

Grant 10's;
sidewalk bikeway

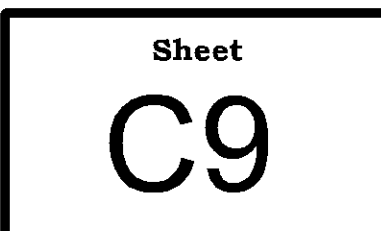
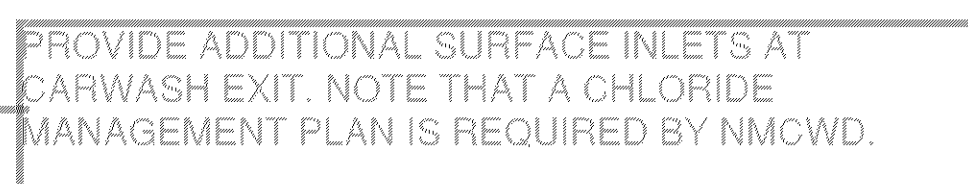
REFERENCE NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO BACK OF CURB.

LEGEND

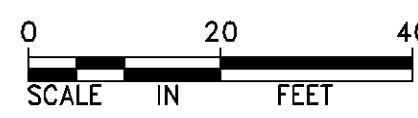
-
- A diagram showing a V-shaped structure. Two circular weights are suspended from the ends of the V. A horizontal line connects the two upper points of the V. The structure is labeled with a circled '1' at the bottom vertex.

Sheet
C8



LEGEND

- — — — — EXISTING CONTOUR
- — — — — PROPOSED CONTOUR
- ===== EXISTING CURB & GUTTER
- ===== PROPOSED SURMOUNTABLE CURB & GUTTER
- ===== PROPOSED SURMOUNTABLE TIPOUT CURB & GUTTER
- ===== PROPOSED B618 CURB & GUTTER
- ===== PROPOSED B618 TIPOUT CURB & GUTTER
- > > — EXISTING STORM SEWER
- >> — PROPOSED STORM SEWER
- I — EXISTING WATERMAIN
- X — EXISTING FENCE
- ||||| PROPOSED GRADING LIMITS
- 25.00' PROPOSED SLOPE
- ⚡ HP 910.00 PROPOSED HIGH POINT
- ⚡ MP 910.00 PROPOSED MATCH POINT
- ⚡ LP 910.00 PROPOSED LOW POINT
- ⚡ TS 910.00 PROPOSED TOP OF SLAB
- ⚡ 910.00 PROPOSED GUTTER LINE OR FINISHED GROUND ELEVATION



- ① STORM DRAIN PER MECH. / ARCH. PLANS
- ② CONNECT ROOF DOWNSPOUT TO PVC PIPE PER PLUMBING PLANS.
- ③ NYLOPLAST CATCH BASIN AND CASTING

CAR WASH
200 WEST 98TH STREET
BLOOMINGTON, MINNESOTA

PXXX

NOT FOR RECORD

JEFFREY A. PRASCH, P.E.

03/16/22 LIC. NO.: 52708



CHRISTIANSON
C O M P A N I E S

PH. (701) 281-9500
FAX (701) 281-9501

4609 33RD AVE. S.
SUITE 400
FARGO, ND 58104

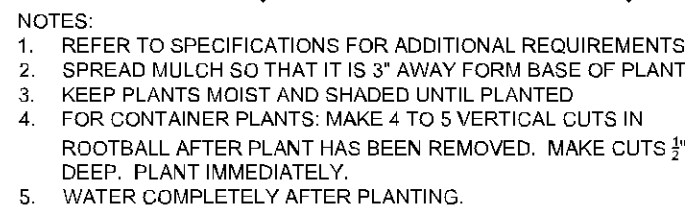


PH. (701) 499-0212
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SHEET DESCRIPTION:

UTILITY PLAN

Sheet
C10



NOT TO SCALE



NOT TO SCALE



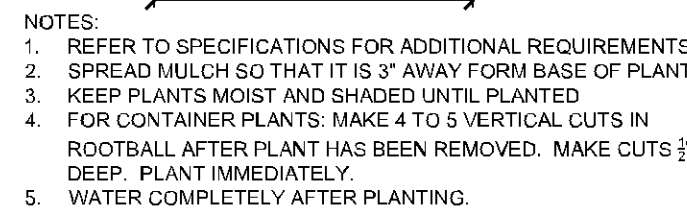
(H16) EDGING DETAIL

NOT TO SCALE



(K15) PLANTING BED SOIL REPLACEMENT DETAIL

NOT TO SCALE



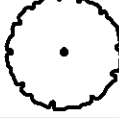
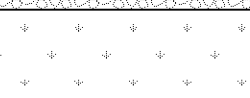
NOT TO SCALE

1. ALL ROCK PLANTING BEDS SHALL BE PROVIDED WITH DRIP IRRIGATION.
2. ALL SOD AREAS SHALL BE PROVIDED WITH WITH A POP-UP IRRIGATION SYSTEM SPACED TO ADEQUATELY WATER ALL TURF AREAS - INCLUDING BOULEVARD.

-  PATCH EXISTING TURF AREAS WITH HYDROSEED.
 25' SIGHT TRIANGLES.
 IRRIGATION SLEEVE.

1	2" TO 5" ROCK OVER 2 LAYERS OF MIRAFI 500X OR APPROVED EQUAL FABRIC WEED BARRIER.
2	SOD.
3	4" PVC IRRIGATION PIPE SLEEVE COORDINATE W/ PAVING CONTRACTOR.
4	PROVIDE CONCRETE LANDSCAPING EDGING (S.D. H16).
5	PROVIDE 1.5" PRESSURE VACUUM BREAKER FOR IRRIGATION SYSTEM.
6	GRANULAR FILL AND GEOFABRIC IN PLANTING BEDS REMOVE BY EARTHWORK CONTRACTOR (S.D. K15).

3. ALL PLANTINGS SHALL HAVE MULCH RING AROUND BASE AS DETAILED.
2. THOROUGHLY WATER ALL PLANTING BEDS TWICE IN THE FIRST 48 HOURS.
3. THE LANDSCAPE PLAN AND DETAIL SHEET ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE GRADING, UTILITIES, AND OTHER RELATIVE PLANS FOR ALL OTHER INFORMATION.
4. THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND OTHER SITE FACTORS.
5. COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING, AND UTILITY PLANS FOR STORM, SANITARY, AND WATER LINES. SEE LIGHTING PLAN FOR ELECTRICAL AND LIGHTING LAYOUT AND DETAILS. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
6. LANDSCAPE PLANTING BEDS MUST BE FREE DRAINING. PAVEMENT, COMPACTED SUBGRADE, AND ANY ROCK SHALL BE REMOVED FROM WITHIN BEDS TO BE LANDSCAPED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS, SPECIFICATIONS, OR RECOMMENDED BY LANDSCAPE CONTRACTOR. REPLACE SOIL WITHIN ISLANDS WITH MODERATELY COMPACTED LOCAL SOIL FREE FROM STONES AND RUBBISH 1" OR GREATER IN DIAMETER, AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT. PLANTING INSTALLATION WITHIN ISLANDS SHALL BE AS DETAILED AND CONTAIN PLANTING MIX AS SPECIFIED.
7. APPLY FERTILIZER, SULPHUR, LIME, ETC. AS RECOMMENDED BY LANDSCAPE CONTRACTOR AND/OR SOIL ANALYSIS.
8. TREES AND SHRUBS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED AND HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCATION OF THE PROJECT. THEY SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL HABIT OF GROWTH. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF DISEASE, INSECT PESTS, EGGS, OR LARVAE. THEY SHALL HAVE HEALTHY AND WELL-DEVELOPED ROOT SYSTEMS. ALL TREES SHALL HAVE STRAIGHT SINGLE TRUNKS WITH THEIR MAIN LEADER INTACT UNLESS OTHERWISE STATED. THE LANDSCAPE DESIGNER SHALL ONLY PERMIT SUBSTITUTIONS UPON WRITTEN APPROVAL. THEIR SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED ON THE DRAWINGS MAY BE USED IF APPROVED. THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE.

TREES (S.D. F16)	CODE	BOTANICAL / COMMON NAME	SIZE	METHOD	QTY
	ACE ABZ	Acer x freemanii 'Jeffersred' TM Autumn Blaze Freeman Maple	1.5" Cal.	Container	4
	MAL PRA	Malus x 'Prairifire' Prairifire Crabapple	1.5" Cal.	Container	3
	SOR DEC	Sorbus decora Snowy Mountain Ash	2" Cal.	Container	3
SHRUBS (S.D. C16)	CODE	BOTANICAL / COMMON NAME	SIZE	METHOD	QTY
	COR FL2	Cornus sericea 'Flaviramea' Yellow Twig Dogwood	2 gal.	Container	5
	COR FA4	Cornus sericea 'Farrow' TM Arctic Fire Red Twig Dogwood	2 gal.	Container	5
	HYD J23	Hydrangea paniculata 'Jane' TM Little Lime Panicle Hydrangea	2 gal.	Container	8
	PHY DON	Physocarpus opulifolius 'Donna May' TM Little Devil Dwarf Ninebark	2 gal.	Container	8
	RIB ALP	Ribes alpinum Alpine Currant	2 gal.	Container	41
	ROS 478	Rosa x 'Champlain' Champlain Shrub Rose	2 gal.	Container	3
PERENNIALS(S.D. C12)	CODE	BOTANICAL / COMMON NAME	SIZE	METHOD	QTY
	CAL KAR	Calamagrostis x acutiflora 'Karl Foerster' Karl Foerster Feather Reed Grass	2 gal.	Container	15
	MIS AUT	Miscanthus purpurascens 'Autumn Red' Autumn Red Flame Grass	2 gal.	Container	6
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	METHOD	QTY
	ROCK	River Rock	2-5"	--	1,893 sf
	SOD	Turf Sod	--	--	8,916 sf

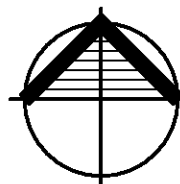
ONE TREE PER 2,500 SQ FT OF DEVELOPABLE LANDSCAPING AREA 13,325 SQFT/2,500= 5.3	5 TREES REQUIRED 10 TREES PROVIDED
ONE SHRUB PER 1,000 SQ FT OF DEVELOPABLE LANDSCAPING AREA 13,325 SQFT/1,000= 13.3	13 SHRUBS REQUIRED 70 SHRUBS PROVIDED
UP TO 50% OF THE REQUIRED SHRUBS MAY BE PERENNIAL PLANTS.	
FOUR PERENNIAL PLANTS EQUAL ONE SHRUB. (21 PERENNIALS / 4 = 5.25 SHRUBS)	+5 ADDITIONAL SHRUBS
NO MORE THAN ONE-HALF OF THE TREES TO BE PLANTED MAY BE FROM ANY ONE SPECIES.	
NO MORE THAN 15% OF THE REQUIRED TREE INCHES MAY BE OF ORNAMENTAL SPECIES.	

Developable area is 46,859 square feet. 19 trees and 47 shrubs required



(K6) LANDSCAPE PLAN

SCALE: 1" = 20'



S:\Paces\Architecture\Projects\21-070 Tommy CW Bloomington MN\Drawings\CD\Civil\Bloomington carwash linework 220207.dwg

[illegible]

CAR WASH
200 W 98TH ST.
BLOOMINGTON, MN 55420

P####



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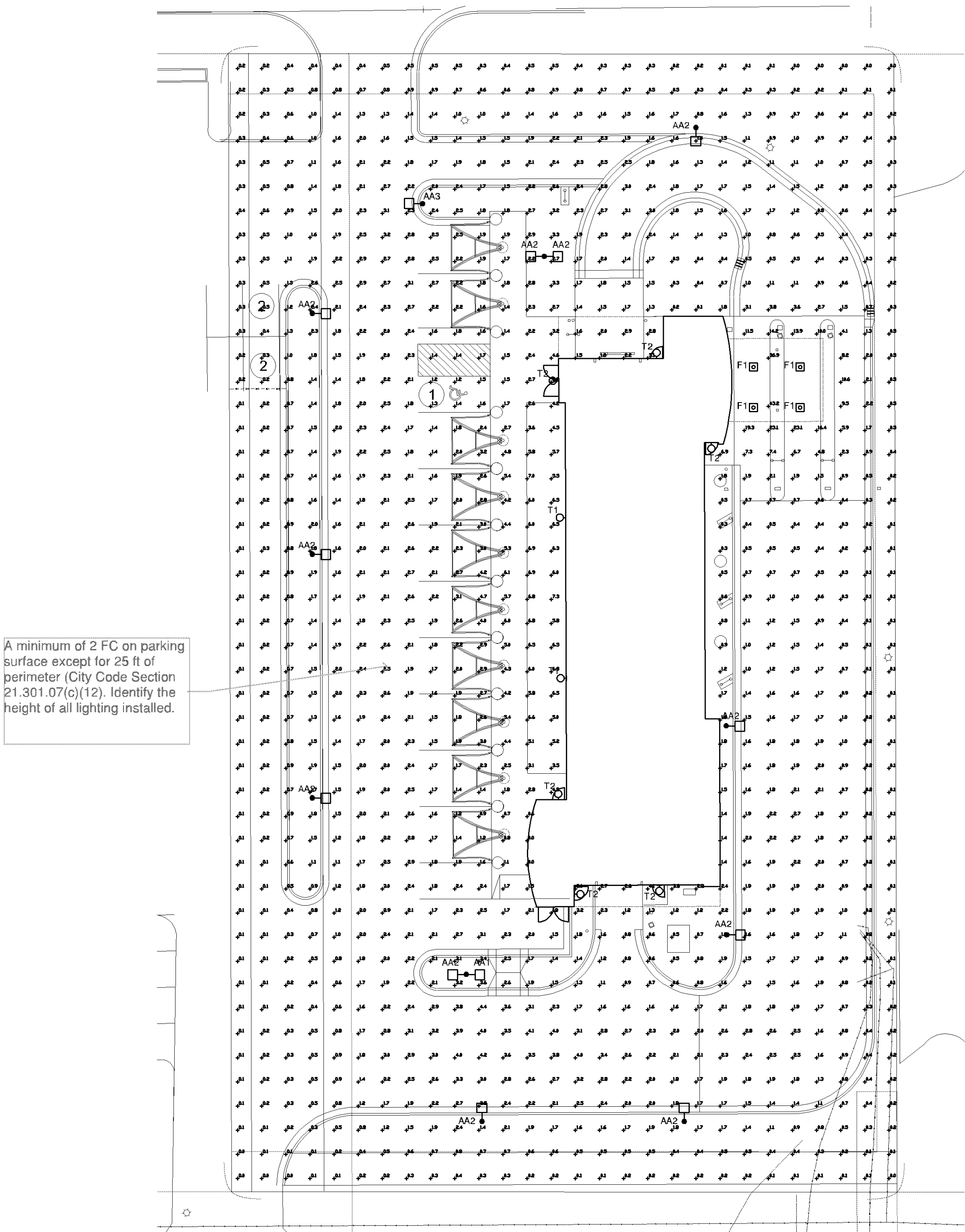
PH. (701) 499-0212
FAX (701) 281-9501

SHEET DESCRIPTION:
LANDSCAPE PLAN

Sheet
L1.1

PL202200054
PL2022-54

MBN
ENGINEERING
MECHANICAL * ELECTRICAL * CIVIL
503 7TH ST. N, SUITE 200
FARGO, ND 58102
PHONE: 701.478.6336
FAX: 701.478.6340



STATISTICS						
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
CALC ZONE #3	+	2.1 f _c	47.0 FC	0.0 FC	N/A	N/A

SCHEDULE								
SYMBOL	LABEL	QTY	MANUFACTURER	DESCRIPTION	NUMBER LAMPS	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	F1	4	CREE INC	CANOPY FIXTURE WITH FLAT LENS	1	7597	0.81	60
	T1	2	CREE INC	LED WALL PACK	1	15251	0.81	134
	T2	6	BARRON LIGHTING GROUP	LED WALL PACK	1	10483	0.81	101
	AA1	1	CREE INC	AREA LUMINAIRE, TYPE IV MEDIUM W/ BACKLIGHT SHIELD	1	657	0.81	6
	AA2	11	CREE INC	AREA LUMINAIRE, TYPE II MEDIUM W/ BACKLIGHT SHIELD	1	6075	0.81	60
	AA3	1	CREE INC	AREA LUMINAIRE, TYPE IV MEDIUM W/ BACKLIGHT SHIELD	1	4550	0.81	48

At the time of building permit submittal, must provide an Initial at-grade photometric plan of 1.0 LLF required as well as the 0.81 LLF, signed by a certified EE or LC professional. (City Code Section 21.301.07(b)).

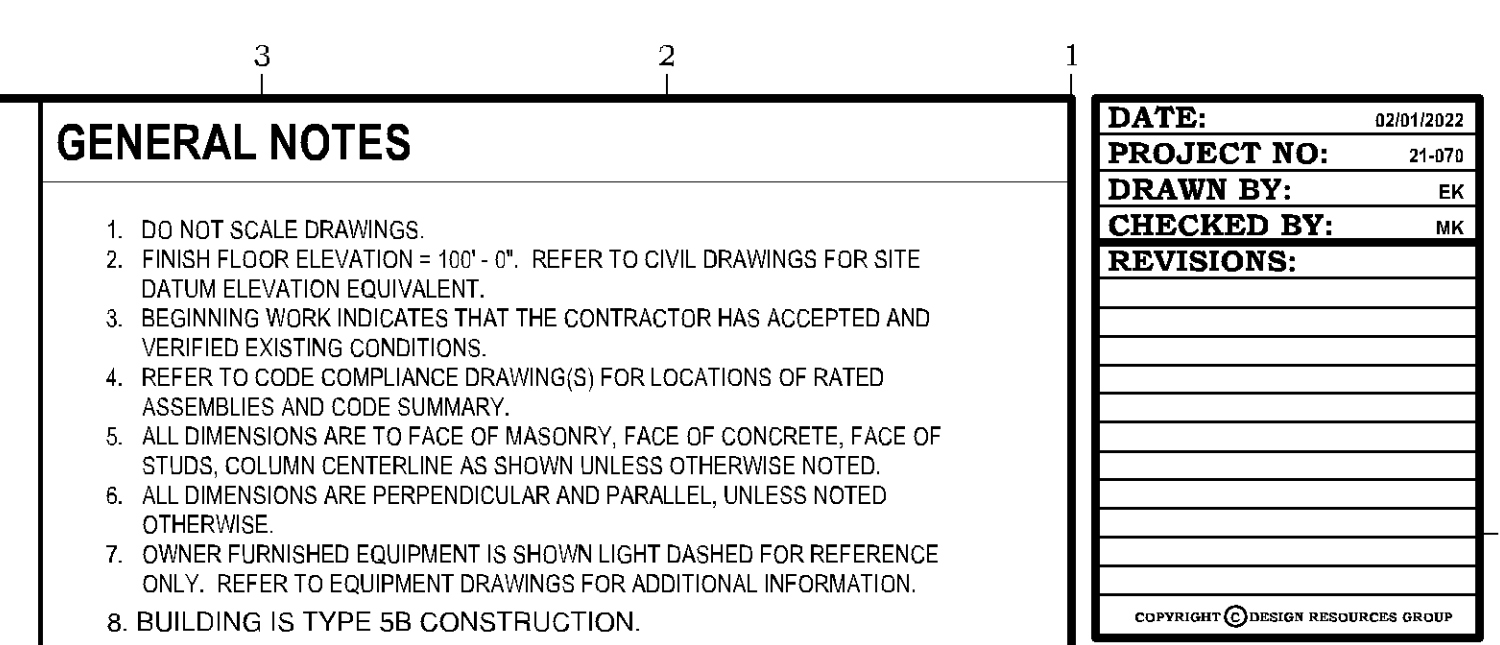
PRELIMINARY
NOT FOR CONSTRUCTION
Mar 07, 2022 7:59AM

1 SITE PLAN - ELECTRICAL



0' 10' 20' 40'

NORTH



NEW WALL CONSTRUCTION

1. CONSTRUCT ALL WALLS TIGHT TO DECK ABOVE AND EXTEND INTO DECK FLUTES AND WEBS OF STEEL MEMBERS UNLESS OTHERWISE NOTED.
2. PROVIDE DEFLECTION TRACK AT THE TOP OF ALL INTERIOR NON-BEARING METAL STUD WALLS CAPABLE OF ACCOMMODATING 3/4" ROOF/FLOOR DEFLECTION.

S1 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD EACH SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK.

- S1A 3-5/8" METAL STUDS
- S1B 3-5/8" METAL STUDS WITH BATT INSULATION

S2 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD EACH SIDE AND ACOUSTICAL BATT INSULATION. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK.

- S2A 3-5/8" METAL STUDS

S3 METAL STUD FURRING / FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD ONE SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. PROVIDE FRP PANELS IN TOILET ROOMS AS REQUIRED. REFER TO INTERIOR ELEVATIONS FOR HEIGHTS OF FRP AT TOILET ROOMS

- S3A 7/8" METAL HAT CHANNEL
- S3B 1-1/2" METAL STUDS
- S3D 3-5/8" METAL STUDS
- S3E 6" METAL STUDS

S4 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD ONE SIDE. ACOUSTICAL BATT INSULATION, AND 1/2" EXTERIOR GRADE PLYWOOD WITH WATER RESISTIVE BARRIER AND 1/2" PVC PANELS INSTALLED ON WASH TUNNEL SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK.

- S4E 6" METAL STUDS

S5 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" EXTERIOR GRADE PLYWOOD AND WATER RESISTIVE BARRIER ONE SIDE AND 5/8" GYPSUM BD W/ FRP PANELS ON TOILET ROOM SIDE, REFER TO INTERIOR ELEVATION FOR HEIGHTS OF FRP. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. UNLESS NOTED OTHERWISE

- S5B 6" METAL STUDS

S6 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" EXTERIOR GRADE PLYWOOD ONE SIDE AND 1/2" EXTERIOR GRADE PLYWOOD WITH WATER RESISTIVE BARRIER AND 1/2" PVC WALL PANEL. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. UNLESS NOTED OTHERWISE

- S6A 3-5/8" METAL STUDS
- S6B 6" METAL STUDS

S7 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" EXTERIOR GRADE PLYWOOD ONE SIDE AND 5/8" GYPSUM BD W/ FRP PANELS ON TOILET ROOM SIDE, REFER TO INTERIOR ELEVATION FOR HEIGHTS OF FRP. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. UNLESS NOTED OTHERWISE

- S7A 3-5/8" METAL STUDS

S8 DEMOUNTABLE PVC WALL PANEL SYSTEM FURNISHED AND INSTALLED BY G.C.

- S8A 2-1/4" THICK X 24" WIDE TONGUE & GROOVE PANEL
- S8B 2-1/4" THICK X 24" WIDE TONGUE @ GROOVE PANEL REF. DETAIL #A302

S9 METAL FURRING HORIZONTAL INSTALLATION 24" O.C. W/ 5/8" CDX PLYWOOD WITH WATER RESISTIVE BARRIER AND 1/2" THICK PVC PANEL

- S9A 7/8" METAL HAT CHANNEL HORIZONTAL INSTALL 24" O.C.

S10 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" CDX PLYWOOD ONE SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF STRUCTURE ABOVE.

- S10A 3-5/8" METAL STUDS
- S10B 6" METAL STUDS

S11 METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD EACH SIDE. EXTEND ALL WALL COMPONENTS TO 3'-6" ABOVE UPPER STAIR NOSING

- S11A 3-5/8" METAL STUDS

NOTE: ALL PVC WALL PANELS ARE FURNISHED AND INSTALLED BY G.C.

	EXIT/EXIT ACCESS WITH CAPACITY SERVED
	DIRECTION OF EGRESS INCLUDING SECONDARY EXIT/EXIT ACCESS
	OCCUPANT LOAD OF SPACE AND BASIS FOR CALCULATION XXXXX SF
	REQUIRED EGRESS WIDTH PROVIDED EGRESS WIDTH
	WALL MOUNTED FIRE EXTINGUISHER CLASS A Ordinary (Moderate) Hazard Occupancy 2A-10B EXTINGUISHER. CONTRACTOR TO VERIFY LOCATION WITH FIRE INSPECTOR PRIOR TO INSTALLATION. 75' TRAVEL DISTANCE MAXIMUM.
	WALL MOUNTED CLEAN AGENT FIRE EXTINGUISHER, AMEREX 5LB CHROME HALOTRON w/ BRACKET. CONTRACTOR TO VERIFY LOCATION WITH FIRE INSPECTOR PRIOR TO INSTALLATION. 75' TRAVEL DISTANCE MAXIMUM.

BUILDING SIGNS - TOILET ROOMS 6'W X 9'H
 BLACK PLASTIC (FIELD) BACKGROUND WITH WHITE
 EMBLEMS AND 3/8" MIN. TO 2" MAX. HIGH WHITE LETTERING.
 (NOTE: EMBLEMS AND LETTERING MUST BE RAISED OR
 DEPRESSED MIN 1/16" TYPICAL) PROVIDE (1) SIGN PER
 TOILET ROOM COMPLYING WITH ANSI A117.1.
 SIGN TO HAVE RAISED AND BRAILLE CHARACTERS AND
 PICTORIAL SYMBOL OF ACCESSIBILITY. MOUNT NEAR
 CORRESPONDING DOOR ACCORDING TO LOCAL CODE.



P####

**NOT FOR
CONSTRUCTION**



CHRISTIANSON
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FAX (701) 281-9501

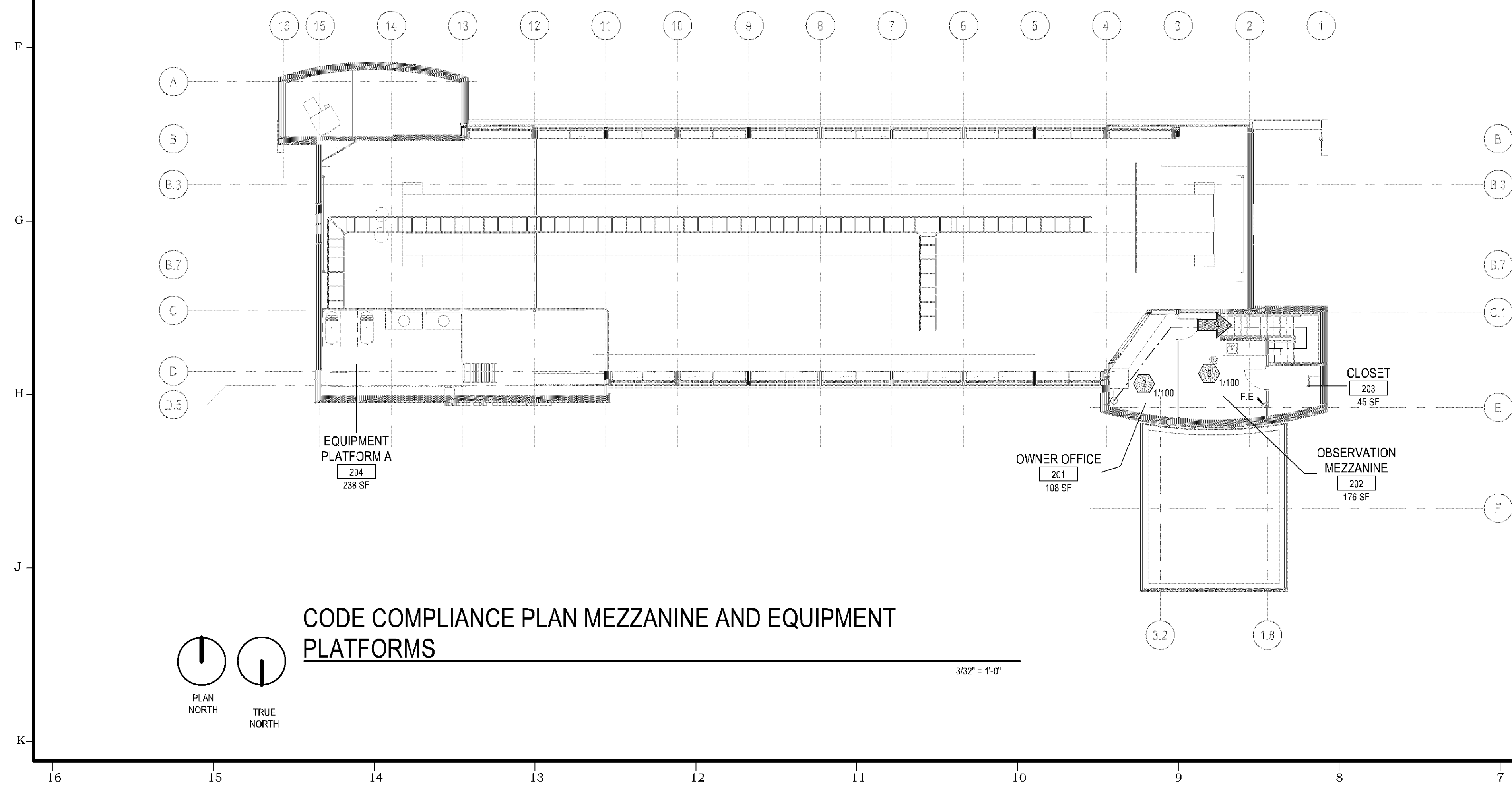
4609 33RD AVE. S.
SUITE 400
FARGO, ND 58104



PH. (701) 499-0212
FAX (701) 281-9501

SHEET DESCRIPTION:
FIRST FLOOR PLAN AND CODE
COMPLIANCE PLAN

Sheet
A101



1. DO NOT SCALE DRAWINGS
2. FINISH FLOOR ELEVATION = 100'. 0". REFER TO CIVIL DRAWINGS FOR SITE DATUM ELEVATION EQUIVALENT.
3. BEGINNING WORK INDICATES THAT THE CONTRACTOR HAS ACCEPTED AND VERIFIED EXISTING CONDITIONS.
4. REFER TO CODE COMPLIANCE DRAWING(S) FOR LOCATIONS OF RATED ASSEMBLIES AND CODE SUMMARY.
5. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF CONCRETE, FACE OF STUDS, COLUMN CENTERLINE AS SHOWN UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS ARE PERPENDICULAR AND PARALLEL, UNLESS NOTED OTHERWISE.
7. OWNER FURNISHED EQUIPMENT IS SHOWN LIGHT DASHED FOR REFERENCE ONLY. REFER TO EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.

NEW WALL CONSTRUCTION

1. CONSTRUCT ALL WALLS TIGHT TO DECK ABOVE AND EXTEND INTO DECK FLUTES AND WEBS OF STEEL MEMBERS UNLESS OTHERWISE NOTED.
2. PROVIDE DEFLECTION TRACK AT THE TOP OF ALL INTERIOR NON-BEARING METAL STUD WALLS CAPABLE OF ACCOMMODATING 3/4" ROOF/FLOOR DEFLECTION.

	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD EACH SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK.
	• S1A 3/58" METAL STUDS
	• S1B 3/58" METAL STUDS WITH BATT INSULATION
S2	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD EACH SIDE AND ACoustICAL BATT INSULATION. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK.
	• S2A 3/58" METAL STUDS
S3	METAL STUD FURRING / FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD ONE SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. PROVIDE FRP PANELS IN TOILET ROOMS AS REQUIRED. REFER TO INTERIOR ELEVATIONS FOR HEIGHTS OF FRP AT TOILET ROOMS.
	• S3A 7/8" METAL HAT CHANNEL
	• S3B 1/12" METAL STUDS
	• S3D 3/58" METAL STUDS
	• S3E 6" METAL STUDS
S4	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD ONE SIDE. ACoustICAL BATT INSULATION, AND 1/2" EXTERIOR GRADE PLYWOOD WITH WATER RESISTIVE BARRIER AND 1/2" PVC PANELS INSTALLED ON WASH TUNNEL SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK.
	• S4E 6" METAL STUDS
S5	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" EXTERIOR GRADE PLYWOOD AND WATER RESISTIVE BARRIER ONE SIDE AND 5/8" GYPSUM BD W/ FRP PANELS ON TOILET ROOM SIDE. REFER TO INTERIOR ELEVATION FOR HEIGHTS OF FRP. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. UNLESS NOTED OTHERWISE
	• S5B 6" METAL STUDS
S6	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" EXTERIOR GRADE PLYWOOD ONE SIDE AND 1/2" EXTERIOR GRADE PLYWOOD WITH WATER RESISTIVE BARRIER AND 1/2" PVC WALL PANEL EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. UNLESS NOTED OTHERWISE
	• S6A 3/58" METAL STUDS
	• S6B 6" METAL STUDS
S7	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" EXTERIOR GRADE PLYWOOD ONE SIDE AND 5/8" GYPSUM BD W/ FRP PANELS ON TOILET ROOM SIDE. REFER TO INTERIOR ELEVATION FOR HEIGHTS OF FRP. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF DECK. UNLESS NOTED OTHERWISE
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S8	DEMOUNTABLE PVC WALL PANEL SYSTEM FURNISHED AND INSTALLED BY G.C.
	• S8A 2-1/4" THICK X 24" WIDE TONGUE & GROOVE PANEL
	• S8B 2-1/4" THICK X 24" WIDE TONGUE @ GROOVE PANEL REF. DETAIL 6/A302
S9	METAL FURRING HORIZONTAL INSTALLATION 24" O.C. W/ 5/8" CDX PLYWOOD WITH WATER RESISTIVE BARRIER AND 1/2" THICK PVC PANEL
	• S9A 7/8" METAL HAT CHANNEL HORIZONTAL INSTALL 24" O.C.
S10	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 1/2" CDX PLYWOOD ONE SIDE. EXTEND ALL WALL COMPONENTS TO UNDERSIDE OF STRUCTURE ABOVE.
	• S10A 3/58" METAL STUDS
	• S10B 6" METAL STUDS
S11	METAL STUD FRAMING 20 GA @ 16" O.C. W/ 5/8" GYPSUM BOARD EACH SIDE. EXTEND ALL WALL COMPONENTS TO 3-5" ABOVE UPPER STAIR NOSING
	• S11A 3/58" METAL STUDS
NOTE: ALL PVC WALL PANELS ARE FURNISHED AND INSTALLED BY G.C.	

100' EXT/EXIT ACCESS WITH CAPACITY SERVED

DIRECTION OF EGRESS INCLUDING SECONDARY EXT/EXIT ACCESS

OCCUPANT LOAD OF SPACE AND BASIS FOR CALCULATION
XXXXXX SF

EXIT
xxx
xxx

REQUIRED EGRESS WIDTH
PROVIDED EGRESS WIDTH

WALL MOUNTED FIRE EXTINGUISHER CLASS A Ordinary (Moderate) Hazard Occupancy 2A-10B EXTINGUISHER. CONTRACTOR TO VERIFY LOCATION WITH FIRE INSPECTOR PRIOR TO INSTALLATION. 75' TRAVEL DISTANCE MAXIMUM.

WALL MOUNTED CLEAN AGENT FIRE EXTINGUISHER, AMEREX 5LB CHALOTRON w/ BRACKET. CONTRACTOR TO VERIFY LOCATION WITH FIRE INSPECTOR PRIOR TO INSTALLATION. 75' TRAVEL DISTANCE MAXIMUM.

[illegible]

CAR WASH
200 W. 98TH ST.
BLOOMINGTON, MN

P####

**NOT FOR
CONSTRUCTION**



**CHRISTIANSON
COMPANIES**

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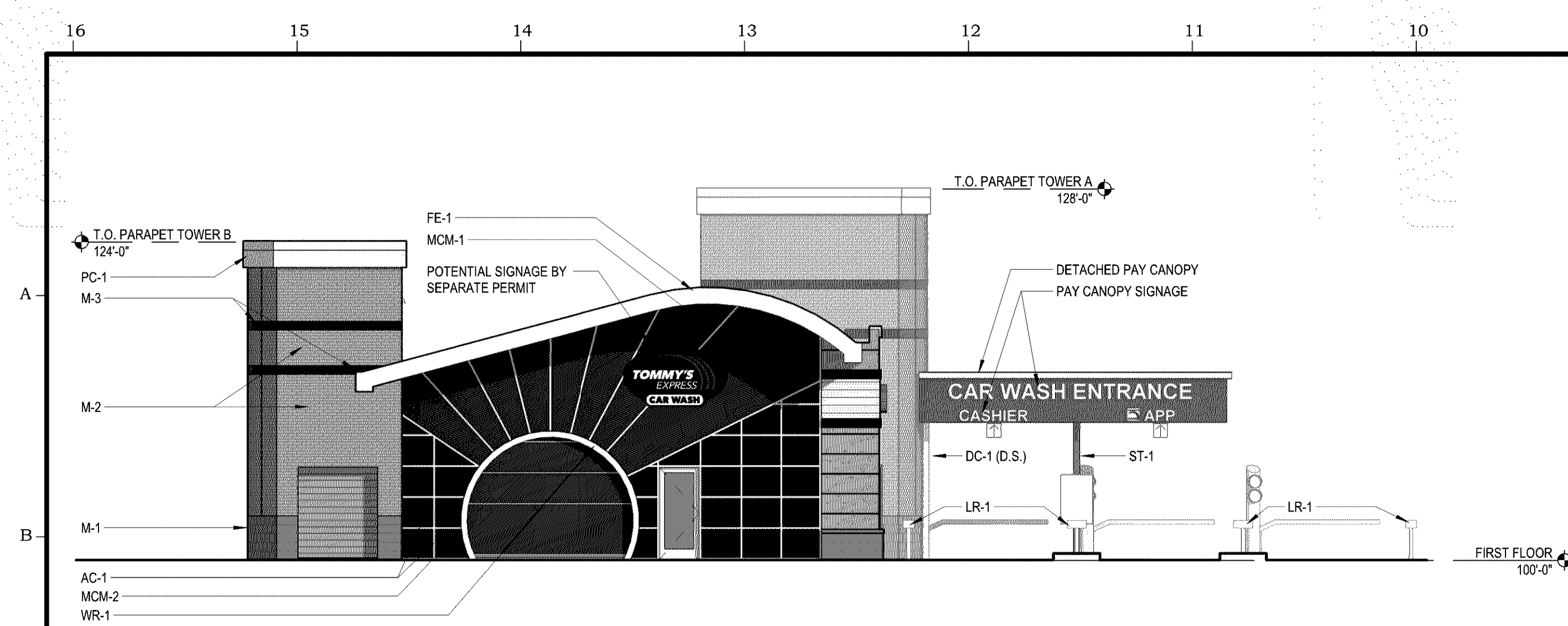
**4609 33RD AVE. S.
SUITE 400
FARGO, ND 58104**



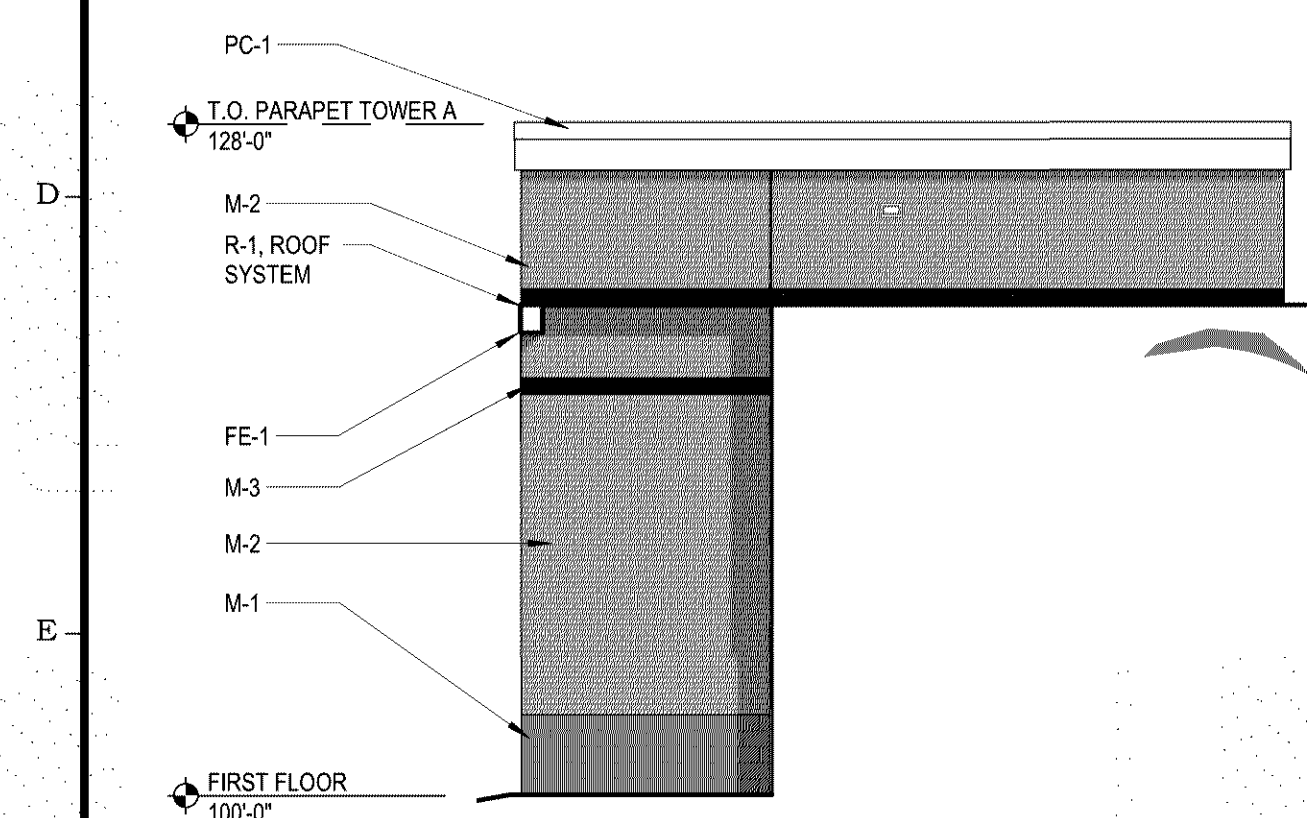
PH. (701) 499-0212
FAX (701) 281-9501

SHEET DESCRIPTION:
MEZZANINE FLOOR PLAN AND
CODE COMPLIANCE PLAN

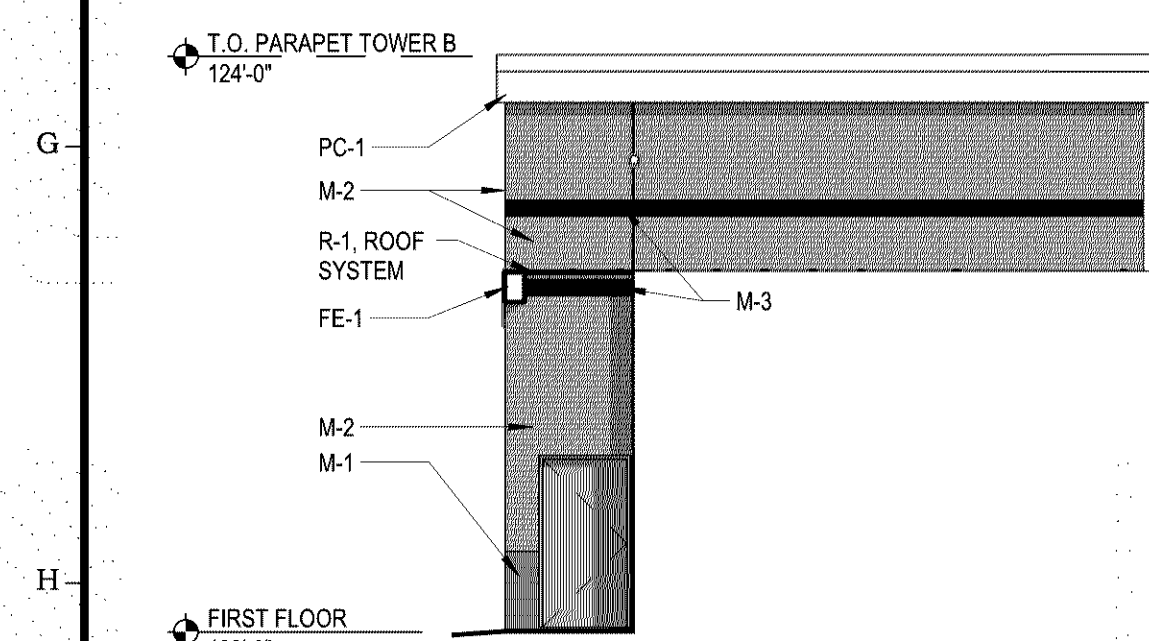
Sheet
A102



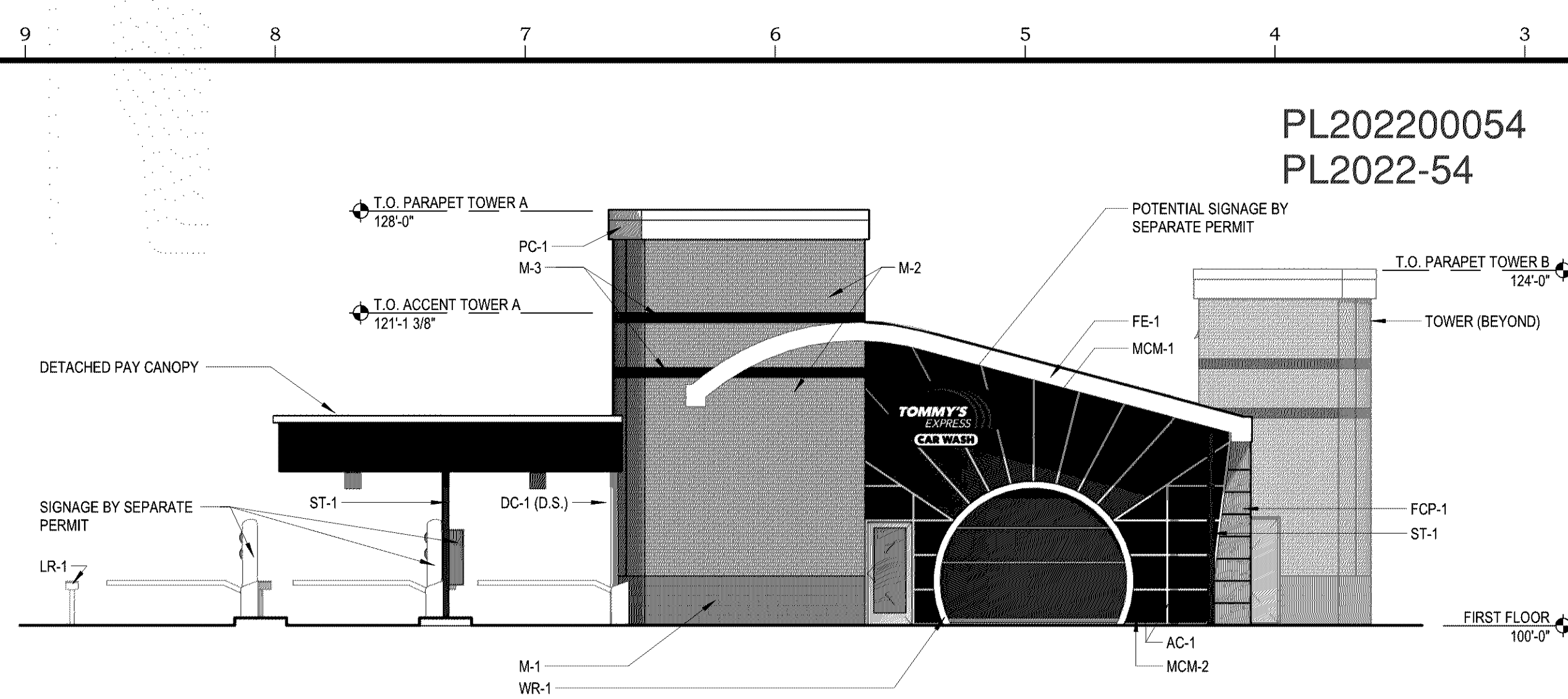
1 EXIT END ELEVATION
A101 1/8" = 1'-0"



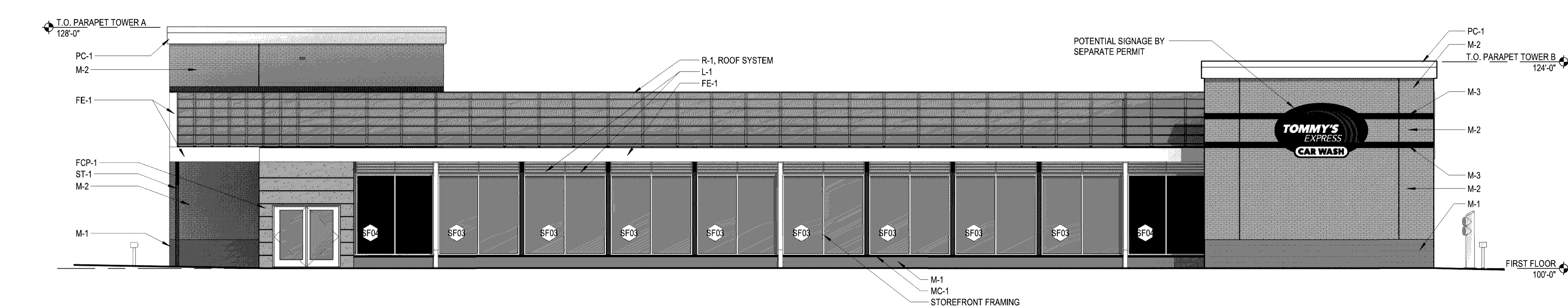
3 BACK ELEVATION AT TOWER A Copy 1
A101 1/8" = 1'-0"



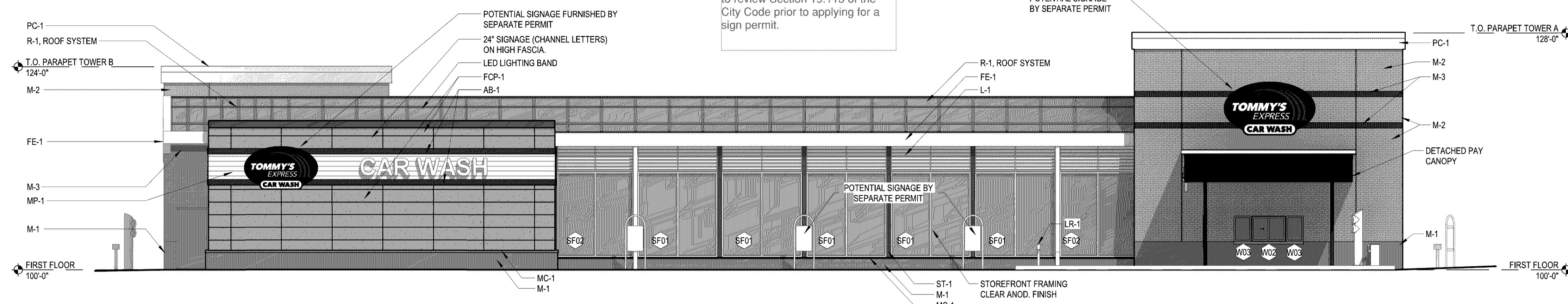
5 FRONT ELEVATION AT TOWER B Copy 1
A101 1/8" = 1'-0"



2 ENTRY END ELEVATION
A101 1/8" = 1'-0"



4 BACK ELEVATION
A101 1/8" = 1'-0"

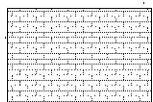
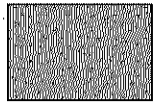
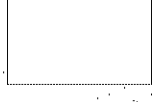
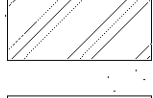
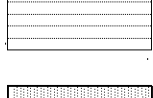
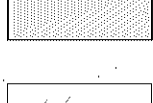
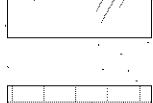
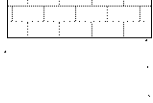


6 FRONT ELEVATION
A101 1/8" = 1'-0"

TAG	MATERIAL	MANUFACTURER	DESCRIPTION	COLOR	FURNISHED BY	INSTALLED BY	TAG	MATERIAL	MANUFACTURER	DESCRIPTION	COLOR	FURNISHED BY	INSTALLED BY
ST-1	STRUCTURAL STEEL	RB1	POWDER COATED STRUCTURAL STEEL	RAL 3001	TOMMY'S	TOMMY'S	AC-1	PREFIN. ALUM. CLOSURE CAPS	TUBELITE	TUBELITE 200 SERIES STOREFRONT	CLEAR ANNOZIDED	TOMMY'S	SUBCONTRACTOR
MP-1	PROFILED ALUMINUM METAL PANEL	ATAS	ATAS 7.2 BWR360 BELVEDERE	SILVERSMITH	TOMMY'S	SUBCONTRACTOR	SF01, SF02, SF03	PREFIN. ALUM. STOREFRONT WITH INSULATED GLASS	KAWNEER	1" INSULATED GLASS LOW-E	CLEAR ANNOZIDED	G.C.	SUBCONTRACTOR
M-1	SPLIT-FACE CMU	CONSUMERS	4" VENEER SPLIT-FACED	ASH (MORTAR TO MATCH)	G.C.	SUBCONTRACTOR							
M-2	BRICK	GLEN-GREY	KLAYCOAT; STANDARD MODULAR; RUNNING BOND	STONE GRAY	SUBCONTRACTOR	SUBCONTRACTOR	SF04	PREFIN. ALUM. STOREFRONT WITH METAL PANEL INFILL	KAWNEER/ CITADEL	1" GLAZE GUARD 1000 WR+ PANEL INFILL SEE DETAIL ON A602	CLEAR ANNOZIDED FRAMES/ EBOONY INFILL PANELS	G.C.	SUBCONTRACTOR
M-3	BRICK	GLEN-GREY	GLAZED; STANDARD MODULAR; SOLDIER COURSE	GLAZED	SUBCONTRACTOR	SUBCONTRACTOR							
MC-1	SMOOTH OR SPLIT-FACE CMU		CMU CAP	MATCH CMU COLOR	G.C.	SUBCONTRACTOR	DC-1	PREFINISHED ALUMINUM	ALPOLIC	4MM MCM PANELS DOWNSPOUT COVER	METALLIC SILVER	TOMMY'S	TOMMY'S
FCP-1	FIBER CEMENT PANELS	NICHIHA	ARCHITECTURAL BLOCK SERIES 18" H x 72" W	GRAY	G.C.	SUBCONTRACTOR	LR-1	LICENSE PLATE READER	TOMMY'S	BOLLARD	STAINLESS STEEL	TOMMY'S	SUBCONTRACTOR
AB-1	PREFIN. ALUM. ACCENT BANDING	ATAS	ATAS FLAT SHEET	BLACK	TOMMY'S	SUBCONTRACTOR	WR-1	PREFIN. ALUM. COMPOSITE PANELS	ARCONIC	MCM WRAP COVER FOR STEEL RING	CLEAR ANNOZIDED	TOMMY'S	SUBCONTRACTOR
PC-1	PREFIN. ALUM. PARAPET CORNICE	ARCONIC	REYNOBOND COMPOSITE PANELS	BRIGHT SILVER METALLIC	TOMMY'S	SUBCONTRACTOR	FE-1	FASCIA / EAVE	ALPOLIC	4MM MCM PANELS AT EAVES AND FASCIA	METALLIC SILVER	TOMMY'S	TOMMY'S
MCM-1	PREFIN. ALUM. COMPOSITE PANELS	LAMINATORS	LAMINATORS OMEGA SERIES	BRITE RED	TOMMY'S	SUBCONTRACTOR	L-1	PREFIN. ALUM LOUVER	RUSKIN	DRAINABLE LOUVER	CLEAR ANNOZIDED	TOMMY'S	TOMMY'S
MCM-2	PREFIN. ALUM. COMPOSITE PANELS	CITADEL	PVD® (KYNAR) FINISH	EBOONY	TOMMY'S	SUBCONTRACTOR	R-1	ACRYLIC ROOF SYSTEM	ACRYLITE	DRAINABLE ACRYLIC ROOF SYSTEM	COOL BLUE	TOMMY'S	TOMMY'S

Exterior materials must be reviewed.

EXTERIOR MATERIALS LEGEND

	BRICK
	FIBER CEMENT BOARD PANEL
	PREFINISHED METAL COPING
	ALUM. FLAT STOCK (BLACK)
	PROFILED METAL PANEL
	MCM PANEL (RED)
	MCM PANEL (BLACK)
	GLAZING
	SPLIT FACED CONCRETE MASONRY UNIT

[illegible]

CAR WASH
200 W. 98TH ST.
BLOOMINGTON, MN

P####

**NOT FOR
CONSTRUCTION**

CHRISTIANSON
COMPANIES

PH. (701) 281-9500
FAX (701) 281-9501

**4609 33RD AVE. S.
SUITE 400
FARGO, ND 58104**



PH. (701) 499-0212
FAX (701) 281-9501

SHEET DESCRIPTION:
PRESENTATION ELEVATIONS

She

A2.01

Provide emergency vehicle access and circulation throughout the property to accommodate Ladder 3.

1	AIR CONDITIONING CONDENSING UNIT. 3' X 18" CONCRETE PAD. TOP OF CONCRETE TO MATCH FINISH GRADE.
2	APPROVE / GO LIGHT. ATTACH TO CONCRETE. PROVIDED BY OTHERS.
3	BOLLARD. S.D. F15.
4	CAMERA POLE. 18" X 2" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. PROVIDED BY OTHERS.
5	CAMERA POLE. ATTACH TO CONCRETE. PROVIDED BY OTHERS.
6	DIRECTIONAL CLEAN CAR / VACUUM SIGN. 18" X 2" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. SIGN BY OTHERS.
7	DIRECTIONAL ENTRANCE SIGN. 18" X 2" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. SIGN BY OTHERS.
8	DIRECTIONAL EXIT SIGN. 18" X 2" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. SIGN BY OTHERS.
9	FLOODLIGHTS. COORDINATE WITH SITE ELECTRICAL.
10	GATE. ATTACH TO CONCRETE. PROVIDED BY OTHERS.
11	LICENSE PLATE READER. 18" X 2" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. PROVIDED BY OTHERS.
12	LICENSE PLATE READER. ATTACH TO CONCRETE. PROVIDED BY OTHERS.
13	LIGHT POLE. COORDINATE WITH SITE ELECTRICAL.
14	PLYON SIGN (20' TALL). 3' X 8" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. SIGN BY OTHERS. (163 SF)
15	RELAX / GO SIGN. 18" X 2" DEEP SONOTUBE. TOP OF CONCRETE TO MATCH FINISH GRADE. SIGN BY OTHERS.
16	TRANSFORMER PAD. COORDINATE SIZE AND EXACT LOCATION WITH THE ELECTRICAL CONTRACTOR.
17	U-SHAPED SNAP SIGN. 2' X 4.5' CONCRETE PAD 8" THICK AT 60° ANGLE FROM BACK OF CURB. S.D. J14. SIGN BY OTHERS. (9 SF)
18	U-SHAPED SNAP SIGN. 2' X 4.5' CONCRETE PAD 8" THICK. S.D. J14. SIGN BY OTHERS. (9 SF)
19	U-SHAPED SNAP SIGN. ATTACH TO CONCRETE. S.D. J14. SIGN BY OTHERS. (9 SF)

ZONED ____:

TOTAL LOT AREA: 46,855 SF (1.08 ACRES)

BUILDING COVERAGE: (11%) 5,241 SF

PARKING:
8 QUEUING SPACES PER BAY + 1 SPACE PER 375 SQ FT OF GROSS FLOOR AREA
5,241 SQFT / 375 SQFT = 13.976 14 REQUIRED SPACES
PARKING SPACES PROVIDED: 11 PARKING SPACES + 1 ACCESSIBLE



These might be considered freestanding signs. Only one freestanding sign is permitted per street frontage. Please review Section 19.113 for information.

SINGLE GROUND
MOUNT SNAP SIGN

LANDSCAPE MATERIAL
AS SPECIFIED.

SIGN FASTENED TO
CONCRETE BASE
SIGN INSTALLER.

[illegible]

CAR WASH
200 W 98TH ST.
BLOOMINGTON, MN 55420

P####

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SUITE 400
FARGO, ND 58104**



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FAX (701) 281-9501

SHEET DESCRIPTION:
SITE & SIGNAGE PLAN

Sheet

A090

(K6) SITE & SIGNAGE PLAN

SCALE: 1" = 20'

