

anBlu Alltr BRAUM xhatch : 10/3/201 0/261, Av K'idal ci K'idal ci Ste Plar IMAGES XREFS LAST SAVED PLOTTED BY DWG PATH DWG NAME

GRAPHIC SC 0 10 2	ALE IN FEET	Site Site Big Big Big Big Big Big Big Big		00
	ALL DIMENSIONS ARE TO FACE OF CUP ALL CURB RADII ARE 2' UNLESS DIMEN- REFERENCE SHEET C-05 FOR PAVEMEI CONTRACTOR TO AD UIST EXISTING SA	TES BUNLESS OTHERWISE NOTED. SIONED OTHERWISE. NT SECTIONS. SEE GEOTECH FOR DETAILS. NITARY SEWER MANHOLES, ELECTRICAL XES, WATER METERS, ETC. TO MATCH SSARY.	/>>>Horr	© 2019 KIMLEY HORN AND ASSOCIATES, INC. 13455 NOEL ROAD, TWO GALLERA OFFICE TOWER, SUITE 700
	LEGE	ND		
	PROPERTY LINE			
	EASEMENT LINE		G	AD, TWO G
	PROPOSED CURB			019 k
	MEDIUM PAVEMENT (SEE SHEET C-5 FOR DETAILS)		(in	© 2 3455 NOEL
	HEAVY DUTY PAVEMENT (SEE SHEET C-5 FOR DETAILS)	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$		
	LIGHT DUTY PAVEMENT (SEE SHEET C-5 FOR DETAILS)			
	PROPOSED SIDEWALK (SEE DETAIL, SHEET C-16)			
	EXISTING WATER LINE	w w		
	EXISTING SANITARY SEWER LINE	55 55		OWN HRM
	EXISTING STORM LINE		KHA PROJECT 061297122 DATE OCTORER 2019	S SH S
	PROPOSED WATER LINE	w w	06129 06129 DA	SCALE A
	PROPOSED SANITARY SEWER LINE	55 55	@	S
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	PROPOSED STORM LINE		L	
	PROPOSED UNDERGROUND ELECTRIC	UGE UGE	K	BOULEVARD
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	KEY
TYPICAL	TYP.
EXISTING	EX.
FIRE HYDRANT	FH
CURB INLET	CI
MANHOLE	МН
GRATE INLET	GI
LANDSCAPE AREA	LS
BARRIER FREE RAMP	BFR



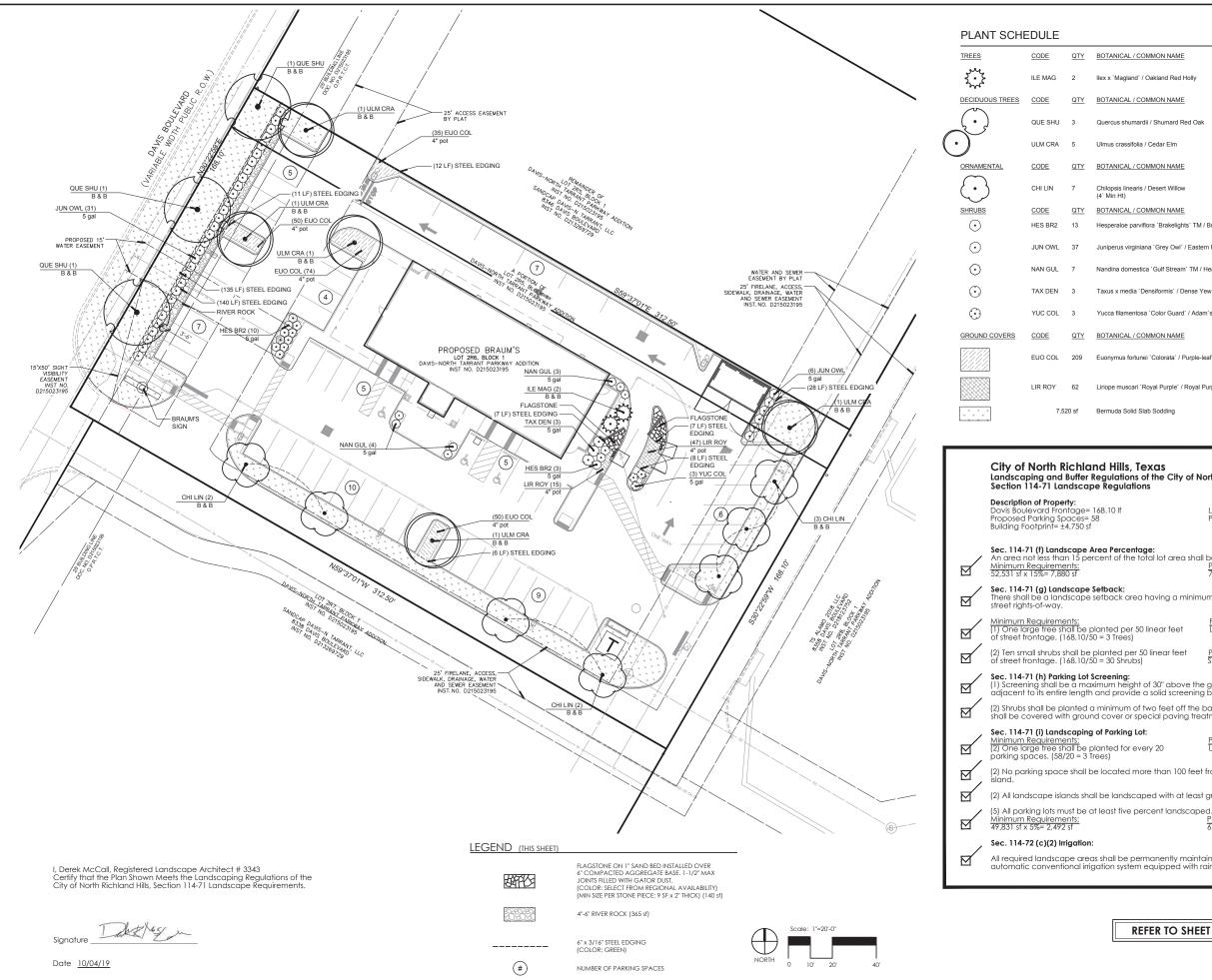
BENCHMARKS

CITY BENCHMARK A 2° BRASS DISK STAMPED "CITY OF NORTH RICHLAND HILLS BENCHMARK 404". SET IN THE CENTERLINE OF A 10" CURB INLET ON THE SOUTHSIDE OF MIDCITIES BOULEVAR AND 59° EAST OF THE CENTERLINE OF HOLIDAYS LANE. ELEVATION = 630.89"

SITE BENCHMARK AN 'X" CUT IN CONCRETE SET IN THE MIDDLE OF A CURB INLET LOCATED ALONG THE SOUTHEAST LINE OF DAVIS BOULEVARD, 54's NORTH NORTHEAST OF SUBJECT TRACT ELEVATION = 660.28'

Vindent			13455 NOEL ROAD, TWO GALLERIA OFFICE	DALLAS TX 75240 PHONE: 972-770-1300 FAX: 972-	WWW.KIMLEY-HORN.COM T)
JECT 122	2019	SHOWN	HRM	ABO	KSG
KHA PROJECT 061297122	DATE OCTOBER 2019	SCALE AS SHOWN	DESIGNED BY:	DRAWN BY:	CHECKED BY: KSG
SAMI INDIA	ICE CREAM AND DAIRY STORES		8342 DAVIS BOULEVARD	CITY OF NORTH RICHLAND HILLS	TARRANT COUNTY, TEXAS
		SITE PLAN			
	SHEET	r nu Pi		R	

-3820 928



DTANICAL / COMMON NAME	CONT	SIZE
x x 'Magland' / Oakland Red Holly	B & B	8'-10' Ht Min
DTANICAL / COMMON NAME	CONT	SIZE
uercus shumardii / Shumard Red Oak	B & B	3" cal
mus crassifolia / Cedar Elm	B & B	3" cal
DTANICAL / COMMON NAME	CONT	SIZE
hilopsis linearis / Desert Willow ` Min Ht)	B & B	1.5" cal
DTANICAL / COMMON NAME	CONT	SPACING
esperaloe parviflora 'Brakelights' TM / Brakelights Red Yucca	5 gal	48" o.c.
uniperus virginiana `Grey Owl` / Eastern Redcedar	5 gal	54" o.c.
andina domestica 'Gulf Stream' TM / Heavenly Bamboo	5 gal	48" o.c.
axus x media `Densiformis` / Dense Yew	5 gal	60" o.c.
ucca filamentosa 'Color Guard' / Adam's Needle	5 gal	48" o.c.
DTANICAL / COMMON NAME	CONT	SPACING
uonymus fortunei 'Colorata' / Purple-leaf Winter Creeper	4" pot	18" o.c.
riope muscari `Royal Purple` / Royal Purple Liriope	4" pot	18" o.c.

7,520 sf Bermuda Solid Slab Sodding

Landscaping and Buffer Regulations of the City of North Richland Hills Section 114-71 Landscape Regulations

Lot Size= 52.531 sf Parking Lot Size= 49,831 sf

Sec. 114-71 (f) Landscape Area Percentage: An area not less than 15 percent of the total lot area shall be landscaped. Minimum Requirements: 52,531 sfx 15%=7,880 sf 7,841 sf (15%)

Sec. 114-71 (g) Landscape Setback: There shall be a landscape setback area having a minimum width of 15 feet adjacent to all public

Provided: Large Trees = 3 Provided: Shrubs = 31

Sec. 114-71 (h) Parking Lot Screening: (1) Screening shall be a maximum height of 30" above the grade of the parking lot along and adjacent to its entire length and provide a solid screening barrier.

(2) Shrubs shall be planted a minimum of two feet off the back of curbs. Areas under car bumpers shall be covered with ground cover or special paving treatments.

Provided: Large Trees = 5

(2) No parking space shall be located more than 100 feet from a large tree within a landscaped

(2) All landscape islands shall be landscaped with at least ground cover and one large tree.

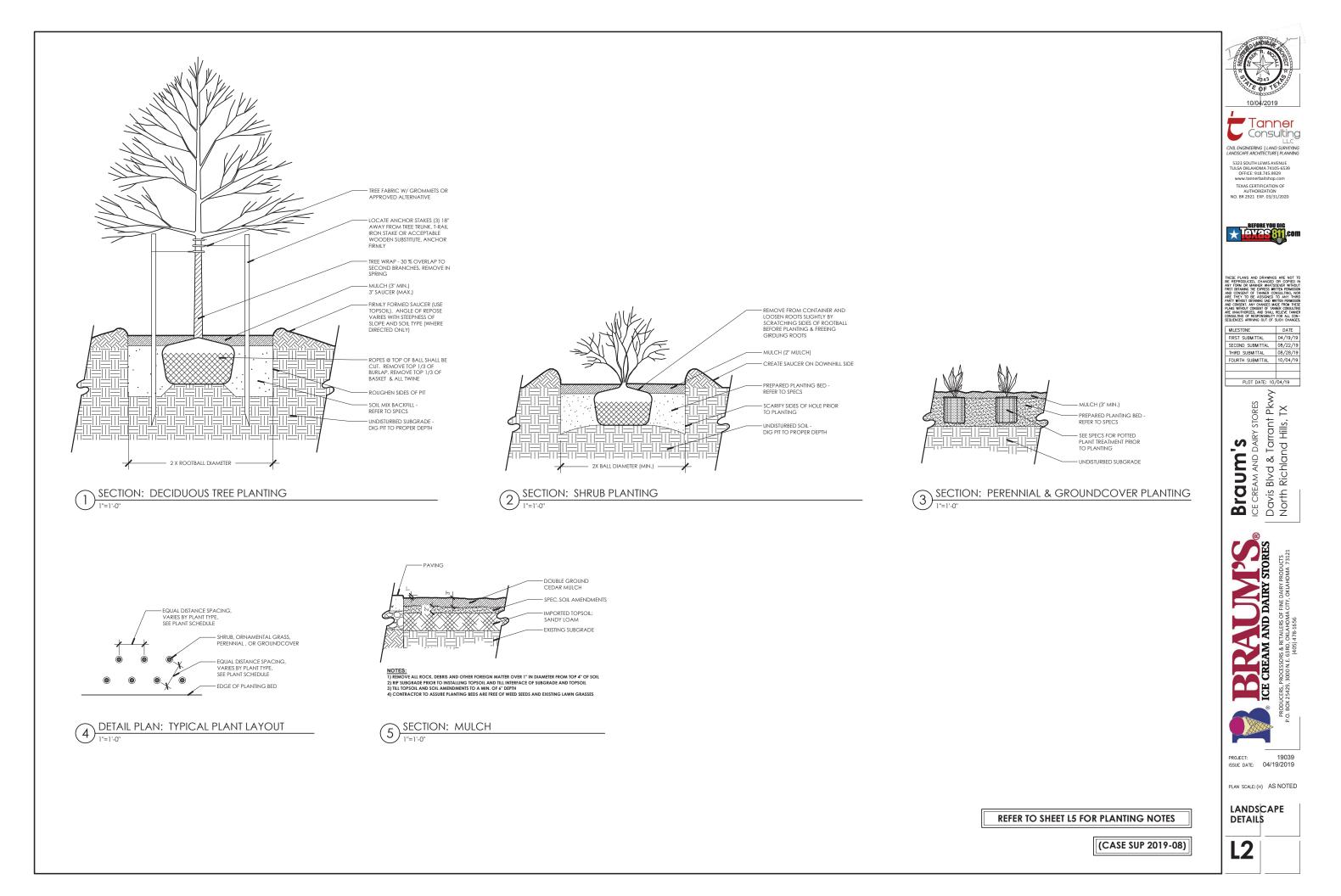
Provided: 6,683 sf (13%)

All required landscape areas shall be permanently maintained and shall be irrigated with an automatic conventional irrigation system equipped with rain and freeze sensor controls.

REFER TO SHEET L5 FOR PLANTING NOTES

(CASE SUP 2019-08)

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Braum's ICE CREAM AND DAIRY STORES ICE CREAM AND DAIRY STORES Davis Blvd & Tarrant Pkwy North Richland Hills, TX
ICE CREAM AND DAIRY STORES ICE CREAM AND DAIRY STORES PODUCER, PROCESSOR & RETAILER OF FINE DAIRY PRODUCTS P.O. BOX 25429, 3000 N.E. 63BD, ORCHOMA CTY, OKLHOMA 73121 (405) 478-1556
PROJECT: 19039 ISSUE DATE: 04/19/2019
plan scale: (h) 1"=20'
LANDSCAPE PLAN



GENERAL PROJECT NOTE

- 1. Work performed shall conform to these notes, construction drawings, and specifications.
- 2. Work performed shall conform to all applicable local, state, and federal rdinances and regulations
- 3. Contractor shall be responsible for all damage to all utilities during the installation. Contractor shall confirm the location of the utilities prior to starting any work. All utility locations shown are approximate and are based on survey information, site development plans, utility records, etc.
- 4. The contractor is responsible for contacting local underground utility services and/or one-call system at 1-800-522-6543 for utility location and identification. prior to commencing any construction activities.
- 5. Perform construction activities in the vicinity to existing utilities by hand, if necessary. The contractor bears full financial and legal responsibility for his/her work and damage to utilities shall be repaired immediately at no cost to the
- 6. Notify Landscape Architect of any site conditions that would not allow this plan to be installed as shown. If any part of this plan cannot be installed as shown due to site conditions or any other reason, notify the client's representative for clarification prior to commencing construction.
- 7. Verify base information. Source of surveyor, civil engineer, or architect base information is assumed to be correct. Report discrepancies to the landscape architect or Owner's Representative immediately
- 8. When the contractor believes they are substantially complete, they are to request a punch-list walk-through with the owner's representative and landscape architect.

DEMOLITION NOTES

- 1 Items shall only be removed if designated for removal in the drawings. Trees footings, paving, and other items to be removed to their full depth unless otherwise noted.
- 2. Significant items found below grade and not shown on drawings shall be brought to the attention of the landscape architect or owner's representative.
- 3. All concrete and asphalt removal shall be saw-cut. Damage to edges of paving to be saved shall be repaired to an acceptable quality by the contractor at no cost to the owner.
- 4. Remove demolished material from site and dispose of according to local, state, and federal regulations. No burning or burying is allowed
- 5. Salvage existing site materials as requested by the landscape architect and stockpile on-site in an area that will not inhibit construction activities.

LAYOUT NOTES

- 1. Layout and verify dimensions and locations prior to construction. Bring discrepancies to the attention of the landscape architect for clarification.
- 2. Written dimensions take precedence over scaled drawings. Addenda, clarifications, and specifications take precedence over written dimensions.
- 3. For dimensions of existing buildings and proposed buildings, refer to the architectural drawings
- 4. Dimensions are measured perpendicular from adjacent face of building, wall, r other fixed site improvement. Dimensions to centerlines are as indicated
- 5. Where dimensions are called 'equal' or 'typical' (TYP.), space referenced items equally measured to their centerlines.
- 6. Install intersecting elements at 90 degree angles to each other unless otherwise noted
- 7. Provide expansion joints where flatwork meets buildings, footings, wall, curbs steps, or other fixed elements.
- 8. Install control joints as shown on plans. Control joints in concrete walkways spaced no more than distances equal to 24 to 30 times the slab thickness and be a minimum of 1/4 of the depth of the slab made 4-12 hours after concrete finishing.
- 9. All walkways shall be located from finished face of buildings.

GRADING AND DRAINAGE NOTES

- 1. Drainage lines to be laid out in field and slope a minimum of 1% downhill. 2. All hardscape surfaces shall drain toward drainage inlets and away from structures.
- 3. All planting beds to drain toward drain inlets or french drains as shown and away from building at a min. of 6" over 10'. Finished grade of planting beds shall be a minimum 8" lower than the finished floor elevation of the building slab. Notify the landscape architect immediately of any perceived discrepancies.
- 4. Erosion and control measures installed as required by all municipal codes and shall meet all municipal code specifications
- 5. All drainage pipes in lawn areas to have pop-up exits or drain to specified location
- 6. The contractor is to install according to this plan but proper drainage and grading will be the ultimately be the responsibility of the Contractor on site. Discrepancies in drawing to be brought to the attention of Landscape Architect before or during construction
- 7. Walls over 48" from top of wall to bottom of footing to be reviewed by designed by licensed Engineer

PLANTING NOTES

- 1. The contractor shall familiarize himself/herself with the site conditions and verify them to his/her satisfaction
- 2. The contractor is responsible for maintaining, in full all planting areas (including watering, spraying, mulching, mowing, fertilizing, etc.) until the job is accepted, in full, by owner and/or Landscape Architect.
- 3. The landscape contractor is responsible for confirming the availability of all the specified plant materials within two (2) weeks of project award. All requests for substitution due to lack of availability must be made to the landscape architect in writing within this period. No substitution shall be permitted withou prior written approval. The contractor is responsible for exhausting all means possible to obtain the materials as specified prior to requesting substitution. Approved substituted materials must be offered at no additional costs to the owner.
- 4. The landscape contractor is responsible for confirming the quantities of each plant material required to adequately cover the area shown on the landscape plans at the prescribed spacing and notifying the landscape architect immediately of any perceived discrepancies a min. of two (2) working days prior to plantina.
- 5. The landscape architect reserves the right to review and approve all plant materials if requested, including sod, at the source nursery with the landscape contractor prior to delivery to the job site.
- 6. All root balls shall conform to the size standards set forth in "American Standards for Nursery Stock"
- 7. Each tree shall be backfilled with 3 cubic feet of Back to Nature cotton burr compost mixed thoroughly with existing topsoil. Apply Biotone starter following Espoma Organic Bio-tone Starter Plus 4-3-3 following manufacturer's recommendations
- 8. For evergreen shrub and tree planting, apply Wilt-Pruf anti-desicant spray at a rate of 1:10 (Wilt-Pruf to water) the same day as planting.
- 9. Refer to Civil Engineer's grading plans for grading information. If actual site conditions vary from what is shown on the plans or if there are discrepancies between the plans, contact the Landscape Architect for direction as to how to proceed
- 10. All plant material shall be protected during transport and delivery to final location with shade cloth or other acceptable means of windburn prevention.
- 11. All trees must be guyed or staked as shown in the details.
- 12. Installation- all plant material shall be installed in a sound, workman-like manner and according to accepted good planting and tree relocation procedures with the quality of plant materials as hereinafter described. All elements of landscaping shall be installed so as to meet all applicable ordinances and code requirements.
- 13. Contractor shall assure drainage and percolation of all planting pits prior to installation of plant material. Contractor shall fill all tree pits with water before planting to assure that proper drainage and percolation is available. Correct if required to assure percolation. Contractor is responsible for replacement of all plants lost due to inadequate drainage conditions.
- 14. Contractor to request final acceptance of project in writing. If all work is satisfactory and complete in accordance with conditions of contract documents, then the owner, and/or landscape architect shall declare the project substantially complete
- 15. Contractor to replace rejected plant material within two (2) weeks of written notice.
- 16. Contractor shall mulch all plant material throughout and completely to a three-inch (3") depth of loose, weed free sterilized cedar mulch unless noted otherwise in plans or specifications. All disturbed areas to be covered with sod, mulch, planting, or gravel at completion of project. No bare soil shall remain on property or adjacent properties.
- 17. Contractor shall place all plant material on site and get landscape architect approval before planting.

SOIL PREPARATION NOTES

1. Till and remove the top 8" of soil and stockpile on site. Amend and reuse by percentage as shown below or replace with new conforming mix. Till the 8" of soil mix into the next 6" of soil to obtain 14" of weed free de-compacted soil. Stones over 2" to be removed from the soil. The top 8" of planting bed soil to consist of the following percentages by

volume

Native or imported topsoil	40%
Sharp washed sand	10%
Leaf Compost	40%
Mushroom or Cotton Burr Compost	10%

2. Apply Roundup (manufactured by Monsanto Corp. or equal.) according to manufacturer's rate and specification within limits of all areas to be planted. Protect existing plants to remain from overspray or spray within root zone. Contractor to ensure total weed eradication

TREE PRESERVATION NOTES

- 1. All trees to be preserved as indicated on the Landscape Demolition Plan shall be protected by 6' construction fence. The fence shall be located at a 5-ft. radius from the edge of the trunk. The fence shall be firmly anchored into the around and shall remain upright and intact until all construction activity is complete. Construction activities or storage shall not occur within these protected areas. The Contractor shall stake the protective fencing location The location of the protective fencing shall be approved onsite by the Landscape Architect prior to the start of any site work.
- 2. When excavation near a tree to be protected must be carried out, damage can be limited by root pruning. Root pruning shall be completed before grading is started and shall occur beneath the protective fencing as shown on
- 3. Root pruning shall be performed, when required, with a trencher such as a telephone cable puller or a "Ditch Witch" prior to adjacent excavation. The trenching shall be to a minimum depth of 24" or the depth of excavation. The contractor shall stake the limit of root pruning as per the plan. Limits of trenching shall be approved by the Landscape Architect prior to any trenching in the field. Do not trench for irrigation or electrical within drip lines of existing trees. Coordinate all trenching required for utility work with the landscape plans
- 4. The best method to avoid soil compaction is to KEEP OFF. This includes restricting all traffic both vehicular and pedestrian from crossing over the root zones, and restricting even temporary material storage under trees.

LAWN NOTES

- 1. Sod or seed all areas as shown on plans and all disturbed areas. If not shown on plans but within limits of work, contractor to confirm with landscape architect
- 2. Provide ¾ inch of compost to be tilled into top 4" of lawn areas prior to seeding or sodding if heavy clay soils are present.
- 3. Top soil shall be free of weeds and foreign material immediately before soddina.
- 4. Lay sod with closely fitted joints leaving no yoids and with ends of sod strips staggered. Sod shall be laid within 24 hours of harvesting.
- 5. Tamp and roll sod with approved equipment to eliminate minor irregularities and to form close contact with soil bed immediately after planting and watering. Submit type of tamping and rolling equipment to be used to the Landscape Architect for approval, prior to construction
- 6. Evenly spread fertilizer composite at a rate of 40 pounds per 5000 square feet or as recommended by manufacturer. Fertilizer shall not be placed until 2 weeks after placement of sod.
- 7. Lawn to receive a minimum 1/2 inch water for the first 3 weeks after area is sodded. After 3-week period, water twice a week with 3/4 inch of water each time unless comparable amount has been provided by rain.

19. Some piping may be shown off property or outside of sleeves for graphic purposes only. Place all irrigation components on the property and in appropriate sleeves.

2. This irrigation design is for diagrammatic purposes only. The intent is to show the aeneral layout and loaic of the system. Major adjustments to the design must immediately be brought to the attention of the Landscape Architect, Scaled measurements, guantities, and actual location of equipment may vary due to field adjustments. Piping layout is schematic. Locate heads, lines and wiring along back of curbs and bed edges, combine lines and wiring in common renches where possible. Place heads directly adjacent to curbs and edges Place valves in accessible locations. No lines are to be placed under vehicular paving areas unless in irrigation sleeves

- installation

8. Install controller inside building or if installed outside it must be placed inside of a locking enclosure. Coordinate location with general contractor or landscape architect.

IRRIGATION NOTES

1. Contractor shall install a fully functional and automated irrigation system that provides full coverage to all landscape areas as shown in the plans and details. Contractor shall cut and remove any abandoned existing irrigation main lines and lateral lines within the project work area.

3. This irrigation design makes the assumption that the existing water main is 3" ductile iron and the static pressure is 70psi. Contractor shall verify and notify Tanner Consulting if pressure or flow is significantly different than the assumed.

4. All irrigation sleeving under payements shall be minimum 4" schedule 40 pvc (unless noted otherwise) placed 18"-24" below finish arade. Cap ends shut and backfill with crushed limestone aravel and compact according to earthwork specifications. Contractor shall field verify any existing sleeves. Temporarily mark ends of all sleeves with wood stakes or steel "t" posts. Permanently mark all sleeves with 1/4" deep "V" cut into pavements. Verify actual locations on site. All sleeving shall be bored underneath existing pavement or installed prior to new pavement. No existing pavement shall be emoved for irrigation sleeving.

5. Contractor shall verify and document existing water source data on site and notify Tanner Consulting of any discrepancies before proceeding with

6. Contractor shall coordinate location and installation of irrigation water meter with Civil drawinas.

7. Install a Reduced Pressure Principle Backflow Preventer inside building in accordance with all applicable local and state regulations. For outdoor installation, an insulated, fiberglass enclosure is to be installed over the assembly. A GFI receptacle is to be installed within the enclosure and hard wired to an electrical supply. Landscape Architect shall approve of the backflow location if there is not an existing one.

9. Install Wireless Rain/Freeze sensor either on a parking lot light pole or on the building facade a minimum of 12' above finished grade. Coordinate location with landscape architect

10. Appropriate size valve boxes are to be installed over all valves.

11. The general contractor to provide adequate electrical outlets for all irrigation equipment.

12. Contractor shall obtain any required permits, adhere to all municipal codes and follow standard and accepted local practices

13. A minimum of two (2) automatic drain valves shall be installed at the lowest portion of each zone and at 100' intervals on the mainline.

14. Provide 100% coverage for all landscape areas and make final adjustments to obtain optimal performance. 100% coverage is defined as having head to head coverage in all direction in all areas. There shall be no shrub heads or drip irrigation placed on the same zone with turf heads and vice versa.

15. Review and report any discrepancies shown on the plan, for correction, prior to proceeding with related work.

16. Install all equipment in accordance with manufacturers details and specifications

17. Piping shall be as follows unless otherwise noted on plans:

• 1/2" Lateral lines shall be PVC Class 315 SDR 13.5.

• Greater than 1/2" Lateral lines shall be PVC Class 200 SDR 21.

• Mainline shall PVC Schedule 40 IPS Plastic Pipe.

17. Place all piping on the perimeter of landscape areas where possible. Place valves in planting areas or out of view where possible. Limit trenching around existing trees as much as possible, stay min. of 8' from trunk. Be aware of the location of new trees and shrubs and place piping away from the root balls.

18. All spray heads in planting areas to be 12" pop-ups. All spray heads in lawn areas to be a 6" pop up minimum.

20. All wire connections for the irrigation system shall be made with 3M Direct Bury Splice Kit DBR/Y-6 or approved equal.

21. Control wires shall have looped slack at all valves, corners, and bores. Snake vire in trench to allow for contraction

(CASE SUP 2019-08)

22. Detectable underground warning tape shall be installed with all main line and lateral lines.

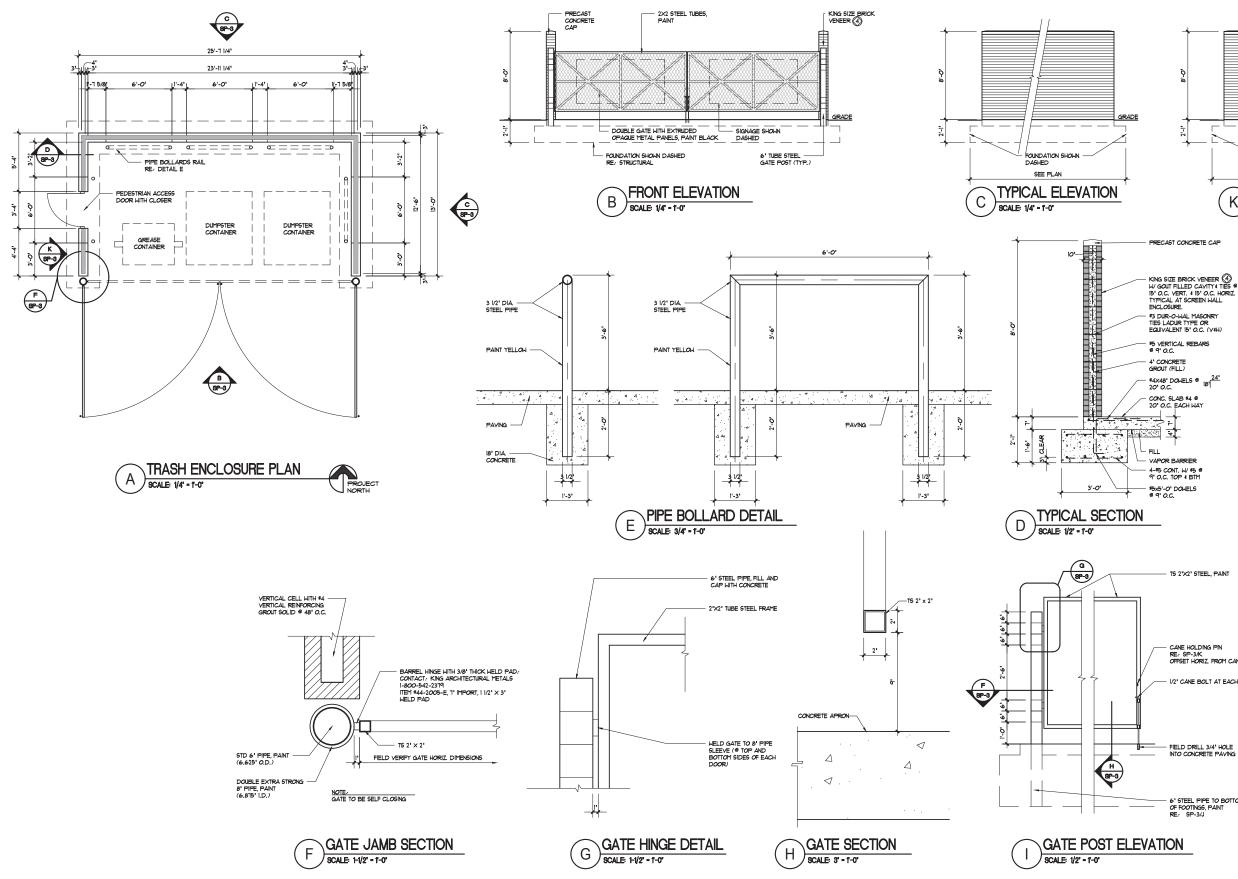


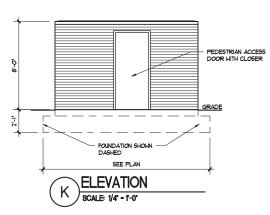




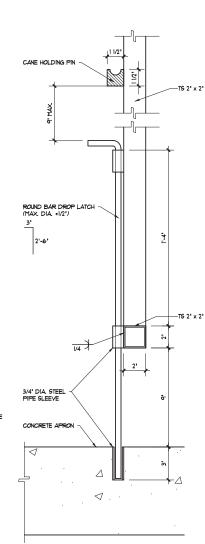
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PLAN SCALE: (H)

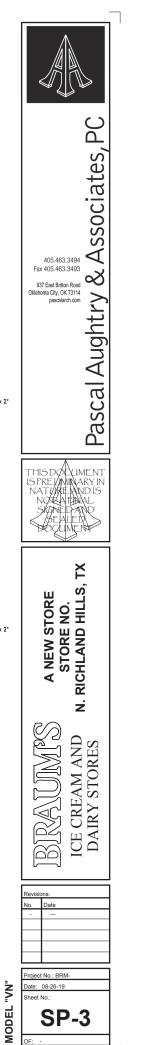




PRECAST CONCRETE CAP



DROP LATCH DETAIL J / SCALE: 3" - 1-0"



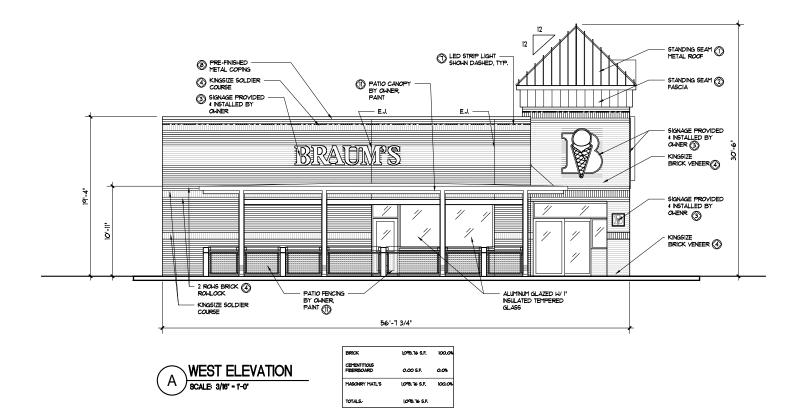
- TS 2"X2" STEEL, PAINT

- CANE HOLDING PIN RE: SP-3/K OFFSET HORIZ, FROM CANE

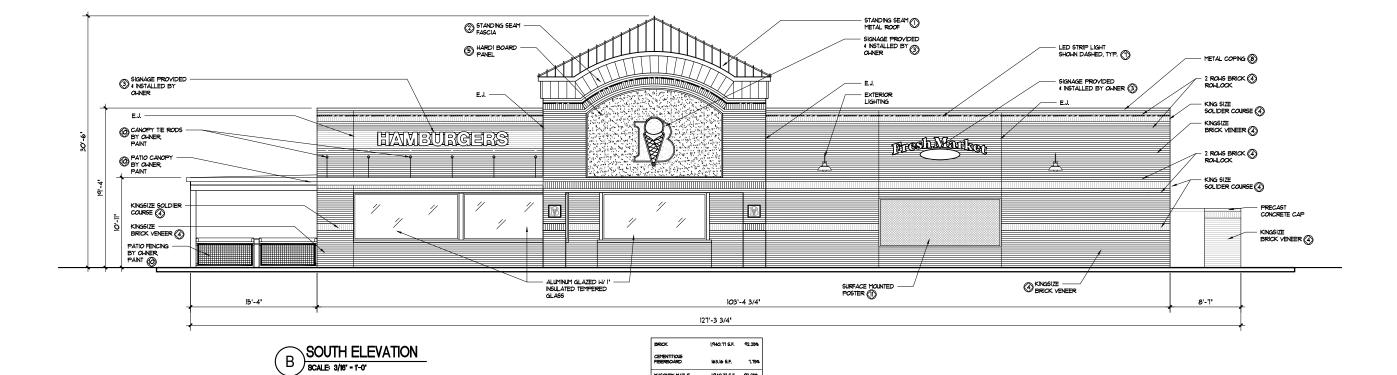
1/2" CANE BOLT AT EACH GATE

- FIELD DRILL 3/4' HOLE INTO CONCRETE PAVING

6' STEEL PIPE TO BOTTOM OF FOOTINGS, PAINT RE SP-3/J



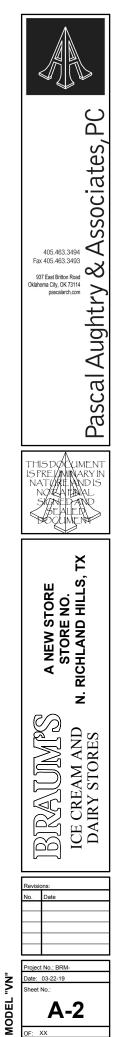
vo.	DESCRIPTION
1	STAND SEAM METAL ROOF AND FASCIA. 232C PINK LOCATE AT TOWER AND GABLE ROOFS
2	STANDING SEAM METAL AND FASCIA. 281C BLUE
3	SIGNAGE BY OWNER
4	KING SIZE BRICK VENEER
5	1/4' HARDI-BOARD STUCCO PANEL WITH IX HARDIE TRIM. PAINT TO MATCH FINISH 10.
6	SCHEDULED DOOR
٦	PINK LIGHT BAND, EXTEND TO NEW ENTRY TOWER
8	METAL COPING PAINT SHERVIN WILLIAMS, SW 1069 'IRON ORE'
9	PRE FINISHED METAL GUTTERS & DOWNSPOUTS. PMS 28/C BLUE
ю	PANT
11	SURFACE MOUNTED POSTER IN WEATHERPROOF FRAME, PROVIDED BY OWNER

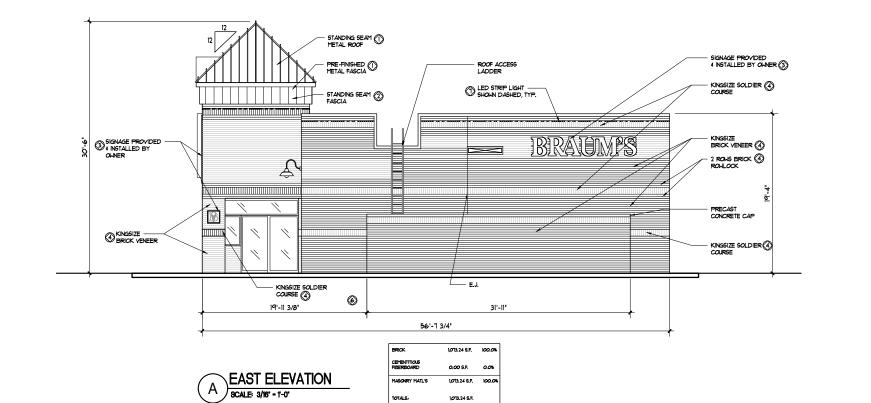


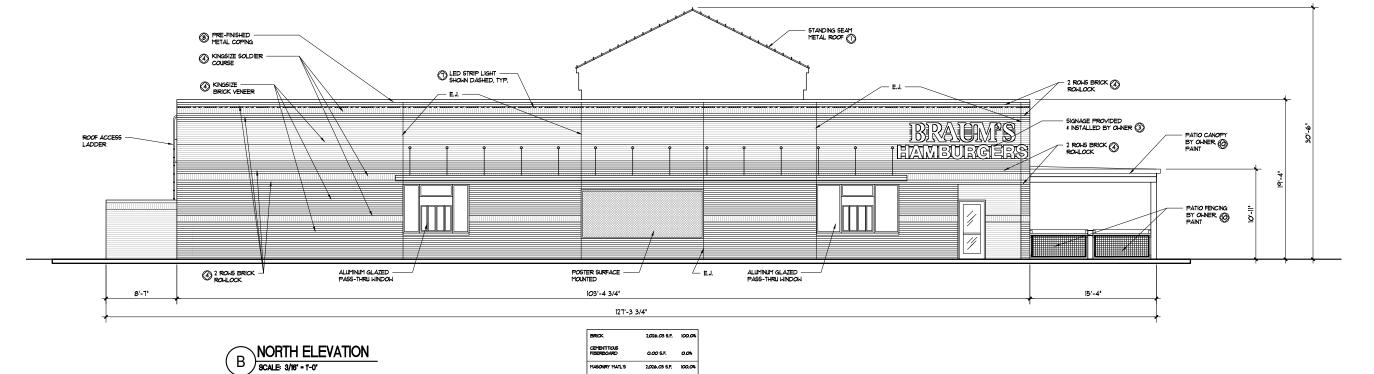
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MASONRY MATL'S TOTALS.

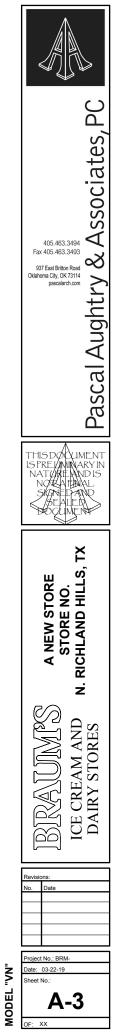


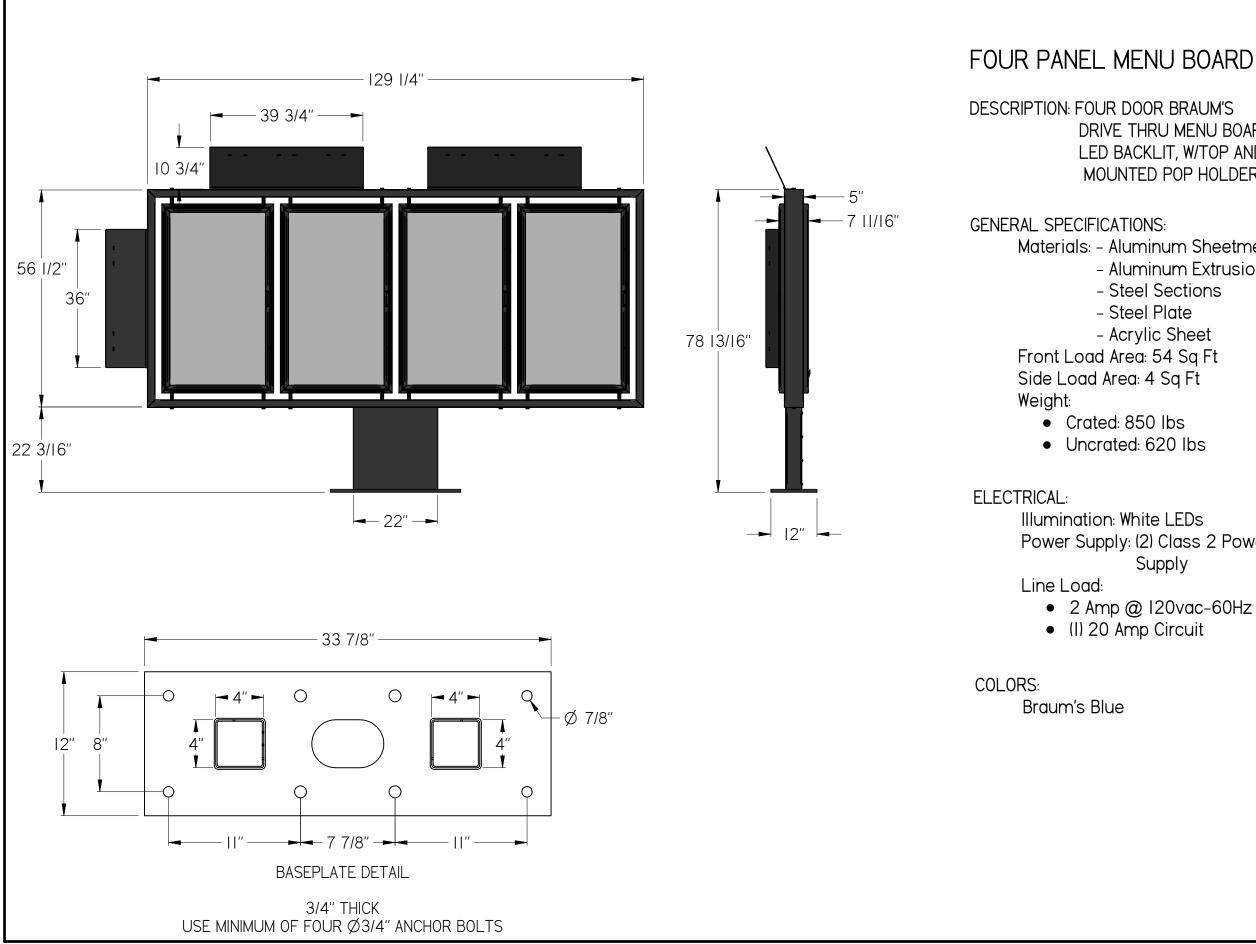




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TOTALS.



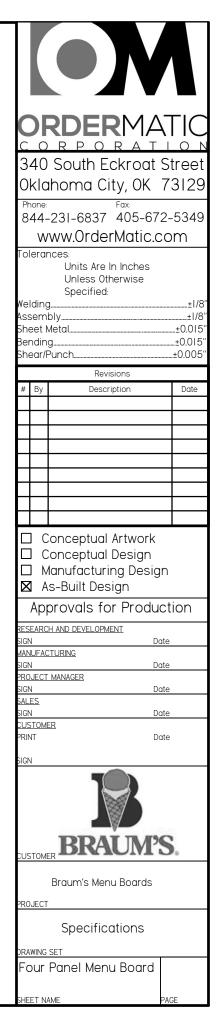


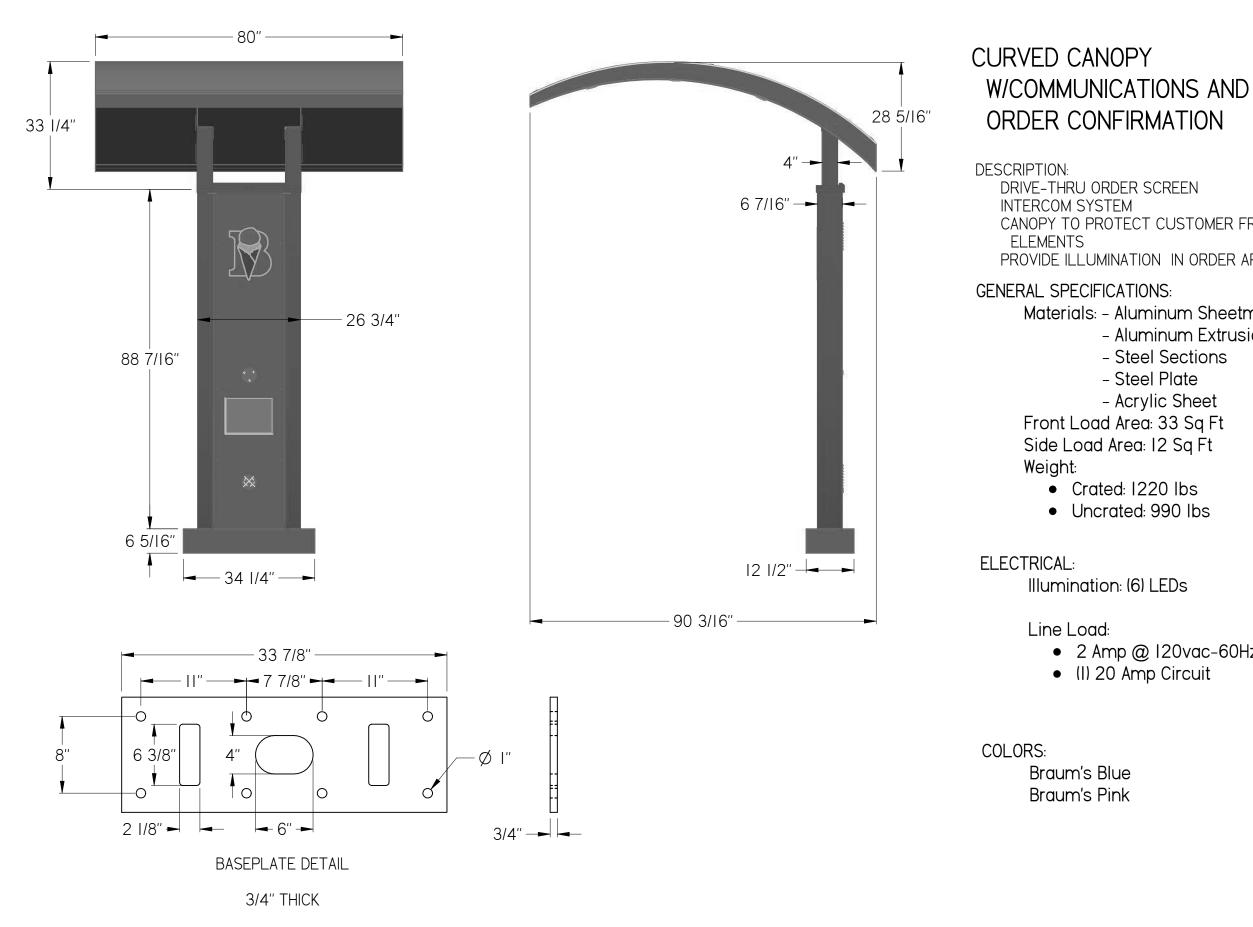
DRIVE THRU MENU BOARD, LED BACKLIT, W/TOP AND SIDE MOUNTED POP HOLDER

Materials: - Aluminum Sheetmetal - Aluminum Extrusions - Steel Sections - Acrylic Sheet

Power Supply: (2) Class 2 Power Supply

• 2 Amp @ 120vac-60Hz

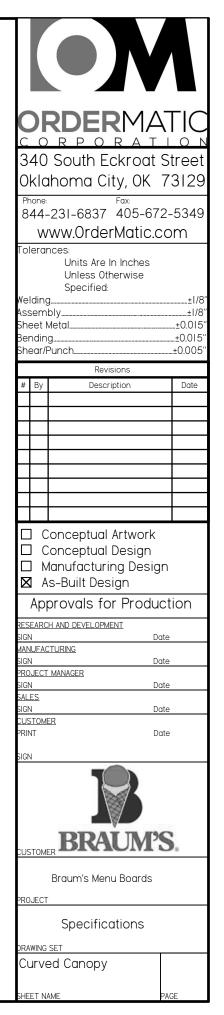


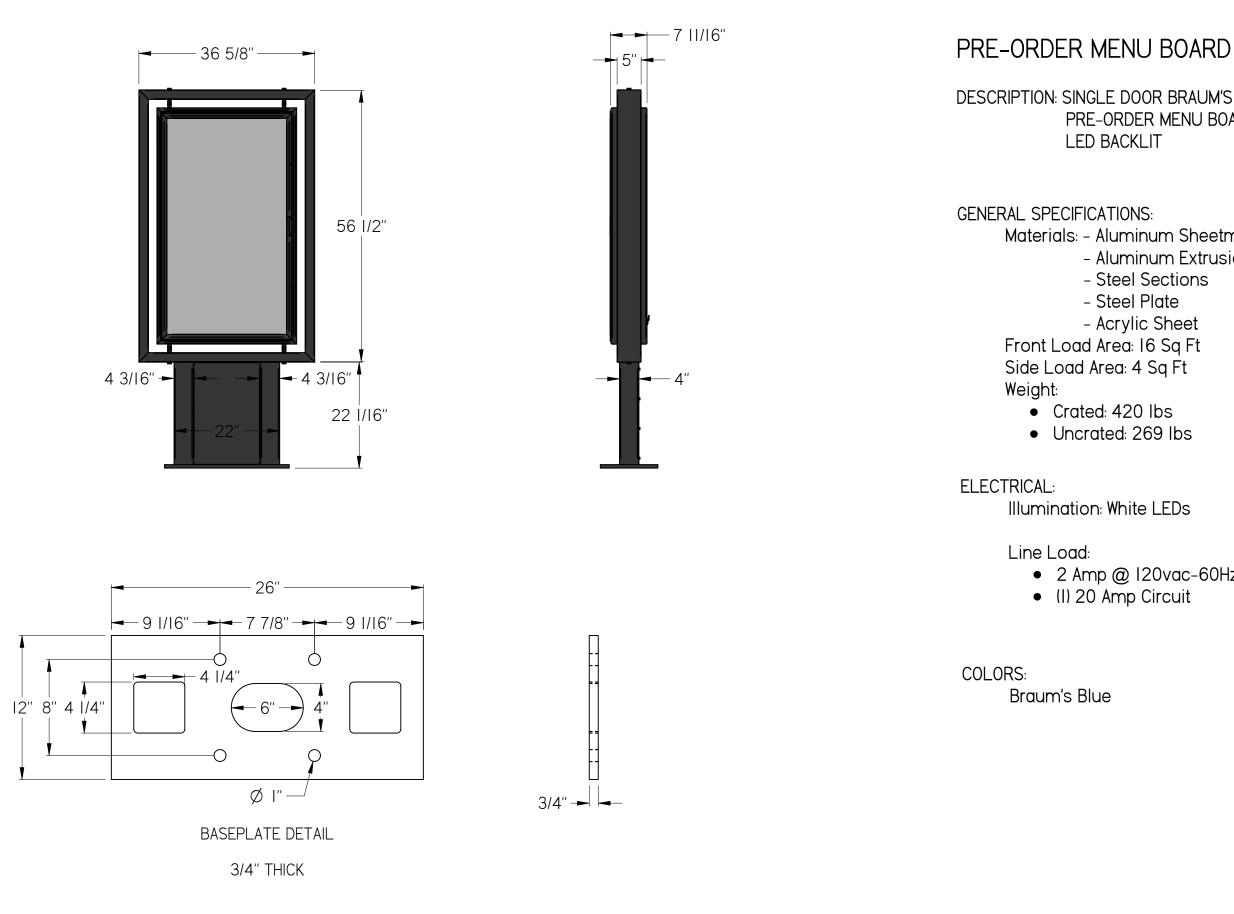


CANOPY TO PROTECT CUSTOMER FROM

PROVIDE ILLUMINATION IN ORDER AREA Materials: - Aluminum Sheetmetal - Aluminum Extrusions - Steel Sections - Steel Plate - Acrylic Sheet

• 2 Amp @ 120vac-60Hz

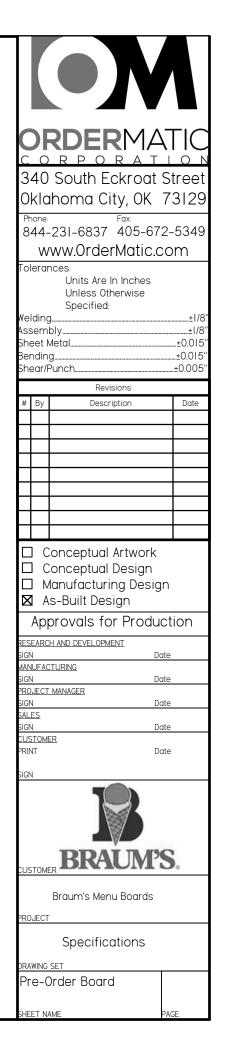




PRE-ORDER MENU BOARD,

Materials: - Aluminum Sheetmetal - Aluminum Extrusions - Steel Sections - Acrylic Sheet

• 2 Amp @ 120vac-60Hz



0.2 0.2 0.3 0.3 0.4 0.6 0.9 04 0.7 0.7 1.3 1.3 1.7 1.8 0.5 •1.0 32 3.9 2.1 2.1 2.9 3.1 2.3 0.5 •3.0 6.7 4.2 3.7 2.4 46 / 6.2 /54 3.8 Luminaire Schedule 2.0 0 2.9 • 3.9 8.9 3.7 **2**.4 Symbol Qty Label Lumens/Lamp Arrangement LLF Description 0.5 8.0 8.9 9.6 4.6 18 N.A. SINGLE 0.900 LSMT-4-C-X-T3-F-FOUR BRICK TYPE 3 1400MA LED 1.1 3.6 8.1 8.9 /•10.1 10.3 10.5 10.9 A 7,9 5.1 2.6 1.6 1.1 0.6 • 0.4 N.A. SINGLE 0.900 LHMWP-1-C-M-T4-C-ONE BRICK TYPE 4 700MA LED WALL PACK 2.0 4.5 9.8 9,8 9.8 11.1 12.9 11.0 9.3 8.7 6.4 3.4 1.8 1.0 0.6 0.3 0.2 Calculation Summary Label CalcType Units Avg Max Min Avg/Min 9.3 9.1 8.3 6.9 • 1.0 2.8 62 67 10.6 10.2 10 1 9.6 10.9 10.9 30 0.8 0.4 0.2 0.3 0.3 17.4 0.1 48.50 SITE Illuminance Fc 4.85 8.6 10.7 7.0 4.1 17.4 2.3 19 11.5 11.4 10 1 87 /8.3 8.4 10.8 8.7 **0**.4 0.5 0.5 PARKING AND DRIVE 8.77 3.81 0.6 Illuminance Fc 5.2 4.1 2.3 0.5 . . 118 7.3 67 20 12.2/ 127 10.4 84 1.3 /a 1 Luminaire Location Summary LumNo Label V.4.3 Z-lumin •10.1 •10.5 3.9 °.6 1.0 2.7 5.7 /12.4 11.4 9.7 A.0 7.0 ×6.0/ 4.9 3.8 1.9 2.3 2.4 1 A 28 0.3 0.5 1.0 4.1 9.7 10.4 10.3 9.7 *8.A 7.5 6.8 / 5.8 6.1 **4**.8 2.3 3.6 3.6 2.9 2.1 61 28 2 A 3 A 28 0.2 0.5 3.0 5.6 7.9 9.2 9.7 9.1 8.4 •7.7 •7.3 •6.6 •5.6 7.2 •5.5 5.0 4.1 2.4 28 4 A 5 28 A •7.7 9.3 9.7 •7.ô 6.6 7.8 0.2 0.2 3.7 6.1 8,9 • 8.3 1.5 9.8 8.7 171 2.0 1.6 1.1 6 28 Α **0**.1 0.1 0.2 • 5.5 7.6 • 10.4 • 10.4 6,9 •4.7 6.8 **8**.8 1.9 1.2 • 0.8 • 0.4 34 9.3 • 10.9 8.5 • 5.9 9.5 9.9 **6**.8 0.2 7 28 Δ 8 B 9 0.1 0.1 N60°08'02'' 0.4 /10.7 • 13.0 11.8 **9**.8 **7**.9 6.7 •... 11.3 8.7 7.8 61 1.4 0.6 0.2 6.0 10.2 / 5.7 110 4.0 9 D 9 12.00, Ø3.4 10 9 0.1 1.0 1.7 2.8 5.4 8.5 11 3 .6 5.0 4.2 /11.2 112 10.7 8.9 7.7 5.8/ 2.9 4.6 / 60 178 97 97 91 6.0 4.4 3.1 / 17 0.2 0.1 7.0/ 11 0.1 0.2 0.3 4.7 6.0 5.0 4.5 °4,6 •<u>4</u> 9. **5**.9 • 5.7 4.2 0.5 0.9 2.3 • 3.4 •6.**\$**/ 9.8 11.2/ 10.5 / 9.8 8.7 8.1 7.3 3.5 6.9 7.8 8.4 8.0 2.8 0.5 0.2 0.2 0.3 6.4 5.6 5.1 4.6 4.1 3.6 4.6 5.0 •5.6 0.4 0.7 1.3 3.5 4.7 /10.3 104 9.8 9.2 8.3 . 61 6.7 73 71 5.9 × 4.1/ 2.5 • 0.2 • 186 204 7.4 0.4 0.6 1.0 4.5 11.2 9.9 7.2 6.1 5.8 **5**.4 **5**.4 •5/6 5,9 6.2 6.7 0.8 0.3 17 2.5 4.3 40 9.7 / 10.4/ 10.0/ 8.5 7.4 / 7.9 8.2 8.0 7.1 /5.3 1.34 0.2 **7**.9 9.2 /10.0 10.1 6.6 6.7 6.7 **7**.0 • 2.5 0.5 0.8 1.2 1.5 2.7 /10.0 • 10.0 8.5 **•**7.7 7.2 6.5 9.5 9.3 8.6 6.6/ 3,9 1.3 8.7 0.3 0.2 2.1 2.6 5.7 ≠10 °1.2∥ 9.7 11.3 9.9 9.1 4.5 2.7 0.9 1.1 1.3 1.5 1.7 2.9 . 92 9.8 9.8 7.6 8.0 9.6 110 0.6 7.8 :160:00 08'02'W / 🗞 11.3 10.5 6,5 3.6 1.0 • 1.0 40 10.1 .9 10.3 8.0 19.9 **9**1 20 3.9 6.0 • 5.4 / **4**.6 0.9 0.5 40 80 10.1 10.6 / •1 e// 113/ 12.6 300.5Q, 3.8 00 2.6 J 0.8 2.9 46 73 10.0 58 ·57 /15 0.8 Notes: 1.2 0.8 8.3 11.3 44 44 20 37 11.0 / 10.3 10 1 6.9 •// 1. Calculation at grade. 65 1.9 1.3 0.9 3.3 92 101 9.6 9.0 4.3 2. Based on 25' poles plus 3' AFG bases. 4.3 7.2 5.1 3.1 2.3 1.6 1.2 3.6 4.3 6.1 7.6 1/2 0.9 0.7 3. Building mnt 9' AFG. 0.9 4.8 3.2 • 1.8 ·2.2 ·3.0 2.8 2.9 4.1 0.8 0.6 1.8 2.2 1.7 0.7 1.2 1.7 1.7 0.9 0.4 0.7 0.3 0.3 0.3 1.0 0.8 •0 7 0.3 0.3 0.2 0.5 0.5 0.4 0.2 0.2 - DUE TO CHANGING LIGHTING ORDINANCES IT IS THE CONTRACTORS 0.3 0.2 0.2 0.2 0.2 0.2 0.1 RESPONSIBILITY TO SUBMIT THE SITE PHOTOMETRICS AND LUMINAIRE SPECS TO THE LOCAL INSPECTOR BEFORE ORDERING TO ENSURE 0.1 THIS PLAN COMPLIES WITH LOCAL LIGHTING ORDINACES. 0.1 - THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS. SCALE CHANGES IN ELECTRICAL SUPPLY, AREA GEOMETRY AND OBJECTS WITHIN THE LIGHTED AREA MAY PRODUCE ILLUMINATION VALUES DIFFERENT FROM THE PREDICTED RESULTS SHOWN ON THIS LAYOUT - THIS LAYOUT IS BASED ON .IES FILES THAT WERE LAB TESTED OR COMPUTER GENERATED. ACTUAL RESULTS MAY VARY.



2707 SATSUMA

DALLAS, TX 75229

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7.57	

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Project:

BRAUMS **ICE CREAM** STORE **DAVIS & TARRANT**

Notes:

FILE:

brm-davis-tarrant3.agi

Date:

8-28-19