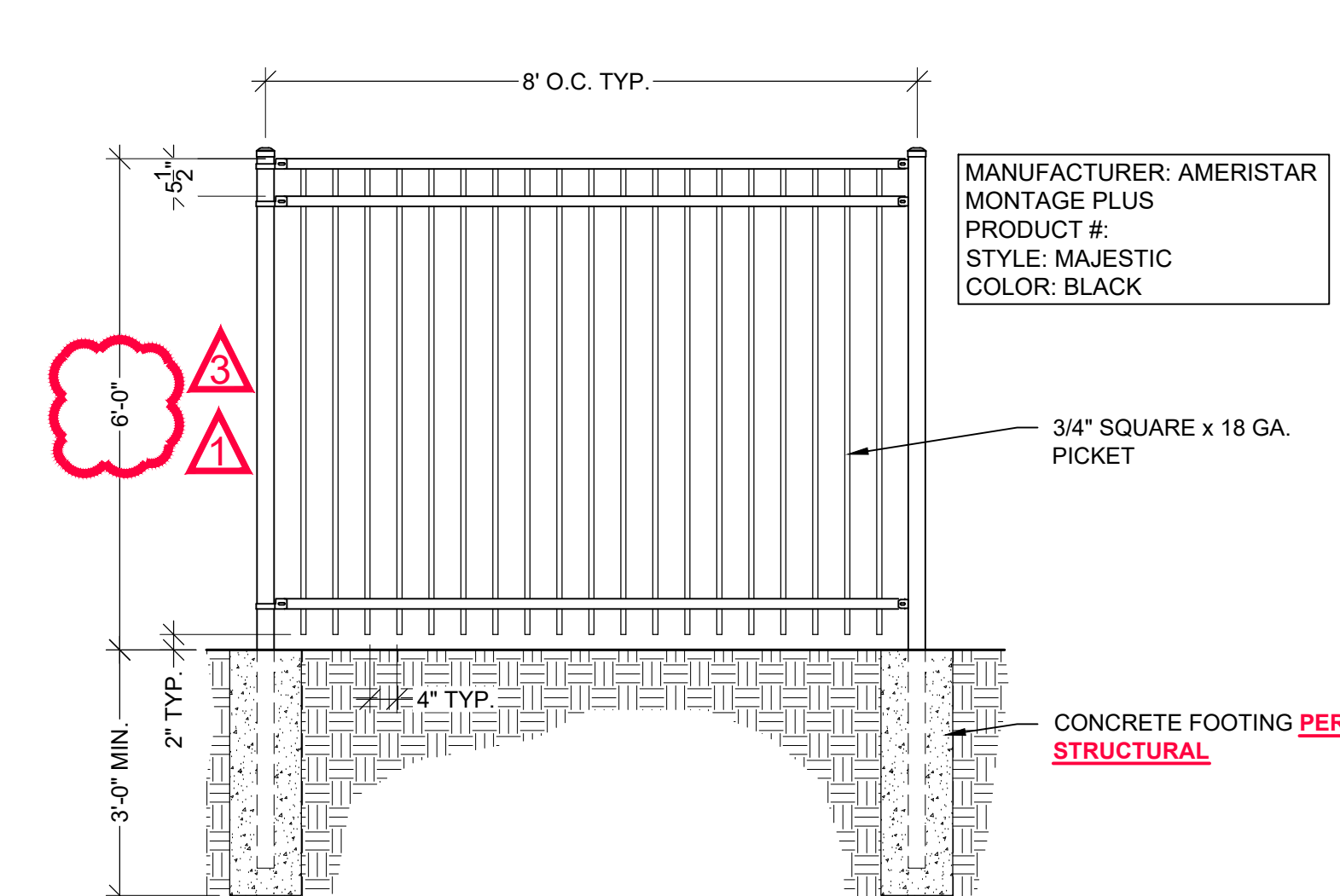
- CONSTRUCTION JOINTS:
- A. SCORE JOINTS: JOINTS SHALL BE AS SPECIFIED ON CONSTRUCTION DRAWINGS. FORM IN FRESH CONCRETE USING A GROOVER TOOL TO CUT THE GROOVE TO A SMOOTH, UNIFORM IMPRESSION. FINISH JOINTS SHALL BE NO WIDER THAN 3/8" WITH 1/8" RADIUS.
- B. EXPANSION AND KEYED JOINTS.
1. INSTALL JOINTS AT LOCATIONS AND INTERVALS AS SHOWN ON THE CONSTRUCTION PLANS AND WHERE CONCRETE PAVING ABUTS BUILDINGS, CURBS, OR OTHER STRUCTURES.
2. JOINT MATERIALS SHALL BE PLACED WITH TOP EDGE 1/2" BELOW THE PAVED SURFACE SECURELY HELD IN PLACE TO PREVENT MOVEMENT.
3. JOINTS AND OTHER EDGES SHALL BE FORMED IN THE FRESH CONCRETE USING AN EDGING OR GROOVER TOOL TO PROVIDE A SMOOTH UNIFORM IMPRESSION.
4. AFTER THE CURING PERIOD, EXPANSION JOINTS SHALL BE CAREFULLY CLEANED AND FILLED WITH JOINT COMPOUND TO 1/4" BELOW ADJACENT PAVED SURFACE TO AVOID SPILLING ON PAVED SURFACES OR OVERFLOW FROM JOINT.
5. PREMOLDED JOINT FILLER: NON EXTRUDING AND RESILIENT FILLER (BITUMINOUS TYPE) CONFORMING TO ASTM D1751.
6. JOINT SEALANT: SCOLASTIC SEALANT TWO-PART MANUFACTURED BY SONNEBORN-CONTECH, BUILDING PRODUCT DIVISION, CONTECH, INC., OR APPROVED EQUAL. BOND BREAKER TAPE TO BE AS RECOMMENDED BY SEALANT MANUFACTURER. COLOR SHALL MATCH CONCRETE.

- NOTES:
- A. CAULKING COLOR SHALL MATCH COLOR OF ADJACENT PAVING
- B. INSTALLATION/REPLACEMENT OF R.O.W. SIDEWALK REQUIRES 6" THICK CONCRETE SECTION, REFER TO ENGINEERING PLANS.
- KEYNOTES
1. SCORE JOINT WITH 1/4" RADIUS TOOLED EDGE PER PLAN.
2. CONCRETE PAVING WITH REINFORCEMENT PER STRUCTURAL ENGINEER. TEXTURE/FINISH AND COLOR PER PLAN.
3. EXPANSION AND JOINT FILLER PER SPECIFICATIONS.
4. ASPHALTIC EXPANSION JOINT (BLDG/COLD JOINT) WHERE CONCRETE POURS ABUT EXISTING CONCRETE AND AT WALKWAY INTERSECTIONS.
5. SUBGRADE PER STRUCTURAL ENGINEER.

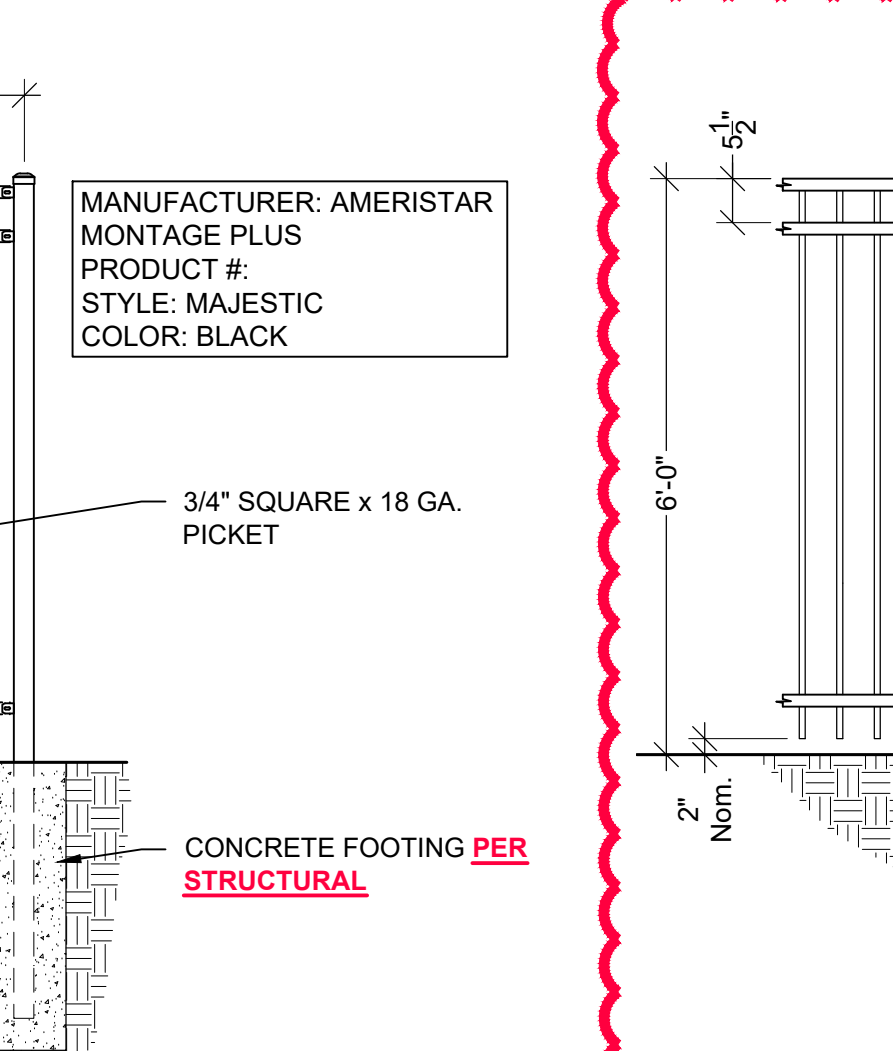
A CONCRETE EXPANSION & SCORE JOINTS
SCALE: 3/8"=1'-0"



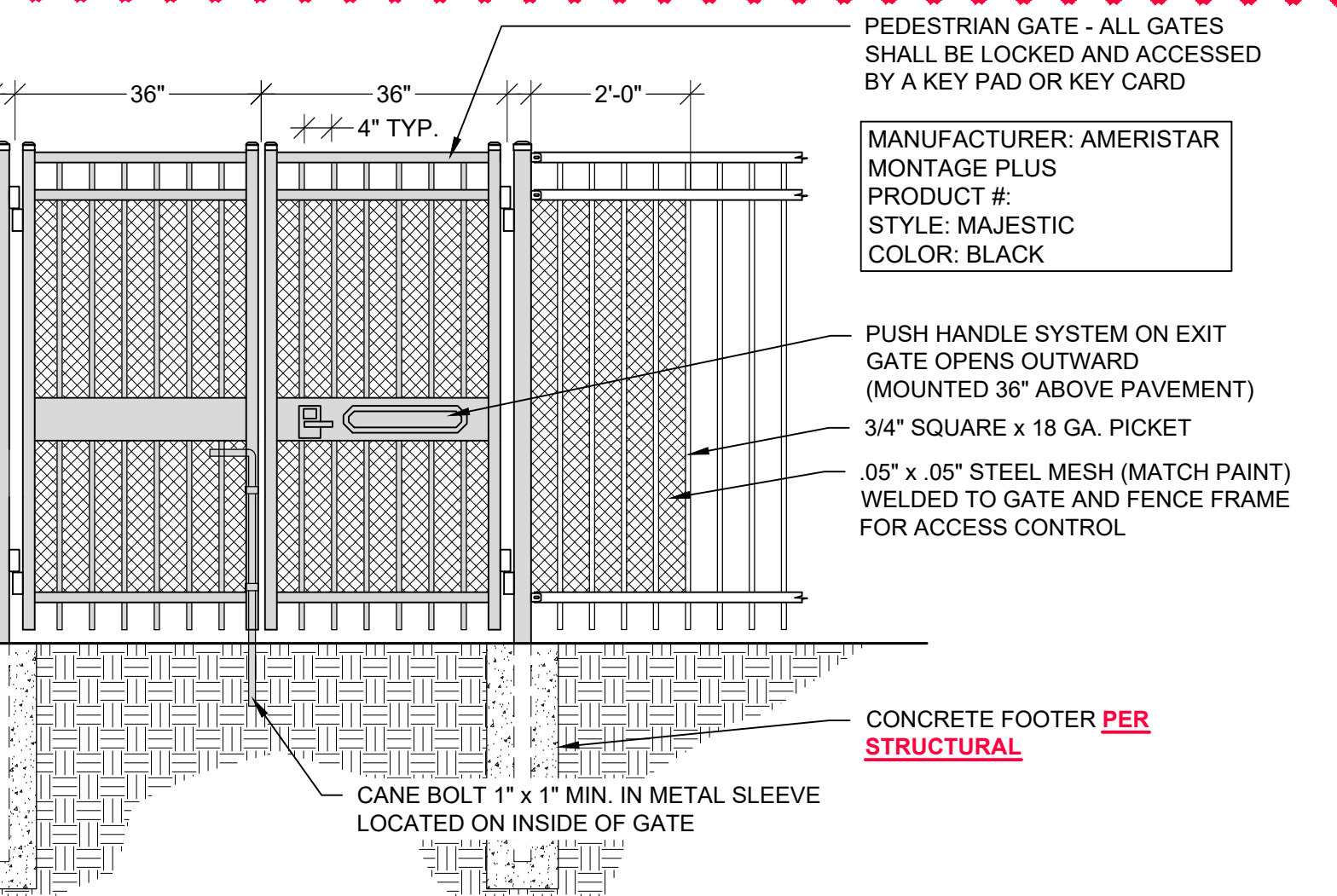
B CONCRETE WALK
SCALE: 1/2"=1'-0"



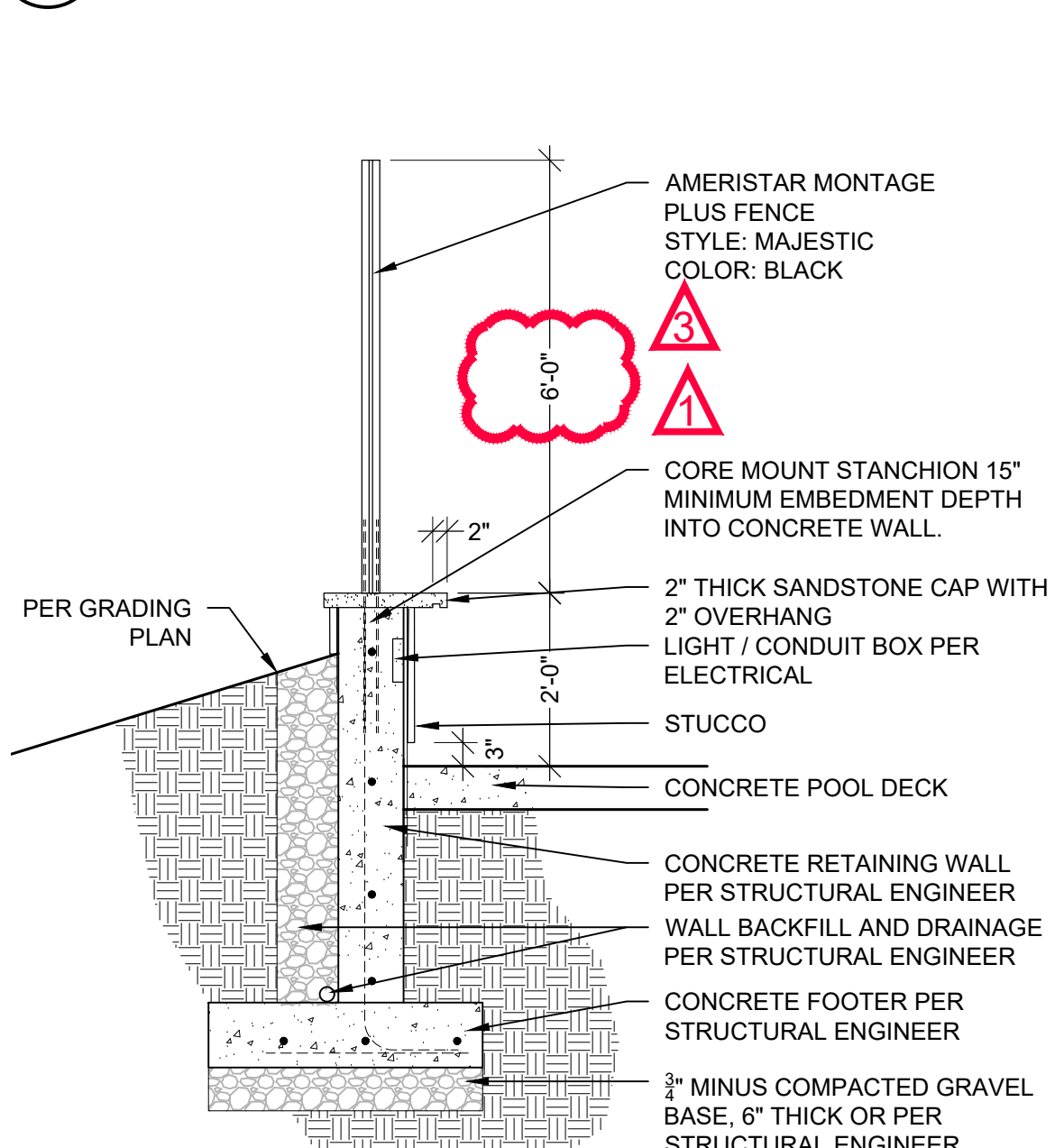
C WHEEL STOP @ ACCESSIBLE SPACES
SCALE: N.T.S.



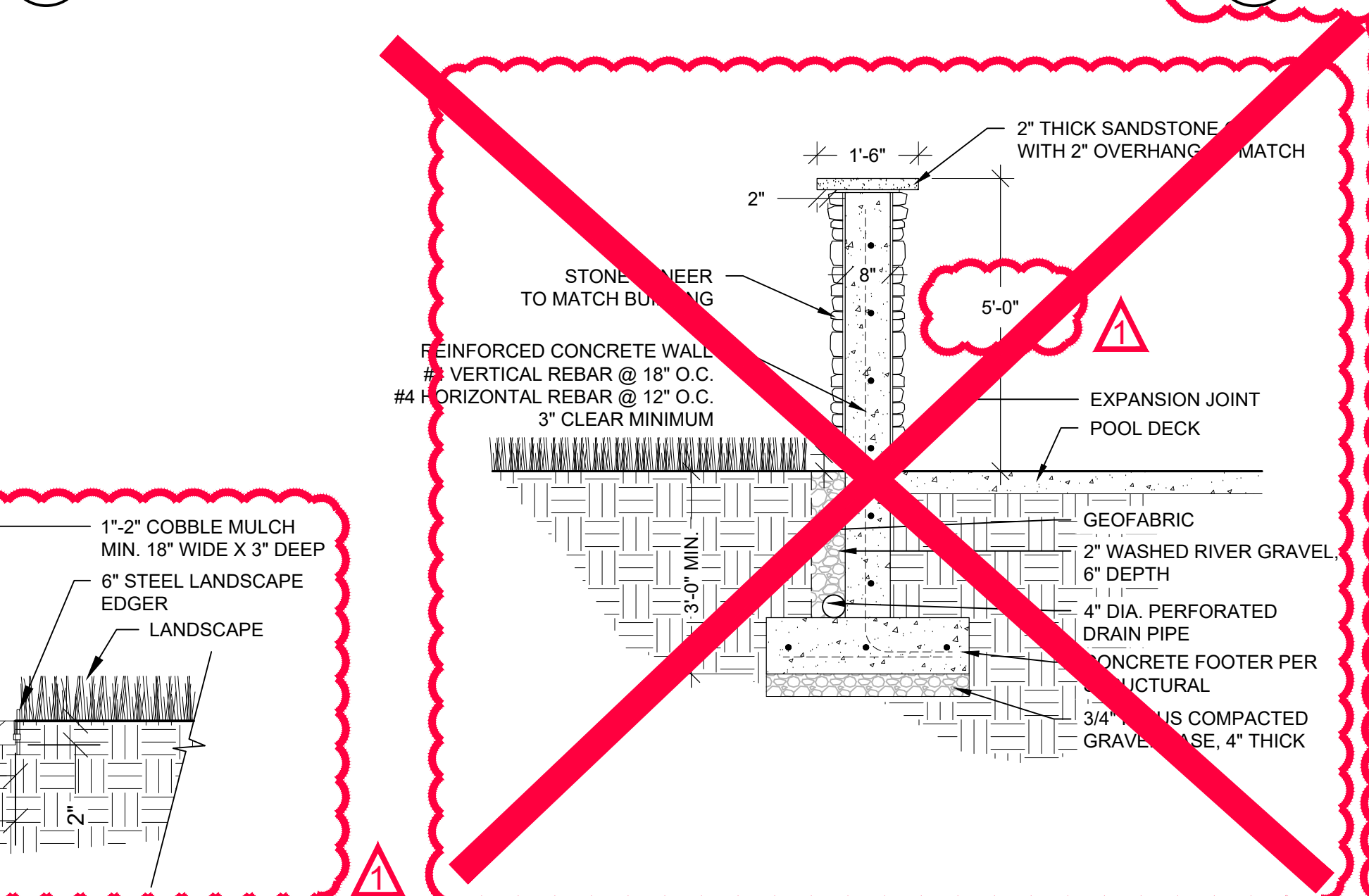
D NO PARKING SIGN @ FIRE LANE
SCALE: N.T.S.



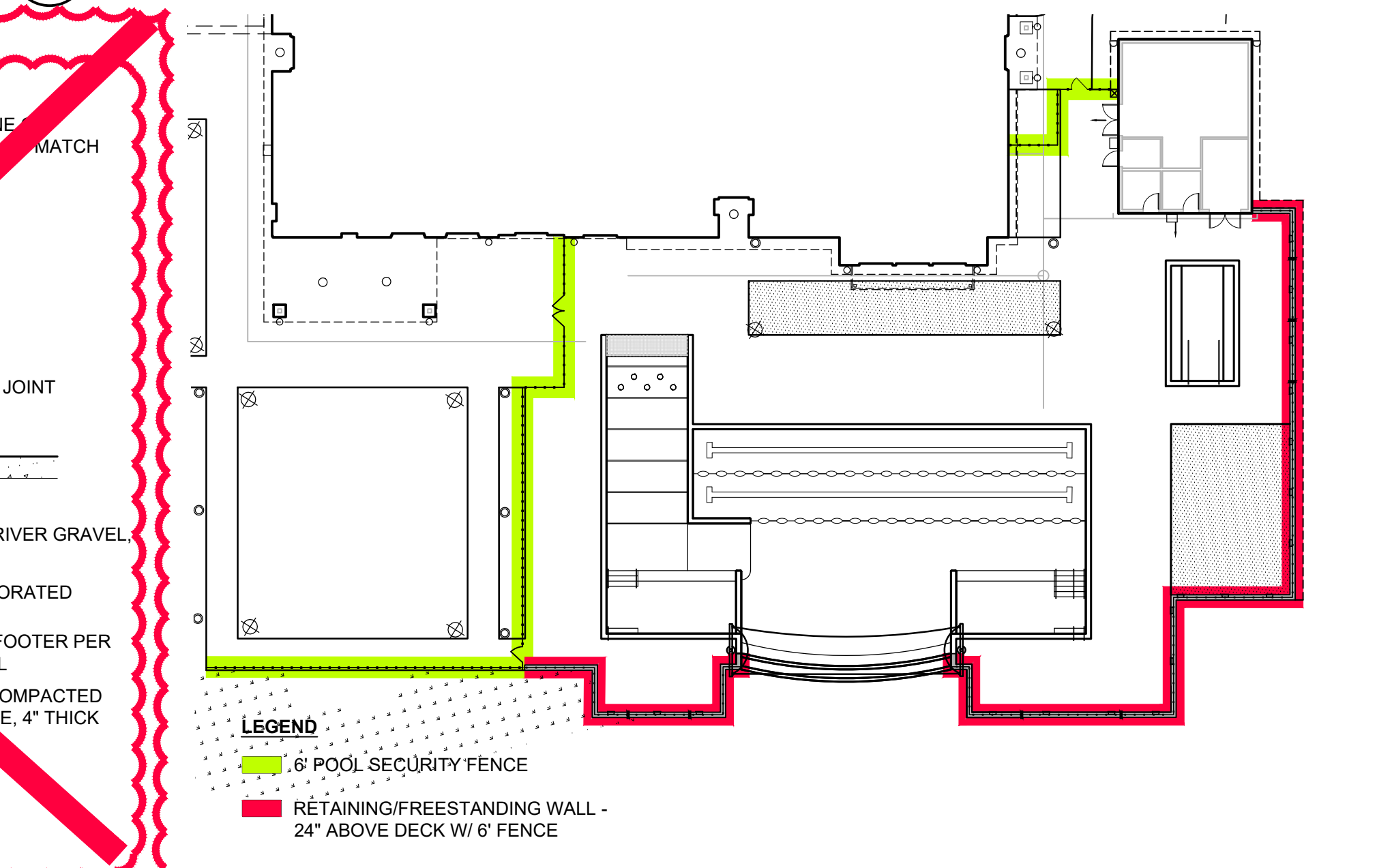
E POOL SECURITY FENCE W/ SINGLE GATE
SCALE: 1/2"=1'-0"



F POOL SECURITY FENCE
SCALE: 1/2"=1'-0"



G POOL SECURITY FENCE W/ DOUBLE GATE
SCALE: 1/2"=1'-0"



H RETAINING WALL W/ FENCE @ POOL
SCALE: 1/2"=1'-0"



I MAINTENANCE STRIP @ FENCE
SCALE: 1"=1'-0"



J NOT USED
SCALE: NA



K FENCE LOCATION PLAN
SCALE: NOT TO SCALE



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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
DETAILS: SITE

PROFESSIONAL STAMP

PROJECT #:	171053
DRAWN BY:	LAI
CHECKED BY:	JC
ISSUE RECORD	
CSP #1	09/21/2018
CSP #2	06/11/2019
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CSP #4	09/26/2019
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1



3

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

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



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AMENDMENT #3	12/01/2021

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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE 2018-6053-00



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CONTEXTUAL SITE PLAN
DETAILS: SITE

PROFESSIONAL STAMP

PROJECT #: 171053
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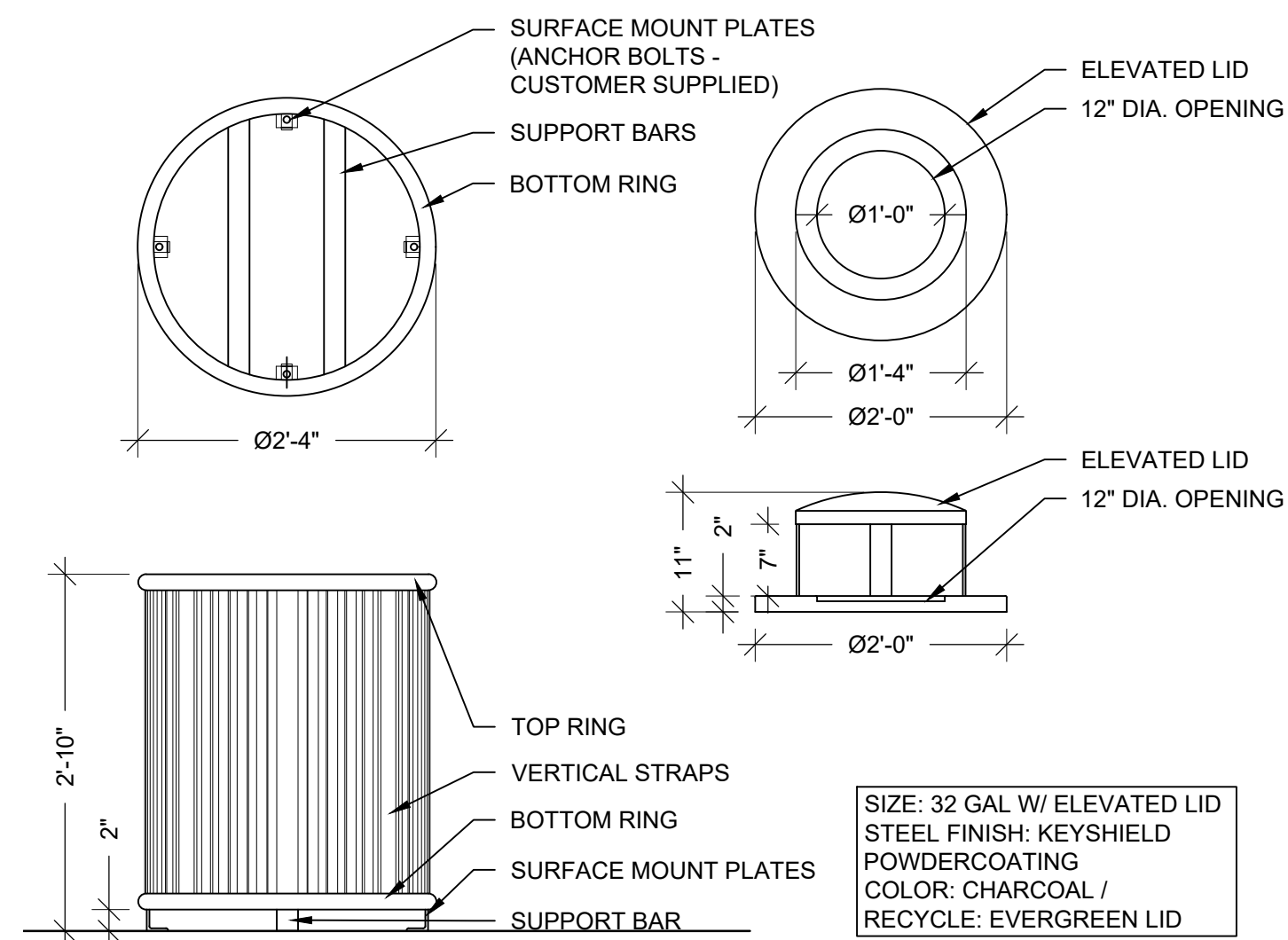
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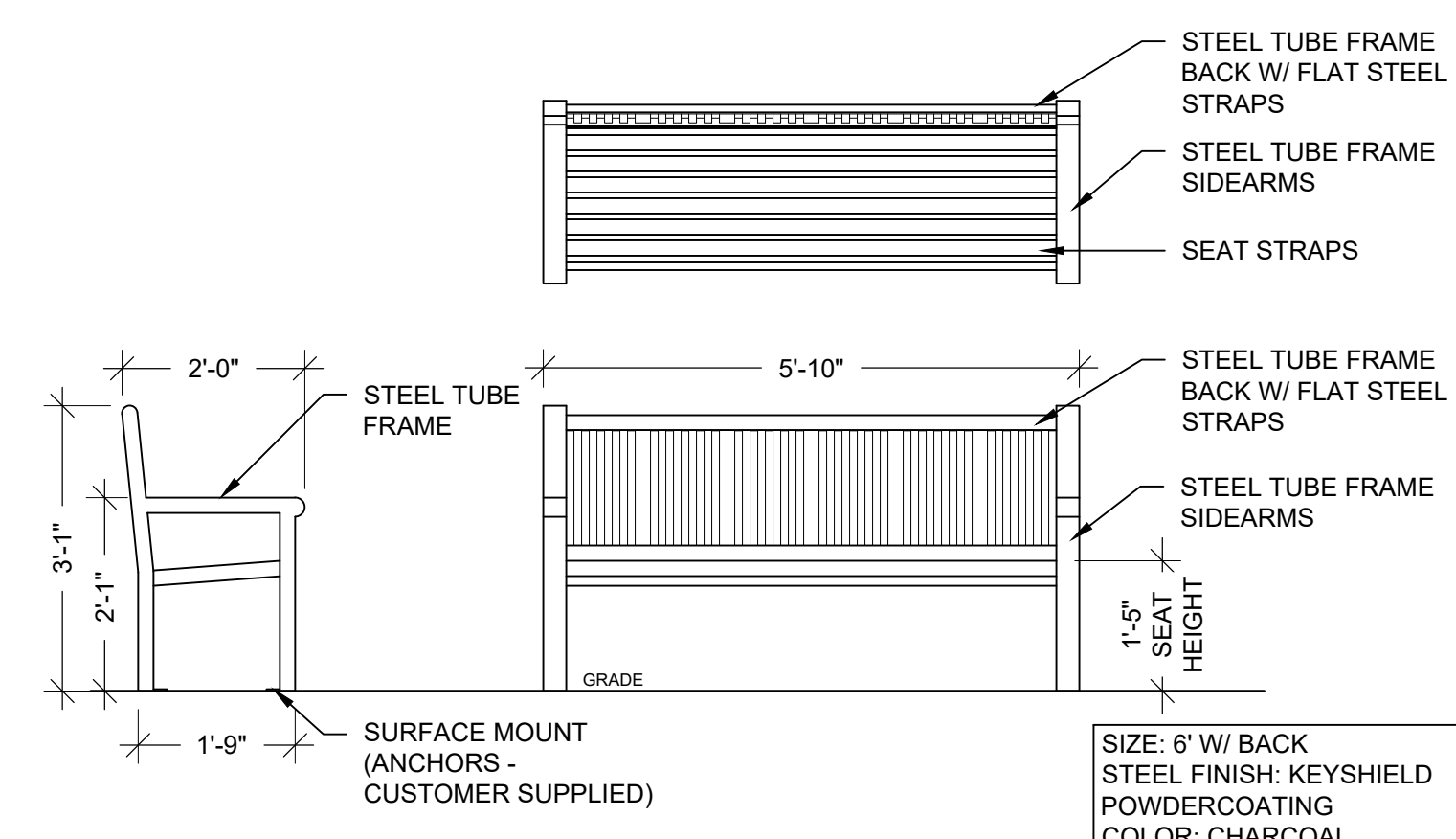
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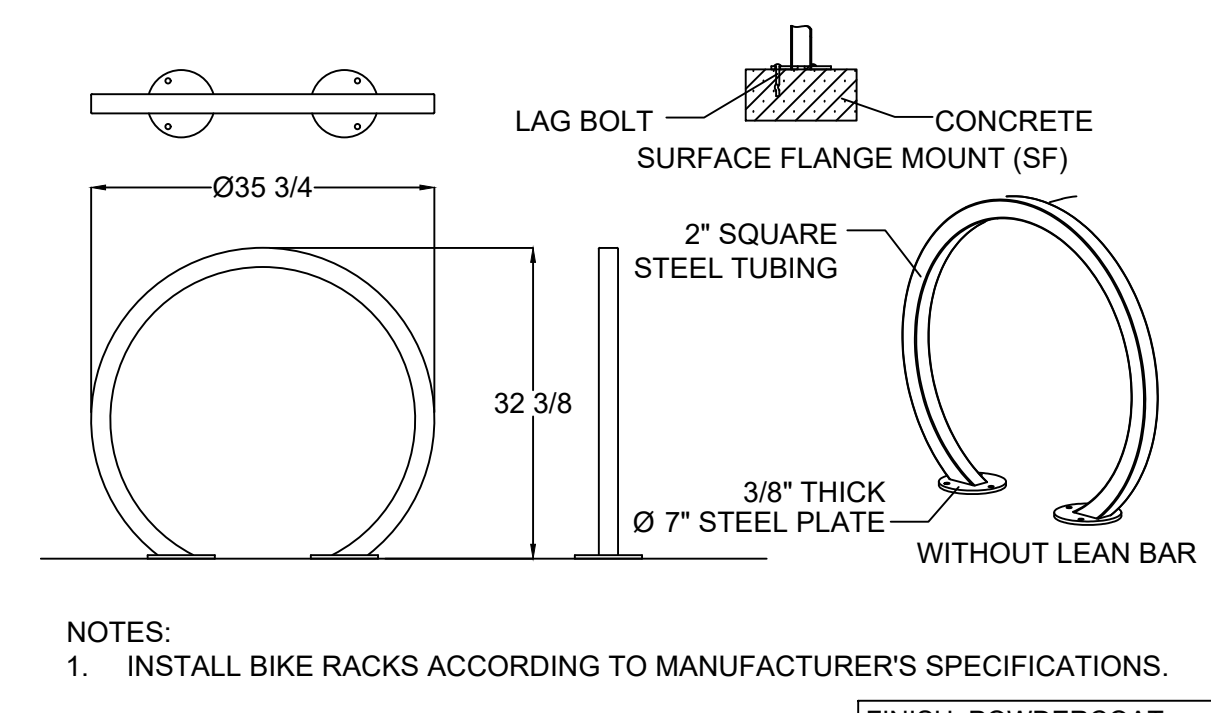
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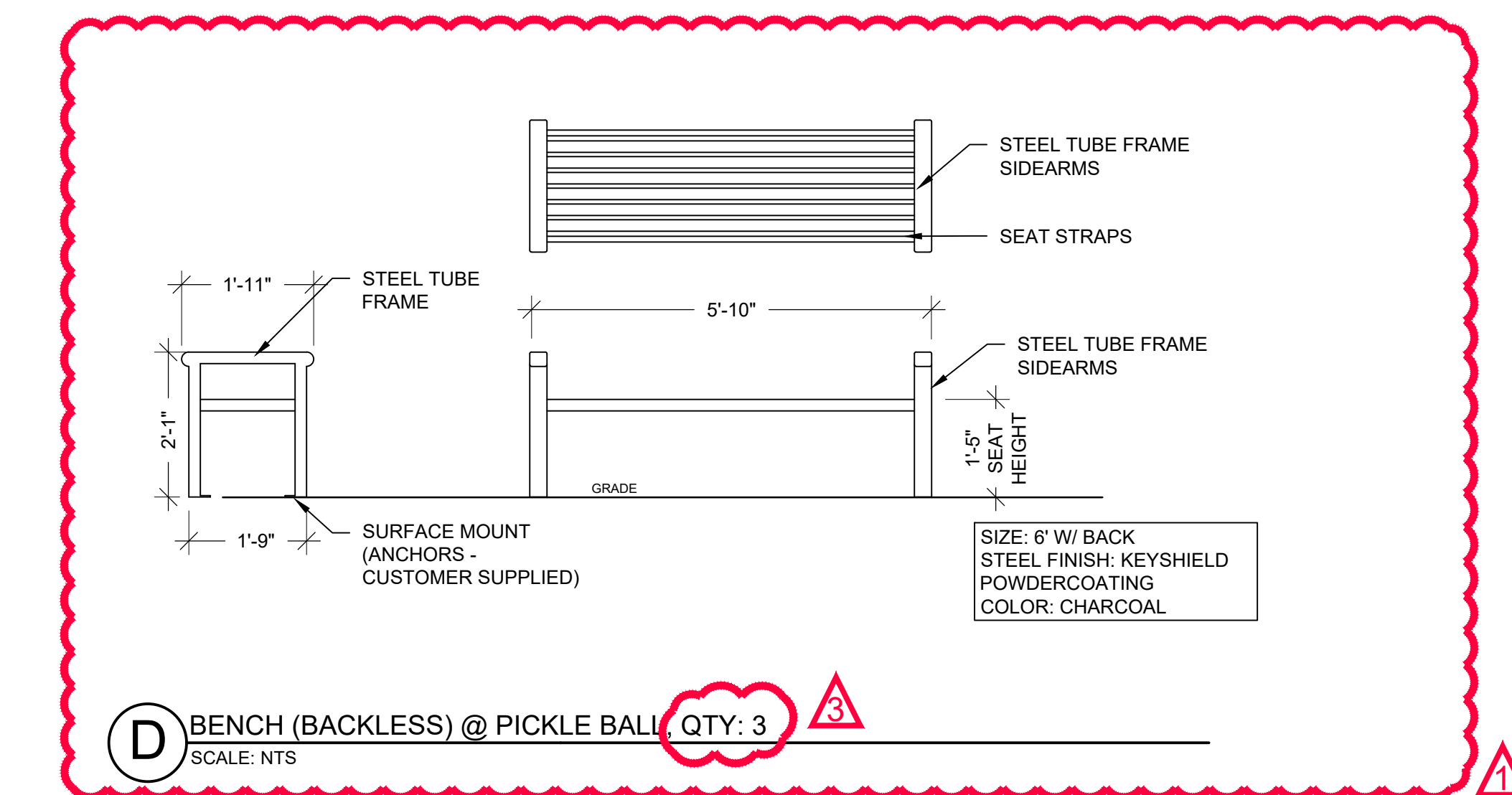
A TRASH/RECYCLE RECEPTACLE, QTY: 15 EACH
SCALE: NTS



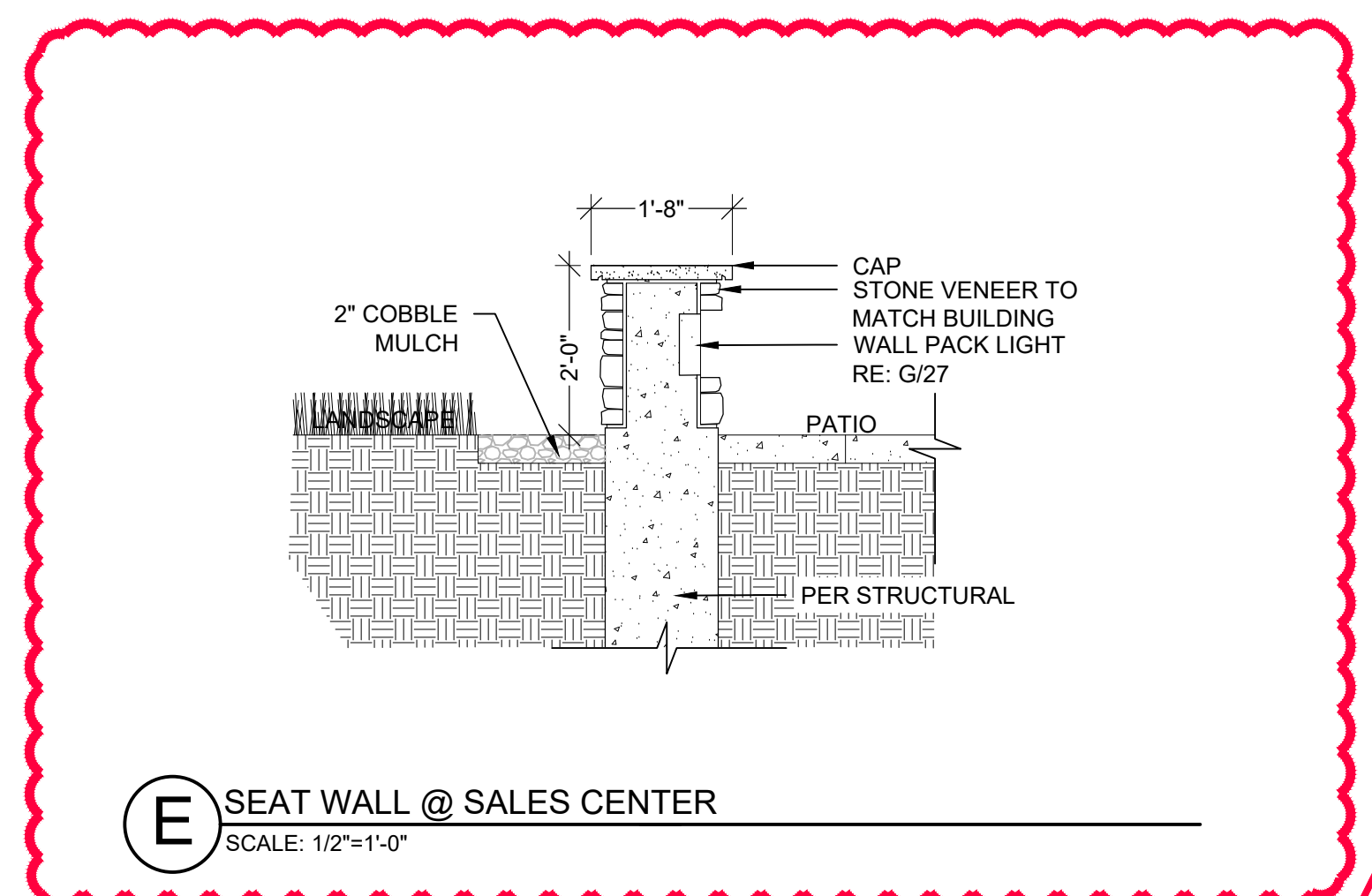
B BENCH (BACKED), QTY: 11
SCALE: NTS



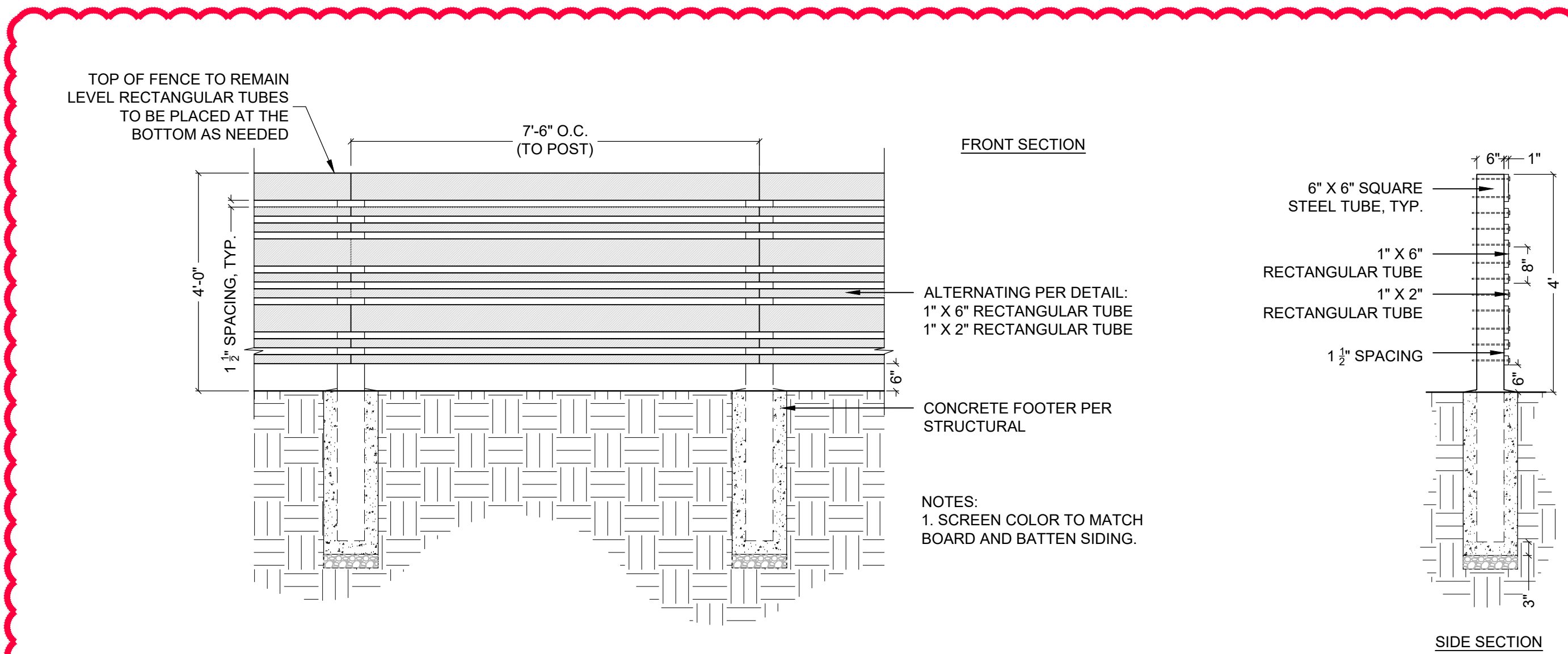
C BIKE RACK, QTY: 5
SCALE: NTS



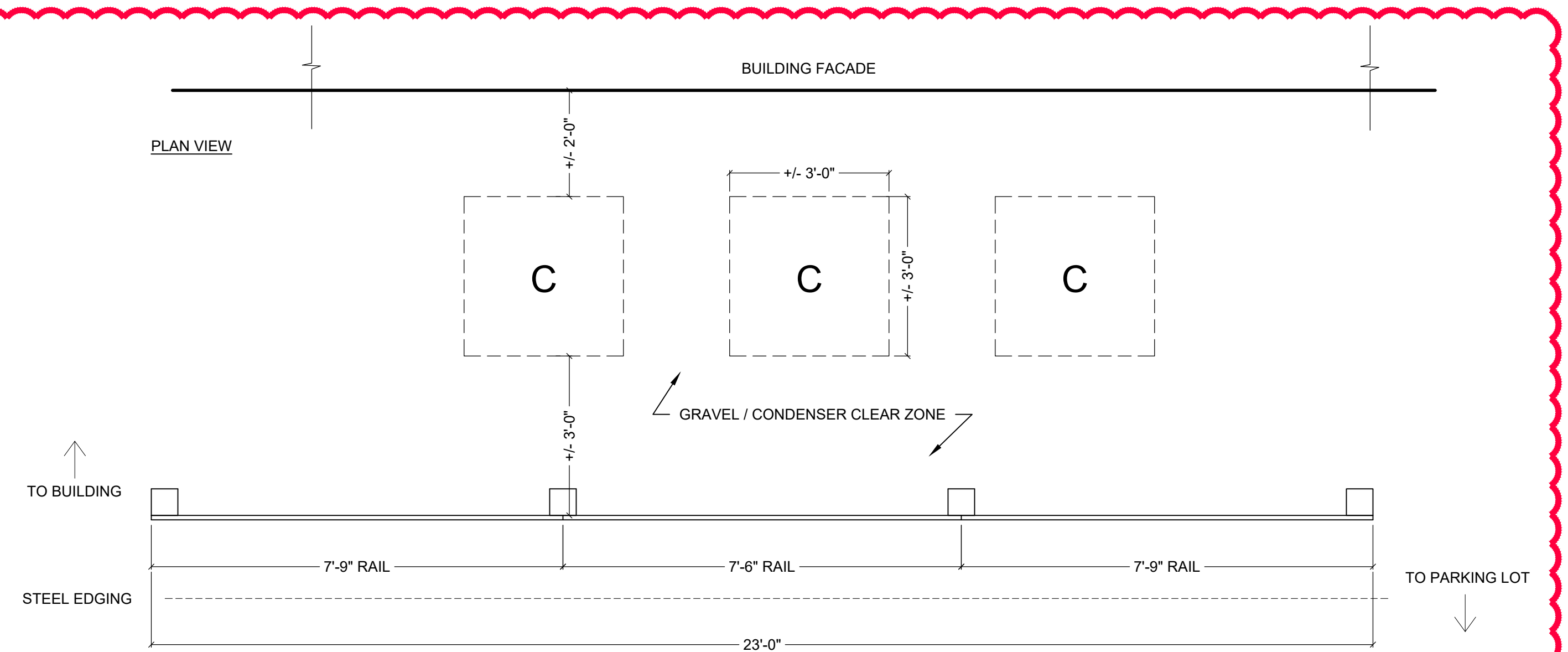
D BENCH (BACKLESS) @ PICKLE BALL, QTY: 3
SCALE: NTS



E SEAT WALL @ SALES CENTER
SCALE: 1/2"=1'-0"

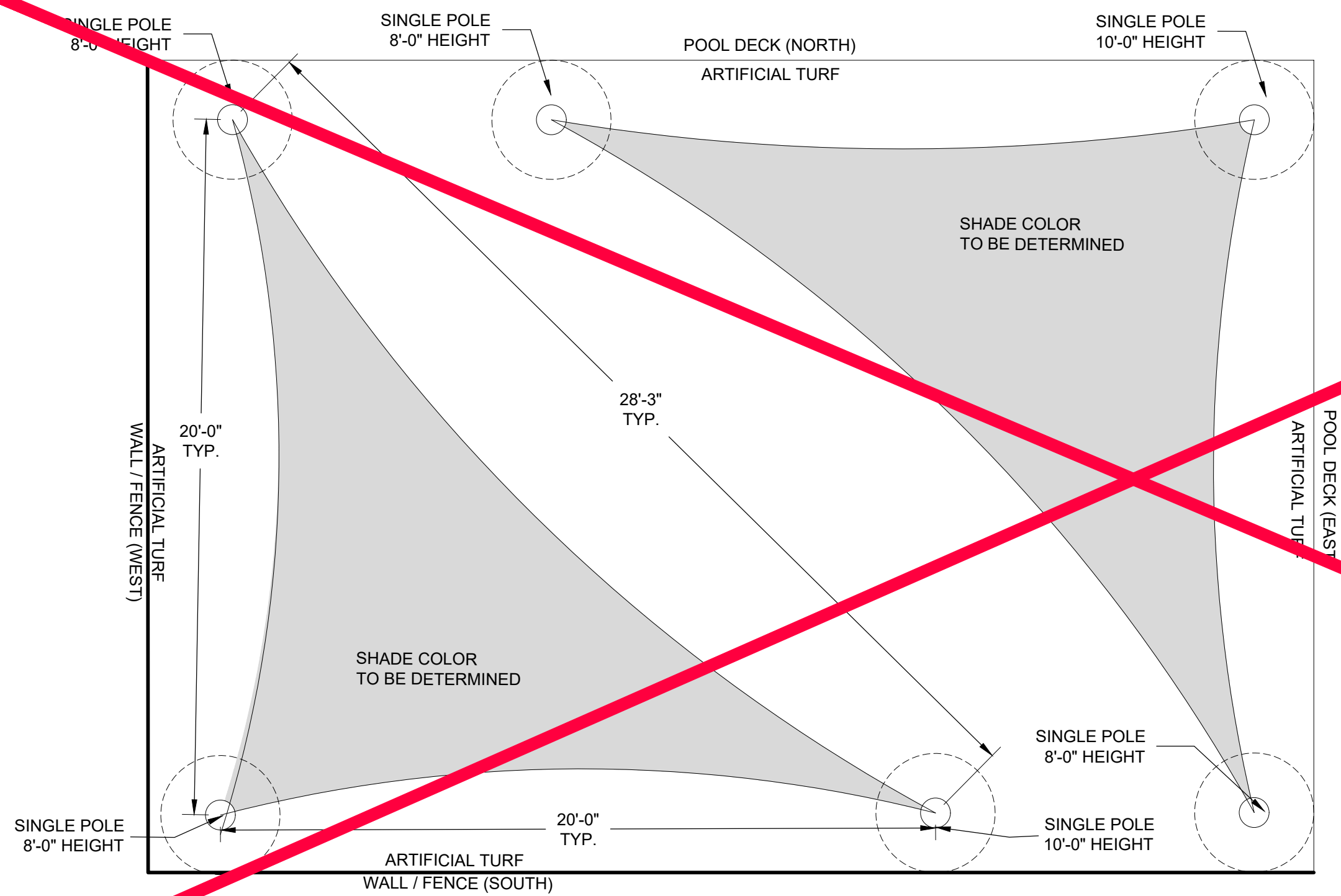
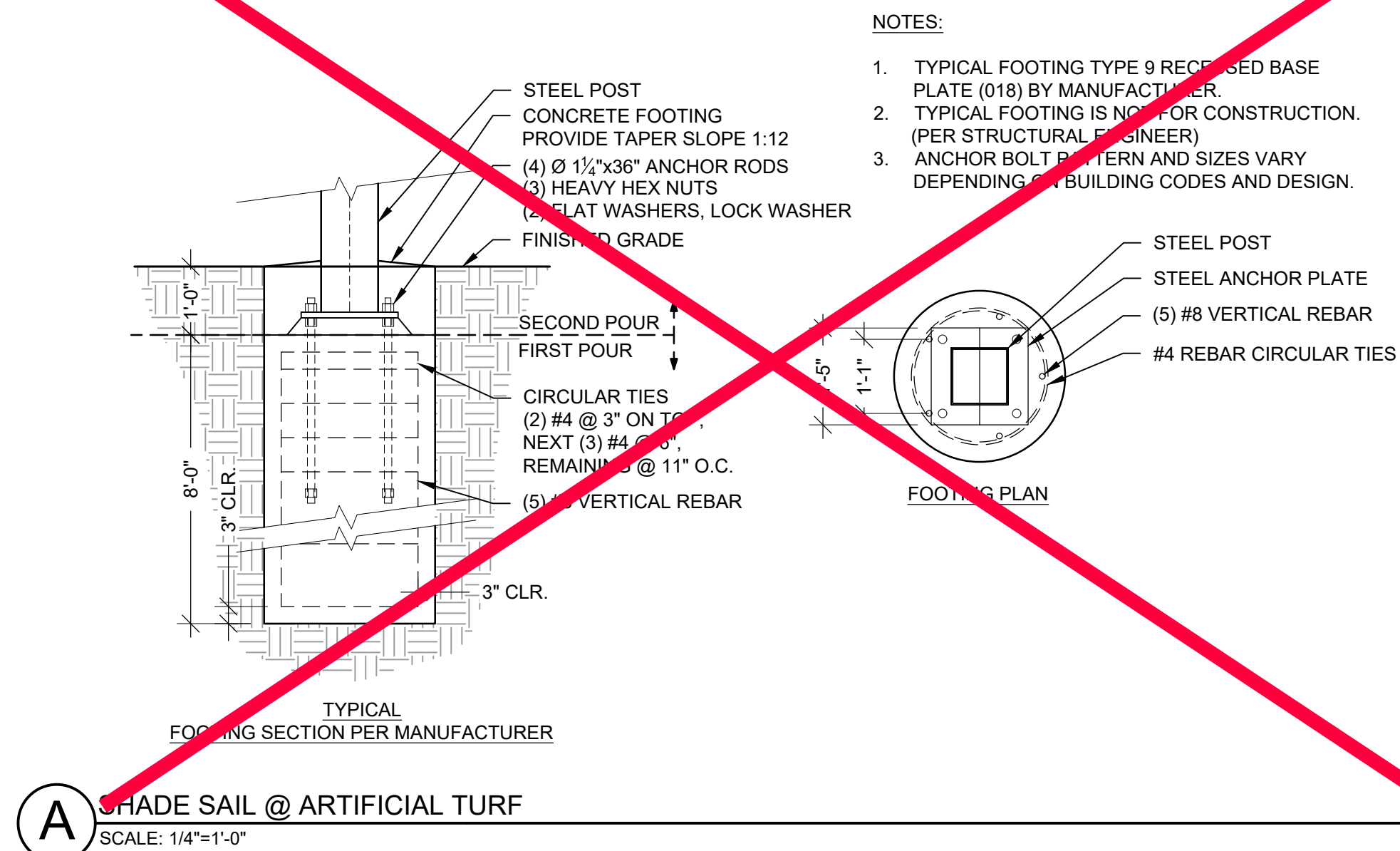


F CONDENSER SCREEN WALL
SCALE: 1/2"=1'-0"

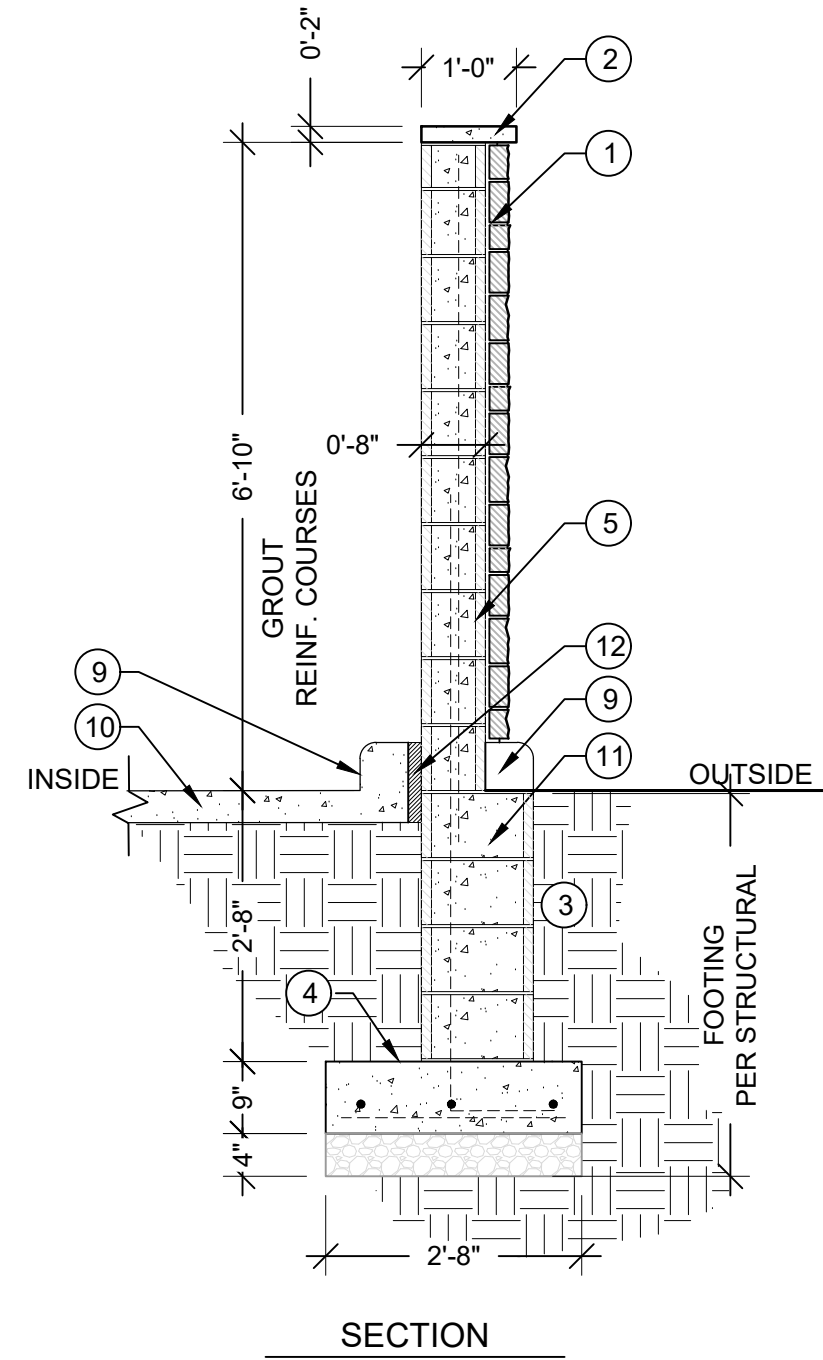
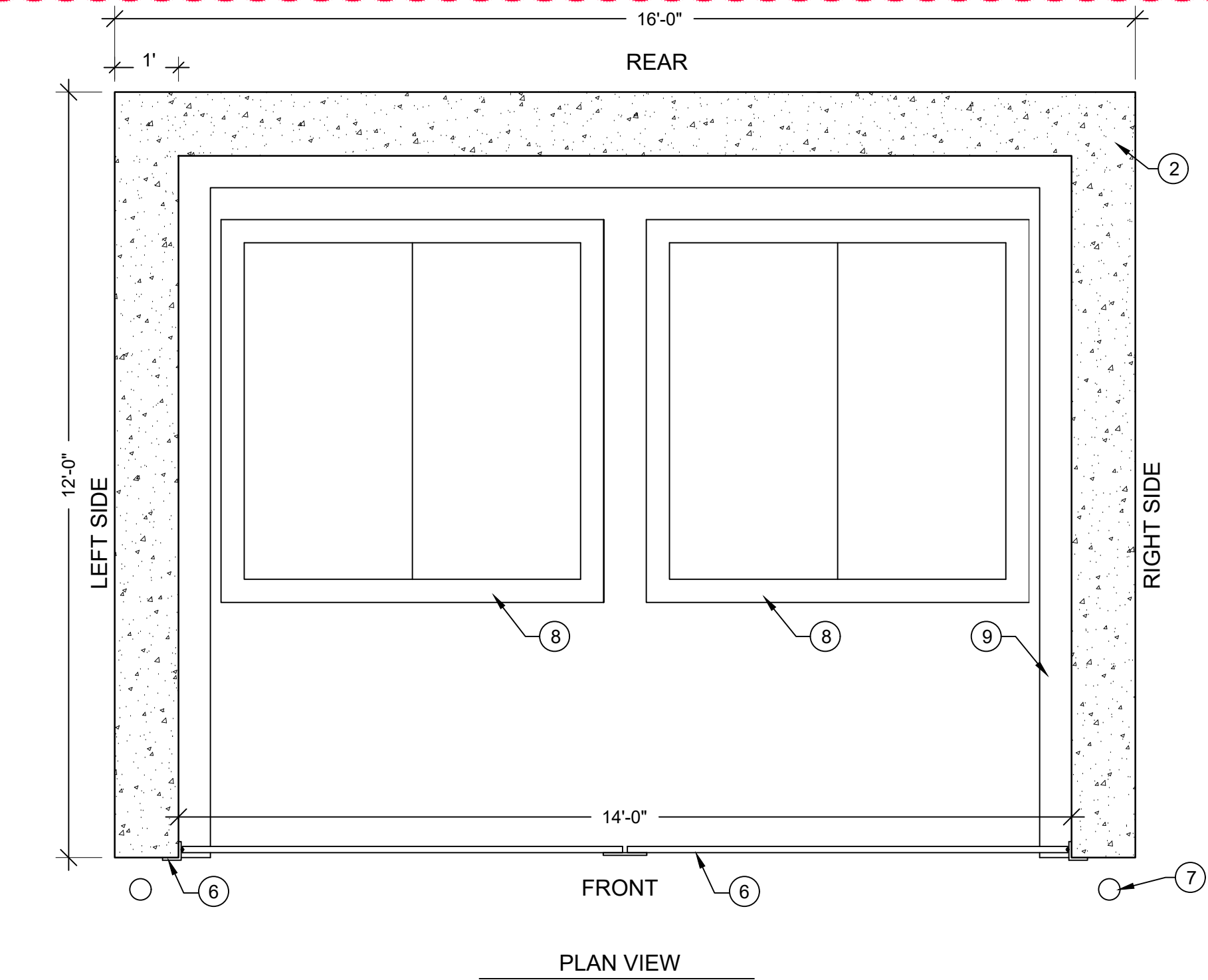


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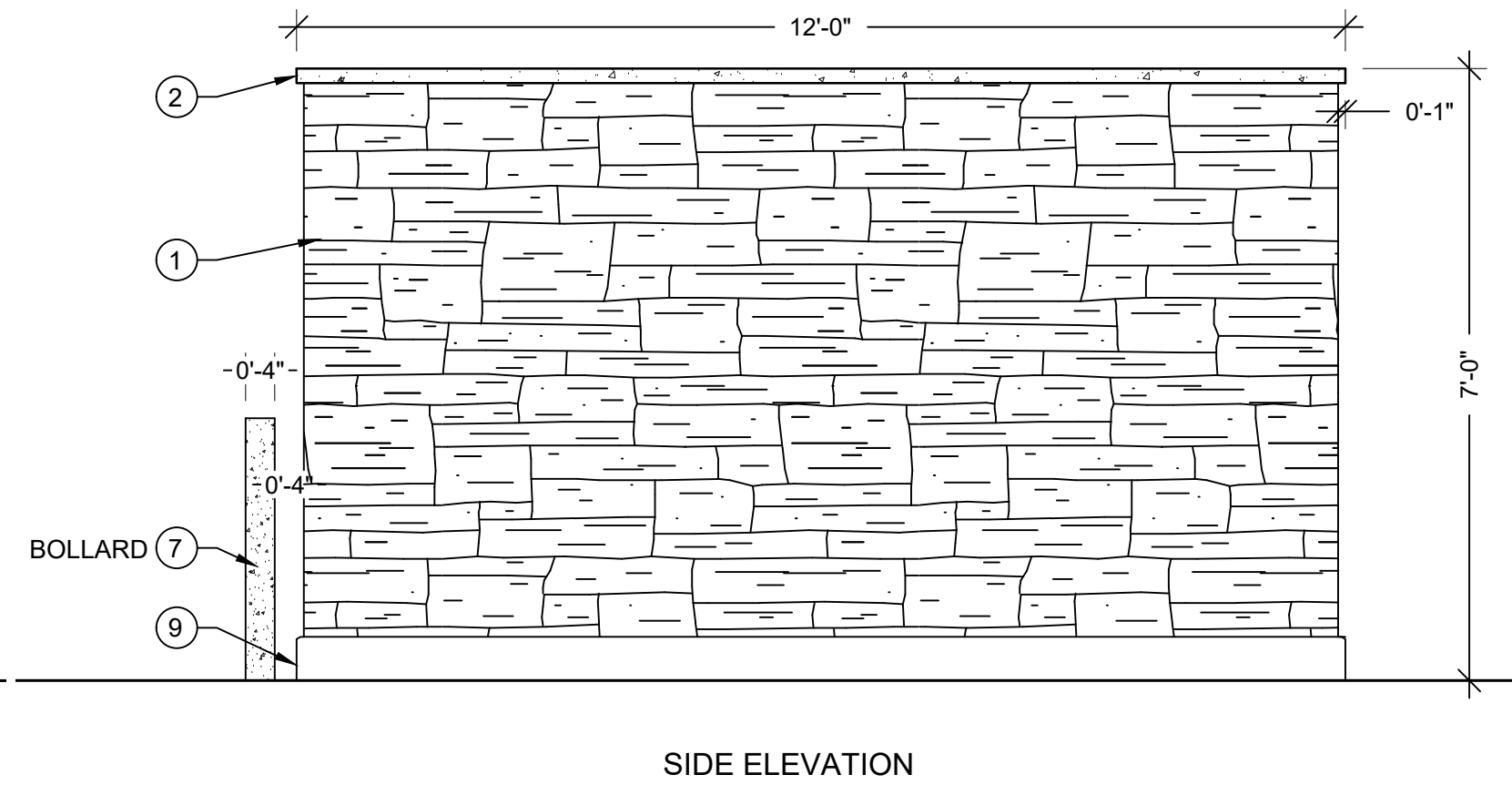
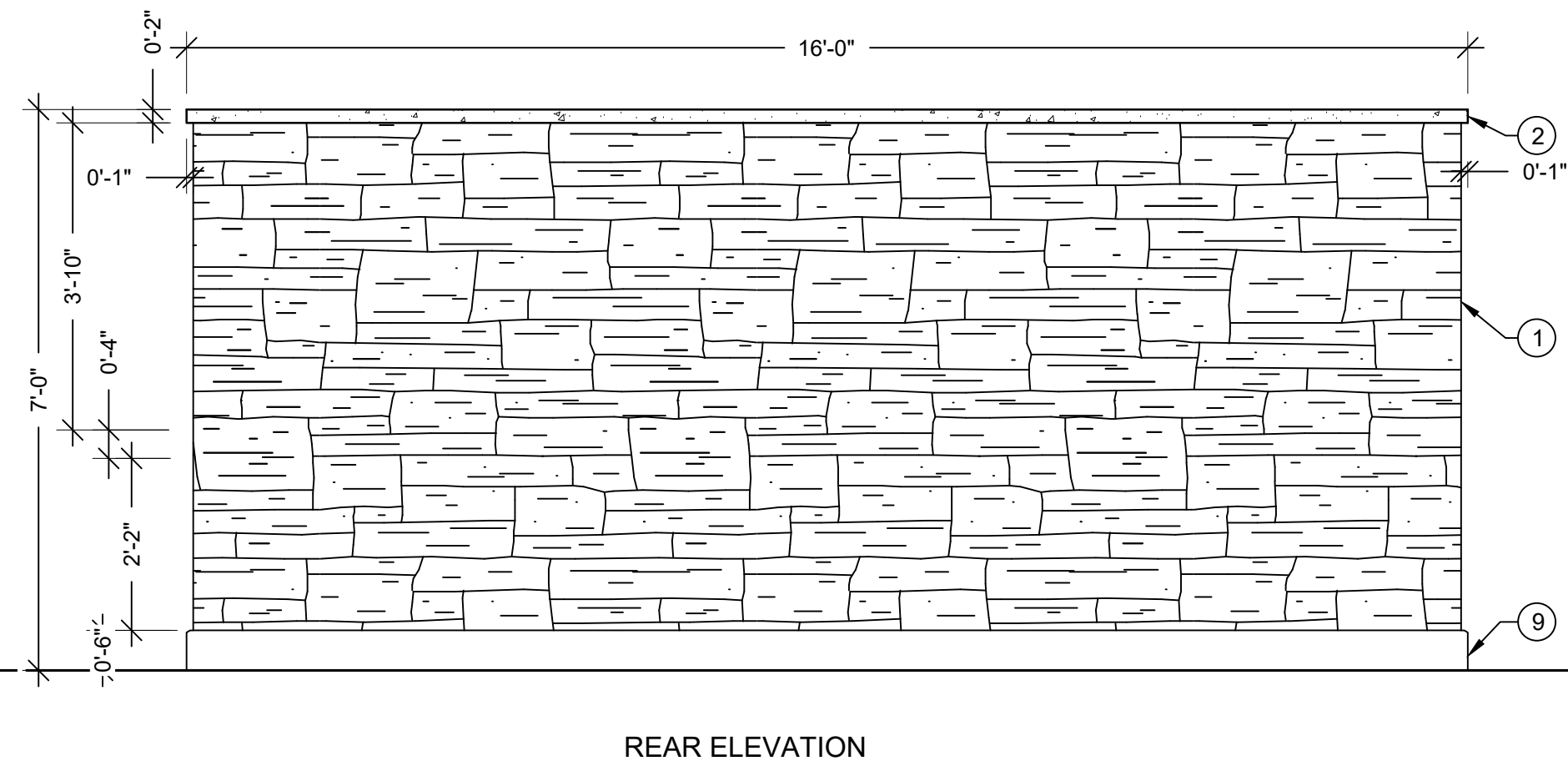
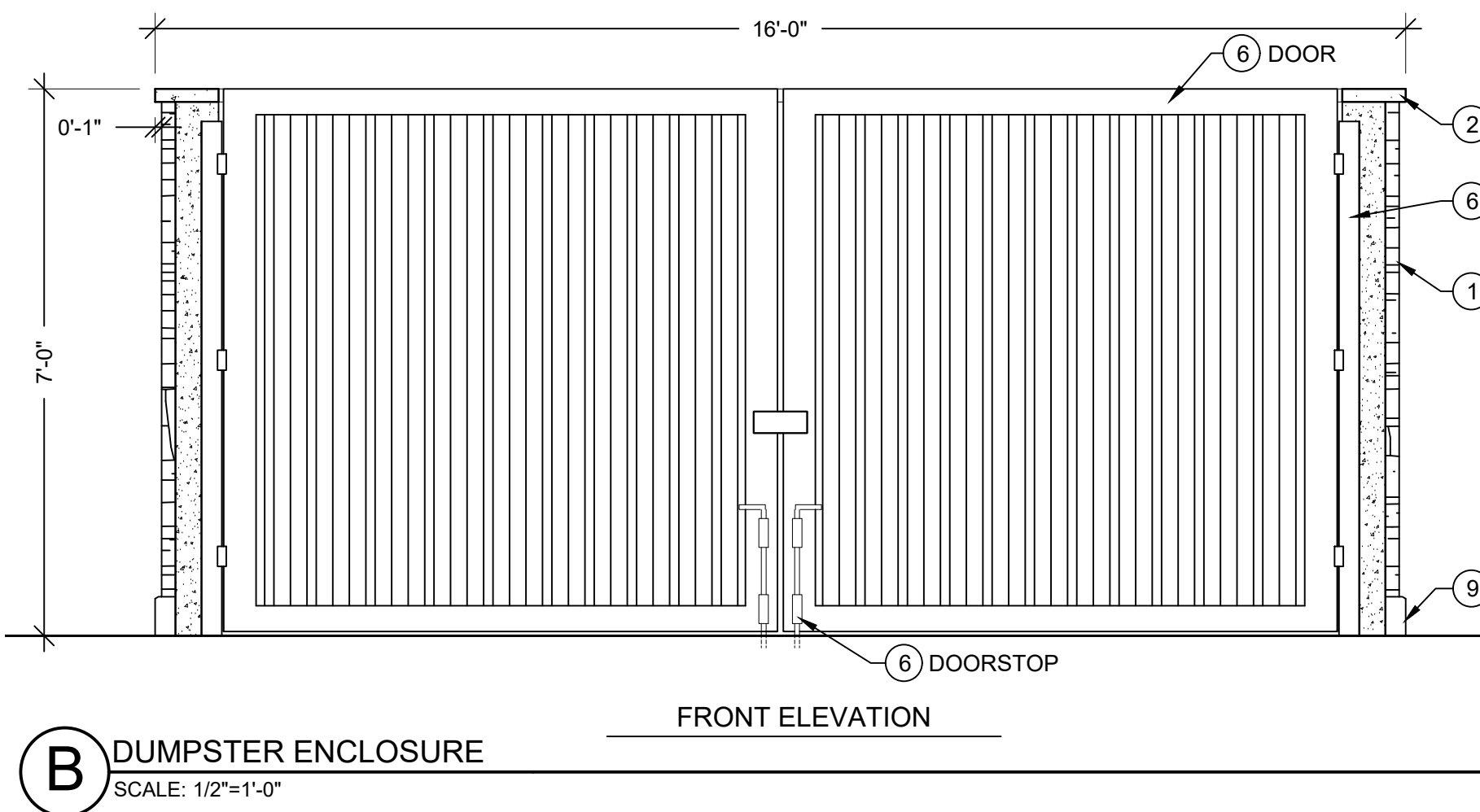
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- NOTES:**
1. FABRIC COLOR TO BE DETERMINED
 2. POLE COLOR TO BE DETERMINED
 3. INSTALLATION OF SHADE SAILS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATION AND WARRANTY QUALIFICATIONS.
 4. WHERE PLAN CALLS FOR TWO SHADES SIDE BY SIDE (AS SHOWN ON PLAN) SHADE SAILS WILL SHARE THE ADJACENT POLE.
 5. FABRIC SHADE SAILS TO BE TAKEN DOWN OCTOBER 1ST THROUGH MAY 1ST EACH YEAR TO MAINTAIN FABRIC STRUCTURE AND QUALITY.
 6. FABRIC HEIGHT CONNECTIONS TO POLES AS SHOWN ON PLAN.
 7. CONTRACTOR TO PROVIDE ENGINEERED SHOP DRAWINGS PRIOR TO INSTALLATION.
 8. VARY POLE HEIGHT 8'-10' PER CONTRACTOR.
 9. SHADE SAIL BY SEPARATE PERMIT.



- NOTES:**
1. STONE VENEER TO MATCH BUILDING.
 2. PRECAST CONCRETE WALL CAP TO MATCH BUILDING.
 3. 95% COMPACTED SUB-GRADE UNDER FOOTINGS AND SLAB INSIDE TRASH ENCLOSURE.
 4. WALL FOOTING PER STRUCTURAL ENGINEER AND GEOTECH REPORT.
 5. 8" X 8" X 16" STANDARD CMU BLOCK WITH GROUT FILL AND 9 GAUGE LADDER TYP.
 6. 4"x4" STEEL ANGLE IRON. ATTACH WITH ANCHOR BOLTS AT 12" O.C. CONSTRUCT RIGID CRIMPED STEEL PANEL INSERT. PROVIDE CLOSURE LATCH AND GROUND DOORS.
 7. STEEL BOLLARD 4" DIAMETER, 36" HEIGHT FILLED WITH CONCRETE IN MIN. 12" DIA. DOORS OF ENCLOSURE.
 8. TYPICAL 6 YARD DUMPSTER.
 9. 6" TALL CONCRETE CURB.
 10. CONCRETE PAD REQUIRED WITHIN TRASH ENCLOSURE AND ADJACENT TO ENCLOSURE.
 11. 14" x 8" x 16" STANDARD CMU BLOCK WITH GROUT FILL AND 9 GAUGE LADDER TYP.
 12. EXPANSION JOINT.



B DUMPSTER ENCLOSURE
SCALE: 1/2"=1'-0"

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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
DETAILS: SITE

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

ISSUE RECORD

CSP #1	09/21/2018
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CSP #4	09/26/2019
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CONTEXTUAL SITE PLAN
DETAILS: PICKLEBALL COURT

PROFESSIONAL STAMP

PROJECT #: 171053
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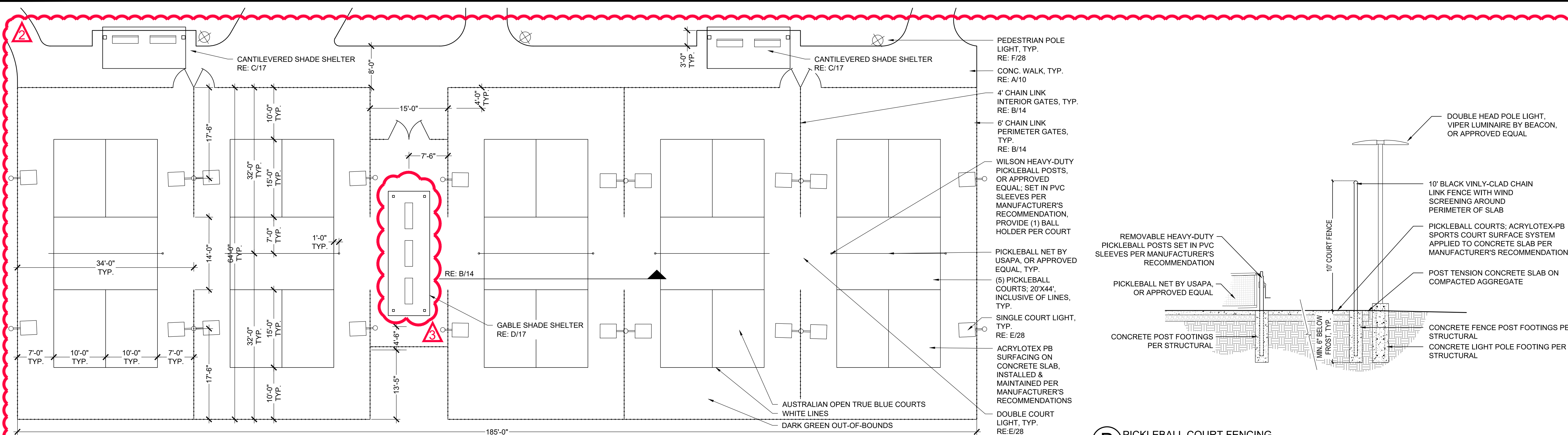
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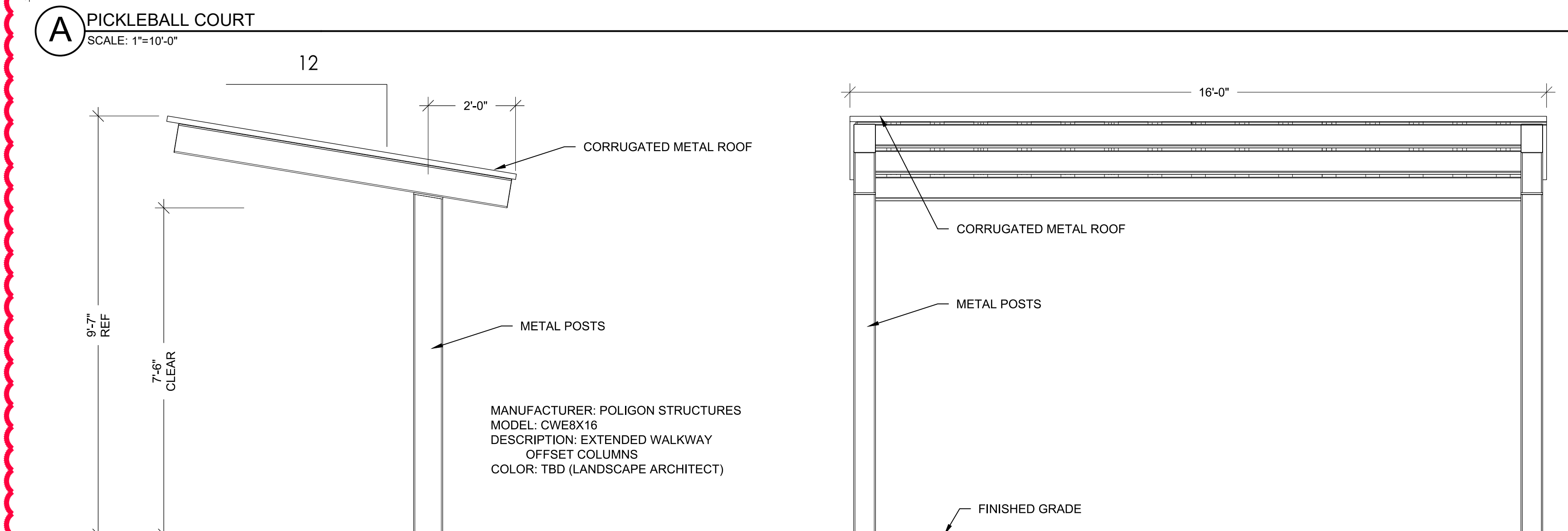
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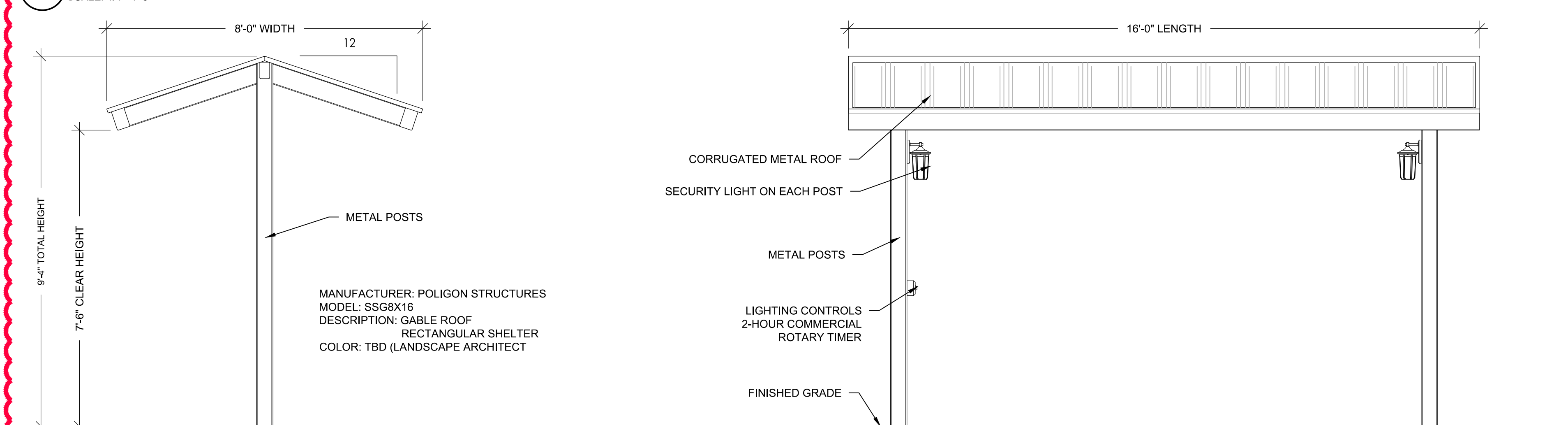
14 OF 28



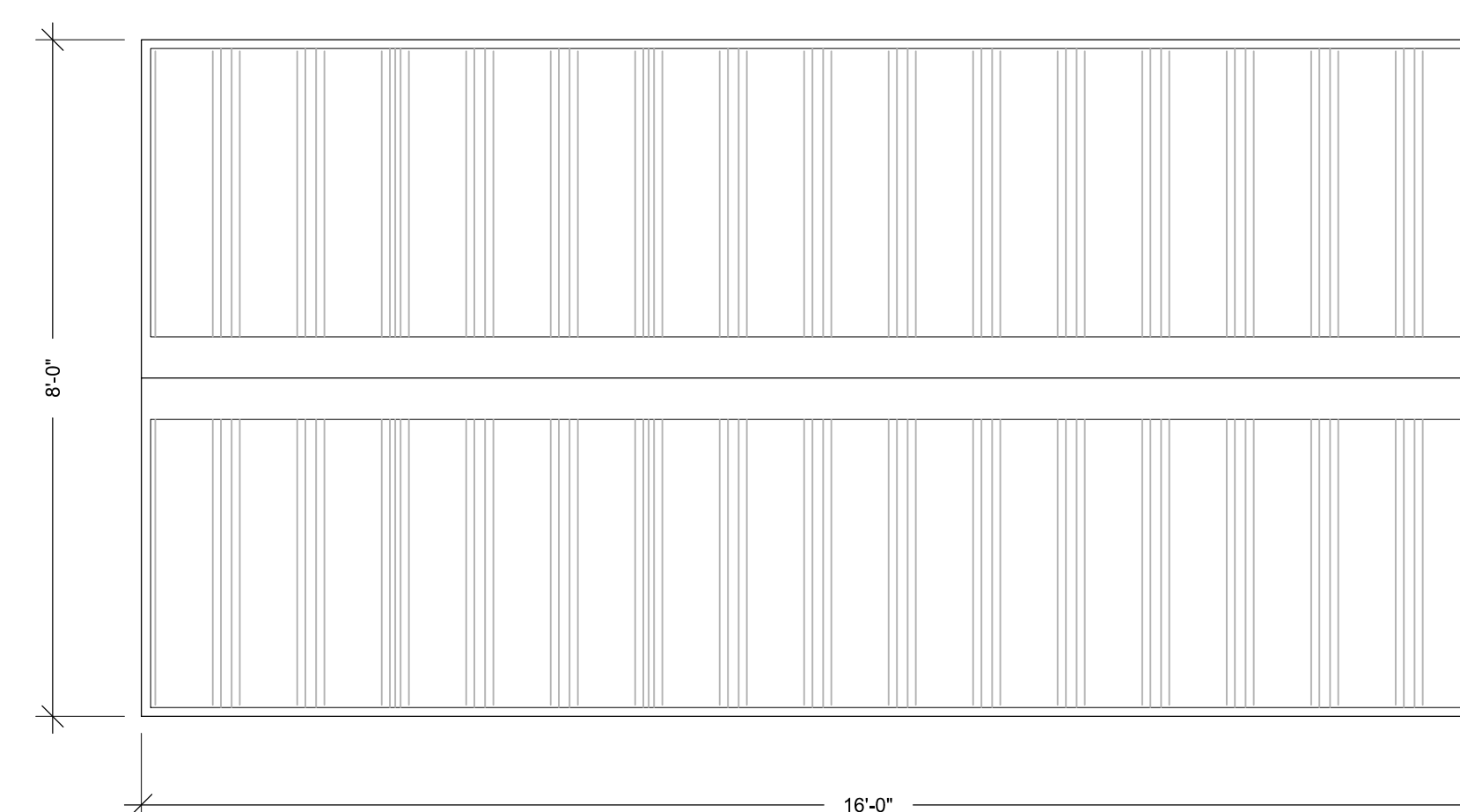
B PICKLEBALL COURT FENCING
SCALE: 1/4"=1'-0"



C CANTILEVERED SHADE SHELTER 8'X16' (2 BACKED BENCHES) QTY:2
SCALE: 1/4"=1'-0"



D GABLE SHADE SHELTER @ PICKLEBALL COURTS (4 FLAT BENCHES) QTY:1
SCALE: 1/4"=1'-0"



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CONTEXTUAL SITE PLAN
DETAILS: BOCCE COURT

PROFESSIONAL STAMP

PROJECT #: 171053
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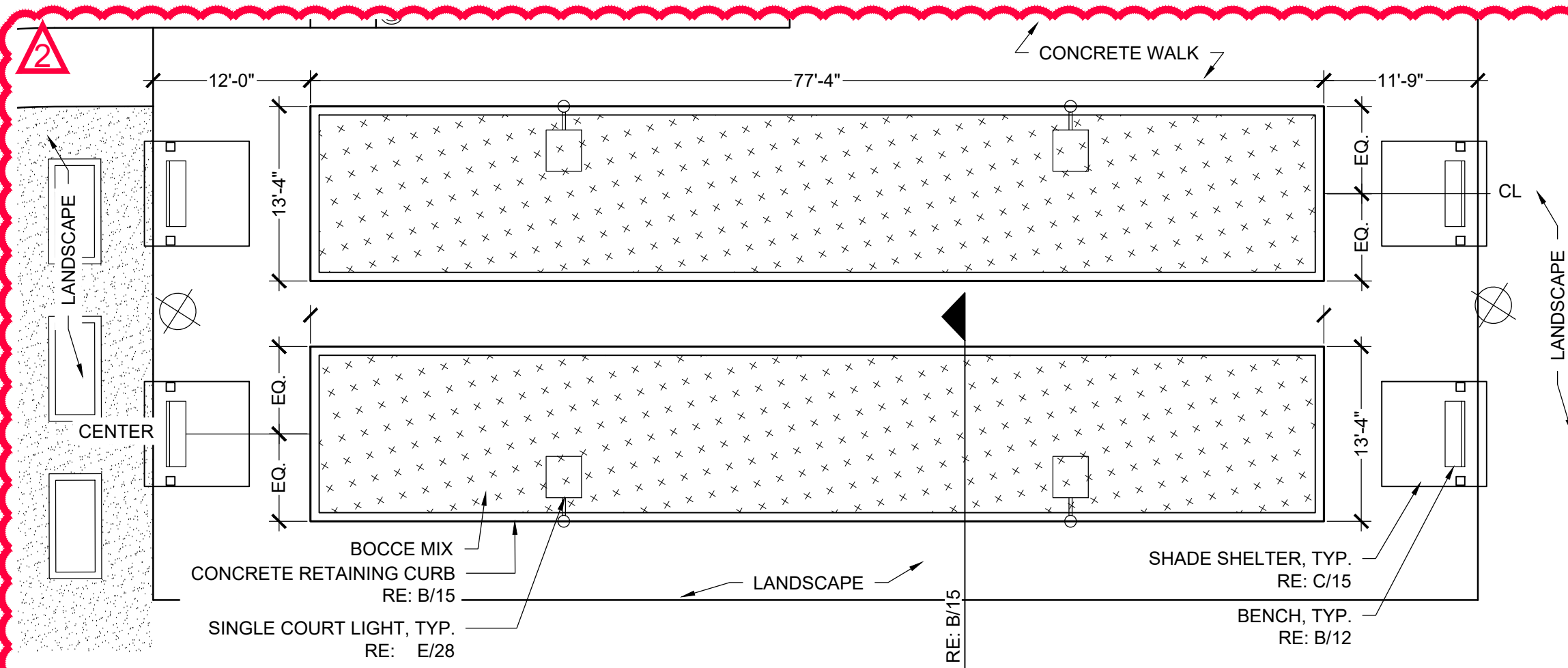
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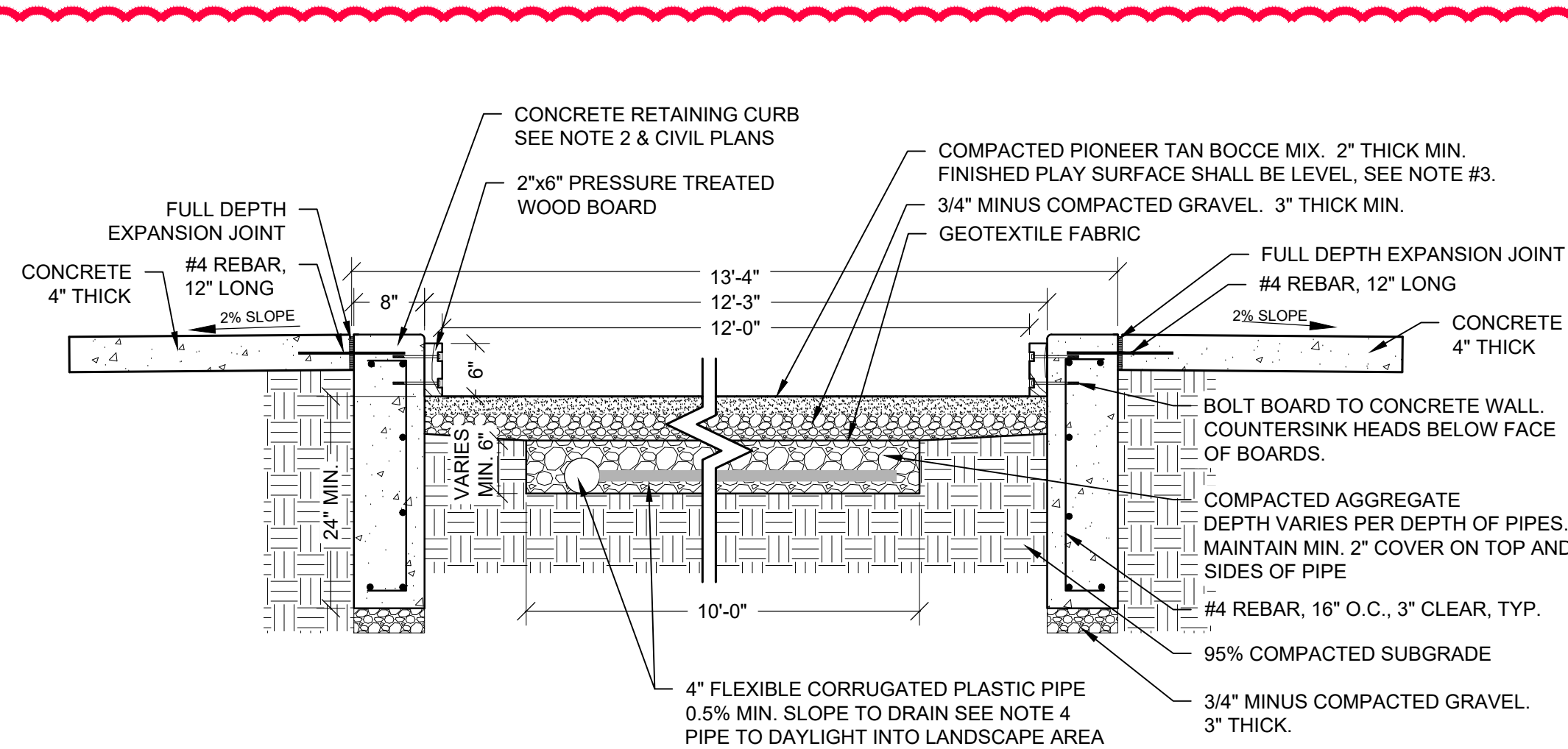
15

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A BOCCE COURTS - PLAN

SCALE: 1"=10'-0"

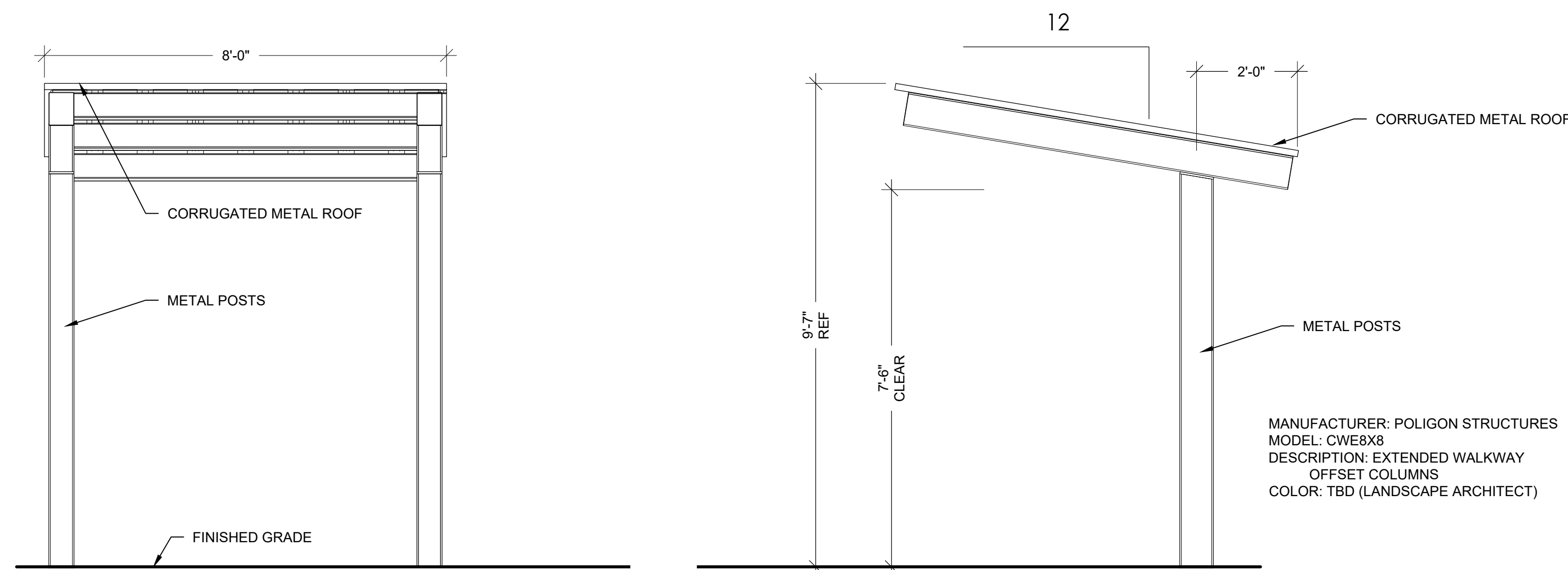


B BOCCE COURT - SECTION

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

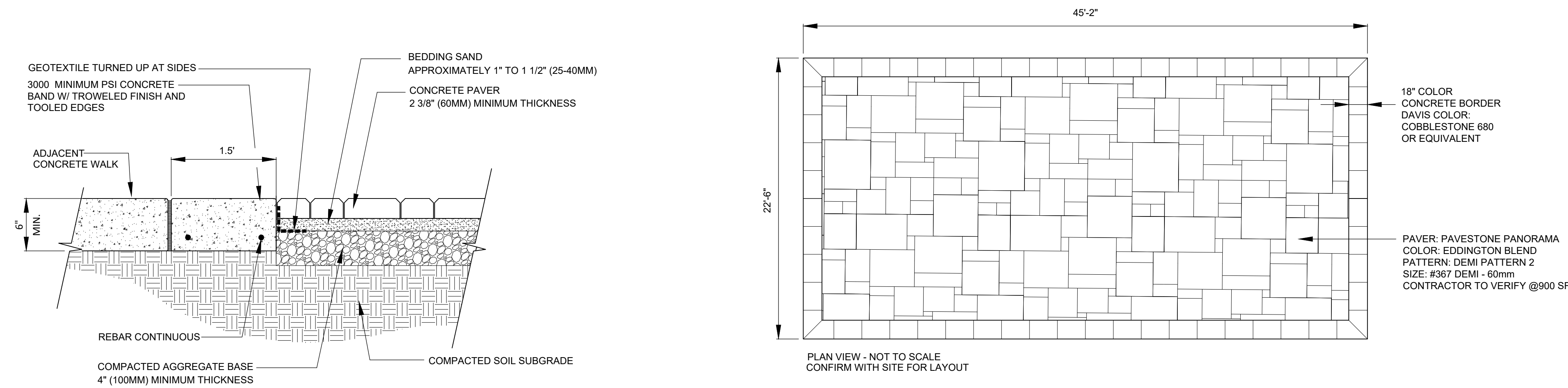
NOTES

1. BOCCE COURT MIX AVAILABLE THROUGH PIONEER SAND & GRAVEL. PHONE: (866) 600-0652. ANY SUBSTITUTIONS TO BE SUBMITTED TO AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
2. TOP OF CONCRETE CURB AROUND THE PERIMETER OF THE BOCCE COURT SHALL BE SET AT A SINGLE ELEVATION (LEVEL).
3. PLAY SURFACE SHALL BE LEVEL IN ALL DIRECTIONS.
4. DRAIN PIPE TO BE SLOPED FOR PROPER DRAINAGE, DEPTH FROM PLAY SURFACE WILL VARY.



C CANTILEVERED SHADE STRUCTURE @ BOCCE, QTY: 4

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



D SALES CENTER PATIO DETAIL

SCALE: NOT TO SCALE

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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE 2018-6053-00





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DETAILS: POOL

PROFESSIONAL STAMP

PROJECT #: 171053
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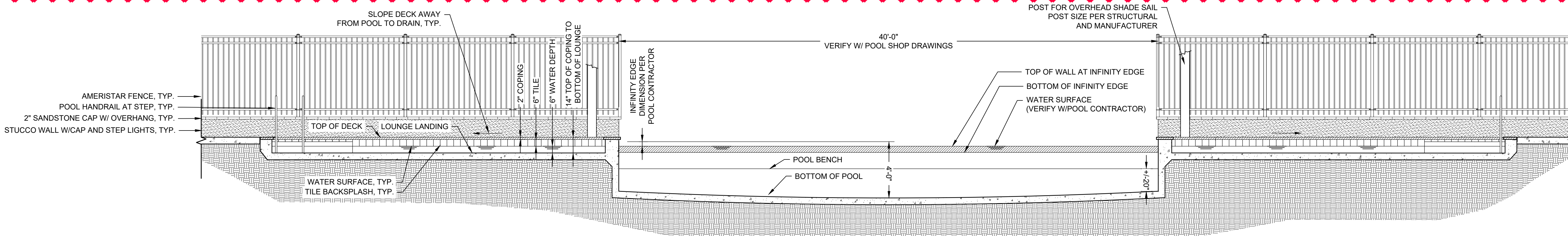
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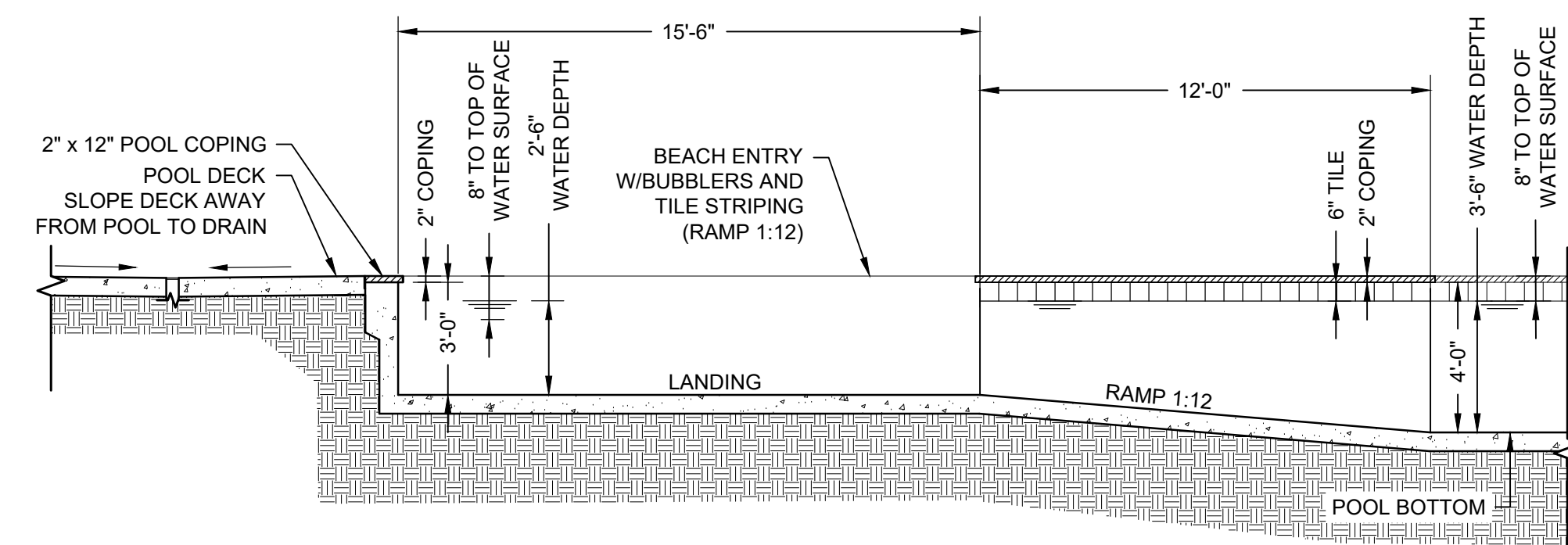
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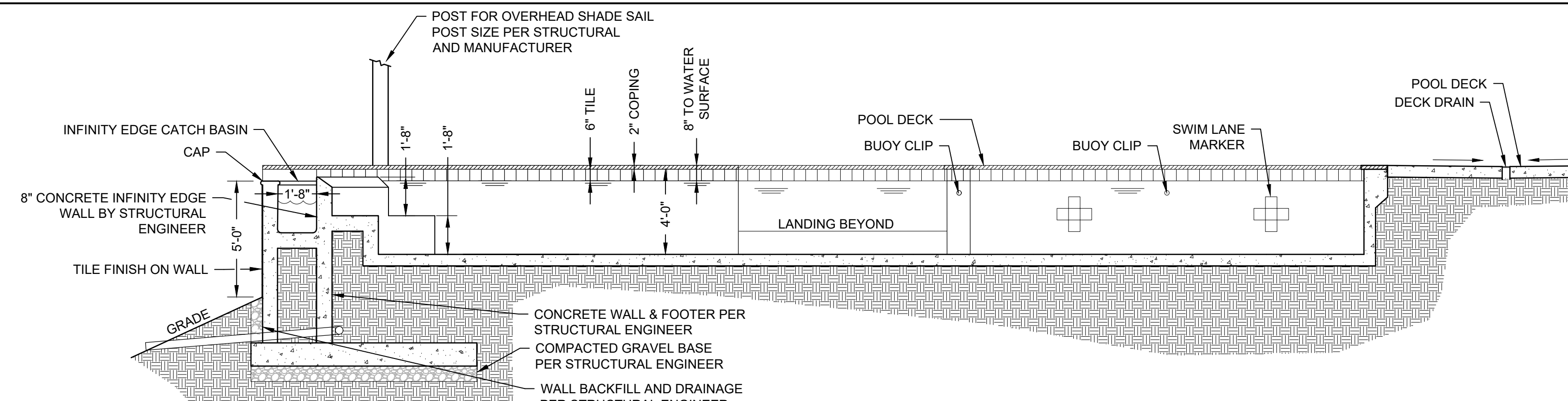
A POOL ELEVATION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



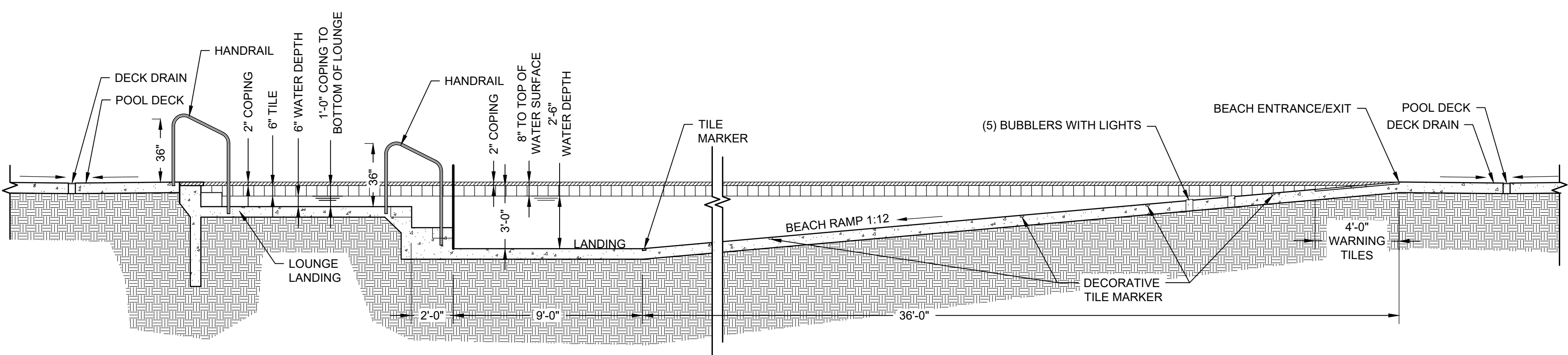
B POOL SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



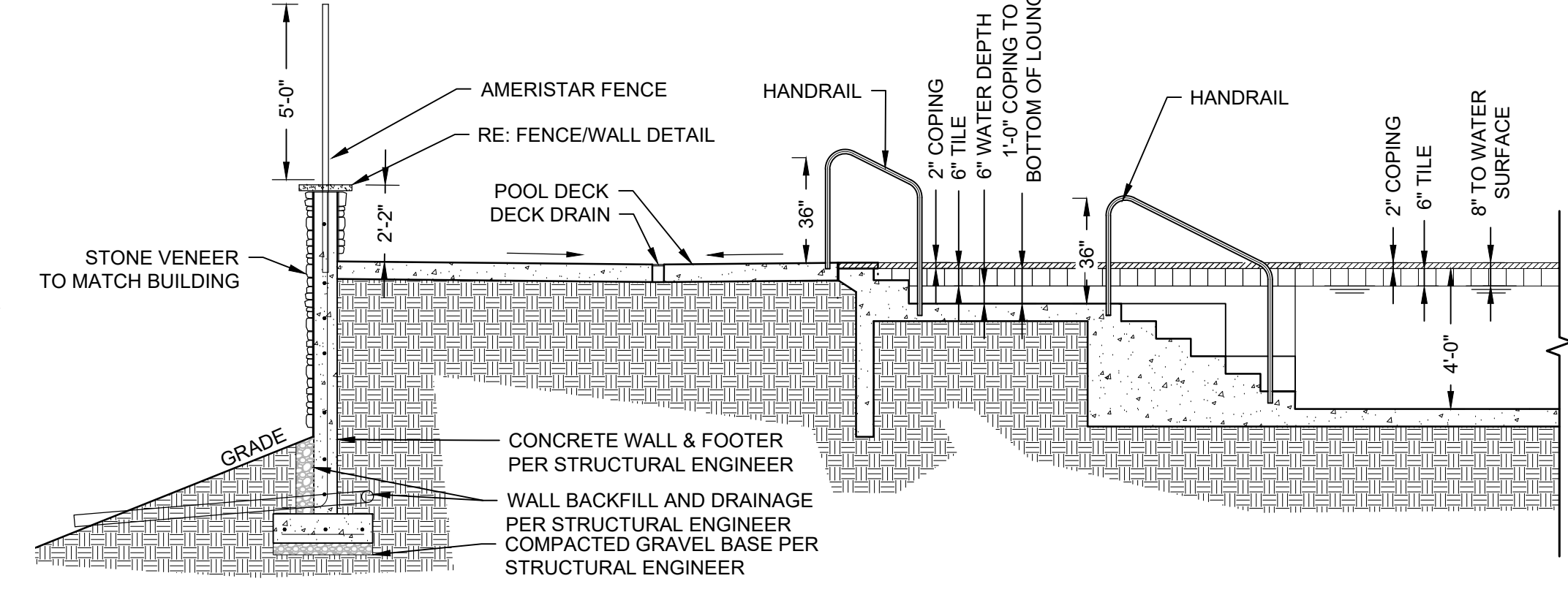
C POOL SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



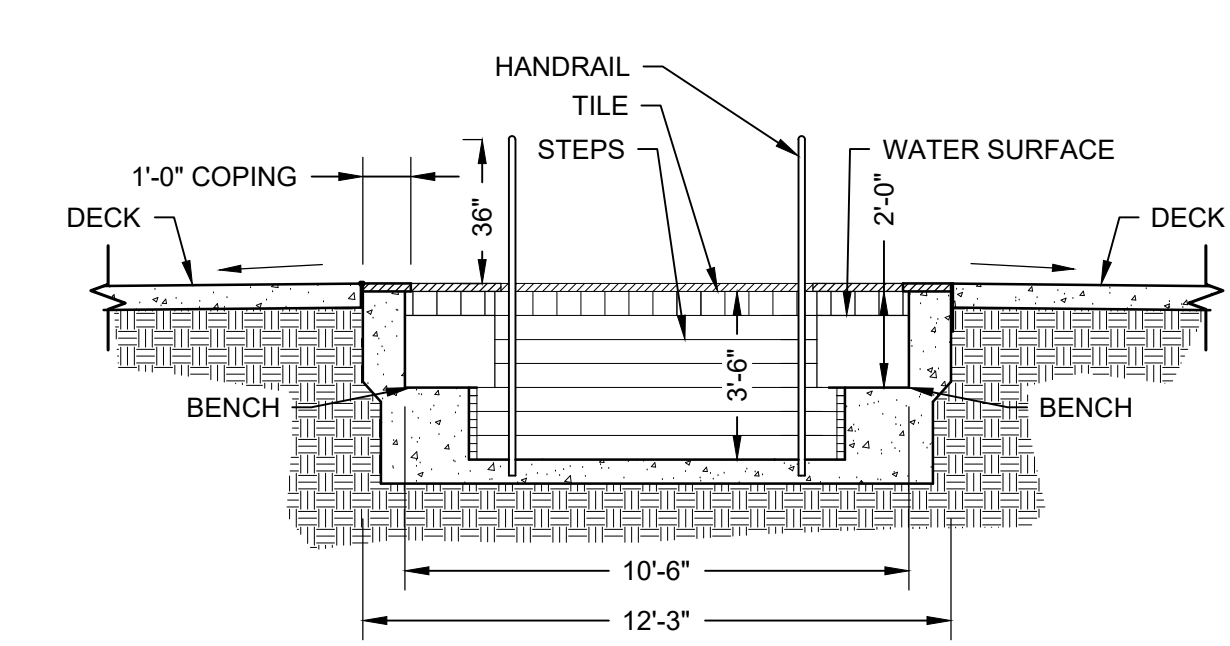
D POOL SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



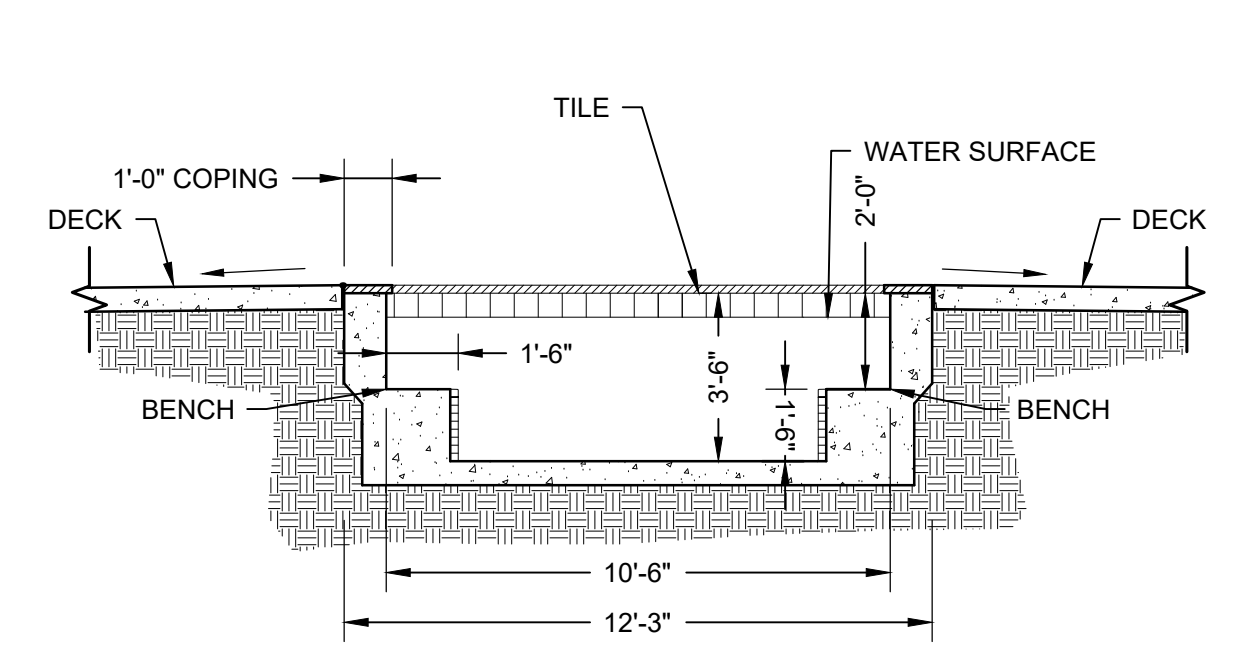
E POOL SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



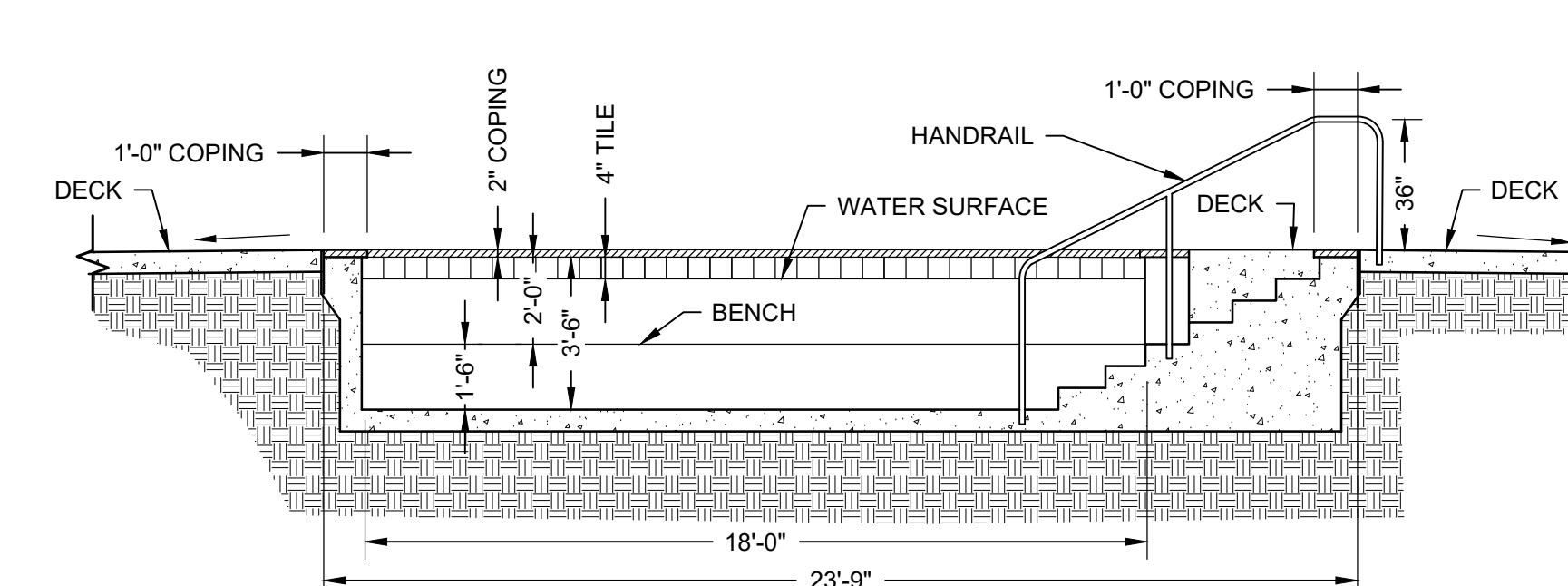
F HOT TUB SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



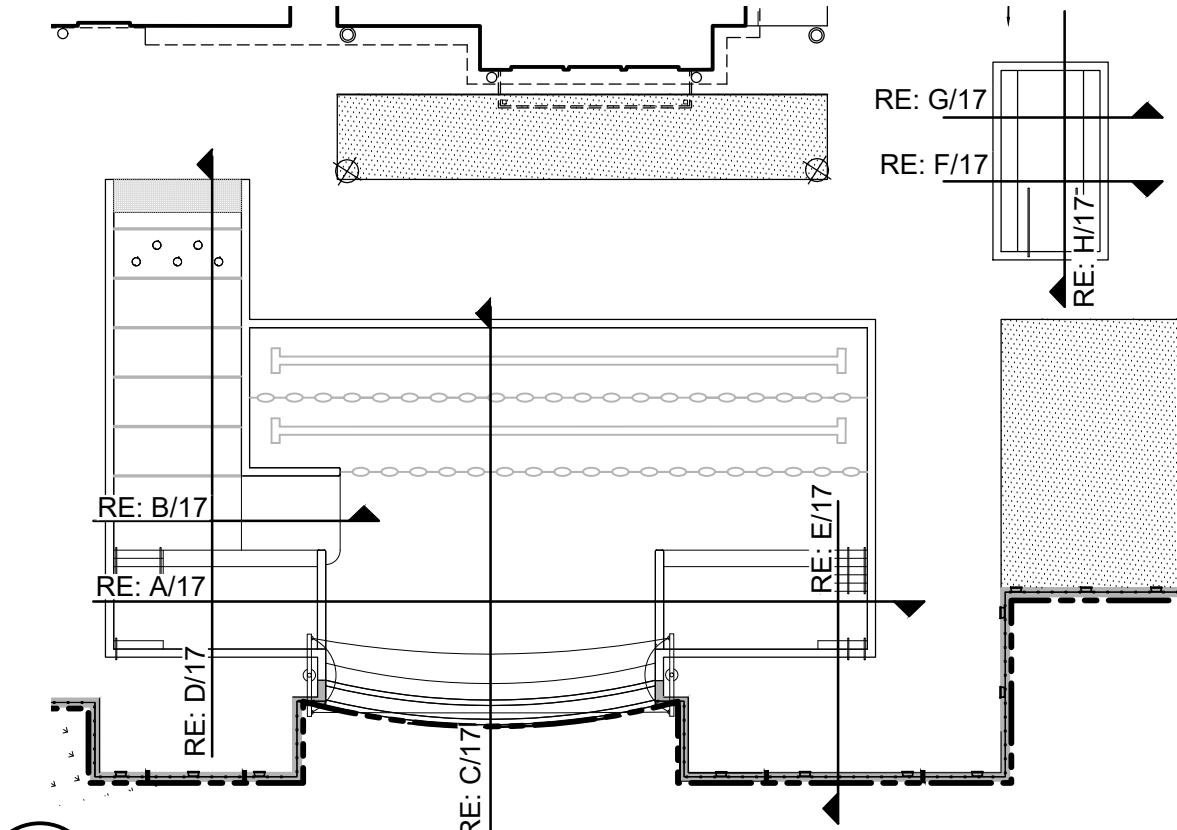
G HOT TUB SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR



H HOT TUB SECTION

SCALE: ILLUSTRATIVE ONLY - CONSTRUCT PER POOL CONTRACTOR

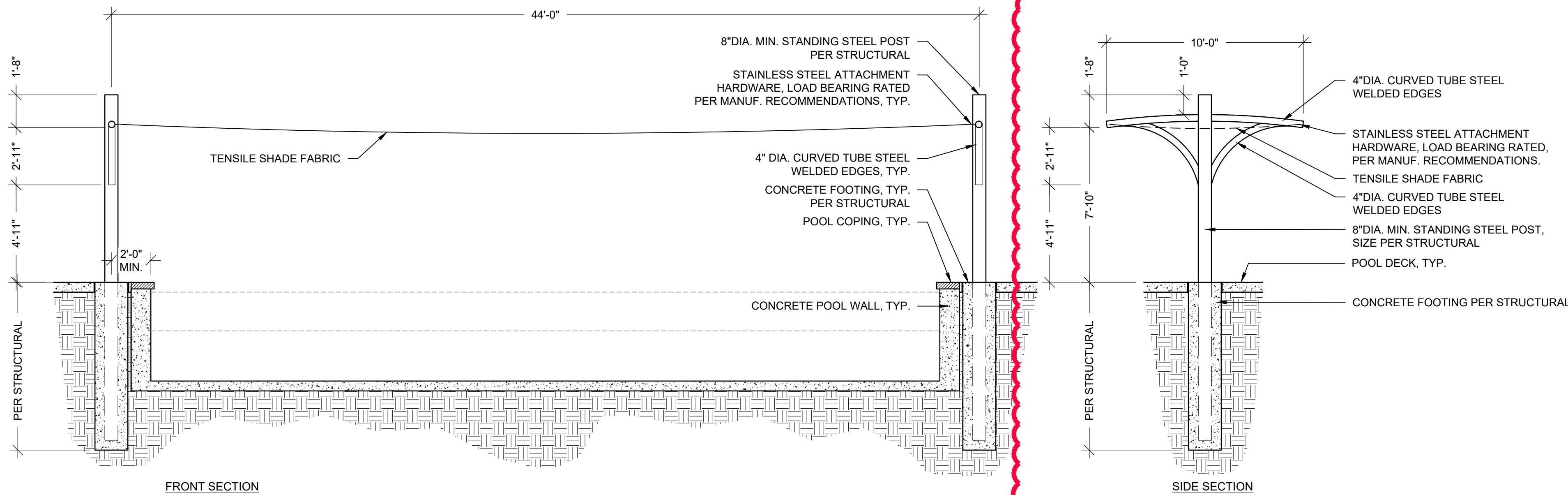
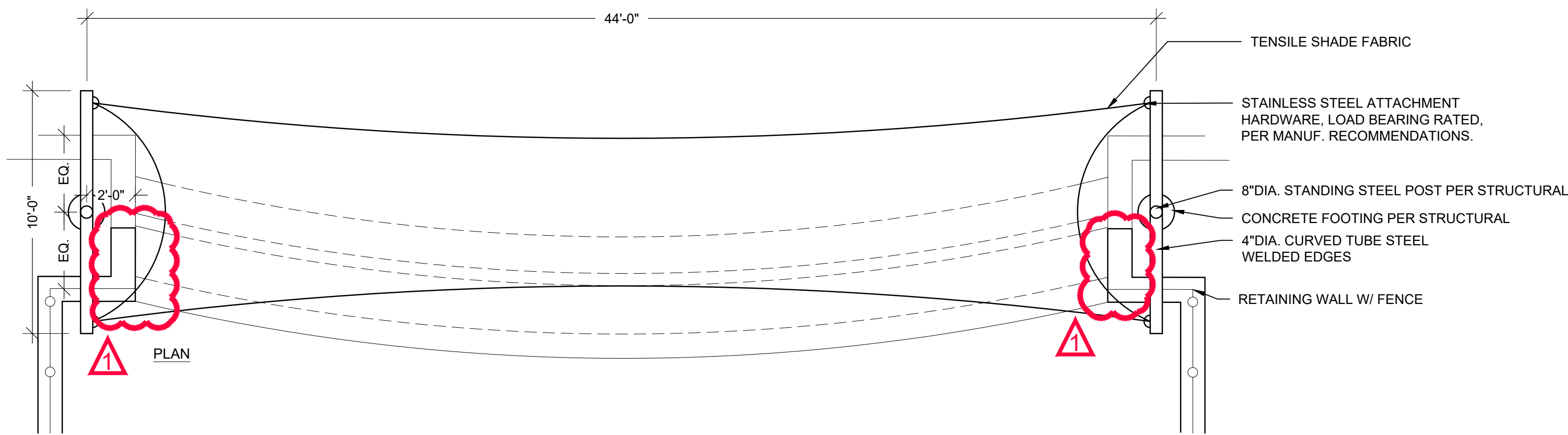


H SECTION KEY MAP

SCALE: NOT TO SCALE

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- NOTES:
1. INSTALLATION OF SHADE SAILS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATION AND WARRANTY QUALIFICATIONS.
 2. FABRIC SHADES TO BE TAKEN DOWN OCTOBER 1ST THROUGH MAY 1ST EACH YEAR TO MAINTAIN FABRIC STRUCTURE AND QUALITY.
 3. FABRIC HEIGHT CONNECTIONS AT POLES AS SHOWN ON PLAN.
 4. CONTRACTOR TO PROVIDE ENGINEERED SHOP DRAWINGS PRIOR TO INSTALLATION.
 5. FRAME AND FABRIC COLOR TBD

A SHADE SAIL STRUCTURE @ POOL
SCALE: 1/4"=1'-0"

NOT USED



B NOT USED
SCALE: NOT USED

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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
DETAILS: POOL

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

ISSUE RECORD

CSP #1	09/21/2018
CSP #2	06/11/2019
CSP #3	08/02/2019
CSP #4	09/26/2019
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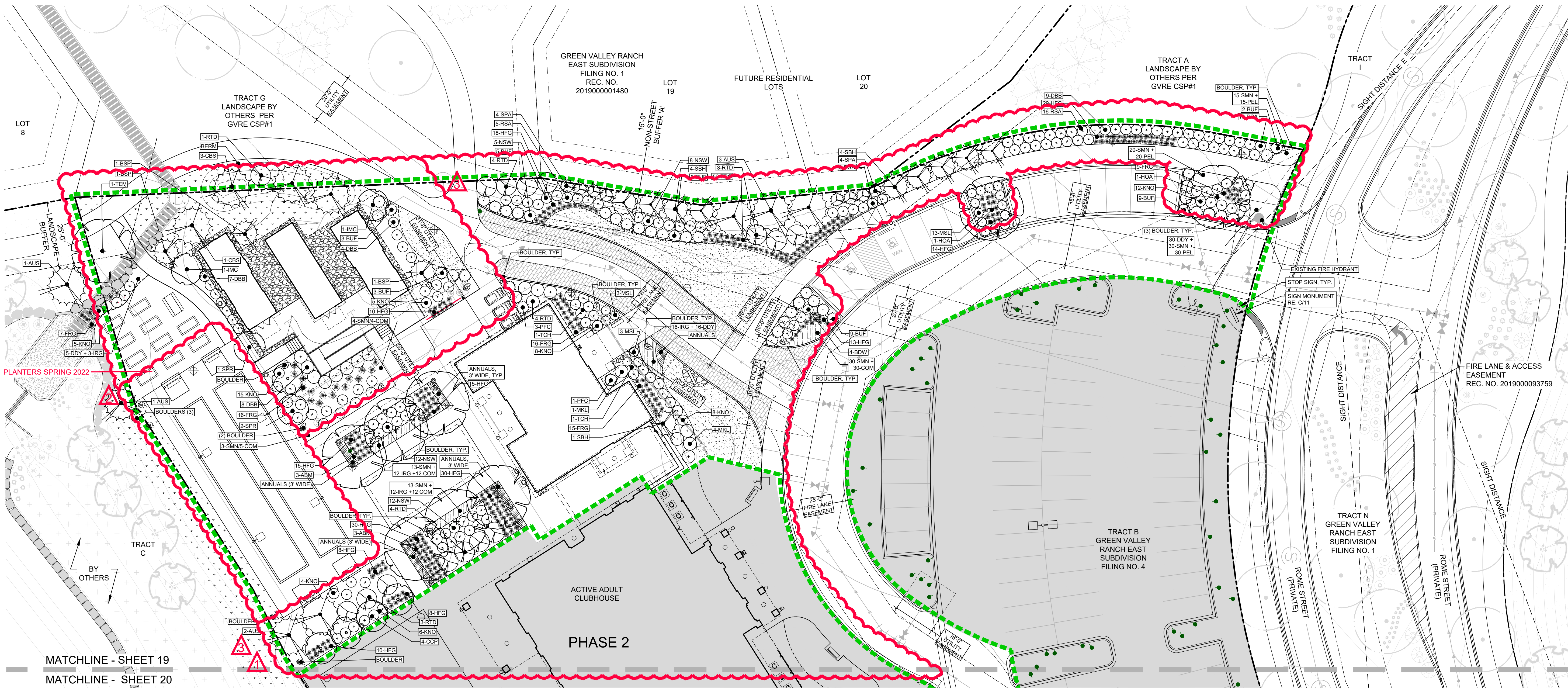
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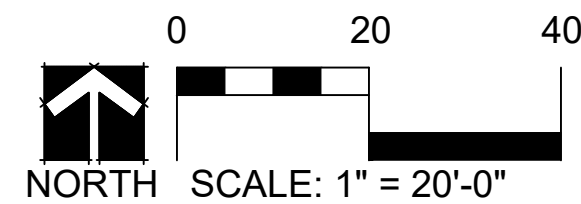
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LANDSCAPE LEGEND

- | | |
|-------------------------------------|---------------------------|
| --- TRACT BOUNDARY | DECIDUOUS SHADE TREE |
| --- PHASE 1 BOUNDARY | DECIDUOUS ORNAMENTAL TREE |
| --- PHASE 2 | EVERGREEN TREE |
| --- EASEMENT (LABELED ON PLAN) | DECIDUOUS SHRUBS |
| --- SIGHT DISTANCE TRIANGLE | EVERGREEN SHRUBS |
| --- ROLL TOP EDGER | ORNAMENTAL GRASSES |
| BOULDER | PERENNIALS |
| --- FENCE | TURF |
| GATE | NATIVE SEED |
| LIGHT FIXTURES (NOT SHOWN TO SCALE) | ANNUALS |
| FIRE HYDRANT | COBBLE |
| CONDENSERS | ARTIFICIAL TURF |
| | GRASSCRETE PAVERS |

NOTE: TREES SHALL NOT BE PLANTED WITHIN UTILITY EASEMENTS AND MUST BE A MINIMUM OF 10' FROM UTILITY/SEWER LINES.



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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE CONTEXTUAL SITE PLAN LANDSCAPE PLAN: PHASE 1

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

ISSUE RECORD

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LANDSCAPE LEGEND

- | | |
|-------------------------------------|---------------------------|
| --- TRACT BOUNDARY | DECIDUOUS SHADE TREE |
| --- PHASE 1 BOUNDARY | DECIDUOUS ORNAMENTAL TREE |
| --- PHASE 2 | EVERGREEN TREE |
| --- EASEMENT (LABELED ON PLAN) | DECIDUOUS SHRUBS |
| --- SIGHT DISTANCE TRIANGLE | EVERGREEN SHRUBS |
| --- ROLL TOP EDGER | ORNAMENTAL GRASSES |
| BOULDER | PERENNIALS |
| FENCE | TURF |
| GATE | NATIVE SEED |
| LIGHT FIXTURES (NOT SHOWN TO SCALE) | ANNUALS |
| FIRE HYDRANT | COBBLE |
| CONDENSERS | ARTIFICIAL TURF |
| | GRASSCRETE PAVERS |

NOTE: TREES SHALL NOT BE PLANTED WITHIN UTILITY EASEMENTS AND MUST BE A MINIMUM OF 10' FROM UTILITY/SEWER LINES.

0 20 40
NORTH SCALE: 1" = 20'-0"
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LANDSCAPE PLAN: PHASE 1

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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
LANDSCAPE PLAN: PHASE 2

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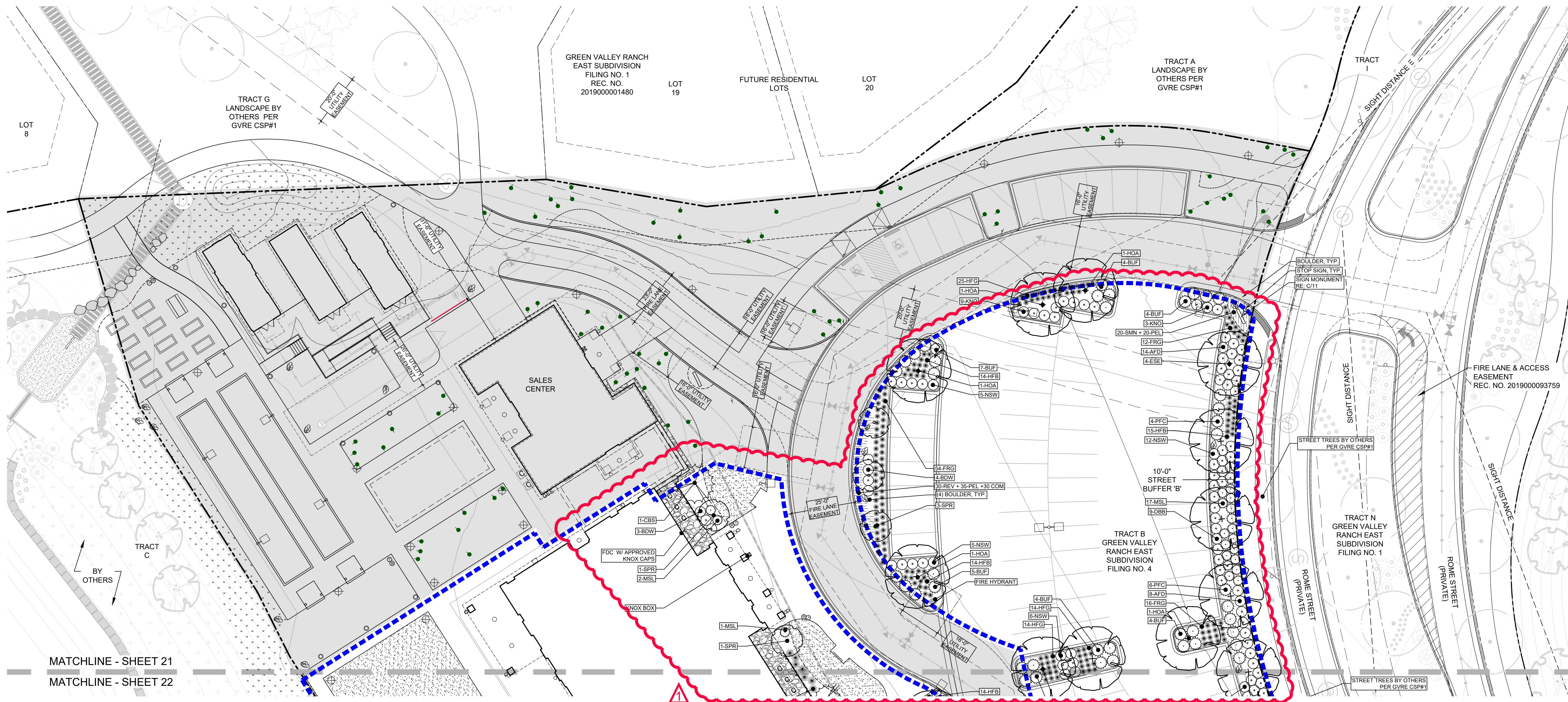
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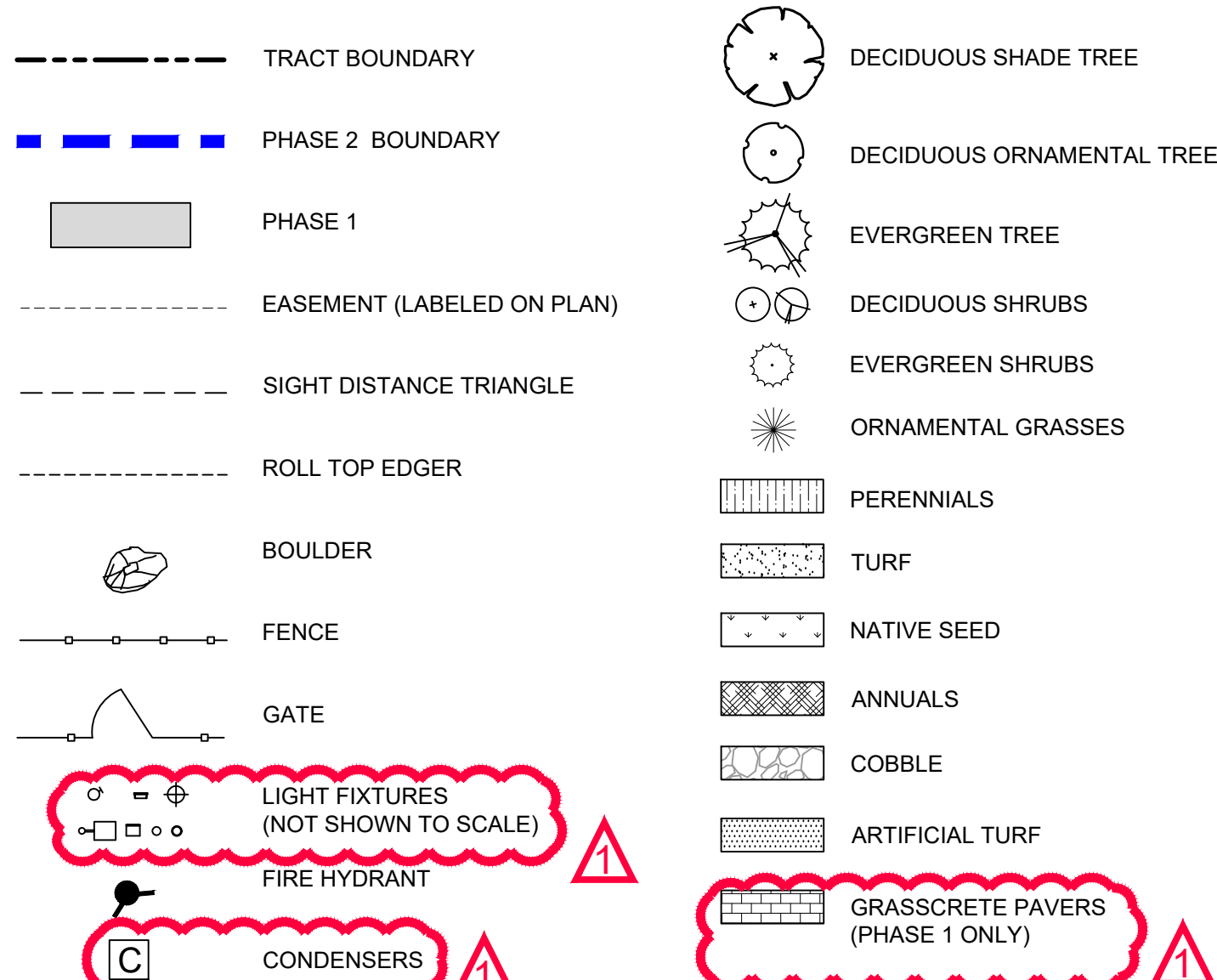
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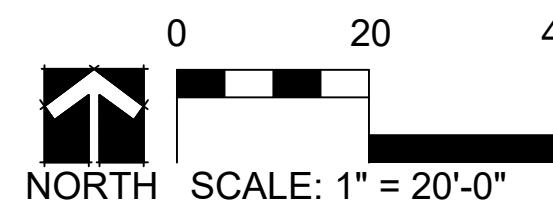
21 OF 28



LANDSCAPE LEGEND



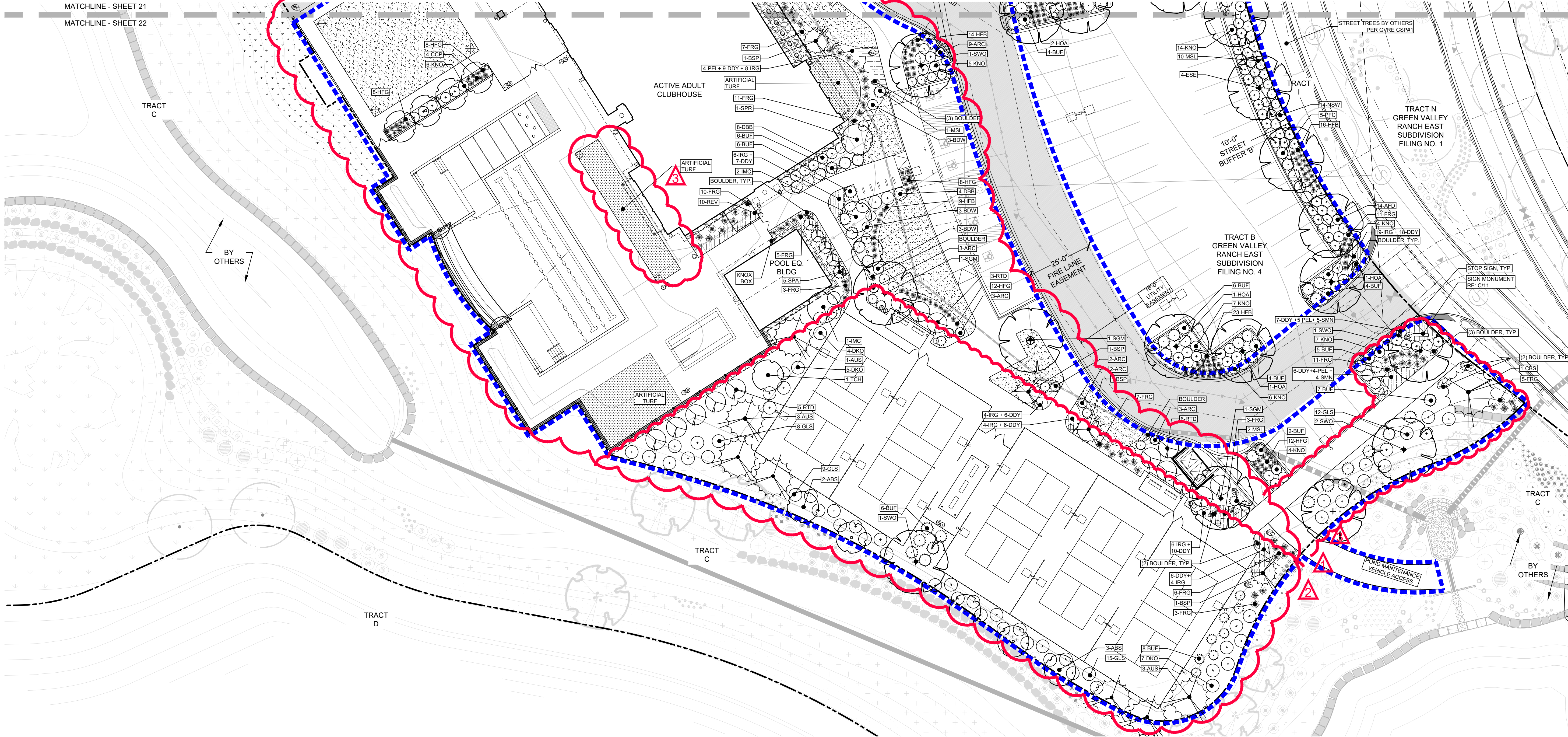
NOTE: TREES SHALL NOT BE PLANTED WITHIN UTILITY EASEMENTS AND MUST BE A MINIMUM OF 10' FROM UTILITY/SEWER LINES.



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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE 2018-6053-00

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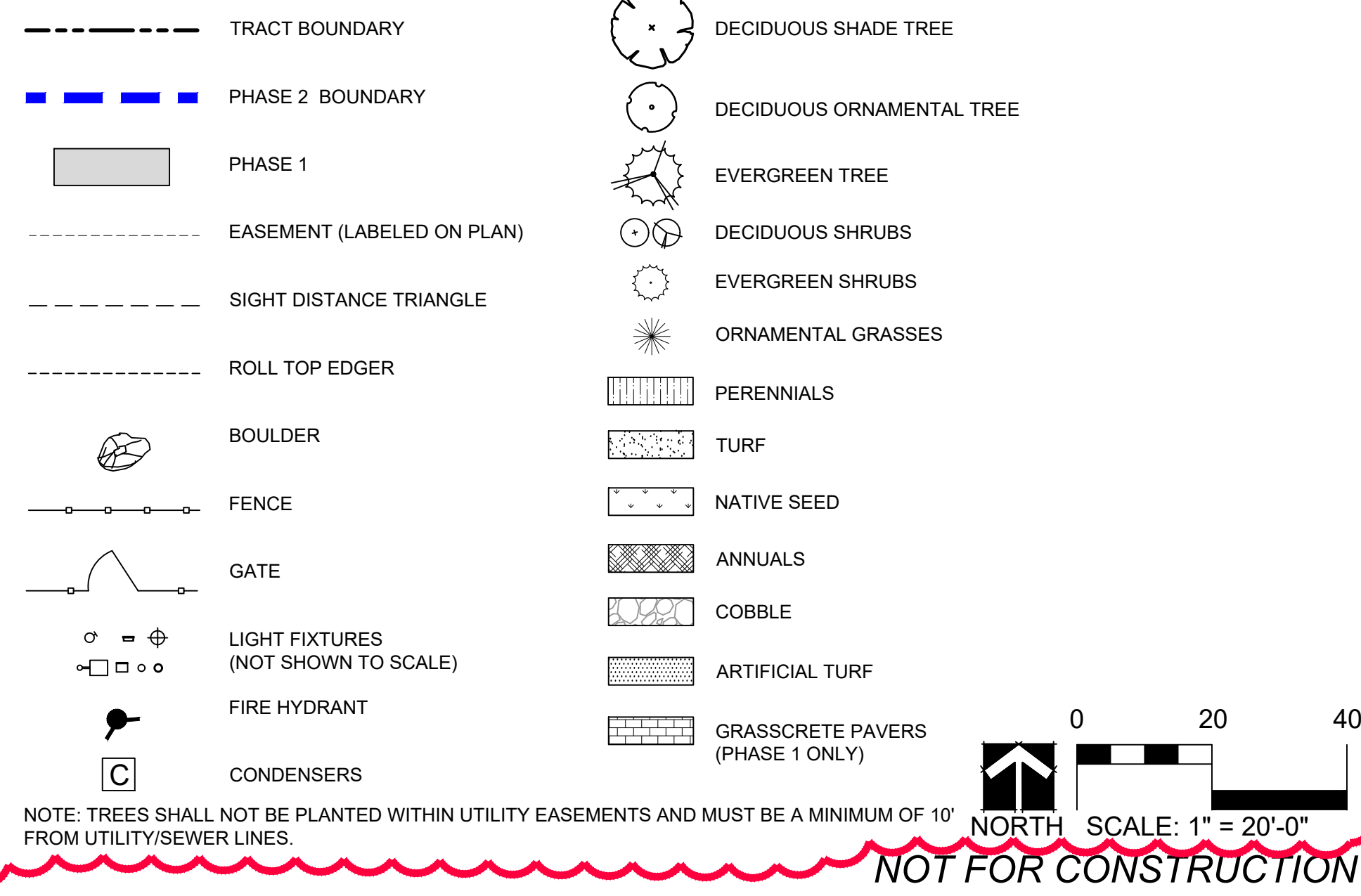


PLANTING SCHEDULE (FULL BUILD-OUT QUANTITIES FOR SITE)

SYM	QTY	COMMON NAME	BOTANICAL NAME	SIZE	WATER USAGE
DECIDUOUS TREES					
				B&B	
ABM	6	AUTUMN BLAZE MAPLE	ACER X FREEMANII 'JEFFERSRED'	2.5" CAL.	LOW
ESE	8	EMERALD SUNSHINE ELM	ULMUS PROPINQUA 'JFS-BEIBERICH'	2.5" CAL.	LOW
HOA	12	HERITAGE OAK	QUERCUS X MACDANIELLI 'CLEMONS'	2.5" CAL.	MED
SGM	12	SIENA GLEN MAPLE	ACER X FREEMANII 'SIENNA'	2.5" CAL.	MED
SWO	5	SWAMP WHITE OAK	QUERCUS BICOLOR	2.5" CAL.	LOW
TEM	1	TRIUMPH ELM	ULMUS 'MORTON GLOSY'	2.5" CAL.	LOW
ORNAMENTAL TREES					
				B&B	
ABS	5	AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA	6" CLUMP	MED
CCP	8	CHANTICLEER PEAR	PYRUS CALLERYANA	2" CAL.	MED
IMC	5	INDIAN MAPLE CRABAPPLE	MALUS 'INDIAN SUMMER'	2" CAL.	LOW
TCH	3	THORNLESS COCKSPUR HAWTHORN	CRATAEGUS CRUS-GALLI 'INERMIS'	2" CAL.	LOW
SPR	9	SPRING SNOW CRABAPPLE	MALUS X 'SPRING SNOW'	2" CAL.	LOW
EVERGREEN TREES					
				B&B	
AUS	14	AUSTRIAN PINE	PINUS EDULIS	6" HT. MIN.	LOW
BSP	7	BAKERI SPRUCE	PICEA PUNGENS GLAUCA	5" HT. MIN.	LOW
CBS	6	COLORADO BLUE SPRUCE	PICEA PUNGENS	6" HT. MIN.	LOW
SBH	9	BLACK HILLS SPRUCE	PICEA GLAUCA 'DENSATA'	5" HT. MIN.	MED
SPA	13	SPARTAN JUNIPER	JUNIPERUS CHINENSIS 'SPARTAN'	5" HT. MIN.	LOW
EVERGREEN SHRUBS					
ARC	22	ARCADIA JUNIPER	JUNIPERUS SABINA 'ARCADIA'	5 GAL	LOW
BUF	126	BUFFALO JUNIPER	JUNIPERUS SABINA 'BUFFALO'	5 GAL	LOW
MSL	52	SLOWMOUND MUGO PINE	PINUS MUGO 'SLOWMOUND'	6 GAL	LOW
PFC	19	COMPACT PFITZER	JUNIPERUS X MEDIA 'PFITZERANA COMPACT'	5 GAL	LOW

SYM	QTY	COMMON NAME	BOTANICAL NAME	SIZE	WATER USAGE
DECIDUOUS SHRUBS					
AFD	36	ARCTIC FIRE DOGWOOD	CORNUS STOLONIFERA 'FARROW'	5 GAL	MED
BDW	20	DWARF BUTTERFLY BUSH	BUDDLEIA DAVIDII VAR.	5 GAL	LOW
DBB	49	DWARF BURNING BUSH	EUONYMUS ALATUS 'COMPACTA'	5 GAL	LOW
DKO	16	DWARF KOREAN LILAC	SYRINGA MEYERI 'PALIBIN'	5 GAL	LOW
GLS	44	GRO-LOW FRAGRANT SUMAC	RHUS AROMATICA 'GROW-LOW'	5 GAL	LOW
KNO	128	KNOCKOUT ROSE	ROSA 'RADRAZZ'	5 GAL	LOW
MKL	5	MISS KIM LILAC	SYRINGA PATULA 'MISS KIM'	5 GAL	LOW
NSW	79	SUMMER WINE NINEBARK	PHYSOCARPUS OPULIFOLIUS 'SEWARD'	5 GAL	MED
RSA	43	RUSSIAN SAGE	PETROVSKIA ARTIPLICIFOLIA	5 GAL	LOW
RTD	33	RED TWIG DOGWOOD	CORNUS SERICEA 'BAILEY'	5 GAL	LOW
ORNAMENTAL GRASSES #1 OR #5					
FRG	279	KARL FOERSTER FEATHER REED GRASS	C. ACUTIFLORA 'KARL FOERSTER'	1 GAL	LOW
HFG	301	FOUNTAIN GRASS, HARDY 'HAELIN'	PENNISETUM ALOPECUROIDES 'HAELIN'	1 GAL	LOW
HFB	105	HARDY 'LITTLE BUNNY' FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	1 GAL	LOW
RSG	0	RED SWITCH GRASS	PANICUM VIRGATUM 'SHENANDOAH'	1 GAL	LOW
PERENNIALS #1 (no TE credit)					
COM	93	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM COREOPSIS	1 GAL	LOW
DDY	126	STELLA D'ORO DWARF DAYLILY	HEMEROCALLIS 'STELLA D'ORO'	1 GAL	LOW
IRG	94	GERMAN BEARDED IRIS - MIX	IRIS GERMANICA VAR.	1 GAL	LOW
PEL	133	ELFIN PINK PENSTEMON	PENSTEMON BARBATUS 'ELFIN PINK'	1 GAL	LOW
REV	40	RED VALERIAN	CENTRANTHUS RUBER	1 GAL	LOW
SMN	157	MAY NIGHT SAGE	SALVIA SYLVESTRIS X 'MAINACHT'	1 GAL	LOW

LANDSCAPE LEGEND



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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE CONTEXTUAL SITE PLAN LANDSCAPE PLAN: PHASE 2

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

ISSUE RECORD

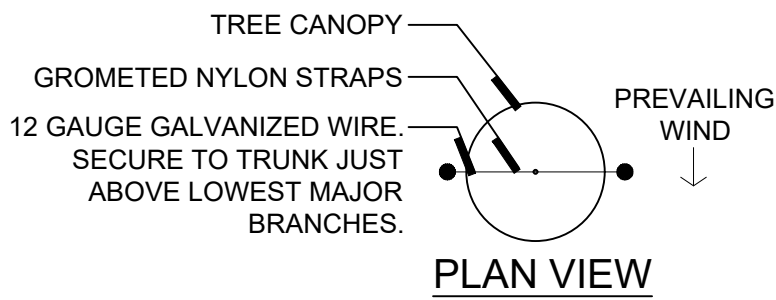
CSP #1	09/21/2018
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NOTES:
1) SCARIFY SIDES OF PLANTING PIT PRIOR TO SETTING TREE.
2) REMOVE ALL NURSERY STAKES.
3) WRAP TRUNK OF DECIDUOUS TREES FROM ROOT FLARE TO LOWEST MAJOR BRANCH.
4) FOR TREES OVER 3" CALIPER, USE THREE STAKES (DECIDUOUS TREES) OR DEADMEN (EVERGREEN TREES) SPACED EVENLY AROUND THE TREE.

MIN. 3" DEPTH MULCH RING (MULCH PER PLANTS) A MIN. OF 4" DIA. MULCH DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK

BACKFILL WITH BLEND AT EXISTING SOIL AND A MAX. OF 20% (BY VOLUME) ORGANIC MATERIAL WITH 1:1 SLOPE ON THE SIDES OF THE PLANTING HOLE

PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. BELOW FINISH GRADE.

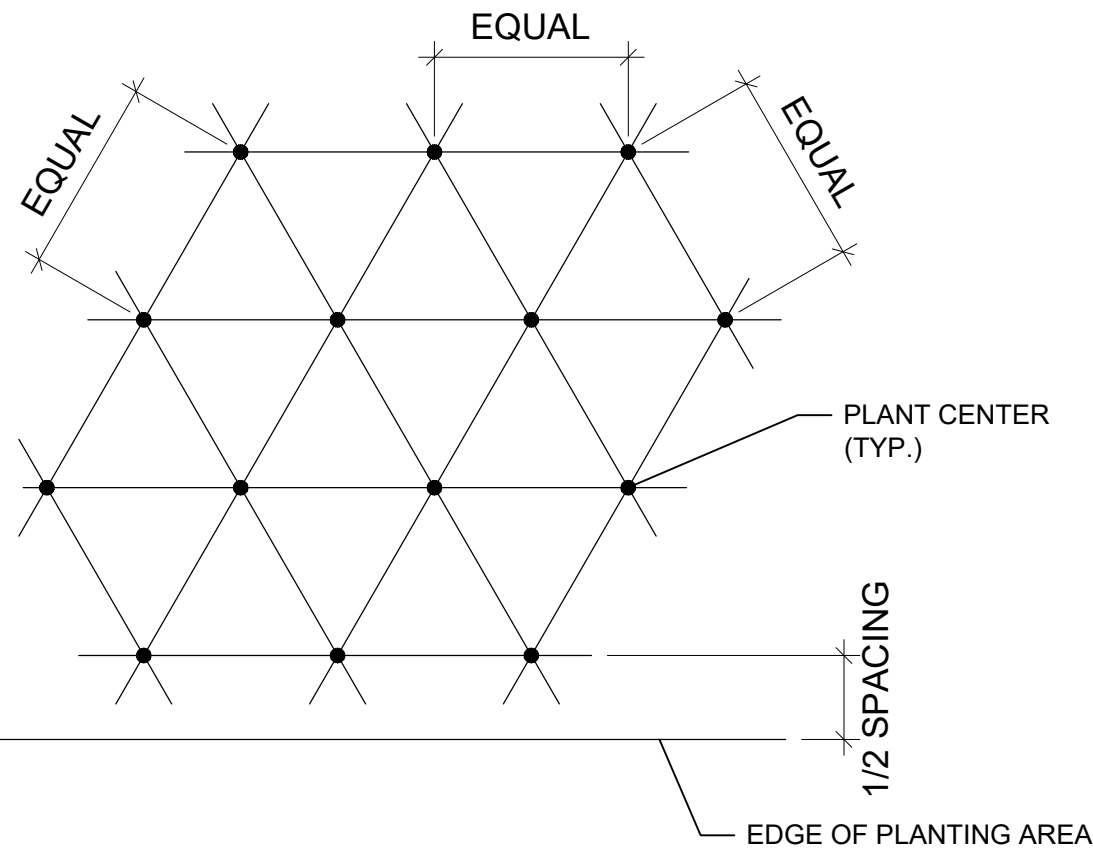
CONTRACTOR TO FIRMLY PLACE SOIL AROUND ROOTBALL WITHOUT PACKING OR TAMPING. SET SOIL WITH WATER TO FILL ALL AIR POCKETS.

PLACE ROOTBALL ON UNDISTURBED SOIL TO PREVENT SETTLEMENT

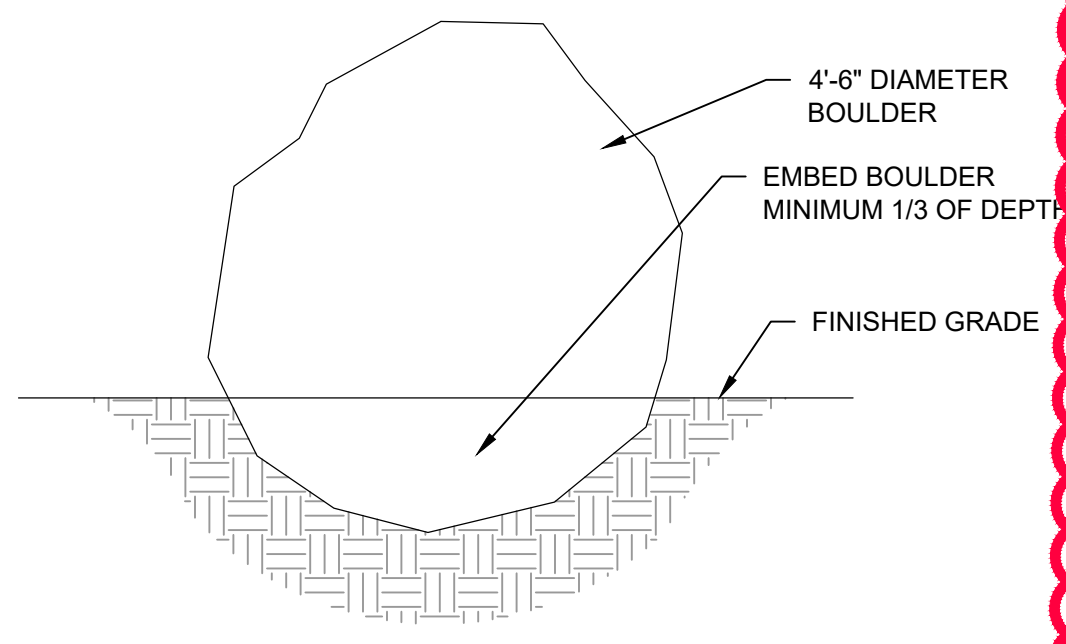
EVERGREEN TREE
DECIDUOUS TREE

GROMETED NYLON STRAPS
PLACE MIN. 1/2" PVC PIPE AROUND EACH WIRE - EXPOSED WIRE SHALL BE A MAX 2' AT EITHER END.
GALVANIZED WIRE - MIN. 12 GAUGE CABLE - TWIST WIRE ONLY TO KEEP FROM SLIPPING
6" STEEL T-POST, COLOR BLACK. T-POST TO BE DRIVEN IN OUTSIDE THE ROOTBALL
TREE WRAP TO BE INSTALLED FROM OCT. 1 - APRIL 30 ON DECIDUOUS TREES ONLY.
THE TOP OF THE ROOT FLARE SHALL BE AT FINISH GRADE.
4-6" DIA. WATER SAUCER
REMOVE ALL TWINE, BURLAP & WIRE FROM ENTIRE ROOTBALL & TRUNK. TREES WITH BROKEN ROOTBALLS WILL BE REJECTED.
UNDISTURBED SOIL

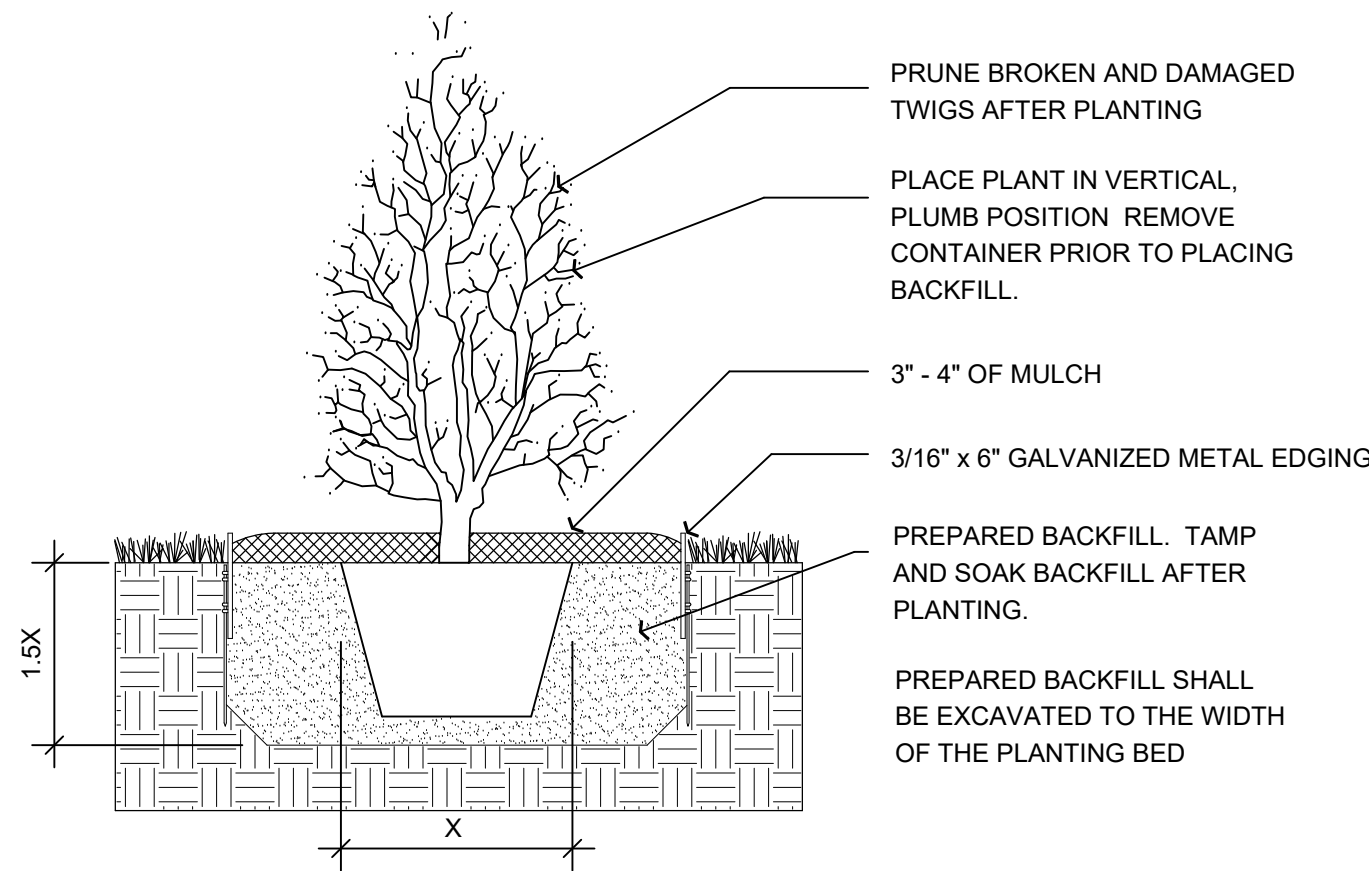
A DECIDUOUS AND EVERGREEN TREE PLANTING DETAIL
SCALE: NTS



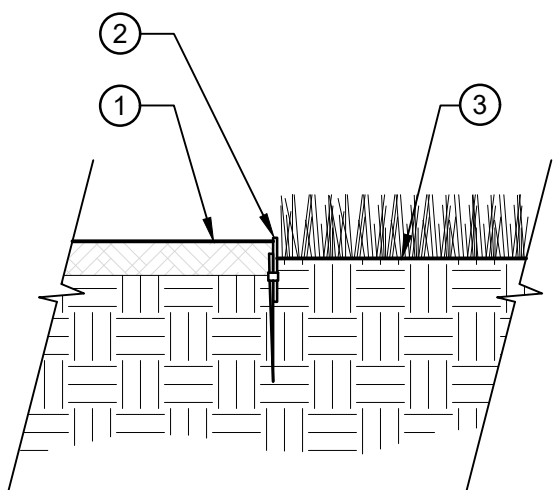
C PLANT SPACING DETAIL
SCALE: NTS



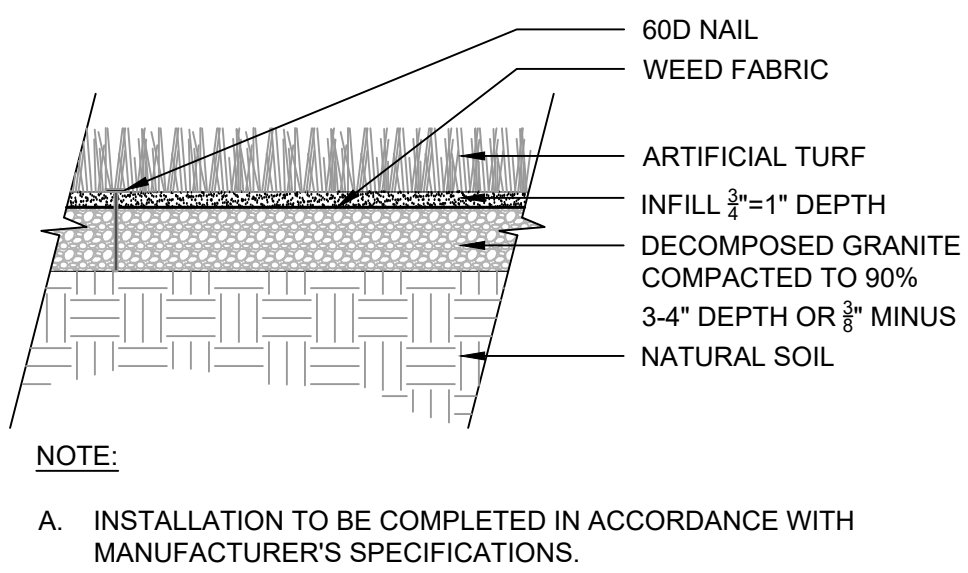
F BOULDER (QTY:18)
SCALE: NTS



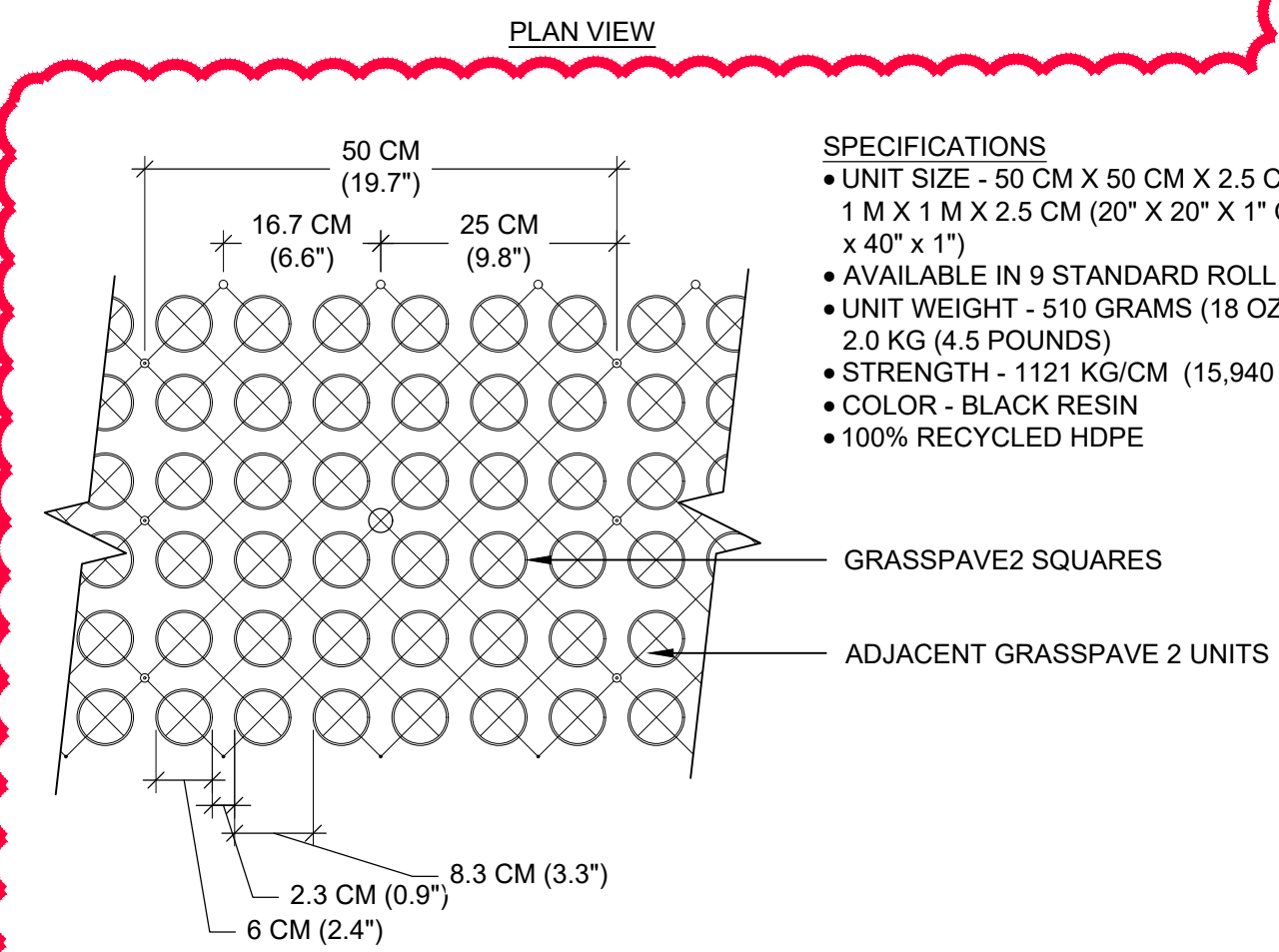
B SHRUB PLANTING DETAIL
SCALE: NTS



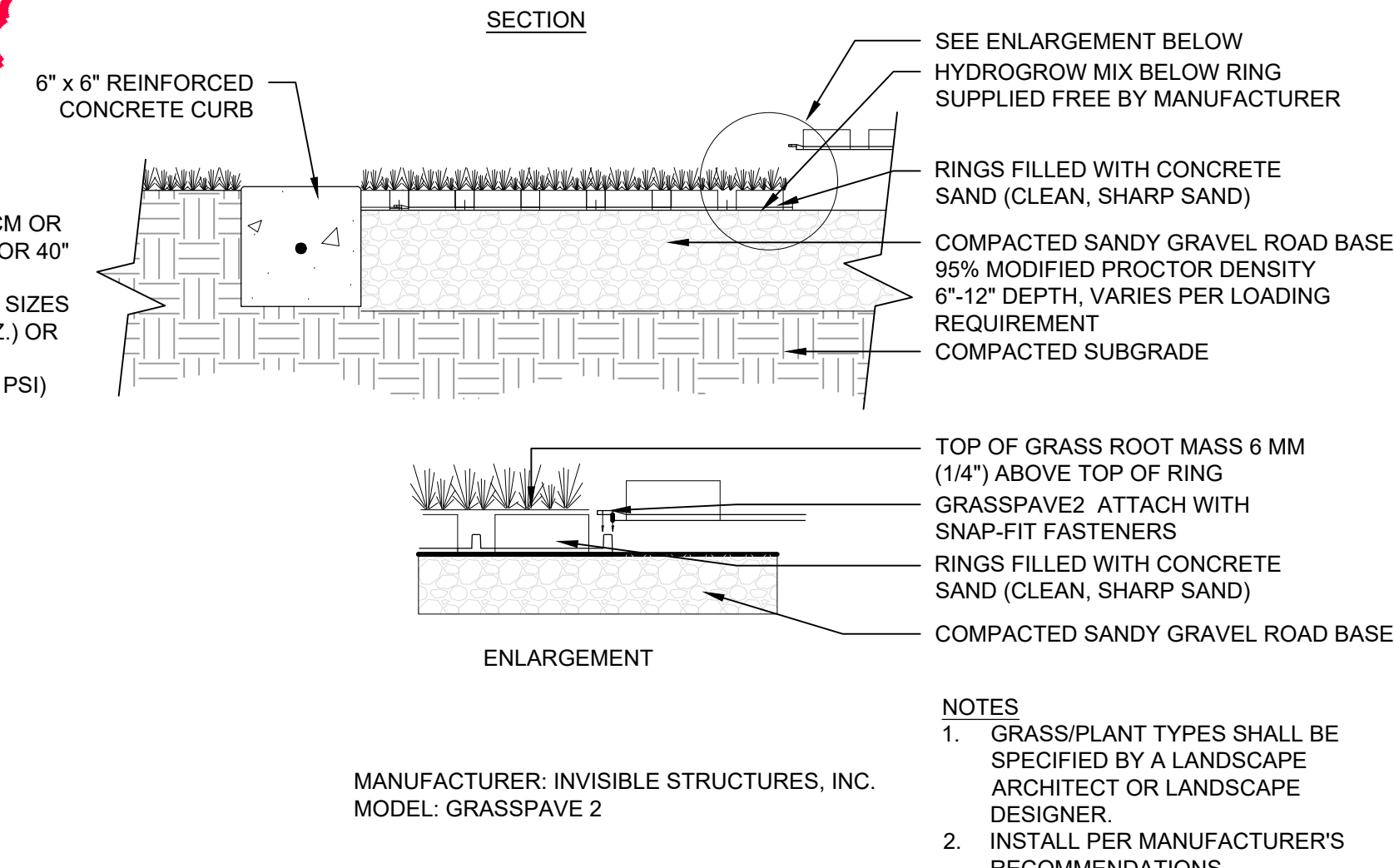
D STEEL EDGE DETAIL
SCALE: NTS



E ARTIFICIAL TURF @ POOL
SCALE: NTS



G GRASSCRETE @ FIRE LANE
SCALE: NTS



G GRASSCRETE @ FIRE LANE
SCALE: NTS

NATIVE GRASS SEED MIX:

COMMON NAME	SCIENTIFIC NAME	% OF TOTAL
BLUEBUNCH WHEATGRASS	AGROPYRON SPICATUM	10
BIG BLUESTEM	ANDROPOGON GRARDII	10
INDIAN RICEGRASS	ACHNATHERUM HYMENOIDES	10
BLUE GRAMA	BOUTELOUA GRACILIS	10
THICKSPIKE WHEATGRASS	ELYMUS MACROURUS	10
SLENDER WHEATGRASS	AGROPYRON TRACHYCAULUM	10
SHEEP FESCUE	FESTUCA OVINE	10
SIDEOATS GRAMA	BOUTELOUA CURTIPENDULA	10
WESTERN WHEATGRASS	AGROPYRON SMITHII	10
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	10
TOTAL		100

LANDSCAPE NOTES:

- ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
- ALL SHRUB AND SOD AREAS SHALL RECEIVE THE FOLLOWING SOIL AMENDMENTS PER 1000 S.F.: 4 CUBIC YARDS "SUPREME ORGANICS" COMPOST (50% COW MANURE, 50% WOOD FINES) OR APPROVED EQUAL, PLUS 15 LBS. OF 20-10-5 COMMERCIAL FERTILIZER, ROTOTILL TO A MINIMUM DEPTH OF 6 (SIX) INCHES.
- ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS THAT COMPLY WITH REQUIREMENTS FOUND IN SEC. 146-1429 AND/OR SEC 146-1435 MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION, AND MAINTENANCE SHALL CONFORM TO REQUIREMENTS FOUND IN THE CITY OF AURORA IRRIGATION ORDINANCE.
- VEHICULAR DRIVES WILL BE CONCRETE OR ASPHALT. PLAZAS WILL BE CONCRETE OR PAVERS. WALKS WILL BE CONCRETE OR CRUSHER FINES, PLEASE REFER TO ENGINEERING SITE PLANS FOR WALK MATERIAL TYPES.
- MULCH TO BE SHREDDED WESTERN RED CEDAR BARK MULCH OR 1'-2" DIA. TAN RIVER ROCK.
- UNPLANTED AREAS SHALL BE COVERED WITH ROCK TO A DEPTH OF THREE (3) INCHES MINIMUM WITH LANDSCAPE FABRIC. PERENNIAL BEDS AND TREE RINGS ARE TO BE MULCHED WITH WOOD MULCH TO A DEPTH OF THREE (3) INCHES MINIMUM WITH NO LANDSCAPE FABRIC.
- STEEL EDGER SHALL BE PROVIDED AROUND ALL PLANTING BEDS ADJACENT TO TURF AREAS. STEEL EDGER SHALL BE GALVANIZED 3/16" X 6" DEEP, AND WITH A ROLLED EDGE.
- ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.
- THE LANDSCAPE PLAN MUST REFLECT THE LOCATION OF ALL FIRE HYDRANTS, KNOX HARDWARE AND FIRE DEPARTMENT CONNECTIONS TO ENSURE THAT THESE DEVICES ARE NOT PHYSICALLY OR VISUALLY OBSTRUCTED FROM RESPONDING FIRE CREWS. THE SEPARATION REQUIREMENTS FROM THE FIRE DEPARTMENT CONNECTIONS AND FIRE HYDRANTS MUST MEET BOTH LIFE SAFETY (TYPICALLY 5 FEET AND NO MATERIAL GREATER THAN 2 FEET IN HEIGHT) AND LANDSCAPING REQUIREMENTS. LANDSCAPING MATERIAL CANNOT BE OMITTED OR REDUCED BASED ON THE INSTALLATION OF A FIRE HYDRANT WITHIN A PARKING LOT ISLAND OR PLANT BED. IT IS RECOMMENDED THAT THE ISLAND OR PLANT BED BE CONSTRUCTED LARGE ENOUGH TO ADEQUATELY ACCOMMODATE BOTH LANDSCAPING MATERIAL AND FIRE HYDRANTS IN ORDER TO COMPLY WITH ALL CITY STANDARDS.
- THE MAXIMUM HEIGHT FOR FREESTANDING LIGHTS IS 23'. REFER TO DETAIL A/27.

LANDSCAPE DATA:

SITE DATA:	PHASE 1:		FULL BUILD-OUT:	
	AREA IN SF (AC):	%	AREA IN SF (AC):	%
TOTAL SITE AREA	56,235 SF (1.3 AC)	100%	157,477 SF (3.6 AC)	100%
BUILDING COVERAGE	3,819 SF	7%	15,237 SF	10%
HARD SURFACE AREA (PARKING, SIDEWALKS, PATIO, POOLS)	33,546 SF	59%	97,416 SF	62%
LANDSCAPE AREA (TURF, PLANTING, COBBLE, ART. TURF)	18,870 SF	34%	44,823 SF	28%
LANDSCAPE AREA (LS)	18,870 SF		44,823 SF	
MAX % OF COOL SEASON GRASSES ALLOWED	6,277 SF	33%	15,126 SF	33%
% OF COOL SEASON GRASSES PROVIDED	2,492 SF	13%	7,265 SF	16%
NATIVE SEED AREA	2,757 SF	9%	2,757 SF	6%
PLANTING AREA	10,919 SF	58%	29,031 SF	65%
NON-LIVING MATERIAL (ROCK W/ PLANTS & ARTIFICIAL TURF)	2,702 SF	14%	5,769 SF	13%
TOTAL LANDSCAPE IMPROVEMENT IN ROW	N/A	0%	NA - PART OF THE FDP	0%
PLANT COVERAGE	N/A		39,053 SF	

BUFFER TABLE:

BUFFER TYPE / LABEL	WIDTH	LENGTH	# OF TREES REQUIRED	# OF TREES PROVIDED	# OF SHRUBS REQUIRED	# OF SHRUBS PROVIDED
NON-STREET BUFFER 'A' REQUIRED WIDTH: 25'-0" W/ INCENTIVE: 15'-0"	7'-6"	218'	1 TREE PER 25 LF = 9 TREES (MIN. 50% EVERGREEN)	38 (ALL EVERGREEN)	5 SHRUBS PER 25 LF = 44	104
*A TALL LANDSCAPE SCREEN ALLOWS 15'-0" BUFFER THAT CONSISTS OF A ROW OF EVERGREEN TREES AT 15' O.C. W/ SHRUBS AT MIN. OF 36" O.C.						
STREET BUFFER 'B' REQUIRED WIDTH: 12'-0" W/ INCENTIVE: 6'-0"	10'-0"	250'	1 TREE PER 40 LF = 6 TREES	8	10 SHRUBS PER 40 LF = 63	130
*XERISCAPE PLANT MATERIAL ALLOWS A REDUCTION IN THE BUFFER WIDTH TO 6'-0".						

BUILDING ELEVATION LANDSCAPE COVERAGE:

ELEVATION	ELEVATION LENGTH	TREES REQUIRED (1 PER 40 LF OR EQUIVALENT)	TREES PROVIDED
BUILDING #1: SALES CENTER (PHASE 1)			
EAST	60'	2	2
BUILDING #2: CLUBHOUSE (PHASE 2)			
EAST	140'	4	6
BUILDING #3: POOL EQUIPMENT (PHASE 2)			
EAST	26'	1	1
SOUTH	32'	1	1
BUILDING #4: DESIGNER COTTAGES (PHASE 1)			
EAST	37'	1	3

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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
DETAILS & DATA: LANDSCAPE

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

ISSUE RECORD

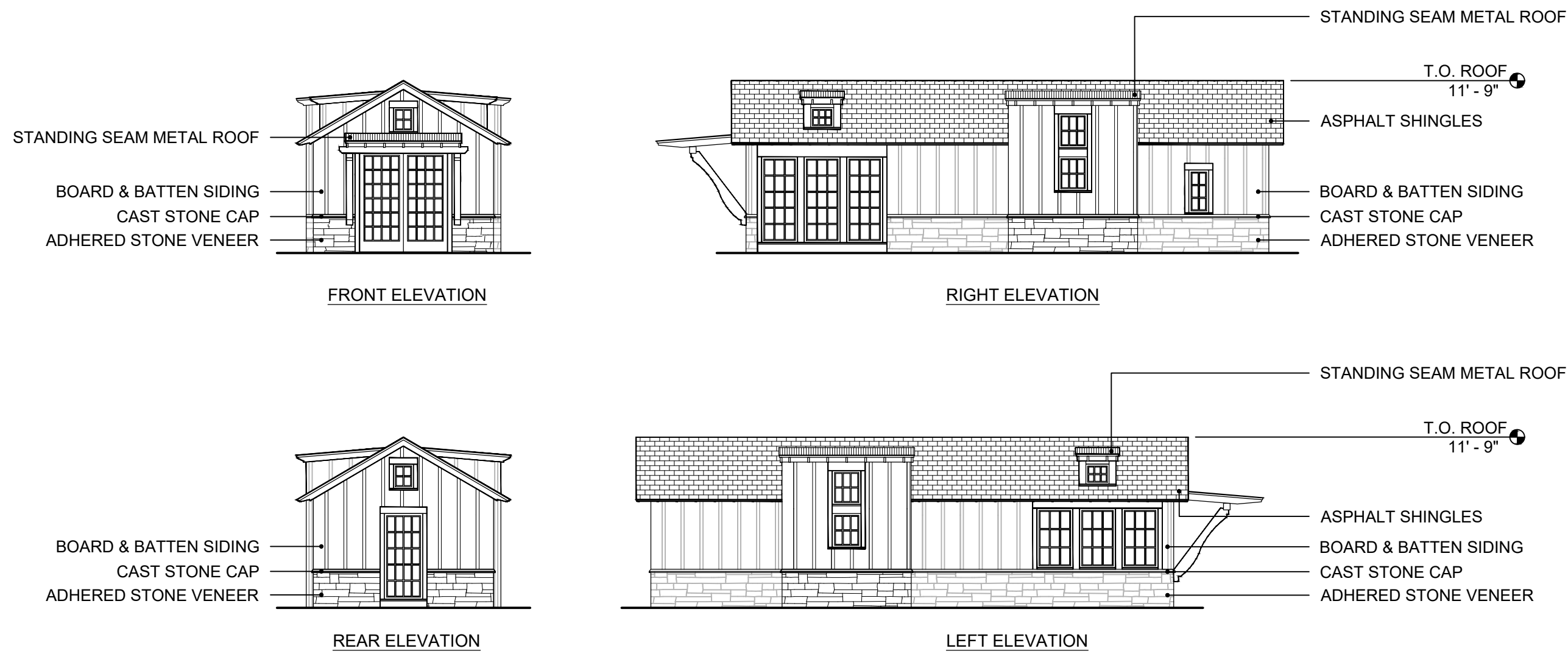
CSP #1 09/21/2018
CSP #2 06/11/2019
CSP #3 08/02/2019
CSP #4 09/26/2019
TECHNICAL REVIEW #2 11/07/2019
FOR MYLAR 12/02/2019
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AMENDMENT #1 (3) 08/21/2020
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AMENDMENT #3 12/01/2021

SHEET NUMBER

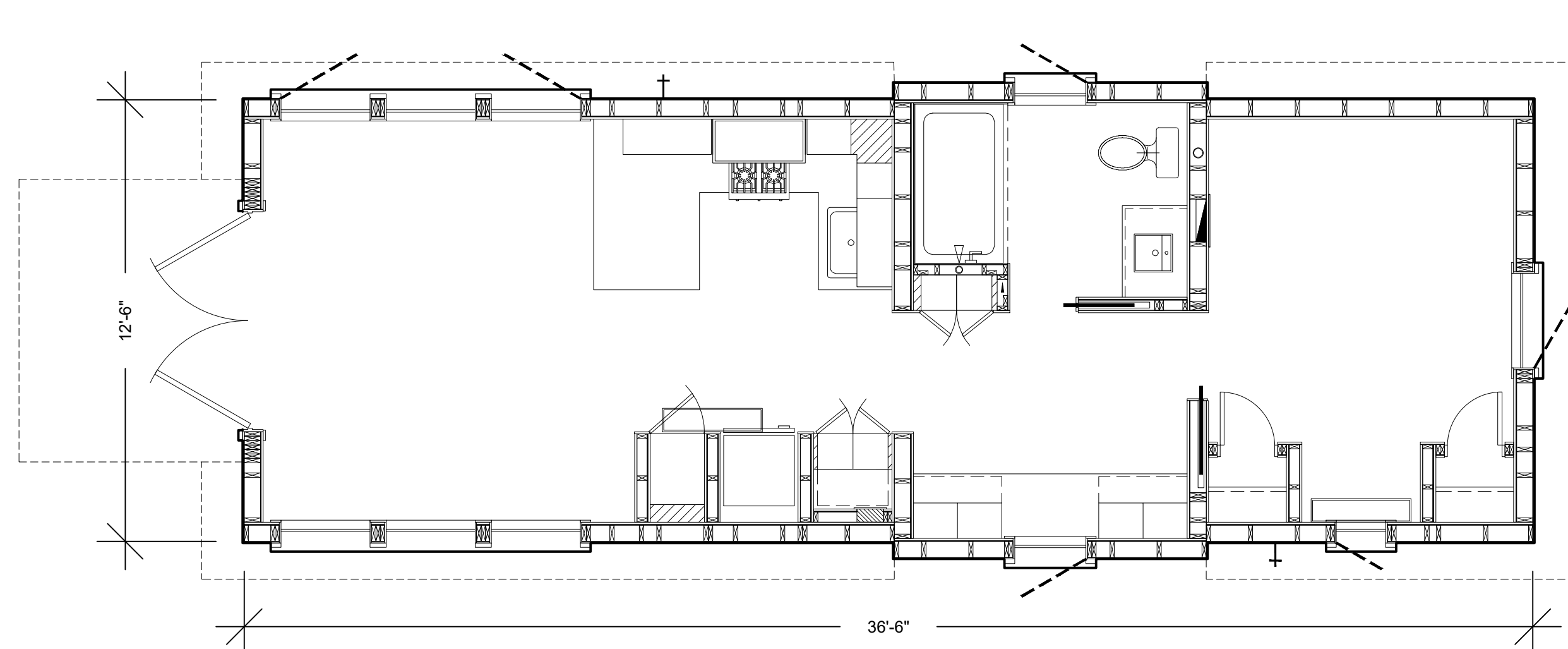
23

23 OF 28

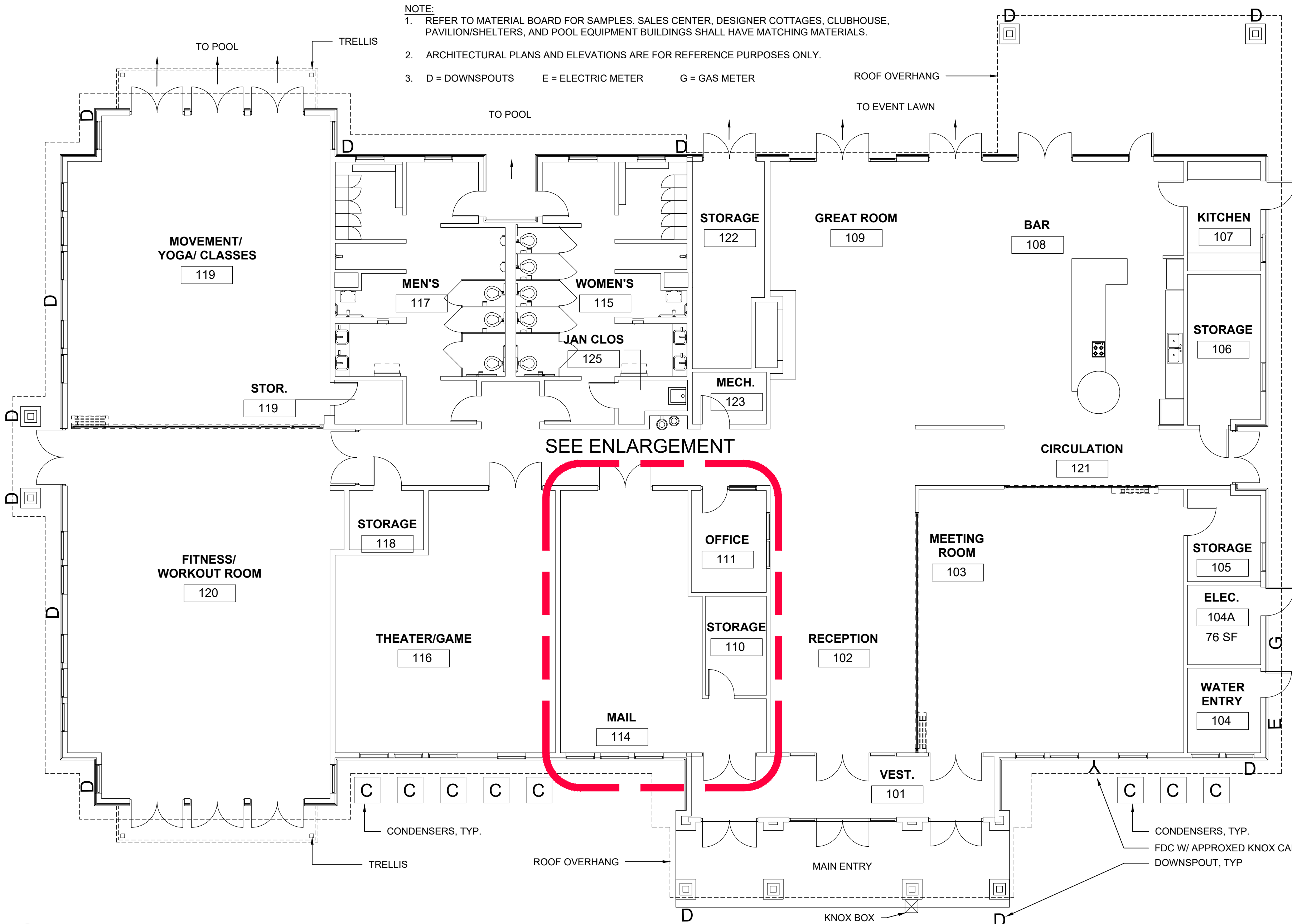
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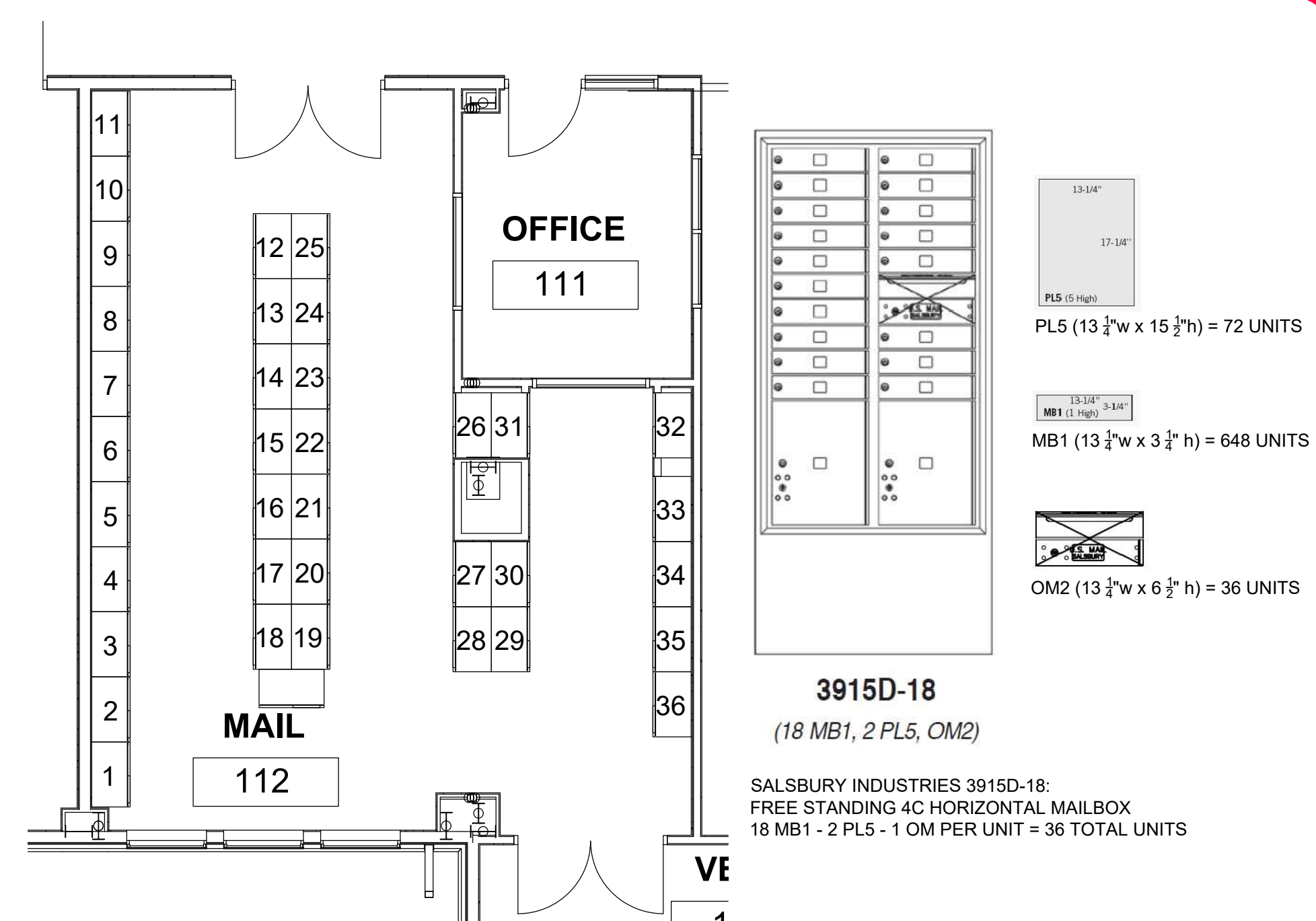
A DESIGNER COTTAGES - ELEVATIONS
SCALE: NTS



B DESIGNER COTTAGES - FLOOR PLAN
SCALE: NTS



C CLUBHOUSE PLAN
SCALE: 1/8"=1'-0"



D MAILBOX ROOM ENLARGEMENT & DETAILS
SCALE: NTS

BUILDING MATERIALS:



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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE CONTEXTUAL SITE PLAN DESIGNER COTTAGES & CLUBHOUSE

PROFESSIONAL STAMP

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SHEET NUMBER

24

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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
ELEVATIONS: CLUBHOUSE

PROFESSIONAL STAMP

PROJECT #: 171053
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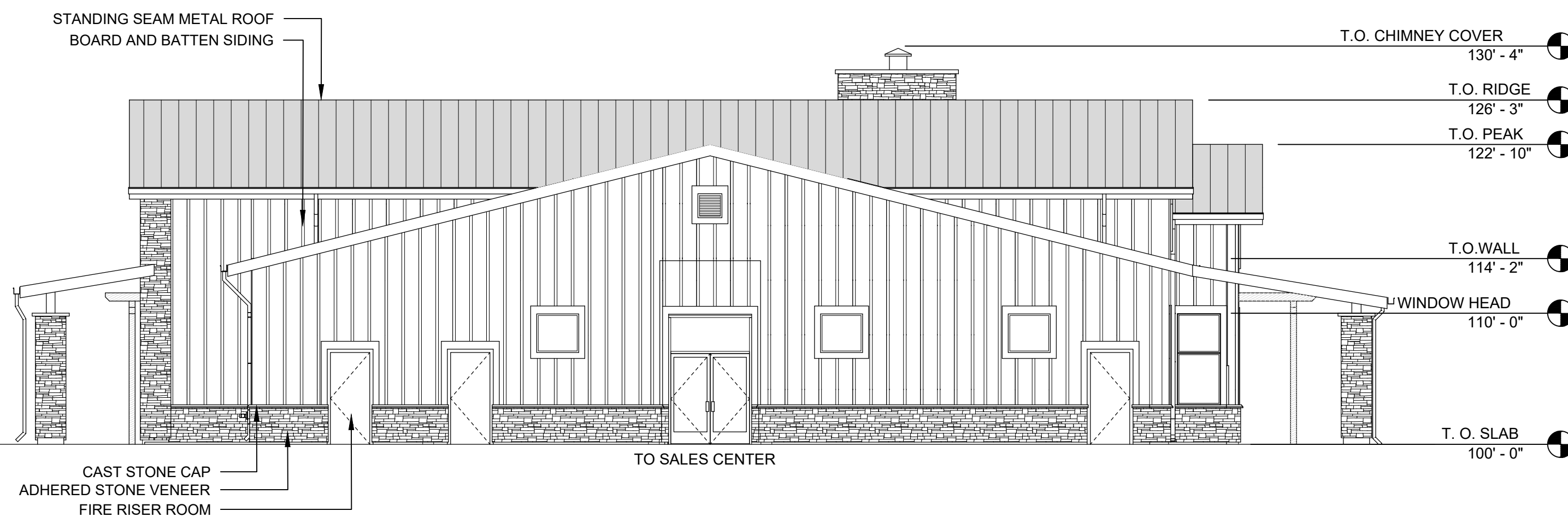
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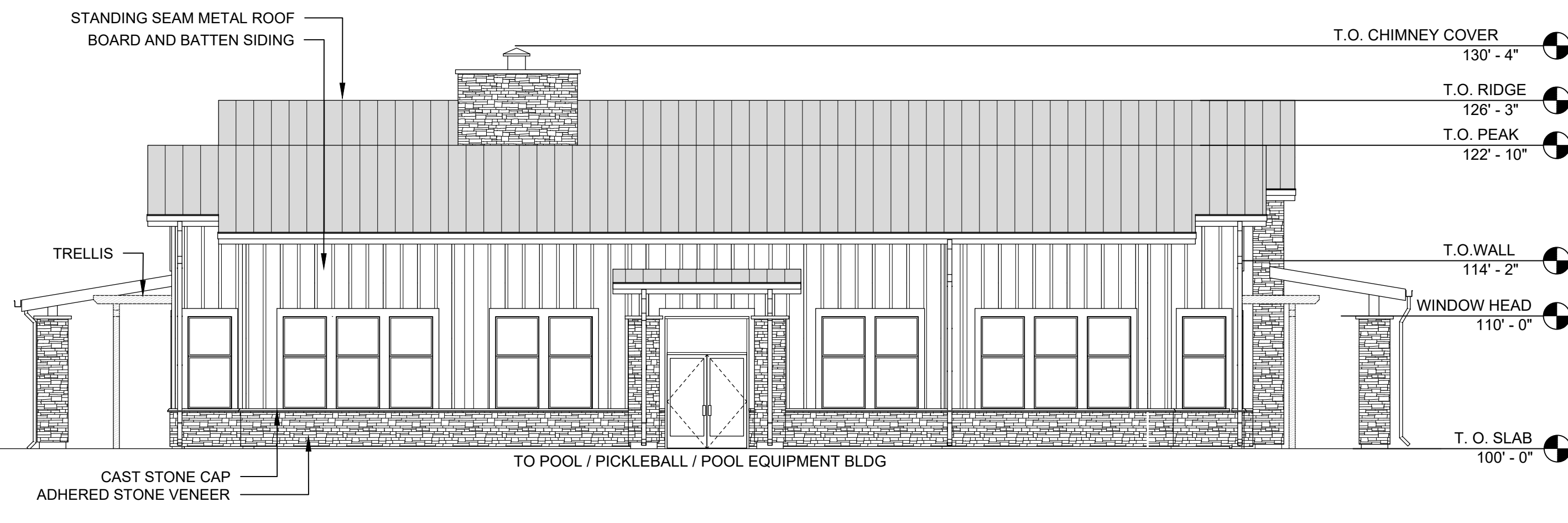
25
25 OF 28



A EAST ELEVATION (FRONT ENTRY)
SCALE: 1/8"=1'-0"



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



C SOUTH ELEVATION
SCALE: 1/8"=1'-0"



D WEST ELEVATION
SCALE: 1/8"=1'-0"

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GREEN VALLEY RANCH EAST
ACTIVE ADULT CLUBHOUSE
CONTEXTUAL SITE PLAN
SALES CENTER & POOL BLDG

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

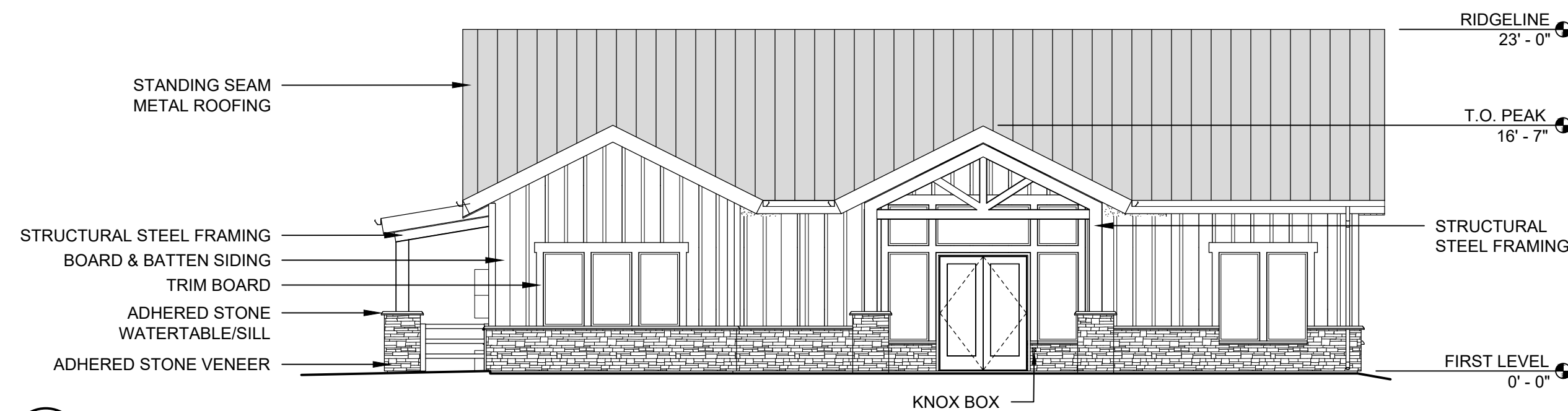
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SHEET NUMBER

26

26 OF 28



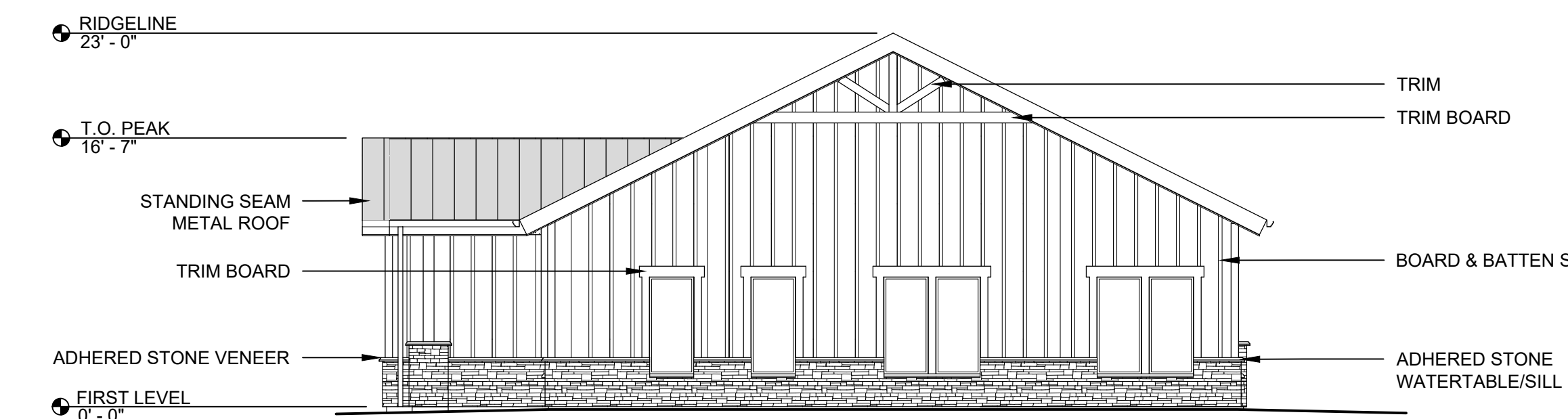
A SALES CENTER - EAST ELEVATION (FRONT ENTRY)

SCALE: 1/8"=1'-0"



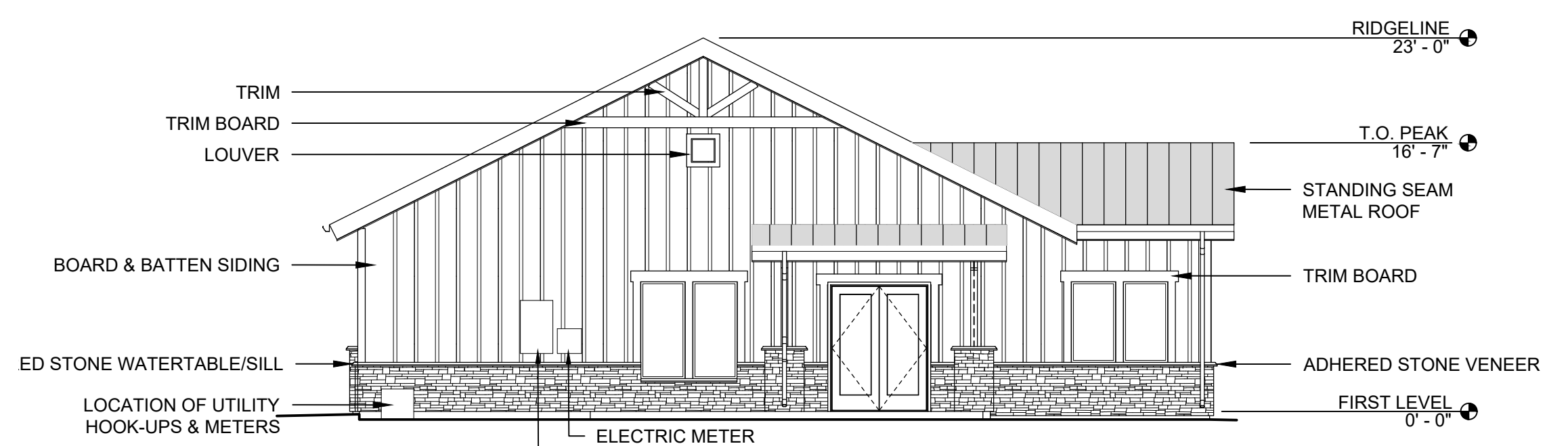
B SALES CENTER - WEST ELEVATION

SCALE: 1/8"=1'-0"



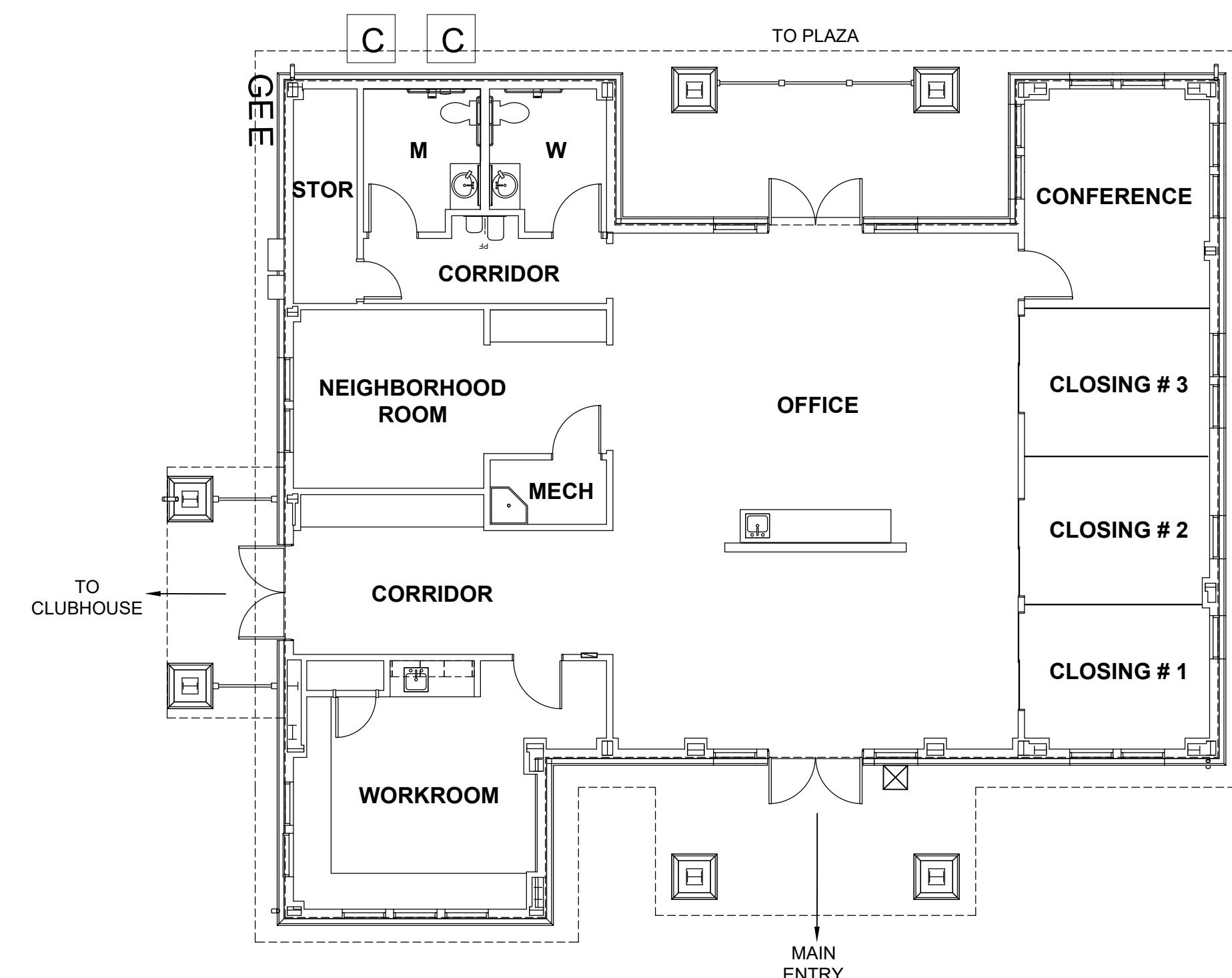
C SALES CENTER - NORTH ELEVATION

SCALE: 1/8"=1'-0"



D SALES CENTER - SOUTH ELEVATION

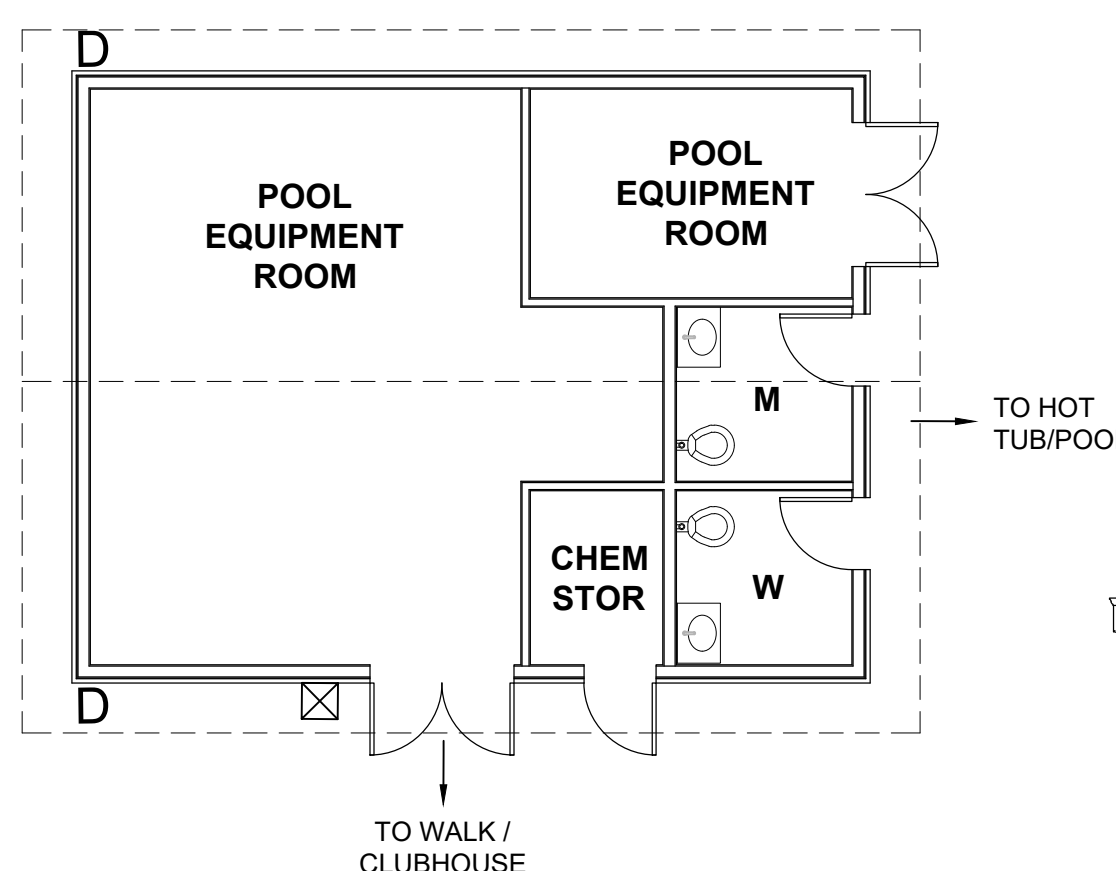
SCALE: 1/8"=1'-0"



E SALES CENTER PLAN

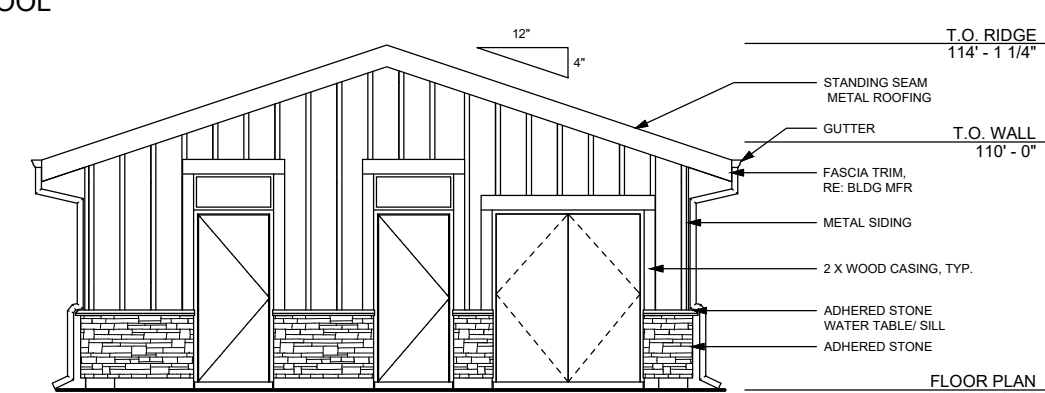
SCALE: 1/8"=1'-0"

NOTE:
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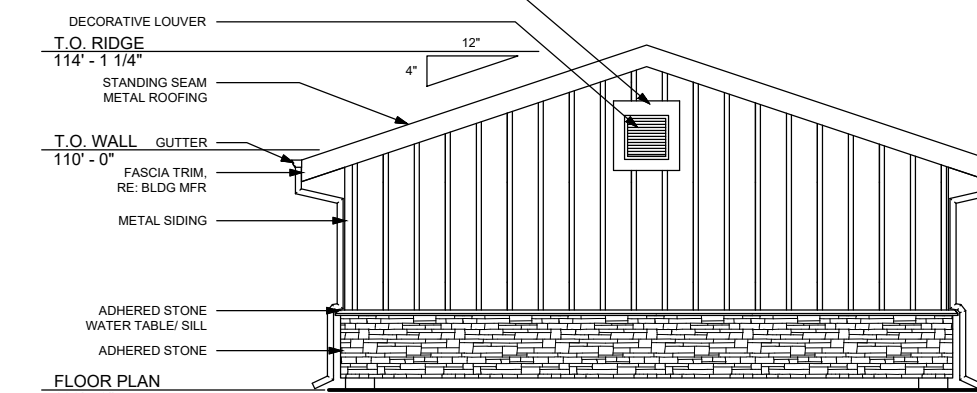
F POOL EQUIPMENT BUILDING PLAN

SCALE: 1/8"=1'-0"



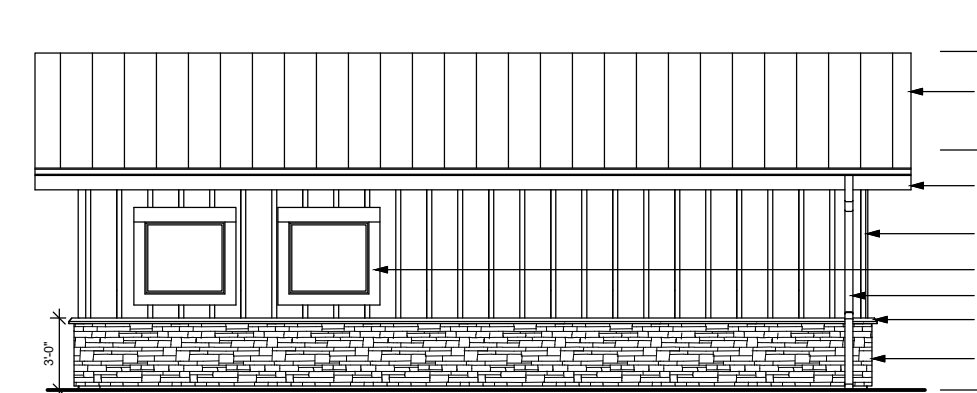
G POOL EQUIPMENT BUILDING - NORTH ELEVATION

SCALE: 1/8"=1'-0"



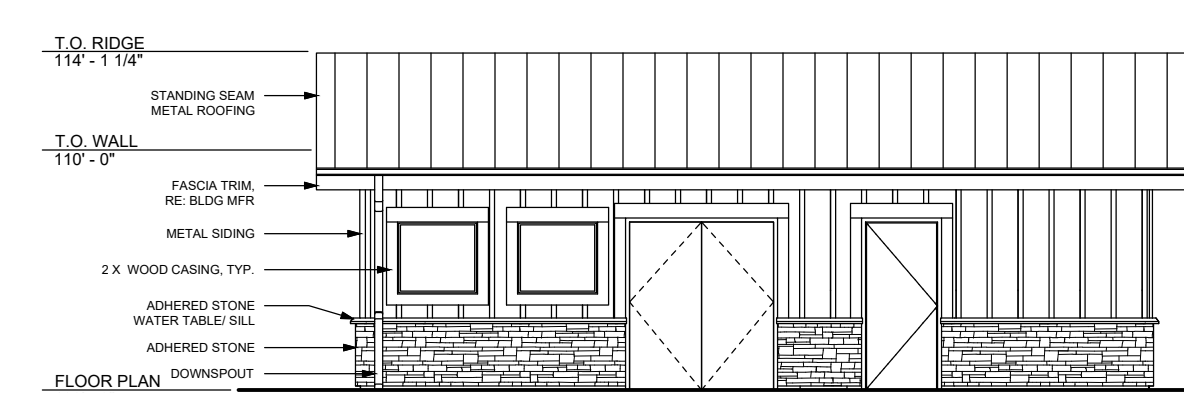
H POOL EQUIPMENT BUILDING - SOUTH ELEVATION

SCALE: 1/8"=1'-0"



I POOL EQUIPMENT BUILDING - EAST ELEVATION

SCALE: 1/8"=1'-0"



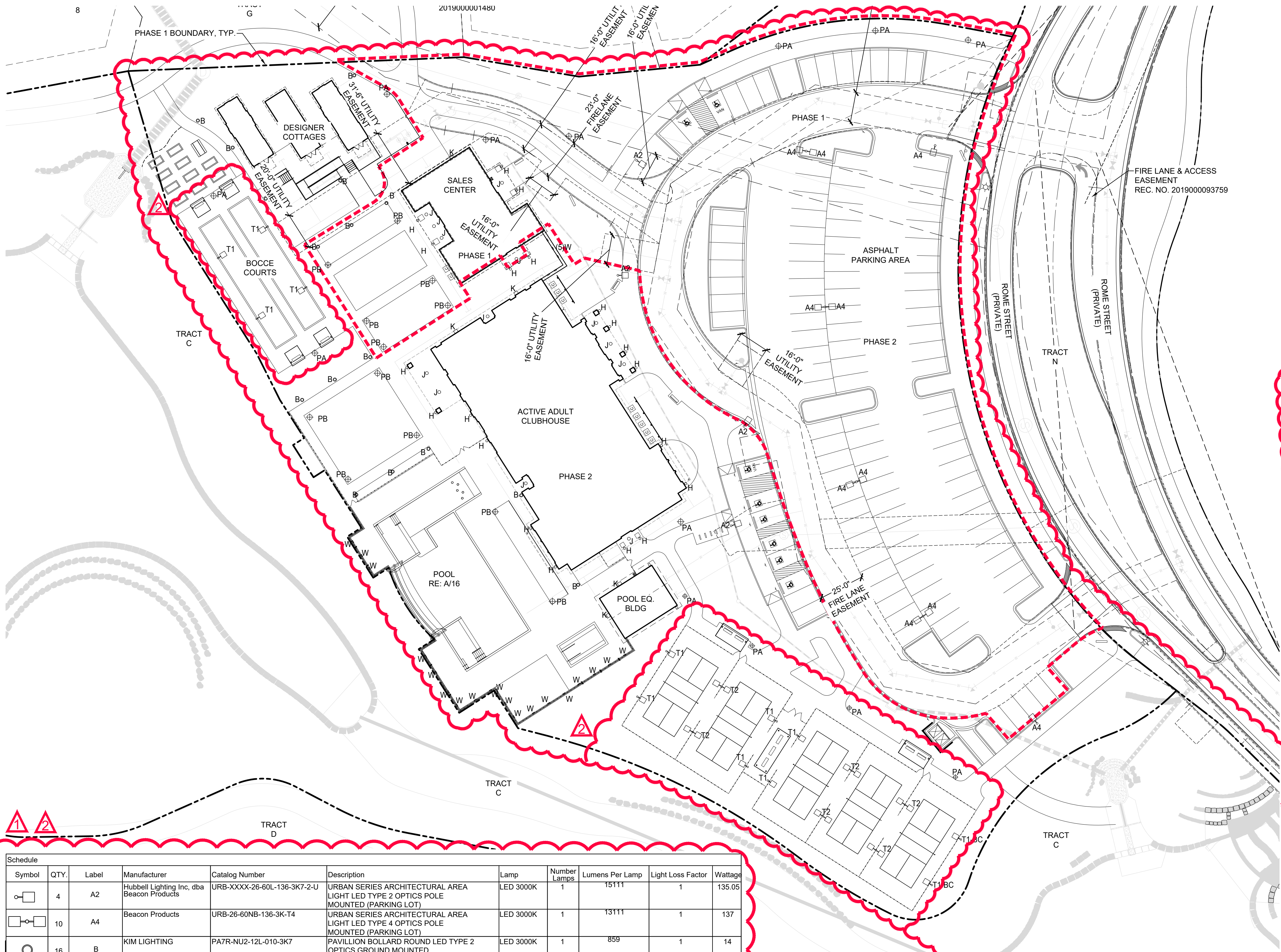
J POOL EQUIPMENT BUILDING - WEST ELEVATION

SCALE: 1/8"=1'-0"

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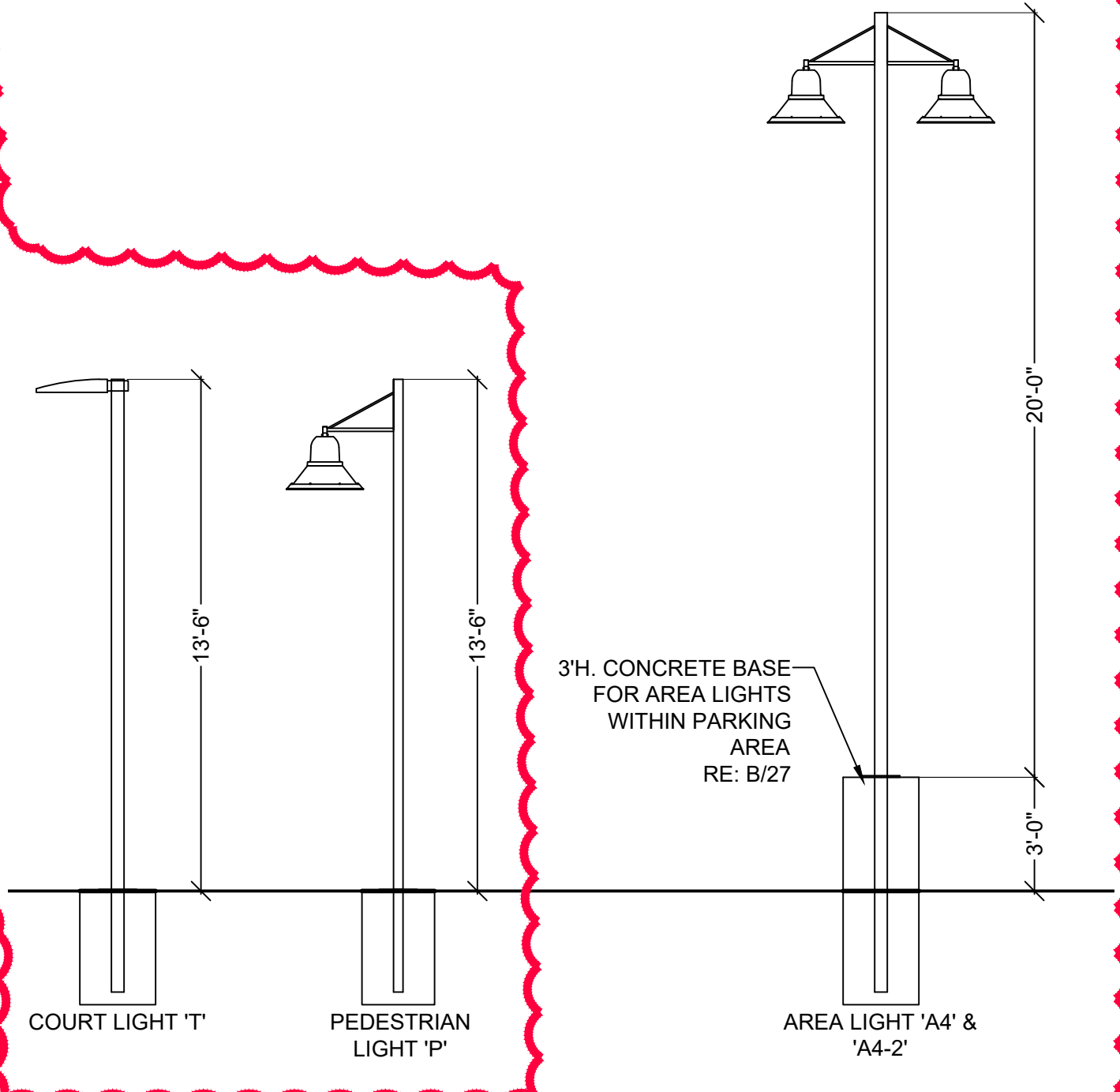


Schedule										
Symbol	QTY.	Label	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
	4	A2	Hubbell Lighting Inc, dba Beacon Products	URB-XXXX-26-60L-136-3K7-2-U	URBAN SERIES ARCHITECTURAL AREA LIGHT LED TYPE 2 OPTICS POLE MOUNTED (PARKING LOT)	LED 3000K	1	15111	1	135.05
	10	A4	Beacon Products	URB-26-60NB-136-3K-T4	URBAN SERIES ARCHITECTURAL AREA LIGHT LED TYPE 4 OPTICS POLE MOUNTED (PARKING LOT)	LED 3000K	1	13111	1	137
	16	B	KIM LIGHTING	PA7R-NU2-12L-010-3K7	PAVILLION BOLLARD ROUND LED TYPE 2 OPTICS GROUND MOUNTED	LED 3000K	1	859	1	14
	20	H	PROGRESS LIGHTING + CONTECH LIGHTING	P560078-020 + LG7003D-326-2700K-120V	DECORATIVE LED WALL SCONCE	LED 2700K	4	145	1	4,808
	13	J	CONTECH LIGHTING	SMTR530K12D1-S	ROUND LED 5" SHALLOW SURFACE MOUNT DOWNLIGHT	LED 3000K	1	864	1	11.2
	5	K	HUBBELL OUTDOOR LIGHTING	SG1-30-3K7-FT	Sling Series SLENDER WALL WALLPACK LED	LED 3000K	1	2911	1	29,228
	13	PA	Beacon Products	URB-21-24NB-27-3K-T2	URBAN SERIES ARCHITECTURAL AREA LIGHT LED TYPE 2 OPTICS POLE MOUNTED (PEDESTRIAN)	LED 3000K	1	2408	1	55.8
	12	PB	Hubbell Lighting Inc, dba Beacon Products	URB-XXXX-21-24L-55-3K7-4-U	URBAN SERIES ARCHITECTURAL AREA LIGHT LED TYPE 4 OPTICS POLE MOUNTED (PEDESTRIAN)	LED 3000K	1	5811	1	57
	16	T1/T2	Beacon Products	VPL-80L-235-3K7-4	LARGE VIPER ARCHITECTURAL AREA LIGHT TYPE 4 OPTICS (SPORTS AREA) (T2 HAS DOUBLE HEADS)	LED 3000K	1	23121	1	230.6
	2	T1-BC	Beacon Products	VPL-80L-235-4K7-4W-BC	LARGE VIPER ARCHITECTURAL AREA LIGHT TYPE 4 WIDE OPTICS (SPORTS AREA) (WITH HOUSE SIDE SHIELD)	LED 4000K	1	15048	1	230.6
	23	W	KIM LIGHTING	LLF10P35-20L3K	LED LOW LEVEL STEP LIGHT	LED 3000K	1	1248	1	21.2

CALCULATION SUMMARY						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
OVERALL SITE	+	3.7 fc	93.9 fc	0.0 fc	N/A	N/A
10' FROM PROPERTY LINE	+	0.14 fc	0.5 fc	0.0 fc	N/A	N/A
PARKING LOT	+	3.20 fc	9.7 fc	0.9 fc	10.78	3.55
PICKLEBALL COURTS	+	35.3 fc	51.0 fc	2.9 fc	12.93	6.96

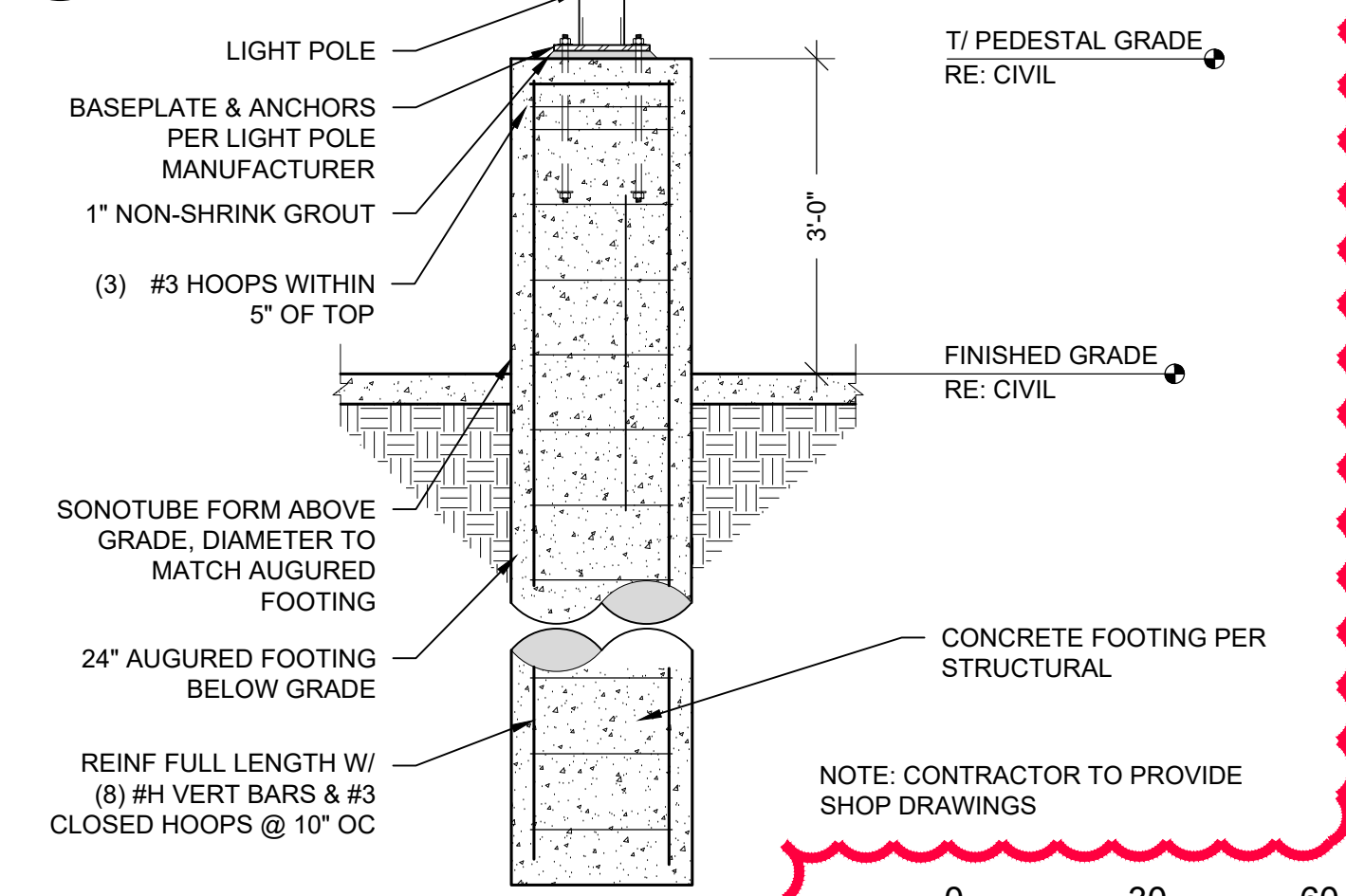
LIGHTING NOTES

- ANY PROPOSED LIGHT FIXTURES INSTALLED ON PRIVATE PROPERTY ADJACENT TO THE R.O.W. SHALL BE ORIENTED IN SUCH A MANNER OR LIMITED IN LUMEN OUTPUT TO PREVENT GLARE PROBLEMS AND SHALL NOT EXCEED NATIONAL I.E.S LIGHTING STANDARDS FOR DISABILITY GLARE.
- LIGHT LOSS FACTOR = 1.0
- TYPES 'G' AND 'H' MODELED TO SHOW LIKELY OUTPUT (NO IES FILES FOR THOSE TYPES ARE AVAILABLE)
- TYPE 'A4' AND 'A4-2' MOUNTED AT 23' ABOVE FINISH GRADE TO BOTTOM OF FIXTURE. (CIVIL/STRUCTURAL ENGINEER TO DETERMINE APPROPRIATE CONCRETE BASE SIZE. POLE HEIGHT SHALL BE DETERMINED ACCORDINGLY TO ACHIEVE 23' AFG MOUNTING HEIGHT).
- TYPE 'T' AND 'P' MOUNTED AT 13.5' ABOVE FINISH GRADE TO BOTTOM OF FIXTURE. (CIVIL/STRUCTURAL ENGINEER TO DETERMINE APPROPRIATE CONCRETE BASE SIZE. POLE HEIGHT SHALL BE DETERMINED ACCORDINGLY TO ACHIEVE 13.5' AFG MOUNTING HEIGHT).
- COURT LIGHTING IS ON A TIMER FROM THE HOURS OF 4PM UNTIL 10PM. NO LIGHTS WILL BE ALLOWED TO TURN ON AFTER 10 PM.
- ILLUMINATION WITHIN THE SITE SHALL COMPLY WITH THE 2015 INTERNATIONAL BUILDING CODE REQUIREMENT FROM SECTION 1006 - MEANS OF EGRESS ILLUMINATION. "ILLUMINATION REQUIRED: THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING IS OCCUPIED." AND SECTION 1006.2 ILLUMINATION LEVEL. "THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE FLOOR LEVEL, AND CONTINUING TO THE PUBLIC WAY."
- THE MAXIMUM HEIGHT FOR THE FREESTANDING LIGHTPOLES IS 23'. REFER TO DETAIL A THIS SHEET
- NO LIGHTPOLES OR BOLLARDS SHALL BE LOCATED WITHIN UTILITY EASEMENTS AND ARE TO BE AT PLACED AT LEAST 5' FROM UTILITY/SEWER LINES.



A LIGHTPOLE HEIGHTS

SCALE: NTS



B BOLLARD

SCALE: NTS



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GREEN VALLEY RANCH EAST ACTIVE ADULT CLUBHOUSE CONTEXTUAL SITE PLAN SITE PLAN: PHOTOMETRIC

PROFESSIONAL STAMP

PROJECT #: 171053
DRAWN BY: LAI
CHECKED BY: JC

ISSUE RECORD

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URBAN
SERIES

URBAN LUMINAIRE

Cat.#

Job

Type

Approvals

SPECIFICATIONS

Intended Use:

The Beacon Urban luminaire is available with a choice of different LED wattage configurations, shapes, sizes and optical distributions designed to replace HID lighting up to 400W MH or HPS.

Construction:

- The drivers shall be located in the top cast housing and shall be accessible without tools by hinging the lower shade assembly. The driver and all electrical components shall be on a tray.
- The lower shade shall be made from a one-piece aluminum spinning.
- The housing is designed for LED thermal management without the use of metallic screens, cages, or fans. The top casting shall be able to be pendant mounted in place with a stainless steel safety pin and then permanently held in place with four stainless steel bolts.

Electrical:

- 100W through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.
- Power factor is >0.98 at full load.
- Dimming drivers are standard with connections for external dimming equipment available upon request.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is listed by UL for use at 600VAC at 50°C or higher.
- Plug disconnects are listed by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary (AC) side only.
- Future electrical compartment shall contain all LED driver components.
- Button photocell available.
- Ambient operating temperature -40°C to 40°C
- Surge protection - 20KA.
- LifeShield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. A luminaire equipped with the device may be reliably operated in any ambient temperature up to 50°C (131°F). Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "tail out", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with Emergent for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night visit.
- Urban can be specified with **SiteSync™** wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit: www.hubbellighting.com/products/siteync/ for more details.

Finish:

- IPS polyester powder-coat electrostatically applied and thermocured.
- IPS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TIGC polyester powder coat finish.
- The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D2222 and resists surface impacts of up to 160 inch-pounds.

Certifications:

- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/DLC>.
- NRTL Certified, UL5750, UL 1598 and CSA22-24950, 13-14 for wet locations.
- IDA approved.
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: <http://www.beaconproducts.com/products/urban>

Warranty:

Five year limited warranty for more information visit: www.hubbellighting.com/resources/warranty

PRODUCT IMAGE(S)

STYLES

CERTIFICATIONS/LISTINGS

BEACON

Hubbell Lighting

Beacon Products • 2041 58th Avenue Circle East, Bradenton, FL 34203 • Phone: 800-345-4928

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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FINISH: POWDERCOAT
COLOR: BLACK

URBAN
SERIES

URBAN LUMINAIRE

Cat.#

Job

Type

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- The drivers shall be located in the top cast housing and shall be accessible without tools by hinging the lower shade assembly. The driver and all electrical components shall be on a tray.
- The lower shade shall be made from a one-piece aluminum spinning.
- The housing is designed for LED thermal management without the use of metallic screens, cages, or fans. The top casting shall be able to be pendant mounted in place with a stainless steel safety pin and then permanently held in place with four stainless steel bolts.

Electrical:

- 100W through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.
- Power factor is >0.98 at full load.
- Dimming drivers are standard with connections for external dimming equipment available upon request.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is listed by UL for use at 600VAC at 50°C or higher.
- Plug disconnects are listed by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary (AC) side only.
- Future electrical compartment shall contain all LED driver components.
- Button photocell available.
- Ambient operating temperature -40°C to 40°C
- Surge protection - 20KA.
- LifeShield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. A luminaire equipped with the device may be reliably operated in any ambient temperature up to 50°C (131°F). Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "tail out", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with Emergent for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night visit.
- Urban can be specified with **SiteSync™** wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit: www.hubbellighting.com/products/siteync/ for more details.

Finish:

- IPS polyester powder-coat electrostatically applied and thermocured.
- IPS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TIGC polyester powder coat finish.
- The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D2222 and resists surface impacts of up to 160 inch-pounds.

Certifications:

- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/DLC>.
- NRTL Certified, UL5750, UL 1598 and CSA22-24950, 13-14 for wet locations.
- IDA approved.
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: <http://www.beaconproducts.com/products/urban>

Warranty:

Five year limited warranty for more information visit: www.hubbellighting.com/resources/warranty

PRODUCT IMAGE(S)

STYLES

CERTIFICATIONS/LISTINGS

BEACON

Hubbell Lighting

Beacon Products • 2041 58th Avenue Circle East, Bradenton, FL 34203 • Phone: 800-345-4928

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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FINISH: POWDERCOAT
COLOR: BLACK

PEDESTRIAN LIGHT 'P'

SCALE: NTS

KIMLIGHTING

PA7R
Pavilion™ Bollard kL_pa7r_spec.pdf

JOB

TYPE

NOTES

APPROVALS

CERTIFICATIONS

SPECIFICATIONS

ORDERING CODE

Model	Top	Optics	Distribution	Light Engine
PA7R Pavilion™ 7" Round	[T] Flat Top	[NU] No Up-light	1 Type I	12L-010-3-K7 14W (1000 nominal lm), 3000K, 70 CRI
	[CT] Crowned Top	[CL] Clear Vertical Lens	2 Type II	12L-010-4-K7 14W (1000 nominal lm), 4000K, 70 CRI
		[CL] Clear Vertical Lens	3 Type III	12L-010-3-K7 14W (1000 nominal lm), 3000K, 70 CRI
		[DL] Diffuse Vertical Lens	3HS Type II + House side shield	12L-010-AMB 14W, Amber 960 nm Monochromatic
		[LV] Louvers	4 Type IV	12L-020-3-K7 22W (2000 nominal lm), 3000K, 70 CRI
		[GC] Grille with clear vertical lens	5 Type V	12L-020-4-K7 22W (2000 nominal lm), 4000K, 70 CRI
		[GD] Grille with diffuse vertical lens		12L-020-3-K7 22W (2000 nominal lm), 3000K, 70 CRI
				12L-020-AMB 22W, Amber 960 nm Monochromatic

24A 24" OAK Aluminum

12A 12" OAK Aluminum

42B-C 42" OAK, Natural Concrete

42B-C 42" OAK, Natural Gray Concrete

42A-RDP 42" OAK Aluminum + Dual Receptacle

42A-RDP-L 42" OAK Aluminum + Dual Receptacle

42A-2GB 42" OAK Aluminum + Integral Receptacle

42A-5G3 42" OAK Aluminum + Speaker Grille

BL Black

DB Dark Bronze

LG Light Gray

GT Graphite

PS Platinum Silver

TT Titanium

WH White

RAL RAL Color

CC Custom Color

SWP- SiteSync pre-commission

DB- Motion sensing 50% dim

LG- Light Gray

GT- Graphite

SWUS- SiteSync Software on USB

SWTB- SiteSync Wireless

SWBG- Bridge Node

12V 120V

120V 120V

227V 208-277V

347V 347V

480V 480V

EM- Battery Backup

LM- Luminaire Accent

SP- Single Pole

DP- Double Pole

1 Adds 6/15mm to OAK (over all heights).

2 CL and DL configurations shall be 100%.

3 Only available with 1 Type I or 5 Type V distributions only.

4 24" typical coverage area, not available with CL.

5 Specify group and zone at time of order. See www.hubbellighting.com/techspecs for more details. Order at least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync, License, GUI, and Bridge Node.

6 Dedicated input voltage, required for KIM Medium voltage.

7 20°C min starting temperature, 90+ minute run time, output equivalent to 12-010-K7.

8 Adds +5 volts and 1" / 254mm to overall height.

9 5ft for 12A, 27ft and 34ft input voltage, DF for 208, 240 and 480 input voltage.

PHOTOGRAPHY BY: JIMMY HARRIS

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Kim Lighting reserves the right to change specifications without notice.

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1-855-986-5666 | 626-369-2955 | www.kimlighting.com | Rev. May, 15, 2018

FINISH: POWDERCOAT
COLOR: BLACK

DECORATIVE LED WALL SCONCE 'H' (OR EQUIVALENT)

SCALE: NTS

MANUFACTURER: PROGRESS LIGHTING

MODEL: P560078-020

LIGHT BULB

MANUFACTURER: CONTECH

MODEL: LG70003D-326-2700K-120V

COLOR: DARK BRONZE

KIMLIGHTING

LLF10 LED
Low Level Floodlight; Direct Lens, Symmetric Downward
revised 3/15/18 • kL_llf10led_spec.pdf

Type:

Job:

Catalog number:

LLF10P35 /

Electrical Module

Finish

Options

Approvals:

Date:

Page: 1 of 4

SPECIFICATIONS

Housing and Junction Box: Die-cast, low-copper (<0.6% Cu) aluminum to prevent corrosion when cast in concrete. Junction box shall have an internally removable cover, a volume of 25 cu in., and four 1" NPT conduit taps. Two taps in the bottom and one in each end, all with removable plugs. Housing and junction box further protected for permanence by a clear anodize coating. Housing and junction box to keep the housing clean until the electrical components are installed.

Four Items: Aluminum housing and junction box only, less any electrical or optical components.

Finishing Items: Electrical module, reflector and door frame. Each set of finishing items shall be in one container, clearly marked for the fixture catalog number.

Door Frame: Die-cast, low-copper (<0.6% Cu) aluminum with a fine pebbled texture on the outer surface. Trapezoidal outer contour tilts the lens 18° from vertical. Door frame secured to housing by four captive stainless steel countersunk socket head screws. (LLF10) Tempered ionomeric glass, 3/16" min. thickness, with a smooth outer surface flush with the door frame, and vertical inside flange. Lens is fully sealed around the perimeter with a silicone gasket and is retained by zinc plated steel clips.

Gasketing: One-piece molded silicone between the door frame and housing. A neoprene gasket provided between the junction box and housing. The entire fixture is weather tight.

Electronic Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module includes a driver, thermal control device and surge protector. Electrical and optical modules attaches to housing with stainless steel hardware, accessible by opening the lens frame. Driver is rated for 4091 starting and has a 0-10V dimming interface with a dimming range of 10-100%. Approved dimmers include Lutron Diva AVTY, Lutron Nova NTV and NTVTY. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.

Optical Module: Each precision, replaceable PicoBeam is positioned to achieve directional control toward desired task. The entire optical system fastens to the housing as a one-piece module.

Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, individual isocyanurate (TCC) polyester powder coat finish. Standard colors include (BU) Black, (DB) Dark Bronze, (WH) White, (PS) Platinum Silver, (LG) Light Gray, and (CC) Custom Color (includes RAL).

Listed To: UL 1598 Standard for Luminaires - UL 1505 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2-250.0 Luminaires.

Warranty: Kim Lighting warrants Low Level Floodlight LED products sold by Kim Lighting to be free from defects in material and workmanship for (i) a period five (5) years for metal parts, (ii) a period of five (5) years for exterior housing paint finish(s), (iii) a period of five (5) years for LED Light Engines and, (iv) a period of five (5) years for LED power components (driver, surge protector and LifeShield™ device), from the date of sale of such goods to the buyer as specified in Kim Lighting shipment documents for each product.

Caution: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

KEY DATA

Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Fixture Projected Life (Hours)	170-50K
Weights lbs. (kg)	4.3-11 (2.0-5.0)

FINISH: POWDERCOAT
COLOR: BLACK

CONTECH LIGHTING

LEVITON company

Catalog No.

Type

Project

SPECIFICATIONS/FEATURES

Luminaire

Slim architectural design with optical diffusion lens providing even illumination.

Edge-It LED configuration for low glare light pattern.

Available in 5" or 7" Round and 6" Square; 4" Square available upon request.

Standard finish options include White and Silver. Black finish available upon request, please consult factory.

Mounts to NEC approved 4" round or octagon junction box with minimum depth of 1-1/2".

Lamp/Electrical

5" Round: 11W, 770 Delivered Lumens

7" Round: 14W, 1000 Delivered Lumens

6" Square: 14W, 1000 Delivered Lumens

Standard color temperature options include 3000K (80 and 90 CRI) and 4000K 80 CRI. Additional color temperature options are available upon request, please consult factory.

Designed and rated for 50,000 hours at 70% lumen maintenance.

Integrated driver with 120VAC input, TRIAC/ELV dimming.

120-277VAC with 0-10V dimming option available upon request, please consult factory.

Warranty:

This complete fixture is covered by Contech's full five (5) year replacement guarantee after date of purchase.

Listing:

cETLus listed. Suitable for wet locations (covered ceiling).

Energy Star Listed.

Suitable for use in closets when installed in accordance with NFPA 70, NEC® Section 410.16.

ORDERING INFORMATION

Example Order: SMTS530K1ZD1 - S

Fixture	Color Temperature	Driver	Finish
SMTS5 - 5" Round LED	30K - 3000K, 80CRI	12D1 - 120V Triac	S - Silver/Aluminum
SMT5R - 7" Round LED	30K - 3000K, 90CRI		W - White
SMTS6 - 6" Square LED	40K - 4000K, 80CRI		

1-847-559-5500

www.contechlighting.com

Please Recycle

All specifications subject to change without notice.

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