

ADMINISTRATIVE AMENDMENT

FILE #: _____ PROJECT #: _____

APPROVED BY

DATE

COSTCO WHOLESALE

9955 COORS BYPASS NW
ALBUQUERQUE, NM 87114

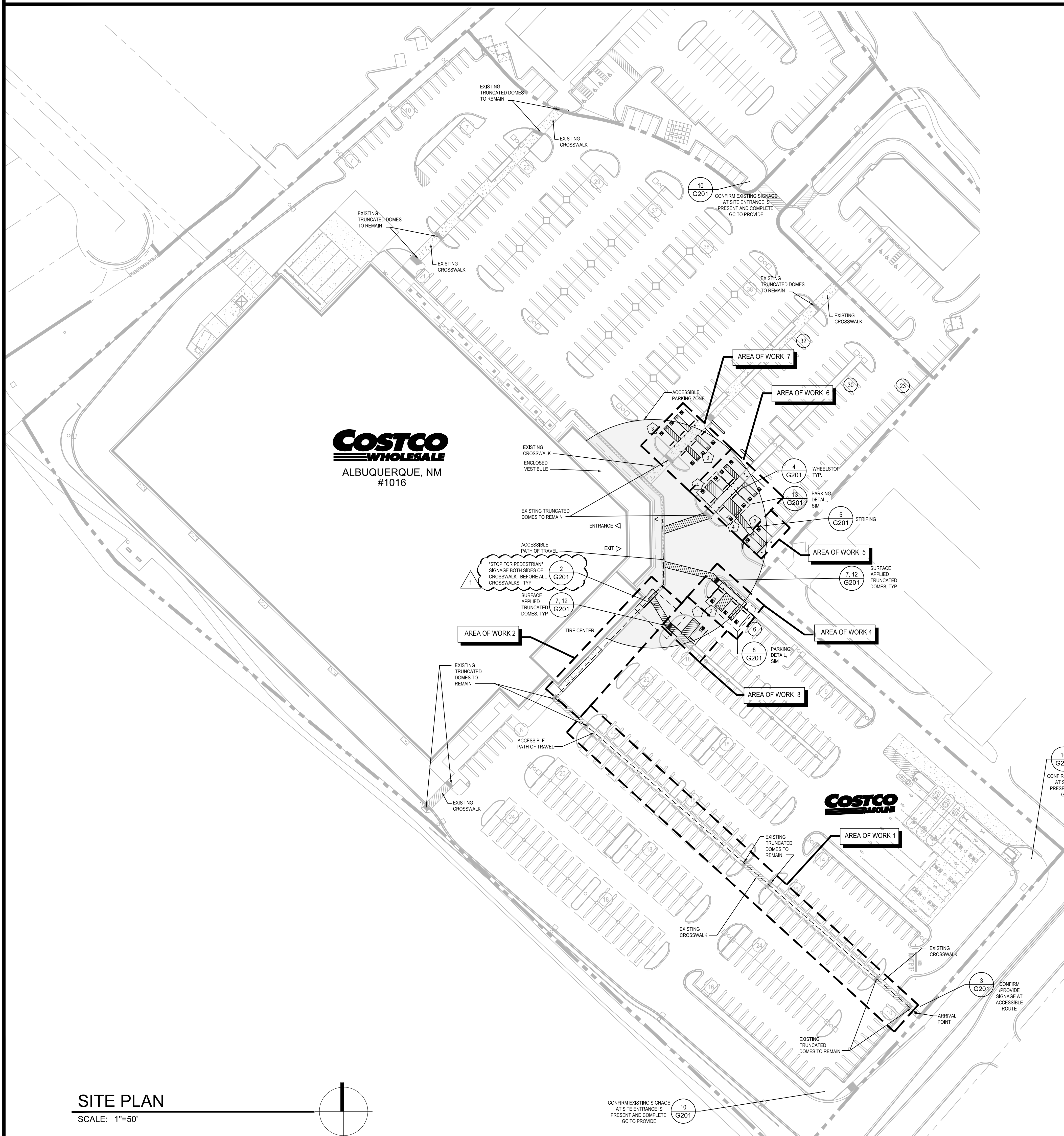
**COSTCO
WHOLESALE**
NW ALBUQUERQUE, NM
#1016
9955 COORS BYPASS NW
ALBUQUERQUE, NM 87114

**COSTCO
WHOLESALE
CORPORATION**
999 LAKE DRIVE
ISSAQUAH, WA 98027
T: 425.313.8100
www.costco.com

1101 Second Ave, Ste 100
Seattle, WA 98101
206.962.6500
MG2.com



**ADA SITE
UPGRADE**



PROJECT DATA

CLIENT:	COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027	PARKING DATA:	EXIST. PARKING: ○ 10' WIDE STALLS: 601 STALLS ○ ACCESSIBLE STALLS: 20 (5 VAN) STALLS TOTAL PARKING: 621 STALLS
PROJECT ADDRESS:	9955 COORS BLVD BYPASS NW ALBUQUERQUE, NM 87114	PROPOSED PARKING PROVIDED:	○ 10' WIDE STALLS: 600 STALLS ○ ACCESSIBLE STALLS: 20 (5 VAN) STALLS TOTAL PARKING: 620 STALLS
ZONING:	COMMERCIAL/RETAIL	REQUIRED ACCESSIBLE PARKING	2% OF STALLS PROVIDED TO BE ACCESSIBLE .02 X 601 = 13 ACCESSIBLE STALLS REQUIRED 20 ACCESSIBLE STALLS PROVIDED 1 OUT OF 6 TO BE VAN ACCESSIBLE (4 REQUIRED 4 PROVIDED)
SITE AREA:	17.02 ACRES (741,697 S.F.)	NOTES:	EXISTING CONDITIONS TO BE FIELD VERIFIED.
COSTCO PROPERTY:	14.18 ACRES (617,769 S.F.)		
JURISDICTION:	CITY OF ALBUQUERQUE, NM		
BOUNDARIES:			
INFORMATION:	THIS PLAN HAS BEEN PREPARED BY USING INFORMATION ON SITE PLAN BY GEORGE RAINHART ARCHITECTS AND ASSOC. PC DATED 1/17/2008		
BUILDING DATA:	EXIST. BUILDING AREA: 127,970 S.F. EXIST. TIRE CENTER: 5,058 S.F.		
	EXIST. TOTAL BUILDING FOOTPRINT: 133,028 S.F.		

PROJECT DIRECTORY

OWNER	COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027 t: 425.313.8100
ARCHITECT	MG2 CORPORATION 1101 SECOND AVENUE SUITE 100 SEATTLE, WA 98101 t: 206.962.6500 PROJECT MANAGER: ALISON MCCLELLAN
CIVIL	BARGHAUSEN ENGINEERING 18215 72ND AVENUE S KENT, WA 98032 t: 425.251.6222 PROJECT MANAGER: MEGAN PALMER

DRAWING INDEX

ARCHITECTURAL	TS101 TITLE SHEET & SITE PLAN G201 ACCESSIBILITY FEATURES & SITE DETAILS
CIVIL	C1.0 COVER SHEET C1.1 STANDARD NOTES C1.2 EXISTING CONDITIONS MAP C1.3 EXISTING CONDITIONS MAP C1.4 EXISTING CONDITIONS MAP C2.0 TESS AND DEMOLITION PLAN C3.0 SITE PLAN C3.1 SITE PLAN C4.0 GRADING AND DRAINAGE PLAN

CODE SUMMARY

CITY OF ALBUQUERQUE ADOPTED CODES:
2015 NEW MEXICO COMMERCIAL BUILDING CODE
2020 CITY OF ALBUQUERQUE, NEW MEXICO CODE OF ORDINANCES
2009 ICC ANS1 A117.1

TYPE OF CONSTRUCTION: V-B, FULL SPRINKLERED
OCCUPANCY GROUP: MERCANTILE
TOTAL BUILDING AREA: 154,539 S.F. (REMAIN UNCHANGED)

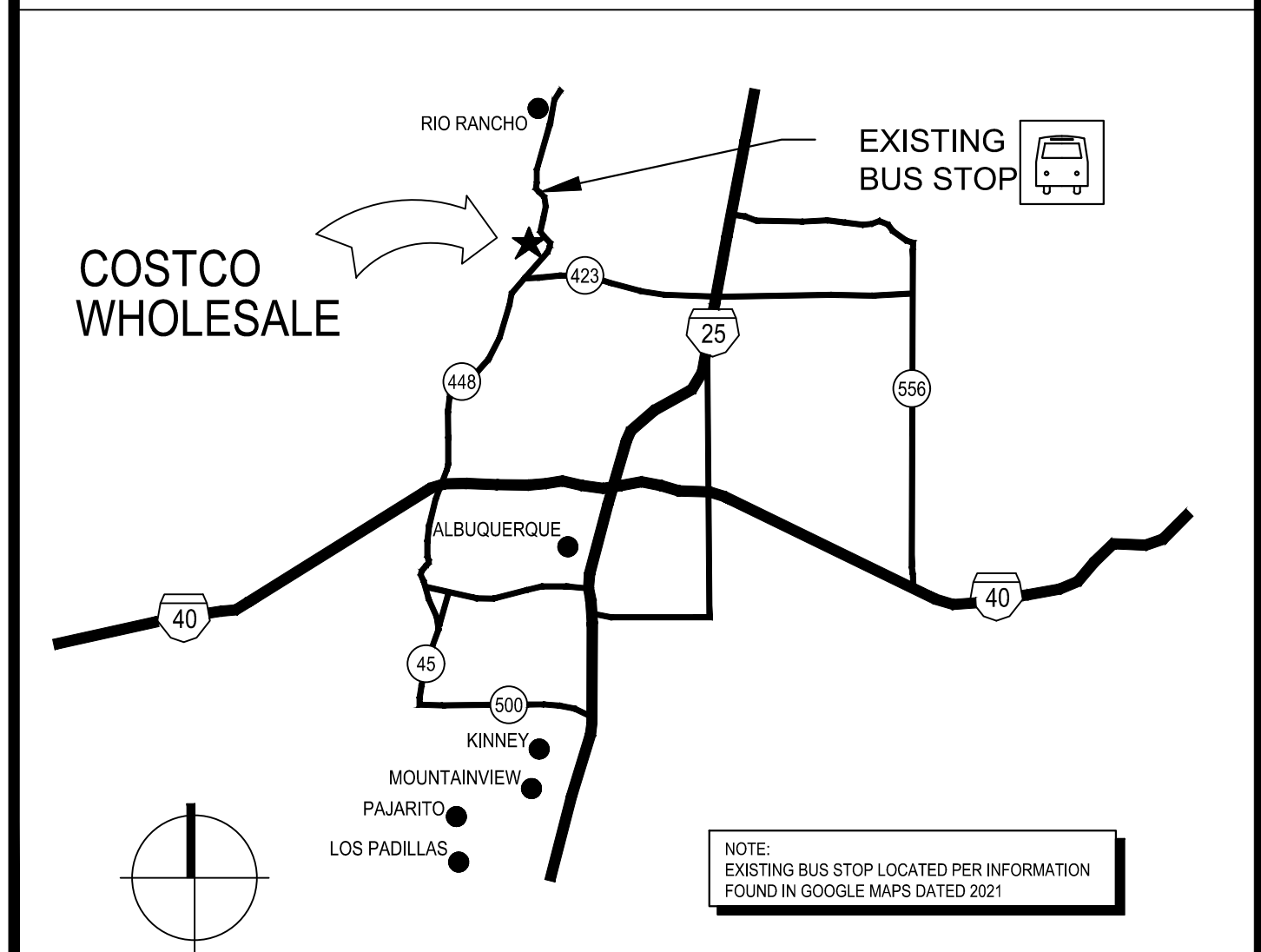
PROJECT DESCRIPTION

PARKING AND SITE UPGRADE FOR ADA COMPLIANCE.

SCOPE OF WORK

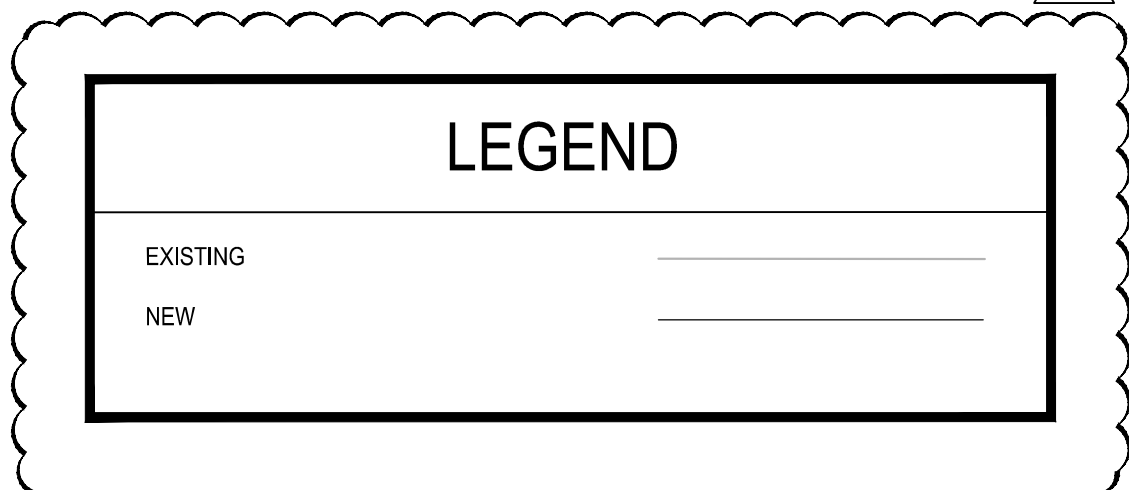
ON SITE:
THE WORK CONSISTS OF THE REMOVAL OF EXISTING STRIPING, PARKING SYMBOLS, SIGN POSTS, CURB STOPS, AND THE SALVAGE OF ACCESSIBILITY SIGNAGE. TO PROVIDE NEW STRIPING AND PARKING SYMBOLS, AND THE INSTALLATION OF NEW CURB STOPS, SIGN POSTS, AND NEW/RELOCATED ACCESSIBLE SIGNS AND ADDITION OF ADA COMPLIANT CURB RAMPS ALONG THE ACCESSIBLE ROUTE.

VICINITY MAP



PROJECT GENERAL NOTES

1. THESE GENERAL NOTES APPLY TO THE ENTIRE PROJECT AND APPLY TO ALL TRADES.
2. WHERE OCCURS, REFER TO THE ENGINEERING CONSULTANT DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
3. SEE CIVIL DRAWINGS FOR FULL SCOPE INCLUDING DIMENSIONS AND GRADING.
4. CONDITIONS AND DIMENSIONS SHOWN ON SITE PLANS ARE FROM A SURVEY PREPARED BY OTHERS OR FROM AVAILABLE RECORDS. THE ARCHITECT BEARS NO RESPONSIBILITY FOR THE ACCURACY OF INFORMATION SHOWN. REFER TO CIVIL ENGINEER DRAWINGS FOR ADDITIONAL SCOPE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING INFORMATION SHOWN PRIOR TO STARTING THE WORK.
5. THE CONTRACTOR SHALL TAKE ALL POSSIBLE CARE TO AVOID DAMAGE OR DISTURBANCE TO EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY CONTRACTOR-CAUSED DAMAGE TO THE UTILITIES. SUCH REPAIRS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE AND IN SUCH A MANNER AS TO BE LEAST-DISRUPTIVE AS POSSIBLE TO THE OWNER'S OPERATIONS.
6. WHERE OCCURS, ALL HEIGHTS ARE DIMENSIONED FROM THE TOP OF THE SLAB (ALSO NOTED AS FINISHED FLOOR OR INDICATED BY THE "DATUM" SYMBOL) UNLESS NOTED OTHERWISE.
7. VERIFY ALL DIMENSIONS OF EXISTING CONDITIONS. NEITHER THE ARCHITECT NOR HIS CONSULTANTS ARE RESPONSIBLE FOR THE ACCURACY OF THESE DIMENSIONS. IF EXISTING CONDITIONS OR DIMENSIONS ARE NOT AS SHOWN, IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
8. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT FURNISHED AND/OR INSTALLED BY THE CONTRACTOR, SUBCONTRACTORS, OWNER OR OTHERS.
9. ALL WORK IS TO BE PLUMB, LEVEL, TRUE TO LINE, AND STRAIGHT.
10. ALL JOINTS ARE TO BE TIGHT, STRAIGHT, EVEN, AND SMOOTH.
11. ALL MATERIAL IS NEW UNLESS NOTED OTHERWISE.
12. WHERE OCCURS, PROVIDE ALL FASTENERS AND CONNECTIONS (WHETHER INDICATED OR NOT) NECESSARY TO ASSEMBLE THE WORK.
13. REPAIR, PATCH, OR REPLACE PORTIONS OF WORK THAT ARE DAMAGED, LIFTED, DISCOLORED, OR SHOWING OTHER IMPERFECTIONS.
14. CONSTRUCTION ACTIVITIES SHALL NOT AFFECT THE OWNER'S OPERATIONS. LOUD ACTIVITIES (JACK-HAMMERING, SAW-CUTTING, ETC.) AND ANY WORK REQUIRING INTERRUPTIONS OF UTILITIES (WATER, ELECTRICITY, GAS, FIRE SPRINKLERS/ALARM, SEWER, ETC.) SHALL BE PERFORMED DURING NON-BUSINESS HOURS AS APPROVED BY THE OWNER. ENSURE UNINTERRUPTED SECURITY AND PHONE SYSTEMS OPERATION.
15. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY AND SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNS, REFLECTORS, LIGHTS, ETC. TO PROPERLY IDENTIFY AREAS CLOSED TO THE PUBLIC AND FOR PROVIDING SAFETY ALERTS DURING CONSTRUCTION.
16. ALL WORK IS TO COMPLY WITH THE APPLICABLE CODES. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING REGULATION.



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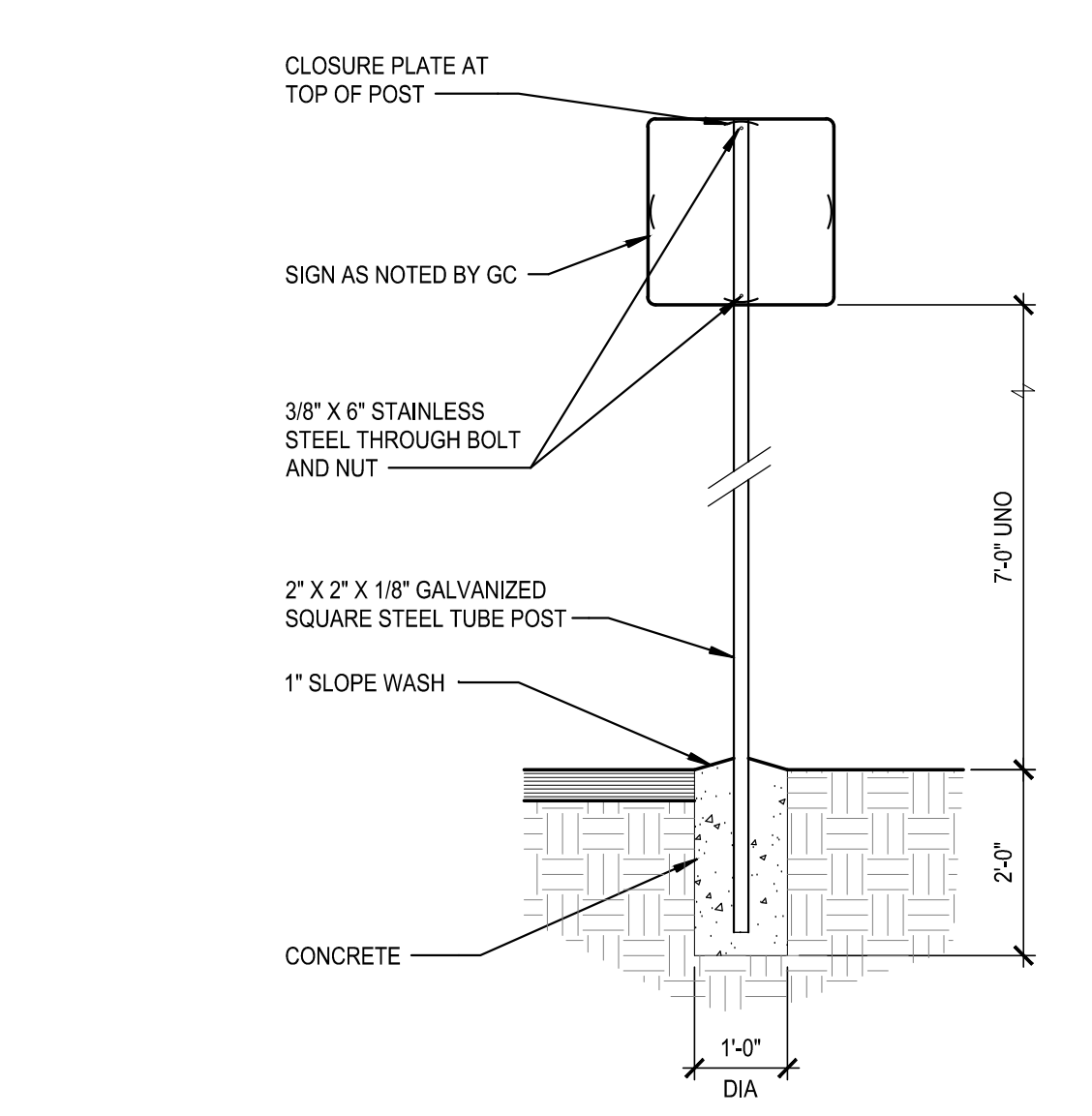
DATE	DESCRIPTION
08.20.21	PERMIT / BID SET
11.19.21	PERMIT REVISIONS

05-0374-07
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DRAWN: LP

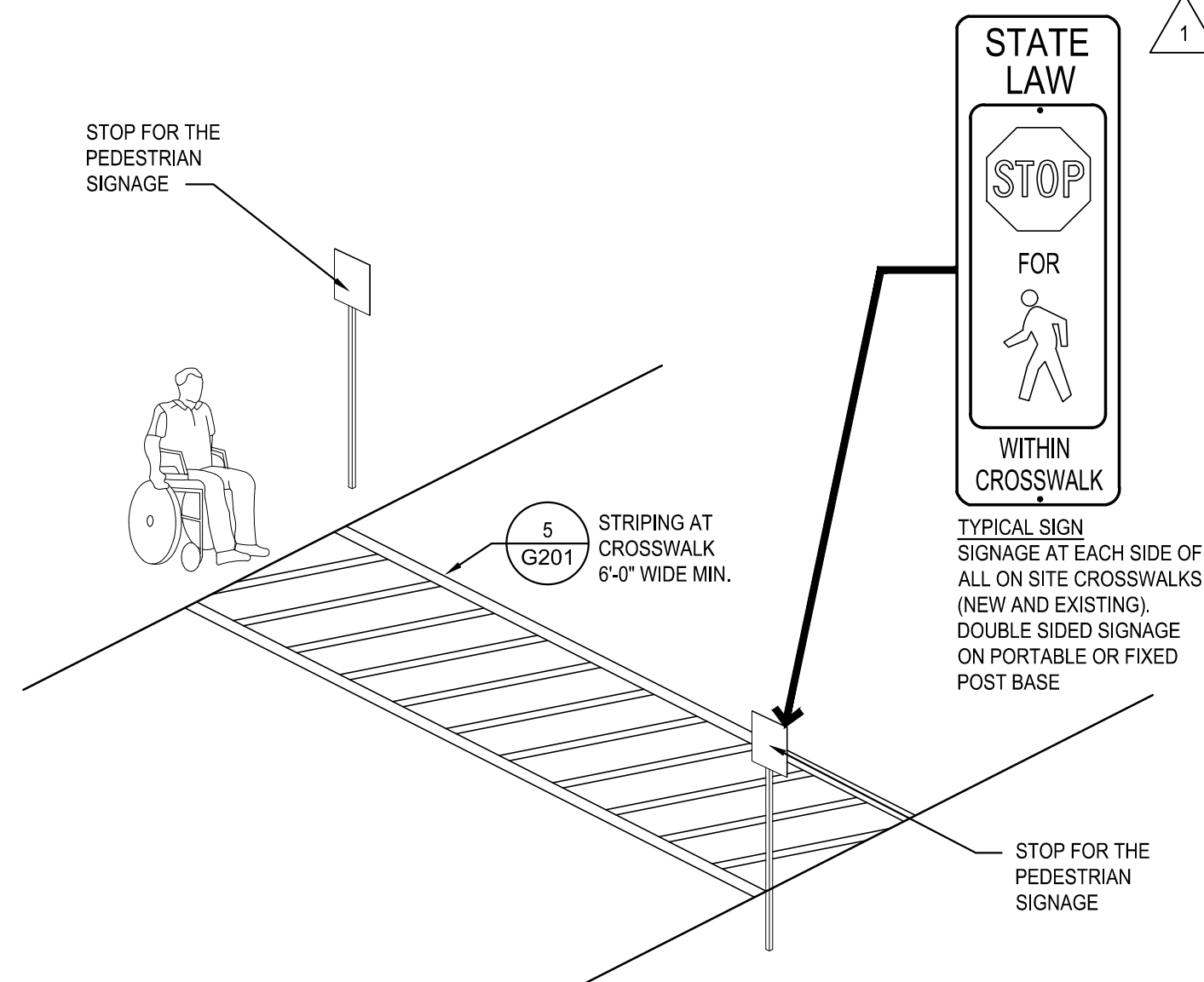
**TITLE SHEET
& SITE PLAN**

TS101

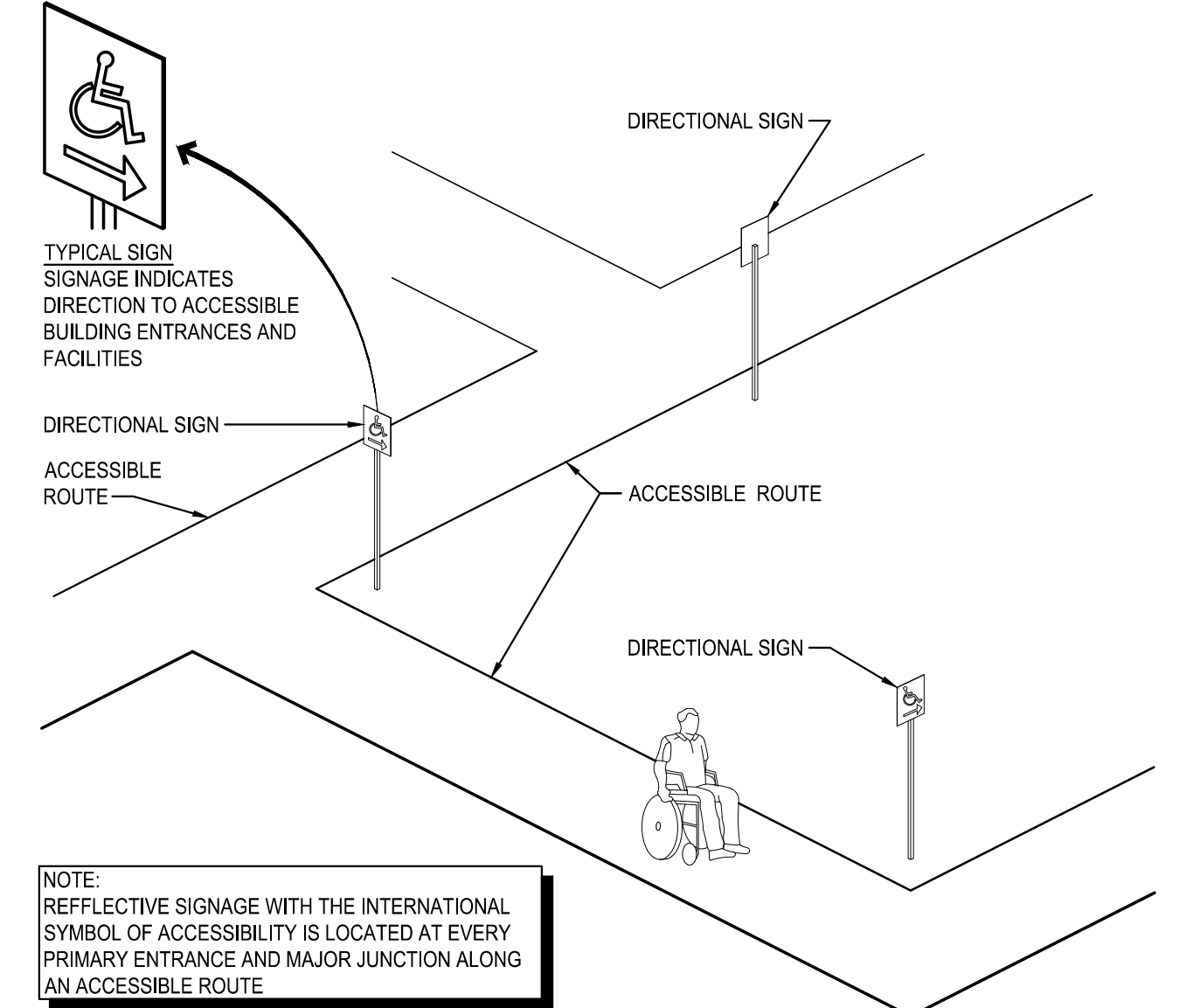
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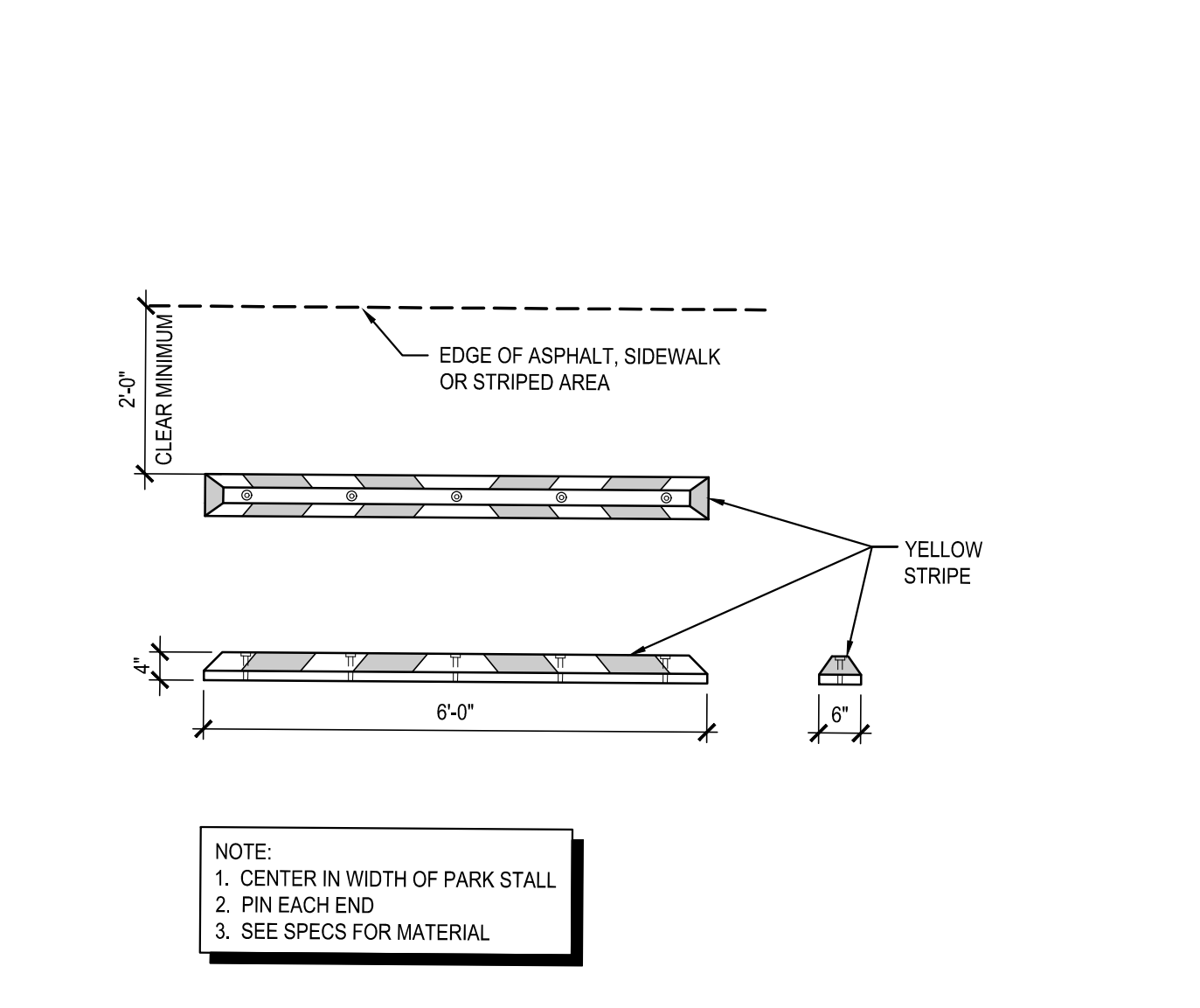
1 SITE SIGNAGE POST
 SCALE: 1/2" = 1'-0" 0521



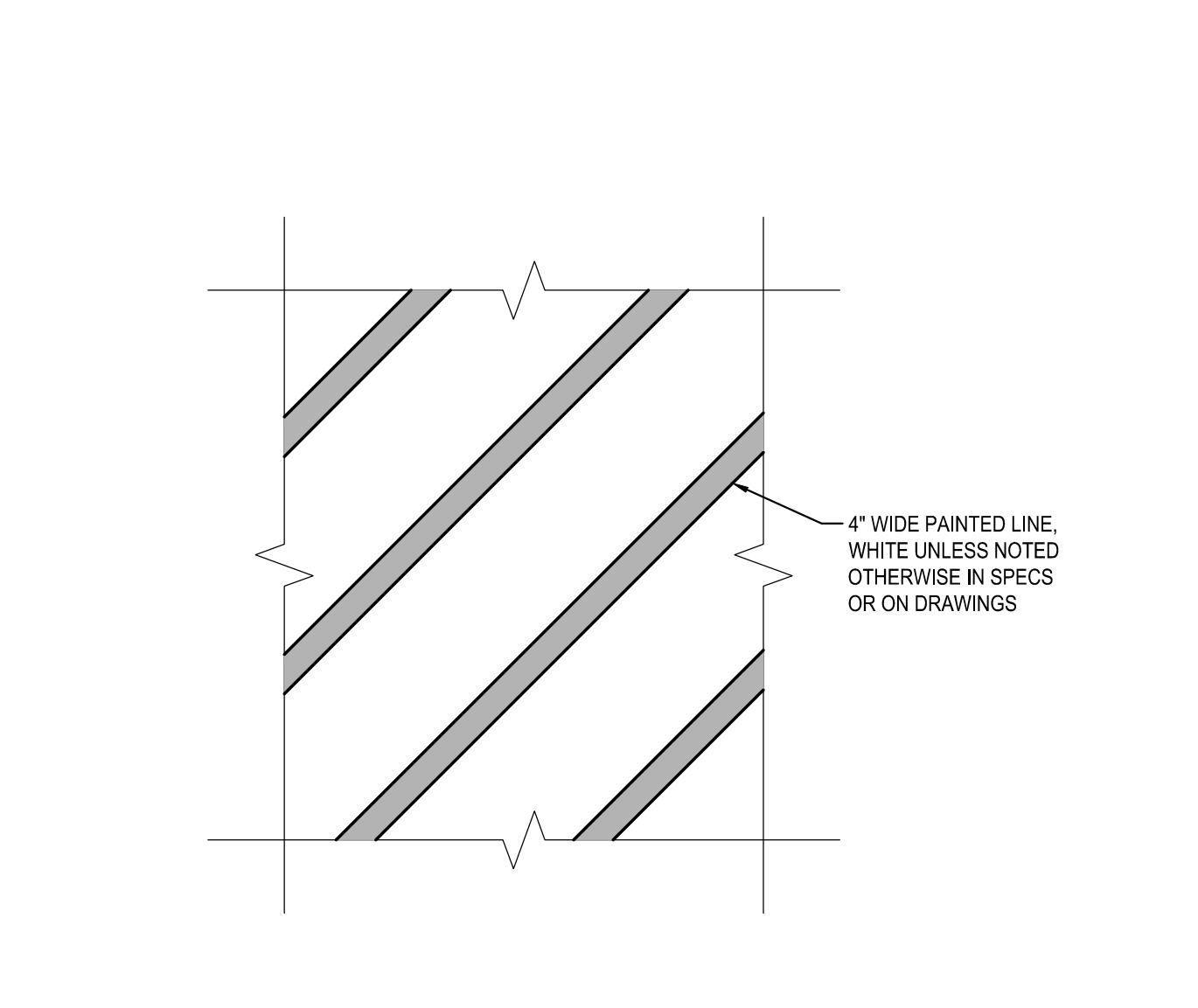
2 STOP FOR PEDESTRIAN SIGNAGE
 SCALE: NOT TO SCALE



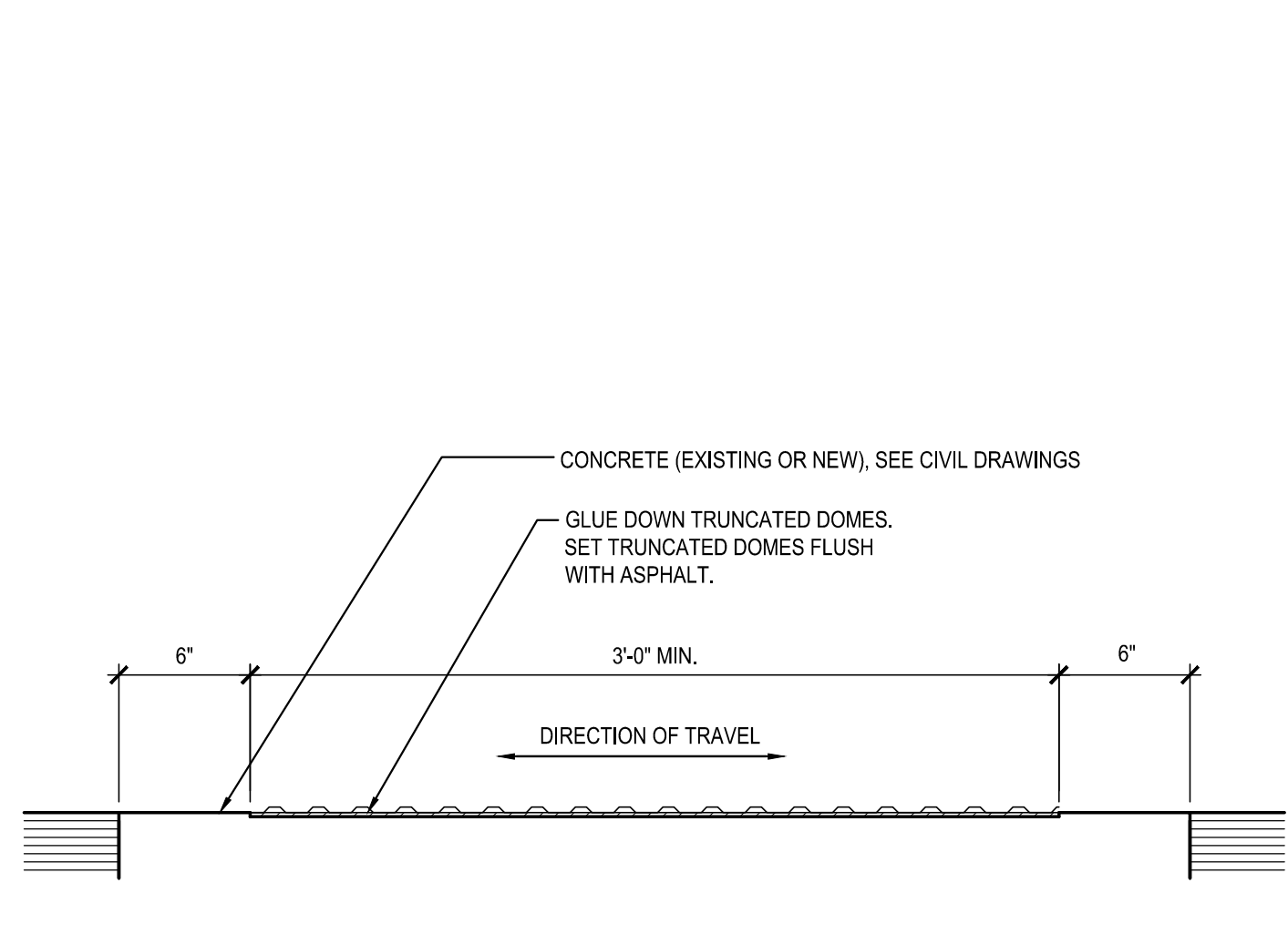
3 SIGNAGE AT ACCESSIBLE ROUTE
 SCALE: NOT TO SCALE 0108



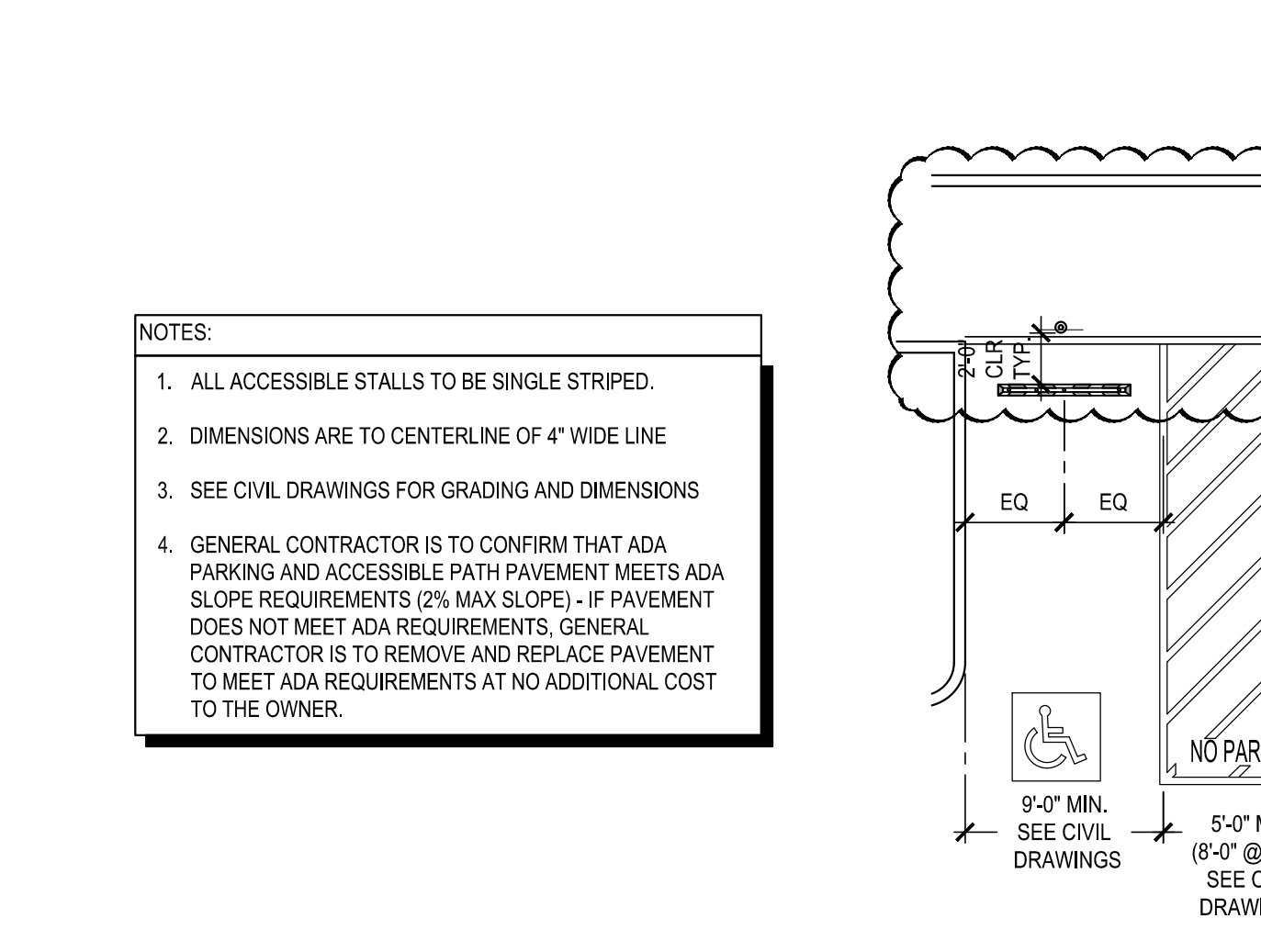
4 WHEEL STOP
 SCALE: 1/2" = 1'-0" 0616



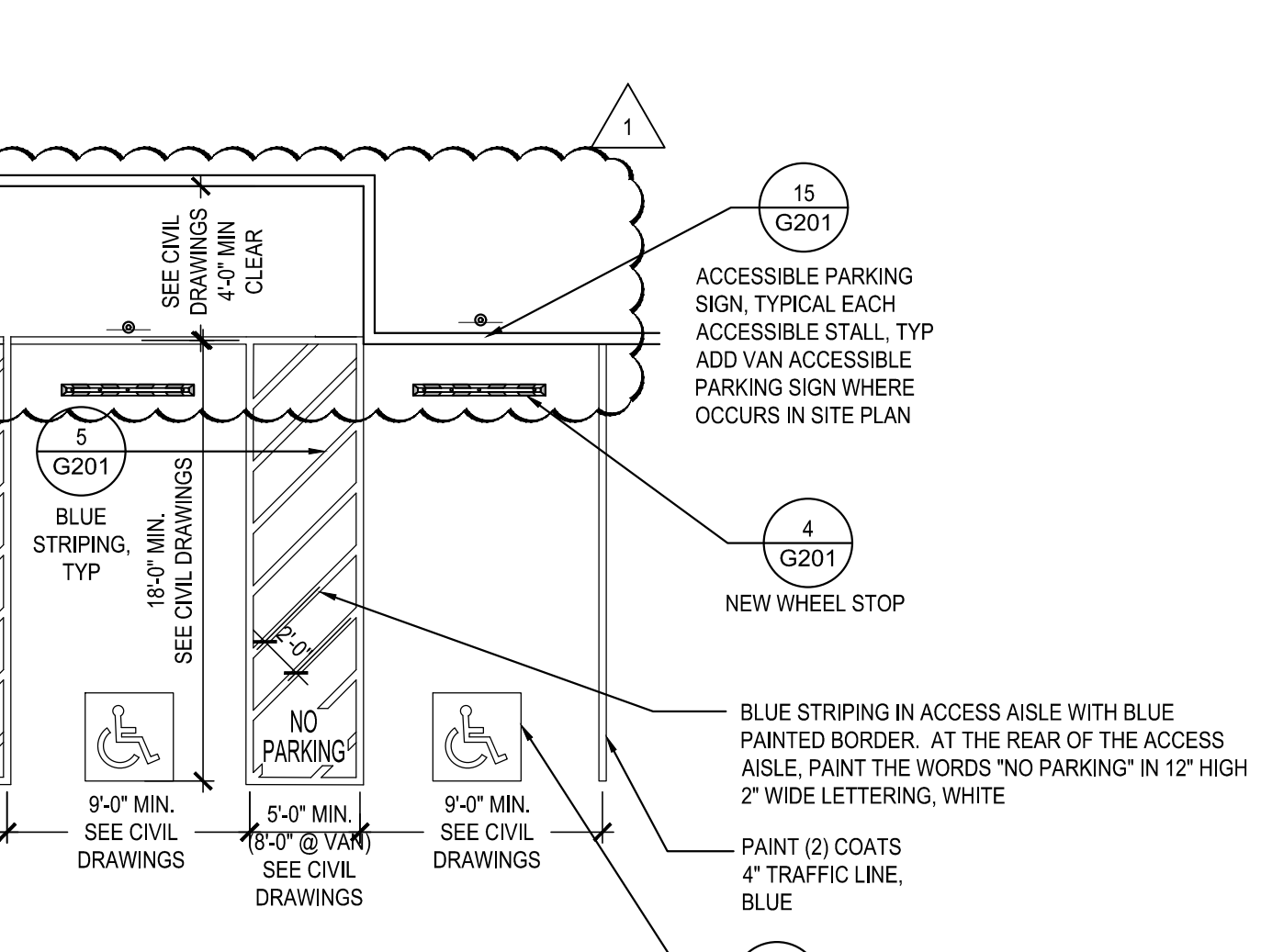
5 PAINTED STRIPE
 SCALE: 1/2" = 1'-0" 0515



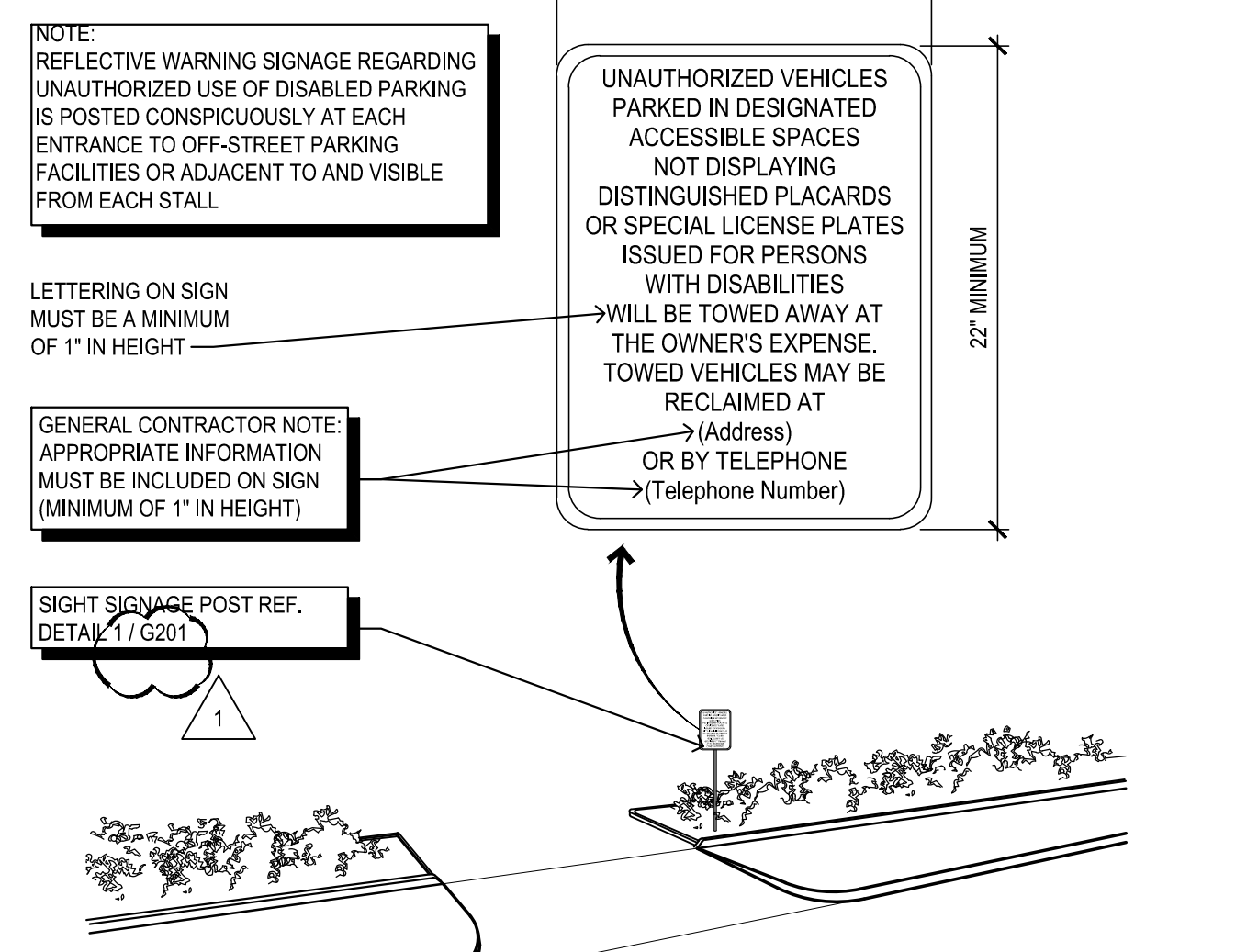
7 SURFACE APPLIED TRUNCATED DOMES
 SCALE: 1-1/2" = 1'-0"



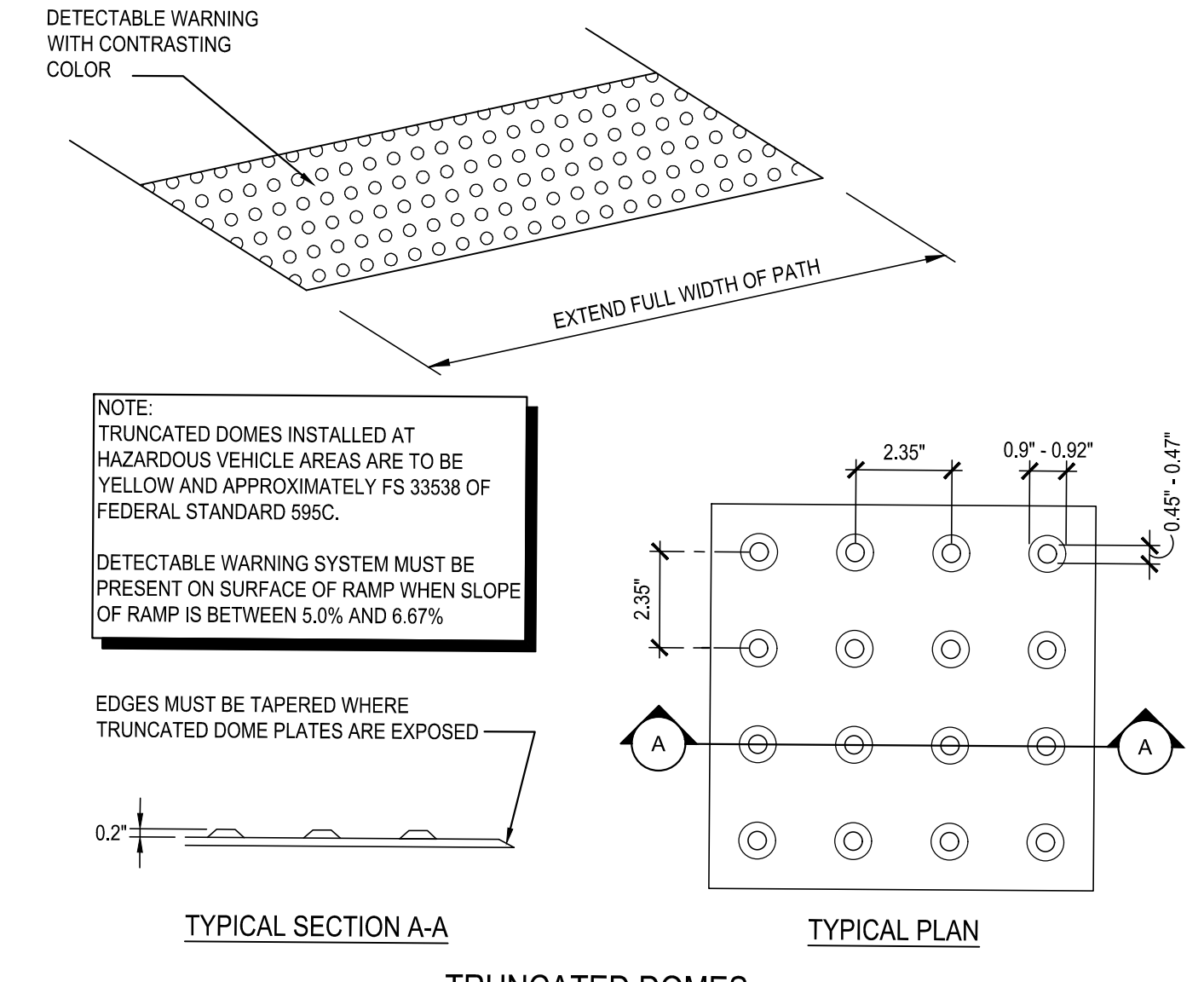
8 ACCESSIBLE PARKING STALLS - HEAD TO HEAD
 SCALE: 1/8" = 1'-0" 1217



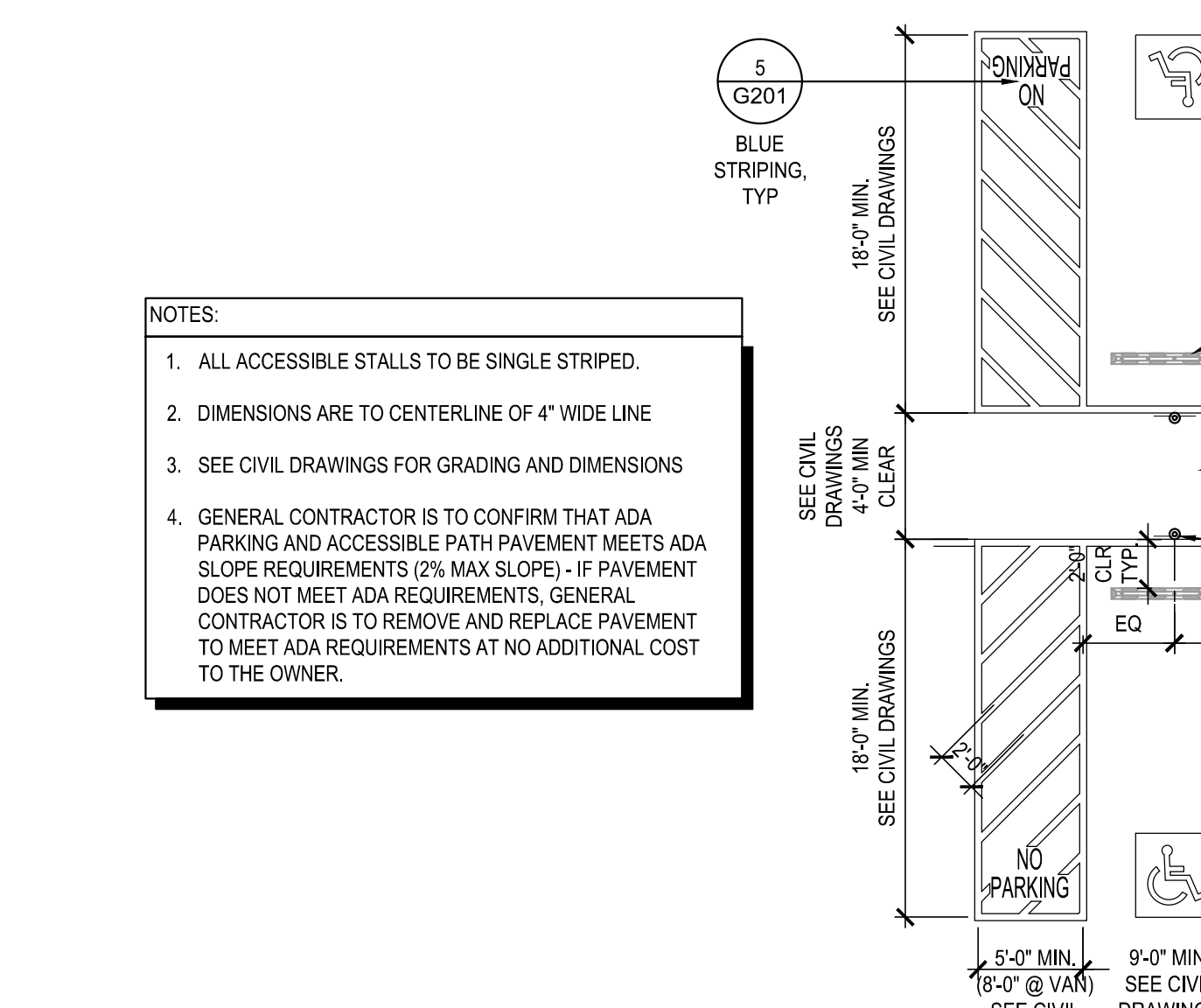
13 ACCESSIBLE PARKING STALLS - WITH ACCESSIBLE WALK
 SCALE: 1/8" = 1'-0" 1217



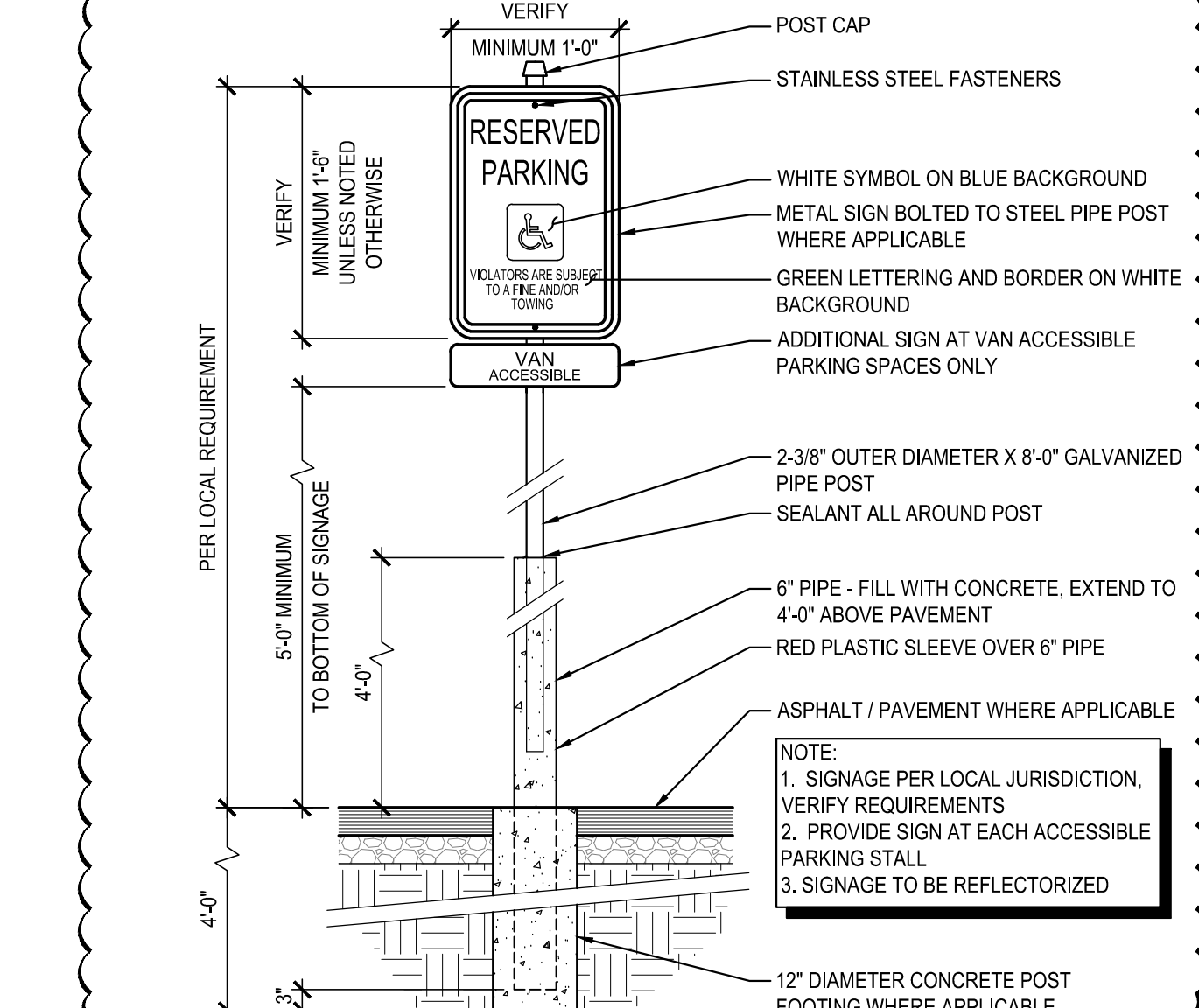
10 SIGNAGE AT SITE ENTRANCE
 SCALE: NOT TO SCALE 0512



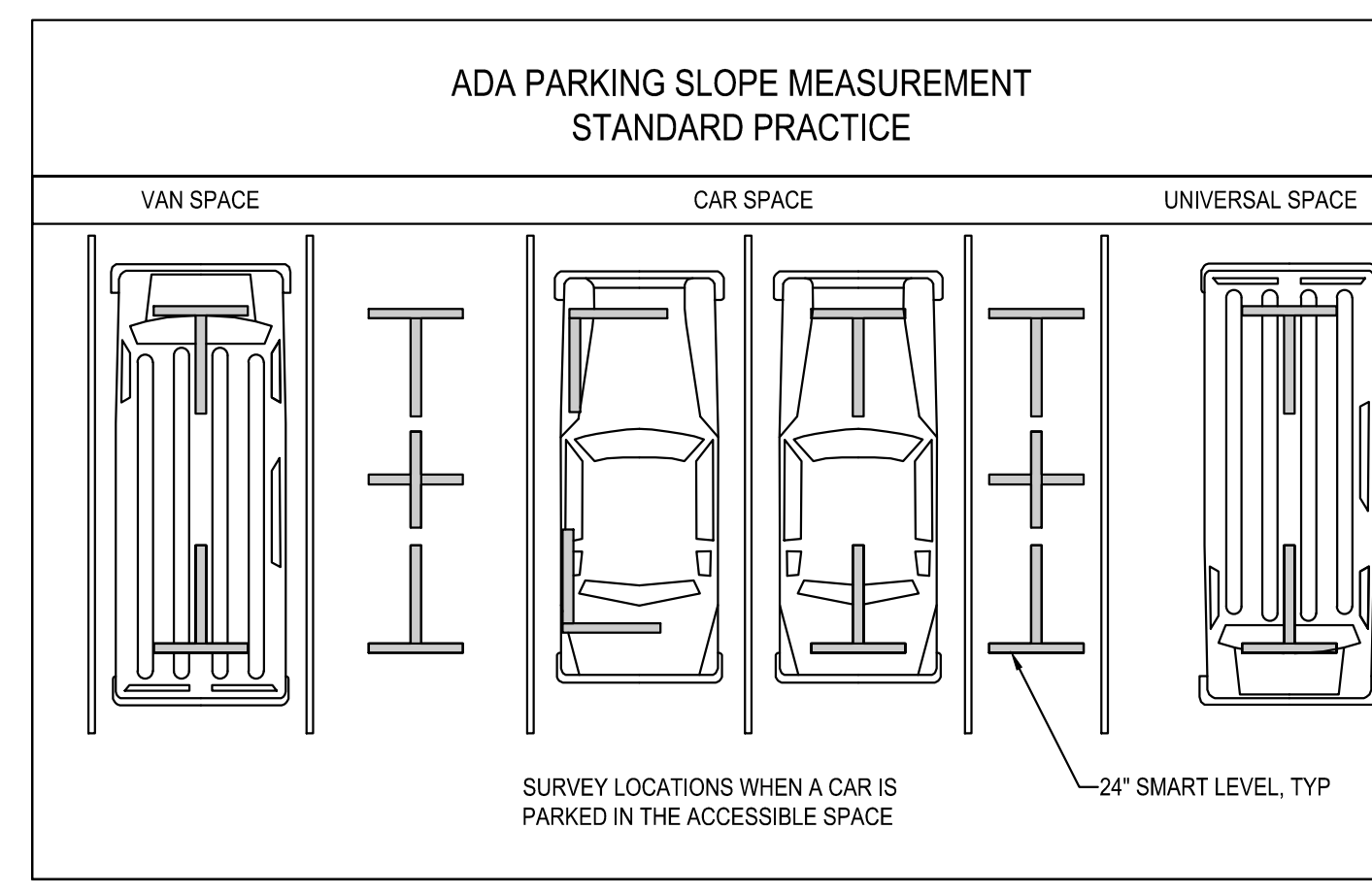
12 TRUNCATED DOMES
 SCALE: 3" = 1'-0"



13 ACCESSIBLE PARKING STALLS - WITH ACCESSIBLE WALK
 SCALE: 1/8" = 1'-0" 1217



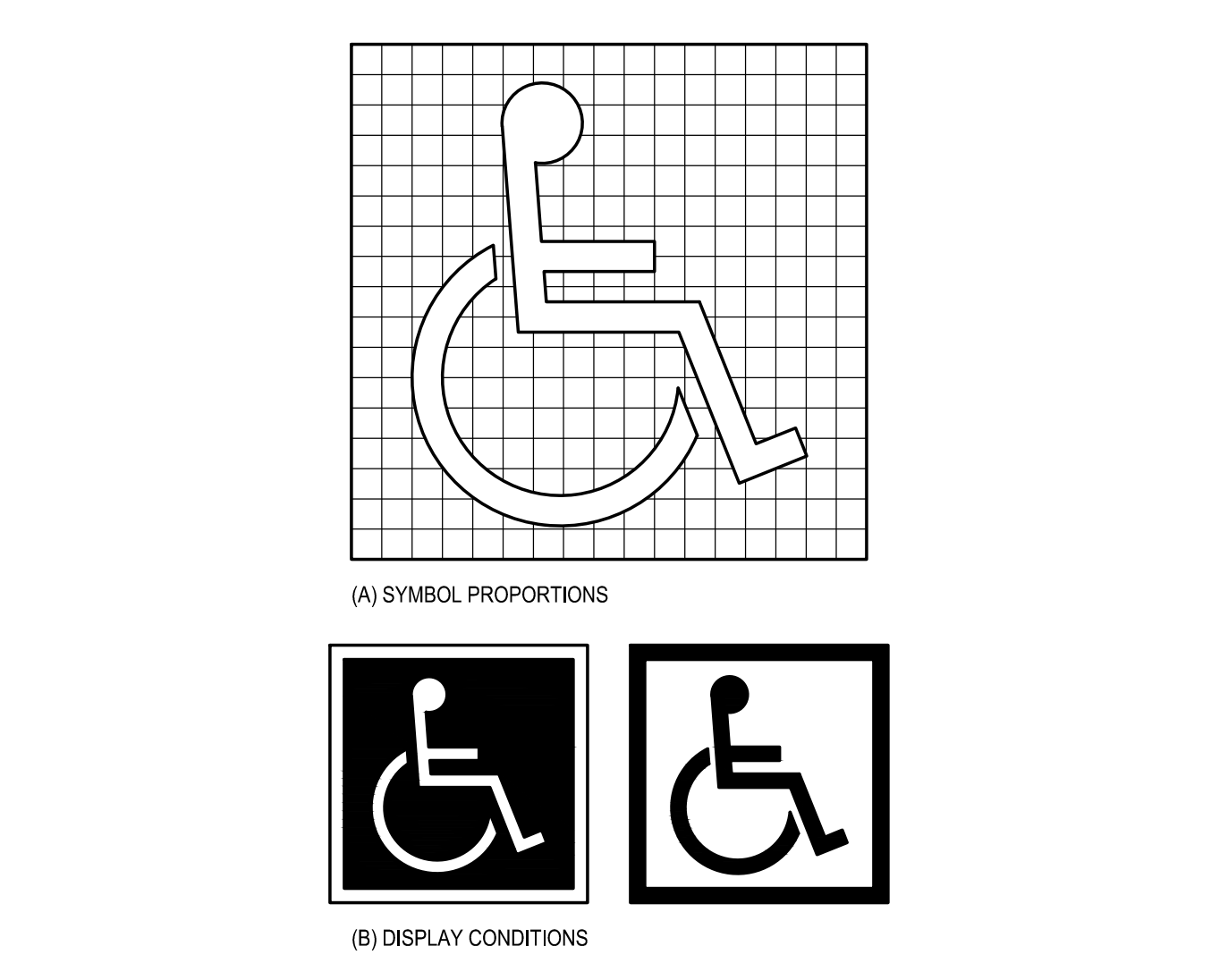
15 NEW MEXICO ACCESSIBLE PARKING SIGN
 SCALE: 1/2" = 1'-0" 11/18/2021



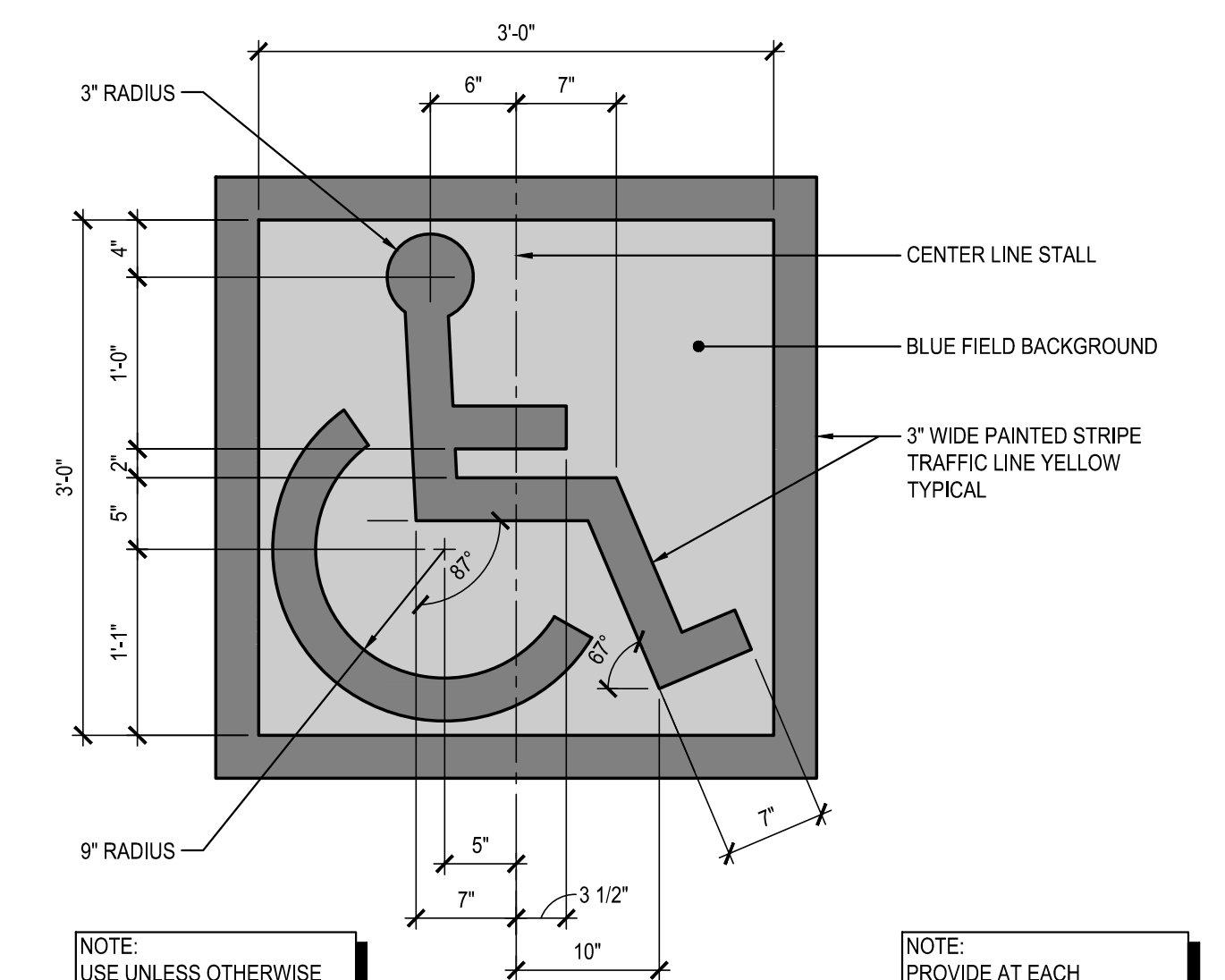
17 SLOPE MEASUREMENT
 SCALE: NOT TO SCALE 0120

ACCESSIBILITY GENERAL NOTES:

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE CORRECT INSTALLATION OF ALL ACCESSIBILITY FEATURES ON SHEETS G201, INCLUDING BUT NOT LIMITED TO THE ACCESSIBLE PARKING CROSS SLOPES, LONGITUDINAL SLOPES, SIGNAGE, STRIPING, MOUNTING HEIGHTS, AND ALL REQUIRED CLEARANCES.
- WHERE APPLICABLE PER THE LIMITED SCOPE SITE PROJECT MANUAL, THE CIVIL ENGINEER OF RECORD WILL CONDUCT A SUBSTANTIAL COMPLETION INSPECTION. THE CIVIL ENGINEER OF RECORD WILL ISSUE A PUNCH LIST TO SUBSTANTIATE THAT WORK HAS BEEN CONSTRUCTED PER THE CONTRACT DOCUMENTS AND THE LIMITED SCOPE SITE PROJECT MANUAL. FINAL PAYMENT AND RETAINAGE TO THE GENERAL CONTRACTOR WILL BE RELEASED WHEN ANY OUTSTANDING PUNCH LIST ITEMS ARE COMPLETED.
- ALL WALL OR POST MOUNTED ITEMS IN CIRCULATION PATHS MUST BE LOCATED WITHIN PROTRUSION LIMITS.
- ALL NON-CONFORMING ITEMS WILL BE DOCUMENTED AND SUBMITTED TO THE GC FOR CORRECTIVE ACTION.
- DIMENSIONS THAT ARE NOT STATED AS "MAXIMUM" OR "MINIMUM" ARE ABSOLUTE. ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS.



19 INTERNATIONAL ACCESSIBILITY SYMBOL
 SCALE: 1" = 1" 0104



20 ACCESSIBLE PARKING SYMBOL
 SCALE: 1" = 1'-0" 0514

MITCHELL C. SMITH, ARCHITECT
 STATE OF NEW MEXICO
 MITCHELL C. SMITH
 No. 2929
 REGISTERED ARCHITECT
 11/18/2021

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DATE	DESCRIPTION
08.20.21	PERMIT / BID SET
11.19.21	PERMIT REVISIONS

05-0374-07
 PM: ALISON MCCLELLAN
 DRAWN: LS

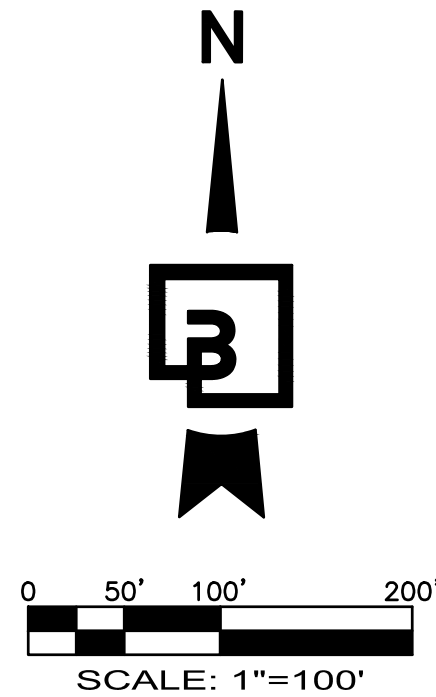
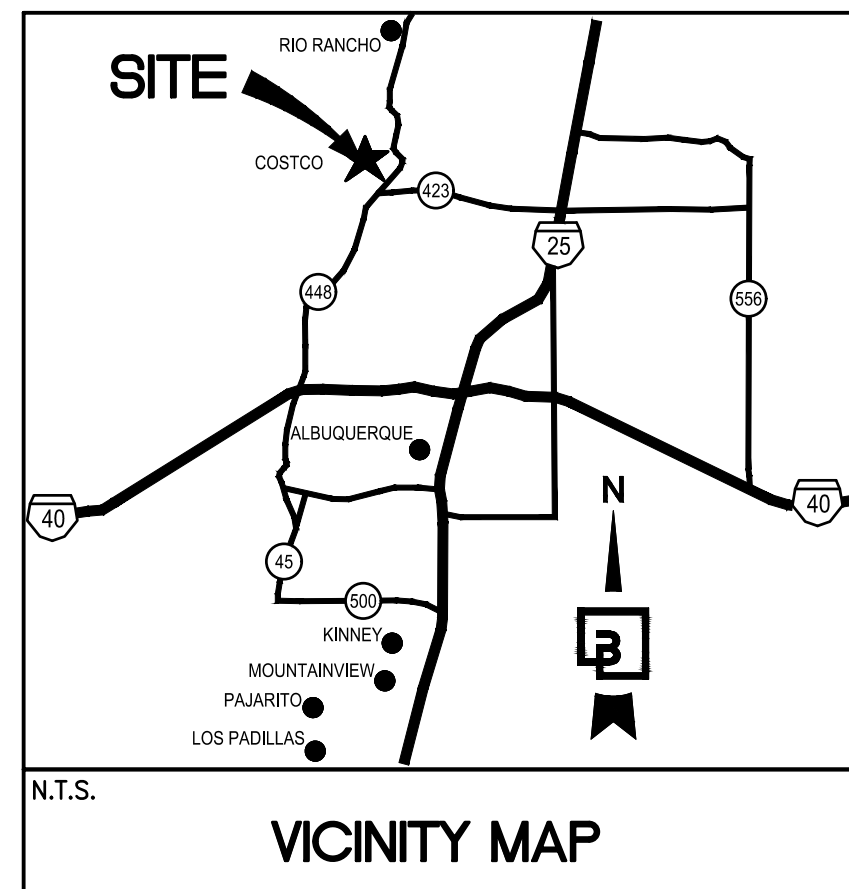
ACCESSIBILITY FEATURES & SITE DETAILS

G201

MASTER SET: 10/20/21
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COSTCO WHOLESALE

COVER SHEET ADA SITE IMPROVEMENTS 9955 COORS BYPASS BLVD NW ALBUQUERQUE, NM 87114 COSTCO WAREHOUSE #1016



GENERAL SITE DEVELOPMENT NOTES:

- THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
- CONTRACTOR SHALL ASSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. BARGHAUSEN CONSULTING ENGINEERS, INC. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
- INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE GOVERNING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE ONE WEEK MINIMUM ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED.
- PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
- TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS, ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO BARGHAUSEN CONSULTING ENGINEERS, INC. AT COMPLETION OF PROJECT.
- CONTRACTOR SHALL OBTAIN SERVICES OF A LICENSED LAND SURVEYOR TO STAKE HORIZONTAL CONTROL FOR ALL NEW IMPROVEMENTS. STAKING CONTROL SHALL BE TAKEN FROM ELECTRONIC PLAN FILES PROVIDED BY BARGHAUSEN CONSULTING ENGINEERS, INC.
- CONTRACTOR SHALL REQUEST FROM BARGHAUSEN CONSULTING ENGINEERS, INC., PRIOR TO ANY CONSTRUCTION STAKING OR CONSTRUCTION WORK, A FORMAL CONSTRUCTION RELEASE PLAN SET OR SPECIFIC RELEASE IN WRITING. THE APPROVED AGENCY PERMIT DRAWINGS WILL NOT BE CONSIDERED CONSTRUCTION RELEASE PLANS BY BARGHAUSEN CONSULTING ENGINEERS, INC. UNLESS BARGHAUSEN CONSULTING ENGINEERS, INC. HAS GIVEN A FORMAL WRITTEN RELEASE OR ISSUED A CONSTRUCTION RELEASE PLAN SET.

MONUMENT PROTECTION NOTE:

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM ANY JURISDICTIONS HAVING AUTHORITY FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY. UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST AND AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.



Know what's below.
Call before you dig.
Dial 811
Or 1-800-892-0123

BASIS OF ELEVATIONS:

1.75" CITY OF ALBUQUERQUE ALUMINUM DISK, STAMPED "ACS BM 6-813", EPOXIED TO THE TOP OF CONCRETE BRIDGE SLEEPER SLAB, LOCATED IN THE SOUTHEASTERLY QUADRANT OF EAGLE RANCH ROAD NW AND THE CALABACILLAS ARROYO, HAVING AN ELEVATION OF 5068.38, NAVD

BASIS OF BEARINGS:

NAD 83, NEW MEXICO STATE PLANE CENTRAL ZONE AS MEASURED USING CITY OF ALBUQUERQUE BENCHMARKS 6_B13 AND 8_B13.

FEMA FLOODPLAIN:

THE SUBJECT SITE IS LOCATED WITHIN ZONE X (FEMA FIRM NO. 35001C0108G DATED SEPTEMBER 30, 2005).

SITE PLAN NOTE:

A SITE PLAN PREPARED BY M22 HAS BEEN PROVIDED TO BARGHAUSEN CONSULTING ENGINEERS, INC. BARGHAUSEN CONSULTING ENGINEERS, INC. HAS NOT VERIFIED THAT THE SITE PLAN IS COMPLIANT WITH ALL CITY OR COSTCO STANDARDS.

PROJECT DATA:

PROJECT ADDRESS: 9955 COORS BYPASS NW
ALBUQUERQUE, NM 87114
JURISDICTION: CITY OF ALBUQUERQUE
APN: 10130652743521
ZONING: NON-RESIDENTIAL COMMERCIAL

PROJECT AREA SUMMARY:

TOTAL WORK AREA = 11,120 SF
TOTAL DISTURBED AREA = 7,245 SF
TOTAL NEW/REPLACED IMPERVIOUS AREA = 7,245 SF

	EXISTING	PROPOSED
IMPERVIOUS:	7,295 SF	7,245 SF
PERVIOUS:	100 SF	150 SF

GRADING QUANTITIES:

TOTAL CUT (CY) = 10
TOTAL FILL (CY) = 10
TOTAL EXPORT (CY) = 0

EARTHWORK QUANTITIES ARE APPROXIMATE AND HIGHLY DEPENDANT ON SOIL CONDITIONS ENCOUNTERED DURING CONSTRUCTION. CONTRACTOR SHOULD PERFORM INDEPENDENT ESTIMATE FOR BIDDING.

CAUTION:

POTENTIAL UTILITY CONFLICT. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND NEW UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY CONFLICT NOTE. THE EXISTING WATER, STORM, AND SANITARY SEWER SERVICE SHOWN IS APPROXIMATE, BASED ON FIELD SURVEYS AND "AS-BUILT" RECORDS. THE GENERAL CONTRACTOR SHALL "POTHOLE" THE EXISTING UTILITIES TO VERIFY THE DIAMETER AND LOCATION (INCL. ELEVATIONS) PRIOR TO CONSTRUCTION. ANY DISCREPANCIES IN THE LOCATION OF THE EXISTING PIPE OR INCOMPATIBILITY OF THE DESIGN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNERS REPRESENTATIVE, AND BARGHAUSEN CONSULTING ENGINEERS, INC. (425-251-6222).

LEGEND			
[Symbol]	EXISTING CONCRETE	[Symbol]	PROPOSED CONCRETE
[Symbol]	EXISTING CURB	[Symbol]	PROPOSED LIGHT-DUTY ASPHALT
[Symbol]	EXISTING CURB AND GUTTER	[Symbol]	PROPOSED HEAVY-DUTY ASPHALT
[Symbol]	EXISTING EDGE OF PAVEMENT	[Symbol]	PROPOSED BARRIER CURB
[Symbol]	EXISTING CANOPY DRIPLINE	[Symbol]	PROPOSED ACCESSIBLE PATH OF TRAVEL
[Symbol]	EXISTING STORM DRAIN	[Symbol]	SAWCUT LINE
[Symbol]	EXISTING WATER LINE	[Symbol]	PROPOSED SPOT GRADE
[Symbol]	EXISTING STORM DRAIN MANHOLE	[Symbol]	PROPOSED GRADE LABEL
[Symbol]	EXISTING CATCH BASIN	[Symbol]	MATCH EXISTING GRADE
[Symbol]	EXISTING LOT LIGHT	[Symbol]	PROPOSED TOP OF CURB/TOP OF PAVEMENT
[Symbol]	EXISTING STORM CLEANOUT	[Symbol]	EXISTING MINOR CONTOUR
[Symbol]	EXISTING SIGN	[Symbol]	EXISTING MAJOR CONTOUR
[Symbol]	EXISTING TELECOM LINE	[Symbol]	PROPOSED MAJOR CONTOUR
[Symbol]	EXISTING SANITARY SEWER	[Symbol]	PROPOSED MINOR CONTOUR
[Symbol]	EXISTING POWER	[Symbol]	
[Symbol]	EXISTING TREE	[Symbol]	
[Symbol]	EXISTING TRANSFORMER	[Symbol]	
[Symbol]	EXISTING FIRE HYDRANT	[Symbol]	

PROJECT TEAM:

OWNER
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

SURVEYOR
SUPERIOR SURVEYING SERVICES, INC.
2122 W. LONE CACTUS DRIVE, SUITE 11
PHOENIX, AZ 85027
PHONE: (623) 869-0223
FAX: (623) 869-0726
CONTACT: RANDY DELBRIDGE

ARCHITECT
M22
1101 SECOND AVENUE, SUITE 100
SEATTLE, WA 98101
PHONE: (206) 962-6500
FAX: (206) 962-6499
CONTACT: ALISON MCCLELLAN

CIVIL ENGINEER
BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVE. S.
KENT, WA 98032
PHONE: (425) 251-6222
FAX: (425) 251-8782
CONTACT: HAL GRUBB

GRADING AND DRAINAGE NARRATIVE:

THE SITE IS CURRENTLY DEVELOPED WITH AN EXISTING COSTCO WAREHOUSE, FUEL FACILITY, PARKING, STORMWATER FACILITIES, AND LANDSCAPING. STORMWATER RUNOFF FROM THE DISTURBED AREA IS CONVEYED THROUGH A CLOSED CONVEYANCE SYSTEM, ROUTED THROUGH A WATER QUALITY MANHOLE AND THEN INTO ARROYO DE LAS CALABACILLAS. THE EXISTING STORM SYSTEM WAS DESIGNED IN THE ORIGINAL WAREHOUSE SITE PLAN DATED MAY 2, 2007. EXISTING GRADES WITHIN THE PAVED AREAS ARE RELATIVELY FLAT WITH SLOPES RANGING FROM 0.5 TO 4 PERCENT.

THE PROPOSED IMPROVEMENTS TO THE COSTCO PARKING LOT INCLUDE RELOCATING AND REPAIRING ADA STALLS AND SIDEWALKS WITHIN THE DESIGNATED PATH OF ACCESSIBILITY TO UPGRADE THE PARKING LOT TO LATEST ADA STANDARDS.

THE PROPOSED IMPROVEMENTS WILL RESULT IN A MINOR NET DECREASE OF IMPERVIOUS AREA AND IS NOT ANTICIPATED TO NEGATIVELY IMPACT THE EXISTING STORM SYSTEM.

THE SUBJECT SITE IS NOT LOCATED WITHIN A FLOOD ZONE PER FEMA FIRM NO. 35001C0108G DATED SEPTEMBER 30, 2005.

SHEET INDEX

- C1.0 - COVER SHEET
- C1.1 - STANDARD NOTES
- C1.2 - EXISTING CONDITIONS MAP
- C1.3 - EXISTING CONDITIONS MAP
- C1.4 - EXISTING CONDITIONS MAP
- C2.0 - TESC AND DEMOLITION PLAN
- C3.0 - SITE AND HORIZONTAL CONTROL PLAN
- C3.1 - SITE AND HORIZONTAL CONTROL PLAN
- C4.0 - GRADING AND DRAINAGE PLAN

GEOTECHNICAL REPORT NOTES:

- THE FOLLOWING GEOTECHNICAL REPORTS FOR THE SITE SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS:
SOILS REPORTS: FINAL GEOTECHNICAL ENGINEERING INVESTIGATION REPORT
JOB NUMBER: 76559
DATE: 02/02/2007
PREPARED BY: KLEINFELDER, INC.
8300 JEFFERSON NE, SUITE B
ALBUQUERQUE, NM 87113
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL PROVISIONS OF THE SOILS REPORT FOR THE SITE BE OBSERVED AND COMPLIED WITH DURING ALL PHASES OF THE SITE PREPARATION, GRADING OPERATIONS, AND PAVING CONSTRUCTION.
- ANY PROVISIONS OF THE SOILS REPORT WHICH CONFLICT WITH INFORMATION SHOWN ELSEWHERE ON THESE DRAWINGS, OR WHICH REQUIRE FURTHER CLARIFICATION, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR DETERMINATION.
- A REPRESENTATIVE OF THE SOILS ENGINEER SHALL BE AVAILABLE TO OBSERVE AND APPROVE THE EARTHWORK OPERATIONS AND TO VERIFY FIELD CONDITIONS AS WORK PROCEEDS. THE SOILS ENGINEER SHALL SUBMIT FIELD REPORTS CERTIFYING THAT THE METHODS AND MATERIALS OF THE EARTHWORK OPERATIONS WERE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS INVESTIGATION AND THAT THE WORK WAS PERFORMED TO HIS/HER SATISFACTION.
- THE SOILS ENGINEER SHOULD BE NOTIFIED AT LEAST FIVE (5) WORKING DAYS PRIOR TO ANY SITE CLEARING OR GRADING.

EXISTING TOPOGRAPHY/SURVEY INFORMATION NOTE:

A TOPOGRAPHIC AND BOUNDARY SURVEY PREPARED BY SUPERIOR SURVEYING SERVICES, INC. DATED JULY 2, 2020, HAS BEEN PROVIDED AS THE EXISTING CONDITIONS MAP TO BARGHAUSEN CONSULTING ENGINEERS, INC. BARGHAUSEN CONSULTING ENGINEERS, INC. HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED. THE SITE DESIGN HAS BEEN BASED ON THE ABOVE-NOTED SURVEYS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF BARGHAUSEN CONSULTING ENGINEERS, INC.

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

Job Number: 12735

Sheet: C1.0 of 9

Designed: LRH
Drawn: LRH
Checked: MESF
Approved: JHS
Date: 8/18/21

Scale:
Horizontal: 1" = 100'
Vertical: N/A

12/17/21 LRH | MESF | CRJ | RESPONSE TO COMMENTS
8/21/21 LRH | MESF | CRJ | LAND USE SUBMITTAL / BID RELEASE
No. Date By Cont. Appr. Revision

THE
COVER SHEET
9955 COORS BYPASS BLVD NW
ALBUQUERQUE, NM 87114
COSTCO WAREHOUSE #1016

For:
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

Professional Engineer
25245
12/1/21

Barghausen Consulting Engineers, Inc.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

STANDARD NOTES

ADA SITE IMPROVEMENTS

9955 COORS BLVD BYPASS NW

ALBUQUERQUE, NM 87114

COSTCO WAREHOUSE #1016

CITY OF ALBUQUERQUE GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE #9, REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS."
2. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR PUBLIC EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS ISSUED BY THE CITY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. CONTRACTOR SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROTECTION OF PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650, SUBPART "P".
6. AN EXCAVATION / CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
7. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER (OR CITY PROJECT MANAGER) NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO STANDARD SPECIFICATION SECTION 4.4.
8. FOR CIP PROJECTS: SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO DMD, CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE DMD, CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRIADING ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS. PERMIT REQUESTS MAY BE DENIED OR DELAYED DUE TO CONFLICTS WITH OTHER PROJECTS IN THE AREA.
9. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
10. CONTRACTOR SHALL ASSIST THE ENGINEER / INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND APPURTENANCES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS-BUILT" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES OR APPURTENANCES UNTIL ALL DATA HAVE BEEN RECORDED.
11. CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGNAGE, CURB & GUTTER, A.D.A. RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
12. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND OTHER JURISDICTIONAL AUTHORITIES WHERE APPLICABLE.

WATER AND SEWER:

14. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER; RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER C.O.A. STANDARD DRAWINGS 2460 AND 2461.
15. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD-VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
16. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER-PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY FOURTEEN (14) DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ON LINE AT: http://abcwa.org/water_shut_off_and_turn_on_procedures.aspx
22. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND / OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH AFFECTED UTILITY COMPANIES AS REQUIRED.
26. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECT-ORIZED PAVEMENT MARKING BY CONTRACTOR AT THE SAME LOCATION AS EXISTING OR AS INDICATED ON THIS PLAN SET.
28. REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
29. ANY DAMAGE TO THE EXISTING CURB & GUTTER, PAVEMENT, SIDEWALKS, STRIPING, OR SIGNAGE DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
30. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

TRANSPORTATION:

31. CURB & GUTTER, SIDEWALKS, AND DRIVEPADS SHALL MATCH THE LINE AND GRADE OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
32. THE SUBGRADE PREPARATION SHALL EXTEND ONE (1) FOOT BEYOND THE FREE EDGE OF NEW CURB & GUTTER AND SIDEWALK.
33. CONTRACTOR SHALL TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE TWO FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50, OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
34. AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPILLOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENT; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
35. CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB & GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR SHALL SAW-CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING No. 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.
36. TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROJECT WILL HAVE ON THE TRANSIT SYSTEM, SUCH AS CAUSING A DETOUR OR THE CLOSURE OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS DOUGLAS COFF, OFFICE PHONE 724-3137, CELL PHONE 206-0151, OR E-MAIL: DCOFF@CABQ.GOV

OTHER COMMON NOTES:

37. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATION. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF THE PIPE. RCP JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER WITH CITY APPROVAL.
38. CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING WORK.
39. CONTRACTOR SHALL DETERMINE IN ADVANCE OF CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, GLYS, ETC., ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTIONS TO CONSTRUCTION OPERATIONS ARE PRESENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
40. PNM WILL PROVIDE, AT NO COST TO THE CITY OR THE CONTRACTOR, THE NECESSARY PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
41. EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY; LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION BEGINS.
42. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES; MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS/HER FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES.
43. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITIES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO STORM SEWER, WATER LINE, AND/OR SEWER LINE COSTS.
44. CONTRACTOR SHALL SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, COMMUNICATION CABLES, AND CABLE-TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE SHALL BE SUPPORTED AT A MAXIMUM SPACING OF FIFTEEN (15) FEET. CONTRACTOR SHALL COORDINATE WITH AND MAKE ANY NECESSARY PAYMENT TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES, OR SUPPORT OF CABLES BY THE UTILITY OWNER.
45. ALL FINAL BACKFILL FOR TRENCHES WITHIN THE COA RIGHT-OF-WAY SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING No. 2465.
46. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY EXCAVATED MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS TO PREVENT ANY EXCAVATED MATERIAL BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
47. REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
48. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL IN AN ENVIRONMENTALLY ACCEPT-ABLE MANNER AT A LOCATION ACCEPTABLE TO THE PROJECT MANAGER. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.
49. CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC.
50. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED, AND RE-SET BY THE CONTRACTOR.
51. IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PRE-HISTORIC ARTIFACTS, OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE CONSTRUCTION ENGINEER SHALL NOTIFY THE COUNTY OFFICE OF THE MEDICAL EXAMINER AT 272-3053. IF THE MEDICAL EXAMINER DETERMINES THAT HUMAN REMAINS ARE NOT PRESENT, THE CONSTRUCTION ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-3320.
52. IF OBJECTS OF HISTORICAL, ARCHEOLOGICAL, PALEONTOLOGICAL, OR OTHER OBJECTS OF ANTIQUITY ARE ENCOUNTERED, CONTRACTOR SHALL CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER AND PROJECT ENGINEER.

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

2	12/17/21	LRH	MESP	CRJ	RESPONSE TO COMMENTS
1	8/15/21	LRH	MESP	CRJ	LAND USE SUBMITTAL / BID RELEASE
		No.	Date	By	Revision

The
STANDARD NOTES
9955 COORS BYPASS BLVD NW
ALBUQUERQUE, NM 87114
COSTCO WAREHOUSE #1016

COSTCO WHOLESALE
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027



12/1/21

Scale:
 Horizontal: 1/4" = 1'-0"
 Vertical: 1/4" = 1'-0"

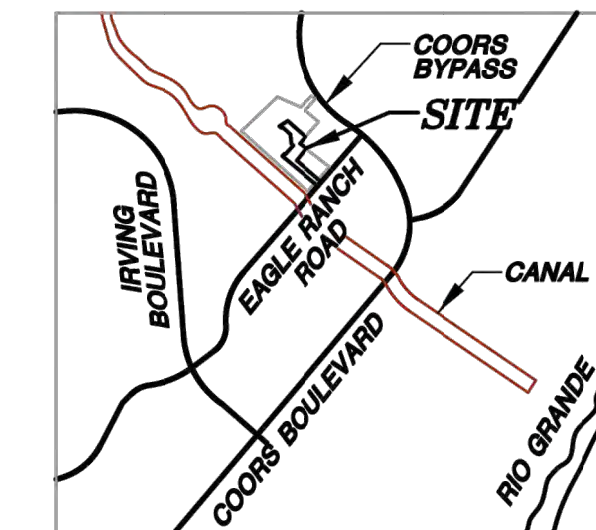
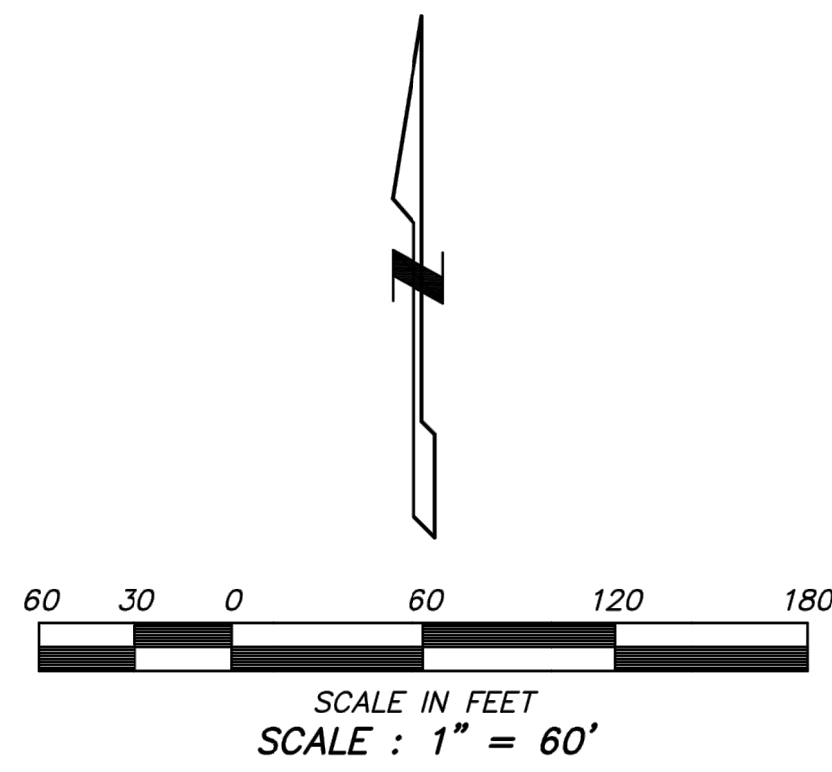
Designed: LRH
 Drawn: LRH
 Checked: MESP
 Approved: MESP
 Date: 8/15/21

Barghausen Consulting Engineers, Inc.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222
barghausen.com

Job Number: **12735**
 Sheet: **C11** of **9**

TOPOGRAPHIC SURVEY

OF A PORTION OF THE SOUTHEAST AND NORTHWEST QUARTER OF SECTION 7,
TOWNSHIP 11 NORTH, RANGE 3 EAST OF THE NEW MEXICO
PRINCIPAL BASE AND MERIDIAN, BERNALILLO COUNTY,
NEW MEXICO



VICINITY MAP
NOT TO SCALE

OWNER

A.P.N.: 10130652743521
OWNER: COSTCO WHOLESALE CORPORATION PROPERTY TAX DEPT 1016
DEED: 2020-012853 020720 B.C.R.

NOTES

- This survey has been prepared without the benefit of a title report, and is subject to all easements of record.
- The basis of bearing is NAD 83, New Mexico State Plane Central Zone as measured using City of Albuquerque benchmarks 6_B13 and 8_B13.
- The Benchmark used for this survey is the 1.75" City of Albuquerque aluminum disk, stamped "ACS BM 6-B13", epoxied to the top of concrete bridge sleeper slab, located in the southeasterly quadrant of Eagle Ranch Road NW and the Calabacillos Arroyo, having an elevation of 5068.38, NAVD.
- The number of striped parking spaces on the subject property are as follows:
Regular: 592
Handicapped: 15
Van Accessible: 5
Motorcycle: 4
Total: 616
- According to FEMA Flood Insurance Rate Map, Map Number 35001C0108G, dated September 30, 2005, the subject property is located in Zone X. Zone X is defined as "Areas determined to be outside the 0.2% annual chance floodplain"
- The Surveyor has not obtained any information relating to, and has no knowledge of any proposed right of ways, easements, or dedications that any municipality, individual or governmental agency may require.
- Use of the information contained in this instrument for other than the specific purpose for which it was intended is forbidden unless expressly permitted in writing in advance by Superior Surveying Services, Inc. Superior Surveying Services, Inc. shall have no liability for any such unauthorized use of this information without their written consent.

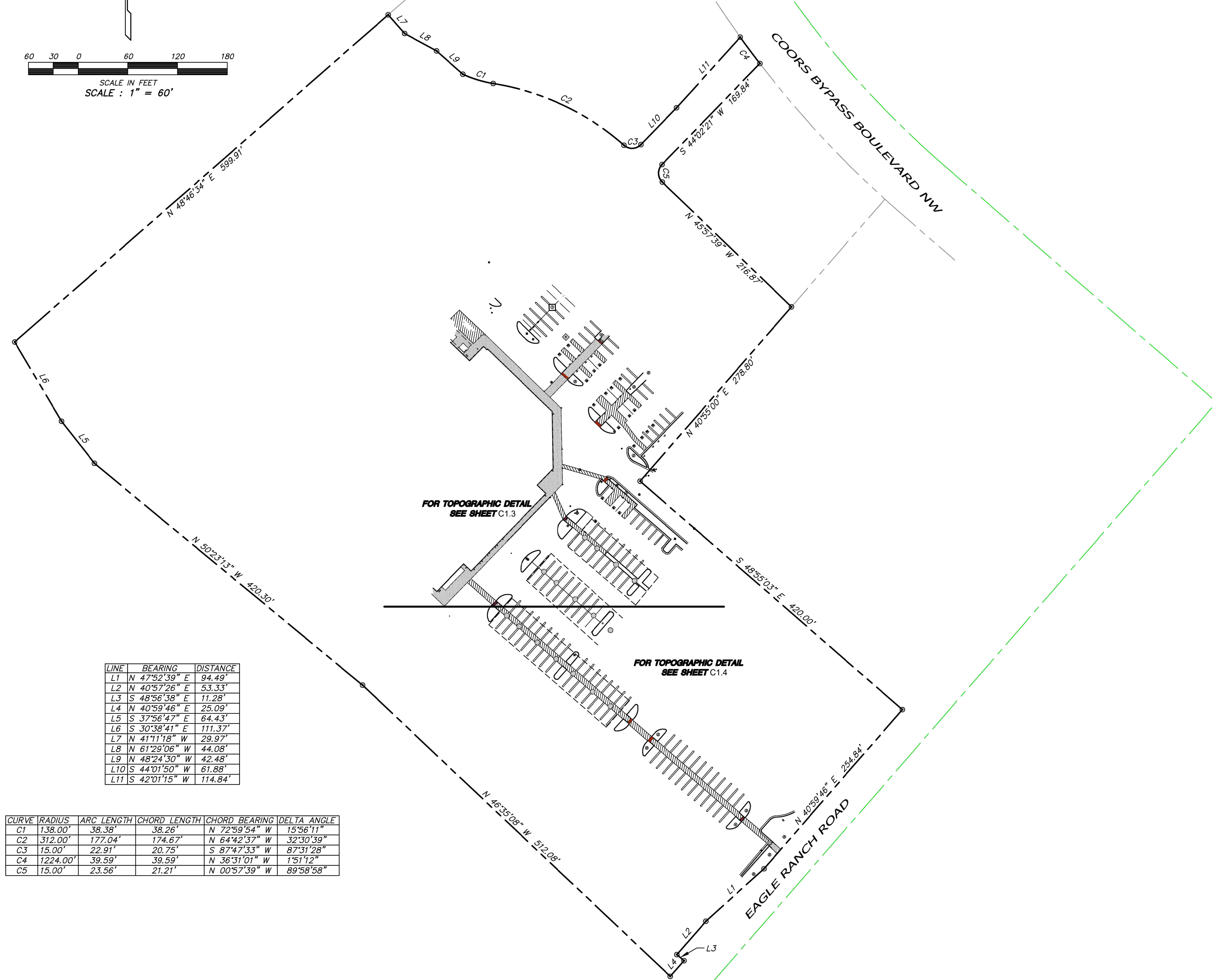
CERTIFICATION

I, Randy S. Delbridge, hereby certify that I am a registered land surveyor in the State of New Mexico and that the survey shown hereon was completed under my direct supervision during the month of July, 2020, and is true and correct to the best of my knowledge and belief and the monuments shown actually exist.

Randy S. Delbridge
R.L.S. #42137



EXPIRES 12/31/20



LINE	BEARING	DISTANCE
L1	N 47°52'39" E	94.49'
L2	N 40°57'26" E	53.33'
L3	S 48°56'38" E	11.28'
L4	N 40°59'46" E	25.09'
L5	S 37°56'47" E	64.43'
L6	S 30°38'41" E	111.37'
L7	N 41°11'18" W	29.97'
L8	N 61°29'06" W	44.08'
L9	N 48°24'30" W	42.48'
L10	S 44°01'50" W	61.88'
L11	S 42°01'15" W	114.84'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	138.00'	38.38'	38.26'	N 72°59'54" W	15°56'11"
C2	312.00'	177.04'	174.67'	N 64°42'37" W	32°30'39"
C3	15.00'	22.91'	20.75'	S 87°47'33" W	87°31'28"
C4	1224.00'	39.59'	39.59'	N 36°31'01" W	1°51'12"
C5	15.00'	23.56'	21.21'	N 00°57'39" W	89°58'58"

DATE	REVISIONS	DESCRIPTION

TOPOGRAPHIC SURVEY
9955 COORS BYPASS BOULEVARD NW
ALBUQUERQUE, NM 87114

2122 W. Lone Cactus Drive, Suite 11
Phoenix, AZ 85027
623-869-0223 (office) 623-869-0726 (fax)
www.superiorsurveying.com
info@superiorsurveying.com



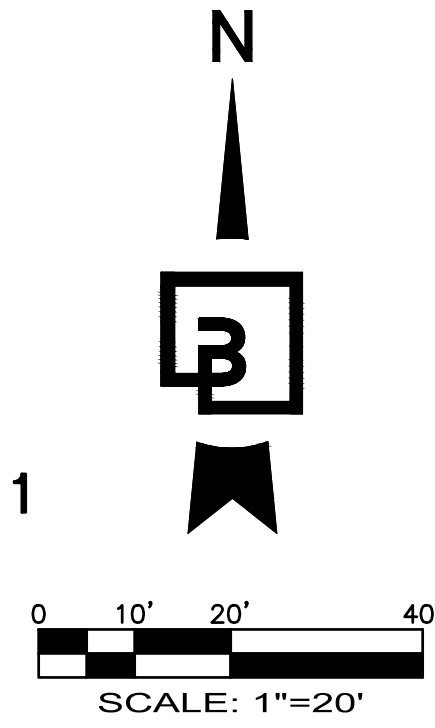
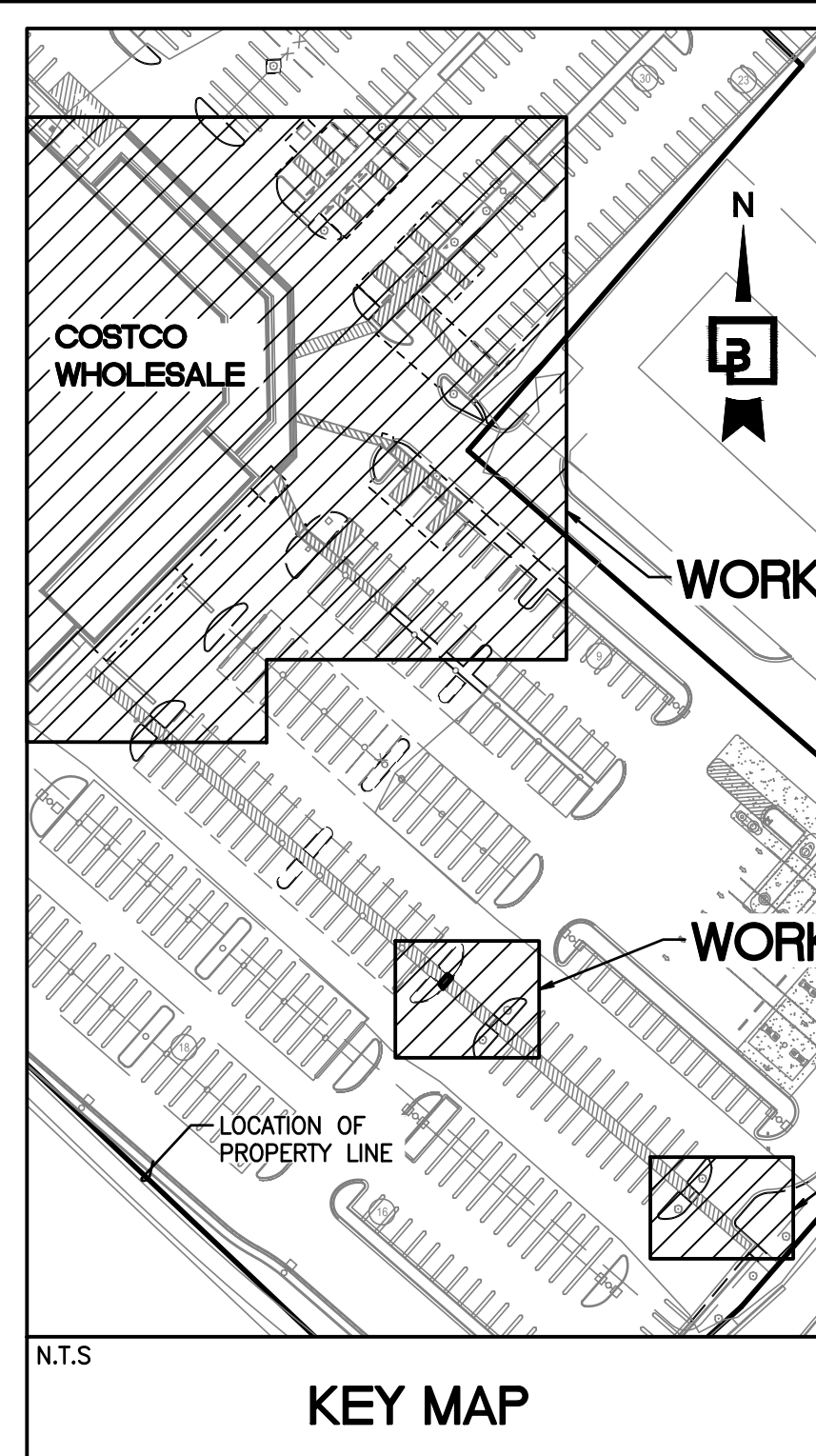
TESC AND DEMOLITION PLAN

ADA SITE IMPROVEMENTS

9955 COORS BYPASS BLVD NW

ALBUQUERQUE, NM 87114

COSTCO WAREHOUSE #1016



UTILITY NOTE:

ALL UNDERGROUND UTILITIES AND SERVICES TO REMAIN UNDISTURBED UNLESS OTHERWISE SHOWN. ALL RIMS AND/OR LIDS WITHIN REPLACED ASPHALT OR CONCRETE TO BE ADJUSTED TO FINISHED GRADE.

SITE PLAN NOTE:

PRIOR TO SAWCUTTING ANY ASPHALT/CONCRETE OR COMMENCING WITH ANY DEMOLITION ACTIVITY, COORDINATE AND VERIFY EXTENT OF NECESSARY DEMOLITION WITH GRADING AND SITE PLAN. IT MAY BE NECESSARY TO REMOVE MORE PAVEMENT/CURBING THAN IS SHOWN TO MEET ADA REQUIREMENTS.

STAGING AREA NOTE:

CONTRACTOR TO COORDINATE WITH ARCHITECT, COSTCO CONSTRUCTION PROJECT MANAGER AND WAREHOUSE MANAGER TO DETERMINE APPROPRIATE STAGING AREA. STAGING AREA TO COMPLY WITH COSTCO PROPERTY MANAGEMENT STAGING REQUIREMENTS.

DEMOLITION NOTES:

- CONTRACTOR SHALL CONTACT AND COORDINATE WITH THE VARIOUS UTILITY COMPANIES ON REQUESTING DISCONNECTIONS, REMOVALS AND/OR RELOCATION OF EXISTING SERVICE.
- CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS AND CONSTRUCTION APPROVALS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL REPLACE ALL EXISTING CURB, PAVEMENT AND/OR LANDSCAPING DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.
- CONTRACTOR SHALL PRIOR TO CONSTRUCTION OR REMOVAL OF IMPROVEMENTS, FIELD VERIFY AND CONFIRM LIMITS OF DEMOLITION AS WELL AS EXISTING UTILITIES AND IMPROVEMENTS TO REMAIN.

EROSION CONTROL NOTES:

- ALL NECESSARY EQUIPMENT AND MATERIALS SHALL BE AVAILABLE ON SITE TO FACILITATE RAPID INSTALLATION OF EROSION AND SEDIMENT CONTROL BMPs WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
- ADEQUATE EROSION AND SEDIMENT CONTROL AND PERIMETER PROTECTION BEST MANAGEMENT PRACTICE MEASURES MUST BE INSTALLED AND MAINTAINED.

HAULING/SILTATION CONTROL NOTES:

- PUBLIC STREETS ARE TO BE KEPT CLEAN OF DIRT AND DEBRIS GENERATED BY WORK. CLEANUP SHALL BE BY SWEEPING AND/OR OTHER APPROVED METHODS ON A DAILY BASIS.
- CONTRACTOR SHALL PROVIDE SILT BAGS OR OTHER SILTATION CONTROL MEASURES ON EXISTING CATCH BASIN(S) IN PROXIMITY OF WORK WHICH HAVE POTENTIAL TO RECEIVE SURFACE RUNOFF FROM THE WORK AREA OR ANY LOCATIONS THAT MAY BE DESIGNATED BY THE AUTHORITY HAVING JURISDICTION DURING THE COURSE OF THE WORK.
- EFFORTS SHALL BE MADE DURING CONSTRUCTION ACTIVITIES TO STABILIZE ALL DISTURBED AREAS AS QUICKLY AS POSSIBLE TO MINIMIZE EROSION.
- ITEMS FOR DEMOLITION ARE DEPICTED PER DESIGN DRAWINGS. CONTRACTOR TO VERIFY AND LOCATE ANY ITEMS FOR DEMOLITION PRIOR TO START OF CONSTRUCTION AND NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR TO REVIEW AS-BUILT DRAWINGS IN PROJECT AREA AND REMOVE AND/OR RELOCATE ANY SITE APPURTENANCES IN PROJECT AREA THAT IMPACT THE PROJECT.

DUST CONTROL NOTES:

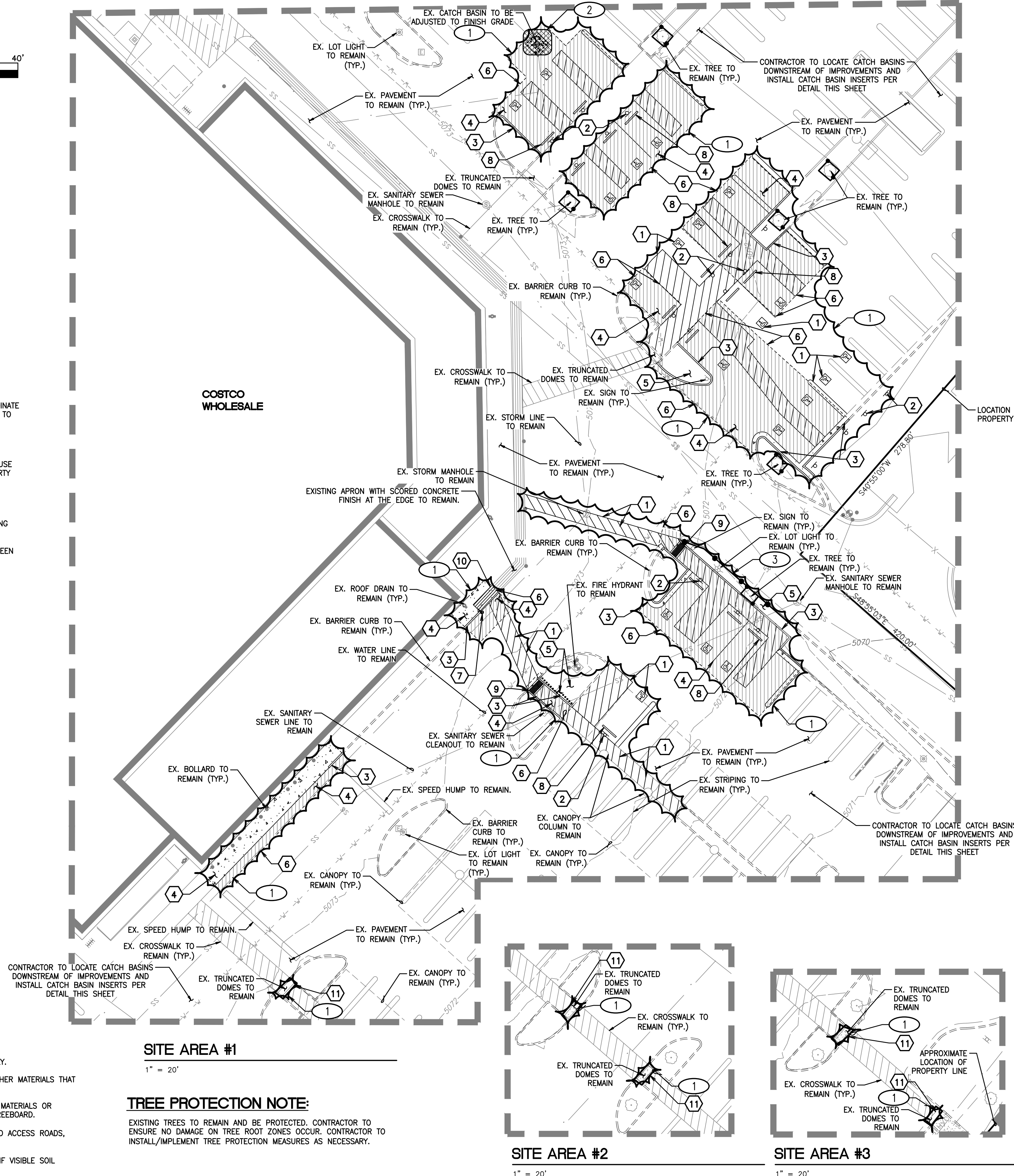
- WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.
- WATER OR COVER STOCKPILES OF DEBRIS, SOIL, SAND OR OTHER MATERIALS THAT CAN BE BLOWN BY THE WIND.
- COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.
- SWEEP DAILY (PREFERABLY WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES.
- SWEEP STREETS DAILY (PREFERABLY WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS.

SITE AREA #1

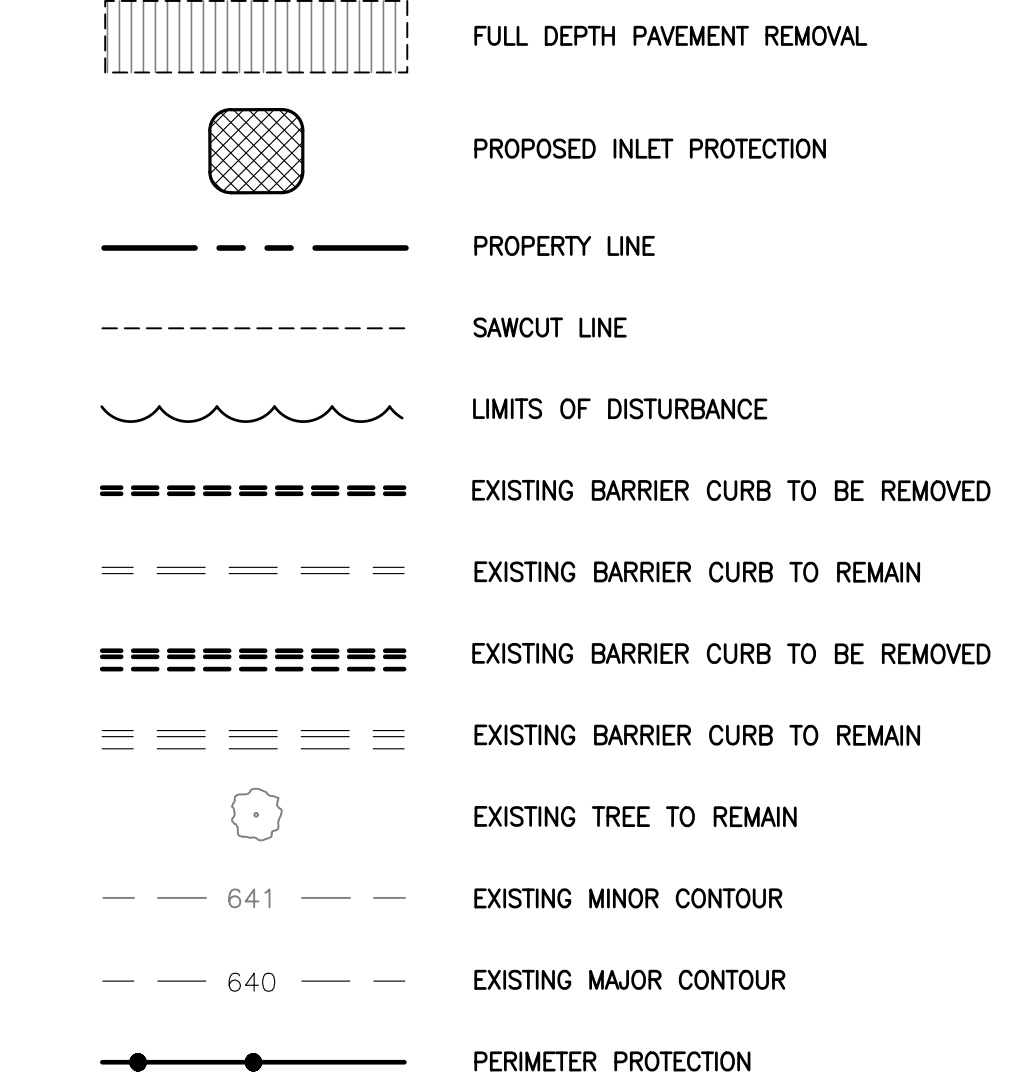
1" = 20'

TREE PROTECTION NOTE:

EXISTING TREES TO REMAIN AND BE PROTECTED. CONTRACTOR TO ENSURE NO DAMAGE ON TREE ROOT ZONES OCCUR. CONTRACTOR TO INSTALL/IMPLEMENT TREE PROTECTION MEASURES AS NECESSARY.



TESC LEGEND

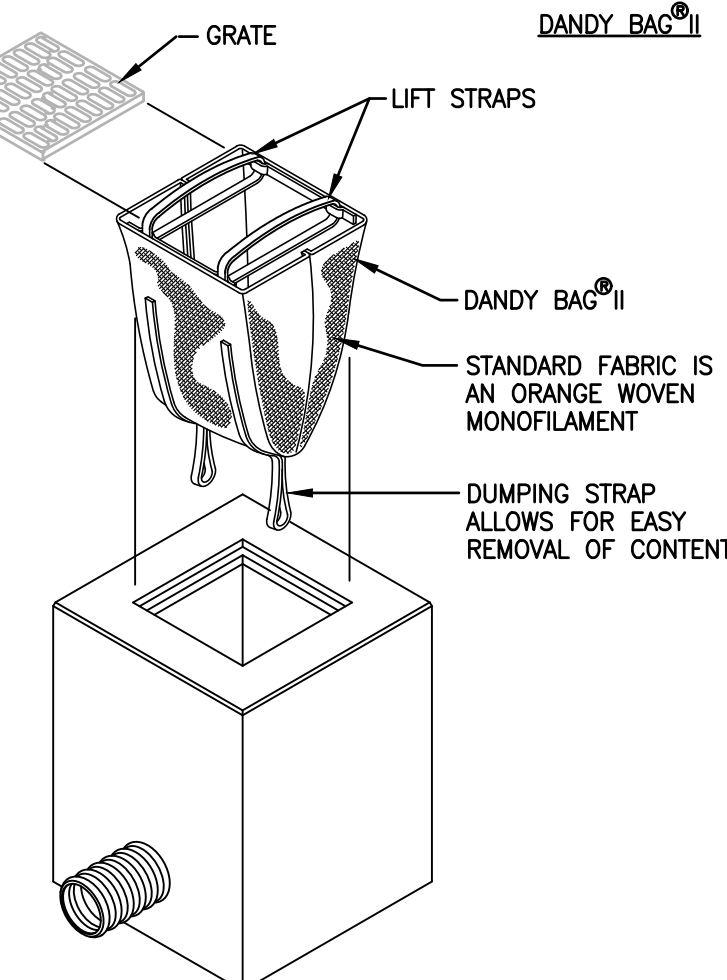


DEMOLITION CALLOUTS:

- EXISTING PAINT MARKING TO BE REMOVED. CONTRACTOR TO SANDBLAST PAVEMENT TO REMOVE EXISTING PAINT STRIPING, (TYP.).
- EXISTING SIGN TO BE REMOVED AND DISPOSED OF OFF-SITE, (TYP.).
- EXISTING CURB TO BE REMOVED AND DISPOSED OF OFF-SITE, (TYP.).
- EXISTING PAVEMENT TO BE REMOVED AND DISPOSED OF OFF-SITE. EXISTING AGGREGATE TO REMAIN.
- EXISTING LANDSCAPING DISTURBED DURING CONSTRUCTION TO BE REPLACED IN KIND.
- PROPOSED SAWCUT (TYP.), WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT, PROVIDE LAP JOINT PER DETAIL ON SHEET C4.0. SAWCUT EXISTING CONCRETE AT NEAREST JOINT. REMOVE FULL CONCRETE PANEL.
- EXISTING BOLLARD TO BE REMOVED AND REPLACED IN-KIND.
- EXISTING WHEEL STOP TO BE REMOVED AND DISPOSED OFF-SITE, (TYP.).
- EXISTING TRUNCATED DOMES TO BE REMOVED AND DISPOSED OFF-SITE.
- EXISTING APRON WITH SCORED CONCRETE FINISH AT THE EDGE TO BE REMOVED.
- CONTRACTOR TO REPAIR AND FILL GAPS BETWEEN EXISTING DETECTABLE SURFACES AND ASPHALT SURFACE.

EROSION/SEDIMENT CONTROL CALLOUTS:

- APPROXIMATE LIMITS OF DISTURBANCE.
- CONTRACTOR TO INSTALL STORM DRAIN INLET PROTECTION AT ALL DOWNSTREAM RECEIVING STORM INLET LOCATIONS AS REQUIRED TO PREVENT SILT-LADEN WATER FROM ENTERING STORM DRAINAGE SYSTEM, AND AS DIRECTED BY INSPECTOR OF AUTHORITY HAVING JURISDICTION. SEE DETAIL THIS SHEET.
- CONTRACTOR TO INSTALL SILT WORK, SILT FENCE OR OTHER APPROVED PERIMETER PROTECTION AS REQUIRED TO PREVENT SILT-LADEN RUNOFF FROM LEAVING SITE, AND AS DIRECTED BY INSPECTOR OF AUTHORITY HAVING JURISDICTION.



DANDY BAG®
INSTALLATION AND MAINTENANCE GUIDELINES:
INSTALLATION: REMOVE THE GRATE FROM CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLON IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY BAG. IF SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.
MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY BAG. IF 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

INLET PROTECTION

NOT TO SCALE

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

No.	Date	By	Clk.	Appr.	RESPONSE TO COMMENTS	CRG	LAND USE SUBMITTAL / BID RELEASE
2	12/17/21	LRH	MESPT	CRG	CRG	CRG	CRG
1	8/27/21	LRH	MESPT	CRG	CRG	CRG	CRG

Scale: Horizontal 1" = 20' Vertical N/A

Designed: LRH
 Drawn: LRH
 Checked: MESPT
 Approved: JHCS
 Date: 8/18/21

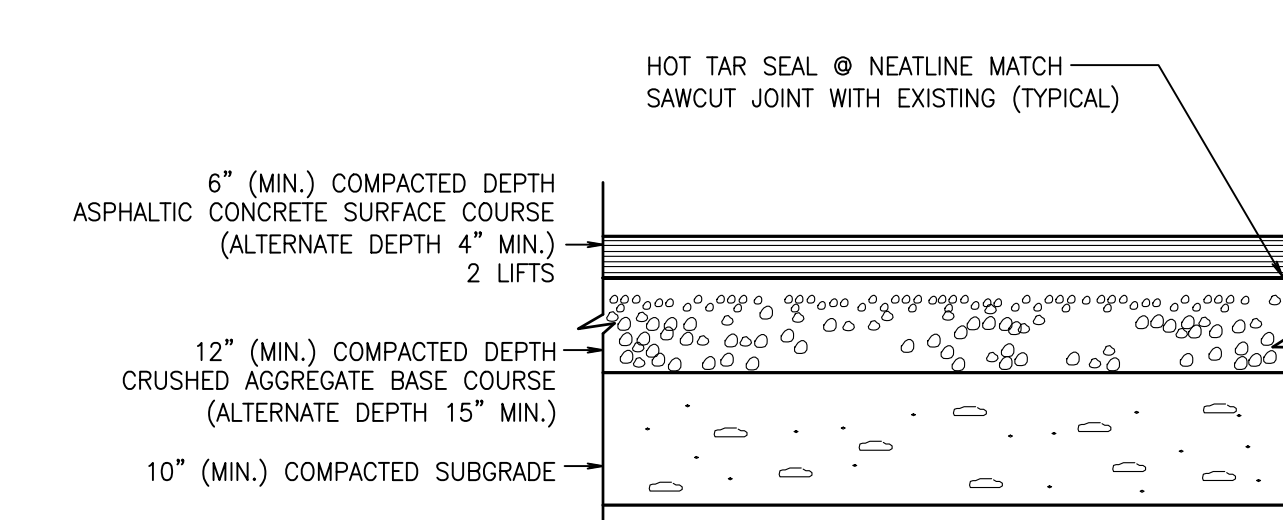
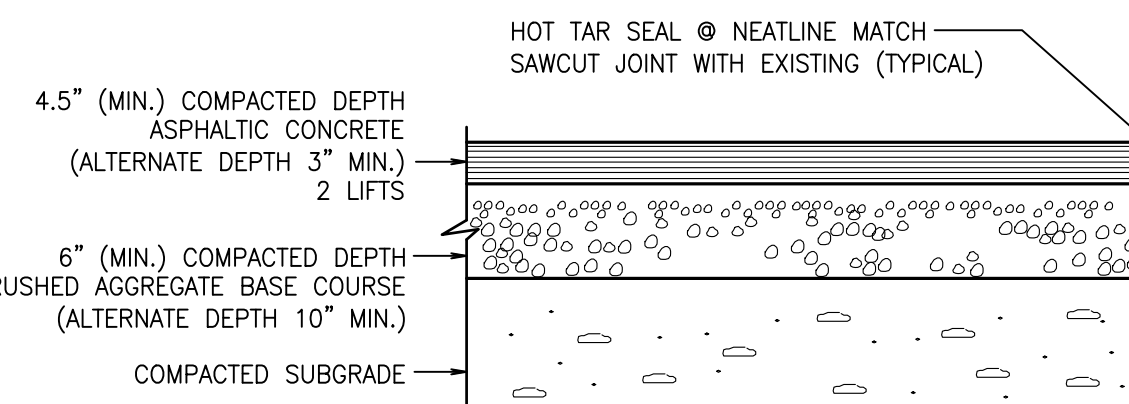
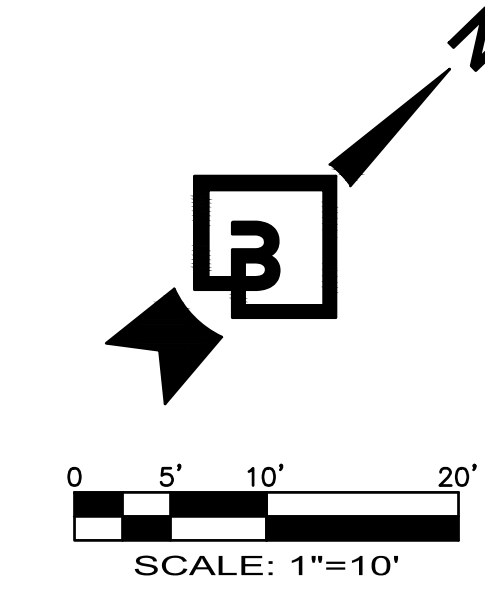
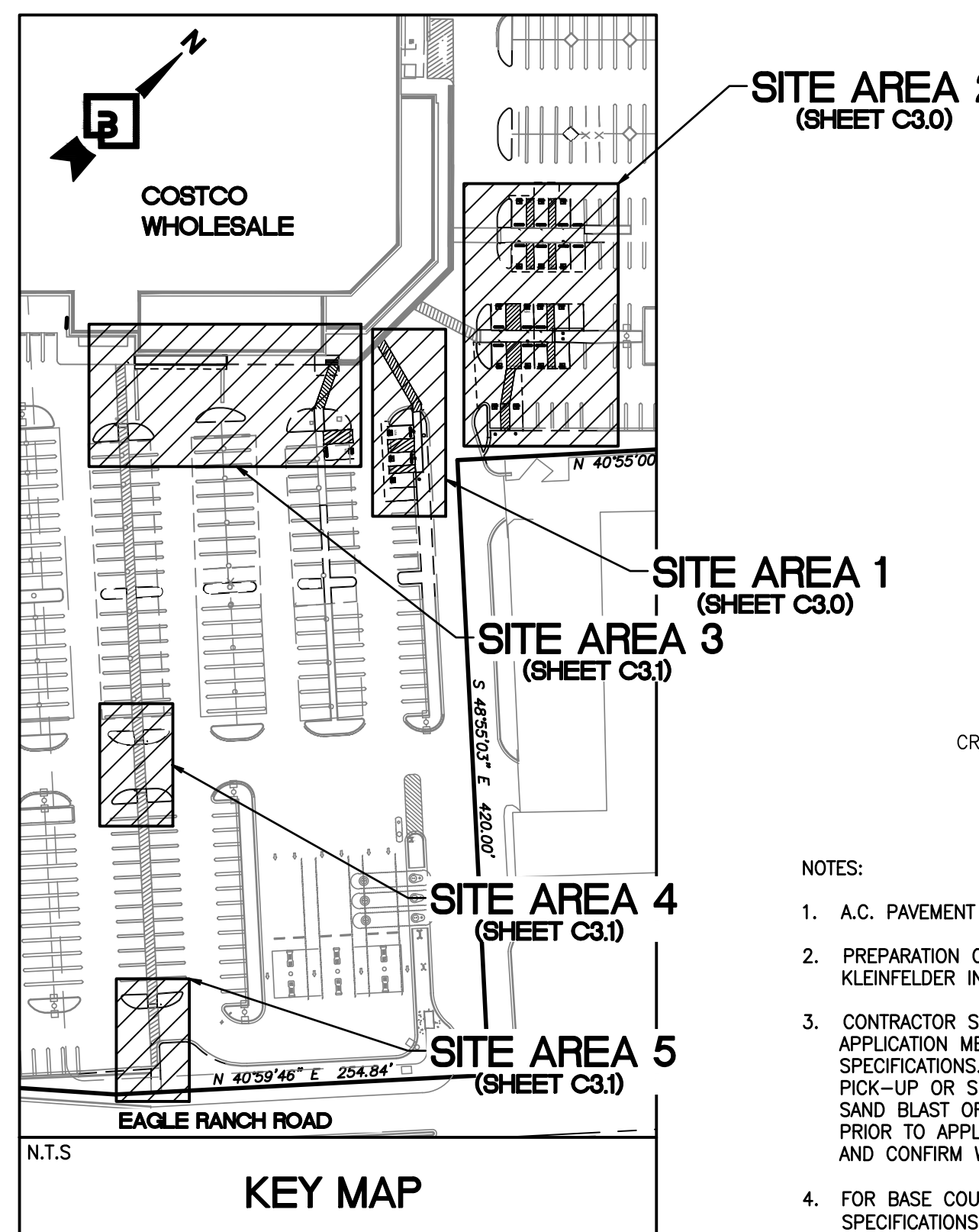
Barghausen Consulting Engineers, Inc.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222 barghausen.com

Job Number: 12735
 Sheet: C2.0 of 9
 Date: 11/29/2021 5:13 PM

Project: TESC AND DEMOLITION PLAN
 9955 COORS BYPASS BLVD NW
 ALBUQUERQUE, NM 87114
 COSTCO WAREHOUSE #1016

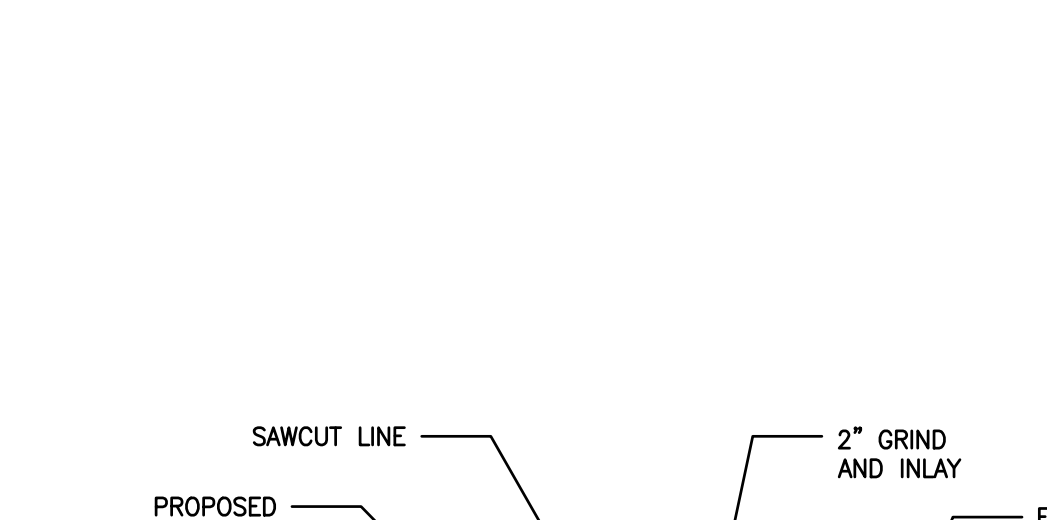
SITE AND HORIZONTAL CONTROL PLAN

ADA SITE IMPROVEMENTS
9955 COORS BYPASS BLVD NW
ALBUQUERQUE, NM 87114
COSTCO WAREHOUSE #1016



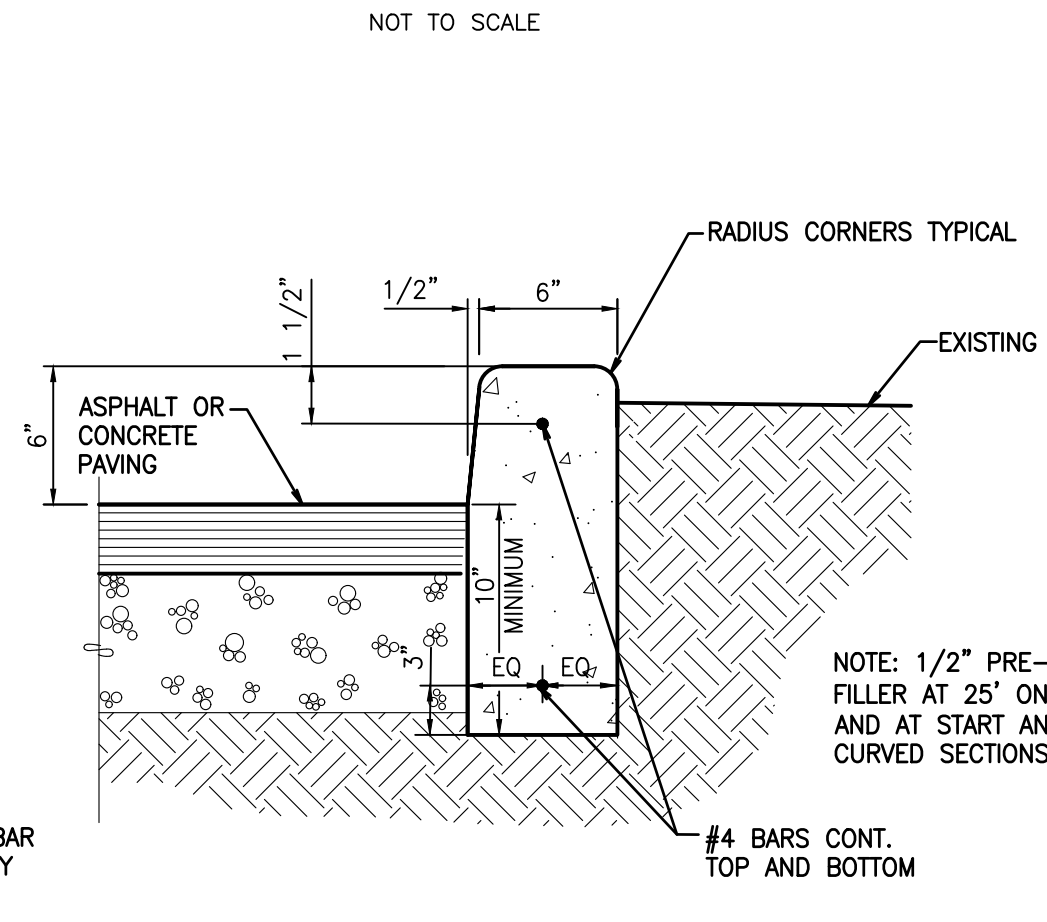
- NOTES:**
- A.C. PAVEMENT SPECIFICATION SHALL BE APPROVED BY SOILS ENGINEER.
 - PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT PREPARED BY KLEINFELDER INC. DATED FEBRUARY 2, 2007.
 - CONTRACTOR SHALL INCLUDE A LUMP SUM FOR ASPHALT SURFACE SEAL COAT. CONTRACTOR SHALL INCLUDE APPLICATION METHOD AND RATE, PRODUCT SUBMITTAL AND A UNIT PRICE BID IN ACCORDANCE WITH PROJECT SPECIFICATIONS. CONTRACTOR SHALL PROVIDE A DUSTING OF SAND WHERE EXCESS EMULSION CAUSES ASPHALT PICK-UP OR SLIPPERY SURFACE. CONTRACTOR SHALL REMOVE EXISTING VEGETATION FROM ALL CRACKS, AND JOINTS, SAND BLAST OR AIR BLAST, APPLY WEED KILLER AND HOT TAR SEAL, PATCH AND REPAIR PAVEMENT FAILURES, ALL PRIOR TO APPLICATION OF SEAL COAT. FIELD VERIFY LIMITS OF SEAL COAT IN AREAS OF NEW STRIPING, PATCHES AND CONFIRM WITH PROJECT MANAGER PRIOR TO PREP. AND APPLICATION.
 - FOR BASE COURSE LIFTS OF 1.5" THICKNESS, DO NOT USE 3/4" NOMINAL MIX PER COSTCO STANDARD SPECIFICATIONS.

ASPHALT PAVEMENT SECTION (LIGHT)



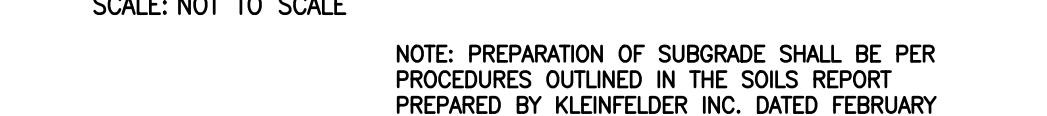
- NOTES:**
- EXISTING DEPTH OF ASPHALT MUST BE AT LEAST 4" IN ORDER TO PROVIDE LAP JOINT. IF EXISTING DEPTH OF ASPHALT IS LESS THAN 4 INCHES, PROVIDE VERTICAL SAW CUT ONLY AND APPLY RUBBER SEALANT TO THE VERTICAL SURFACE.
 - APPLY HOT RUBBER SEALANT COMPOUND ALONG JOINT PER ASTM D6690.

LAP JOINT



- NOTES:**
- EXPANSION JOINT AT 50' INTERVALS
 - CONCRETE SHALL BE TYPE 2

CEMENT CONCRETE CURB AND GUTTER



- NOTES:**
- PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT PREPARED BY KLEINFELDER INC. DATED FEBRUARY 2, 2007.
 - CONCRETE SHALL BE TYPE II OR V AND SHALL BE 560-C-3250.

CEMENT CONCRETE BARRIER CURB

SITE IMPROVEMENT SCHEDULE:

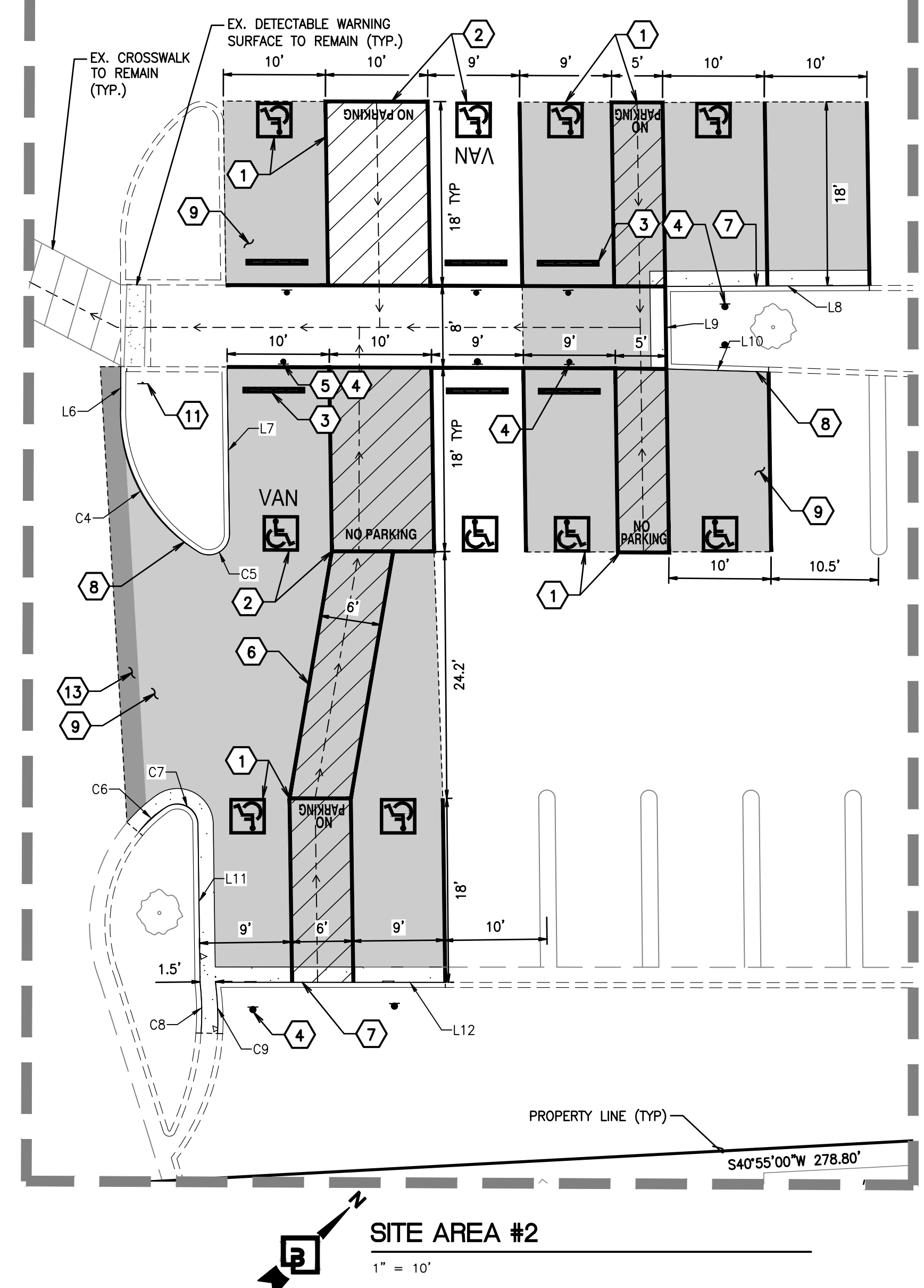
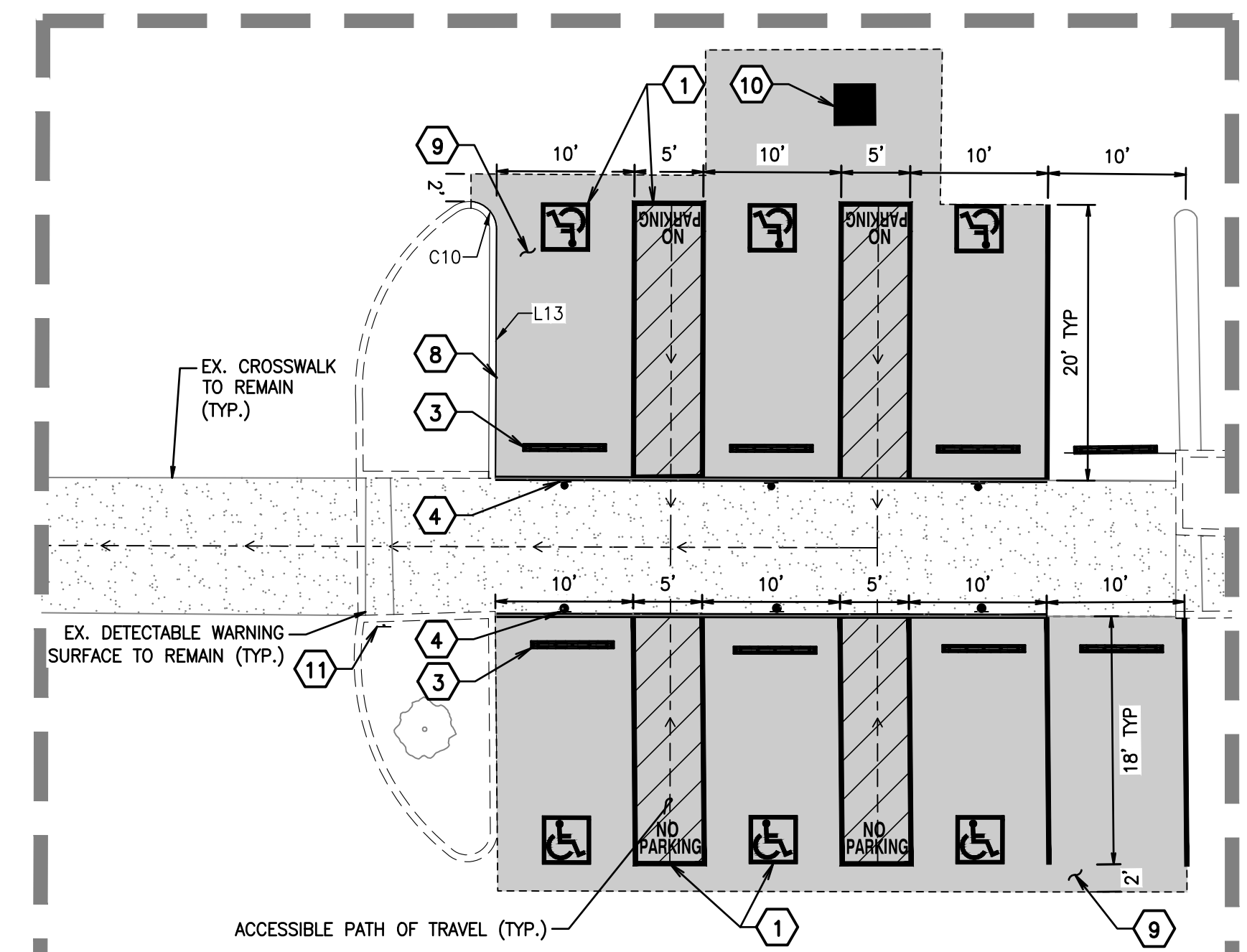
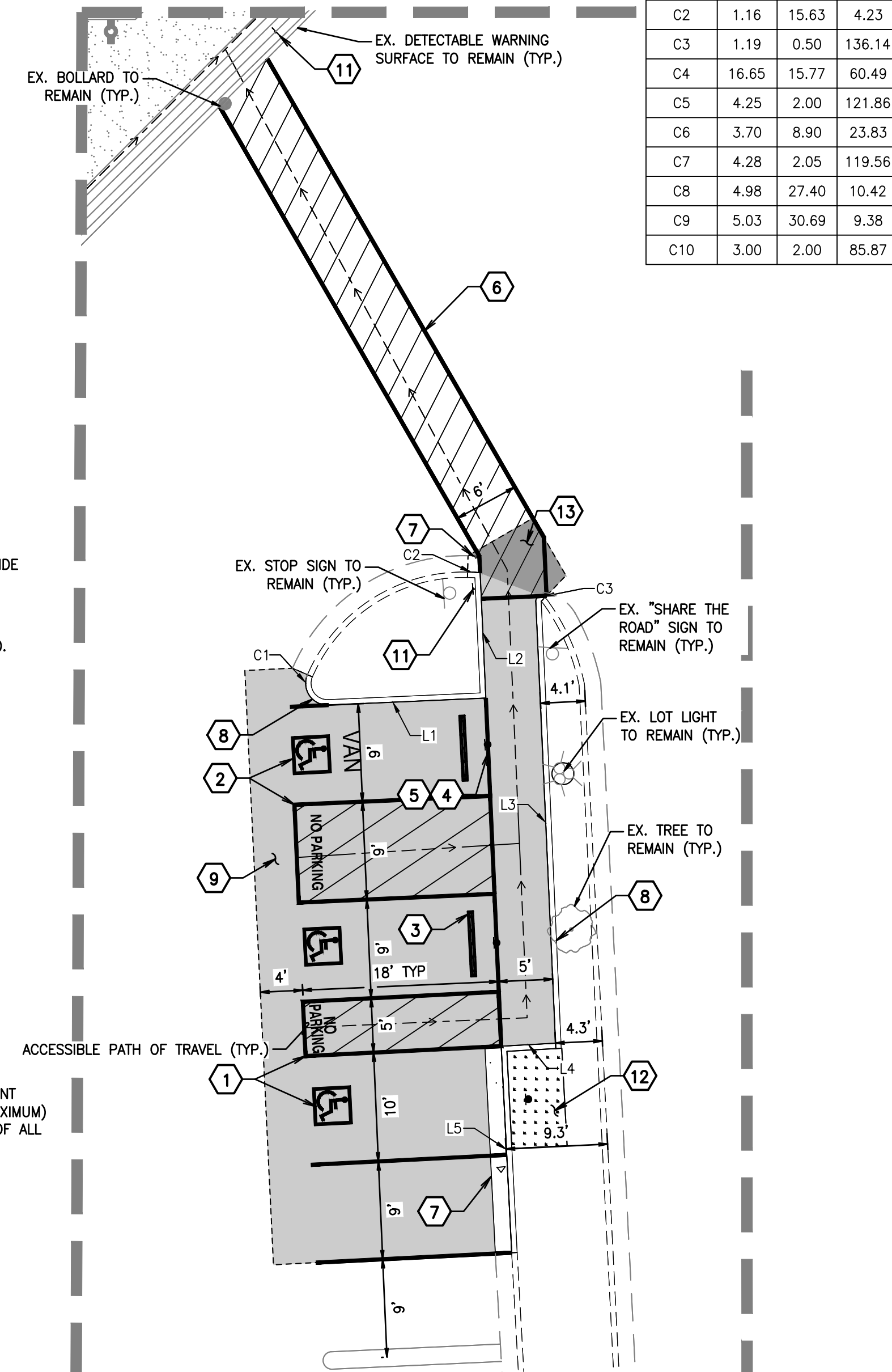
- PROPOSED ADA STALLS AND STRIPING (TYP.). SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS.
- PROPOSED ADA VAN STALLS AND STRIPING (TYP.). SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS.
- PROPOSED WHEEL STOP (TYP.). SEE ARCHITECTURAL PLANS FOR DETAILS.
- PROPOSED ADA ACCESSIBLE SIGN (TYP.). SEE ARCHITECTURAL PLANS FOR DETAILS.
- PROPOSED VAN ACCESSIBLE SIGN IN ADDITION TO ADA ACCESSIBLE SIGN FOR ALL VAN ACCESSIBLE STALLS (TYP.). SEE ARCHITECTURAL PLANS FOR DETAILS.
- PROPOSED CROSS WALK STRIPING AND MARKING. SEE ARCHITECTURAL PLANS FOR DETAILS.
- PROPOSED CURB AND GUTTER. SEE DETAIL THIS SHEET.
- PROPOSED BARRIER CURB. SEE DETAIL THIS SHEET.
- PROPOSED FULL-DEPTH LIGHT-DUTY ASPHALT PAVEMENT. SEE DETAIL THIS SHEET.
- EXISTING INLET TO BE ADJUSTED TO FINISH GRADE. SEE GRADING PLAN FOR NEW ELEVATION.
- PROPOSED "STOP FOR PEDESTRIAN" SIGN. SEE ARCHITECTURAL PLANS FOR DETAILS AND FINAL LOCATIONS.
- CONTRACTOR TO INSTALL LANDSCAPE IN KIND WITH EXISTING LANDSCAPE.
- PROPOSED FULL-DEPTH HEAVY-DUTY ASPHALT PAVEMENT. SEE DETAIL THIS SHEET.

LINE TABLE

Line #	Length	Direction
L1	14.48	S41° 27' 24.53"W
L2	11.53	S48° 37' 21.27"E
L3	40.60	N48° 35' 06.88"W
L4	5.00	N40° 48' 38.77"E
L5	19.00	N48° 54' 47.25"W
L6	4.21	N45° 45' 07.36"W
L7	16.36	S46° 50' 07.15"E
L8	20.00	S43° 42' 35.72"W
L9	8.07	S46° 49' 24.85"E
L10	10.01	N45° 39' 12.87"E
L11	15.40	N46° 47' 46.09"W
L12	22.49	S44° 01' 10.87"W
L13	18.08	N45° 47' 41.73"W

CURVE TABLE

Curve #	Length	Radius	Delta
C1	4.04	2.00	115.87
C2	1.16	15.63	4.23
C3	1.19	0.50	136.14
C4	16.65	15.77	60.49
C5	4.25	2.00	121.86
C6	3.70	8.90	23.83
C7	4.28	2.05	119.56
C8	4.98	27.40	10.42
C9	5.03	30.69	9.38
C10	3.00	2.00	85.87



ACCESSIBLE PATH OF TRAVEL NOTE:

WALKWAYS ALONG ACCESSIBLE ROUTES OF TRAVEL SHALL BE CONTINUOUSLY ACCESSIBLE, BE A MINIMUM OF 48" IN WIDTH, HAVE A MAXIMUM 2.0% CROSS SLOPE, AND SHALL HAVE RAMP COMPLIING WITH FEDERAL ACCESSIBILITY STANDARDS (SECTION 405) WHERE NECESSARY TO CHANGE ELEVATION AT A LONGITUDINAL SLOPE NOT EXCEEDING 5% (1:20).

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

Know what's below.
Call before you dig.
Dial 811
Or 1-800-892-0123

Job Number: 12735
Sheet: C3.0 of 9

For: COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

Scale: Horizontal 1" = 10', Vertical N/A

Designed: LKH
Drawn: LKH
Checked: MESF
Approved: JHS
Date: 8/18/21

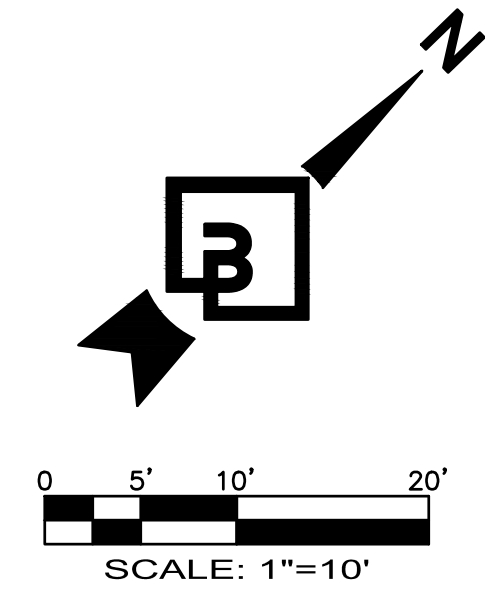
Barghausen Consulting Engineers, Inc.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

12/1/21
12/17/21 LKH MESF CRJ
12/17/21 LKH MESF CRJ
No. Date By Cmt. Appr. Revision

THE: SITE AND HORIZONTAL CONTROL PLAN
9955 COORS BYPASS BLVD NW
ALBUQUERQUE, NM 87114
COSTCO WAREHOUSE #1016

SITE AND HORIZONTAL CONTROL PLAN

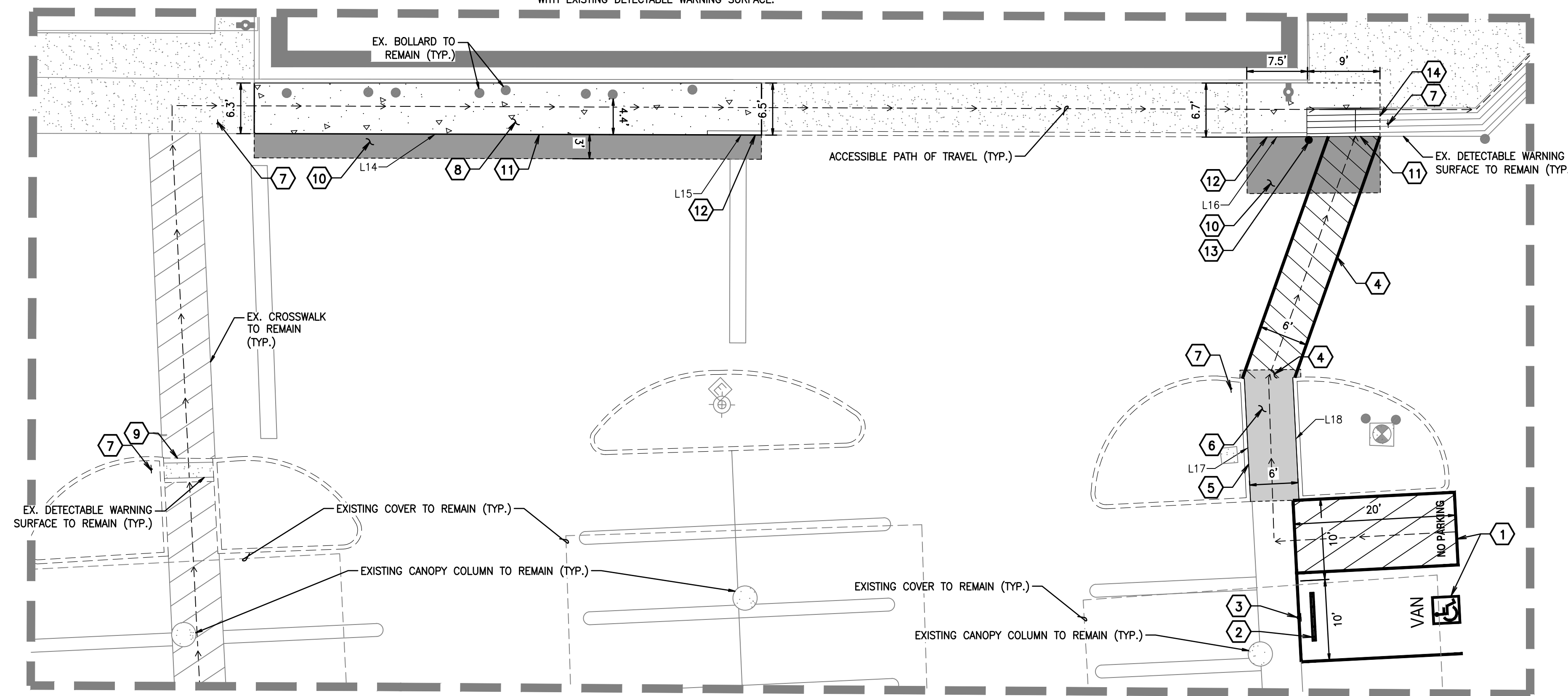
ADA SITE IMPROVEMENTS
 9955 COORS BYPASS BLVD NW
 ALBUQUERQUE, NM 87114
 COSTCO WAREHOUSE #1016



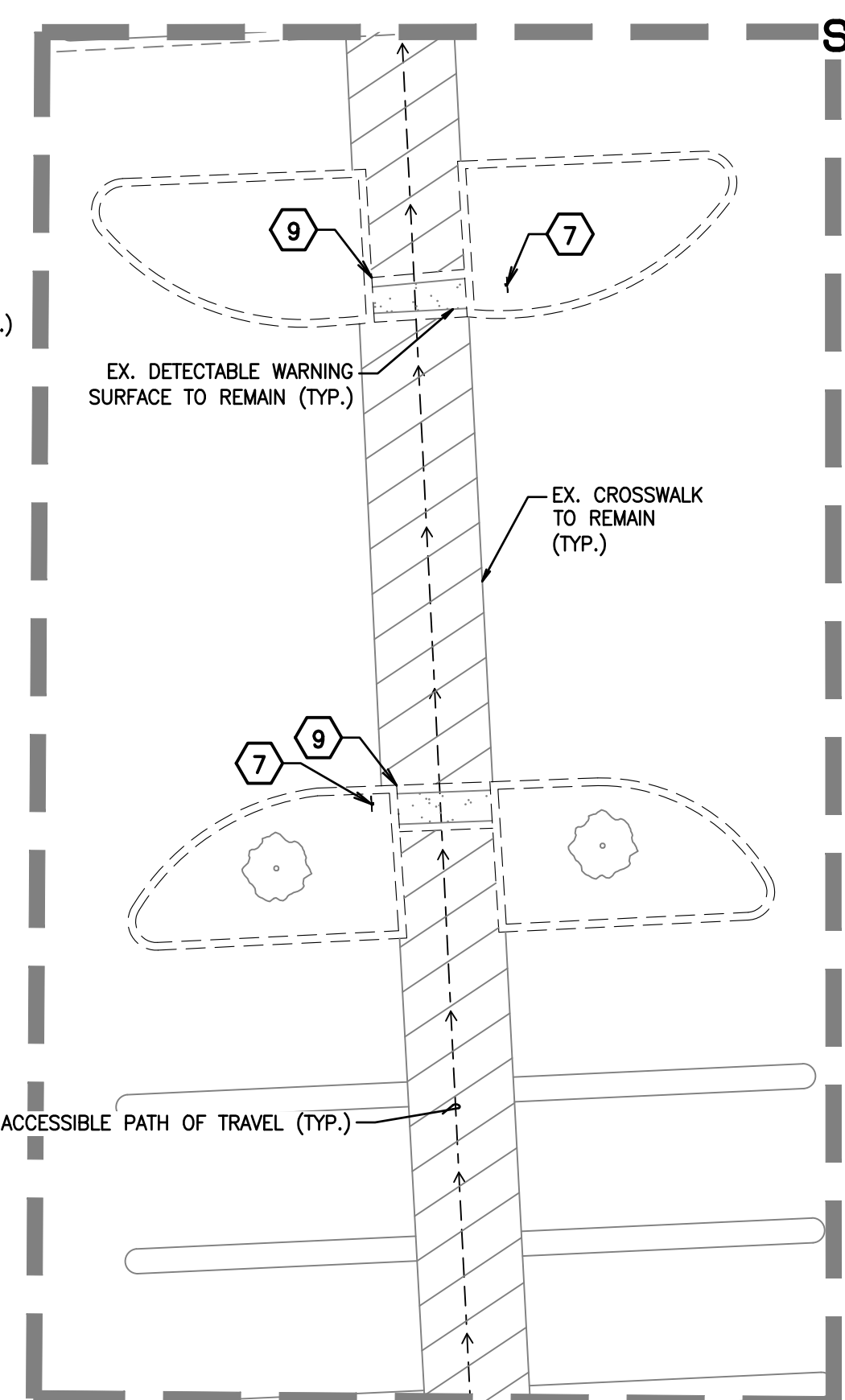
SITE IMPROVEMENT SCHEDULE:

1. PROPOSED ADA VAN STALLS AND STRIPING (TYP.). SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS.
2. PROPOSED WHEEL STOP (TYP.). SEE ARCHITECTURAL PLANS FOR DETAILS.
3. PROPOSED ADA ACCESSIBLE AND VAN ACCESSIBLE SIGN (TYP.). SEE ARCHITECTURAL PLANS FOR DETAILS.
4. PROPOSED GROSS WALK STRIPING AND MARKING. SEE ARCHITECTURAL PLANS FOR DETAILS.
5. PROPOSED BARRIER CURB. SEE DETAIL SHEET C3.0.
6. PROPOSED FULL-DEPTH LIGHT-DUTY ASPHALT PAVEMENT. SEE DETAIL SHEET C3.0.
7. PROPOSED "STOP FOR PEDESTRIAN" SIGN. SEE ARCHITECTURAL PLANS FOR DETAILS AND FINAL LOCATIONS.
8. PROPOSED CONCRETE PAVEMENT IN FRONT OF TIRE CENTER. SEE CONCRETE PAVEMENT SECTION DETAIL THIS SHEET.
9. CONTRACTOR TO REPAIR AND FILL GAPS BETWEEN EXISTING DETECTABLE SURFACES AND ASPHALT SURFACE.
10. PROPOSED FULL-DEPTH HEAVY-DUTY ASPHALT PAVEMENT. SEE DETAIL SHEET C3.0.
11. PROPOSED REINFORCED FLUSH CURB SIDEWALK. SEE DETAIL THIS SHEET.
12. PROPOSED REINFORCED RAISED CURB SIDEWALK. SEE DETAIL THIS SHEET.
13. CONTRACTOR TO REPLACE BOLLARD WITH IN-KIND MATERIALS.
14. CONTRACTOR TO INSTALL DETECTABLE WARNING SURFACE IN-KIND WITH EXISTING DETECTABLE WARNING SURFACE.

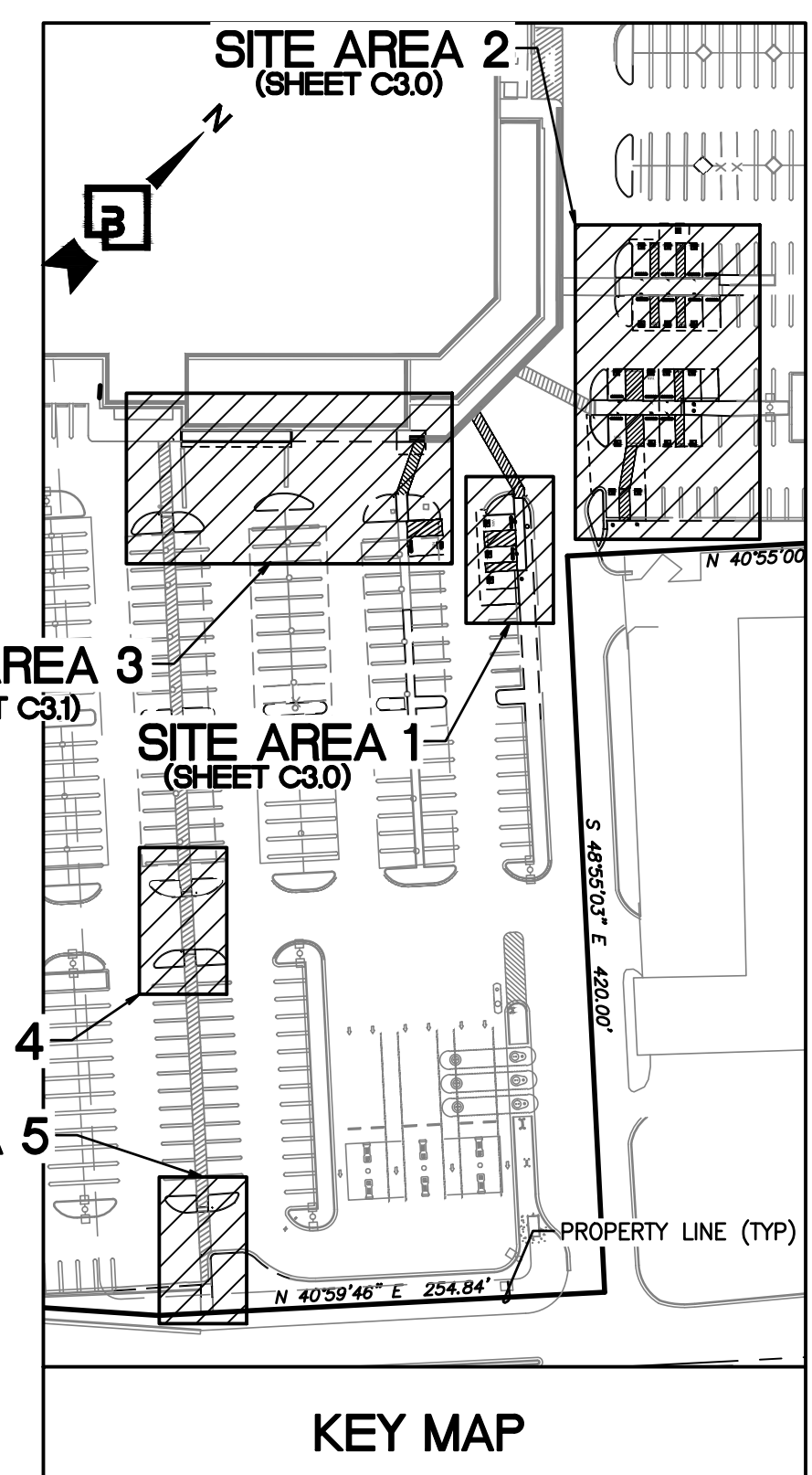
Line #	Length	Direction
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L15	6.71	N44° 13' 28.72"E
L16	7.44	S43° 38' 50.89"W
L17	15.24	S48° 54' 38.39"E
L18	15.19	S48° 54' 32.51"E



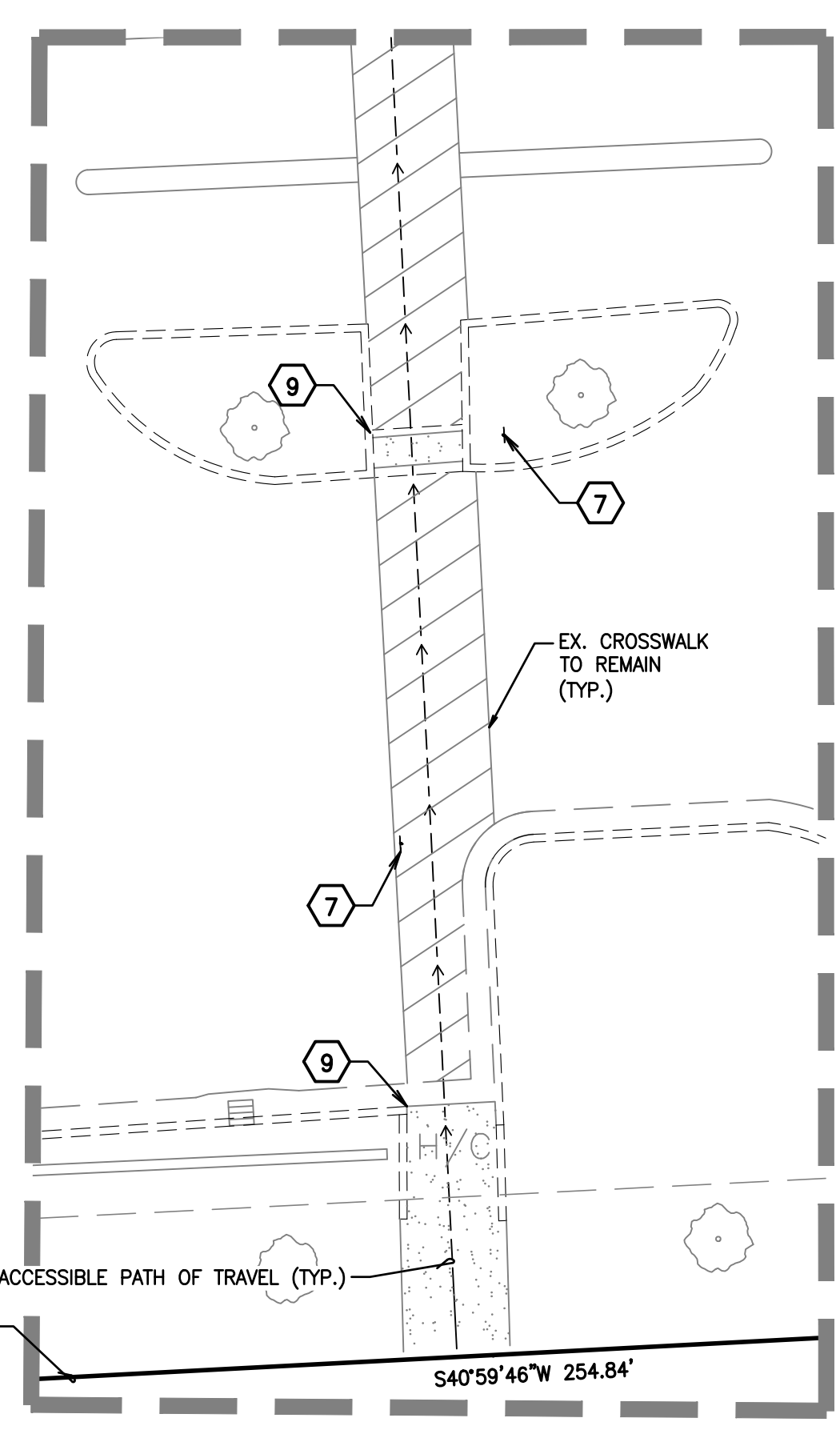
SITE AREA #3
 1" = 10'



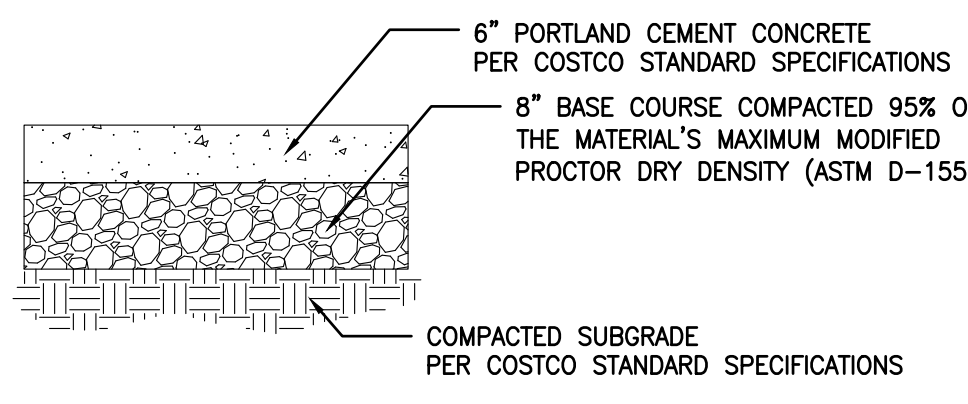
SITE AREA #4
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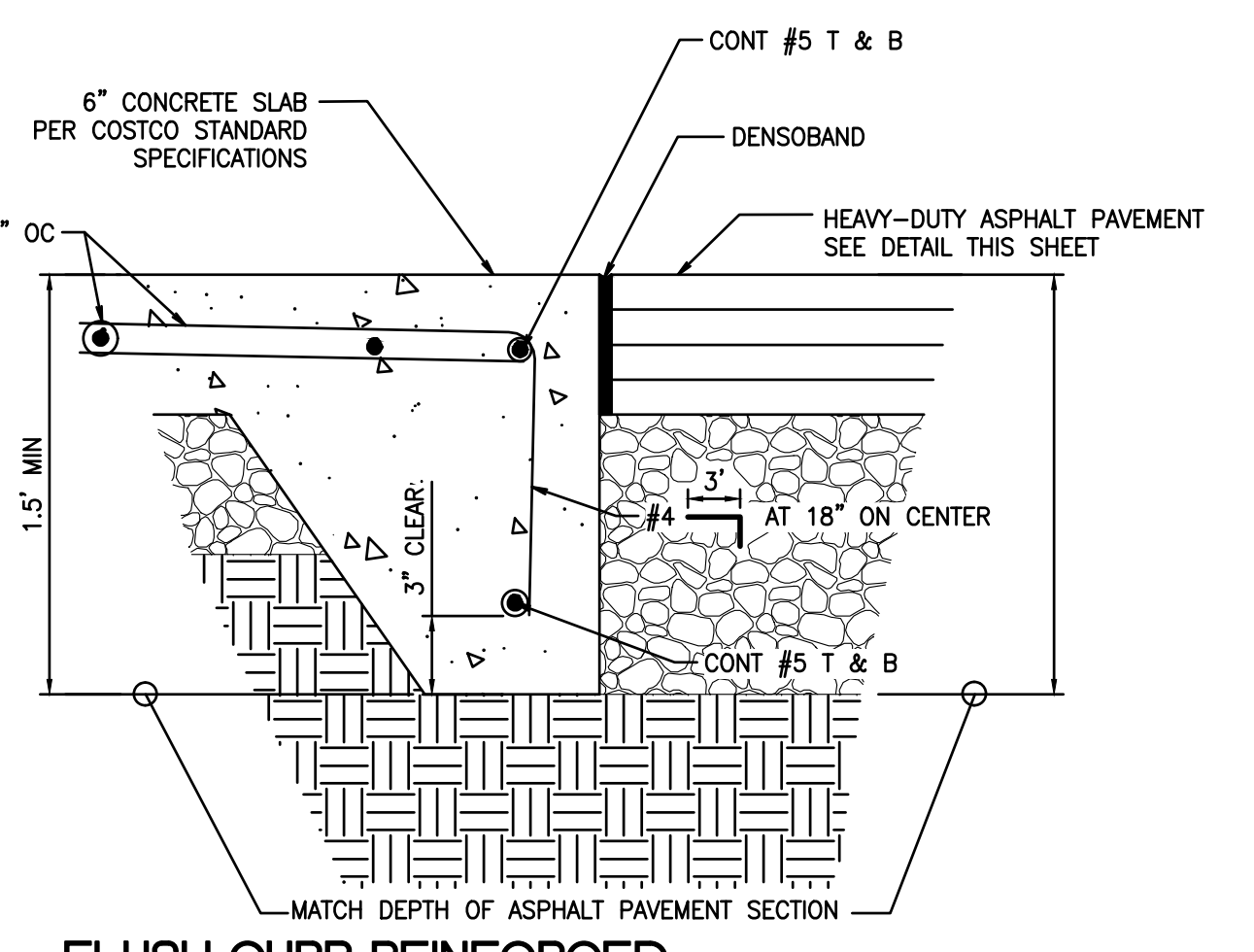
KEY MAP



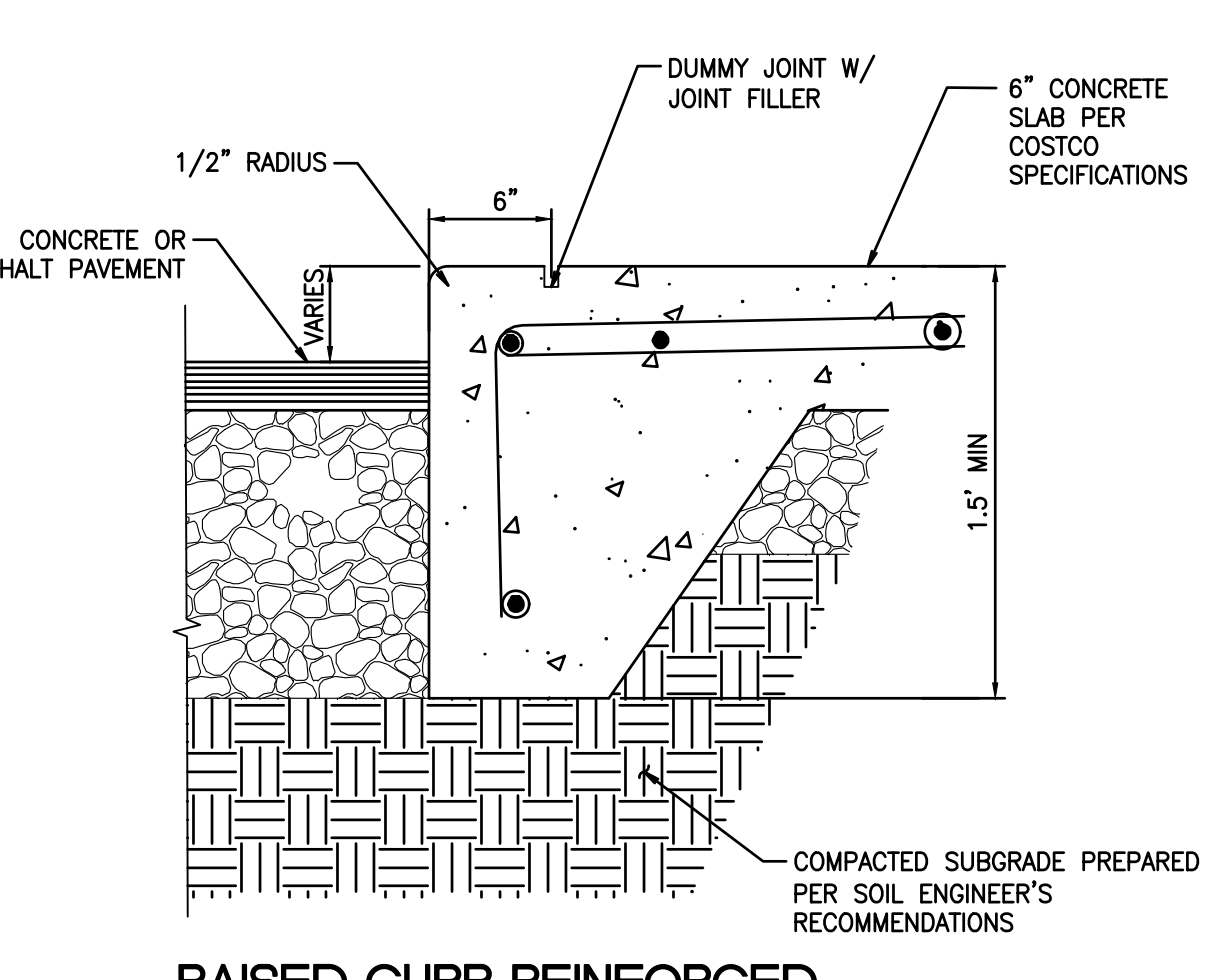
SITE AREA #5
 1" = 10'



CONCRETE PAVEMENT SECTION
 NOT TO SCALE



FLUSH CURB REINFORCED CONCRETE SIDEWALK SECTION
 NOT TO SCALE



RAISED CURB REINFORCED CONCRETE SIDEWALK SECTION
 NOT TO SCALE

ACCESSIBLE PATH OF TRAVEL NOTE:

WALKWAYS ALONG ACCESSIBLE ROUTES OF TRAVEL SHALL BE CONTINUOUSLY ACCESSIBLE, BE A MINIMUM OF 48" IN WIDTH, HAVE A MAXIMUM 2.0% CROSS SLOPE, AND SHALL HAVE RAMP COMPLIING WITH FEDERAL ACCESSIBILITY STANDARDS (SECTION 405) WHERE NECESSARY TO CHANGE ELEVATION AT A LONGITUDINAL SLOPE EXCEEDING 3% (1:20).

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

12/7/21 LRH MESF CRJ RESPONSE TO COMMENTS
 9/27/21 LRH MESF CRJ LAND USE SUBMITTAL / BID RELEASE
 No. Date By Cmt. Appr. Revision

Title:
 SITE AND HORIZONTAL CONTROL PLAN
 9955 COORS BYPASS BLVD NW
 ALBUQUERQUE, NM 87114
 COSTCO WAREHOUSE #1016

Costco Wholesale
 COSTCO WHOLESALE
 999 LAKE DRIVE
 ISSAQUAH, WA 98027

For:

Professional Engineer
 25245
 12/1/21

Scale:
 Horizontal 1" = 10'
 Vertical N/A

Designed LRH
 Drawn LRH
 Checked MESF
 Approved JRS
 Date 8/18/21

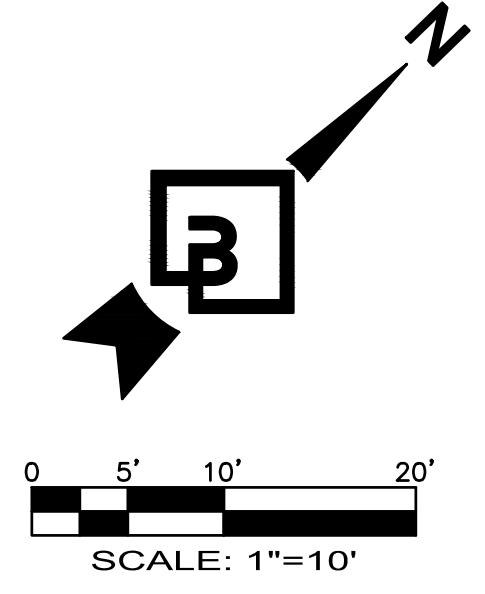
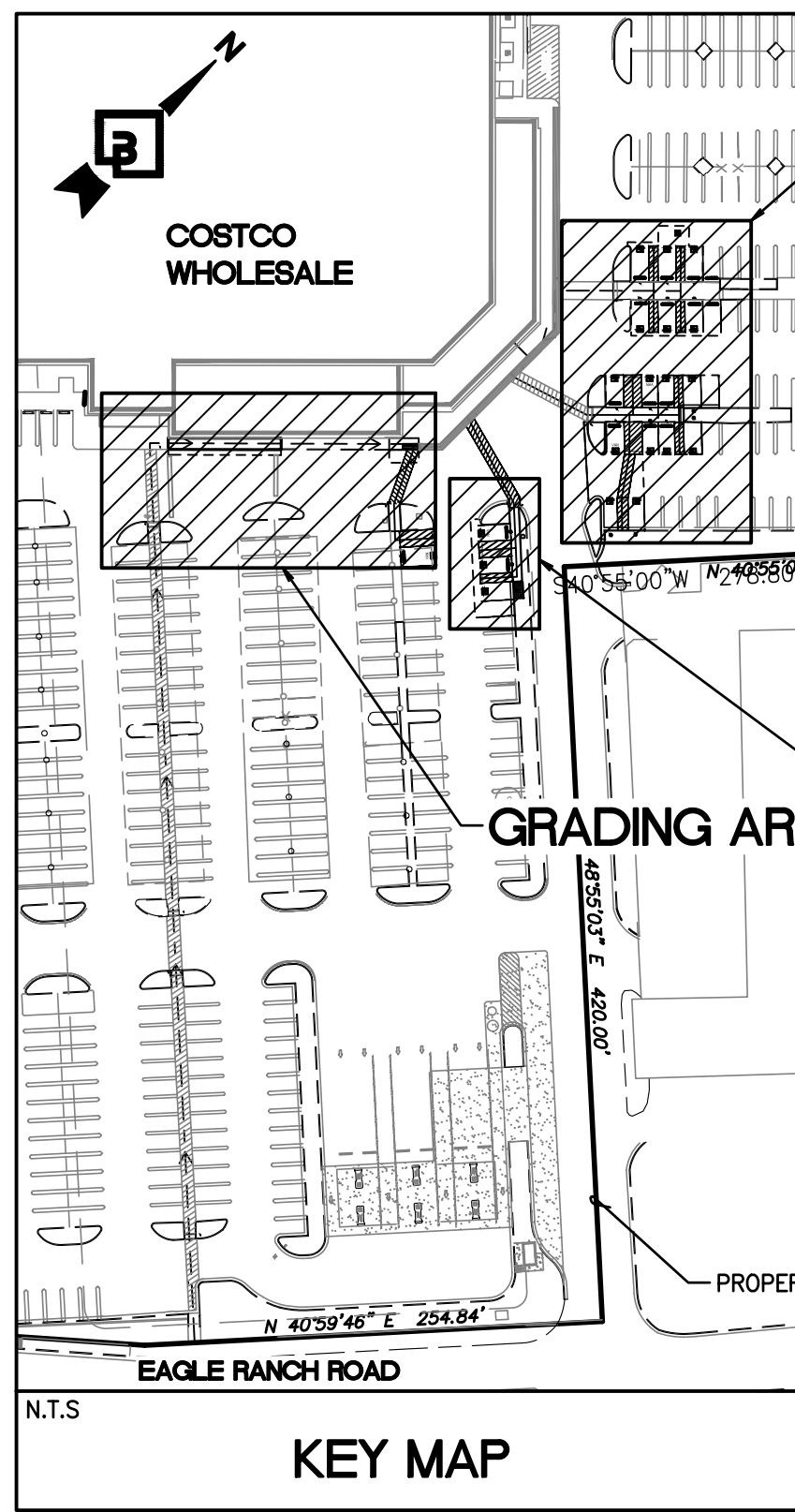
Barghausen Consulting Engineers, Inc.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222
 barghausen.com

Job Number: 12735
 Sheet: C3.1 of 9



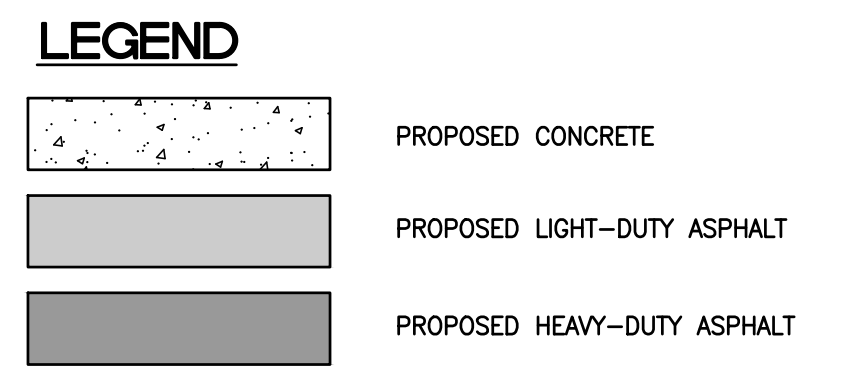
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GRADING AND DRAINAGE PLAN ADA SITE IMPROVEMENTS 9955 COORS BYPASS BLVD NW ALBUQUERQUE, NM 87114 COSTCO WAREHOUSE #1016

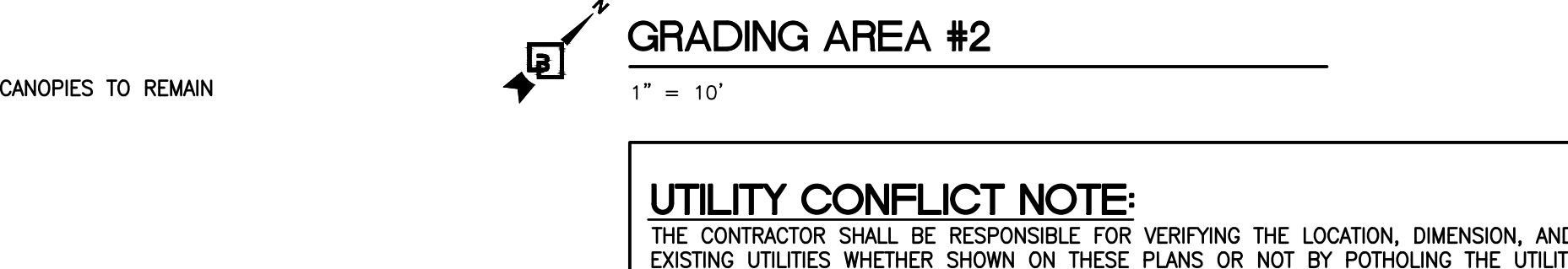
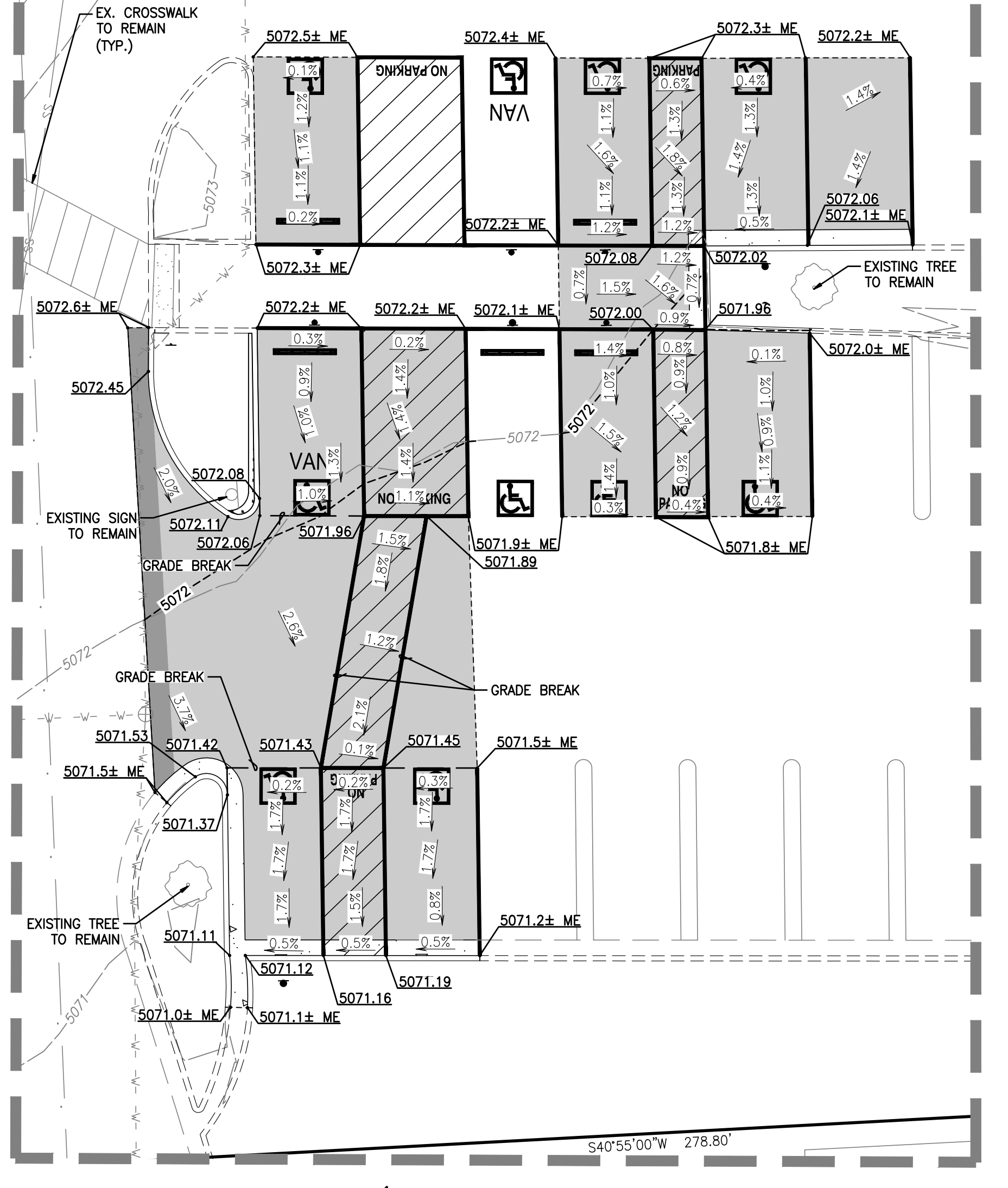
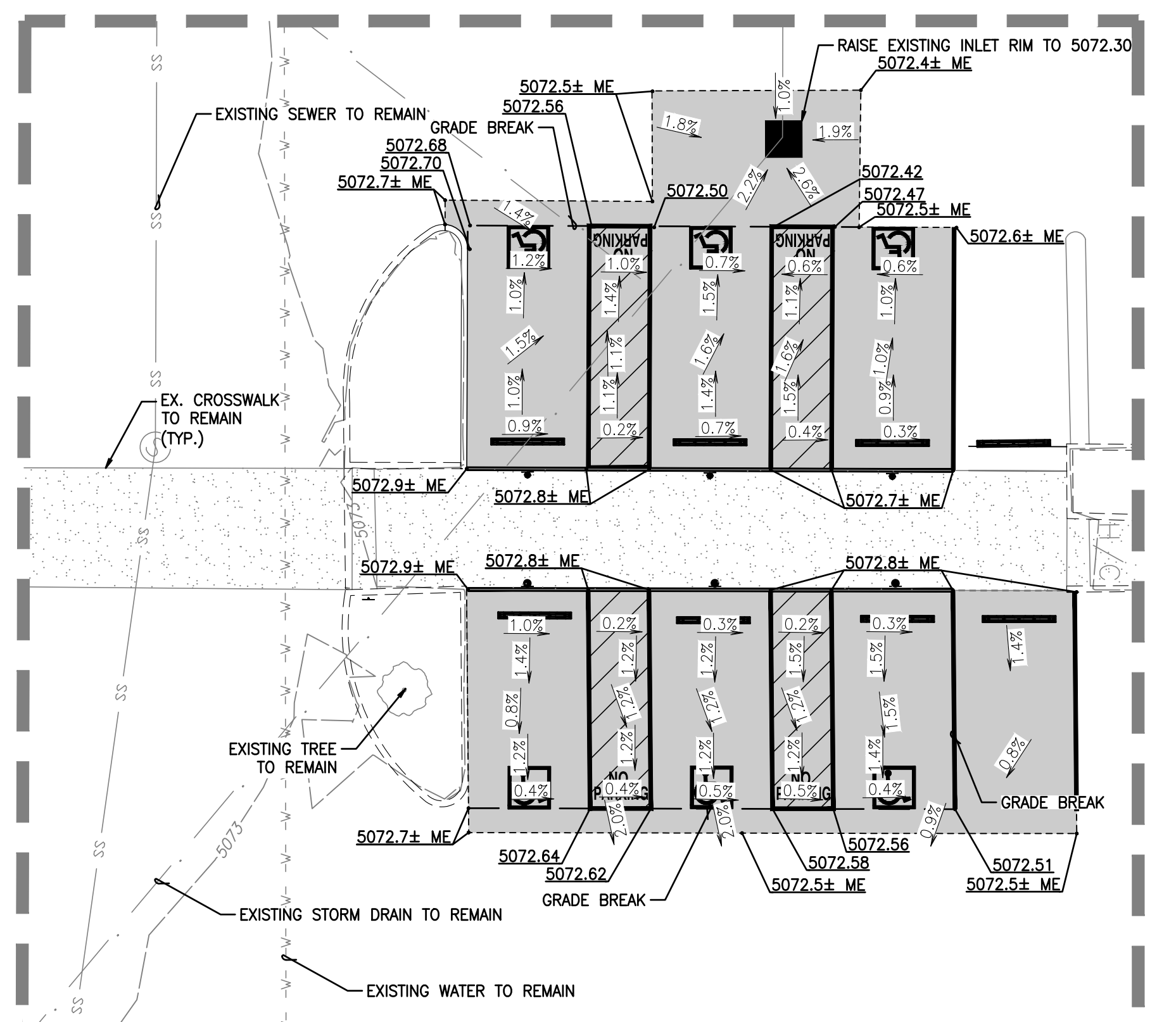
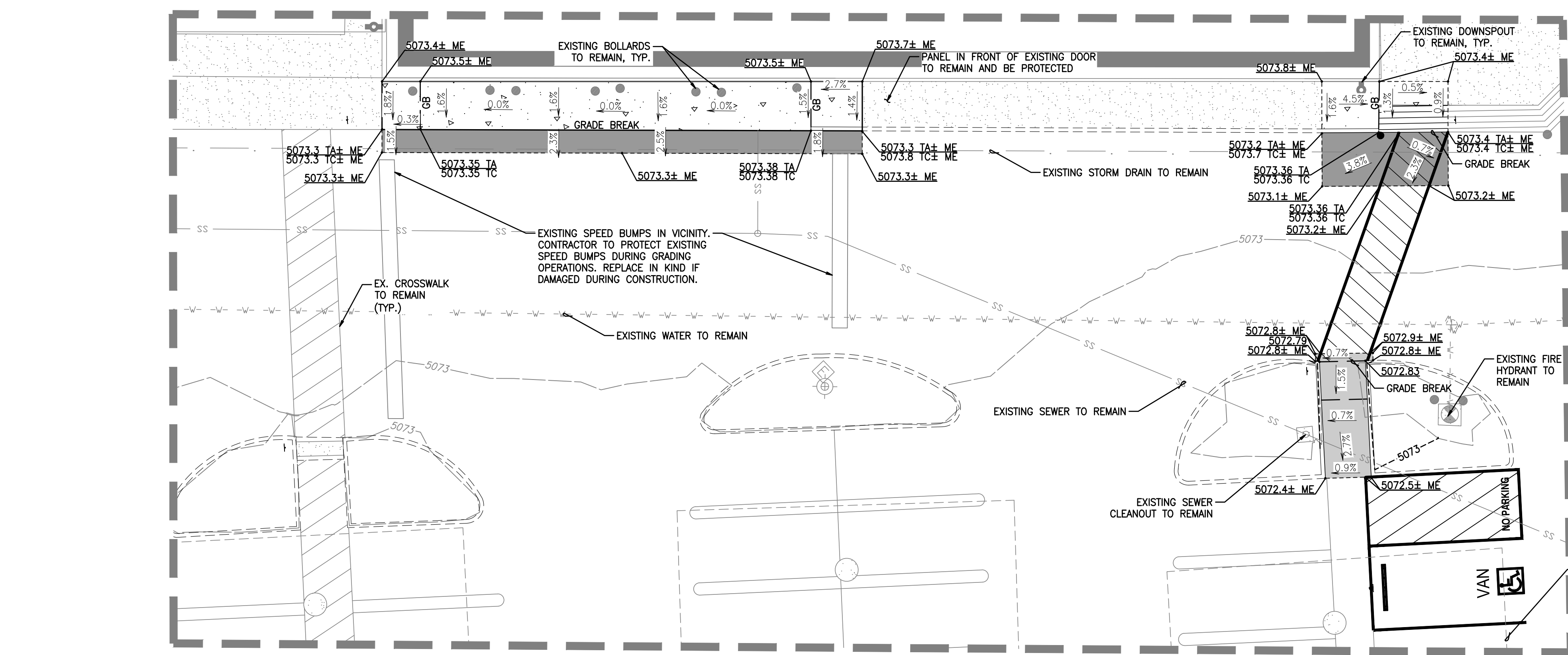


- GENERAL ACCESSIBILITY NOTES:**
- 5' MINIMUM DIMENSION LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF ALL ACCESSIBLE RAMP AND 5'x5' LANDINGS AT CHANGES IN ACCESSIBLE PATH DIRECTION. LANDINGS SHALL BE LESS THAN 2% SLOPE IN ANY DIRECTION.
 - ALL ACCESSIBLE PARKING STALLS AND LOADING ZONES SHALL BE SLOPED LESS THAN 2% IN ANY DIRECTION.
 - CRACKS/JOINTS GREATER THAN 1/2" WIDE IN ALL ACCESSIBLE PATHWAYS, RAMPS, PARKING STALLS, AND LOADING AREAS MUST BE FILLED. CHANGES IN LEVEL MUST BE LESS THAN 1/4" VERTICAL RISE. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.
 - ACCESSIBLE RAMPS WITH A RISE GREATER THAN 6" MUST PROVIDE HAND RAILS COMPLYING WITH FEDERAL ACCESSIBILITY STANDARDS.
 - SEE ACCESSIBLE PATH OF TRAVEL NOTE THIS SHEET FOR FURTHER DETAILS.

- GRADING NOTES:**
- ALL SPOT ELEVATIONS SHOWN ARE TO FINISH SURFACE (TOP OF ASPHALT OR TOP OF CONCRETE PAVEMENT, NOT TOP OF CURB/SIDEWALK) UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PROPOSED GRADES IN RELATIONSHIP TO SURVEYED BASIS OF ELEVATION.
 - FILL MATERIAL AND COMPACTION SHALL CONFORM TO CITY OF ALBUQUERQUE REQUIREMENTS.
 - CONTRACTOR TO PROTECT AND MAINTAIN EROSION CONTROL MEASURES DURING GRADING OPERATIONS AND REMOVE AT END OF CONSTRUCTION.
 - CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE REQUIREMENTS.



ACCESSIBLE PATH OF TRAVEL NOTE:
WALKWAYS ALONG ACCESSIBLE ROUTES OF TRAVEL SHALL BE CONTINUOUSLY ACCESSIBLE, BE A MINIMUM OF 48" IN WIDTH, HAVE A MAXIMUM 2.0% CROSS SLOPE, AND SHALL HAVE RAMPS COMPLYING WITH FEDERAL ACCESSIBILITY STANDARDS (SECTION 405) WHERE NECESSARY TO CHANGE ELEVATION AT A LONGITUDINAL SLOPE NOT EXCEEDING 5% (1:20).



UTILITY CONFLICT NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

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Job Number	12735
Sheet	C40 9
Job Name	GRADING AND DRAINAGE PLAN 9955 COORS BYPASS BLVD NW ALBUQUERQUE, NM 87114 COSTCO WAREHOUSE #1016
Client	COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027
Scale	Horizontal 1" = 10' Vertical 1/4"
Designed	LRH
Drawn	LRH
Checked	MESJ
Approved	JHS
Date	8/15/21
Professional Engineer	
Company	Barghausen Consulting Engineers, Inc. 18215 72nd Avenue South Kent, WA 98032 425.251.6222 barghausen.com