

INDEX OF DRAWINGS

	GENERAL
G0.01	PROJECT INFORMATION & DRAWING INDEX
G0.02	SYMBOLS, ABBREVIATIONS AND DEFINITIONS
G0.03	ACCESSIBILITY NOTES & DETAILS
G0.04	ACCESSIBILITY NOTES & DETAILS
G0.05	ACCESSIBILITY NOTES & DETAILS
G0.06	WALL TYPES

	CIVIL
SP	SITE PLAN

	ARCHITECTURE
A1.02	LIFE SAFETY PLAN
A2.01	BUILDING PLAN
A2.02	ROOF PLAN
A2.03	REFLECTED CEILING PLAN
A3.01	BUILDING ELEVATIONS
A3.02	BUILDING ELEVATIONS
A3.03	DUMPSTER ENCLOSURE
A4.01	BUILDING SECTIONS
A5.01	WALL SECTIONS
A5.02	WALL SECTIONS
A5.03	WALL SECTIONS
A5.04	DETAILS
A5.05	DETAILS
A5.06	DETAILS
A5.07	DETAILS
A5.08	DETAILS
A5.09	DETAILS
A5.20	WINDOW & DOOR TYPE & SCHEDULES

	STRUCTURE
S-1.0	GENERAL NOTES
S-1.1	GENERAL NOTES
S-1.2	GENERAL NOTES
S-2.1	FOUNDATION PLAN
S-2.2	CANOPY SUPPORT FRAMING PLAN
S-2.3	ROOF FRAMING PLAN
S-2.4	TOWER ROOF FRAMING PLAN
S-3.1	TYPICAL FOUNDATION DETAILS
S-3.2	TYPICAL FOUNDATION DETAILS
S-3.3	TYPICAL FOUNDATION DETAILS
S-3.4	TYPICAL FOUNDATION DETAILS
S-4.1	TYPICAL FOUNDATION DETAILS
S-4.2	STEEL FRAME DETAILS
S-5.1	ROOF DETAILS
S-5.2	ROOF DETAILS
S-7.1	BRACE ELEVATIONS AND DETAILS

	ELECTRICAL
ES01	SITE POWER PLAN
EL01	LIGHT SHELL
E04	ELECTRICAL SCHEDULE & RISER DIAGRAM

	PLUMBING
P01	PLUMBING SITE
P04	PLUMBING SCHEDULE & RISER DIAGRAM
P05	PLUMBING DETAILS
P06	PLUMBING DETAILS

	LANDSCAPE
L.2	LANDSCAPE PLAN
L.3	LANDSCAPE SPECIFICATIONS

HANA RETAIL / RESTAURANT

SHELL ONLY
1965 UNIVERSITY DRIVE
FRISCO, TEXAS 75033

ISSUE FOR PERMIT 08/02/2024

PROJECT INFORMATION

PROJECT SUMMARY

LOCATION: 1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

SITE ACREAGE: 46, 096 SQUARE FEET (1.06 ACRES)
ZONING: R-RETAIL
PROPOSED USE: RETAIL/RESTAURANT

OWNER:
D FANG, LLC
15480 CALVERT DRIVE, FRISCO, TEXAS 75035
CONTACT: ALMA SUN
PHONE: 972-689-0681

CIVIL ENGINEER
TRIANGLE ENGINEERING LLC
1782 W. McDERMOTT DRIVE, ALLEN, TEXAS 75013
CONTACT: KIEW KAM, P.E.
PHONE: 469-213-2268

ARCHITECT
TWZ ARCHITECTS LLC.
2029 STONEMONT CT., ALLEN, TEXAS 75013
CONTACT: JUNYANG TANG, AIA, LEED AP
PHONE: 469-450-4163

SURVEYER:
TRAVERSE LAND SURVEYING LLC
14200 MIDWAY ROAD, SUITE 130, DALLAS, TEXAS 75224
CONTACT: GRAYSON CEBALLOS
PHONE: 469-784-9321

DEVELOPMENT SYNOPSIS:
RESTAURANT BUILDING AREA: 4,996 SQ. FT.
OFFICE BUILDING AREA: 799 SQ. FT.
RISER ROOM AREA: 54 SQ. FT.
TOTAL BUILDING AREA: 5,849 SQ. FT.
BUILDING HEIGHT: (# STORIES): 1
BUILDING HEIGHT: 34.75 FT.
LOT COVERAGE 11.00%
FLOOR AREA RATIO: 0.11

PARKING SPACE REQ:
PARKING REQUIRED: 47 (SEE CIVIL DRAWINGS AND
SUBMISSION FOR MORE DETAILS)
PARKING PROVIDED: 47 (INCLUDING 8 OFFSITE PARKING)
HANDICAP PARKING REQUIRED: 2 (1 VAN ACCESSIBLE)
HANDICAP PARKING PROVIDED: 2 (1 VAN ACCESSIBLE)

TDLR#: TABS2024024605

CODE ANALYSIS

CONSTRUCTION TYPE: V-B
NFPA 13 SPRINKLER IN ACCORDANCE WITH 2021 IBC SECTION 903.3.1.1

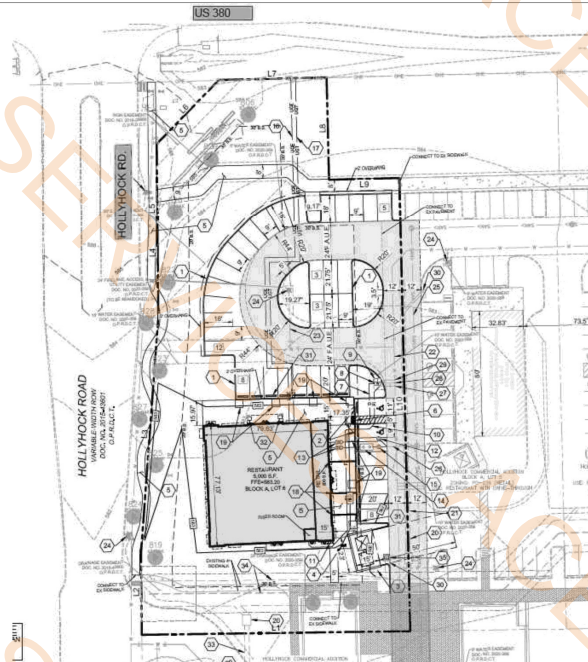
ALLOWABLE TABULAR BUILDING HEIGHT: 40'
HEIGHT INCREASE DUE TO SPRINKLER PROTECTION FOR BUILDING = 20'
ALLOWABLE BUILDING HEIGHT: 40' + 20' = 60'
PROJECTED ROOF ELEVATION IS 34.75' < 60'

RESTAURANT: OCCUPANCY GROUP A-2
AREA INCREASE DUE TO SPRINKLER PROTECTION = 18,000 SF
ALLOWABLE AREA PER FLOOR = 6,000 SF + 18,000 SF = 24,000 SF
BUILDING AREA: 4,996 SF < ALLOWABLE AREA 24,000 SF
TOTAL BUILDING AREA: 5,849 SF < ALLOWABLE AREA 24,000 SF
(NON-SEPARATED)

APPLICABLE CODE:
2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL PLUMBING CODE
2023 NATIONAL ELECTRICAL CODE
2021 INTERNATIONAL FIRE CODE
TEXAS ACCESSIBILITY STANDARD
TEXAS ARCHITECTURAL BARRIERS ACT ARTICLE 9102, TEXAS
CIVIL STATUS
2021 IECC
ASHRAE 90.1-2019

GENERAL NOTES

- A. THE CONTRACT SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
- B. ANY EXISTING UTILITIES TO BE ABANDONED SHALL BE PROPERLY DISCONNECTED, PLUGGED OR CAPPED, AS REQUIRED BY CODE OR SOUND CONSTRUCTION PRACTICE.
- C. THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. ADDITIONAL DATA SHALL BE FROM THE ARCHITECT THROUGH WRITTEN CLARIFICATION ONLY. VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS BEFORE PROCEEDING WITH ANY PORTION OF ANY WORK.
- D. NO CHANGES, MODIFICATIONS OR DEVIATIONS SHALL BE MADE FROM THE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURE WRITTEN PERMISSION FROM THE ARCHITECT.
- E. WHERE LACK OF INFORMATION, OR ANY DISCREPANCY SHOULD APPEAR IN THE DRAWINGS OR SPECIFICATIONS, REQUEST WRITTEN INTERPRETATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- F. ALL WORK AS OUTLINED IN THESE DOCUMENTS, SHALL STRICTLY CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, THE EVENT OF A CONFLICT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN AND BE MET.
- G. THE CONTRACTOR SHALL PAY FOR ALL FEES, PERMITS, LICENSES, ETC., NECESSARY FOR PROPER COMPLETION OF THE WORK.
- H. CONTRACTOR SHALL BE FAMILIAR WITH THE JOB SITE AND UTILITY LOCATION AND THE LACK OF SPECIFIC INFORMATION ON THE DRAWING SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY.
- I. CONTRACTOR SHALL ACQUAINT WITH THE CONSTRUCTION DETAILS BEFORE SUBMITTING HIS BID AS NO ALLOWANCE WILL BE MADE BECAUSE OF CONTRACTOR'S UNFAMILIARITY W/THSE DETAILS.
- J. WHEN A SYSTEM OR ASSEMBLY IS CALLED OUT FOR, ALL NECESSARY PARTS AND MATERIALS REQUIRED FOR A COMPLETE INSTALLATION/SYSTEM SHALL BE AND INSTALLED ACCORDING TO THE MANUFACTURES INSTRUCTIONS.
- K. UNLESS OTHERWISE NOTED, ELECTRICAL CONDUITS, PLUMBING LINES, ETC., SHALL BE RUN CONCEALED AND FRAMING SHALL BE ADEQUATE SIZE TO ACCOMPLISH RESULT WITHOUT CAUSING ANY CHANGES IN THE WALL PLANE.
- L. COORDINATE WITH ALL TRADES THE LOCATIONS OF SLEEVES OR OTHER PRESET ACCESSORIES INVOLVING OTHER TRADES.
- M. IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO DEFINE A COMPLETE FINISHED FACILITY. ANY MATERIAL, SYSTEM, EQUIPMENTS OR ASSEMBLY WHICH NORMALLY WOULD BE REQUIRED SHALL BE PROVIDED.
- N. DISRUPTED EXISTING CONDITIONS I.E. LANDSCAPING, LIGHTING, IRRIGATION, PEDESTRAIN AND VEHICLE ACCESS SHOULD BE MINIMALLY REPLACED AT THE END OF CONSTRUCTION TO THE SAME CONDITIONS PRIOR TO CONSTRUCTION DISRUPTION.
- O. DISRUPTED ELECTRICAL AND WATER LINES RE-ROUTED DURING PROJECT CONSTRUCTION ARE TO REMAIN IN CONTINUOUS SERVICE.
- P. WHEN WORK IS NOT CALLED OUT AS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER AND BE OF THE BEST MATERIALS AND WORKMANSHIP.



TWZ ARCHITECTS LLC.
2029 Stonemont Ct.
Allen, TX 75013
T: 469-450-4163

ISSUES

1 2024.08.02 ISSUE FOR PERMIT

REVISIONS



Date of issue: 08/02/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

PROJECT INFORMATION & DRAWING INDEX

JOB 23016
DATE 08/02/2024
SHEET

G 0.01

- GENERAL NOTES**
1. ALL DIMENSIONS ARE TO BE CHECKED PRIOR TO WORKS ON SITE
 2. ARCHITECT MUST BE INFORMED ABOUT ALL DIMENSION IMPRECISION
 3. REFER TO THE FINISH SCHEDULE AND DETAILS FOR APPLIED FINISHES
 4. ALL DIMENSIONS TO FACE OF STUD. FOR EXTERIOR WALL TO THE FACE OF MASONRY WALLS.
 5. REFER STRUCTURE FOUNDATION PLAN FOR THE EDGE OF THE FOUNDATION.

TWZ

TWZ ARCHITECTS LLC.

TWZ ARCHITECTS LLC.
2029 Stonemont Ct.
Allen, TX 75013
T: 469-450-4163

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS

1	2024.08.29	ADDENDUM 1 PER CITY COMMENTS



Date of issue: 08/02/2024

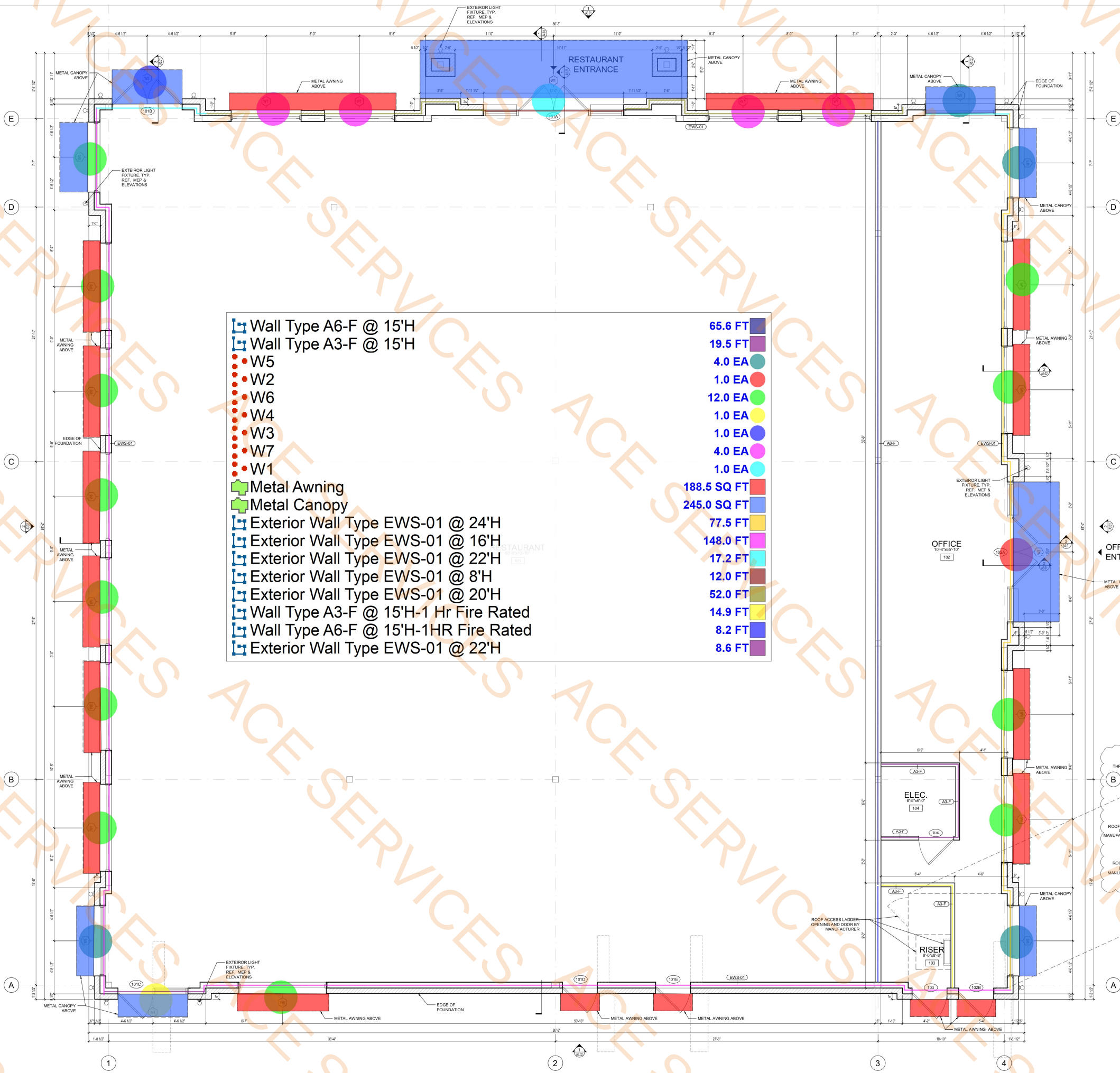
HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

BUILDING PLAN

JOB 23016
DATE 08/02/2024
SHEET

A 2.01



GENERAL NOTES

1. ALL DIMENSIONS ARE TO BE CHECKED PRIOR TO WORKS ON SITE

2. ARCHITECT MUST BE INFORMED ABOUT ALL DIMENSION IMPRECISION

3. REFER TO THE FINISH SCHEDULE AND DETAILS FOR APPLIED FINISHES

4. ROOF MATERIAL USE TPO ROOFING SYSTEM

TWZ

TWZ ARCHITECTS LLC.
2029 Stonemont Ct.
Allen, TX 75013
T: 469-450-4163

ISSUES	
1	2024.08.02 ISSUE FOR PERMIT
2	
3	
4	
5	
6	
7	

TPO Roofing System

4"W Roof Gutter

Corrugated Metal Panel

Parapet Wall @ 5'H

Downspout @ 9'H

Downspout @ 17'H

Roof Cricket

4" HDPE Drain

Downspouts @ 16'H

Downspout @ 10'H

5032.1 SQ FT

74.0 FT

944.0 SQ FT

184.4 FT

2.0 EA

2.0 EA

90.3 SQ FT

6.0 EA

6.0 EA

3.0 EA

NS



Date of issue: 08/02/2024

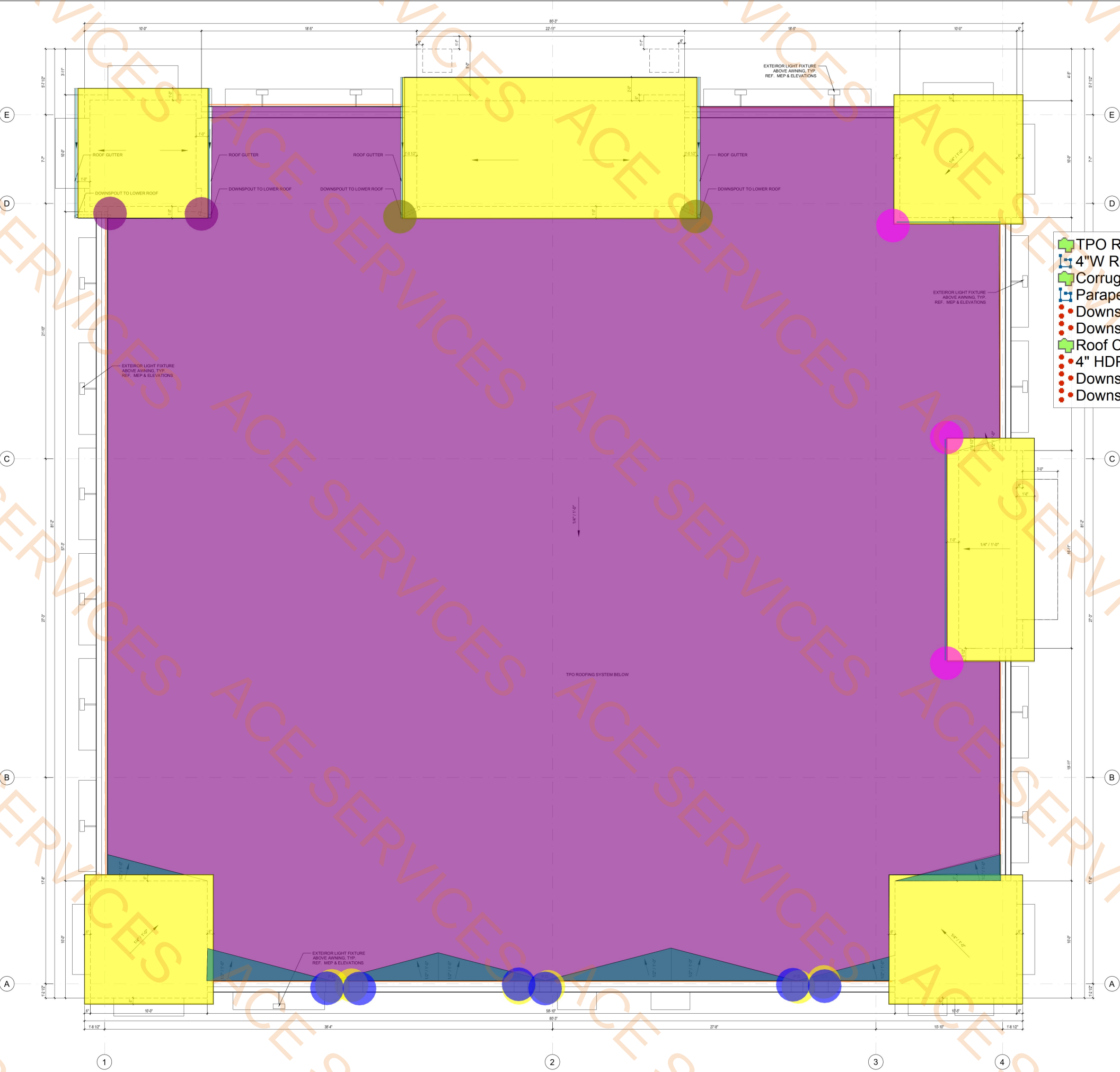
HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

ROOF PLAN

JOB 23016
DATE 08/02/2024
SHEET

A 2.02

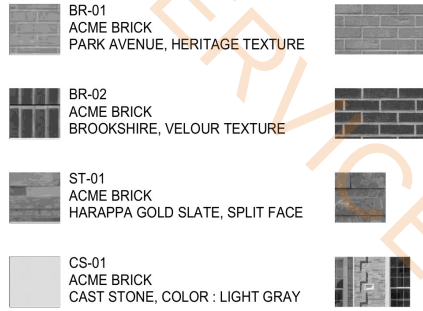


1 ROOF PLAN
1/4" = 1'-0"

- Brick Veneer BR-01
- Brick Soldier BR-02
- Stone Veneer ST-01
- Cast Stone CS-01

1032.0 SQ FT
411.6 SQ FT
975.5 SQ FT
60.3 SQ FT

FINISH MATERIAL KEY



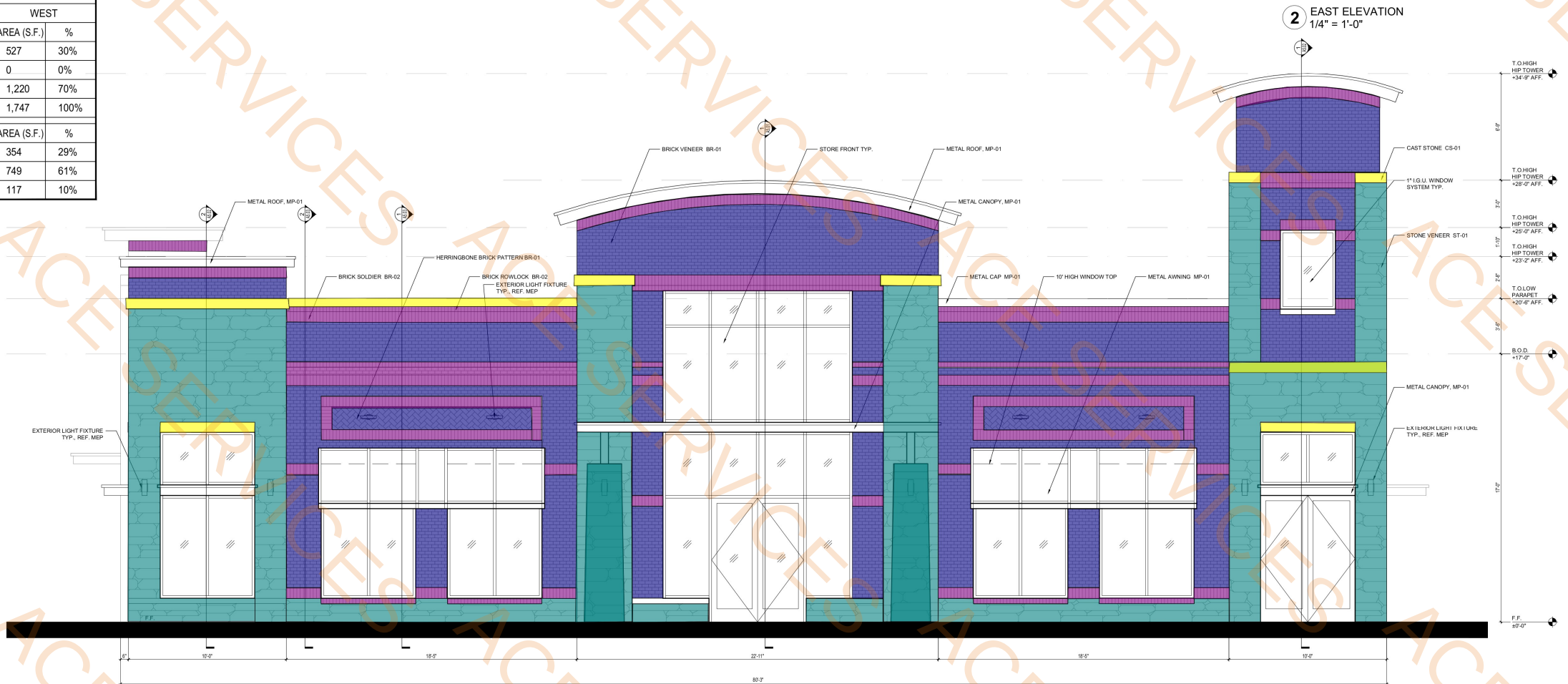
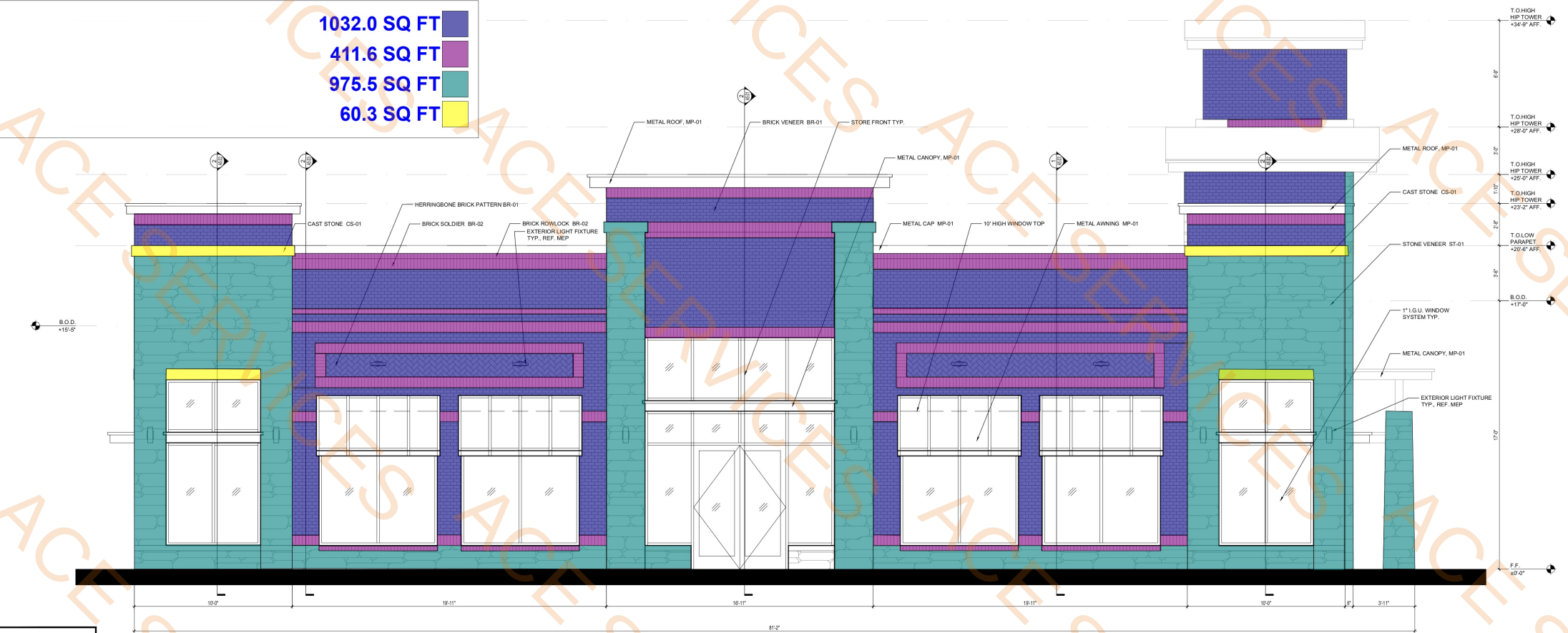
NOTE: BR-01 AND ST-01 ARE THE PRIMARY EXTERIOR MATERIALS TO BE SIMILAR AS THE EXISTING BUILDINGS IN THIS BLOCK AND RETAIL CENTER.

EXTERIOR FINISHES CALCULATIONS

	NORTH		EAST		SOUTH		WEST	
	AREA (S.F.)	%	AREA (S.F.)	%	AREA (S.F.)	%	AREA (S.F.)	%
WINDOWS	584	30%	532	31%	169	10%	527	30%
DOORS	0	0%	0	0%	42	3%	0	0%
AREA CXCL. OF DRS & WINS	1,368	70%	1,165	69%	1,469	87%	1,220	70%
TOTAL FACADE AREA	1,952	100%	1,697	100%	1,680	100%	1,747	100%
PRIMARY MATERIAL	AREA (S.F.)	%	AREA (S.F.)	%	AREA (S.F.)	%	AREA (S.F.)	%
STONE	492	36%	450	39%	370	25%	354	29%
BRICK	754	55%	615	53%	1,011	69%	749	61%
METAL	122	9%	100	8%	88	6%	117	10%

TYPICAL EXTERIOR ELEVATIONS NOTES

- ALL VENEER BASE ARE TO HAVE RECEIVED THEIR CLEAR WATER REPELLENT COATING PRIOR TO INSTALLATION OF ALL SHEET METAL WORK, WALL ATTACHED STEEL ITEMS, ANCHORS AND ALL WALL MOUNTED UTILITIES.
- ALL ELEV. HEIGHTS ARE FROM REFERENCE ELEVATION POINT (0'-0").
- ALL EXPOSED STEEL ANGLES AT ALL ELEVATIONS FACADES TO BE GALV. AND PAINTED. (3 COATS) ARCHITECT TO DETERMINE COLOR IN FIELD.
- ALL EXPOSED UTILITIES METALS ON BUILDING ARE TO BE (3) COAT PAINTED TO MATCH WALL COLOR. REFER MATERIAL SCHEDULE.
- "C.J." INDICATES A MASONRY OR EIFS CONTROL JOINT. PROVIDE AT PANEL JOINTS, TYP.
- AT LOCATIONS WHERE EIFS SYSTEM IS THE ACTUAL COPING, PROVIDE SPECIAL REINFORCEMENT ON ALL TOPS OF COPING SURFACES.
- ALL FUTURE SIGN LOCATIONS AND REQUIRED PLYWOOD WALL AREA TO BE COORDINATED W/ TENANT PRIOR TO INSTALLATION.



TWZ

TWZ ARCHITECTS LLC.

TWZ ARCHITECTS LLC.
2029 Stonemont Ct.
Allen, TX 75013
T: 469-450-4163

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS



Date of issue: 08/02/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

BUILDING ELEVATIONS

JOB 23016
DATE 08/02/2024
SHEET

A 3.01



TWZ ARCHITECTS LLC.

TWZ ARCHITECTS LLC.
2029 Stonemont Ct.
Allen, TX 75013
T: 469-450-4163

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS



Date of issue: 08/02/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

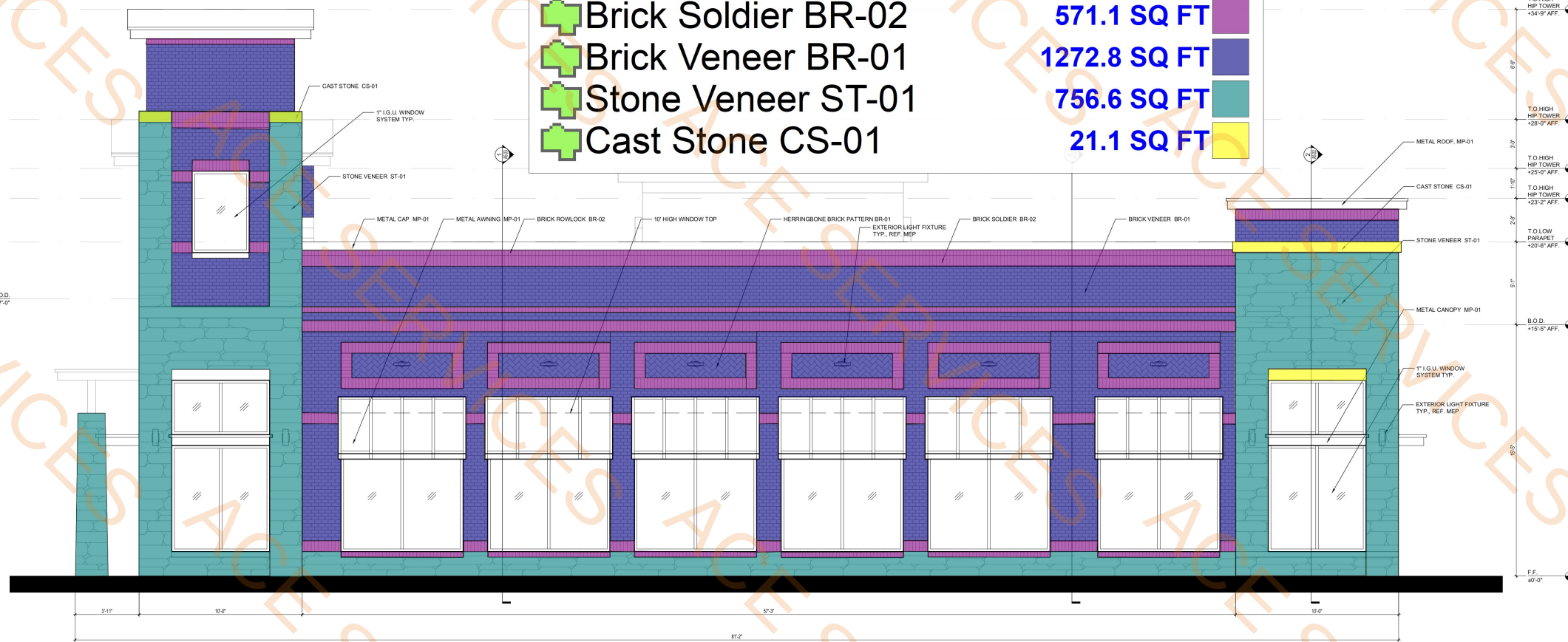
BUILDING ELEVATIONS

JOB 23016
DATE 08/02/2024
SHEET

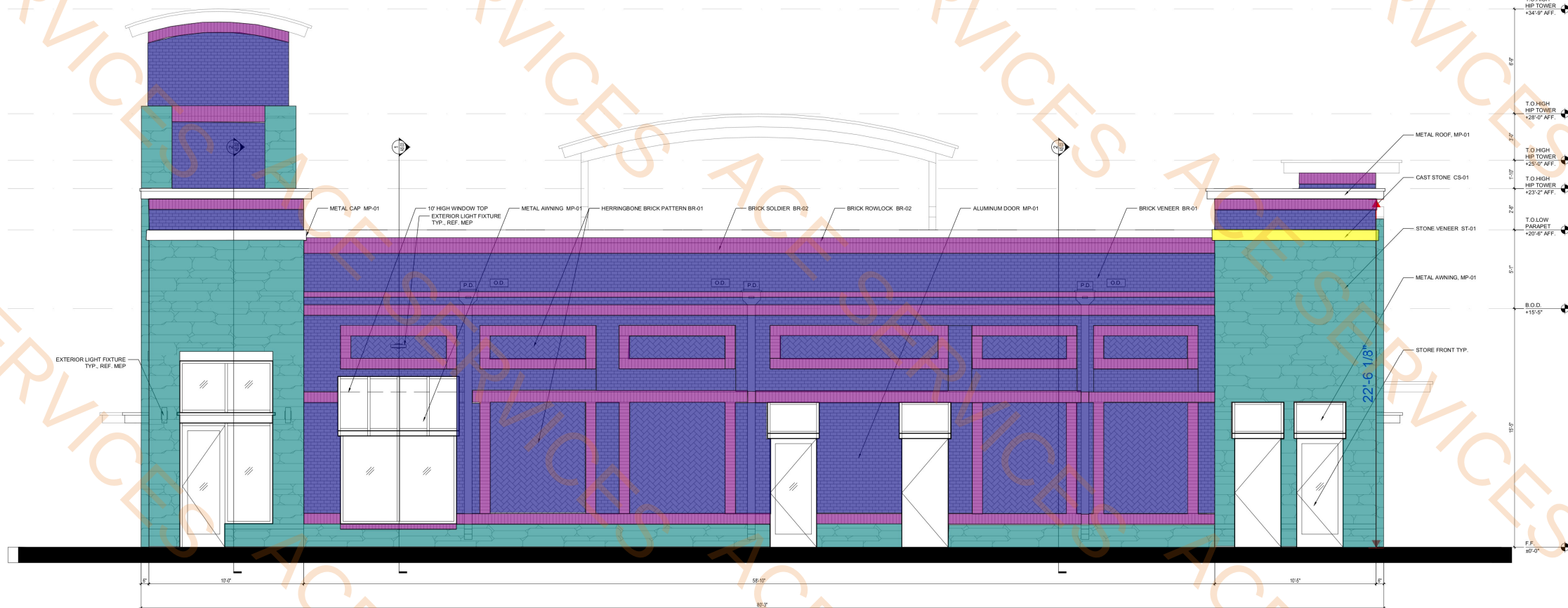
A 3.02

- Brick Soldier BR-02
- Brick Veneer BR-01
- Stone Veneer ST-01
- Cast Stone CS-01

571.1 SQ FT
1272.8 SQ FT
756.6 SQ FT
21.1 SQ FT



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



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



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972.908.8558

Amoi Group

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS

1	2024.08.29	ADDENDUM 1 PER CITY COMMENTS.
2		
3		
4		
5		
6		
7		
8		
9		
10		



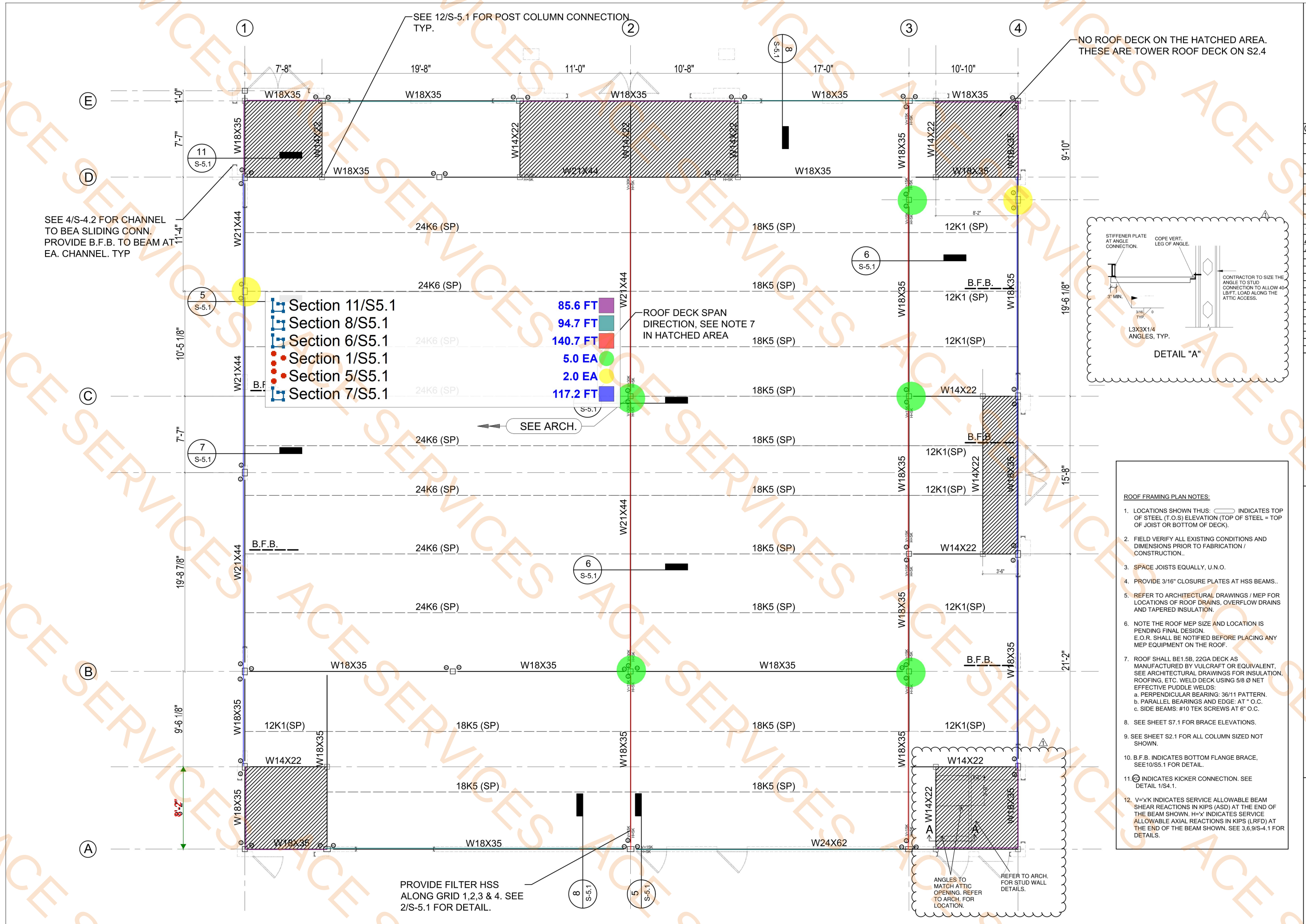
HANA RETAIL / RESTAURANT

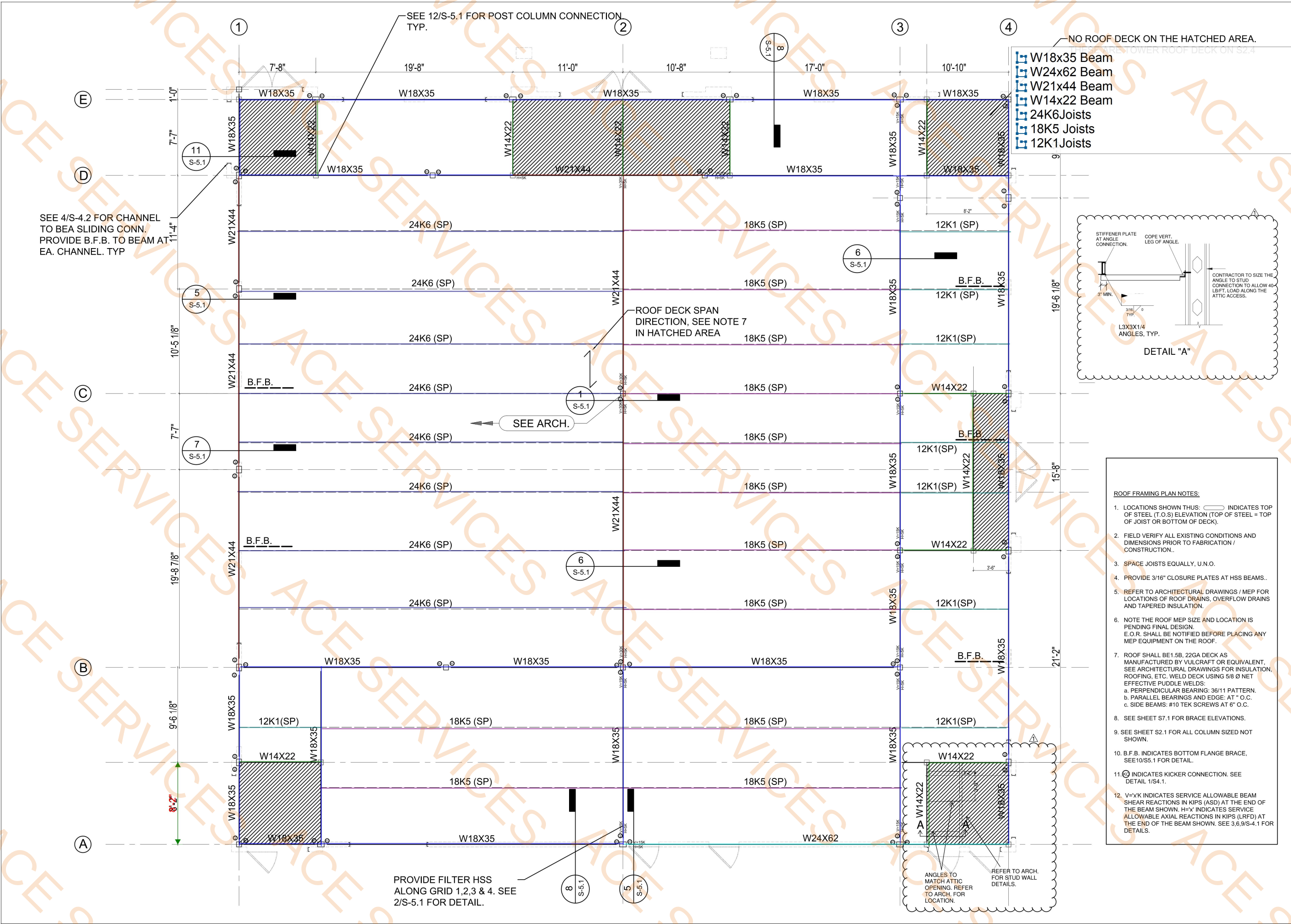
1665 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

ROOF FRAMING PLAN

JOB
DATE 08/02/2024
SHEET

S 2.3





447.4 FT

38.4 FT

117.5 FT

100.0 FT

307.2 FT

336.6 FT

83.9 FT

STE 800

MIT

REVISIONS	
1	2024.08.29 ADDENDUM 1 PER CITY COMMENTS.

STATE OF TEXAS

JUN ZHANG

140417

PROFESSIONAL ENGINEER

08/20/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

ROOF FRAMING PLAN

JOB
DATE 08/02/2024
SHEET
S 2.3

BE1.5B Deck 22GA

5206.1 SQ FT



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972.908.5558

Amoi Group

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		

REVISIONS

1	2024.08.29	ADDENDUM 1 PER CITY COMMENTS.
2		
3		
4		
5		
6		
7		
8		
9		



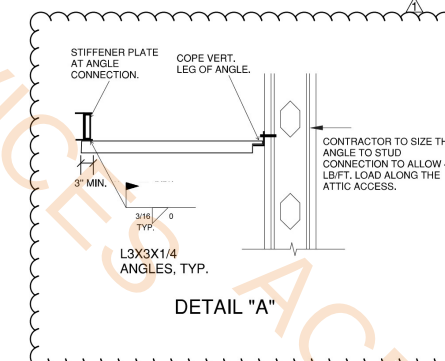
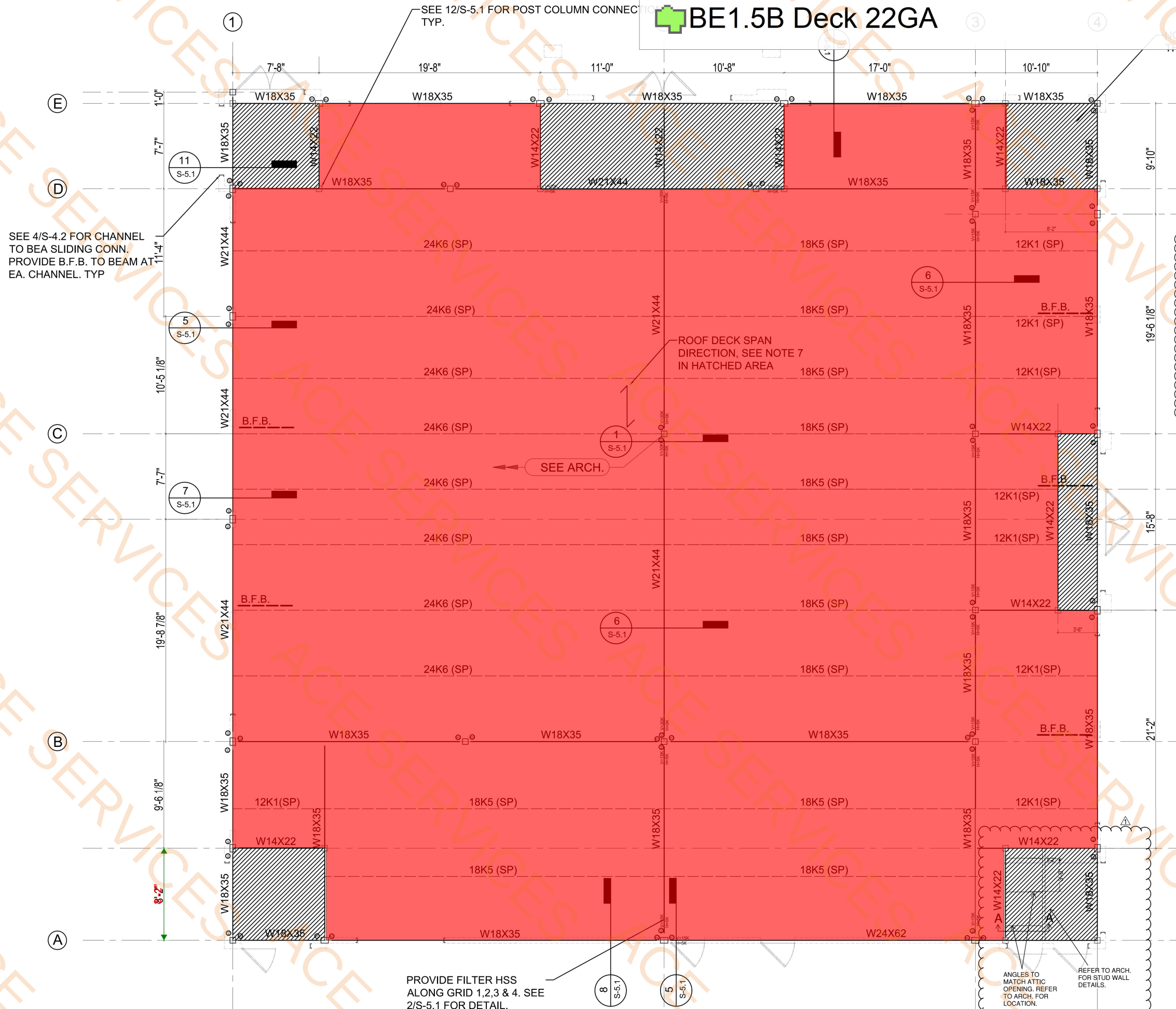
HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

ROOF FRAMING PLAN

JOB
DATE 08/02/2024
SHEET

S 2.3



- ROOF FRAMING PLAN NOTES:**
- LOCATIONS SHOWN THUS: INDICATES TOP OF STEEL (T.O.S.) ELEVATION (TOP OF STEEL = TOP OF JOIST OR BOTTOM OF DECK).
 - FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION / CONSTRUCTION.
 - SPACE JOISTS EQUALLY, U.N.O.
 - PROVIDE 3/16" CLOSURE PLATES AT HSS BEAMS.
 - REFER TO ARCHITECTURAL DRAWINGS / MEP FOR LOCATIONS OF ROOF DRAINS, OVERFLOW DRAINS AND TAPERED INSULATION.
 - NOTE THE ROOF MEP SIZE AND LOCATION IS PENDING FINAL DESIGN. E.O.R. SHALL BE NOTIFIED BEFORE PLACING ANY MEP EQUIPMENT ON THE ROOF.
 - ROOF SHALL BE 1.5B, 22GA DECK AS MANUFACTURED BY VULCRAFT OR EQUIVALENT. SEE ARCHITECTURAL DRAWINGS FOR INSULATION, ROOFING, ETC. WELD DECK USING 5/8" NET EFFECTIVE PUDDLE WELDS:
 - PERPENDICULAR BEARING: 36/11 PATTERN.
 - PARALLEL BEARINGS AND EDGE: AT "O.C.
 - SIDE BEAMS: #10 TEK SCREWS AT 6" O.C.
 - SEE SHEET S7.1 FOR BRACE ELEVATIONS.
 - SEE SHEET S2.1 FOR ALL COLUMN SIZED NOT SHOWN.
 - B.F.B. INDICATES BOTTOM FLANGE BRACE, SEE 10/S-5.1 FOR DETAIL.
 - INDICATES KICKER CONNECTION. SEE DETAIL 1/S-4.1.
 - V=x/K INDICATES SERVICE ALLOWABLE BEAM SHEAR REACTIONS IN KIPS (ASD) AT THE END OF THE BEAM SHOWN. H=x' INDICATES SERVICE ALLOWABLE AXIAL REACTIONS IN KIPS (LRFD) AT THE END OF THE BEAM SHOWN. SEE 3.6.9/S-4.1 FOR DETAILS.



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972.908.9558

Amoi Group

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS



08/02/2024

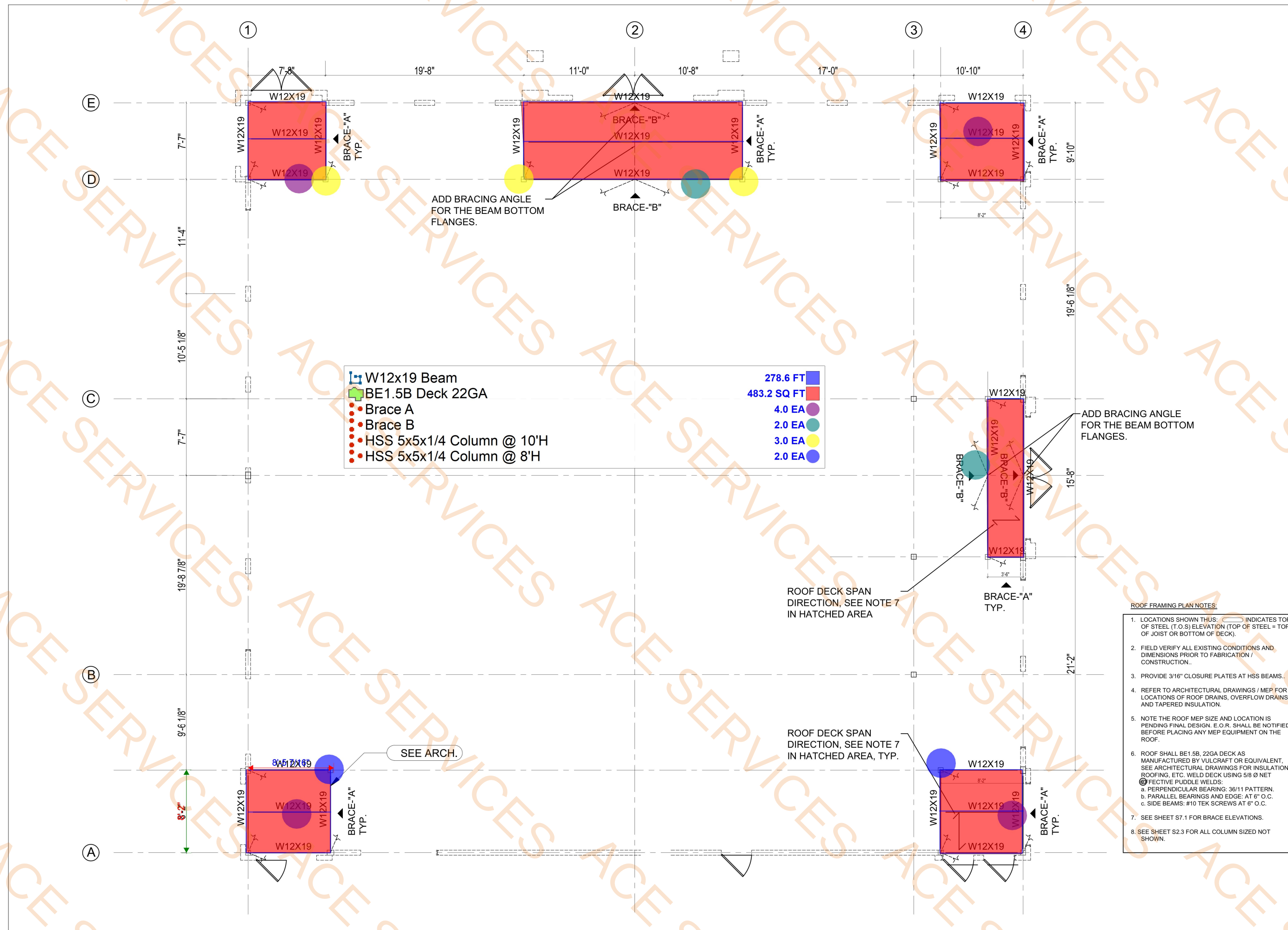
HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

TOWER ROOF FRAMING PLAN

JOB
DATE 08/02/2024
SHEET

S 2.4

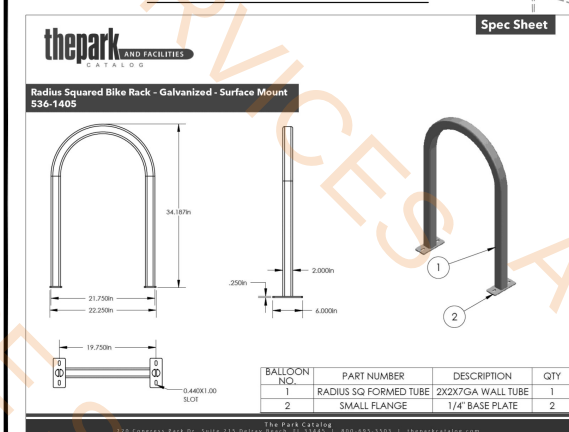


SITE PLAN CALLOUTS	
TAG	DESCRIPTION
1	TYPICAL CONCRETE CURB
2	TYPICAL HANDICAP SIGN
3	TYPICAL 8" HIGH MASONRY TRASH ENCLOSURE WITHOUT GATES. MATERIAL TO MATCH BUILDING EXTERIOR
4	2 BIKE RACKS (4 BIKES)
5	SIDEWALK
6	5' ADA FLARED RAMP
7	PROPOSED 2" DOMESTIC WATER LINE
8	CITY STD. 2" DOMESTIC WATER METER
9	CITY STD. 1" IRRIGATION METER
10	8" FIRE LINE (PRIVATE)
11	BUILDING-MOUNTED FDC
12	PROPOSED 6" SANITARY SEWER SINGLE CLEANOUT
13	PROPOSED 6" SANITARY SEWER DOUBLE CLEANOUT
14	GREASE TRAP (PRIVATE) (250-GAL MIN)
15	SAMPLE PORT
16	PROPOSED UNDERGROUND ELECTRIC LINE
17	PROPOSED UNDERGROUND TELEPHONE LINE
18	4" HDPE ROOF DRAINS
19	4"x4" TREE WELLS
20	EXISTING JUNCTION BOX W/ AS-2 MECHANICAL SEPARATOR
21	EXISTING 27" RCP
22	EXISTING 12" WATER MAIN
23	EXISTING 6" WATER MAIN
24	EXISTING CITY STD. FIRE HYDRANT
25	EXISTING 8" WASTEWATER MAIN
26	EXISTING 6" WASTEWATER STUBOUT
27	EXISTING 8" FIRE LINE STUBOUT
28	EXISTING 2" DOMESTIC WATER LINE STUBOUT
29	EXISTING 1" IRRIGATION LINE STUBOUT
30	EXISTING CURB INLET (TO BE REMOVED)
31	WHEEL STOPS
32	CANOPY SUPPORT COLUMNS
33	EXISTING 30" RCP
34	EXISTING 7'x5' RCB
35	PROPOSED 3'x3' GRATE INLET (TO REPLACE EX10' CURB INLET)
36	EXISTING SWITCH GEAR
37	5' ADA RAMP

BOUNDARY LINE TABLE		
LINE #	DISTANCE	BEARING
L1	171.26'	S89°04'07"W
L2	50.07'	N00°33'39"W
L3	150.52'	N04°12'10"E
L4	110.81'	N00°33'32"W
L5	57.14'	N44°10'30"E
L6	68.40'	N88°36'05"E
L7	65.00'	S01°23'55"E
L8	45.00'	N88°36'05"E
L9	287.06'	S01°23'55"E

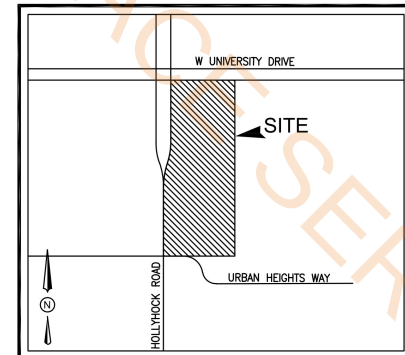
STORMWATER QUALITY TREATMENT NOTE
STORMWATER RUNOFF FROM THIS SITE IS TO BE TREATED BY AN EXISTING HYDRODYNAMIC SEPARATOR. SEE CS20-0074 FOR DETAILS.

BIKE RACK DETAIL



- 24" W Fire Lane Access
- 6" W Concrete Curb
- Concrete Sidewalk
- 12" W x 7" L Precast Concrete Wheel Stop
- 4" W White Painted Parking Strip(18' L)
- 4" W White Painted Parking Strip(20' L)
- Concrete ADA Ramp
- Detectable Warning Surface
- Bike Racks
- 4" W White Painted Parking Strip
- Handicapped Parking Sign W/White Painted Symbol
- Underground Electric Line
- Underground Telephone Line
- 2" Dia Domestic Water Line
- 8" Dia Fire Line
- 2" Domestic Water Meter
- 1" Irrigation Meter
- Fire Department Connection
- 6" Sanitary Sewer Cleanout
- 6" Sanitary Sewer Double Cleanout
- Grease Trap 1500 Gal
- Sanitary Sewer Sample Port
- 3' x 3' Grate Inlet And Existing Curb Inlet To Be Removed
- 6" Dia Sanitary Sewer
- Light Duty Concrete Pavement
- Existing To New Sidewalk Connection
- 6" W Red Painted Fire Lane Stripping

EXISTING LEGEND	
15915.6 SQ FT	NO PARKING
778.0 SQ FT	CONCRETE
6022.5 SQ FT	GRAVEL
15.0 EA	BRICK
16.0 EA	STONE
64.8 SQ FT	WOOD DECK
27.2 SQ FT	BUILDING WALL
2.0 EA	TILE
121.6 EA	BUILDING LINE
248.9 FT	EASEMENT
249.4 FT	BOUNDARY
57.1 FT	HIGHBANK LINE
137.6 FT	PARKING STRIP
1.0 EA	HANDICAP SPACE
1.0 EA	
1.0 EA	
1.0 EA	
2.0 EA	
1.0 EA	
1.0 EA	
77.5 FT	
18.6 FT	
1028.8 FT	



VICINITY MAP
N.T.S.

SITE DATA SUMMARY TABLE

SITE ACREAGE:	1.21 ACRES (52,722 S.F.)
ZONING:	R-RETAIL
PROPOSED USE:	RETAIL/RESTAURANT
BUILDING AREA:	5,000 S.F. RESTAURANT; 800 S.F. RETAIL
NUMBER OF STORIES:	1
BUILDING HEIGHT:	34'-9"
FLOOR AREA RATIO:	11.00%
IMPERVIOUS AREA:	37,932 S.F. (71.9%)
PERVIOUS/LANDSCAPE AREA:	14,790 S.F. (28.1%)
REGULAR PARKING PROVIDED:	47 SPACES
REGULAR PARKING PROVIDED (NO ADA):	37 SPACES
OFFSITE PARKING PROVIDED:	8 SPACES
HANDICAP PARKING PROVIDED:	2 SPACES (1 VAN ACCESSIBLE)
HANDICAP PARKING PROVIDED:	2 SPACES (1 VAN ACCESSIBLE)
TOTAL PARKING PROVIDED:	47 SPACES

NOTE: REGIONAL OPEN SPACE PROVIDED FOR FULL 18.55 AC SUBDIVISION. SEE APPROVED PSP20-0024.

NOTE: HANDICAP PARKING IS PROVIDED IN ACCORDANCE WITH ADA STANDARDS.

SITE LEGEND

CONCRETE CURB	
SAW-CUT LINE	
FENCE	
FIRE LANE, ACCESS, AND UTILITY EASEMENT	
STRIPING	
PARKING SPACES	
MONUMENT/PYLON SIGN	
WHEEL STOPS	
HANDICAP LOGO	
HANDICAP SIGN	
RAMP	
BOLLARD	
TRAFFIC ARROW	
FIRE HYDRANT	
DUMPSTER	
SANITARY SEWER MANHOLE	
SANITARY SEWER CLEANOUT	
SANITARY SEWER DOUBLE CLEANOUT	
SANITARY SEWER SAMPLE PORT	
GREASE TRAP	
DOMESTIC WATER METER	
IRRIGATION METER	
GAS METER	
TRANSFORMER	
LIGHT POLE	
POWER POLE	

PROJECT CONTACT LIST

ENGINEER TRIANGLE ENGINEERING LLC 1782 W. McDERMOTT DRIVE ALLEN, TEXAS 75013 CONTACT: KIEW KAM, PE PHONE: 469-331-8566	OWNER/DEVELOPER D FANG, LLC 15480 CALVERT DR. FRISCO, TEXAS 75035 CONTACT: ALMA SUN PHONE: 972-899-0681
SURVEYOR TRAVERSE LAND SURVEYING 14200 MIDWAY ROAD, SUITE 130 DALLAS, TEXAS 75244 CONTACT: GRAYSON CEBALLOS, SIT PHONE: 469-784-9321	ARCHITECT TWZ ARCHITECTS 2029 STONEMONT CT. ALLEN, TEXAS 75013 CONTACT: JUNYANG TANG, AIA PHONE: 469-450-4163

CITY OF FRISCO SITE PLAN NOTES

- ANY REVISION TO THIS PLAN WILL REQUIRE CITY APPROVAL AND WILL REQUIRE REVISIONS TO ANY CORRESPONDING PLANS TO AVOID CONFLICTS BETWEEN PLANS.
- OPEN STORAGE, WHERE PERMITTED, SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
- BUILDINGS WITH AN AGGREGATE SUM OF 5,000 SQUARE FEET OR GREATER ON A LOT SHALL HAVE AUTOMATIC FIRE SPRINKLERS INSTALLED THROUGHOUT ALL STRUCTURES. ALTERNATIVE FIRE PROTECTION MEASURES MAY BE APPROVED BY THE FIRE DEPARTMENT.
- ALL SIGNAGE IS SUBJECT TO BUILDING INSPECTION DIVISION APPROVAL.
- ALL FENCES AND RETAINING WALLS SHALL BE SHOWN ON THE SITE PLAN AND ARE SUBJECT TO BUILDING INSPECTION DIVISION APPROVAL.
- WHEN USED, WHEEL STOPS SHALL BE INSTALLED SO THAT ALL SURFACE PARKING SPACES ARE A MINIMUM OF 18 FEET DEEP MEASURED FROM THE FACE OF THE WHEEL STOP. ANY VERTICAL OBSTRUCTION IN FRONT OF A SURFACE PARKING SPACE SHALL BE LOCATED 20 FEET FROM THE BACK OF THE PARKING SPACE.

FLOOD PLAIN NOTE

ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) NO 48121C0430G, DATED APRIL 18, 2011, PREPARED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FOR DENTON COUNTY, TEXAS, THIS PROPERTY IS WITHIN ZONE "X".

DETENTION NOTE

NO ON-SITE DETENTION IS REQUIRED, REFER TO FM 423 CULVERT 1 MODIFICATIONS-REVISED, PREPARED BY KIMLEY-HORN AND ASSOCIATES, DATED JANUARY 8, 2015 FOR ADDITIONAL INFORMATION.

EASEMENT/SETBACK LEGEND

BUILDING SETBACK	B.S.
LANDSCAPE SETBACK	L.S.
FIRE LANE, ACCESS & UTILITY EASEMENT	F.A.U.E.
FIRE LANE, ACCESS & DRAINAGE EASEMENT	F.A.D.E.
ACCESS EASEMENT	A.E.
SIDEWALK EASEMENT	S.E.
SANITARY SEWER EASEMENT	S.S.E.
WATER EASEMENT	W.E.
ELECTRICAL EASEMENT	E.E.
UTILITY EASEMENT	U.E.
DRAINAGE & DETENTION EASEMENT	D.D.E.
SIDEWALK EASEMENT	S.W.E.

REVISION NOTE

ANY REVISION TO THIS PLAN WILL REQUIRE CITY OF FRISCO APPROVAL AND WILL REQUIRE REVISIONS TO ANY CORRESPONDING PLANS TO AVOID CONFLICTS BETWEEN PLANS.

ACTION	
☐ APPROVED	☐ DENIED
STAFF: 1/5/24	DP
P&Z: Date	Initials
Neighborhood # 51	Initials

SITE PLAN

SP23-0109
HANA RETAIL/RESTAURANT
HOLLYHOCK COMMERCIAL ADDITION, BLOCK A, LOT 6
1.21 ACRES (46,098 ACRES)
JAMES P. BATES SURVEY, ABSTRACT #1620
CITY OF FRISCO, DENTON COUNTY, TEXAS 75033
DATE PREPARED: 01/25/2024

CS24-0014 APPROVED 7/31/2024



NO.	DATE	DESCRIPTION
1	09/25/2023	1st SITE PLAN SUBMITTAL
2	11/14/2023	2nd SITE PLAN SUBMITTAL
3	11/20/2023	3rd SITE PLAN SUBMITTAL
4	01/12/2024	1st REVISIONS 1 AND 2
5	01/25/2024	2nd REVISIONS 1 AND 2



SITE PLAN
HANA RETAIL/RESTAURANT
SEC US 380 (UNIVERSITY) AND HOLLYHOCK ROAD
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

DATE	PROJECT
01/25/2024	098-23
DESIGN	DRAWN
KK	EB

SHEET #
SP

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS



Date of issue: 08/02/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

DUMPSTER ENCLOSURE

JOB 23016
DATE 08/02/2024
SHEET

A 3.03

12 HEAVY DUTY GATE/HINGE DETAIL
SCALE: N.T.S.

11 GATE FRAMING (REAR VIEW)
1/2" = 1'-0"

10 FOOTING DETAIL
1/2" = 1'-0"

9 DUMPSTER ENCLOSURE CONCRETE PAD SECTION
1/2" = 1'-0"

8 BOLLARD DETAIL
1/2" = 1'-0"

7 DUMPSTER ENCLOSURE ELEVATION
1/4" = 1'-0"

6 DUMPSTER ENCLOSURE ELEVATION
1/4" = 1'-0"

4 DUMPSTER ENCLOSURE ELEVATION
1/4" = 1'-0"

3 DUMPSTER ENCLOSURE WALL SECTION
1/2" = 1'-0"

2 DUMPSTER ENCLOSURE FOUNDATION PLAN
1/4" = 1'-0"

1 DUMPSTER ENCLOSURE PLAN
1/4" = 1'-0"

- 1'-8" W x 10" D Concrete footing For Dumpster Wall
- 8" Thk CMU Dumpster Wall @ 8' H Above Grade And 2' Below Grade
- 8" Thk Dumpster Concrete Pad W/#4 @ 12" O.C.E.W
- 6" Dia Concrete Filled Pipe Bollards
- 6" Dia Sch 40 Pipe Gate Posts W/Concrete Footing
- BR-01 Brick Veneer
- 4" H Brick Rowlock Course BR-02
- 8" H Brick Soldier Course BR-02
- 11'-6" W x 8' H Dumpster Metal Panel Gate MP-01
- Dumpster Gate Hinges

- 55.7 FT
- 53.4 FT
- 34.8 SQ FT
- 5.0 EA
- 3.0 EA
- 40.8 SQ FT
- 57.5 FT
- 57.5 FT
- 2.0 EA
- 4.0 EA

LIGHTING FIXTURE SCHEDULE

TYPE	MFG. AND CATALOG NO.	DESCRIPTIONS	MOUNTING	LAMP (QTY, WATT AND TYPE)	VOLTS	REMARKS
SA2	FIXTURE: HUBBELL RAR2-480L-295-4K7-4W-UNV-ASQ-DB-7PRSC POLE: KW SSP-30-5.0-11-(F)-(*)-BC	LED POLE LIGHT FIXTURE, ALUMINUM HOUSING, TYPE 4 DISTRIBUTION, UL LISTED, WET LOCATION RATED, (1) FIXTURE MOUNTED ON 30FT STEEL POLE. PROVIDE CUTOFF SHIELD FROM A POINT 5 FEET ABOVE PROPERTY LINES.	POLE	295W LED 4000K 40748 LUMENS 70CRI	120-277V	1,2

1. PROVIDE ALL NECESSARY ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.
2. SELECTION AND FINISH MUST BE APPROVED BY ARCHITECT AND OWNER BEFORE PURCHASING.

GENERAL NOTES:

- a. Pole light are 20 feet or less in height when 100 feet or less from residential district.
b. Full cutoff lights are require to be shielded from a point 5 feet above property lines.
c. Maximum light level at residential property line is 0.25 foot candle.

Add notes per city of Frisco comments

NOTE: no residential zone is adjacent to this specific site within 100 feet. This site is surrounded by all commercial property.

- Underground Service Lateral Conduit
SA-2 Pole Mounted Fixture
TSH1 Time Switch
Fused Disconnect Switch 600A
Electric Meter
Underground Conduit For Light Poles
(4)4#350 Kcmil,#1/1G In 3" Conduit

- 396.4 FT
6.0 EA
1.0 EA
1.0 EA
1.0 EA
478.7 FT
18.9 FT

KEYED NOTES

- ① HOMERUN TO PANEL VIA TIMESWITCH "TSH1".
② POWER COMPANY MAY CHOOSE TO PROVIDE SERVICE FROM A DIFFERENT LOCATION. CONTRACTOR SHALL INCLUDE IN HIS/HER BID A MINIMUM OF 400FT OF SERVICE LATERAL CONDUIT/WIRES FROM POWER CO TRANSFORMER TO POWER CO METER.

1 SITE LIGHTING AND POWER PLAN WITH PHOTOMETRIC DATA

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE Planar	Illuminance	Fc	6.10	25.5	2.0	3.05	12.75



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972. 908. 9558

Amoi Group

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2	2024.08.29	ADDENDUM 1 PER CITY COMMENT
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS

1	2024.08.29	ADDENDUM 1 PER CITY COMMENT
---	------------	-----------------------------



08/29/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

SITE POWER PLAN

JOB
DATE 08/02/2024
SHEET

ES 01



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972.908.9558

Amoi Group

ISSUES

1	2024.08.02	ISSUE FOR PERMIT
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS



08/02/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

LIGHT SHELL

JOB
DATE 08/02/2024
SHEET

EL 01

Fed by A- 6.8

Fed by A- 9.10

Refer to
architecture
drawings for
mounting height.
(TYP.)

365/7 Day Astronomic Nema 3R Timeswitch TSH2 17.0 EA

① 365/7-DAY ASTRONOMIC NEMA 3R TIMESWITCH 'TSH2'. PROVIDE INTERMATIC ET2845CR 4-CIRCUIT OR EQUAL. PROVIDE TIMESWITCH CONTROL POWER & PROGRAM TIMESWITCH ON-OFF SETTINGS PER OWNER'S REQUIREMENTS. SPECIFIED TIMESWITCH COMPLIES WITH IECC 2021 SECTION C405.2.2.2. AND INCLUDES AN OVERRIDE SWITCHING DEVICE THAT COMPLIES WITH THE FOLLOWINGS: (1) HAVE A MINIMUM 7-DAY CLOCK, (2) CAPABLE OF BEING SET FOR SEVEN DIFFERENT DAY TYPES PER WEEK, (3) INCORPORATE AN AUTOMATIC HOLIDAY 'SHUTOFF' FEATURE, WHICH TURNS OFF ALL CONTROLLED LIGHTING LOADS FOR AT LEAST 24 HOURS, (4) HAVE AT LEAST 10-HOUR PROGRAM BACKUP IF POWER IS INTERRUPTED, (5) INCLUDES AN OVERRIDE SWITCH THAT COMPLIES WITH THE FOLLOWINGS: (A) OVERRIDE SWITCH SHALL BE A MANUAL CONTROL, (B) THE OVERRIDE SWITCH, WHEN INITIATED, SHALL PERMIT THE CONTROLLED LIGHTING TO REMAIN ON FOR NOT MORE THAN 2 HOURS.



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972.908.9558

Amoi Group

ISSUES

1 2024.08.02 ISSUE FOR PERMIT

REVISIONS



08/02/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

PLUMBING SITE

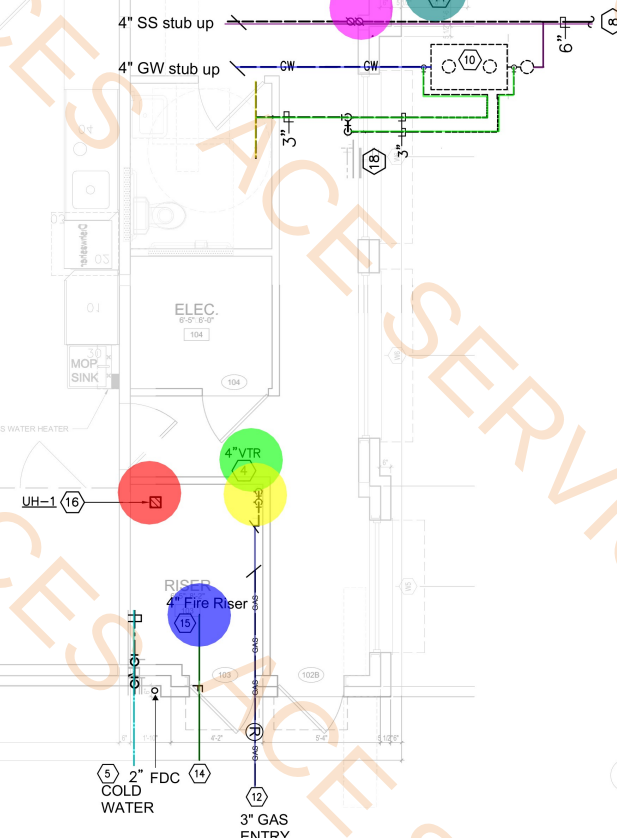
JOB
DATE 08/02/2024
SHEET
P 01

KEYED NOTES:

- 1 NA
- 2 NA
- 3 NA

- 4 4" VENT FROM BELOW SLAB, RISE UP TIGHT TO WALL AND EXTEND TO VENT THROUGH ROOF.
- 5 2" CW SERVICE. RE: CIVIL DRAWINGS. FOR CONTINUATION.
- 6 NA
- 7 NA
- 8 4" SANITARY SEWER. RE: CIVIL DRAWINGS FOR CONTINUATION. INVERT ELEVATION - 66" BELOW FINISH FLOOR.
- 9 NA
- 10 1,500 GALLON GREASE INTERCEPTOR, PARK EQUIPMENT COMPANY MODEL GT-2000.
- 11 SAMPLEWELL BASIN, PARK EQUIPMENT COMPANY MODEL SWB.
- 12 PROPOSED LOCATION OF FUTURE GAS METER/PRESSURE REGULATOR.
- 13 4" 2-WAY CLEANOUT. (TYPICAL)
- 14 4" UNDERGROUND FIRE LINE. RE: CIVIL DRAWINGS FOR CONTINUATION.
- 15 6" FIRE RISER. RE: DETAIL 01/P3.0
- 16 MOUNTING HEIGHTS OF UH SHALL BE APPROVED BY OWNER AND PER UNIT MANUFACTURER'S INSTRUCTIONS & RECOMMENDATIONS.
- 17 NA
- 18 RUN 3" VENT PIPES UP, THRU FLOOR SLAB, ALONG WALL AND CONNECT TO 4" VENT MAIN.

3" Dia Vent Pipes	26.0 FT
4" Dia Vent Pipes	3.5 FT
4" Dia Grease Waste Pipe	8.9 FT
4" Sanitary Sewer Cleanout	1.0 EA
2" Dia Cold Water	7.0 FT
4" Dia Fire Line	6.6 FT
3" Dia Gas Pipe	11.8 FT
4" Dia Sanitary Sewer	19.2 FT
Samplewell Basin	1.0 EA
Unit Heater UH-1	1.0 EA
4" VTR	1.0 EA
4" Dia Vent Pipe(15 LF)	1.0 EA
6" Dia Fire Line(16' L)	1.0 EA

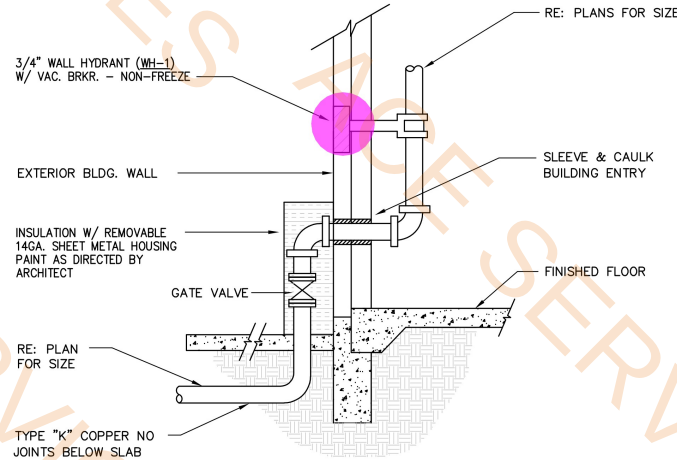


BUILDING PLAN
1/4" = 1'-0"



GENERAL NOTES/SPECIFICATIONS:

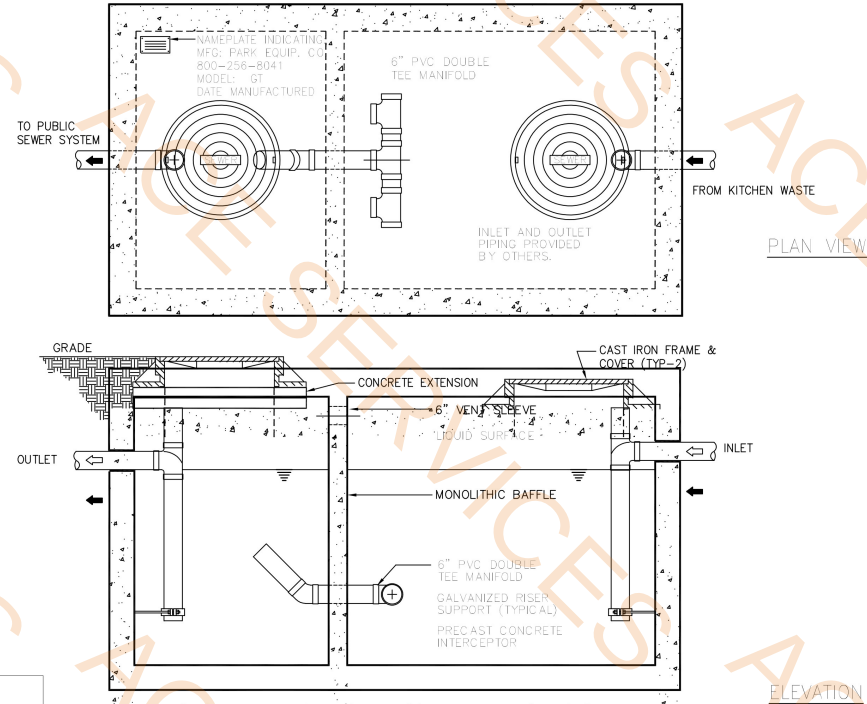
- PERFORM WORK IN ACCORDANCE WITH THE LATEST EDITIONS, REVISIONS, AMENDMENTS OR SUPPLEMENTS OF APPLICABLE STATUTES, ORDINANCES, CODES OR REGULATIONS OF FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION IN EFFECT ON THE DATE BIDS ARE RECEIVED.
- BALL VALVES: (SIMILAR TO NIBCO T-585-70 OR S-585-70)
 - PROVIDE CUT-OFF VALVES ABOVE CEILING FOR EACH PROPOSED TENANT.
 - PROVIDE BALL VALVES OF SAME SIZE AS UPSTREAM PIPE SIZE (U.O.N.).
- DOMESTIC WATER PIPING:
 - DISTRIBUTION PIPING INSIDE BUILDING SHALL BE RUN IN JOIST SPACE (HIGH AS POSSIBLE). PROVIDE CUT-OFF VALVE FOR EACH PROPOSED TENANT SPACE.
 - PIPING RUN OUTSIDE THE BUILDING SHALL BE RUN AT MINIMUM 2' - 0" BELOW GRADE OR DEEPER AS REQUIRED BY SITE CONDITIONS TO PREVENT FREEZING.
- ALL PIPING CROSSING FIRE RATED WALLS SHALL BE METAL AND THE WALL PENETRATION SHALL BE SEALED WITH AN APPROVED FIRE PROTECTIVE CAULKING COMPOUND.
- PLUMBING CONTRACTOR SHALL COORDINATE VTR FLASHING INSTALLATION WITH ROOFING CONTRACTOR. FLASHING MATERIAL AND INSTALLATION SHALL BE PROVIDED BY ROOFING CONTRACTOR.
- EXACT LOCATION AND MOUNTING OF WALL HYDRANTS (WH) SHALL BE COORDINATED WITH ARCHITECTURAL DURING DEVELOPMENT OF CONSTRUCTION DRAWINGS.
- DO NOT SCALE PLUMBING DRAWINGS. REFER TO THE DIMENSIONED DRAWINGS OF ARCHITECT FOR PROPOSED TENANT LOCATIONS.
- PIPING MATERIALS:
 - DOMESTIC WATER (ABOVE SLAB): COPPER TUBING, ASTM B88, TYPE L, HARD DRAWN, FITTINGS: ASME B16.22 WROUGHT COPPER AND BRONZE, JOINTS: ASTM B32, SOLDER, GRADE 95TA (LEAD FREE).
 - DOMESTIC WATER (BELOW SLAB): COPPER TUBING, ASTM B88, TYPE K, ANNEALED, NO FITTINGS OR JOINTS: AWS A5.8 BCuP SILVER BRAZE (LEAD FREE).
 - SANITARY SEWER BELOW GRADE: SCHEDULE 40 DWV TYPE 1 PVC PIPE, ASTM D-2665, ASTM D-1785 VENT PIPING: SCHEDULE 40 DWV TYPE 1 PVC PIPE, ASTM D-2665, ASTM D-1785
 - DOMESTIC WATER PIPE INSULATION: 3/4" FIBERGLASS PREFORMED INSULATION; ASTM C547; 'K' VALUE OF 0.26 AT 75 DEG. F; NONCOMBUSTIBLE; PROVIDE FACTORY APPLIED WHITE KRAFT FOIL VAPOR BARRIER.
 - WALL HYDRANTS (WH-1): WOODFORD MODEL B65, FREEZE-PROOF, POLISHED BRASS FINISH, W/ VACUUM BREAKER.
 - ALL 1" THRU 2" FIRE LINES TO BE SCHEDULE 40 BLACK STEEL ASTM A-135/A-795 DOMESTIC.
 - ALL 2 1/2" AND LARGER FIRE LINE TO BE SCHEDULE 10 BLACK STEEL ASTM A-135/A-795 DOMESTIC.



1 COLD WATER ENTRY DETAIL
NO SCALE

Wall Hydrant WH-1

1.0 EA



GREASE INTERCEPTOR SCHEDULE									
MODEL NO.	CAPACITY USGal	GREASE CAP. (LBS)	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2	
GT-500	500	1,200	7,000	7'-10"	4'-4"	4'-6"	3'-3"	3'-0"	
GT-750	750	1,700	10,000	7'-10"	4'-4"	6'-0"	4'-5"	4'-2"	
GT-1000	1,000	2,300	13,200	8'-8"	5'-0"	6'-0"	4'-9"	4'-6"	
GT-1250	1,250	2,900	15,500	9'-2"	5'-8"	6'-0"	4'-9"	4'-6"	
GT-1500	1,500	3,500	20,000	9'-2"	5'-8"	7'-0"	5'-9"	5'-6"	
GT-2000	2,000	4,600	24,000	13'-0"	7'-0"	6'-0"	4'-9"	4'-6"	
GT-2500	2,500	5,700	27,000	13'-0"	7'-0"	7'-0"	5'-9"	5'-6"	
GT-3000	3,000	6,900	30,000	13'-0"	7'-0"	8'-0"	6'-9"	6'-6"	
GT-3500	3,500	8,000	33,000	13'-0"	7'-0"	8'-6"	7'-6"	7'-3"	
GT-4000	4,000	9,240	36,000	13'-0"	7'-0"	9'-6"	8'-6"	8'-3"	

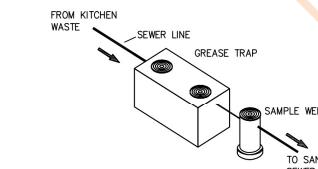
OTHER SIZES ARE AVAILABLE. CONTACT US FOR MORE INFORMATION

Engineering Data

The grease interceptor is structurally & hydraulically engineered to conform to regional plumbing codes recommended in most cities. Consult with local authorities for specific application requirements.

Shop drawings shall include complete structural & buoyancy calculations certified by a licensed professional engineer.

Consult with Park Equipment Company for exact excavation dimensions & shipping information.



Typical applications include commercial and industrial food service kitchens where excessive grease may interfere with the proper drainage of the sewer system. The grease interceptor is generally buried below grade for gravity flow sewer systems. A sample well is utilized on the outlet side for sampling by the local water authority.

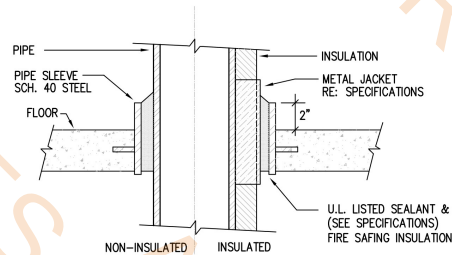
Specifications

CONCRETE: Class 1 concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor, first stage of wall and baffle with sectional riser to required depth. (Monolithic baffle required, slide-in type is not acceptable)

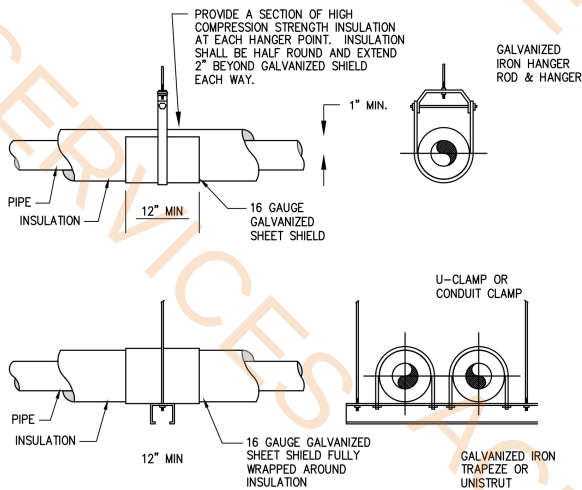
REINFORCEMENT: Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal.

C.I. CASTINGS: Manhole frames, covers or grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30. Manhole shall be nominal 24 inch diameter and be traffic duty.

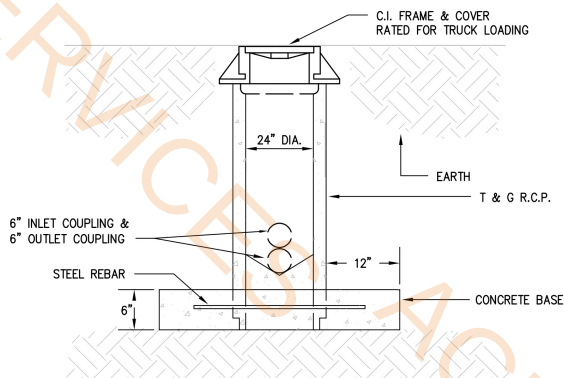
4 1,500 GALLON GREASE INTERCEPTOR
NO SCALE



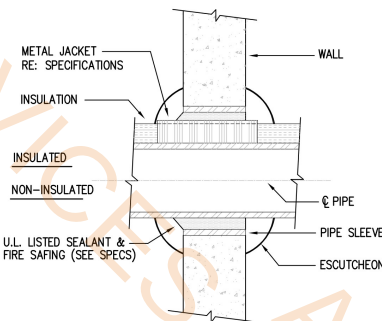
7 FLOOR PENETRATION DETAIL
NO SCALE



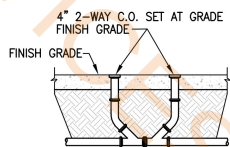
2 PIPE HANGERS DETAIL
NO SCALE



3 SAMPLING WELL BASIN
NO SCALE



6 WALL PENETRATION DETAIL
NO SCALE



5 2-WAY CLEANOUT
NO SCALE



8750 N Central Expressway, STE 800
Dallas, Texas 75213
972. 908. 9558

Amoi Group

ISSUES

1 2024.08.02 ISSUE FOR PERMIT

REVISIONS



0802/2024

HANA RETAIL / RESTAURANT

1965 UNIVERSITY DRIVE
CITY OF FRISCO
DENTON COUNTY, TEXAS 75033

PLUMBING DETAILS

JOB DATE 08/02/2024
SHEET

P 05