



*Please check the appropriate box and refer to supplemental forms for submittal requirements. All fees must be paid at the time of application.*

Administrative Decisions	Decisions Requiring a Public Meeting or Hearing	Policy Decisions
<input type="checkbox"/> Archaeological Certificate (Form P3)	<input type="checkbox"/> Site Plan – EPC including any Variances – EPC (Form P1)	<input type="checkbox"/> Adoption or Amendment of Comprehensive Plan or Facility Plan (Form Z)
<input type="checkbox"/> Historic Certificate of Appropriateness – Minor (Form L)	<input type="checkbox"/> Master Development Plan (Form P1)	<input type="checkbox"/> Adoption or Amendment of Historic Designation (Form L)
<input type="checkbox"/> Alternative Signage Plan (Form P3)	<input type="checkbox"/> Historic Certificate of Appropriateness – Major (Form L)	<input type="checkbox"/> Amendment of IDO Text (Form Z)
<input type="checkbox"/> Alternative Landscape Plan (Form P3)	<input type="checkbox"/> Demolition Outside of HPO (Form L)	<input type="checkbox"/> Annexation of Land (Form Z)
<input checked="" type="checkbox"/> Minor Amendment to Site Plan (Form P3)	<input type="checkbox"/> Historic Design Standards and Guidelines (Form L)	<input type="checkbox"/> Amendment to Zoning Map – EPC (Form Z)
<input type="checkbox"/> WTF Approval (Form W1)	<input type="checkbox"/> Wireless Telecommunications Facility Waiver (Form W2)	<input type="checkbox"/> Amendment to Zoning Map – Council (Form Z)
		Appeals
		<input type="checkbox"/> Decision by EPC, LC, ZHE, or City Staff (Form A)

**APPLICATION INFORMATION**

Applicant: Gina Kelly w/ SGA Design Group		Phone: (918)587-8602, ext. 299
Address: 1437 S Boulder Ave - Ste. 550		Email: ginak@sgadesigngroup.com
City: Tulsa	State: OK	Zip: 74119
Professional/Agent (if any):		Phone:
Address:		Email:
City:	State:	Zip:
Proprietary Interest in Site:		List <u>all</u> owners: Wal-Mart

**BRIEF DESCRIPTION OF REQUEST**

Updating Signage, Refreshing Paint w/ minimum blue color, updates to Online Grocery Parking spaces and Signage.

**SITE INFORMATION (Accuracy of the existing legal description is crucial! Attach a separate sheet if necessary.)**

Lot or Tract No.:	Block:	Unit:
Subdivision/Addition:	MRGCD Map No.:	UPC Code:
Zone Atlas Page(s): G21	Existing Zoning: MX-M	Proposed Zoning: MX-M
# of Existing Lots:	# of Proposed Lots:	Total Area of Site (acres):

**LOCATION OF PROPERTY BY STREETS**

Site Address/Street: 11018 Montgomery Blvd NE Between: Montgomery Blvd NE and: Juan Tabo Blvd NE

**CASE HISTORY (List any current or prior project and case number(s) that may be relevant to your request.)**

None was found by my request to Geraldine

Signature:	Date: 05/13/21
Printed Name: Gina Kelly	<input checked="" type="checkbox"/> Applicant or <input type="checkbox"/> Agent

**FOR OFFICIAL USE ONLY**

Case Numbers	Action	Fees	Case Numbers	Action	Fees
SI-2021-005472	AA				

Meeting/Hearing Date:	Fee Total:
Staff Signature:	Date: Project # PR-2021-005472

# FORM P3: ADMINISTRATIVE DECISIONS AND MINOR AMENDMENTS

A single PDF file of the complete application including all plans and documents being submitted must be emailed to [PLNDRS@cabq.gov](mailto:PLNDRS@cabq.gov) prior to making a submittal. Zipped files or those over 9 MB cannot be delivered via email, in which case the PDF must be provided on a CD.

**ARCHEOLOGICAL CERTIFICATE**

- Archaeological Compliance Documentation Form with property information section completed
- Only the information above is required unless the City Archaeologist determines that the application does not qualify for a Certificate of No Effect, in which case a treatment plan prepared by a qualified archaeologist that adequately mitigates any archeological impacts of the proposed development must be submitted and reviewed for a Certificate of Approval per the criteria in IDO Section 14-16-6-5(A)(3)(b)
- Letter of authorization from the property owner if application is submitted by an agent
- Zone Atlas map with the entire site clearly outlined and labeled

**MINOR AMENDMENT TO SITE PLAN – ADMIN, EPC, or DRB**

- Justification letter describing, explaining, and justifying the request per the criteria in IDO Section 14-16-6-4(Y)(2)
- Three (3) copies of all applicable sheets of the approved Site Plan being amended, folded
- Copy of the Official Notice of Decision associated with the prior approval
- Three (3) copies of the proposed Site Plan, with changes circled and noted  
*Refer to the Site Plan Checklist for information needed on the proposed Site Plan.*
- Letter of authorization from the property owner if application is submitted by an agent
- Zone Atlas map with the entire site clearly outlined and labeled

**Minor Amendments must be within the thresholds established in IDO TABLE 6-4-4. Any amendment beyond these thresholds is considered a Major Amendment and must be processed through the original decision-making body for the request.**

**MINOR AMENDMENT TO SITE DEVELOPMENT PLAN APPROVED PRIOR TO THE EFFECTIVE DATE OF THE IDO**

- Justification letter describing, explaining, and justifying the request per the criteria in IDO Section 14-16-6-4(Z)(1)(a)
- Three (3) copies of all applicable sheets of the approved Site Development Plan being amended, folded
- Copy of the Official Notice of Decision associated with the prior approval
- Three (3) copies of the proposed Site Development Plan, with changes circled and noted  
*Refer to the Site Plan Checklist for information needed on the proposed Site Plan.*
- Letter of authorization from the property owner if application is submitted by an agent
- Zone Atlas map with the entire site clearly outlined and labeled

**Minor Amendments must be within the thresholds established in IDO TABLE 6-4-4. Any amendment beyond these thresholds is considered a Major Amendment and must be processed through the original decision-making body for the request.**

**ACCELERATED EXPIRATION SITE PLAN**

- Justification letter describing, explaining, and justifying the request per the criteria in IDO Section 14-16-6-4(X)(2)(c)
- Site Plan to be Expired
- Letter of authorization from the property owner if application is submitted by an agent
- Zone Atlas map with the entire site clearly outlined and labeled

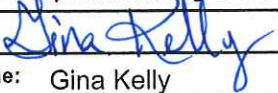
**ALTERNATIVE SIGNAGE PLAN**


- Proposed Alternative Signage Plan compliant with IDO Section 14-16-5-12(F)(5)
- Justification letter describing, explaining, and justifying the request per the criteria in IDO Section 14-16-6-5(C)(3)(b)
- Required notices with content per IDO Section 14-16-6-4(K)
- Office of Neighborhood Coordination notice inquiry response and proof of emailed notice to affected Neighborhood Association representatives
- Sign Posting Agreement
- Letter of authorization from the property owner if application is submitted by an agent
- Zone Atlas map with the entire site clearly outlined and labeled

**ALTERNATIVE LANDSCAPE PLAN**

- Justification letter describing, explaining, and justifying the request per the criteria in IDO Section 14-16-5-6(C)(16)
- Landscape Plan
- Letter of authorization from the property owner if application is submitted by an agent
- Zone Atlas map with the entire site clearly outlined and labeled

**I, the applicant or agent, acknowledge that if any required information is not submitted with this application, the application will not be scheduled for a public meeting or hearing, if required, or otherwise processed until it is complete.**

<b>Signature:</b> 	<b>Date:</b> 05/13/21
<b>Printed Name:</b> Gina Kelly	<input checked="" type="checkbox"/> Applicant or <input type="checkbox"/> Agent

FOR OFFICIAL USE ONLY	
Project Number:	Case Numbers
PR-2021-005472	SI-2021-00704
Staff Signature:	
Date:	



**SGA** Design Group

May 13, 2021

Maggie Gould, Planning Manager  
City of Albuquerque Planning Department  
Land Development Coordination  
600 Second Street NW  
Albuquerque, NM 87109

Re. Walmart #3512.211 located at: 11018 Montgomery Blvd NE

The scope of work for this Administrative Amendment review is the for updating of the current Walmart #3512 main building/site signage to the new updated font and new branding signage. The OGP parking will also relocated as shown on the civil sheets.

Regarding the signage updates, the main Walmart w/ Spark Sign will be updated. The rest of the wall signage will change out like for like. The Site signage will change orange to blue also. The designated OGP parking will be expanded with additional spaces single lined spaces.

Regarding the exterior paint on the building, the colors will remain browns and tans w/ the blue badges.

Bollards will be updated to have consistent spacing and change to gray brand color.

The impact to the site will be minimal and we ask for approval so that we will be able to move forward with permitting with the City's Building Department.

If you have any questions, please do not hesitate to contact me.

Thank you,

Gina Kelly  
SGA Design Group  
1437 S Boulder Ave-Ste. 550  
Tulsa, OK 74119  
ginak@sgadesigngroup.com

## LETTER OF AUTHORIZATION

January 4, 2021

City of Albuquerque  
600 2<sup>nd</sup> Street NW  
Albuquerque, NM 87102

To Whom It May Concern:

I hereby authorize: Gina Kelly  
SGA Design Group  
1437 South Boulder, Suite 550  
Tulsa, OK 74119  
(918) 587-8600

To act as the agent on our behalf before the City of Albuquerque, NM for the following address:  
Walmart #5430  
3500 Coors Blvd SW  
Albuquerque, NM 87121

  
\_\_\_\_\_  
Signature

Alma Todd Short 1/11/21  
\_\_\_\_\_  
Print Name Date

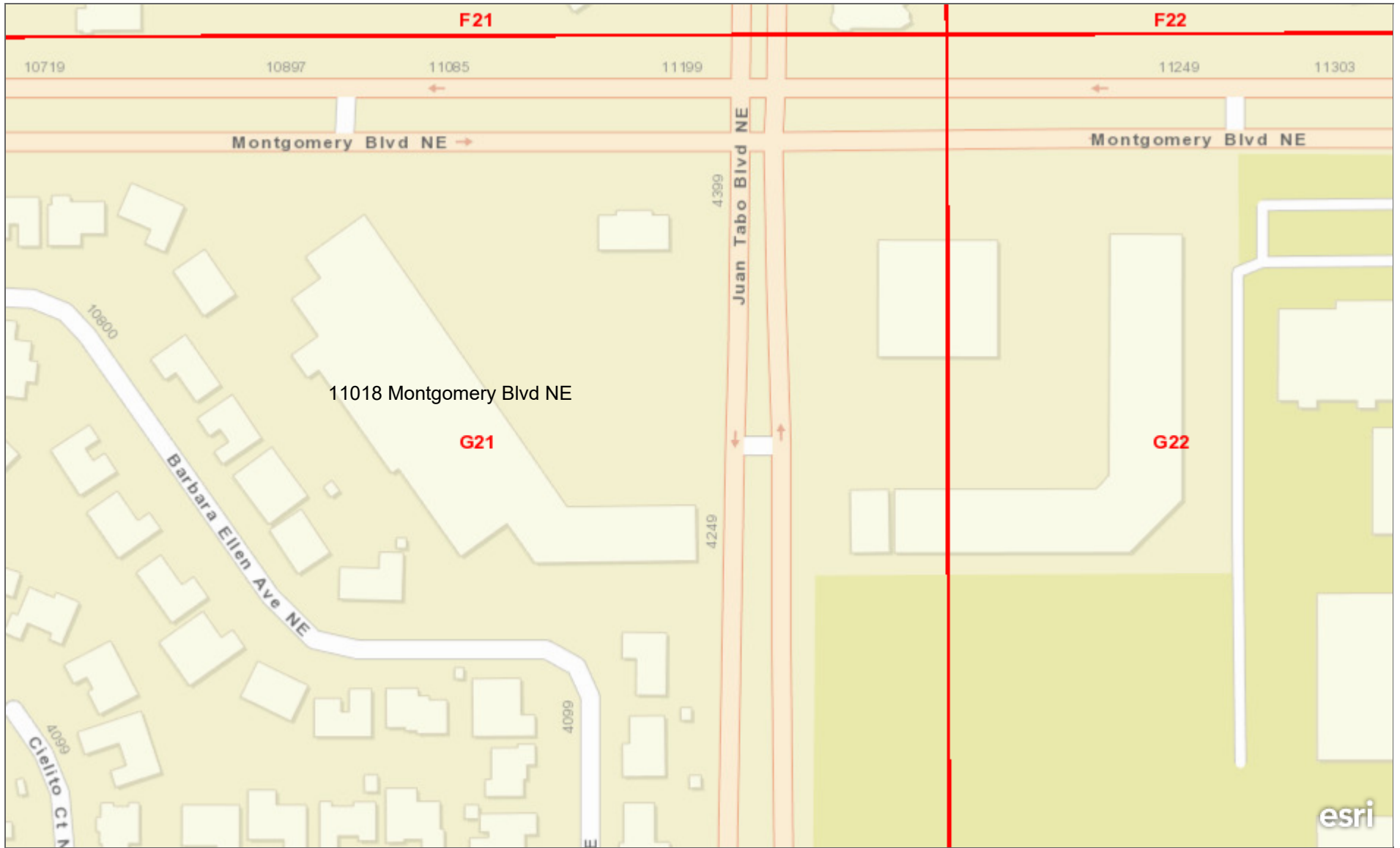
State of Arkansas  
County of Benton

Subscribed and sworn to before me this 11 day of January, 2021.

Notary Public   
\_\_\_\_\_  
My Commission Expires 10-10-2026

CRYSTAL UPHOFF  
NOTARY PUBLIC  
Benton County, Arkansas  
My Commission Expires 10/10/2026  
Commission Number 12351038

# Zone Atlas



City Zone Atlas Pages

200ft

City of Albuquerque, Bernalillo County, NM, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

DEMOLITION LEGEND	
	EXISTING TO REMAIN
	DEMOLISH/REMOVE/RELOCATE
	AREA TO BE DEMOLISHED

- | SHEET NOTES |  |
|-------------|--|
| 1.          | DEMOLITION INCLUDES BUT IS NOT LIMITED TO ITEMS SHOWN DASHED. REF DEMOLITION REQUIREMENT NOTE ON N1 SHEET.   |
| 2.          | REMOVE ALL DOORS SHOWN DASHED. REFER TO ENLARGED PLANS AND DOOR SCHEDULE FOR DOOR AND FRAME REPLACEMENT.   |
| 3.          | GC TO REMOVE ANY INTERIOR TENANT SIGNAGE OR ORNAMENTATION INSTALLED ON THE FRONT OR SIDE TENANT BULKHEADS. WALMART OWNED TENANT SIGNS AND ORNAMENTS ARE TO BE RETURNED TO THE STORE MANAGER. NON-WALMART OWNED TENANT SIGNS AND ORNAMENTS ARE TO BE RETURNED TO THE TENANT.                  |
| 4.          | NOT USED.  |
| 5.          | REMOVE EXTERIOR BUILDING MOUNTED SIGNS, LIT AND UNLIT, EXCEPT TENANT SIGNS. PATCH AND REPAIR EXTERIOR WALL SURFACES, DAMAGED OR EXPOSED DUE TO SIGNS REMOVAL, TO MATCH ADJACENT AS REQUIRED.   |
| 6.          | COORDINATE EXTERIOR LIT SIGNAGE REMOVAL WITH WALMART CM. EXTERIOR LIT SIGNS CANNOT BE REMOVED WITHOUT WALMART CM APPROVAL. DISPOSE OF EXISTING FLUORESCENT LAMPS AND BALLASTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL GUIDELINES PRIOR TO PLACING SIGN(S) IN WASTE MANAGEMENT CONTAINER. |

**SGA Design Group, P.C.**  
 1437 South Boulder, Suite 550  
 Tulsa, Oklahoma 74106  
 T. 918.587.8600  
 F. 918.587.8601  
 www.sgadesigngroup.com

STIPULATION FOR REUSE  
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CONSULTANTS

**Walmart**  
 ALBUQUERQUE, NM  
 11018 MONTGOMERY BLVD NE  
 STORE NO. 3512-211  
 JOB NUMBER: 202109133 PROJECT: 38

2021 MAJOR PROJECT

ISSUE BLOCK	

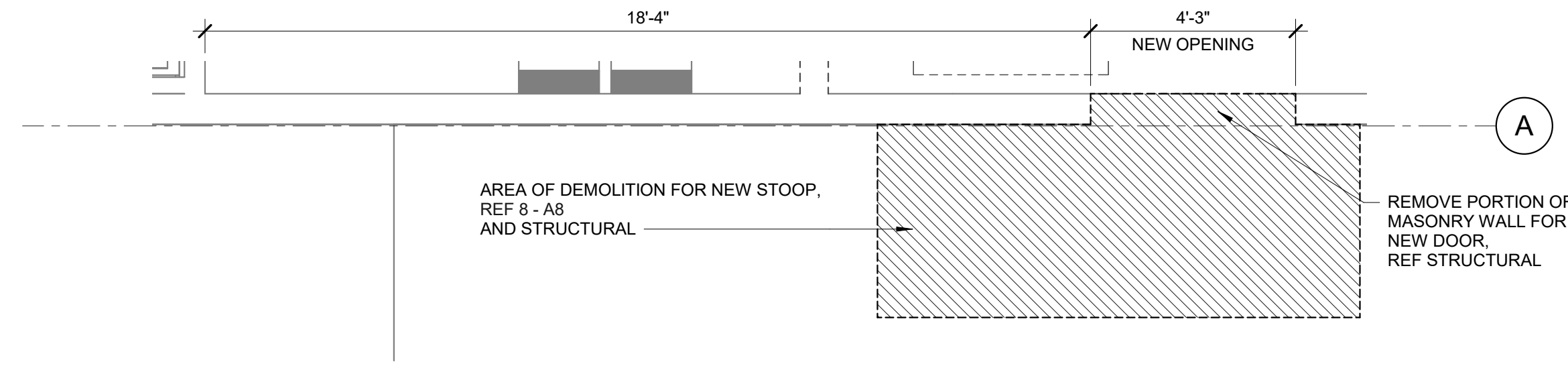
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 DRAWN BY: AP  
 PROTO CYCLE: 3/26/21  
 DOCUMENT DATE: 05/10/21

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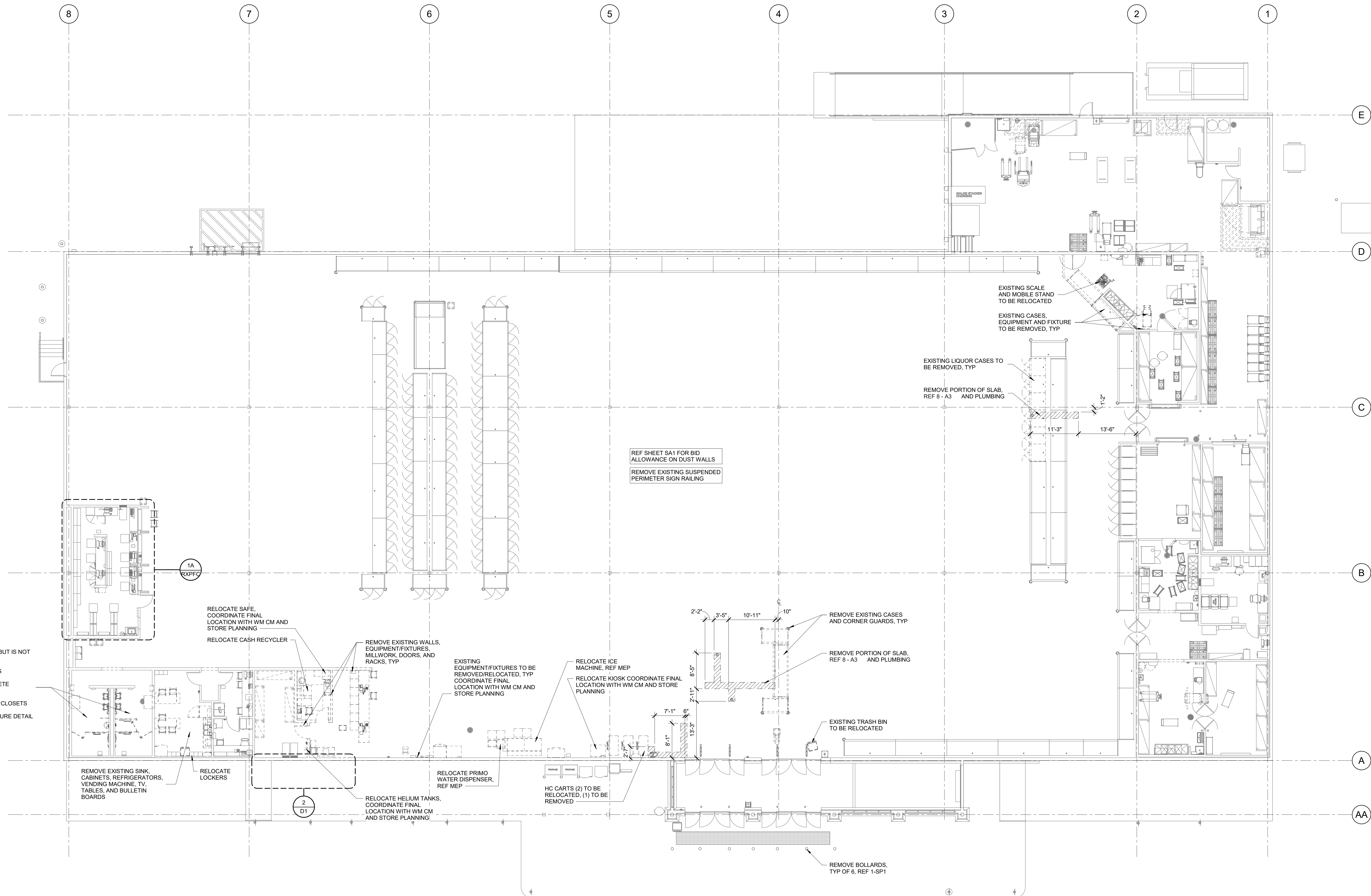
STATE OF NEW MEXICO  
 TRAVIS R. HAGER  
 No. 6148  
 REGISTERED ARCHITECT  
 05/10/2021

DEMOLITION PLAN

SHEET: D1



**2 ENLARGED DEMOLITION PLAN**  
 3/8" = 1'-0"



- RESTROOM DEMOLITION TO INCLUDE BUT IS NOT LIMITED TO:
- REMOVAL OF ALL PARTITIONS
  - WALL FINISHES TO FACE OF STUDS INCLUDING BATT INSULATION
  - FLOOR FINISHES TO BARE CONCRETE
  - LAVATORIES
  - ALL ACCESSORIES
  - TEMPORARY REMOVAL OF WATER CLOSETS AND URINALS  
 REF 6-A3 FOR SECURITY ENCLOSURE DETAIL

**1 DEMOLITION PLAN**  
 1" = 10'-0"

5/10/2021 11:55:58 AM  
 C:\p1\220701\202109133\11018\11018.dwg - P:\hager\travis\_r\_hager\202109133.dwg



EXISTING SIGNAGE SCHEDULE

SIGNAGE LOCATION	QTY	LIGHTED	COLOR	SIZE	AREA (SF)	TOTAL AREA (SF)
<b>FRONT SIGNAGE</b>						
Walmart (Spark) Neighborhood Pharmacy	1	LED	WHITE/YELLOW	3'-6"	188.30 SF	188.30 SF
Pharmacy	1	N/A	WHITE	2'-6"	62.68 SF	62.68 SF
<b>TOTAL BUILDING SIGNAGE</b>					<b>250.98 SF</b>	<b>250.98 SF</b>

NEW SIGNAGE SCHEDULE

SIGNAGE LOCATION	QTY	LIGHTED	COLOR	SIZE	AREA (SF)	TOTAL AREA (SF)
<b>FRONT SIGNAGE</b>						
Walmart (Spark) Neighborhood Pharmacy	1	LED	WHITE/YELLOW	3'-6"	177.89 SF	177.89 SF
(Spark) Pickup	1	LED	WHITE/YELLOW	2'-6"	65.43 SF	65.43 SF
Pharmacy	1	N/A	WHITE	2'-0"	31.32 SF	31.32 SF
<b>TOTAL BUILDING SIGNAGE</b>					<b>274.64 SF</b>	<b>274.64 SF</b>

SIGNAGE GENERAL NOTES

- SIGNAGE FURNISHED BY WAL-MART AND INSTALLED BY GC.
- ALL EXISTING WALMART EXTERIOR SIGNAGE IS TO REMAIN IN PLACE ON THE BUILDING UNTIL THE GC SIGN COMPANY IS ONSITE. THE EXISTING SIGNAGE WILL THEN BE REMOVED. PATCH AND REPAIR WORK WILL BE COMPLETED AT SIGN LOCATIONS, AND NEW SIGNAGE WILL BE INSTALLED PER PLANS.
  - A. A TEMPORARY BANNER WILL BE INSTALLED PRIOR TO REMOVAL OF EXISTING EXTERIOR SIGNAGE. BANNER WILL REMAIN IN PLACE UNTIL ALL MODIFICATIONS AND/OR REPAIRS HAVE BEEN COMPLETED AND NEW SIGNAGE IS INSTALLED.
  - B. TEMPORARY BANNER WILL BE APPROXIMATELY 125 SF (5'X25').
  - C. EXTERIOR SIGN WORK NEEDS TO BE SCHEDULED, COORDINATED, AND COMPLETED DURING WEEK 6 OF THE CONSTRUCTION SCHEDULE.
- GENERAL CONTRACTOR RESPONSIBILITIES
  - A. BY END OF FIRST WEEK OF CONSTRUCTION, REVIEW EXISTING CONSTRUCTION WHERE SIGN(S) WILL BE INSTALLED. IF EXISTING CONDITIONS DO NOT MATCH SIGN ATTACHMENT DETAILS SHOWN, REQUEST APPROVAL FROM CONSTRUCTION MANAGER TO SUBMIT RFI IN ACCORDANCE WITH SECTION 01250. NOTE DIFFERENCES IN CONSTRUCTION, INCLUDING DIMENSIONS, AND INCLUDE PHOTOGRAPHS FOR CLARIFICATION.
  - B. PROVIDE SUBSTRATE SUITABLE FOR INSTALLATION OF SIGNAGE. REFER TO SIGN DETAILS FOR LIGHTED ID/LOGO SIGNS.
  - C. PROVIDE JUNCTION BOXES AND CIRCUITRY TO NEW "Walmart" and "spark" SIGNAGE. EXISTING (B) BOXES FROM "WAL-MART" SIGNAGE MAY BE REUSED.
  - D. PROVIDE JUNCTION BOXES AND CIRCUITRY TO TENANT SIGNAGE LOCATION SHOWN. REFER TO ELECTRICAL.
  - E. INSTALL ACCESS DOORS AND FRAMES IN GYPSUM BOARD CEILINGS IF REQUIRED BY RELOCATION OF EXISTING TENANT SIGNAGE.
  - F. VERIFY VOLTAGE AT CIRCUITS FEEDING LIGHTED SIGNAGE. REFER TO ELECTRICAL.
  - G. MAKE FINAL TERMINATIONS ON LIGHTED SIGNAGE.
  - H. REMOVE ALL LIT ID/LOGO SIGNS AND UNLIT EXTERIOR STUD MOUNTED BUILDING SIGNS, UNLESS NOTED OTHERWISE.
  - I. MAKE REQUIRED EXTERIOR WALL PENETRATIONS, INSTALL CONDUIT, AND SEAL PENETRATIONS PER SPECIFICATION SECTION 07900.
  - J. INSTALL SIGNAGE PER DETAILS.

DEMOLITION NOTES

- REMOVE ALL UNLIT EXTERIOR STUD MOUNTED BUILDING SIGNS.
- REMOVAL OF LIT ID/LOGO SIGNS SHALL BE BY OTHERS.
- NOT USED.
- NOT USED.
- NOT USED.
- REMOVAL OF BUILDING MOUNTED ITEMS, SHOWN OR NOTED TO BE DEMOLISHED OR AS REQUIRED BY SCOPE OF WORK, SHALL OCCUR PRIOR TO PAINTING BUILDING. COORDINATE DEMOLITION WORK SO EXTERIOR PAINTING WILL OCCUR PRIOR TO INSTALLATION OF BUILDING MOUNTED ITEMS.

**SGA Design Group, P.C.**  
 1437 South Boulder, Suite 550  
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 F: 918.587.8601  
 www.sgadesigngroup.com

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CONSULTANTS

**Walmart**  
 ALBUQUERQUE, NM  
 11018 MONTGOMERY BLVD NE  
 STORE NO: 3512-11  
 2024133 PROTO.  
 2021 MAJOR PROJECT

ISSUE BLOCK

NO.	DESCRIPTION	DATE

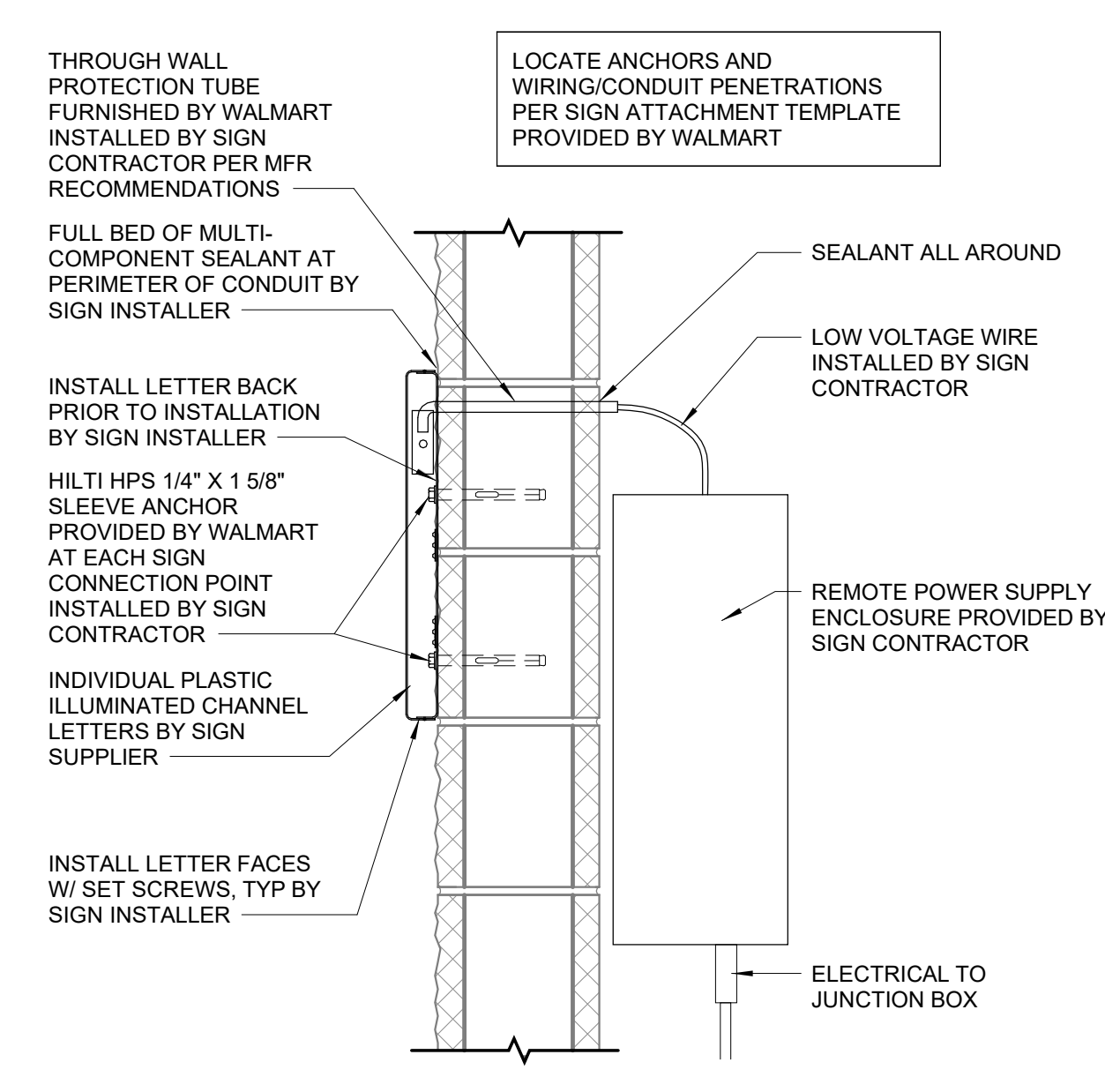
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 DRAWN BY: KM  
 PHOTO CYCLE: 3/26/21  
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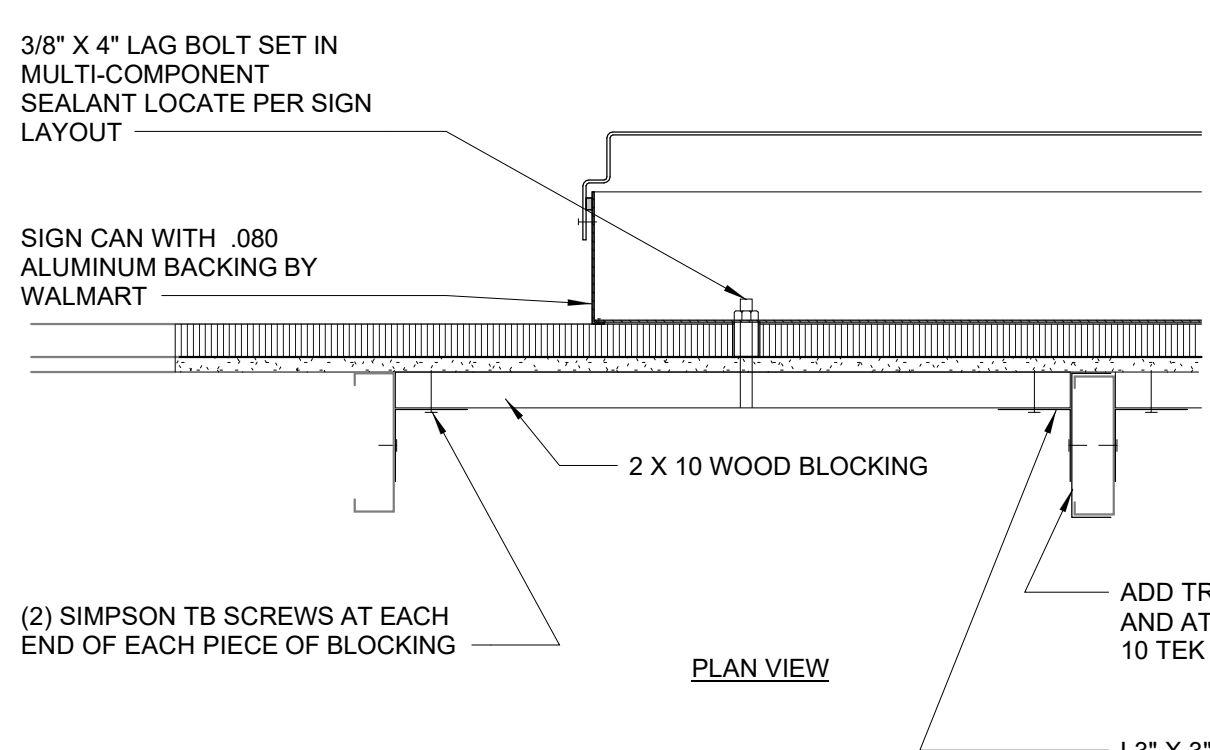
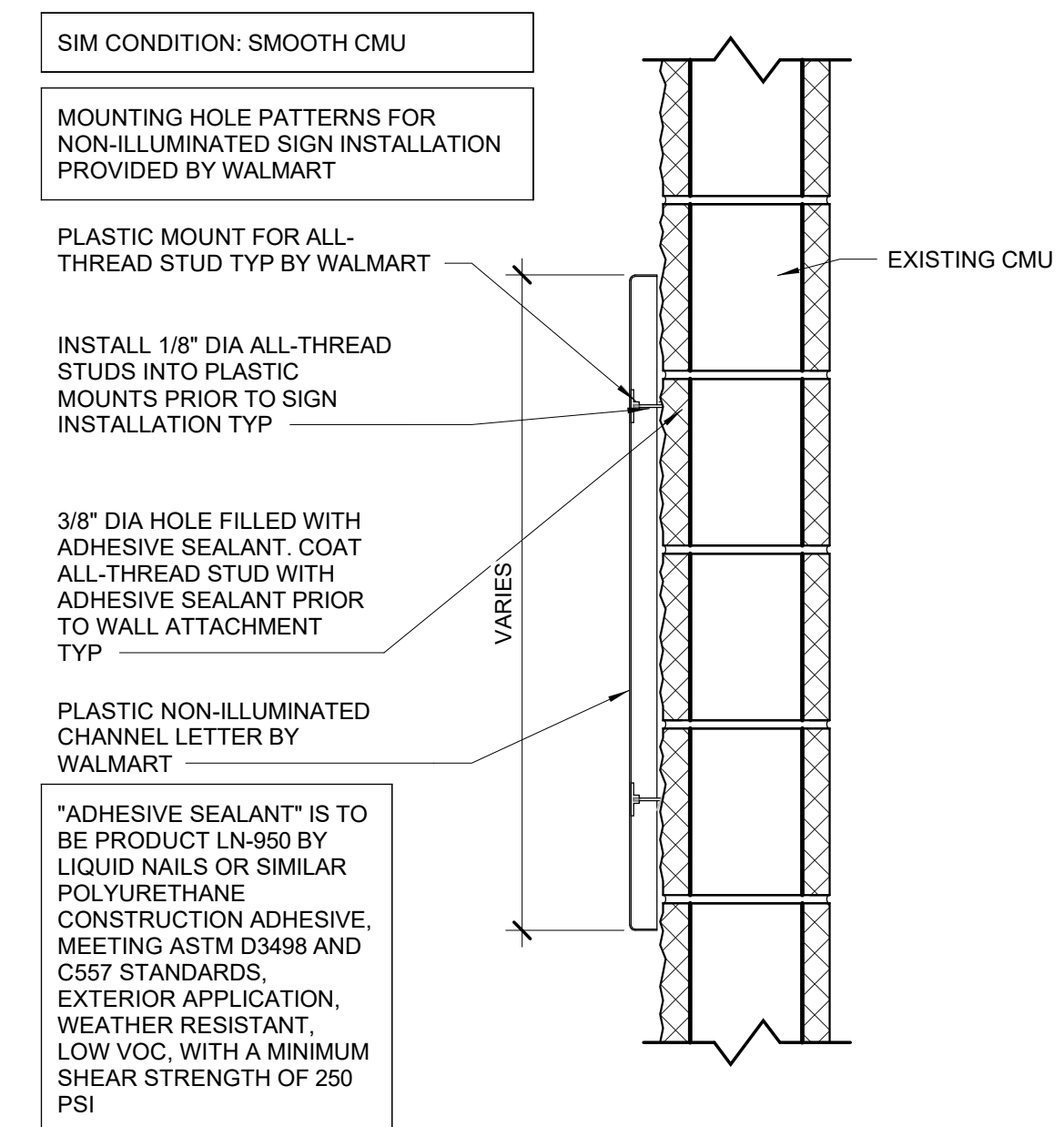
STATE OF NEW MEXICO  
 TRAVIS R. HAGER  
 No. 6148  
 REGISTERED ARCHITECT  
 05/10/2021

EXTERIOR DETAILS  
 SHEET: **A2.1**

**6 SIGNAGE ATTACHMENT**  
 1 1/2" = 1'-0"



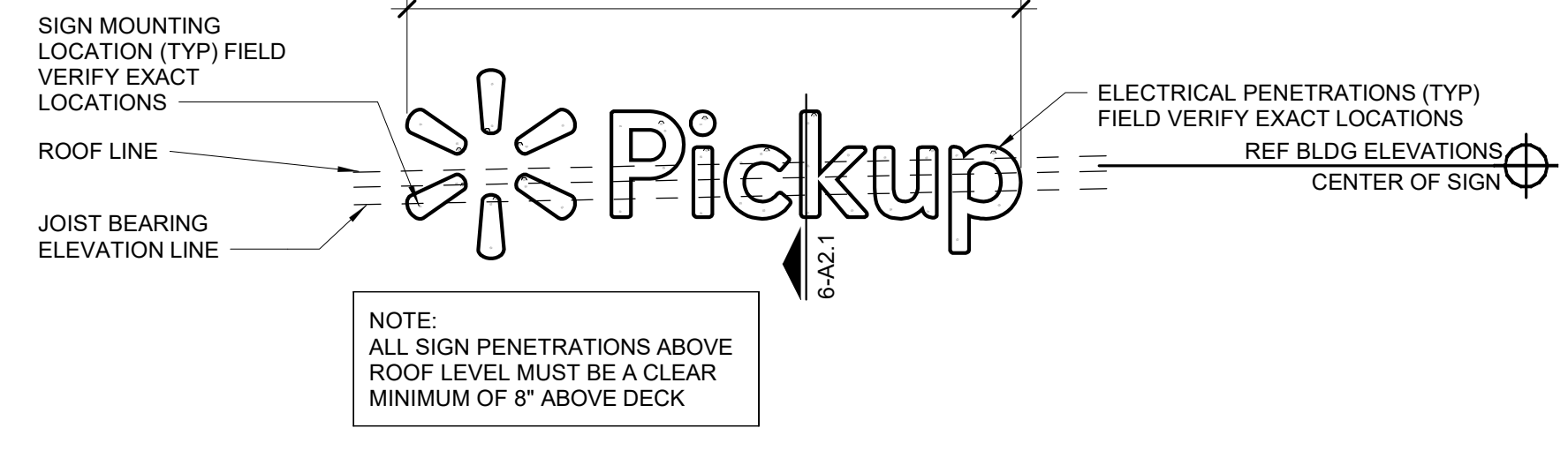
**5 SIGN ATTACHMENT AT CMU WALL**  
 1 1/2" = 1'-0"



NOTE TO SIGN INSTALLER:  
 ALL PRIMARY MOUNTING HOLES MUST BE UTILIZED. IF MOUNTING THROUGH PRIMARY HOLE IS OBSTRUCTED BY REBAR, METAL STUDS, CHANNELS, OR OTHER MISC METAL, SEAL PRIMARY HOLE IN SIGN CAN AND MOUNT THROUGH THE NEAREST ALTERNATE MOUNTING HOLE. PRIMARY HOLES ARE INDICATED WITH PREDRILLED HOLES THROUGH WASHERS. ALTERNATE HOLES ARE INDICATED WITH WASHERS ONLY OR ARE OTHERWISE MARKED.

ALL PRIMARY MOUNTING HOLES MUST BE UTILIZED. IF MOUNTING THROUGH PRIMARY HOLE IS OBSTRUCTED BY REBAR, METAL STUDS, CHANNELS, OR OTHER MISC METAL, SEAL PRIMARY HOLE IN SIGN CAN AND MOUNT THROUGH THE NEAREST ALTERNATE MOUNTING HOLE. PRIMARY HOLES ARE INDICATED WITH PREDRILLED HOLES THROUGH WASHERS. ALTERNATE HOLES ARE INDICATED WITH WASHERS ONLY OR ARE OTHERWISE MARKED.

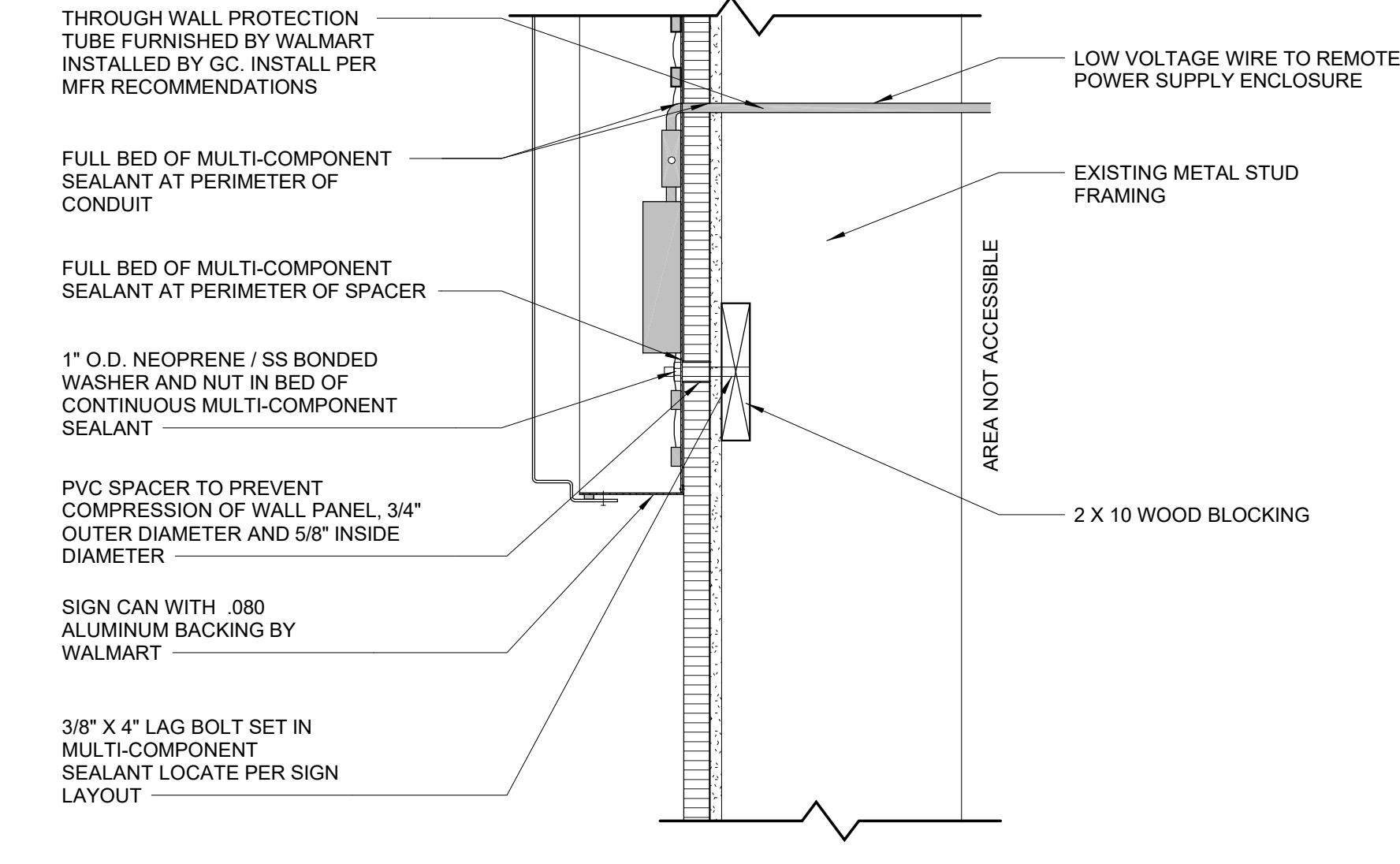
**2A PICKUP SIGN MOUNTING DIAGRAM 2'6"**  
 1/4" = 1'-0"



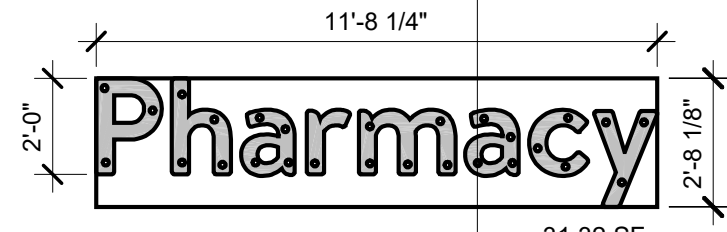
**1A 3'-6\"/>**



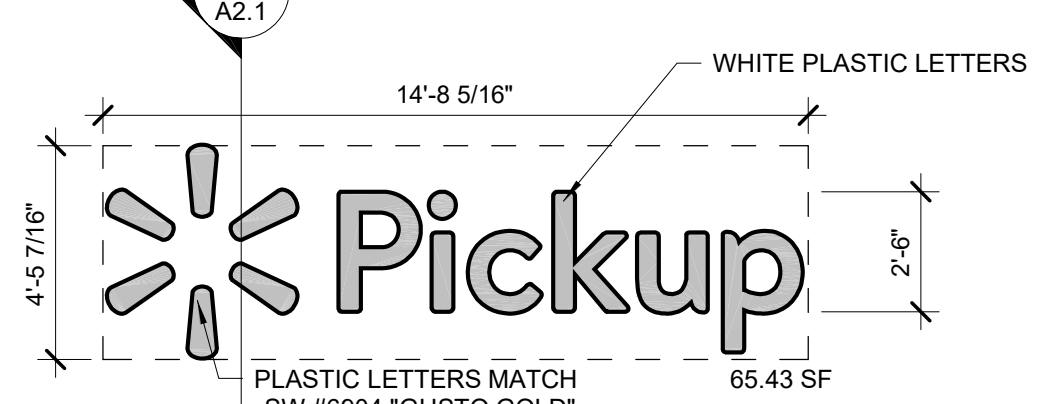
**4 SIGN ATTACHMENT**  
 1 1/2" = 1'-0"



**3 2'-0\"/>**



**2 2'-6\"/>**



**1 3'-6\"/>**

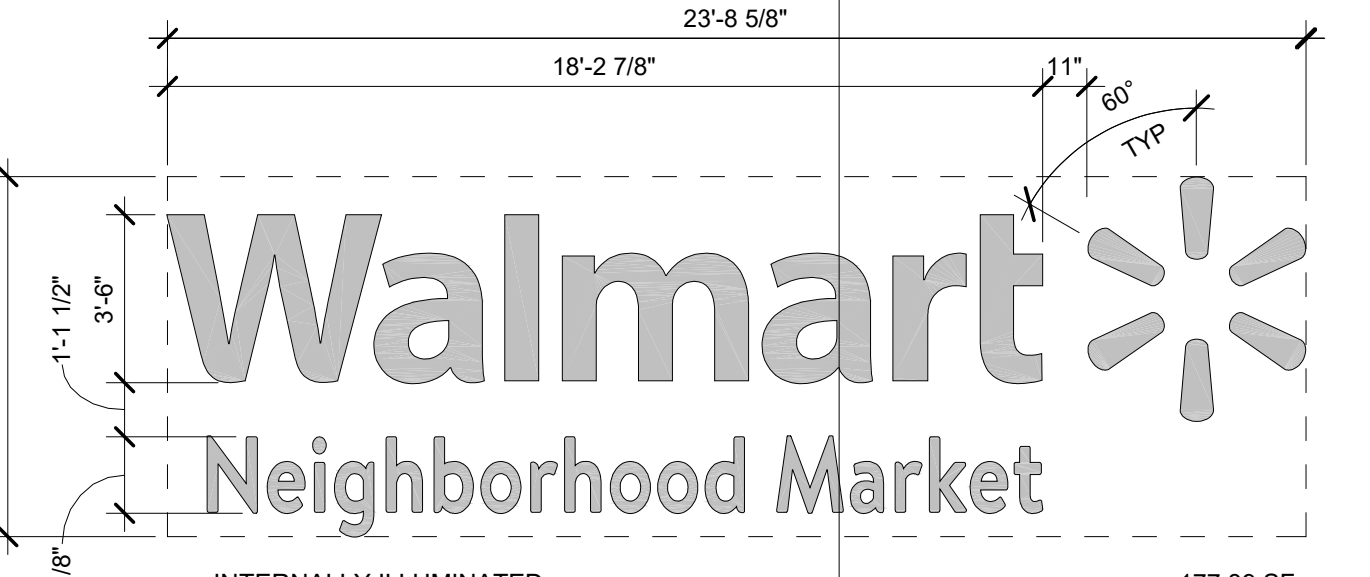






IMAGE SOURCE: GOOGLE EARTH  
 IMAGE DATE: 10/04/20

BARBARA ELLEN AVE NE

**WALMART  
 NEIGHBORHOOD  
 MARKET  
 #03512-211**

CONTRACTOR SHALL REFER TO  
 SHEET SECP-1 FOR ADDITIONAL  
 IMPROVEMENT DETAILS AT BFR

BFR

BFR

JUAN TABO BLVD NE

MONTEGOMERY BLVD NE

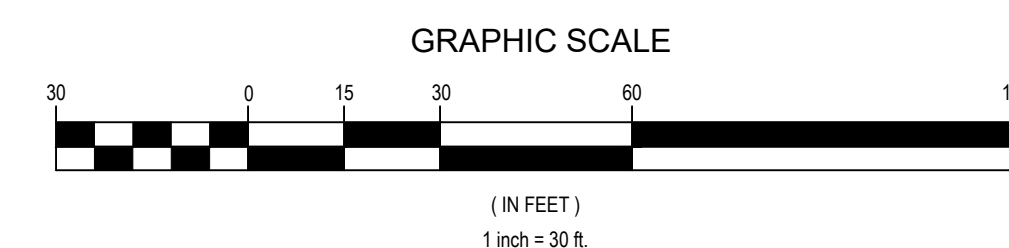
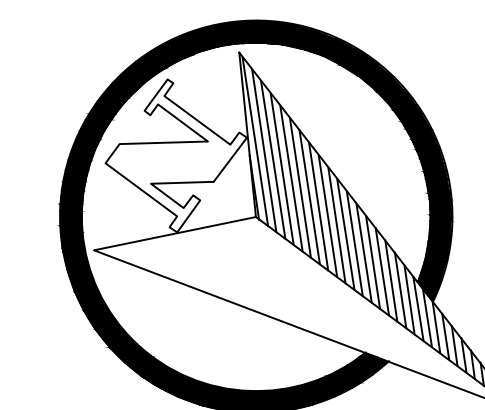
**SITE AND DEMOLITION LEGEND**

REFERENCE DETAIL SHEET

- (A) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED.
- (B) EXISTING STOP SIGN TO BE REMOVED.
- (C) EXISTING SIGN POST, BASE, AND BOLLARD BASE (WHERE APPLICABLE) TO BE REMOVED.
- (D) EXISTING SIGN POST AND BASE TO REMAIN, BOLLARD (WHERE APPLICABLE) TO BE RE-PAINTED.
- (E) EXISTING CROSSWALK STRIPING TO BE REMOVED.
- (F) EXISTING YIELD PAVEMENT MARKING TO BE REMOVED.
- (G) EXISTING CENTERLINE STRIPING TO BE REMOVED.
- (H) EXISTING CENTERLINE STRIPING TO REMAIN AND BE RE-PAINTED.
- (J) EXISTING SOLID DOUBLE YELLOW STRIPING TO BE REMOVED.
- (K) EXISTING STOP SIGN TO REMAIN.
- (L) EXISTING PEDESTRIAN CROSSING SIGN TO REMAIN.
- (M) EXISTING STOP BAR AND STOP TEXT PAVEMENT MARKING TO BE REMOVED.
- (N) EXISTING ARROW PAVEMENT MARKINGS TO BE REMOVED.
- (P) EXISTING FIRE LANE STRIPING TO REMAIN AND BE RE-PAINTED.
- (Q) EXISTING STOP SIGN TO BE RAISED TO MATCH CURRENT DETAILS/GUIDELINES.
- (R) NEW "STOP HERE FOR PEDESTRIANS" (R1-5B) SIGN.
- (S) NEW 30"x30" STOP SIGN.
- (T) NEW 36"x36" STOP SIGN.
- (U) NEW SIGN MOUNTING AND BASE WITH BOLLARD.
- (V) NEW STOP TEXT AND STOP BAR PAVEMENT MARKINGS.
- (W) NEW 4" WIDE PAINTED YELLOW STRIPES AT 45° @ 2'-0" O.C.
- (X) NEW CROSSWALK MARKINGS - 6" WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" O.C. AND (1)-8" WHITE STRIP PERPENDICULAR ON BOTH ENDS UNLESS NOTED OTHERWISE. ENTIRE CROSSWALK SHALL BE RE-STRIPED.
- (Y) LIMITS OF SEAL COAT. APPLY SEAL COAT OVER WHERE STRIPING AND PAVEMENT MARKINGS WERE REMOVED AND WHERE NEW STRIPING AND PAVEMENT MARKINGS WILL BE APPLIED. APPLY NEW STRIPING AND PAVEMENT MARKINGS OVER SEAL COAT.
- (Z) NEW 4" WIDE PAINTED YELLOW STRIPES - 6" LONG WITH 18" GAPS.
- (AA) NEW OPEN ARROW PAVEMENT MARKINGS.
- (BB) NEW SOLID ARROW PAVEMENT MARKINGS.
- (CC) NEW 4" WIDE DOUBLE SOLID YELLOW STRIPE.
- (DD) NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.
- (EE) NEW SIGN MOUNTING AND BASE WITH DOUBLE BREAK AWAY POSTS.
- (FF) NEW FIRE LANE STRIPING.
- (GG) EXISTING PAVEMENT MARKINGS/STRIPING TO BE INSPECTED AND REVISED/REFRESHED TO MATCH CURRENT DETAILS/GUIDELINES.
- (HH) EXISTING VISIBILITY CONFLICT WITH SIGNAGE. CONTRACTOR SHALL TRIM LANDSCAPING AS REQUIRED TO CREATE UNOBSTRUCTED VIEW OF SIGNAGE.
- (AA) NEW "ONCOMING TRAFFIC DOES NOT STOP" PLAQUE.
- (KK) NEW "TRAFFIC FROM LEFT DOES NOT STOP" PLAQUE.
- (LL) NEW "TRAFFIC FROM RIGHT DOES NOT STOP" PLAQUE.
- (MM) NEW "CROSS TRAFFIC DOES NOT STOP" PLAQUE.
- (NN) EXISTING "PICK-UP" PAVEMENT MARKINGS TO BE REMOVED.
- (PP) EXISTING ISLAND STRIPING TO BE REMOVED.
- (OO) NEW PICKUP CROSSWALK MARKINGS.
- (RR) NEW CHANNELIZATION AT PICKUP DOOR. SEE DETAIL.
- (SS) EXISTING "ONLY" PAVEMENT MARKINGS TO BE REMOVED.
- (TT) PROPOSED 4" WIDE, SOLID WHITE CHANNELIZING LINE.

**NOTES TO CONTRACTOR**

1. BFR (BUILDING FRONTAGE ROAD)  
 OCR (OUTER CIRCULATION ROAD)
2. CONTRACTOR SHALL INSTALL NEW STOP BARS, SIGNS, AND TEXT TO MATCH CURRENT DETAILS AT THE LOCATIONS SHOWN ON THESE PLANS.
3. ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR SHALL BE INSTALLED ON A SINGLE POST.

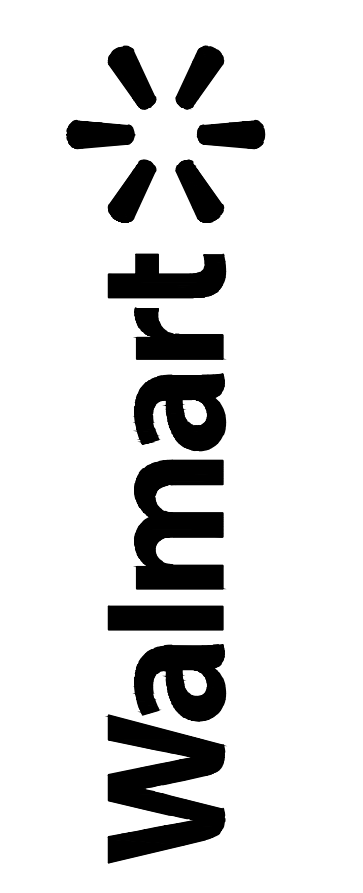


**STOP SIGNS AND MARKINGS PLAN**

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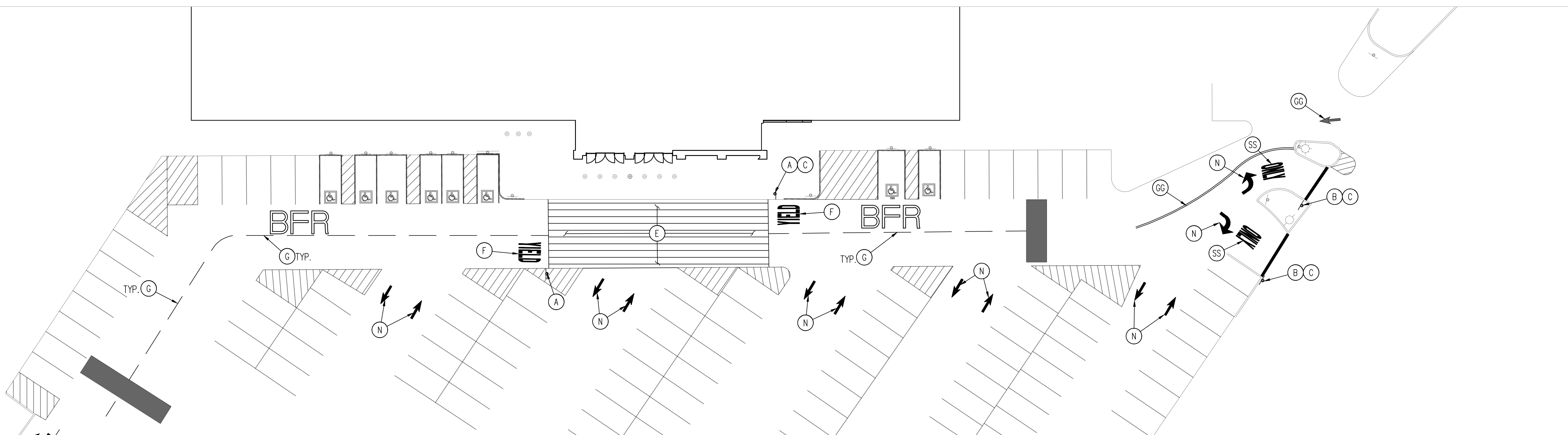


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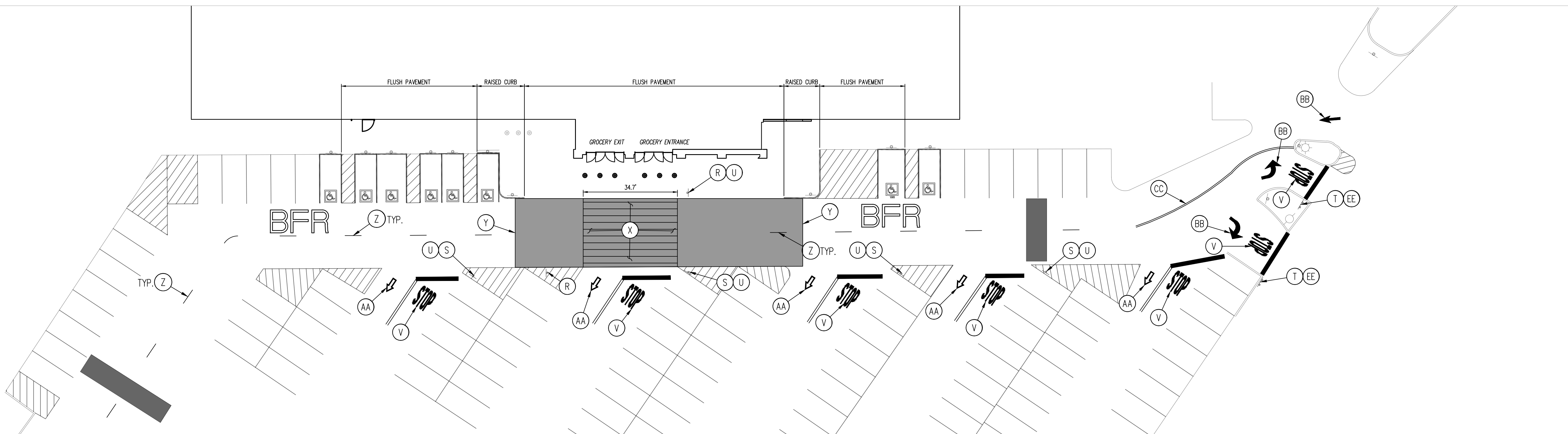


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**SSM-1**



DEMOLITION PLAN



SITE CONSTRUCTION PLAN

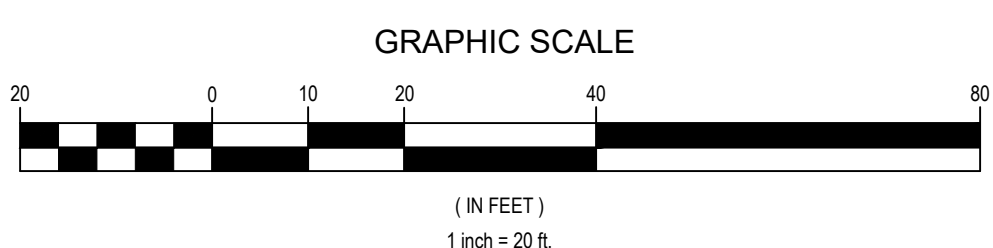
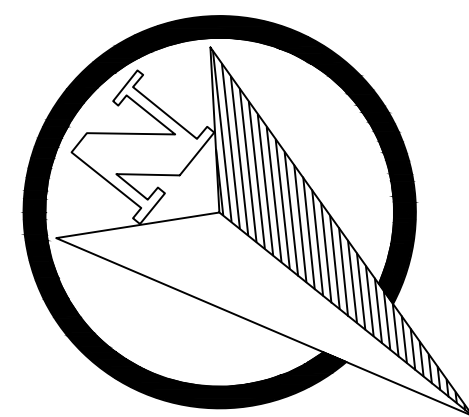
NOTES TO CONTRACTOR:

- REFERENCE SITE CONSTRUCTION PLAN FOR SITE SPECIFIC DIMENSIONS OF CROSSWALK STRIPING AND LOCATION OF SIGNAGE.
- PROVIDE A COMPREHENSIVE CONSTRUCTION PHASING PLAN FOR THIS WORK TO THE STORE MANAGER 7 DAYS PRIOR TO STARTING ANY WORK. IT IS TO PROVIDE FOR DATES, TIMES AND DURATION OF LANE CLOSURES, TEMPORARY VEHICLE AND PEDESTRIAN TRAFFIC CONTROL.
- ALL EXISTING STRIPING AND PAVEMENT MARKINGS OR TEXT ALONG THE BFR (BUILDING FRONTAGE ROAD) SHALL BE REMOVED. GRIND OUT ANY DIRECTIONAL ARROWS OR STOP BARS/TEXT THAT ARE NOT CORRECTLY LOCATED OR INCONSISTENT WITH THE DETAILS PROVIDED. APPLY SEAL COAT TO THE COMPLETE EXTENT THAT THE STRIPING OR TEXT HAS BEEN REMOVED IN A SINGLE COMPLETE RECTANGLE TO COVER ALL REMOVED STRIPING (DO NOT APPLY SEAL COAT OVER EXISTING STRIPING OR CONCRETE). INSTALL NEW STRIPING AND SIGNAGE AS SHOWN ON THE SITE CONSTRUCTION PLAN.
- ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR SHALL BE INSTALLED ON A SINGLE POST WITH BOLLARD.

SITE AND DEMOLITION LEGEND

REFERENCE DETAIL SHEET

- (A) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED.
- (B) EXISTING STOP SIGN TO BE REMOVED.
- (C) EXISTING SIGN POST, BASE, AND BOLLARD BASE (WHERE APPLICABLE) TO BE REMOVED.
- (D) EXISTING SIGN POST AND BASE TO REMAIN, BOLLARD (WHERE APPLICABLE) TO BE RE-PAINTED.
- (E) EXISTING CROSSWALK STRIPING TO BE REMOVED.
- (F) EXISTING YIELD PAVEMENT MARKING TO BE REMOVED.
- (G) EXISTING CENTERLINE STRIPING TO BE REMOVED.
- (H) EXISTING CENTERLINE STRIPING TO REMAIN AND BE RE-PAINTED.
- (J) EXISTING SOLID DOUBLE YELLOW STRIPING TO BE REMOVED.
- (K) EXISTING STOP SIGN TO REMAIN.
- (L) EXISTING PEDESTRIAN CROSSING SIGN TO REMAIN.
- (M) EXISTING STOP BAR AND STOP TEXT PAVEMENT MARKING TO BE REMOVED.
- (N) EXISTING ARROW PAVEMENT MARKINGS TO BE REMOVED.
- (P) EXISTING FIRE LANE STRIPING TO REMAIN AND BE RE-PAINTED.
- (C) EXISTING STOP SIGN TO BE RAISED TO MATCH CURRENT DETAILS/GUIDELINES.
- (R) NEW "STOP HERE FOR PEDESTRIANS" (R1-SB) SIGN.
- (S) NEW 30"x30" STOP SIGN.
- (T) NEW 36"x36" STOP SIGN.
- (U) NEW SIGN MOUNTING AND BASE WITH BOLLARD.
- (V) NEW STOP TEXT AND STOP BAR PAVEMENT MARKINGS.
- (W) NEW 4" WIDE PAINTED YELLOW STRIPES AT 45' @ 2'-0" O.C.
- (X) NEW CROSSWALK MARKINGS - 6" WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" O.C. AND (1)-3" WHITE STRIPE PERPENDICULAR ON BOTH ENDS UNLESS NOTED OTHERWISE. ENTIRE CROSSWALK SHALL BE RE-STRIPED.
- (Y) LIMITS OF SEAL COAT. APPLY SEAL COAT OVER WHERE STRIPING AND PAVEMENT MARKINGS WERE REMOVED AND WHERE NEW STRIPING AND PAVEMENT MARKINGS WILL BE APPLIED. APPLY NEW STRIPING AND PAVEMENT MARKINGS OVER SEAL COAT.
- (Z) NEW 4" WIDE PAINTED YELLOW STRIPES - 6' LONG WITH 18' GAPS.
- (AA) NEW OPEN ARROW PAVEMENT MARKINGS.
- (BB) NEW SOLID ARROW PAVEMENT MARKINGS.
- (CC) NEW 4" WIDE DOUBLE SOLID YELLOW STRIPE.
- (DD) NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.
- (EE) NEW SIGN MOUNTING AND BASE WITH DOUBLE BREAK AWAY POSTS.
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- (SS) EXISTING "ONLY" PAVEMENT MARKINGS TO BE REMOVED.
- (TT) PROPOSED 4" WIDE, SOLID WHITE CHANNELIZING LINE.



DEMOLITION AND SITE CONSTRUCTION PLAN

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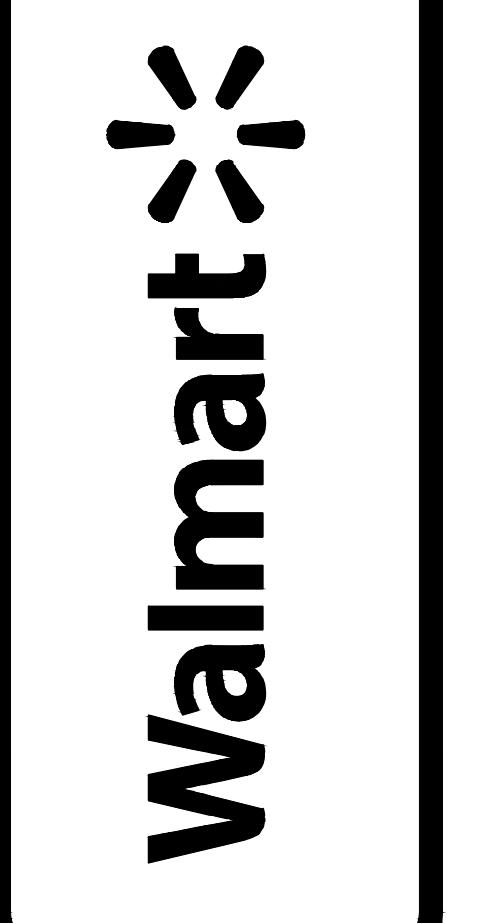


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BRANDON ALLEY  
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 25037  
 PROFESSIONAL ENGINEER  
 05/07/2021

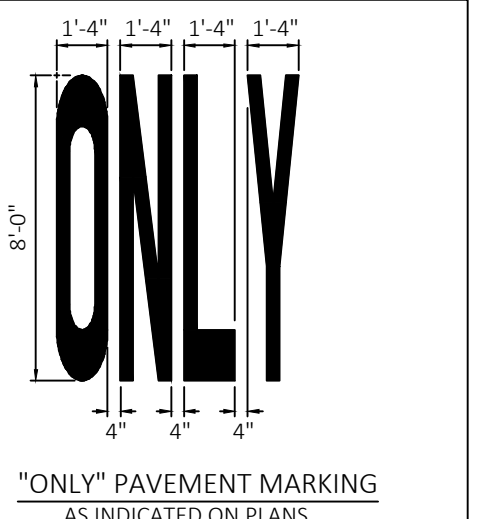
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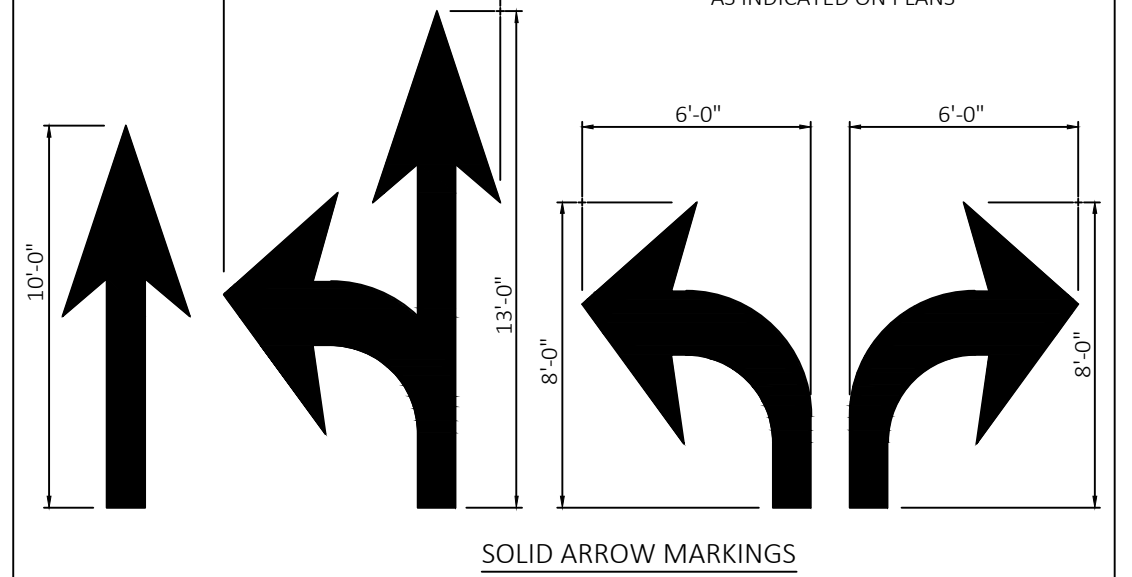
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JOB No.	SGA03512.20
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**NOTES:**

- WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- THESE WORDS ARE TO BE PAINTED "RETROREFLECTIVE WHITE WITH GLASS BEADS", PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.



"ONLY" PAVEMENT MARKING AS INDICATED ON PLANS



SOLID ARROW MARKINGS AS INDICATED ON PLANS PAINTED "RETROREFLECTIVE WHITE"

SOLID ARROW PAVEMENT MARKINGS N.T.S.

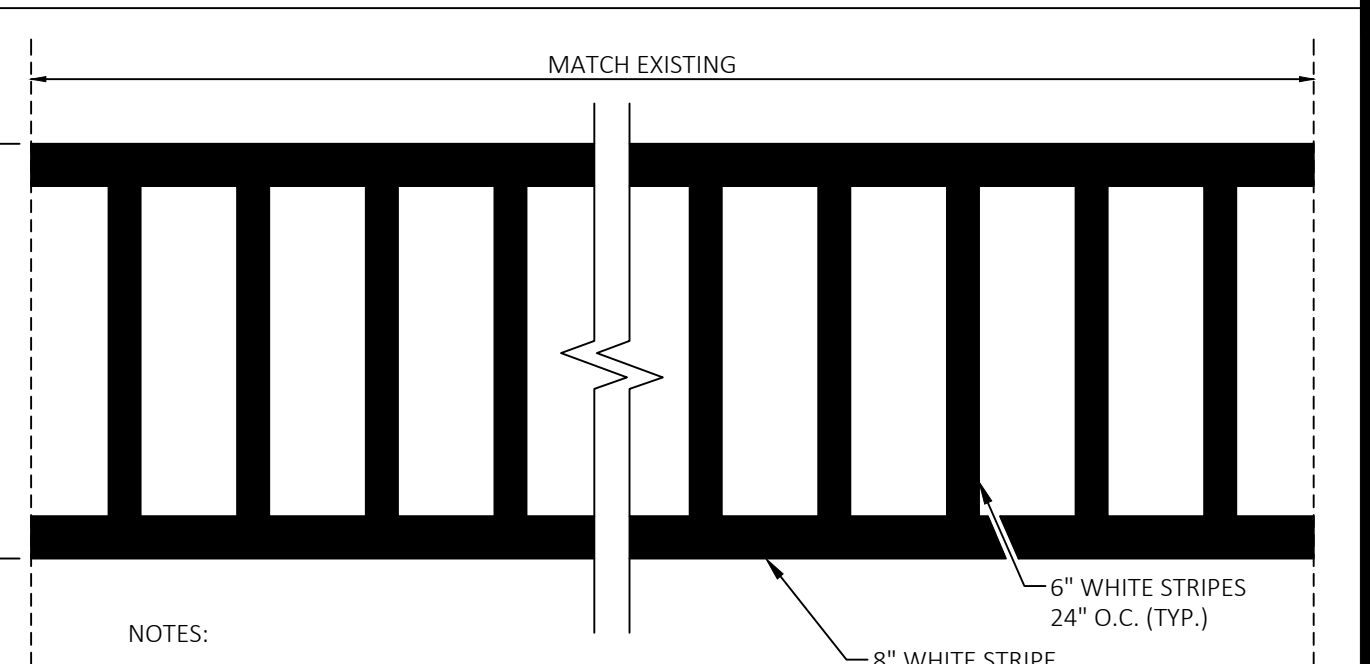
**OPEN ARROW MARKINGS** AS INDICATED ON PLANS PAINTED "WHITE"

**NOTES:**

- ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- OPEN ARROWS SHALL CONSIST OF A 4" PERIMETER STRIPE.

OPEN ARROW PAVEMENT MARKINGS (MODIFIED) N.T.S.

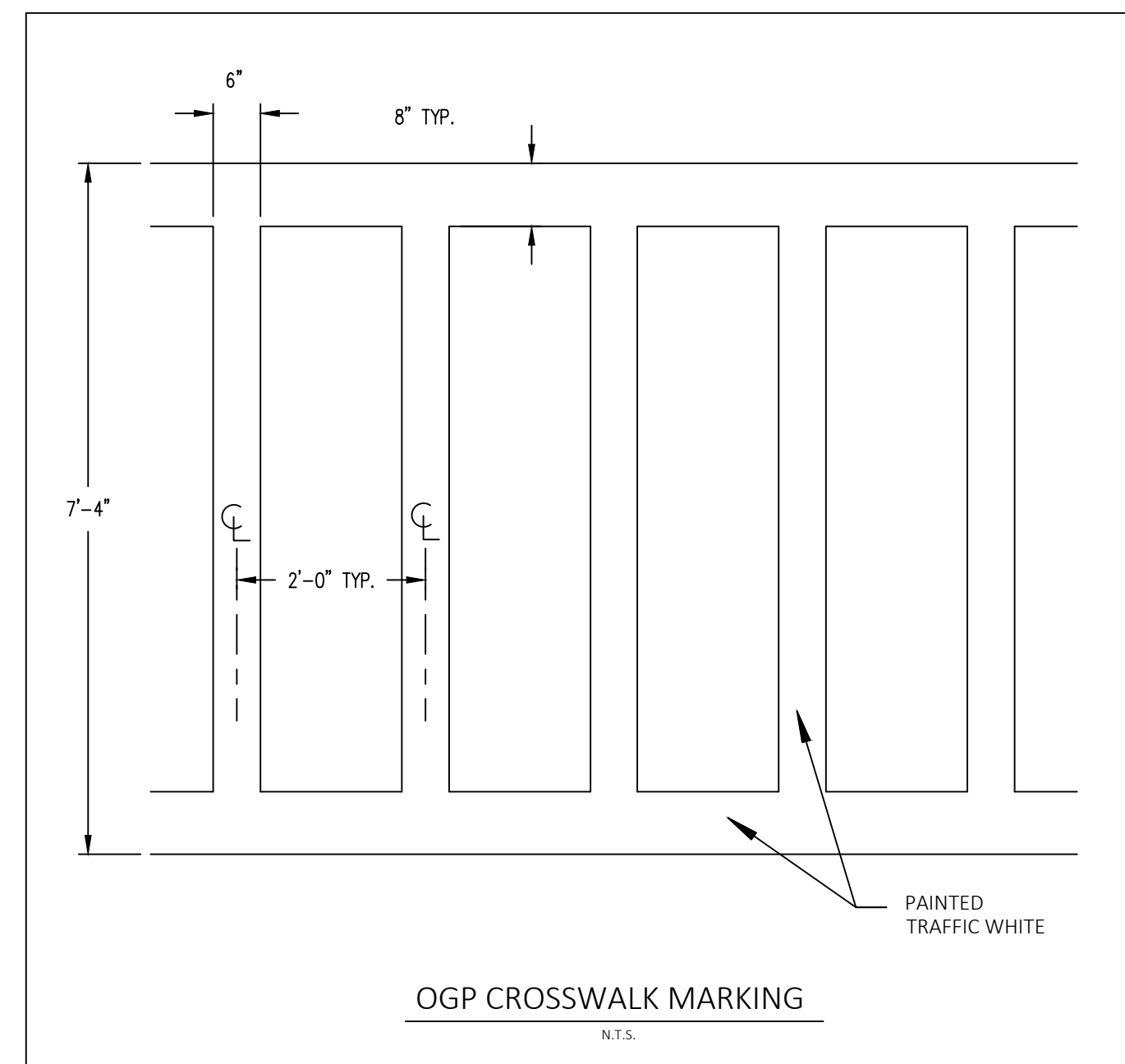
**CROSSWALK MARKING W/ LONGITUDINAL STRIPES (MODIFIED)** N.T.S.



**NOTES:**

- MARKINGS FOR STREET SHALL BE ACCORDING TO LOCAL CODE REQUIREMENTS AND AS OUTLINED IN SECTION 3B.18 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- MARKINGS WITHIN PRIVATE PARKING LOT SHALL BE PER THIS DETAIL.
- THESE MARKINGS ARE TO BE PAINTED RETROREFLECTIVE WHITE.

**OGP CROSSWALK MARKING** N.T.S.



PAINTED TRAFFIC WHITE

**"ALL WAY" PLAQUE** R1-3P N.T.S.

**"TRAFFIC FROM LEFT DOES NOT STOP" PLAQUE** W4-4B N.T.S.

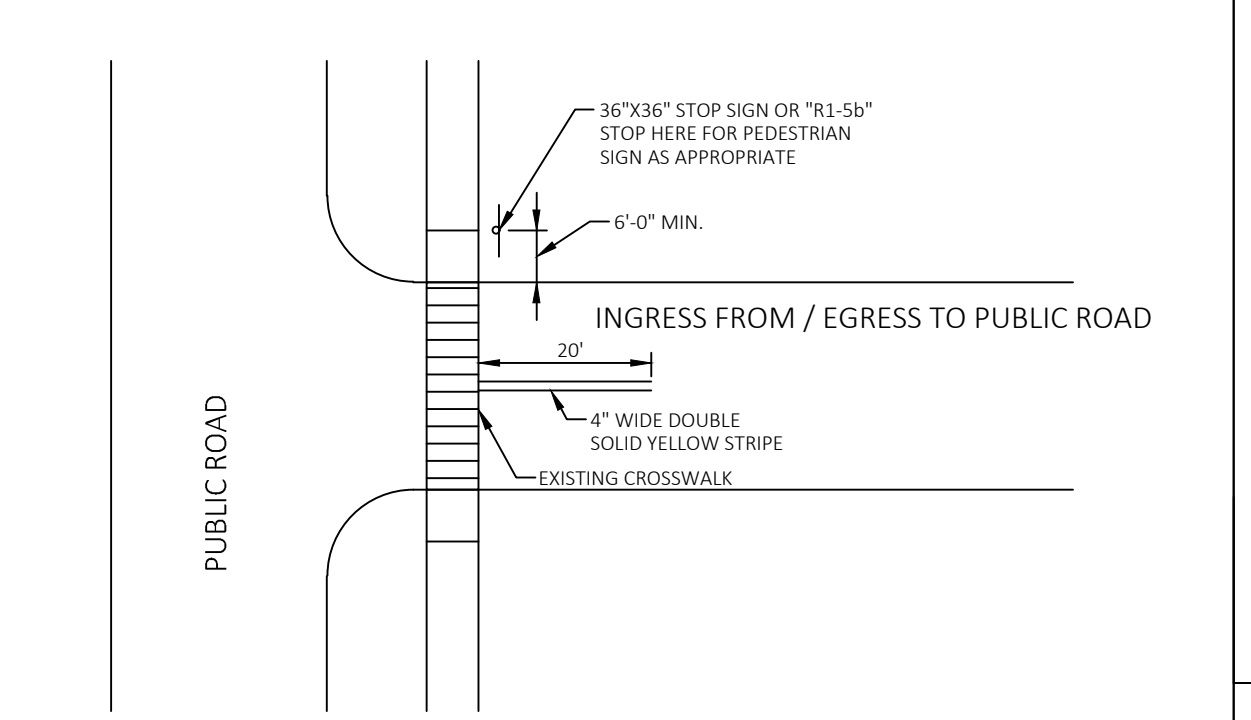
**"TRAFFIC FROM RIGHT DOES NOT STOP" PLAQUE** W4-4A N.T.S.

**"LEFT/RIGHT TRAFFIC" PLAQUE** W4-4A N.T.S.

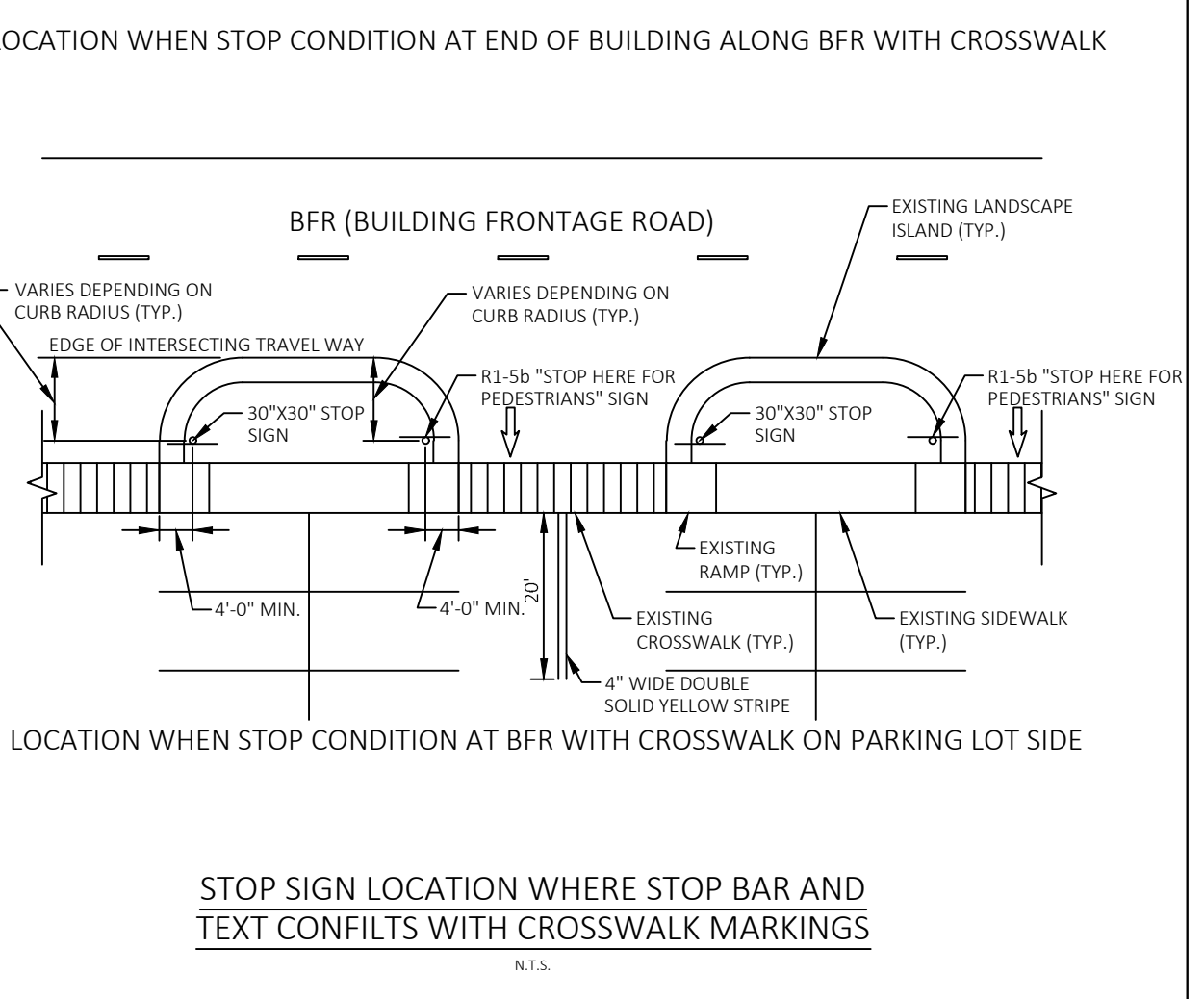
**"ONCOMING TRAFFIC DOES NOT STOP" PLAQUE** W4-4B N.T.S.

**"CROSS TRAFFIC DOES NOT STOP" PLAQUE** W4-4P N.T.S.

**SIGN LOCATION WHEN STOP CONDITION AT END OF BUILDING ALONG BFR WITH CROSSWALK**



**SIGN LOCATION WHEN STOP CONDITION AT BFR WITH CROSSWALK ON PARKING LOT SIDE**



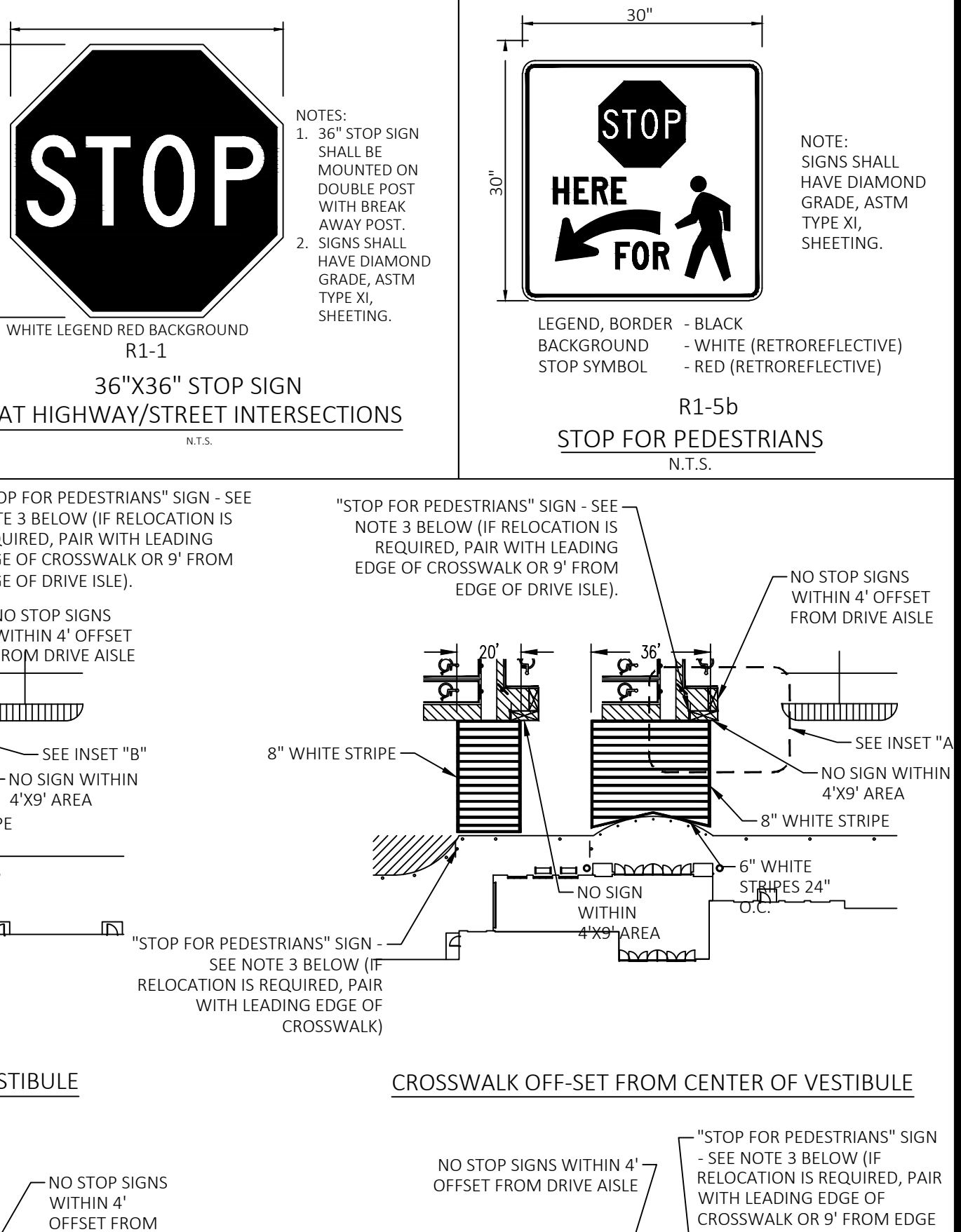
**STOP SIGN LOCATION WHERE STOP BAR AND TEXT CONFLICTS WITH CROSSWALK MARKINGS** N.T.S.

**30"X30" STOP SIGN WITHIN PARKING LOT** R1-1 N.T.S.

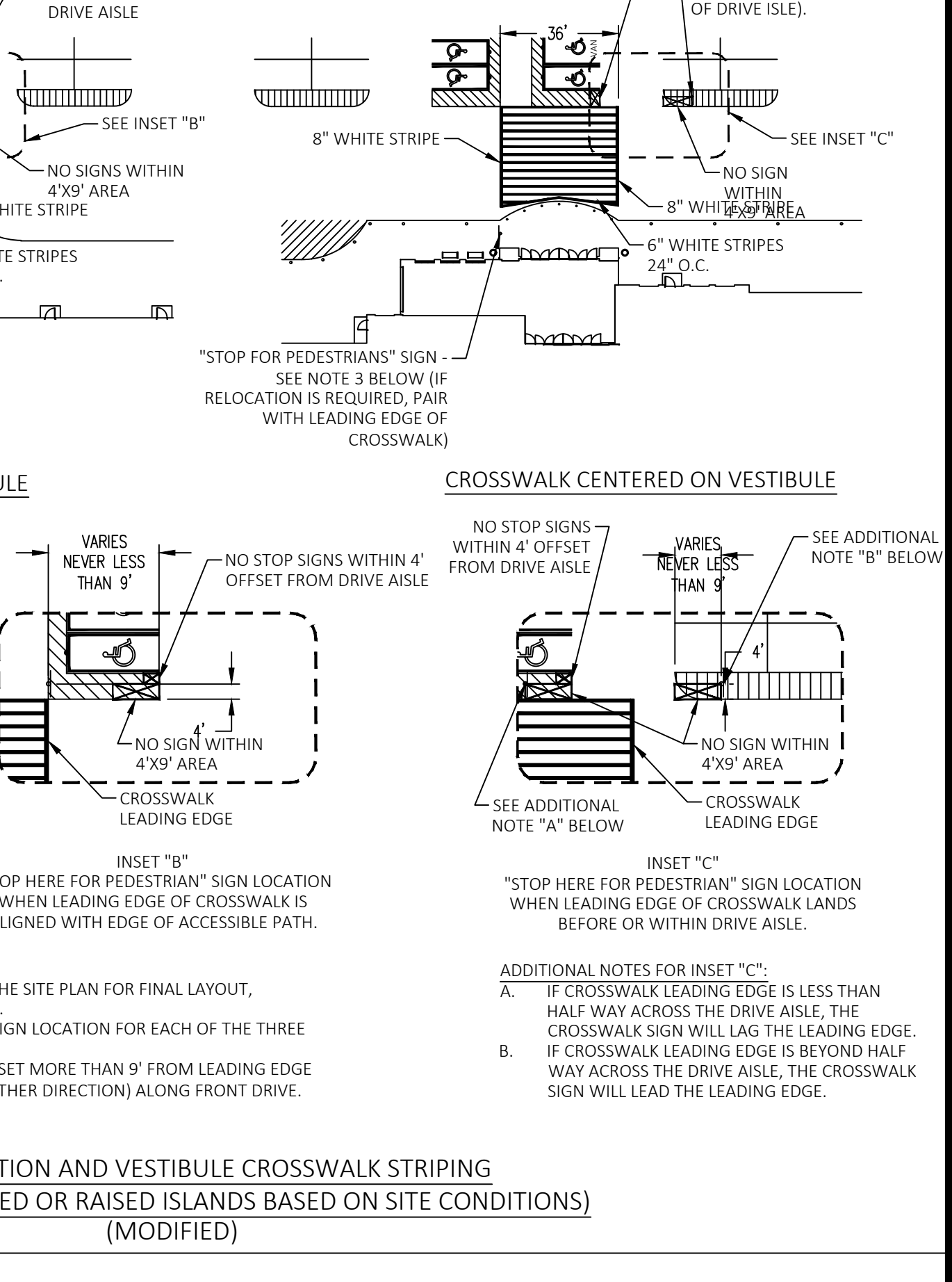
**36"X36" STOP SIGN AT HIGHWAY/STREET INTERSECTIONS** R1-1 N.T.S.

**STOP FOR PEDESTRIANS** R1-5b N.T.S.

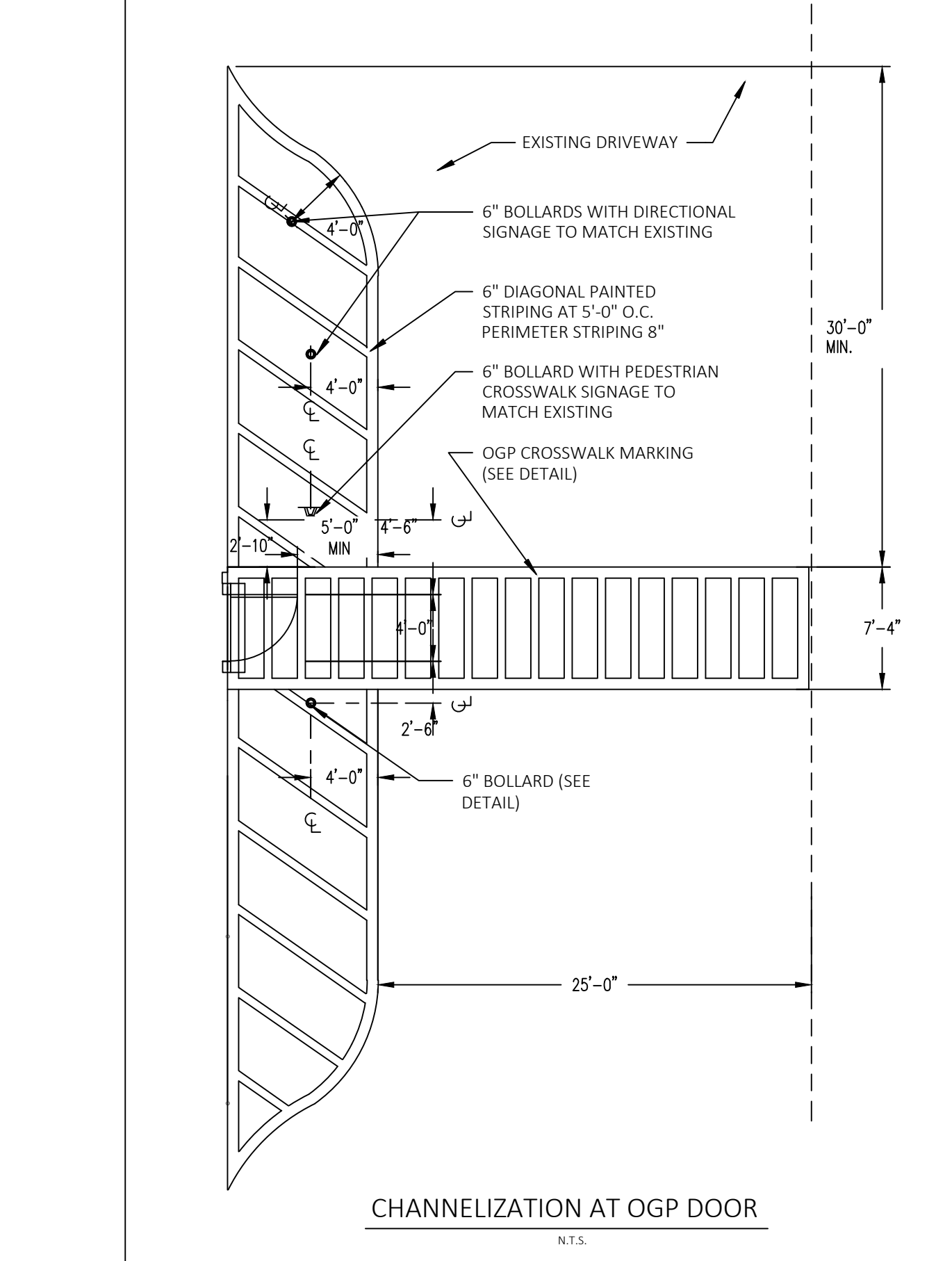
**CROSSWALK OFF-SET FROM CENTER OF VESTIBULE**



**CROSSWALK CENTERED ON VESTIBULE**



**CHANNELIZATION AT OGP DOOR** N.T.S.



**NOTES FOR SINGLE POST WITH BOLLARD:**

- ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- USE 4" SCH. 40 STEEL PIPE FILLED W/ CONCRETE WITH TOP ROUNDED AND PAINTED TRAFFIC YELLOW.

**NOTES FOR DOUBLE POST WITH BREAK AWAY POSTS:**

- POST TUBES - 2"x2" 12ga POST TUBE SHALL MEET ASTM A1011 GRADE 50. POST TUBE GALVANIZED AS PER ASTM A653 GRADE 50.
- ANCHOR TUBE - 2 1/4"x2 1/4" 12ga HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A505 GRADE 8. STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.

**NOTES FOR SINGLE POST WITH BREAK AWAY POST:**

- POST TUBES SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- ANCHOR TUBE - 2 1/4"x2 1/4" 12ga HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A505 GRADE 8. STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.

**NOTES FOR SQUARE TUBE BREAK AWAY POST:**

- POST TUBES SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- ANCHOR TUBE - 2 1/4"x2 1/4" 12ga HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A505 GRADE 8. STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.

**NOTES FOR SIGN MOUNTING AND BASE:**

- ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR ARE TO BE INSTALLED ON A SINGLE POST WITH BOLLARD.
- THE MIN. HEIGHT OF THE BOTTOM OF THE LOWEST SIGN SHALL BE 7'-0".
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# SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET

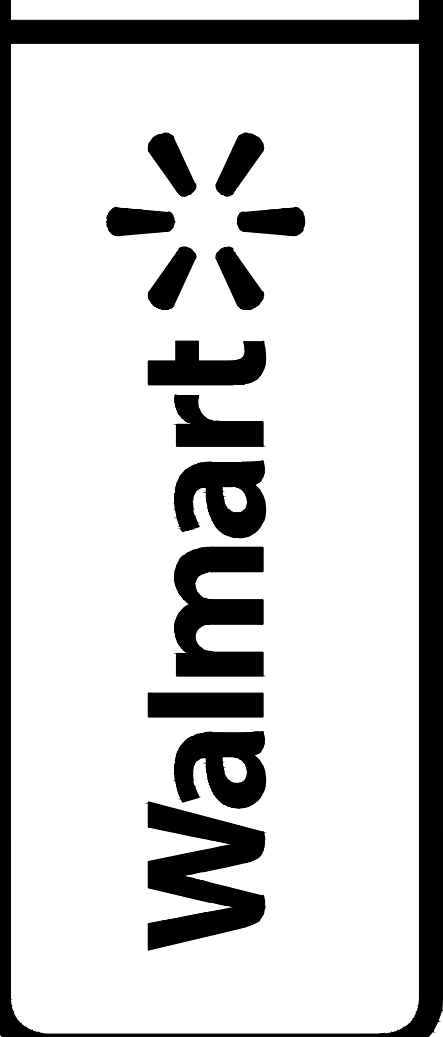
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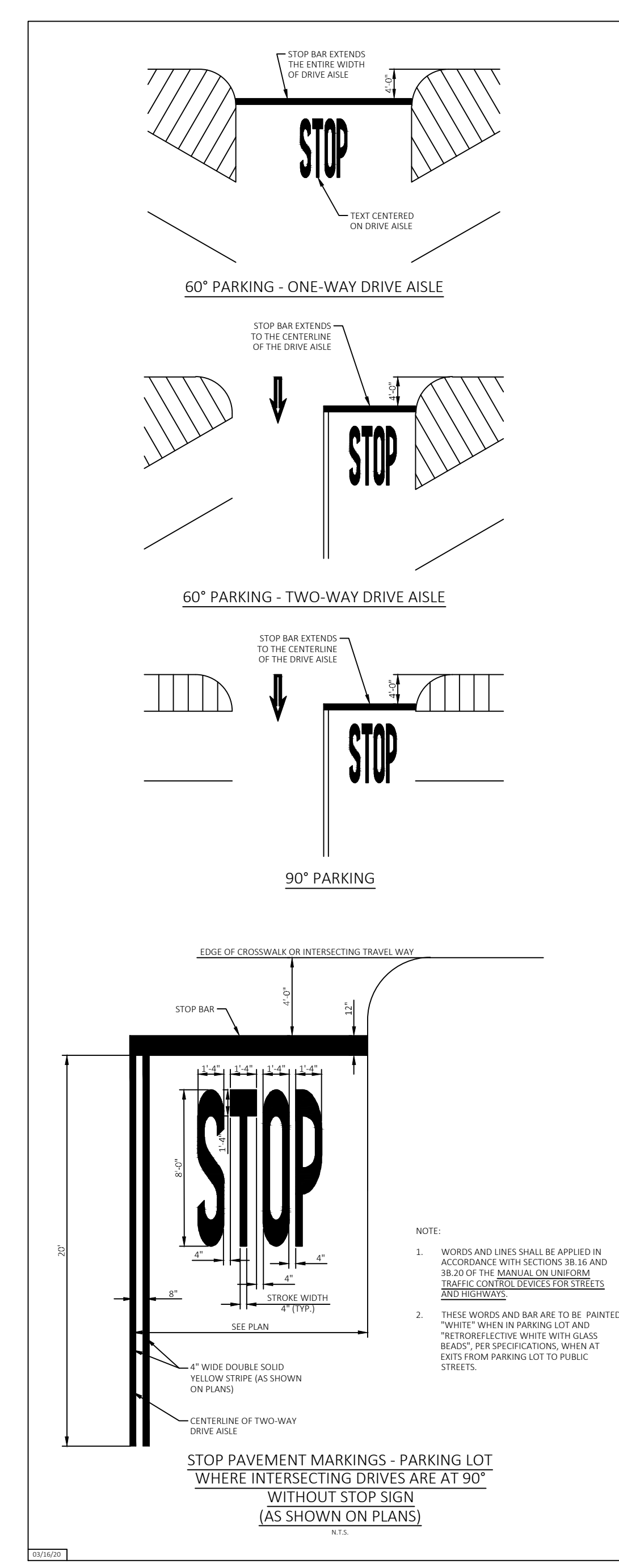
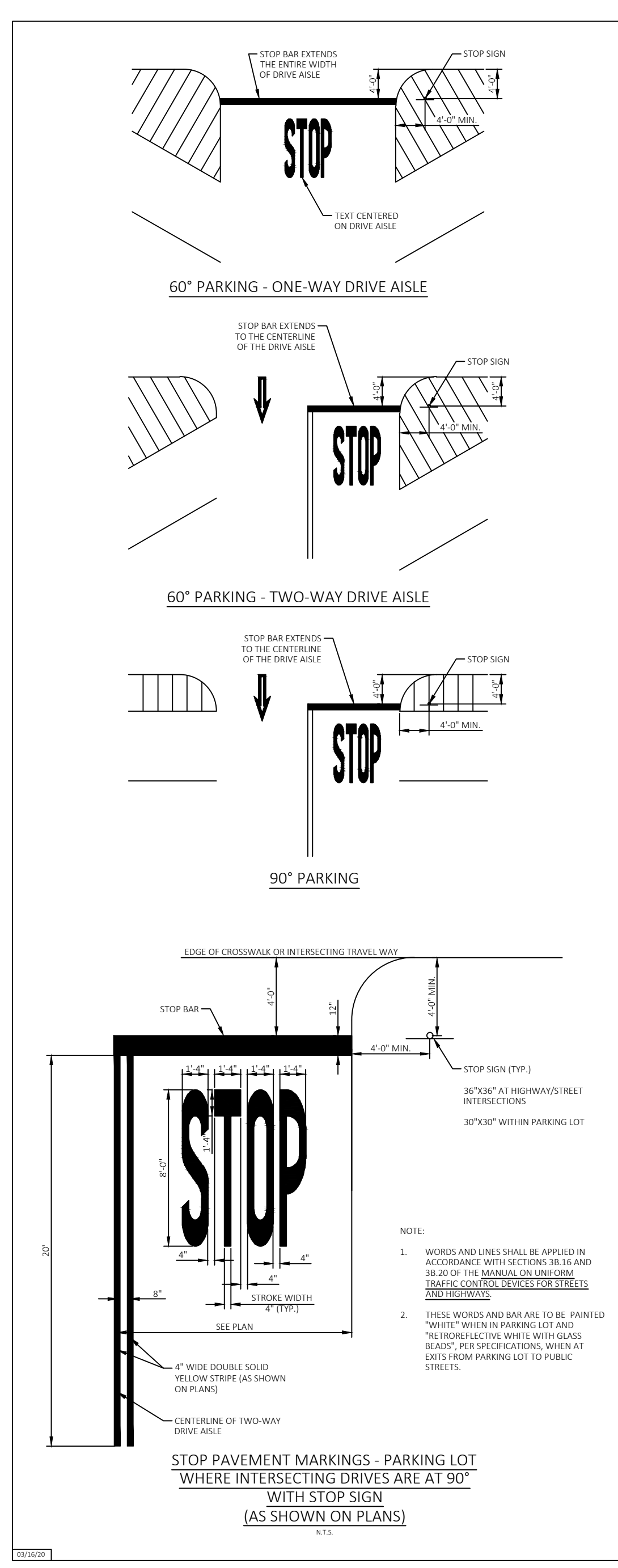
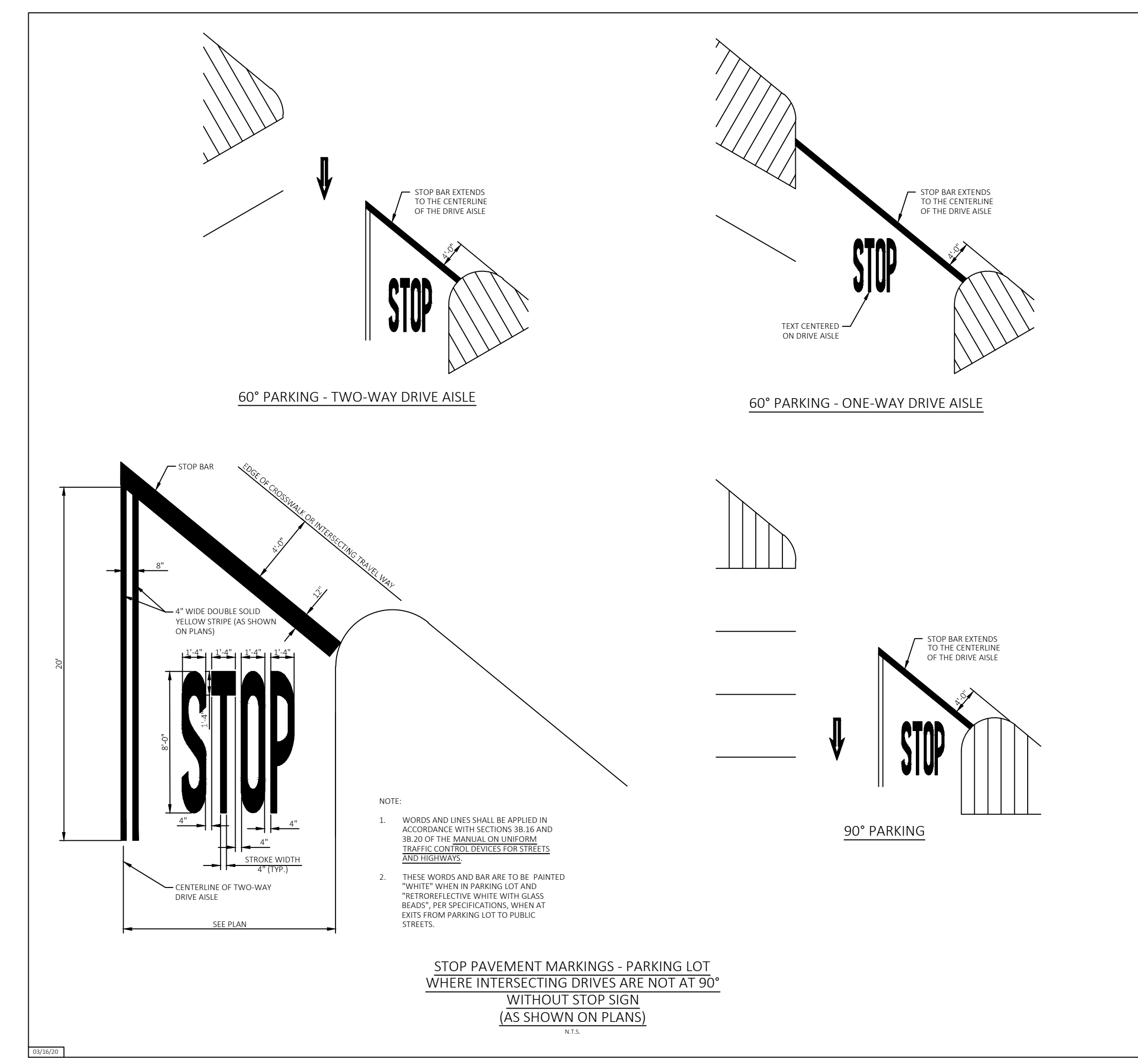
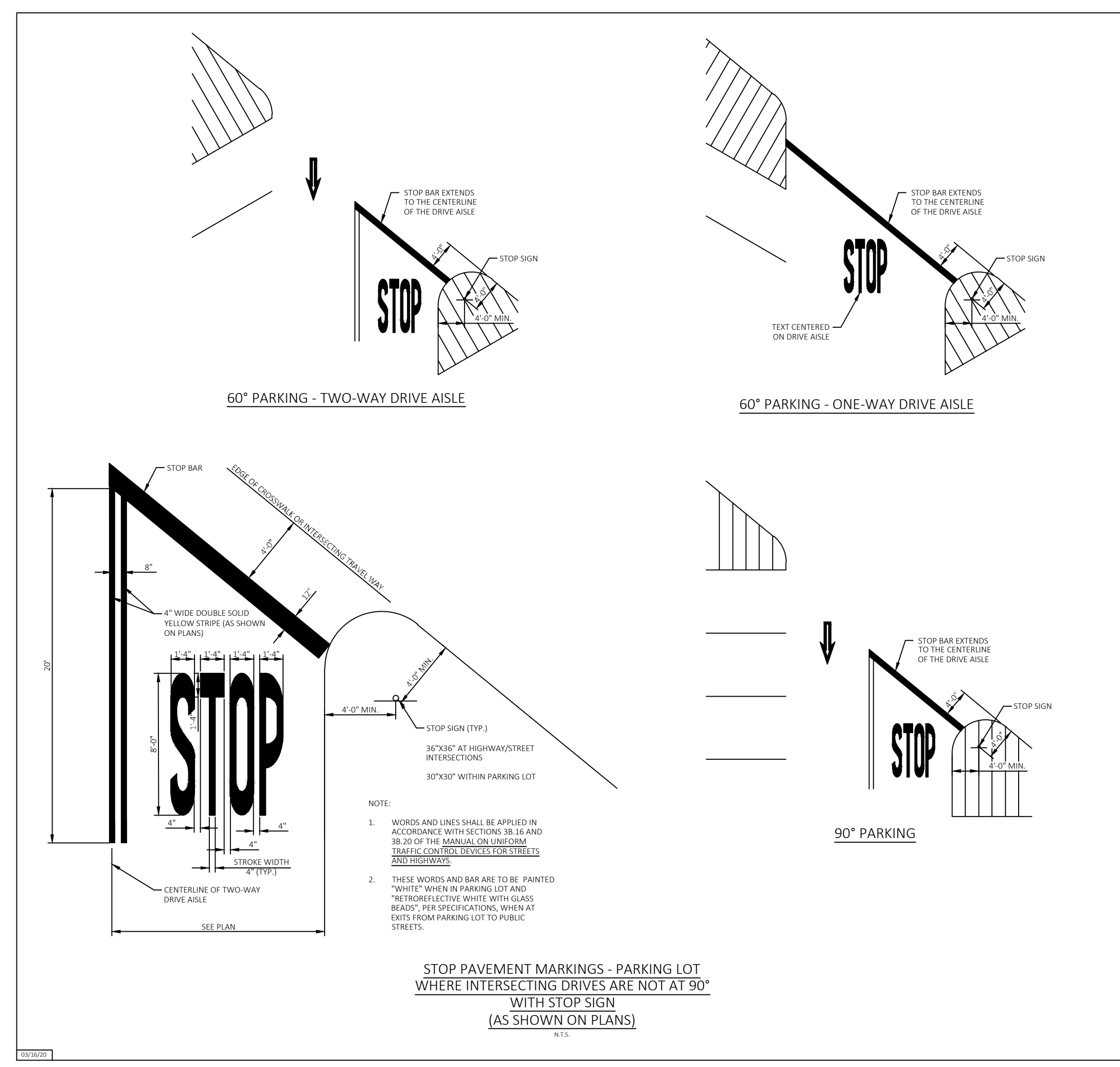
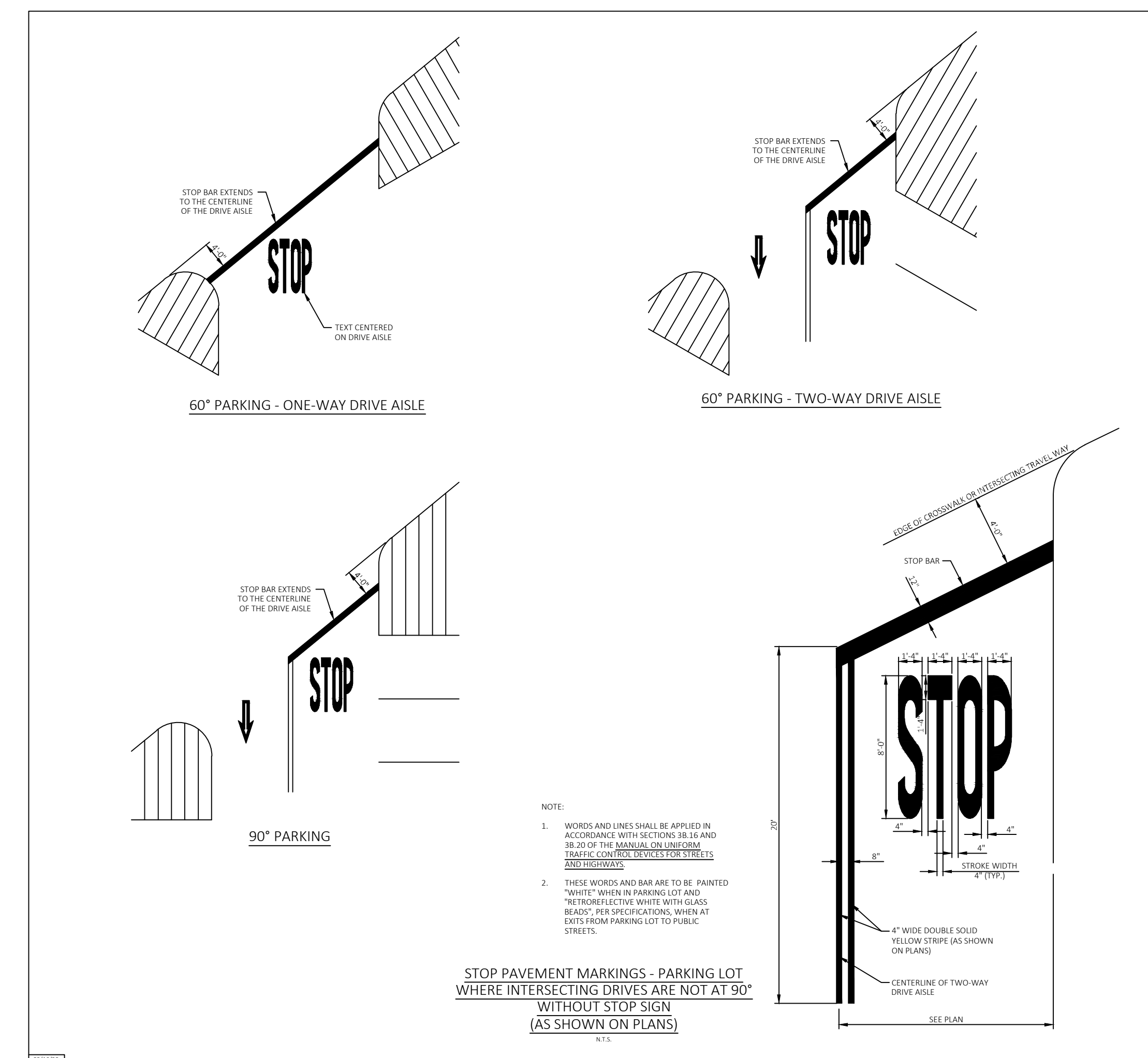
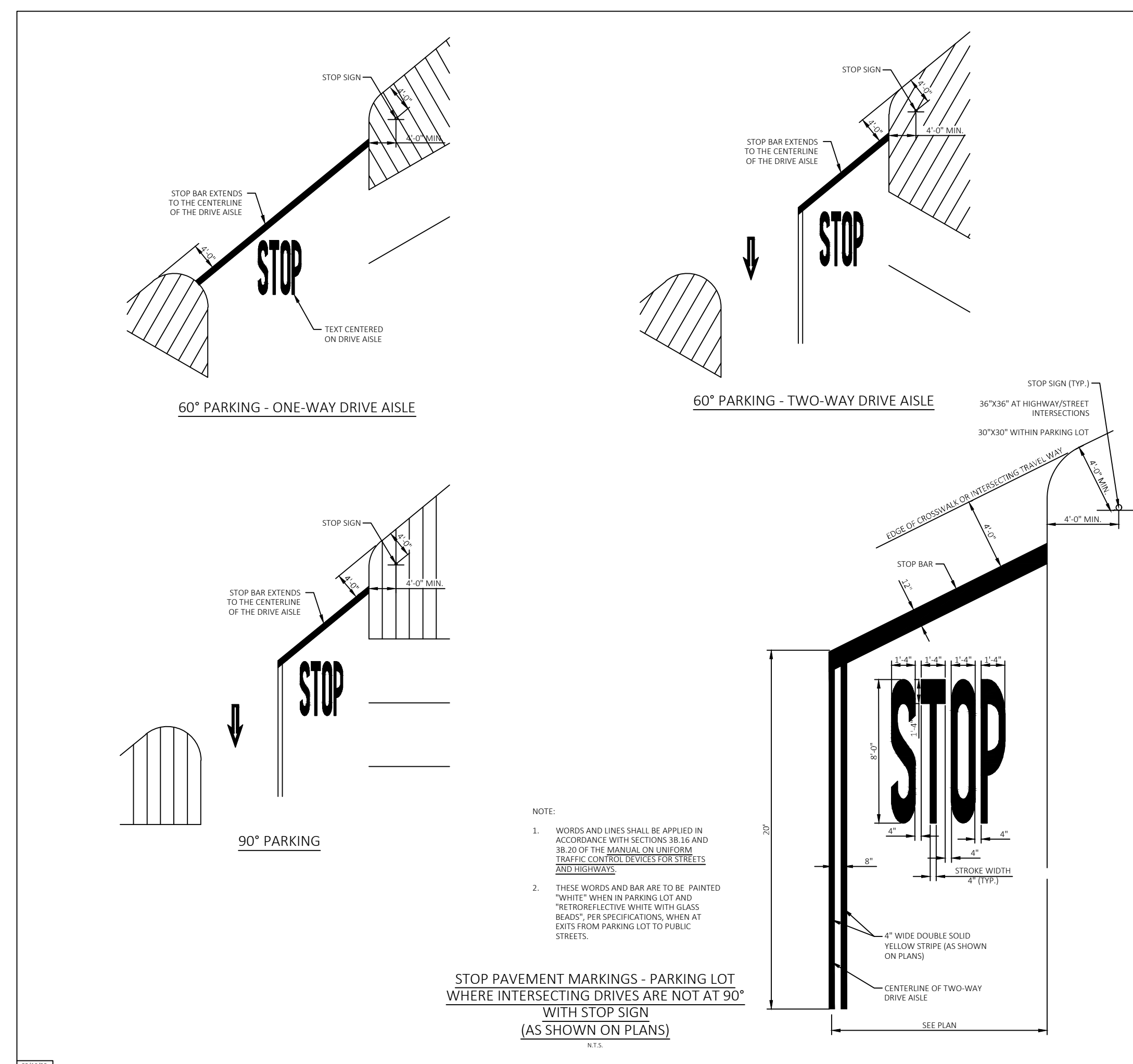
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**SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET**

SITE DEMOLITION SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Demolition of structures, paving, and utilities.
2. Patching and filling voids created as a result of removals or demolition.

1.2 REGULATORY REQUIREMENTS

- A. Compliance with all laws, including Safety Laws, Environmental Laws, Stormwater Laws and Worker Verification Laws as well as requirements found within the Contract Documents and these Specifications, that pertain to Safety Compliance, Environmental Compliance, Stormwater Compliance and Worker Verification Compliance.
B. Notify affected utility companies before starting work and comply with their requirements.
C. Do not close or obstruct public or private roadways, sidewalks, or fire hydrants without appropriate permits or written authorization.
D. If hazardous, contaminated materials or other environmental related conditions are discovered, stop work immediately and notify the Wal-Mart Construction Manager for action to be taken.

1.3 PROJECT CONDITIONS

- A. Conditions existing at time of inspection for bidding purposes will be maintained by Owner as reasonably practical.
B. Unless otherwise indicated in Contract Documents or specified by the Owner, items of salvageable value to Contractor shall be removed from site and structures.

PART 2 - PRODUCTS

2.1 FILL MATERIALS

- A. Fill material shall be aggregate fill materials consisting of stone, gravel, or sand free from debris, trash, frozen materials, roots, and other organic matter.

2.2 CONCRETE

- A. Mix concrete and deliver in accordance with ASTM C 94.
B. Design mix to produce normal weight concrete consisting of Portland cement, aggregate, water reducing admixture, air entraining admixture, and water to produce following:
1. Compressive Strength: 3,500 psi, minimum at 28 days, unless otherwise indicated on the Drawings.
2. Slump Range: 1 to 3-inches at time of placement
3. Air Entrainment: 5 to 8 percent

PART 3 - EXECUTION

3.1 PREPARATION

- A. Provide, erect, and maintain erosion control devices, temporary barriers, and security devices at locations indicated on Construction Drawings.
B. Protect existing landscaping materials, appurtenances, and structures, which are not to be demolished.
C. Prevent movement or settlement of adjacent structures.
D. Mark location of utilities.
E. For work on operating Walmart sites, prior to any underground excavation, contractor is expected to obtain current and representative underground utility plans from Walmart for private utilities that are not located by others.
F. Notify adjacent property owners of work that may affect their property, potential noise, utility outages, or other disruptions.

3.2 GENERAL DEMOLITION REQUIREMENTS

- A. Conduct demolition to minimize interference with adjacent structures or pavements to remain.
B. Cease operations immediately if adjacent structures appear to be in danger.
C. Conduct operations with minimum of interference to public or private access.
D. Sprinkle work with water to minimize dust.
E. Comply with governing regulations pertaining to environmental protection.
F. Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations.

3.3 DEMOLITION

- A. Demolish site improvements designated to be removed as shown on the drawings.
B. Disconnect and cap or remove utilities to be abandoned as shown on the drawings.
C. Fill or remove piping and appurtenances as shown.
D. Demolish concrete and masonry in small sections.

3.4 PATCHING

- A. Where improvements are removed from paved areas, pavements shall be sawcut in straight lines at the perimeter and patched.
B. Pavement patches shall be paved with minimum 6" concrete, broom finished and flush with adjacent grades.

3.5 FILLING VOIDS

- A. Completely fill below grade areas and voids resulting from demolition or removal of structures, etc., using aggregate fill materials consisting of stone, gravel, or sand free from debris, trash, frozen materials, roots, and other organic matter.
B. Areas to be filled shall be free of standing water, frost, frozen or unsuitable material, trash, and debris prior to fill placement.
C. Place fill materials in lifts not to exceed 6 inches loose measure and compacted to 95 percent of maximum laboratory density per ASTM D698 with moisture content of not less than 1 percent below and not more than 3 percent above optimum moisture content.
D. Grade surface to match adjacent grades and to provide flow of surface drainage after fill placement and compaction.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

- A. Remove from site debris, rubbish, and other materials resulting from demolition operations.
B. No burning of any material, debris, or trash on site or off site will be allowed.
C. Transport materials removed from demolished structures with appropriate vehicles and dispose off-site to areas that are approved for disposal by governing authorities and appropriate property owners.

END OF SECTION

PAVEMENT MARKINGS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Painting and marking of pavements, curbs, and guard posts (bollards).

1.2 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced.
B. American Association of State Highway and Transportation (AASHTO):
1. AASHTO M247 - Glass Beads Used in Traffic Paints
2. AASHTO M248 - Ready-Mixed White and Yellow Traffic Paints
C. Master Painter's Institute (MPI):
1. MPI 32 - Traffic Marking Paint, Solvent Based.
2. MPI 97 - Traffic Marking Paint, Latex.
D. ASTM International (ASTM):
1. ASTM D4414 - Standard Practice for Measurement of Wet Film Thickness by Notched Gauges.
E. Federal Specifications (FS):
1. FS A-A-2886 - Paint, Traffic, Solvent Based (supersedes FS TT-P-85 and FS TT-P-115, Type I)
2. FS TT-B-1325 - Beads (Glass Spheres) Retro-Reflective
3. FS TT-P-1952 - Paint, Traffic And Airfield Marking, Waterborne

1.3 PROJECT CONDITIONS

- A. Maintain access for vehicular and pedestrian traffic as required for other construction activities.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Paint shall be waterborne or solvent borne, colors as shown or specified herein.
B. Waterborne Paint: Paints shall conform to FS TT-P-1952 and have MPI 97 approval.
C. Solvent Borne Paint: Paint shall conform to FS A-A-2886 or AASHTO M248 and have MPI 32 approval.
D. Glass Beads: AASHTO M 247, Type I or FS TT-B-1325, Type I, Gradation A.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine the work area and correct conditions detrimental to timely and proper completion of the work.

3.2 PREPARATION

- A. Sweep and clean surface to eliminate loose material and dust.
B. Where existing pavement markings are indicated on Construction Drawings to be removed or would interfere with adhesion of new paint, a motorized abrasive device or soda blasting shall be used to remove the markings.

3.3 CLEANING EXISTING PAVEMENT MARKINGS

- A. Remove existing pavement markings which are in good condition but interfere or conflict with the newly applied marking patterns and as noted on plans.
B. Deteriorated or obscured markings that are not misleading or confusing or do not interfere with the adhesion of the new marking material do not require removal.
C. Apply dust collection system when removing existing pavement markings.

3.4 APPLICATION

- A. Apply two coats of same color of paint as specified below, at manufacturer's recommended rate, without addition of thinner, with maximum of 100 square feet per gallon or as required to provide a minimum wet film thickness of 15 mils and dry film thickness of 7 1/2 mils per coat.
B. Install pavement markings according to manufacturer's recommended procedures for the specified material.
C. Following items shall be painted with colors noted below:
1. Pedestrian Crosswalks: White
2. Exterior Sidewalk Curbs and Guard posts: Yellow
3. Exterior Light Pole Bases: Yellow (unless otherwise noted on Construction Detail).
4. Fire Lanes: Red or per local code.
5. Lane Striping where separating traffic moving in opposite directions: Yellow.
6. Lane Striping where separating traffic moving in the same direction: White.
7. ADA Symbols: Blue or per local code.
8. ADA parking space markings as shown on the drawings.
9. Parking Stall Striping: Yellow, unless otherwise noted on Construction Drawings.
10. Associate Parking Area: White, unless otherwise noted on Construction Drawings.
D. Apply glass beads at pedestrian crosswalk striping and at lane striping and arrows at driveways connecting to public streets.

3.5 FIELD QUALITY CONTROL

- A. Field quality control shall be the responsibility of the Contractor.

3.6 CLEANING

- A. Waste materials shall be removed at the end of each workday.

END OF SECTION

TRAFFIC SIGNS AND SIGNALS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Traffic control signs.
B. Related Requirements:
1. Section 09900 - Painting.

1.2 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced.
B. ASTM International (ASTM):
1. ASTM A53 - Pipe, Steel, Black and Hot\_Dipped, Zinc\_Coated Welded and Seamless.
2. ASTM C94 - Ready Mix Concrete
3. ASTM D4956 - Retroreflective Sheeting for Traffic Control.
C. US Department of Transportation, Federal Highway Administration:
1. Manual on Uniform Traffic Control Devices (MUTCD).

PART 2 - PRODUCTS

2.1 SIGNS

- A. Conform to US Department of Transportation MUTCD. Sign classification, type, size, and color shall be as shown on the drawings
B. Retroreflectivity: Microprismatic type, diamond grade reflective sheeting conforming to ASTM D 4956, Type XI.

2.2 POSTS

- A. Square Post: Square tubular steel sign post, galvanized, 12 ga, perforated full-length with 7/16 inch holes on four sides.
B. Steel Pipe: ASTM A 53, Type E (electric-resistance welded) or Type S (seamless), Grade B, Schedule 40, size as shown on the Drawings.

2.3 CONCRETE

- A. Mix concrete and deliver in accordance with ASTM C 94.
B. Design mix to produce normal weight concrete consisting of Portland cement, aggregate, water reducing admixture, air entraining admixture, and water to produce following:
1. Compressive Strength: 3,500 psi, minimum at 28 days, unless otherwise indicated on the Drawings.
2. Slump Range: 1 to 3-inches at time of placement
3. Air Entrainment: 5 to 8 percent

PART 3 - EXECUTION

3.1 PREPARATION

- A. Field verify underground utilities prior to sign installation.

3.2 INSTALLATION

- A. Install signs as shown on the Drawings and in accordance with MUTCD and manufacturer's instructions.
B. Install signs of the type and at locations shown on the Drawings.
C. Install posts of the type as shown on the drawing.
D. Where shown as painted, field paint steel pipe posts in accordance with Section 09900.

END OF SECTION

SEAL COAT SHALL BE APPLIED WHERE EXISTING MARKINGS ARE REMOVED.

SMALL PROJECT SEAL COAT SPECIFICATION:

IN GENERAL:

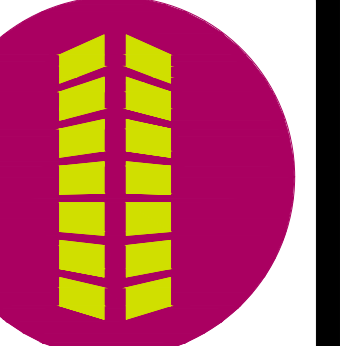
- CRACK FILLING AND OIL SPOT TREATMENTS ARE NOT REQUIRED PRIOR TO SEAL COAT. OTHER THAN THESE EXCEPTIONS, PREPARE AND CLEAN AREA TO BE SEAL COATED CONSISTENT WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATION.

APPROVED MATERIALS:

- 1) STAR PRODUCTS
MICRO-PAVE PRO-BLEND WITH ADDED SAND
SINGLE COAT
2) SEAL MASTER
POLYMER MODIFIED MASTERSEAL WITH ADDED SAND
SINGLE COAT
3) GEM SEAL BLACK DIAMOND XL
WITH ADDED SAND
SINGLE COAT

MATERIALS IDENTIFIED IN SPECIFICATION SECTION 02787 CAN BE USED. COAL TAR BASED SEAL COAT MATERIALS IN ANY FORM ARE PROHIBITED.

Table with 2 columns: REVISIONS, BY. Multiple empty rows for tracking changes.



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Vertical text: SUPERCENTER #03512-211, 11018 MONTGOMERY BOULEVARD NE, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, WAL-MART STORES, INC., BENTONVILLE, AR



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CSS-1

SPECIFICATIONS SHEET

SEAL COAT SPECIFICATION  
PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Seal coats using a polymer-modified asphalt emulsion blended with fine aggregate.
- B. Related Requirements:
1. Site Demolition Specification
  2. Pavement Markings Specification
  3. Traffic Signs and Signals Specification

1.2 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. Publications are referenced within the text by the basic designation only.
- B. ASTM International (ASTM)
1. ASTM C 136 - Method of Sieve Analysis of Fine and Coarse Aggregate
  2. ASTM D 217 - Method for Cone Penetration of Lubricating Grease
  3. ASTM D 244 - Test Methods for Emulsified Asphalts
  4. ASTM D 562 - Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscosimeter
  5. ASTM D 977 - Emulsified Asphalt
  6. ASTM D 2397 - Cationic Emulsified Asphalt
  7. ASTM D 2042 - Method for solubility of Asphalt Materials in Trichloroethylene
  8. ASTM D 3910 - Practice for Design, Testing, and Construction of Slurry Seal
  9. ASTM D 6690 - Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements

1.3 ADMINISTRATIVE REQUIREMENTS

- A. Pre-installation Meeting: Convene a pre-installation meeting at the site at least two weeks prior to commencing work of this Section. Require attendance of parties directly affecting work of this Section, including, but not limited to, the store manager, Contractor, and job foreman.
1. Contact Wal-Mart Construction Manager three weeks prior to pre-installation conference to confirm schedule.
  2. Record discussions of meeting and decisions, agreements reached, and furnish copy of record to each party attending. Review foreseeable methods and procedures related to paving work, including the following:
    - a. Review preparation and installation procedures and coordinating and scheduling required with related work (including all required striping).
    - b. Review proposed sources of materials.
    - c. Tour, inspect, and discuss condition of existing pavement and other preparatory work such as patching and crack sealing. If crack sealing is needed (reference section 2.4.C below) or other areas of pavement distress are noted during tour, submit appropriate RFI to project team for review.
    - d. Review requirements for protecting paving work, including restriction and redirection of traffic during installation and curing period.
    - e. Review and finalize construction schedule and verify availability of materials, installer's personnel, equipment, traffic control devices, and facilities needed to make progress and avoid delays.
    - f. Review paving requirements (drawings, specifications, and other contract documents).
    - g. Review weather and forecasted weather conditions, and procedures for coping with unfavorable conditions.
  - h. Review health and safety precautions relating to handling and placement of seal coat.

1.4 QUALITY ASSURANCE

- A. Contractor Qualifications: The seal coat applicator shall have not less than 3 years documented experience in the application of emulsion seal coats.

1.5 SITE CONDITIONS

- A. Weather Limitations: Apply seal coat only under the following weather conditions:
1. The atmospheric temperature is between 50 and 90 F and is expected to remain above 50 F for 24 hours.
  2. Pavement temperature is above 55 F.
  3. Surface is dry and no moisture is expected within 24 hours.
  4. Weather and wind conditions are such that overspray is preventable and will allow proper curing and opening to traffic within a reasonable time.
- B. Maintain access for vehicular and pedestrian traffic as required by the Wal-Mart Store and Construction Manager. Utilize temporary striping, flagmen, barricades, warning signs, and warning lights as required.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Aggregate: Aggregate shall be 100 percent passing the No. 16 (1.18 mm) sieve when tested in accordance with ASTM C 136. Aggregate shall consist of hard, washed, dry natural or manufactured particles free of dust, trash, clay, organic materials or other contaminants.
- B. Asphalt Emulsion: Comply with ASTM D977 or ASTM D2397 for SS-1h or CSS-1h. The penetration of the residue from the distillation test shall be 20 to 60. Clay stabilized emulsion, with a pH not greater than 7.0, and solids content not less than 45 percent may be used. The polymer material shall be milled or blended into the asphalt or emulsifier solution prior to the emulsification process. The minimum amount and type of polymer modifier shall be determined by the laboratory performing the mix design.
- C. Coal Tar: Coal tar emulsion or coal tar/asphalt emulsion shall not be used as a substitute for asphalt emulsion.
- D. Water: Water shall be potable and free of harmful soluble salts or reactive chemicals and any other contaminants and at least 50 F.
- E. Additives: Additives shall be included and approved as part of the mix design and be compatible with the other components of the mix.
- F. Crack Sealant: Crack sealant shall conform to ASTM D6690, Type II or higher and compatible with the specified seal coat emulsion.

2.2 COMPOSITION

- A. Composition. Seal coat shall consist of a mixture of the specified emulsion, water, aggregate, and additives and be proportioned to meet the requirements shown in the following Table 1.

TABLE 1 - Undiluted Seal Coat Design Properties

Method	Minimum	Maximum
Weight (per gallon), ASTM D 244, lbs	9.0	
Cone Penetration, ASTM D 217, mm	340	700
% Non-Volatile <sup>1</sup>	50	
% Non-Volatile Residue Soluble in Trichloroethylene, ASTM D 2042	10	35
Wet Track Abrasion Loss, ASTM D 3910, g		35
Viscosity, ASTM D 562, KU	75	
Dried Film Color	Black	

<sup>1</sup>Weigh 10 g of homogeneous product into a previously tared, small ointment can. Place in an oven at 325°F for 90 minutes. Cool, reweigh and calculate non-volatile residue as a percent of the original mass.

2.3 EQUIPMENT

- A. Distributors. Distributors or spray units used for the spray application of the seal coat shall be self-propelled and capable of uniformly applying 0.10 to 0.30 gallons per square yard of material over the required width of application. Distributors shall be equipped with tachometers, pressure gauges, and volume measuring devices. The mix tank shall have a mechanically powered, full sweep, mixer with sufficient power to move and homogeneously mix the entire contents of the tank.
- B. Spray Nozzles. Nozzles shall be free from clogs and debris and set at the same angle.
- C. Mixing Equipment. The mixing machine shall have a continuous flow mixing unit capable of accurately delivering a predetermined proportion of aggregate, water, and emulsion, and of discharging the thoroughly mixed product on a continuous basis. The mixing unit shall be capable of thoroughly blending all ingredients together and discharging the material without segregation.
- D. Spreading Equipment. Spreading equipment shall be a mechanical type squeegee/brush distributor attached to the mixing machine, equipped with flexible material in contact with the surface to prevent loss of slurry from the spreader box. It shall be maintained to prevent loss of slurry on varying grades and adjusted to assure uniform spread. There shall be a lateral control device and a flexible strike off capable of being adjusted to lay the slurry at the specified rate of application. The spreader box shall have an adjustable width. The box shall be kept clean. Emulsion and aggregate build up on the box shall not be permitted.
- E. Clean equipment with a petroleum solvent if previously used with a different material.
- F. Hand Squeegee or Brush Application. Hand spreading application shall be used only in places not accessible to the mechanized equipment or to accommodate neat trim work at curbs, etc. Material that is applied by hand shall meet the same standards as that applied by machine.
- G. Calibration. Spreading equipment shall be provided with a method of calibration by the manufacturer. Equipment shall be calibrated to assure that it will produce and apply a mix that conforms to the job mix formula. Calibrations shall be made with the approved job materials prior to application of the seal coat.

2.4 PREPARATION

- A. Remove all existing striping in areas subject to seal coating as noted in plans. Reference applicable specification section in Site Demolition.
- B. Remediate distressed areas of existing pavement by saw-cutting and removing existing pavement, regrading and compacting the underlying base course and replacing with full depth asphalt at locations and as shown on the drawings.
1. Repairs not specifically shown on the plans but considered necessary by the contractor, store manager or construction manager (CM) shall be identified and submitted as an RFI to the project team prior to commencement of repairs.
  2. Repairs submitted by RFI and approved shall be performed as directed by the CEC. Cost for such work directed and performed will be paid for in accordance with the "Changes in the Work" Clause of the General Conditions.
- C. Longitudinal and traverse cracks in excess of 0.25 inch, but less than 1 inch shall be sealed with a crack sealant. Cracks that contain weed or other live vegetable matter shall be treated with a locally approved, non-oil based sterilant prior to applying the crack filler.
- D. Existing crack sealants in the parking lot shall be evaluated for compatibility with the specified emulsion. If not compatible with each other they can't be used together. Immediately prior to applying the seal coat, the surface shall be cleared of all loose material, dirt, dust, grease, oil, vegetation and other objectionable material. If water is used, cracks shall be allowed to dry thoroughly before applying the seal coat.
- E. Protect existing manholes, inlets, vaults, valve boxes, meter boxes, etc. as necessary to maintain free accessibility upon completion of seal coat application. Surfaces adjacent to seal coat application areas such as sidewalks, curb and/or gutter, storefronts, etc. shall be protected by use of felt paper anchored with clean aggregate, or by shielding components with plywood during application.
- F. Coordinate limits of seal coat application operations with Owner's Construction Manager and Store Manager to avoid interruption to store operations. Protect adjacent areas of the parking lot outside of current seal coat application limits to avoid tracking onto adjacent areas. Partition off limits of current seal coat operations until surface is traffic ready.
- G. Coordinate with Store Manager to deactivate lawn sprinkler systems least 48 hours prior to placing the seal coat and remain off for at least 24 hours after the seal coat application.

2.5 APPLICATION

- A. Apply seal coat at a total rate (undiluted) of 0.17gal./SY.
- B. Dampen pavement with a fog spray of water if ambient temperatures exceed 80°F. No standing water shall remain on the surface.
- C. Apply the coat uniformly in a manner such that the combined application of the coat equals the total rate specified above.
- D. Suspend application when the distribution tank has less than 100 gallons left and refill to prevent irregular patterns or misses.
- E. The coat shall be allowed to dry and cure initially a minimum of 2-4 hours before applying any markings. The initial drying shall allow evaporation of water of the applied mixture, resulting in the coating being able to sustain light foot traffic. The initial curing shall enable the mixture to withstand vehicle traffic without damage to the seal coat.
- F. The finished surface shall present a uniform texture with no streaks.
- G. The single coat shall be allowed to dry a minimum of eight hours in dry daylight conditions before opening to traffic, and initially cure enough to support vehicular traffic without damage to the seal coat.
- H. Where marginal weather conditions exist during the eight hour drying time, additional drying time shall be allowed. The length of time shall be as specified by the supplier. The surface shall be checked after the additional drying time for trafficability before opening the section to vehicle traffic.

END OF SECTION

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