

**PRELIMINARY -  
FOR ESTIMATING  
AND REVIEW ONLY**

EXISTING LAND USE  
LOCAL BUSINESS COMMERCIAL DISTRICT (LB-1)  
w/ DEVELOPMENT INCENTIVE OVERLAY

PROPOSED LOT 1:  
13,231 SF = 0.301 ACRES  
PROPOSED GSR = 12,400 SF  
PROVIDED PARKING SPACES SHOWN = 31 SPACES  
12.91 SPACES PER 1,000 SF FLOOR AREA

PROPOSED LOT 2:  
12,938 SF = 0.296 ACRES  
PROPOSED GSR = 12,450 SF  
PROVIDED PARKING SPACES SHOWN = 25 SPACES  
10.2 SPACES PER 1,000 SF FLOOR AREA

THIS SITE PLAN IS PRELIMINARY AND TO BE USED FOR CONCEPTUAL PURPOSES ONLY - INCLUDES INFORMATION FROM SEVERAL SOURCES, NO EXTENSIVE SURVEY, SITE OR ZONING RESEARCH HAS BEEN COMPLETED. SOME ASSUMPTIONS AND ESTIMATES HAVE BEEN MADE. SITE PLAN REQUIRES CONFIRMATION AND FURTHER DEVELOPMENT FROM SURVEYOR AND CIVIL ENGINEER, TYP. ALL SQUARE FOOTAGES AND DIMENSIONS PROVIDED ARE APPROXIMATE.

PLAN NORTH  
**SITE PLAN**  
1  
1"=20'-0"

logico design & architecture, inc.

Project Manager: AJS  
Job Number: 19-036

Additional Info	
Project Name	
<p><b>Proposed Outlot</b> 350 West Layton Ave Milwaukee, WI 53207</p>	
Dates/Revisions	
02.04.22	CITY OF MILWAUKEE REVIEW
02.07.22	REVISED SITE PLAN
03.10.22	REVISED SITE PLAN
04.11.22	REVISED SITE PLAN
04.21.22	REVISED SITE PLAN
Drawing Title	
<b>CONCEPTUAL SITE PLAN</b>	
<b>SP1.1-J</b>	

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- PRELIMINARY -  
NOT FOR CONSTRUCTION



**LANDSCAPE PLAN GENERAL NOTES**

PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH.

- AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNERS REPRESENTATIVE THE SITE MECHANICAL, SITE ELECTRICAL, SITE LIGHTING, SITE DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNERS "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.
- ALL PLANTINGS SPECIFIED FOR THE 5th & LAYTON PROJECT PLANTING TABLES SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.
- ALL DEVIATIONS FROM THE APPROVED 5th & LAYTON PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWINGS BY THE CONTRACTOR AND MAY BE EXECUTED ONLY WITH PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
- ALL PLANTS MUST BE BID AND SELECTED PER THE SPECIES SPECIFIED ON THE PLANS. ANY SPECIES SUBSTITUTIONS MUST BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, IF EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED.
- PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.
- ALL AREAS THAT WERE DISTURBED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SODED/SEEDED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.
- CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.
- QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.
- CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING, ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITION.
- WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECTS ATTENTION FOR COORDINATION AND RESOLUTION.
- ALL DISEASED, NOXIOUS OR INAPPROPRIATE MATERIALS SHALL BE REMOVED FROM THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.
- GENERAL CONTRACTOR SHALL LEAVE THE SITE FREE OF CONSTRUCTION DEBRIS.
- ALL LAWN AND PLANTING AREAS SHALL SLOPE TO DRAIN A MINIMUM OF 2% UNLESS NOTED OTHERWISE AND REVIEWED WITH OWNER'S REPRESENTATIVE FOR FINAL APPROVAL.
- FINISH GRADES FOR SHRUB AND GROUND COVER AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENTS AND CURBS, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO LSP1.4 FOR FURTHER INFORMATION.
- ALL PERENNIAL, ANNUAL AND GROUND COVER AREAS TO RECEIVE A BLEND OF ORGANIC SOIL AMENDMENTS PRIOR TO PLANTING. TILL THE FOLLOWING MATERIALS INTO EXISTING TOPSOIL TO A DEPTH OF APPROXIMATELY 8". A DEPTH OF 12" IN TREE PITS. PROPORTIONS AND QUANTITIES MAY REQUIRE ADJUSTMENT DEPENDING ON THE CONDITION OF EXISTING SOIL. REFER TO LSP1.4 FOR FURTHER INFORMATION.  
**PER EVERY 100 SQUARE FEET ADD:** ONE - 2 CUBIC FOOT BALE OF FEAT MOSS, 2 POUNDS OF 5-10-5 GARDEN FERTILIZER, 1/4 CUBIC YARD OF COMPOSTED MANURE OR OTHER COMPOSTED, ORGANIC MATERIAL
- ALL SHRUBS TO BE POCKET PLANTED WITH A 50/50 MIX OF COMPOSTED, ORGANIC MATERIAL AND EXISTING SOIL. INSTALL TOPSOIL INTO ALL BEDS AS NEEDED TO ACHIEVE PROPER GRADE. REMOVE ALL EXCESSIVE GRAVEL, CLAY AND STONES. REFER TO LSP1.4 FOR FURTHER INFORMATION.
- PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT ROOT FLARE. BACK FILL HOLE WITH 2/3 EXISTING TOPSOIL AND ORGANIC SOIL AMENDMENTS SPECIFIED IN NOTE 15. AVOID ANY AIR POCKETS. DISCARD ANY GRAVEL CLAY OR STONES. REFER TO LSP1.4 FOR FURTHER INFORMATION.
- ALL TREES TO BE INSTALLED, STAKED AND GUYED ACCORDING TO DETAILS. REFER TO ANSI STANDARDS FOR PLANTING 2012 AND DETAILS ON LSP1.4 FOR FURTHER INFORMATION.
- PROVIDE A 4'-0" - 5'-0" DIAMETER MULCH RING AT THE ROOT BALL FLARE OF ALL LAWN TREES.
- ALL PLANTINGS TO BE WATERED AT THE TIME OF PLANTING, THROUGHOUT CONSTRUCTION AND UPON COMPLETION OF PROJECT AS REQUIRED.
- WHERE SPECIFIED, ALL PLANT BEDS, PITS AND TREE RINGS ARE TO RECEIVE A MINIMUM OF 2" - 3" DRESSING OF SHREDDED HARDWOOD OAK BARK MULCH SHAVINGS FREE OF GROWTH, WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE OR GERMINATION INHIBITING INGREDIENTS. LANDSCAPE CONTRACTOR TO PROVIDE A SAMPLE TO OWNER FOR APPROVAL. CONTRACTOR TO TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO LSP1.4 FOR FURTHER INFORMATION.
- LAWN INSTALLATION: CONTRACTOR TO FURNISH AND PREPARE TOPSOIL (3" MIN) AND SEED BED (REMOVE ALL STONES 1" OR LARGER), APPLY STARTER FERTILIZER AND SEED UNIFORMLY. PROVIDE A MULCH COVERING SUITABLE TO GERMINATE AND ESTABLISH TURF. EROSION CONTROL MESH SHOULD BE USED IN SWALES AND STEEP GRADES WHERE APPLICABLE. METHODS OF INSTALLATION MAY VARY AT THE DISCRETION OF CONTRACTOR. IT IS HIS/HER RESPONSIBILITY TO ESTABLISH AND GUARANTEE A SMOOTH, UNIFORM, QUALITY TURF. IF STRAW MULCH IS USED AS A COVERING, A TACKIFIER MAY BE NECESSARY TO AVOID WIND DAMAGE.
- DELUXE 50 GRASS SEED MIX REINDER'S (800) 785-3301**  
20% KENTUCKY BLUE GRASS  
15% NEWPORT KENTUCKY BLUE GRASS  
15% SR 2100 Kentucky Bluegrass  
25% Creeping Red Fescue  
15% Replicator Perennial Ryegrass  
10% Fiesta 4 Perennial Ryegrass  
APPLY AT A RATE OF 200 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS & INSTALLATION CUT SHEETS FOR FURTHER FORMATION
- DURING THE INITIAL "30 DAY MAINTENANCE PERIOD" THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE AND ON-GOING PLEASANT VISUAL ENVIRONMENT WHEREAS ANY PLANT WHICH IS NOT RESPONDING TO TRANSPLANTING OR THRIVING SHALL IMMEDIATELY BE REPLACED. NEW LAWNS SHALL BE WATERED AND REPAIRED AND WEEDS MUST CONSTANTLY BE REMOVED, NO EXCEPTIONS WILL BE GRANTED.  
**MAINTENANCE NOTE:**  
MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN REQUIRED LANDSCAPING IN ACCORDANCE WITH THE MUNICIPALITY'S PROPERTY MAINTENANCE CODE AND AN APPROVED MAINTENANCE PLAN. THE MAINTENANCE MUST INCLUDE, AT A MINIMUM, METHODS FOR PROVIDING THE FOLLOWING:  
• NECESSARY IRRIGATION (IF REQUIRED)  
• INTEGRATED PEST MANAGEMENT,  
• PROPER FERTILIZATION  
• TREE CARE AND PRUNING, SHRUB TIP CLIPPING AND SHAPING AS REQUIRED  
• REPLACEMENT OF LOST VEGETATION, AND ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING PLANTING SEASON IN PERPETUITY.  
• WEED MANAGEMENT AND BED CARE.
- ALL NEWLY PLANTED TREES AND SHRUBS ARE TO RECEIVE AN APPLICATION OF AN ANTI-TRANSPIRANT SPRAY THAT WILL EFFECTIVELY REDUCE THE WATER LOSS OF TRANSPIRATION OF PLANT MATERIAL AND REDUCE THE STRESS OF TRANSPLANTATION. IT IS RECOMMENDED AS PART OF THE ONGOING MAINTENANCE THAT ANY BROADLEAF EVERGREEN AND CONIFEROUS TREE AND SHRUBS (EXCLUDING ARBORVITAE) RECEIVE AN APPLICATION OF AN ANTI-DESICCANT SPRAY TO REDUCE THE LOSS OF MOISTURE DUE TO WINTER DESICCATION.
- MAINTENANCE: THE OWNER SHALL TEND AND MAINTAIN ALL PLANT MATERIALS IN A HEALTHY GROWING CONDITION AS PER THE APPROVED PLAN. PLANTINGS SHALL BE REPLACED WHEN NECESSARY AND KEPT FREE FROM REFUSE & DEBRIS. ALL PLANTING MATERIAL WHICH IS DYING OR DAMAGED BEYOND RECOVERY SHALL BE REPLACED WITHIN SIX (6) MONTHS OR BY THE NEXT PLANTING SEASON, WHICHEVER COMES FIRST.
- LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE.
- LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE RELOCATED. ALL PLANT MATERIAL TO BE RELOCATED IS TO BE CLEARLY TAGGED WITH MARKING TAPE MOVED BEFORE AND SITE DEMOLITION IS TO BEGIN.

Project:

**5TH & LAYTON  
OUTLOT**  
350 West Layton Avenue  
Milwaukee, WI 53207

Issuance and Revisions:

Date	Number	Description
02/15/22		BOZA Submittal
03/11/22		Revision Based on Site Changes

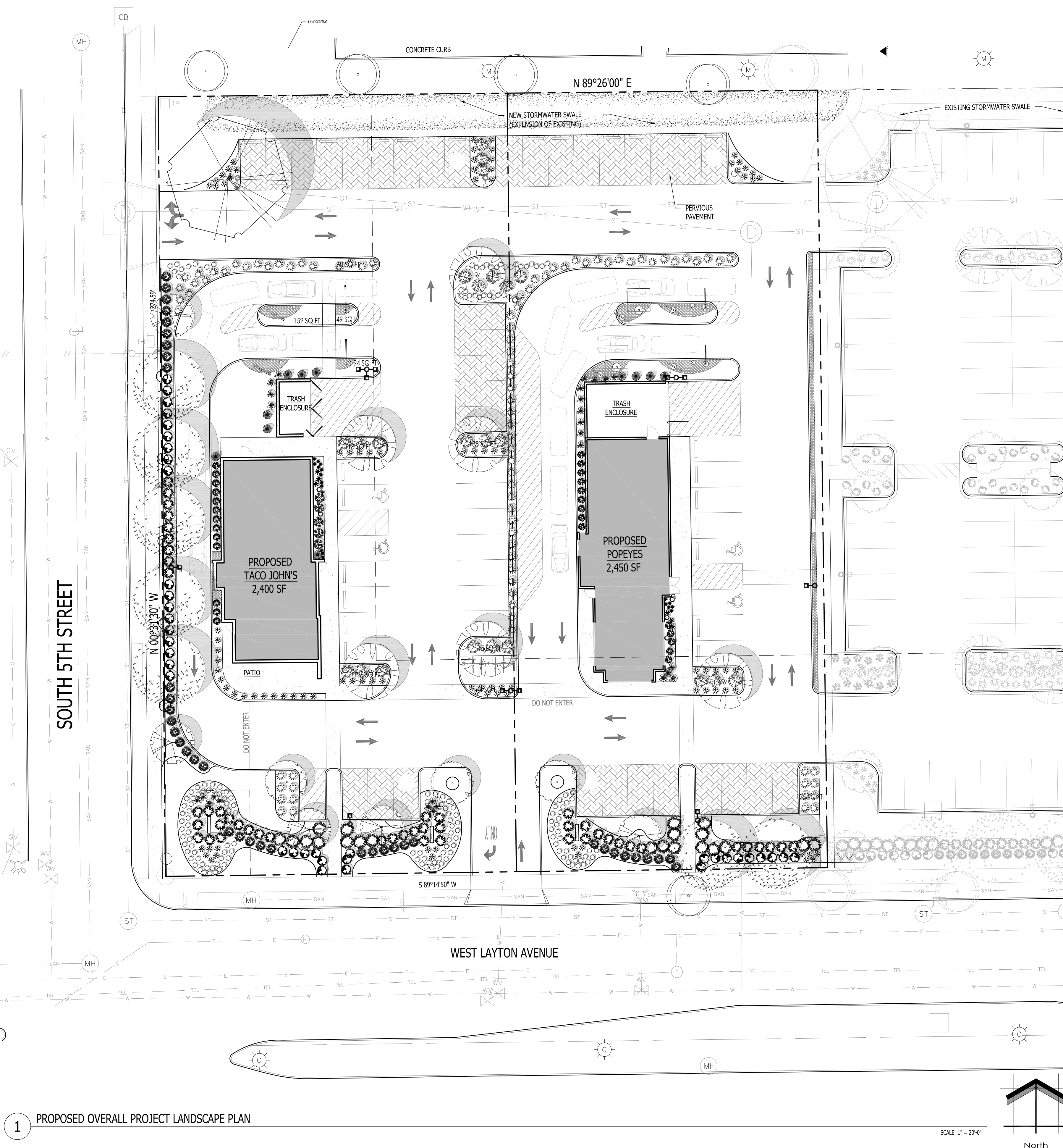
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Sheet Title:

PROPOSED OVERALL PROJECT  
LANDSCAPE PLAN  
AND GENERAL NOTES

Date of Drawing:	03/11/22
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L22-004
Sheet Number:	

**LSP1.1**



**DIGGERS HOTLINE**  
WISCONSIN STATUTE 82.0715 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK (800)-242-8511, (262) 432-7910 (877) 500-7592  
www.DiggersHotline.com OR

**811**  
Know what's below.  
Call before you dig.

**ING CONDITIONS GENERAL NOTES**

- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE LANDSCAPE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACTOR.
- THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA OF DISTURBANCE THAT ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS, BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
- VERIFY LOCATION OF ACCESS PANELS w/ MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS. VERIFY LOCATIONS OF ALL BURIED UTILITIES AND STRUCTURES AND LOCATIONS OF ALL OVERHEAD WIRES.
- VERIFY LOCATION OF ALL EXISTING EASEMENTS.
- INSITE LANDSCAPE DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF INSITE LANDSCAPE DESIGN, INC.

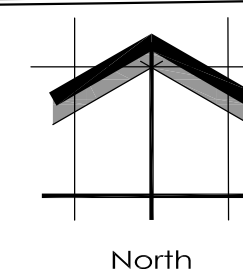
**1 PROPOSED OVERALL PROJECT LANDSCAPE PLAN**

**SITE INFORMATION**

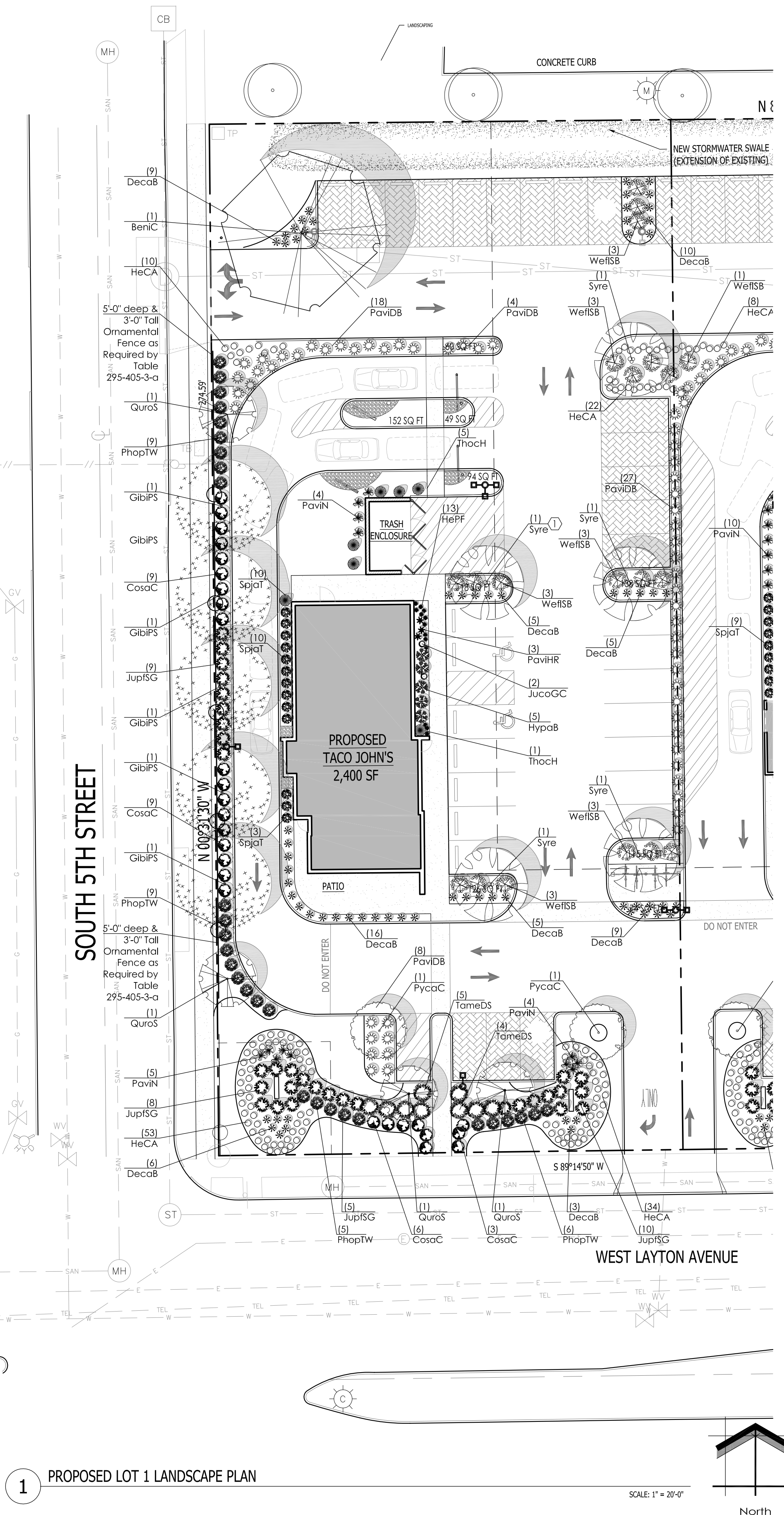
USDA PLANT HARDINESS ZONE	5B (-15 to -10 Degrees F)
LOT ZONING	LB1 - LOCAL BUSINESS COMMERCIAL DISTRICT
LOT 1 AREA	33,831 SF = 0.78 ACRES
LOT 2 AREA	29,981 SF = 0.69 ACRES
LOT 1 BUILDING AREA	2,400 SQ. FT.
LOT 2 BUILDING AREA	2,450 SQ. FT.
LOT 1 PARKING STALLS	35 STALLS
LOT 2 PARKING STALLS	26 STALLS

**CONTRACTOR NOTE:** THE LANDSCAPE CONTRACTOR/GENERAL CONTRACTOR ARE RESPONSIBLE TO INSTALL THE LANDSCAPE AS PER THE APPROVED PLAN. IF ANY CHANGES OR DEVIATIONS ARE MADE FROM THE THIS APPROVED PLAN, THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE RESPONSIBLE FOR UPDATING THE PLANS ACCORDINGLY AND SUBMITTING THOSE REVISED PLANS FOR APPROVAL AND 'SIGN OFF' WITH THE CITY OF MILWAUKEE. THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE ALSO RESPONSIBLE FOR VERIFYING THAT ANY PLANT MATERIAL SUBSTITUTIONS OR MODIFICATIONS THAT ARE MADE TO THE APPROVED LANDSCAPE DESIGN DOCUMENTS WILL NOT CHANGE OR ALTER ANY OF THE REQUIRED SUPPORTING LANDSCAPE REQUIREMENT CALCULATIONS. UPON COMPLETION OF THE CONSTRUCTION PROJECT AND FILE THAT AFFIDAVIT WITH THE CITY OF MILWAUKEE.  
**DESIGN COMPLIANCE:** THIS LANDSCAPE PLAN IS ACCURATE AND IN COMPLIANCE WITH THE CITY OF MILWAUKEE LANDSCAPE REQUIREMENTS SET FOR IN SECTION 295-405 LANDSCAPING PERIMETER LANDSCAPING AND EDGE TREATMENTS: IN ZONING DISTRICT LB1 TYPE "A" LANDSCAPING/EDGE TREATMENT IS REQUIRED.  
A FENCE IS NOT REQUIRED.  
DECIDUOUS STREET TREES ARE REQUIRED AT A SPACING OF: 1 FOR EVERY 25'-0" OF LINEAL FRONTAGE OF THE VEHICLE USE AREA.  
TWO STAGGERED ROWS OF SHRUBS AT A MAXIMUM SPACING OF: 4'-0" ON CENTER IS REQUIRED ALONG THE FRONTAGE OF THE VEHICLE USE AREA.  
IF A 4'-0" OPAQUE IS PROVIDED ONLY ONE ROW IS REQUIRED.  
**INTERIOR PARKING LOT LANDSCAPING:**  
TWO TREES & TWO SHRUBS ARE REQUIRED FOR EVERY 8 PARKING SPACES THIS APPLIES TO NEW CONSTRUCTION AND CONSTRUCTION OF EXISTING PARKING LOTS.

SCALE: 1" = 20'-0"







1 PROPOSED LOT 1 LANDSCAPE PLAN  
SCALE: 1" = 20'-0"

Proposed Plant Material Table Lot 1

Broadleaf Deciduous Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	BeniH		Betula nigra 'Heritage'	Heritage River Birch	2 1/2'-Cal - B&B	
5	GibiPS		Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	2 1/2'-Cal - B&B	
2	Pycac		Pyrus calleryana 'Chanticleer'	Chanticleer Pear	2 1/2'-Cal - B&B	
4	Quoac		Quercus robur 'Crimschmidt'	Crimson Spire English Oak	2 1/2'-Cal - B&B	
5	Syre		Syringa reticulata	Ivory Silk tree lilac	2 1/2'-Cal - B&B	
-	Extg		Existing to Remain	Existing to Remain	Existing	

Broadleaf Deciduous Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
27	CosaC		Cornus sanguinea 'Cato'	Arctic Sun Red Twig Dogwood	18" - Cont	
5	Hypab		Hydrangea paniculata 'Bobo'	Bobo Hardy Hydrangea	18" - 24" - Cont	
29	PhopTW		Physocarpus opulifolius 'SMPOTW'	Tiny Wine Ninebark	18" - Cont	
13	Spjat		Spirea japonica 'Tracy'	Double Play Big Bang Spirea	18" - Cont	
19	WelfSB		Weigela florida 'Bokrasopin'	Sonic Bloom Pink Reblooming Weigela	24" - Cont	

Conifer Evergreen Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
2	JucoGC		Juniperus communis 'Gold Cone'	Gold Cone Juniper	3' - 4' - B&B	
32	JupISG		Juniperus x pfitzeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	
9	TameDS		Taxus x media 'Densiformis Select'	Select Dense Spreading Yew	18" - 24" - B&B	
7	ThocH		Thuja occidentalis 'Holmstrup'	Holmstrup Dwarf Arborvitae	4' - 5' - B&B	

Perennial Grass						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
68	DecaB		Deschampsia caespitosa Bronzeschleier	Bronze Veil Tuft Hair Grass	1-Gal - Cont	
57	PaviDB		Panicum virgatum 'Dallas Blues'	Dallas Blues Switch Grass	1-Gal - Cont	
3	PaviHR		Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	
13	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	

Perennial						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
119	HeCA		Hemerocallis x 'Chicago Apache'	Chicago Apache Daylily	4 1/2" pot	
13	HePF		Heuchera x 'Peach Flambe'	Peach Flambe Coral Bells	1-Gal - Cont	

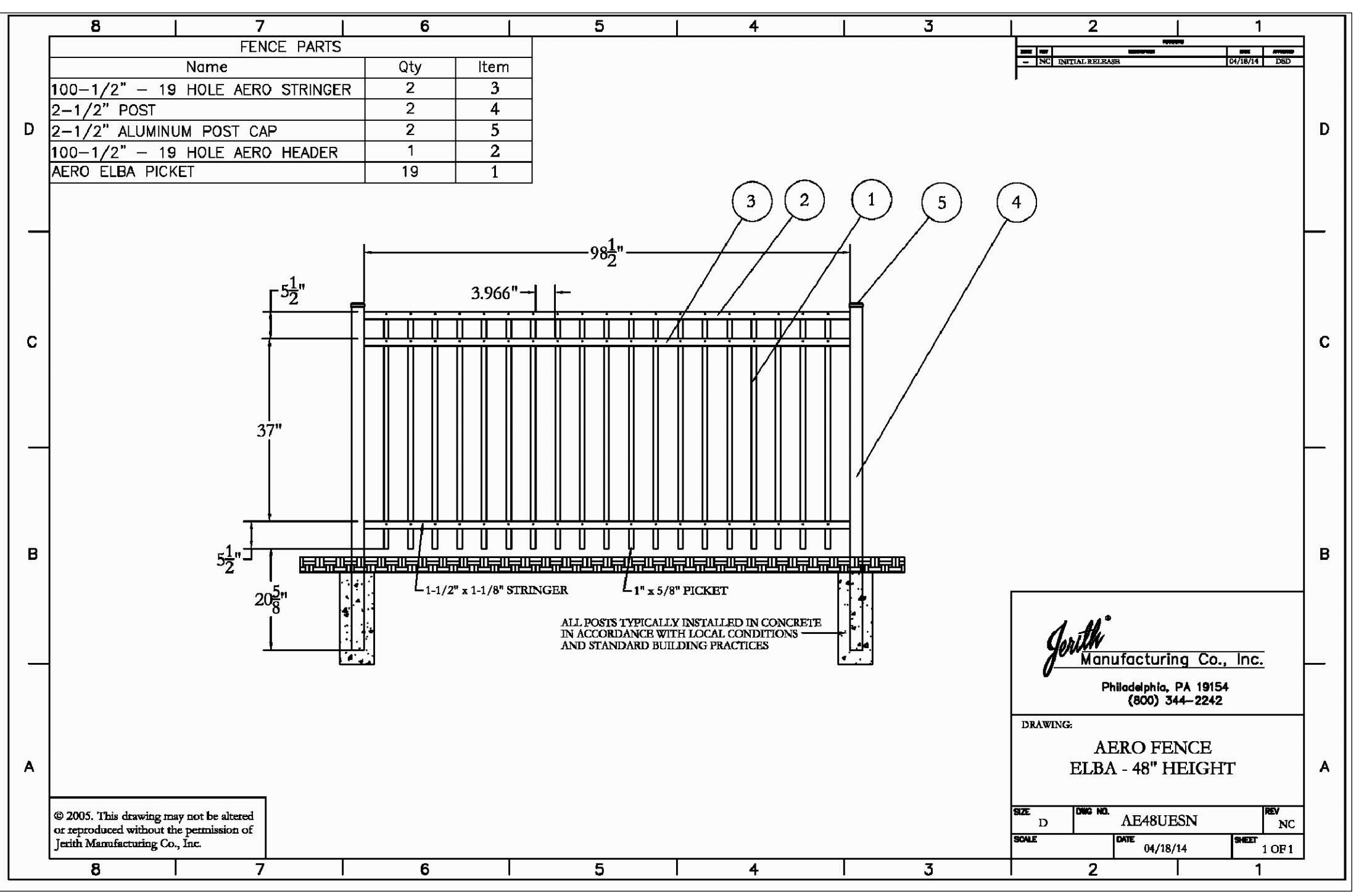
  

Bio-Swale			
Quantity	Symbol	Supplier	Type
1,400 sq. ft.		Cardno	Swale Seed Mix - mixture contains 10 of 12 native permanent grass/ sedge species and 12 of 17 native forb species. Apply at 33.75 PLS pounds per acre. Refer to cut sheets for mix specifics and installation instructions.

Comments

- Straight central leader, full & even crown. Prune only after planting.
- Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and visibility for both pedestrians and motorists.
- Remove tree in its entirety and grind stump to a minimum of 6" below adjacent grade. Remove grinding chips and fill hole with topsoil and sow turf grass seed as required.
- Evenly shaped upright tree with full branching to the ground.
- Full, well rooted plant, evenly shaped.
- Full, well rooted plant.
- Male only



2 PROPOSED METAL FENCE ELEVATION  
SCALE: 1/2" = 1'-0"

Project:

**5TH & LAYTON OUTLOT**  
350 West Layton Avenue  
Milwaukee, WI 53207

Issuance and Revisions:

Date	Number	Description
02/15/22		BOZA Submittal
03/11/22		Revision Based on Site Changes

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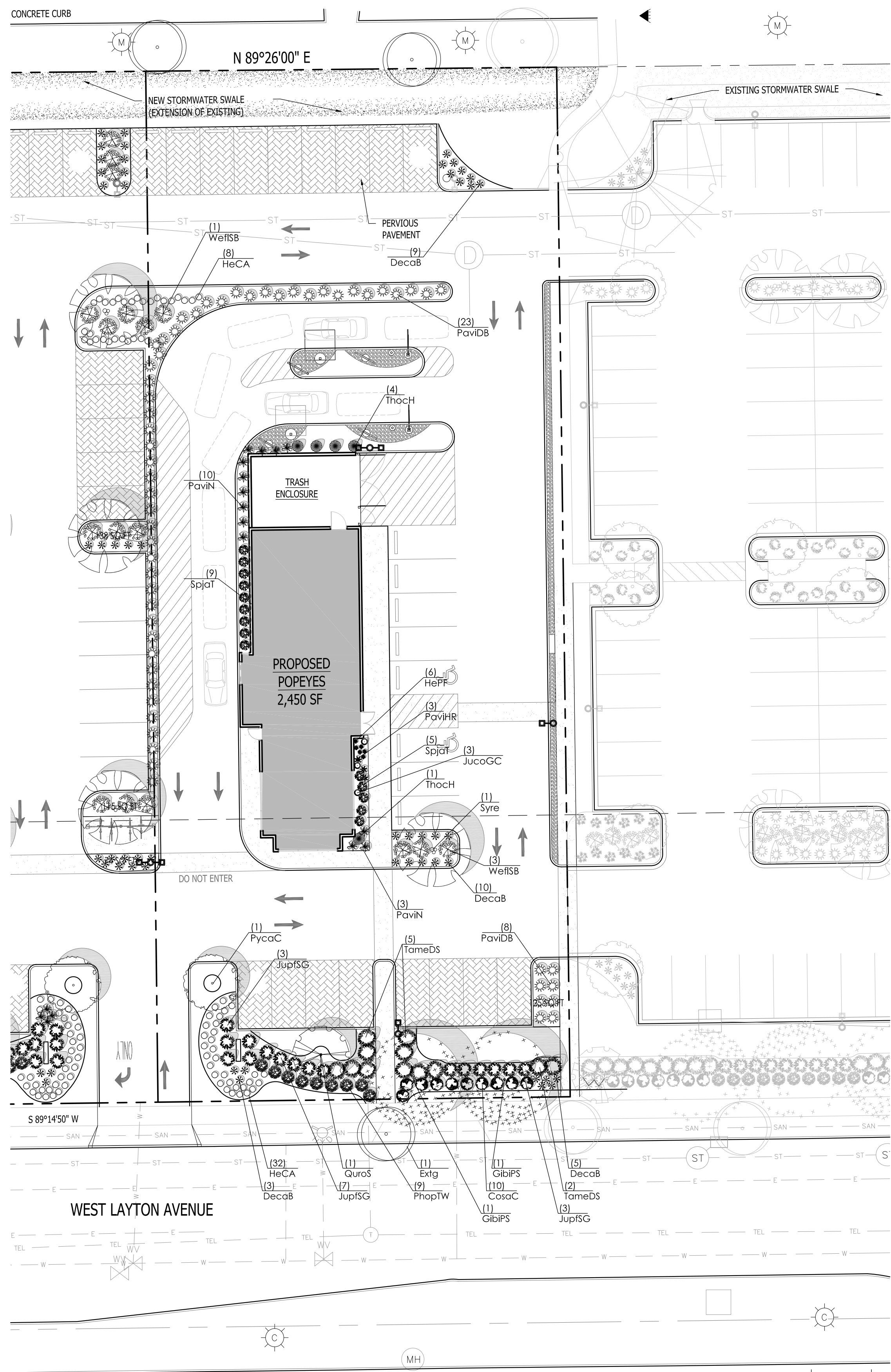
Sheet Title:

PROPOSED LOT 1 LANDSCAPE PLAN AND PLANT MATERIAL TABLE

Date of Drawing: 03/11/22  
Scale: 1" = 20'-0"  
Drawn By: MCD  
Job Number: L22-004  
Sheet Number:

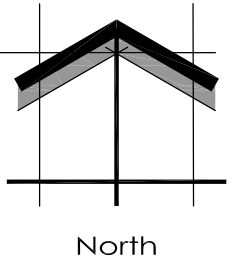
LSP1.2

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1 PROPOSED LOT 2 LANDSCAPE PLAN

SCALE: 1" = 20'-0"



Proposed Plant Material Table Lot 2

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
2	GibiPS		Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	2 1/2'-Cal - B&B	
1	Pycac		Pyrus calleryana 'Chanticleer'	Chanticleer Pear	2 1/2'-Cal - B&B	
1	QuroC		Quercus robur 'Crimschmid'	Crimson Spire English Oak	2 1/2'-Cal - B&B	
1	Syre		Syringa reticulata	Ivory Silk tree lilac	2 1/2'-Cal - B&B	
-	Extg		Existing to Remain	Existing to Remain	Existing	

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
10	CosaC		Cornus sanguinea 'Cato'	Arctic Sun Red Twig Dogwood	18" - Cont	
9	PhopTW		Physocarpus opulifolius 'SMPTOW'	Tiny Wine Ninebark	18" - Cont	
14	SpjaT		Spiraea japonica 'Tracy'	Double Play Big Bang Spiraea	18" - Cont	
4	WeftSB		Weigela florida 'Bokrasopin'	Sonic Bloom Pink Reblooming Weigela	24" - Cont	

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	JucaGC		Juniperus communis 'Gold Cone'	Gold Cone Juniper	3' - 4' - B&B	
16	JupfSG		Juniperus x pflzeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	
12	TameDS		Taxus x media 'Densiformis Select'	Select Dense Spreading Yew	18" - 24" - B&B	
5	Thoch		Thuja occidentalis 'Holmstrup'	Holmstrup Dwarf Arborvitae	4' - 5' - B&B	

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
27	DecaB		Deschampsia caespitosa Bronzeschleier	Bronze Veil Tuft Hair Grass	1-Gal - Cont	
31	PavIDB		Panicum virgatum 'Dallas Blues'	Dallas Blues Switch Grass	1-Gal - Cont	
3	PavHR		Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	
13	PavIN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
40	HeCA		Hemerocallis x 'Chicago Apache'	Chicago Apache Daylily	4 1/2" pot	
6	HePF		Heuchera x 'Peach Flambe'	Peach Flambe Coral Bells	1-Gal - Cont	

Quantity	Symbol	Supplier	Type
1,400 sq. ft.		Cardno	Swale Seed Mix - mixture contains 10 of 12 native permanent grass/ sedge species and 12 of 17 native forb species. Apply at 33.75 PLS pounds per acre. Refer to cut sheets for mix specifics and installation instructions.
VERIFY			

- Comments
1. Straight central leader, full & even crown. Prune only after planting.
  2. Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and visibility for both pedestrians and motorists.
  3. Remove tree in its entirety and grind stump to a minimum of 6" below adjacent grade. Remove grinding chips and fill hole with topsoil and sow turf grass seed as required.
  4. Evenly shaped upright tree with full branching to the ground.
  5. Full well rooted plant, evenly shaped.
  6. Full well rooted plant.
  7. Male only.

Project:  
**5TH & LAYTON OUTLOT**  
350 West Layton Avenue  
Milwaukee, WI 53207

Date	Number	Description
02/15/22		BOZA Submittal
03/11/22		Revision Based on Site Changes

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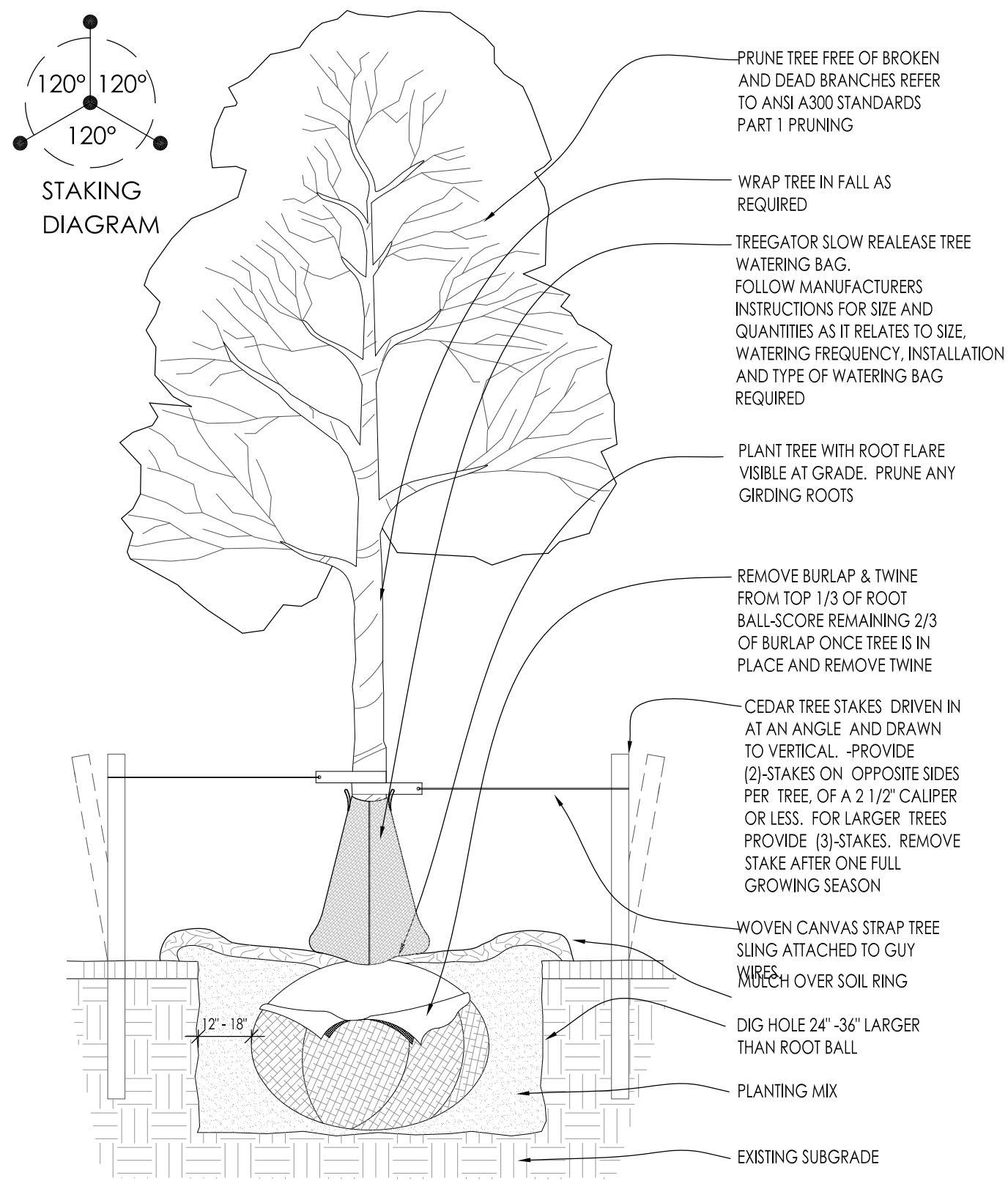
Sheet Title:  
PROPOSED LOT 2 LANDSCAPE PLAN AND PLANT MATERIAL TABLE

Date of Drawing:	03/11/22
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L22-004
Sheet Number:	

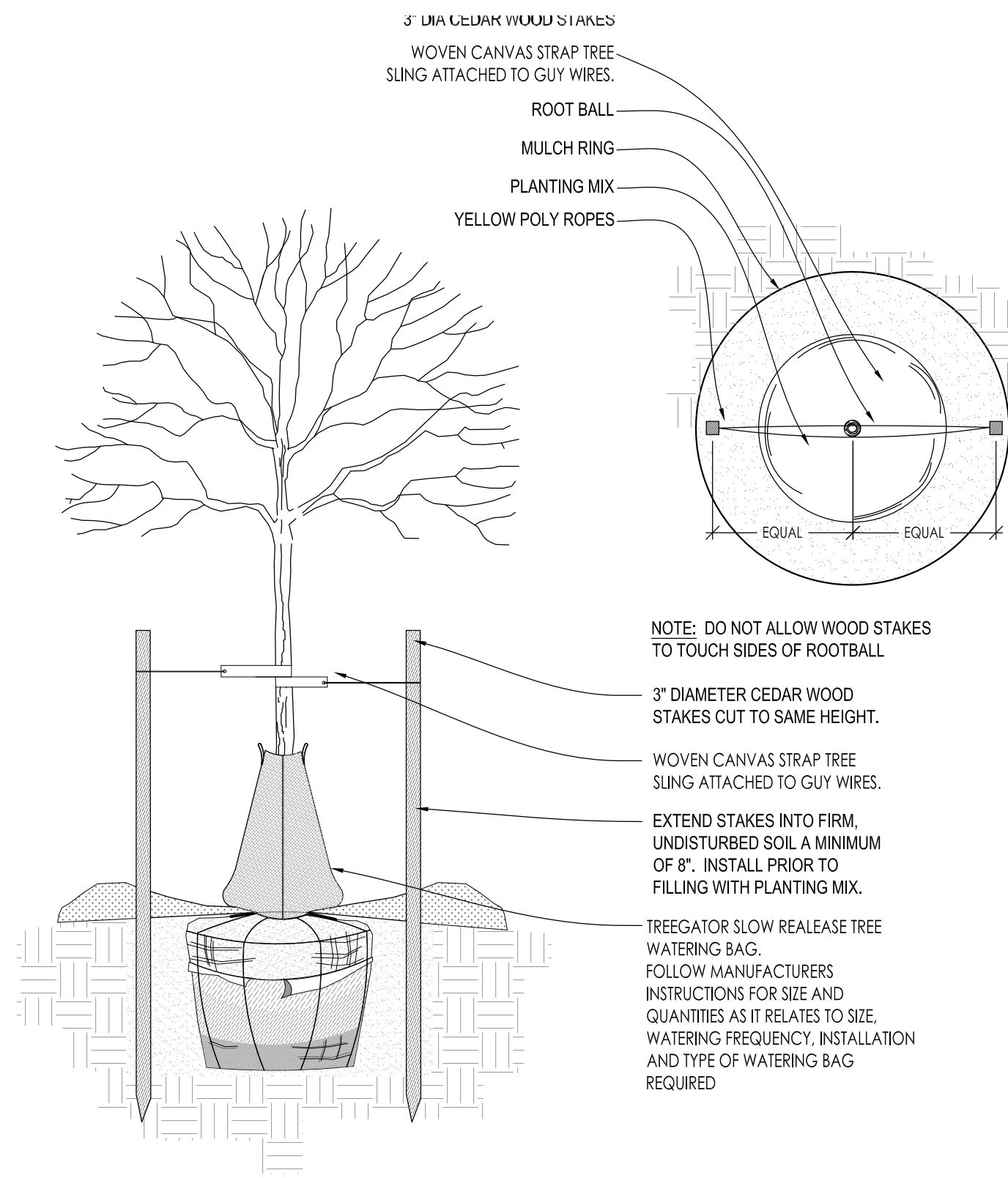
**LSP1.3**

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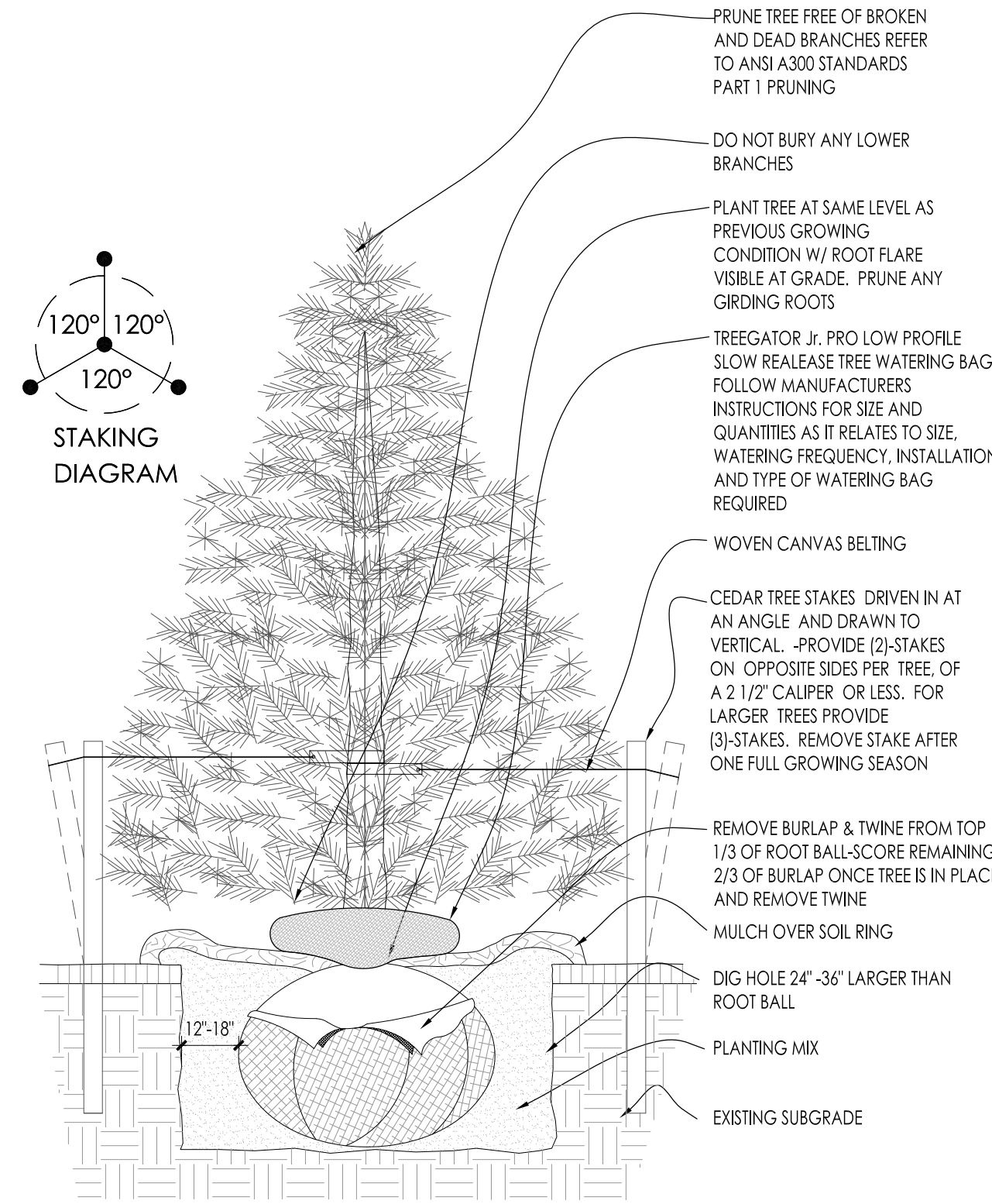




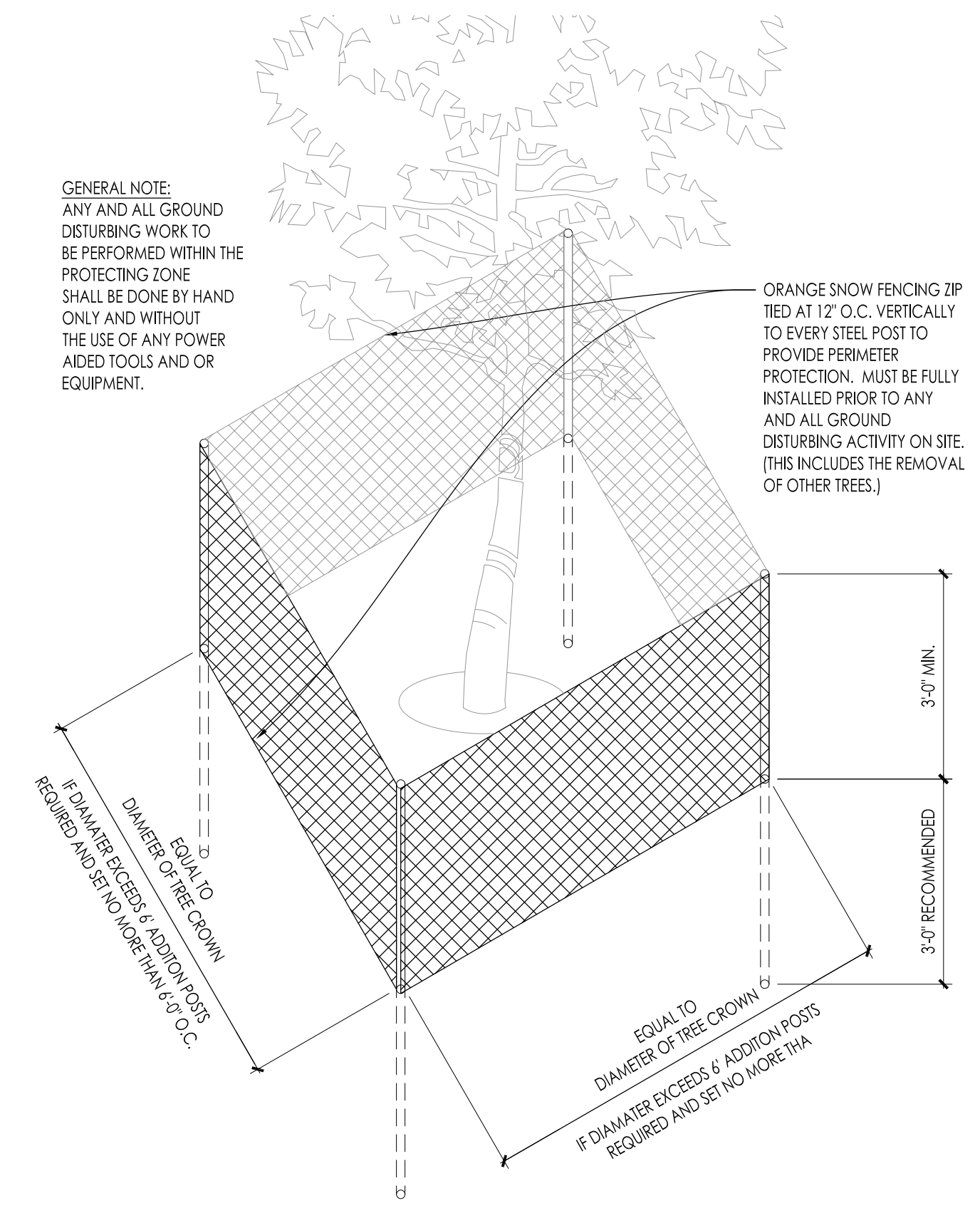
1 DECIDUOUS TREE PLANTING DETAIL SCALE: NONE



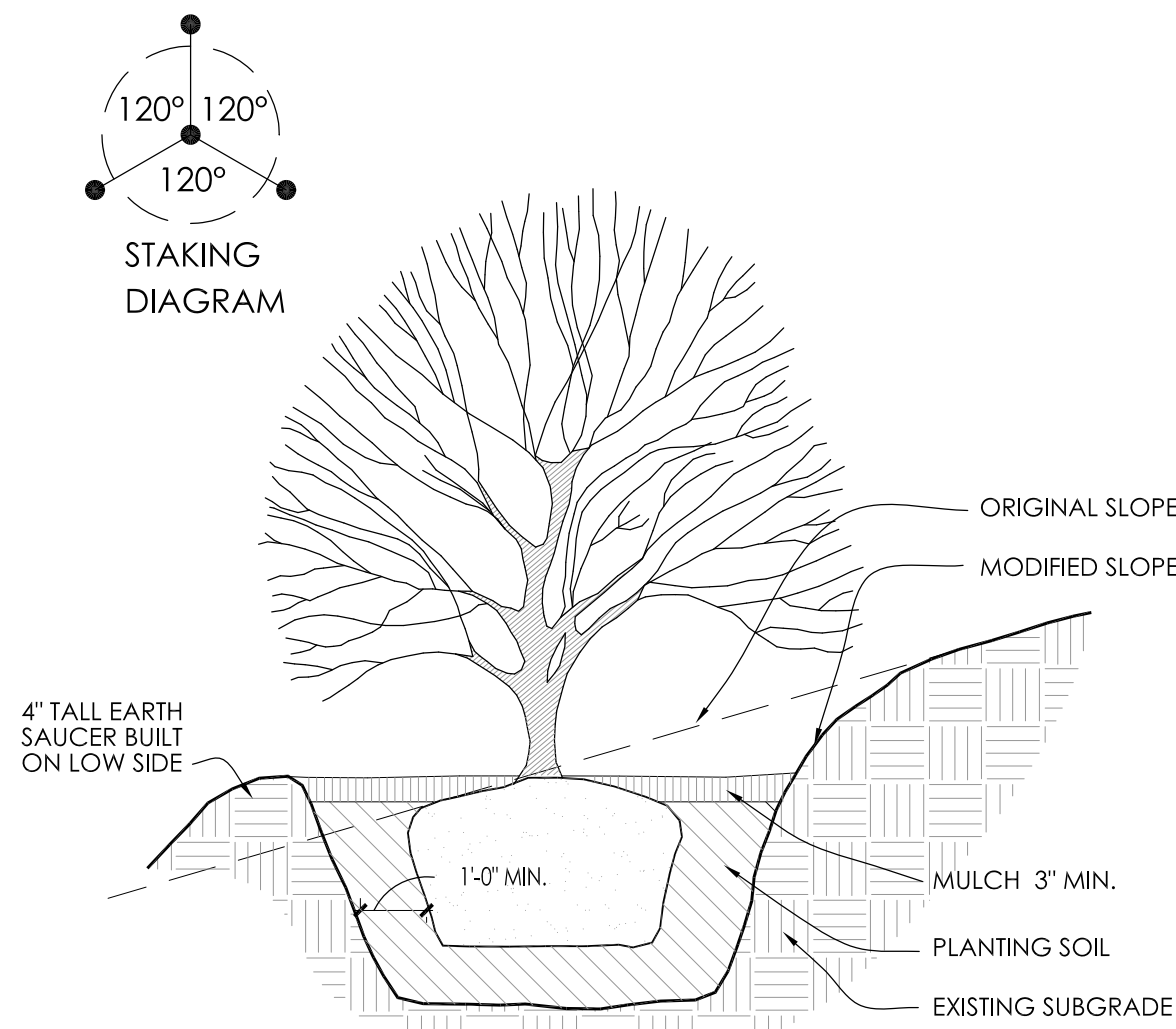
2 DECIDUOUS TREE STAKING PARKING ISLAND/RESTRICTED AREAS SCALE: NONE



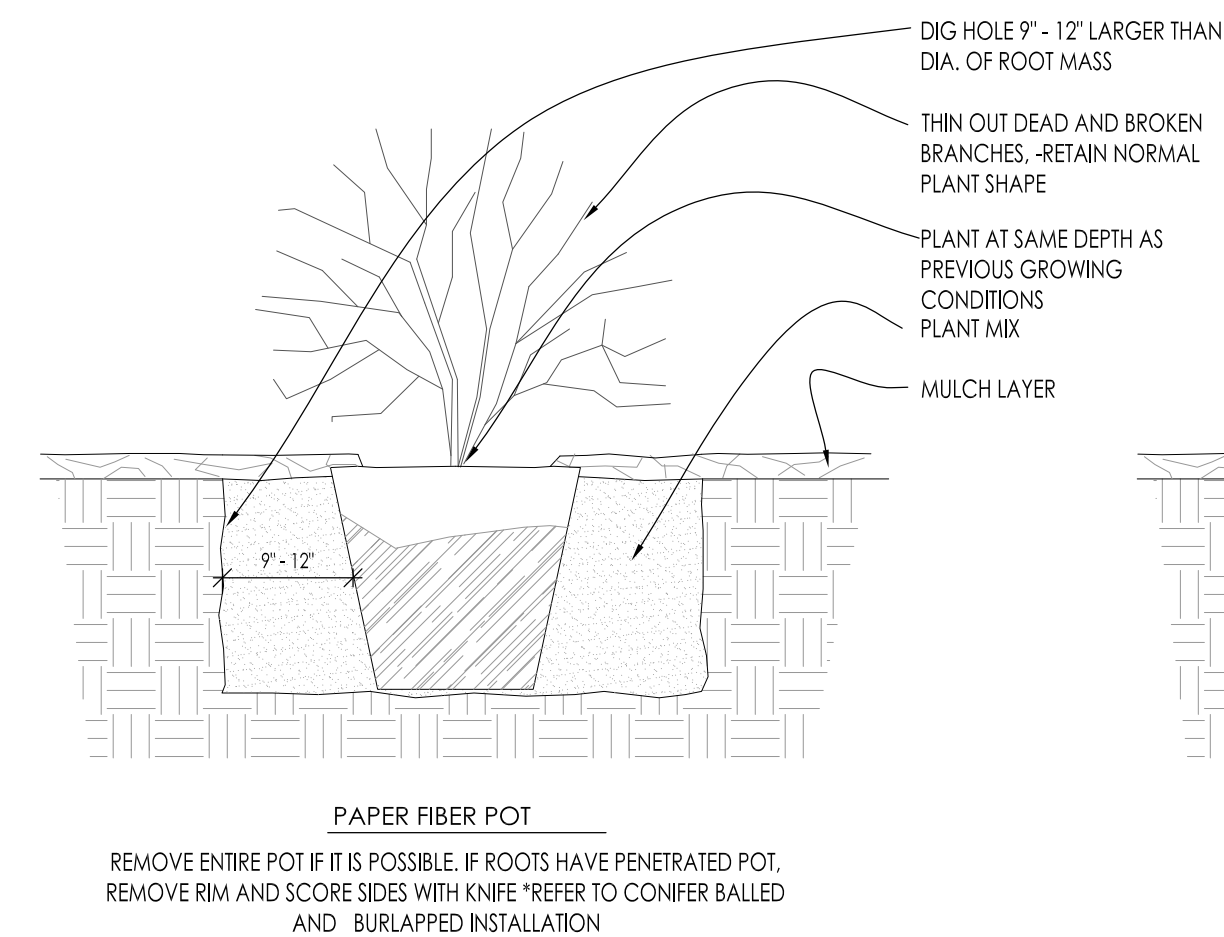
3 CONIFEROUS TREE PLANTING DETAIL SCALE: NONE



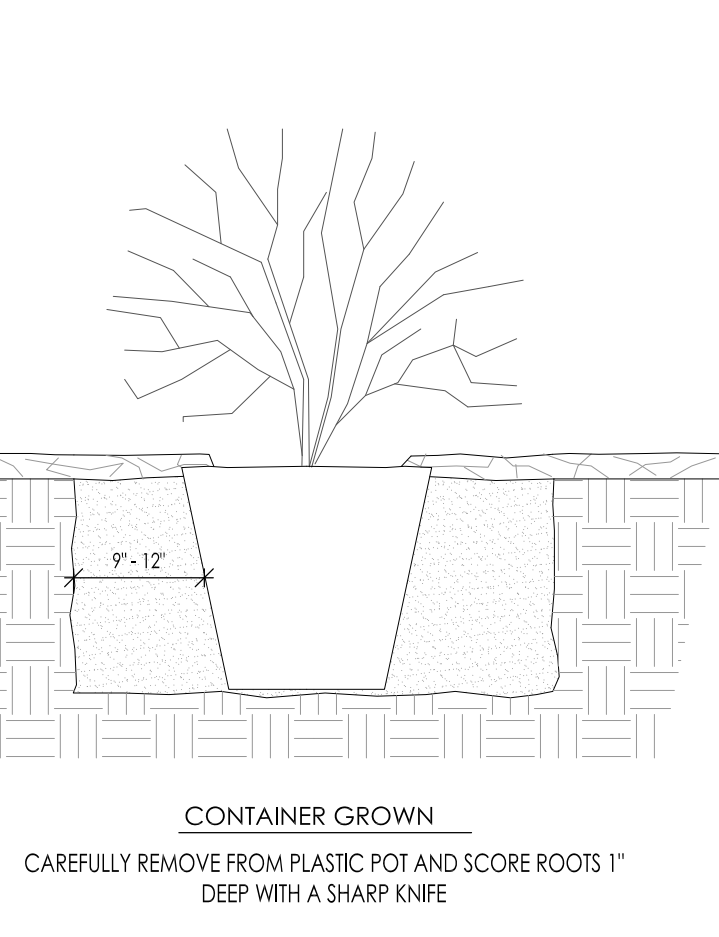
4 EXISTING TREE PROTECTION DETAIL SCALE: NONE



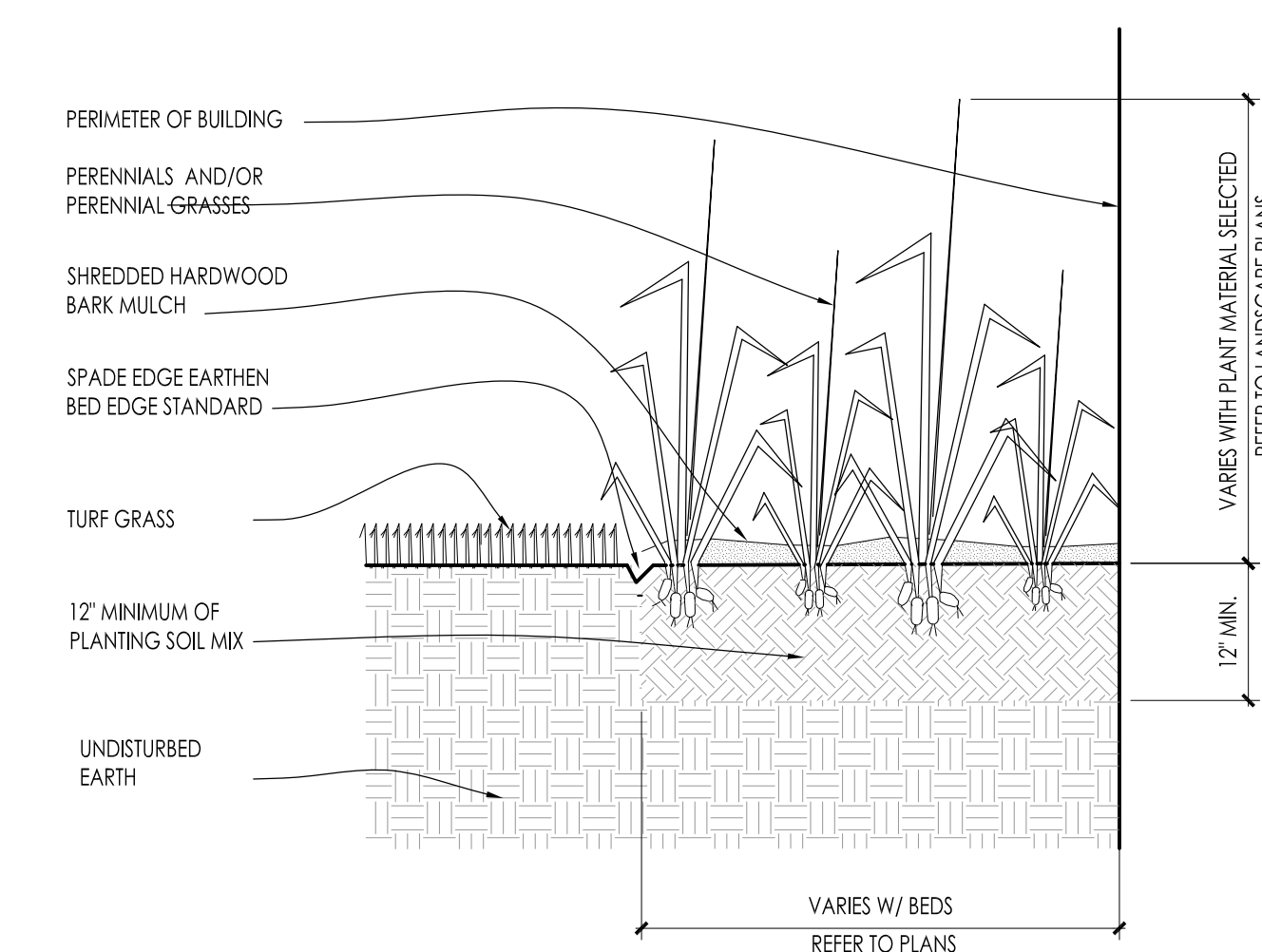
5 SLOPE PLANTING DETAIL SCALE: NONE



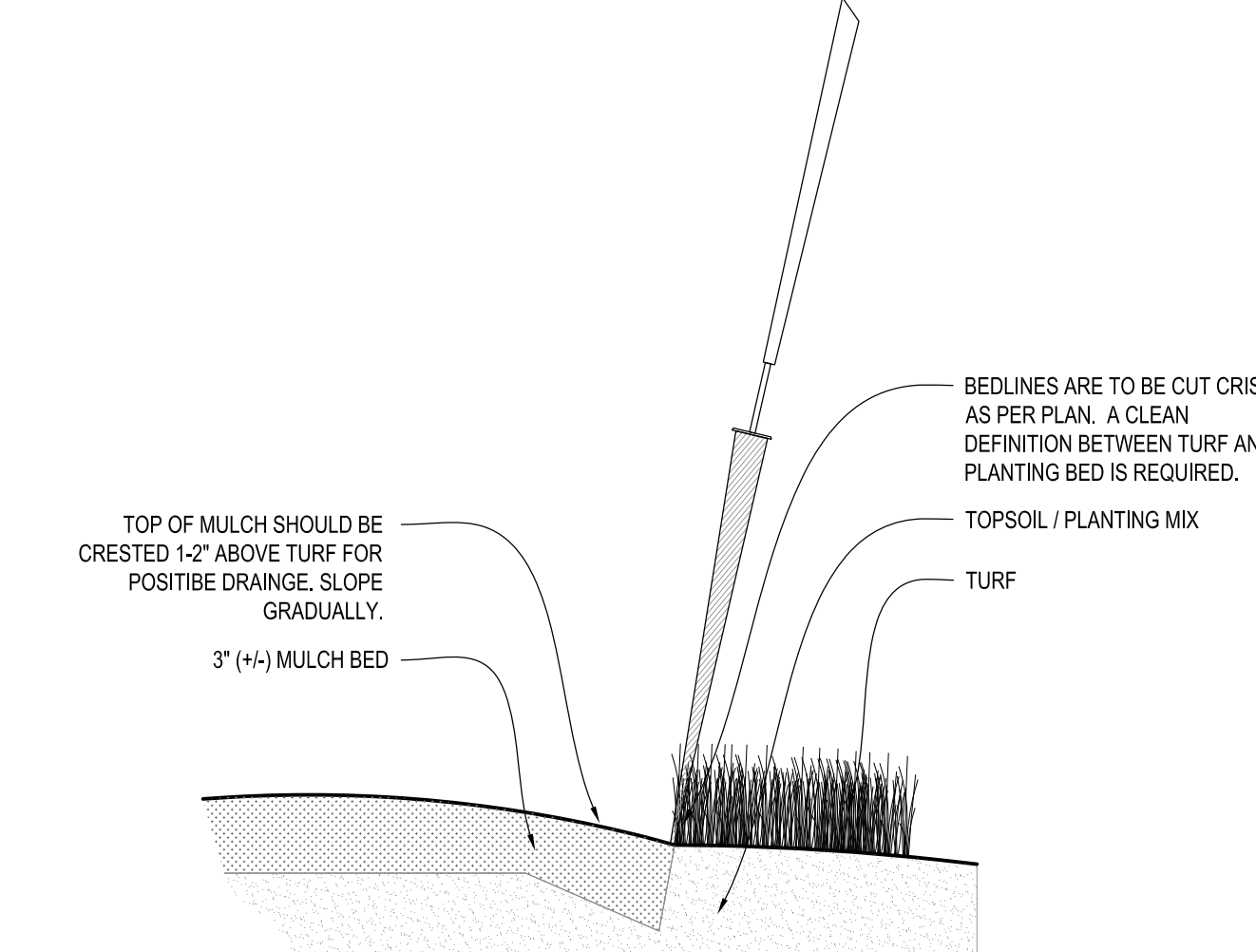
6 DECIDUOUS SHRUB PLANTING DETAIL SCALE: NONE



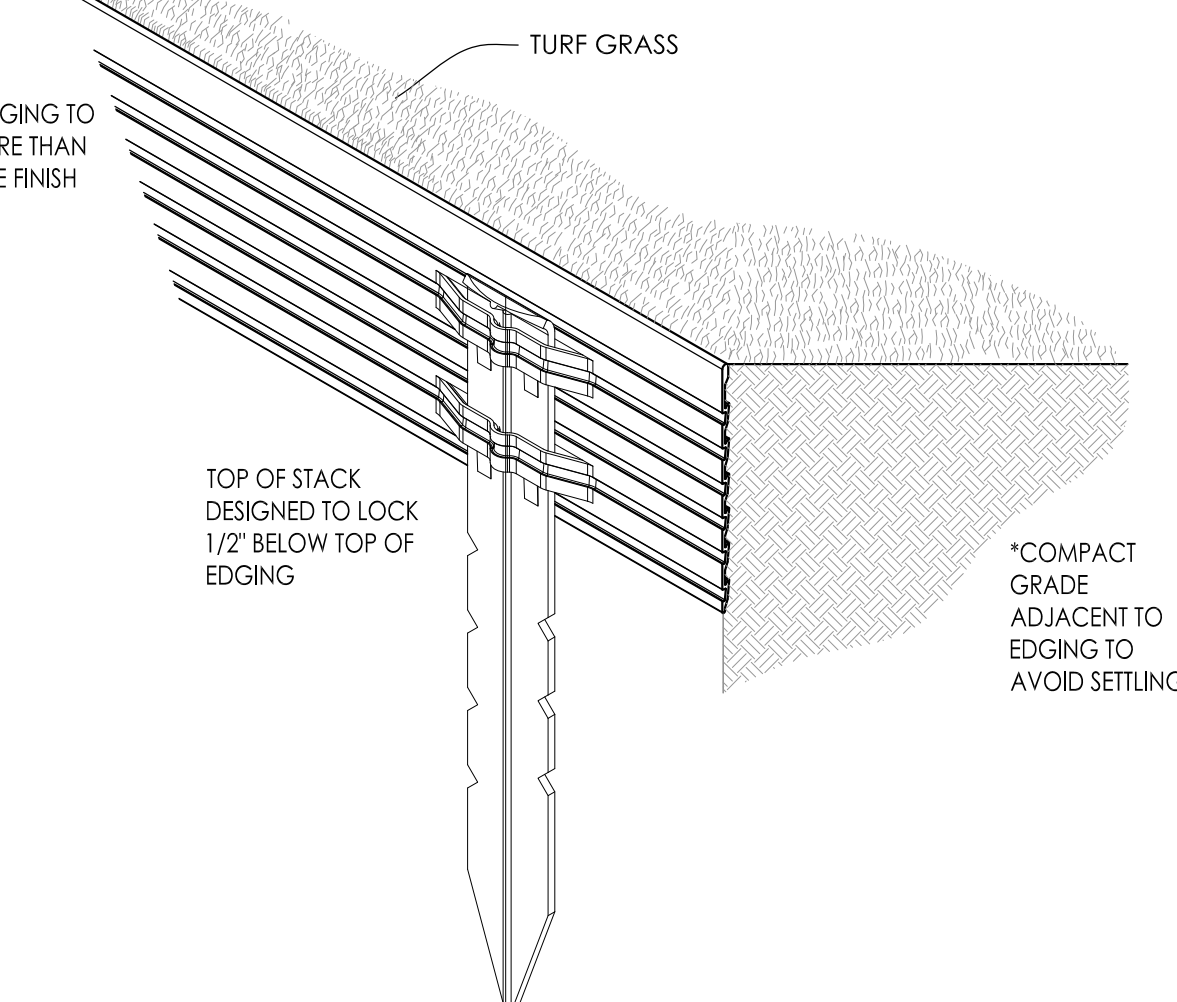
7 CONIFEROUS SHRUB PLANTING DETAIL SCALE: NONE



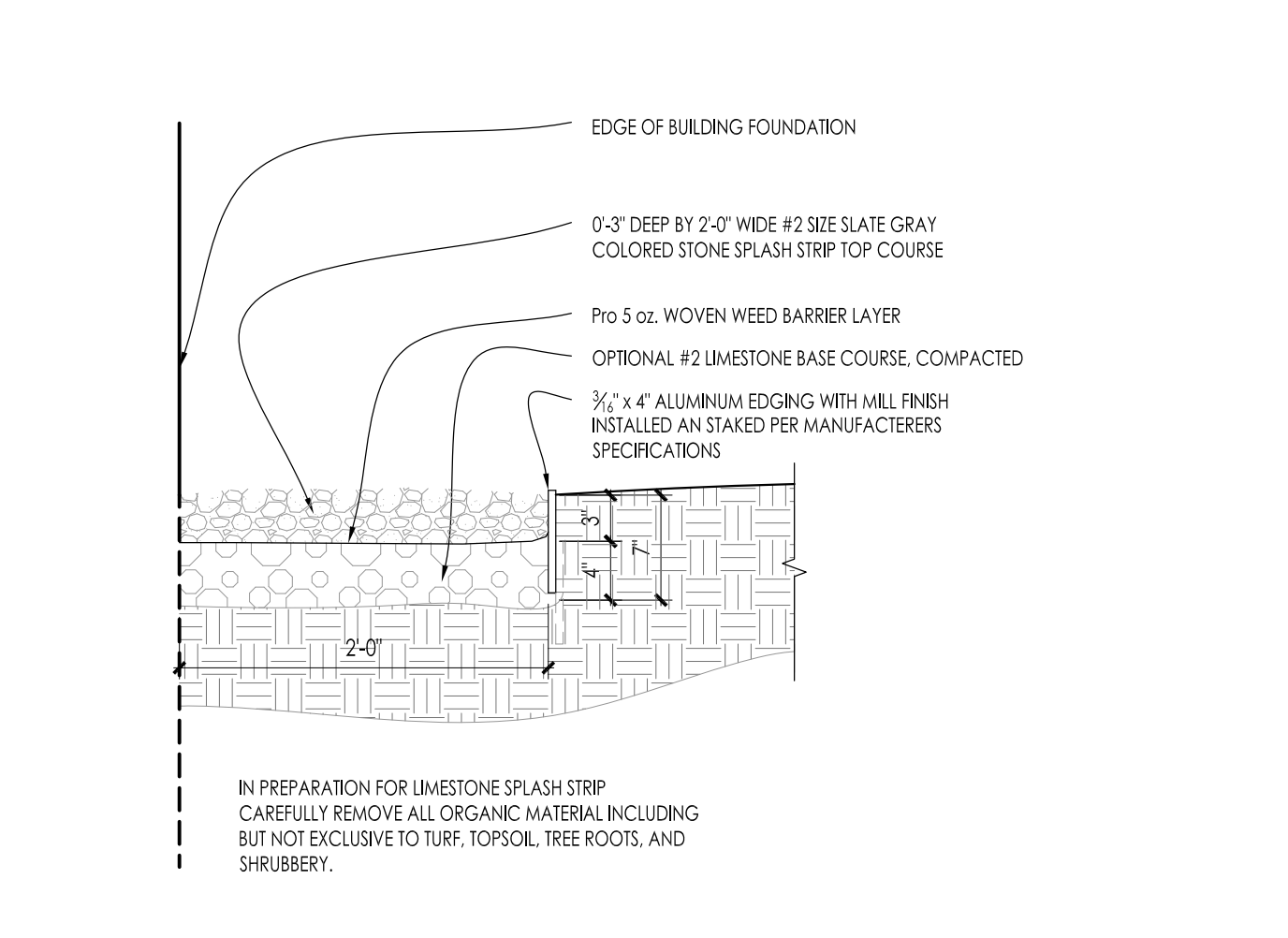
8 PERENNIAL BED PLANTING DETAIL SCALE: NONE



9 SPADE EDGE PLANT BED EDGE DETAIL SCALE: NONE



10 METAL LANDSCAPE EDGING DETAIL SCALE: 1/2" = 1'-0"



11 COMPACTED GRAVEL SPLASH STRIP SCALE: 1" = 1'-0"

Issuance and Revisions:

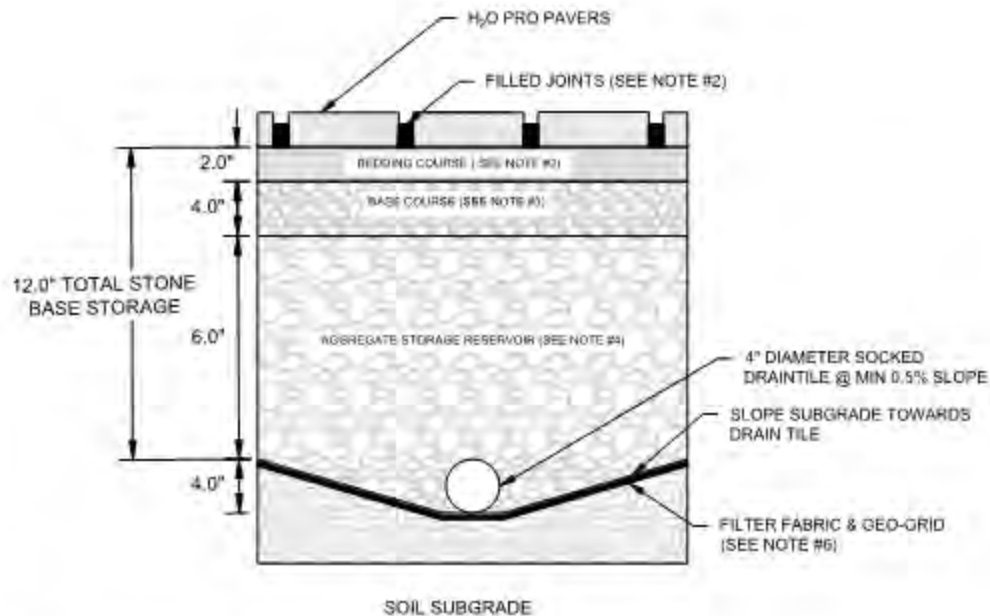
Date	Number	Description
02/15/22		BOZA Submittal
03/11/22		Revision Based on Site Changes

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Sheet Title:  
**PROPOSED LANDSCAPE PLAN, PLANTING DETAILS**

Date of Drawing:	03/11/22
Scale:	As Noted
Drawn By:	MCD
Job Number:	L22-004
Sheet Number:	





**NOTES:**

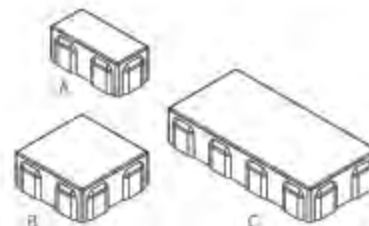
1. PAVEMENT SURFACE PERCENT VOIDS SHALL BE LESS THAN 25%.
2. JOINT STONE AND BEDDING COURSE SHALL CONSIST OF 3/8in. OPEN GRADED AGGREGATE (ASTM No. 8) AGGREGATE.
3. BASE COURSE SHALL CONSIST OF 3/4 TO 1 in. OPEN GRADED AGGREGATE (ASTM No. 57 CRUSHED).
4. AGGREGATE STORAGE RESERVOIR DEPTH SHALL BE A MINIMUM OF 6 INCHES AND CONSIST OF 2 TO 3 in. OPEN GRADED AGGREGATE (ASTM No. 2).
5. UNDERDRAINS CAN BE LOCATED WITHIN OR BELOW THE AGGREGATE STORAGE RESERVOIR.
6. FILTER FABRIC SHALL BE PLACED DIRECTLY ON TOP OF SUBGRADE SOILS. GEO-GRID SHALL BE PLACED ON TOP FILTER FABRIC AND CONSIST OF TENSAR TX-5 OR EQUIVALENT. CONTRACTOR TO VERIFY STONE IN AGGREGATE STONE RESERVOIR IS COMPATIBLE WITH GEO-GRID.

**PERMEABLE PAVERS**

**H<sub>2</sub>O Pro Pavers<sup>®</sup> Permeable Paver System**



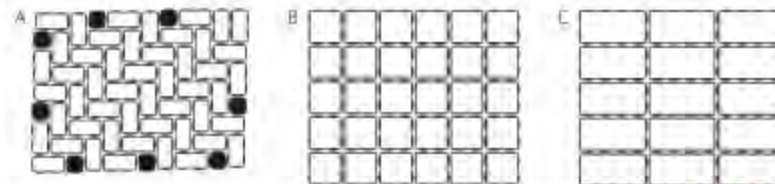
H<sub>2</sub>O Pro Pavers<sup>®</sup> are manufactured in three dimensionally compatible sizes with hidden spacers. They accommodate high pedestrian areas and wheel chair traffic, making them a suitable option for entrances, walkways and retail courtyards. Their 3-1/8" thickness also withstands heavy low-speed vehicular loads.



Paver Type	Dimensions (in.)	Length	Width	Height	Weight (lb)	Volume (cu ft)	Area (sq ft)	Permeability (in/hr)
H <sub>2</sub> O Pro-A (4 x 8)	4 x 3 1/2 x 8 102 x 80 x 203	22	4.5	11	8	88	50	400
H <sub>2</sub> O Pro-B (8 x 8)	8 x 3 1/2 x 8 203 x 80 x 203	44	2.25	13.2	8	105.6	30	240
H <sub>2</sub> O Pro-C (8 x 16)	8 x 3 1/2 x 16 203 x 80 x 406	88	1.13	13.2	8	105.6	15	120

\*Textured paver (and joint) stone surfaces require a buffer between the plate compactor and the paver surface to prevent scuffing. Refer to County Materials' Interlocking Concrete Pavers or Slab Installation Guidelines, or contact County Materials for information.

**H<sub>2</sub>O Pro Pavers<sup>®</sup> Permeable Layer Patterns**



Note: The 4" x 8" size of H<sub>2</sub>O Pro Pavers are manufactured in a herringbone layer pattern that easily accommodates mechanical installers. Units can also be installed in many different patterns by hand.

Note: 4" x 4" fillers (see black squares in illustration for layer pattern 'A') are used to keep the integrity of a layer when placed by a machine. They are not large and are sold separately. If 4" x 4" fillers are used in a pattern and more are needed, installers can cut a 4" x 8" paver in half and install where needed.





Issuance and Revisions:

Date	Number	Description
02/15/22	BOZA	Submittal
03/11/22		Revision Based on Site Changes

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Sheet Title:  
PROPOSED PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN, GENERAL NOTES, AND LIGHT FIXTURE TABLE

Date of Drawing: 03/11/22  
Scale: 1" = 20'-0"  
Drawn By: MCD  
Job Number: L22-004  
Sheet Number:

**PHO1.1**

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	6	XSPWax3FC-U	Cree XSPW Series Wallpack Luminaire, Type III Medium, 4000K, C Input Power Designator	4 type MDA LEDs	XSPWax3MC-U_RESTL-2014-0030.IES	Absolute	1.00	42.96
	B	3	OSQ A NM 4ME A 40K-UL-CS w/OSQ-BLSMF CL-SSP-4011-25 -D6-PS-ABL	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium w/ Backlight Shield, A Input Power Designator, 4000K	CONFIGURED FROM Twelve type MDA LEDs	OSQ A xx 4ME A 40K-UL w-OSQ-BLSMF_CONF IGURED.ies	Absolute	1.00	112
	C	2	OSQ A NM 4ME A 40K-UL-CS w/OSQ CL-SSP-4011-25 -D6-PS-ABL	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, A Input Power Designator, 4000K	CONFIGURED FROM Eight type MDA 4000K LEDs	OSQ A xx 4ME A 40K_CONFIGURED.ies	Absolute	1.00	336
	D	2	OSQ A xx 4ME A 40K CONFIGURED FROM OSQ A xx 4ME A 40K	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, A Input Power Designator, 4000K	CONFIGURED FROM Eight type MDA 4000K LEDs	OSQ A xx 4ME A 40K_CONFIGURED.ies	Absolute	1.00	224
	E	4	OSQ-A-xx-2ME-B-40K-UL-xxxx w/OSQ-BLSMF CONFIGURED FROM OSQ-A-xx-2ME-U-40K-UL-xxxx w/OSQ-BLSMF	Cree OSQ Series Area Luminaire, Type II Medium w/ Backlight Shield, B Input Power Designator, 5700K CONFIGURED FROM Cree OSQ Series Area Luminaire, Type II Medium w/ Backlight Shield, U Input Power Designator, 4000K	CONFIGURED FROM	OSQ-A-XX-MDA 2ME-B-40K-UL-XXXXX W/ OSQ-BLSMF_CONF IGURED.ies	Absolute	1.00	86

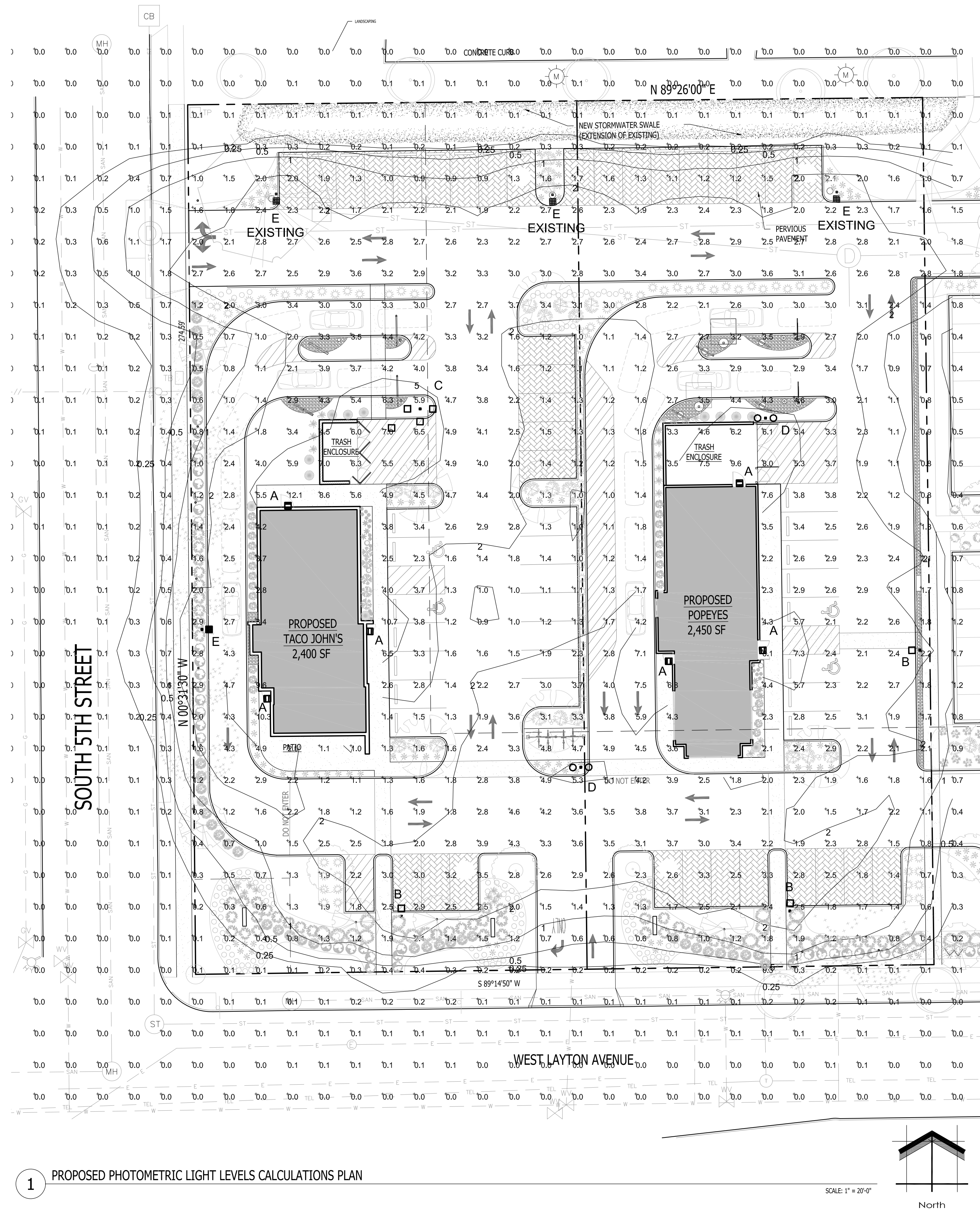
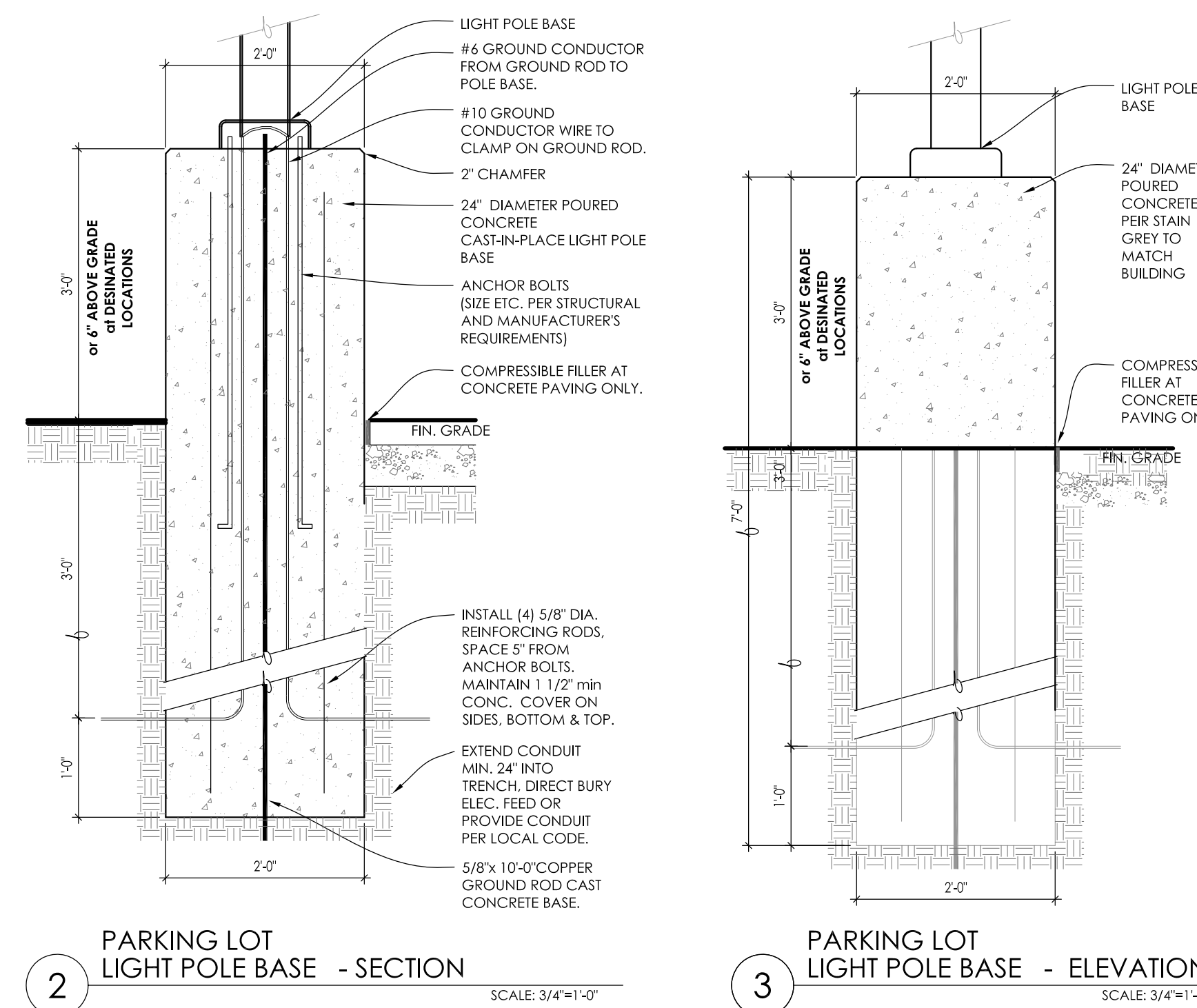
(3) ARE FOR REFERENCE  
(1) NEW

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc. Zone #1	+	1.7 fc	12.1 fc	0.0 fc	N / A	N / A

**LUMINAIRE HEIGHT**

ALL NEW POLE MOUNTED FIXTURES ARE TO BE INSTALLED ON A 22"-Ø CL-Ø11 SQUARE STEEL POLE w/ SILVER FINISH ON TOP OF A 3'-Ø CONCRETE BASE TO MATCH EXISTING ADJACENT FIXTURES AND POLES. FIXTURE HEADS ARE TO BE DARK-SKY COMPLIANT HARDWARE IESNA FULL CUTOFF HOUSE SIDE SHIELDING WHERE REQUIRED AND BRONZE FINISH W/ OPTIONAL PHOTOCCELL CONTROL.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S & OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S & OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.



1 PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN  
SCALE: 1" = 20'-0"

**PHOTOMETRIC PLAN GENERAL NOTES**

- BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.
- THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
- IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATION OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATION.
- ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIM COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.

**EXISTING CONDITIONS GENERAL NOTES**

- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
- VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, ELECTRICAL, TELECOMMUNICATION AND ACCESS PANELS FOR ALL UTILITIES AND ALL ASSOCIATED EQUIPMENT FOR ACCESSIBILITY OF THOSE ITEMS.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

**DIGGERS HOTLINE**

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK (800) 242-8311 (262) 432-7910 (877) 500-9592 www.DiggersHotline.com OR

**811**  
Know what's below.  
Call before you dig.

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L22-004 - 5TH & LAYTON OUTLOT - 03/11/2022



**CREE**

**XSP Series**  
XSPW™ LED Wall Pack Luminaire

**Making the Switch to LED Lighting an Easy Decision**

**MAXIMUM LIGHTING VALUE**

**OUTSTANDING PERFORMANCE**

**EASY INSTALLATION**

**PRECISION**

Designed with versatility in mind, the XSPW Wall Pack can seamlessly mount to a variety of configurations. From top, side or rear makes replacing existing wall-mounted Metal Halide wall packs simple and easy.

Featuring our NanoOptic™ Precision Delivery Grid™ optic, the XSPW Wall Pack is designed for application-specific lighting needs as remarkably light precisely where it's needed. The optical precision and efficient design help maximize energy savings.

Capable of replacing 70W-175W Metal Halide wall packs while reducing energy consumption up to 75%, the XSPW Wall Pack provides improved lighting quality that contributes to creating a safe and inviting site.

Visit [www.cree.com/lighting/aspwall](http://www.cree.com/lighting/aspwall) or contact a Cree lighting representative to learn more.

**PS Series**  
Crown-Weed® Square Straight Steel Poles

**Product Description**

Non-tapered square steel poles are supplied with a welded base with cover. Four galvanized anchor bolts, machine mounting templates and pole cap (except tenon mount). Each anchor bolt is provided with two washers and nuts. Steel pole base has coated holes. Per National Electrical Code requirements, pole is standard with a 2" x 6" hand hole, located 1' above the bottom of pole base. A 4130 stainless steel weld stud with protruding lip is located inside the pole, opposite the hand hole. A hand hole cover is supplied but shipped separately. In addition, 4" x 27" and 4" x 31" poles include an internal 5/16" steel reinforced base welded inside the bottom 24" of the pole, as well as a reinforcement welded around the hand hole for added strength. The hand hole location on reinforced poles is 12" above the bottom of the pole base.

**CONSTRUCTION & MATERIALS**

- Square, non-tapered pole of structural steel (ASTM A 500) with a minimum yield of 46,000 p.s.i.
- Welded to a domed carbon steel base plate with a minimum yield strength of 58,000 p.s.i.
- Exclusive Corlast® DuraGuard™ finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion.

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- National Electrical Code Requirements
- UL Listed for electrical ground bonding
- CSA Certified in Canada for ground bonding and structural strength

**LIMITED WARRANTY\***

- 7 years on pole/7 years on Corlast® DuraGuard™ finish

**Accessories**

Field Install Kit

Ordering Information

Example: P3501010K

Rev. Date: V1 02/14/2015

**CREE**

**Brackets and Tenons**

**Product Specifications**

**FINISH**

- Exclusive Corlast® DuraGuard™ finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available.

**LIMITED WARRANTY\***

- 7 years on tenon/7 years on Corlast® DuraGuard™ finish

**PB Series**

**Square Internal Mount Vertical Steel Tenons (for use with Adjustable Arm & Horizontal/Vertical Tenon Mount)**

The square base of the PB Series steel brackets is designed to be inserted into square, non-tapered steel or aluminum poles ranging in size from 1/2" (12mm) to 6" (152mm) square with a minimum wall thickness of 1/8" (3mm). Square PB Series are supplied with end caps to reduce the wiring clearance. Tenon base anchors tie pole with 5/16" (8mm) hex head cap screws. Tenon base hole, vertical tenon measure 2 3/8" (60mm) O.D. x 3 1/2" (89mm) tall and are made of steel tubing. Luminaire mounted to these tenons can be adjusted both vertically and horizontally.

**Round External Mount Vertical Tenons (for use with Adjustable Arm & Horizontal/Vertical Tenon Mount)**

The round base of the PB Series steel brackets is designed to mount onto a steel or aluminum 2 3/8" (60mm) O.D. round pole or tenon. All are supplied with end caps to reduce the wiring clearance. Tenon base anchors tie pole with 5/16" (8mm) hex head screws. Vertical tenon measure 2 3/8" (60mm) O.D. x 3 1/2" (89mm) tall and are made of steel tubing. Luminaire mounted to these tenons can be adjusted both vertically and horizontally.

Rev. Date: V4 06/15/2015

**CREE**

**1 XPS SERIES EXTERIOR LED WALL PACK**

**2 PS SERIES SQUARE STEEL POLE**

**3 PB SERIES SQUARE STEEL POLE BRACKET**

**OSQ™ LED Area/Flood Luminaire – Medium**

**Product Specifications**

**CONSTRUCTION & MATERIALS**

- 5mm, low profile design minimizes wind load requirements
- Luminaire housing is rugged 6061 cast aluminum with an integral, weatherlight LED driver compartment and high performance heat sink
- Convenient interfacing mounting resulted on direct arm mount
- Mounting adaptor is rugged die cast aluminum and mounts to 3" x 3" (76.2mm) square or round pole, secured by two 5/16"-18 UNC bolts spaced on 2" (51mm) centers
- Mounting for the adjustable arm mount adaptor is rugged die cast aluminum and mounts to 2" (51mm) ID 2.375" (60mm) O.D. tenon
- Adjustable arm mount can be adjusted 180° in 2.5" increments
- Designed for uplight and downlight applications
- Exclusive Corlast® DuraGuard™ finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Silver, bronze, black, and white are available

**WEIGHT SYSTEM**

- Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- Power Factor > 0.9 at full load
- Total Harmonic Distortion < 20% at full load
- Integral 15kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type CDO breaker should be used to address inrush current
- 100% Surge Current @ 10ms

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- UL Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when ordered without R option
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 35 surge and overvoltage vibration standards
- 15kV surge suppression protection tested in accordance with IEEE/ANSI C62.4.2
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- Luminaires and flash endurance tested to withstand 5,000 hours of simulated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- DLC and DLC Premium qualified versions available. Some exceptions apply. Please refer to [www.designlights.org/ARRA](http://www.designlights.org/ARRA) for most current information.
- RoHS compliant. Consult factory for additional details
- Dark Sky Friendly, DA Approved when ordered with SK CCT. Please refer to <http://darksky.org/led-area-flood> for most current information

**Recommended OSQ Series Luminaire Maintenance Factors (LMF)**

**AA Mount**

Weight: 26.5 lbs (12kg)

Rev. Date: V1 04/22/2014

**CREE**

**OSQ Series**  
OSQ™ LED Area/Flood Luminaire – Medium

**Product Description**

The OSQ™ Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weatherlight LED driver compartment. Versatile mounting configurations allow simple installation. Its slim, low profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. The B' input power designator is a suitable upgrade for HID applications up to 250 Watt, and the B' input power designator is a suitable upgrade for HID applications up to 400 Watt.

**Applications:** Parking lots, walkways, campuses, car dealerships, office complexes, and industrial roadways

**Performance Summary**

NanoOptic™ Precision Delivery Grid™ optic

Made in the U.S.A. of U.S. and imported parts.

**Initial Delivered Lumens:** Up to 17,291

**Efficiency:** Up to 133 LPW

**CRI:** Minimum 70 CRI (4000K & 5700K); 2000K asymmetric optical, 90 CRI (3000K symmetric optical)

**CCT:** 2000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)

**Limited Warranty\*:** 10 years on luminaire/10 years on Corlast® DuraGuard™ finish

**Accessories**

Field Install Kit

Weight: 26.5 lbs (12kg)

**Ordering Information**

Example: OSQ-A57 - Luminaire OSQ-A-57-400K-5700K-400K-UL-SV

Rev. Date: V1 04/22/2014

**CREE**

**OSQ™ LED Area/Flood Luminaire – Medium**

**Photometry**

All published luminaire photometric testing performed to IESNA LM-79-09 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project, contact: [info@lighting.cree.com](mailto:info@lighting.cree.com) or products@insitelandscape.com

**2ME**

**3ME**

**4ME**

**5ME**

**Type II Medium Distribution**

**Type II Medium w/BLS Distribution**

**Type III Medium Distribution**

**Type III Medium w/BLS Distribution**

Rev. Date: V1 04/22/2014

**CREE**

**OSQ™ LED Area/Flood Luminaire – Medium**

**Photometry**

All published luminaire photometric testing performed to IESNA LM-79-09 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project, contact: [info@lighting.cree.com](mailto:info@lighting.cree.com) or products@insitelandscape.com

**6ME**

**7ME**

**8ME**

**9ME**

**Type IV Medium Distribution**

**Type IV Medium w/BLS Distribution**

**Type V Medium Distribution**

**Type V Short Distribution**

Rev. Date: V1 04/22/2014

**CREE**

**4 OSQ SERIES LED AREA/FLOOD**

**5 OSQ SERIES LED AREA/FLOOD**

**6 OSQ SERIES LED AREA/FLOOD**

**7 OSQ SERIES LED AREA/FLOOD**

Project:

**5TH & LAYTON OUTLOT**

350 West Layton Avenue  
Milwaukee, WI 53207

Issuance and Revisions:

Date	Number	Description
02/15/22		BOZA Submittal
03/11/22		Revision Based on Site Changes

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Sheet Title:

PROPOSED LIGHT FIXTURES

Date of Drawing: 03/11/22

Scale: NONE

Drawn By: MCD

Job Number: L22-004

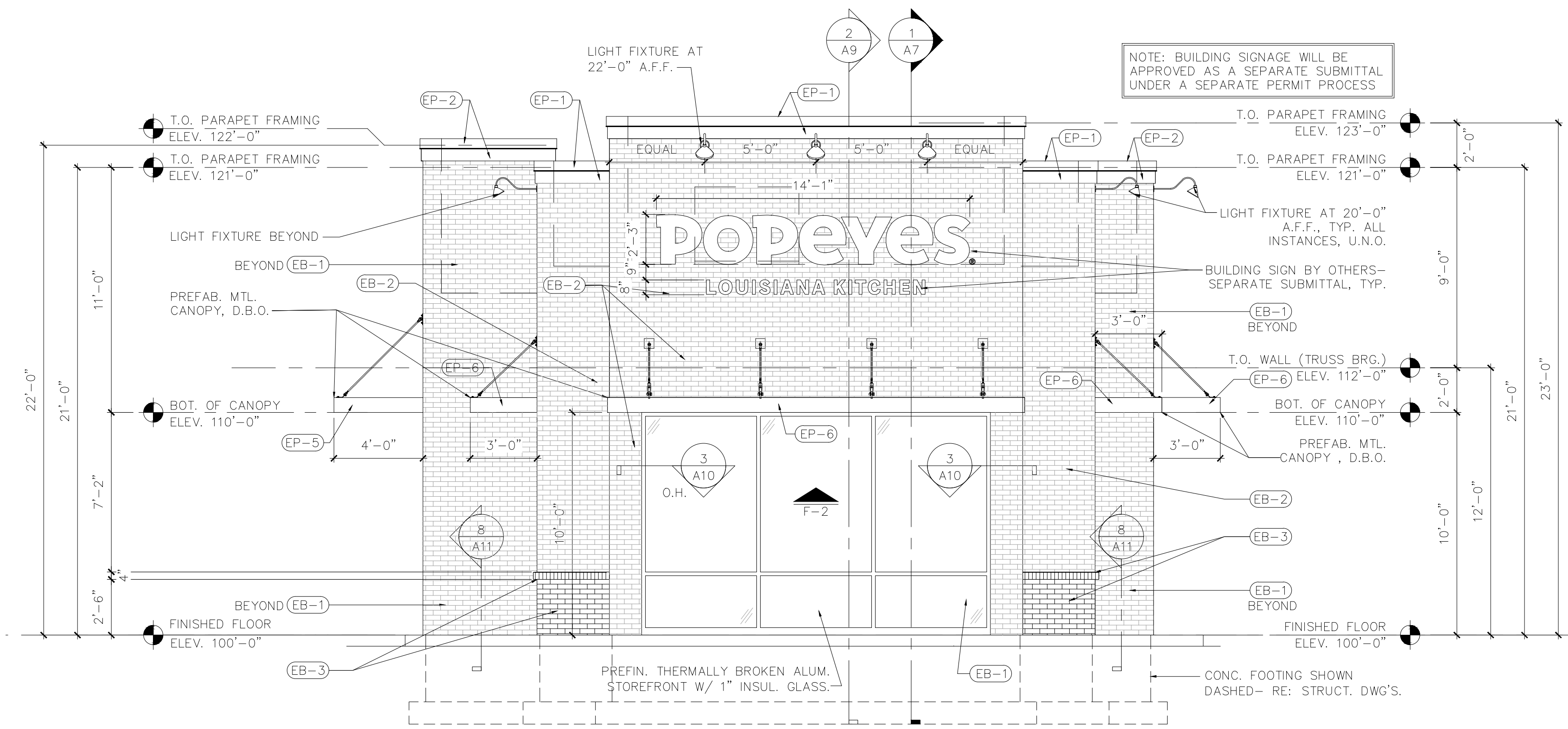
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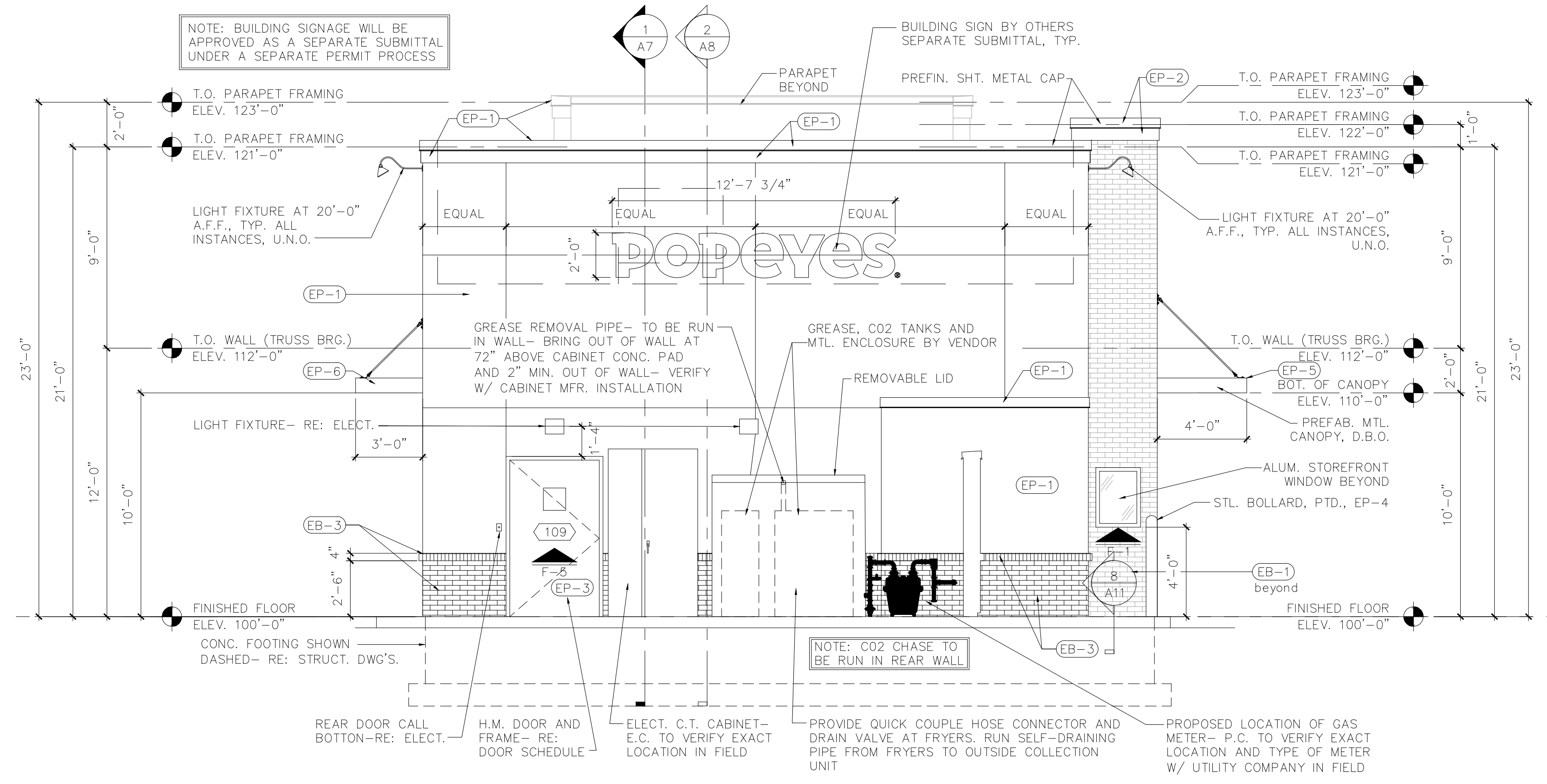
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2021 POPEYE'S FINISH SCHEDULE							
EXTERIOR MATERIALS & FINISH SCHEDULE - TO BE USED WITH FB-LEGACY (1846)							
03.07.21	CODE	MATERIAL	LOCATION	SOURCE	PRODUCT	COLOR	ADDITIONAL INFORMATION
	EB-1	FACE BRICK	ACCENT TOWER BRICK	NCHHA FIBER CEMENT	VINTAGE BRICK	ALEXANDRIA BUFF	7 5/8" x 2 1/2" x 3/4"
				ALTERNATE OPTION: CREATIVE MATERIALS CORPORATION	ALTERNATE OPTION: THIN BRICK	FLAGSTAFF	8 1/8" x 2 1/8" x 5/8"
							CONTACT: popeyes@creative-materials.com 1.800.207.2881 #4 7787
	EP-1	EXTERIOR PAINT	STUCCO MAIN WALL SURFACE ABOVE WAINSCOT ACCENT TRIM	BENJAMIN MOORE	ULTRA SPEC 800 EGGSHELL	WHITE OG-125 MOONLIGHT WHITE	CONTACT: RODGER LIPMAN C. 848.702.0239 rodge@pman@popeyesmore.com
	EP-2	EXTERIOR PAINT	BRICK TOWER METAL CORING	BENJAMIN MOORE		ROOT BEER CANDY 2105-20	CONTACT: RODGER LIPMAN C. 848.702.0239 rodge@pman@popeyesmore.com
	EP-3	EXTERIOR PAINT	STUCCO EXTERIOR WAINSCOT, SILL PAINT AND DUMPS/TER POLES	BENJAMIN MOORE	ULTRA SPEC 800 EGGSHELL	*GRAY HC-170 STONINGTON GREY	CONTACT: RODGER LIPMAN C. 848.702.0239 rodge@pman@popeyesmore.com
	EP-4	EXTERIOR PAINT	BOLLARDS PYLON POLE AND DIRECTIONAL SIGN POLES	BENJAMIN MOORE		SAFETY YELLOW	CONTACT: RODGER LIPMAN C. 848.702.0239 rodge@pman@popeyesmore.com
	EP-5	METAL/PAINT	DRIVE THRU WINDOW CANOPY	PROVIDED BY MANUFACTURER	PROVIDED BY MANUFACTURER	ORANGE, PANTONE #3564 C. PROVIDED BY MANUFACTURER	PROVIDED BY MANUFACTURER
	EP-6	METAL/PAINT	BUILDING CANOPIES	PROVIDED BY MANUFACTURER	PROVIDED BY MANUFACTURER	TEAL, PANTONE #326 C. PROVIDED BY MANUFACTURER	PROVIDED BY MANUFACTURER
	EP-7	EXTERIOR PAINT	RAILING DUMPS/TER GATES			FACTORY FINISH BLACK	
	EP-8	EXTERIOR PAINT	ALL EXTERIOR WALLS	BENJAMIN MOORE		ANTI-GRAFFITI COAT 1532	CONTACT: RODGER LIPMAN C. 848.702.0239 rodge@pman@popeyesmore.com
	DP-1	DOOR	EXTERIOR DOORS MAIN ENTRANCE AND SIDE ENTRANCE	PROVIDED BY MANUFACTURER	TO BE PURCHASED FROM MANUFACTURER IN ORANGE FINISH	ORANGE, PANTONE #3564 C. PROVIDED BY MANUFACTURER	
	ES-1	SHUTTERS	EXTERIOR WALLS	PROVIDED BY MANUFACTURER	TO BE PURCHASED FROM MANUFACTURER IN TEAL FINISH	TEAL, PANTONE #326 C. PROVIDED BY MANUFACTURER	PROVIDED BY MANUFACTURER
	EB-2	FACE BRICK	FRONT OF BLDG.	GLEN-GERY	THIN BRICK	ASPEN WHITE W804	7 7/8" x 2 1/2" x 3/4"
	EB-3	FACE BRICK	BASE OF BLDG.			STONE GRAY K12-3009	



1 SOUTH ELEVATION  
1/4"=1'-0"



2 NORTH ELEVATION  
1/4"=1'-0"



**POPEYES**

NO.	DESCRIPTION	DATE
1	REVISED ELEVATIONS	3-31-22
2	REVISED ELEVATIONS	3-8-22
3	REVISED PRELIMINARY PLANS	8-3-21
4	REVISED PRELIMINARY PLAN	7-26-21

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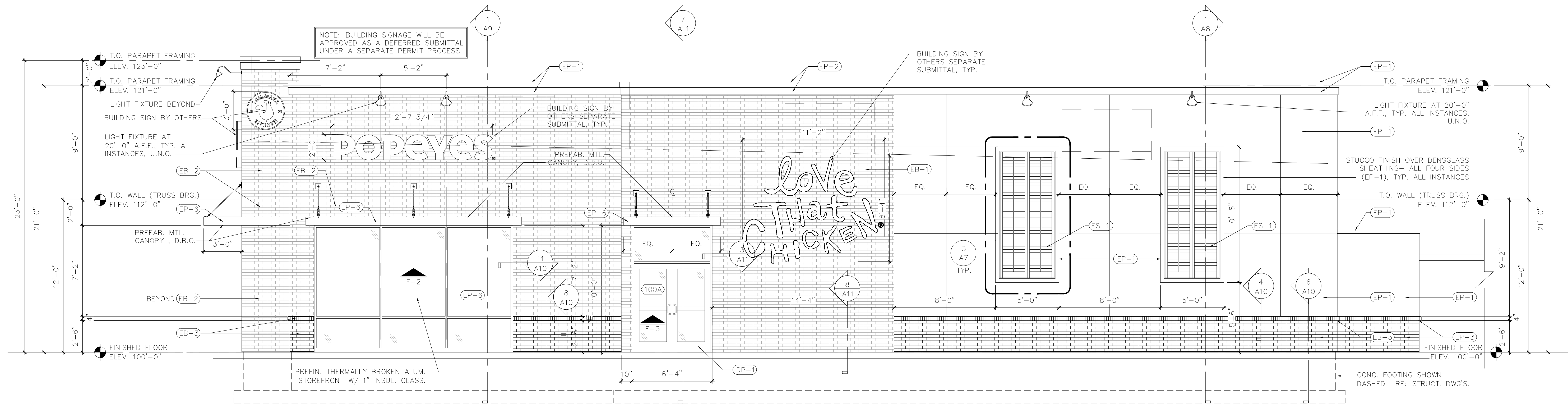
DRAWN BY: J. THORSTENSON  
CHECKED BY: M. VALENTINI  
PROJECT No: 21086

EXTERIOR ELEVATIONS

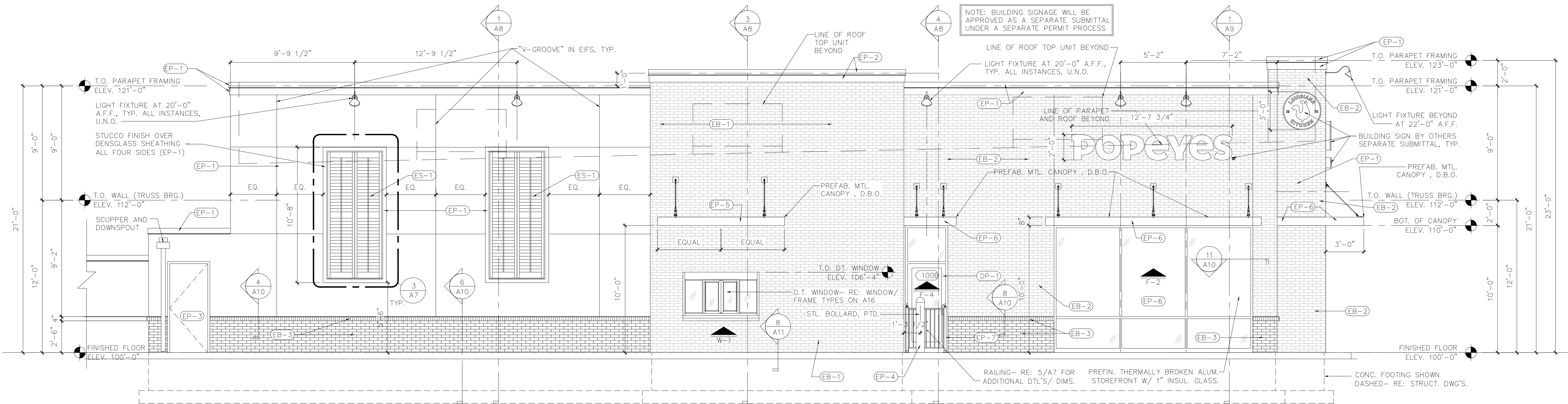




POPEYES



1 WEST ELEVATION  
1/4"=1'-0"



2 WEST ELEVATION  
1/4"=1'-0"

NO.	ISSUE DATES / REVISIONS	DESCRIPTION	DATE
1	3-31-22	REVISED ELEVATIONS	
2	5-8-22	REVISED ELEVATIONS	
3	8-3-21	REVISED PRELIMINARY PLAN	
4	7-29-21	REVISED PRELIMINARY PLAN	

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CHECKED BY: M. VALENTINI  
PROJECT No: 21086

EXTERIOR ELEVATIONS

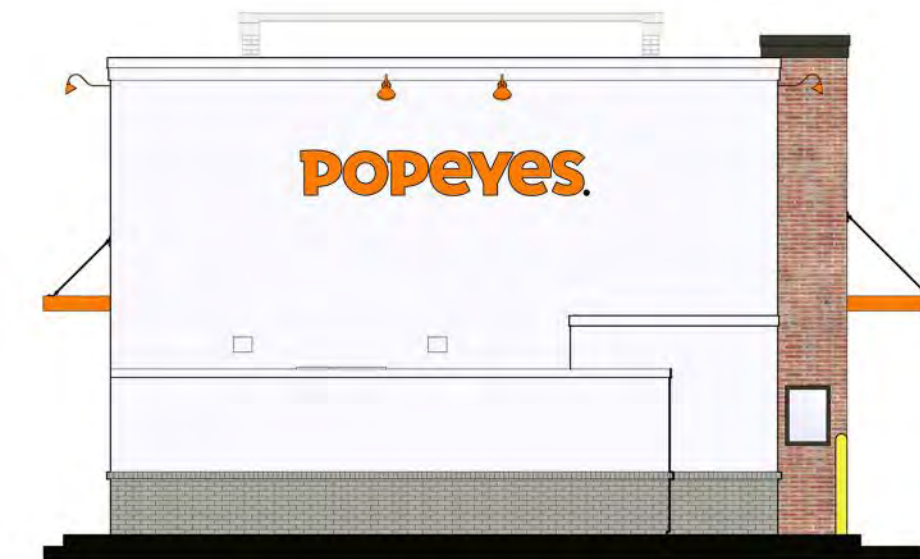




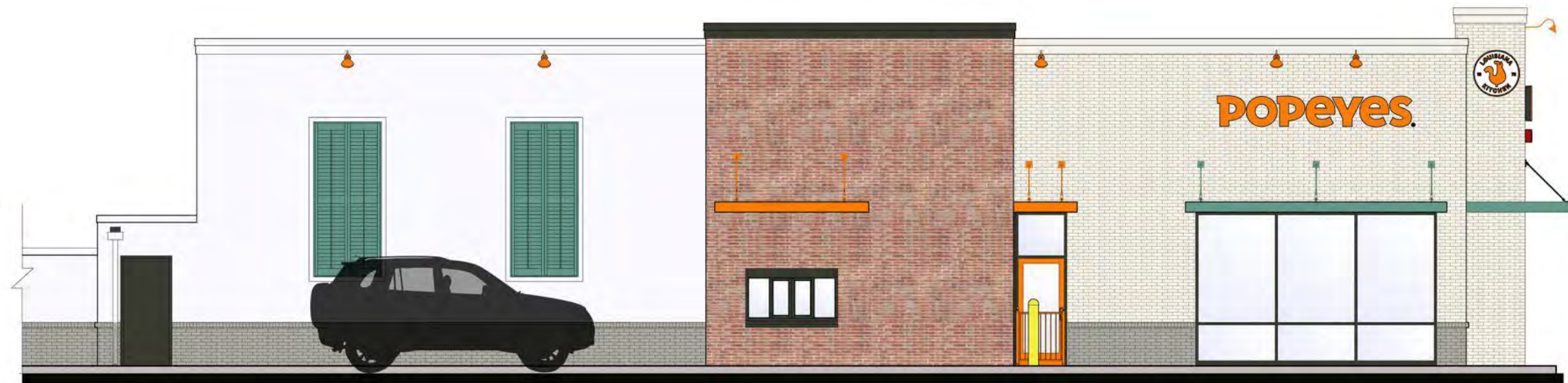
EAST ELEVATION



SOUTH ELEVATION



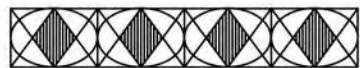
NORTH ELEVATION



WEST ELEVATION

MRV

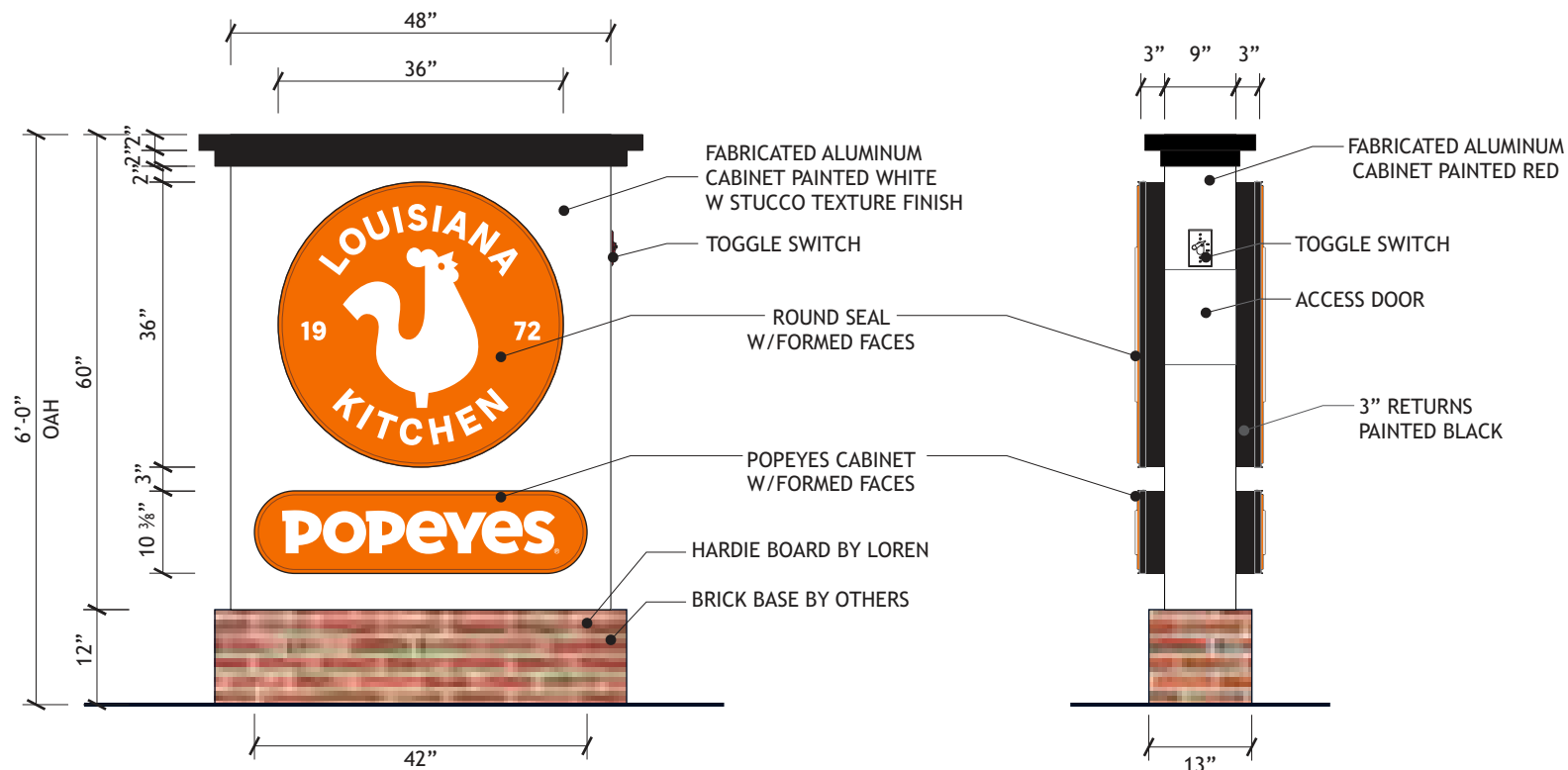
ARCHITECTS, INC.



5105 TOLLVIEW DR., SUITE 201  
 ROLLING MEADOWS, IL 60008  
 TEL: 224-318-2140

**POPEYES**  
 LOUISIANA KITCHEN





**COLOR SPECIFICATIONS:**

- PMS 3564C - 3M 3630-84 TANGERINE
- WHITE - 3M 3630-20 WHITE
- BLACK CORNICE (EP-2)
- WHITE W STUCCO TEXTURE FINISH (EP-1)
- THIN BRICK (EB-1) FLAGSTAFF DONE BY OTHERS



NIGHT TIME VIEW

**SCOPE OF WORK**

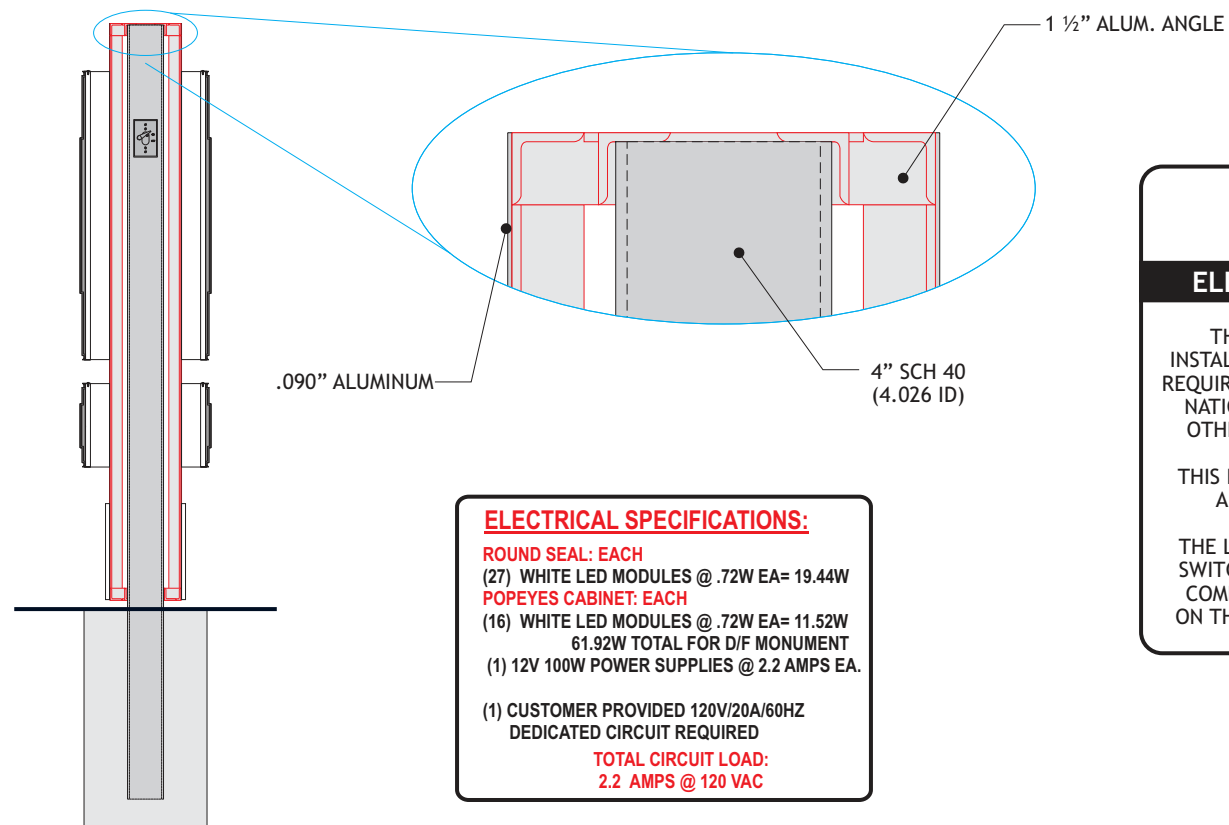
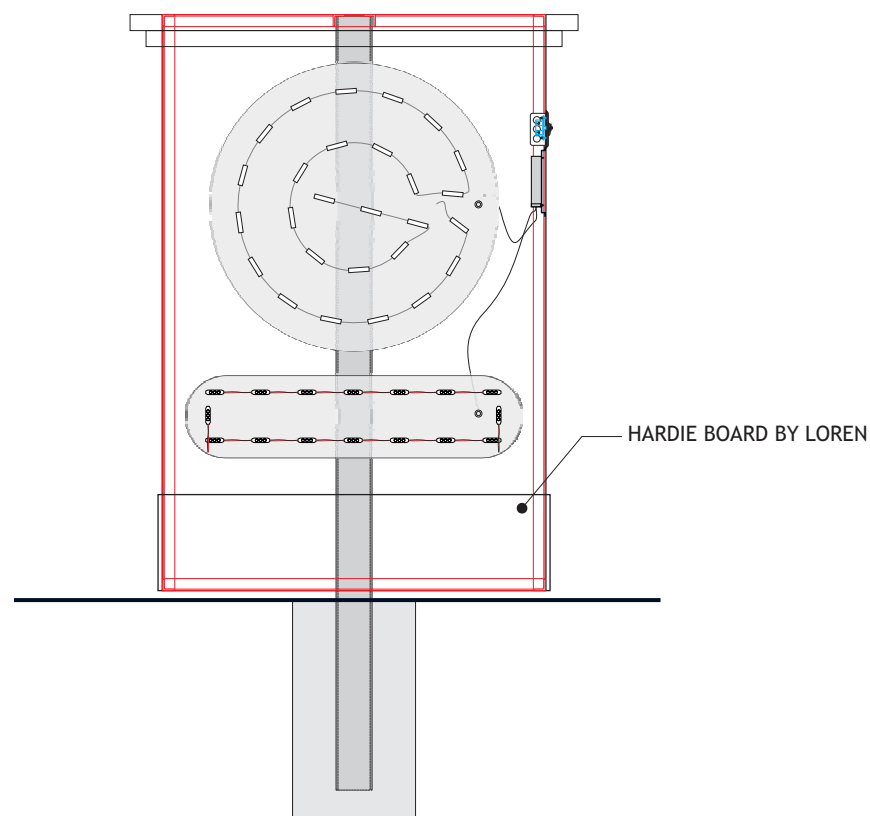
- 1.) Manufacture and install type double faced monument as shown.
- 2.) Cabinet to be fabricated w/1 1/2" alum. angle & skinned w/.090" alum.
- 3.) Illuminated Round seal & POPEYES cabinet to be mounted to monument.

**N#**

**MONUMENT SIGN**

SIGN AREA: 24 SQ. FT.

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



**ELECTRICAL SPECIFICATIONS:**

**ROUND SEAL: EACH**  
 (27) WHITE LED MODULES @ .72W EA= 19.44W  
**POPEYES CABINET: EACH**  
 (16) WHITE LED MODULES @ .72W EA= 11.52W  
 61.92W TOTAL FOR D/F MONUMENT  
 (1) 12V 100W POWER SUPPLIES @ 2.2 AMPS EA.

(1) CUSTOMER PROVIDED 120V/20A/60HZ DEDICATED CIRCUIT REQUIRED

**TOTAL CIRCUIT LOAD:  
 2.2 AMPS @ 120 VAC**

**UL LISTED**

**ELECTRIC SIGN SECTION**

THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE & ALL OTHER APPLICABLE LOCAL CODES.

THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN.

THE LOCATION OF THE DISCONNECT SWITCH AFTER INSTALLATION SHALL COMPLY WITH ARTICLE 600.6(A)(1) ON THE NATIONAL ELECTRICAL CODE

**N#**

**MONUMENT SIGN**

SIGN AREA: 24 SQ. FT.

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



**LOREN**

LOREN INDUSTRIES

12226 Coast Drive  
Whittier, CA 90601

Tel: (562) 946-7545

Fax: (562) 949-5707

St. Lic.: 455415

Los Angeles, CA



DRAWING/REVISION NO.:

02-20-0002R2

PAGE NO.:

26 OF 34

CLIENT:

POPEYES

ADDRESS

5707 Blue Lagoon Drive  
Miami, FL 33126

Approval Signature

DATE:

02/14/2020

PROJECT MANAGER

Dave P.

DESIGNER:

EC

REVISION DATE:

05/27/2020


REVISION BY:

EC

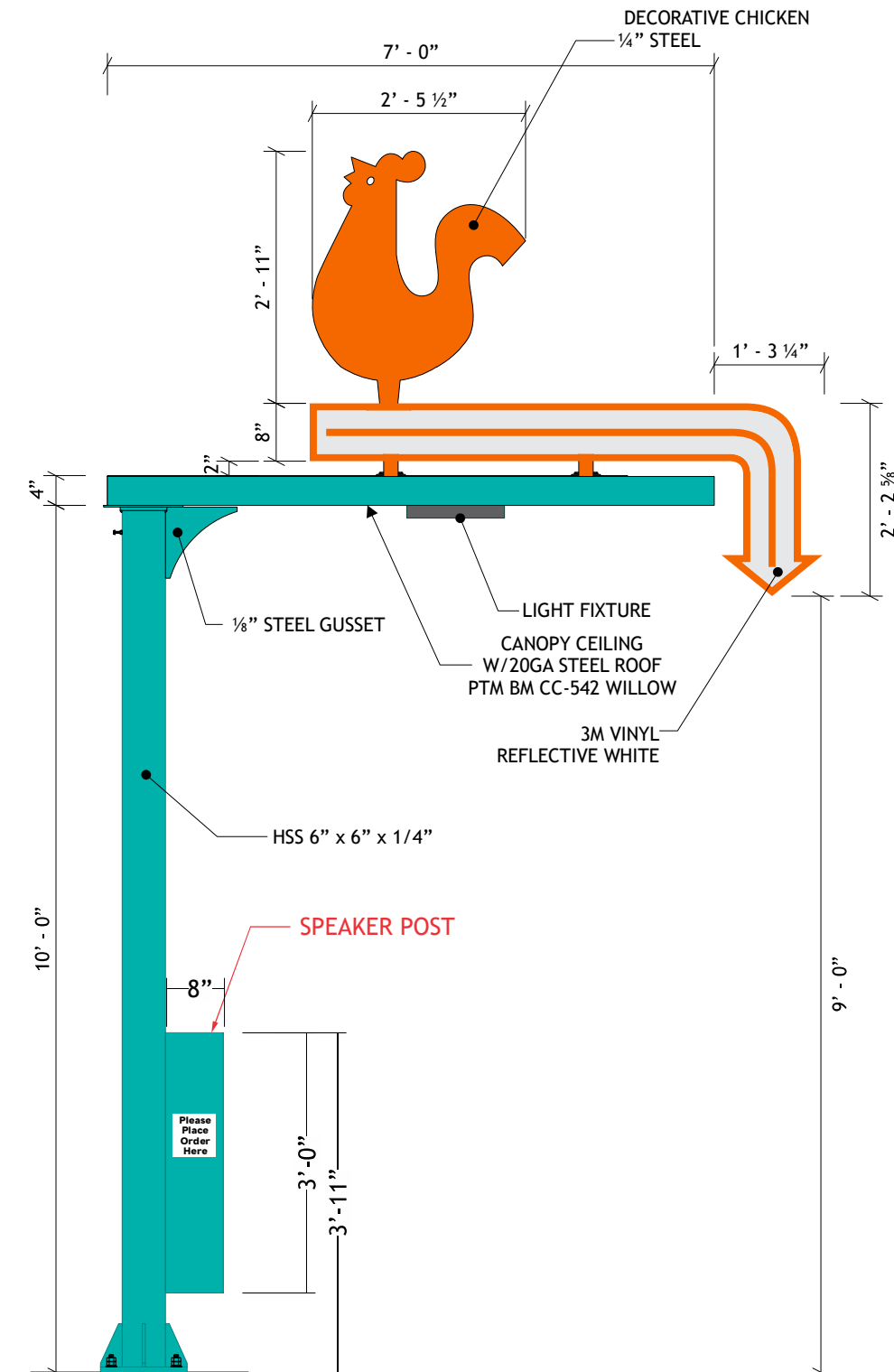
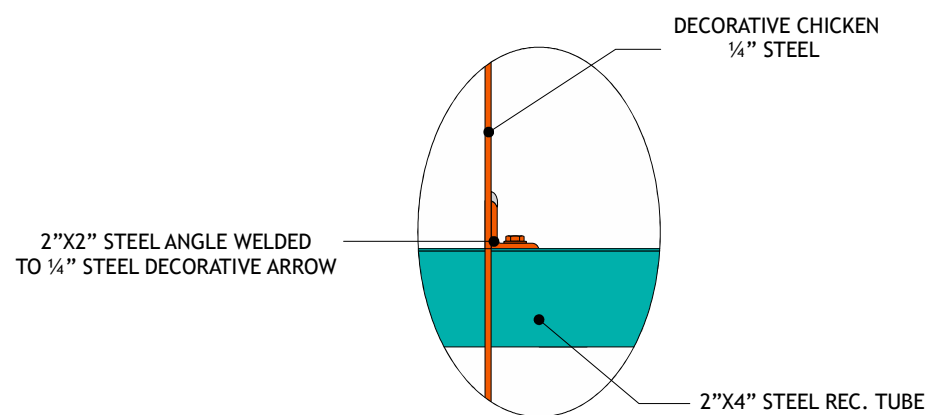
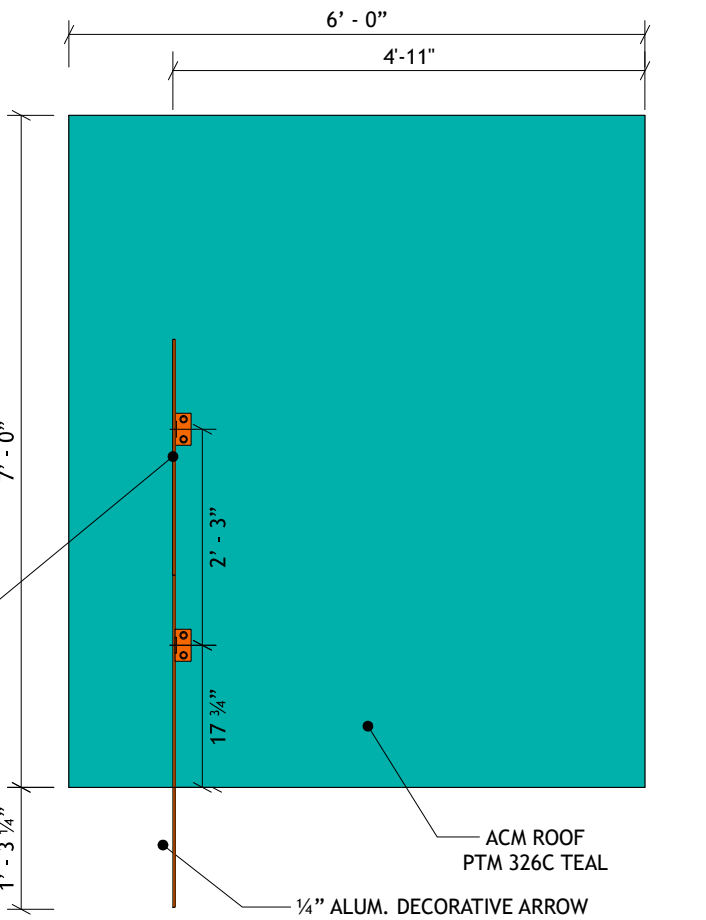
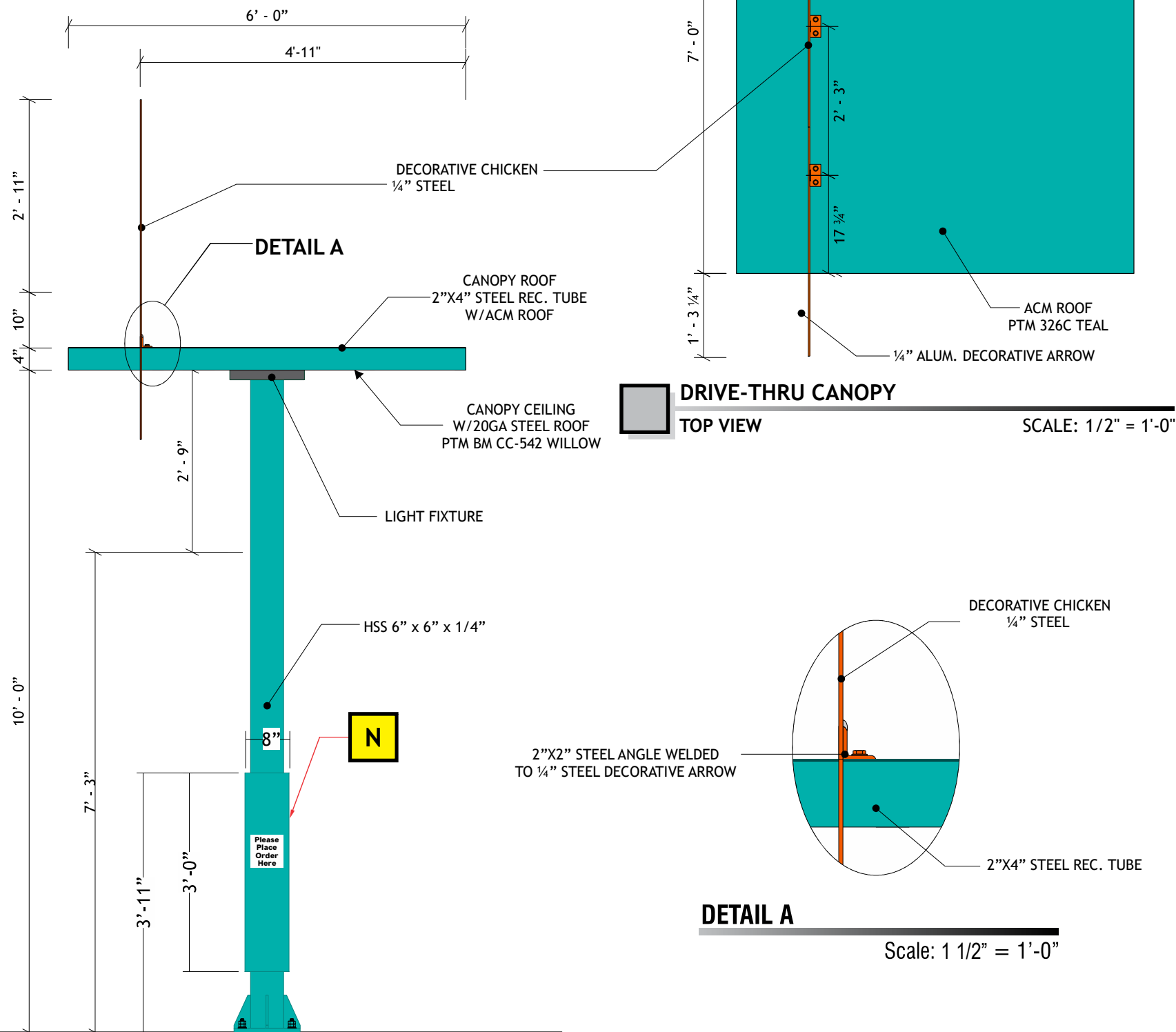
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**COLOR**

 PMS 326C TEAL

 PMS 3564C



**FOOTING BY OTHERS**



**LOREN**

LOREN INDUSTRIES

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Tel: (562) 946-7545  
Fax: (562) 949-5707  
St. Lic.: 455415

Los Angeles, CA



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CLIENT:

POPEYES

ADDRESS

5707 Blue Lagoon Drive  
Miami, FL 33126

Approval Signature

DATE:

02/14/2020

PROJECT MANAGER

Dave P.

DESIGNER:

EC

REVISION DATE:

03/26/2021

REVISION BY:

Adrian C.

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**DRIVE-THRU CANOPY**

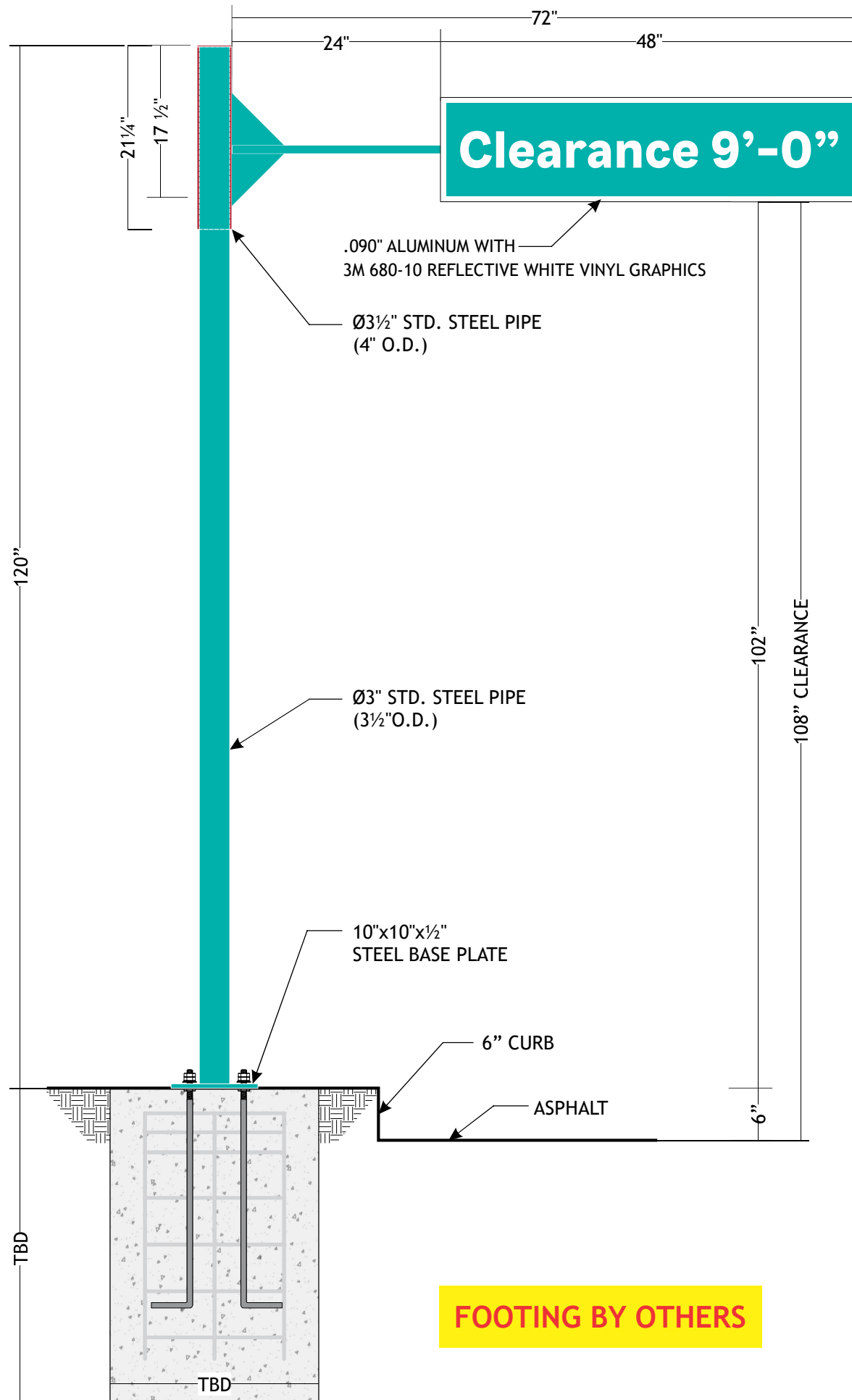
**QTY. 2**  
SCALE: 1/2" = 1'-0"



**DRIVE-THRU CANOPY**

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

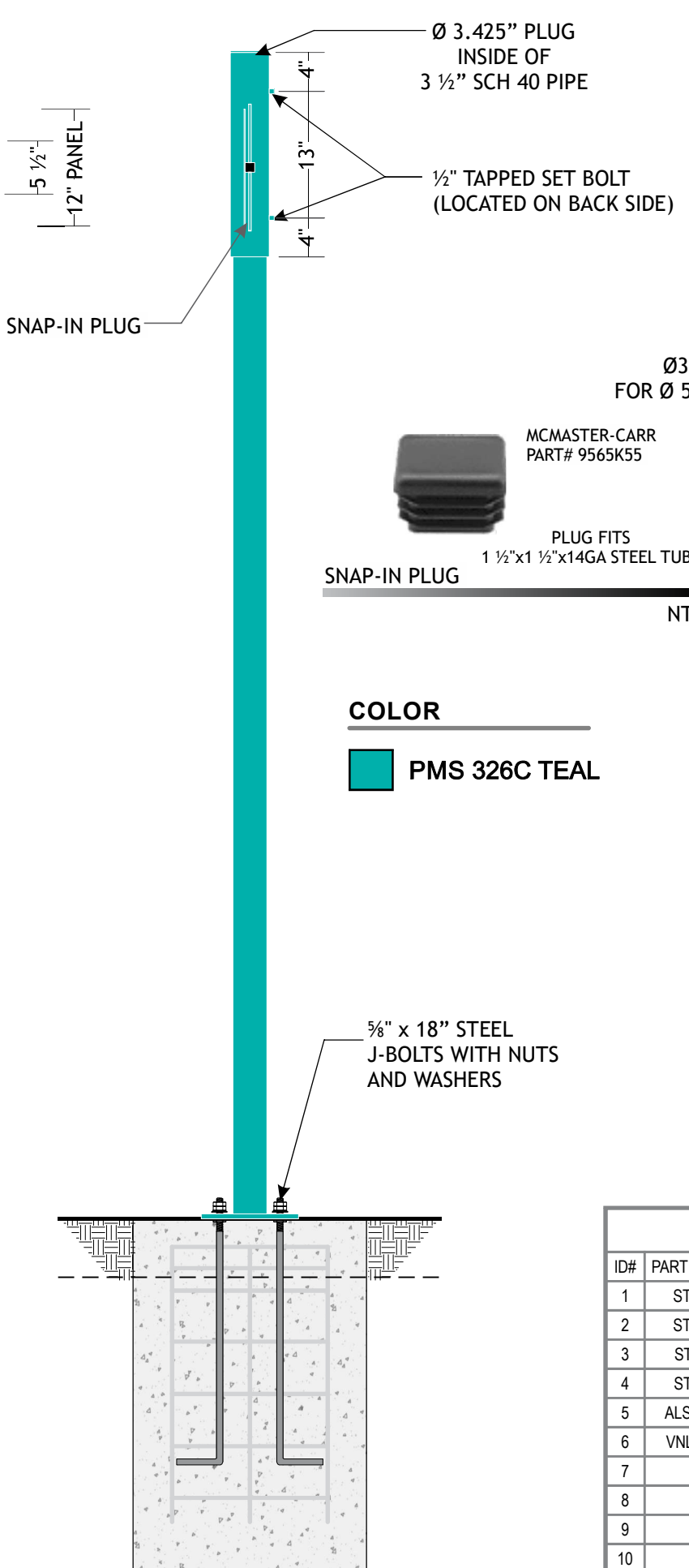




**FOOTING BY OTHERS**

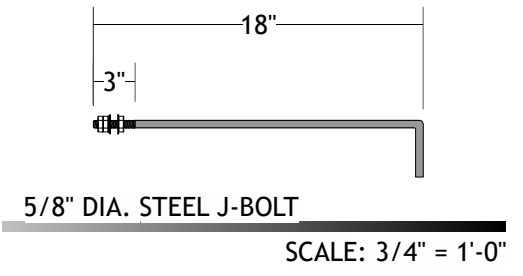
**CLARENCE BAR**  
FRONT VIEW

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

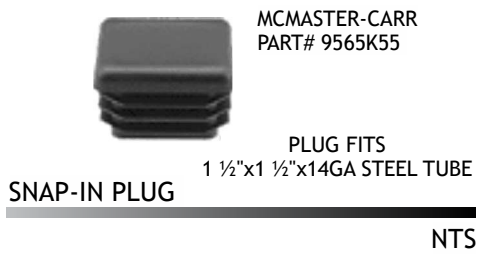


**CLARENCE BAR**  
SIDE VIEW

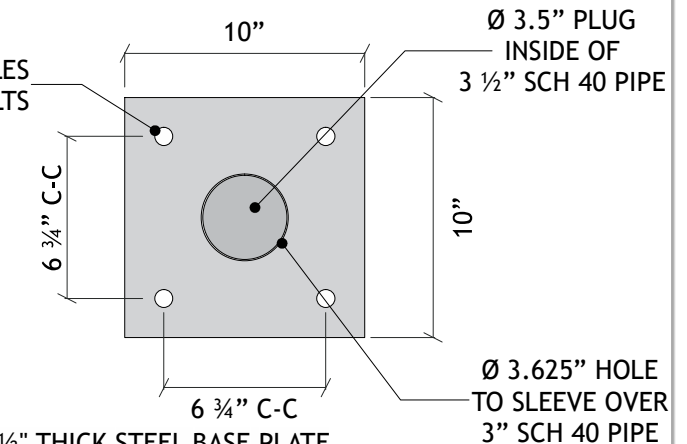
SCALE: 3/4" = 1'-0"



5/8" DIA. STEEL J-BOLT  
SCALE: 3/4" = 1'-0"



SNAP-IN PLUG  
MCMASTER-CARR  
PART# 9565K55  
PLUG FITS  
1 1/2"x1 1/2"x1/4"GA STEEL TUBE  
NTS



3 1/2" THICK STEEL BASE PLATE  
PATTERN  
SCALE: 1 1/2" = 1'-0"

**COLOR**  
PMS 326C TEAL

**SPECIFICATIONS:**

1. PANEL .090" ALUMINUM WITH 3M 680-10 REFLECTIVE WHITE VINYL GRAPHICS
2. 1" TUBE STEEL HORIZONTAL ARM
3. 3 1/2" SCH 40 ROUND PIPE SLEEVE, WITH CAP PLATE
4. 3" SCH 40 ROUND PIPE MAIN SUPPORT
5. 1/2"x10"x10" STEEL BASE PLATE
6. 5/8"x18" STEEL J-BOLTS
7. PAINT - PMS 326C TEAL

**NOTE:**  
.125" ACM TEMPLATE OF BASE PLATE & J-BOLTS TO SHIP AHEAD OF PIPE.

BILL OF MATERIALS				
ID#	PART NUMBER	MATERIAL DESCRIPTION	QTY	UOM
1	STRP-13	3-1/2" Round Pipe, Schedule 40 X 20'	2	FT
2	STRP-03	3" Round Pipe, Schedule 40 X 20'	10	FT
3	STPL-04	1/2" X 48" X 96" Steel Plate	1	SF
4	STTS-02	1" Sq Tube Steel, Galvanized x 16GA x 20'	5	FT
5	ALS-090.02	.090" X 48" X 120" Mill Aluminum Sheet	4	SF
6	VNL-3M-41	680-10 X 48" Reflective White Vinyl	4	FT
7		5/8" X 18" STEEL J-BOLT	4	EA
8		5/8" SAE WASHER	8	EA
9		5/8" STEEL HEX NUT	8	EA
10		PAINT	0.10	GA



**LOREN INDUSTRIES**

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Whittier, CA 90601  
Tel: (562) 946-7545  
Fax: (562) 949-5707  
St. Lic.: 455415  
Los Angeles, CA



DRAWING/REVISION NO.:  
**02-20-0002R5**

PAGE NO.:  
**25 OF 34**

CLIENT:  
**POPEYES**

ADDRESS  
5707 Blue Lagoon Drive  
Miami, FL 33126

Approval Signature

DATE:  
02/14/2020

PROJECT MANAGER  
Dave P.

DESIGNER:  
EC

REVISION DATE:  
03/26/2021

REVISION BY:  
Adrian C.

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---

# Dynamic and Engaging Digital Signage in Your Drive-Thru



Figure 1. Let the Outdoor Digital Menu Board Make a Great First Impression

SICOM Systems, Inc. now offers the same bright, eye-catching Digital Menu Board (DMB) technology in a resilient outdoor enclosure with our Outdoor Digital Menu Board (ODMB) systems. Up to three vertical 49" (124.46 cm) LCDs can be used as digital signage. Present your products and promotions to drive-thru customers with crisp imagery, striking animations, and easily managed pricing.

This guide contains the following chapters to assist you in installing your ODMB system:

- [Chapter 1, ODMB Enclosures and Requirements](#) provides an overview of the dimensions and technical specifications of the enclosure itself.
- [Chapter 2, DMB Controller Settings](#) walks you through configuring the restaurant-specific settings for your DMB controllers.
- [Chapter 3, 49" Installation Overview and Requirements](#) shows you how to perform the physical installation of the enclosure and its displays.
- Finally, with your displays installed and powered on, [Chapter 4, Display Settings](#) contains the steps needed to get your displays on the network and correctly interfacing with the SICOM DMB controllers.



# ODMB Enclosures and Requirements

The Outdoor Digital Menu Board enclosure consists of a base and up to three display modules, each module containing an integrated LG display.



## Note

1 x 1 systems utilize an ST-491X stand with a single 49XEB3E display module, while 1 x 3 systems utilize an ST493-X stand and three 49XEB3E displays modules.

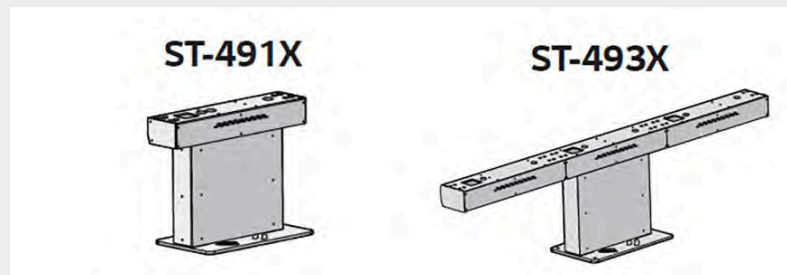


Figure 1.1. Images excerpted from LG Signage Stand User Manual (ST-491X and ST-493X).

## 1.1. Tailoring Your Display Options

SICOM Outdoor Digital Menu Board enclosures are constructed to meet your available space and advertising needs. 1 x 1 and 1 x 3 ODMB enclosures are the most commonly approved configurations.



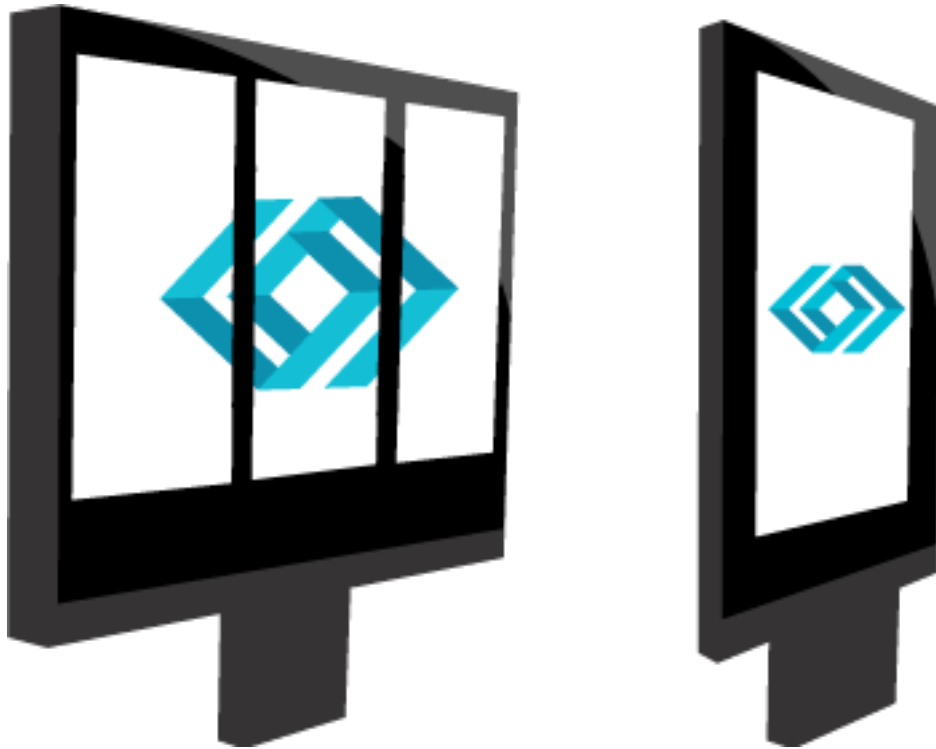


Figure 1.2. Enclosure width may vary depending on site needs and a franchise's approved enclosures.

### 1.1.1. Dimensions and Performance Specifications

Measurements and dimensions for the triple and single display enclosures:

Enclosure Measurements	Triple Display Model
Width (including base ST-493X)	82.8" (210.31 cm)
Height (including base ST-493X)	78" (198.12 cm)
Base Width (ST-493X)	82.8" (210.31 cm)
Base Height (ST-493X)	21.2" (53.84 cm)
Base Depth (ST-493X)	12.60" (32 cm)
Weight	Total is approx. 563.7 lb (255.7 kg) with the displays, 176.4 lb (80 kg) without displays.

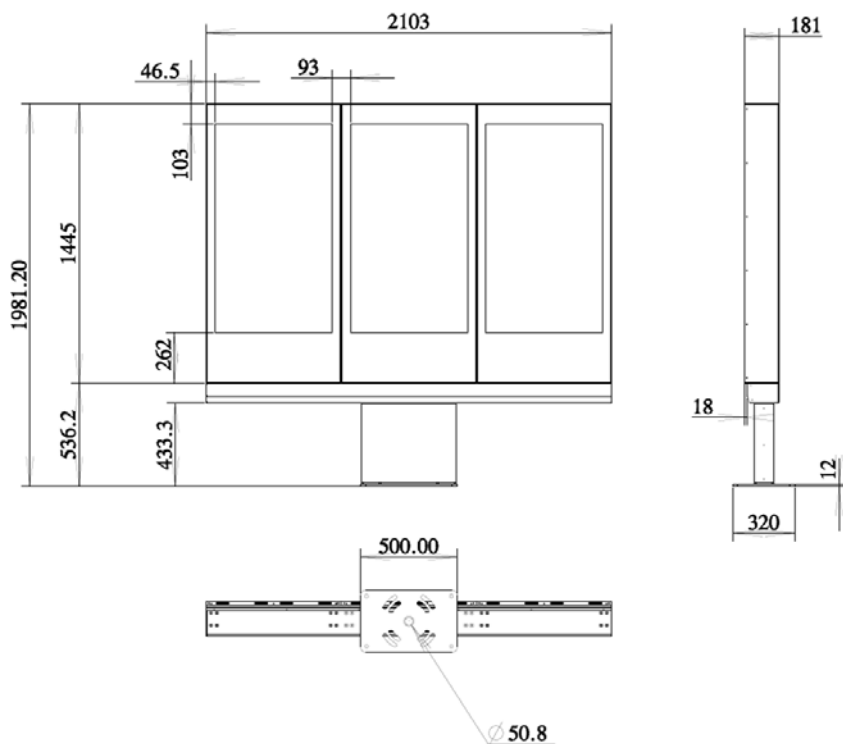
Enclosure Measurements	Single Display Model
Width (including base ST-491X)	27.6" (70.1 cm)
Height (including base ST-491X)	78" (198.12 cm)
Base Width (ST-491X)	27.6" (70.1 cm)
Base Height (ST-491X)	21.2" (53.82 cm)



Enclosure Measurements	Single Display Model
Base Depth (ST-491X)	12.60" (32 cm)
Weight	Total is approx. 217.4 lb (98.6 kg) with the displays, 88.18 lb (40 kg) without displays.

Performance Specifications	
IP Code	IP56 Certified
Coating and Finish	Durable Outdoor Rated Powder Coat Finish

**LG Technical Drawing 49" Display, 1 x 3 Enclosure (Units in MM)**







**PRODUCT REFERENCE ONLY  
GLEN-GERY FACE BRICK: ASPEN WHITE**





**PRODUCT REFERENCE ONLY  
GLEN-GERY FACE BRICK:  
STONE GREY**



yes

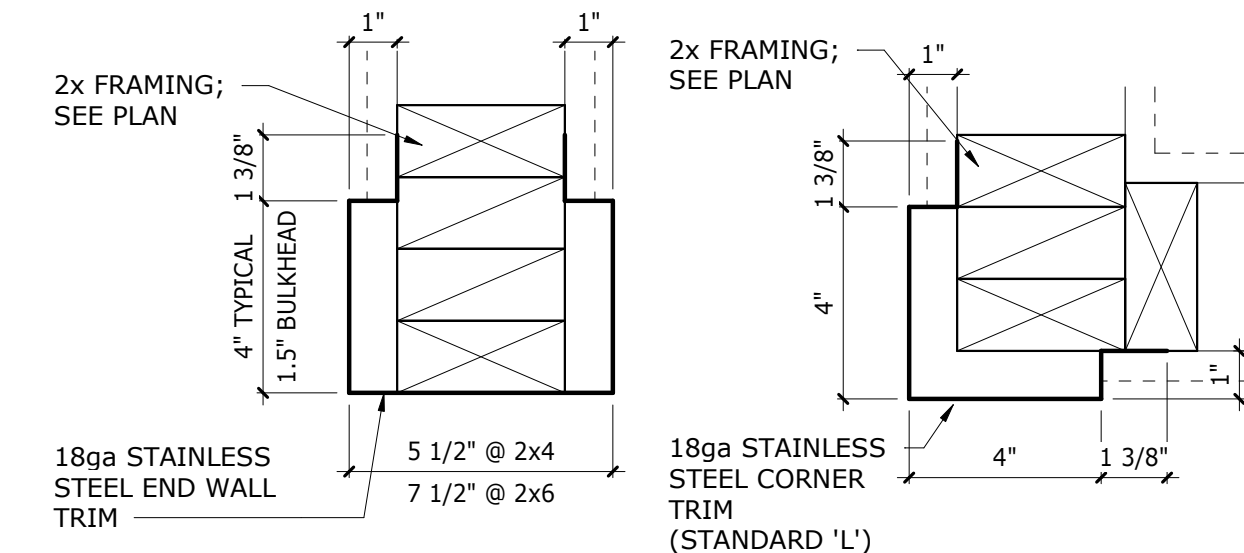
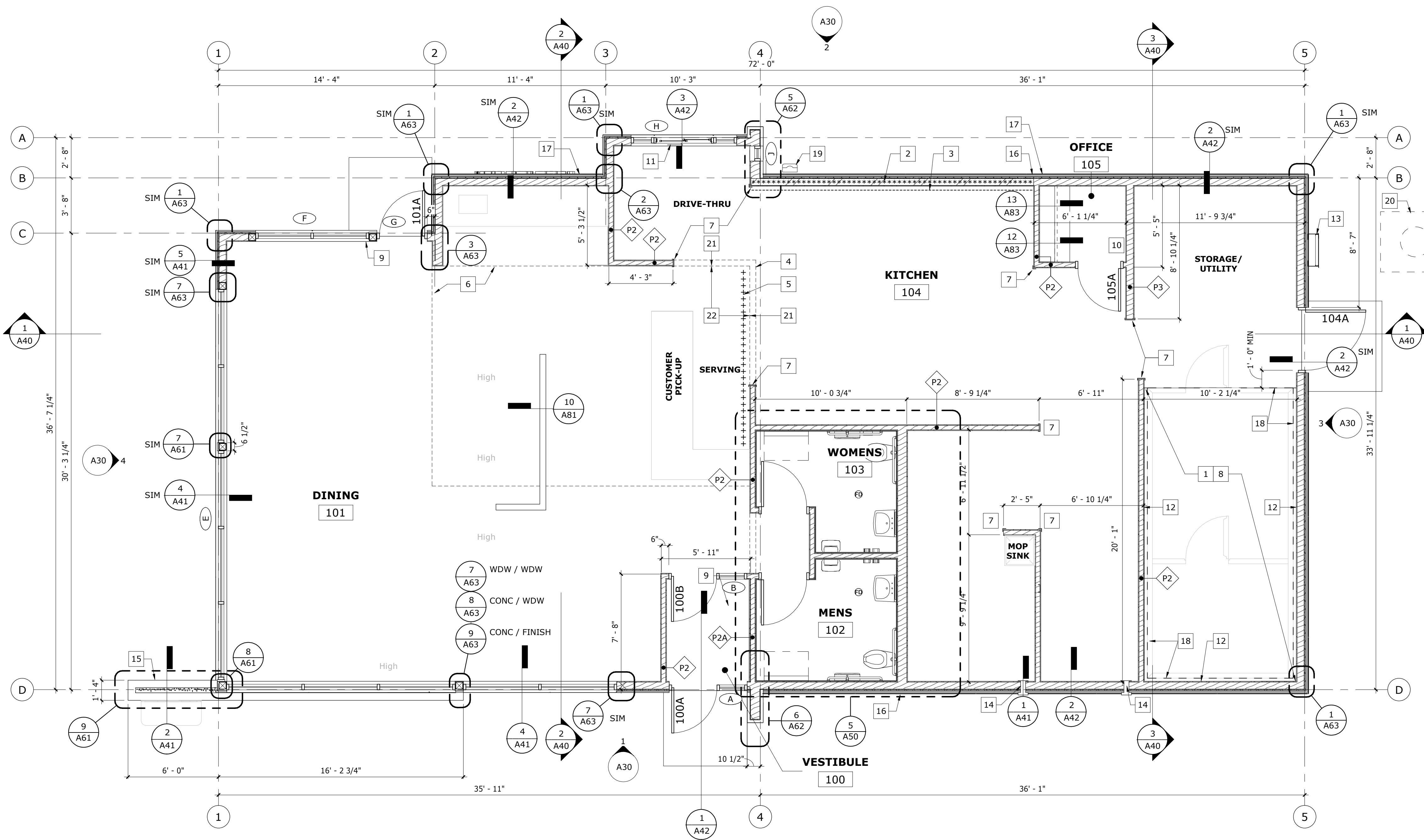


RED NICHIIHA BRICK





#	FLOOR PLAN KEYNOTES
1	RECESSED FLOOR SLAB AT WALK-IN BOX; REFER TO STRUCTURAL
2	***** INDICATES USG 5/8" DUROCK (OR APPROVED EQUAL) AT FINISH FLOOR TO CEILING; 18ga CEE STUD FRAMING AT 16" OC BEHIND HOOD (IN LIEU OF WOOD STUD); EXTEND 18" MIN BEYOND EACH END OF HOOD
3	DASHED LINE INDICATES 18ga STAINLESS STEEL PANELS FROM TOP OF COVE BASE TO CEILING AND 18" MIN WIDE BEYOND EACH SIDE OF HOOD; GC TO PROVIDE STAINLESS ON REMAINDER OF WALL NOT SUPPLIED BY HOOD MANUFACTURER
4	DASHED LINE OF BULKHEAD ABOVE; REFER TO CEILING PLAN
5	+++++ INDICATES 5/8" PLYWOOD BACKING ON WALLS FOR EQUIPMENT AS INDICATED ON PLAN; BULKHEAD AT MENUBOARD WALL FROM 7'-0" AFF TO BOTTOM OF ROOF TRUSSES
6	DASHED LINE OF SOFFIT ABOVE; REFER TO CEILING PLAN
7	INSTALL STAINLESS STEEL CAP ON WALL END AND UNDERSIDE OF ALL BULKHEADS IN SERVICE AREA; REFER TO DETAIL 2/A10
8	INTERIOR WALK-IN BOX WITH FLOOR ON RECESSED CONCRETE SLAB; VERIFY SIZE WITH MANUFACTURER AND COORDINATE WITH ADJACENT WALLS
9	EXIT SIGN LOCATION; REFER TO DETAIL 1/A50 & 2/A50
10	RECESSED ELECTRICAL PANEL LOCATION
11	VERIFY OPENING DIRECTION OF SLIDING WINDOW WITH OWNER; SEE SHEET A80
12	INSTALL 5/8" GBD TO TOP OF WALL BEHIND WALK-IN BOX; FIRE TAPE
13	ROOF ACCESS LADDER; SEE SHEET A11 FOR DETAIL
14	4"x4" RECESSED LOCK BOX FOR BULK CO2 BEVERAGE SUPPLY LINE AND GREASE RECYCLING MOUNTED AT 4'-0" AFF
15	PLANTER BOX; REFER TO SECTION 2/A41 AND DETAIL 11/A61 FOR ADDITIONAL INFORMATION
16	HOSE BIB LOCATION; REFER TO PLUMBING
17	COW'S TONGUE (ABOVE) WITH SPLASHBLOCK (BELOW); REFER TO PLUMBING
18	LINE OF RECESSED SLAB SHOWN DASHED; SEE STRUCTURAL
19	APPROXIMATE LOCATION OF GAS METER; SEE CIVIL
20	APPROXIMATE LOCATION OF GREASE INTERCEPTOR; SEE CIVIL
21	EXTENTS FOR FL1 (FLUID APPLIED FLOORING)
22	SEE DECOR PLANS FOR FLOOR FINISHES



2 CORNER & END WALL TRIM  
3" = 1'-0"

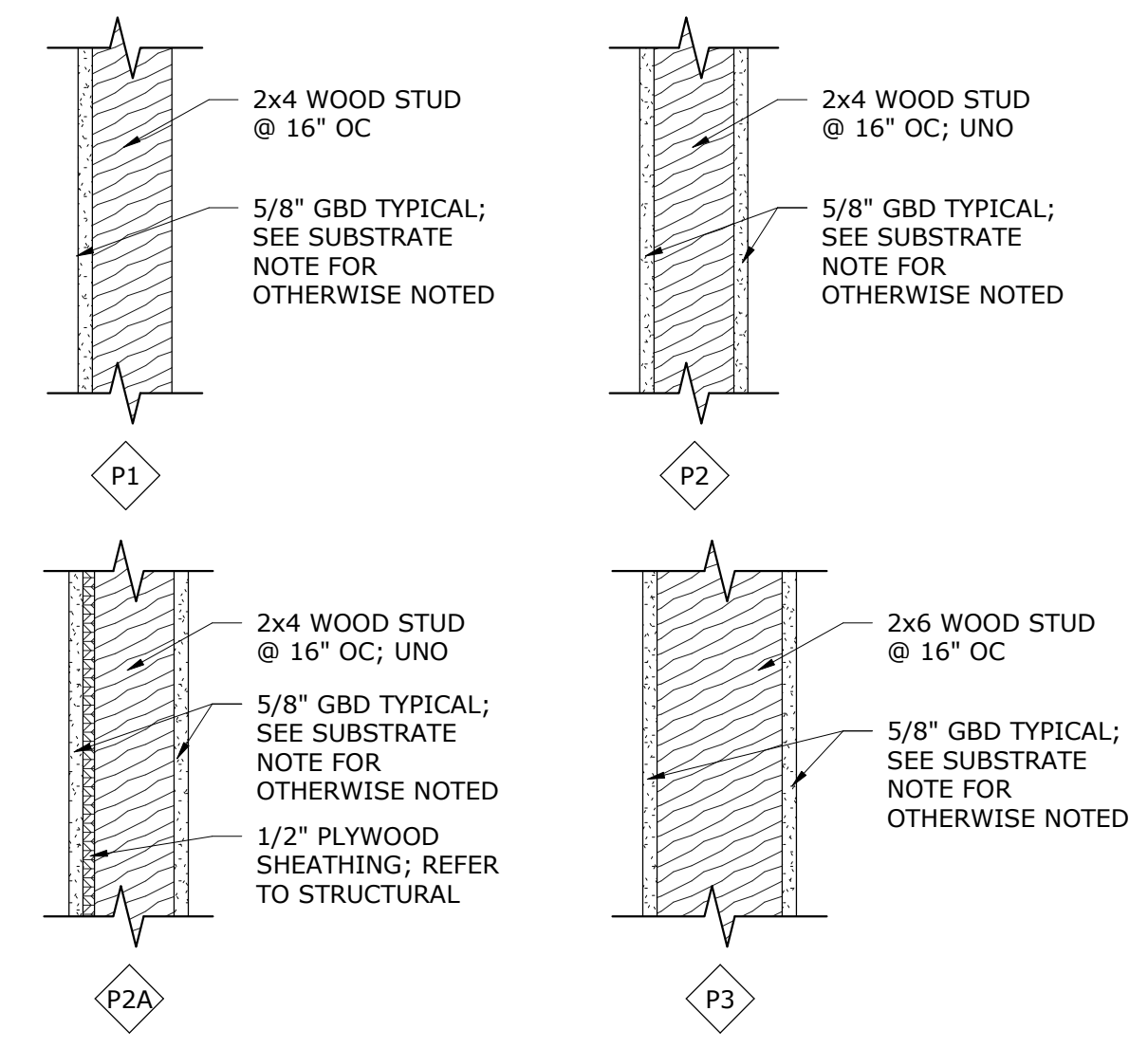
1 FLOOR PLAN  
1/4" = 1'-0"

**GENERAL NOTES - FINISH:**

- REFER TO DECOR PACKAGE FOR ALL INTERIOR FINISH INFORMATION
- ALL BACK OF HOUSE AREAS TO HAVE FRP FINISH ON WALLS AND RESIN ON FLOORS WITH INTEGRAL COVE BASE, INCLUDING BUT NOT LIMITED TO, DRIVE-THRU, KITCHEN, OFFICE, STORAGE AND UTILITY; REFER TO A81 FOR RESIN AND FRP INFORMATION
- PRIOR TO INSTALLATION OF ALL FLOOR TILE, GC TO TREAT EVERY CONCRETE CRACK AND CONTROL JOINTS WITH AN 18" WIDE STRIP (CENTERED ON JOINT) OF CRACK ISOLATION LIQUID MEMBRANE INSTALLED PER MANUFACTURERS RECOMMENDATIONS; PRODUCT TO BE FROM REDGUARD OR GREEN SEEL OR APPROVED EQUAL

**GENERAL NOTES - FLOOR PLAN:**

- GRID LINES ARE TO OUTSIDE FACE OF CONCRETE FOUNDATION AND OUTSIDE FACE OF SHEATHING OF WALL ABOVE, UNO; SEE WALL DETAILS FOR MORE INFORMATION
- REFER TO EXTERIOR ELEVATIONS FOR EXTENT OF EXTERIOR FINISHES AND TYPICAL EXTERIOR NOTES
- GC TO INSTALL INTERIOR FINISHES THROUGHOUT; REFER TO DECOR DRAWINGS FOR SPECIFICATIONS AND VERIFY SELECTIONS WITH OWNER PRIOR TO ORDERING
- PRELIMINARY FURNITURE LAYOUT SHOWN, REFER TO DECOR PACKAGE FOR FINAL FURNITURE LAYOUT AND INTERIOR FINISHES (TYP)
- INSTALL NEW CONVENIENCE ELECTRICAL OUTLETS IN DINING ROOM FOR CUSTOMERS, GC TO COORDINATE WITH DECOR PACKAGE (SUGGESTED LOCATIONS ON DECOR DRAWINGS, SOME MAY REQUIRE CONDUIT CUT INTO SLAB OR DROPPED DOWN FROM CEILING THRU DECORATIVE SCREEN) AND OWNER FOR QUANTITY AND LOCATIONS; GC TO PROVIDE POWER AND CABLE TV/SAT CONNECTIONS FOR WALL MOUNTED TV (SEE DECOR PACKAGE FOR LOCATION) GC TO PROVIDE ELECTRICAL FOR WALL MOUNTED LIGHTS IF CALLED OUT BY DECOR PACKAGE (SEE DECOR INTERIOR ELEVATIONS/ PLANS)
- GC TO VERIFY OPERATION OF ALL DOOR CLOSERS AND HARDWARE; CLOSERS TO PROVIDE A MAXIMUM SIBS OPERATING FORCE AND A CLOSING SPEED OF 5 SECONDS MIN
- FOR DOOR AND WINDOW TYPES, REFER TO SHEET A80
- ALL OUTSIDE CORNERS IN THE BACK OF HOUSE AREAS ARE TO HAVE CORNER GUARDS; SEE DETAIL 2/A10
- GC SHALL PROVIDE ALL CONCEALED WALL REINFORCEMENTS REQUIRED BY SUPPLIERS OF ALL PRODUCTS TO BE INSTALLED AND FOR SUPPORT OF WATER LINES



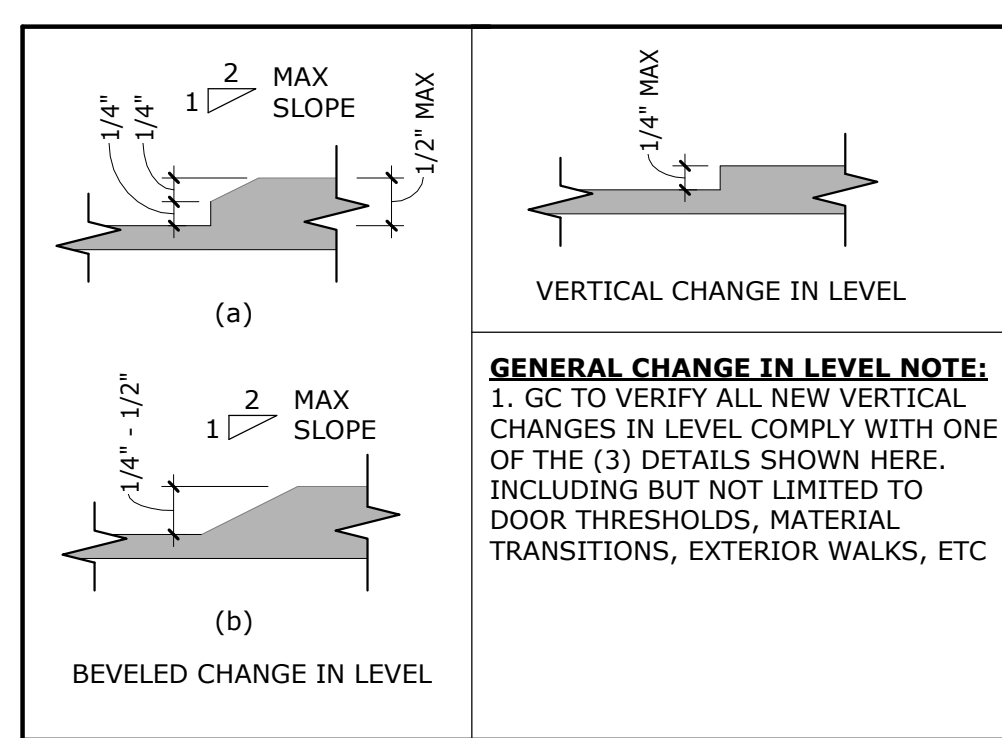
WALL TYPES  
1 1/2" = 1'-0"

**SUBSTRATE NOTE:** (INSTALL IN LIEU OF TYPICAL 5/8" GBD)

BACK OF HOUSE (KITCHEN - STORAGE - UTILITY - OFFICE)  
5/8" USG "DUROCK" (OR APPROVED EQUAL) AT FINISH FLOOR TO 12" AFF  
5/8" CDX PLYWOOD FROM 12" AFF TO 6" ABOVE CEILING

RESTROOMS  
5/8" USG "DUROCK" (OR APPROVED EQUAL) AT FINISH FLOOR TO 12" AFF  
5/8" WATER RESISTANT GBD FROM 12" AFF TO 6" ABOVE CEILING

MOP SINK  
5/8" USG "DUROCK" (OR APPROVED EQUAL) AT FINISH FLOOR TO CEILING; TYPICAL BOTH WALLS



3 ACCESSIBLE CHANGES IN LEVEL  
6" = 1'-0"

**PROJECT DATA:**  
NOTE: THIS CODE ANALYSIS DOES NOT DELINEATE DETAILED REQUIREMENTS FOR THE MECHANICAL AND ELECTRICAL SYSTEMS.

**CODE CRITERIA**  
20# XXXXXXXXXXXX BUILDING CODE  
20# XXXXXXXXXXXX ACCESSIBILITY CODE  
20# XXXXXXXXXXXX ENERGY CODE

**BUILDING**  
**OCCUPANCY CLASSIFICATION (SECTION 302)**  
• GROUP A-2 - RESTAURANT  
**CONSTRUCTION TYPE**  
• V-B, NON-SPRINKLERED  
**BUILDING AREA = 2,106 SF**  
**OCCUPANT LOAD (SECTION 1004)**  
DINING AREA: 45 OCC.  
KITCHEN AREA: 6 OCC.  
TOTAL NUMBER OF OCCUPANTS FOR THE BUILDING = 51 OCC.  
(TOTAL OCCUPANCY INCLUDING EXTERIOR SEATING = 67 OCC.)

**EXIT AND EXIT ACCESS (SECTIONS 1005, 1015, 1016, AND 1017)**  
• EXITS REQUIRED = 2 EXIT(S), 64" OF EXIT WIDTH  
• EXITS PROVIDED = 2 EXIT(S), 108" OF EXIT WIDTH  
• FIRE-RESISTANCE-RATED CORRIDORS ARE NOT REQUIRED

**EXIT SIGNS (SECTION 1003.2.10)**  
• EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. ACCESS TO EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR IS MORE THAN 100 FEET FROM THE NEAREST VISIBLE EXIT SIGN, EXCEPT:  
◊ EXIT SIGNS ARE NOT REQUIRED IN ROOMS OR AREAS WHICH REQUIRE ONE EXIT OR EXIT ACCESS

**FIRE SUPPRESSION SYSTEMS (SECTION 903)**  
• CONTRACTOR TO PROVIDE AND INSTALL PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY THE LOCAL FIRE MARSHAL. CONTRACTOR TO VERIFY LOCATION AND TYPE WITH THE LOCAL FIRE MARSHAL

**MINIMUM # OF REQUIRED PLUMBING FIXTURES (TABLE 2902.1; SECTION 2902)**

USE GROUP	OCCUPANTS	MALE				FEMALE				DF	SS
		WC	UR	LAV	SHWR	WC	LAV	SHWR			
A-2	98	1	1	1	0	1	1	0	1	1	
TOTAL PROVIDED		1	1	1	0	2	1	0	1*	1	

WC = WATER CLOSET      LAV = LAVATORY      UR = URINAL  
DF = DRINKING FOUNTAIN      SK = SERVICE SINK      SHWR = SHOWER  
\*DRINKING FOUNTAIN PROVIDED BY SODA MACHINE DISPENSING WATER

**FLOOR PLAN**

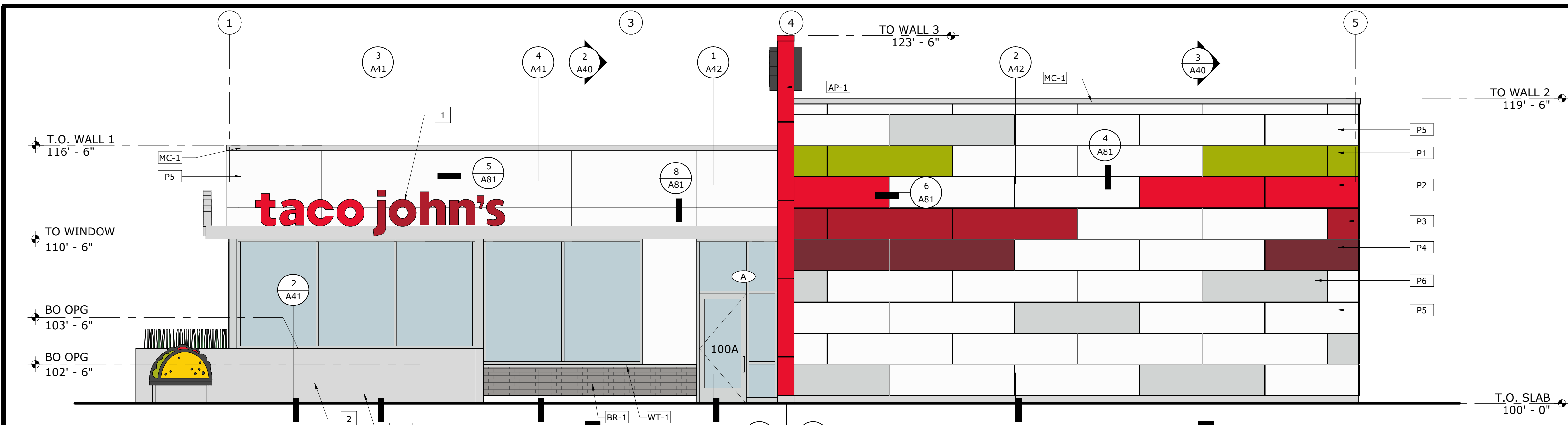
**TACO JOHN'S - NEW STORE**  
350 WEST LAYTON AVE  
MILWAUKEE, WI 53207

PROJECT: 22035  
DRAWN BY: XXXX  
CHECKED BY: XXXX  
DATE: XX/XX/XXXX  
REVISIONS:

PRELIMINARY:  
NOT FOR  
CONSTRUCTION

**A10**



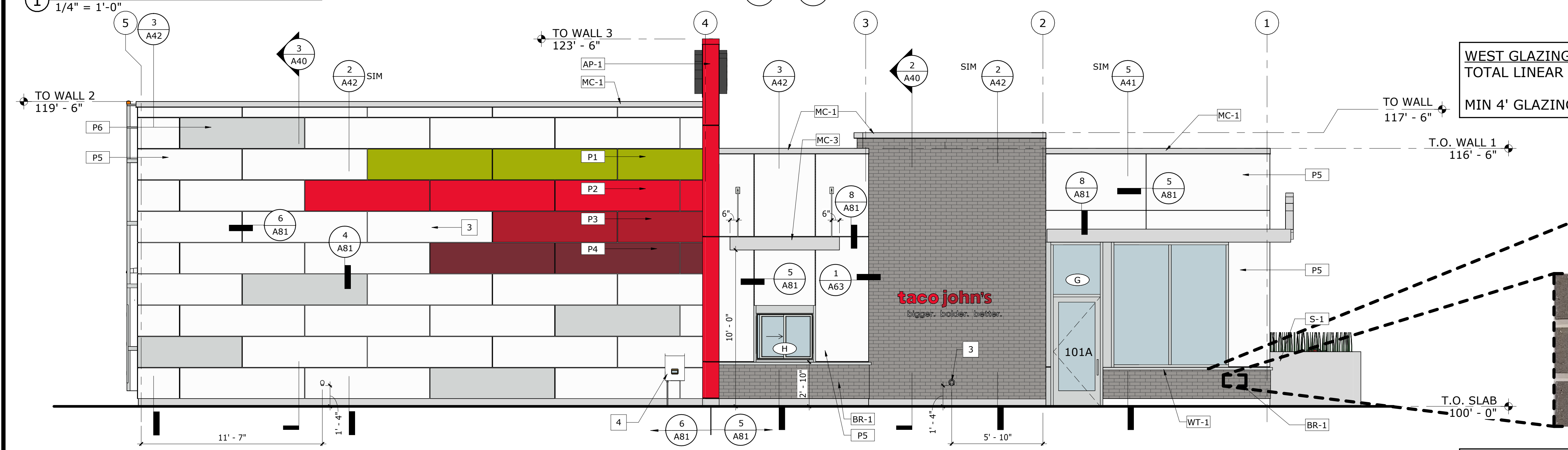


1 SOUTH ELEVATION  
1/4" = 1'-0"

- GENERAL ELEVATION NOTES:**
- REFER TO SHEET A81 FOR REFERENCED EXTERIOR FINISHES
  - CANOPY SUPPLIER TO VERIFY DIMENSIONS OF CANOPIES WITH FIELD CONDITIONS AND ENSURE SIZES FIT WITHIN THE PARAMETERS OF THE DESIGN INTENT SHOWN, SEE SHEET A11 FOR MORE INFORMATION
  - GC TO SUPPLY ELECTRICAL FOR UNDER-CANOPY LIGHTS PROVIDED BY CANOPY SUPPLIER
  - GC TO SUPPLY POWER AT SIGNAGE LOCATIONS; COORDINATE WITH SIGNAGE VENDOR
  - GC TO INSTALL ALL FIBER CEMENT PRODUCTS IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS INCLUDING BUT NOT LIMITED TO MOISTURE RESISTIVE BARRIER, FLASHING, ETC
  - SUPPORT ROD DESIGN STANDARD (UNO): THE CENTERLINE OF THE OUTSIDE SUPPORTS TO BE 6" FROM THE OUTSIDE EDGES, THEN EVENLY SPACED INTERMEDIATE SUPPORT RODS INSIDE IF NEEDED, TYPICAL ANGLE OF ALL SUPPORT RODS ARE 45° UNLESS NOTED OTHERWISE

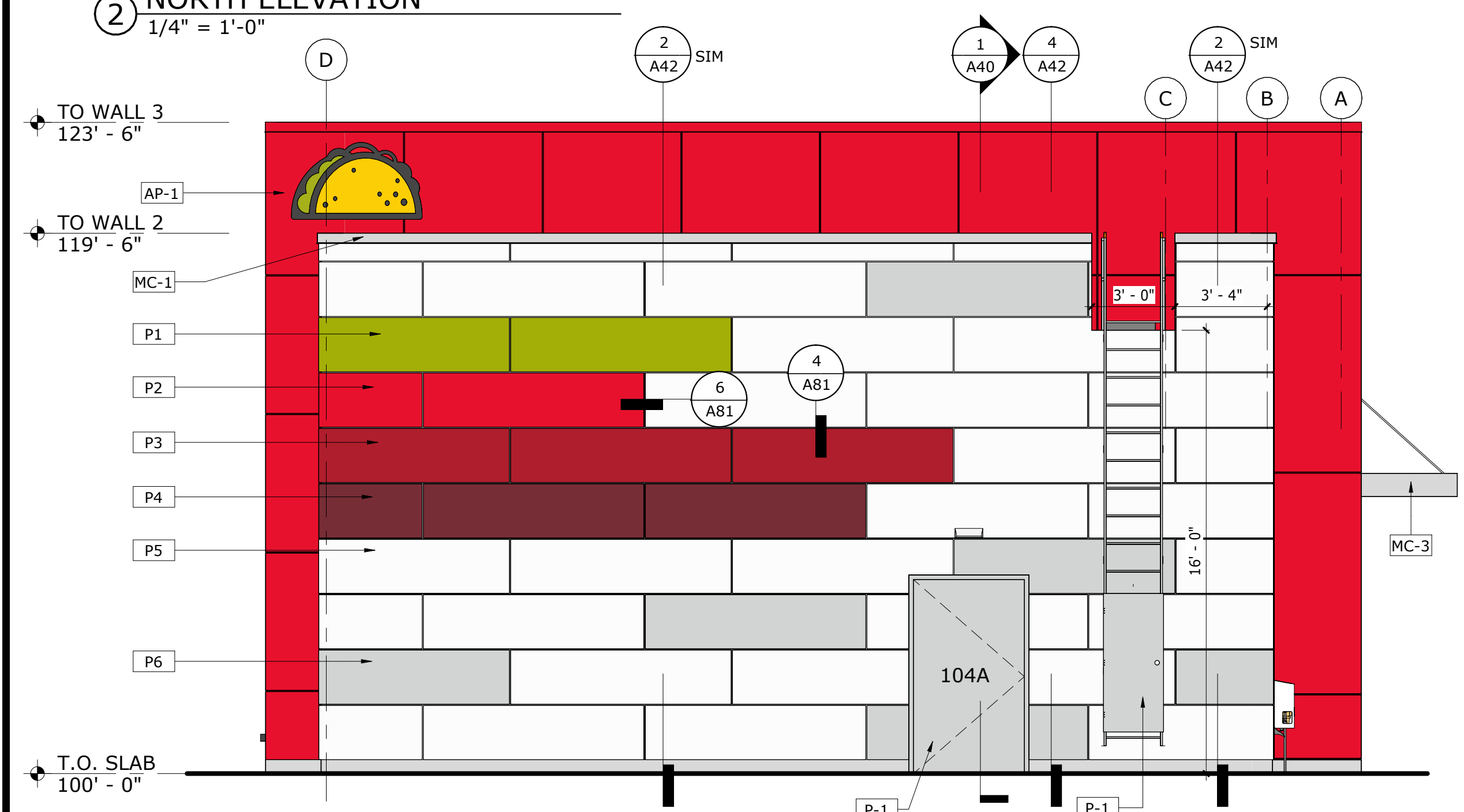
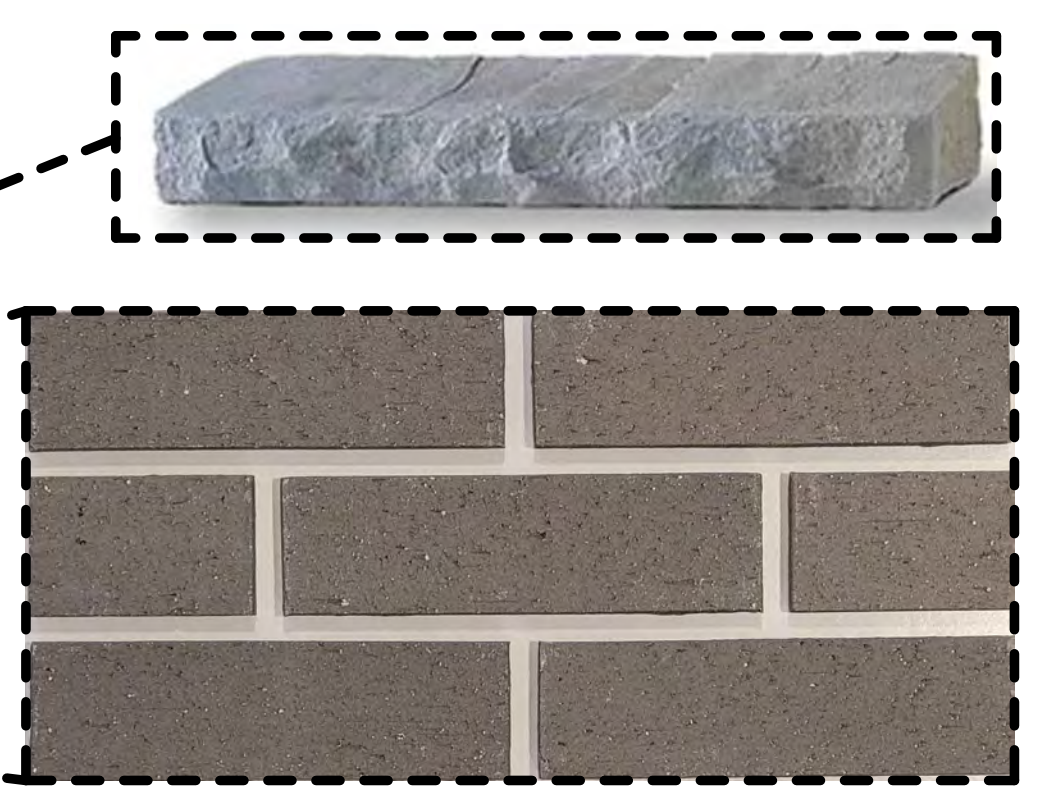
**KEYNOTES**

MARK	NOTE
1	SIGN; SUPPLIED AND INSTALLED BY SIGNAGE VENDOR
2	BRANDING BENCH; BY OWNER
3	COW'S TONGUE AND SPLASH BLOCK; REFER TO PLUMBING
4	APPROXIMATE LOCATION OF GAS METER, SEE CIVIL

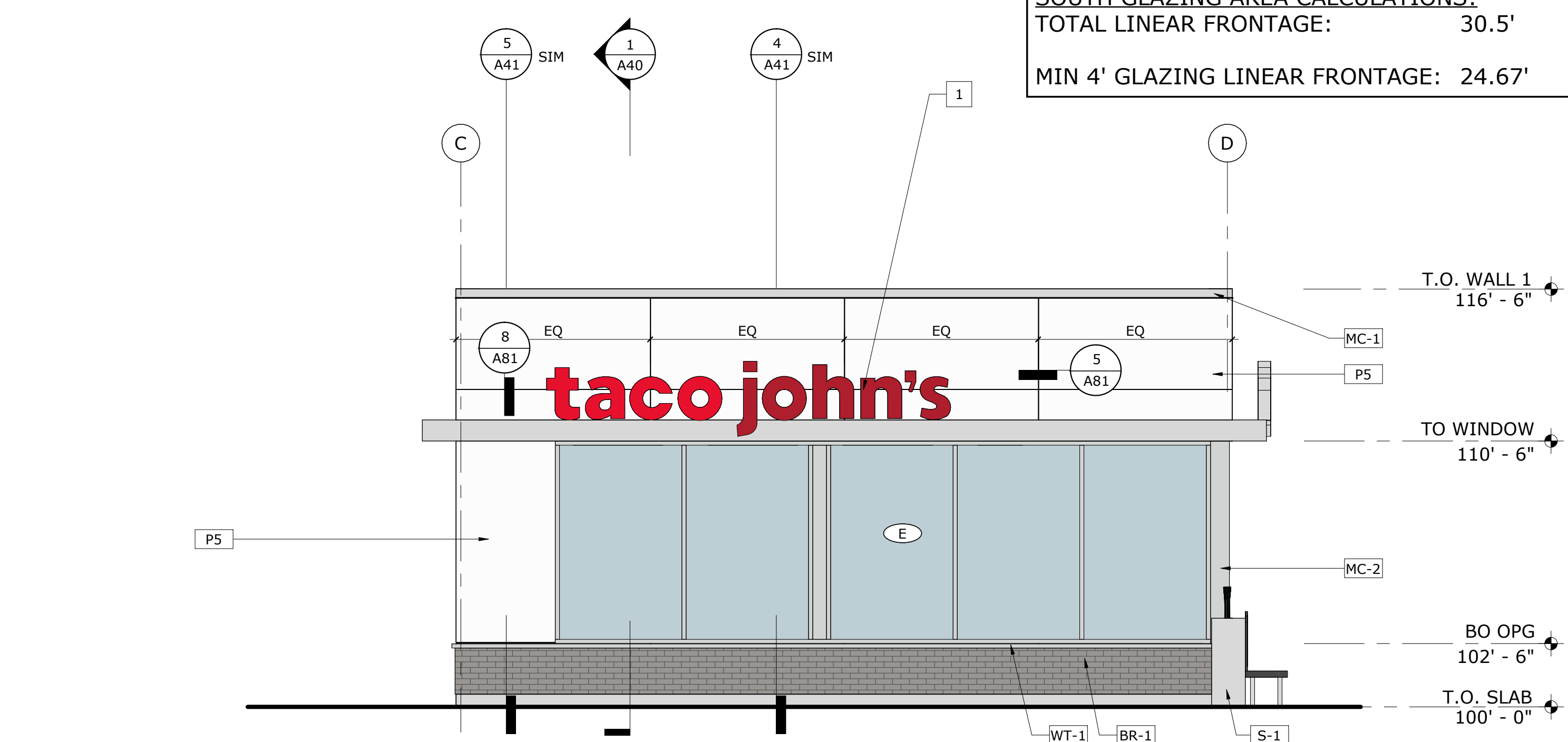


2 NORTH ELEVATION  
1/4" = 1'-0"

**WEST GLAZING AREA CALCULATIONS:**  
 TOTAL LINEAR FRONTAGE: 72.42'  
 MIN 4' GLAZING LINEAR FRONTAGE: 9.5' = 13.1%



3 EAST ELEVATION  
1/4" = 1'-0"



4 WEST ELEVATION  
1/4" = 1'-0"

**SOUTH GLAZING AREA CALCULATIONS:**  
 TOTAL LINEAR FRONTAGE: 30.5'  
 MIN 4' GLAZING LINEAR FRONTAGE: 24.67' = 80.9%

**EXTERIOR ELEVATIONS**

**TACO JOHN'S - NEW STORE**  
 300 W LAYTON AVE  
 MILWAUKEE, WI 53207

PROJECT: 22035  
 DRAWN BY: LAS  
 CHECKED BY: KDD  
 DATE: 5/6/2022  
 REVISIONS:

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

**A30**





① DRIVE-THRU CORNER VIEW



② DRIVE-THRU VIEW

**REFERENCE 3D VIEWS**

**TACO JOHN'S - NEW STORE**

300 W LAYTON AVE  
MILWAUKEE, WI 53207

PROJECT:	22035
DRAWN BY:	LAS
CHECKED BY:	KDD
DATE:	5/6/2022
REVISIONS:	

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

**A31**

NOTE: THESE DRAWINGS ARE FOR VISUAL REFERENCE AND TO HELP COMMUNICATE THE DESIGN INTENTION ONLY; REFER TO CONSTRUCTION DOCUMENT ELEVATIONS FOR ALL NOTES. DO NOT USE THESE DRAWINGS FOR ACTUAL CONSTRUCTION; CONTACT ARCHITECT IF YOU HAVE QUESTIONS





① ENTRY VIEW  
NOT TO SCALE



② ENTRY CORNER VIEW  
NOT TO SCALE

**REFERENCE 3D VIEWS**

**TACO JOHN'S - NEW STORE**

300 W LAYTON AVE  
MILLWAUKEE, WI 53207

PROJECT: 22035  
DRAWN BY: LAS  
CHECKED BY: KDD  
DATE: 5/6/2022  
REVISIONS:

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

**A32**

NOTE: THESE DRAWINGS ARE FOR VISUAL REFERENCE AND TO HELP COMMUNICATE THE DESIGN INTENTION ONLY; REFER TO CONSTRUCTION DOCUMENT ELEVATIONS FOR ALL NOTES. DO NOT USE THESE DRAWINGS FOR ACTUAL CONSTRUCTION; CONTACT ARCHITECT IF YOU HAVE QUESTIONS



**EXTERIOR FINISH SCHEDULE**

LEGEND CODE	DESCRIPTION	MANUFACTURER	COLOR	PMS COLOR MATCH NUMBER	COMMENTS
AP-1	ALUMINUM PANEL SYSTEM	ALPOLIC PE	TOR RED	-	
BR-1	THIN BRICK	ACME BRICK	RUSHMORE	-	THIN BRICK ATTACHED WITH TABS II THIN BRICK SUPPORT SYSTEM
MC-1	STANDARD TOP OF WALL COPING	TBD	CLEAR ANODIZED	-	
MC-2	CUSTOM TRIM	TBD	CLEAR ANODIZED	-	
MC-3	DRIVE-THRU CANOPY	TBD	CLEAR ANODIZED	-	
MC-4	METAL BAND	TBD	CLEAR ANODIZED	-	
P1	FIBER CEMENT SIDING	LP SMARTSIDE PANEL SIDING; 38 SERIES SMOOTH FINISH	SHERWIN WILLIAMS SW 6712 LUAU GREEN EVERCLEAN LATEX SATIN	MATCH PMS 383C (GREEN)	
P2	FIBER CEMENT SIDING	LP SMARTSIDE PANEL SIDING; 38 SERIES SMOOTH FINISH	SHERWIN WILLIAMS SW 6869 STOP RESILIENCE EXTERIOR SATIN	MATCH PMS 185C (ORANGE/RED)	
P3	FIBER CEMENT SIDING	LP SMARTSIDE PANEL SIDING; 38 SERIES SMOOTH FINISH	SHERWIN WILLIAMS SW 6866 HEARTHROB RESILIENCE EXTERIOR SATIN	MATCH PMS 187C (RED)	
P4	FIBER CEMENT SIDING	LP SMARTSIDE PANEL SIDING; 38 SERIES SMOOTH FINISH	SHERWIN WILLIAMS SW 7585 SUN DRIED TOMATO RESILIENCE EXTERIOR SATIN	MATCH GLIDDEN 09YR 05/305 CLASSIC BURGUNDY	
P5	FIBER CEMENT SIDING	LP SMARTSIDE PANEL SIDING; 38 SERIES SMOOTH FINISH	SHERWIN WILLIAMS SW 7009 PEARLY WHITE EVERCLEAN LATEX SATIN	MATCH PMS 427C (LT GRAY)	
P6	FIBER CEMENT SIDING	LP SMARTSIDE PANEL SIDING; 38 SERIES SMOOTH FINISH	SHERWIN WILLIAMS SW 7017 DORIAN GRAY EVERCLEAN LATEX SATIN	MATCH PMS 429C (MD GRAY)	
P-1	PAINT	TBD	MATCH P6	-	FACTORY OR FIELD FINISHED WITH EXTERIOR GRADE PAINT; MUST MATCH ADJACENT WALL
P-2	PAINT	TBD	MATCH P2	-	FACTORY OR FIELD FINISHED WITH EXTERIOR GRADE PAINT; MUST MATCH ADJACENT WALL
P-3	PAINT	TBD	MATCH 1-P2	-	FACTORY OR FIELD FINISHED WITH EXTERIOR GRADE PAINT; MUST MATCH ADJACENT WALL
S-1	CONCRETE SEALER	TBD	CLEAR	-	EXTERIOR GRADE CLEAR CONCRETE SEAL
WT-1	WATERTABLE	CULTURED STONE	GRAY	-	2.5" x 18" x 3"

**ROOM FINISH SCHEDULE**

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WSCT FINISH	WSCT HEIGHT	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	CEILING FINISH	CEILING HEIGHT	COMMENTS
100	VESTIBULE	PER DECOR	PER DECOR	-	-	PER DECOR	PER DECOR	PER DECOR	PER DECOR	PER DECOR	SEE RCP	
101	DINING	PER DECOR	PER DECOR	-	-	PER DECOR	PER DECOR	PER DECOR	PER DECOR	ACT1/ACT 3 PER DECOR	SEE RCP	REFER TO DECOR PACKAGE FOR ADDITIONAL CEILING FINISHES
102	MENS	PER DECOR	PER DECOR	-	-	PER DECOR	PER DECOR	PER DECOR	PER DECOR	PER DECOR	SEE RCP	
103	WOMENS	PER DECOR	PER DECOR	-	-	PER DECOR	PER DECOR	PER DECOR	PER DECOR	PER DECOR	SEE RCP	
104	KITCHEN	FLR1	FLR1	-	-	FRP	FRP	FRP	FRP	ACT2	SEE RCP	REFER TO FLOOR PLAN FOR STAINLESS STEEL NOTES
105	OFFICE	FLR1	FLR1	-	-	FRP	FRP	FRP	FRP	ACT2	SEE RCP	
106	WOMENS	PER DECOR	PER DECOR	-	-	PER DECOR	PER DECOR	PER DECOR	PER DECOR	PER DECOR	SEE RCP	
107	MENS	PER DECOR	PER DECOR	-	-	PER DECOR	PER DECOR	PER DECOR	PER DECOR	PER DECOR	SEE RCP	

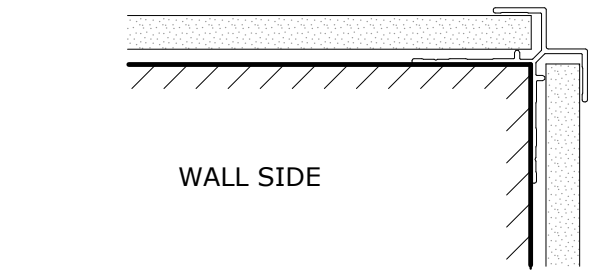
**INTERIOR FINISH SCHEDULE**

LEGEND CODE	ITEM	MANUFACTURER	MODEL	COMMENTS
ACT1	ACOUSTICAL CEILING TILE	USG INTERIORS INC	FROST - 414 SHADOWLINE EDGE (SLB)	2x2 CEILING TILE; COLOR: 103 PARCHMENT; GRID: DONN - DX/DXL 103 PARCHMENT
ACT2	ACOUSTICAL CEILING TILE	USG INTERIORS INC	MARS HEALTHCARE 75/35	2x4 CEILING TILE; 050 WHITE FINE TEXTURED; GRID: DONN - AX/AXCE 050 FLAT WHITE; LOCATION: KITCHEN AND ALL BACK OF HOUSE AREAS
ACT3	ACOUSTICAL CEILING TILE	USG INTERIORS INC	MARS HEALTHCARE 75/35	2x2 CEILING TILE; 050 WHITE FINE TEXTURED; GRID: DONN - AX/AXCE 050 FLAT WHITE; LOCATION: CUSTOMER PICK-UP AND SERVING AREAS
FLR1	RESIN FLOORING	SILIKAL	61 CQ; COLOR CQ#4	TROWELED COVE; SEE DETAIL ON 9/A81
FRP	FIBERGLASS REINFORCED PANEL	KEMLITE	#85 WHITE; SMOOTH SIDE	4' x 8'; 9'; 10'; 12'

**NATIONAL ACCOUNTS:**

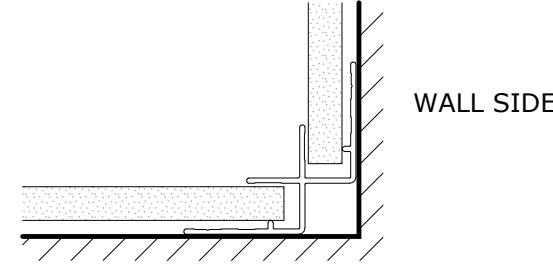
FURNITURE / MILLWORK	LIGHTING
MSW INC (BY OWNER) 7159 COUNTRY ROAD 200 JOPLIN, MO 64801 PHONE: 417-673-1901 EXT 40 CONTACT: ADAM MURRAY adam@mswinc.com	VILLA LIGHTING (BY GC) PHONE: 314-633-0536 CONTACT: RONDA SCHRAGE ronda.schrage@villalighting.com
FCC COMMERCIAL FURNITURE (BY OWNER) 8452 OLD HIGHWAY 99 NORTH ROSEBURG, OR 97470 PHONE: 587-581-1056 CONTACT: CURTIS TIANO curtis.tiano@gmail.com	POINT OF SALES (POS)  QUICKSERVE SOLUTIONS (BY OWNER) 3730 SOUTH 149TH STREET, SUITE 107 OMAHA, NE 68144 PHONE: 402-315-0339 CONTACT: ROB RIGGS robb@quicksolve.com
KITCHEN HOOD DESIGN	DRIVE-THRU HEADSETS
CAPTIVE AIRE (BY OWNER) 6547 S RACINE CIRCLE, SUITE 1500 CENTENNIAL, CO 80111 PHONE: 720-570-0981 CONTACT: MOLLY RICE molly.rice@captveaire.com	MOOD MEDIA (BY OWNER) PHONE: 615-554-8151 CONTACT: SHANNON HIGHT shannon.hight@moodmedia.com
KITCHEN EQUIPMENT	DESIGN TEAM SIGN COMPANY (BY OWNER) 350 PINHOOK ROAD SAVANNAH, TN 38372 PHONE: 731-438-7331 CONTACT: SHANNON PHILLIPS sphilips@designteam.net
HOCKENBERG EQUIPMENT & SUPPLY (BY OWNER) 7002 F STREET OMAHA, NE 68117 PHONE: 402-609-5149 CONTACT: BARB PETERS barb.peters@trimarkusa.com	PERSONA INC (BY OWNER) 700 21ST STREET SOUTHWEST WATERTOWN, SD 57201 PHONE: 800-843-9888 CONTACT: RYAN WALSH rwalsh@personasigns.com
MENU BOARDS	ROOF TOP UNITS
INTERIOR & EXTERIOR (DIGITAL) QUICKSERVE SOLUTIONS (BY OWNER) 3730 SOUTH 149TH STREET, SUITE 107 OMAHA, NE 68144 PHONE: 402-315-0339 CONTACT: ROB RIGGS robb@quicksolve.com	TRANE (BY OWNER) NATIONAL ACCOUNT EXECUTIVE: JUSTIN BARNES, LEED AP, CEM TRANE - INGERSOLL RAND DIRECT: 303-228-2896 MOBILE: 303-588-2869 FAX: 303-228-2828
SODA	ACOUTICAL CEILING
PEPSI-COLA COMPANY (BY OWNER) 1100 REYNOLDS BLVD WINSTON-SALEM, MN 27015 PHONE: 336-896-5426 CONTACT: TERESA VILLALON teresa.villalon@pepsico.com	USG (BY GC) PHONE: 440-541-3972 CONTACT: TRAVIS TOMANEK ttomanek@usg.com
FLOOR AND WALL TILE	RED ACM PANELS
EMSER TILE (BY GC) NATIONAL ACCOUNT MANAGER - FOOD, BEVERAGE AND SPECIALTY STORES 2315 RUSTLAND DR, SUITE 101 AUSTIN, TX 78758 PHONE: 713-462-2411 x2103 CONTACT: CHRISTINA DUNBAR ChristinaDunbar@emser.com OR tacojohns@emser.com	DESIGN TEAM (BY OWNER) 350 PINHOOK ROAD SAVANNAH, TN 38372 PHONE: 731-438-7331 CONTACT: SHANNON PHILLIPS sphilips@designteam.net
KITCHEN FLOOR	WALL MURALS
SILIKAL (BY GC) PHONE: 775-772-2797 CONTACT: MARK FELDMAN mfeldman@silikalamerica.com	EQUIPMENT REBATE ASSISTANCE
ROOFING	MADISON ENERGY GROUP (BY OWNER) 5 WEST HARGETT ST RALEIGH, NC 27601 PHONE: 919-443-2404 CONTACT: MELODY RANNEY melody.ranney@themadisonenergygroup.com
DUROLAST (BY GC) 525 W MORLEY DRIVE SAGINAW, MI 48601 PHONE: 708-635-9928 CONTACT: MARK SUMAN mrsuman@duro-last.com	WINDOW BLINDS
INSOLROLL (BY OWNER) PHONE: 303-665-1207 X. 100 CONTACT: TABATHA CRAWFORD tcrawfor@insolroll.com	

1 TRIM DETAIL  
6" = 1'-0"



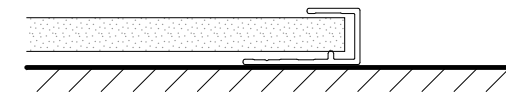
EASYTRIM REVEALS: EZ 14 - X OUTSIDE CORNER (BACK OF BUILDING)  
FINISH: CLEAR ANODIZED

2 TRIM DETAIL  
6" = 1'-0"



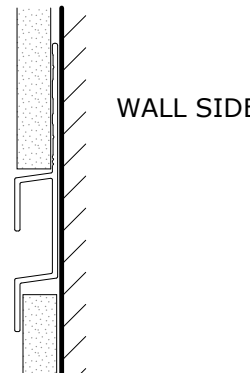
EASYTRIM REVEALS: EZ 03 - INSIDE CORNER (FRONT OF BUILDING)  
FINISH: PAINTED TO MATCH ADJACENT SURFACES

3 TRIM DETAIL  
6" = 1'-0"



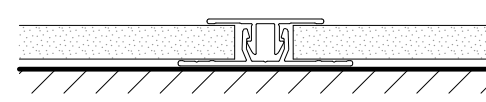
EASYTRIM REVEALS: EZ 08 - GENERAL J  
FINISH: (FRONT OF BLDG) PAINTED TO MATCH ADJ SURFACES;  
(BACK OF BLDG) CLEAR ANODIZED

4 TRIM DETAIL  
6" = 1'-0"



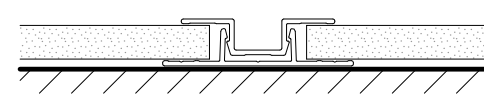
EASYTRIM REVEALS: EZ 05 - HORIZONTAL REVEAL H (BACK OF BUILDING)  
FINISH: CLEAR ANODIZED

5 TRIM DETAIL  
6" = 1'-0"



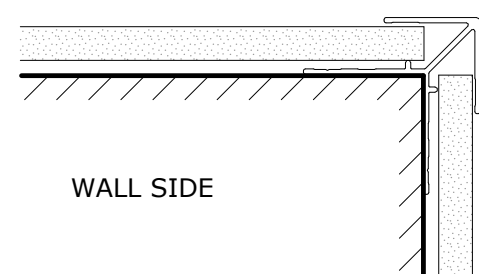
EASYTRIM REVEALS: EZ 23 - 2-PIECE VERTICAL SLT (FRONT OF BUILDING)  
FINISH: PAINTED TO MATCH ADJ SURFACES

6 TRIM DETAIL  
6" = 1'-0"



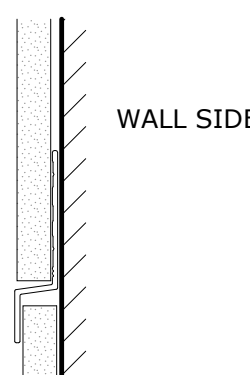
EASYTRIM REVEALS: EZ 07 - 2-PIECE VERTICAL U (BACK OF BUILDING)  
FINISH: CLEAR ANODIZED

7 TRIM DETAIL  
6" = 1'-0"



EASYTRIM REVEALS: EZ 13 - ARROW OUTSIDE CORNER (FRONT OF BUILDING)  
FINISH: PAINTED TO MATCH ADJACENT SURFACES

8 TRIM DETAIL  
6" = 1'-0"

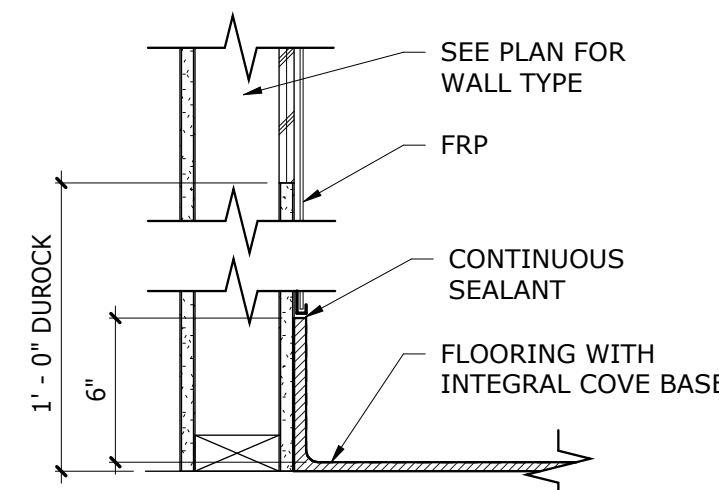


EASYTRIM REVEALS: EZ 04 - HORIZONTAL Z (FRONT OF BUILDING)  
FINISH: PAINTED TO MATCH ADJACENT SURFACES

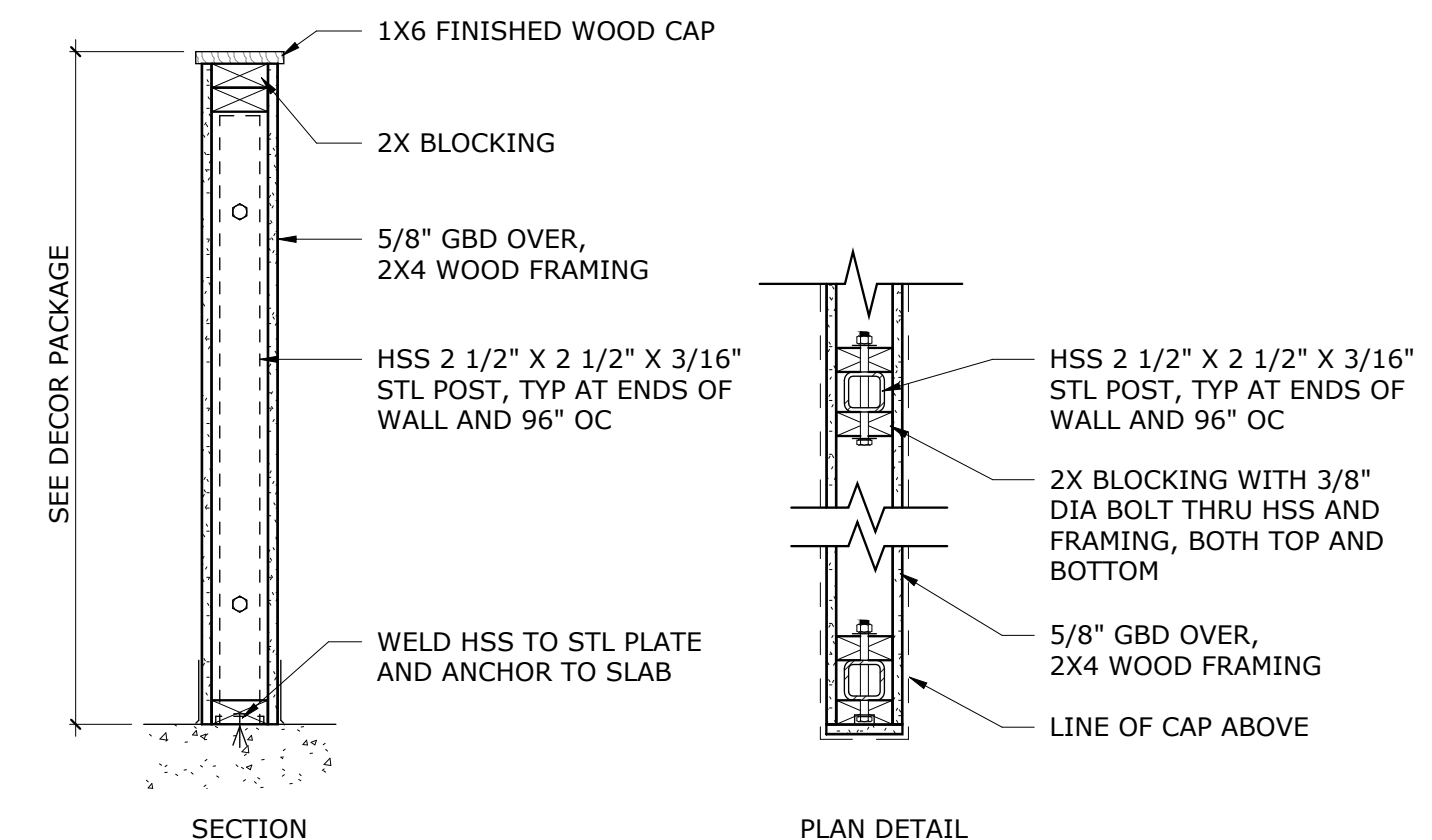
**LP AND TRIM GENERAL NOTES:**

- ALL FIELD CUT EDGES MUST BE PRIMED WITH MANUF APPROVED EDGE SEALER
- ALL TRIM AND REVEALS ON KITCHEN SIDE OF RED BLADE WALL TO BE EXPOSED CLEAR ANODIZED FINISH
- ALL TRIM ON DINING ROOM SIDE OF RED BLADE TO BE PAINTED TO MATCH ADJACENT SURFACES
- ALL COPING TO BE PREFINISHED TO MATCH CLEAR ANODIZED ALUM

9 KITCHEN WALL BASE  
1 1/2" = 1'-0"



10 QUE WALL DETAILS  
1" = 1'-0"



**FINISH SCHEDULES, MANUFACTURERS AND SUPPLIERS**

TACO JOHN'S - NEW STORE

300 W LAYTON AVE  
MILWAUKEE, WI 53207

PROJECT: 22035  
DRAWN BY: LAS  
CHECKED BY: KDD  
DATE: 5/6/2022  
REVISIONS:

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

**A81**

**taco john's**  
SINCE 1969

**KOMA**  
ARCHITECTS | DESIGNERS | ENGINEERS  
2051 KILLBREW DRIVE, SUITE 680, BLOOMINGTON, MN 55425  
P. 651.451.4605  
KOMAINC.COM

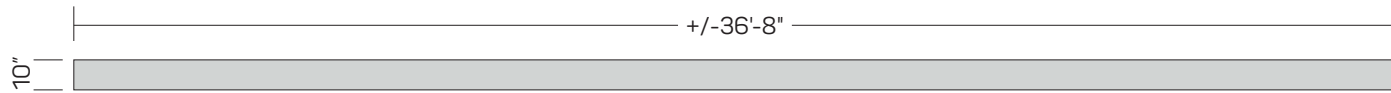
THE DESIGNS AND PLANS INDICATED ON THIS DRAWING ARE THE PROPERTY OF KRECH, O'BRIEN, MUELLER & ASSOCIATES, INC. ALL RIGHTS ARE RESERVED. NO DESIGNS OR PLANS SHALL BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF KRECH, O'BRIEN, MUELLER & ASSOCIATES, INC.



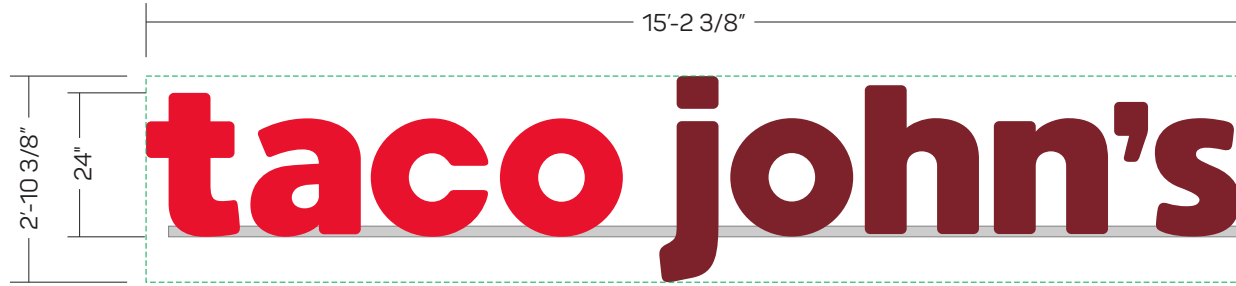
EAST ELEVATION

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

CHANNEL LETTERS SHOWN ON EXISTING WALL COLOR OR AS NOTED ON ELEVATIONS.  
CUSTOMER TO VERIFY WALL COLOR PRIOR TO PRODUCTION



TRELLIS DETAIL  
SCALE: 3/16" = 1'-0"




BOXED SQ FT: 43.54

CHANNEL LETTER DETAIL  
SCALE: 3/8" = 1'-0"

2

APPROVAL BOX - PLEASE INITIAL		
CUSTOMER APPROVAL		Date

Customer: <b>TACO JOHN'S</b>	Date: <b>04/22/22</b>	Prepared By: <b>TJ/CTM</b>	<p>Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.</p>	 <p><b>persona</b> SIGNS   LIGHTING   IMAGE</p>	<p>Persona Signs, LLC 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com</p>
Location: <b>MILWAUKEE, WI</b>	File Name: <b>362246 - R2 - MILWAUKEE, WI</b>	Eng: -			



WEST ELEVATION

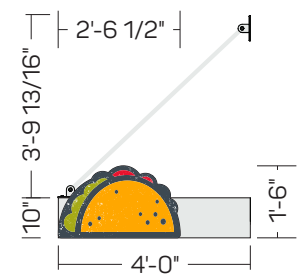
SCALE: 1/8" = 1'-0"

CHANNEL LETTERS SHOWN ON EXISTING WALL COLOR OR AS NOTED ON ELEVATIONS.  
CUSTOMER TO VERIFY WALL COLOR PRIOR TO PRODUCTION



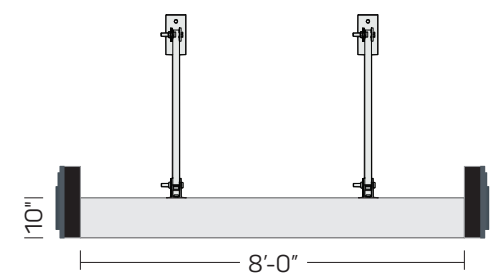
PIN MOUNT DETAIL  
SCALE: 1/2" = 1'-0"

3



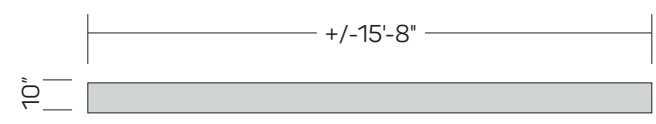
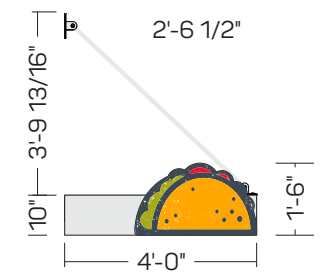
TRELLIS DETAIL  
SCALE: 3/16" = 1'-0"

4



DRIVE-THRU TRELLIS DETAIL  
SCALE: 1/4" = 1'-0"

5



APPROVAL BOX - PLEASE INITIAL		
CUSTOMER APPROVAL		Date

Customer:	TACO JOHN'S
Location:	MILWAUKEE, WI

Date:	4/9/22
File Name:	362246 - MILWAUKEE, WI

Prepared By:	TJ
--------------	----

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.

Eng:	-
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**persona**  
SIGNS | LIGHTING | IMAGE

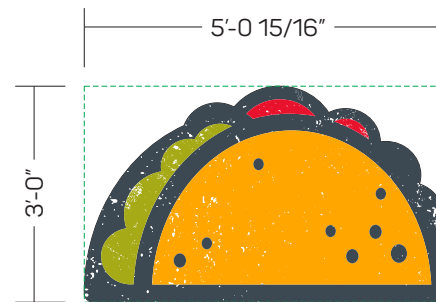
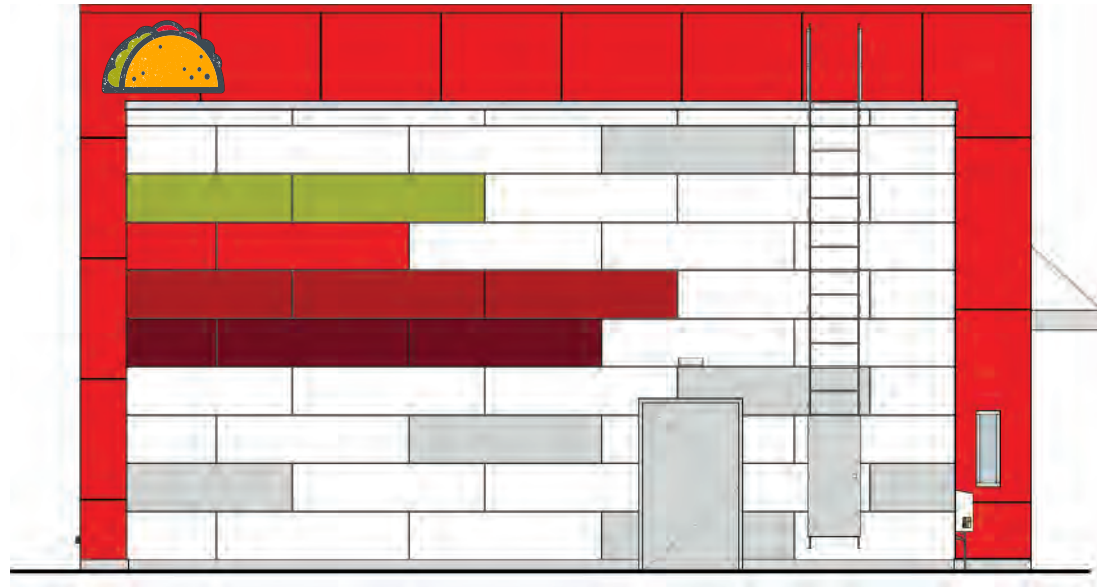
Persona Signs, LLC  
700 21st Street Southwest  
PO Box 210  
Watertown, SD 57201-0210  
1.800.843.9888 • www.personasigns.com



NORTH ELEVATION

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

CHANNEL LETTERS SHOWN ON EXISTING WALL COLOR OR AS NOTED ON ELEVATIONS.  
CUSTOMER TO VERIFY WALL COLOR PRIOR TO PRODUCTION



BOXED AREA: 15.23 SQ FT

GRAPHIC DETAIL

SCALE: 3/8" = 1'-0"

6

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL		Date
-------------------	--	------

Customer:  
**TACO JOHN'S**

Date:  
**4/9/22**

Prepared By:  
**TJ**

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.

Location:  
**MILWAUKEE, WI**

File Name:  
**362246 - MILWAUKEE, WI**

Eng:  
-

**persona**  
SIGNS | LIGHTING | IMAGE

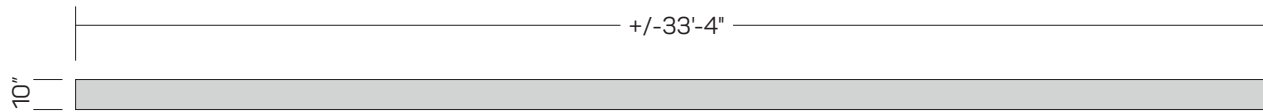
Persona Signs, LLC  
700 21st Street Southwest  
PO Box 210  
Watertown, SD 57201-0210  
1.800.843.9888 • www.personasigns.com



SOUTH ELEVATION

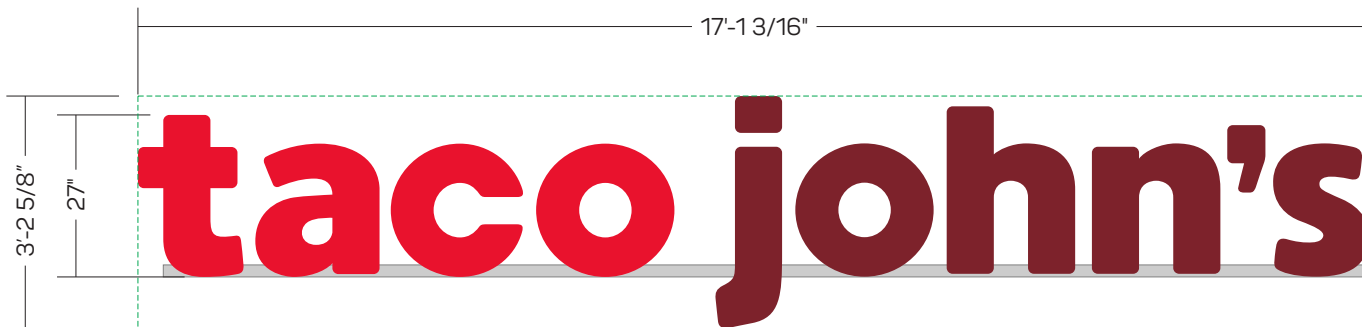
SCALE: 1/8" = 1'-0"

CHANNEL LETTERS SHOWN ON EXISTING WALL COLOR OR AS NOTED ON ELEVATIONS.  
CUSTOMER TO VERIFY WALL COLOR PRIOR TO PRODUCTION



TRELLIS DETAIL  
SCALE: 3/16" = 1'-0"

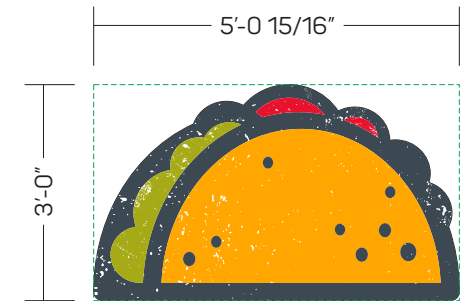
7



CHANNEL LETTER DETAIL  
SCALE: 3/8" = 1'-0"

8

BOXED SQ FT: 55.09



BOXED AREA: 15.23 SQ FT

GRAPHIC DETAIL  
SCALE: 3/8" = 1'-0"

9

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL	Date
-------------------	------

Customer:

TACO JOHN'S

Date:

04/22/22

Prepared By:

TJ/CTM

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.

Location:

MILWAUKEE, WI

File Name:

362246 - R2 - MILWAUKEE, WI

Eng:

-

**persona**  
SIGNS | LIGHTING | IMAGE

Persona Signs, LLC  
700 21st Street Southwest  
PO Box 210  
Watertown, SD 57201-0210  
1.800.843.9888 • www.personasigns.com






TENANT PANEL DETAIL  
SCALE: 3/8" = 1'-0"

10

APPROVAL BOX - PLEASE INITIAL

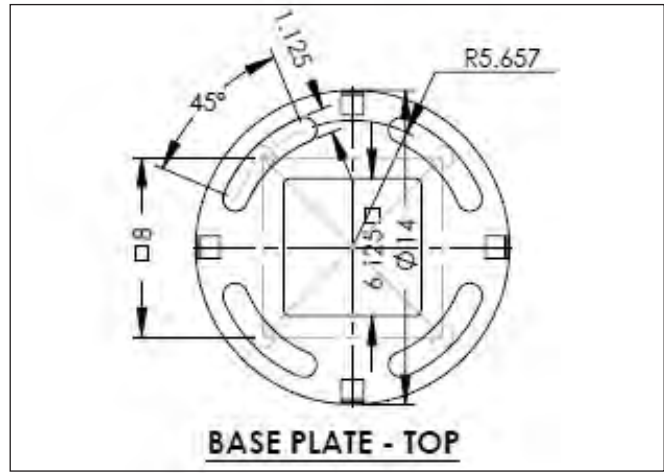
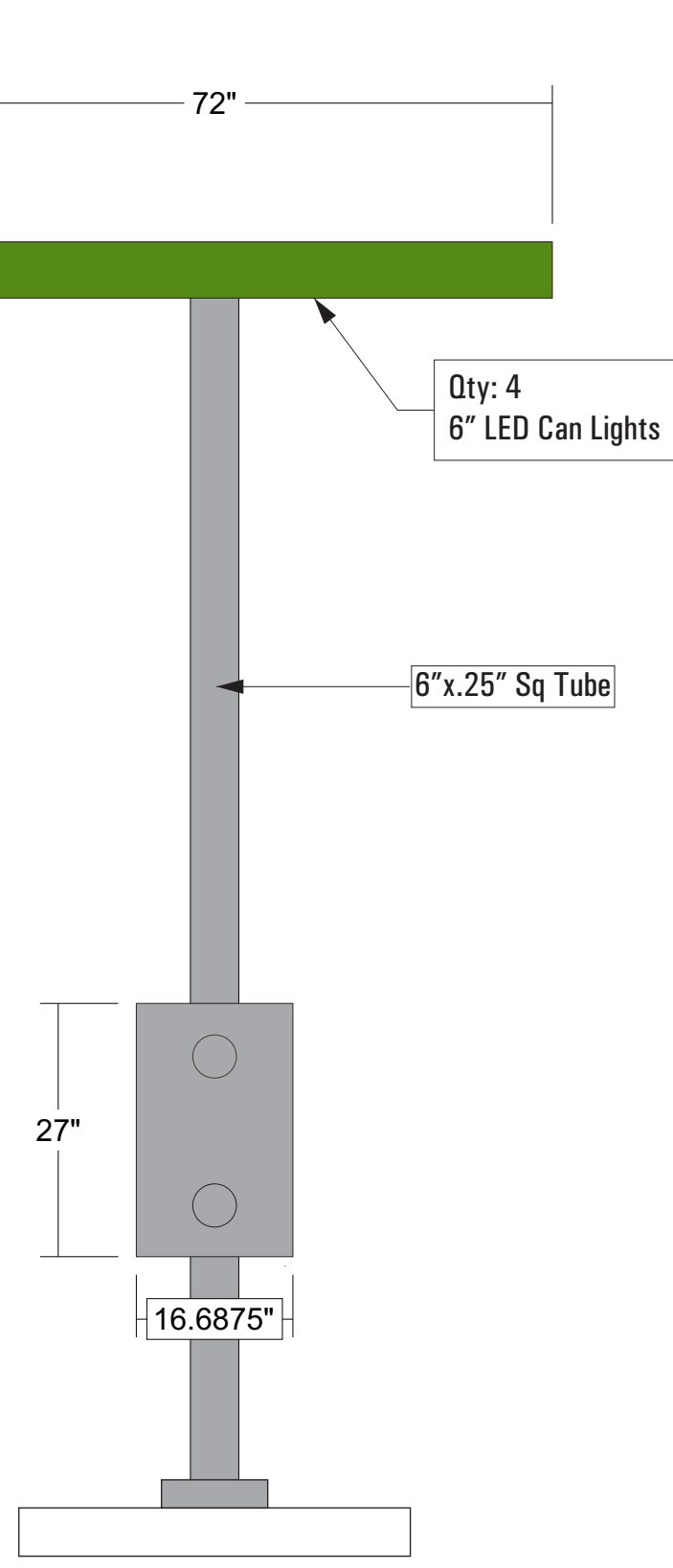
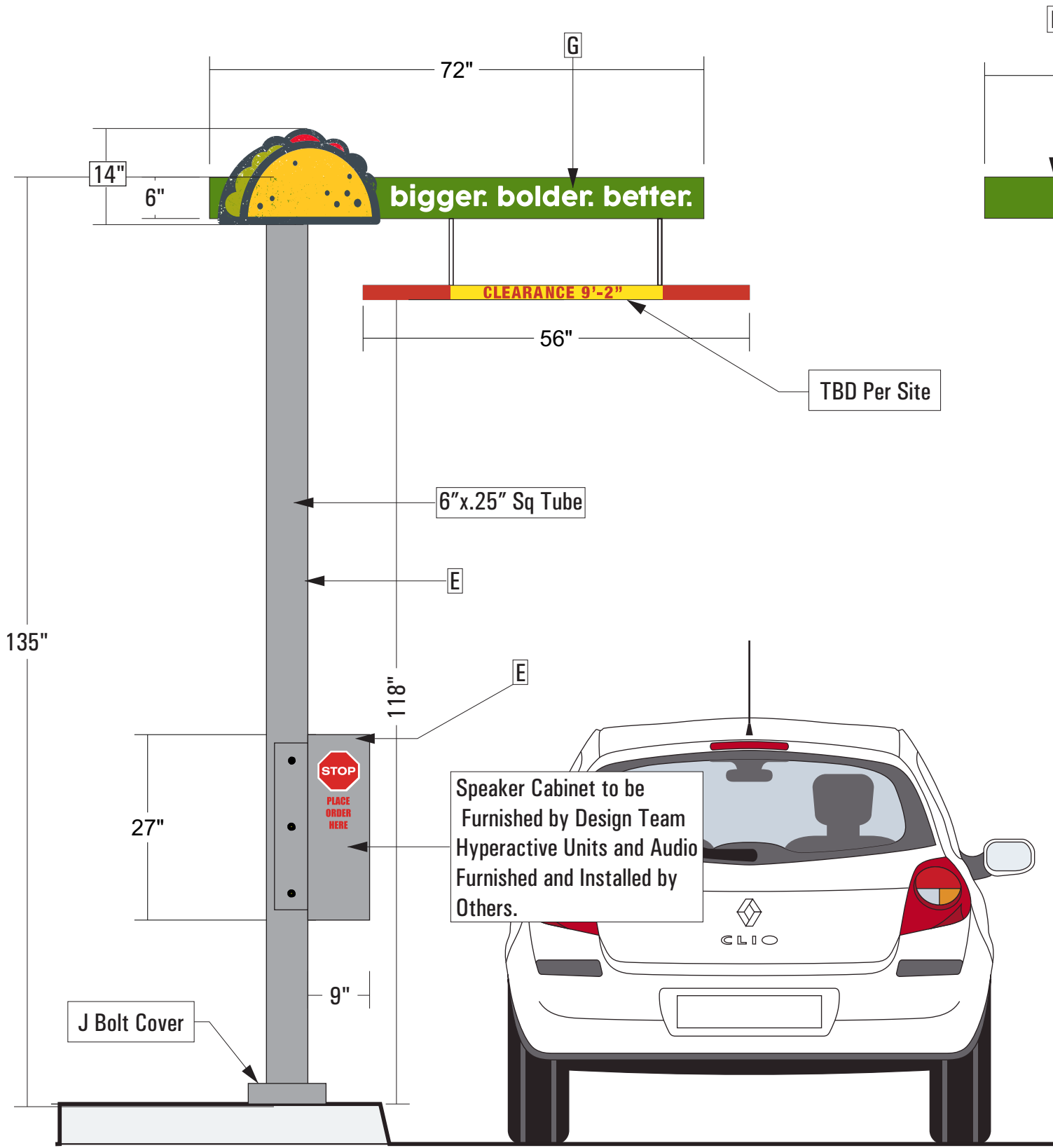
CUSTOMER APPROVAL		Date
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Customer: <b>TACO JOHN'S</b>	Date: <b>4/11/22</b>	Prepared By: <b>CM</b>	<small>Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.</small>	 <b>persona</b> SIGNS   LIGHTING   IMAGE	<b>Persona Signs, LLC</b> 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com
Location: <b>MILWAUKEE, WI</b>	File Name: <b>362246 - R1 - MILWAUKEE, WI</b>				



# Breakaway Canopy System

TJ-V3-DTC135x72



### Materials

1	Routed .125 Alum. Taco
2	Routed Alum. With 1st Surface Vinyl
3	PVC Bang Bar Suspended with Chains
4	2"x5"x.25 Structural Arm
5	Alum Tube With .090 Alum Skins
6	Illuminated With White LED

### Colors & Finishes

A	Digitally Printed to Match 185C(731-028)
B	Digitally Printed to Match 432C
C	Digitally Printed to Match 130C(731-020)
D	Digitally Printed to Match 383C
E	Painted Brushed Aluminum
F	Painted PMS 370
G	Opaque White Vinyl(731-101)

Rev # 1 -	
Rev # 2 -	
Rev # 3 -	
Rev # 4 -	
Rev # 5 -	
Rev # 6 -	

### Notes

**Taco Logo Digitally Printed**



Designer: DS	Date: 04/05/22	Option # 1 - DS
Client: Taco John's - Milwaukee, WI		
File Path: Z:\Restaurant\Taco Johns\WI\MILWAUKEE\Layton Ave\Exterior Sign Package Aril 2022\Concepts Proofs		

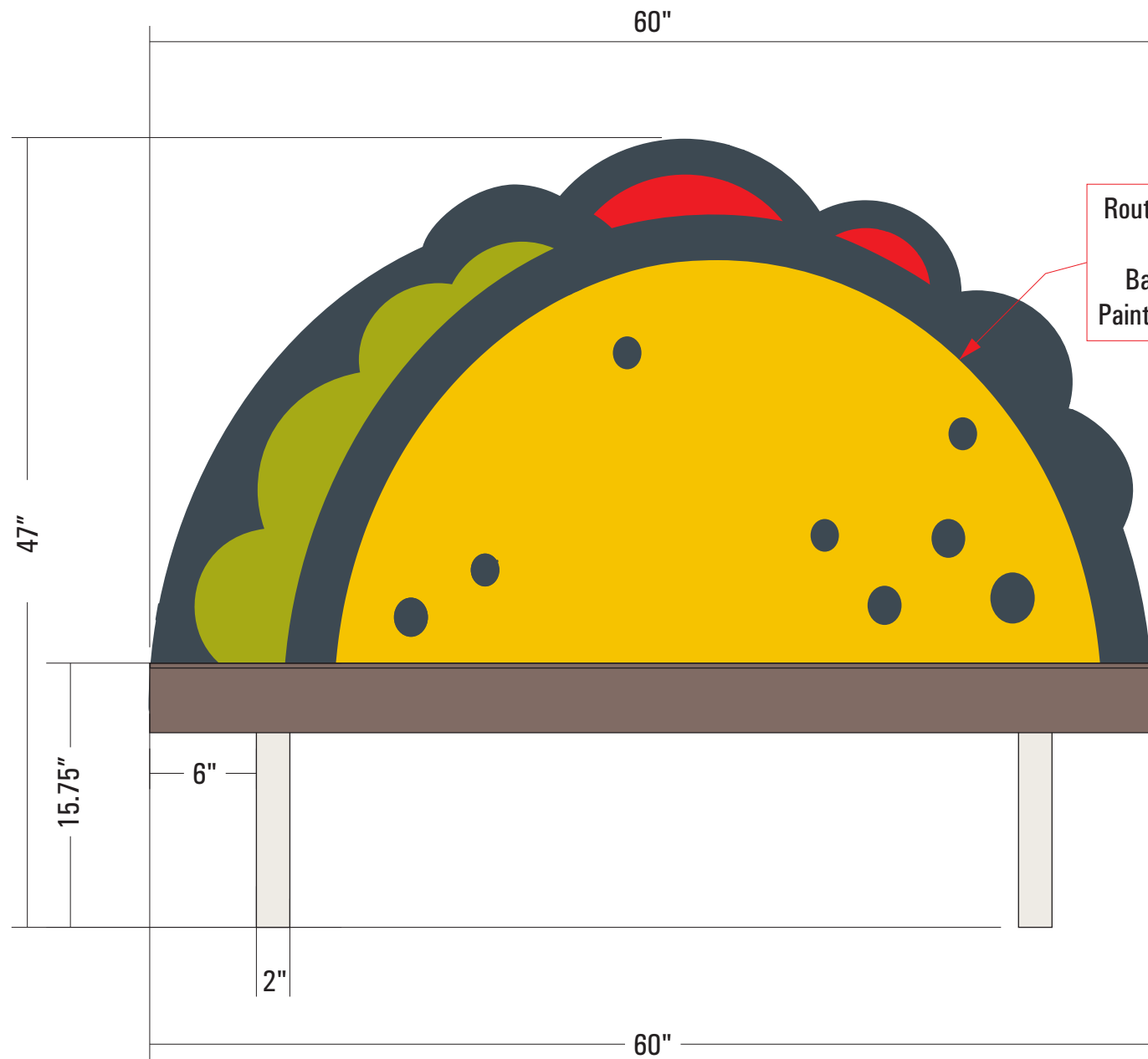
- Proof Is Approved. Proceed With Production Of Order
- Proof Is Approved With Corrections. Make Corrections As Indicated And Proceed With Production Of Order

Signature: \_\_\_\_\_  
 I have reviewed this proof in regard to: Sign type, order quantity, and accuracy of icons, symbols, and text (e.g. spelling capitalization, punctuation).  
 Print Name: \_\_\_\_\_  
 Date: \_\_\_\_\_

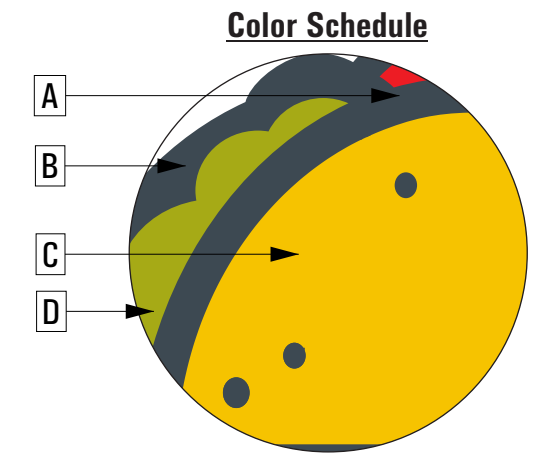
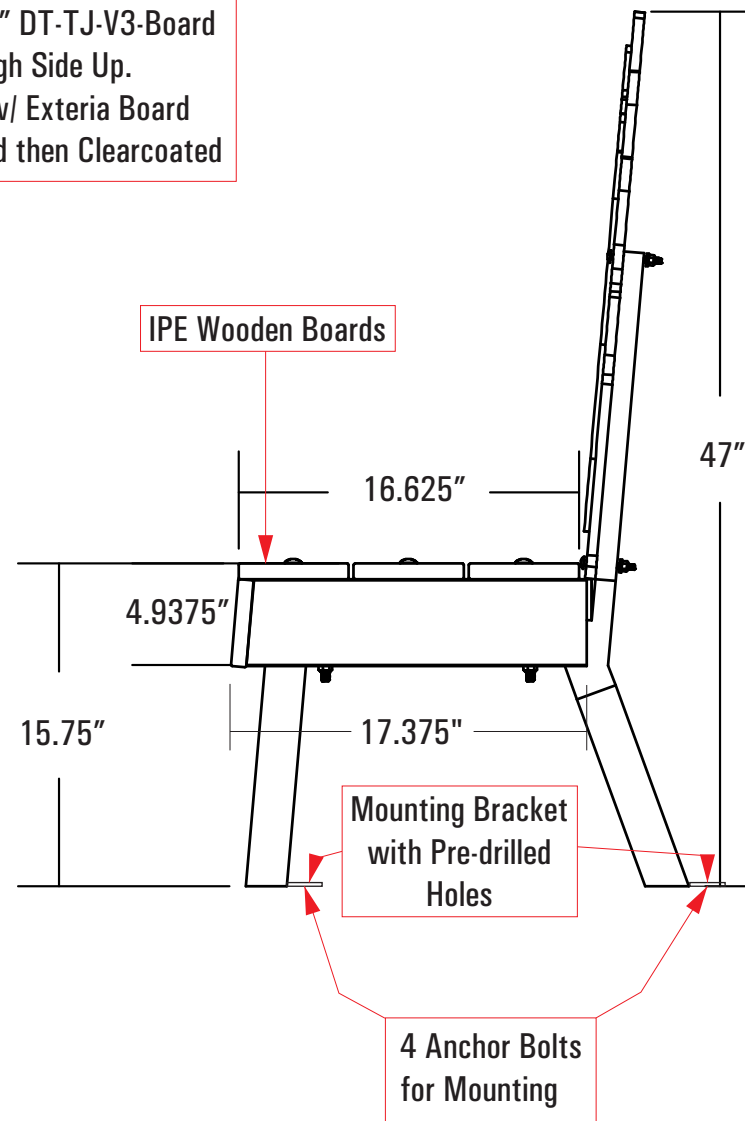


These plans are the exclusive property of Design Team Sign Company and are the result of the original work of its employees. They are submitted to your company for the sole purpose of your consideration of whether to purchase these plans or to purchase from Design Team Sign Company a product manufactured according to these plans. Distribution or exhibition of the plans to anyone other than employees of your company, or use of these plans to construct a product similar to one embodied herein, is expressly forbidden. In the event that exhibition or construction occurs, Design Team Sign Company expects to be reimbursed \$500 in compensation for time and effort entailed in creating these plans.





Routed 3/4" DT-TJ-V3-Board  
Rough Side Up.  
Backed w/ Exteria Board  
Painted, and then Clearcoated



Colors & Finishes	
A	Painted to Match 185C
B	Black DT-TJ-V3-Board
C	Painted to Match 130C
D	Painted to Match 383C
E	Legs Brushed Aluminum

**Notes**

**No Assembly Required,  
Bench Already Assembled.**



Designer: DS	Date: 04/05/22	Option # 1 - DS
Client: Taco John's - Milwaukee, WI		
File Path: Z:\Restaurant\Taco Johns\WI\MILWAUKEE\Layton Ave\Exterior Sign Package Aril 2022\Concepts Proofs		

- Proof Is Approved. Proceed With Production Of Order
- Proof Is Approved With Corrections. Make Corrections As Indicated And Proceed With Production Of Order

Signature: \_\_\_\_\_  
I have reviewed this proof in regard to: Sign type, order quantity, and accuracy of icons, symbols, and text (e.g. spelling capitalization, punctuation).  
 Print Name: \_\_\_\_\_  
 Date: \_\_\_\_\_

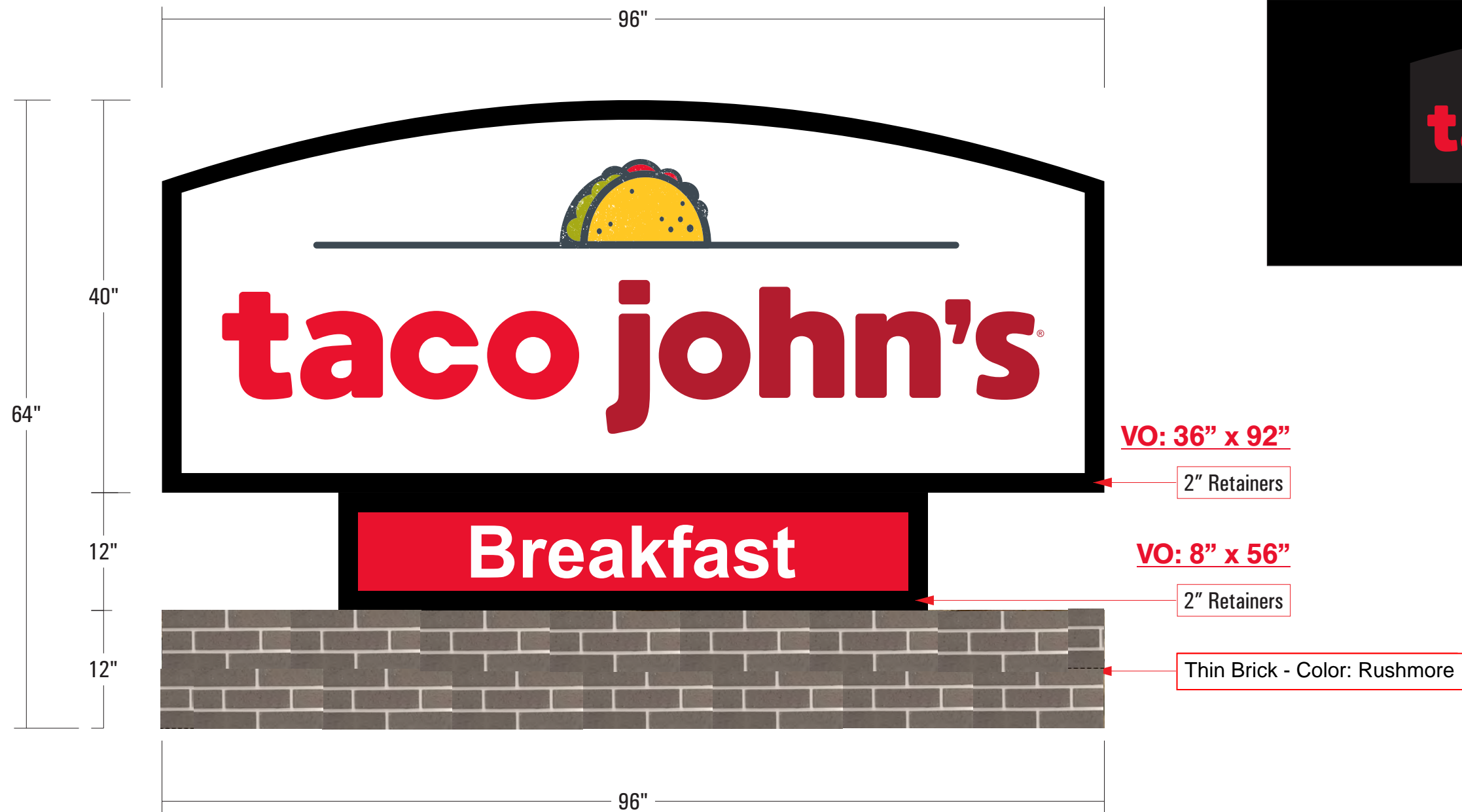


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A	40" x 96" LED Illuminated, Double Face Cabinet
B	12" x 60" LED Illuminated, Double Face Cabinet
C	12" x 96" Mojave Faux Stone Base

Rev 1	MBJ 09-24-21 Revised Layout of Monument to Mimic Pylon
Rev 2	JH 09-27-21 Added night view
Rev 3	DS 11-16-21 Revised Materials/Notes
Rev 4	CM 2/9/22 Revised Colors and Materials
Rev 5	
Rev 6	



Night View

Colors & Finishes	
A	Digital Print to match PMS 185C - 2nd Surf.
B	Digital Print to match PMS 188C - 2nd Surf.
C	Digital Print to Match 432C - 2nd Surf.
D	Digital Print to Match 130C - 2nd Surf.
E	Digital Print to Match 383C - 2nd Surf.
F	Clear Acrylic Flat Faces/ Backs Sprayed White
G	Returns and Retainers Ptd Gloss Black

**Specifications**

Monument Cabinets To Be LED Illuminated, Double Faced Clear Acrylic Flat Faces w/ 2nd Surface Graphics. Base Thin Brick - Color: Rushmore Base. Monument Depth 24".

Background are to be opaque and only the logo and verbiage will be lit on the night view.



Designer: DS	Date: 04/05/22	Option # 1 - DS
Client: Taco John's - Milwaukee, WI		
File Path: Z:\Restaurant\Taco Johns\WI\MILWAUKEE\Layton Ave\Exterior Sign Package Aril 2022\Concepts Proofs		

- Proof Is Approved. Proceed With Production Of Order
- Proof Is Approved With Corrections. Make Corrections As Indicated And Proceed With Production Of Order

Signature: \_\_\_\_\_  
I have reviewed this proof in regard to: Sign type, order quantity, and accuracy of icons, symbols, and text (e.g. spelling capitalization, punctuation).  
 Print Name: \_\_\_\_\_  
 Date: \_\_\_\_\_



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Here are a couple of photos of one that was just completed a few months ago with the materials applied to the building.





## SURFACE TREATMENT

ALPOLIC® Solid Finish panels are available in a wide variety of colors and glosses and feature FEVE LUMIFLON™ finishes. PVDF Kynar finishes are available in custom orders. Both finishes are fluorocarbon paint systems that offer excellent durability and weatherability.

Standard stock sizes and thickness vary by product program. Please contact Customer Service for stock sizes. May be produced with either our traditional PE core or our with our fire-resistant core.

Please contact Customer Service for current available stock and additional information.

## FINISH TOLERANCE

Color: DE 2.5 max from standard  
Gloss: Nominal +/-10 units

## PRODUCT TOLERANCE

Width: ± 0.08" (2mm)  
Length: ± 0.012" per ft (1 mm/meter)  
Thickness: 3mm ± 0.008" (0.2mm)  
4mm ± 0.008" (0.2mm)  
6mm ± 0.012" (0.3mm)

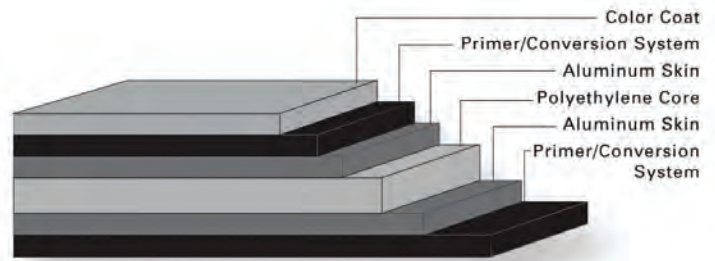
Bow: Maximum 0.5% of length and/or width  
Squareness: Maximum 0.2" (5mm)  
Peel Strength: >22.5 in lb/in (ASTM D1781)

ALPOLIC® material is trimmed and squared with cut edges to offer the best sheet edge conditions in the industry.

## WARRANTY

Standard panel warranty: 10 year  
Finish warranty: 10, 20 or 30 based on color

Call ALPOLIC® Customer Service for exclusions and warranty details.



## FIRE PERFORMANCE

ALPOLIC® sheets can be produced with a fire resistant (fr) mineral filled core or a polyethylene (PE) core. Each has been tested by independent testing laboratories using nationally recognized standards.

ALPOLIC®/fr material meets all requirements of the International Building Code (IBC) for non-combustible construction and the ICC-ES ESR 2653.

ALPOLIC®/PE meets all requirements for building applications under 40 feet from grade and the ICC-ES ESR 3704.

## PRODUCT NOTES

- Panels should be stored flat in a dry, indoor environment.
- Fabricate panels at temperatures above 55°F.
- Protective film should be removed from panels soon after installation.
- Please refer to ALPOLIC® Painted MCM Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.
- For best color consistency, ALPOLIC® recommends ordering all required solid paint finish panels at one time and maintaining consistent panel orientation during installation.
- Different lots of solid finishes should not be mixed on building elevation.

## ALPOLIC® TECHNICAL ASSISTANCE

1.800.422.7270 | [technicalservices@alpolic.com](mailto:technicalservices@alpolic.com)

401 Volvo Parkway, Chesapeake, VA 23320  
Telephone 1.800.422.7270 | Fax 757.436.1896  
[www.alpolic-america.com](http://www.alpolic-america.com) | Email: [info@alpolic.com](mailto:info@alpolic.com)





**38, 76 AND 190 SERIES  
SMOOTH FINISH OR CEDAR TEXTURE  
PRIMED & PREFINISHED PANEL SIDING  
(including SilverTech & SmartFinish)**

## GENERAL

- At the time of manufacture, siding meets or exceeds the performance standards set forth in ICC-ES AC321 and has achieved code recognition under ESR-1301, CCMC 11826-L, APA recognition under PR-N124, and HUD recognition under HUD-MR# 1318c. For copies of Product Approvals go online at <https://lpcorp.com/resources/product-literature/or> call LP Customer Support at 888-820-0325.
- Panel siding with SilverTech or SmartFinish is specifically for sheds and other outdoor structures where the interior wall cavities will remain permanently exposed.
- Non-grooved square edge panel siding may be installed vertically or horizontally. Shiplap edge panel siding is limited to vertical applications. (Figure 5E, 5F and 5G)
- Minimum 6 inch (152 mm) clearance must be maintained between siding and finish grade (ground cover).
- Siding applied adjacent to surfaces such as porches, patios, balconies, or walking surfaces (including porch columns) must have a clearance of at least 1 inch (25 mm) above any horizontal surface. Clearance may be reduced to 3/8 inch (10 mm) for:
  - Porches, patios, balconies, or walking surfaces that slope away from the structure or the surface provides gaps that allow water to flow through so that it cannot accumulate, and are covered by a roof, not an eave or overhang; or
  - Porch columns with walking surfaces that slope away from the structure or the surface provides gaps that allow water to flow through so that it cannot accumulate.
- Minimum 1 inch (25 mm) clearance at intersection with roof line.
- Apply and maintain siding in a manner that prevents moisture intrusion and water buildup.
- All wood substrate that is exposed to the weather must be sealed in a manner that prevents moisture intrusion and water build up.
  - Seal ALL exposed cuts of siding and trim. Field spray applied coatings on cuts are not recommended.
  - Sealing can be accomplished by applying a paint or sealant according to the manufacturer's requirements.
- LP does not recommend panel siding for use in ICF assemblies. If used, LP will NOT warrant for Buckling and Shrinkage.
- Use nails to fasten panel siding to structural framing.
  - Alternate fasteners such as staples are permissible when allowed by local building code and where the size, embedment, placement and number of alternate fasteners fasteners are designed by a licensed design professional and approved by the local building official.
  - LP will not consider any warranty claims for damage or performance failures to the extent caused by the use of any alternate fasteners.

## GENERAL (CONT.)

- SIDING MUST NOT BE IN DIRECT CONTACT WITH MASONRY, SUCH AS, BUT NOT LIMITED TO CONCRETE, BRICK, STONE, STUCCO OR MORTAR.

## STORAGE AND HANDLING

- Handle prefinished panel siding with extreme care during storage and application.
- Keep siding clean and dry. Inspect prior to application.
- Store off the ground on a flat surface and under a roof or separate waterproof covering.
  - Additional support may be required to achieve a safe clearance from the ground.
  - When the covering is removed, cut all unit banding.
- When unpackaging prefinished siding products, cut the full length of the shrink-wrap to avoid dragging and scuffing of the trim or sidings painted surface.
  - All movement or transportation of siding products on the jobsite should be done with slip sheets intact.
  - DO NOT remove slip sheets placed between the trim or siding painted surfaces until each piece is being prepared for installation.
  - Early removal of the slip sheets will leave siding products exposed to possible paint damage before installation.
- Touch up any damage to prefinished siding that may occur during application per the Finishing section in this document or per the Prefinishers specifications.

## STUD SPACING

- Panel siding with a shiplap joint must be installed with the long dimension vertically on studs.
  - 38 and 76 Series panel siding may be installed directly to studs spaced a maximum of 16 inch (406 mm) o.c.
  - 190 Series panel siding is required when installing directly to studs spaced up to a maximum of 24 inch (610 mm) o.c.

## MOISTURE

- Moisture control and water vapor control are critical elements of proper housing design. Check your local building code for application procedures for handling moisture and water vapor.
- As with all wood products, do not apply engineered wood siding to a structure having excessive moisture conditions such as drying concrete, plaster or wet blown cellulose insulation.
- Siding must not be applied to green or crooked structural framing members.
- Siding must not be applied over rain-soaked or buckled sheathing materials.
- Gutters are recommended for control of roof water run off.



## WATER-RESISTIVE BARRIER (WRB)

- A properly installed WRB is required behind siding. Consult your local building code for details.
- The LP SmartSide panel siding limited warranty does not expressly or implicitly cover water penetration.
  - LP does not assume responsibility for any water penetration.
- Sheds and other accessory structures where the interior wall cavities will remain permanently exposed may use LP SmartSide panel siding with SilverTech or SmartFinish and do not require a WRB, **if exempt by local building code.**

## GAPS & SEALANTS

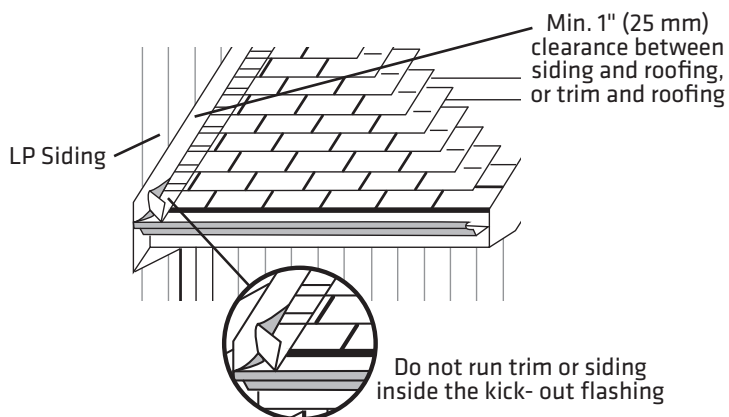
- Seal all gaps with a high-quality, non-hardening, paintable exterior sealant meeting ASTM C920, minimum Class 25. Follow the sealant manufacturer's instructions for application.

## FLASHING, WINDOWS, DOORS & OPENINGS

- All openings must be properly sealed or flashed in a manner that prevents moisture intrusion or buildup. Several examples that accomplish this objective are shown on the following pages.

## KICK-OUT FLASHING

- Install kick-out flashing at roof eave-to-wall intersections to direct the water into the gutter.
- Install step flashing at roof-to-wall intersections with a minimum 4 inch (102 mm) upper leg.
- Properly integrate flashing with the water-resistive barrier. Use housewrap, flashing tape, Z-flashing, or other items as needed to maintain the counterflashing principle.
- **DO NOT extend the siding or trim into kick-out flashing or gutter.**
- Maintain a minimum 1 inch (25 mm) clearance between the end of the gutter and the adjoining wall to allow for proper maintenance of the siding.



## TRIM

- Trim should be thick enough so the siding does not extend beyond the face of the trim.
- Trim and fascia must be applied in a manner that will not allow moisture intrusion or water buildup.
- LP® SmartSide® siding is not designed and/or manufactured to be used as trim.

## FINISHING INSTRUCTIONS

- Climb cut the surface of siding such that rotation of the blade cuts downward on the primed or prefinished siding surface.
- **Seal all exposed surfaces, including all drip edges or where water will hang.**
- Apply finish coat of paint as soon as possible, and within 180 days of application.
- Follow the coating manufacturer's application and maintenance instructions.
- For best results use a high-quality 100% acrylic exterior paint, specially formulated for use on wood and engineered wood substrates; oil paint is acceptable.
  - DO NOT USE: stain
  - DO NOT USE: vinyl-based paint (like vinyl acetate or PVA)

### SMOOTH FINISH Panel Siding:

- Either flat, satin or semi-gloss coatings can be applied to smooth finish panel siding.
  - Each offers different appearance & maintenance benefits.
  - See Technical Bulletin #049 for additional information.

### CEDAR TEXTURE Panel Siding:

- For best results use semi-gloss finish.
  - See Technical Bulletin #049 for additional information.

## PREFINISHED PANEL SIDING

- Handle prefinished panel siding with extreme care during storage and application.
  - Do not remove slipsheet while handling or carrying siding on job site as doing so may damage the coating.
  - Touch-up any damage to prefinished siding that may occur during application per the instruction below or the Prefinishers specifications.
  - Touch-up paint should be used sparingly.
  - Carefully apply touch-up paint only to the areas with missing paint. Doing so will allow the touched-up areas to better blend in with the factory applied coating.
  - Apply touch-up paint to cover scratches less than 1 inch in length and less than 1/16 inch wide, exposed nail heads or small nicks.
  - Do not apply touch-up paint to spots greater than 3/4 inch in diameter.
  - Apply touch-up paint only when air, siding and paint temperature are above 50°F and will remain above 50°F for at least 24 hours after application.
  - Shake touch-up paint for 90 seconds before every use.
  - Do not use touch-up if you suspect the paint has frozen.
  - Do not apply touch-up paint to wet siding.
  - Avoid using touch-up when condensation is likely to form.
  - Avoid using touch-up when precipitation is possible.
  - Store touch-up paint between 40°F and 100°F.
- Touch-up paint is air dried, while factory applied paint is generally cured using ovens. For this reason, the touch-up paint will have some minor differences initially and after time. Minimizing the use of touch-up paint is the best approach to ensure these minor differences are less noticeable.
- Use the appropriate applicator provided in the LP® SmartSide® ExpertFinish® Touch-Up Kit.
  - Nail Head Paint Applicator. (Figure 5H)
  - Cut End Paint Applicator. (Figure 5J)



## NAILING INSTRUCTIONS - DIRECT TO STUDS

- Penetrate structural framing or wood structural panels and structural framing a minimum of 1-1/2 inches (38 mm).
- A reduction in allowable racking shear capacity is required in Table 1 of both [PR-N124](#) and [ESR-1301](#) when using panel siding with a shiplap edge.

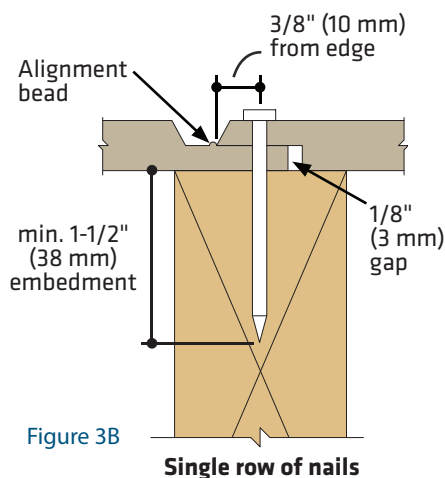
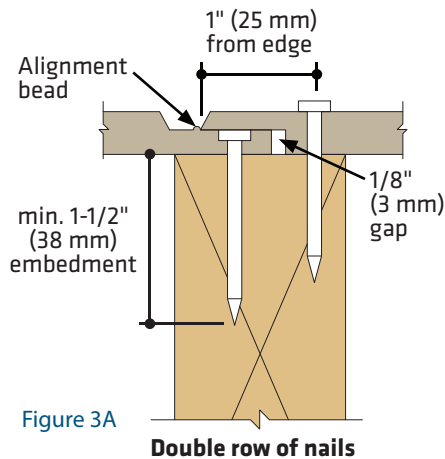
- For 38 Series panel **double nailing** procedure meets wall bracing requirements for 5/16 CATEGORY shear wall design value in Table 1.

- For 76 and 190 Series panel **single nailing** procedure meets wall bracing requirements for 5/16 CATEGORY shear wall design value in Table 1. To meet the equivalent 3/8 CATEGORY shear wall design value, **double nailing** must be used.

- Align the overlap edge of the panel to the outside edge of the alignment bead on the underlap edge of the adjacent panel as shown in Figure 3B.

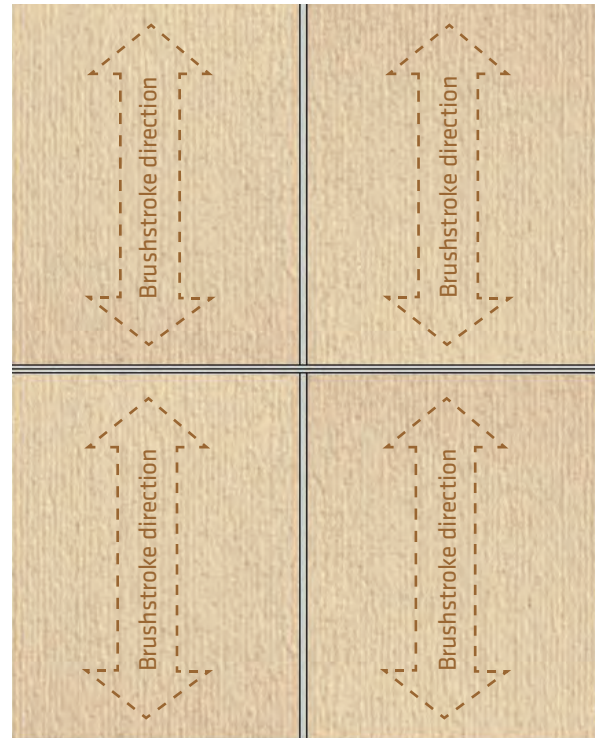
- Doing so will maintain the 1/8" (3 mm) expansion gap on the back side of the panel seam.
- **DO NOT INSTALL OVERLAP EDGE ON TOP OF UNDERLAP ALIGNMENT BEAD.**

- Where siding butts window trim, door casings and masonry, etc. leave a 3/16 inch gap and seal.



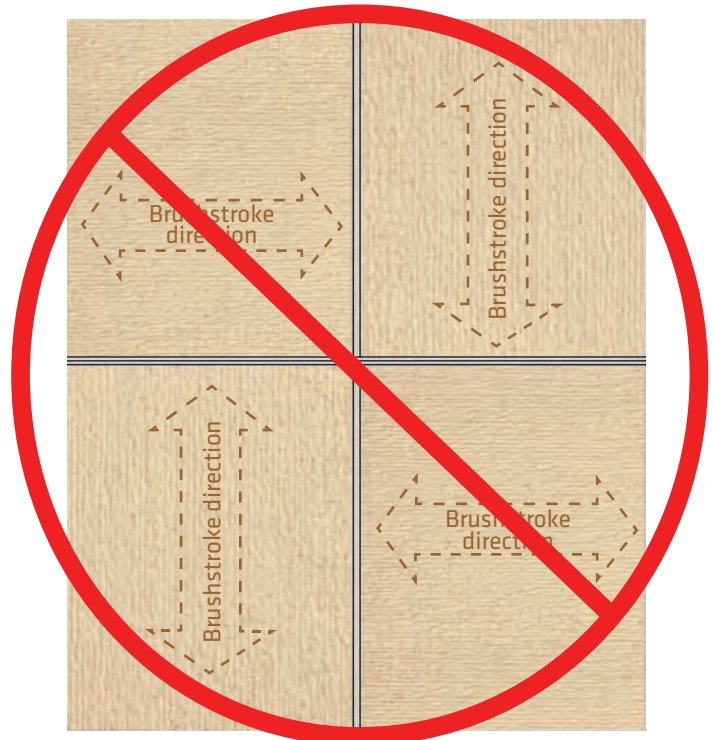
## SMOOTH FINISH PANEL ORIENTATION (CONT.)

### SMOOTH FINISH Brushstroke Texture - Parallel



- **DO NOT** installing panel siding with brushstroke running in different directions. (Figure 3D)

### SMOOTH FINISH Brushstroke Texture - NOT Parallel



## SMOOTH FINISH PANEL ORIENTATION

- Smooth finish square edge panel siding may be installed in either the horizontal or vertical orientation.
  - For a consistent finish appearance, maintain the same panel orientation throughout the installation. (Either all panels installed vertical or horizontal.)
- Smooth finish panels have a subtle brushstroke texture, this texture runs parallel to the long panel direction and can be used to identify the panel orientation even after the panels have been reduced in size.
  - See photos with directional arrows to familiarize yourself with this feature before beginning installation. (Figure 3C)



## NAILING INSTRUCTIONS - DIRECT TO STUDS (CONT.)

- In braced wall assemblies;
  - Use a minimum (0.113 inch shank diameter) hot-dip galvanized (ASTM A153) or equivalent nail for 38 Series and 76 Series panel siding.
  - Use a minimum (0.131 inch shank diameter) hot-dip galvanized (ASTM A153) or equivalent nail for 190 Series panel siding.
  - When using panel siding as both wall bracing and siding consult Table 1 of [APA Product Report PR-N124](#) or [ICC-ES Evaluation Report ESR-1301](#) for fastener spacing; or consult a design professional.
- In non-braced wall assemblies;
  - A minimum 0.092 inch smooth shank diameter nail may be substituted depending on the wind pressure, wind speed and wind exposure category limitations in [PR-N124](#) or [ESR-1301](#).

## ALTERNATIVE FASTENING OPTION OVER SIP ASSEMBLIES OR WOOD STRUCTURAL PANEL WALL SHEATHING (WSP)

- WSP wall sheathing must be a minimum 7/16 Category with an APA Trademark that contains the consensus Standard DOC PS 2.
- Panel siding must be fastened with:
  - Minimum (0.092 inch shank diameter) hot-dip galvanized ring shank nail, fastened in a grid a minimum of 8 inches (203 mm) o.c. up to a maximum 16 inches (305 mm) o.c. grid depending on the wind pressure, wind speed and wind exposure category limitations in APA Product Report PR-N124, Table 5a or 5b.
  - Fastener length must be long enough to fully penetrate WSP wall sheathing by at least 1/4 inch (6 mm). Ensure that the ring shanks of the nail fully engage the WSP sheathing.

## PANEL SIDING INSTALLED OVER EXTERIOR GYPSUM OR FOAM SHEATHING (RIGID FOAM INSULATION)

- Siding may be installed over exterior gypsum or foam sheathing. The following precaution must be followed:
  - Fastener length must be increased to ensure a minimum 1-1/2 inch (38 mm) penetration into structural framing or wood structural panel sheathing and structural framing; **or**
  - For alternate fastening option to wood structural panel sheathing only, the nail length must be long enough to fully penetrate sheathing by at least 1/4 inch (6 mm).
    - Ensure that the ring shanks of the nail fully engage the wood structural panel sheathing.
  - A water-resistant barrier (WRB) is required in accordance with building code requirements.
    - A drainage plane (example: furring strips, drainage mat or drainage board) may be required between siding and WRB, consult local code requirements.

## PANEL SIDING INSTALLED OVER FOAM SHEATHING (RIGID FOAM INSULATION) UP TO 1 INCH (25 MM) THICK

- Siding may be installed over low-compression foam sheathing.
- Panel siding may be nailed directly over foam sheathing up to 1 inch (25 mm) thick without a reduction in the allowable racking shear capacity (wall bracing capacity).

## PANEL SIDING INSTALLED OVER FOAM SHEATHING (RIGID FOAM INSULATION) GREATER THAN 1 IN (25 MM) THICK

- When panel siding is NOT used as wall bracing, refer to IRC Chapter 7 on Wall Covering for prescriptive siding attachment over foam sheathing up to 4 inch (102 mm) thick direct to wood framing or cold-formed steel framing.
  - Section 703.15.1 for minimum fastening requirements over foam sheathing to wood framing.
  - Section 703.15.2 for furring minimum fastening requirements over foam sheathing to wood framing.
  - Section 703.16.1 for minimum fastening requirements over foam sheathing to steel framing.
  - Section 703.16.2 for furring minimum fastening requirements over foam sheathing into steel framing.
- LP assumes no liability for any loss or damage caused by the IRC prescriptive design of the mechanical connection of the siding to the structure and is expressly released by the purchaser or owner from any such loss or liability.

## 1 INCH (25 MM) ROOF-TO-WALL OR CHIMNEY INTERSECTION

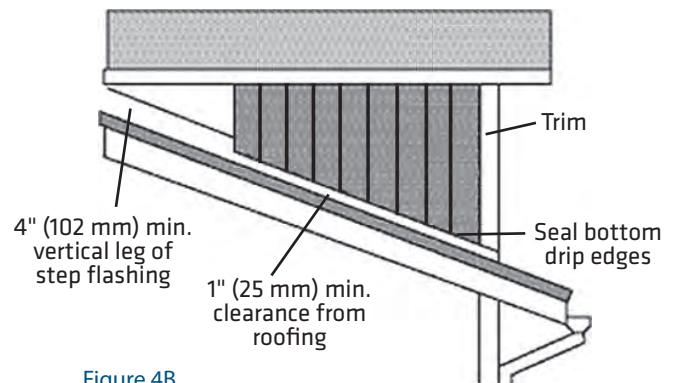
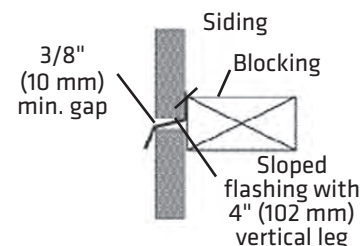


Figure 4B

## PANEL SIDING JOINT DETAILS

### HORIZONTAL WALL JOINTS



### BUTT & FLASH

Figure 4C

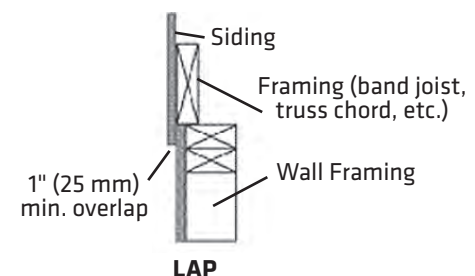


Figure 4E



## PANEL SIDING JOINT DETAILS (CONT.)

### HORIZONTAL BANDBOARD

For multi-story buildings, make provisions at horizontal joints for “settling” shrinkage of framing, especially when applying siding directly to studs.

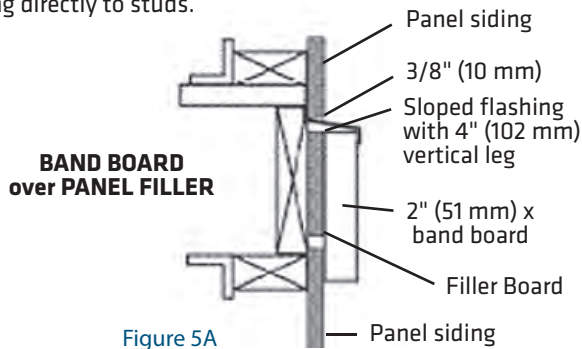


Figure 5A

## SILL PLATE OPTIONS

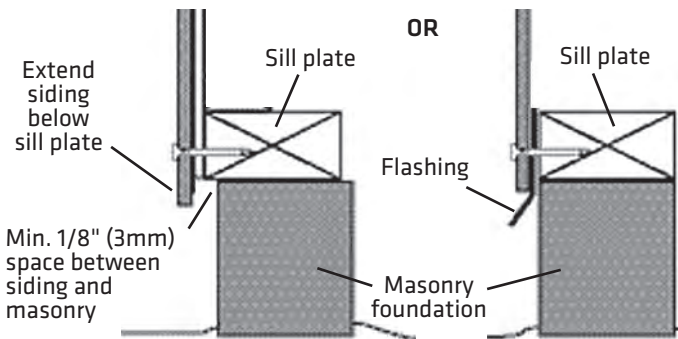


Figure 5B

Figure 5C

## SPACE & FLASH ABOVE DOORS & WINDOWS

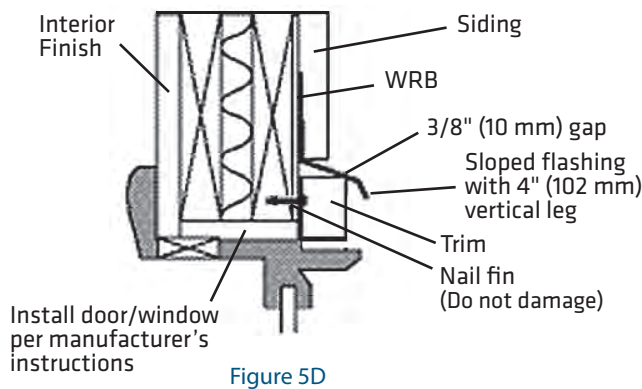


Figure 5D

## PANEL EDGES AVAILABLE: SQUARE EDGE, SHIPLAP EDGE AND SHIPLAP EDGE WITH ALIGNMENT BEAD

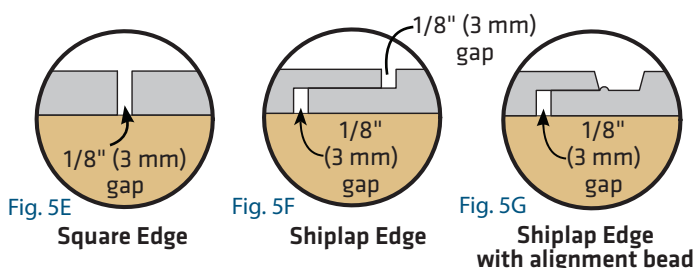


Fig. 5E

Square Edge

Fig. 5F

Shiplap Edge

Fig. 5G

Shiplap Edge with alignment bead

## TOUCH-UP KIT



Figure 5H

Nail Head  
Paint Applicator



Figure 5J

Cut End  
Paint Applicator

LP SmartSide panel siding is accepted by the State of California as category 8140- Exterior Wall Siding and Sheathing for Wildland Urban Interface (WUI) applications. **For WUI compliance, install panel siding** in accordance with Louisiana-Pacific's printed application instructions **with the addition of a paintable fire retardant sealant** [UL Listed fire caulk, nominal 1/4 inch (6 mm) bead] **in the vertical joint, and using an enhanced nailing pattern of 3 inch (76 mm) o.c. perimeter nailing and 8 inch (203 mm) o.c. field nailing.** Look for the California State Fire Marshal Office label on LP SmartSide panel siding.

The Louisiana-Pacific Corporation (“LP”) LP SmartSide Siding (the “Products”) Limited Warranty (the “Warranty”) applies only to structures on which the Products have been applied, finished and maintained in accordance with the published application, finishing and maintenance instructions in effect at the time of application. The failure to follow such application, finishing or maintenance instructions will void the Warranty as to the portion of the Products affected by the variance (the “Affected Products”).

LP assumes no liability for any loss or damage sustained by the Affected Products and is expressly released by the purchaser or owner from any such loss or liability.

Any modification of the Warranty's application, finishing or maintenance requirements is void unless approved in writing by LP prior to application.

For a copy of the warranty or for installation and technical support, visit the LP SmartSide product support Web site at:

**[www.lpsmartside.com](http://www.lpsmartside.com)**

for for additional support call 888-820-0325.

**WARRANTY REMEDIES ARE NOT AVAILABLE IF REQUIREMENTS ARE NOT FOLLOWED.**

**⚠ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to [www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood).**



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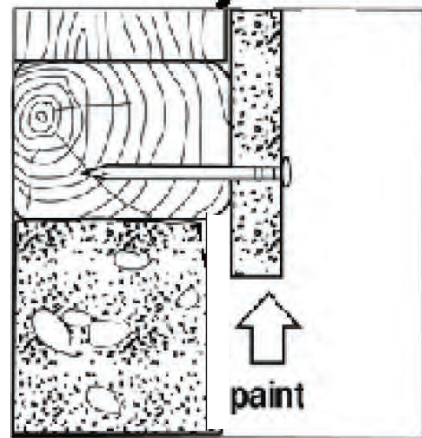
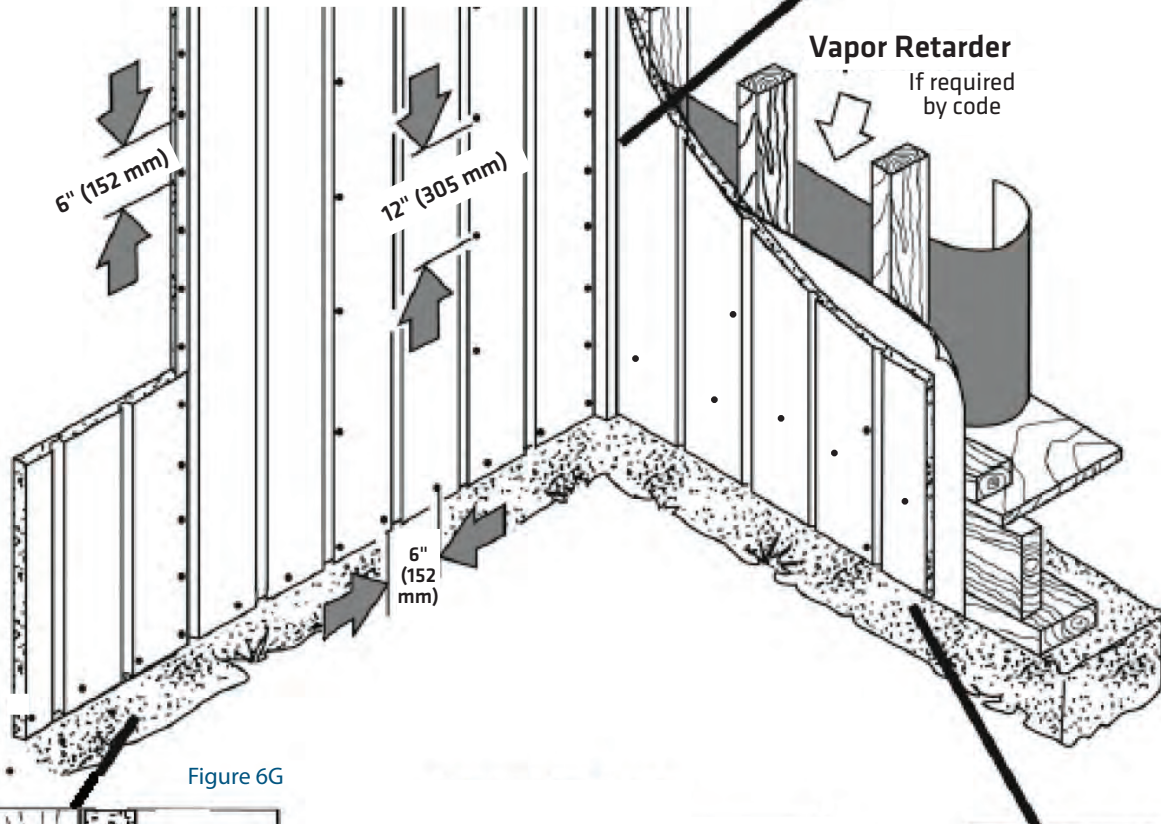
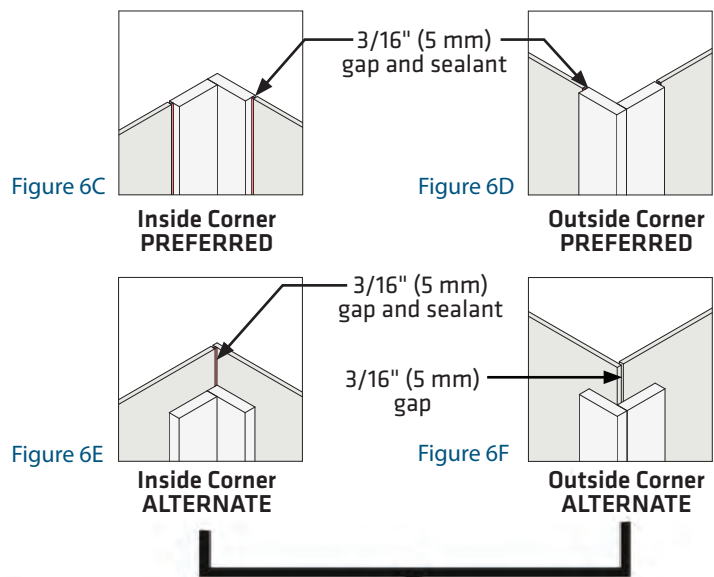
NOTE: Louisiana-Pacific Corporation periodically updates and revises its product information. To verify that this version is current, call 888-820-0325.



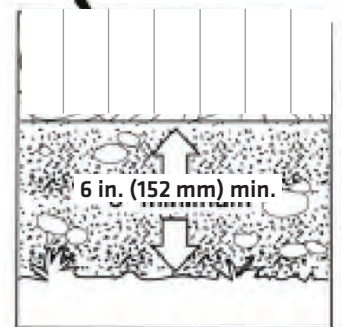
- Painting all exposed nail heads is recommended.
- Do not overdrive nails.
  - Nail head should seat **snug** to face of siding, but not be overdriven to distort the siding surface. (Figure 6A)

CONDITION		CORRECTION
Snug		OK
Flush		Paint
Visible fiber		Paint
Countersunk 1/16" - 1/8" (0.063 mm) - (0.125 mm)		Apply sealant
Countersunk more than 1/8" (0.125 mm)		Apply sealant and re-nail

Figure 6A



Bottom Course Detail



Ground Clearance



