

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 OR 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.



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BASIS OF ELEVATIONS:

1.75" CITY OF ALBUQUERQUE SURVEY CONTROL DISK STAMPED "ACS BM 10-F15", EPOXIED TO THE CENTER OF THE TOP OF A DROP INLET, LOCATED ON THE NORTH SIDE OF MONTAÑO ROAD 85' EAST OF THE ALAMEDA LATERAL, HAVING AN ELEVATION OF 5002.45, NAVD.

BASIS OF BEARINGS:

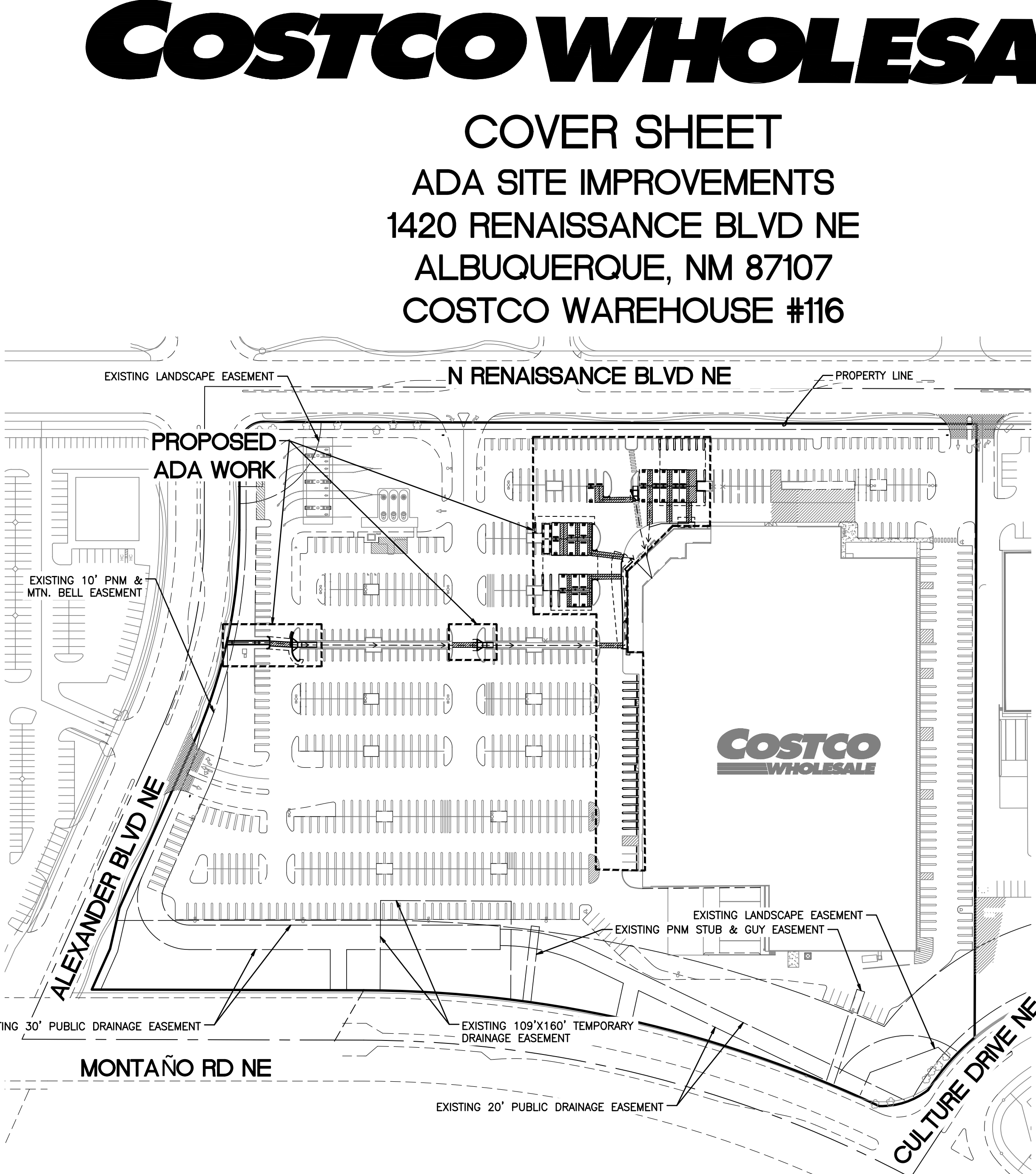
NAD 83, NEW MEXICO STATE PLANE CENTRAL ZONE AS MEASURED USING CITY OF ALBUQUERQUE BENCHMARKS 9-15 AND 10-F15.

FEMA FLOODPLAIN:

THE SUBJECT SITE IS LOCATED WITHIN ZONE X (FEMA FIRM NO. 35001C0138H DATED AUGUST 16, 2012).

SITE PLAN NOTE:

A SITE PLAN PREPARED BY MG2 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.



SHEET INDEX

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PROJECT DATA:

PROJECT ADDRESS: 1420 RENAISSANCE BLVD NE ALBUQUERQUE, NM 87107
JURISDICTION: CITY OF ALBUQUERQUE
APN: 10160612192063
ZONING: MODERATE INTENSITY MIXED-USE (MX-M)
PROJECT AREA SUMMARY:
TOTAL WORK AREA = 25,150 SF
TOTAL DISTURBED AREA = 15,490 SF
TOTAL NEW/REPLACED IMPERVIOUS AREA = 15,490 SF
EXISTING IMPERVIOUS: 15,490 SF
PROPOSED IMPERVIOUS: 945 SF
EXISTING PERVIOUS: 945 SF
PROPOSED PERVIOUS: 900 SF

GRADING QUANTITIES:

TOTAL CUT (CY) = 20
TOTAL FILL (CY) = 30
TOTAL IMPORT (CY) = 10

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

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

PROJECT TEAM:

OWNER

COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

CIVIL ENGINEER

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

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

MG2
1101 SECOND AVENUE, SUITE 100
SEATTLE, WA 98101
PHONE: (206) 962-6500
FAX: (206) 962-6499
CONTACT: ALISON MCCLELLAN

GRADING AND DRAINAGE NARRATIVE:

THE SITE IS CURRENTLY DEVELOPED WITH AN EXISTING COSTCO WAREHOUSE, FUEL FACILITY, PARKING, STORMWATER FACILITIES, AND LANDSCAPING. STORMWATER RUNOFF IS DETAINED ON-SITE IN PARKING LOT PONDS AND THEN CONVEYED THROUGH A CLOSED CONVEYANCE SYSTEM TO THE STORM SYSTEM IN ALEXANDER BOULEVARD NE. THE EXISTING STORM SYSTEM WAS DESIGNED IN THE ORIGINAL WAREHOUSE DRAINAGE REPORT AND PLAN DATED JULY 18 1996 AND APPROVED AUGUST 5, 1996 (F16-006). THE ORIGINAL RENAISSANCE MASTER PLAN ALLOWS FOR 0.1 CFS/ACRE TO LEAVE THE SITE. THE SITE IS 14.8 ACRES MAKING AN ALLOWED DISCHARGE OF 1.48 CFS. THE SITE IS CURRENTLY DESIGNED TO DISCHARGE 1.37 CFS. EXISTING GRADES WITHIN THE PAVED AREAS ARE RELATIVELY FLAT WITH SLOPES RANGING FROM 0.5 TO 5 PERCENT.

THE PROPOSED IMPROVEMENTS TO THE COSTCO PARKING LOT ARE LARGELY IN BASIN/POND 9 OF THE EXISTING SITE'S CONVEYANCE SYSTEM WHICH HAS UP TO 21,700 SF OF SHEET FLOW TO AN EXISTING INLET WITH FLOW CONTROL ELEMENTS.

THE IMPROVEMENTS INCLUDE RELOCATING AND REPAVING ADA STALLS AND REPAVING RAMP, AND SIDEWALKS WITHIN THE DESIGNATED PATH OF ACCESSIBILITY TO UPGRADE THE PARKING LOT TO LATEST ADA STANDARDS. THE PROPOSED IMPROVEMENTS WILL RESULT IN A NEGLIGIBLE NET INCREASE OF IMPERVIOUS AREA AND IS THEREFORE NOT ANTICIPATED TO INCREASE DISCHARGE FLOWS OR NEGATIVELY IMPACT THE EXISTING STORM SYSTEM.

A CONTECH CDS TREATMENT MANHOLE INLET IS PROPOSED TO TREAT BASIN 9 SHEET FLOW AREA PRIOR TO ENTERING THE FLOW CONTROL CATCH BASIN. THE FACILITY DETAILS AND CALCULATIONS ARE ON SHEET C4.1, AND IS DESIGNED TO TREAT AN EQUIVALENT AREA AND MORE THAN THE REPAVED AREA.

THE SUBJECT SITE IS NOT LOCATED WITHIN A FLOOD ZONE PER FEMA FIRM NO. 35001C0138H DATED AUGUST 16, 2012.

GEOTECHNICAL REPORT NOTES:

- THE FOLLOWING GEOTECHNICAL REPORTS FOR THE SITE SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS:

SOILS REPORT: GEOTECHNICAL ENGINEERING REPORT
JOB NUMBER: 20164575.001A
DATE: MARCH 23, 2016

PREPARED BY: KLIENFELDER
1335 WEST AUTO DRIVE
TEMPE, AZ 85284
PHONE: (480) 763-1212

- 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:

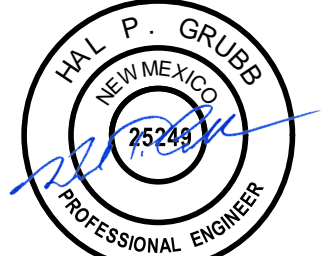
A TOPOGRAPHIC AND BOUNDARY SURVEY PREPARED BY SUPERIOR SURVEY SERVICES, INC. DATED JULY 2, 2020, HAS BEEN PROVIDED AS THE EXISTING CONDITIONS MAP TO BARGHAUSEN CONSULTING ENGINEERS, INC. BARGHAUSEN CONSULTING ENGINEERS, INC. HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED. THE 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 POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLING 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.

COVER SHEET
1420 RENAISSANCE BLVD NE
ALBUQUERQUE, NM 87107
COSTCO WAREHOUSE #116

COSTCO WHOLESALE
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027



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

Designed: LHM
Drawn: LHM
Checked: MESF
Approved: JHPS
Date: 10/14/20

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

Job Number: 10896
Sheet: C1.0 of 10
Date: 11/16/2021 1:41 PM
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STANDARD NOTES

ADA SITE IMPROVEMENTS

9955 COORS BLVD BYPASS NW

ALBUQUERQUE, NM 87114

COSTCO WAREHOUSE #116

CITY OF ALBUQUERQUE GENERAL NOTES:

- 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."
- ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR PUBLIC EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS ISSUED BY THE CITY.
- 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.
- 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.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650, SUBPART "P."
- AN EXCAVATION / CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- 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.
- 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 BARRIADAGE 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.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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.
- 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.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- 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:

- 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.
- MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROX-MATE. CONTRACTOR SHALL FIELD-VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
- 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_PROCEEDURES.ASPX
- 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.
- 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.
- REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
- ANY DAMAGE TO THE EXISTING CURB & GUTTER, PAVEMENT, SIDEWALKS, STRIPING, OR SIGNAGE DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 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:

- 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.
- THE SUBGRADE PREPARATION SHALL EXTEND ONE (1) FOOT BEYOND THE FREE EDGE OF NEW CURB & GUTTER AND SIDEWALK.
- 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.
- 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.
- 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.
- 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: DOOFC@CABO.GOV

OTHER COMMON NOTES:

- 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.
- CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL DETERMINE IN ADVANCE OF CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, GUYS, 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.
- 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.
- 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.
- 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 THEREFORE. CONTRACTOR SHALL FIELD-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.
- 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.
- 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.
- 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.
- 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.
- REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 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.
- CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED, AND RE-SET BY THE CONTRACTOR.
- 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 827-8320.
- IF OBJECTS OF HISTORICAL, ARCHEOLOGICAL, PALEONTOLOGICAL, OR OTHER OBJECTS OF ANTIQUITY ARE ENCOUNTERED, CONTRACTOR SHALL CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER AND PROJECT ENGINEER.

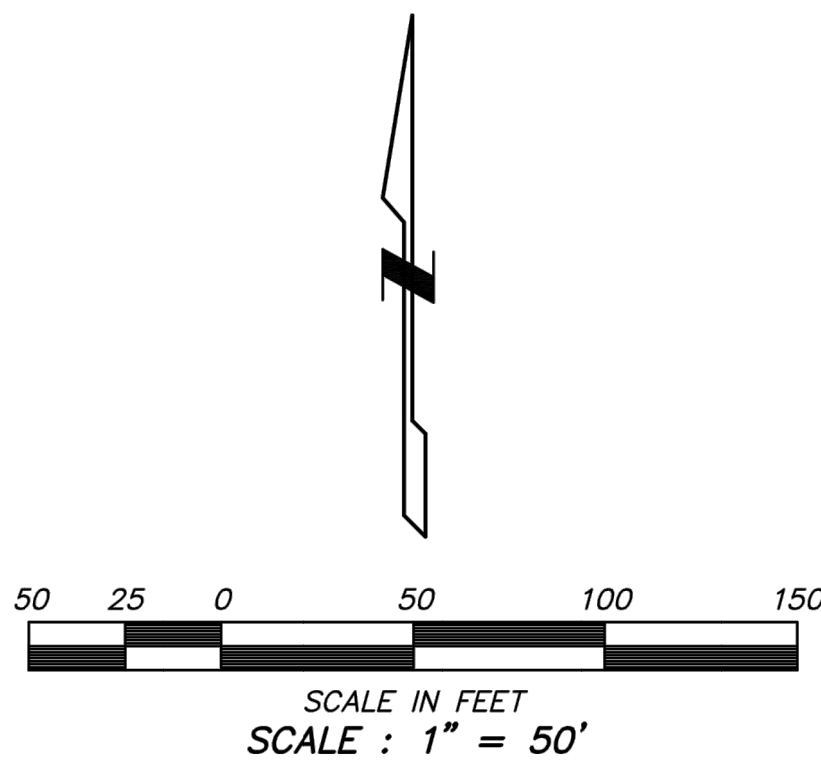
UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES 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.

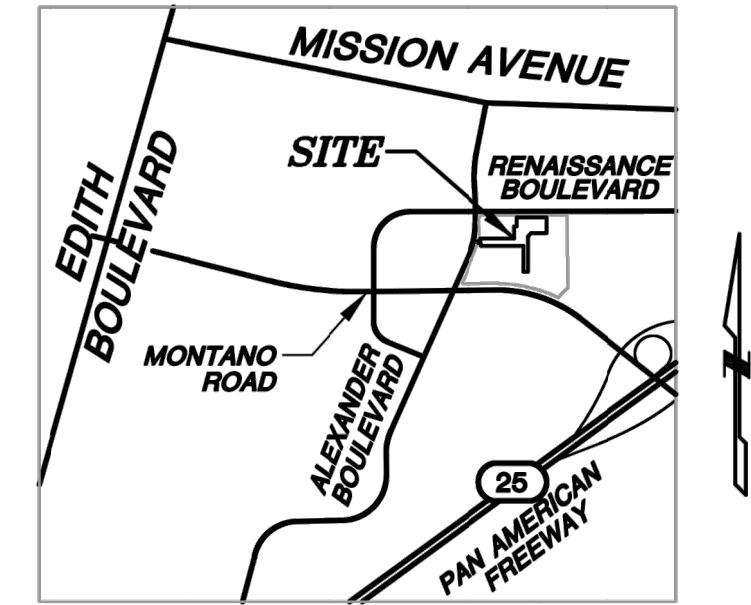
Job Number 10896		Sheet C11 of 10	
Barghausen Consulting Engineers, Inc. 182015 72nd Avenue South Kent, WA 98032 425.251.6222 barghausen.com			
Scale: Horizontal N/A Vertical N/A		Date: 10/14/20	
Designed: LRH Drawn: LRH Checked: MESF Approved: JHFS		For: COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027	
The:		STANDARD NOTES 1420 RENAISSANCE BLVD NE ALBUQUERQUE, NM 87107 COSTCO WAREHOUSE #116	

TOPOGRAPHIC SURVEY

OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 34,
TOWNSHIP 11 NORTH, RANGE 3 EAST OF THE NEW MEXICO
PRINCIPAL BASE AND MERIDIAN, BERNALILLO COUNTY,
NEW MEXICO



LEGEND
--- BOUNDARY LINE
--- CENTER LINE OR MONUMENT LINE
⊙ INDICATES BOUNDARY CORNER
NOTHING FOUND OR SET
(UNLESS OTHERWISE NOTED)



VICINITY MAP
NOT TO SCALE

OWNER

U.P.C.: 10160612193063
OWNER: COSTCO WHOLESALE CORP C/O PROPERTY TAX DEPT 116
DEED: 2001-022894 022101 B.C.R.

NOTES

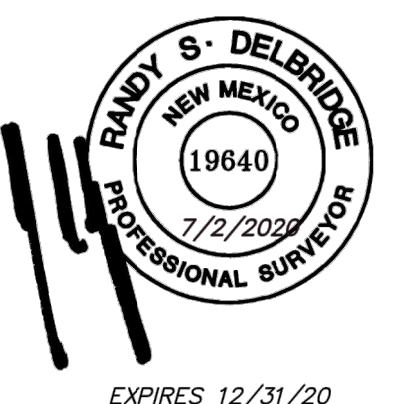
- This survey has been prepared without the benefit of a title report, and is subject to all easements of record.
- The basis of bearing is NAD 83, New Mexico State Plane Central Zone as measured using City of Albuquerque benchmarks 9_F15 and 10_F15.
- The Benchmark used for this survey is the 1.75" City of Albuquerque survey control disk stamped "ACS BM 10-F15", epoxied to the center of the top of a drop inlet, located on the north side of Montano Road 85' east of the Alameda Lateral, having an elevation of 5002.45, NAVD.
- The number of striped parking spaces on the subject property are as follows:
Regular: 750
Handicapped: 22
Total: 772
- According to FEMA Flood Insurance Rate Map, Map Number 35001C0138H, dated August 16, 2012, 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.

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	643.00'	269.36'	267.41'	S 12°10'41" W	24°00'12"
C2	30.00'	47.13'	42.43'	N 45°10'35" E	90°00'36"
C3	291.00'	68.45'	65.14'	N 41°40'52" E	16°48'26"
C4	93.38'	63.80'	62.57'	S 71°48'22" W	39°08'55"
C5	1493.40'	652.31'	647.14'	N 77°20'20" W	25°01'36"

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



TOPOGRAPHIC SURVEY
1420 RENAISSANCE BOULEVARD
ALBUQUERQUE, NM 87107

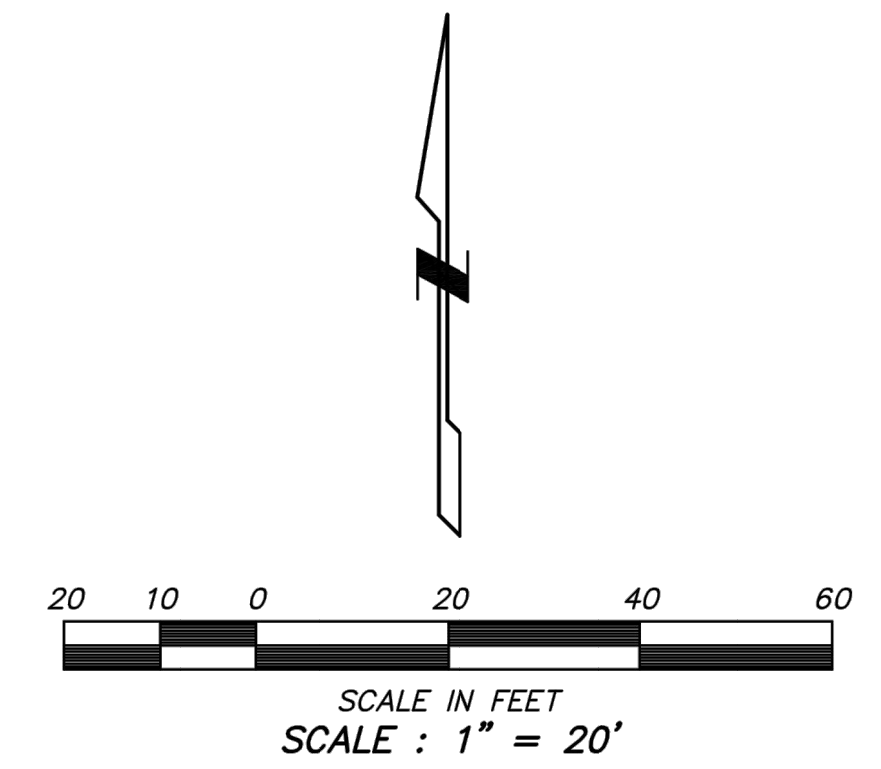
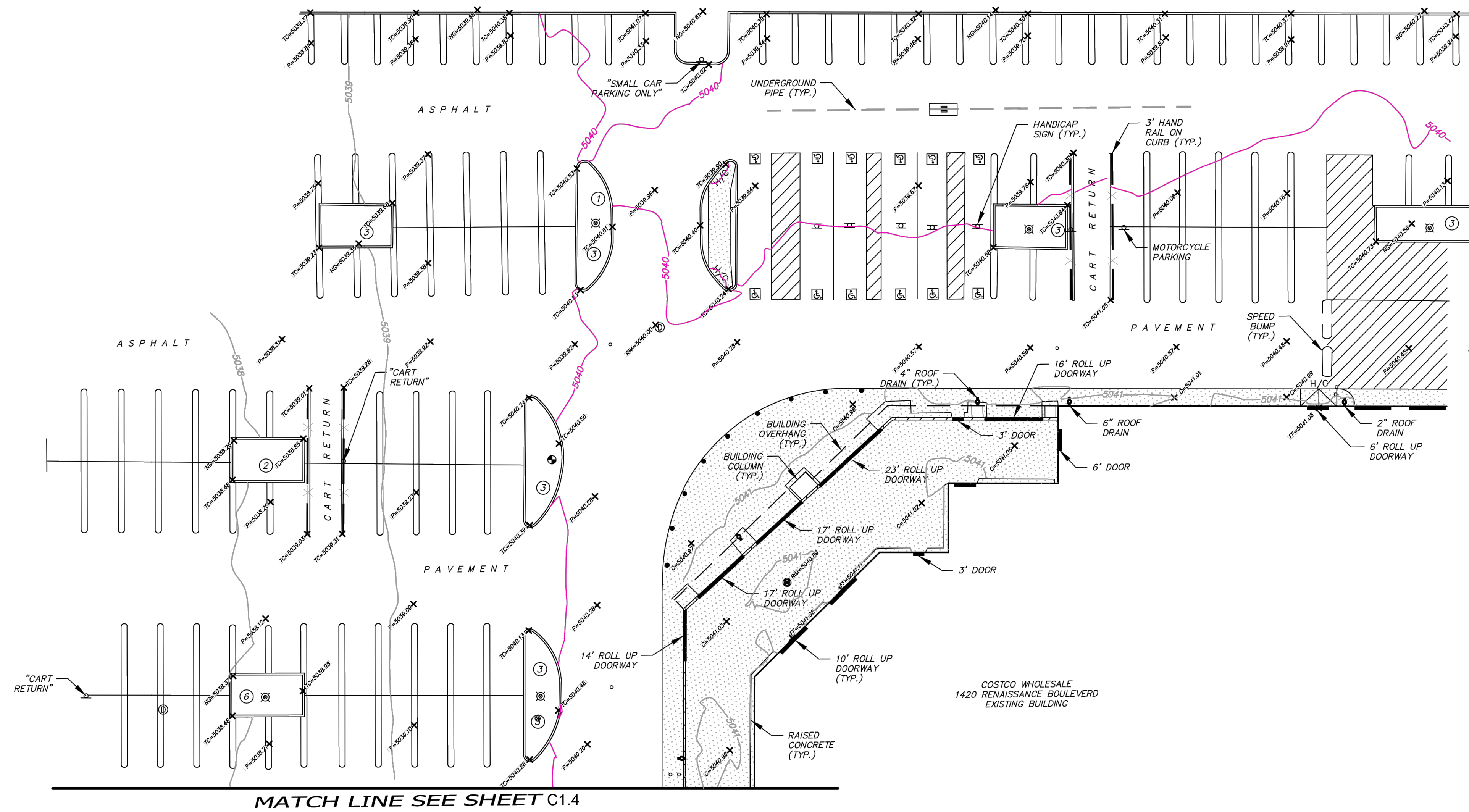
2122 W. Lone Cactus Drive, Suite 11
Phoenix, AZ 85027
623-869-0223 (office) 623-869-0726 (fax)
www.superiorsurveying.com
info@superiorsurveying.com

SUPERIOR
SURVEYING SERVICES, INC.

DWN: MD CHK: DK
C1.2 OF 9
DATE: 7/2/2020
JOB: 202006034

RENAISSANCE BOULEVARD

S 89°49'25" E 872.37'



TREE TABLE		
TREE NO.	TREE TYPE	SIZE
1	TREE	0.3'
2	TREE	0.4'
3	TREE	0.5'
4	TREE	0.6'
5	TREE	0.7'
6	TREE	0.8'
7	TREE	1.0'

LEGEND

—	BOUNDARY LINE
—	CENTER LINE OR MONUMENT LINE
⊗	INDICATES BOUNDARY CORNER
—	NOTHING FOUND OR SE (UNLESS OTHERWISE NOTED)
—	CONCRETE SURFACE
—	24 INCH VERTICAL CURB & GUTTER
—	6 INCH CONCRETE CURB
—	WALL
—	FENCE
—	ELECTRIC CABINET
—	ELECTRIC METER
—	ELECTRIC TRANSFORMER
—	FIRE HYDRANT
—	GUARD POST OR GATE POST
—	HANDICAPPED SPACE
—	METAL GRATE (CIRCULAR)
—	METAL GRATE (RECTANGULAR)
—	LIGHT POLE
—	LANDSCAPE LIGHT
—	PEDESTRIAN ACCESS RAMP
—	SEWER CLEAN OUT
—	STORM DRAIN MANHOLE
—	SEWER MANHOLE
—	STREET SIGN
—	WATER VALVE
—	FLOW LINE
—	FINISHED FLOOR
—	TOP OF CURB
—	NATURAL GROUND
—	PAVEMENT
—	CONCRETE
—	TOP OF RIM
—	INVERT ELEVATION



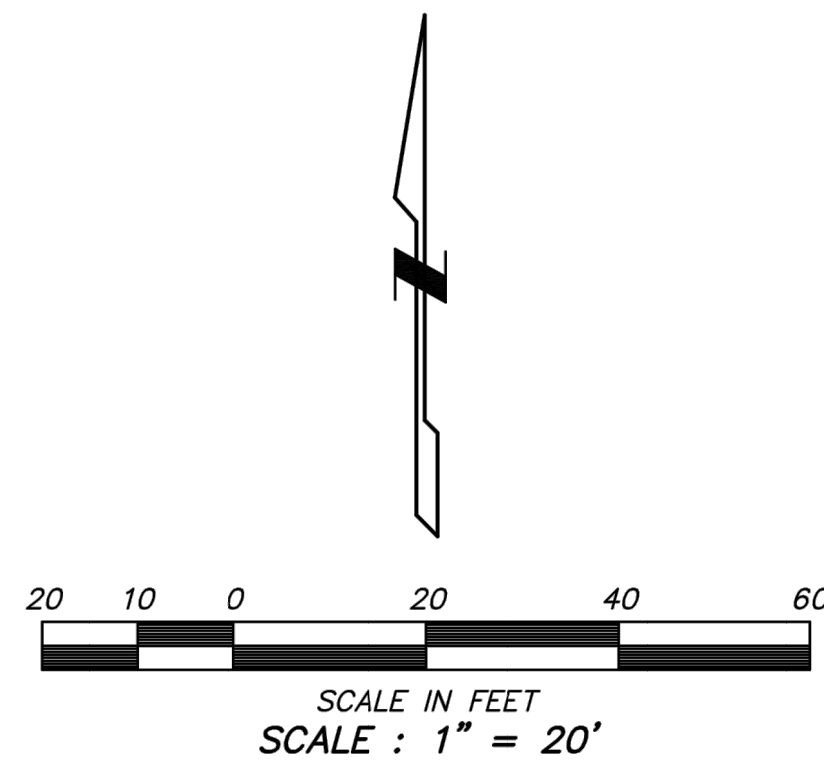
TOPOGRAPHIC SURVEY
1420 RENAISSANCE BOULEVARD
ALBUQUERQUE, NM 87107

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

SUPERIOR
SURVEYING SERVICES, INC.

DWN: MD CHK: DK
C1.3 OF 9
DATE: 7/2/2020
JOB: 202006034

ALEXANDER BLVD.



TREE TABLE		
TREE NO.	TREE TYPE	SIZE
①	TREE	0.3'
②	TREE	0.4'
③	TREE	0.5'
④	TREE	0.6'
⑤	TREE	0.7'
⑥	TREE	0.8'
⑦	TREE	1.0'

- LEGEND**
- BOUNDARY LINE
 - CENTER LINE OR MONUMENT LINE
 - INDICATES BOUNDARY CORNER
 - NOTHING FOUND OR SET (UNLESS OTHERWISE NOTED)
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 - 24 INCH VERTICAL CURB & GUTTER
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 - FIRE HYDRANT
 - GUARD POST OR GATE POST
 - HANDICAPPED SPACE
 - METAL GRATE (CIRCULAR)
 - METAL GRATE (RECTANGULAR)
 - LIGHT POLE
 - LANDSCAPE LIGHT
 - H/C PEDESTRIAN ACCESS RAMP
 - SEWER CLEAN OUT
 - STORM DRAIN MANHOLE
 - SEWER MANHOLE
 - STREET SIGN
 - WATER VALVE
 - FLOW LINE
 - FINISHED FLOOR
 - TOP OF CURB
 - NATURAL GROUND
 - PAVEMENT
 - CONCRETE
 - TOP OF RIM
 - INVERT ELEVATION

MATCH LINE "B" SEE SHEET C1.3



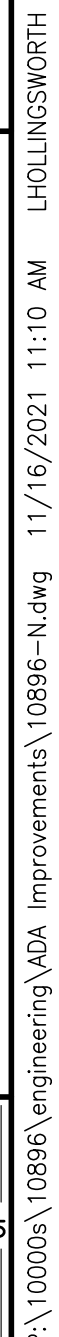
EXPIRES 12/31/20

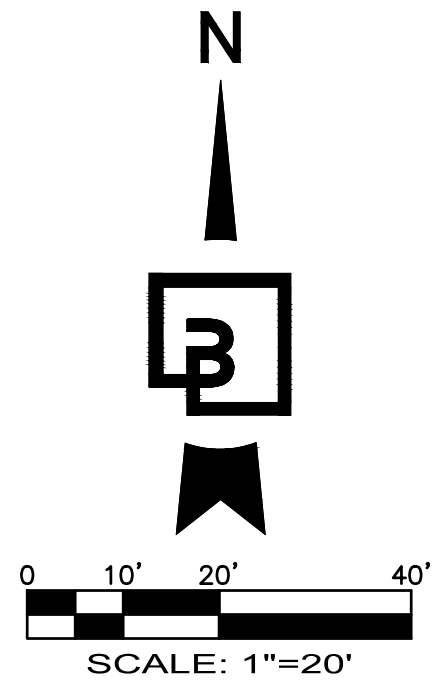
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SUPERIOR
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DWN: MD CHK: DK
C1.4 of 9
DATE: 7/2/2020
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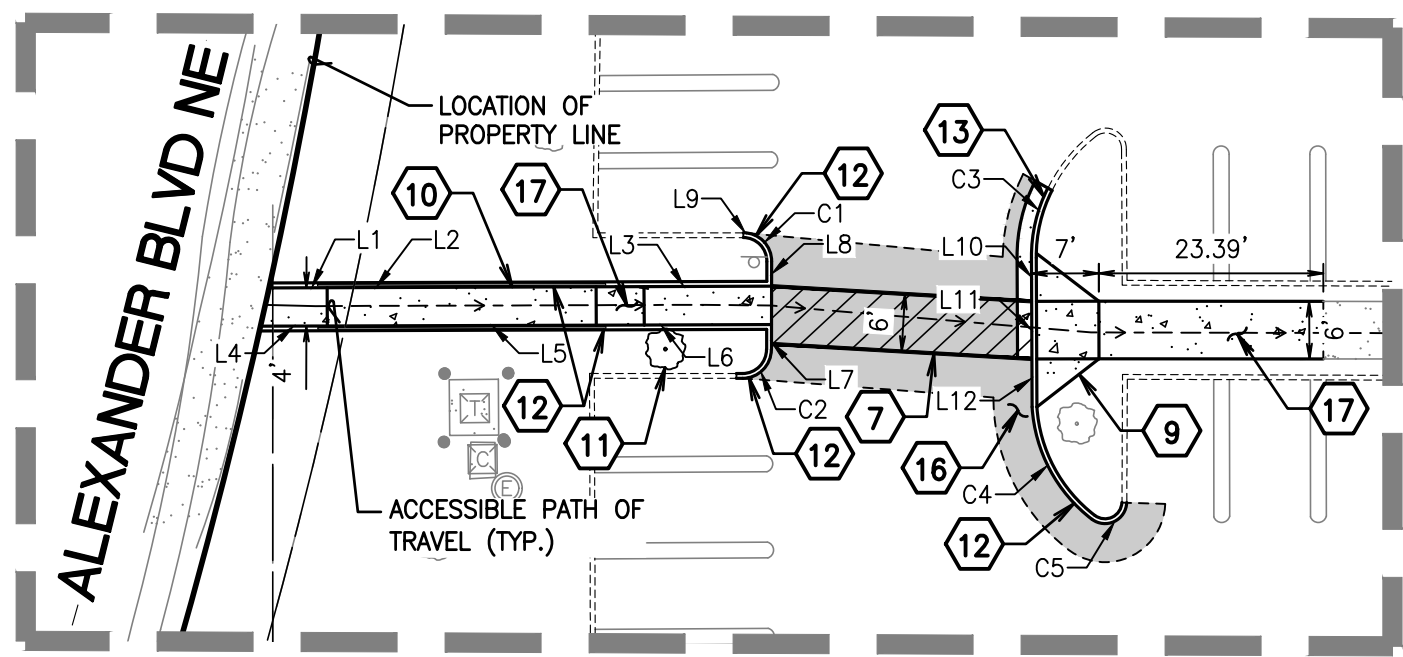


WHEEL STOP NOTE:

RETAINED EXISTING WHEEL STOPS SHALL BE PLACED IN REGULAR PARKING STALLS ONLY. ACCESSIBLE STALLS SHALL HAVE NEW WHEEL STOPS.

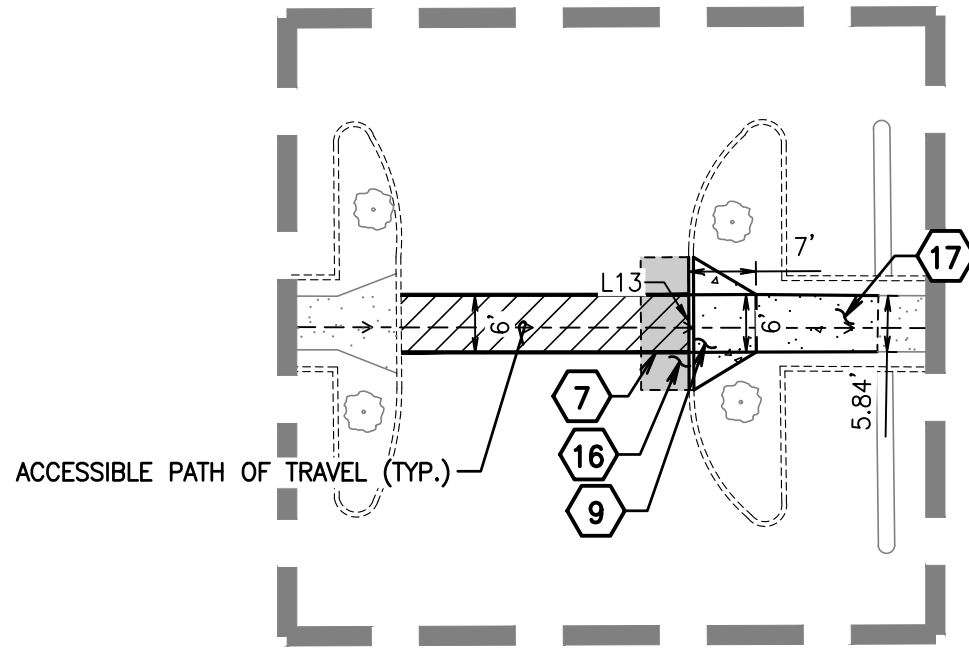
SITE IMPROVEMENT SCHEDULE:

1. PROPOSED ADA STALLS AND STRIPING (TYP.) SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS.
2. PROPOSED ADA VAN STALLS AND STRIPING (TYP.) SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS.
3. PROPOSED PARKING (TYP.) SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS.
4. PROPOSED WHEEL STOP (TYP.) SEE ARCHITECTURAL PLANS FOR DETAILS.
5. PROPOSED ADA SIGN (TYP.) SEE ARCHITECTURAL PLANS FOR DETAILS.
6. PROPOSED ADA VAN ACCESSIBLE SIGN TO BE ADDED TO VAN STALLS (TYP.) SEE ARCHITECTURAL PLANS FOR DETAILS.
7. PROPOSED CROSS WALK STRIPING AND MARKING. SEE ARCHITECTURAL PLANS FOR DETAILS.
8. PROPOSED BOLLARD SEE ARCHITECTURAL PLANS FOR DETAILS.
9. PROPOSED ADA CURB RAMP. SEE SHEET C4.0 FOR GRADING DETAILS.
10. PROPOSED 28"x4" ACCESSIBLE RAMP WITH HAND RAILINGS. SEE SHEET C4.0 FOR GRADING DETAILS AND ARCHITECTURAL PLANS FOR HANDRAIL DETAILS.
11. PROPOSED 2" MINIMUM CALIPER TREE OF SIMILAR SPECIES OF REMOVED TREE PER CITY OF ALBUQUERQUE MUNICIPAL CODE SECTION 5-6(C)(6). SEE DECIDUOUS TREE PLANTING/STAKING DETAIL ON SHEET C5.0.
12. PROPOSED BARRIER CURB. SEE DETAIL ON SHEET C5.0.
13. PROPOSED CURB AND GUTTER. SEE DETAIL ON SHEET C5.0.
14. PROPOSED REINFORCED FLUSH CURB CONCRETE WALK. MATCH EXISTING DEPTH AND AT A MINIMUM MATCH DETAIL ON SHEET C5.0. SAWCUT AT JOINT. REPLACE FULL CONCRETE PANEL. ALTERNATIVE TO FULL PANEL REPLACEMENT USE DOWEL DETAIL ON SHEET C5.0.
15. PROPOSED HEAVY-DUTY FULL-DEPTH ASPHALT PAVEMENT. SEE PAVING SECTION DETAIL ON SHEET C5.0.
16. PROPOSED LIGHT-DUTY FULL-DEPTH ASPHALT PAVEMENT. SEE PAVING SECTION DETAIL ON SHEET C5.0.
17. PROPOSED CONCRETE SIDEWALK. MATCH EXISTING DEPTH AND AT A MINIMUM MATCH DETAIL SHEET ON C5.0. REPLACE FULL CONCRETE PANEL. SAWCUT AT JOINT. REPLACE FULL CONCRETE PANEL. ALTERNATIVE TO FULL PANEL REPLACEMENT USE DOWEL DETAIL ON SHEET C5.0.
18. REPLACE EXISTING CART CORRAL. SEE ARCHITECTURAL PLANS FOR DETAILS.



SITE AREA #1

SCALE: 1" = 20'



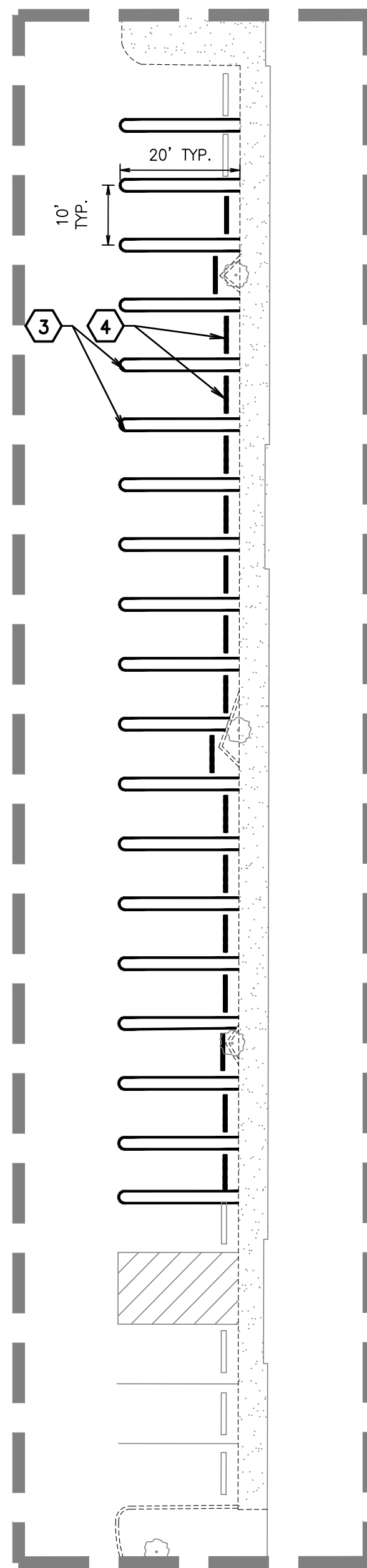
SITE AREA #2

SCALE: 1" = 20'

LINE TABLE		
Line #	Length	Direction
L1	6.06	S89° 48' 47.17"W
L2	28.00	S89° 48' 59.22"W
L3	18.29	S89° 48' 28.72"W
L4	7.00	N89° 49' 38.37"E
L5	28.00	N89° 49' 53.47"E
L6	18.26	N89° 49' 13.77"E
L7	2.59	S0° 09' 09.41"W
L8	2.56	S0° 09' 09.41"W
L9	0.32	S86° 53' 22.01"E
L10	5.00	N0° 04' 14.51"W
L11	6.00	N0° 06' 32.97"W
L12	4.00	N0° 06' 32.97"W
L13	10.00	N0° 13' 46.69"W
L14	28.45	N0° 28' 53.00"E
L15	27.23	N0° 02' 23.11"W
L16	11.50	S16° 10' 48.65"W
L17	21.50	S0° 05' 23.99"W
L18	42.21	S2° 18' 14.68"E
L19	41.05	S0° 06' 50.29"E
L20	3.12	N89° 34' 39.84"E
L21	5.00	N0° 11' 56.30"W
L22	7.00	N0° 12' 01.77"W

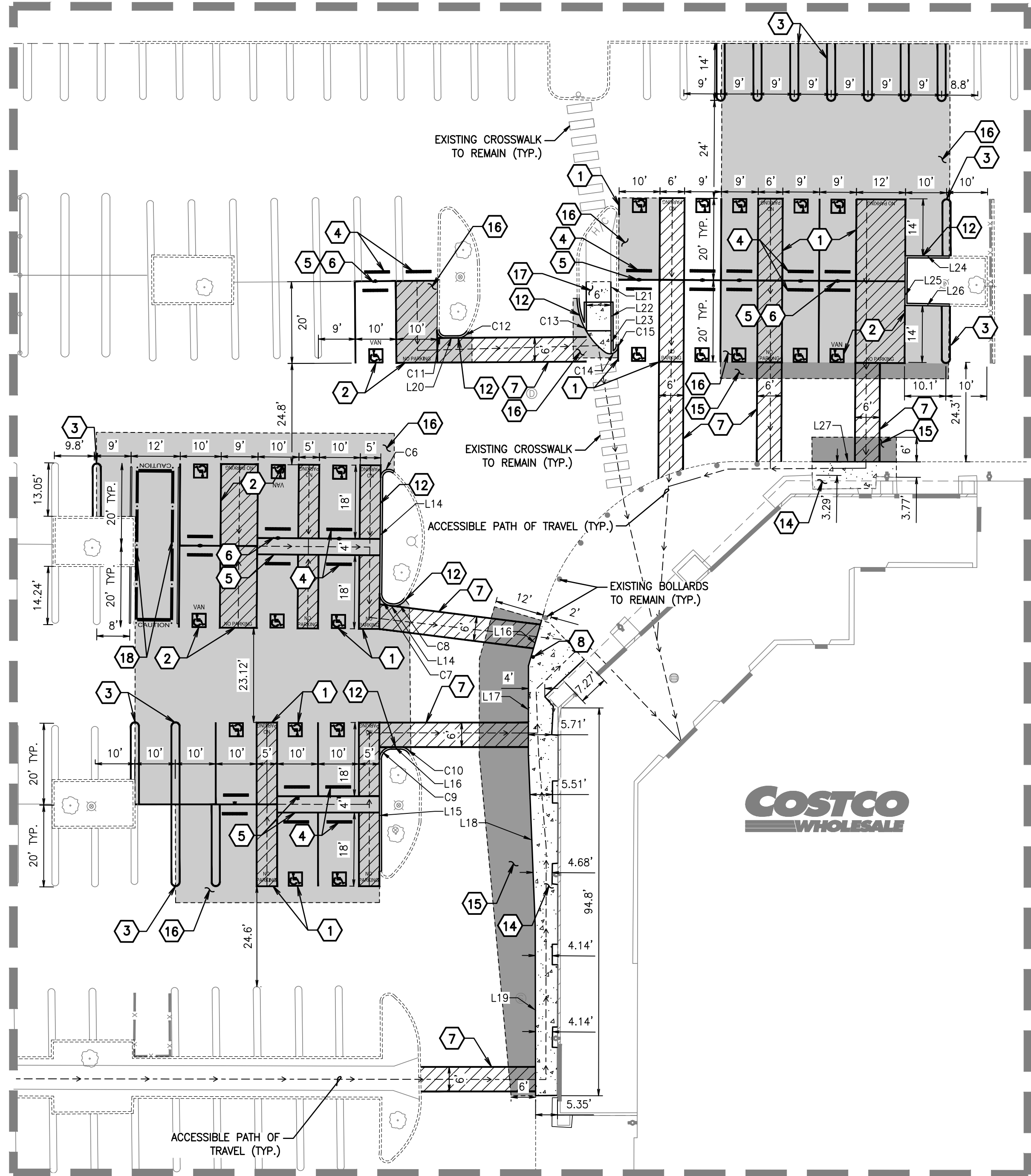
LINE TABLE		
Line #	Length	Direction
L23	5.61	N0° 12' 10.14"W
L24	10.76	S89° 37' 40.43"E
L25	12.13	N0° 20' 43.53"E
L26	10.87	N89° 03' 31.34"E

CURVE TABLE			
Curve #	Length	Radius	Delta
C1	4.36	3.00	83.38
C2	4.71	3.00	89.93
C3	7.07	15.50	26.15
C4	14.68	16.00	52.58
C5	4.97	2.25	126.55
C6	4.41	2.00	126.08
C7	4.36	3.02	82.76
C8	3.81	3.50	62.36
C9	4.71	3.00	90.04
C10	3.07	3.00	58.72
C11	3.14	2.00	90.00
C12	3.02	3.00	57.69
C13	15.34	17.00	51.69
C14	4.42	2.00	126.67
C15	4.42	2.00	126.67



SITE AREA #3

SCALE: 1" = 20'



SITE AREA #4

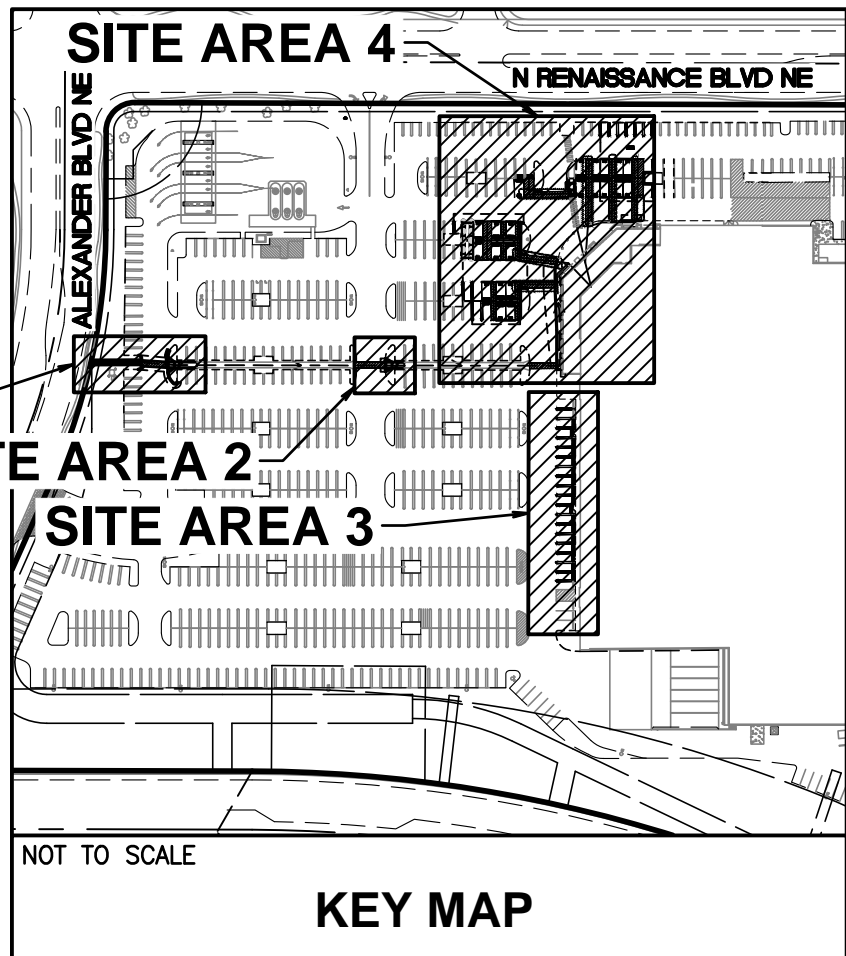
SCALE: 1" = 20'

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 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 POTHOLES THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLES 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.



KEY MAP

No.	Date	By	Code	Appr.	Revision
3	12/7/21	LRH	MESP	HFG	RESPONSE TO COMMENTS
2	8/23/21	LRH	MESP	HFG	LAND USE SUBMITTAL/ BID RELEASE
1	10/15/20	LRH	MESP	HFG	QA SUBMITTAL

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

Job Number
10896

Sheet
C3.0 of 10

For

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

Designed LRH
Drawn LRH
Checked MESP
Approved HFG
Date 10/14/20

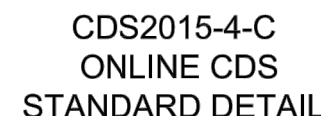
Title:
SITE AND HORIZONTAL CONTROL PLAN
1420 RENAISSANCE BLVD NE
ALBUQUERQUE, NM 87107
COSTCO WAREHOUSE #116

Costco WHOLESALE
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027



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

1420 RENAISSANCE BLVD NE
ALBUQUERQUE, NM 87107
COSTCO WAREHOUSE #116



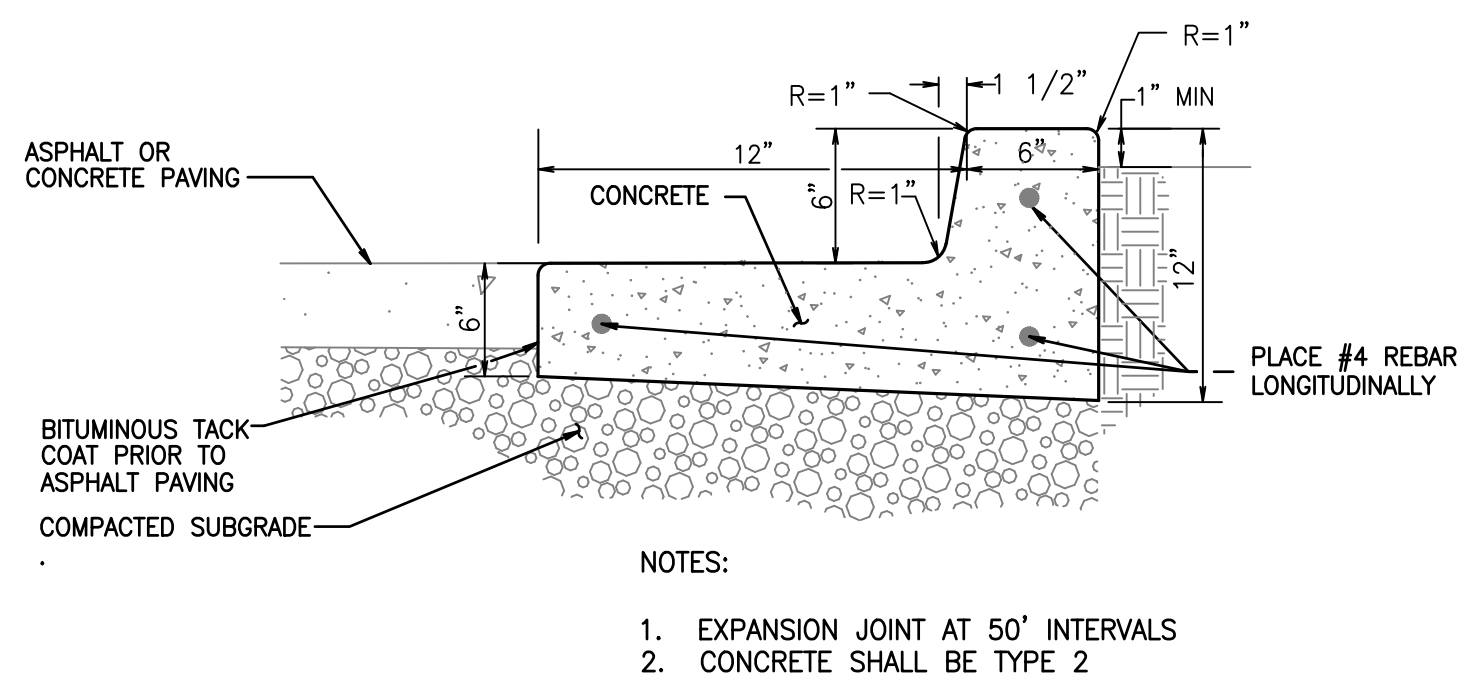
Removal Efficiency Adjustment ² =	6.5%
Predicted % Annual Rainfall Treated =	93.5%
Annual Load Removal Efficiency =	91.9%

NOT TO SCALE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLES THE UTILITIES AND SURVEY THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITIES LOCATED @ 811 AND THEN POTHOLES 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.

CONSTRUCTION DETAILS

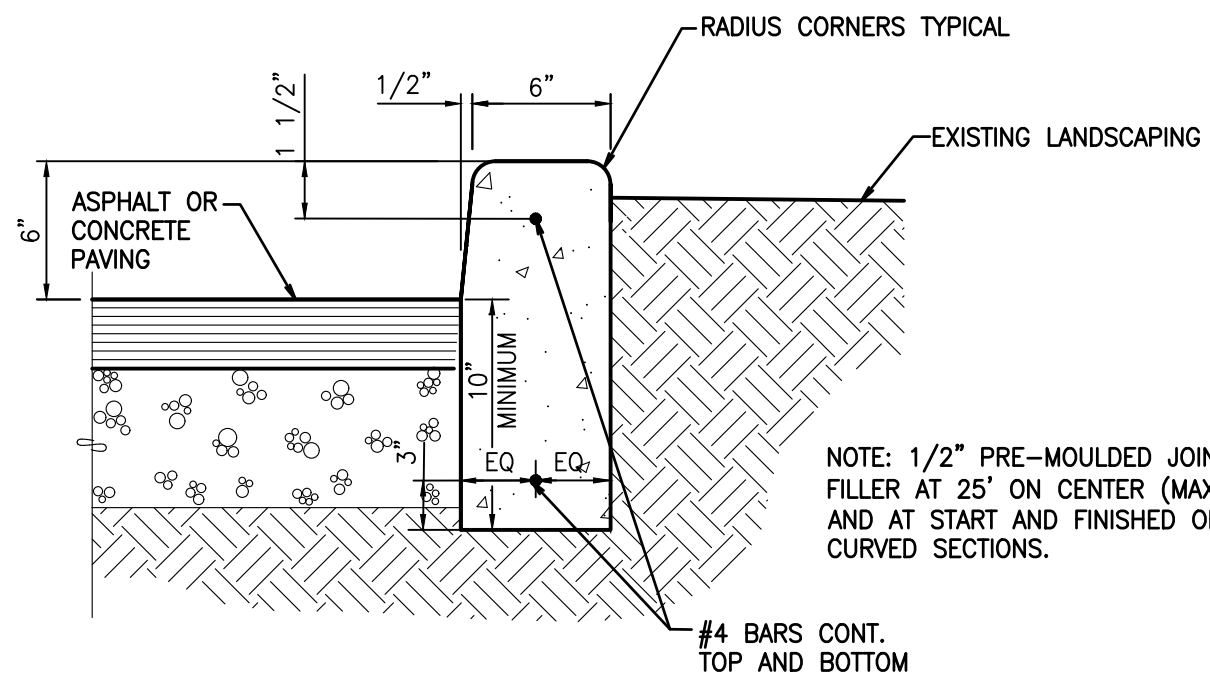
ADA SITE IMPROVEMENTS
1420 RENAISSANCE BLVD NE
ALBUQUERQUE, NM 87107
COSTCO WAREHOUSE #116



CEMENT CONCRETE CURB AND GUTTER

SCALE: NOT TO SCALE

NOTE: PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT PREPARED BY KLEINFELDER INC. DATED MARCH 23, 2016.

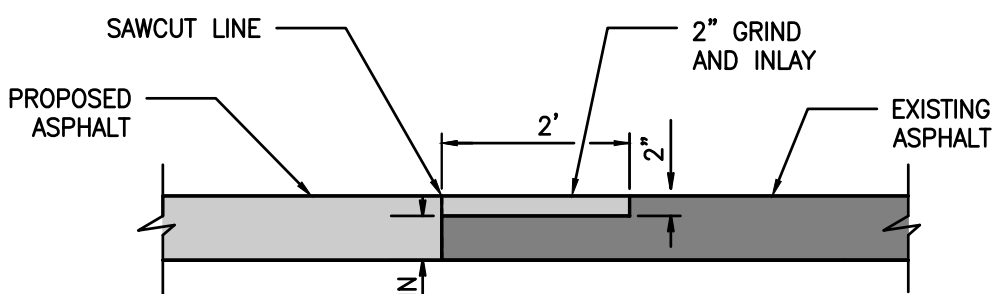


- NOTES:
1. PROVIDE WEAKENED PLAIN JOINT EVERY 10', EXPANSION JOINT EVERY 50' AND @ THE START AND FINISH OF ALL CURVED SECTIONS
 2. PAINT CURBS WHERE NOTED ON ARCH. SITE PLAN
 3. PREPARATION OF SUBGRADE SHALL BE PER COSTCO STANDARD SPECIFICATIONS PROCEDURES OR AS OUTLINED IN THE LATEST EDITION OF THE SOILS REPORT.
 4. CONCRETE SHALL BE TYPE II OR V AND SHALL BE 560-C-3250.

CEMENT CONCRETE BARRIER CURB

SCALE: NOT TO SCALE

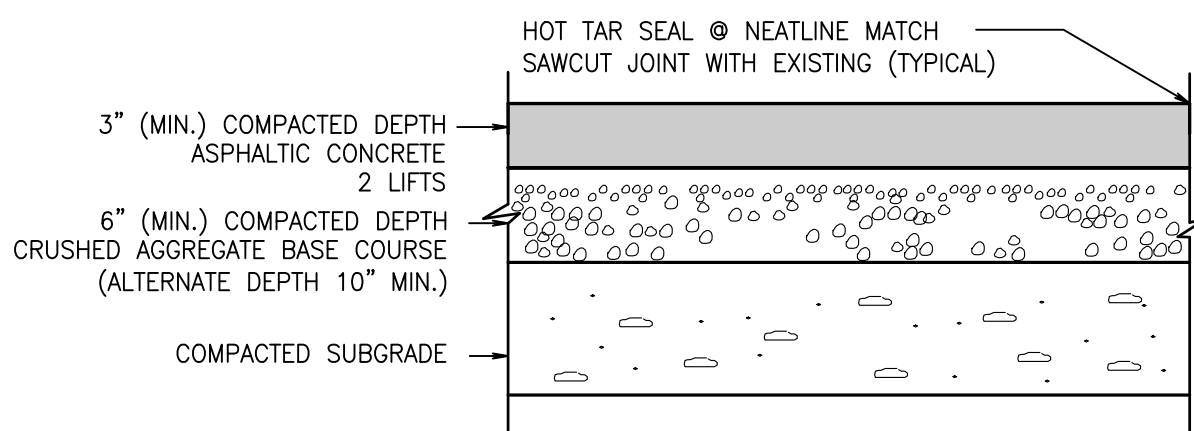
NOTE: PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT PREPARED BY KLEINFELDER INC. DATED MARCH 23, 2016.



- NOTES: 2)
1. 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.
 2. APPLY HOT RUBBER SEALANT COMPOUND ALONG JOINT PER ASTM D6690.

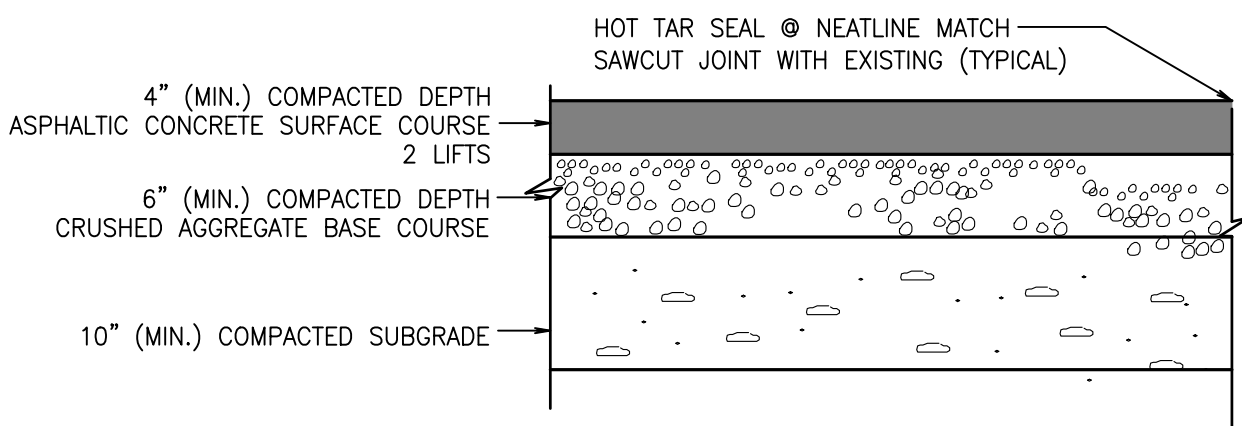
LAP JOINT

NOT TO SCALE



ASPHALT PAVEMENT SECTION (LIGHT)

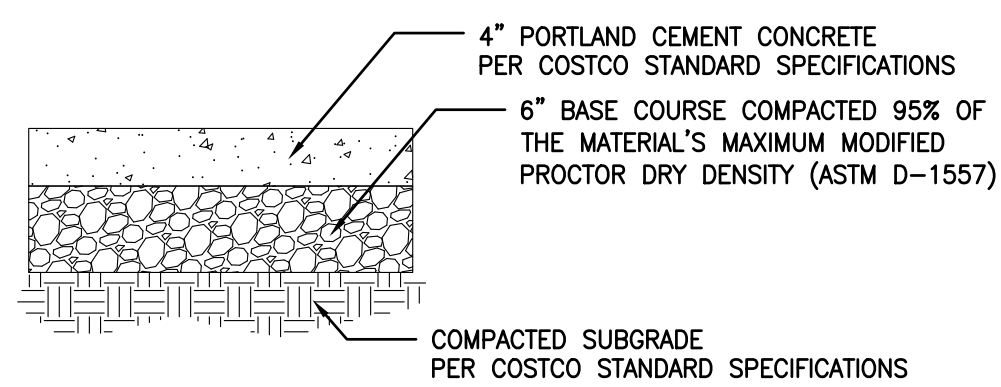
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- NOTES:
1. A.C. PAVEMENT SPECIFICATION SHALL BE APPROVED BY SOILS ENGINEER.
 2. PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT BY KEINFLIEDER, INC. DATED MARCH 23, 2016.
 3. CONTRACTOR SHALL INCLUDE A LUMP SUM FOR ASPHALT 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 COATS ASPHALT PICK-UP OR SUPPLY SURFACE. CONTRACTOR SHALL REMOVE EXISTING VEGETATION FROM ALL CRACKS, AND JOINT SAND BLAST OR AIR BLAST, APPLY WEEP KILLER AND HOT TAR SEAL PATCH AND REPAIR PAVEMENT FAILURES, ALL BEFORE APPLICATION OF SEAL COAT TO PREPARE THE ROAD IN AREAS OF NEW STRIPPING, PATCHES AND CONFORM WITH PROJECT MANUAL PRIOR TO PREP. AND APPLICATION.
 4. FOR BASE COURSE LIFTS OF 1.5" THICKNESS, DO NOT USE 3/4" NOMINAL MIX PER COSTCO STANDARD SPECIFICATIONS.

ASPHALT PAVEMENT SECTION (HEAVY

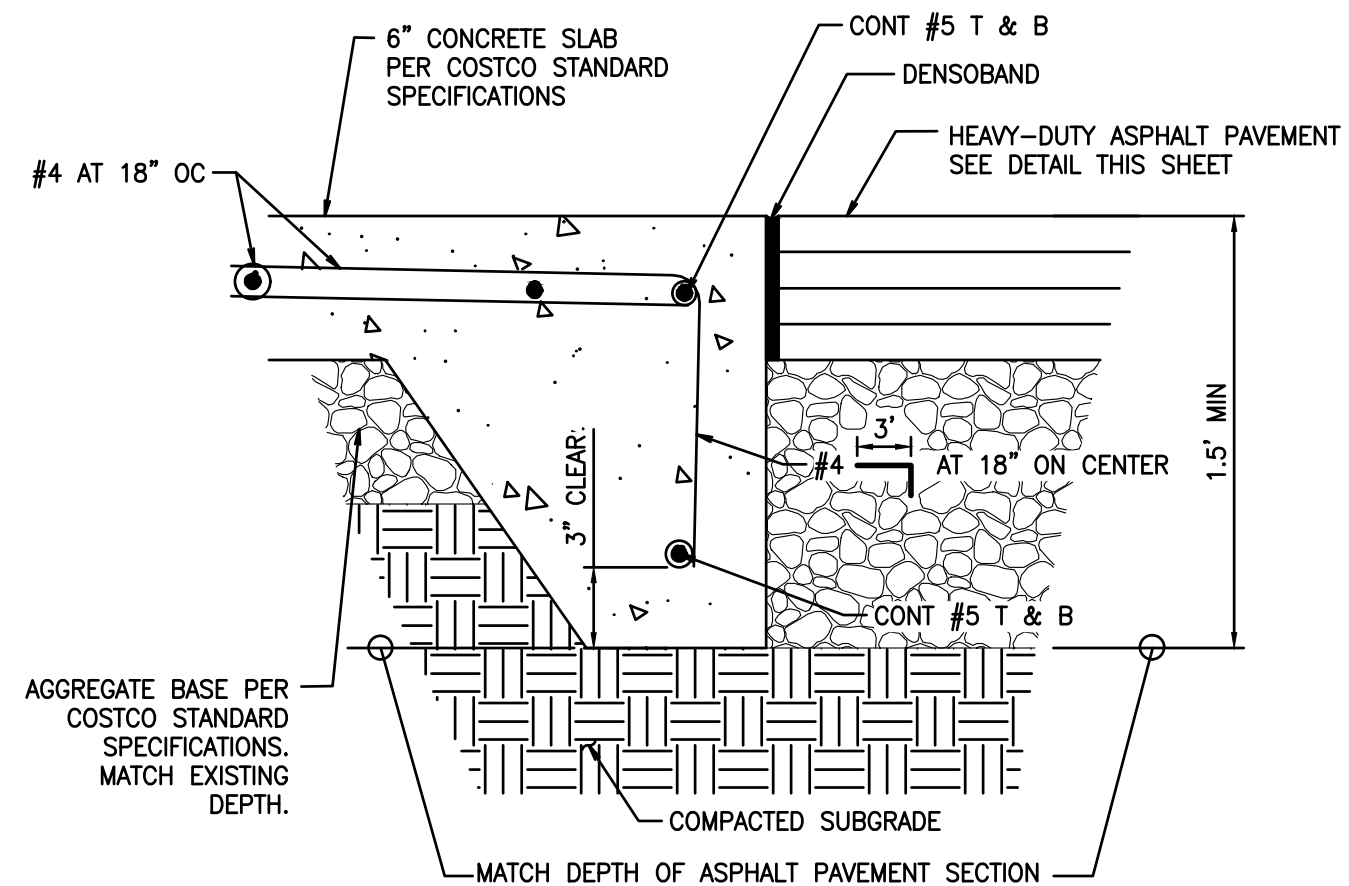
SCALE: NOT TO SCALE



CONCRETE SIDEWALK SECTION

NOT TO SCALE

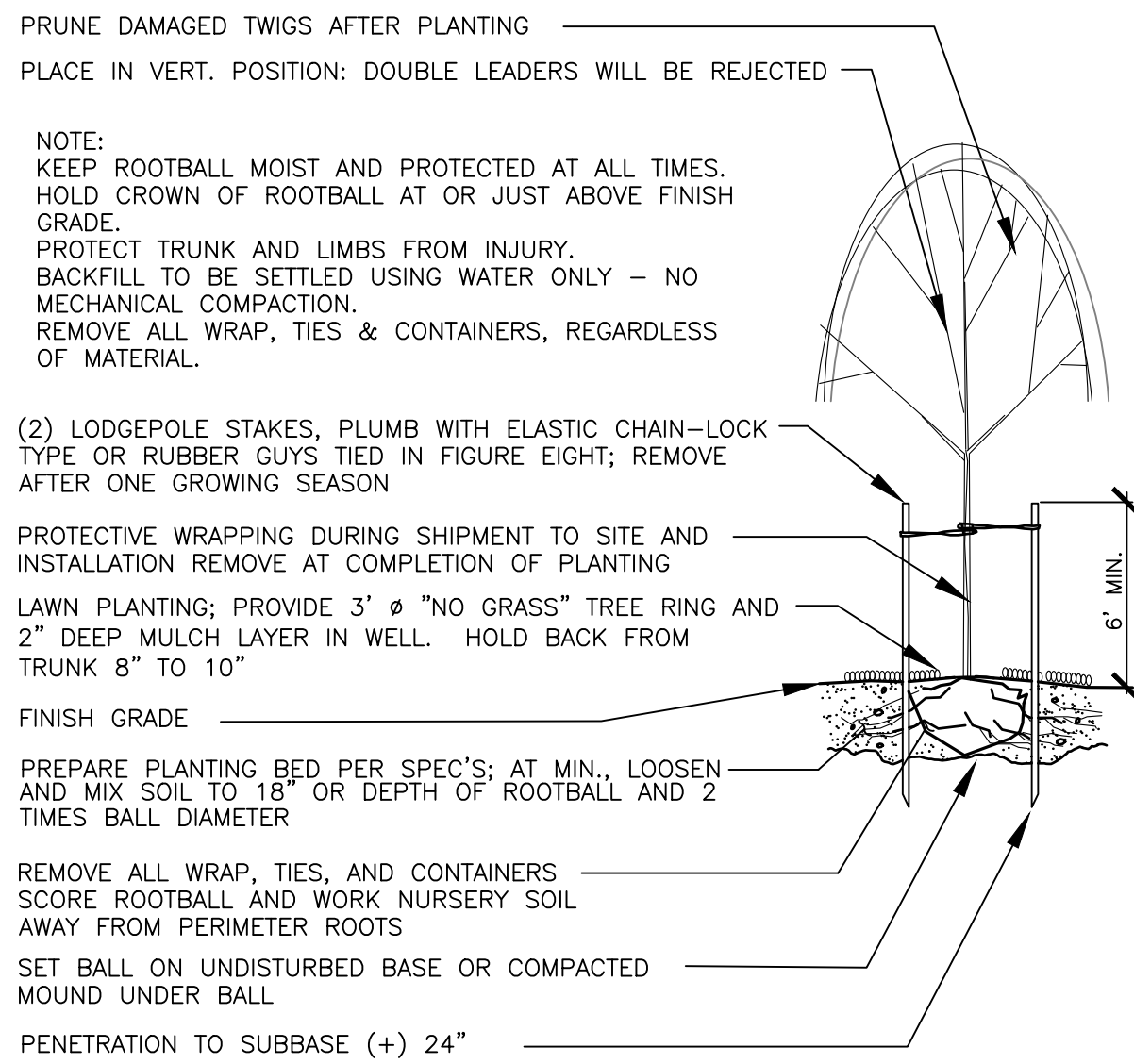
NOTE: PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT PREPARED BY KLEINFELDER INC. DATED MARCH 23, 2016.



FLUSH CURB REINFORCED CONCRETE SIDEWALK SECTION

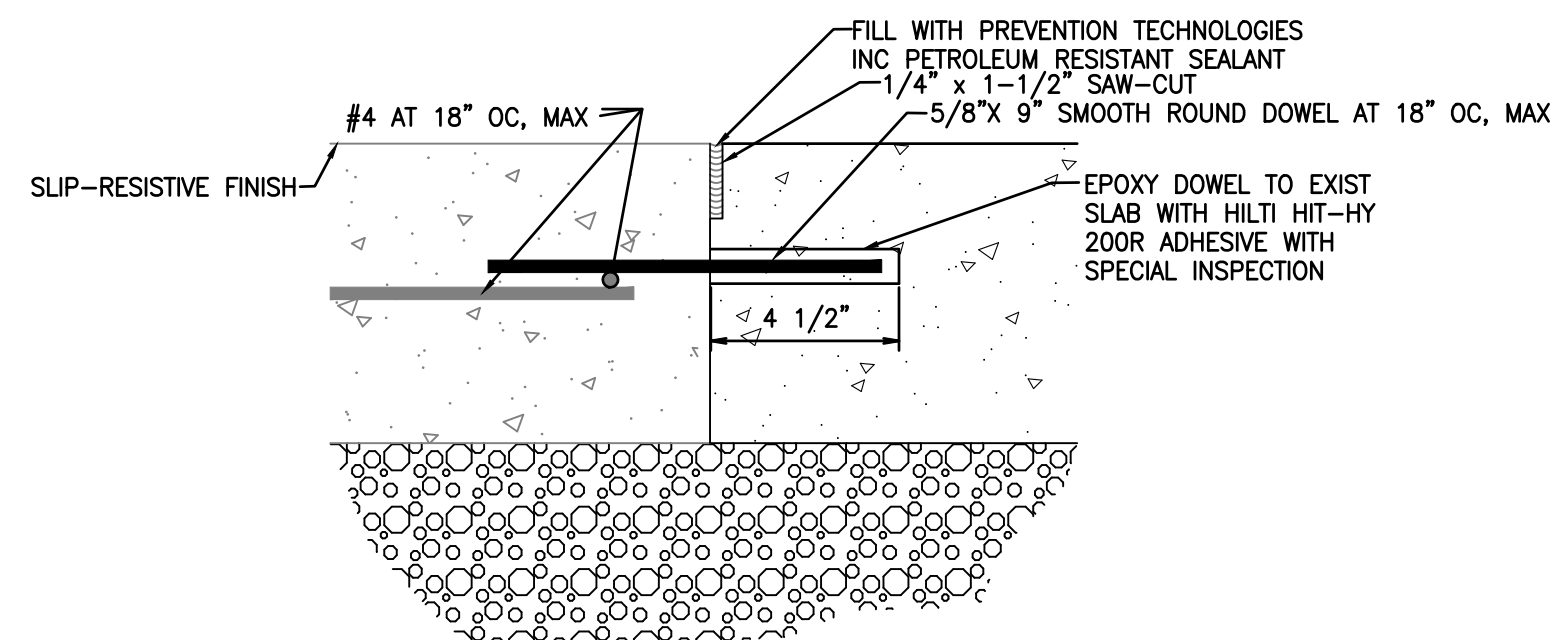
SCALE: NOT TO SCALE

NOTE: PREPARATION OF SUBGRADE SHALL BE PER PROCEDURES OUTLINED IN THE SOILS REPORT PREPARED BY KLEINFELDER, INC. DATED MARCH 23, 2016.



DECIDUOUS TREE PLANTING/STAKING DETAIL

NOT TO SCALE



CONSTRUCTION JOINT (CJ) NEW
TO EXISTING SLAB DETAIL

SCALE: 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 POTHOLES THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE # 811 AND THEN POTHOLES 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.

3	12/1/21	LRI	MESP	HPG	RESPONSE TO COMMENTS
2	8/31/21	LRI	MESP	HPG	LAND USE SUBMITTAL/ BID RELEASE
1	10/15/20	LRI	MESP	HPG	QA SUBMITTAL
No.	Date	By	Ckd.	Appr.	Revision

CONSTRUCTION DETAILS
420 RENAISSANCE BLVD NE
ALBUQUERQUE, NM 87107
COSTCO WAREHOUSE #116

Costco
WHOLESALE
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

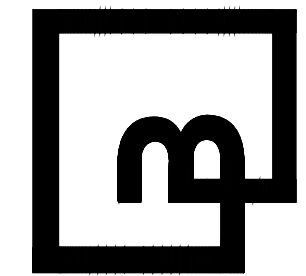
For:



Scale: Horizontal N/A Vertical N/A

Designed LRH
 Drawn LRH
 Checked MESP
 Approved HPG
 Date: 10/14/20

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



Job Number
10896

Sheet

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