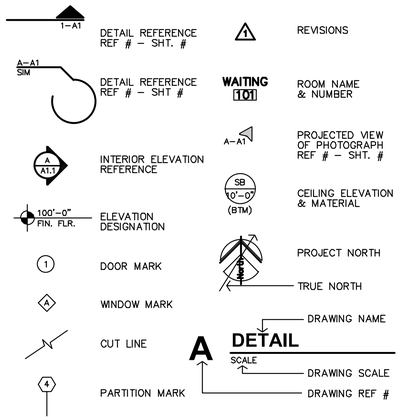
ASTRA BANK

BANK - NEW FACILITY

DODGE CITY, 25-3515 KANSAS

REFERENCE LEGEND



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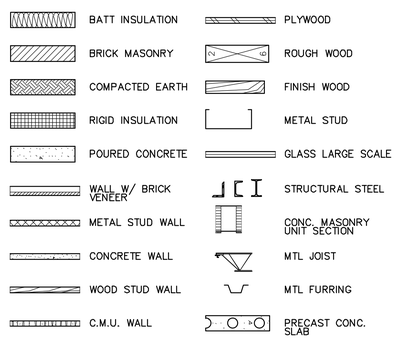

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Kansas City, MO 64108
jgr@jgrarchitects.com

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ADA ADA DIAGRAMS

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PERMIT SET 8-28-2025

ABBREVIATIONS

&	AND	Cntr.	Counter	Exp.	Expansion	Hr.	Hour	N.	North	Reinf.	Reinforced	Temp.	Tempered
∠	Angle	Col.	Column	Ext.	Exterior	Hgt.	Height	N.I.C.	Not In Contract	Req'd	Required	T.&G.	Tongue & Groove
@	At	Conc.	Conc. Concrete					No. or #	Number	Resil.	Resilient	Thk.	Thick
℄	Centerline	C.T.	Ceramic Tile	F.A.	Fire Alarm	I.D.	Inside Diameter	Nom.	Nominal	Rm.	Room	T.O.M.	Top Of Masonry
ø	Diameter or Round	CMU	Concrete Masonry Unit	F.D.	Floor Drain	Insul.	Insulation	N.T.S.	Not To Scale	R.O.	Rough Opening	T.O.S.	Top Of Steel
#	Pound or Number	Ctr.	Center	Fdn.	Foundation	Int.	Interior					T.P.	Top Of Pavement
				F.E.	Fire Extinguisher			O/	On or Over	S.	South	T.P.D.	Toilet Paper Dispenser
Acous.	Acoustical	Dbl.	Double	F.E.C.	F.E. Cabinet	Jan	Janitor	Obs.	Obscure	S.B.	Splash Block	T.V.	Television
Adj.	Adjustable	Det.	Detail	Fin.	Finish	Jt.	Joint	O.C.	On Center	S.C.	Solid Core	T.W.	Tackwall
A.F.F.	Above Finished Floor	D.F.	Drinking Fountain	Fl.	Floor			O.D.	Diameter	Sched.	Schedule	Typ.	Typical
Aggr.	Aggregate	Dia.	Diameter	Flash.	Flashing	Kit.	Kitchen	Off.	Office	S.D.	Soap Dispenser	Trd.	Tread
Al.	Aluminum	Dim.	Dimension	℄	Flow line			Opng.	Opening	Sect.	Section		
Approx.	Approximate	Dn.	Down	Ft.	Foot or feet	Lab.	Laboratory	Opp.	Opposite	Shr.	Shower	U.O.N.	Unless Otherwise Noted
Arch.	Architect or Architectural	Dr.	Door	Ftg.	Footing	Lam.	Laminate			Sht.	Sheet	Ur.	Urinal
Asb.	Asbestos	Ds.	Downspout	Furr.	Furring	Lav.	Lavatory	P.	Paint	Sim.	Similar		
Asph.	Asphalt	Dwg.	Drawing	Fut.	Future	Lkr.	Locker	Pl.	Plate	S.N.D.	Sanitary Napkin Disp.	V.C.T.	Vinyl Composition Tile
A.V.	Audio Visual	Dwr.	Drawer			Lt.	Light	P.Lam.	Plastic Laminate	S.N.R.	Sanitary Napkin Recep.	V.T.	Vinyl Tile
				Ga.	Gauge			Plas.	Plaster	Spec.	Specification	V.B.	Vapor Barrier
Bd.	Board	(E)	Existing	Galv.	Galvanized	Mas.	Masonry	Plywd.	Plywood	Sq.	Square	Vert.	Vertical
Bitum.	Bituminous	E.	East or Existing	G.B.	Grab Bar	Max.	Maximum	Pr.	Pair	SST.	Stainless Steel	Vest.	Vestibule
Bldg.	Building	Ea.	Each	Gl.	Glass	M.C.	Medicine Cabinet	Pt.	Point	Std.	Standard	Vyl.	Vinyl
Blk.	Block	E.J.	Expansion Joint	Grd.	Ground	Mech.	Mechanical	P.T.D.	Paper Towel Dispenser	St.	Steel		
Blk'g.	Blocking	El.	Elevation	Gr.	Grade	Memb.	Membrane	Ptn.	Partition	Stor.	Storage	W.	West
Bm.	Beam	Elec.	Electrical	Gyp.	Gypsum	Met.	Metal	P.T.R.	Paper Towel Receptacle	Strl.	Structural	w/	With
Bot.	Bottom	Elev.	Elevator			Mfr.	Manufacturer			Susp.	Suspended	w/o	Without
BO	BY OWNER	Eq.	Equal	H.B.	Hose Bibb	Mh.	Manhole	Q.T.	Quarry Tile	S.V.	Sheet Vinyl	W.C.	Wall Covering
Brg.	Bearing	Equip.	Equipment	H.C.	Hollow Core	Min.	Minimum			Sym.	Symmetrical	Wd.	Wood
Brk.	Brick	E.W.	Each Way	Hdwd.	Hardwood	Mir.	Mirror	R.	Riser			Wp.	Waterproof
		E.W.C.	Elec. Water Cooler	Hdwr.	Hardware	Misc.	Miscellaneous	Rad.	Radius	Tex.	Texture	Wdw.	Window
Cab.	Cabinet	Exist.	Existing	H.M.	Hollow Metal	M.O.	Masonry Opening	R.D.	Roof Drain	T.B.	Towel Bar	Wsct.	Wainscot
Clg.	Ceiling	Expo.	Exposed	Horiz.	Horizontal	Mtd.	Mounted	Ref.	Reference	T.Bd.	Tack Board	Wt.	Weight
Clr.	Clear												

LEGEND

DESIGNATED EMERGENCY EXIT	68"/24.4" — EXIT WIDTH (ACTUAL/REQUIRED) 122/340 — OCCUPANT LOAD (ACTUAL/ALLOWED)
0 HOUR CONSTRUCTION	
DRAFTSTOPPING	
CLEARSTORY WALLS CREATE DRAFTSTOP	
EXIT LIGHT	⊗
FIRE EXTINGUISHER	● FE

OCCUPANCY GROUP (AU – ACCESSORY USE)	B	
OCCUPANCY USE	OFFICE	
ROOM SQUARE FOOTAGE/OCCUPANT LOAD FACTOR	200	150
OCCUPANT LOAD/REQUIRED NUMBER OF EXITS	1	1

PROJECT INFORMATION

TYPE OF CONSTRUCTION	NEW CONSTRUCTION
OWNER/FACILITY NAME	ASTRA BANK
OWNER/FACILITY ADDRESS	106 KINKEAD STREET DODGE CITY, KS 67801
REASON FOR SUBMITTAL	NEW BANK
COUNTY	FORD
FIRE DEPARTMENT	CITY OF DODGE CITY
WATER SUPPLY	CITY OF DODGE CITY
BUILDING INSPECTION DEPT	CITY OF DODGE CITY
AUTHORITY HAVING JURISDICTION	CITY OF DODGE CITY
ARCHITECT	JONES GILLAM RENZ ARCHITECTS 730 N. NINTH ST. SALINA, KS 67401 ph: 785-827-0386
CODES/REGULATIONS	2018 INTERNATIONAL BUILDING CODE 2018 UNIFORM MECHANICAL CODE 2018 UNIFORM PLUMBING CODE 2017 NATIONAL ELECTRIC CODE 2018 INTERNATIONAL FIRE CODE KANSAS FIRE PREVENTION CODE 2010 ADA STANDARDS for ACCESSIBLE DESIGN

CODE INFORMATION

OCCUPANCY OVERALL: B

OCCUPANCY GROUPS: B OFFICE

CONSTRUCTION TYPE: V-B

BASIC ALLOWABLE AREA: B 9,000 SF

ALLOWABLE AREA INCREASE:
- BASE ALLOWABLE 9,000 SF
- AREA INCREASE (47.95%) 4,316 SF
- BASE ALLOWABLE 13,316 SF

ACTUAL BUILDING AREA: 4,830 SF

BASIC ALLOWABLE STORIES: 2 — ACTUAL STORIES: 1

BASIC ALLOWABLE HEIGHT: 40' — ACTUAL HEIGHT: 26'

TRAVEL DISTANCE: *(PER IBC TABLE 1017.2)*
84' TO EXIT (MAXIMUM PER CODE = 200')
25' TO COMMON PATH (MAXIMUM PER CODE = 75')

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS

	V-B
STRUCTURAL FRAME:	0 HOUR
INTERIOR BEARING WALLS:	0 HOUR
INTERIOR NON-BEARING WALLS:	0 HOUR
EXTERIOR BEARING WALLS:	0 HOUR
EXTERIOR NON-BEARING WALLS:	0 HOUR
FLOOR/CEILING:	0 HOUR
CEILING/ROOF:	0 HOUR
SHAFT ENCLOSURES:	1 HOUR

OCCUPANCY SEPARATIONS:
(NON-SEPARATED USES. PER IBC SEC. 508.2)
ALLOWABLE AREA & HEIGHT CALCULATIONS ARE BASED ON THE MOST RESTRICTIVE USE. DIFFERENT USES ARE NOT SEPARATED BY FIRE BARRIERS.

ROOF COVERINGS: *(PER IBC TABLE 1505.1)*
CLASS C OR BETTER

INCIDENTAL SEPARATIONS: *(PER IBC TABLE 509)*
N/A

SPECIAL CONDITIONS:
EXIT LIGHTING
EMERGENCY LIGHTING
PORTABLE FIRE EXTINGUISHERS

FIRE ALARM REQUIREMENTS:
NOT REQUIRED, NOT PROVIDED

AUTOMATIC FIRE SUPPRESSION SYSTEM:
NOT REQUIRED, NOT PROVIDED

EMERGENCY POWER SOURCE:
EXIT SIGNS, EXIT ILLUMINATION, EMERGENCY LIGHTING IS PER BATTERY BACKUP.

HAZARDOUS MATERIALS: *(PER IBC TABLES 414)*
NONE NOTED

SMOKE PARTITIONS:
NOT REQUIRED

SMOKE CONTROL:
NOT REQUIRED

STANDPIPES:
NOT REQUIRED

DRAFTSTOPPING:
PROVIDED IN TWO LOCATIONS TO CREATE AREAS IN ATTIC UNDER 3,000 SF

TOTAL OCCUPANT LOAD: 48 (REF PLAN)

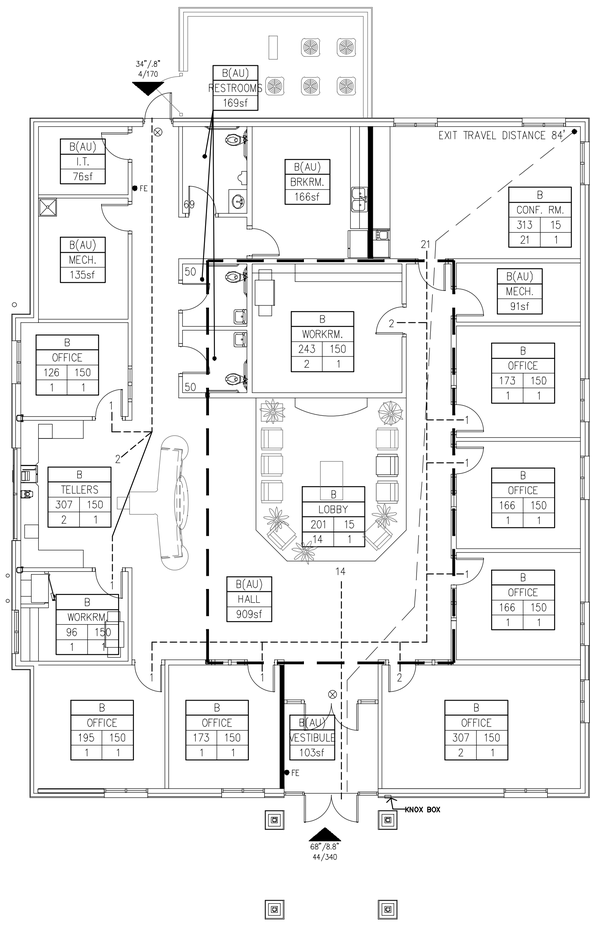
EXITING: REFERENCE PLAN

OCCUPANT LOAD FACTORS:

OCCUPANCY	USE	LOAD FACTOR	OCCS=1 EXITS	OCCS=2 EXITS
B	LOBBY	15 sf/OCCUPANT	49	50+
B	OFFICE	150 sf/OCCUPANT	49	50+
B	STORAGE	300 sf/OCCUPANT	29	30+
B	CONFERENCE	15 sf/OCCUPANT	49	50+
B	BREAK ROOM	15 sf/OCCUPANT	49	50+

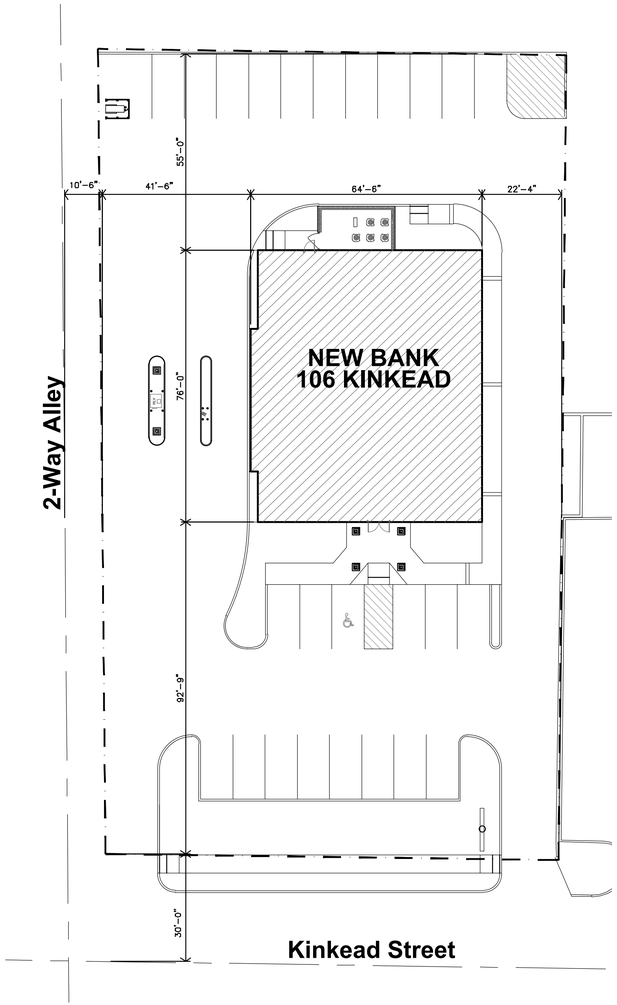
FIXTURE CALCULATIONS:
OFFICE (B):
MALE – 24 OCCUPANTS
1 WATER CLOSETS REQ'D. (1 PROVIDED)
1 LAVATORY REQ'D. (1 PROVIDED)
FEMALE – 37 OCCUPANTS
1 WATER CLOSETS REQ'D. (1 PROVIDED)
1 LAVATORY REQ'D. (1 PROVIDED)
NOTE: UNISEX "STAFF ONLY" TOILET PROVIDED WITH 1 WATER CLOSET, 1 URINAL & 1 LAVATORY.

DRINKING FOUNTAIN – 48 OCCUPANTS = 1 REQUIRED (NONE PROVIDED.
BOTTLED WATER WILL BE AVAILABLE AT BEVERAGE COUNTER)
SERVICE SINK – 1 REQUIRED (1 PROVIDED)



B **FLOOR PLAN**

0 4' 8' 16'



A **SITE PLAN**

0 15' 30' 60'

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LICENSED
5502
8-28-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

CFP

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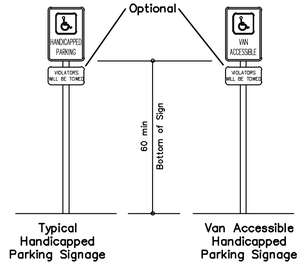
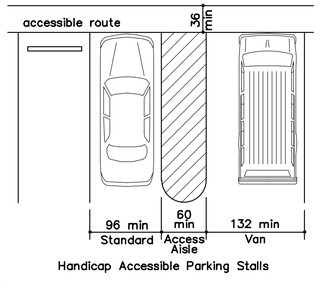
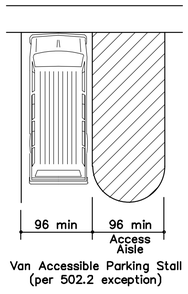


Typical Handicapped Parking Signage

Van Accessible Handicapped Parking Signage



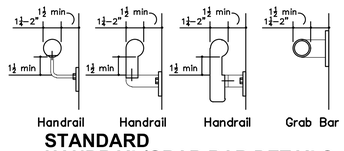
Handicap Accessible Parking Stalls



Van Accessible Parking Stall (per 502.2 exception)

M STANDARD PARKING ADA DIAGRAMS

NO SCALE



L STANDARD HANDRAIL/GRAB BAR DETAILS

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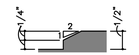
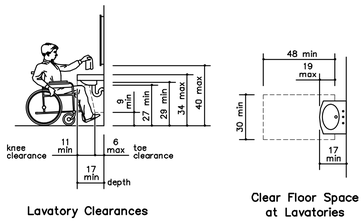


Beveled Change in Level

K THRESHOLD ADA DIAGRAMS

NO SCALE

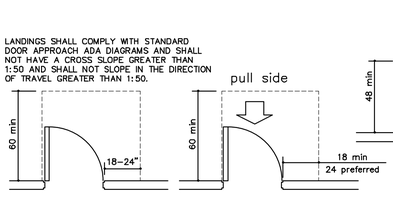


Lavatory Clearances

Clear Floor Space at Lavatories

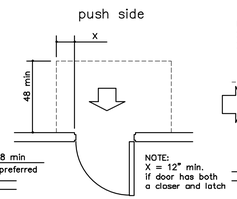
J STANDARD LAVATORY DETAILS

NO SCALE

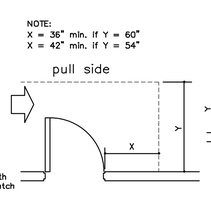


Exterior Landing

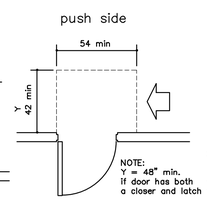
Front Approach – Swinging Door



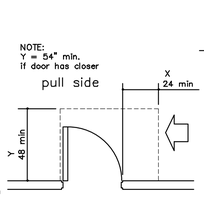
Front Approach – Swinging Door



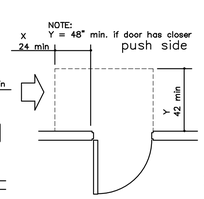
Hinge Side Approach – Swinging Door



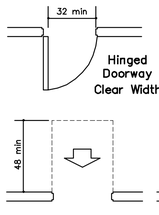
Side Approach – Swinging Door



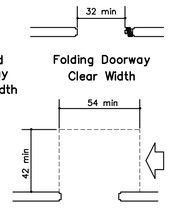
Latch Side Approach Swinging Door



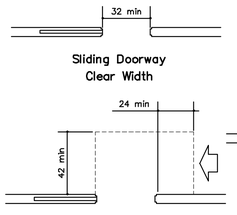
Latch Side Approach Swinging Door



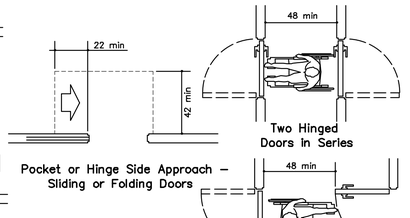
Front Approach – Sliding or Folding Doors



Side Approach – Sliding or Folding Doors

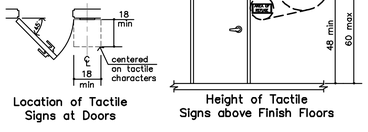


Stop or Latch Side Approach – Sliding or Folding Doors



H STANDARD DOOR APPROACH ADA DIAGRAMS

NO SCALE

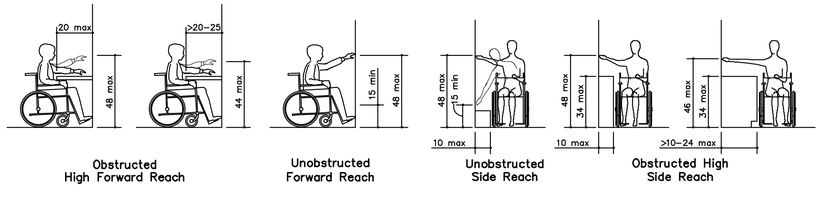


Location of Tactile Signs at Doors

Height of Tactile Signs above Finish Floors

G TACTILE SIGN DIAGRAM

NO SCALE



Obstructed High Forward Reach

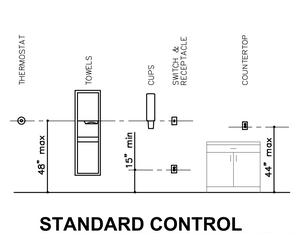
Unobstructed Forward Reach

Unobstructed Side Reach

Obstructed High Side Reach

F STANDARD REACH ADA DIAGRAMS

NO SCALE



E STANDARD CONTROL REACH LIMITATIONS DETAILS

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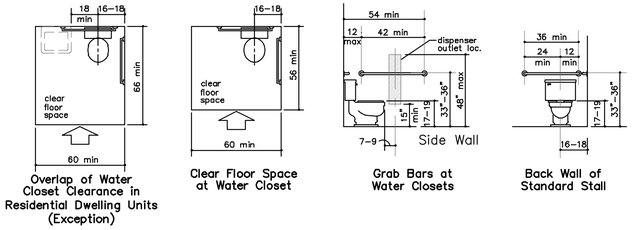


Overlap of Water Closet Clearance in Residential Dwelling Units (Exception)

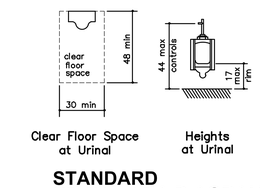
Clear Floor Space at Water Closet

Grab Bars at Water Closets

Back Wall of Standard Stall

D STANDARD TOILET ADA DIAGRAMS

NO SCALE

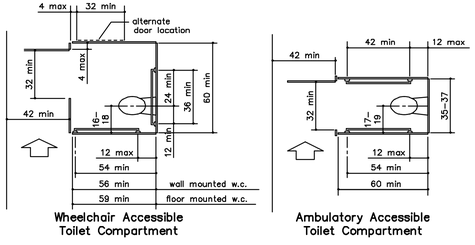


Clear Floor Space at Urinal

Heights at Urinal

C STANDARD URINAL ADA DIAGRAMS

NO SCALE

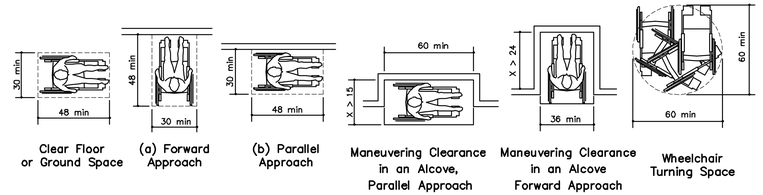


Wheelchair Accessible Toilet Compartment

Ambulatory Accessible Toilet Compartment

B STANDARD TOILET STALL ADA DIAGRAMS

NO SCALE



Clear Floor or Ground Space

(a) Forward Approach

(b) Parallel Approach

Maneuvering Clearance in an Alcove, Parallel Approach

Maneuvering Clearance in an Alcove Forward Approach

Wheelchair Turning Space

T–Shaped Space for 180° Turns

180° Turn Exception

180° Turn

A STANDARD ADA DIAGRAMS

NO SCALE

FOR REFERENCE ONLY

JonesGillamRenz
730 N. Ninth
Salina, KS 67401
785.827.0386
1881 Main Street, Suite 301
Kansas City, MO 64108
jgr@jgrarchitects.com

ASTRA BANK
BANK - NEW FACILITY
DODGE CITY, KANSAS

CHARLES A. REINZ
GENERAL
5502
8-28-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

ADA

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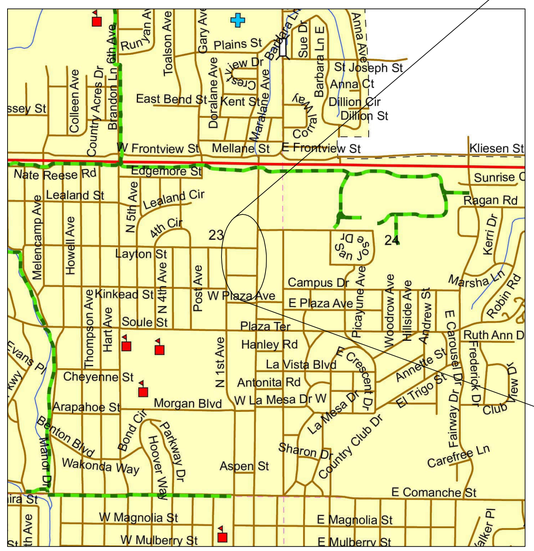
CITY OF DODGE CITY, KANSAS

FORD COUNTY, KS



INDEX OF SHEETS

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5	SITE PLAN
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12	PAVEMENT MARKING PLAN
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CHRISTINA ROSE GOOD — 17885 — KANSAS — PROFESSIONAL ENGINEER — 8/28/2025

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
TITLE SHEET

CONVENTIONAL SIGNS

COUNTY LINE
CITY LIMITS
STATE OR NATIONAL LINE
TOWNSHIP, SECTION or GRANT LINE
PROPERTY LINE
HIGHWAY FENCE
EXISTING FENCE
GUARD FENCE
CONSTRUCTION LIMITS
RIGHT OF WAY LINE
TRAVELED WAY
RAILROADS
TELEVISION (UNDERGROUND) —TV—TV—TV—
POWER (UNDERGROUND) —P—P—P—
POWER (OVERHEAD) -OHP-OHP-OHP-
TELEPHONE (UNDERGROUND) —T—T—T—
TELEPHONE (FIBER OPTIC) —FO—FO—FO—
TRAFFIC SIGNAL (UNDERGROUND) —SIG—SIG—SIG—

CENTER LINE OF PROJECT 4+000 +100
TERRACE
CULVERTS
DROP INLET & STORM SEWER
ACCESS CONTROL
MARSH
HEDGE
TREES
PROFILE ELEVATION 1172.18 +503
STREAM OR CREEK
WATER (UNDERGROUND) —WA—WA—
GAS (UNDERGROUND) —GAS—GAS—
HIGH PRESSURE GAS (UNDERGROUND) —HPG—HPG—
SAN. SEW. MAIN (UNDERGROUND) —SS—SS—
CHAIN LINK FENCE
ELECTRIC (UNDERGROUND) UGE UGE UGE

CONVENTIONAL SYMBOLS

BM BENCH MARK
SEC SECTION CORNER
PIN PROPERTY PIN
GUY WIRE
PP POWER POLE
FP FLAG POLE
LP LIGHT POLE
TP TELEPHONE POLE
TPED TELEPHONE PEDESTAL
CTV CABLE TV POLE
BORE BORE LOCATION WITH DEPTH OF HOLE
TREE W/ CIRCUMFERENCE
STUMP W/ CIRCUMFERENCE
SGN SIGN & POST
MH MAN HOLE
MHSS MAN HOLE (SAN SEW)
MHSW MAN HOLE (STM SEW)
GV GAS VALVE
GM GAS METER
WV WATER VALVE
WM WATER METER
FIRE HYDRANT
SH SPRINKLER HEAD
MB MAIL BOX

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Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 1 OF 16

8/27/2025
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PROJECT GENERAL NOTES

1. Trees and shrubs in public right of way, which are in direct conflict with the proposed new construction, shall be removed and disposed of by the contractor with the engineer's approval. Trees and shrubs which are not in direct conflict with proposed construction and not shown to be removed shall be saved and protected from damage.

2. Utility service lines, poles, valve boxes, meter et cetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the contractor. Existing utilities and their location, as shown on the plans, represent the best information, obtained for design. Location information has been obtained by various utility companies and is either from company records and drawings or company field locations. The plan locations are not guaranteed. Additional existing utilities may be encountered. The contractor will be required to work around existing utilities with the right-of-way, which do not conflict with proposed construction. Three (3) working days prior to construction of each phase of the project, the contractor will be required to field verify the location and elevation of existing utilities. Any discrepancies shall be immediately brought to the attention of the engineer. No property shall be left without any utility overnight.

3. Any water meters along the project that require adjustment or relocation will be done by the contractor and shall be subsidiary to other items in the contract.

4. All manhole rings and covers, inlet grates and frames, and storm sewer drainage culvert structures to be removed shall become property of the contractor. This work shall be considered to "removal of existing structures".

5. A full depth saw cut of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Removal limits shown within three (3) feet of existing joints shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

6. Rubble for the removal of miscellaneous structure and excess excavation and pavement removal, which is to be wasted and excavation to be wasted shall be disposed of on sites to be provided by the contractor. These sites shall be approved by the engineer as to suitability, appearance, and site locations. Locations that, in the opinion of the engineer, will leave an unsightly appearance will not be permitted.

7. All disposal sites must be approved by the Kansas Department of Health and Environment. Materials either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agricultural permit. Any materials dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations.

8. Any material buried or stockpiled beyond the approved construction limits would require additional archeological investigations unless buried in a previously approved borrow location.

9. The constructor shall be responsible for preserving property monuments. The contractor shall be required to re-establish any property monuments which are damaged or destroyed by their construction operations. Such monuments shall be re-established by a licensed land surveyor in accordance with state laws. No separate measurement or payment will be made for this work as it shall be considered subsidiary to other items in the contract.

10. All elevations and benchmarks are tied to NAVD88.

11. All labor, materials and equipment necessary to make connections to an existing pipe or existing structures shall not be paid for directly, but shall be subsidiary to the new pipe placement.

12. All storm sewer pipe placed beneath the street or driveway pavement shall receive flowable fill backfill. The contractor shall place flowable fill backfill around storm sewer pipe under pavement. The backfill shall be paid for as flowable fill - "low strength".

13. All existing structures within the construction limits shall be removed unless noted otherwise. The removal of these structure is covered as part of the bid items, "removal of existing structures". Existing utilities are to be relocated prior to construction by the responsibility of the contractor unless otherwise noted.

14. The contractor shall be responsible for implementing and maintaining the approved erosion control plan during the time of construction. Erosion control plan shall be subsidiary to temporary water pollution control.

15. All trees, hedge rows, shelter belts, and woody shrubs not shown to be removed, located between the construction limits and the right-of-way line or easement line shall be spared unless directed by the engineer to be removed. All trees within the appropriated clear zone shall be removed.

16. All locations where drainage flows away for the curb and gutter, the contractor shall construct an inverted gutter cross slope.

17. All waterline in conflict with proposed improvements shall be adjusted during construction by the contractor.

18. Waterline shall maintain at least 2 ft of vertical separation at waterline and sewerline crossings. Crossings at points where gravity sanitary sewers cross water lines with less than 2 ft of vertical separation, the sanitary sewer shall be constructed of materials specified in section 31000 of the project specifications or pipe shall be encased in concrete with a minimum thickness of 6 inches for a distance of 10 ft in each direction as measured from the outside of the pipe not being encased. This encasement with concrete shall be subsidiary to the waterline construction.

19. When potable water pipes and gravity sewers are laid parallel to each other, the horizontal distance between them shall not be less than 10ft.

20. Sidewalks, landscaping & irrigation are for information only. Conduit for these items are part of the contract.

21. Contractor shall field verify all plan tie-in points and elevations. Contractor shall notify the engineer of any discrepancies.

22. The Contractor shall utilize a KDOT approved concrete mix design for all concrete placed on the project, unless otherwise specified.

SUMMARY OF QUANTITIES
For Information Only

BID ITEM	QUANTITY	UNITS
MOBILIZATION	1	LS
CLEARING AND GRUBBING	1	LS
CONTRACTOR CONSTRUCTION STAKING	1	LS
REMOVE ASPHALT PAVEMENT	2,053	SY
REMOVE CONCRETE	303	SY
REMOVAL OF EXISTING STRUCTURES	1	LS
REMOVAL OF EXISTING UTILITIES	1	LS
COMMON EXCAVATION	743	CY
EARTHWORK COMPACTION	475	CY
CONCRETE PAVEMENT (6") (AE)	2,012	SY
CONCRETE SIDEWALK (4") (AE)	76	SY
THICKENED EDGE CONCRETE SIDEWALK (6") (AE)	144	SY
COMBINED CURB AND GUTTER (6")	720	LF
TRUNCATED DOMES	6	EA
4" SANITARY SEWER LINE (PVC)	57	LF
4" SANITARY SEWER SERVICE TAP	1	EA
2" WATER SERVICE LINE	45	LF
CONNECT TO EXISTING WATER LINE	1	EA
CONNECT TO EXISTING GAS LINE	1	EA
1" GAS LINE	48	LF
4" HDPE STORM SEWER PIPE	5	LF
SIDEWALK TRENCH DRAIN	6	EA
DIRECTIONAL SIGNAGE	1	LS
PAVEMENT MARKINGS	1	LS
EROSION CONTROL	1	LS

PROJECT CONTROL & BENCHMARKS

NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM #1	10000.0000	10000.0000	2602.8600	Top of Capped Pipe

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CHRISTINA ROSE COOK LICENSED 17885 KANSAS PROFESSIONAL ENGINEER
8/28/2025

UTILITY CONTACTS

Gas:
Black Hills Energy
Dodge City, Kansas 67801
620-338-5051

Electric:
Victory Electric
3230 N 14th
Dodge City, KS 64121
(785) 623-3025

Telephone:
AT&T
1-800-499-7926

Water and Sewer:
City of Dodge City
703 West Trail
Dodge City, KS 67801
620-225-8176

DESIGN ENGINEER
Christina Cook, PE
1115 Westport Drive Suite F
Manhattan, KS 66502
(785)-320-6639
Email: ccook@driggsdesign.com

Architect:
JGR
Mark Regier
730 N 9th Street
Salina, KS 67401
(785) 827-0386
Email: mregier@jgrarchitects.com

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
GENERAL NOTES

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 2 OF 16

8/27/2025
Kyler

CITY OF DODGE CITY, KANSAS
ASTRA BANK
EXISTING TOPOGRAPHIC SURVEY

No.	Revision	Date

LEGAL DESCRIPTION

1) Lots 3, 4, 5 and Lot 1 (EXCEPT the East 150') thereof, Block 1, Kinkead Addition.
2) The East 125' of Lot 3 and the East 125' of the South 50' of Lot 4, Block 1, Kinkead Addition.
3) Lots 1, 2 and the North 37.5' of Lot 3, Except the East 125' thereof, Block 2, Kinkead Addition.
All located in the Northridge Addition No. 1, of Dodge City, Kansas.

Surveyor's Certification

I hereby certify that the drawing hereon is a true representation of a survey performed under my personal supervision and to the best of my knowledge, land title lines have been established or re-established as shown hereon. Monuments found or set are as shown. Any obliterated corner location, Setbacks are based upon the 1957 Plat of Northridge Addition No. 1 and should be verified with the City.

Kevin W. Noll, LS # 1053

Utility Companies

Gas Company:
Black Hills Energy
620-339-5051

Electric Company:
Sunflower Electric
3320 N. 14th
620-225-5100

Telephone:
AT&T Telephone
No address
1-800-489-7926
No local contact person

Water & Sewer
City of Dodge City
Dodge City, KS
620-225-8176

Bench Marks:

(A) 2602.86: A-Z Surveying copped pipe near the South Line of the property (City of Dodge City GPS Network) (NAD 88 Datum)

Legend

- Fireplug
- Light Pole
- Gas Meter
- Water Meter
- Sewer Manhole
- Telephone Pedestal
- Utility Pole
- Curb Drop
- Flowline
- Concrete
- Concrete spot elevation
- Edge of Asphalt
- Asphalt spot elevation
- Overhead Electric Line
- Underground Telephone Line
- Gasline
- Sanitary Sewer Line
- Found 1/2" rebar (Origin Unknown) as labeled
- Set 1/2" I.D. "A-Z" pink plastic cap as labeled
- Found 1/2" rebar with yellow LS 1053 "A to Z" cap
- Recorded Value
- Measured value this survey

(00.00') 00.00'

NOTE: Add 2500 feet to all spot elevations below 2600.

0 10' 20' 40'
Scale: 1" = 20'

N

Scale: 1" = 20'	Project No. 16-005	Drawing No. 16-005.dwg	February 16, 2016

106 Kinkead Street & 2401 Central Avenue
Dodge City, Kansas

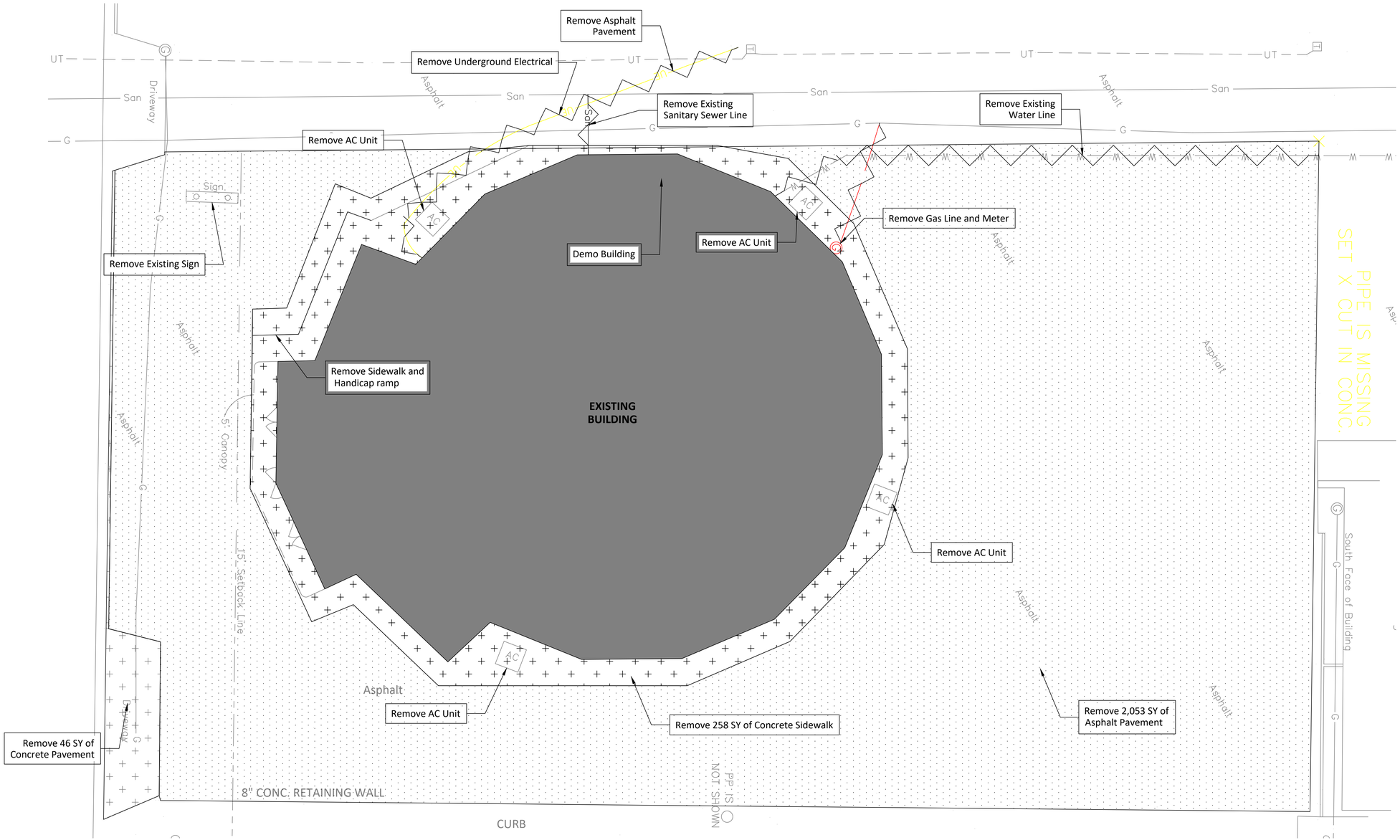
A to Z Land Surveying
23459 SW D Road, Wetmore, Kansas 66544 (Telephone 620-339-6585)

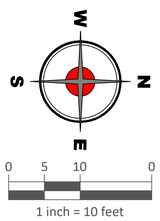
DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 3 OF 16

FOR INFORMATION ONLY

8/27/2025 Kyler





SITE LEGEND

- Remove Concrete Sidewalk
- Remove Asphalt Pavement
- Demo Building
- Demo Existing Utility

DEMO NOTES:

1. Contractor is responsible for coordinating with each utility owner regarding termination of utilities and removal of existing utility lines.
2. The Contractor shall field verify the actual locations, bury depths and sizes of all existing utilities prior to commencing construction activities. Contractor shall also contact any utility owner not subscribing to KANSAS ONE-CALL system.
3. The Contractor shall install and maintain initial erosion control BMP's along the private drive and other areas as shown on the Erosion Control Plan prior to commencing any significant land disturbance operations. Mud and debris dropped or tracked along the roadway shall be cleaned up, keeping the public ways clear. Other BMP's will be installed as construction progresses as part of the Erosion Control Plan.
4. The Contractor shall keep existing roadways open to the public. Contractor shall maintain or provide alternate provisions for pedestrian traffic in a manner that is acceptable to the owner. The Contractor shall stage, coordinate and schedule demolition activities in a manner that minimizes disruption of building services, along with both vehicular and pedestrian traffic. The Contractor shall provide and maintain temporary fences, barricades, warning devices and other appropriate measures to protect the public.
5. The Contractor shall disconnect/remove and cap designated utilities within the demolition areas.
6. The Contractor shall saw cut all limits of pavement demolition work clean, neat lines. Where practical, saw cut along the nearest appropriate joint or remove $\frac{1}{2}$ panel.
7. The Contractor shall backfill and compact depressions, open pits and holes caused as a result of the demolition. Backfill shall be placed and compacted in accordance with the earthwork specifications.

CHRISTINA ROSE GOODE
17885
KANSAS
PROFESSIONAL ENGINEER
8/28/2025

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
DEMOLITION PLAN

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
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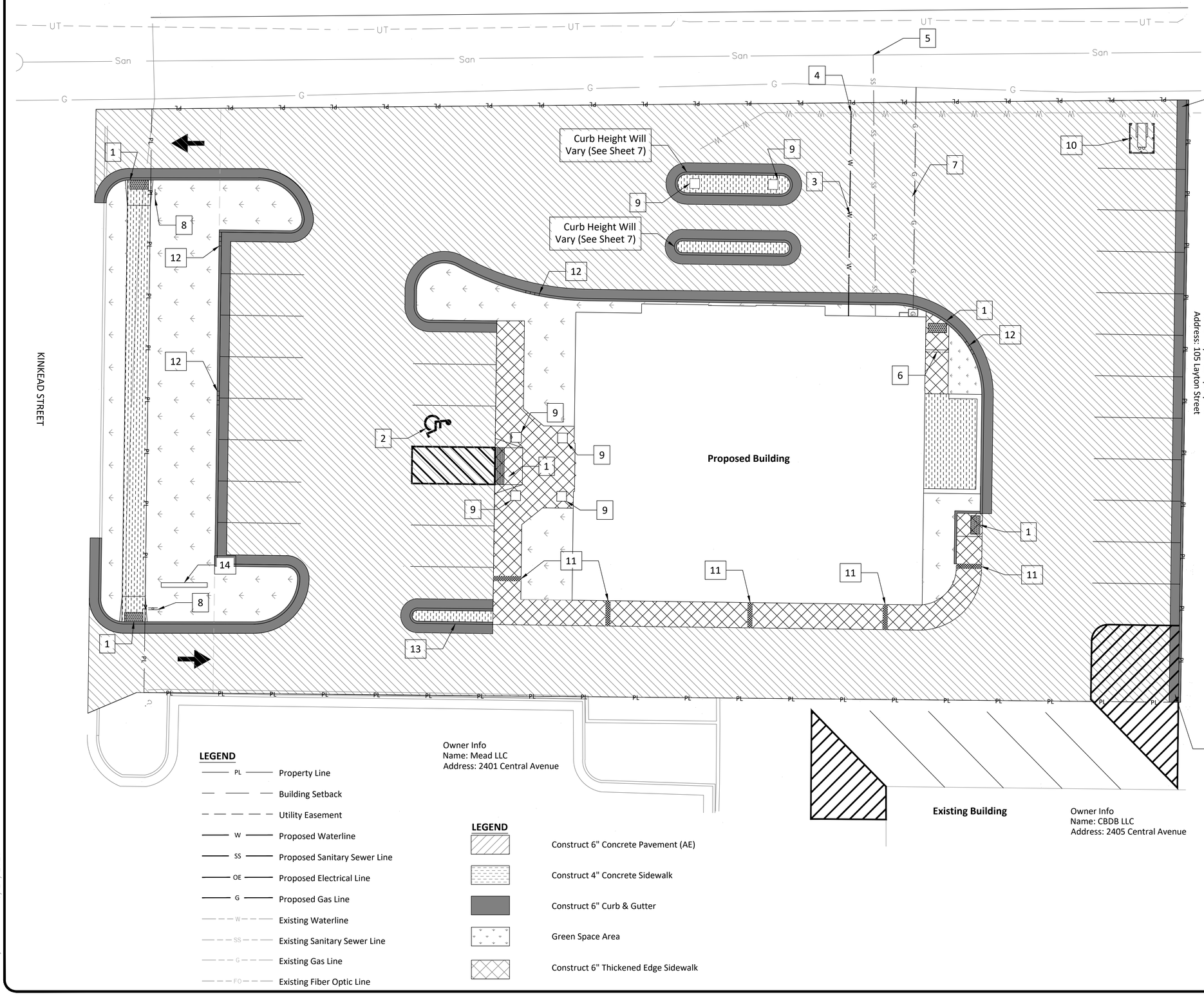
Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 4 OF 16

Kyler 7/30/2025 SheetSetLocation



SITE INFORMATION

1. Owner: Capitol Development
2. Current Zoning: C2
3. Site Area: 28968.4904 SF
4. Building Setbacks:
   - Front: 15'
5. Parking Requirements
   4,830 SF /200 = 24.15 Parking Stalls
   - 24 Regular Parking Stalls
   - 1 ADA Stalls
   - 25 Total

SITE IMPROVEMENTS

1	Construct ADA Ramp
2	Install ADA Stall w/ Signage
3	Install 1" Water Service
4	Connect to Existing Water Meter
5	Install 4" Sanitary Sewer Service
6	Install 4" HDPE Pipe under sidewalk
7	Install Gas Line
8	Proposed Directional Sign (See sheet 12)
9	Proposed Building Columns
10	Construct Trash Enclosure (See Architect Plans)
11	Install Trench Drain (See Architect Plans)
12	Install Concrete Curb Cut
13	Construct Transition Curb (6" to 3" height) (See grading plan)
14	Install Pole Sign (By others)

SHEET REFERENCE

1. See Sheet 6-7 for Geometric and Grading Plan
2. See Sheets 9-11 for Utility Plan & Details

LEGEND

- PL — Property Line
- Building Setback
- Utility Easement
- W — Proposed Waterline
- SS — Proposed Sanitary Sewer Line
- OE — Proposed Electrical Line
- G — Proposed Gas Line
- W — Existing Waterline
- SS — Existing Sanitary Sewer Line
- G — Existing Gas Line
- FO — Existing Fiber Optic Line

LEGEND

- Construct 6" Concrete Pavement (AE)
- Construct 4" Concrete Sidewalk
- Construct 6" Curb & Gutter
- Green Space Area
- Construct 6" Thickened Edge Sidewalk

CHRISTINA ROSE GOODLAND LICENSED 17885 KANSAS PROFESSIONAL ENGINEER 8/28/2025

1 inch = 10 feet

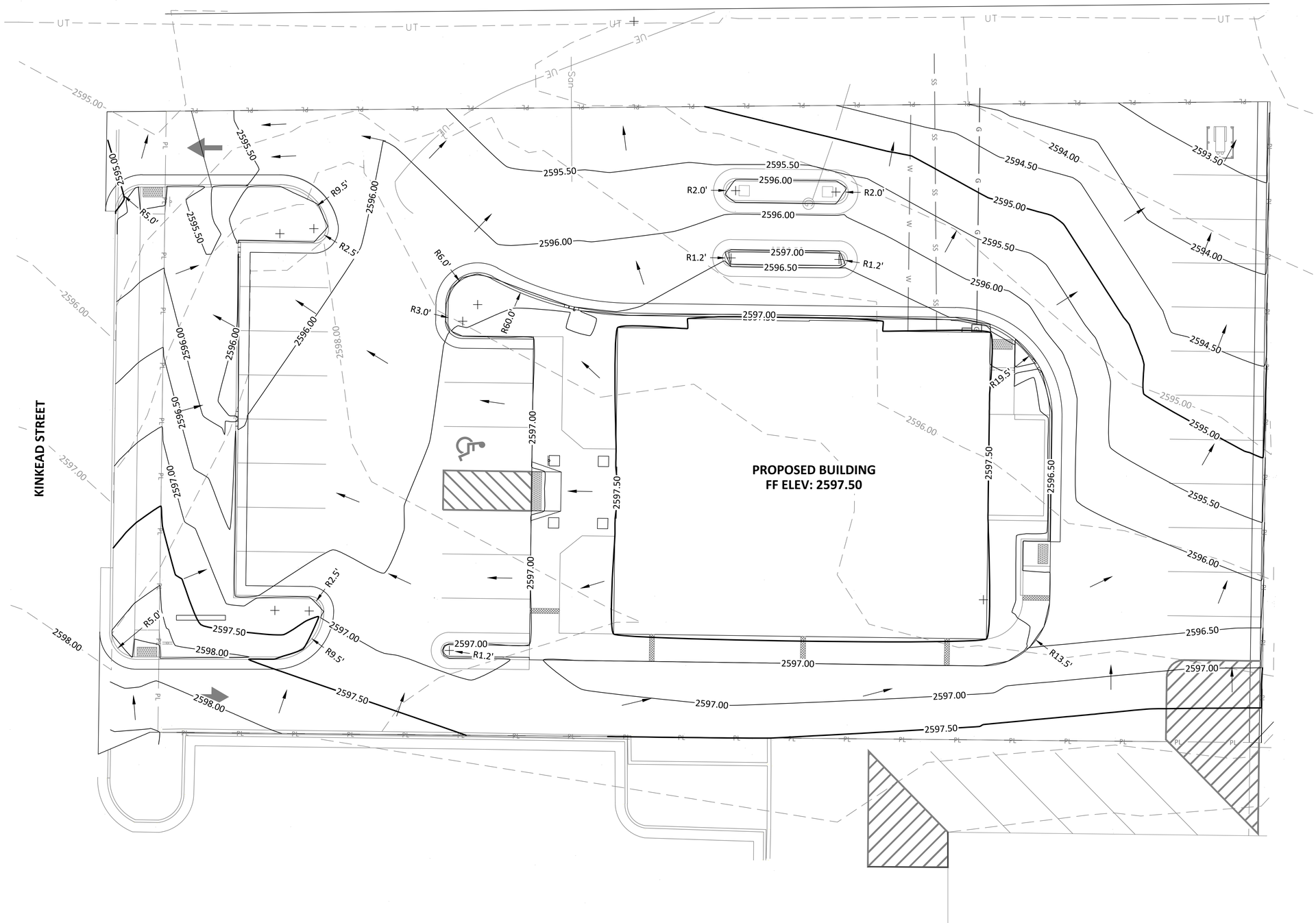
No.	Revision	Date

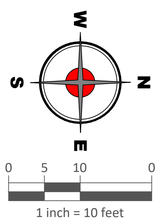
CITY OF DODGE CITY, KANSAS
ASTRA BANK
SITE PLAN

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 5 OF 16

Kyler 8/27/2025 SheetSatLocation





GRADING LEGEND

- Flow direction
- 2120 — Proposed contour
- 2120 — Existing contour
- Flowline

NOTES

1. All elevations are to finish grade.
2. See sheet 13 for erosion control plan.
3. All locations where drainage flows away for the curb and gutter, the contractor shall construct an inverted gutter cross slope.

CHRISTINA ROSE GOODE
LICENSED
17885
KANSAS
PROFESSIONAL ENGINEER
8/28/2025

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
GRADING PLAN

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
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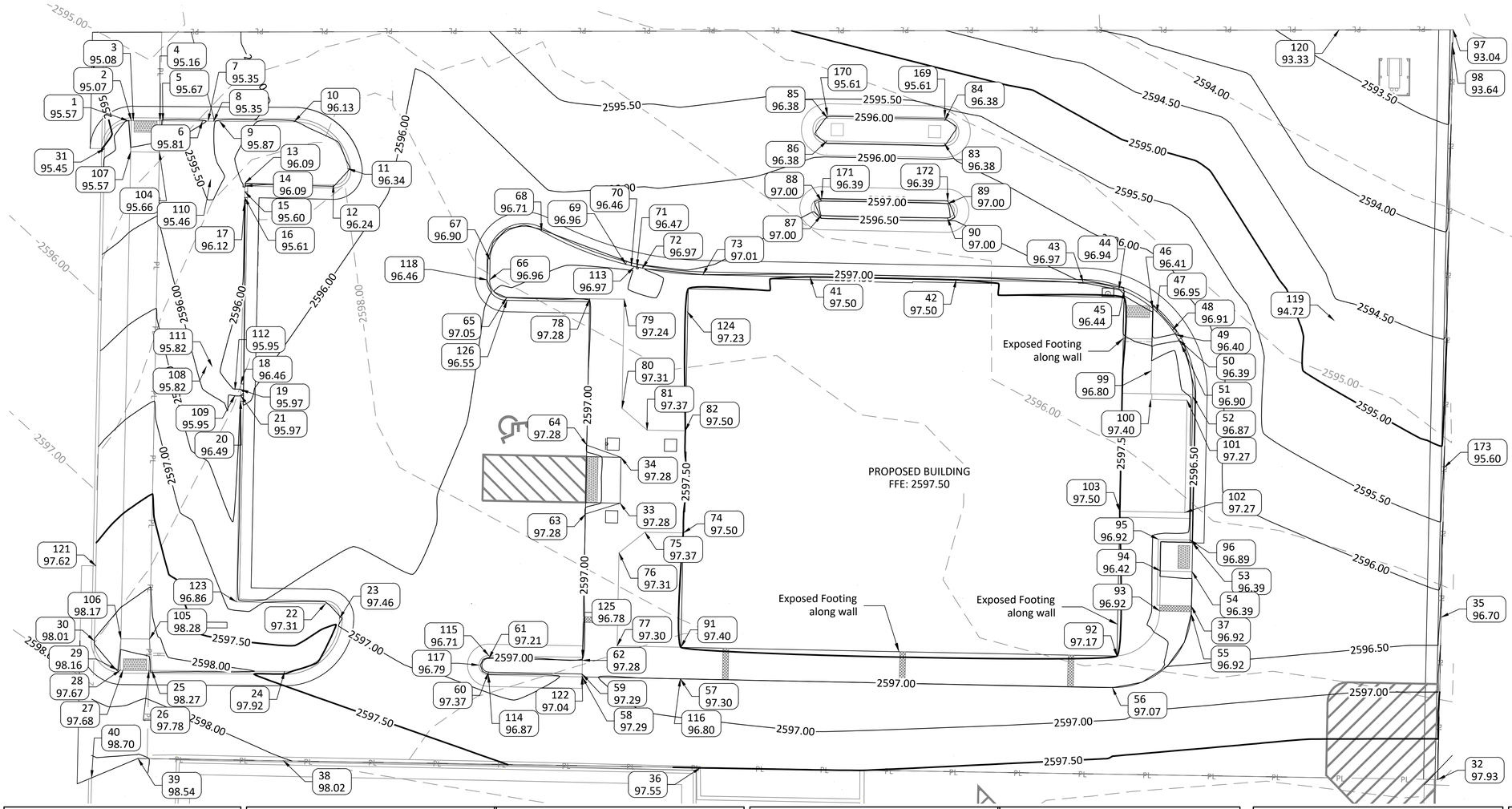
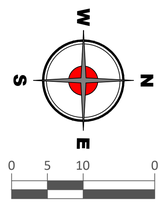
Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 6 OF 16

Kyler 8/26/2025 SheetSetLocation





GRADING LEGEND

- Flow direction
- 2120 — Proposed contour
- – 2120 – Existing contour
- Flowline

NOTES

1. All elevations are to finish grade.
2. See sheet 13 for erosion control plan.
3. All locations where drainage flows away for the curb and gutter, the contractor shall construct an inverted gutter cross slope.
4. Curb height around drive through islands will vary in height

POINT LEGEND

TOP	Top of Pavement
SW	Sidewalk
TOSW	Top of Sidewalk
BOSW	Bottom of Sidewalk
BOC	Back of Curb
FL	Flowline

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
1	10242.47	9936.70	2595.57	BOC
2	10242.97	9936.64	2595.07	BOC
3	10243.32	9936.63	2595.08	BOC
4	10247.97	9936.63	2595.16	BOC
5	10248.47	9936.63	2595.67	BOC
6	10255.34	9936.63	2595.81	BOC
7	10256.34	9936.63	2595.35	BOC
8	10257.34	9936.63	2595.35	BOC
9	10258.34	9936.63	2595.87	BOC
10	10271.36	9936.64	2596.13	BOC
11	10280.76	9944.76	2596.34	BOC
12	10278.25	9947.62	2596.24	BOC
13	10262.84	9947.41	2596.09	BOC
14	10262.83	9947.91	2596.09	BOC
15	10262.82	9948.91	2595.60	FL
16	10262.81	9949.91	2595.61	FL
17	10262.79	9950.91	2596.12	BOC
18	10262.37	9982.41	2596.46	BOC
19	10262.36	9983.41	2595.97	FL
20	10262.33	9985.41	2596.49	BOC

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
21	10262.35	9984.41	2595.97	FL
22	10277.36	10020.61	2597.31	BOC
23	10279.83	10023.16	2597.46	BOC
24	10270.33	10032.48	2597.92	BOC
25	10247.19	10032.47	2598.27	BOC
26	10246.70	10032.47	2597.78	BOC
27	10242.14	10032.47	2597.68	BOC
28	10241.69	10032.45	2597.67	BOC
29	10241.19	10032.38	2598.16	BOC
30	10237.14	10027.40	2598.01	BOC
31	10238.32	9941.56	2595.45	BOC
32	10471.47	10049.95	2597.93	BOC
33	10328.61	10002.72	2597.28	ADA
34	10328.71	9994.75	2597.28	ADA
35	10471.87	10021.65	2596.70	BOC
36	10342.92	10048.77	2597.55	BOC
37	10428.31	10019.98	2596.92	TOSW
38	10270.22	10048.01	2598.02	PV
39	10244.87	10047.83	2598.54	PV
40	10236.82	10051.24	2598.70	PV

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
41	10361.45	9963.08	2597.50	BOC
42	10386.92	9963.42	2597.50	BOC
43	10409.08	9963.71	2596.97	BOC
44	10415.31	9964.82	2596.94	BOC
45	10416.24	9965.18	2596.44	BOC
46	10421.20	9968.14	2596.41	BOC
47	10421.96	9968.80	2596.95	BOC
48	10424.70	9971.90	2596.91	BOC
49	10425.26	9972.73	2596.40	FL
50	10425.78	9973.58	2596.39	FL
51	10426.25	9974.46	2596.90	BOC
52	10428.32	9983.48	2596.87	BOC
53	10428.46	10008.98	2596.39	SW
54	10428.39	10013.98	2596.39	SW
55	10428.29	10021.33	2596.92	TOSW
56	10414.62	10034.29	2597.07	TOSW
57	10339.32	10033.29	2597.30	TOSW
58	10322.20	10033.06	2597.29	TOSW
59	10322.21	10032.56	2597.29	BOC
60	10305.89	10032.35	2597.37	BOC

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
61	10305.92	10029.98	2597.21	BOC
62	10322.24	10030.17	2597.28	TOSW
63	10322.58	10004.68	2597.28	TOSW
64	10322.74	9992.67	2597.28	TOSW
65	10308.63	9967.01	2597.05	BOC
66	10305.62	9963.97	2596.96	BOC
67	10305.67	9960.54	2596.90	BOC
68	10314.57	9955.37	2596.71	BOC
69	10329.30	9961.12	2596.96	BOC
70	10330.28	9961.35	2596.46	FL
71	10331.25	9961.56	2596.47	FL
72	10332.23	9961.76	2596.97	BOC
73	10342.75	9962.83	2597.01	BOC
74	10339.66	10007.85	2597.50	SW
75	10332.97	10007.76	2597.37	SW
76	10328.49	10011.39	2597.31	SW
77	10328.27	10027.64	2597.30	SW
78	10323.08	9967.17	2597.28	TOSW
79	10329.08	9967.17	2597.24	SW
80	10328.83	9986.21	2597.31	SW

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
81	10333.23	9989.97	2597.37	SW
82	10339.90	9990.06	2597.50	SW
83	10384.71	9939.64	2596.38	BOC
84	10384.76	9935.64	2596.38	BOC
85	10364.30	9935.36	2596.38	BOC
86	10364.25	9939.36	2596.38	BOC
87	10363.34	9952.35	2597.00	BOC
88	10363.38	9949.85	2597.00	BOC
89	10385.35	9950.14	2597.00	BOC
90	10385.32	9952.64	2597.00	BOC
91	10339.39	10027.80	2597.40	SW
92	10415.39	10028.81	2597.17	SW
93	10422.80	10020.91	2596.92	SW
94	10422.90	10013.91	2596.42	BOC
95	10422.47	10008.40	2596.92	BOC
96	10427.97	10008.48	2596.89	BOC
97	10473.25	9919.21	2593.04	BOC
98	10473.21	9922.21	2593.64	BOC
99	10421.06	9979.04	2596.80	SW
100	10421.00	9984.04	2597.40	SW

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
101	10427.32	9984.13	2597.27	SW
102	10427.06	10003.71	2597.27	SW
103	10415.72	10003.56	2597.50	SW
104	10247.90	9942.13	2595.66	SW
105	10246.77	10026.97	2598.28	SW
106	10241.76	10026.97	2598.17	SW
107	10242.90	9942.06	2595.57	SW
108	10256.33	9979.41	2595.82	GR
109	10261.34	9984.41	2595.95	GR
110	10256.87	9946.81	2595.46	GR
111	10257.33	9979.41	2595.82	GR
112	10261.34	9983.41	2595.95	GR
113	10330.74	9961.58	2596.97	GR
114	10305.88	10032.85	2596.87	FL
115	10305.93	10029.48	2596.71	FL
116	10339.32	10033.30	2596.80	BOSW
117	10304.22	10031.14	2596.79	FL
118	10305.12	9963.96	2596.46	FL
119	10452.86	9970.05	2594.72	FL
120	10453.37	9919.39	2593.33	PV

POINT TABLE

Pt #	Northing	Easting	Elevation	Desc
121	10237.32	10014.30	2597.62	BOC
122	10322.20	10033.07	2597.04	BOSW
123	10261.86	10020.41	2596.86	BOC
124	10340.08	9969.29	2597.23	GR
125	10322.24	10029.67	2596.78	BOSW
126	10308.67	9967.51	2596.55	FL

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
GEOMETRICS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
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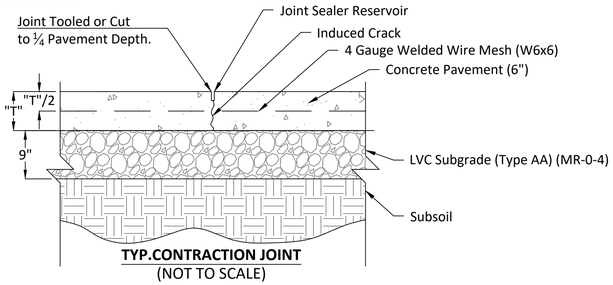
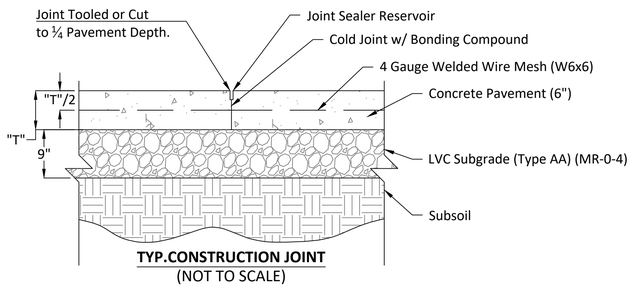
8/26/2025 SheetSetLocation
Kyler



TYP.CONTRACTION JOINT
(NOT TO SCALE)



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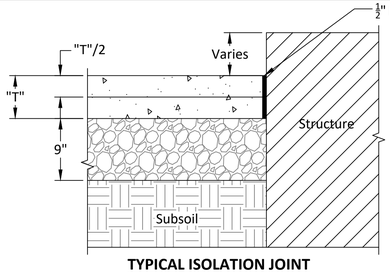


TYPICAL ISOLATION JOINT
(NOT TO SCALE)

THICKNESS "T":
DETAILS SHALLL BE USED FOR ALL PAVEMENTS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE, UNLESS OTHERWISE
NOTED:

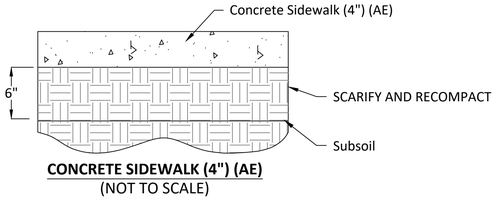
"T" = 4" IN NON-VEHICULAR PVMTS (SIDEWALK)
"T" = 6" IN "LIGHT-DUTY" PVMT
"T" = 8" IN "HEAVY-DUTY" PVMT

DOWEL BAR SIZE:

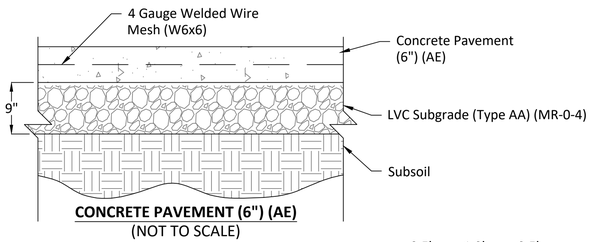
"T"	*DIA,*	*"E"*	*LENGTH*
6"	#4	6"	14"
8"	#4	6"	14"

PAVEMENT NOTES:

1. IN VEHICULAR PVMTS, JOINTS MAY BE SAW-CUT OR TOOLED. IN OTHER PVMTS, JOINTS SHALL BE TOOLED
2. JOINT SEALANT SHALL BE REQUIRED IN ALL VEHICULAR PVMTS.
3. IN VEHICULAR PVMTS, 6"X6"/ W2.9 X W2.9 WELDED WIRE MESH SHALL BE INSTALLED, UNLESS OTHERWISE SPECIFIED
4. IN ALL OTHER PVMTS, 6"X6"/ W1.4 X W1.4 WELDED WIRE MESH SHALL BE INSTALLED, UNLESS OTHERWISE SPECIFIED.
5. "LIGHT-DUTY" PVMTS SHALL BE INSTALLED IN CAR PARKING AREAS. "HEAvY-DUTY" PVMTS SHALL BE INSTALLED IN VEHICULAR DRIVING LANES.
6. IF CURB, PAVEMENT AND/OR SIDEWALK TO BE REMOVED OF AN EXISTING JOIN, REMOVE CURB, PAVEMENT AND/OR SIDEWALK BACK TO EXISTING JOINT



CONCRETE SIDEWALK (4") (AE)
(NOT TO SCALE)



CONCRETE PAVEMENT (6") (AE)
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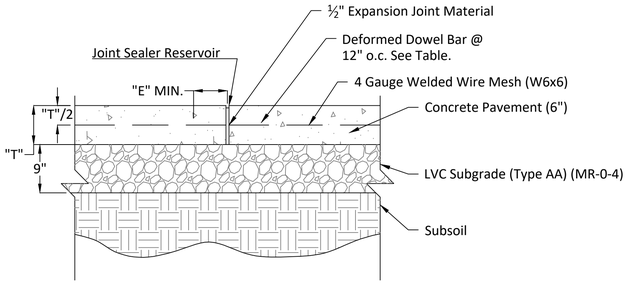

TYP. EXPANSION JOINT
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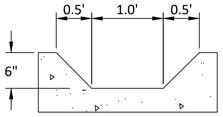
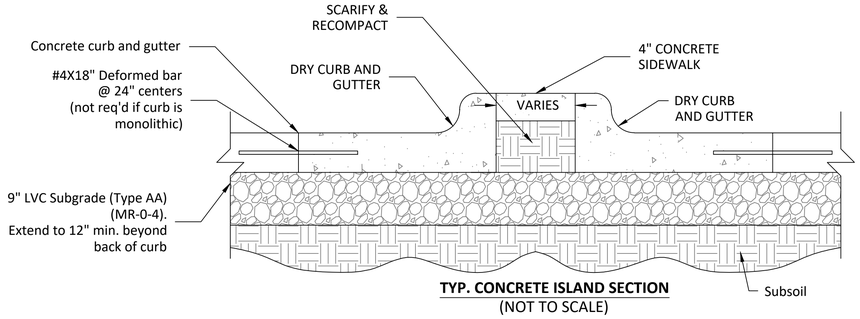
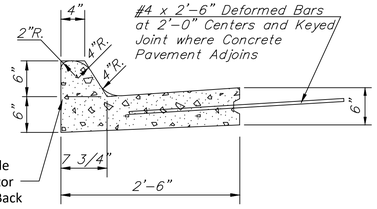


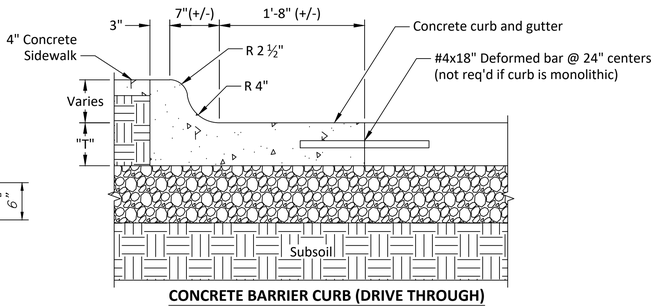
TYPICAL CONCRETE CURB CUT
(NOT TO SCALE)



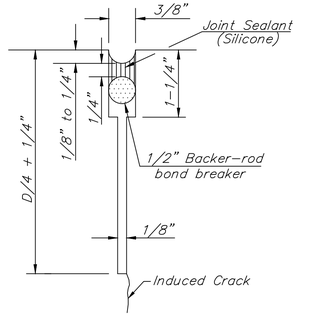
TYP. CONCRETE ISLAND SECTION
(NOT TO SCALE)



COMBINED CURB AND GUTTER (6")
(NOT TO SCALE)



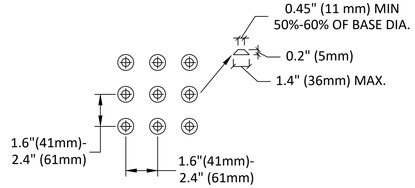
CONCRETE BARRIER CURB (DRIVE THROUGH)
(NOT TO SCALE)



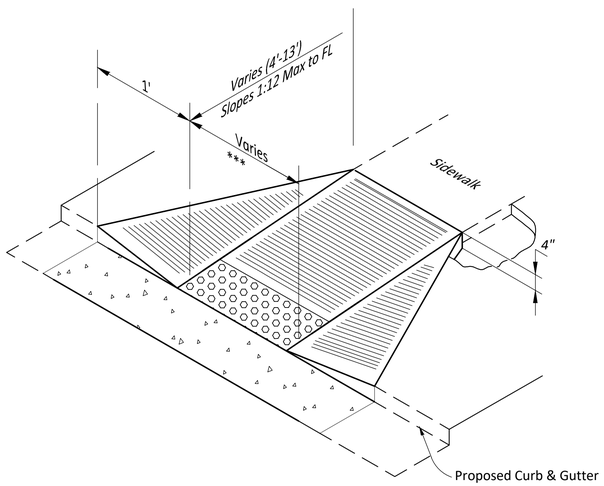
JOINT SEALANT DETAIL

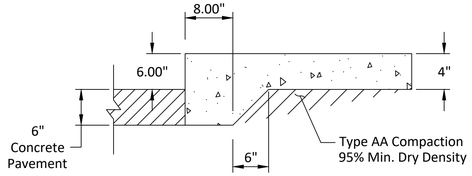
The 1/8" saw cut (D/4 + 1/4" depth) shall be done initially; the 3/8" saw cut shall be performed in a separate operation after the concrete has gained sufficient strength to avoid spalling as determined by the Engineer.

At Longitudinal Construction Joints where the adjacent slabs are at different elevations the depth of saw cut for the sealant reservoir should be measured from the top of the lower slab. This is to ensure that sufficient sealant is used in the joint.

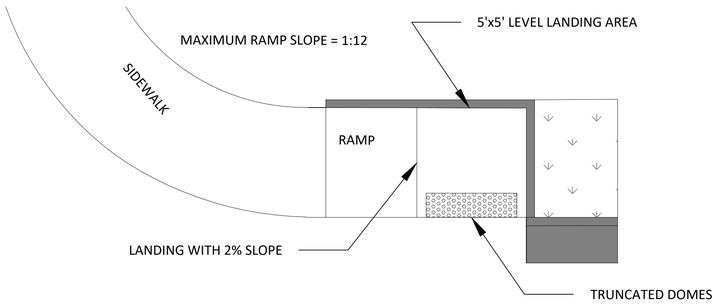


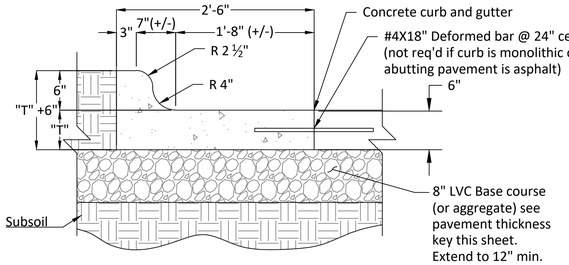
DETECTABLE WARNING SURFACE PATTERN
(NOT TO SCALE)





THICKENED EDGE SIDEWALK (AE)
(NOT TO SCALE)





TYP. DRY CURB AND GUTTER
(NOT TO SCALE)

CHRISTINA ROSE CAY LICENSED 17885 KANSAS PROFESSIONAL ENGINEER
8/28/2025

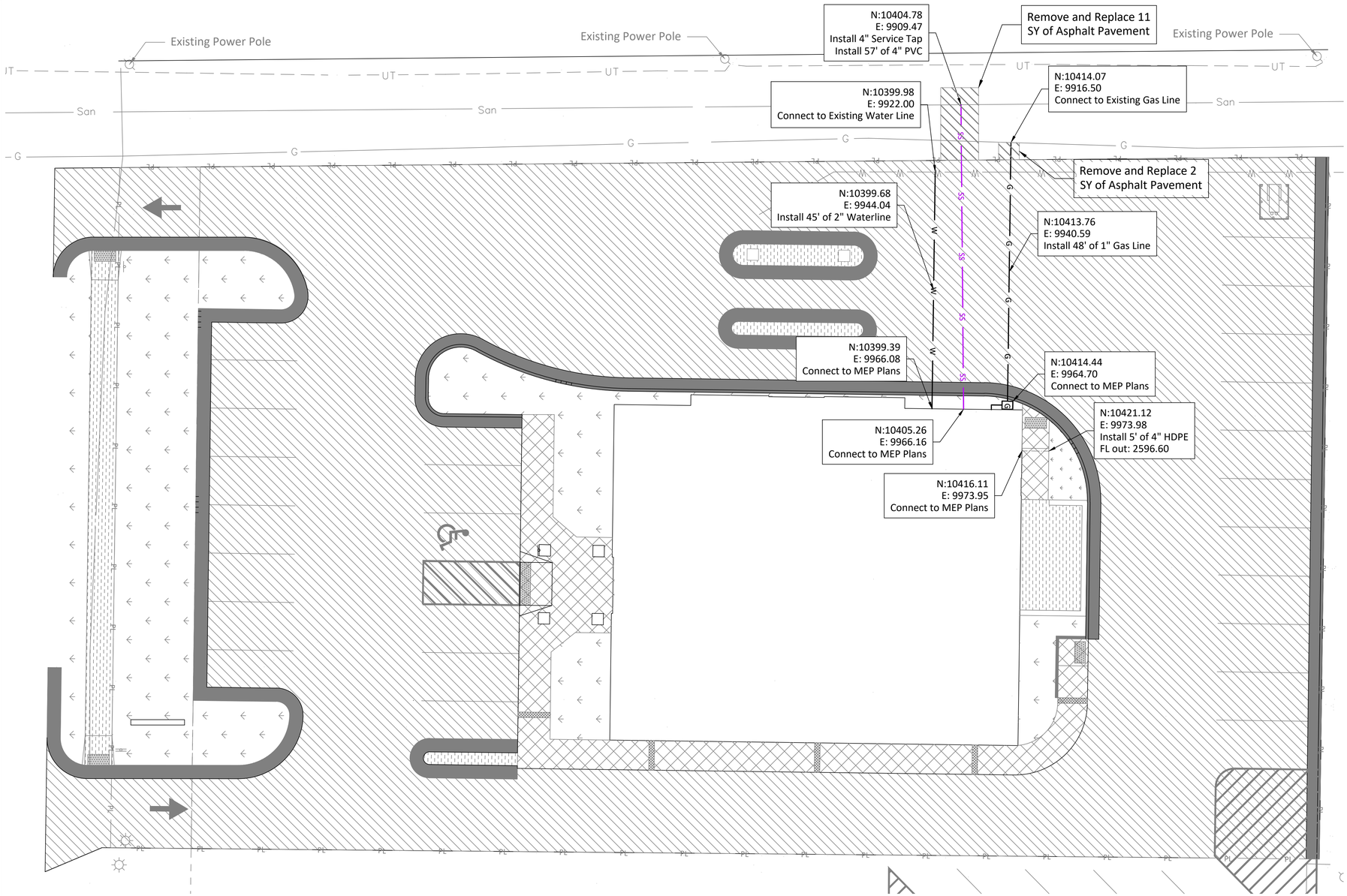
No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
PAVEMENT DETAILS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 8 OF 16

8/27/2025 SheetSetLocation
Kyler



N
W
S
E

0 5 10 0

1 inch = 10 feet

CHRISTINA ROSE GOODLAND
17865
KANSAS
PROFESSIONAL ENGINEER
8/28/2025

LEGEND

- PL — Property Line
- Building Setback
- Utility Easement
- W — Proposed Waterline
- SS — Proposed Sanitary Sewer Line
- OE — Proposed Electrical Line
- G — Proposed Gas Line
- W — Existing Waterline
- SS — Existing Sanitary Sewer Line
- G — Existing Gas Line
- FO — Existing Fiber Optic Line

UTILITY CONTACTS

Gas:
Black Hills Energy
Dodge City, Kansas 67801
620-338-5051

Electric:
Victory Electric
3230 N 14th
Dodge City, KS 64121
(785) 623-3025

Telephone:
AT&T
1-800-499-7926

Water and Sewer:
City of Dodge City
703 West Trail
Dodge City, KS 67801
620-225-8176

UTILITY NOTES

1. The contractor shall field verify the location, bury depths and sizes of all existing utilities prior to commencing construction.
2. The contractor shall contact any utility owners not subscribed to Kansas One-Call System.
3. See MEP plans for the building utilities tie in information.
4. Quantities are for information only. Contractors shall be responsible for verification.
5. Electric service location to be determined by MEP Engineer.
6. Waterline to be installed a minimum of 4 ft. below finish grade.

811

KANSAS ONE-CALL
1-800-DIG-SAFE (344-7233)
ALLOW 2-10 WORKING DAYS

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
UTILITY PLAN

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
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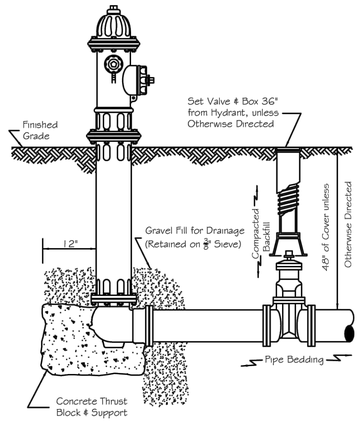
Kyler 8/27/2025 SheetSetLocation

Fire Hydrant Assembly

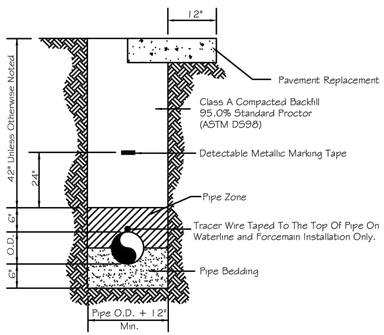


FIRE HYDRANT ASSEMBLY NOTES:
1) ALL HYDRANTS SHALL BE AVK, CLOW, or US PIPE. HYDRANTS SHALL HAVE 2-2½" HOSE NOZZLES, -5" PUMPER HOOK UP and A 5¼" MAIN VALVE.

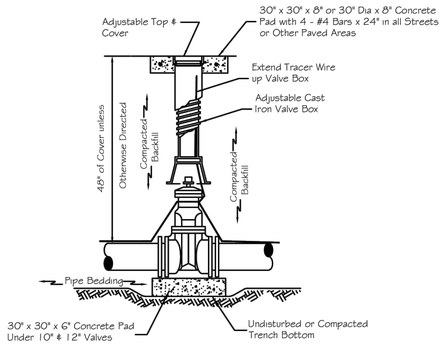
2) ALL HYDRANTS SHALL HAVE A STANDARD 4' BURY DEPTH UNLESS OTHERWISE DIRECTED. BARREL EXTENSIONS TO SET HYDRANT BURY LINE AT FINISH GRADE SHALL BE SUBSIDIARY TO THE FIRE HYDRANT ASSEMBLY.

3) SETTING THE HYDRANT PLUMB, CONCRETE SUPPORT/THURST BLOCK, GRAVEL FOR DRAIN, and EXCAVATION TO SET HYDRANT SHALL BE SUBSIDIARY TO THE FIRE HYDRANT ASSEMBLY.

Trench Details



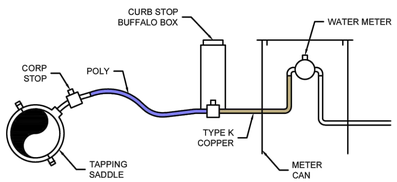
Water Valve Assembly 12" & smaller



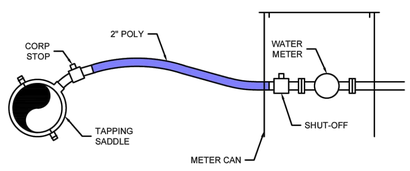
WATER VALVE ASSEMBLY NOTES:
1) ALL GATE VALVES SHALL BE AVK, CLOW, or US PIPE. GATE VALVES SHALL BE RESILIENT WEDGE TYPE . VALVE BOX SHALL BE ADJUSTABLE CAST IRON TYPE.

2) BASE OF VALVE BOX SHALL NOT REST ON OR TOUCH TOP OF VALVE. VALVE BOX SHALL BE SET PLUMB AND CENTERED OVER VALVE.

3/4" & 1 " Water Service



2" Water Service

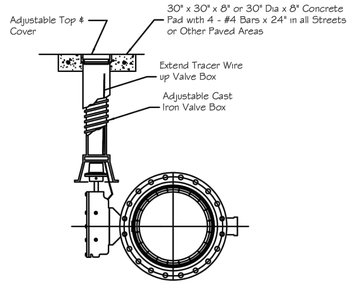


WATER SERVICE NOTES:
1) CORP AND CURB STOPS SHALL BE FORD METER BOX COMPANY (SEE PART NUMBERS IN TABLE BELOW) AND INSTALLED BY CONTRACTOR.

2) CITY CREWS WILL INSTALL THE METERS AND ELBOWS.

	FORD METER BOX CO. - PART NUMBERS	
SIZE	CURB STOP	CORP STOP
¾"	B46-333-NL	F1000 3NL
1"	B44-44M-NL	FB 1000 4NL
2"	BF43-77W-NL	FB 1000 7NL

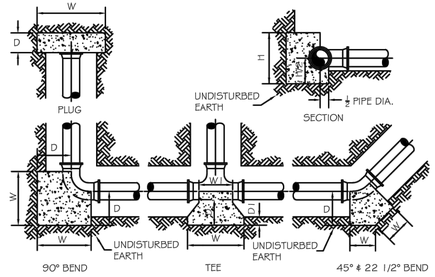
Butterfly Water Valve Assembly larger than 12"



BUTTERFLY VALVE ASSEMBLY NOTES:
1) ALL BUTTERFLY VALVES SHALL BE PRATT VALVE or MUELLER, WITH BURIED ACTUATOR & 2" OPERATING NUT. VALVE BOX SHALL BE ADJUSTABLE CAST IRON TYPE.

2) BASE OF VALVE BOX SHALL NOT REST ON OR TOUCH TOP OF VALVE. VALVE BOX SHALL BE SET PLUMB AND CENTERED OVER OPERATING NUT.

Thrust Block Details



MINIMUM CONCRETE THRUST BLOCK DIMENSIONS IN INCHES

PIPE DIA.	TEES				PLUGS			90° BENDS			45° BENDS			22 ½° BENDS		
	W	W1	D	D1	H	W	D	H	W	D	H	W	D	H	W	D	H
4"	12	12	9	-	21	12	9	22	18	9	12	9	12	12	6	12	12
6"	22	15	15	6	28	22	12	28	22	15	18	9	12	22	7	12	18
8"	32	18	20	6	30	32	18	30	30	20	24	12	18	34	9	18	22
10"	36	20	21	6	40	36	22	40	33	22	32	16	24	36	12	24	28
12"	46	26	30	6	48	46	22	48	40	28	40	20	30	46	12	24	28
14"	50	28	30	6	52	50	24	50	46	32	42	22	36	48	14	32	36
16"	52	30	32	6	54	54	24	54	50	36	42	24	40	48	15	34	42
18"	60	36	32	6	60	60	24	60	54	36	48	27	44	54	17	37	46

CONTACT ENGINEER FOR OTHER PIPE SIZES

NOTES:

TRENCH NOTES:

1) FOR DETECTION, PROTECTION AND IDENTIFICATION OF SEWER AND WATER MAINS, THE CONTRACTOR SHALL INSTALL A DETECTABLE METALLIC MARKING TAPE IN THE TRENCH OVER THE SEWER AND/OR WATER MAIN(S) AT THE TIME OF BACK FILLING, THE TAPE SHELL BE PLACED IN THE TRENCH AT A DEPTH OF TWO FEET (2'), BUT NOT MORE THAN THREE FEET (3') ABOVE THE PIPE OVER THE CENTERLINE OF THE SEWER AND/OR WATER MAIN(S).

THE DETECTABLE METALLIC UNDERGROUND MARKING TAPE SHALL MEET THE FOLLOWING SPECIFICATIONS:

MATERIAL: THE TAPE SHALL BE ALUMINUM FOIL ENCASED IN AN IMPERVIOUS MYLAR PLASTIC COATING ON BOTH SIDES.

THICKNESS: THE TAPE SHALL BE 5 MILS THICK.

WIDTH OF TAPE: THE TAPE SHALL BE THREE INCHES (3") IN WIDTH.

PRINTING: THE COLOR AND PRINTING SHALL BE UNDER THE IMPERVIOUS MYLAR PLASTIC COATING.

COLORING: THE COLOR USED ON THE TAPE SHALL BE GREEN FOR SEWER AND BLUE FOR WATER.

WARNING MESSAGE: THE FOLLOWING MESSAGE SHALL BE REPEATED ON THE TAPE, "CAUTION-BURIED SEWER LINE BELOW" FOR THE SEWER MAINS AND "CAUTION-BURIED WATER LINE BELOW" FOR THE WATER MAINS.

THE COST OF INSTALLING THE UNDERGROUND MARKING TAPE SHALL BE CONSIDERED SUBSIDIARY TO THE INSTALLATION OF THE SEWER AND/OR WATER MAIN(S) AND NOT PAID FOR SEPARATELY.

2) WATER PIPING SYSTEM:

WATER MAINS SHALL BE CONSTRUCTED WITH ONE OF THE FOLLOWING;
C-900, CLASS 150 PLASTIC PIPE (4" THRU 12" MAINS)
C-905, CLASS 150 PLASTIC PIPE (MAINS LARGER THAN 12")
CLASS 150 DUCTILE IRON PIPE WITH POLYETHYLENE SLEEVE

SERVICE LINES SHALL BE CONSTRUCTED USING ONE OF THE FOLLOWING MATERIALS; TYPE K COPPER TUBING OR 1" & 2" POLYETHYLENE PIPE. SERVICE CONNECTIONS ON PVC PIPE SHALL BE MADE WITH THE USE OF A TAPPING SADDLE, DUCTILE IRON PIPE MAY BE DIRECT TAPPED.

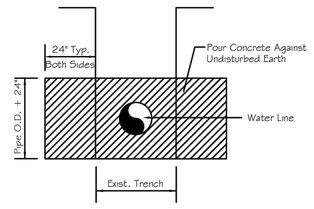
ANY BRASS ITEMS NEEDED FOR WATERMAIN CONSTRUCTION SHALL BE MANUFACTURED BY AY McDONALD, MULLER OR FORD.

3) TRACER WIRE:

CONDUCTIVE TYPE TRACER WIRE SHALL BE INSTALLED TO LOCATE ALL WATERLINE AND/OR FORCE MAIN PIPE REGARDLESS OF PIPE MATERIAL. THE WIRE SHALL EXTEND THE ENTIRE LENGTH OF THE PROPOSED PIPE. THE WIRE SHALL BE TAPED TO THE PIPE EVERY THREE FEET (3') AS A MINIMUM. SPLIT-BOLT CONNECTORS SHALL BE USED AT SPLICE LOCATIONS, ELECTRICAL TAPE SHALL COVER ALL SPLICES SO NO BARE WIRE IS EXPOSED. THE TRACER WIRE SHALL BE CONNECTED TO AN ANODE AT THE BEGINNING AND END OF THE PROPOSED LINE. THE ANODE SHALL BE A 1 LB. ZINC OR MAGNESIUM BARE BAR.

THE TRACER WIRE SHALL BE BLUE NO. 12 THHN ANNEALED SOFT COPPER WIRE WITH THERMAL PLASTIC INSULATION. THE INSULATION SHALL BE HEAT, OIL, AND GASOLINE RESISTANT AS MANUFACTURED BY TEMPLE ELECTRIC OR APPROVE EQUAL.

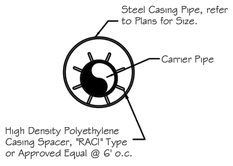
Straddle Block Detail



STRADDLE BLOCK NOTES:
1) BLOCK THICKNESS SHALL BE 24".

2) A M.J. RETAINER GLAND SHALL BE INSTALLED ON WATERLINE AND PLACED IN THE CENTER OF THE STRADDLE BLOCK.

Casing Detail



DRAWN BY TR	CITY OF DODGE CITY, KANSAS CITY HALL ENGINEERING DEPARTMENT (620) 225-8106	PROJECT NO
CHECKED BY RS	WATER DETAILS	SHEET OF
DATE 2/23		REVISIONS

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
UTILITY DETAILS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
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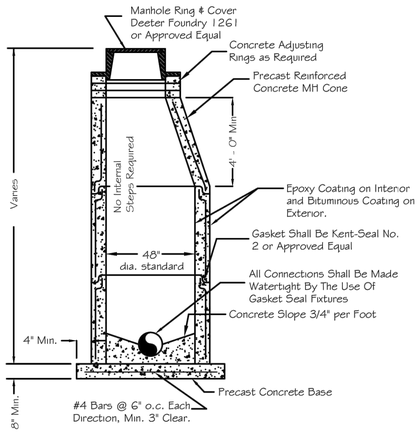
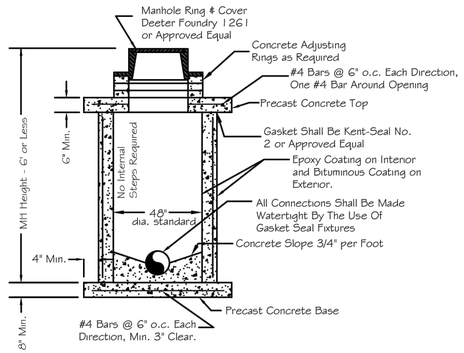
Kyler 7/30/2025 SheetSetLocation

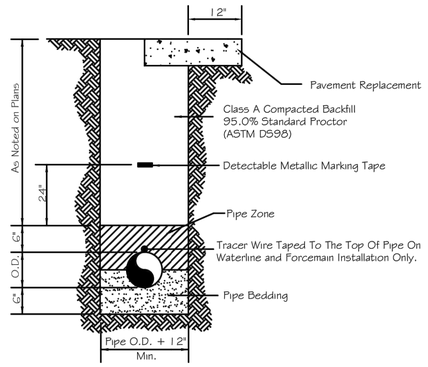
Standard Manhole (Height greater than 6')



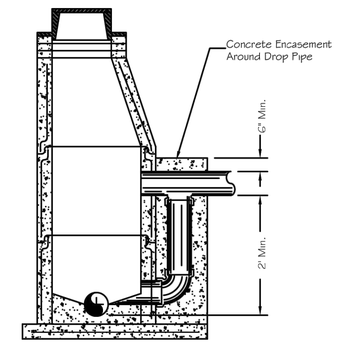
Shallow Manhole (Height 6' or Less)

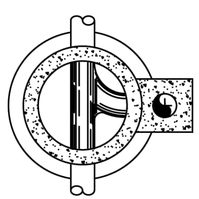


Trench Details



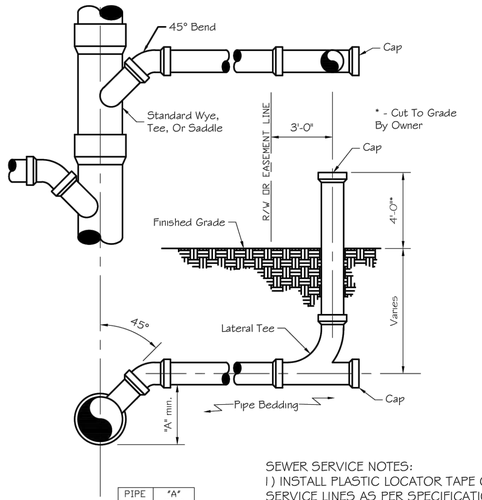
Drop Manhole
(For All Dimensions & Information Not Shown, See The Standard Manhole Detail)





Plan View

Sewer Service Line Details

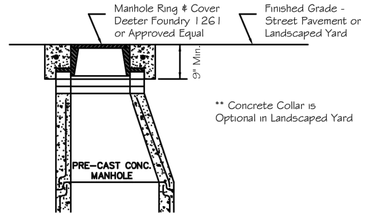


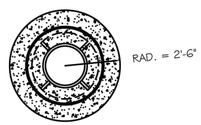
PIPE I.D.	"A" (FT.)
8"	1.167
10"	1.333
12"	1.500
15"	1.667
18"	1.834

SEWER SERVICE NOTES:
1) INSTALL PLASTIC LOCATOR TAPE OVER SERVICE LINES AS PER SPECIFICATION.

2) INSTALL 4" SERVICE LINES @ 2.0% GRADE. INSTALL SERVICE LINES IN ACCORDANCE WITH DODGE CITY STANDARD SPECIFICATIONS AND PLUMBING CODES. TRENCHING, BACK FILLING, AND COMPACTION SHALL BE PERFORMED ACCORDING TO DODGE CITY STANDARD SPECIFICATIONS. COMPACTION SHALL BE 95.0% IN R/W's AND 90.0% IN EASEMENTS.

Manhole Ring & Cover Details





Plan View

NOTES:

MANHOLE FRAME AND COVER NOTES:

1. CAST IRON MANHOLE FRAME AND COVER SHALL CONFORM TO ASTM A-48, CLASS 30, OR BETTER.

2. THE FRAMES AND COVERS SHALL BE OF A NONROCKING TYPE OR WITH MACHINED BEARING SURFACES SO FITTING PARTS WILL NOT RATTLE OR ROCK UNDER TRAFFIC.

3. MANHOLE CASTING SHALL BE DEETER FOUNDRY INC. NO. 1261 WITH "CITY OF DODGE CITY, SEWER DEPT." LETTERING. THE MINIMUM WEIGHT SHALL BE 430 LBS. ALL MANHOLE CASTINGS, REGARDLESS OF TYPE, SHALL BE CONSIDERED SUBSIDIARY TO THE UNIT PRICES BID FOR THE VARIOUS MANHOLE TYPES.

4. GRIND ALL BURRS SMOOTH. CLEAN THOROUGHLY, THEN APPLY SHOP COAT OF ASPHALT BASE PAINT WHEN SPECIFIED PER PLANS.

5. THE MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. THE ENGINEER SHALL RETAIN THE RIGHT TO REJECT CASTINGS NOT CONFORMING TO THE SPECIFICATIONS OR APPROVED SHOP DRAWINGS.

6. WHERE SELF-SEALING MANHOLE FRAMES ARE SPECIFIED ON THE PLANS, THE MANHOLE FRAME SHALL BE FURNISHED WITH AN APPROVED "O" RING GASKET GROOVED INTO THE BEARING SURFACE OF THE MANHOLE FRAME.

TRENCH NOTES:

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DRAWN BY RAS	CITY OF DODGE CITY, KANSAS	PROJECT NO
CHECKED BY RS	CITY HALL ENGINEERING DEPARTMENT (620) 225-8106	SHEET OF
DATE 10/24	SANITARY SEWER DETAILS	REVISIONS

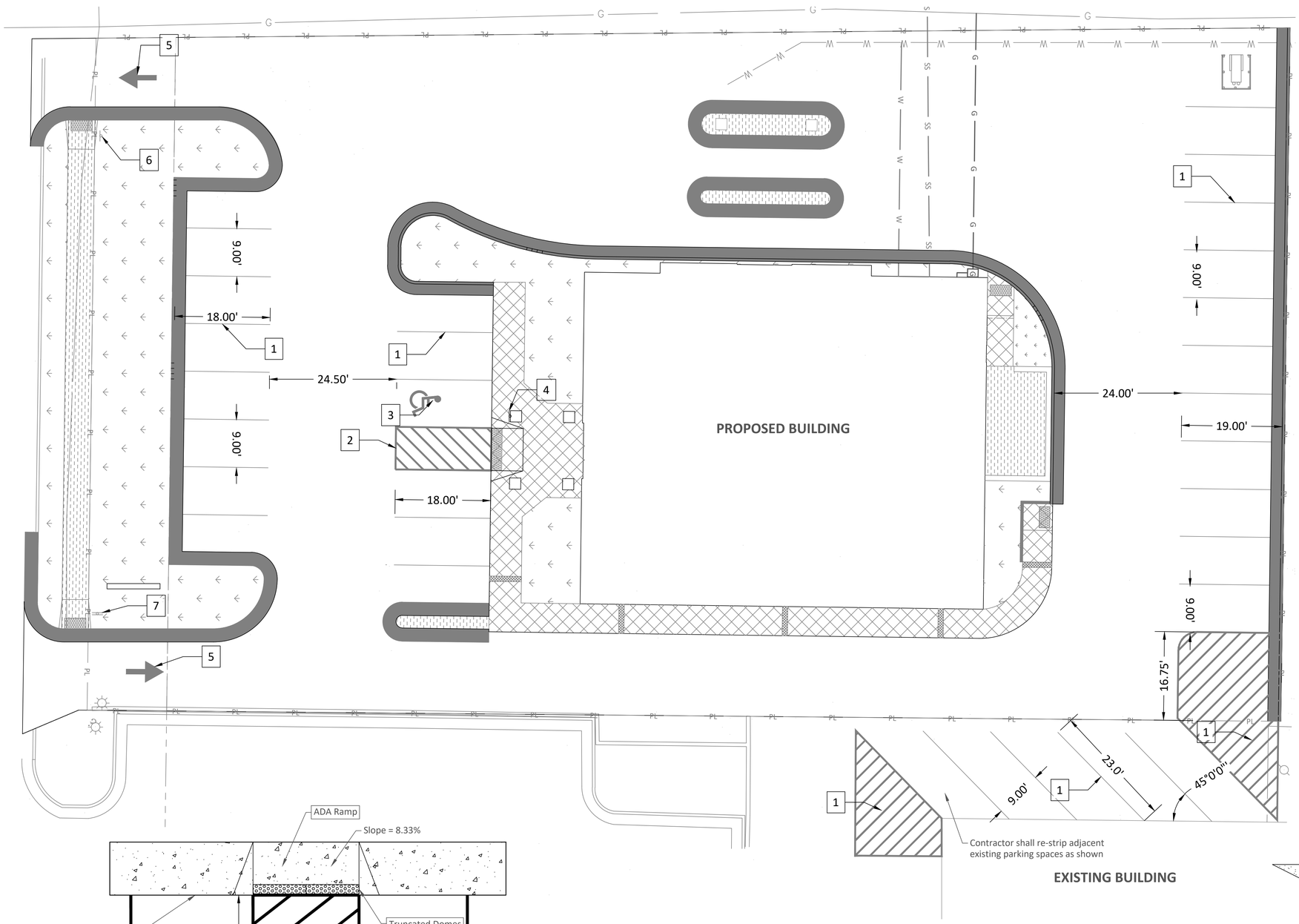
No.	Revision	Date

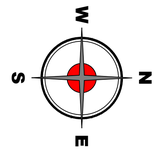
CITY OF DODGE CITY, KANSAS
ASTRA BANK
UTILITY DETAILS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 11 OF 16

Kyler 7/30/2025 SheetSetLocation

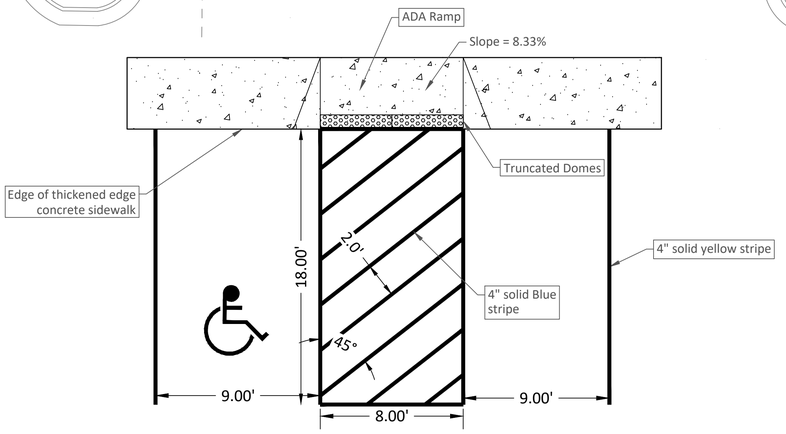




No.	Revision	Date

PAVEMENT MARKING LEGEND

1	4" Solid Yellow Stripe
2	4" Solid Blue Stripe
3	Handicap Symbol (Blue)
4	ADA Sign
5	Proposed Directional Arrow (Yellow)
6	Install DO NOT ENTER Sign (See below)
7	Install ONE WAY Sign (See below)



ADA STALL DIMENSIONS
(NOT TO SCALE)

(L 6-1)

(R 6-1)

(R 5-1)

SIGN DETAILS
NOT TO SCALE

SIGNING NOTES

1. Signs L6-1 and R6-1 shall be installed back-to-back on a single post.
2. Only one R5-1 sign shall be installed.

ADA SIGN DETAIL (BUILDING COLUMN MOUNTED)
(NOT TO SCALE)

ADA SIGNING NOTES

1. All signing shall be installed per the most recent addition of the manual of uniform traffic control devices (MUTCD)
2. ADA parking sign shall be centered within the ADA parking stall. Sign shall be mounted 5'-0" above the ground elevation.
3. Sign post shall be installed a minimum of 24" below grade.
4. Only Van Accessible stalls shall include the sign R7-8P. Car stall shall only include sign R7-8

CITY OF DODGE CITY, KANSAS
ASTRA BANK
PAVEMENT MARKING & SIGNAGE PLAN

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
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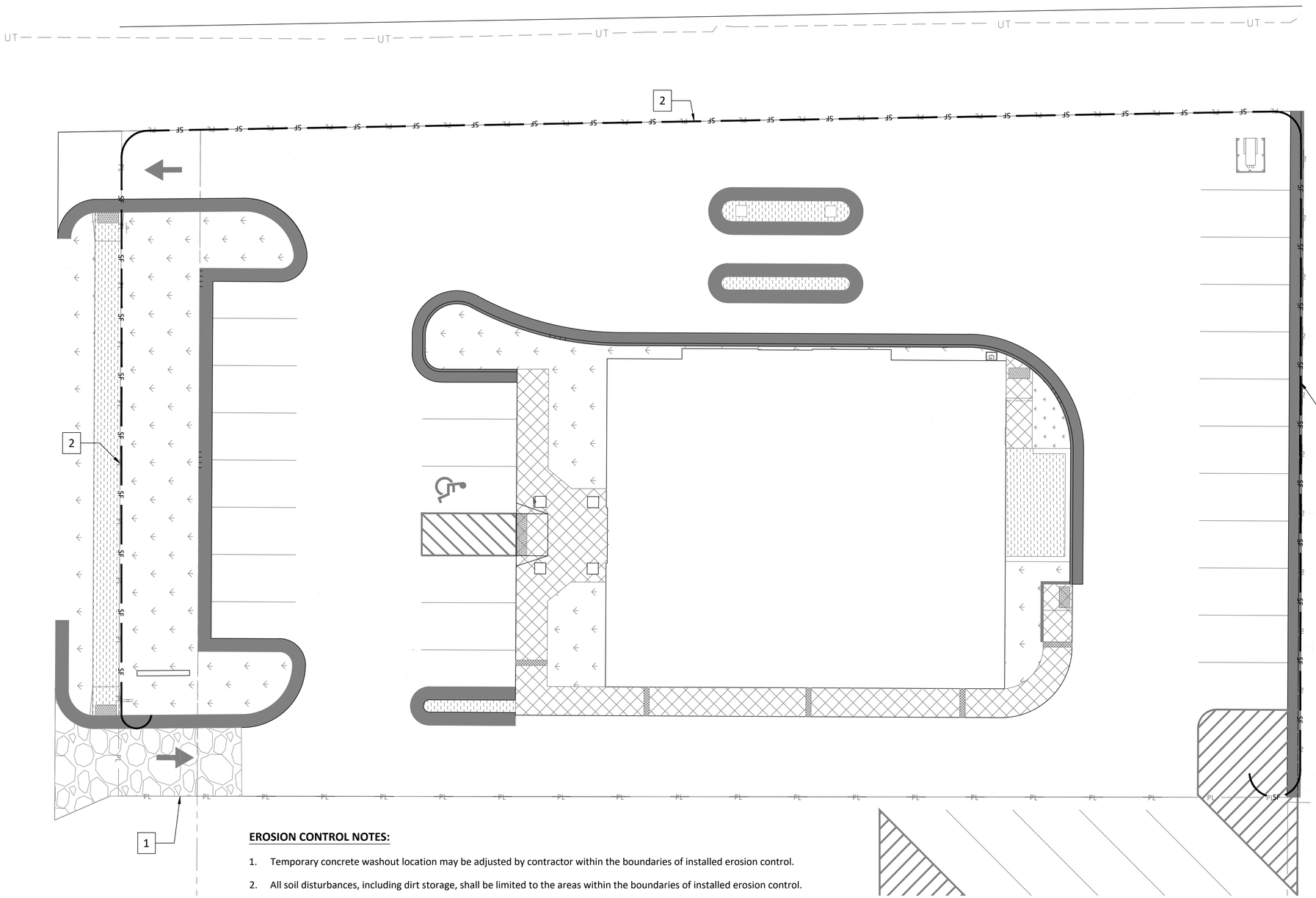


LEGEND

- Flow Direction
- 1992 — Proposed Direction
- 1992 — Existing Contour
- SF — Silt Fence
- 1 — Construction Entrance
- 2 — Install Silt Fence

EROSION CONTROL NOTES:

1. Temporary concrete washout location may be adjusted by contractor within the boundaries of installed erosion control.
2. All soil disturbances, including dirt storage, shall be limited to the areas within the boundaries of installed erosion control.
3. Disturbed areas which are not identified to be landscaped shall be permanently seeded with an approved warm season seed mix per the manufacturers recommendations.
4. Within 14 days of completion of earthwork activities in any general area, that area shall be temporary or permanently seeded, with an approved, installed erosion control per city of Hays specifications. Temporary seeding shall be completed per the 2007 KDOT standard specifications for state road and bridge construction.
5. Site inspections will be performed on the storm water runoff prevention devices every 14 days and after a rainfall event ½ inch or greater.
6. Perimeter Silt fence can be removed at the time when pavement is being placed
7. Adjacent curb inlets shall be protected by bio-logs

CHRISTINA ROSE GOODE
LICENSED
17885
KANSAS
PROFESSIONAL ENGINEER
8/28/2025

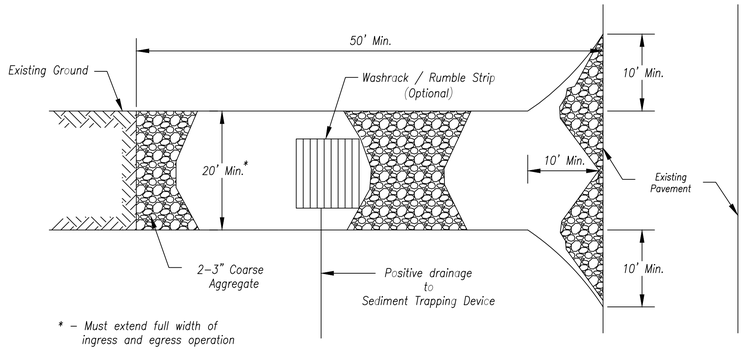
No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
EROSION CONTROL PLAN

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

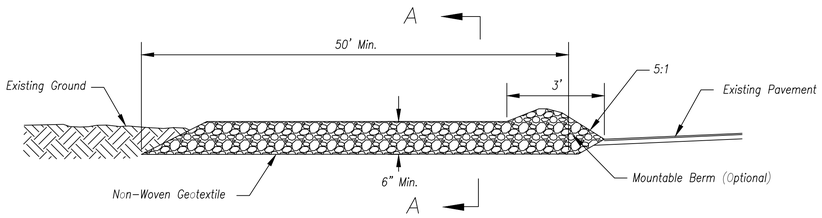
Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 13 OF 16

Kyler 8/27/2025 SheetSetLocation



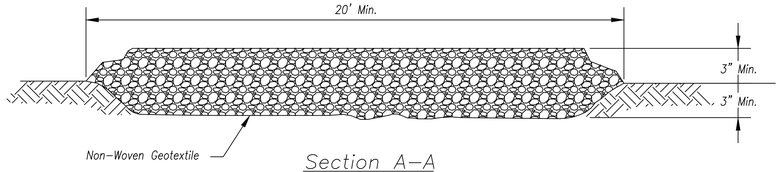
Plan View

Not to Scale



Side Elevation

Not to Scale



Section A–A

Not to Scale

Notes for Construction Entrance:

1. Avoid locating on steep slopes, at curves on public roads, or downhill of disturbed area.
2. Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
3. If slope towards the public road exceeds 2%, construct a 6– to 8–inch high ridge with 3H:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
4. Install pipe under the entrance if needed to maintain drainage ditches along public roads.
5. Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
6. Divert all surface runoff and drainage from the entrance to a sediment control device.
7. If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

Maintenance for Construction Entrance:

1. Reshape entrance as needed to maintain function and integrity of installation. Top dress with clean aggregate as needed.

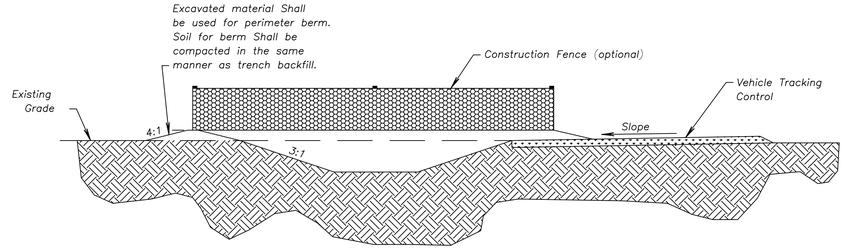
CONSTRUCTION ENTRANCE

Notes for Concrete Washout:

1. Concrete washout areas shall be installed prior to any concrete placement on site.
2. Concrete washout area shall include a flat subsurface pit sized relative to the amount of concrete to be placed on site. The slopes leading out of the subsurface pit shall be 3:1. The vehicle tracking pad shall be sloped towards the concrete washout area.
3. Vehicle tracking control is required at the access point to all concrete washout areas.
4. Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
5. A one–piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

Maintenance for Concrete Washout:

1. Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
2. Concrete washout areas shall be enlarged as necessary to maintain capacity for wasted concrete.
3. Concrete washout water, wasted pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a water–tight container and disposed of properly.
4. Concrete washout areas shall remain in place until all concrete for the project is placed.
5. When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topsoil, any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.



CONCRETE WASHOUT

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control; Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

AMERICAN PUBLIC WORKS ASSOCIATION

KANSAS CITY
METRO CHAPTER

CONSTRUCTION ENTRANCE
AND CONCRETE WASHOUT

STANDARD DRAWING
NUMBER ESC-01

ADOPTED:
10/24/2016

No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
EROSION CONTROL DETAILS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.:
(EC2025-13)
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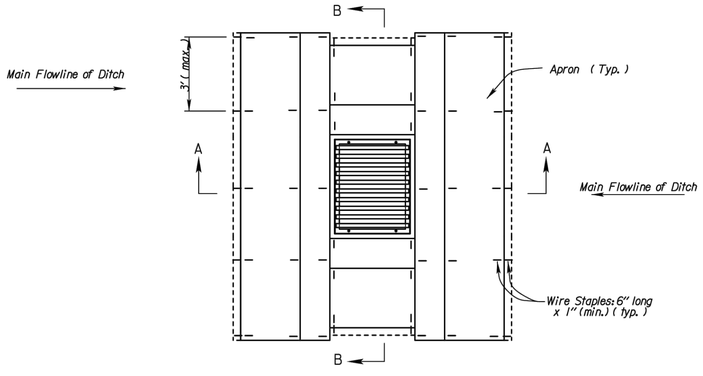
8/28/2025
Sheet No.:
14 OF 16

7/30/2025 SheetSetLocation
Kyler

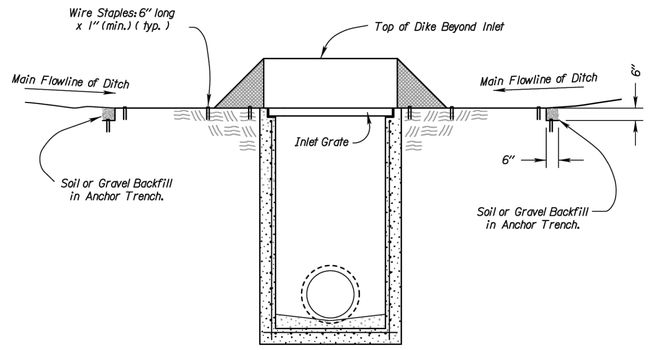
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	Project No.	20XX	0	0



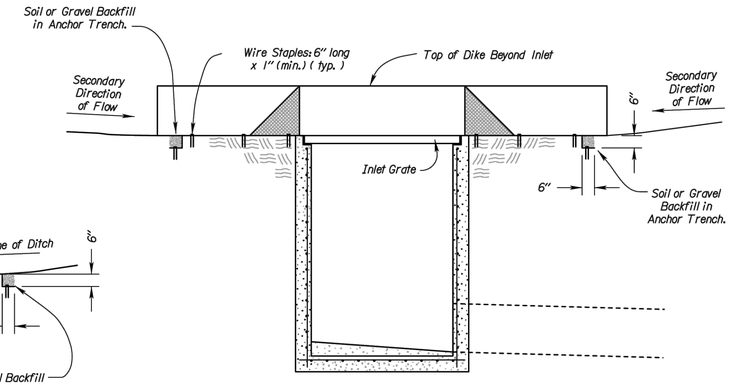
PLAN

TEMPORARY INLET SEDIMENT BARRIER
(TRIANGULAR SILT DIKE METHOD)

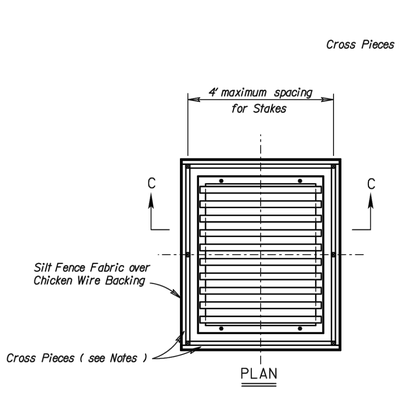
NO SCALE



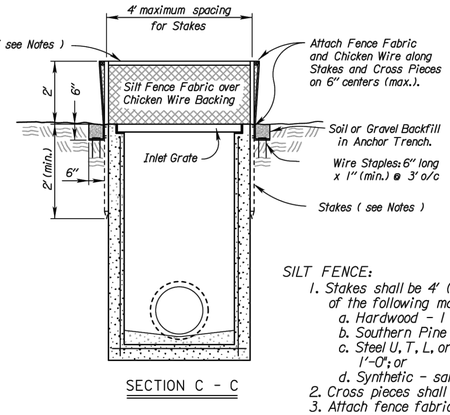
SECTION A - A



SECTION B - B



PLAN



SECTION C - C

TEMPORARY INLET SEDIMENT BARRIER
(SILT FENCE METHOD)

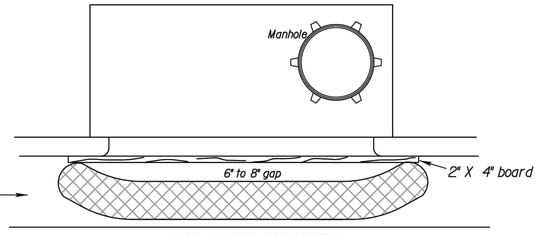
NO SCALE

SILT FENCE:

1. *Stakes shall be 4' (min.) long and of one of the following materials:*
   a. *Hardwood - 1 3/16" x 1 3/16";*
   b. *Southern Pine (No. 2) - 2 5/8" x 2 5/8";*
   c. *Steel U, T, L, or C Section - .95 lbs. per 1'-0"; or*
   d. *Synthetic - same strength as wood stakes.*
2. *Cross pieces shall be of same material as stakes.*
3. *Attach fence fabric securely on 6" centers (max).*
4. *Use of high flow material is acceptable.*
5. *Refer to plan sheets to estimate the length of silt fence required.*

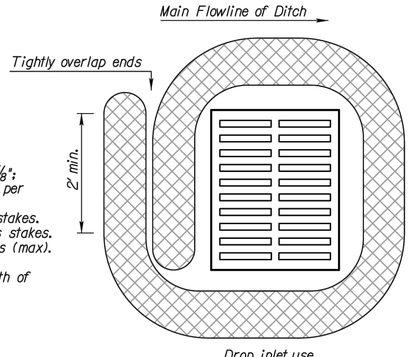
Bags = synthetic net (3mm mesh) or burlap bags

Rock = approximately 1" to 2" diameter



CURB INLET PROTECTION

1. *If multiple gravel bags are required, place them in such a way that no gaps are evident.*
2. *Height of bags (8" minimum diameter) must not be above top of curb.*
3. *Alternative products may be used other than gravel bags such as the "Gutter Buddy". Products must be approved by the Engineer.*
4. *Curb inlet protection will be measured and paid for as Filter Sock.*



Note: 25% of log shall be keyed into ground during installation.

Stake every 4'

Drop inlet use 1'-6" TO 1'-8" diameter log

BIODEGRADABLE LOG/FILTER SOCK
DROP INLET PROTECTION

Material Requirements
Use 100% shredded mulch or other non-compost biodegradable material as fill for logs.
No compost or fines.
No hay or straw.
Do not use material which prohibits water infiltration.
Log Mesh: *Use mesh with 1/4" openings or larger. Mesh must allow water infiltration but also hold fill materal in place.*

NO.	DATE	REVISIONS	BY	APP'D
3	3/01/15	Revised Standard	RA	SHS
2	6/01/13	Revised Standard	MRM	SHS
1	3/01/13	Revised Standard	MRM	SHS

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

TEMP. INLET SEDIMENT BARRIER (SILT FENCE)
TEMP. INLET SEDIMENT BARRIER (T.S.D.)
CURB INLET PROTECTION
DROP INLET PROTECTION

LA852C

FHWA APPROVAL	3/10/2015	APP'D	Scott H. Shields
DESIGNED RA	DETAILED RA	QUANTITIES	CADD
DESIGN CK. SHS	DETAIL CK. SHS	QUAN.CK.	CADD CK.

KDOT Graphics Certified

KDOT Graphics Certified 03-12-2015

Sheet No. 0

Std. Base File:	
Plotted By: *melissa*	Plot Location: *Landscape*
File: *la852c.dgn*	
Plot Date: *12-MAR-2015 11:27*	

Kyler 7/30/2025 SheetSetLocation

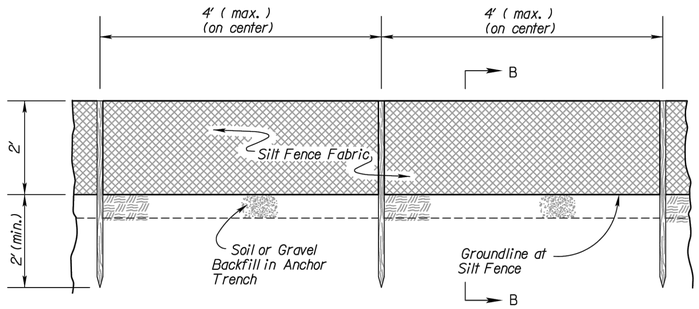
No.	Revision	Date

CITY OF DODGE CITY, KANSAS
ASTRA BANK
EROSION CONTROL DETAILS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)
Date: 8/28/2025
Sheet No.: 15 OF 16

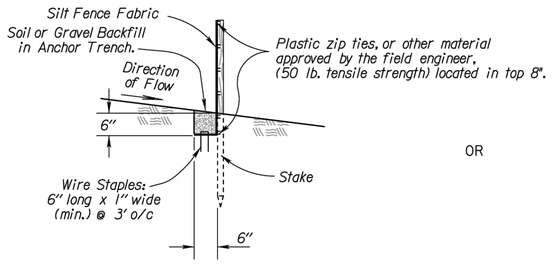
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	Project No.	20XX	0	0



TYPICAL ELEVATION

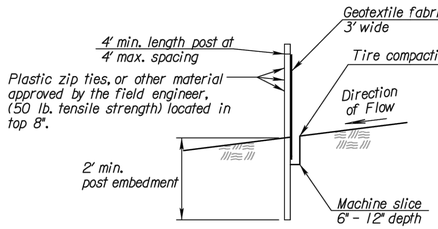
SILT FENCE SLOPE BARRIER

NO SCALE

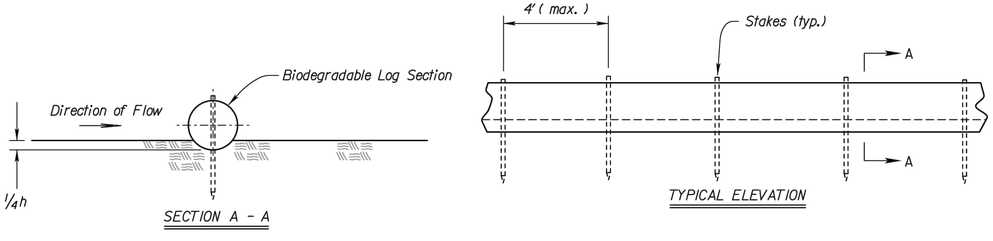


SECTION B-B

OR



SECTION B-B



SECTION A - A

TYPICAL ELEVATION

BIODEGRADABLE LOG SLOPE BARRIER

NO SCALE

INSTALLATION NOTES

SILT FENCE:

1. Stakes shall be 4' (min.) long and of one of the following materials:
   a. Hardwood - 1 3/16" x 1 3/16";
   b. Southern Pine (No. 2) - 2 5/8" x 2 5/8";
   c. Steel U, T, L, or C Section - .95 lbs. per 1'-0"; or
   d. Synthetic - same strength as wood stakes.
2. Cross pieces shall be of same material as stakes.
3. Attach fence fabric securely on 6" centers (max.).
4. Use of high flow material is acceptable.
5. Refer to plan sheets to estimate the length of silt fence required.

BIODEGRADABLE LOG BARRIERS

1. Place biodegradable logs tightly together.
2. Wood stakes shall be 2" x 2" (nom.).
3. Wire staples shall be 6" long x 1" wide (min.) and placed on 4' (max.) centers.
4. Refer to plan sheets to estimate length of biodegradable log barriers required.
5. Logs should be keyed into the ground at a minimum of 25% of its height.
6. Length of stakes should be 2 times the height of the log at a minimum.

Biodegradable Logs, Straw Wattles & Sediment Logs

PRODUCT		9" Sediment Log & 9" Straw Wattle (ft)	12" Sediment Log & 12" Straw Wattle (ft)	20" Sediment Log & 20" Straw Wattle (ft)
Slope Gradient	≤4H:1V	40	60	80
	3H:1V	30	45	60
	2H:1V	20	30	40
	1H:1V	10	15	20

9" and 12" material should only be used in areas which have been seeded and mulched. 20" material should be used in all other areas. Deviations should be approved by the Field Engineer.

BIODEGRADABLE LOG MATERIAL		
	LOW FLOW	HIGH FLOW
9"	Straw/Compost	Excelsior / Wood Chips / Coconut Fiber
12"	Straw/Compost	Excelsior / Wood Chips / Coconut Fiber
18"-20"	Straw/Compost	Excelsior / Wood Chips / Coconut Fiber

GENERAL NOTES

1) The slope barriers shall be placed along contour lines, with a short section turned upgrade at each end of the barrier. The maximum length of the slope barrier shall not exceed 250 feet, and the barrier ends need to be staggered.

2) At culverts, the Silt Fence shall be placed over the culvert, not through the streambed flowline.

3) Barriers damaged by Contractor's negligence, including improper maintenance or lack of maintenance, shall be repaired immediately by Contractor at no additional cost to KDOT.

4) Agricultural products, such as native prairie hay, used for mulching and erosion control practices, excluding wood based mulch, shall meet the North American Weed Free Forage Standards.

NO.	DATE	REVISIONS	BY	APP'D
3	3/01/15	Revised Standard	RA	SHS
2	6/01/13	Revised Standard	MRM	SHS
1	3/01/13	Revised Standard	MRM	SHS

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

SILT FENCE SLOPE BARRIERS
BIODEGRADABLE LOG SLOPE BARRIERS

LA852D

FHWA APPROVAL		3/10/2015	APP'D	Scott H. Shields	
DESIGNED	RA	DETAILED	RA	QUANTITIES	CADD
DESIGN CK.	SHS	DETAIL CK.		QUAN.CK.	CADD CK.

KDOT Graphics Certified 03-12-2015

KDOT Graphics Certified

Sheet No. 0

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Plotted By: melissa	Plot Location: Landscape
File: la852d.dgn	
Plot Date: 12-MAR-2015 11:30	

7/30/2025 SheetSetLocation

Kyler

No.	Revision	Date

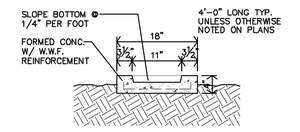
CITY OF DODGE CITY, KANSAS
ASTRA BANK
EROSION CONTROL DETAILS

DRIGGS DESIGN GROUP, PA
Surveying Engineering Planning
MANHATTAN - HAYS - EMPORIA - TOPEKA - GOODLAND

Project No.: (EC2025-13)

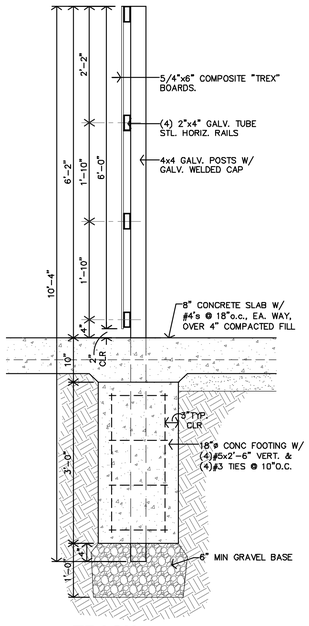
Date: 8/28/2025

Sheet No.: 16 OF 16



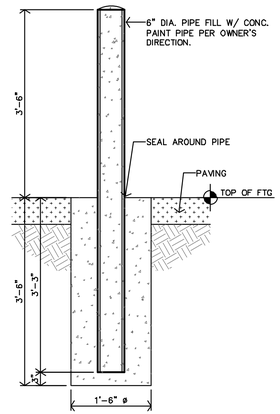
L SPLASHBLOCK

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



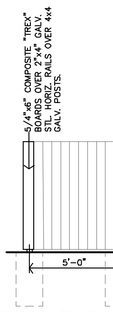
H TRASH ENCLOSURE SECTION

3/4"=1'-0"



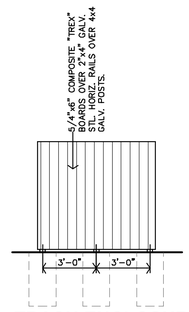
K TRASH ENCLOSURE BOLLARD DETAIL

3/4"=1'-0" QUANTITY: 2-TOTAL



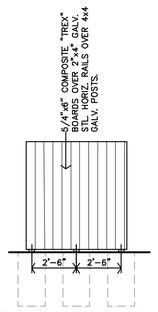
G TRASH ENCLOSURE FRONT ELEVATION

1/4"=1'-0"



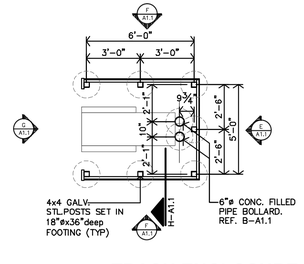
F TRASH ENCLOSURE SIDE ELEVATION

1/4"=1'-0"



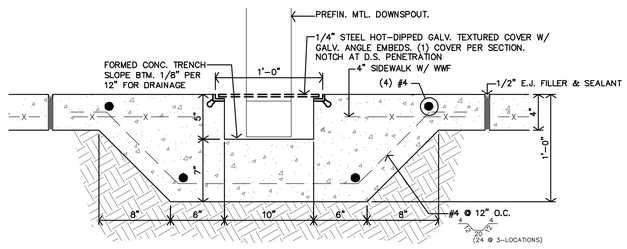
E TRASH ENCLOSURE REAR ELEVATION

1/4"=1'-0"



D TRASH ENCLOSURE ENLARGED PLAN

1/4"=1'-0"

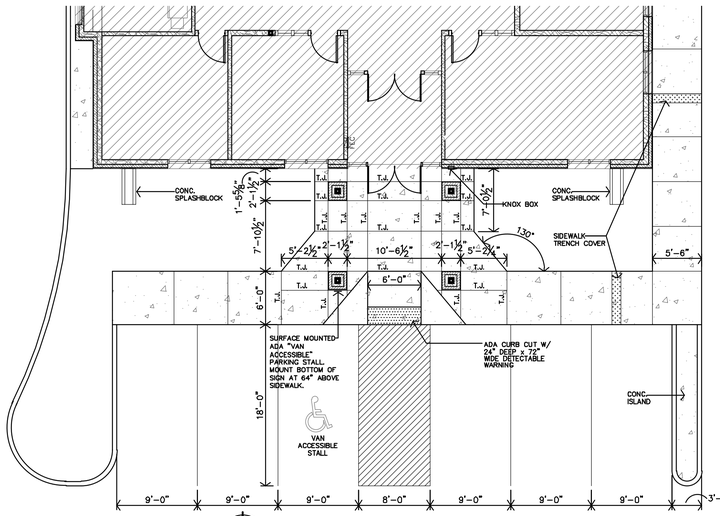


C SIDEWALK TRENCH DETAIL

1 1/2"=1'-0" QUANTITY: 6

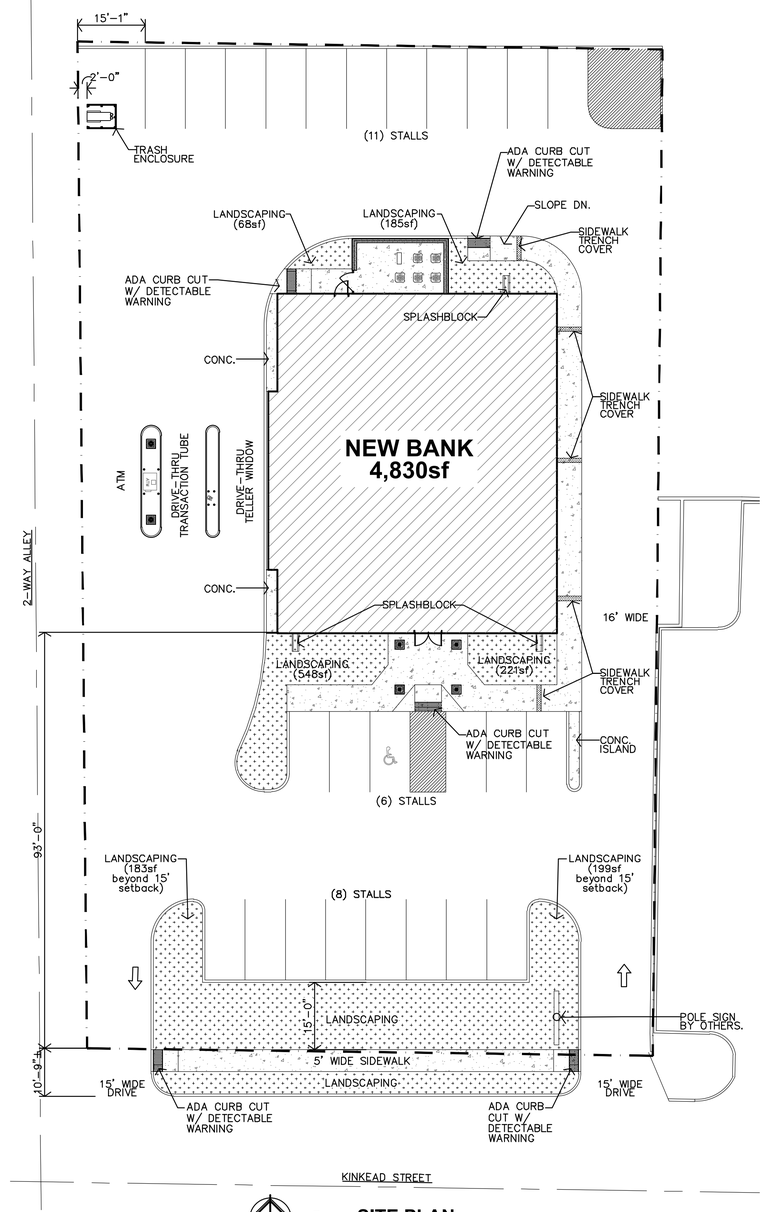
GENERAL SITE PLAN NOTES

1. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS.
2. INSTALL MATERIALS AND FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR FINISH INSTALLATION.
3. WHERE NEW CONCRETE ABUTS THE BUILDING, PROVIDE ¾" EXPANSION JOINT & SEAL TOP WITH EPOXY SEALER.
4. INSTALL EXPANSION JOINTS IN CONCRETE SIDEWALK PAVING AT ±60' O.C. PROVIDE FILLER MATERIAL AND SEALANT. COORDINATE WITH ARCHITECT FOR FINAL LOCATIONS OF EXPANSION JOINTS.
5. INSTALL CONTROL JOINTS IN CONCRETE ROUGHLY SQUARE AND AREAS NOT TO EXCEED 100 S.F.
6. EXTERIOR DOOR LANDINGS SHALL BE WITHIN ½" OF INTERIOR FINISH FLOOR ELEVATION. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 1:50
7. FINISH FLOOR ELEVATION SHALL BE VERIFIED BY GENERAL CONTRACTOR AND CONFIRMED W/ PROPOSED GRADING TO PROVIDE DRAINAGE AWAY FROM THE BUILDING
8. NEW PEDESTRIAN SIDEWALKS SHALL NOT HAVE A CROSS SLOPE GREATER THAN 1:50 AND SHALL NOT SLOPE IN THE DIRECTION OF TRAVEL GREATER THAN 1:20.
9. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE REQUIREMENTS OF THE UTILITY COMPANIES AND THE CITY OF DODGE CITY.
10. ALL DAMAGED EXISTING ALLEY & KINKEAD STREET PAVING CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.



B ENLARGED ENTRY PLAN

1/8"=1'-0" NOTE: T.J=TOOLED JOINT



A SITE PLAN

1/16"=1'-0"

JonesGillamRenz
730 N. Ninth
Salina, KS 67401
785.827.0386
1881 Main Street, Suite 301
Kansas City, MO 64108
jgr@jgrarchitects.com

ASTRA BANK

BANK - NEW FACILITY

DODGE CITY, KANSAS

CHARLES A. REINZ
LICENSED
5502
8-28-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

A1.1

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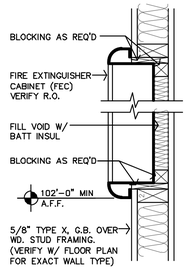
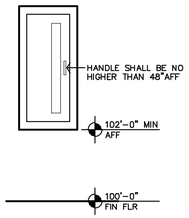


D **TYPICAL FIRE EXTINGUISHER CABINET DTL**
1 1/2"=1'-0"



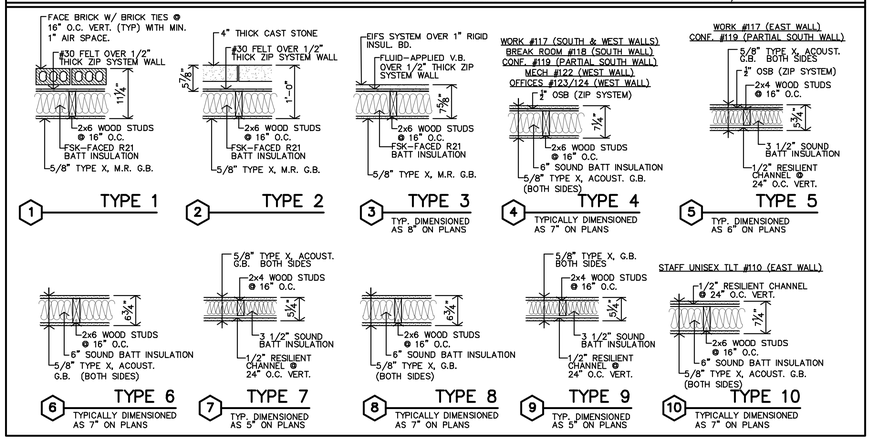
C **TYPICAL FEC MOUNTING HGT**
3/4"=1'-0"

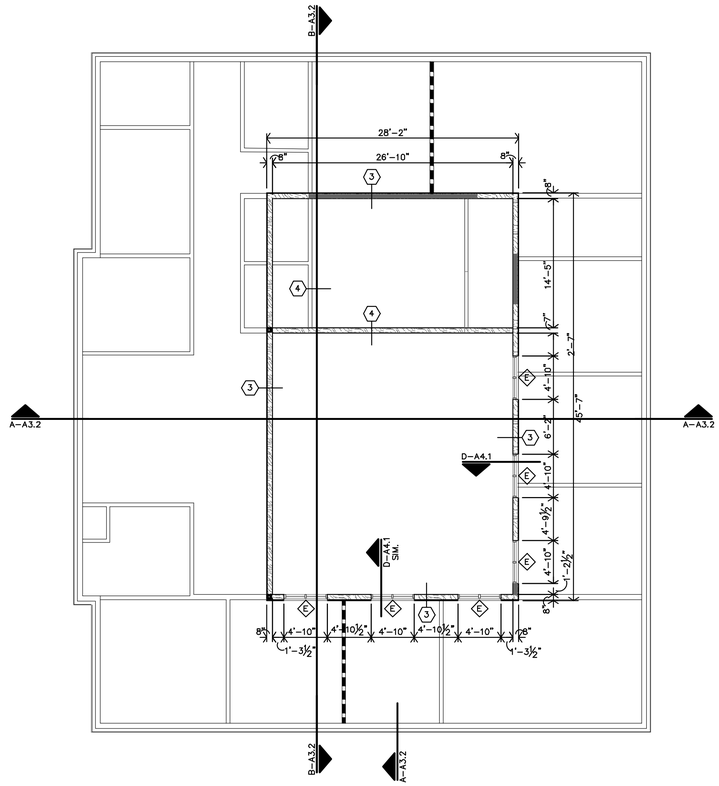
ARCHITECTURAL GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
2. INSTALL MATERIALS AND/OR FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR COMPLETE & FINISHED INSTALLATION.
3. ALL WORK SHALL BE IN CONFORMANCE W/ APPLICABLE BUILDING CODES & ORDINANCES.
4. ALL NEW CONSTRUCTION SHALL BE IN CONFORMANCE TO ADA REQUIREMENTS. REFERENCE ADA FOR TYPICAL MINIMUM CLEARANCE REQ.
5. ALL NEW DOOR HARDWARE SHALL BE LEVER TYPE LATCH SETS UNLESS NOTED OTHERWISE. COORDINATE W/ MFR. FOR ADA INSTALLATION REQUIREMENTS COORDINATE KEYING REQUIREMENTS WITH OWNER.
6. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS AND FIELD CONDITIONS NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH WORK SO THAT ANY ISSUES MAY BE CLARIFIED.
7. DOORS ARE TYPICALLY LOCATED WITH HINGE-SIDE JAMB (OUTSIDE EDGE OF JAMB TRIM) 4" FROM ADJACENT WALL. UNLESS NOTED OTHERWISE OR REQUIRED TO MEET LATCH-SIDE CLEARANCE PER ADA.
8. FEC – INDICATES LOCATION OF RECESSED FIRE EXTINGUISHER CABINET. REF. SPECS. AND DETAILS C/D-A2.1
9. RECESSED KNOX BOX. COORDINATE EXACT LOCATION W/ ARCHITECT & CITY OF DODGE CITY FIRE DEPARTMENT.
10. DRIVE-UP WINDOW WITH ASSOCIATED DEAL DRAWER, NIGHT DEPOSIT BOX, ATM, CASH DRAWERS, ETC., SHALL BE FURNISHED BY FEDERAL PROTECTION (LIZ BRAY, 816-506-8815). GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE & ASSIST WITH INSTALLATION AS NECESSARY.
11. CONTRACTOR SHALL VERIFY (& PROVIDE) RECOMMENDED VAPOR BARRIER MATERIAL PER EIFS & CAST STONE MANUFACTURERS.

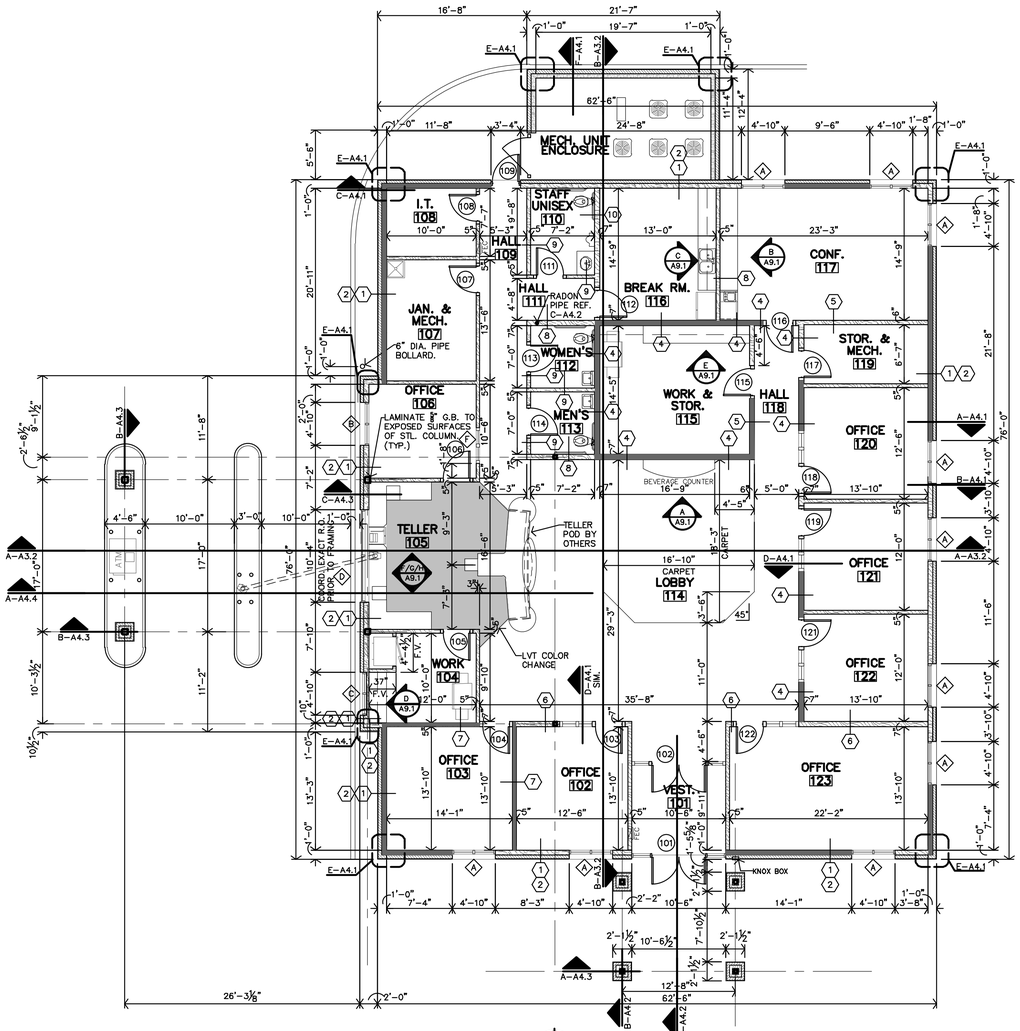
PARTITION TYPES

NOTE:
1. ALL INTERIOR WALLS TO BOTTOM CHORD OF ROOF JOISTS.
2. ALL INTERIOR WALLS ARE TYPE 7 UNLESS NOTED OTHERWISE.
3. MOISTURE RESISTANT G.B. @ ALL PLUMBING "WET" WALLS.
4. = SHEAR WALL. REF. STRUCTURAL.
5. = ATTIC DRAFTSTOPPING (¾" M.R. G.B.). COORD. W/ MECH. & TRUSS.





B **CLEARSTORY PLAN**
1/8"=1'-0"



A **FLOOR PLAN**
1/8"=1'-0"

JonesGillamRenz
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ASTRA BANK
BANK - NEW FACILITY
DODGE CITY, KANSAS

CHARLES A. REINZ
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PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
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SHEET NO.:

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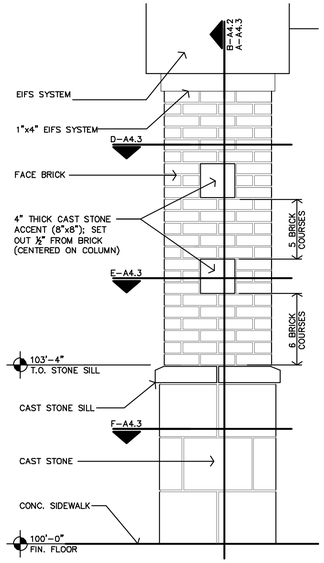
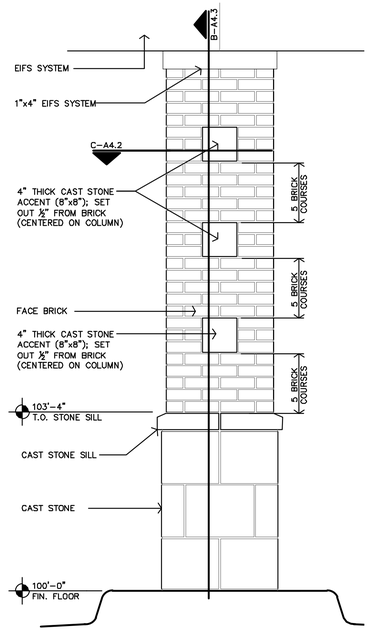


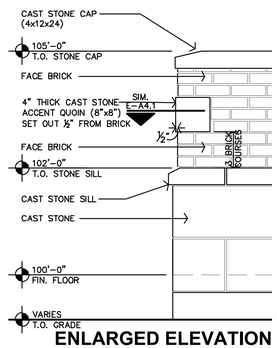
J ENLARGED ELEVATION @ ENTRY COLUMNS

3/4"=1'–0"



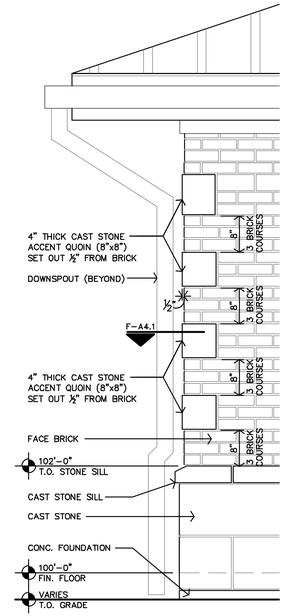
H ENLARGED ELEVATION @ DRIVE-THRU COLUMNS

3/4"=1'–0"



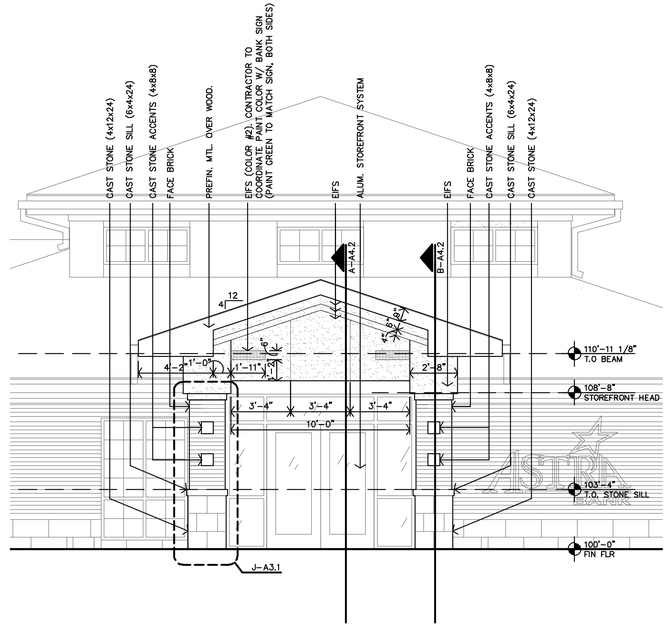
G ENLARGED ELEVATION @ MECH. ENCLOSURE CORNER ACCENTS

3/4"=1'–0"



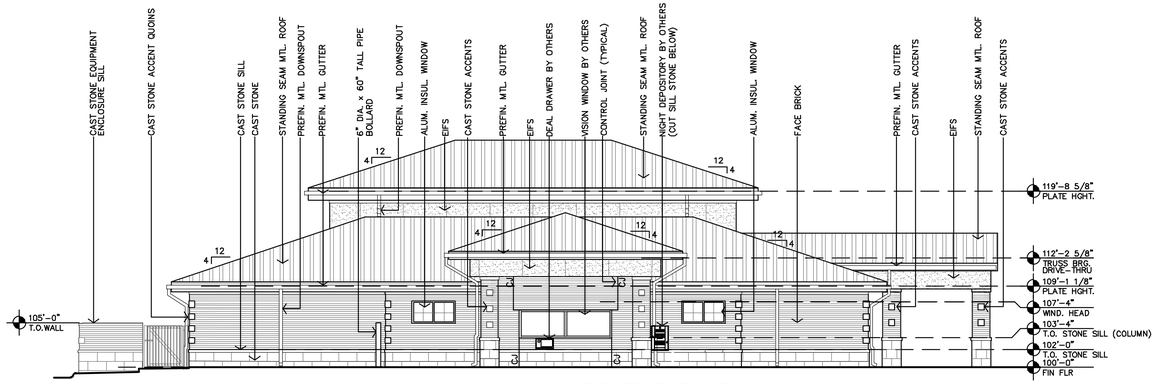
F ENLARGED ELEVATION @ EXT. CORNER ACCENTS

3/4"=1'–0"



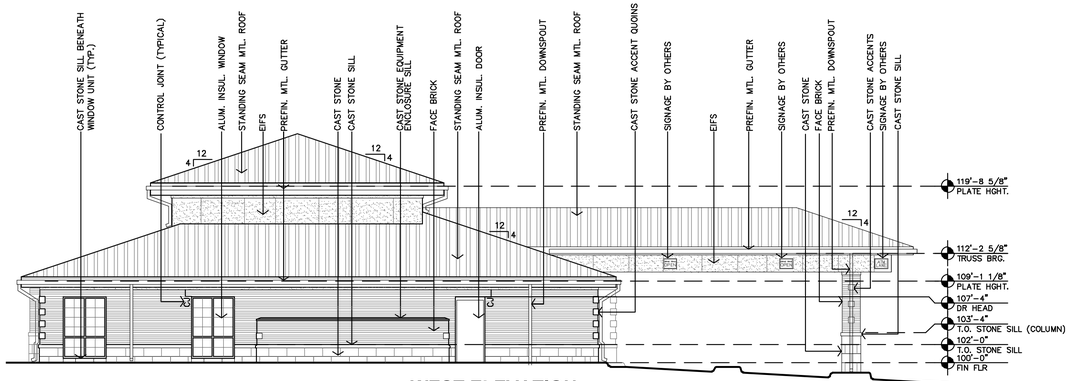
E ELEVATION @ ENTRY CANOPY

1/4"=1'–0"



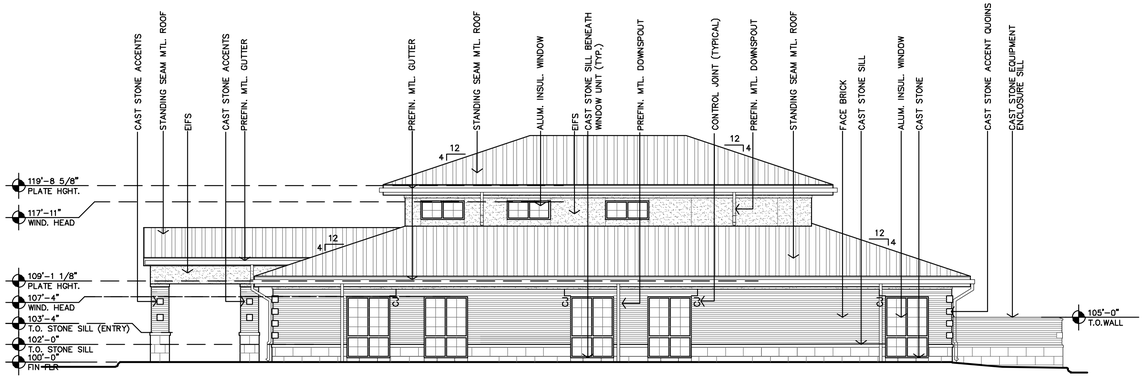
D SOUTH ELEVATION

1/8"=1'–0"



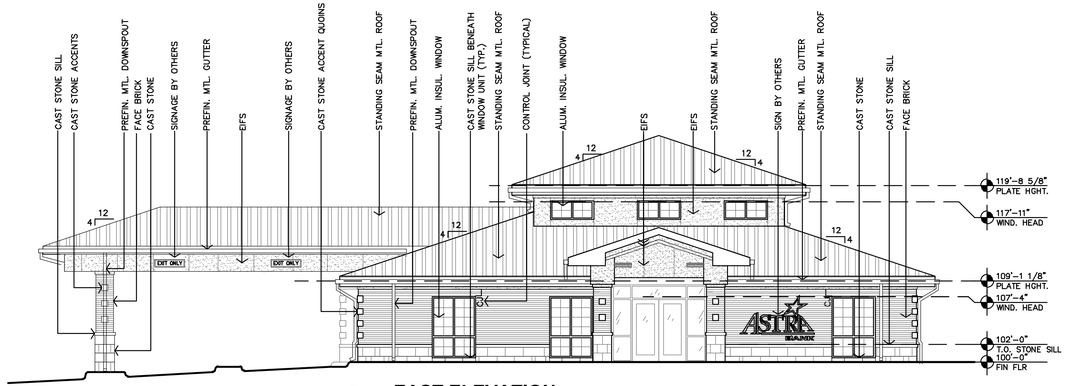
C WEST ELEVATION

1/8"=1'–0"



B NORTH ELEVATION

1/8"=1'–0"



A EAST ELEVATION

1/8"=1'–0"

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BANK - NEW FACILITY

DODGE CITY, KANSAS

CHARLES A. RENZ LICENSED 5502 8-28-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
DATE:	8-28-2025
JOB:	25-3515
SHEET NO.:	

A3.1

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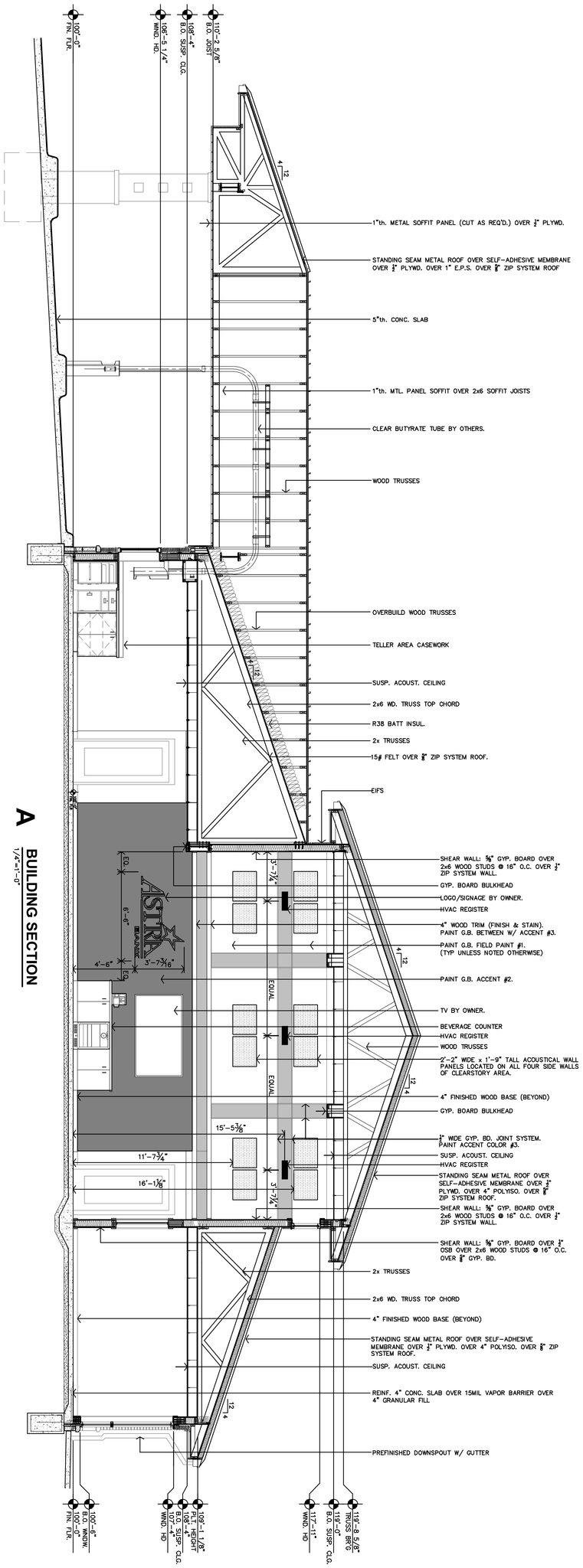
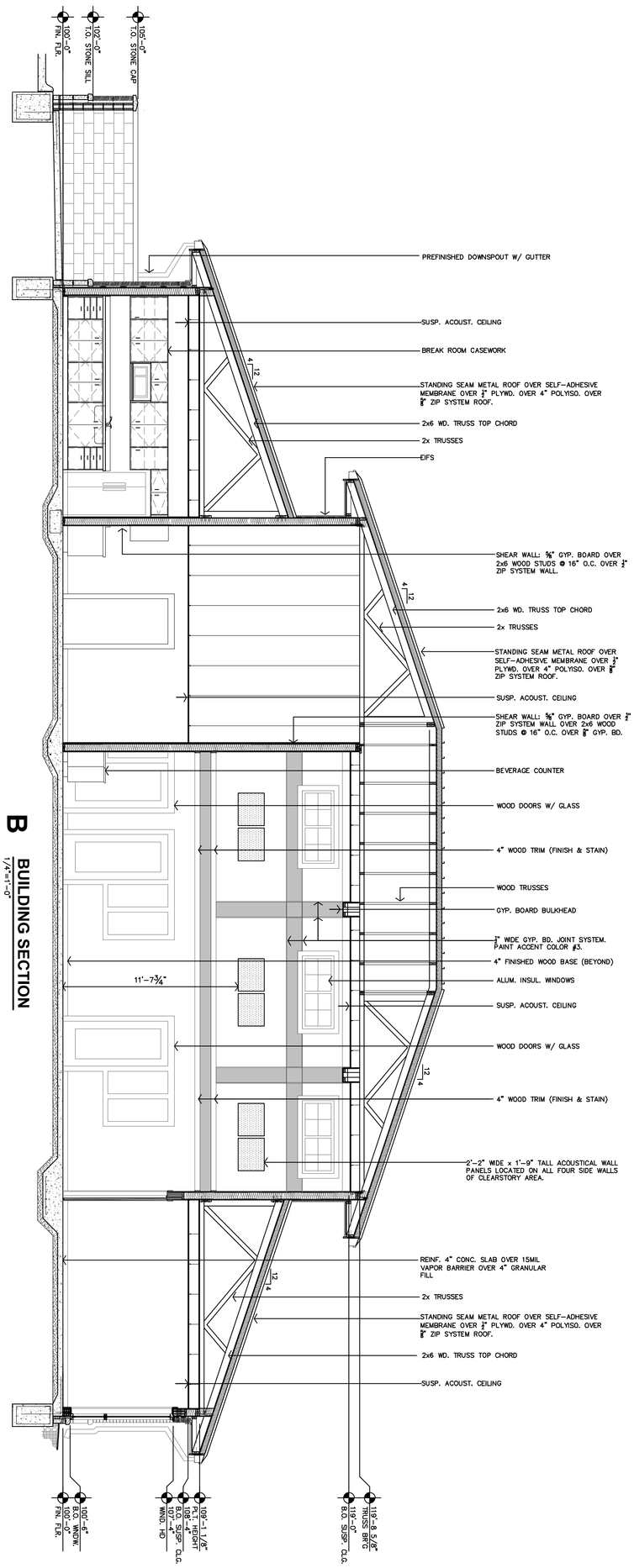


A BUILDING SECTION
1/4"=1'-0"



B BUILDING SECTION
1/4"=1'-0"

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.: A3.2

CHARLES A. KELLY — 5502 — KANSAS — 8-28-2025 — REGISTERED ARCHITECT

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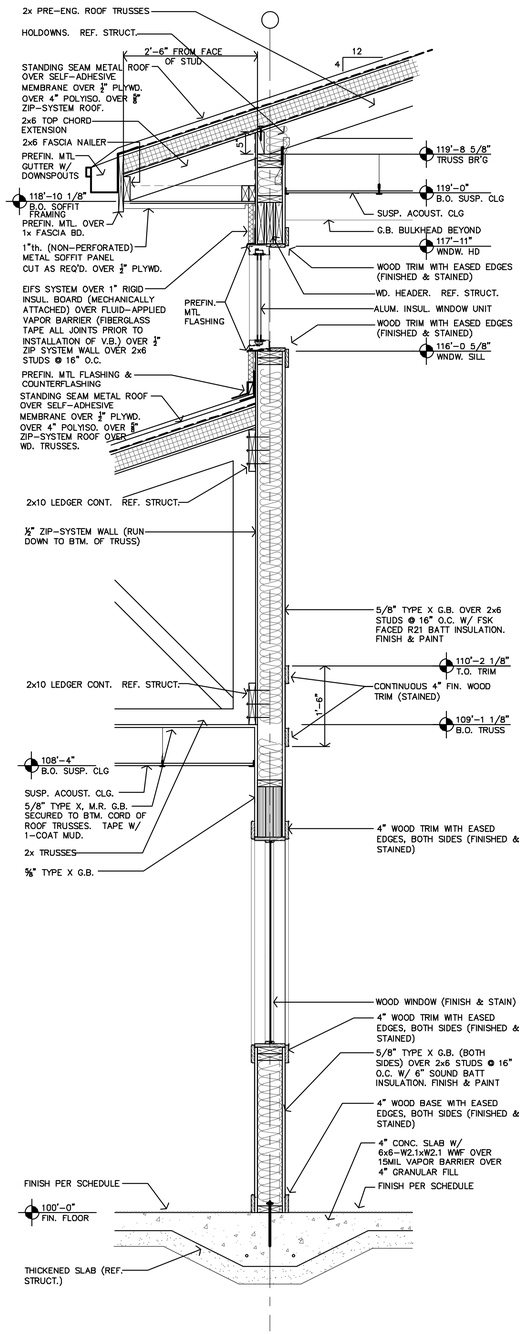
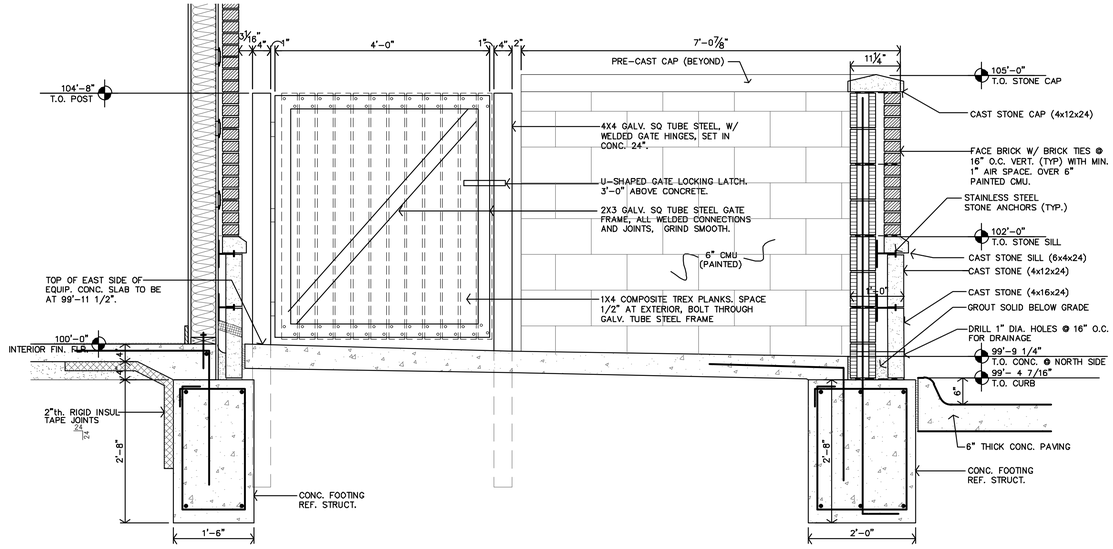
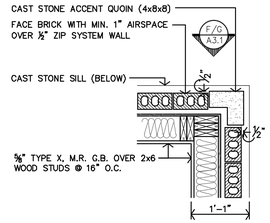


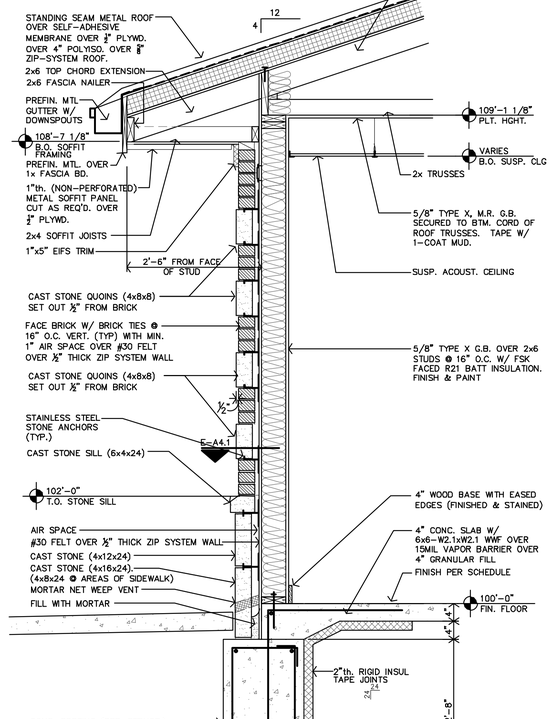
D WALL SECTION
3/4"=1'-0"



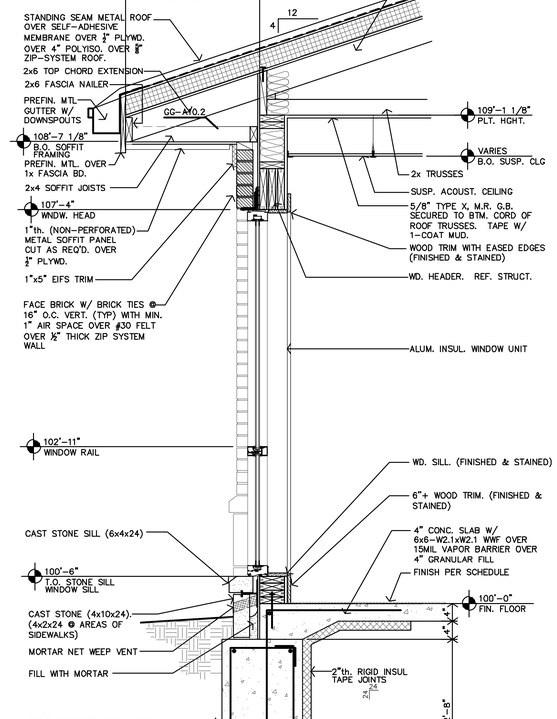
F EQUIPMENT ENCLOSURE SECTION
3/4"=1'-0"



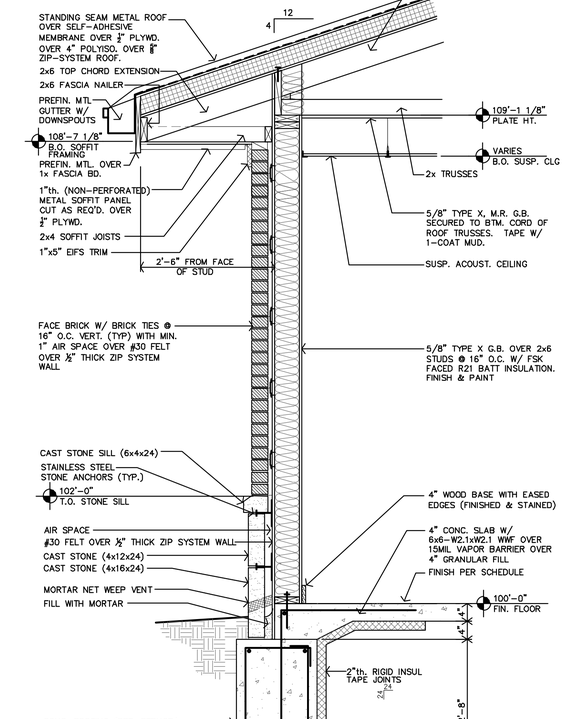
E PLAN SECTION @ CAST STONE QUOIN
3/4"=1'-0"



C TYP. WALL SECTION @ CORNER QUOINS
3/4"=1'-0"



B TYP. WALL SECTION @ WINDOW
3/4"=1'-0"



A TYP. WALL SECTION
3/4"=1'-0"

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CHARLES A. REINZ
LICENSED
5502
8-28-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

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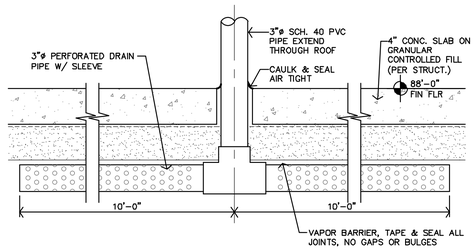
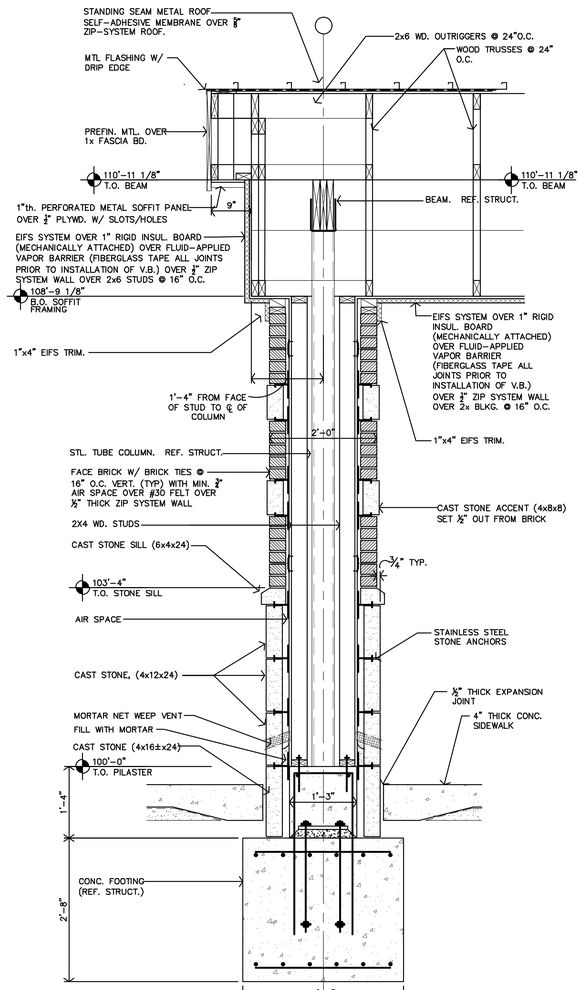


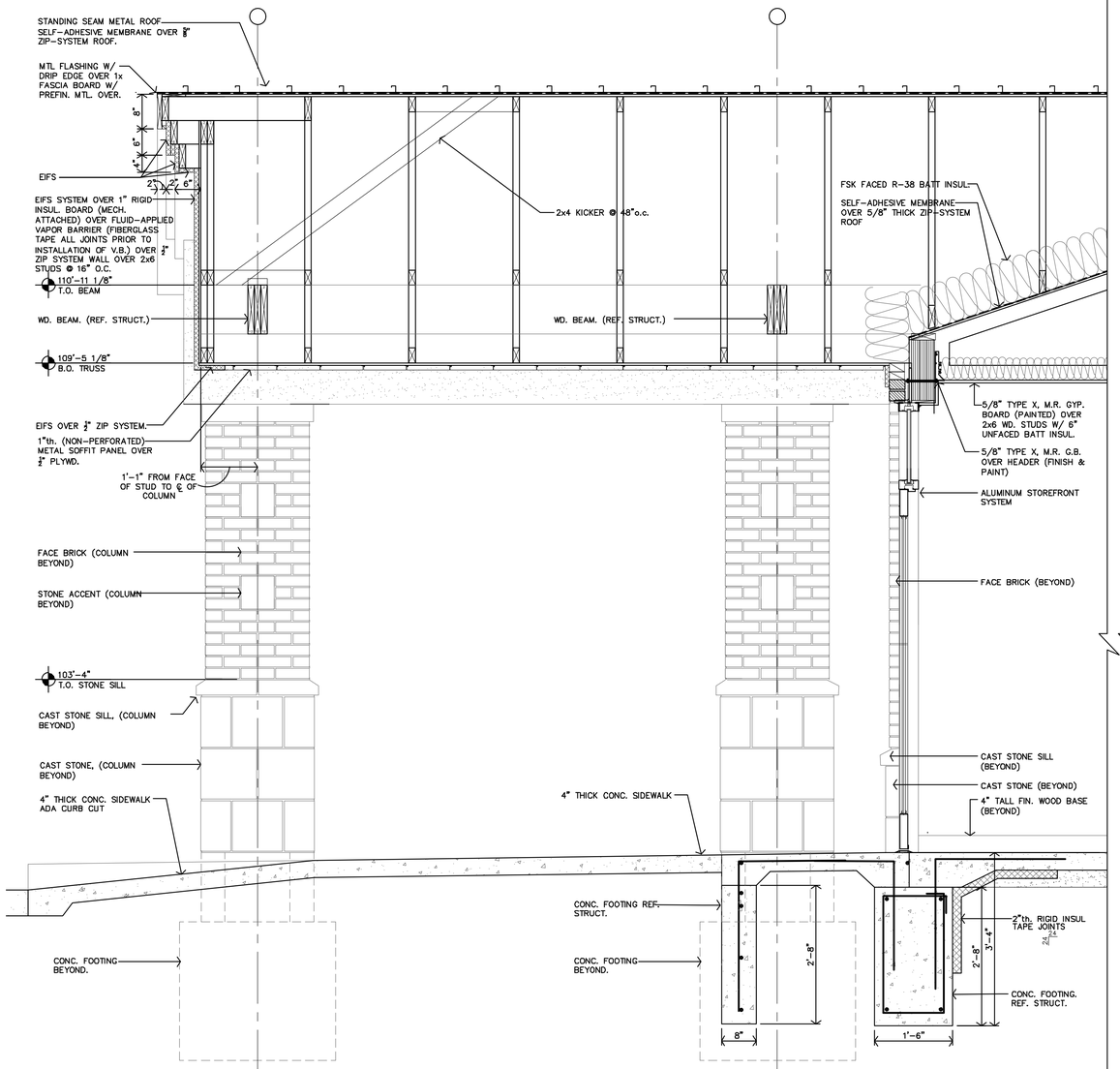
C RADON PIPE DETAIL

1 1/2"=1'-0" NOTE: OCCURS AT 1-LOCATION. REF. FLOOR PLAN



B TYP. WALL SECTION @ MAIN ENTRY COLUMN

3/4"=1'-0"



A WALL SECTION @ MAIN ENTRY

3/4"=1'-0"

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CHARLES A. RENZ LICENSED 5502 8-28-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

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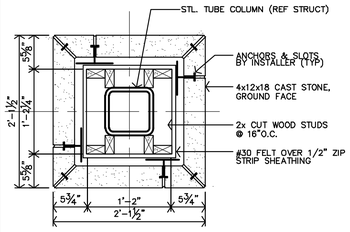
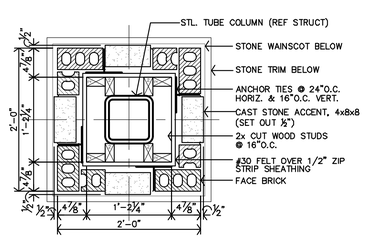


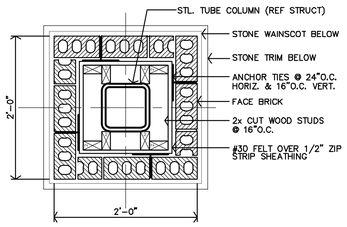
J DRIVE-THRU CANOPY COLUMN SECTION

1"=1'-0"



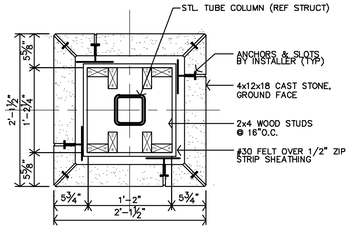
H DRIVE-THRU CANOPY COLUMN SECTION

1"=1'-0"



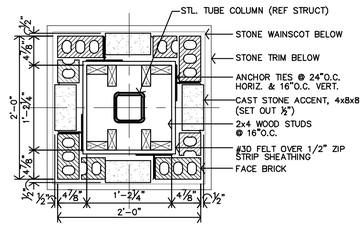
G DRIVE-THRU CANOPY COLUMN SECTION

1"=1'-0"



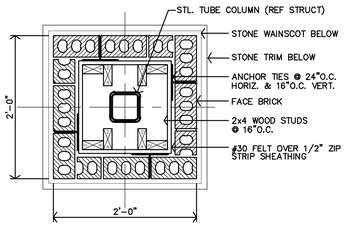
F MAIN ENTRY COLUMN SECTION

1"=1'-0"



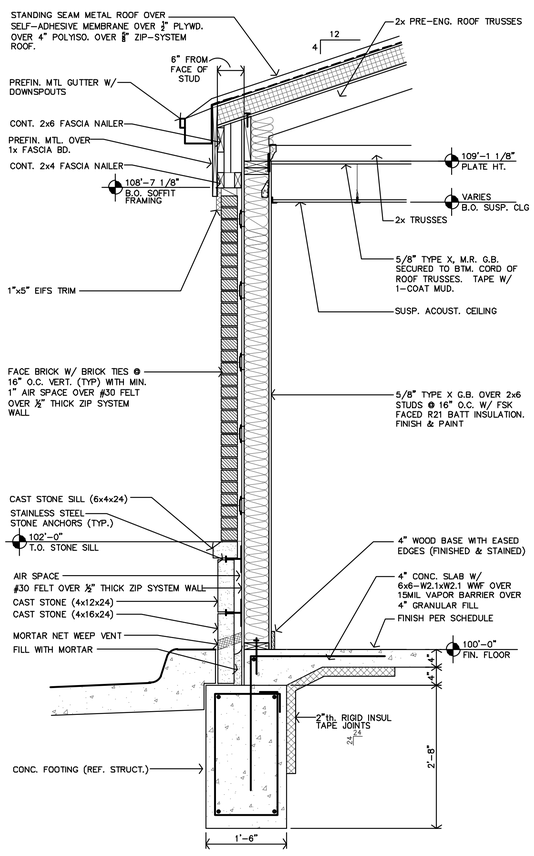
E MAIN ENTRY COLUMN SECTION

1"=1'-0"



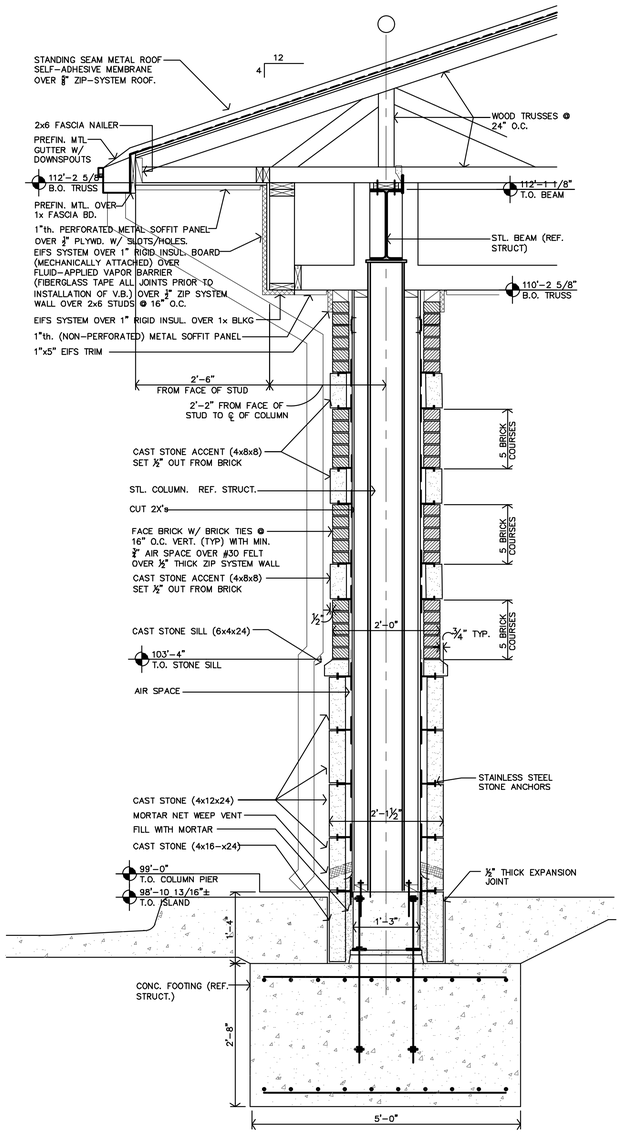
D MAIN ENTRY COLUMN SECTION

1"=1'-0"



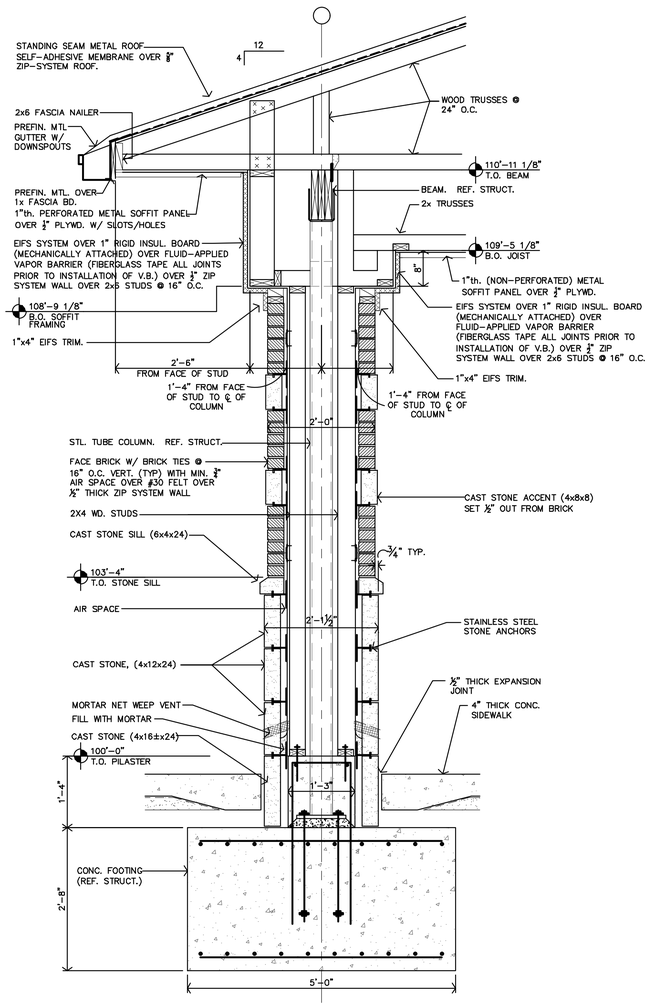
C WALL SECTION @ NORTH SIDE

3/4"=1'-0"



B TYP. WALL SECTION @ DRIVE-THRU COLUMN

3/4"=1'-0"



A WALL SECTION @ MAIN ENTRY COLUMN

3/4"=1'-0"

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ASTRA BANK

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DODGE CITY, KANSAS

CHARLES A. RENZ — KANSAS — 5502 — 8-28-2025 — REGISTERED PROFESSIONAL ARCHITECT

REVISION:

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JOB: 25-3515

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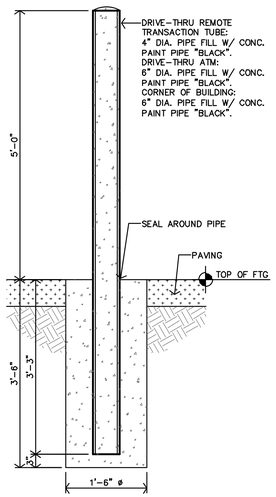
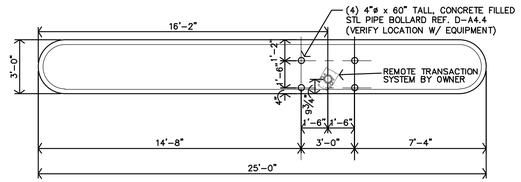
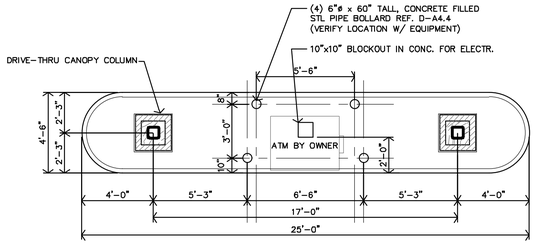


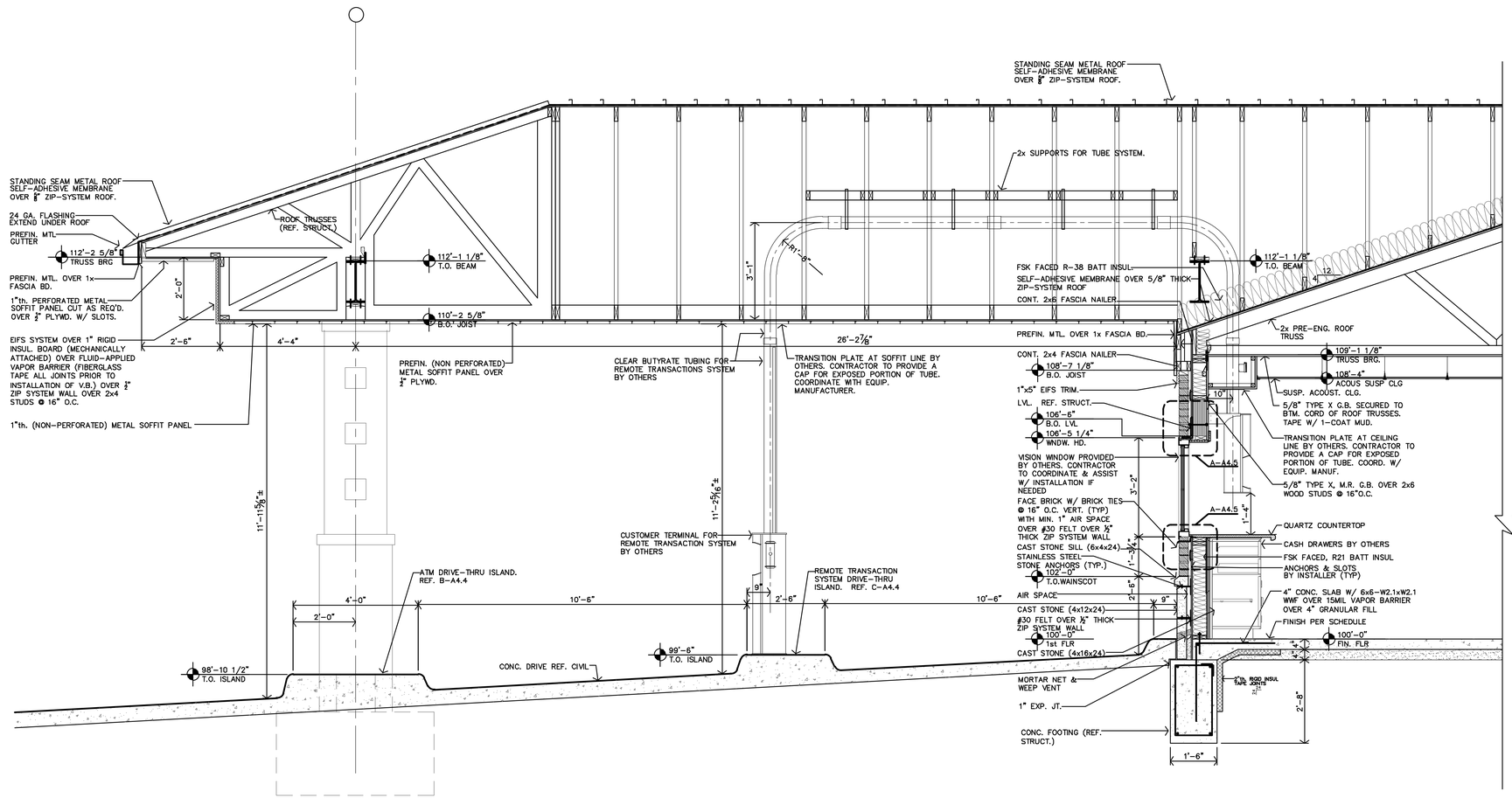
D **PIPE BOLLARDS @ DRIVE-THRU ISLANDS**
3/4"=1'-0"



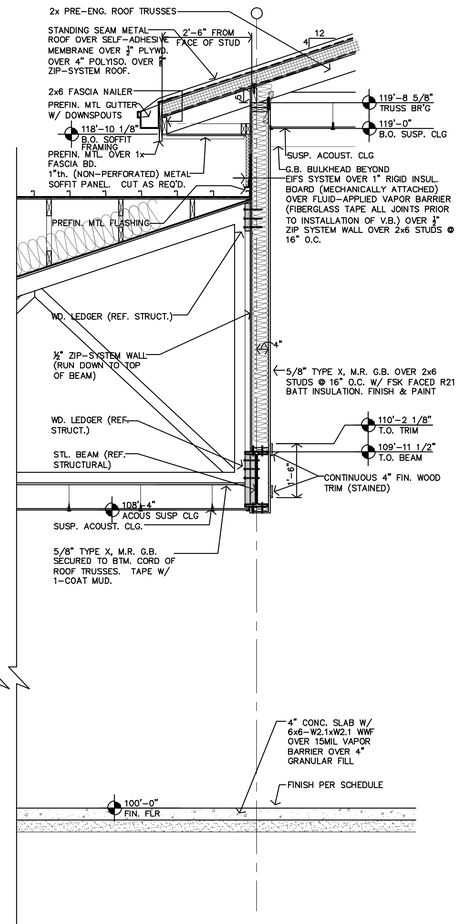
C **REMOTE TRANSACTION SYSTEM DRIVE-THRU ISLAND PLAN**
1/4"=1'-0"



B **ATM DRIVE-THRU ISLAND PLAN**
1/4"=1'-0"



A **WALL SECTION @ DRIVE-THRU**
1/2"=1'-0"



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CHARLES A. REINZ — 5502 — 8-28-2025 — KANSAS PROFESSIONAL ARCHITECT

REVISION:

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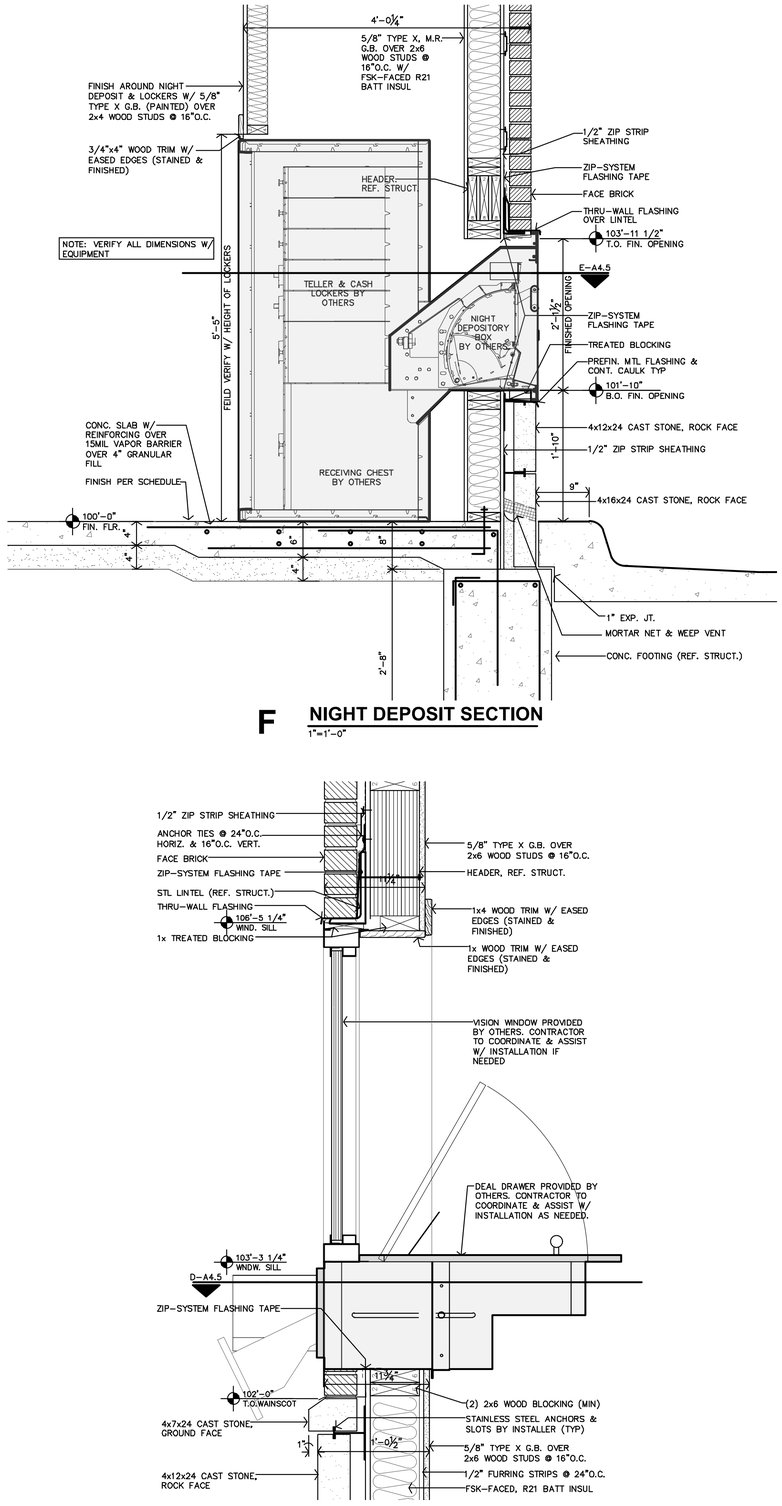
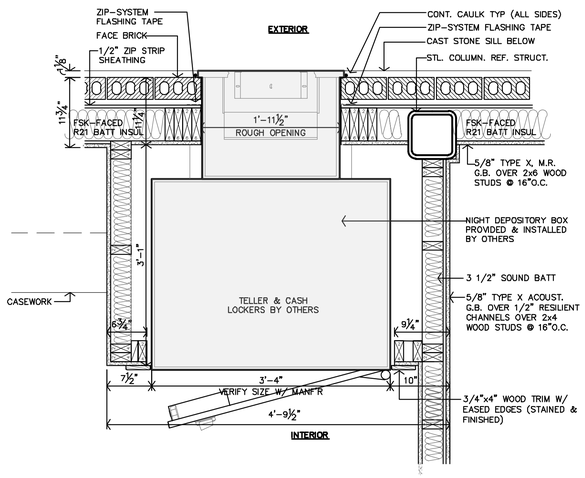
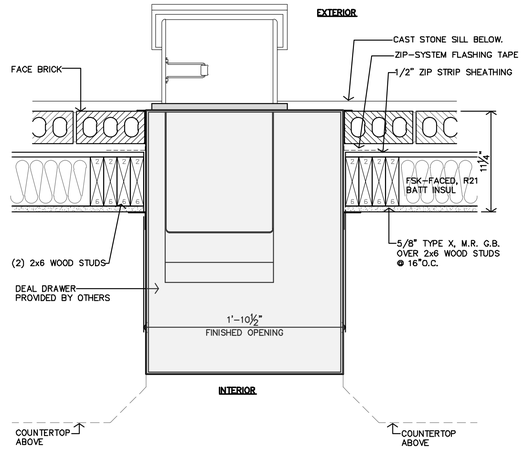


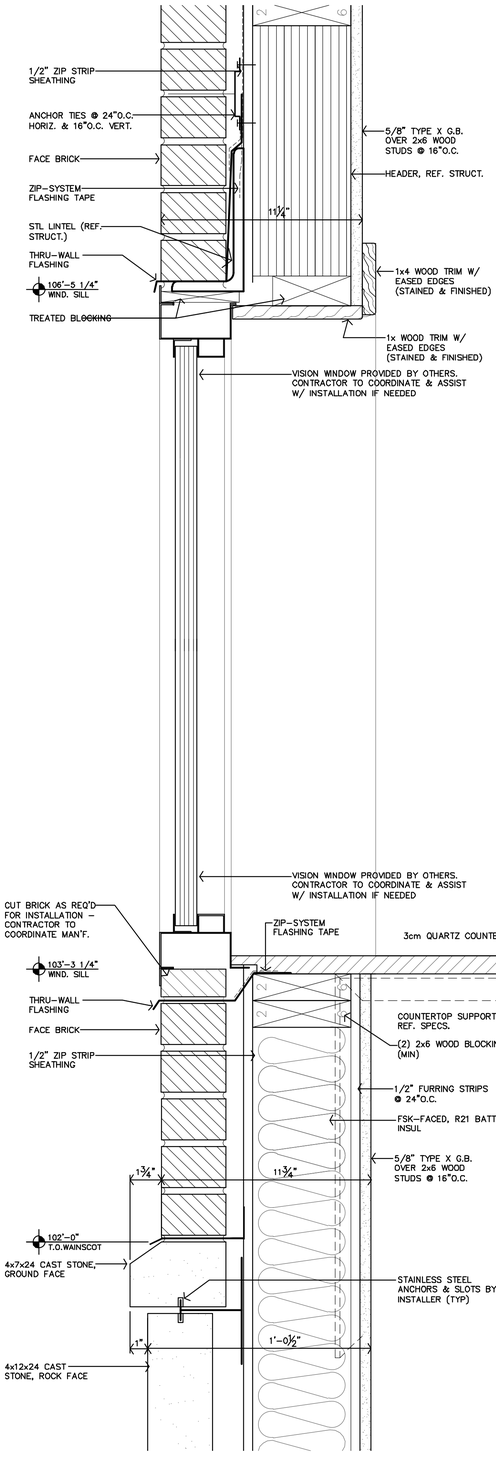
F NIGHT DEPOSIT SECTION
1"=1'-0"



E NIGHT DEPOSIT PLAN
1"=1'-0"

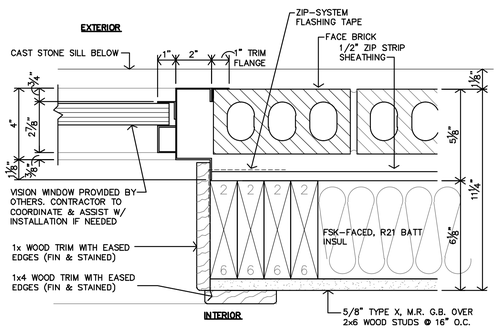


D DRIVE-THRU TELLER DEAL DRAWER PLAN
1 1/2"=1'-0"



A DRIVE-THRU TELLER WINDOW SECTION
3"=1'-0"

C DRIVE-THRU TELLER DEAL DRAWER SECTION
1 1/2"=1'-0"



B DRIVE-THRU TELLER WINDOW JAMB SECTION
3"=1'-0"

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BANK - NEW FACILITY
DODGE CITY, KANSAS

CHARLES A. RENZ LICENSED ARCHITECT 5502 8-28-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

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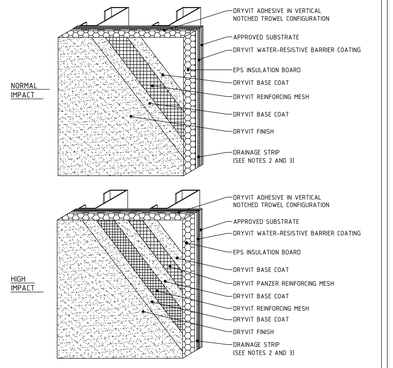

Outsulation® Plus MD System®

Outsulation Plus MD System

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. AS AN OPTION DRYVIT DRAINAGE TRACK™ CAN BE USED AT SYSTEM TERMINATION AT GRADE. REFER TO OPMD 0.0.03 FOR CONFIGURATION.
3. DRYVIT DRAINAGE TRACK SHOULD ONLY BE USED AT GRADE LEVEL TERMINATIONS.

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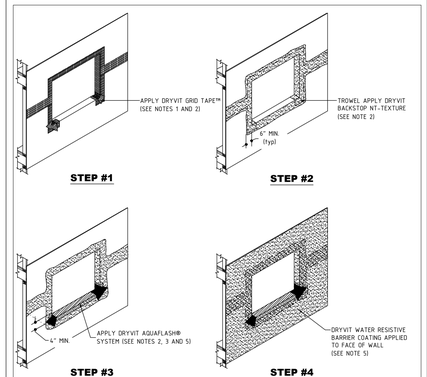
KL	10	03/08

OPMD 0.0.06



Outsulation® Plus MD System® Opening Preparation- Backstop® NT Option

NOTE:
1. APPLY DRYVIT GRID TAPE ON CORNERS OF OPENING AND SHEATHING JOINTS.
2. TROWEL APPLY DRYVIT BACKSTOP NT-TEXTURE OVER THE DRYVIT GRID TAPE ALL THE WAY TO INSIDE FACE OF OPENING. ALL VOIDS MUST BE FILLED; MULTIPLE PASSES MAY BE REQUIRED. AS AN OPTION, DRYVIT GRID TAPE AND DRYVIT BACKSTOP NT-TEXTURE MAY ALSO BE APPLIED AT THE SILL PRIOR TO DRYVIT AQUAFLASH SYSTEM OR FLASHING TAPE APPLICATION.
3. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED LIEU OF DRYVIT AQUAFLASH SYSTEM AT SILL, INCLUDING CORNER SPLICES.
4. INSTALL WINDOW UNIT AND ASSOCIATED FLASHINGS PER MANUFACTURER'S RECOMMENDATIONS, CODE REQUIREMENTS AND PROJECT DOCUMENTS.
5. REFER TO HEAD, SILL AND JAMB DETAILS FOR FLASHING INTEGRATION.

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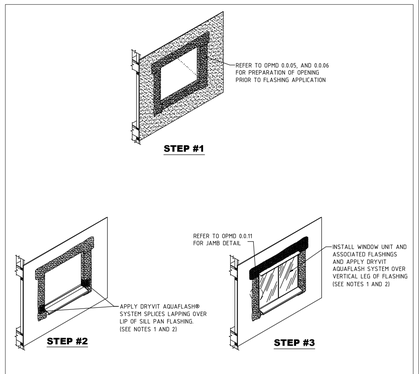

Outsulation® Plus MD System®

Opening Flashing Integration

NOTE:
1. REFER TO OPMD 0.0.08, 0.0.09 FOR INTEGRATION OF FLASHING.
2. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED LIEU OF DRYVIT AQUAFLASH SYSTEM.

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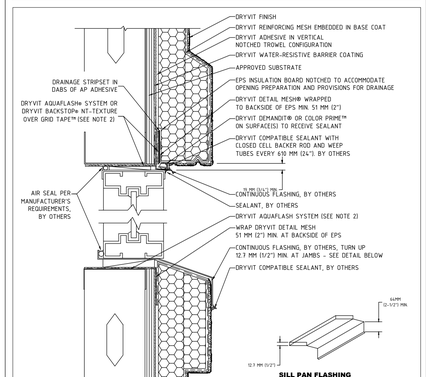
OPMD 0.0.08



Outsulation® Plus MD System®

Head/Sill- Storefront Window

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED LIEU OF DRYVIT AQUAFLASH SYSTEM.

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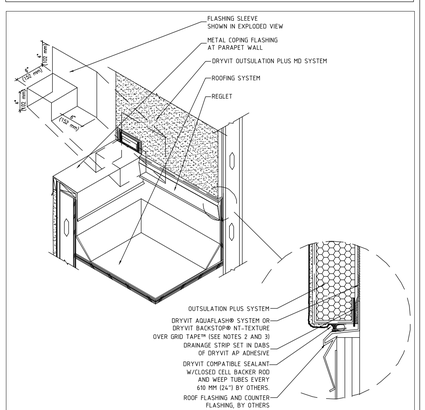
OPMD 0.0.13



Outsulation® Plus MD System®

Termination At Parapet/Wall Intersection

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. LAP ALL FLASHING AND WATER-RESISTANT BARRIERS IN SHINGLE FASHION.
3. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED LIEU OF DRYVIT AQUAFLASH SYSTEM.

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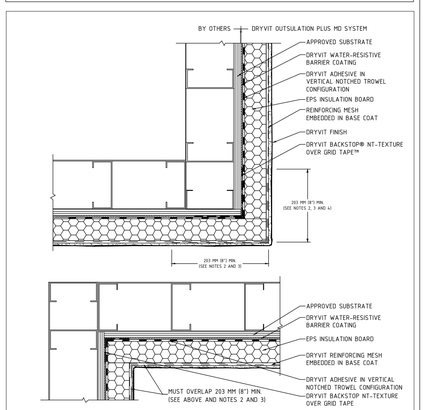

Outsulation® Plus MD System®

Inside/Outside Corners

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. DOUBLE WRAP OUTSIDE CORNERS WITH REINFORCING MESH OR USE CORNER MESH
3. DO NOT LAP REINFORCING MESH WITHIN 203 MM (8") OF A CORNER
4. OUTSIDE BOARD EDGES SHALL BE OFFSET

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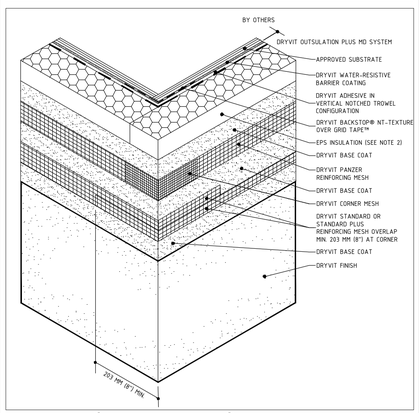

Outsulation® Plus MD System®

Outside Corner - High Impact

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
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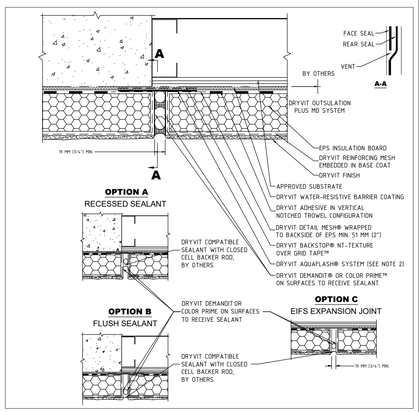

Vertical Expansion Joint Options

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED LIEU OF DRYVIT AQUAFLASH SYSTEM.
3. SEALANT SHALL NOT BE IN DIRECT CONTACT WITH ASPHALTIC ADHESIVE ON DRYVIT FLASHING TAPE. COVER DRYVIT FLASHING TAPE LAPS WITH POLYETHYLENE TAPE OR BACKER ROD.

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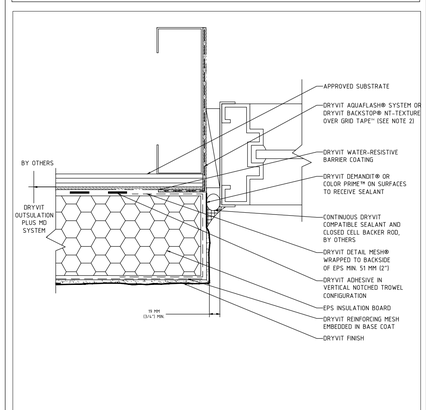

Jamb

NOTE:
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Outsulation Plus MD System Details

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8-28-2025
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PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

A4.6

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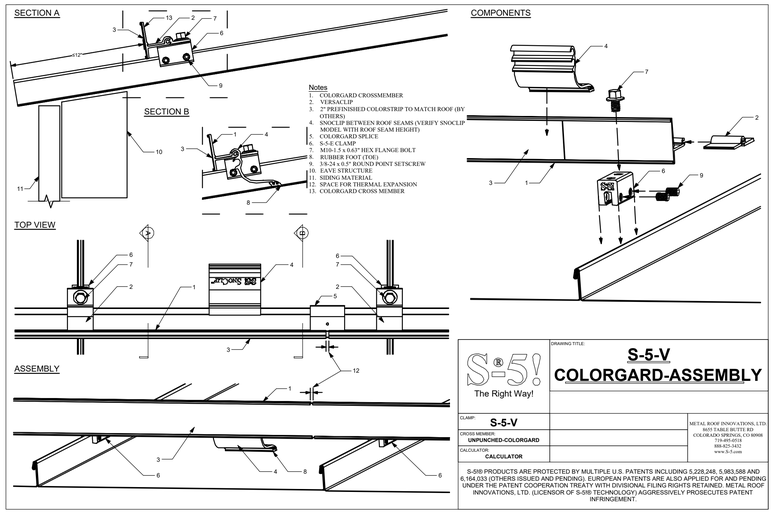
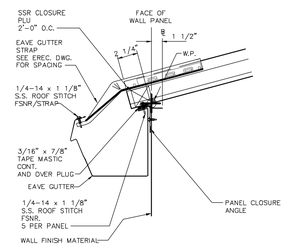


P SNOW PROTECTION DETAILS
NO SCALE NOTE: LOCATE 12" FROM EDGE OF BLDG.



K GUTTER DETAIL
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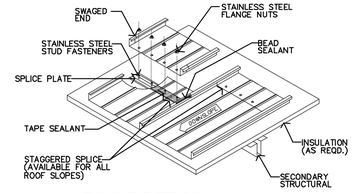
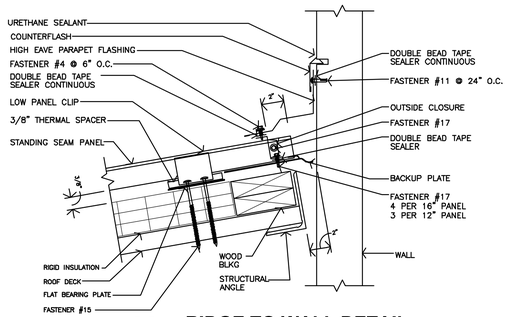
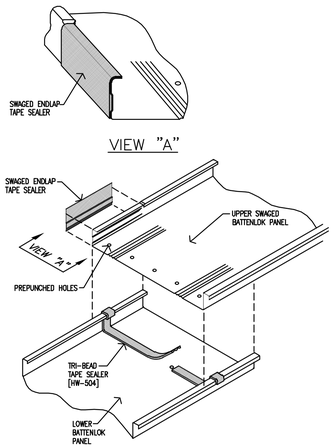


J ROOF DETAIL @ STANDING SEAM ROOF
NO SCALE



H RIDGE TO WALL DETAIL
NO SCALE



O LAP PANEL DETAIL
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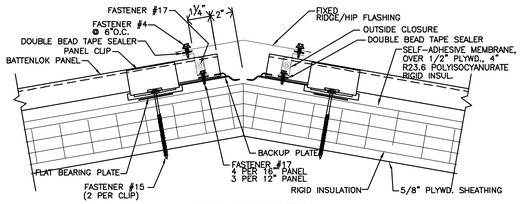

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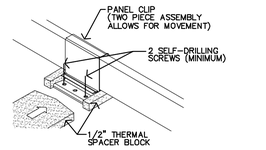


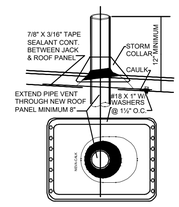
M PANEL CLIP DETAIL @ STANDING SEAM ROOF
NO SCALE

ROOFING GENERAL NOTES

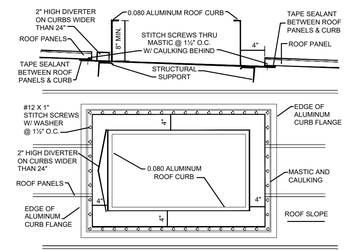
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
2. MANUFACTURER & INSTALLER SHALL BE RESPONSIBLE FOR TOTAL ROOF SYSTEM INCLUDING TRANSITIONS, FLASHINGS, ETC. TO MAINTAIN WATER TIGHT ROOF SYSTEM. SUBMIT MANUFACTURERS AND ROOFING SYSTEMS PER THE GENERAL CONDITIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE TO CONNECT ALL EQUIPMENT BY LICENSED MECHANICAL/ELECTRICAL CONTRACTOR.
4. MANUFACTURER SHALL WARRANT TOTAL ROOF SYSTEM.
5. SOME DETAILS ARE MANUFACTURER'S STANDARD, ACTUAL DECK & CONSTRUCTION VARIES. FIELD VERIFY.
6. COORDINATE WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF ANY THRU-ROOF PENETRATIONS. ALL PENETRATIONS SHALL BE SEALED PER THE PEMB MANUFACTURER'S RECOMMENDATIONS. ALL PENETRATIONS AND FLASHING ASSEMBLIES SHALL BE INCLUDED IN THE MANUFACTURER'S 20 YEAR WARRANTY.
7. EXPOSED BREAK METAL TRIM AND CLOSURES SHALL HAVE CRIMPED EDGES, TYP.
8. SNOW PROTECTION SYSTEM SHALL BE INSTALLED WHERE INDICATED ON ROOF PLAN. SYSTEM SHALL NOT BE FASTENED/SCREWED THROUGH THE MTL ROOF COMPONENTS.
9. GENERAL CONTRACTOR SHALL PAINT ALL EXPOSED ROOF VENTS "BLACK" IF MATERIAL/EQUIPMENT IS NOT "BLACK".

ROOFING DETAIL NOTES

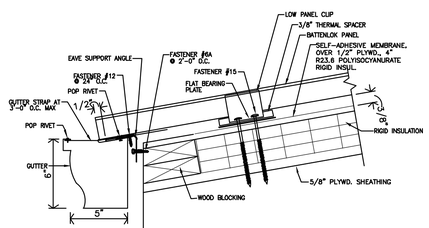
1. TYPICAL MANUFACTURER'S DETAILS ACTUAL CONDITIONS MAY VARY, REFER AND COORDINATE W/ BUILDING DETAILS PROVIDING THE MANUFACTURER'S MOST STRINGENT REQUIREMENTS, RECOMMENDATIONS, NECESSARY TO ACHIEVE COMPLETE WATERTIGHT WARRANTY.
2. A WOOD NAILER IS REQUIRED WHEN INSULATION IS GREATER THAN 1" COORDINATE WITH MANUFACTURER'S REQUIREMENTS TOP OF WOOD ATTACH WOOD NAILERS SHALL BE SPACED NO GREATER THAN 18"O.C.



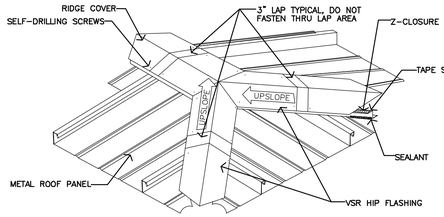
L ROOF VENT DETAIL
NO SCALE NOTE: PAINT "BLACK"



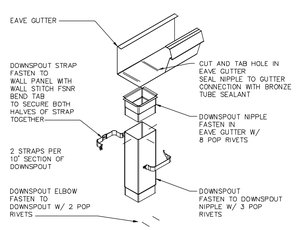
G ROOF CURB DETAIL
NO SCALE



F GUTTER DETAIL
NO SCALE



E HIP/RIDGE DETAIL
NO SCALE



D GUTTER & DOWNSPOUT
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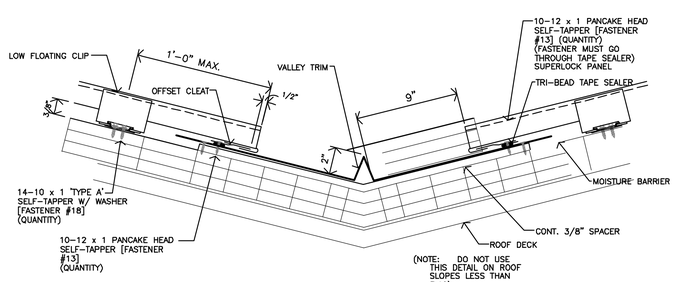

C VALLEY DETAIL
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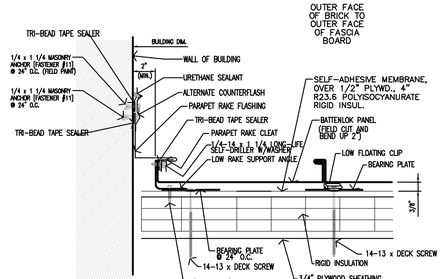

B RAKE WALL
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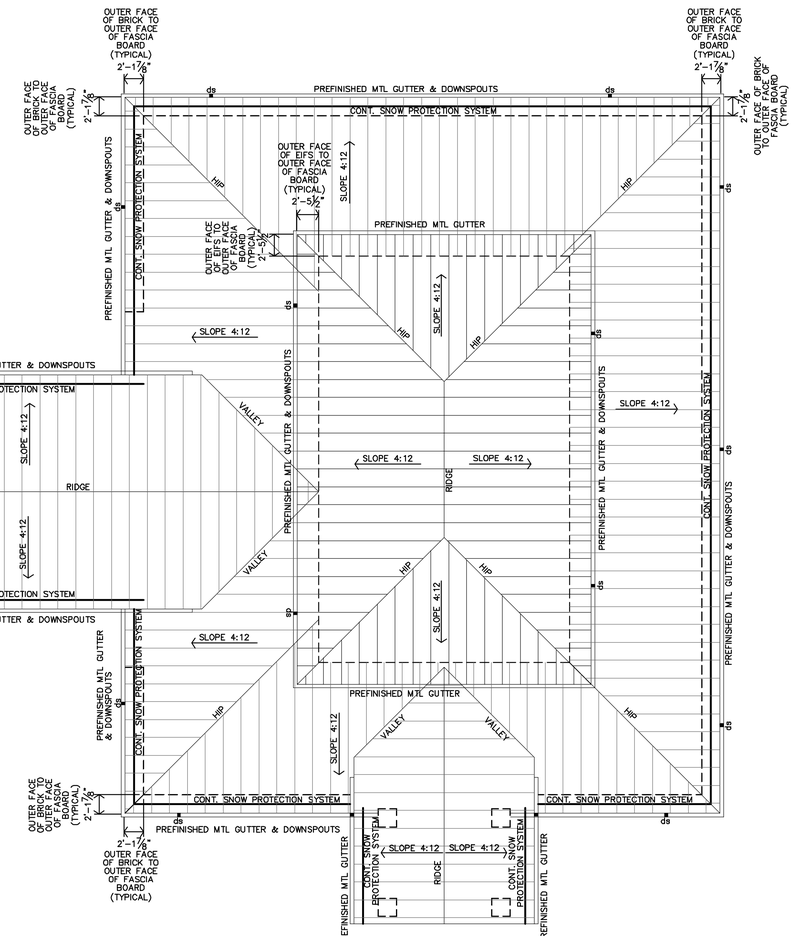

A ROOF PLAN
1/8"=1'-0"

MANUFACTURER'S-ROOFING DETAILS - CONDITIONS VARY

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REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

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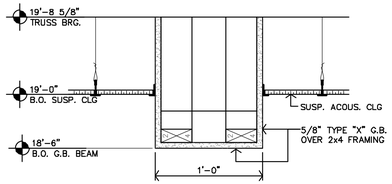
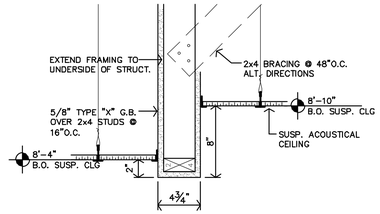
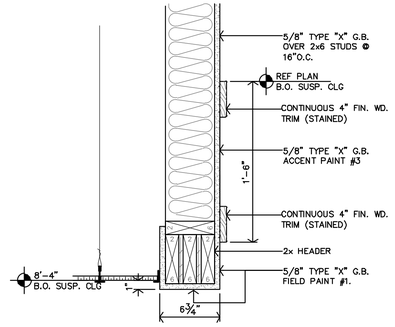


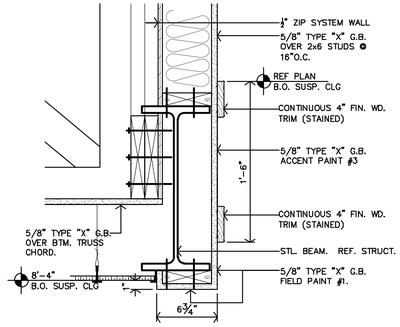
G **BULKHEAD DETAIL**
1 1/2"=1'-0"



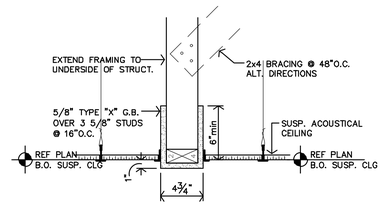
F **BULKHEAD DETAIL**
1 1/2"=1'-0"



E **BULKHEAD DETAIL**
1 1/2"=1'-0"



D **BULKHEAD DETAIL**
1 1/2"=1'-0"



C **BULKHEAD DETAIL**
1 1/2"=1'-0"

CEILING TYPES

REFER SPECIFICATIONS

1	2x2 NON-RATED
MP	METAL SOFFIT PANEL
ST	EXPOSED STRUCTURE,
GB	GYP BD (PAINTED)

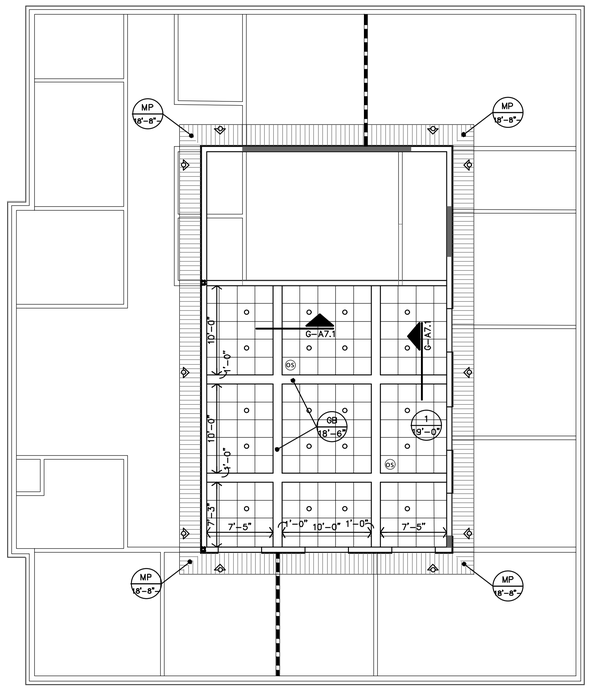
1 / 8'-8" — CLG. TYPE, CLG. HEIGHT

REFLECTED CEILING PLAN NOTES

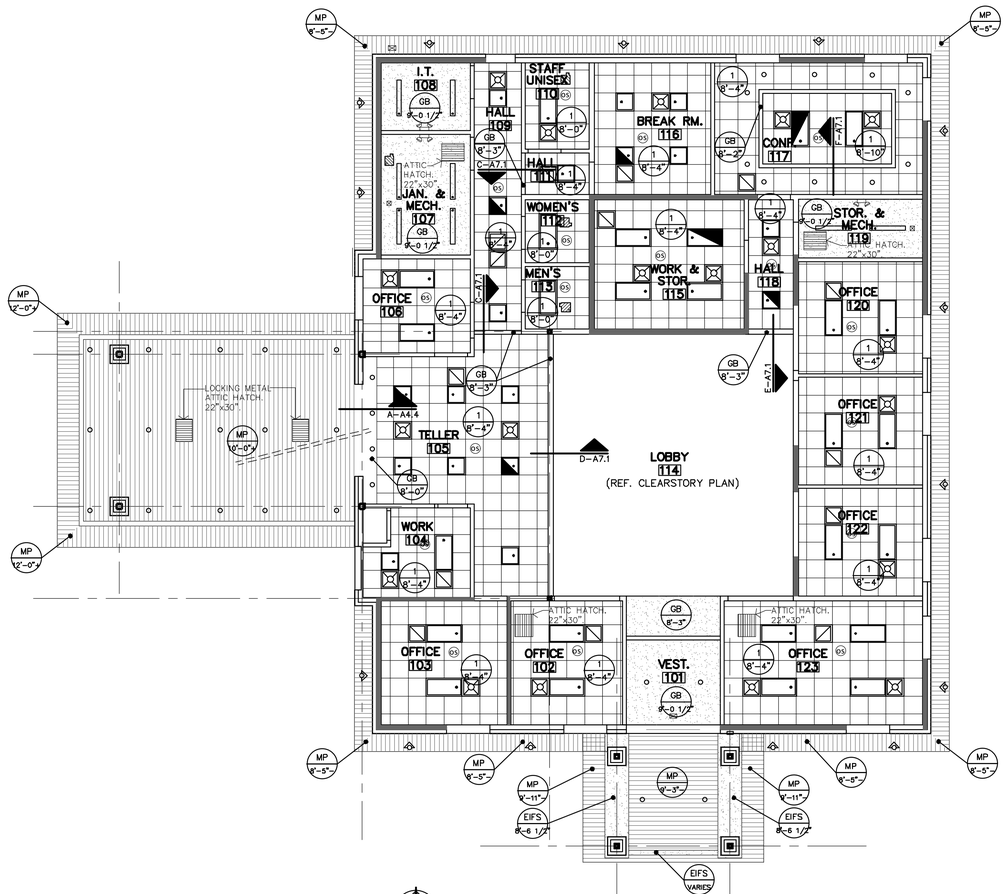
1. CONTRACTOR SHALL COORDINATE CEILING LAYOUT WITH MECHANICAL AND ELECTRICAL FIXTURE LOCATIONS. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICT OR DISCREPANCY.
2. MECHANICAL/ELECTRICAL. FIXTURES @ RATED CEILINGS SHALL BE HUNG IN CONFORMANCE TO U.L. SYSTEM REQUIREMENTS.
3. CEILING MOUNTED MECHANICAL EQUIPMENT AND SUSPENDED MECHANICAL EQUIPMENT MUST BE SUSPENDED DIRECTLY FROM THE STRUCTURE.
4. AREAS ABOVE THE FINISHED CEILING ARE PART OF A RETURN AIR PLENUM ALL MATERIALS INCLUDING THE INSULATION SHALL HAVE FLAME SPREAD LESS THAN 25 AND SMOKE DEVELOPED LESS THAN 50
5. SPECIAL CEILING GRID FRAMING IS REQUIRED AT SOME CEILING MOUNTED MECHANICAL EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH MECHANICAL UNITS AND PROVIDED ALL SUSPENSION, TRIM, CLIPS, ETC. AS REQUIRED FOR A NEAT, FINISHED, AND SECURE CEILING SYSTEM.
6. WHERE SUSPENSION DEVICES, WIRES, RODS, ETC. PENETRATE CEILING GRID AND/OR TILE OR G.B. PENETRATIONS SHALL BE NEAT AND CLEANLY CUT. PENETRATION OPENING SHALL BE AS SMALL AS POSSIBLE. SEAL AT G.B.

REFLECTED CEILING PLAN LEGEND

- NON-RATED WALLS – EXTEND TO BTM. CHORD OF ROOF TRUSS INCLUDING ALL FINISHES
- SHEAR WALL. REFERENCE STRUCTURAL.
- ATTIC DRAFTSTOPPING (1/2" M.R. G.B. OVER 1 SIDE OF TRUSS). COORD. W/ MECH. EQUIP. & TRUSS LAYOUT.



B **REFLECTED CEILING CLEARSTORY PLAN**
1/8"=1'-0"



A **REFLECTED CEILING PLAN**
1/8"=1'-0"

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ASTRA BANK

BANK - NEW FACILITY

DODGE CITY, KANSAS

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REVISION:

DATE: 8-28-2025
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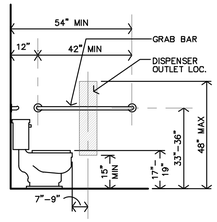
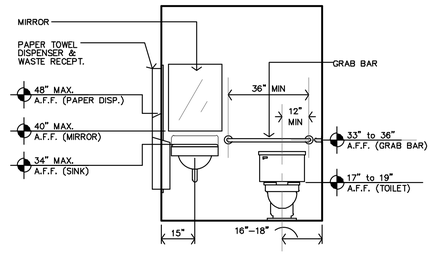


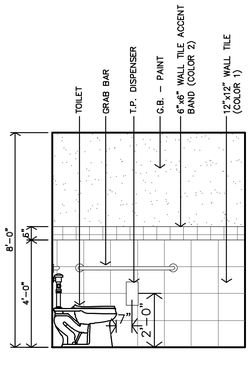
L TYP. HEIGHTS @ H.C. TOILET SIDE WALL

3/8"=1'-0" FOR HC HEIGHTS & LOCATIONS ONLY



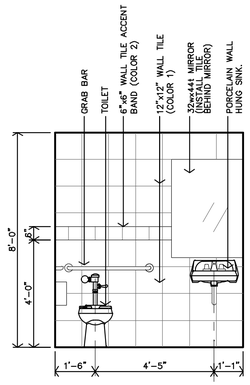
K TYP. HEIGHTS @ H.C. TOILET BACK WALL

3/8"=1'-0" FOR HC HEIGHTS & LOCATIONS ONLY



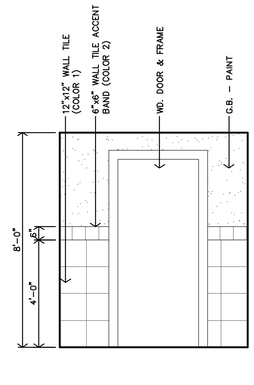
J MEN'S TLT. #113 INTERIOR ELEVATION

3/8"=1'-0"



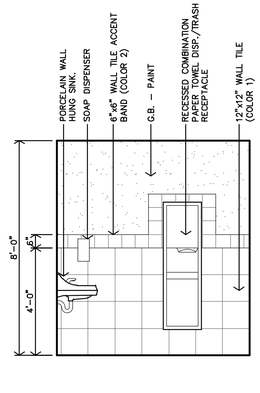
H WOMEN'S TLT. #112 INTERIOR ELEVATION

3/8"=1'-0" MEN'S TLT. #113 MIRRORED.



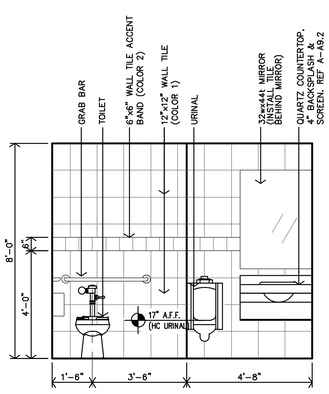
G WOMEN'S TLT. #112 INTERIOR ELEVATION

3/8"=1'-0" MEN'S TLT. #113 SAME.



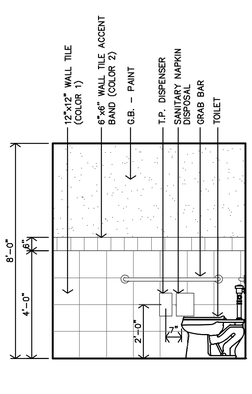
F WOMEN'S TLT. #112 INTERIOR ELEVATION

3/8"=1'-0" MEN'S TLT. #113 MIRRORED.



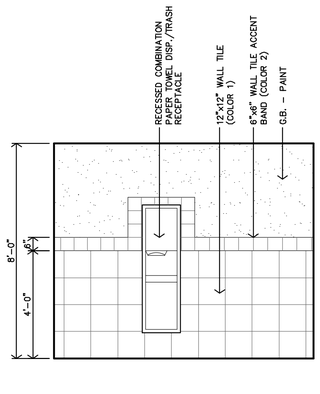
E STAFF UNISEX #110 INTERIOR ELEVATION

3/8"=1'-0"



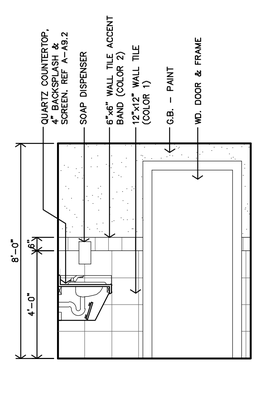
D STAFF UNISEX #110 INTERIOR ELEVATION

3/8"=1'-0" WOMEN'S TLT. #112 SAME.



C STAFF UNISEX #110 INTERIOR ELEVATION

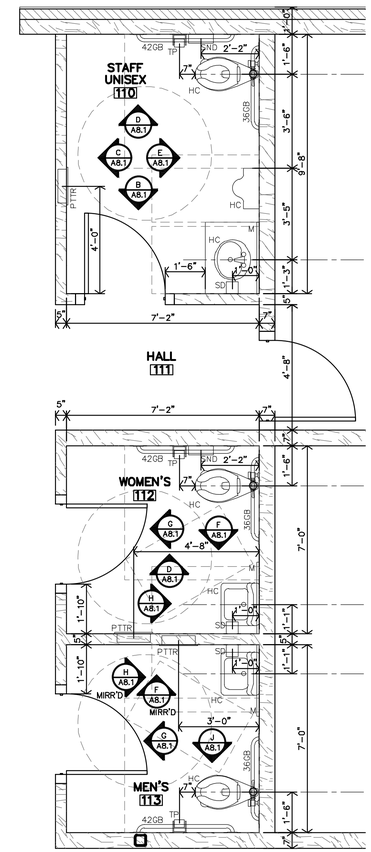
3/8"=1'-0"



B STAFF UNISEX #110 INTERIOR ELEVATION

3/8"=1'-0"

TOILET ACCESSORY LEGEND	
M	MIRROR
SD	SOAP DISPENSER
TP	TOILET PAPER DISPENSER
GB	GRAB BAR
PTTR	COMBINATION PAPER TOWEL DISPENSER/TRASH RECEPTOR
HC	HANDICAPPED
SND	SANITARY NAPKIN DISPOSAL



A ENLARGED RESTROOM PLANS

3/8"=1'-0"

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DODGE CITY, KANSAS

CHARLES A. RENZ
COMMISSION
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9-28-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

A8.1

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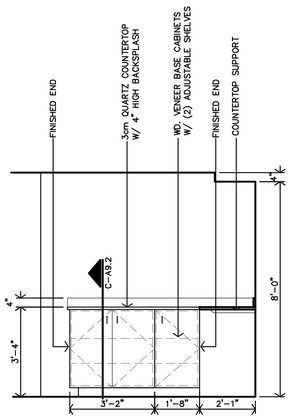
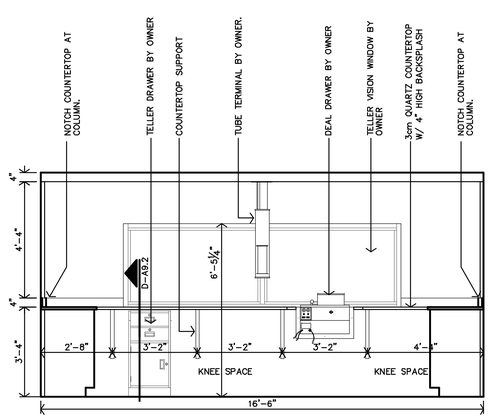
CASEWORK NOTES

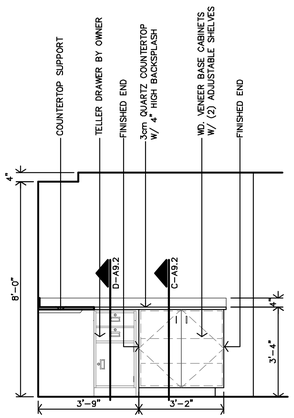
1. SELECT WHITE BIRCH ON ALL SURFACES UNLESS NOTED OTHERWISE.
2. 3cm GRANITE COUNTERTOPS ARE TO HAVE EASED EDGES U.N.O..
3. PROVIDE ALL NECESSARY FILLERS OF MATCHING MATERIALS. INSTALL CONTINUOUS FINISH FLOORING BASE @ CASEWORK TOEKICK.
4. ALL ADJUSTABLE SHELVING SHALL BE 3/4" THICK MATERIAL.
5. ALL ADJUSTABLE SHELVING SHALL HAVE 3/8" HARDWOOD EDGE TRIM ON ALL 4-SIDES.
6. PROVIDE BLOCKING BEHIND WALL FOR SUPPORT OF CABINETRY.
7. UPPER CABINETS SHALL HAVE (2) ADJUSTABLE SHELVES PER EACH, UNLESS NOTED OTHERWISE.
8. REFERENCE ELEVATIONS FOR NUMBER OF ADJUSTABLE SHELVES AT LOWER CABINET UNITS.
9. STAINING OF ALL HARDWOOD TRIM SHALL BE PER THE PAINTER.
10. CABINETS TO BE FLUSH OVERLAY UNLESS NOTED OTHERWISE.
11. PROVIDE & INSTALL ANGLE SUPPORT BRACKETS WHERE COUNTERTOP SPAN EXCEEDS 48" IN WIDTH.
12. BACKSPLASHES TO MATCH COUNTERTOP MATERIALS W/ EASED OUTER EDGES.



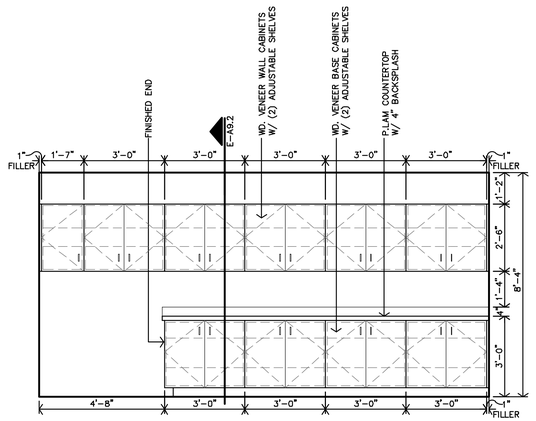
H DRIVE-THRU TELLER CASEWORK ELEVATION
3/8"=1'-0"



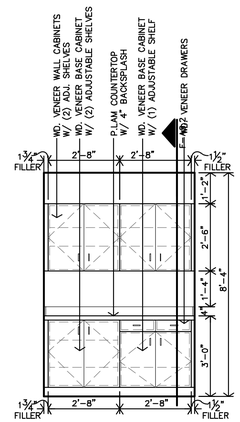
G DRIVE-THRU TELLER CASEWORK ELEVATION
3/8"=1'-0"



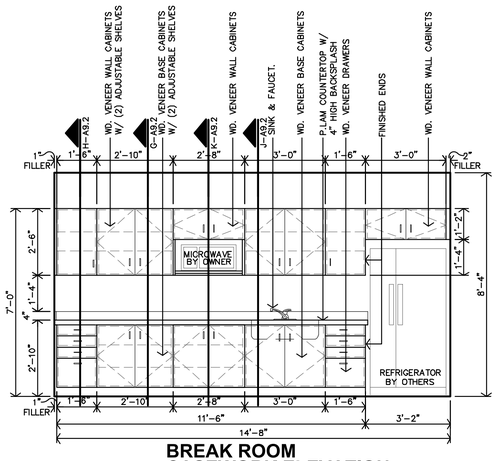
F DRIVE-THRU TELLER CASEWORK ELEVATION
3/8"=1'-0"



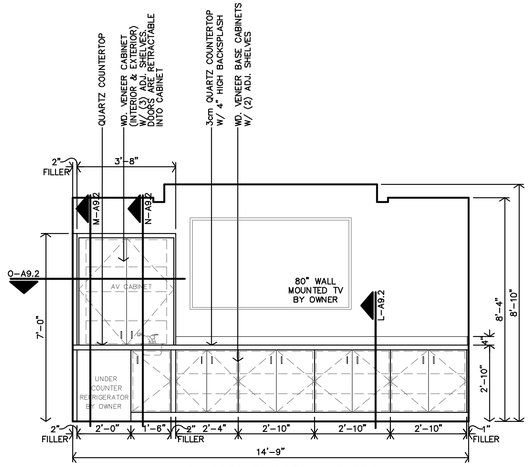
E WORK ROOM #117 CASEWORK ELEVATION
3/8"=1'-0"



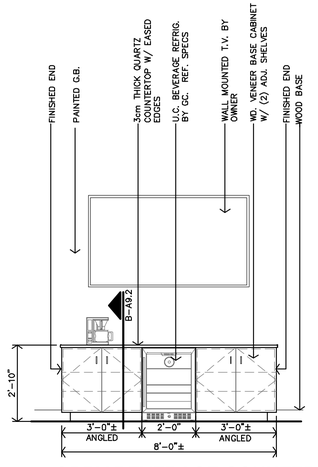
D TELLER WORK ROOM CASEWORK ELEVATION
3/8"=1'-0"



C BREAK ROOM CASEWORK ELEVATION
3/8"=1'-0"



B CONFERENCE ROOM CASEWORK ELEVATION
3/8"=1'-0"



A LOBBY BEVERAGE COUNTER CASEWORK ELEVATION
3/8"=1'-0"

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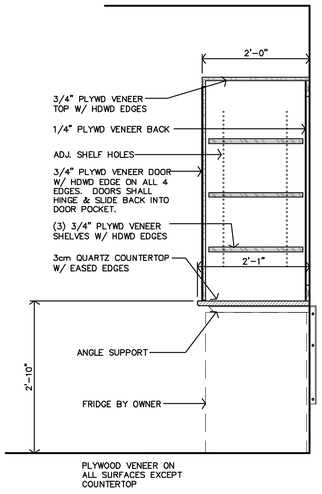
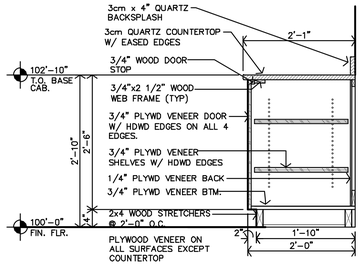


M CONFERENCE ROOM CASEWORK SECTION

3/4"=1'-0"



L CONFERENCE ROOM CASEWORK SECTION

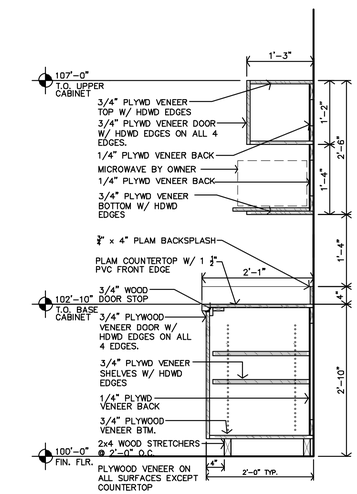
3/4"=1'-0"

F TELLER WORK RM. CASEWORK SECTION

3/4"=1'-0"

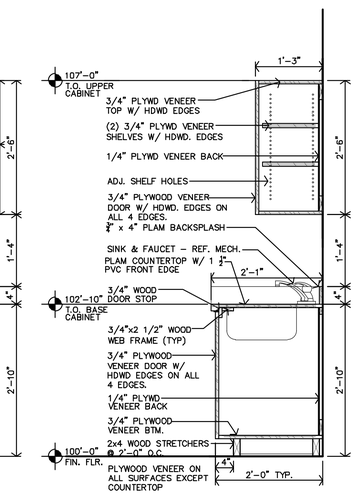
E STAFF WORK RM. CASEWORK SECTION

3/4"=1'-0"



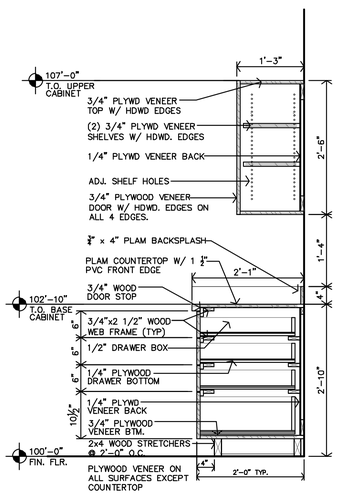
K BREAK ROOM CASEWORK SECTION

3/4"=1'-0"



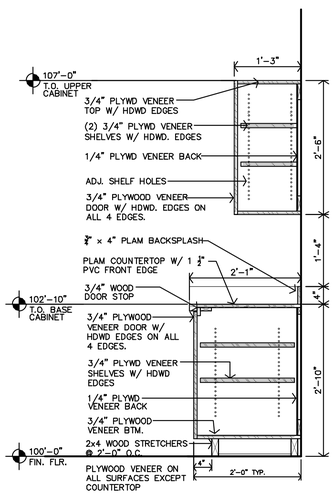
J BREAK ROOM CASEWORK SECTION

3/4"=1'-0"



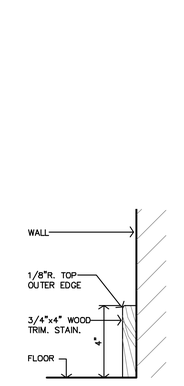
H BREAK ROOM CASEWORK SECTION

3/4"=1'-0"



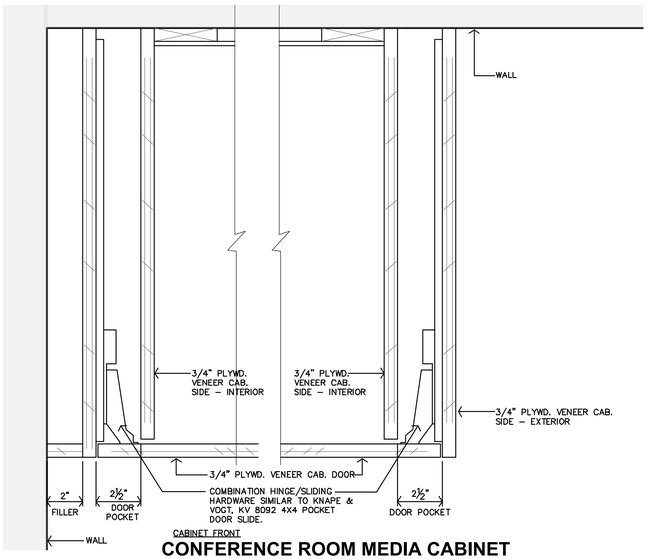
G BREAK ROOM CASEWORK SECTION

3/4"=1'-0"



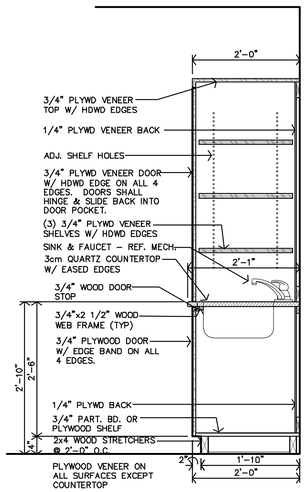
P TYP. WOOD BASE SECTION

3"=1'-0"



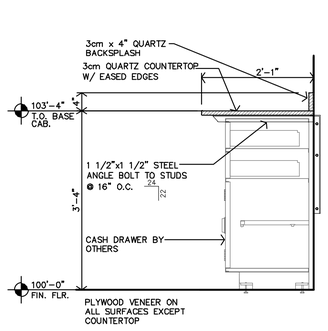
O CONFERENCE ROOM MEDIA CABINET CASEWORK PLAN SECTION

3"=1'-0"



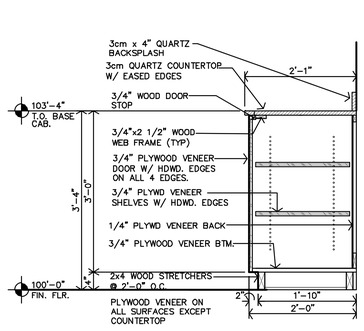
N CONFERENCE ROOM CASEWORK SECTION

3/4"=1'-0"



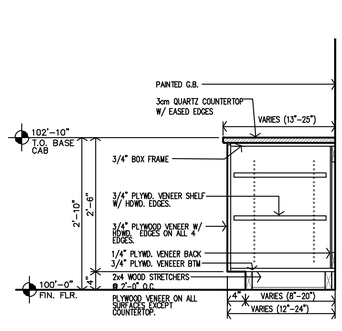
D DRIVE-THRU TELLER CASEWORK SECTION

3/4"=1'-0"



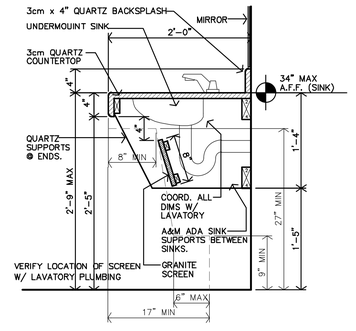
C DRIVE-THRU TELLER CASEWORK SECTION

3/4"=1'-0"



B LOBBY BEVERAGE CASEWORK SECTION

3/4"=1'-0"



A STAFF UNISEX TOILET VANITY SECTION

1"=1'-0"

NOTE: FINISH EXPOSED END.

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REVISION:

DATE: 8-28-2025

JOB: 25-3515

SHEET NO.:

A9.2

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DOOR SCHEDULE

MARK	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR MATERIAL ALUMINUM	DOOR MATERIAL S.C. WOOD	DOOR TYPE	FRAME MATERIAL ALUMINUM	FRAME MATERIAL WOOD	FRAME TYPE	DETAILS	REMARKS
101	PR 3'-0"	7'-0"	1 3/4"	●		A	●		5	A-A4.2 & V,W,X,Y,AA-A10.2	1,3,5
102	PR 3'-0"	7'-0"	1 3/4"		●	A		●	6	A-A4.2 & Q,JJ,KK,LL,MM-A10.2	2
103	3'-0"	7'-0"	1 3/4"		●	A		●	4	O,P,Q,R,S,T,U-A10.2	2
104	3'-0"	7'-0"	1 3/4"		●	A		●	2	NN,OO-A10.2	2
105	3'-0"	7'-0"	1 3/4"		●	A		●	2	FF,GG-A10.2	2,3,6
106	3'-0"	7'-0"	1 3/4"		●	A		●	2	FF,GG-A10.2	2
107	3'-0"	7'-0"	1 3/4"		●	C		●	2	FF,GG-A10.2	2
108	3'-0"	7'-0"	1 3/4"		●	C		●	2	FF,GG-A10.2	2,3
109	3'-0"	7'-0"	1 3/4"	●		C	●		1	W,CC,DD,EE-A10.2	1,3,4
111	3'-0"	7'-0"	1 3/4"		●	C		●	2	FF,GG-A10.2	2
112	3'-0"	7'-0"	1 3/4"		●	C		●	2	P,Q-A10.1	2
113	3'-0"	7'-0"	1 3/4"		●	C		●	2	FF,GG-A10.2	2
114	3'-0"	7'-0"	1 3/4"		●	C		●	2	FF,GG-A10.2	2
115	3'-0"	7'-0"	1 3/4"		●	C		●	2	PP,QQ-A10.2	2
116	3'-0"	7'-0"	1 3/4"		●	A		●	2	BB,HH-A10.2	2
117	3'-0"	7'-0"	1 3/4"		●	C		●	2	BB,HH-A10.2	2
118	3'-0"	7'-0"	1 3/4"		●	A		●	3	G,H,J,K,L,M,N-A10.2	2
119	3'-0"	7'-0"	1 3/4"		●	A		●	4	G,H,J,K,L,M,N-A10.2	2
121	3'-0"	7'-0"	1 3/4"		●	A		●	4	G,H,J,K,L,M,N-A10.2	2
122	3'-0"	7'-0"	1 3/4"		●	A		●	3	O,P,Q,R,S,T,U-A10.2	2

NOTES:
1. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CAULK FOR A WEATHER & WATERTIGHT CONDITION @ ALL EXTERIOR DOORS & DOOR FRAMES/UNITS.
2. STAIN AND SEAL WOOD DOOR FRAME & TRIM TO MATCH PREFINISHED WOOD DOOR.
3. DOORS & FRAMES SHALL BE PREPARED FOR ELECTRIC STRIKE. DOOR IS ON ACCESS CONTROL SYSTEM.
4. PROVIDE & INSTALL TWO PEEPHOLES. ONE MOUNTED AT 42"AFF & THE OTHER AT 58"AFF.
5. PROVIDE & INSTALL A REMOVABLE MULLION.
6. INSTALL NIGHT DEPOSIT PRIOR TO INSTALLING DOOR FRAME.

WINDOW SCHEDULE

MARK	SIZE W	SIZE H	STYLE	QUANTITY	DETAILS	NOTES
A	4'-10"	6'-10"	ALUM. STOREFRONT, FIXED	10	B-A4.1 & A,B,D,E,F-A10.2	1,2,3,4,5
B	4'-10"	2'-5"	ALUM. STOREFRONT, FIXED	1	B,C,E,F-A10.2	1,2,3,4,5
C	4'-10"	2'-5"	ALUM. STOREFRONT, FIXED	1	D,E,J-A10.1 & E-A10.2	1,2,3,4
D	10'-4"±	3'-2"±	VISION WINDOW (310D) BY HAMILTON/GUNNEBO	1	A-A4.4 & A,B,C-A4.5	1,2,3,5,6
E	4'-10"	1'-11 1/2"	ALUM. STOREFRONT, FIXED	6	D-A4.1 & F,G,H-A10.1	1,2,3,4,5
F	4'-0"	4'-7"	WOOD, FIXED	1	D-A4.1 & K,L,M,N-A10.1	5

NOTES:
1. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CAULK FOR A WEATHER & WATERTIGHT CONDITIONS @ ALL EXTERIOR WINDOW UNITS.
2. CONTRACTOR MUST INSTALL 1/4" INSUL. OR THERMAL BREAK. CONTINUOUS AROUND WINDOW.
3. CONTRACTOR TO PROVIDE & INSTALL MANUFACTURER'S COORDINATING SUBFRAME, PANNING & END DAM SYSTEM FOR ALL EXTERIOR WINDOWS.
4. 1" WIDE EXTRUDED ALUM. MUNTIN BARS BY WINDOW MANUF. & ADHERED TO EXTERIOR OF WINDOW UNITS.
5. STAIN & SEAL INTERIOR TRIM TO MATCH PREFINISHED WOOD DOORS.
6. FIELD VERIFY & COORDINATE EXACT REQUIRED ROUGH-OPENING PRIOR TO FRAMING.

INTERIOR FINISH SCHEDULE

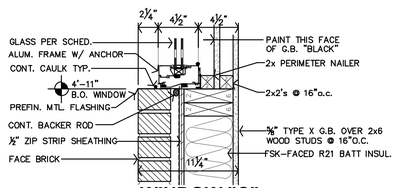
FINISHES & INSTRUCTIONS

P1 LATEX ENAMEL PAINT — C1 CARPET TILE — RB RUBBER COVE BASE — FP FIBERGLAS REINF. PANEL
P2 LATEX ENAMEL PAINT — LVT LUXURY VINYL TILE, CLEAN & WAX — CT CERAMIC TILE — SC SEALED CONCRETE

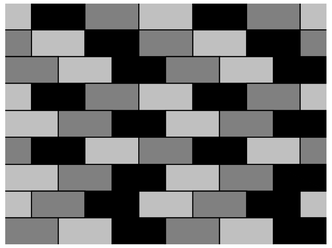
NO.	DESCRIPTION	FLOOR: CARPET TILE	FLOOR: LUXURY VINYL TILE	FLOOR: SEALED CONC.	BASE: CERAMIC TILE	BASE: 4" WOOD (STAIN & FINISH)	BASE: 4" RUBBER	N.WALL: 5/8" G.B.	N.WALL: CERAMIC TILE WAINSCOT	E.WALL: 5/8" G.B.	E.WALL: CERAMIC TILE WAINSCOT	S.WALL: 5/8" G.B.	S.WALL: CERAMIC TILE WAINSCOT	W.WALL: 5/8" G.B.	W.WALL: CERAMIC TILE WAINSCOT	CEILING: 2x2 SUSPENDED	CEILING: STRUCTURE EXPOSED	CEILING: 5/8" G.B.	HGT.	NOTES
101	VESTIBULE		LVT			●		P1		P1		P1		P1				P1	9'-0 1/2"	3
102	OFFICE	C1				●		P1		P1		P2		P1		●			8'-4"	
103	OFFICE	C1				●		P1		P1		P2		P1		●			8'-4"	
104	TELLER WORK		LVT			●		P1		P1		P2		P1		●			8'-4"	3
105	TELLER		LVT			●		P1		P1		P2		P1		●			8'-4"	3
106	OFFICE	C1				●		P2		P1		P1		P1		●			8'-4"	
107	JANITOR/MECHANICAL			SC			RB	FP		FP		FP						P1	9'-0 1/2"	6
108	I.T.			SC			RB	P1		P1		P1		P1				P1	9'-0 1/2"	
109	HALL		LVT			●		P1		P1		P1		P1		●			8'-4"	2
110	STAFF UNISEX TOILET		LVT		CT			P1	CT	P1	CT	P1	CT	P1	CT	●			8'-0"	1,3
111	HALL		LVT			●		P1		P1		P1		P1		●			8'-4"	2
112	WOMEN'S TOILET		LVT		CT			P1	CT	P1	CT	P1	CT	P1	CT	●			8'-0"	1,3
113	MEN'S TOILET		LVT		CT			P1	CT	P1	CT	P1	CT	P1	CT	●			8'-0"	1,3
114	LOBBY	C1	LVT			●		P2		P1		P1		P1		●			19'-0"	2,4,5,7,8
115	WORK/STORAGE		LVT			●		P1		P1		P1		P2		●			8'-4"	3
116	BREAKROOM		LVT			●		P2		P1		P1		P1		●			8'-4"	3
117	CONFERENCE ROOM	C1				●		P2		P1		P1		P1		●			8'-4"/8'-10"	
118	HALL		LVT			●		P1		P1		P1		P1		●			8'-4"	2
119	STORAGE/MECHANICAL			SC			RB	P1		P1		P1		P1				P1	9'-0 1/2"	
120	OFFICE	C1				●		P1		P2		P1		P1		●			8'-4"	
121	OFFICE	C1				●		P1		P2		P1		P1		●			8'-4"	
122	OFFICE	C1				●		P1		P2		P1		P1		●			8'-4"	
123	OFFICE	C1				●		P1		P1		P2		P1		●			8'-4"	

GENERAL NOTES:
A. ALL GYPSUM BOARD AREAS WHICH ARE ACCESSORIES TO THE ROOM INCLUDING BUT NOT LIMITED TO SOFFITS, BULKHEADS, TRIM, ETC. SHALL BE PAINTED REGARDLESS OF WHETHER IT IS SPECIFICALLY INDICATED PER SCHEDULE.
B. INSTALL METAL SCHLUTER TRANSITION TRIM AT FLOOR & WALL MATERIAL TRANSITIONS, UNLESS BULLNOSE OR WOOD IS INDICATED.
C. INSTALL MOISTURE RESISTANT G.B. AT ALL PLUMBING WALLS SCHEDULED FOR G.B.
D. INSTALL TRANSITION STRIP BETWEEN FLOOR MATERIAL OF DIFFERING HEIGHTS.
E. ALL H.M. DOORS & FRAMES TO BE SPRAY PAINTED (NOT BRUSHED) W/ INDUSTRIAL ENAMEL.
F. FLOORING CONTRACTOR SHALL VERIFY THAT SUBFLOOR IS LEVEL AND PROPERLY PREPPED PRIOR TO INSTALLATION OF ANY FLOORING MATERIALS.
G. ALL CONTROL JOINTS AT EXPOSED CONCRETE FLOORS SHALL RECEIVE SEALANT COMPATIBLE W/ FLOOR SEALER.
H. CONTRACTOR SHALL COORDINATE WITH INTERIOR ELEVATIONS, FLOOR PLANS AND MISCELLANEOUS DETAILS TO VERIFY ALL AESTHETIC ACCENTS AND DETAILS.
I. ALL EXPOSED GYPSUM BOARD SHALL RECEIVE A LEVEL 5 FINISH.
J. INSTALL WOOD BASE AT ALL LOCATIONS OF ENTIRE ROOM UNLESS NOTED OTHERWISE.

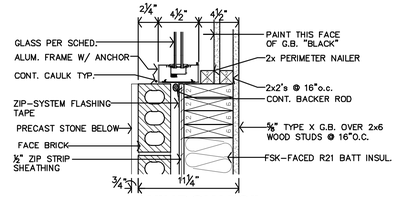
SPECIAL NOTES:
1. REFERENCE SHEET A8.1 FOR CERAMIC WALL TILE ELEVATIONS.
2. LVT FLOOR PATTERN (LVT1-3) PER O-A10.1. RUN LONG EDGE OF TILE NORTH-SOUTH.
3. RUN LONG EDGE OF LVT1 FLOORING NORTH-SOUTH.
4. INSTALL CARPET AT SEATING AREA OF LOBBY PER SHEET A2.1
5. REF. SHEET A7.1 FOR PAINTED G.B. CEILING BEAMS.
6. INSTALL FIBERGLASS REINFORCED PANEL (FRP) FULL HEIGHT AT ALL WALLS.
7. PAINT BETWEEN G.B. WALL REVEALS W/ ACCENT PAINT COLOR #3.
8. PAINT G.B. WALL BELOW HORIZONTAL WOOD BANDING W/ ACCENT PAINT COLOR #2 @ WEST WALL ONLY.



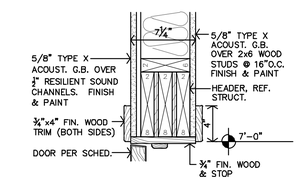
E WINDOW "C" SILL DETAIL
1 1/2"=1'-0"



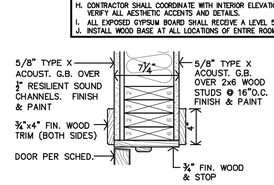
O LVT FLOOR PATTERN
1/4"=1'-0" NOTE: 18"x36" TILES



D WINDOW "C" JAMB DETAIL
1 1/2"=1'-0"



P DOOR #112 HEAD DETAIL
1 1/2"=1'-0"



Q DOOR #112 JAMB DETAIL
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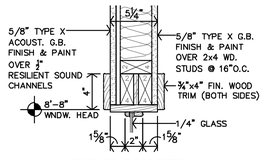
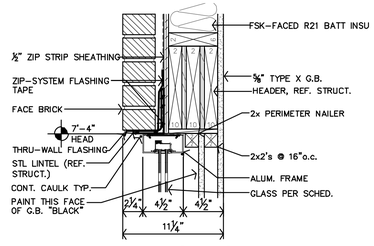


N WINDOW "F" HEAD DETAIL
1 1/2"=1'-0"



J WINDOW "C" HEAD DETAIL
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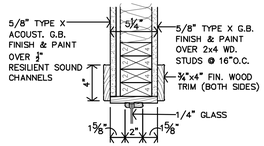
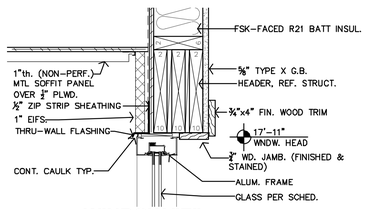
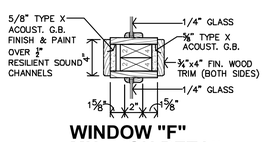


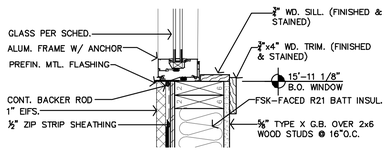
M WINDOW "F" JAMB DETAIL
1 1/2"=1'-0"



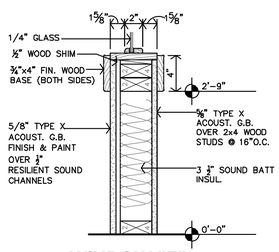
H WINDOW "E" HEAD DETAIL
1 1/2"=1'-0"



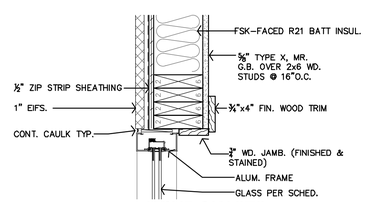
L WINDOW "F" MULLION DETAIL
1 1/2"=1'-0"



G WINDOW "E" SILL DETAIL
1 1/2"=1'-0"

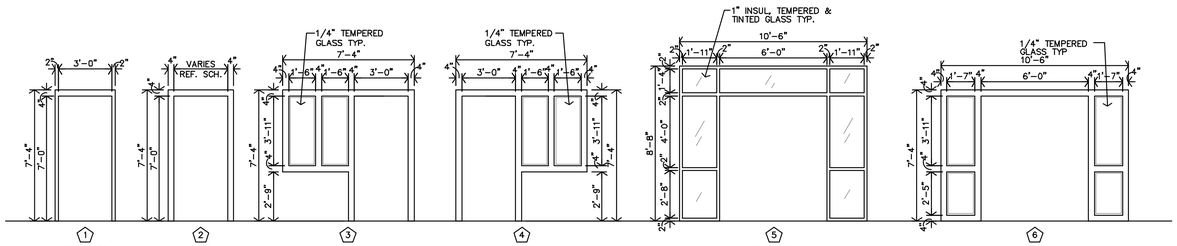


K WINDOW "F" SILL DETAIL
1 1/2"=1'-0"

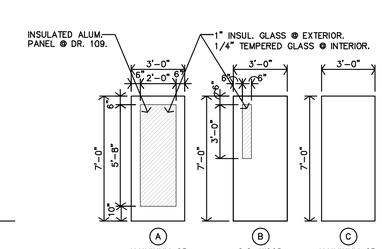


F WINDOW "E" JAMB DETAIL
1 1/2"=1'-0"

C WINDOW TYPES
1/4"=1'-0"



B DOOR FRAME TYPES
1/4"=1'-0"



A DOOR TYPES
1/4"=1'-0"

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BANK - NEW FACILITY
DODGE CITY, KANSAS

CHARLES A. RENZ LICENSED ARCHITECT 5502 8-28-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

A10.1

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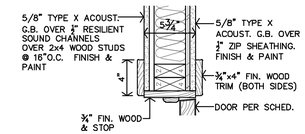
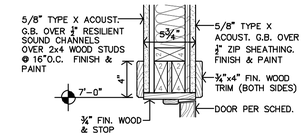
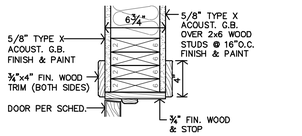


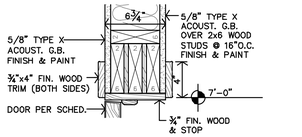
QQ DOOR #115 JAMB DETAIL
1 1/2"=1'-0"



PP DOOR #115 HEAD DETAIL
1 1/2"=1'-0"



OO DOOR #104 JAMB DETAIL
1 1/2"=1'-0"



NN DOOR #104 HEAD DETAIL
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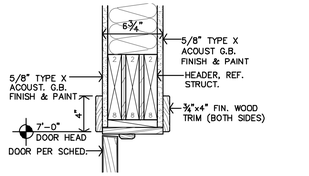
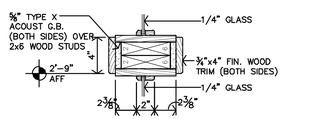


MM DOOR #102 HEAD DETAIL
1 1/2"=1'-0" SIDELITE HEAD SIM.



LL DOOR #102 RAIL DETAIL
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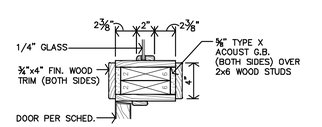

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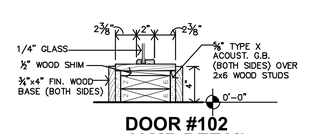

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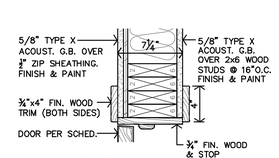

HH DOORS #116, #117 JAMB DETAIL
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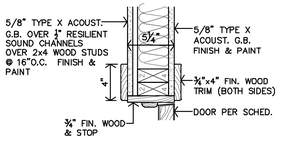
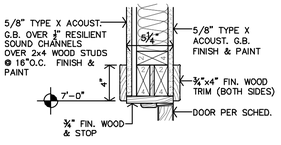
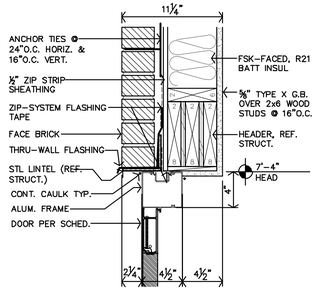


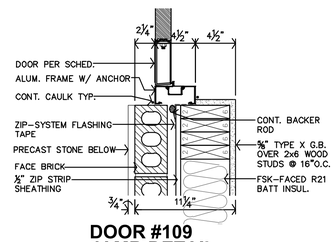
GG DOORS #105, #106, #107, #108, #111, #113, #114 JAMB DETAIL
1 1/2"=1'-0"



FF DOORS #105, #106, #107, #108, #111, #113, #114 HEAD DETAIL
1 1/2"=1'-0"



EE DOOR #109 HEAD DETAIL
1 1/2"=1'-0"



DD DOOR #109 JAMB DETAIL
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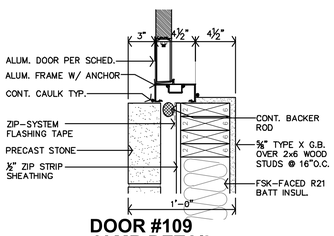

CC DOOR #109 JAMB DETAIL
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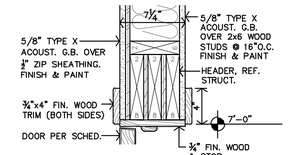
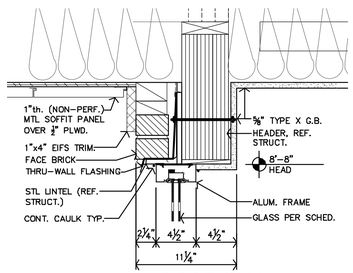


BB DOORS #116, #117 HEAD DETAIL
1 1/2"=1'-0"



AA DOOR #101 HEAD DETAIL
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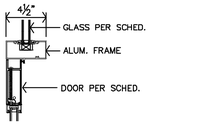
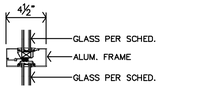


Z DOOR #101 HEAD DETAIL
1 1/2"=1'-0" JAMB SIM.



Y DOOR #101 MULLION DETAIL
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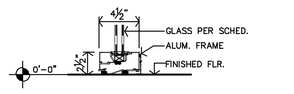

X DOOR #101 SILL DETAIL
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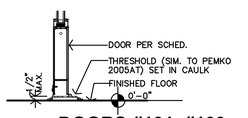

W DOORS #101, #109 THRESHOLD DETAIL
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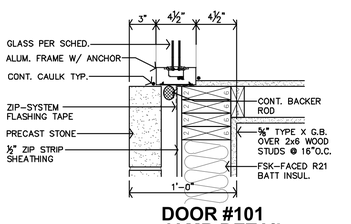
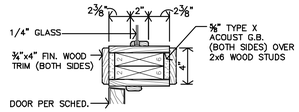


V DOOR #101 JAMB DETAIL
1 1/2"=1'-0"



U DOORS #103, #122 JAMB DETAIL
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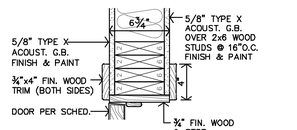

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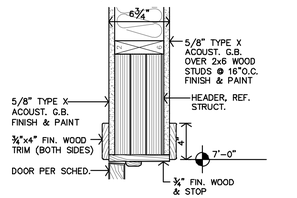

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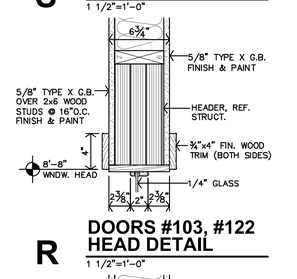

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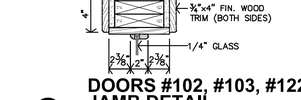

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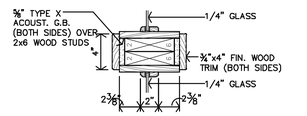

P DOORS #103, #122 MULLION DETAIL
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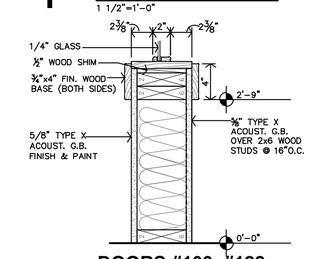

O DOORS #103, #122 SILL DETAIL
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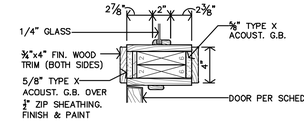

N DOORS #118, #119, #121 JAMB DETAIL
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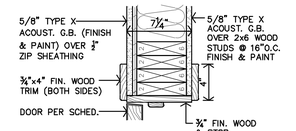

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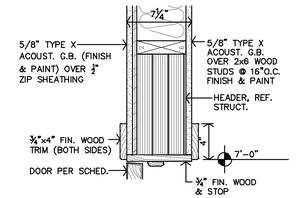

L DOORS #118, #119, #121 HEAD DETAIL
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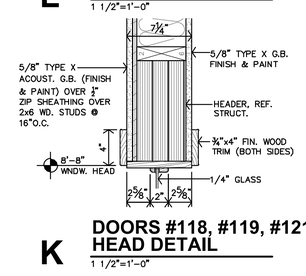
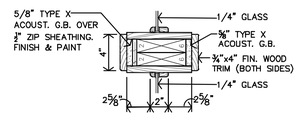


K DOORS #118, #119, #121 HEAD DETAIL
1 1/2"=1'-0"

J DOORS #118, #119, #121 JAMB DETAIL
1 1/2"=1'-0"



H DOORS #118, #119, #121 MULLION DETAIL
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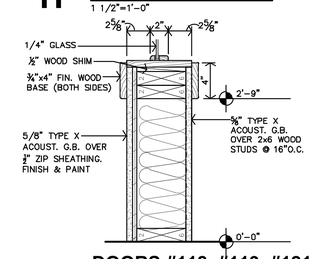

G DOORS #118, #119, #121 SILL DETAIL
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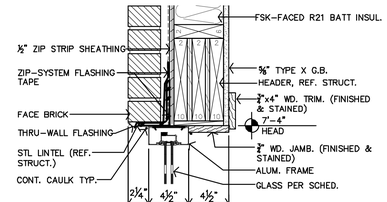
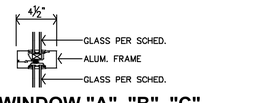
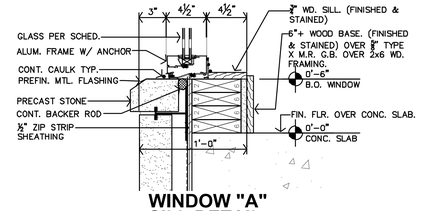


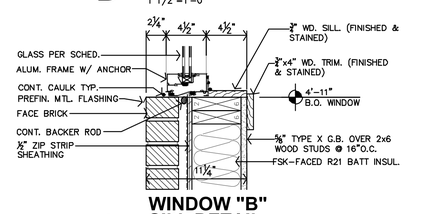
F WINDOW "A", "B" HEAD DETAIL
1 1/2"=1'-0"



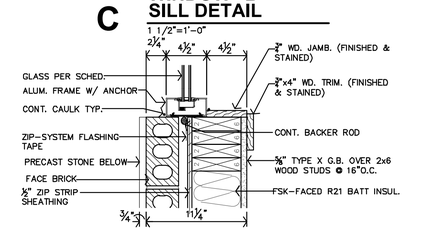
E WINDOW "A", "B", "C" MULLION DETAIL
1 1/2"=1'-0" RAIL DTL. SIM.



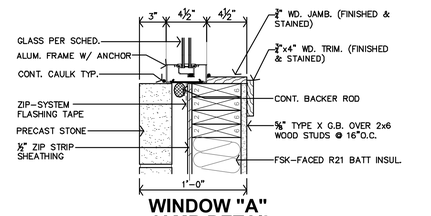
D WINDOW "A" SILL DETAIL
1 1/2"=1'-0"



C WINDOW "B" SILL DETAIL
1 1/2"=1'-0"



B WINDOW "A", "B" JAMB DETAIL
1 1/2"=1'-0"



A WINDOW "A" JAMB DETAIL
1 1/2"=1'-0"

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ASTRA BANK
BANK - NEW FACILITY
DODGE CITY, KANSAS

CHARLES A. RENZ LICENSED ARCHITECT 5502 8-28-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

A10.2

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GENERAL NOTES - STRUCTURAL

1. General Information:
   - A. The contractor shall verify dimensions and conditions before construction and notify the engineer of any discrepancies, inconsistencies, or difficulties affecting the work before proceeding.
   - B. The contractor shall coordinate all disciplines, verifying size and location of all openings, whether shown on structural drawings or not, as called for on architectural, mechanical, or electrical drawings. In the case of work in an existing building the contractor shall scan existing structure to locate all rebar in the area of the new core/opening using ground penetrating radar and notify the engineer of record for review prior to coring/cutting. Conflicts, inconsistencies, or other difficulties affecting structural work shall be called to the architect or engineer's attention for direction before proceeding
   - C. All design and construction work for this project shall conform to the requirements of the 2018 International Building Code, as amended by the City of Dodge City, Kansas.
   - D. These drawings are for this specific project and no other use is authorized.
2. Structural Design Load Criteria:
   - A. Floor Live= 100psf
   - B. Roof Live= 25psf; Roof Dead= 20psf
   - C. Snow= P_g= 15psf, P_f=11.55psf, P_m=15psf, C_e=1.0, C_t=1.1, I_s = 1.0
     Ce=1.0, Ct=1.0, Drift per ASCE/SEI 7-10
   - D. Lateral Loads:
     1.) Wind V=110 mph, Exposure C
     Occupancy [Risk] Category II, Iw=1.0
     GCpi=+/-0.18
     Design wind pressures to be used for the design of exterior component and cladding materials on the designated zones of wall and roof surfaces shall be per section 30.7 and Table 30.7-2 of ASCE/SEI 7-10. Tabulated pressures shall be multiplied by effective area reduction factors, exposure adjustment factors, and topographic factors where applicable.
     2.) Seismic: S_s = 0.08, S_1 = 0.043
     Occupancy [Risk] Category II, Ie=1.0,
     Site Classification D; Sds=0.086; Sd1=0.068
     Seismic Design Category B
     Basic Seismic Force-resisting System:
     A.1.7 - Light-framed walls with shear panels of all other materials
     Equivalent Lateral Force Procedure
     (R=2; V=0.069W, Omega=2 1/2; Cd=2)
   - E. This project is designed to resist the most critical effects resulting from the load combinations of section 1605.3 of the 2018 International Building Code.
3. Concrete:
   - A. All concrete for foundations (walls, grade beams, footings and piers) shall develop minimum ultimate compressive design strength of 3500 psi in 28 days, but not less than 500 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 6 gallons of water per 100 pounds of cement and not over 4 inches of slump.
   - B. All concrete for interior flat work shall develop minimum ultimate compressive design strength of 4000 psi in 28 days, but not less than 540 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 5.40 gallons of water per 100 pounds of cement and not over 4 inches of slump. Concrete mix shop drawing shall contain testing data proving concrete design mix shrinkage is less than 0.034% at 28 days when tested according to ASTM C157 (air drying method only).
   - C. All concrete for exterior flatwork shall have a minimum design compressive strength of 4500 psi in 28 days, with not less than 560 pounds of cement per cubic yard of concrete, not over 5 gallons of water per 100 pounds of cement, with 6% +/- 1% air entrainment, and a maximum of 4 inches of slump.
   - D. The preceding minimum mix requirements may have water-reducing admixtures conforming to ASTM C494 added to the mix at manufacturer's dosage rates for improved workability.
   - E. The preceding minimum mix requirements may have up to 15% maximum of the cement content replaced with an approved ASTM C618 Class C fly ash, provided the total minimum cementitious content is not reduced.
   - F. All interior concrete slabs on grade shall be placed over 15 mil, Class A Vapor Barrier per ASTM E1745 with less than 0.01 perms, tested after mandatory conditioning. All joints shall be lapped and sealed per manufacturer's recommendations. All penetrations, as well as damaged vapor barrier material shall also be sealed per manufacturer's recommendation prior to concrete placement. Install barrier per manufacturer recommended details at all discontinuous edges (at interior columns, exterior edge of slab, etc.) to ensure terms of warranty are followed. The vapor barrier shall be placed over free-draining granular material as prescribed by the project soils report.
   - G. All concrete is reinforced concrete unless specifically called out as unreinforced. Reinforce all concrete not otherwise shown with same steel as in similar sections or areas. Any details not shown shall be detailed per ACI 315 and meet requirements of ACI 318, current editions.
   - H. Control joints in dirt formed slab to be as shown on plans. Where not shown, limit controlled areas to not more than 144 square feet, or 12 feet on any side. Slab panel side ratio shall not exceed 1 1/2 to 1.
   - I. Contractor shall verify that all concrete inserts, reinforcing and embedded items are correctly located and rigidly secured prior to concrete placement.
   - J. Construction joints in beams, slabs, and grade beams shall occur at midspan (middle third) unless noted otherwise. Provide 2 x 4 horizontal keys at construction joints for shear transfer.
   - K. No aluminum items shall be embedded in any concrete.
4. Reinforcing Steel:
   - A. All reinforcing steel shall conform to the requirements of ASTM A615 or A706 grade 60 steel. Welded plain wire fabric shall be supplied in sheets and conform to the requirements of ASTM A1064.
   - B. Clear coverage of concrete over reinforcing steel shall be as follows:

Concrete placed against earth	3"
Formed concrete against earth	2"
Slabs	1"
Beams or Columns	1-1/2"
Other	2"

     All coverage shall be nominal bar diameter minimum.
   - C. All dowels shall be the same size and spacing as adjoining main bars (splice lap 48 bar diameters or 24" minimum unless noted otherwise).
   - D. At corners of all walls, beams, and grade beams supply corner bars (minimum 2'-0" in each direction or 48 bar diameters) in outside face of wall, matching size and spacing of horizontal bars. Where there are no vertical bars in outside face of wall, supply 3 - #4 vertical support bars for corner bars.
   - E. Bars marked continuous and all vertical steel shall be lapped 48 bar diameters (2'-0" minimum) at splices and embedments, unless shown otherwise. Splice top bars near midspan and splice bottom bars over supports, unless noted otherwise.
   - F. At all holes in concrete walls and slabs, add 2 - #5 bars (opening dimension plus 96 diameters long) at each of four sides and add 2 - #5 x 5'-0" diagonally at each of four corners of hole. Openings in 8" thick walls are reinforced similar, but with 1 - #5 instead of 2 - #5, respectively.
   - G. Unless otherwise covered on architectural plans or specifications, vertical control joints in concrete wall shall be spaced at a maximum of 20'-0" on center and coordinated with the architect. Every other horizontal wall reinforcing bar shall be discontinuous at control joints except heavy top and bottom bars unless noted otherwise. Provide base seal waterstop style number 712 (by Greenstreak Inc. or approved equal) on dirt face side of wall at all walls below grade.
   - H. Accessories shall be as specified in latest edition of the ACI Detailing Handbook and the concrete Reinforcing Steel Institute Design Handbook. Maximum accessory spacing shall be 4'-0" on center, and all accessories on exposed surfaces are to have plastic coated feet.
   - I. All slabs and stairs not shown otherwise shall be 6" thick with #4 bars at 12" on center each way. All exterior porches and stoops not otherwise detailed may be constructed in any standard manner, solid or hollow, but must be reinforced with #4 bars at 12" on center each way minimum. Porches shall be doweled to adjacent walls or grade beams with #4 bars at 12" on center, hooked or embedded 48 diameters into both members. Slope porches 1/8" per foot for drainage unless noted otherwise.
   - J. Allow 1/2 ton of reinforcing bars #4 or larger to be used as directed in the field for special conditions by the engineer of record (labor for placing same to be included).
5. Structural Steel:
   - A. All structural steel beams and columns shall be ASTM A992, grade 50 steel and all miscellaneous steel shall be ASTM A36 grade steel (except at moment connections where plates shall be ASTM A572, grade 50). Hollow Structural Sections (HSS) shall be ASTM A500, grade C. Fabrication and erection shall be in accordance with AISC 303-05 "Code of Standard Practice for Steel Buildings and Bridges" in the 13th Edition of the AISC Steel Construction Manual.
   - B. All welding shall conform to the recommendations of the AWS.
   - C. All exterior steel and connections, and brick relief angles shall be hot-dip galvanized.
   - D. All bolts not otherwise specified shall be 3/4" diameter high strength (ASTM A325-N). All bolts shall be fully pretensioned. All beam connections shall be designed per the AISC Steel Construction Manual "Framed Beam Connections" for the indicated reactions or at least 0.4 x beam total shear capacity, Vn/Omega, shown in the maximum total uniform load tables, whichever is greater; and, shall account for eccentricity when the bolt line is more than 2" from the center of the support. All connections must be two bolt minimum. Additional connection elements may not be specifically shown in the conceptual details in this set but may be required by the final connection design, such as stiffener plates, doubler plates, supplement/reinforcing plates or other connection material. Connection design and shop drawing preparation shall be completed under the direct supervision of a professional engineer licensed in the state the project is located and shop drawings and connection calculations shall bear his seal. The above loading information is given at the service-load level. Allowable Stress Design is to be used in the selection and completion of the connection design and details.
   - E. All anchor bolts shall be 3/4" diameter, ASTM F1554, Grade 36 unless noted otherwise. Washers of minimum size and thickness for the given anchor diameter in Table 14-2 of the AISC Steel Construction Manual shall be provided at every column anchor bolt. Washers shall have a standard size hole for the anchor bolt. At building perimeter columns and columns at braced frames washers shall be welded all around to the column base plate with 3/16" fillet weld.
   - F. Allow 0.5 tons structural steel to be used as directed in field for special conditions by the engineer of record. Cost for shop drawings, fabrication, delivery, detailing, and erection to be included. 50% of structural steel allowance shall be bid as miscellaneous galvanized angle and plate.
6. Post-Installed Anchors:
   - A. Post-installed anchors shall be used only where specified on the drawings unless approved in writing by the engineer of record. See drawings for anchor diameter, spacing and embedment. Performance values of the anchors shall be obtained for specified products using appropriate design procedures and/or standards as required by the governing building code. Anchors installed in concrete shall have an ICC-ES Evaluation Service Report. Special inspection is required for all post-installed anchors. The general contractor shall coordinate an on-site meeting with the post-installed anchor manufacturer field representative and subcontractor performing the anchor installation to educate the construction team on the anchor installation guidelines and requirements. The contractor shall send a record copy of the meeting meetings to the design team.
   - B. Mechanical anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ACI 355.2 and ICC-ES AC193. All anchors shall be installed per the anchor manufacturer's written instructions.
   - C. Adhesive anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ICC-ES AC308. All anchors shall be installed per the anchor manufacturer's written instructions.
   - D. Mechanical anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC01. All anchors shall be installed per the anchor manufacturer's written instructions.
   - E. Adhesive anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC58. All anchors shall be installed per the anchor manufacturer's written instructions.
7. Foundations:
   - A. A soil investigation was not prepared for this site. Soil shall be field verified to safely sustain 1500psf bearing.
   - B. Spread footings, grade beams, and retaining walls are designed to bear on engineered fill or undisturbed soil capable of safely sustaining 1,500psf.
   - C. Contractor shall provide for dewatering at excavations from either surface water or seepage.
   - D. All foundation excavations shall be inspected by a qualified soil engineer, approved by the architect and/or structural engineer, prior to placement of steel or concrete. This inspection shall be at the owner's expense.
   - E. Moisture content in soils beneath building locations should not be allowed to change after footing excavations and after grading for slabs on grade are completed. If subgrade materials become desiccated or softened by water or other conditions, recompact materials to the density and water content specified for engineered fill. Do not place concrete on frozen ground.
8. Concrete Block Masonry:
   - A. Concrete block used in exterior walls or load bearing walls shall meet the requirements of ASTM C90 and have a minimum net compressive strength of 2650 psi and laid up using type N mortar such that f'm equals 2000 psi. Mortar shall be volume proportion based cement lime mortar. Proportioning shall be completed by box measure. Any block in contact with earth shall be normal weight units, laid using type "S" mortar and grouted solid.
   - B. The contractor shall provide adequate temporary bracing for all masonry walls during construction.
   - C. All concrete block shall have 9 gage (or larger) horizontal joint reinforcing (ladder or truss) per architectural drawings and specifications (16" maximum vertical spacing).
   - D. Cavity wall construction shall be reinforced as designed for specific concrete block used. The horizontal joint reinforcing shall be of the ladder or truss style per specification and continuous between brick and block, as prescribed by architectural drawings.
   - E. Concrete block shall be reinforced as follows in 6", 8", 10", and 12" walls unless noted otherwise:
     1.) Vertical reinforcing shall be a minimum of 1 - #4 bar in 6" and 8" walls and 2 - #4 bars in 10" and 12" walls at 4'-0" on center, at each corner, at each door and window jamb, each side of control joints and in the end void of each length of wall. Lap splices for masonry vertical reinforcing shall be 48 bar diameters or 24" minimum.
     2.) Horizontal reinforcing:
     A.) Horizontal joint reinforcing as noted above.
     B.) Continuous horizontal bars shall be included per section or detail in bond beam or optional running bond beam where noted. Where bond beams are continuous at corners of walls, supply corner bars matching size of horizontal bars (minimum 2'-0" or 40 bar diameters in each direction).
   - F. Grout, where noted above, shall have a minimum design ultimate compressive strength of 2500 psi at 28 day test and 3/8" maximum aggregate size.
   - G. Non-load bearing concrete block walls shall be isolated from adjacent structural elements with vertical 3/8" control joints and at the top of the wall with 1" air space or compressible material and support per architectural detail.
   - H. Unless otherwise covered on architectural plans or specifications, vertical control joints in masonry construction shall be 3/8" wide, full height of wall. Joints shall be spaced at a maximum of 24'-0" on center and coordinated with the architect. All horizontal joint reinforcing shall be discontinuous at control joints in masonry. All bond beam horizontal reinforcing shall be continuous through control joints.
   - I. Lintels over all openings in walls shall be per 3/SO.3. All exterior lintels to be galvanized.
9. Timber and Wood Framing:
   - A. Quality and construction of wood framing members and their fasteners for load supporting purposes not otherwise indicated on the drawings shall be in accordance with the 2018 International Building Code.
   - B. All studs and top and bottom plates shall be Spruce-Pine-Fir No. 2 grade or Southern yellow pine No. 2 grade, visually graded lumber, with an allowable fiber stress in bending of 850 psi minimum and an elastic modulus of 1,400,000 psi unless noted otherwise. All joist, truss members and headers to be No. 2 grade DF (unless noted otherwise).
   - C. Blocking of stud bearing walls and shear walls shall be solid, matching sheathing joints.
   - D. Joist blocking and bridging shall be solid wood or cross bridging of either wood or metal straps. Spacing, in any case, shall not exceed 8'-0".
   - E. Wood members and sheathing shall be fastened with number and size of fasteners not less than that set forth in Table 2304.10.1 of the 2018 International Building Code. Roof diaphragms shall be edge nailed with 8d ring shank nails at 6" and at 12" field unless noted otherwise.
   - F. Sill plates shall be bolted to concrete slabs with 1/2" diameter bolts at 32" on center unless noted otherwise (refer to shearwall sched). Provide plate washers at sill plate anchors for shearwalls per shearwall sched. Plates in direct contact with concrete or masonry shall be treated lumber.
   - G. Service condition - dry with moisture content at or below 19% in service.
   - H. Laminated veneer lumber (LVL) shall have an allowable flexural stress (Fb) of 2,600 psi (reduced by size factor) and an elastic modulus (E) of 1,900,000 psi. Parallel Strand Lumber (PSL) shall have an allowable flexural stress (Fb) of 2,900 psi (reduced by size factor) and an elastic modulus (E) of 2,000,000 psi.
   - J. Pre-engineered wood trusses shall be designed in accordance with the Truss Plate Institute's national design standard for metal-plate connected wood truss construction (ANSI/TPI-1- latest edition). Trusses shall be designed and manufactured by an authorized member of the Wood Truss Council of America (WTCA). Truss design shall conform to specified codes, allowable stress increases, deflection limitations and other applicable criteria of the governing code.
   - K. Shop drawings showing complete erection and fabrication details and calculations (including connections) shall be submitted to the project architect/engineer for review prior to fabrication and/or erection. Such drawings shall bear the seal of a professional engineer, registered in the state of the project location. Shop drawings shall also be submitted to the local government controlling agency when requested by that agency.
   - L. All trusses shall be securely braced both during erection and permanently, as indicated on the approved truss design drawings and in accordance with TPI's commentary and recommendations for handling, installing and bracing metal-plate connected wood trusses (HIB-91, booklet) and the latest edition of ANSI/TPI-1.
   - M. The truss manufacturer shall supply all hardware and fasteners for joining truss members together and fastening truss members to their supports. Metal connector plates shall be manufactured by a member of the Wood Truss Council of America (WTCA) and shall be 20 gauge minimum. Connector plates shall meet or exceed ASTM A653, grade 33, with ASTM A924 galvanized coating designation G60.
   - N. Shipment, handling, and erection of trusses shall be by experienced, qualified persons and shall be performed in a manner so as not to endanger life or property. Apparent truss damage shall be reported to the truss manufacturer for evaluation prior to erection. Cutting or alteration of trusses is not permitted.
   - O. Contractor shall coordinate truss layout for openings and penetrations required by other trades including for plumbing, HVAC, electrical, roof access hatches, chases, etc.
   - P. Roof Truss Design criteria:

Top Chord Dead Load	= 15 psf
Top Chord Live Load	= 25 psf
Top Chord Snow Load	= PER 2.C
Bottom Chord Dead Load	= 10 psf
Bottom Chord Live Load	= 10 psf
Allowable Total Load Deflection	= L/360
Allowable Live Load Deflection	= L/480, 1/2" maximum

   - Q. Construction bracing shall be provided by the contractor as required to keep the building and studs plumb.
   - R. Structural members shall not be cut for pipes, etc., unless specifically detailed. Notching and boring of studs and top of plates shall conform to the provisions of section 2308.5.4 and 2308.5.10 of the IBC. Where top plates or sole plates are cut for pipes, ametal tie with minimum 0.058 inches thick and 1 1/2" inches wide shall be fastened to each plate across and to each side of the opening with not less than (6) 16d nails, in accordance section 2308.5.8 of the IBC.
   - S. All fasteners for wood to wood connections and wood connectors shall be as indicated in structural drawings or manufacturer literature to achieve full capacity of connector. Submittal must show that alternative will not reduce the capacity of the connection.
   - T. Wood hangers and miscellaneous hardware shall have International Building Code approval. Specified hardware in these drawings are manufactured by Simpson Strong-Tie.
10. Shop Drawing Review:
    - A. Bob D. Campbell and Company, Inc. will review the General Contractor's (GC) shop drawings and related submittals (as indicated below) with respect to the ability of the detailed work, when complete, to be a properly functioning integral element of the overall structural system designed by Bob D. Campbell and Company, Inc. Deferred submittals shall be submitted to the architect of record for review who shall forward to the building official for review and approval. Design calculations for deferred submittals shall be submitted at the same time as the shop drawings for review. Design calculations shall be prepared and sealed by a Professional Engineer licensed in the state of the project. The deferred submittal items shall not be installed until the deferred submittal documents have been approved by the building official.
    - B. Prior to submittal of a shop drawing or any related material to Bob D. Campbell and Company, Inc., the GC shall:
      1) Review each submission for conformance with the means, methods, techniques, sequences and operations of construction and safety precautions and programs incidental thereto, all of which are the sole responsibility of the GC.
      2) Review and approve each submission.
      3) Stamp each submission as approved.
    - C. Bob D. Campbell and Company, Inc. shall assume that no submission comprises a variation unless the GC advises Bob D. Campbell and Company, Inc. with written documentation.
    - D. Shop drawings and related material (if any) required are indicated below. Should Bob D. Campbell and Company, Inc. require more than ten (10) working days to perform the review, Bob D. Campbell and Company, Inc. shall so notify the GC.
      1) Concrete mix designs and material certificates including admixtures and compounds applied to the concrete after placement.
      2) Reinforcing steel shop drawings including erection drawings and bending details. Bar list will not be reviewed for correct quantities.
      3) Elevations of all reinforced concrete masonry walls at a scale no smaller than 3/8" = 1'-0" showing all required reinforcing.
      4) Grout mix designs (for CMU).
      5) Construction and control joint plans and/or elevations.
      6) Structural steel shop drawings including erection drawings and piece details. Include miscellaneous framing specified on the structural drawings, but do not submit framing specified on non-structural drawings for Bob D. Campbell and Company, Inc. review.
      7) Deferred Submittal: Structural steel connection design calculations submitted concurrently with structural steel shop drawings.
      8) Miscellaneous anchors shown on the structural drawings.
      9) Deferred Submittal: Wood truss design calculations and detailed erection and fabrication drawings. Standard stick framing shop drawings need not be submitted.
      10) Deferred Submittal: Railings and guardrails.
    - E. Bob D. Campbell and Company, Inc. shall review shop drawings and related materials with comments provided that each submission has met the above requirements. Bob D. Campbell and Company, Inc. shall return without comment unrequired material or submissions without GC approval stamp.
11. Statement of Structural Special Inspection:
    - A. The structural design for this project is based on completion of special inspections during construction in accordance with section 1704 of the 2018 International Building Code. The owner shall employ one or more qualified special inspectors to provide the required special inspections.
    - B. The following inspections and tests are required with the frequency (continuous or periodic) as defined within the referenced section or standard listed below. The General Contractor shall provide notification to the inspector when items requiring inspection are ready to be inspected and provide access for those inspections.
      1) Shop Fabrication - structural steel per Section 1704.2.5 unless AISC certified shop
      2) Shop Fabrication - pre-engineered wood trusses per Section 1704.2.5 unless TPI certified shop
      3) Steel Construction per Section 1705.2 and the quality assurance requirements of AISC 341 Chapter J (as referenced by AISC 360)
      4) Concrete Construction per Section 1705.3 and Table 1705.3
         a. Reinforcing Steel Placement
         b. Reinforcing Steel Welding
         c. Cast in Place Anchors
         d. Post Installed Anchors
         e. Design Mix Verification
         f. Concrete Sampling and Testing
         g. Concrete Placement
         h. Concrete Curing
         i. Formwork Shape, Location and Dimensions
      5) Masonry Construction per Section 1705.4 and the quality assurance requirements of TMS 402/ACI530/ASCE5 and TMS602/ACI530.1/ASCE6 Level B
      6) Verification of Soils per Table 1705.6
      7) Wood Lateral System (periodic)
         a. Wood shearwalls (include sheathing, rim board and bottom plate attachments)
         b. Portal frames
         c. Shear wall and portal frame holdowns
         d. Shear wall tension rod system
      8) Wood Gravity Framing and Placement (adjust frequency of random sampling where indicated as required)
         a. Heavy timber/SCL/glulam beams and supports (periodic)
         b. Headers and jambs (random sampling)
         c. Bearing walls (random sampling)
         d. Connector/hardware installation (random sampling)
         e. Roof trusses (random sampling)
    - C. The special inspector shall furnish inspection reports to the building official, owner, architect and structural engineer, and any other designated person.
    - D. All discrepancies shall be brought to the immediate attention of the contractor for correction, then, if uncorrected, to the proper design authority, building official and structural engineer.
    - E. The special inspector shall submit a final signed report stating that the work requiring special inspection was, to the best of the inspector's knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions of the building code.
12. Copyright and Disclaimer:
    - A. All drawings in the structural set (S-series drawings) are the copyrighted work of Bob D. Campbell and company, Inc. These drawings may not be photographed, traced, or copies in any manner without the written permission of Bob D. Campbell and Company, Inc. Exception: Original drawings may be printed for distribution to the owner, architect, and general contractor for coordination, bidding, and construction. Subcontractors may not reproduce these drawings for any purpose or in any manner.
    - B. I, Christopher A. Beverlin, P.E., registered engineer and a representative of Bob D. Campbell and Company, Inc., do hereby accept professional responsibility as required by the professional registration laws of this state for the structural design drawings consisting of S-series drawings. I hereby disclaim responsibility for all other drawings in the construction document package, they being the responsibility of other design professionals whose seals and signed statements may appear elsewhere in the construction document package.

NAILING SCHEDULE (REFER TO NOTES #1 and #2)

	CONNECTION	ATTACHMENTS (REF NOTE #3 and #4)	
1	JOIST TO SILL OR GIRDER	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
2	BRIDGING TO JOIST	2- 3" x 0.131" NAILS-TOENAIL EACH END	2-8d NAILS-TOENAIL EACH END
3	SOLE PLATE TO JOIST OR BLOCKING & TRUSS TO TOP E	3" x 0.131" NAILS AT 8"o.c.-TYPICAL FACE NAIL 4-3" x 0.131" NAILS AT 16"o.c.-BRACED WALL PANELS	16d BOX NAILS AT 16"o.c. MAX. FACE NAILING 3-16d BOX NAILS AT 16"o.c. BRACED WALL PANEL
4	TOP PLATE TO STUD	3- 3" x 0.131" NAILS-END NAIL	2-16d NAILS-END NAIL
5	STUD TO SOLE PLATE	4- 3" x 0.131" NAILS-TOENAIL OR 3- 3" x 0.131" NAILS-END NAIL	4-8d NAILS-TOENAIL OR 2-16d NAILS-END NAIL
6	DOUBLE STUDS	3" x 0.131" NAILS AT 8"o.c.-FACE NAIL	16d BOX NAILS AT 24"o.c. MAX. FACE NAIL
7	DOUBLED TOP PLATES	3" x 0.131" NAILS AT 12"o.c.-FACE NAIL	16d BOX NAILS AT 16"o.c. MAX. FACE NAIL
8	DOUBLE TOP PLATE LAPS AND INTERSECTIONS	12-3" x 0.131" NAILS	8-16d NAILS
9	BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3-3" x 0.131" NAILS -TOENAIL	3-8d NAILS-TOENAIL
10	RIM JOIST TO TOP PLATE	3" x 0.131" NAILS AT 6"o.c.-TOENAIL	10d NAILS AT 6"o.c. MAX.-TOENAIL
11	TOP PLATE LAPS AND INTERSECTIONS	3- 3" x 0.131" NAILS-FACE NAIL	2-16d NAILS-FACE NAIL
12	CONTINUOUS HEADER, TWO PIECES	3" x 0.131" NAILS AT 10"o.c. ALONG EACH EDGE	16d NAILS AT 16"o.c. MAX. ALONG EACH EDGE-TOENAIL
13	CEILING JOISTS TO PLATE	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
14	CONTINUOUS HEADER TO STUD	4- 3" x 0.131" NAILS-TOENAIL	4-8d NAILS-TOENAIL
15	CEILING JOISTS, LAPS OVER PARTITIONS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
16	CEILING JOISTS TO PARALLEL RAFTERS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
17	RAFTER TO PLATE	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
18	1" BRACE TO EACH STUD AND PLATE	2- 3" x 0.131" NAILS-FACE NAIL	2-8d NAILS-FACE NAIL
19	BUILT-UP CORNER AND MULTIPLE STUDS	3" x 0.131" NAILS AT 16"o.c.	16d NAILS AT 24"o.c. MAX.
20	BUILT-UP GIRDER AND BEAMS	3" x 0.131" NAILS AT 24"o.c. FACE NAILED TOP AND BOTTOM STAGGERED ON OPPISITE SIDES 3- 3" x 0.131" NAILS AT ENDS AND EACH SPLICE	20d NAILS AT 32"o.c. MAX. TOP AND BOTTOM STAGGERED ON OPPSITE SIDES. 2-20d NAILS AT ENDS AND EACH SPLICE
21	BUILT-UP LAMINATED VENEER LUMBER BEAMS	3" x 0.131" NAILS AT 6"o.c. TOP AND BOTTOM ALONG EDGE	16d NAILS AT 12"o.c. TOP AND BOTTOM ALONG EDGE
22	2" PLANKING	4- 3" x 0.131" NAILS AT EACH SUPPORT	16d NAILS AT EACH SUPPORT
23	RIM BOARD TO TRUSS	2 - 3" x 0.131" FACE NAILS (1T/1B @ EA TRUSS)	2-10d NAILS - FACE NAILS (1T/1B @ EA TRUSS)
24	BUILT-UP STUD PACK COLUMNS	REFER TO DETAIL 4/SO.2	REFER TO DETAIL 4/SO.2

NOTES:
1.) ALL NAILS SHALL BE AS NOTED UNLESS OTHERWISE SPECIFIED ON STRUCTURAL DRAWINGS OR ALTERNATE PROVIDED BY ENGINEER IN WRITING.
2.) CONDITIONS NOT SPECIFIED SHALL BE IN ACCORDANCE WITH CURRENT INTERNATIONAL BUILDING CODE.
3.) NAILING DESIGNATION:
4- 3" x 0.131" NAILS
- 4 = QUANTITY
- 3" = NAIL LENGTH
- 0.131" = DIAMETER IN INCHES

4.) ALL NAILS NOTED AS 8d, 10d, 16d, ETC. SHALL BE COMMON NAILS UNLESS NOTED BOX.

STRUCTURAL DECK & SLAB SCHEDULE

MARK	DESCRIPTION
SOG-1	4" CONC. SLAB (4000 psi) ATOP 15 MIL VAPOR BARRIER, ATOP 4" GRANULAR LEVELING, ATOP LOW VOLUME CHANGE (LVC) COMPACTED MATERIAL PER GEOTECH SPECIFICATIONS. REINF. SLAB w/ 6x6-W2.1xW2.1 WWF, T/SLAB ELEV = PER PLAN.
SOG-2	4" CONC. SLAB (4500 psi, AIR ENTRAINED) ATOP 4" GRANULAR LEVELING, ATOP LOW VOLUME CHANGE (LVC) COMPACTED MATERIAL PER GEOTECH SPECIFICATIONS. REINF. SLAB w/ 6x6-W2.1xW2.1 WWF. T/SLAB ELEV= PER PLAN.
SOG-3	8" CONC. SLAB (4000 psi) ATOP 15 MIL VAPOR BARRIER, ATOP 4" GRANULAR LEVELING, ATOP LOW VOLUME CHANGE (LVC) COMPACTED MATERIAL PER GEOTECH SPECIFICATIONS. REINF. w/ #4 @ 12"oc EA WAY TOP & BOTT. T/SLAB ELEV = PER PLAN.
RD-1	19/32" APA-RATED SHEATHING ATTACH w/ 8d NAILS @ 6"oc AT EDGES AND 12"oc AT FIELD.

NOTES:
1. SOG = SLAB-ON-GRADE TYPE
2. RD = ROOF DECK TYPE

STRUCTURAL ABBREVIATIONS

@	AT	FS	FAR SIDE	PERP	PERPENDICULAR
&	AND	FTG	FOOTING	PL	PLATE
ø	ROUND, DIAMETER	FS	FIELD VERIFY	PLF	POUNDS PER LINEAR FOOT
ADTL	ADDITIONAL	FV	FAR SIDE	PJP	PARTIAL JOINT PENETRATION
AFF	ABOVE FINISHED FLOOR	FTG	FOOTING	PSF	POUNDS PER SQUARE FOOT
ALT	ALTERNATE	FV	FIELD VERIFY	PSI	POUNDS PER SQUARE INCH
ARCH	ARCHITECTURAL	GA	GAGE	QTY	QUANTITY
BLDG	BUILDING	GALV	GALVANIZE(D)	RAD	RADIUS
B/	BOTTOM OF	GEN	GENERAL	RD-#	ROOF DECK TYPE
BM	BEAM	GR	GRADE	REF	REFERENCE
BOTT	BOTTOM	HORIZ	HORIZONTAL	REINF	REINFORCEMENT
BRG	BEARING	HSS	HOLLOW STRUCTURAL SECTION	REQD	REQUIRED
C	CAMBER		INSIDE FACE	REV	REVISION
CD-#	CONCRETE DECK TYPE	INFO	INFORMATION	RLL	ROOF LIVE LOAD
CJ	CONSTRUCTION/CONTROL JOINT	INT	INTERIOR	RTU	ROOF TOP UNIT
CJP	COMPLETE JOINT PENETRATION	JST	JOIST	SC	SLIP CRITICAL
CL	CENTERLINE	⊄	JOINT	SCHED	SCHEDULE(D)
CMU	CONCRETE MASONRY UNIT		KIPS (1000 LBS)	SECT	SECTION
COL	COLUMN	KSF	KIPS PER SQUARE FOOT	SHT	SHEET
CONC	CONCRETE	KSI	KIPS PER SQUARE INCH	SIM	SIMILAR
CONN	CONNECTION	LBS, #	POUNDS	SJ	SAW JOINT
CONT	CONTINUOUS	Ld	DEVELOPMENT LENGTH	SL	SNOW LOAD
COORD	COORDINATE	LL	LIVE LOAD	SOG	SLAB-ON-GRADE
COV, CVR	COVER	LLH	LONG LEG HORIZONTAL	SOG-#	SLAB-ON-GRADE TYPE
DBL	DOUBLE	LLV	LONG LEG VERTICAL	SPCG	SPACING
DET	DETAIL	LONG	LONGITUDINAL	SPEC	SPECIFICATION
DIA	DIAMETER	LSLT	LONG-SLOTTED HOLE TRANSVERSE	SPRT	SUPPORT
DIM	DIMENSION	LTWT	LIGHTWEIGHT	SQ	SQUARE
DL	DEAD LOAD		MOMENT FORCE	SS	STAINLESS STEEL
DWG	DRAWING	MAX	MAXIMUM	SSLT	SHORT-SLOTTED HOLE TRANSVERSE
EA	EACH	MECH	MECHANICAL	STD	STANDARD
EF	EACH FACE	MFGR	MANUFACTURER	STIFF	STIFFENER
EJ	EXPANSION JOINT	MIN	MINIMUM	STIR	STIRRUP
EL, ELEV	ELEVATION	MISC	MISCELLANEOUS	STL	STEEL
EMBED	EMBEDMENT, EMBEDDED	MSNRY	MASONRY	STRUCT	STRUCTURE, STRUCTURAL
ENGR	ENGINEER	MTL	METAL	T/	TOP OF
EOD	EDGE OF DECK	NF	NEAR FACE	THRU	THROUGH
EOR	ENGINEER OF RECORD	NS	NEAR SIDE	TOS	TOP OF STEEL, TOP OF SLAB
EOS	EDGE OF SLAB	NTS	NOT TO SCALE	TRANS	TRANSVERSE
EQ	EQUAL	NW	NORMAL WEIGHT	TRS	TRUSSES
EQUIP	EQUIPMENT	OC	ON CENTER	TYP	TYPICAL
EW	EACH WAY	OF	OUTSIDE FACE	UNO	UNLESS NOTED OTHERWISE
EXP	EXPANSION	OPNG	OPENING	V	SHEAR FORCE
EXT	EXTERIOR	OPP	OPPOSITE	VERT	VERTICAL
EXTG, EXIST	EXISTING	ØVS	OVERSIZED HOLE	W/	WITH
FD-#	FLOOR DECK TYPE		AXIAL FORCE	W/O	WITHOUT
FDN	FOUNDATION	PAF	POWDER ACTUATED FASTENER	WF	WIDE FLANGE
FF	FAR FACE	PC	PRECAST	WL	WIND LOAD
FIN	FINISH	PCF	POUNDS PER CUBIC FOOT	WP	WORK POINT
FLR	FLOOR	PEMB	PRE-ENGINEERED METAL BUILDING	WWF	WELDED WIRE FABRIC

LEGEND:

- ⟶ ..... SPAN DIRECTION OF DECK - DECK TYPE PER SCHEULE ON SO.1
- A# ..... BEAM OR HEADER PER SCHED ON PLAN SHEETS
- A#-U ..... UPSET BEAM OR HEADER PER SCHED ON PLAN SHEETS
- # ..... BEARING WALL TYPE PER SCHED ON SO.2
- A ..... SHEARWALL HOLDDOWN TYPE PER SCHED ON SO.3
- #/# ..... NUMBER OF RESPECTIVE JACK/KING STUDS IN A STUD PACK. REFER TO DETAIL 1 OR 2 ON SO.1
- # ..... NUMBER OF WALL STUDS IN STUD PACK EQUAL TO KING & JAMB STUDS FROM HEADER ABOVE - TYP @ ALL LOCATIONS WITHIN A PILASTER
- A ..... INDICATED PLAN NOTE PER SCHEDULE ON PLAN SHEET WHERE INDICATED
- SW# ..... SHEARWALL TYPE PER SCHED ON SO.3

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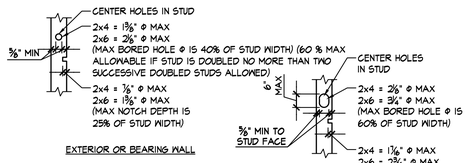
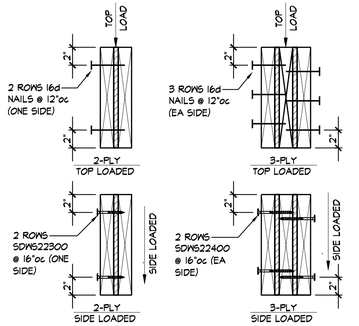


TYPICAL NOTES FOR BEARING WALLS

1. HOLES SHALL NOT BE LOCATED IN THE SAME STUD AS A CUT OR NOTCH
2. CONTACT ARCHITECT PRIOR TO CUTTING OR NOTCHING TO VERIFY SIZE AND LOCATION IF HOLES GREATER THAN 20% STUD WIDTH OR NOTCHES GREATER THAN 10% STUD WIDTH ARE REQUIRED IN TWO OR MORE CONSECUTIVE STUDS
3. NOTCHES OR HOLES NOT PERMITTED IN JAMBS, STUD PACKS AND AT ENDS OF SHEARWALLS
4. STUD SHOES ARE NOT AN ACCEPTABLE REMEDIATION OF OVER-NOTCHED OR OVER-CUT STUDS WITHOUT PRIOR APPROVAL BY EOR
5. SLOT HOLES VERTICALLY FOR SHRINKAGE ALLOWANCE

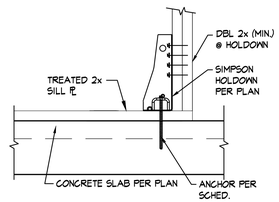
ALLOWABLE HOLES/NOTCHES IN WALL STUDS

DETAIL 1 S0.2
¾" = 1'-0"



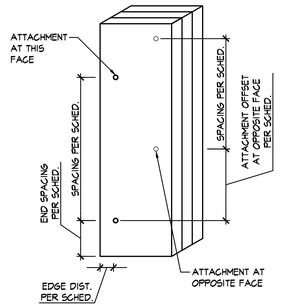
TYPICAL MULTI-PLY HEADER CONNECTION

DETAIL 2 S0.2
1½" = 1'-0"



TYPICAL HDU HOLDOWN DETAIL

SECTION 3 S0.2
¾" = 1'-0"



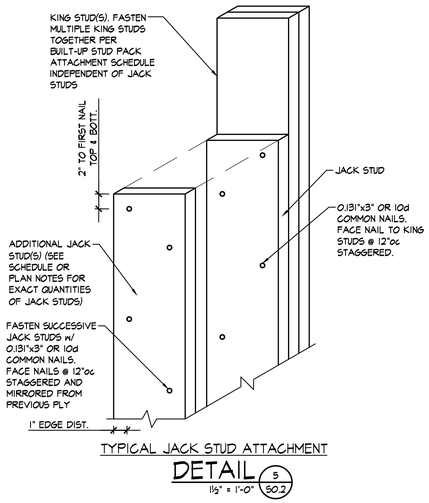
TYPICAL MULTI-PLY STUD CONNECTION

DETAIL 4 S0.2
1½" = 1'-0"

BUILT-UP STUD PACK ATTACHMENT SCHEDULE

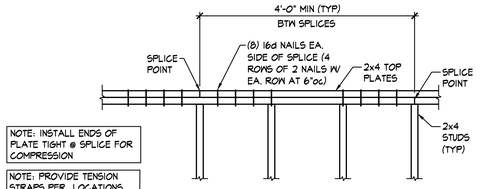
NUMBER OF PLIES	ATTACHMENT AT JAMB STUD PACKS SUPPORTING BEAMS[4]	ATTACHMENT AT WALL STUD PACKS SUPPORTING TRUSSES (IN LOAD BEARING WALLS)[5]
2-PLY MEMBERS	8d NAILS AT 12"oc, 1" FROM EDGE, W/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST NAIL 2" FROM EA. END	8d NAILS AT 12"oc, 1" FROM EDGE, W/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST NAIL 2" FROM EA. END
3-PLY MEMBERS	20d NAILS AT 16"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 8", @ 16"oc W/ FIRST NAIL 3" FROM EA. END	8d NAILS AT 12"oc, 1" FROM EDGE, W/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST NAIL 2" FROM EA. END
4-PLY MEMBERS	1/4"0x5" SIMPSON SDS SCREWS AT 16"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 8", @ 16"oc W/ FIRST SCREW 4" FROM EA. END	3 PLIES ATTACHED PER 3-PLY ATTACHMENT WITH 4TH PLY ATTACHED WITH 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROWS 6"
5-PLY MEMBERS	1/4"0x6" SIMPSON SDS SCREWS AT 12"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST SCREW 4" FROM EA. END	3 PLIES ATTACHED PER 3-PLY ATTACHMENT WITH 4TH & 5TH PLY ATTACHED AT OPPOSITE SIDES WITH 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROWS 6"
6-PLY MEMBERS	1/4"0x8" SIMPSON SDS SCREWS AT 12"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST SCREW 4" FROM EA. END	3-PLIES ATTACHED PER 3-PLY ATTACHMENT WITH 4TH PLY ATTACHED WITH 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROWS 6" AND 5TH AND 6TH PLIES ATTACHED WITH 1/4"0x5" SIMPSON SDS SCREWS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROWS 6"oc W/ FIRST SCREW 4" FROM EA. END

NOTES:
1. ALL BUILT-UP STUD PACKS MUST ALIGN FLOOR-TO-FLOOR WITH SOLID BLOCKING (SQUASH BLOCKS) AT FLOOR CAVITIES.
2. EXTEND ALL STUD PACKS TO LOWEST LEVEL, UNLESS NOTED OTHERWISE.
3. ALL NAILS ARE COMMON NAILS UNLESS NOTED OTHERWISE.
4. JAMB STUD PACKS ARE STUDS SUPPORTING STRUCTURAL MEMBERS SUCH AS BEAMS, HEADERS, GIRDER TRUSSES, ETC.
5. WALL STUD PACKS ARE REPETITIVE STUDS BETWEEN WALL PLATES AS SCHEDULED IN THE "STUD BEARING WALL SCHEDULE".



TYPICAL JACK STUD ATTACHMENT

DETAIL 5 S0.2
1½" = 1'-0"



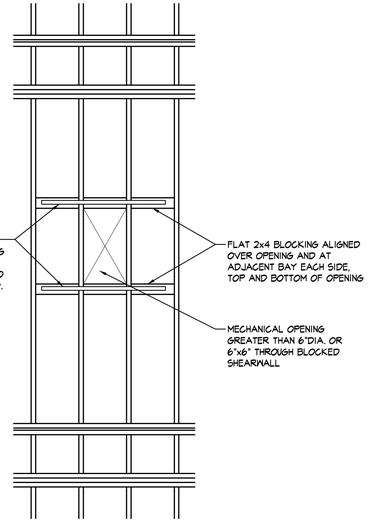
NOTE: INSTALL ENDS OF PLATE TIGHT @ SPLICE FOR COMPRESSION

NOTE: PROVIDE TENSION STRAPS PER LOCATIONS WHERE TOP PLATE SPLICE IS NOT STAGGERED 4'-0" MIN.

TYPICAL TOP PLATE SPLICE

SECTION 6 S0.2
¾" = 1'-0"

SIMPSON CS20 (MIN.) COIL STRAP TOP AND BOTTOM OF OPENING TO BLOCKING W/ 10d x 1½" NAILS AT EACH HOLE TO BLOCKING & 6" MINIMUM END LENGTH TO LAST SECTION OF BLOCKING EACH END.



TYPICAL OPENING THROUGH BLOCKED SHEARWALL

ELEVATION 7 S0.2
½" = 1'-0"

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ASTRA BANK
BANK - NEW FACILITY
DODGE CITY, KANSAS

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

S0.2

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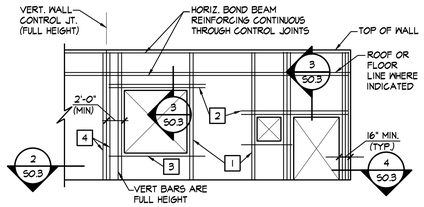


TYPICAL WALL REINFORCING AT OPENINGS

CMU WALL ELEVATION 1 S0.3

NO SCALE

I/S0.02 LEGEND:

1. FULL HEIGHT VERTICAL BARS AS JAMB REINFORCING IN FIRST 2 CELLS ADJACENT TO OPENING. REINFORCE EACH CELL WITH SIZE & QUANTITY OF BAR TO MATCH WALL REINFORCING (1 BAR TYPICAL IN 8" WALLS AND 2 BARS TYPICAL IN 12" WALLS).
2. LINTEL REINFORCING PER SECTION 3/S0.02 EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
3. 2-#5 CONTINUOUS HORIZONTAL BARS AS SILL REINFORCING IN 8" COURSE BELOW OPENING (U.N.O.). EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
4. FULL HEIGHT VERTICAL BARS PER MASONRY VERTICAL REINFORCING SCHEDULE LOCATED IN END CELL AT EACH SIDE OF VERTICAL WALL CONTROL JOINTS.

GENERAL CRITERIA: (SECTION I/S0.3 CONT.)

1.) VERTICAL REINF. BARS SHALL BE DOWELED TO FOUNDATION WITH A DOWEL OF MATCHING SIZE AND SPACING.

2.) CONTRACTOR SHALL COORDINATE AND VERIFY OPENINGS IN MASONRY WALLS. OPENINGS SHALL BE DETAILED ON REINFORCING STEEL SHOP DRAWING ELEVATIONS.

3.) VERTICAL CONTROL JOINTS IN MASONRY WALLS SHALL BE 3/8" WIDE, FULL HEIGHT OF WALL. JOINTS SHALL BE SPACED AT A MAXIMUM OF 24'-0" o.c. AND NOT LESS THAN 2'-0" FROM THE EDGE OF ANY OPENING. ALL HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL JOINTS. ALL BOND BEAM HORIZONTAL REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS. CONTRACTOR SHALL COORDINATE AND VERIFY ALL CONTROL JOINT LOCATIONS.

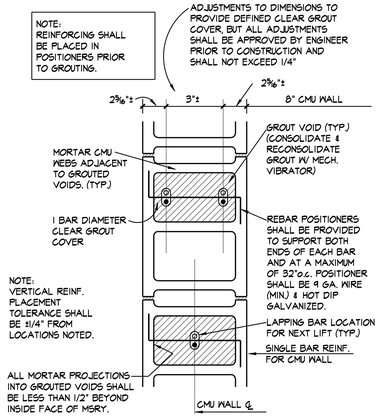
MASONRY VERTICAL REINFORCING SCHEDULE

FOR LOAD BEARING MASONRY (CMU) WALLS

WALL THICKNESS	LOCATION	VERTICAL REINF. (IN GROUTED CELLS)	SPACING
8"	MEP YARD	1- #5	24"oc

NOTES.

1. IN ADDITION TO SPACING SHOWN IN SCHEDULE, VERTICAL REINFORCING SHALL BE PROVIDED IN GROUTED CELLS AT THE FOLLOWING LOCATIONS
   - A.) IN THE FIRST 2 CELLS ADJACENT TO EACH OPENING
   - B.) IN THE END CELLS ON EACH SIDE OF VERTICAL CONTROL JOINTS
   - C.) IN THE END CELLS OF EACH LENGTH OF WALL
   - D.) AT EACH CORNER OF WALLS
2. ALL MASONRY VOIDS AND BOND BEAMS TO BE GROUTED SHALL BE FREE OF DEBRIS AND MORTAR DROPPINGS PRIOR TO GROUTING. ANY MASONRY W/ DROPPINGS OR DEBRIS OBSERVED IN VOIDS SHALL BE REJECTED.

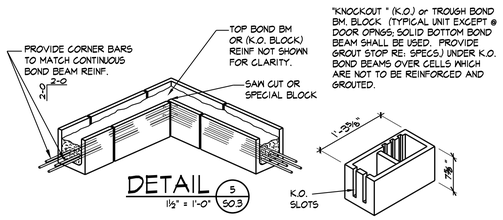


NOTE:
ALL MASONRY VOIDS AND BOND BEAMS TO BE GROUTED SHALL BE FREE OF DEBRIS AND MORTAR DROPPINGS PRIOR TO GROUTING. ANY MASONRY W/ DROPPINGS OR DEBRIS OBSERVED IN VOIDS SHALL BE REJECTED.

TYPICAL REBAR POSITIONING DETAIL

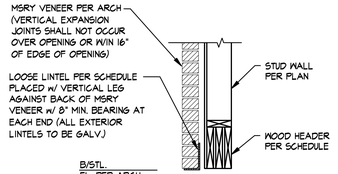
SECTION 2 S0.3

1½" = 1'-0"



DETAIL 5 S0.3

1½" = 1'-0"



TYPICAL LOOSE LINTEL DETAIL @ WOOD FRAMED WALL

SECTION 3 S0.3

⅜" = 1'-0"

LOOSE LINTEL SCHEDULE

FOR OPENINGS:	GALV. ANGLE
LESS THAN 6'-0"	5"x3½"x⅜" (LLV)
6'-0" < OPENING < 9'-0"	6"x3½"x⅜" (LLV)

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DODGE CITY, KANSAS

CHRISTOPHER A. REIMER LICENSED 23831 8-28-25 KANSAS PROFESSIONAL ENGINEER

REVISION:

DATE: 8-28-2025
JOB: 25-3515
SHEET NO.:

S0.3

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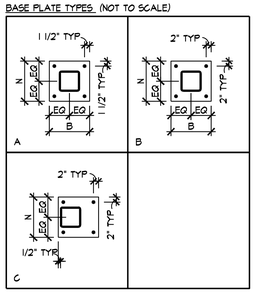
BASE PLATE TYPES (NOT TO SCALE)



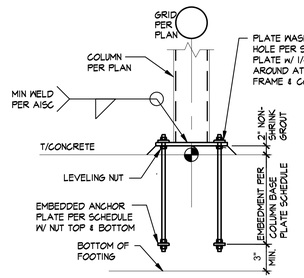
COLUMN BASE PLATE SCHEDULE

TYPE	COLUMN	BASE PLATE (txBxN)	SHAPE	ANCHOR BOLTS	EMBEDMENT
1	PER PLAN	3/4"x11"x11"	A	4- 3/4" DIA.	14"
2	PER PLAN	1"x14"x14"	B	(4)- 3/4" DIA.	20"
3	PER PLAN	1"x13"x14"	C	(4)- 3/4" DIA.	20"

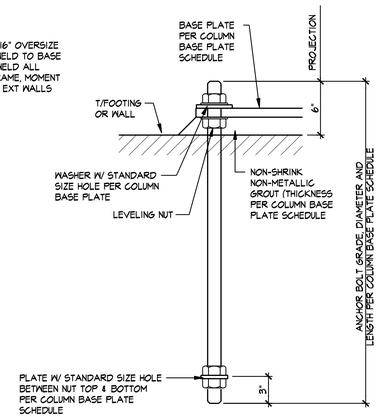
NOTES:
1. SEE PLAN FOR ORIENTATION OF COLUMNS.
2. PROVIDE PLATE WASHER & EMBEDDED PLATE PER SCHEDULE @ ALL ANCHOR BOLTS.
3. U.N.O. ALL THREADED ROD A.B.'s SHALL BE F1554 (36ksi) MATERIAL.
4. ALL BASE PLATES TO SET ATOP 2" NON-SHRINK GROUT.
5. PROVIDE LEVELING NUTS AT EACH ANCHOR BOLT.

COLUMN BASE PLATE ANCHOR-ROD CRITERIA

ANCHOR-ROD DIAMETER.	MAX. HOLE DIAMETER.	MIN. WASHER SIZE.	MIN. WASHER THICKNESS	PLATE SIZE
3/4"	1 5/16"	2"	1/4"	1/2"x2 1/2"x2 1/2"
1"	1 13/16"	3"	3/8"	5/8"x3"x3"

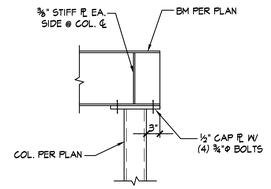


ELEVATION



TYPICAL ANCHOR BOLT

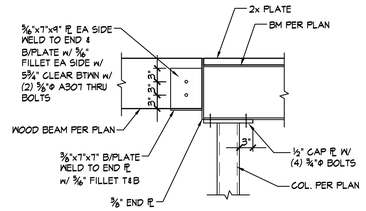
SECTION 1/S0.4
1½" = 1'-0"



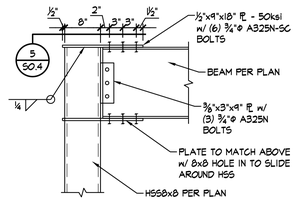
TYPICAL BEAM TO COLUMN CONNECTION AT DISCONTINOUS BEAMS

SECTION 2/S0.4
¾" = 1'-0"

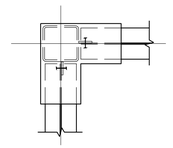
NOTE: WOOD FRAMING NOT SHOWN FOR CLARITY



SECTION 3/S0.4
¾" = 1'-0"



SECTION 4/S0.4
¾" = 1'-0"



PLAN VIEW 5/S0.4
¾" = 1'-0"

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CHRISTOPHER A. BENSON LICENSED PROFESSIONAL ENGINEER IN KANSAS 23831 8.28.25

REVISION:	
DATE:	8-28-2025
JOB:	25-3515
SHEET NO.:	

S0.4

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CONCRETE FOOTING SCHEDULE

SOIL PRESSURE : 1,500 psf	CONCRETE F'c : 3,500 psi	REBAR Fy : 60,000 psi

TYPE	FOOTING SIZE (FT) x THICKNESS (IN)	REBAR SIZE & SPACING EA. WAY[3]
3	3'-0" x 3'-0" x 12"	#4 @ 6"oc, EA. WAY, BOTTOM
3x5	3'-0" x 5'-0" x 32"	#4 @ 6"oc, EA. WAY, T&B
4	4'-0" x 4'-0" x 12"	#4 @ 6"oc, EA. WAY, BOTTOM
4.5B	4'-6" x 4'-6" x 18"	#4 @ 6"oc, EA. WAY, BOTTOM
4.5x7	4'-6" x 7'-0" x 32"	#4 @ 6"oc, EA. WAY, T&B
5A	5'-0" x 5'-0" x 32"	#4 @ 6"oc, EA. WAY, T&B
5x7	5'-0" x 7'-0" x 32"	#4 @ 6"oc, EA. WAY, T&B

NOTE:
1. EXTERIOR FOOTINGS OR FOOTING AT GRADE BEAM SHALL MATCH GRADE BEAM DEPTH AND BE PLACE WITH GRADE BEAM. PROVIDE SPECIFIED REBAR TOP AND BOTTOM WITH 4 STANDEES TO SUPPORT MATS.
2. CENTER FOOTINGS ON COLUMNS AND/OR WALL CENTER LINES PER PLAN, UNLESS OTHERWISE NOTED.
3. FOOTING REINFORCEMENT TO BE PLACED @ BOTTOM OF FOOTING U.N.O. IN SCHEDULE.

HOLDOWN SCHEDULE

A	SIMPSON HDU2-SDS2.5 ATTACHED TO 3 KING STUDS - PROVIDE ⅝"Ø x10"Lg SIMPSON TITEN HD SCREW ANCHOR
B	SIMPSON DTT2Z-SDS2.5 ATTACHED TO 2 KING STUDS SUPPORTING ROOF GIRDER TRUSS. ANCHOR TO SLAB WITH ½"Ø x6"Lg SIMPSON TITEN HD SCREW ANCHOR
C	SIMPSON HDU5-SDS2.5 ATTACHED TO 3 KING STUDS - PROVIDE ⅝"Ø x10"Lg SIMPSON TITEN HD SCREW ANCHOR
D	SIMPSON CS16, 66"Lg DOWN & AROUND WOOD BEAM RETURNING 16" UP EA SIDE OF WALL TO EACH KING STUD SUPPORTING THE ROOF GIRDER TRUSS ABOVE
E	SIMPSON CS16, 84"Lg DOWN & AROUND STEEL BEAM RETURNING 16" UP EA SIDE OF WALL TO EACH KING STUD SUPPORTING THE ROOF GIRDER TRUSS ABOVE
F	SIMPSON MTS20 STRAP EA FACE OF BEAM TO JAMB BELOW

NOTE:
1. REFER TO 3/S0.2 FOR TYPICAL HOLDOWN DETAIL

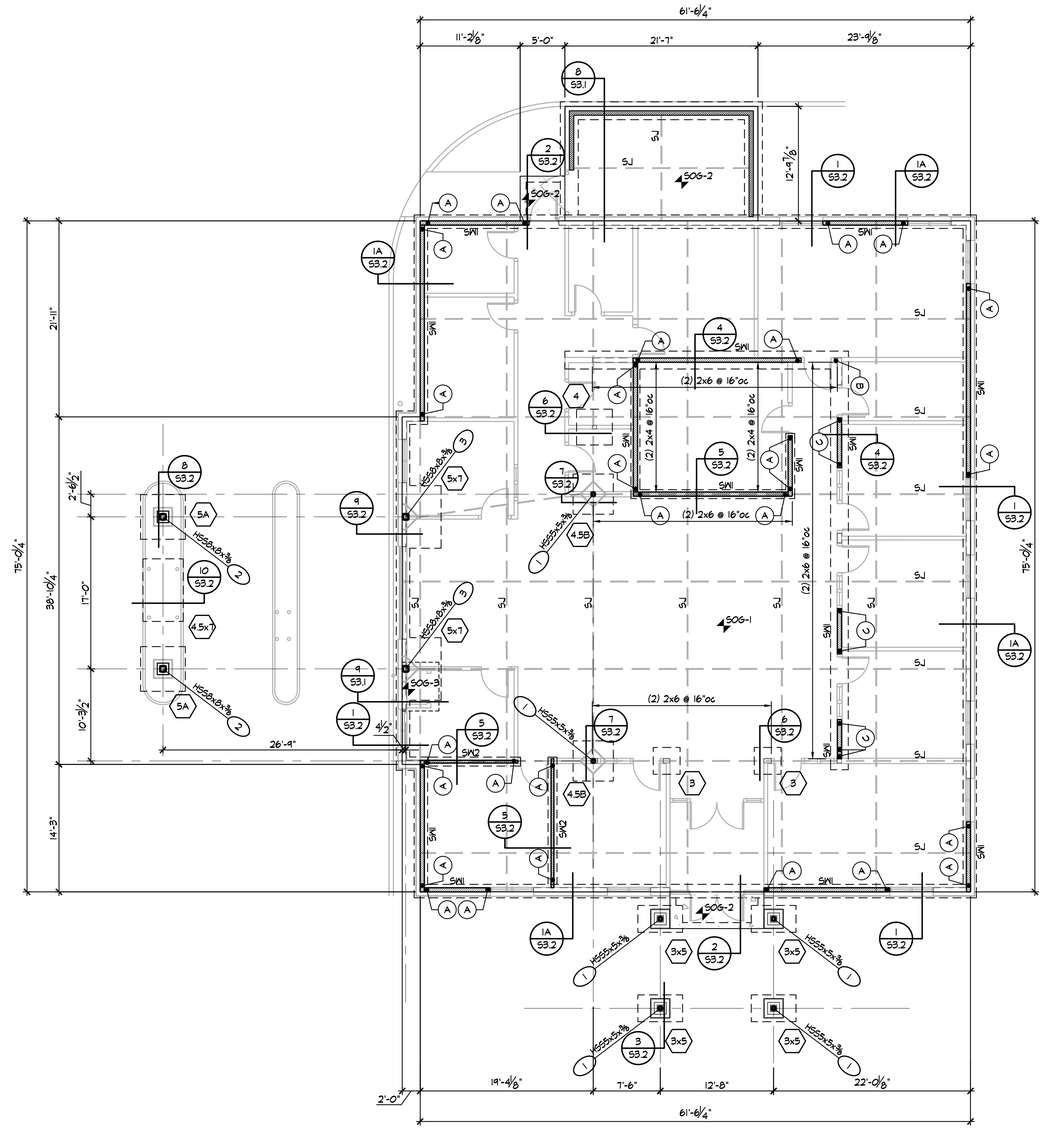
SHEARWALL SCHEDULE

SW1	7/16 OSB (ZIP SHEATHING) ONE SIDE ATTACHED w/ 8d NAILS @ 6"oc AT EDGES & @ 12"oc AT INTERMEDIATE FRAMING w/ EDGES BLOCKED
SW2	5/8" GYP SHEATHING ONE SIDE ATTACHED w/ 6d NAILS @ 4"oc AT EDGES & @ 4"oc AT INTERMEDIATE FRAMING w/ EDGES BLOCKED

NOTE:
1. PROVIDE SILL PLATE ANCHORS @ 32"oc PER 3/S3.1 FOR EXTENTS OF SHEAR WALLS WITH SIMPSON BPS 1/2-3 PLATE WASHER AT 2x4 WALLS & SIMPSON BPS 1/2-6 PLATE WASHER AT 2x6 WALLS

STUD WALL SCHEDULE

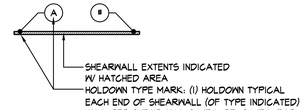
2x6 @ 16"oc AT EXTERIOR WALLS
2x4 @ 16"oc AT INTERIOR WALLS - TYPICAL
(2) 2x6 @ 16"oc UNDER CLERESTORY



NEW BANK FOUNDATION PLAN

⅛" = 1'-0"

NOTES:
1) REFER TO GENERAL NOTES ON SHEET S0.1
2) REFER TO STUD BEARING WALL SCHEDULE ON THIS SHEET
3) REFER TO SHEARWALL HOLDOWN LOCATIONS ON THIS SHEET.
4) ELEVATION 100'-0" EQUALS CIVIL DATUM ELEVATION
5) TOP OF FOOTING ELEVATION EQUALS 98'-4"
6) REFER TO S4.1 FOR TYPICAL FOUNDATION DETAILS NOT CUT ON PLAN
7) ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" OSB AND ATTACHED WITH 8d NAILS AT 6"oc AT EDGES AND AT 12"oc AT FIELD
8) SHEARWALLS/HOLDOWNS DESIGNATED AS FOLLOWS:



SHEARWALL EXTENTS INDICATED W/ HATCHED AREA
HOLDOWN TYPE MARK: (1) HOLDOWN TYPICAL EACH END OF SHEARWALL (OF TYPE INDICATED) U.N.O. PER SHEARWALL SCHED. RE: SCHED. FOR ADDITIONAL SPECIFIC REQUIREMENTS.

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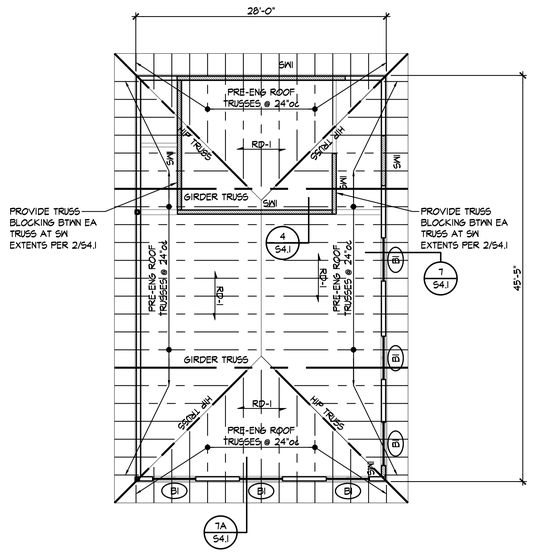
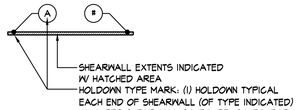


NEW BANK HIGH ROOF FRAMING PLAN

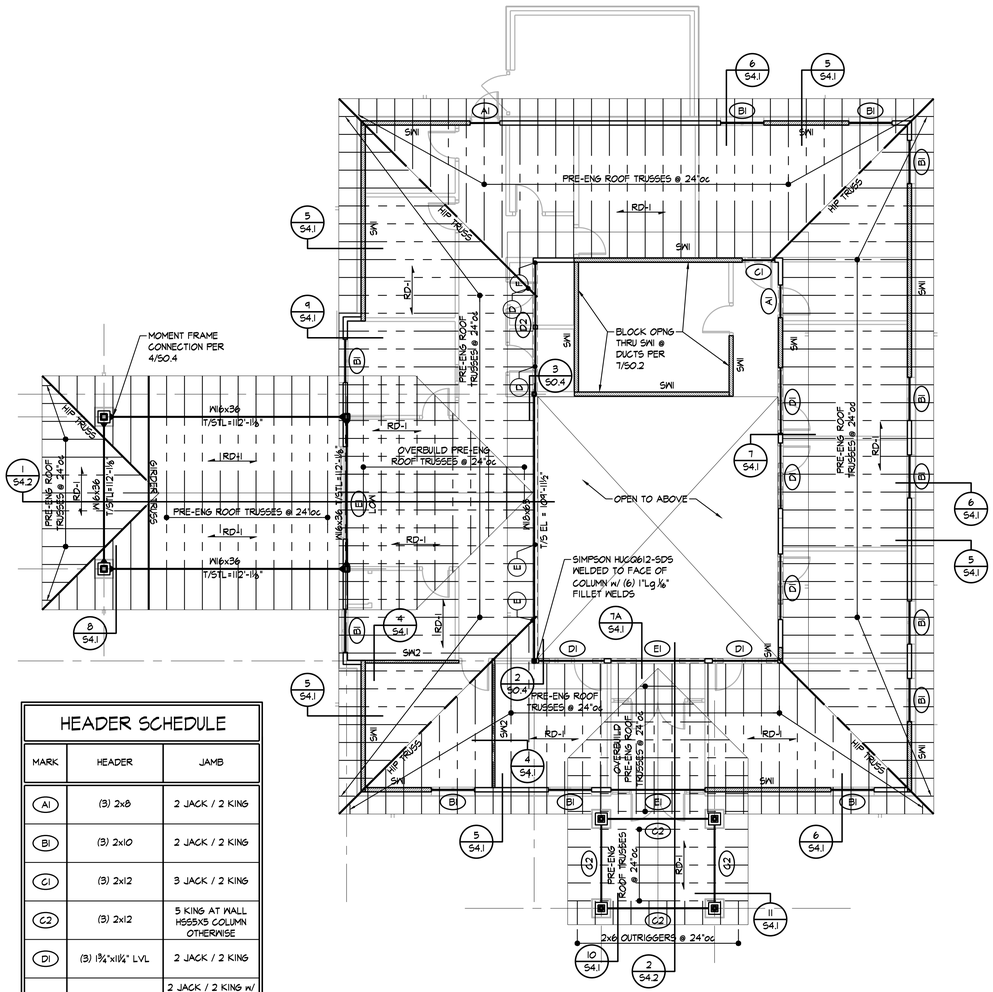
1/8" = 1'-0"

NOTE:
NOTES:

1) REFER TO GENERAL NOTES ON SHEET S0.1
2) REFER TO STUD BEARING WALL SCHEDULE ON SHEET S2.1.
3) REFER TO HEADER/BEAM SCHEDULE ON THIS SHEET
4) REFER TO SHEARWALL HOLDOWN LOCATIONS ON S2.1
5) GIRDER TRUSS SHALL BE 2-PLY MINIMUM. PROVIDE (3) KING STUDS ALIGNED UNDER EACH END OF GIRDER TRUSS WITH A SIMPSON LGT-STYLE HOLDOWN FROM THE GIRDER TRUSS TO THE KING STUDS.
6) PROVIDE SIMPSON MTS16 STRAP AT EACH HIP TRUSS TO EXTERIOR WALL.
7) ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" OSB AND ATTACHED WITH 8d NAILS AT 6"oc AT EDGES AND AT 12"oc AT FIELD
8) SHEARWALLS/HOLDOWNS DESIGNATED AS FOLLOWS:



SHEARWALL EXTENTS INDICATED W/ HATCHED AREA
HOLDOWN TYPE MARK: (1) HOLDOWN TYPICAL EACH END OF SHEARWALL (OF TYPE INDICATED) U.N.O. PER SHEARWALL SCHED. RE: SCHED. FOR ADDITIONAL SPECIFIC REQUIREMENTS.



HEADER SCHEDULE

MARK	HEADER	JAMB
A1	(3) 2x8	2 JACK / 2 KING
B1	(3) 2x10	2 JACK / 2 KING
C1	(3) 2x12	3 JACK / 2 KING
C2	(3) 2x12	5 KING AT WALL HSS5X5 COLUMN OTHERWISE
D1	(3) 1¾"x11⅞" LVL	2 JACK / 2 KING
D2	(3) 1¾"x11⅞" LVL CONT.	2 JACK / 2 KING w/ (6) 2x4 (CTR UNDER BEAM @ WALL BTWN BATHROOMS)
E1	(3) 1¾"x14" LVL	2 JACK / 2 KING

HOLDOWN SCHEDULE

A	SIMPSON DTT2Z-SDS2.5 ATTACHED TO 4 KING STUDS SUPPORTING ROOF GIRDER TRUSS. ANCHOR TO SLAB WITH ½"6x6"Lg SIMPSON TITEN HD SCREW ANCHOR
B	SIMPSON HDU2Z-SDS2.5 ATTACHED TO 2 KING STUDS WITH ⅝"9x10"Lg SIMPSON TITEN HD SCREW ANCHOR
C	SIMPSON STHD14 HOLDOWN AT GARAGE PORTAL PER 6/S4.2

NEW BANK ROOF FRAMING PLAN

1/8" = 1'-0"

NOTES:

1) REFER TO GENERAL NOTES ON SHEET S0.1
2) REFER TO STUD BEARING WALL SCHEDULE ON SHEET S2.1.
3) REFER TO HEADER/BEAM SCHEDULE ON THIS SHEET
4) REFER TO SHEARWALL HOLDOWN LOCATIONS ON S2.1
5) GIRDER TRUSS SHALL BE 2-PLY MINIMUM. PROVIDE (3) KING STUDS ALIGNED UNDER EACH END OF GIRDER TRUSS WITH A SIMPSON LGT-STYLE HOLDOWN FROM THE GIRDER TRUSS TO THE KING STUDS.
6) PROVIDE SIMPSON MTS16 STRAP AT EACH HIP TRUSS TO EXTERIOR WALL.
7) ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" OSB AND ATTACHED WITH 8d NAILS AT 6"oc AT EDGES AND AT 12"oc AT FIELD
8) GIRDER TRUSS SHALL BEAR ATOP WALL OR STEEL BEAM. DO NOT HANGER.

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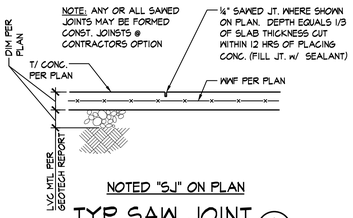
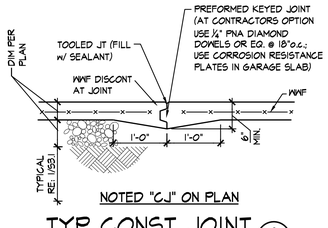


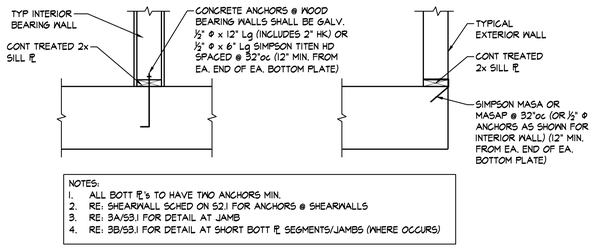
NOTED "SJ" ON PLAN

TYP SAW JOINT (1) 53.1
¾" = 1'-0"



NOTED "CJ" ON PLAN

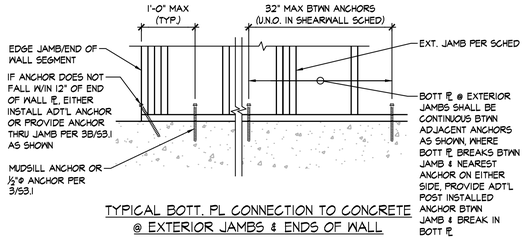
TYP CONST JOINT (2) 53.1
¾" = 1'-0"



NOTES:
1. ALL BOTT PL'S TO HAVE TWO ANCHORS MIN.
2. RE: SHEARWALL SCHED ON S2.1 FOR ANCHORS @ SHEARWALLS
3. RE: 3A/S3.1 FOR DETAIL AT JAMB
4. RE: 3B/S3.1 FOR DETAIL AT SHORT BOTT PL SEGMENTS/JAMBS (WHERE OCCURS)

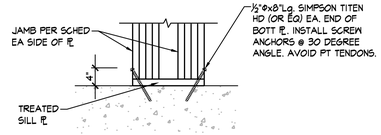
TYPICAL BOTT. PL CONNECTION TO CONCRETE

SECTION (3) 53.1
¾" = 1'-0"



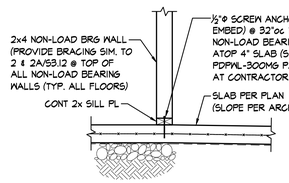
TYPICAL BOTT. PL CONNECTION TO CONCRETE @ EXTERIOR JAMBS & ENDS OF WALL

SECTION (3A) 53.1
¾" = 1'-0"



TYPICAL BOTT. PL CONNECTION TO CONCRETE @ SHORT PL SEGMENTS & JAMBS

SECTION (3B) 53.1
¾" = 1'-0"



SECTION (4) 53.1
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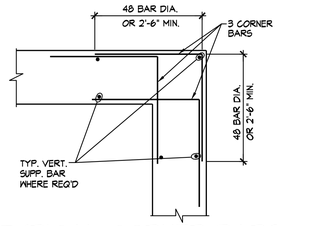
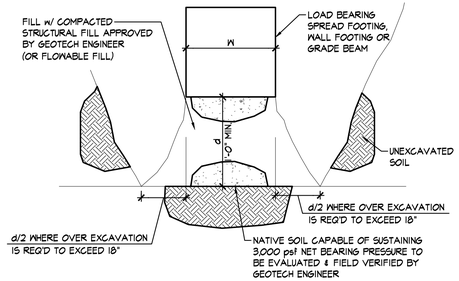
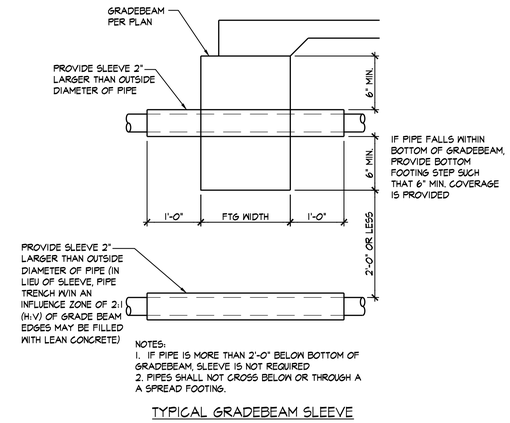


TYPICAL CORNER BARS (5) 53.1
¾" = 1'-0"



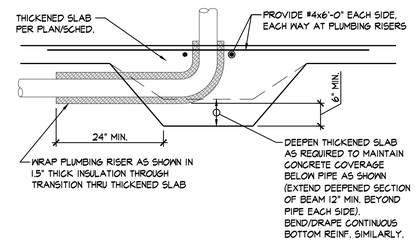
OVEREXCAVATION DETAIL (6) 53.1
¾" = 1'-0"



NOTES:
1. IF PIPE IS MORE THAN 2'-0" BELOW BOTTOM OF GRADEBEAM, SLEEVE IS NOT REQUIRED
2. PIPES SHALL NOT CROSS BELOW OR THROUGH A A SPREAD FOOTING.

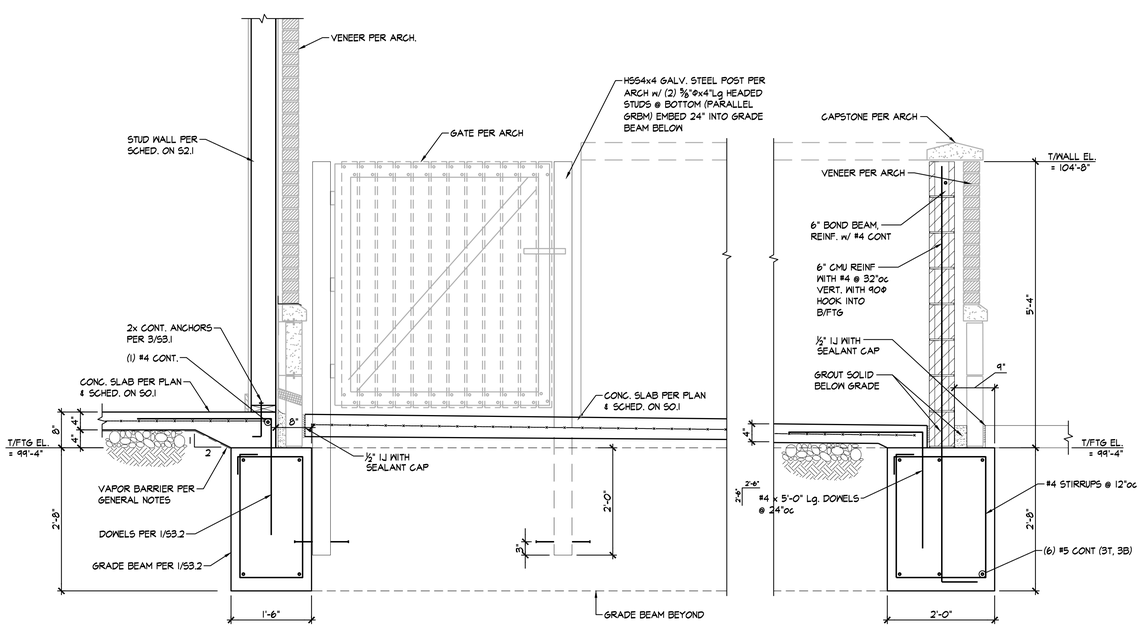
TYPICAL GRADEBEAM SLEEVE

SECTION (7) 53.1
¾" = 1'-0"

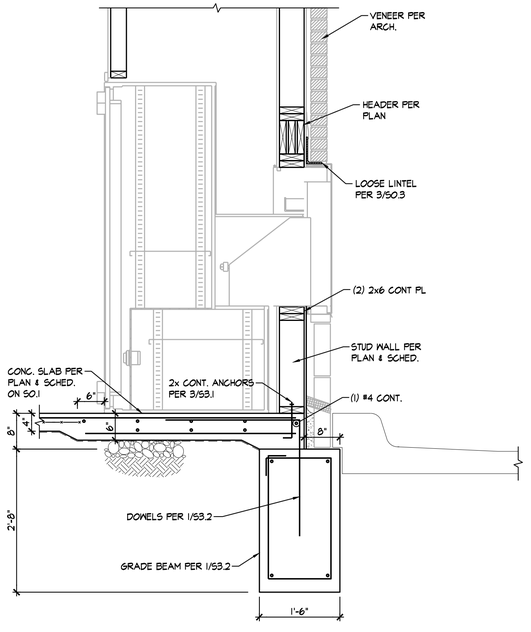


TYPICAL PLUMBING RISER THRU THICKENED SLAB

SECTION (7A) 53.1
¾" = 1'-0"



SECTION (8) 53.1
¾" = 1'-0"



SECTION (9) 53.1
¾" = 1'-0"

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CHRISTOPHER A. BEERS LICENSED PROFESSIONAL ENGINEER 23831 8.28.25 KANSAS

REVISION:

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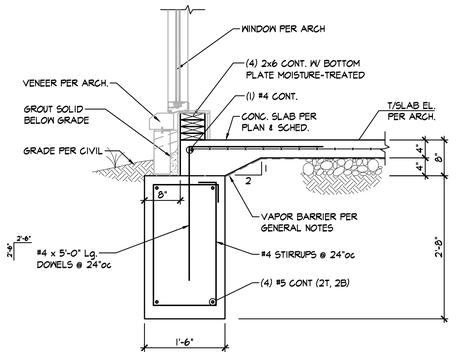
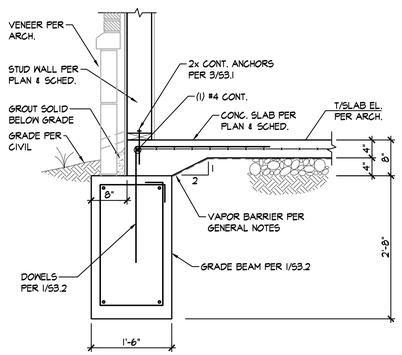
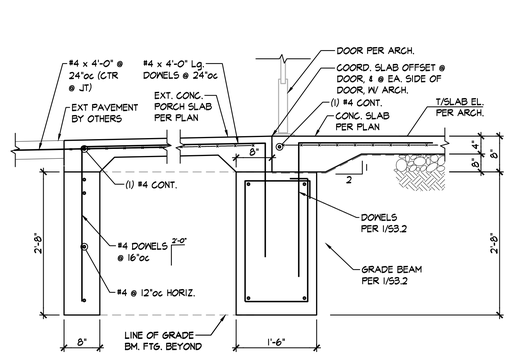


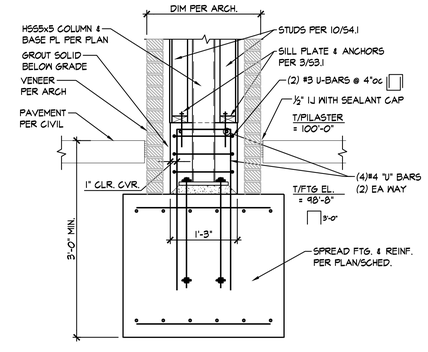
SECTION 1 / S3.2
3/4" = 1'-0"



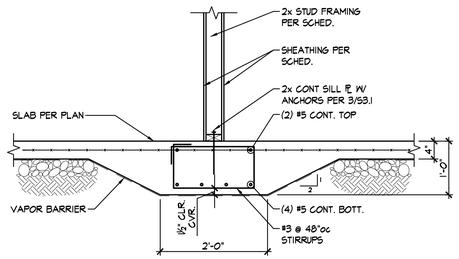
SECTION 1A / S3.2
3/4" = 1'-0"



SECTION 2 / S3.2
3/4" = 1'-0"

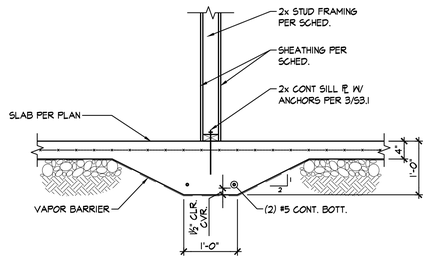


SECTION 3 / S3.2
3/4" = 1'-0"

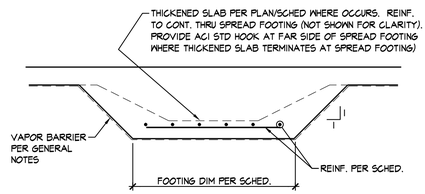


INTERIOR BRG. WALL FTG @ SINGLE WALLS

SECTION 4 / S3.2
3/4" = 1'-0"

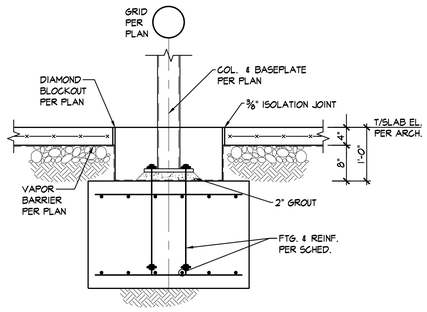


SECTION 5 / S3.2
3/4" = 1'-0"



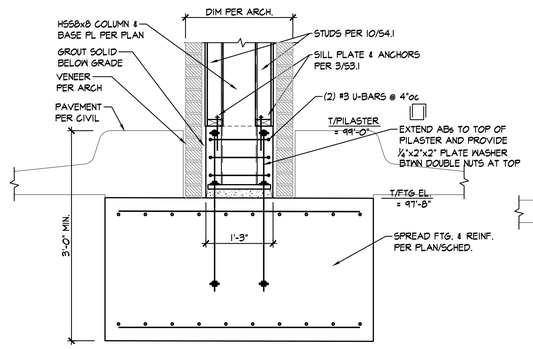
TYPICAL INTERIOR SPREAD FOOTING

SECTION 6 / S3.2
3/4" = 1'-0"

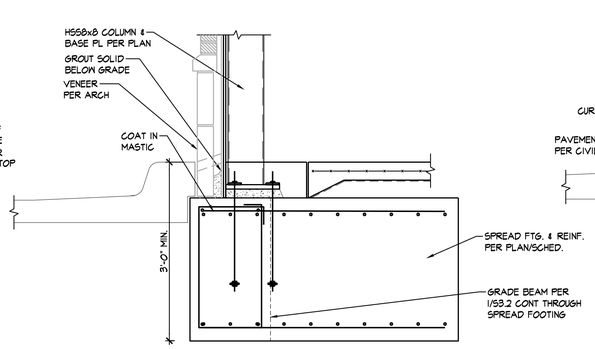


TYPICAL INTERIOR SPREAD FOOTING AT STEEL COLUMN

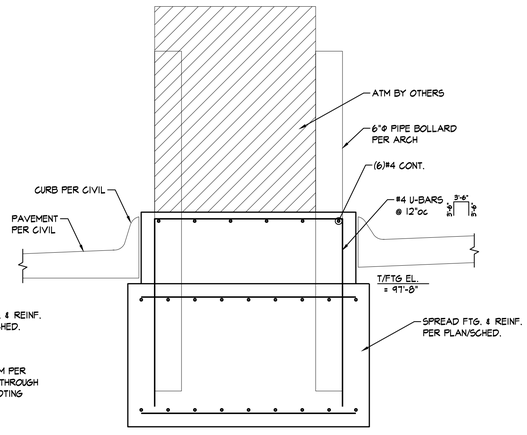
SECTION 7 / S3.2
3/4" = 1'-0"



SECTION 8 / S3.2
3/4" = 1'-0"



SECTION 9 / S3.2
3/4" = 1'-0"



SECTION 10 / S3.2
3/4" = 1'-0"

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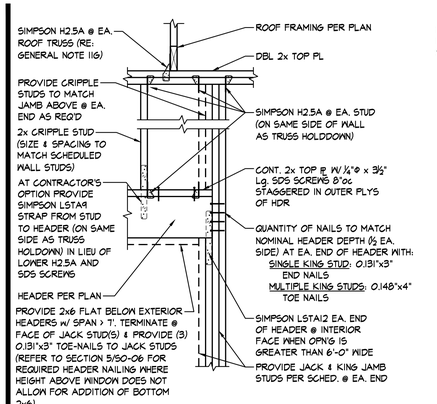
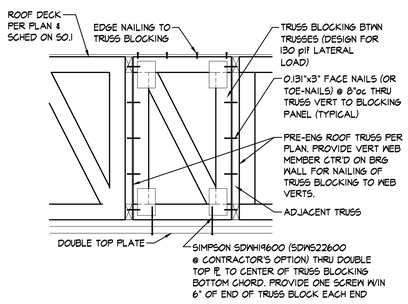


TYPICAL HEADER DETAIL @ ROOF TRUSS BRG LOCATIONS

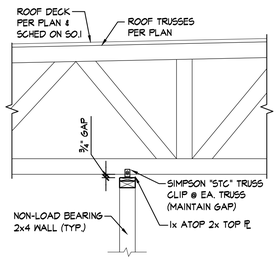
SECTION 1 S4.1 — ¾"=1'-0"



NOTES:
1. PROVIDE TRUSS BLOCKING @ ROOF LEVEL ATOP ALL SHEARWALLS WHEN A CONTINUOUS SHEAR/GIRDER TRUSS IS NOT USED.
2. TRUSS BLOCK: MAY CONSIST OF A FRAMED WOOD STRUCTURAL PANEL OR PREFAB TRUSS BLOCK.
3. TRUSS MANUFACTURER TO DESIGN PREFAB TRUSS BLOCK.

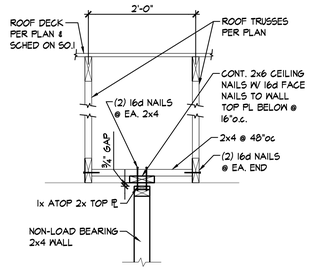
TYPICAL ROOF TRUSS BLOCKING AT SHEARWALLS

SECTION 2 S4.1 — ¾" = 1'-0"



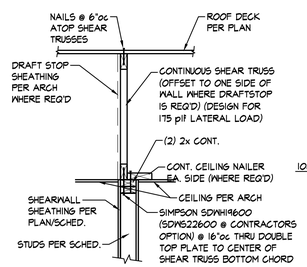
TYPICAL NON-LOAD BEARING WALL/TRUSS @ ROOF

SECTION 3 S4.1 — ¾"=1'-0"



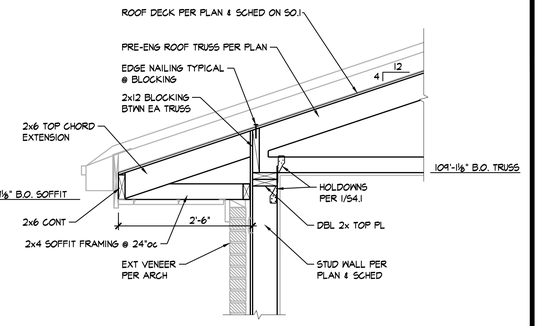
TYPICAL NON-LOAD BEARING WALL/TRUSS @ ROOF

SECTION 3A S4.1 — ¾"=1'-0"

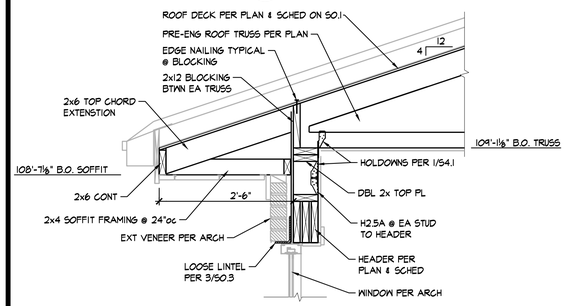


TYPICAL LATERAL TRUSS ATOP PARALLEL SHEARWALL

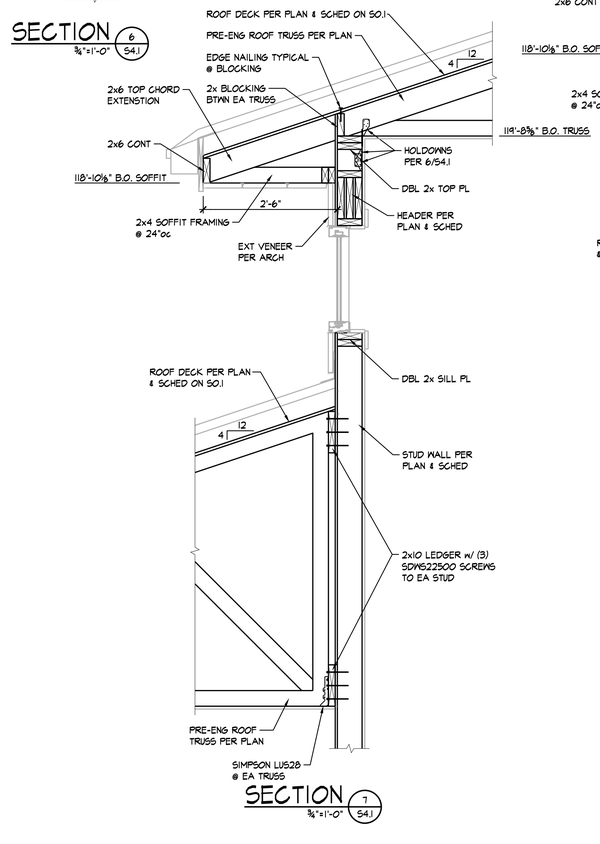
SECTION 4 S4.1 — ¾" = 1'-0"



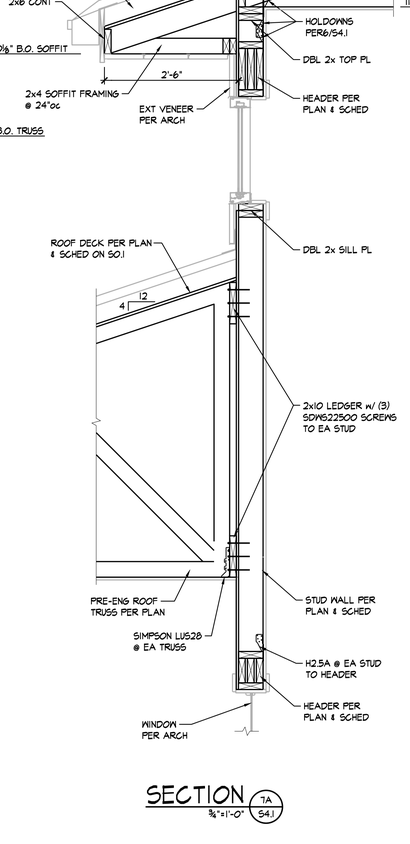
SECTION 5 S4.1 — ¾"=1'-0"



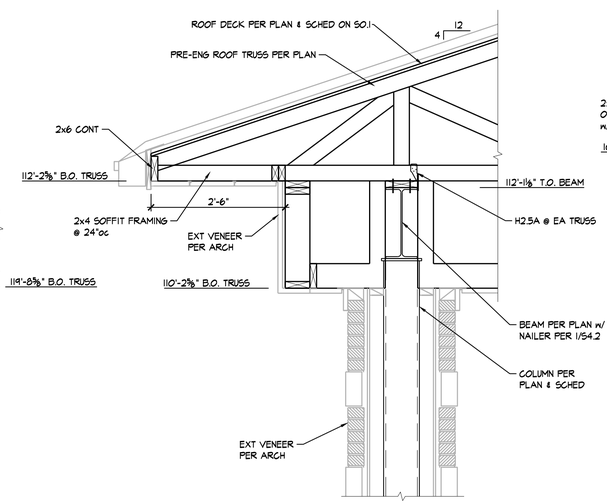
SECTION 6 S4.1 — ¾"=1'-0"



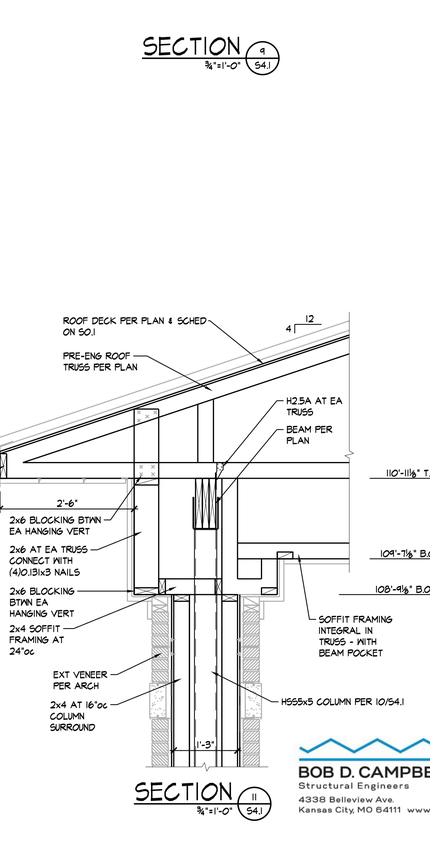
SECTION 7 S4.1 — ¾"=1'-0"



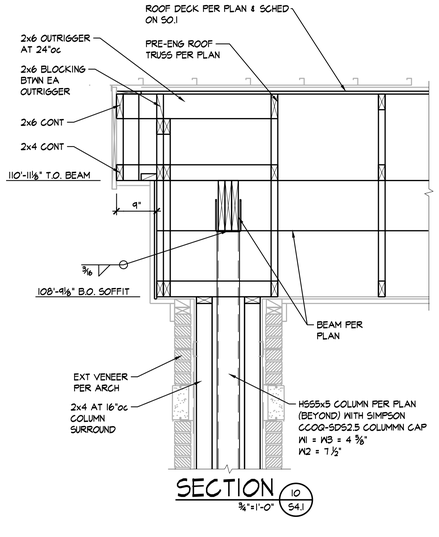
SECTION 7A S4.1 — ¾"=1'-0"



SECTION 8 S4.1 — ¾"=1'-0"



SECTION 9 S4.1 — ¾"=1'-0"



SECTION 10 S4.1 — ¾"=1'-0"

SECTION 11 S4.1 — ¾"=1'-0"

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REVISION:

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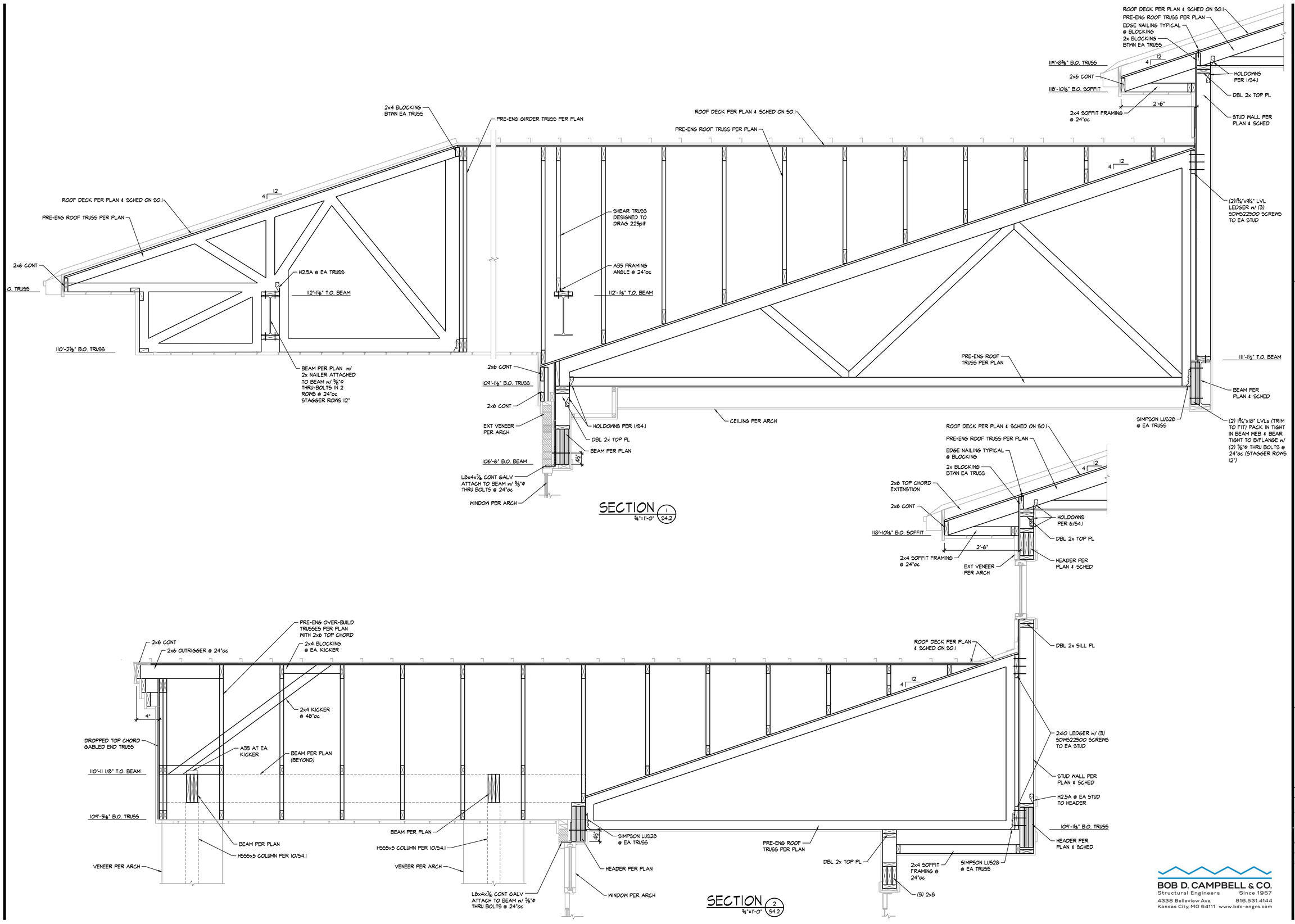

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MECHANICAL SYMBOLS

- D — CONDENSATE DRAIN
- RL — REFRIGERANT LIQUID
- RS — REFRIGERANT SUCTION
- RECTANGULAR SUPPLY DUCT UP
- RECTANGULAR SUPPLY DUCT DOWN
- ROUND DUCT UP
- ROUND DUCT DOWN
- RECTANGULAR RETURN DUCT UP
- RECTANGULAR RETURN DUCT DOWN
- SQUARE SUPPLY DIFFUSER
- SQUARE RETURN DIFFUSER
- FLEXIBLE DUCTWORK - MAX 5'
- RIGID DUCTWORK
- MANUAL BALANCING DAMPER
- THERMOSTAT (DASHED LINE=GUARD)
- CONTROL CABLE, VERIFY TYPE WITH EQUIP. MFG.
- 90° ELBOW WITH TURNING VANES
- GRILLE/DIFFUSER TAG
  - TOP: DEVICE TAG (SEE SCHEDULE)
  - MIDDLE: NECK SIZE
  - BOTTOM: AIRFLOW
- SANITARY DRAIN BELOW GRADE
- SANITARY DRAIN ABOVE GRADE
- SANITARY VENT
- DOMESTIC COLD WATER
- DOMESTIC HOT WATER
- DOMESTIC HOT WATER RECIRC
- W — WATER SERVICE
- G — NATURAL GAS
- SHORT RADIUS 90° ELBOW
- LONG RADIUS 90° ELBOW
- PIPE TURNED UP
- PIPE TURNED DOWN
- TEE UP
- TEE DOWN
- SHORT RADIUS 45° ELBOW
- TEE
- CO — CLEANOUT
- PIPE REDUCER
- BALL VALVE
- STRAINER
- PRESSURE REDUCING VALVE
- CHECK VALVE
- TEMPERATURE AND PRESSURE RELIEF VALVE
- WALL HYDRANT
- BACK FLOW PREVENTER

ELECTRICAL SYMBOLS

- CIRCUIT DESIGNATION:
  - TOP INDICATES PANEL OF CIRCUIT ORIGIN
  - BOTTOM INDICATES CIRCUIT NUMBER
- HOMERUN - WIRING TO PANEL OF CIRCUIT ORIGIN
- PARTIAL HOMERUN - WIRING TO PANEL OF CIRCUIT ORIGIN
- CONDUIT CONCEALED IN WALL OR ABOVE CEILING
- CONDUIT BELOW GRADE OR EMBEDDED IN CONCRETE
- CONDUIT EXPOSED OVERHEAD
- LINE VOLTAGE CIRCUIT CONDUCTORS
  - SHORT = HOT/TRACER/SWITCH LEG CONDUCTOR
  - LONG = NEUTRAL (GROUNDED) CONDUCTOR
  - CURVED = GROUNDING (BONDING) CONDUCTOR
- CONDUIT STUB OUT WITH NYLON END BUSHING
- CONDUIT TURNED UP
- CONDUIT TURNED DOWN
- EMT CONDUIT SLEEVE WITH NYLON END BUSHINGS
- GROUNDING CONNECTION
- 2x4 LAY-IN FIXTURE
- 1X4 LAY-IN FIXTURE
- SURFACE MOUNTED LINEAR LUMINAIRE
- STRIP LIGHT
- RECESSED DOWNLIGHT
- WALL MOUNTED LUMINAIRE
- SINGLE FACE EXIT SIGN - WALL AND CEILING MOUNTED WITH DIRECTIONAL ARROWS AS INDICATED ON PLANS
- DOUBLE FACE EXIT SIGN - WALL AND CEILING MOUNTED WITH DIRECTIONAL ARROWS AS INDICATED ON PLANS
- EMERGENCY LIGHTING UNIT
- COMBO EXIT/EMERGENCY LIGHTING UNIT
- COMBO EXIT/EMERGENCY LIGHTING UNIT WITH REMOTE LIGHT HEAD
- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- SPECIAL RECEPTACLE
  - # = NEMA CONFIGURATION
- FLUSH FLOOR DUPLEX RECEPTACLE
- FLUSH FLOOR MULTI-SERVICE OUTLET
- SINGLE POLE WALL SWITCH
- S_2 — TWO POLE WALL SWITCH
- S_3 — THREE WAY WALL SWITCH
- S_m — MOTOR HP RATED SWITCH WITHOUT OVERLOAD PROTECTION
- S_D — 0-10V LED DIMMER SWITCH
- LOW VOLTAGE OCCUPANCY SENSOR
- PP — POWER PACK FOR LOW VOLTAGE OCCUPANCY SENSORS
- TC — TIMECLOCK
- P — EXTERIOR PHOTOCELL
- C — CONTACTOR
- R — POWER RELAY
- PUSH BUTTON OPERATOR
- JUNCTION BOX
- MOTOR
- DISCONNECT SWITCH
- BRANCH CIRCUIT PANELBOARD
- DATA OUTLET ROUGH-IN ONLY
- PHONE/DATA OUTLET ROUGH-IN ONLY
- FLUSH FLOOR DATA OUTLET ROUGH-IN ONLY
- FLUSH FLOOR DUPLEX PHONE/DATA ROUGH-IN ONLY
- SINGLE HEAD POLE MOUNTED AREA LIGHT
- NEW PAD MOUNTED TRANSFORMER
- NEW POLE MOUNTED TRANSFORMER, NUMBER INDICATES KVA RATING.
- E OH — NEW ARIAL PRIMARY
- E UG — NEW UNDERGROUND PRIMARY
- E — NEW UNDERGROUND SECONDARY

SYMBOL MODIFYING DESIGNATORS

CLG	CEILING MOUNTED • FLUSH MOUNTED IN SUSPENDED CEILINGS • SURFACE MOUNTED TO STRUCTURE ABOVE IN OPEN CEILINGS
CT	MOUNT BOTTOM OF DEVICE AT 6" ABOVE COUNTERTOP
T	TAMPER RESISTANT RECEPTACLE
GFI	GROUND FAULT CIRCUIT INTERRUPTING DEVICE
NL	NIGHTLIGHT WIRED TO UNSWITCHED HOT CONDUCTOR
WP	PROVIDE WEATHERPROOF ENCLOSURE FOR DEVICE
XX"	MOUNTING HEIGHT OF DEVICE ABOVE FINISHED FLOOR

MECHANICAL AND ELECTRICAL ABBREVIATIONS

A

ABOVE FINISH FLOOR	AFF
ABOVE FINISH GRADE	AFG
ACRYLONITRILE BUTADIENE STYRENE PIPE	ABS
AIR CONDITIONING	A/C
AIR HANDLING UNIT	AHU
ALTERNATING CURRENT	AC
ALUMINUM	AL
AMERICAN NATIONAL STANDARDS INSTITUTE	ANSI
AMERICAN SOCIETY OF MECHANICAL ENGINEERS	ASME
AMERICAN WIRE GAUGE	AWG
AMERICANS WITH DISABILITIES ACT	ADA
AMPERE	AMP or A
AMPERE INTERRUPTING CAPACITY	AIC
ANALOG INPUT	AI
ANALOG OUTPUT	AO
ARC FAULT CIRCUIT INTERRUPTER	AFCI
ARCHITECT or ARCHITECTURAL	ARCH
AUDIO/VIDEO	AV
AUTHORITY HAVING JURISDICTION	AHJ
AUTOMATIC TRANSFER SWITCH	ATS
AVAILABLE FAULT CURRENT	AFC

B

BELOW CEILING	BC
BELOW GRADE	BG
BINARY INPUT	BI
BINARY OUTPUT	BO
BOOT WASH	BW
BRITISH THERMAL UNIT	BTU
BTUs PER HOUR	BTUH
BUILDING	BLDG

C

CABLE TELEVISION	CATV
CANDELA	CD
CAPACITY	CAP
CATEGORY	CAT
CEILING MOUNT	CLG
CELSIUS	C
CHILLED WATER	CHW
CHILLED WATER RETURN	CHWR
CHILLED WATER SUPPLY	CHWS
CIRCUIT	CCT
CIRCUIT BREAKER	CB
CLEANOUT	CO
CLOSED CIRCUIT TELEVISION	CCTV
CLOTHES WASHER CONNECTION BOX	CCB
COLD WATER (DOMESTIC)	CW
COMMON	C
COMMUNITY ANTENNAE TELEVISION	CATV
CONCRETE	CONC
CONDENSING UNIT	CU
CONDUIT	C
CONDUIT ONLY (WITH PULL STRING)	CO
COPPER	CU
COUNTER TOP	CT
CROSS-LINKED POLYETHYLENE PIPE	PEX
CUBIC FEET PER MINUTE	CFM
CUBIC YARD	CU YD
CURRENT TRANSFORMER	CT

D

DECIBEL (AUDIO)	dBA
DEPTH or DEEP	D
DIAMETER	DIA
DIRECT CURRENT	DC
DIRECT DIGITAL CONTROL	DDC
DIRECT EXPANSION	DX
DISCONNECT SWITCH	DS
DISH WASHER	DW
DRINKING FOUNTAIN	DF
DRY BULB	DB

E

ELECTRIC or ELECTRICAL	E or ELEC
ELECTRIC WATER COOLER	EWC
ELECTRIC HEATER	EH
ELECTRICAL CONTRACTOR	EC
ELECTRICAL METALLIC TUBING	EMT
EMERGENCY	EM
EMERGENCY POWER OFF	EPO
ENTERING AIR TEMPERATURE	EAT
ENTERING WATER TEMPERATURE	EWT
EQUIPMENT	EQUIP
EXHAUST	EXH
EXHAUST AIR	EA
EXHAUST FAN	EF
EXHAUST GRILLE	EG
EXISTING	EXIST
EXISTING TO REMAIN	ETR
EXTERNAL STATIC PRESSURE	ESP

F

FAHRENHEIT	F
FAN COIL UNIT	FCU
FEET	FT
FEET PER MINUTE	FPM
FIBER OPTIC CABEL	FOC
FINISH FLOOR CLEAN OUT	FFCO
FINISH GRADE	FG
FINISH GRADE CLEAN OUT	FGCO
FIRE ALARM	FA
FLEXIBLE METALLIC CONDUIT	FMC
FLOOR DRAIN	FD
FLOOR SINK	FS
FULL LOAD AMPERES	FLA

G

GALLON	GAL
GALLONS PER FLUSH	GPF
GALLONS PER HOUR	GPH
GALLONS PER MINUTE	GPM
GALVANIZED RIGID METAL CONDUIT	GRMC
GAS	G
GAUGE	GA
GENERAL CONTRACTOR	GC
GENERATOR REMOTE ANNUNCIATOR	GRA
GLOBAL POSITIONING SYSTEM	GPS
GOVERNMENT FURNISHED/CONTRACTOR INSTALLED	GFCI
GOVERNMENT FURNISHED/GOVERNMENT INSTALLED	GFGI
GROUND FAULT CIRCUIT INTERRUPTER	GFI
GROUND FAULT PROTECTION FOR EQUIPMENT	GFPE
GROUNDING ELECTRODE CONDUCTOR	GEC
GROUNDING (BONDING) CONDUCTOR	G

H

HANDHOLE	HH
HAND-OFF-AUTOMATIC SWITCH	HOA
HEATING	HTG
HEATING WATER RETURN	HR
HEATING WATER SUPPLY	HS
HIGH DENSITY POLYETHYLENE CONDUIT	HDPE
HORSEPOWER	HP
HOT GAS RE-HEAT	HGRH
HOT WATER (DOMESTIC)	HW
HOT WATER HEATER	HWH
HOT WATER PUMP	HWP
HOT WATER RECIRC. (DOMESTIC)	HWR
HOUR	HR

I

ISOLATED (INSULATED) GROUND	IG

K

KELVIN	K
KILOVOLT	KV
KILOVOLT-AMPERES	KVA
KILOVOLT-AMPERES REACTIVE	KVAR
KILOWATT	KW

L

LAUNDRY TUB	LT
LAVATORY	LAV
LEAVING AIR TEMPERATURE	LAT
LEAVING WATER TEMPERATURE	LWT
LIGHTING	LTG
LIQUIDTIGHT FLEXIBLE METAL CONDUIT	LFMC
LOCKED ROTOR AMPERES	LRA

M

MAIN CIRCUIT BREAKER	MCB
MAIN LUG ONLY	MLO
MANHOLE	MH
MANUFACTURER	MANUF
MAXIMUM	MAX
MAXIMUM OVERCURRENT PROTECTION	MOCP
MECHANICAL CONTRACTOR	MC
MINIMUM	MIN
MINIMUM CIRCUIT AMPACITY	MCA
MOTOR CONTROL CENTER	MCC
MOTOR STARTER (NEMA RATED)	MS
MOUNTED	MTD
MULTIMODE	MM

N

NATIONAL ELECTRICAL CODE (NFPA 70)	NEC
NATIONAL ELECTRICAL MANUFACTURER'S ASSOC.	NEMA
NATIONAL FIRE PROTECTION ASSOCIATION	NFPA
NATIONALLY RECOGNIZED TESTING LABORATORY	NRTL
NATURAL GAS	G or NAT GAS
NEUTRAL (GROUNDED) CONDUCTOR	N
NIGHT LIGHT	NL
NOMINAL	NOM
NON FUSED	NF
NORMALLY CLOSED	NC
NORMALLY OPEN	NO
NORTH	N
NOT APPLICABLE	N/A
NOT TO SCALE	NTS

O

ON CENTER	O.C.
OUTDOOR AIR	OA
OUTSIDE DIAMETER	OD
OUTSIDE PLANT CABLE	OSP
OVERHEAD	OH

P

PASSIVE INFRARED	PIR
PHASE	PH OR Ø
POLE	P
POLYVINYL CHLORIDE	PVC
POLYVINYL CHLORIDE CONDUIT	PVC
POTENTIAL TRANSFORMER	PT
POUNDS	LBS
POUNDS PER SQUARE INCH	PSI
PRESSURE REDUCING VALVE	PRV
PULL BOX	PB

Q

QUANTITY	QTY

R

RECEPTACLE	RCPT
REMOTE TEST STATION	RTS
REQUIRED	REQ'D
RETURN AIR	RA
RETURN GRILLE	RG
REVOLUTIONS PER MINUTE	RPM
RIGID METAL CONDUIT	RMC
ROOF TOP UNIT	RTU

S

SENSIBLE	SENS
SERVICE ENTRANCE SWITCHBOARD	SES
SERVICE SINK	SS
SHORT CIRCUIT CURRENT	SCC
SHORT CIRCUIT CURRENT RATING	SCCR
SHOWER	SH
SHUNT TRIP	ST
SINGLE MODE	SM
SINGLE POLE, DOUBLE THROW	SPDT
SPECIFICATIONS	SPEC
SQUARE FEET	SQ FT or SF
STRAND	ST
SUPPLY AIR	SA
SUPPLY DIFFUSER	SD
SURGE PROTECTION DEVICE	SPD
SWITCH	SW
SYMMETRICAL	SYM

T

TAMPERPROOF ENCLOSURE	TP
TELECOMMUNICATIONS GROUNDING BUSBAR	TGB
TELECOMMUNICATIONS ROOM	TR
TELEPHONE	T
TELEVISION	TV
TEMPERATURE (CHANGE IN)	TEMP (ΔT)
TEMPERATURE/PRESSURE	T/P
TEMPERATURE CONTROL CONTRACTOR	TC
THOUSAND BTUs PER HOUR	MBH
THOUSAND CIRCULAR MILLS	kcmil
TOTAL	TOT
TRANSFORMER	XFMR
TRANSIENT VOLTAGE SURGE SUPPRESSION	TVSS
TYPICAL	TYP

U

UNDERGROUND	UG
UNDERWRITERS LABRATORIES	UL
UNINTERRUPTIBLE POWER SUPPLY	UPS
UNLESS NOTED OTHERWISE	UNO
UNSHIELDED TWISTED PAIR	UTP

V

VARIABLE FREQUENCY DRIVE	VFD
VENT BELOW SLAB	VBS
VENT THROUGH ROOF	VTR
VENTILATION FAN	VF
VOLT(S)	V
VOLT-AMPERES	VA
VOLTS ALTERNATING CURRENT	VAC
VOLTS DIRECT CURRENT	VDC

W

WALL HYDRANT	WH
WASH TUB	WT
WATER CLOSET	WC
WATER COLUMN (in inches)	"WC
WATER SERVICE	W
WATT(S)	W
WEATHERPROOF ENCLOSURE	WP
WET BULB	WB
WIRE WAY	WW
WITH	W/

GENERAL SYMBOLS

- DETAIL REFERENCE
- #/## — DETAIL NUMBER / SHEET NUMBER
- ELEVATION REFERENCE
- #/## — DETAIL NUMBER / SHEET NUMBER
- SECTION CUT
- #/## — DETAIL NUMBER / SHEET NUMBER
- # — KEYED PLAN NOTE
- # — REVISION NOTE
- ELEVATION
- CONNECT TO EXISTING. FIELD VERIFY LOCATION & MATERIAL OF EXISTING

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ASTRA BANK - NEW FACILITY
DODGE CITY, KANSAS

CRAIG TREVOR OTTO — 13396 — 08-28-2025 — PROFESSIONAL ENGINEER — KANSAS

REVISION:

DATE: 08-28-2025
JOB: 25-3515
SHEET NO.:

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(#) PLUMBING PLANS NOTES BY SYMBOL

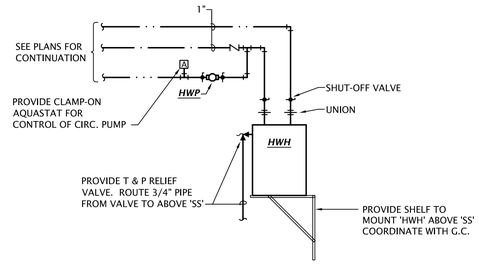
1. PROVIDE SHUT-OFF VALVE AND PRESSURE REDUCING VALVE SET TO 80 PSI IF REQUIRED IN WATER SERVICE RISER. COORDINATE EXACT REQUIREMENTS WITH CITY OF DODGE CITY.
2. PROVIDE SHUT-OFF VALVE FOR WALL HYDRANT ABOVE ACCESSIBLE CEILING.
3. SEE CIVIL DRAWINGS FOR CONTINUATION.
4. GAS SERVICE, METER AND REGULATOR BY UTILITY PROVIDER. TOTAL CONNECTED LOAD = 260 CFH @ 7" W.C. COORDINATE REQUIREMENTS AND INSTALLATION WITH UTILITY PROVIDER AND PAY ALL ASSOCIATED FEES.
5. CONNECT TO DISCHARGE OF GAS METER AND REGULATOR AND PENETRATE EXTERIOR WALL 18" A.F.G.
6. CONNECT 3/4" GAS TO FURNACE. PROVIDE GAS COCK, UNION, AND DIRT LEG.
7. CONNECT 1" GAS TO FURNACE. PROVIDE GAS COCK, UNION, AND DIRT LEG.
8. ROUTE 1/2" CW DOWN TO CABINET AND PROVIDE VALVED BRANCH WITH BACKFLOW PREVENTER CONFORMING TO ASSE 1022 AND IN CABINET AND CONNECT COFFEE MAKER PROVIDED BY OTHERS. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS. COORDINATE EXACT ROUGH-IN LOCATION WITH ARCHITECT.
9. SEE WATER HEATER INSTALLATION DETAIL THIS SHEET.
10. VTR AND ALL ROOF PENETRATIONS AND EQUIPMENT TO BE BLACK. COORDINATE WITH G.C.
11. WATER HAMMER ARRESTOR

NOTE:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL UTILITY CONNECTIONS AND PAY ALL ASSOCIATED FEES AND PROVIDE ALL REQUIRED MATERIALS, LABOR, ETC. COORDINATE EXACT REQUIREMENTS WITH UTILITY PROVIDERS. SEE CIVIL DRAWINGS FOR SITE ADDITIONAL SITE UTILITY WORK.

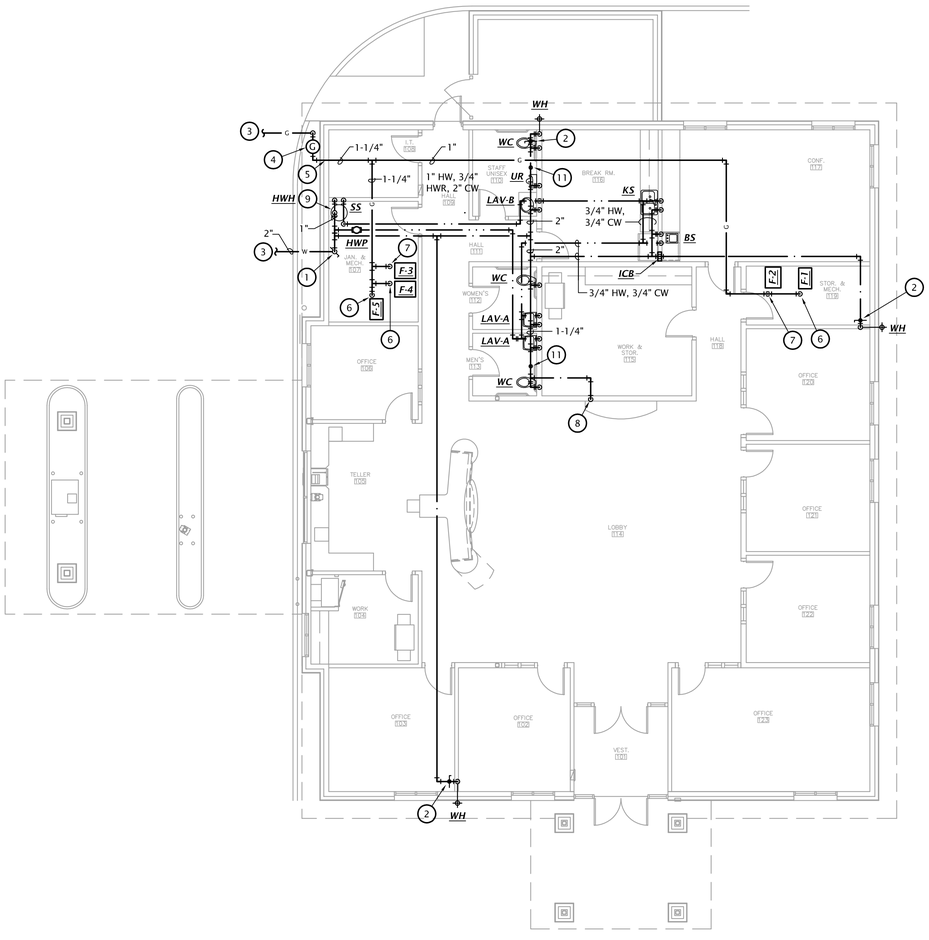
SEWER AND WATER UTILITY:
CITY OF DODGE CITY, KS
620-225-8176

GAS UTILITY:
BLACK HILLS ENERGY
620-338-5051



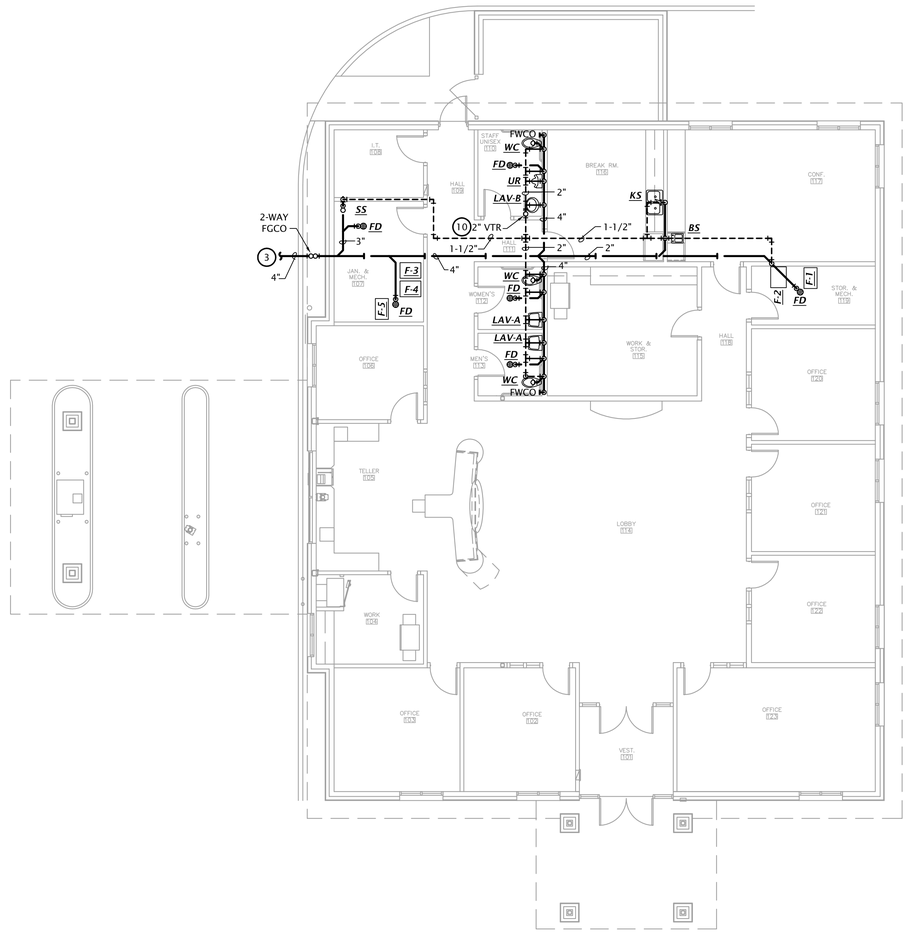
(3) WATER HEATER INSTALLATION DETAIL

NO SCALE



(2) WATER AND GAS PLAN

1/8" = 1'-0"



(1) WASTE AND VENT PLAN

1/8" = 1'-0"

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ASTRA BANK

BANK - NEW FACILITY

DODGE CITY, KANSAS

REVISION:

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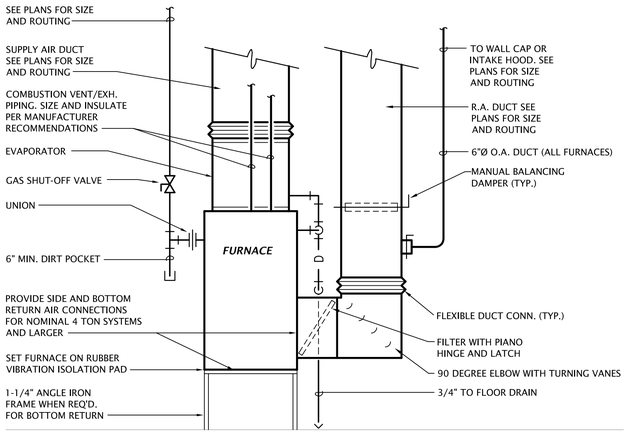
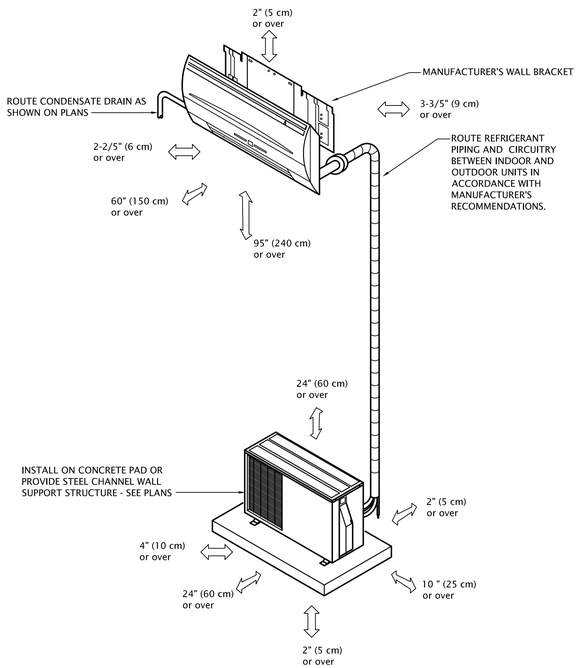


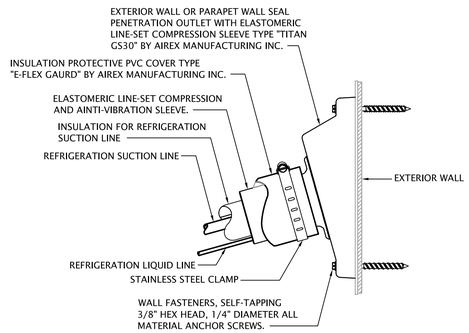
3 UPFLOW FURNACE DETAIL

NO SCALE



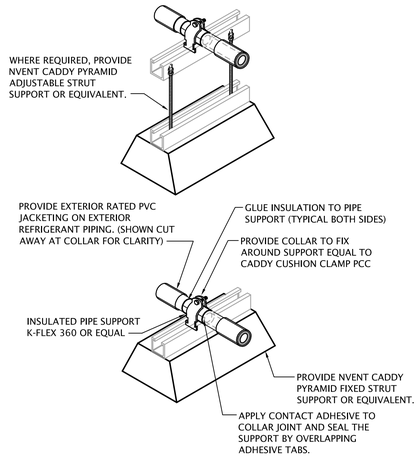
2 DUCTLESS SPLIT SYSTEM DETAIL

NO SCALE



4 HVAC PIPING WALL PENETRATION SEAL

NO SCALE



5 REFRIGERANT PIPING SUPPORT DETAIL

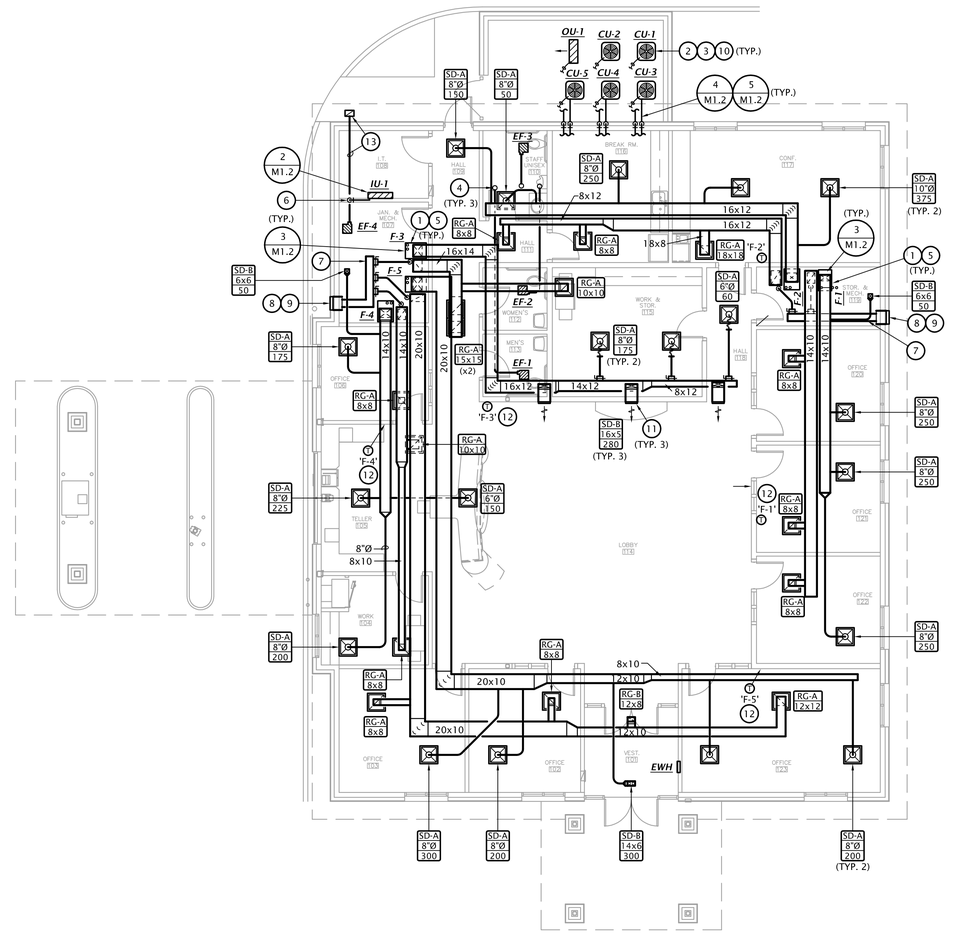
NO SCALE

GENERAL HVAC NOTES

- RETURN DUCT RUN-OUTS SHALL HAVE A MIN. OF 2 ELBOWS TO EACH RETURN GRILLE.
- WHERE AIR DEVICE RUN OUTS CONNECT TO MAINS, DUCTS SHALL SHALL BE OFFSET TO LIMIT NOISE TRANSMISSION.
- ROUTE ALL DUCTWORK IN ATTIC. COORDINATE EXACT ROUTING WITH TRUSS LAYOUT. PENETRATE GYP. ON UNDERSIDE OF TRUSSES AS CLOSE TO DIFFUSER AS POSSIBLE TO MINIMIZE REQUIRED OFFSET. SEAL PERIMETER OF DUCT PENETRATION, COORDINATE WITH G.C.
- PROVIDE MANUAL BALANCING DAMPERS ON ALL SUPPLY DUCT RUN-OUTS TO DIFFUSERS BELOW GYP. BD. CEILING WHETHER SHOWN OR NOT.
- NO FLEXIBLE DUCTWORK ALLOWED ABOVE GYP. BD. CEILING

HVAC PLAN NOTES BY SYMBOL

1. ROUTE PVC INTAKE AND VENT PIPING UP TO MANUFACTURER'S CONCENTRIC VENT ROOF TERMINATION. PROVIDE ROOF TERMINATION IN BLACK COLOR, OR PAINT BLACK, COORDINATE WITH ARCH.
2. MOUNT CONDENSING UNIT ON 3-1/2" THICK CONCRETE PAD, COORDINATE WITH G.C.
3. ROUTE REFRIGERANT PIPING FROM CONDENSING UNIT TO MATCHING EVAPORATOR COIL AT FURNACE. PENETRATE EXTERIOR WALL AT 18" A.F.G. PROVIDE PIPING WALL PENETRATION ASSEMBLY EQUAL TO AIREX TITAN OUTLET.
4. ROUTE 6"Ø EXHAUST DUCT FROM EXHAUST FAN ROUTE TO PITCHED ROOF CAP EQUAL TO GREENHECK MODEL RJ 6X9 AND TRANSITION TO CONNECTION AT ROOF CAP. ROOF CAP SHALL BE BLACK IN COLOR.
5. ROUTE 3/4" CONDENSATE DRAIN FROM FURNACE AND EVAPORATOR COIL TO ABOVE NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
6. ROUTE 3/4" CONDENSATE DRAIN FROM WALL MOUNTED INDOOR UNIT CONCEALED IN WALL TO ABOVE SERVICE SINK AND TERMINATE WITH ELBOW DOWN.
7. 10x10 OUTDOOR AIR DUCT
8. PROVIDE 18"W X 12" H LOUVER EQUAL TO GREENHECK MODEL ESD-435. PROVIDE WITH KYNAR FINISH IN COLOR AS SELECTED BY ARCHITECT. MOUNT LOVER AS HIGH AS POSSIBLE, COORDINATE EXACT LOCATION WITH G.C. AND ARCHITECT.
9. TRANSITION TO CONNECTION AT LOUVER. SLOPE DUCT WITHIN 5' OF LOUVER TOWARDS EXTERIOR.
10. PROVIDE CONTROL CABLING BETWEEN CONDENSING UNIT AND MATCHING FURNACE.
11. SEE A:A3.2 FOR EXACT LOCATION OF SUPPLY GRILLE. COORDINATE WITH ARCHITECT AND G.C.
12. PROVIDE CONTROL CABLE FROM THERMOSTAT TO FURNACE. COORDINATE EXACT LOCATION OF THERMOSTAT WITH OWNER PRIOR TO ROUGHING IN.
13. ROUTE 6"Ø EXHAUST DUCT TO SOFFIT VENT.



1 HVAC PLAN

1/8" = 1'-0"

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ASTRA BANK

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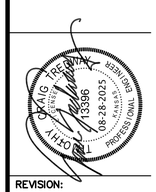
DODGE CITY, KANSAS



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SPLIT SYSTEM SCHEDULE

FURNACE					
MARK	F-1	F-2	F-3	F-4	F-5
MANUFACTURER	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX
AREA SERVED	EAST OFFICES	CONF./BREAK	LOBBY	TELLER	SOUTH OFFICES
MODEL	ML196UH030XE36B	ML196UH070XE48B	ML196UH070XE48B	ML196UH045XE36B	ML196UH070XE48B
AFUE (MIN)	96%	96%	96%	96%	96%
SUPPLY AIRFLOW (CFM)	750	1200	1200	800	1200
O.A. AIRFLOW (CFM)	50	125	80	60	70
ESP ("WG)	0.6	0.6	0.6	0.6	0.6
SPEED	MED	MED-HIGH	MED-HIGH	MED	MED-HIGH
MOTOR HP	1/2	3/4	3/4	1/2	3/4
NAT. GAS INPUT (MBH)	30.0	66.0	66.0	44.0	66.0
NAT. GAS OUTPUT (MBH)	29.0	63.9	63.9	42.8	63.9
AIR TEMP RISE (°F)	44.5	49.0	49.0	49.3	49.0
FLA	6.8	8.4	8.4	6.8	8.4
MOCP	15	15	15	15	15
VOLTAGE	120	120	120	120	120
APPROX. DIMENSIONS (LxWxH)	17.5"x28"x33"	17.5"x28"x33"	17.5"x28"x33"	17.5"x28"x33"	17.5"x28"x33"
APPROX. WEIGHT (LBS)	120	132	132	124	132
EVAPORATOR					
REFRIGERANT LIQ---GAS	3/8"---3/4"	3/8"---3/4"	3/8"---3/4"	3/8"---3/4"	3/8"---3/4"
ENT. AIR DB	80	80	80	80	80
ENT. AIR WB	67	67	67	67	67
SENSIBLE CAPACITY (MBH)	19.7	36.6	36.6	17.4	31.2
TOTAL CAPACITY (MBH)	15.4	29.3	29.3	15.9	30.7
APPROX. DIMENSIONS (LxWxH)	17.5"x21"x16.5"	17.5"x21"x24"	17.5"x21"x24"	17.5"x21"x16.5"	17.5"x21"x24"
APPROX. WEIGHT (LBS)	34	49	50	43	50
CONDENSING UNIT					
MARK	CU-1	CU-2	CU-3	CU-4	CU-5
NOMINAL TONNAGE	2.0	3	3	2	3
MANUFACTURER	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX
REFRIGERANT	410a	410a	410a	410a	410a
MODEL	13ACXN-24-230-17	13ACXN-36-230-17	13ACXN-36-230-17	13ACXN-24-230-17	13ACXN-36-230-17
O.A. DB	95°F	95°F	95°F	95°F	95°F
REFRIGERANT	R410-A	R410-A	R410-A	R410-A	R410-A
VOLTAGE/PHASE	240/1	240/1	240/1	240/1	240/1
MCA	14.7	22.0	22.0	14.7	22.0
MOCP	25/2	35/2	35/2	25/2	35/2
APPROX. DIMENSIONS (LxWxH)	24"x24"x25"	24"x24"x29"	24"x24"x29"	24"x24"x25"	24"x24"x29"
APPROX. WEIGHT (LBS)	138	151	151	138	151

NOTES:

1. Provide refrigerant piping sized in accordance with manufacturer's recommendations for acutal field installed length and routing.
2. Provide PVC intake and exhaust piping sized and installed in accordance with manufacturer's written installation instructions.
3. Provide 24hr/7 day programmable thermostat
4. Direct vent concentric roof termination kit

EXHAUST FAN SCHEDULE

MARK	MFG.	MODEL	TYPE	FAN PERFORMANCE		ELECTRICAL CONNECTION	WEIGHT (LBS)	NOTES
				AIRFLOW (CFM)	E.S.P. ("W.C.)			
EF-1,2,3	GREENHECK	SP-A200	DIRECT DRIVE CABINET FAN	75	0.38	.47A @ 120V	24	1,2
EF-4	GREENHECK	SP-A200	DIRECT DRIVE CABINET FAN	150	0.38	.47A @ 120V	24	1,2

NOTES:
1. Provide wall cap with bird screen and backdraft damper
2. Provide rubber-in-sheer vibration isolation kit

AIR DEVICE SCHEDULE

MARK	MANUFATURER	MODEL	APPLICATION				FINISH	MOUNTING	DAMPER	DESCRIPTION	NOTES
			SUPPLY	RETURN	EXHAUST	TRANSFER					
SD-A	PRICE	SCD	•				WHITE	LAY-IN	NO	24x24 Steel, louvered face 360° diffuser	1
SD-B	PRICE	520	•				WHITE	SURFACE	NO	Steel, double deflection grille with adj. bars 3/4"O.C., front blade parallel to short dimension	1
RG-A	PRICE	PDDR		•		•	WHITE	LAY-IN	NO	24x24 Steel, perforated face	1
RG-B	PRICE	530		•			WHITE	SURFACE	NO	Steel, single deflection grille with fixed bars 3/4"O.C. @ 35°, blade parallel to long dimension	1

GENERAL NOTES

- Maximum noise criteria shall be 25.
- Runouts to diffusers shall be same size as neck, U.N.O.
- Paint objects visible through grilles with flat black paint.
- Provide mounting frame as required for ceiling type. Coordinate with Architect.

NOTES:

1. See plans for neck/grille sizes

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER	DESCRIPTION	TRIM		ROUGH-IN SIZES				NOTES
			MANUFACTURER	DESCRIPTION	WASTE	VENT	CW	HW	
WC	KOHLER	Model 96057-0 "Highcliff" floor mounted flush valve water closet, white vitreous china, top spud 1.28 GPF, 12" rough-in, elongated 17-1/2" high bowl.	KOHLER	Model K-7531 piston type sensor operated chrome plated flush valve, 1.28 GPF. Model 4731-C-0 white open front plastic seat.	4"	2"	1"	---	1,3
UR	KOHLER	Model K-4991-ET "Bardon" urinal, white vitreous china, flush valve wall-hung, 3/4" top spud, elongated flushing rim, washout flushing action, 0.125 GPF. Mount with rim at 17" AFF.	KOHLER	Model K-7546 piston type sensor operated chrome plated flush valve, 0.125 GPF.	2"	2"	3/4"	---	1,3
LAV-A	KOHLER	Model K-1728 wall hung lavatory, white vitrous china, 19-1/4"W x 17-1/4", single faucet hole.	KOHLER	Model K-7514 sensor operated faucet, 0.5 gpm. Provide grid drain. Provide point of use tempering valve.	2"	1-1/2"	1/2"	1/2"	1,2,3
LAV-B	KOHLER	Model 2196-1-0 self-rimming lavatory, white vitreous china, 20"W x 17", faucet holes on 4" centers.	KOHLER	Model K-7514 sensor operated faucet, 0.5 gpm. Provide grid drain. Provide point of use tempering valve.	2"	1-1/2"	1/2"	1/2"	1,2,3
KS	JUST	Model DL-2233-A-GR two compartment 18 GA stainless steel sink, self rimming, 14"x16"x8"D inside, fully undercoated, faucet holes as req.	DELTA	Model 400LF-HDF single handle kitchen sink faucet with hose spray attachment. Chrome finish. Provide basket strainer.	2"	1-1/2"	1/2"	1/2"	2,3
BS	JUST	Model SLF-1613-A-GR single compartment 18 GA. Stainless steel sink, self rimming, 10"x10"x7-1/2"D inside, fully undercoated, faucet holes as required.	DELTA	Model 27C4944 two handle bar sink faucet, 6" gooseneck spout, 1.5 GPM aerator, 4" blade handles, chrome finish. Provide basket strainer.	2"	1-1/2"	1/2"	1/2"	2,3
SS	FIAT	Model MSB-2424 one piece molded stone mop basin, 24" square, stainless steel integral drain body with caulk connection, stainless steel wall guards.	CHICAGO FAUCETS	Model 540-LD897SGXKCCP faucet with hose thread outlet, vacuum breaker spout, pail hook, wall brace, integral check valves, metal lever handles.	3"	1-1/2"	3/4"	3/4"	3
WH	WOODFORD	Model B67 automatic draining freezeless wall hydrant with ASSE 1052 double check backflow preventor, loose tee key handle, with recessed box with door. Provide with chrome plated exterior finish.			---	---	3/4"	---	
ICB	WATER TITE	Model W9700 ice maker connection box with 1/4 turn ball valve and 1/2" sweat copper connection.			---	---	1/2"	---	
FD	WADE	1100 series floor drain with 6" satin nickel bronze strainer. Provide trap protection device equal to ProSet Trapguard.			2"	1-1/2"	---	---	
HWH	A.O. SMITH	Model DEL-20, 20 gallon electric water heater, 4500 watts element, 240 volts /1 phase heating elements, 16 GPH recovery @ 100°F temp rise. Supplied with temperature & pressure relief valve and brass drain valve.							4
HWP	BELL & GOSSETT	Model NBF-36, three speed circulation pump, bronze body, 10 GPM @ 10' head, 120 VAC. Provide clamp-on aquastat for pump control.							

GENERAL:

- Provide fixtures with all trim necessary for complete installation

NOTES:

1. Fixture and installation to meet requirements of Americans with Disabilities Act.
2. Provide 1/4 turn angle stops with escutcheon plates, and chrome plated or braided stainless steel supplies, and 1-1/4" cast brass p-trap.
3. Trim shall be provided with polished chrome finish.
4. Provide wall hung platform for water heater equal to Holdrite #50-SWHP-W-C. Coordinate exact location and mounting height with architect.

ELECTRIC HEATER SCHEDULE

MARK	MANUF.	MODEL	MOUNTING	WATTS	VOLTAGE/PHASE	DESCRIPTION	NOTES
EWH	TRANE	UHAA	WALL	1,500	120/1	Architectural fan forced wall heater	1,2,3

NOTES:

1. Provide with high temp. thermal cutout and fan delay.
2. Provide with integral thermostat and unit mounted disconnect switch.
3. Provide with recessed mounting frame.

MINI-SPLIT SYSTEM SCHEDULE

AREA SERVED	I.T. ROOM
INDOOR UNIT	
MARK	IU-1
MANUFACTURER	MITSUBISHI
MODEL	PUY-A12NKA7
CONFIGURATION	WALL MOUNTED
SUPPLY AIRFLOW	320
VOLTAGE/PHASE	208/1
MCA/MOCP	NOTE #1
WEIGHT	28 LBS.
COOLING PERFORMANCE	
ENT. AIR DB	80°F
ENT. AIR WB	67°F
NOMINAL CAPACITY	12,000 BTU/HR
OUTDOOR AIR DB	95°F
COOLING RANGE	
ENT. AIR DB	115°F / -40°F
CONDENSING UNIT	
MARK	OU-1
MANUFACTURER	MITSUBISHI
MODEL	PKA-A12LA
VOLTAGE/PHASE	240/1Ø
MIN. CKT. AMPS	11
MAX C/B SIZE	15/2
WEIGHT	92 LBS.

NOTES:

1. Indoor unit receives power from outdoor door unit in a feed-thru design
2. Provide refrigerant lineset sized in accordance with Manufacturer's recommendations
3. Provide wired remote thermostat.
4. Provide with crank case heater, wind baffle and all accessories required to allow unit to operate down to -10°F O.A.T. cooling mode.

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BANK - NEW FACILITY
DODGE CITY, KANSAS

CRAIG TREMPY 13596 08-28-2025 JESSE RENZ PROFESSIONAL ARCHITECT

REVISION:

DATE: 08-28-2025
JOB: 25-3515
SHEET NO.:

M6.1

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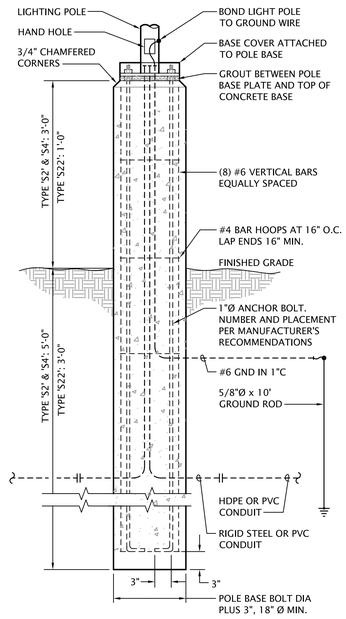

2 LIGHT POLE BASE DETAIL
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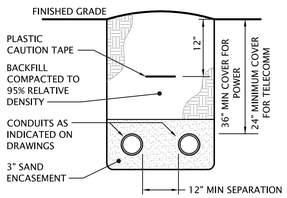

3 CONDUIT TRENCH DETAILS
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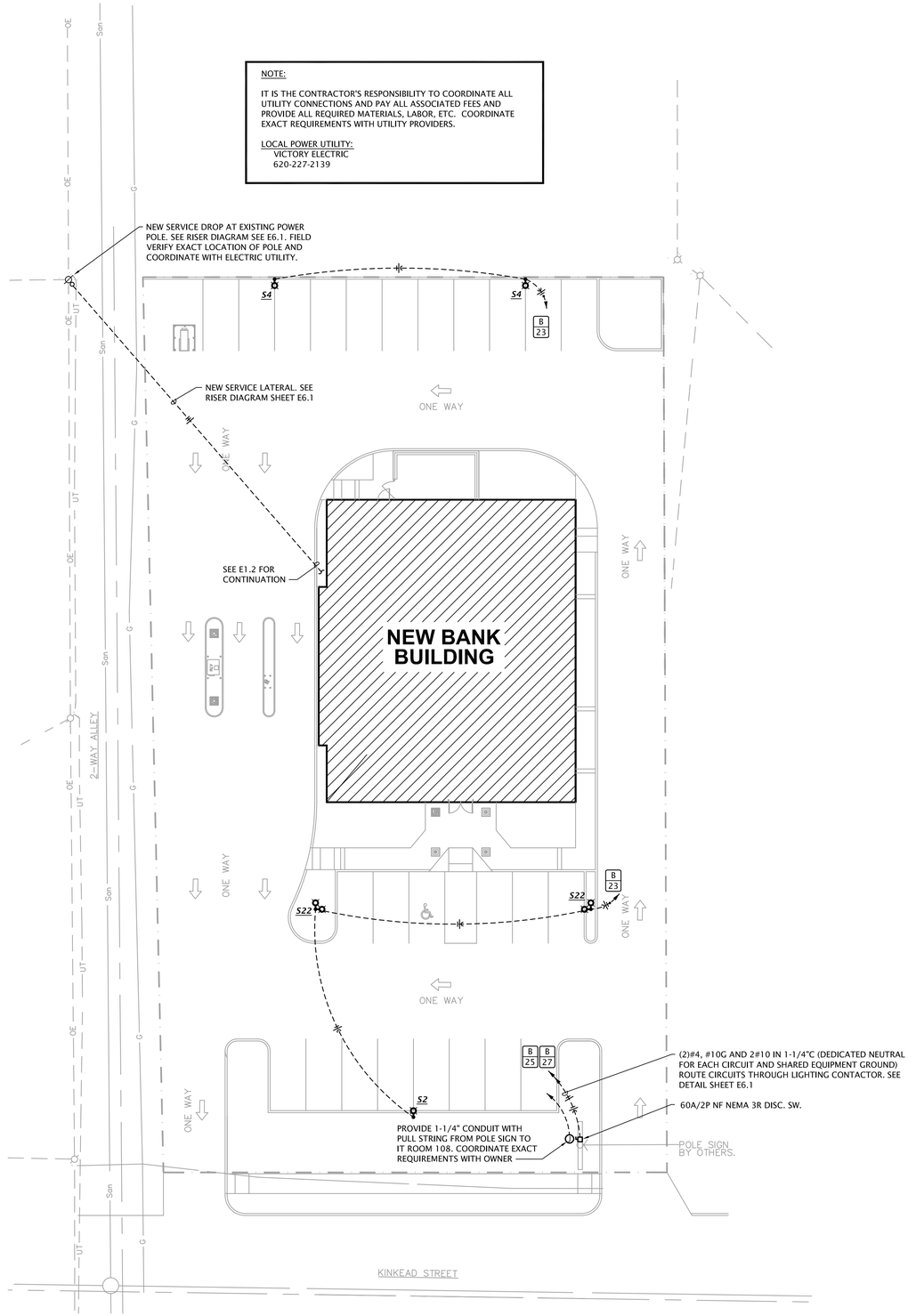

1 ELECTRICAL SITE PLAN
1/16" = 1'-0"

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DODGE CITY, KANSAS

CRAIG TREGEMBA JEREMY JOSEPH JENSEN 13396 08-28-2025 REGISTERED PROFESSIONAL ENGINEER

REVISION:

DATE: 08-28-2025
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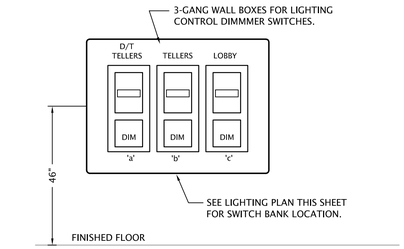

3 LIGHTING CONTROL SWITCHBANK

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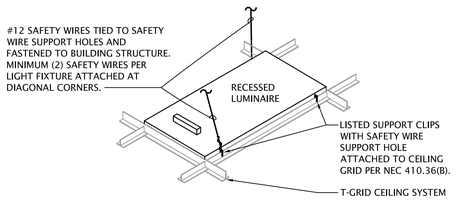
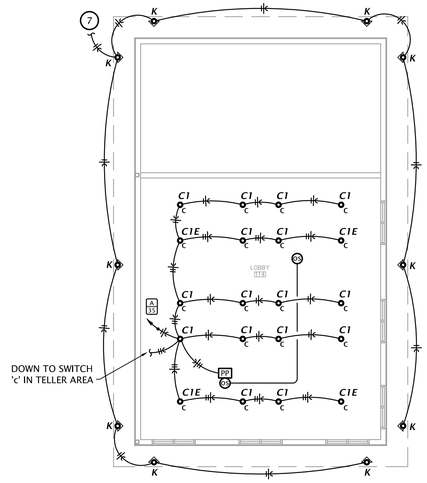


NOTES:

1. SAFETY WIRES MAY BE SLACK BUT SHALL BE SECURED WITH A MINIMUM OF THREE TIGHT TURNS AROUND SELF.
2. FIXTURE INSTALLATION TO COMPLY WITH ASTM C636 AND CISCA STANDARDS.

4 RECESSED LUMINAIRE SUPPORT

NO SCALE



2 LIGHTING CLEARSTORY PLAN

1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	LAMP DATA	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
A1	DAY-BRITE CFI	2SBP3550L8CS-4-UN3-DIM	47W LED 5,847 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2'x4' BACKLIT FLAT PANEL, LUMEN SWITCH SET TO HIGH	2
A2	DAY-BRITE CFI	2SBP3550L8CS-4-UN3-DIM	37W LED 4,718 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2'x4' BACKLIT FLAT PANEL, LUMEN SWITCH SET TO MEDIUM	2
A3	DAY-BRITE CFI	2SBP3550L8CS-4-UN3-DIM	33W LED 4,260 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2'x4' BACKLIT FLAT PANEL, LUMEN SWITCH SET TO LOW	2
A3E	DAY-BRITE	2SBP3550L8CS-4-UN3-DIM-BSL310RM	33W LED 4,260 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2'x4' BACKLIT FLAT PANEL, LUMEN SWITCH SET TO LOW WITH 10W EMERGENCY DRIVER INSTALLED	2
B	DAY-BRITE CFI	2SBP3040L8CS-2-UN3-DIM	32W LED 3,819 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2'x2' BACKLIT FLAT PANEL, LUMEN SWITCH SET TO MEDIUM	2
BE	DAY-BRITE CFI	2SBP3040L8CS-2-UN3-DIM-BSL310RM	32W LED 3,819 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2'x2' BACKLIT FLAT PANEL, LUMEN SWITCH SET TO MEDIUM WITH 10W EMERGENCY DRIVER INSTALLED	2
C1	LIGHTOLIER	6RN-C6L15940MZ10U-C6RDLCC	13W LED 1,500 LUMEN	0-10V DIMMING	RECESSED	WHITE TRIM	6"Ø DOWNLIGHT, COMFORT CLEAR REFLECTOR	
C1E	LIGHTOLIER	6RNEM6-C6L15940MZ10U -C6RDLCCIEM6	13W LED 1,500 LUMEN	0-10V DIMMING	RECESSED	WHITE TRIM	6"Ø DOWNLIGHT, COMFORT CLEAR REFLECTOR WITH 6W EMERGENCY DRIVER INSTALLED	
C2	LIGHTOLIER	6RN-C6L10940MZ10U-C6RDLCC	9W LED 1,000 LUMEN	0-10V DIMMING	RECESSED	WHITE TRIM	6"Ø DOWNLIGHT, COMFORT CLEAR REFLECTOR	
E	HUBBELL	LZ2	(2) 5W	N/A	WALL	WHITE	INDOOR EMERGENCY LIGHTING UNIT	
E2	DUAL LITE	PGZ-HTR	3W LED 405 LUMENS	FIXED OUTPUT	WALL	DARK BRONZE	DIE-CAST EXTERIOR EMERGENCY LIGHTING UNIT WITH INTEGRAL HEATER	3
F	DAY-BRITE CFI	SDS42448L8CST-UNV-DIM	41W LED 5,074 LUMEN	0-10V DIMMING	SURFACE	WHITE	4' STRIP LIGHT, LUMEN SWITCH SET TO HIGH	
J	LIGHTOLIER	6RN-P6RDL20940WCL-Z10U	25W LED 2,200 LUMEN	0-10V DIMMING	RECESSED	WHITE TRIM	6"Ø OUTDOOR DOWNLIGHT, SPECULAR CLEAR REFLECTOR	3
K	LIGHTOLIER	6RN-P6RLW10940WCL-Z10U	11W LED 1,000 LUMEN	0-10V DIMMING	RECESSED	WHITE TRIM	6"Ø OUTDOOR WALL WASH DOWNLIGHT, SPECULAR CLEAR LENSE	3
S2	GARDCO	OPF-S-P03-840-T2M-AR1-120-BK	38W LED 6500 LUMEN	0-10V DIMMING	POLE	BLACK	LED AREA LIGHT, SINGLE HEAD WITH IES TYPE II DISTRIBUTION, TWO FIXTURES MOUNTED AT 90 DEGREES ON POLE	3,4,5
S22	GARDCO	(2) OPF-S-P02-840-2TM-AR1-120-BK	(2) 23W LED 4000 LUMEN	0-10V DIMMING	POLE	BLACK	LED AREA LIGHT, DOUBLE HEAD WITH IES TYPE II DISTRIBUTION	3,4,6
S4	GARDCO	OPF-S-P03-840-T4M-AR1-120-BLK	38W LED 6500 LUMEN	0-10V DIMMING	POLE	BLACK	LED AREA LIGHT, SINGLE HEAD WITH IES TYPE IV DISTRIBUTION, TWO FIXTURES MOUNTED AT 180 DEGREES ON POLE	3,4,5
W	GARDCO	101L-16L-400-NW-G2-2-120-BK	22W LED 2840 LUMENS	STANDARD	WALL	BLACK	ARCHITECTURAL LOW PROFILE LED WALL SCONCE, FULL CUT-OFF, TYPE II IES DISTRIBUTION	3,4
X	DUAL-LITE	EVEURWEI	LED	N/A	UNIVERSAL	WHITE HOUSING RED LETTERS	SINGLE FACE POLYCARBONATE LED EXIT	1

GENERAL:

- All LED's shall be 4000 K correlated color temperature, minimum 80 CRI. Unless otherwise noted
- All light fixtures shall be provided with universal drivers capable of operating at 120V or 277V UNO.
- Fixtures shown half-shaded or noted with 'EM' shall be provided with an emergency battery to operate fixtures for a minimum of 90 minutes upon loss of normal power
- Coordinate mounting height of all wall mounted fixtures with Architect prior to roughing in.

NOTES:

1. Provide with emergency battery integral charger and self-diagnostic/self-testing electronics.
2. Install fixture per detail 4 this sheet.
3. U.L. listed for 'wet location'
4. Fixture shall be rated for use down to -40°F.
5. Provide 10' round straight steel pole rated for 110 mph wind loads, black to match fixture
6. Provide 20' round straight steel pole rated for 110 mph wind loads, black to match fixture

LIGHTING PLAN NOTES BY SYMBOL

1. ROUTE CIRCUIT THROUGH CONTACTOR FOR PHOTOCELL CONTROL. SEE DETAIL 5:E6.1
2. J-BOX FOR POWER CONNECTION TO DRIVE-THRU SIGN. SEE ARCH. ELEVATIONS FOR SIGN LOCATION. VERIFY REQUIREMENTS WITH GC AND SIGN INSTALLER PRIOR TO ROUGH-IN.
3. PROVIDE PHOTOCELL MOUNTED TO UNDERSIDE OG DRIVE-THRU CANOPY FOR CONTROL OF "EXIT ONLY" AND "ATM LANE" SIGNS
4. TOGGLE SWITCHES FOR CONTROL OF "DRIVE THRU OPEN" SIGNS. 3-POSITION TOGGLE SWITCH WITH PILOT LIGHT PROVIDE WITH BANK EQUIPMENT
5. EXTERIOR PHOTOCELL FOR CONTROL OF EXTERIOR LIGHTING. MOUNT TO UNDERSIDE OF SOFFIT, FACING NORTH. SEE DETAIL 5:E6.1
6. SEE CLEARSTORY LIGHTING PLAN THIS SHEET FOR CONTINUATION
7. SEE LIGHTING PLAN THIS SHEET FOR CONTINUATION
8. J-BOX AND WEATHERPROOF TOGGLE SWITCH FOR BUILDING SIGN. VERIFY EXACT SIGN LOCATION AND CONNECTION REQUIREMENTS WITH GC AND SIGN INSTALLER PRIOR TO COMMENCING WORK.
9. EXHAUST FAN WIRED FOR CONTINUOUS OPERATIONS.
10. PROVIDE 120V ROUGH-IN AND SWITCH FOR ILLUMINATED LOBBY SIGN. COORDINATE EXACT LOCATION WITH SIGN SUPPLIER AND OWNER PRIOR TO COMMENCING WORK.

LIGHTING PLAN GENERAL NOTES

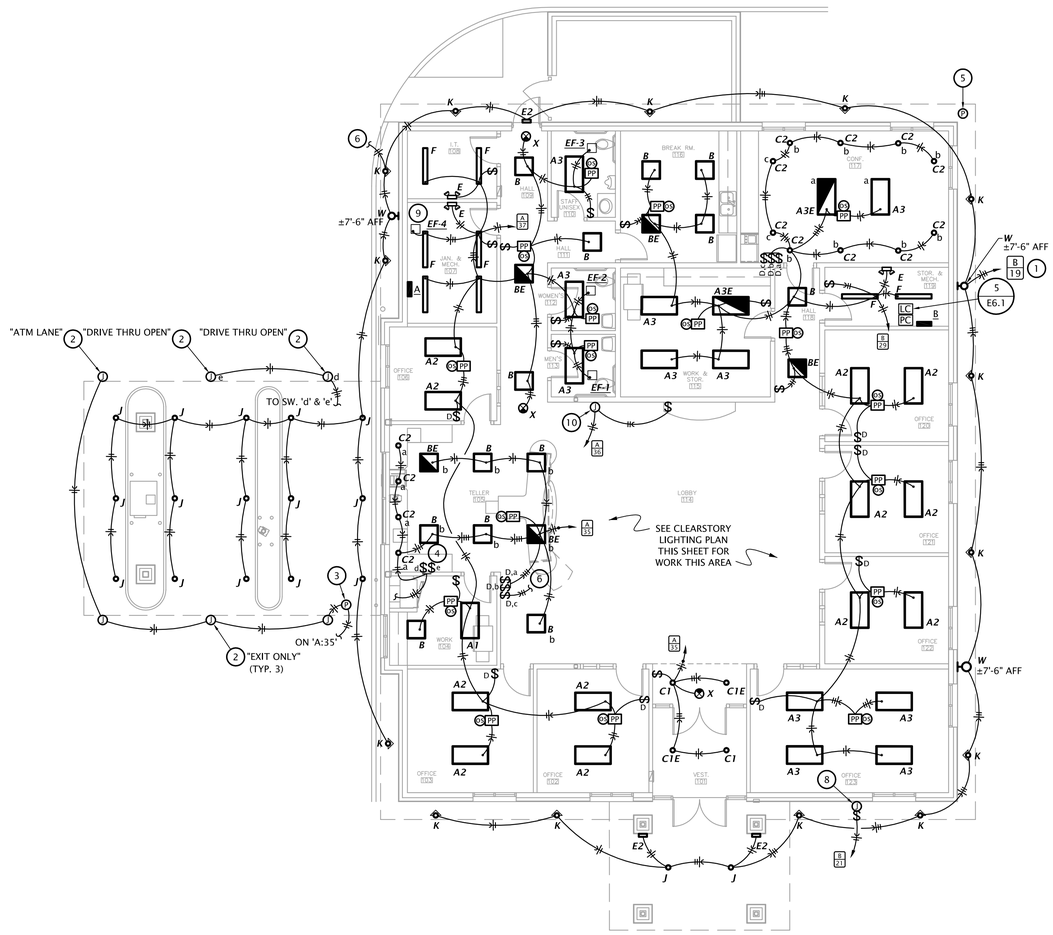
A. CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.

B. IN AREAS WHERE CEILING MOUNTED OCCUPANCY SENSORS ARE USED FOR LIGHTING CONTROL IN CONJUNCTION WITH WALL SWITCHES, OCCUPANCY SENSOR SHALL PROVIDE OVERRIDE "OFF" CONTROL FOR ALL LIGHTS IN ROOM.

C. WALL BOX DIMMER SWITCHES SHALL BE 120/277VAC, PRESET TYPE WITH SLIDER, 1500 WATT RATED, AND SHALL PROVIDE DIRECT DIMMING AND SWITCHING CONTROL OF 0-10 VDC DIMMING DRIVERS WITHOUT THE USE OF AN EXTERNAL POWER PACK. SYNERGY #ISD-BC-120/277 OR EQUAL. COORDINATE COLOR OF DEVICES WITH ARCHITECT.

D. CONTROL CABLING FOR 0-10 VDC DIMMING SIGNAL CIRCUITS SHALL BE NEC TYPE 'TC', 18AWG/2C STRANDED COPPER, TWISTED, WITH FOIL SHIELD AND DRAIN WIRE, IN OVERALL PVC JACKET, RATED FOR 600V. CONTROL CIRCUITS SHALL BE NEC CLASS 1, ROUTED IN SAME RACEWAY WITH LIGHTING CIRCUIT POWER CONDUCTORS. WHERE MC-CABLE IS USED AS FINAL POWER CONNECTION TO LUMINAIRE, FINAL 0-10 VDC DIMMING CIRCUIT CONNECTION SHALL BE INSTALLED IN SEPARATE 1/2" FMC

E. LIGHT SWITCHES, POWER AND TELECOMM OUTLETS SHARING A COMMON WALL WITH ANOTHER ROOM SHALL NOT BE PLACED IN THE SAME STUD CAVITY AS THE OTHER ROOM. PLACE WALL OUTLETS SO THERE IS AT LEAST ONE STUD BETWEEN WALL BOXES BETWEEN ROOMS FOR SOUND ATTENUATION PURPOSES. .



1 LIGHTING PLAN

1/8" = 1'-0"

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ASTRA BANK

BANK - NEW FACILITY

DODGE CITY, KANSAS

REVISION:

DATE: 08-28-2025

JOB: 25-3515

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SPECIAL SYSTEMS NOTES BY SYMBOL

1. HUBBELL SYSTEM-ONE (OR EQUAL) RECESSED 8 GANG FLOOR BOX WITH ROUND COVER WITH CONDUIT HUBS FOR CONDUIT SIZES SHOWN. PROVIDE SURFACE, BRASS PLATED 8" ROUND COVER WITH TWO ACCESS DOORS. PROVIDE PLATES AND DIVIDERS FOR (2) DECORATOR STYLE PLATES FOR (2) HDMI CABLES AND (2) DUPLEX PLATES FOR (2) DUPLEX RECEPTACLES.. DATA CONDUIT SIZE TO BE 2".
2. HUBBELL SYSTEM-ONE RECESSED 8 GANG FLOOR BOX WITH ROUND COVER WITH CONDUIT HUBS FOR CONDUIT SIZES SHOWN. PROVIDE SURFACE, BRASS PLATED 8" ROUND COVER WITH TWO ACCESS DOORS. PROVIDE (8) DECORATOR STYLE PLATES FOR OWNER INSTALLED DATA JACKS. DATA CONDUIT TO BE 1-1/4".
3. NOT USED
4. PROVIDE 3-GANG A/V WALL BOX CAPABLE OF ACCEPTING A 2" BOTTOM ENTRY CONDUIT. PROVIDE (1) 1-1/4" CONDUIT FROM TOP OF BOX TO ABOVE CEILING TO WIRE BASKET. HUBBELL HBL986 (OR EQUAL). PROVIDE EXTENSION RING FOR OWNER INSTALLED TELECOMMUNICATIONS OUTLETS. COORDINATE REQUIREMENTS WITH OWNER.
5. 1-GANG WALL BOX AT 46" AFF WITH 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR OWNER PROVIDED ACCESS CONTROL CARD READER.
6. NOT USED
7. COVER TWO WALLS WITH 4'x8'x3/4" ACX FIRE RETARDANT PLYWOOD SHEETS INSTALLED VERTICALLY WITH BOTTOM AT 6" AFF. PLYWOOD SHALL BE PERMANENTLY FASTENED TO THE WALL BY MEANS OF WALL ANCHORS UTILIZING GALVANIZED, ZINC PLATED, OR STAINLESS STEEL HARDWARE WITH A FLAT HEAD. FINISHED INSTALLATION SHALL HAVE FLUSH APPEARANCE WITH COUNTERSUNK SCREW HEADS TO PREVENT SPLITTING OF THE PLYWOOD. DRYWALL SCREWS ARE NOT ACCEPTABLE. PAINT WITH TWO COATS OF LIGHT GRAY FIRE RETARDANT SEALER PRIOR TO INSTALLATION OF ANY EQUIPMENT.
8. TELECOM GROUND BAR, 12"x2"x1/4" COPPER GROUND BAR ATTACHED TO WALL AT 18" AFF WITH STAINLESS STEEL BRACKETS, INSULATING STAND OFFS, SIX PAIR OF 5/16"Ø HOLES AND THREE PAIR OF 7/16"Ø HOLES. ERICO #TGBA14L06PT OR EQUAL. REFER TO DETAIL THIS SHEET FOR GROUNDING/BONDING REQUIREMENTS
9. (2) 3" EMT CONDUITS WITH NYLON BUSHINGS FROM WIRE BASKET TO IT ROOM.
10. (2) 3" EMT CONDUITS WITH NYLON BUSHINGS ABOVE CEILING
11. PROVIDE 1-GANG BOX ABOVE CEILING WITH 1" CONDUIT STUBBED TO WIRE BASKET FOR OWNER PROVIDED WIRELESS ACCESS POINT
12. PROVIDE HUBBELL SYSTEM-ONE (OR EQUAL)RECESSED 4 GANG FLOOR BOX WITH ROUND COVER AND LOW VOLTAGE BARRIER PROVIDE SURFACE, BRASS PLATED ROUND COVER WITH TWO ACCESS DOORS. PROVIDE (2) DECORATOR STYLE PLATES FOR OWNER INSTALLED DATA JACKS AND (2) DUPLEX RECEPTACLE PRE-WIRED PLATES. DATA CONDUIT TO BE 1-1/4".
13. PROVIDE (2) 2" PVC CONDUITS WITH PULL CHORD FROM IT TO PROPERTY LINE/UTILITY DEMARCATION POINT. CAP AND FLAG. COORDINATE WITH INTERNET PROVIDER.
14. PROVIDE 12x4 WIRE BASKET ON THREE WALLS @ 8'0" AFF. COORDINATE EXACT LAYOUT WITH OWNER.
15. PROVIDE JUNCTION BOX AT NIGHT DEPOSITORY ALARM CONNECTION WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING.
16. (1) 2-GANG J-BOX AT 18" AFF AND (1) 1-GANG J-BOX AT 30" AFF FOR DEAL DRAWER SECURITY AND AUDIO/CALL CABLING. PROVIDE (1) 1" CONDUIT FROM EACH BOX STUBBED TO ABOVE ACCESSIBLE CEILING.
17. PROVIDE 4" PVC CONDUIT WITH (3) PULL STRINGS FROM ISLAND ATM TO PHONEBOARD IN I.T. ROOM COORDINATE REQUIREMENTS WITH ATM EQUIPMENT INSTALLER.
18. VERIFY CONDUIT STUB-UP LOCATIONS AT ATM WITH GC AND EQUIPMENT INSTALLER PRIOR TO ROUGH-IN
19. INSTALL J-BOX FLUSH IN SOFFIT ABOVE CUSTOMER TERMINAL.
20. (1) 3/4" CONDUIT FOR CONTROL & AUDIO CABLES TO CUSTOMER TERMINAL. ROUTE CONDUIT OVERHEAD CONCEALED ABOVE CEILING OF OVERHANG AND STUB-OUT ABOVE CEILING IN TELLER AREA.

SPECIAL SYSTEMS GENERAL NOTES

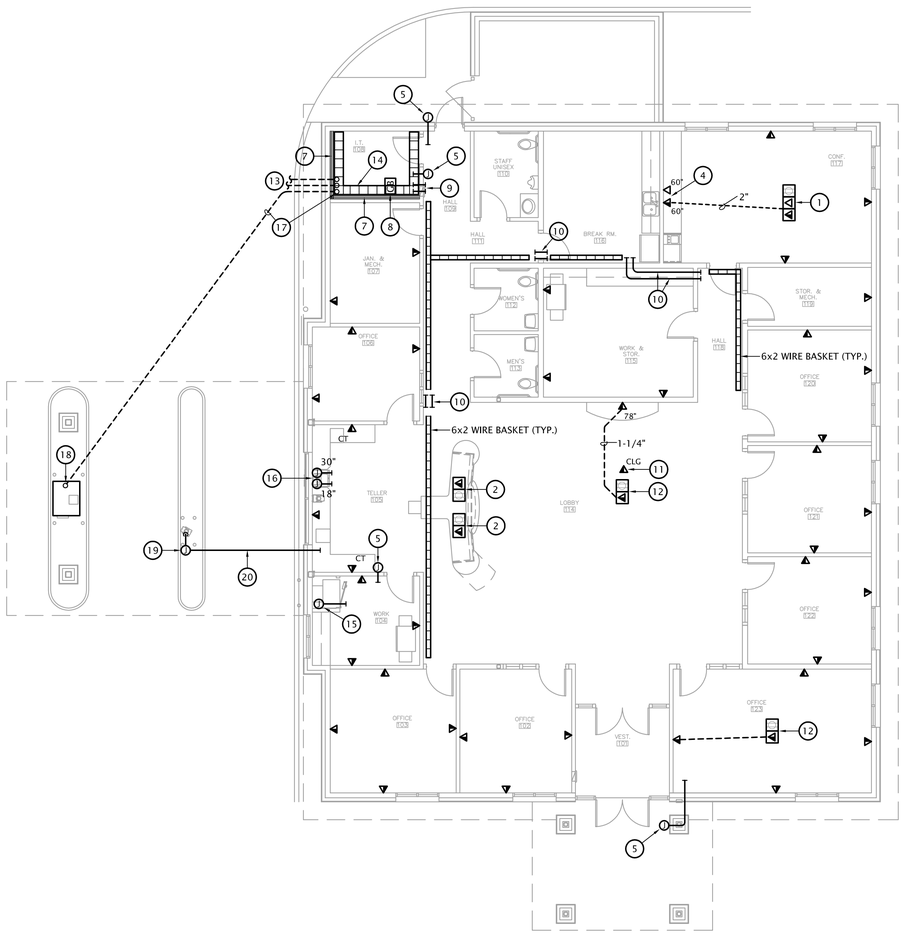
A. POWER AND TELECOMM OUTLETS SHARING A COMMON WALL WITH ANOTHER ROOM SHALL NOT BE PLACED IN THE SAME STUD CAVITY AS THE OTHER ROOM. PLACE WALL OUTLETS SO THERE IS AT LEAST ONE STUD BETWEEN WALL BOXES BETWEEN ROOMS FOR SOUND ATTENUATION PURPOSES.

B. PROVIDE 4" SQ WALL BOX WITH SINGLE GANG EXTENSION RING FOR ALL TELECOMM OUTLET LOCATIONS UNLESS NOTES OTHERWISE. PROVIDE 1" CONDUIT FROM WALL BOX TO WIRE BASKET OR DIRECTLY TO IT ROOM WHERE CABLING IS NOT ACCESSIBLE. MINIMUM CONDUIT SIZES SHALL BE AS FOLLOWS:
(1) BOX SERVICED - 1"C
(2) BOXES SERVED - 1"C
(3) BOXES SERVED - 1-1/4"C
DO NOT COMBINE MORE THAN (3) WALL BOXES IN A SINGLE CONDUIT RUN TO THE WIRE BASKET OR IT ROOM

C. PROVIDE A JUNCTION BOX FOR CONDUITS WITH MORE THAN (3)90 DEGREE ELBOWS. JUNCTION BOXES MUST BE ACCESSIBLE.

D. VERIFY ALL POWER AND CONDUIT REQUIREMENTS FOR BANK EQUIPMENT WITH GC AND EQUIPMENT SUPPLIER/INSTALLER PRIOR TO ROUGH-IN

E. VERIFY ALL FLOOR AND WALL BOX LOCATIONS WITH OWNER PRIOR TO ROUGH-IN



2 SPECIAL SYSTEMS PLAN
1/8" = 1'-0"

POWER PLAN NOTES BY SYMBOL

1. VERIFY CONDUIT STUB-UP LOCATIONS AT ATM WITH GC AND EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
2. EXTEND POWER DOWN INTO CUSTOMER TERMINAL AND MAKE FINAL CONNECTIONS. VERIFY REQUIREMENTS WITH EQUIPMENT INSTALLER.
3. INSTALL J-BOX FLUSH IN SOFFIT ABOVE CUSTOMER TERMINAL.
4. PROVIDE 120V POWER CONNECTION TO DEPOSITORY CHEST. COORDINATE REQUIREMENTS WITH EQUIPMENT INSTALLER.
5. ROUTE CIRCUIT THROUGH ADJACENT AQUASTAT FOR CONTROL OF 'HWP'. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL CONNECTION.
6. 400A/240V/2P NON-FUSED NEMA 3R DISCONNECT SWITCH. SEE RISER DIAGRAM 1:E6.1
7. LOCATE OUTLET FOR DOOR ACCESS CONTROLS ABOVE LAY-IN CEILING.
8. LOCATE OUTLET FOR MICROWAVE IN UPPER CABINETRY. COORDINATE EXACT LOCATION WITH ARCHITECT.
9. LOCATE OUTLET FOR UNDER COUNTER REFRIGERATOR 18" AFF.
10. LOCATE OUTLET OUTLET FOR A/V EQUIPMENT IN CASEWORK. COORDINATE EXACT LOCATION WITH ARCHITECT.
11. SEE SPECIAL SYSTEMS PLAN THIS SHEET FOR FLOOR BOX SPECIFICATION. COORDINATE EXACT LOCATION WITH ARCHITECT.
12. 30A/240V/2P NF NEMA 3R DISCONNECT SWITCH
13. 60A/240V/2P NF NEAM 3R DISCONNECT SWITCH
14. EXTEND 20A, 208V-1PH CIRCUITRY TO MATCHING INDOOR UNIT
15. INDOOR UNIT (FAN COIL) RECEIVES POWER FROM MATCHING OUTDOOR UNIT (HEAT PUMP)
16. SEE E1.0 FOR CONTINUATION
17. PROVIDE OUTLET IN ATTIC FOR FUTURE RADON FAN.

GENERAL ELECTRICAL NOTES

A. THE CIRCUITING OF ALL DEVICES HAS BEEN SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL FOLLOW THIS CIRCUITING LAYOUT .

B. VERIFY EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ASSOCIATED SUB CONTRACTORS. COORDINATE CONDUIT STUB-UP AND POWER CONNECTIONS PRIOR TO COMMENCING ROUGH-IN WORK. ELECTRICAL DEVICES (DISCONNECTS, RECEPTACLES, ETC.) INSTALLED ON EQUIPMENT SHALL BE MOUNTED ON A NON-REMOVABLE PANEL OF THE EQUIPMENT. FIELD COORDINATE EXACT DEVICE MOUNTING LOCATIONS PRIOR TO INSTALLATION.

C. WALL MOUNTED HVAC CONTROL DEVICES (THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, CO_2 SENSORS, ETC) SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. UNLESS NOTED OTHERWISE, ELECTRICAL CONTRACTOR SHALL PROVIDE SINGLE GANG WALL BOX AT 46" AFF AND 1/2" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING WITH NYLON BUSHINGS AND PULLSTRING IN RACEWAY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DEVICES.

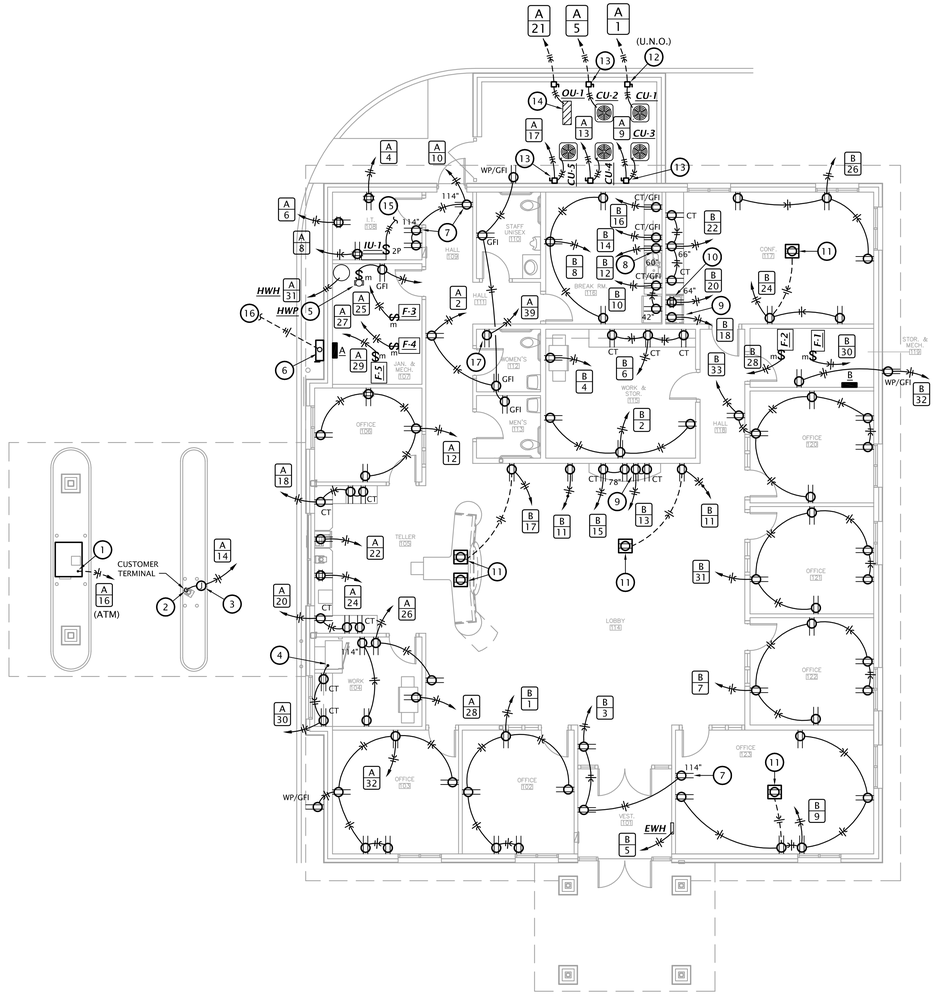
D. ELECTRICAL EQUIPMENT AND DEVICES SHALL BE "LISTED" AND "IDENTIFIED" AS RATED FOR A MINIMUM OF 75°C CONDUCTOR TERMINATION.

E. BRANCH CIRCUIT SIZES SHOWN ON PANEL SCHEDULES ARE MINIMUM, AND ALLOWANCES SHALL BE MADE TO LIMIT VOLTAGE DROP. ALL 15 AMP AND 20 AMP, 120V CIRCUITS OVER 75' LONG SHALL BE INCREASED BY ONE WIRE SIZE, AND OVER 150' LONG SHALL BE INCREASED BY TWO WIRE SIZES .

F. COORDINATE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR INSTALLATION OF PLUMBING AND MECHANICAL INSTALLATION. CONDUITS SHALL BE ROUTED THROUGH JOIST WEBS WHERE POSSIBLE.

G. VERIFY EXACT PLACEMENT OF ALL LUMINAIRES, DEVICES, AND EQUIPMENT SHOWN ON THE ELECTRICAL CONSTRUCTION DOCUMENTS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS PRIOR TO FINAL PLACEMENT.

H. DEFINITION OF TERMS
* SHALL - ACTION THAT IS REQUIRED WITHOUT OPTION OR QUALIFICATION.
* FURNISH - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING.
* INSTALL - CONTRACTOR SHALL BE RESPONSIBLE FOR LABOR AND CONSTRUCTION EQUIPMENT NECESSARY TO SET IN PLACE, CONNECT, CALIBRATE AND TEST EQUIPMENT FURNISHED BY HIM OR OTHERS.
* PROVIDE - CONTRACTOR SHALL FURNISH AND INSTALL



1 POWER PLAN
1/8" = 1'-0"

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Project 25041 AUGUST 2025

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ASTRA BANK
BANK - NEW FACILITY
DODGE CITY, KANSAS

REVISION:

DATE: 08-28-2025
JOB: 25-3515
SHEET NO.:

E1.2

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Project 25041 **AUGUST 2025**

JonesGillamRenz
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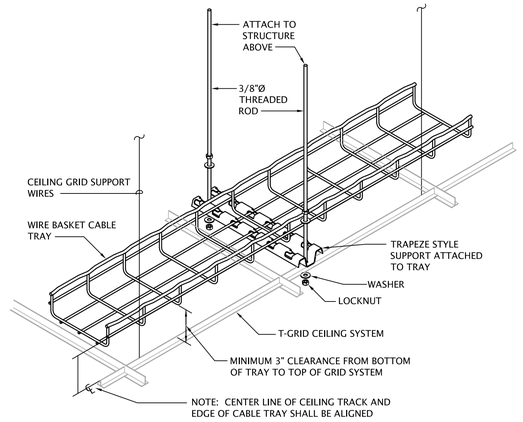
785.827.0386 jgr@jgrarchitects.com

Designation: A
Location: Mech Room 109
Voltage: 240/120V-1Ph-3W
Enclosure: NEMA 1
Mounting: Surface
Manufacturer: Square D 'NQ'
Bus Amps: 400A
MCB Amps: 400/2
AIC Rating: 22 kAIC Series Rated
Other: Service Entrance Rated 200/2 Sub-Feed Breaker

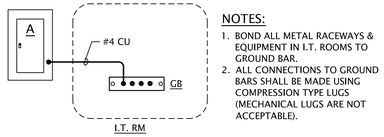
Circuit #	Load Description	Conductors	C/B Size	C/B Size	Conductors	Load Description	Circuit #
1	Condensing Unit 'CU-1'	2#10,#10G	25 / 2	20 / 1	2#12,#12G	RCPT: 110, 112, 113	2
3				20 / 1	2#12,#12G	RCPT: W. IT Room	4
5	Condensing Unit 'CU-2'	2#8,#10G	35 / 2	20 / 1	2#12,#12G	RCPT: S. IT Room	6
7				20 / 1	2#12,#12G	RCPT: W. IT Room	8
9	Condensing Unit 'CU-3'	2#8,#10G	35 / 2	20 / 1	2#12,#12G	RCPT: N. IT Room	10
11				20 / 1	2#12,#12G	RCPT: Office 106	12
13	Condensing Unit 'CU-4'	2#10/#10G	25 / 2	20 / 1	2#12,#12G	Customer Terminal	14
15				20 / 1	2#12,#12G	ATM Machine	16
17	Condensing Unit 'CU-5'	2#10,#10G	25 / 2	20 / 1	2#12,#12G	RCPT: W. Teller	18
19				20 / 1	2#12,#12G	RCPT: E. Teller	20
21	Heat Pump 'OU-1'	2#12,#12G	15 / 2	20 / 1	2#12,#12G	Deal Drawer	22
23				20 / 1	2#12,#12G	Teller Window	24
25	Furnace 'F-3'	2#12,#12G	15 / 1	20 / 1	2#12,#12G	RCPT: Work 104	26
27	Furnace 'F-4'	2#12,#12G	15 / 1	20 / 1	2#12,#12G	RCPT: Work Printer	28
29	Furnace 'F-5'	2#12,#12G	15 / 1	20 / 1	2#12,#12G	RCPT: Work Counter	30
31	Water Heater 'WWH'	2#10,#10G	30 / 2	20 / 1	2#12,#12G	RCPT: Office 103	32
33				20 / 1	2#12,#12G	RCPT: Mech Rm 107	34
35	LTS: Lobby, Tellers	2#12,#12G.	20 / 1	20 / 1	2#12,#12G	Lobby Sign	36
37	LTS: W. & N. Offices, Toilets	2#12,#12G.	20 / 1	20 / 1	---	SPARE	38
39	RADON FAN	2#12,#12G.	20 / 1	20 / 1	---	SPARE	40
41	SPARE	---	20 / 1	20 / 1	---	SPARE	42
43	SPARE	---	20 / 1	20 / 1	---	SPARE	44
45	SPARE	---	20 / 1	20 / 1	---	SPARE	46
47	SPARE	---	20 / 1	---	---	BLANK	48
49	SPARE	---	20 / 1	---	---	BLANK	50
51	SPARE	---	20 / 1	30 / 2	2#10,#10G	TVSS	52
53	SPARE	---	20 / 1				54

Designation: B
Location: Mech Room 122
Voltage: 240/120V-1Ph-3W
Enclosure: NEMA 1
Mounting: Surface
Manufacturer: Square D 'NQ'
Bus Amps: 225A
MCB Amps: MLO
AIC Rating: 10 kAIC
Other:

Circuit #	Load Description	Conductors	C/B Size	C/B Size	Conductors	Load Description	Circuit #
1	RCPT: Office 102	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Work 115	2
3	RCPT:Vestibule/Entry	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Work Printer	4
5	Vestibule 'EWH'	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Work Counter	6
7	RCPT: Office 122	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Break Rm	8
9	RCPT: Office 123	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Break Rm Fridge	10
11	RCPT: Lobby Floor Box	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Break Rm Microwave	12
13	RCPT: Lobby CT, Fridge	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Break Counter	14
15	RCPT: Lobby CT, TV	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Break Counter	16
17	RCPT: Lobby Tellers	2#12,#12G	20 / 1	20 / 1	2#12#12G	Conf. UC Fridge	18
19	Soffit/Drive Thru Lights	2#12,#12G	20 / 1	20 / 1	2#12#12G	Conf. AV Cabinet	20
21	Building Sign	2#12,#12G	20 / 1	20 / 1	2#12#12G	Conf. Counter, TV	22
23	Site Pole Lights	2#10,#10G	20 / 1	20 / 1	2#12#12G	RCPT: Conf. Floor Box, East Wall	24
25	Bank Pole Sign	2#10,#10G	60 / 1	20 / 1	2#12#12G	RCPT: Conf. West, North	26
27	ATM Sign	2#10,#10G	20 / 1	15 / 1	2#12#12G	Furnace 'F-2'	28
29	LTS: N. Offices, Conf, Break, Work Rm	2#12,#12G	20 / 1	15 / 1	2#12#12G	Furnace 'F-1'	30
31	RCPT: Office 121	2#12,#12G	20 / 1	20 / 1	2#12#12G	RCPT: Mech Rm 119	32
33	RCPT: Office 120	2#12,#12G	20 / 1	20 / 1	---	SPARE	34
35	SPARE	---	20 / 1	20 / 1	---	SPARE	36
37	SPARE	---	20 / 1	20 / 1	---	SPARE	38
39	SPARE	---	20 / 1	20 / 1	---	SPARE	40
41	SPARE	---	20 / 1	20 / 1	---	SPARE	42

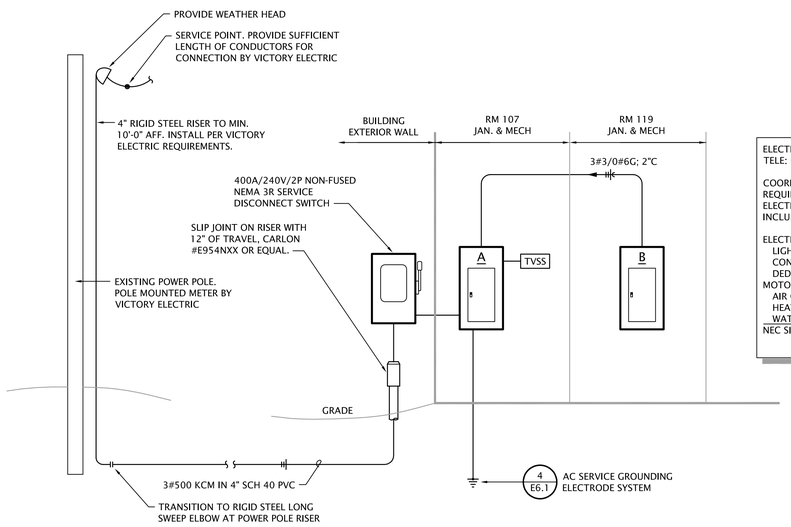


3 WIRE BASKET TRAY ABOVE CEILING
No Scale



NOTES:
1. BOND ALL METAL RACEWAYS & EQUIPMENT IN I.T. ROOMS TO GROUND BAR.
2. ALL CONNECTIONS TO GROUND BARS SHALL BE MADE USING COMPRESSION TYPE LUGS (MECHANICAL LUGS ARE NOT ACCEPTABLE).

4 TELECOM GROUNDING & BONDING DIAGRAM
No Scale



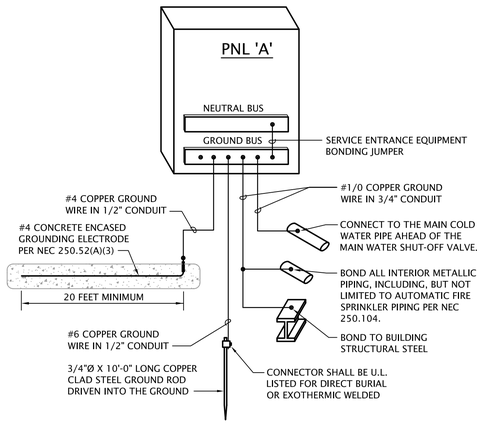
ELECTRIC COMPANY: VICTORY ELECTRIC
TELE: 620-227-2139

COORDINATE RESPONSIBILITIES AND REQUIREMENTS FOR SERVICE WITH VICTORY ELECTRIC AND PAY ASSOCIATED FEES INCLUDING NEW TRANSFORMER COST.

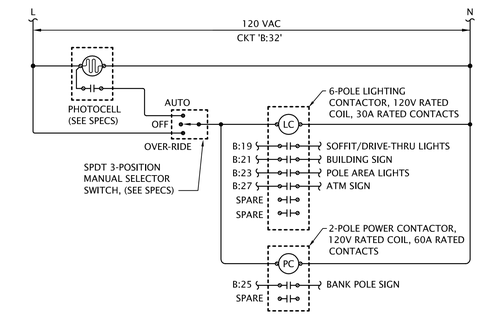
ELECTRIC LOAD SUMMARY:

LIGHTING:	11.5KVA
CONV. RECEPTACLES:	14.1 KVA
DEDICATED OUTLETS:	12.8 KVA
MOTORS:	5.8 KVA
AIR CONDITIONING:	18.3 KVA
HEAT PUMPS:	2.3 KVA
WATER HEATER:	4.5 KVA
NEC SIZING LOAD:	69.3 KVA
	289A @ 120/240V-1PH, 3W

1 ELECTRICAL RISER DIAGRAM
No Scale



2 SERVICE GROUNDING ELECTRODE SYSTEM DIAGRAM
No Scale



PROVIDE UN-SWITCHED 'HOT' CONDUCTOR FOR CIRCUIT B:19 EMERGENCY LIGHTING UNITS TYPE 'E2'

5 EXTERIOR LIGHTING CONTROL DIAGRAM
No Scale

ASTRA BANK
BANK - NEW FACILITY
DODGE CITY, KANSAS

CRAIG TREMPER 13396 08-28-2025 REGISTERED PROFESSIONAL ENGINEER KANSAS

REVISION:

DATE: 08–28–2025
JOB: 25–3515
SHEET NO.:

E6.1

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