

# CITY OF ALBUQUERQUE

*Planning Department*  
Alan Varela, Director



*Mayor Timothy M. Keller*

November 22, 2022

Matt Satches, P.E.  
Bohannon Huston, Inc.  
7500 Jefferson St NE  
Albuquerque, NM 87109

**RE: Blue Halo Expansion  
10800 Gibson Blvd SE  
Grading and Drainage Plans  
Engineer's Stamp Date: 10/14/22  
Hydrology File: M21D007A1**

Dear Mr. Satches:

PO Box 1293

Based upon the information provided in your submittal received 10/18/2022, the Grading & Drainage Plans are approved for Grading Permit and Paving Permit. Once the grading and paving of the project is complete, please provide an as-built for the City's records since there is no CO attached to the project.

Albuquerque

NM 87103

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, [jhughes@cabq.gov](mailto:jhughes@cabq.gov), 924-3420) 14 days prior to any earth disturbance.

[www.cabq.gov](http://www.cabq.gov)

If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

Renée C. Brissette, P.E. CFM  
Senior Engineer, Hydrology  
Planning Department



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

**Project Title:** \_\_\_\_\_ **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

**DRB#:** \_\_\_\_\_ **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_

**Legal Description:** \_\_\_\_\_

**City Address:** \_\_\_\_\_

**Applicant:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Owner:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**TYPE OF SUBMITTAL:** \_\_\_\_\_ PLAT (\_\_\_\_# OF LOTS) \_\_\_\_\_ RESIDENCE \_\_\_\_\_ DRB SITE \_\_\_\_\_ ADMIN SITE

**IS THIS A RESUBMITTAL?:** \_\_\_\_\_ Yes \_\_\_\_\_ No

**DEPARTMENT:** \_\_\_\_\_ TRAFFIC/ TRANSPORTATION \_\_\_\_\_ HYDROLOGY/ DRAINAGE

Check all that Apply:

### TYPE OF SUBMITTAL:

- \_\_\_\_\_ ENGINEER/ARCHITECT CERTIFICATION
- \_\_\_\_\_ PAD CERTIFICATION
- \_\_\_\_\_ CONCEPTUAL G & D PLAN
- \_\_\_\_\_ GRADING PLAN
- \_\_\_\_\_ DRAINAGE MASTER PLAN
- \_\_\_\_\_ DRAINAGE REPORT
- \_\_\_\_\_ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- \_\_\_\_\_ ELEVATION CERTIFICATE
- \_\_\_\_\_ CLOMR/LOMR
- \_\_\_\_\_ TRAFFIC CIRCULATION LAYOUT (TCL)
- \_\_\_\_\_ TRAFFIC IMPACT STUDY (TIS)
- \_\_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_
- \_\_\_\_\_ PRE-DESIGN MEETING?

### TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- \_\_\_\_\_ BUILDING PERMIT APPROVAL
- \_\_\_\_\_ CERTIFICATE OF OCCUPANCY
- \_\_\_\_\_ PRELIMINARY PLAT APPROVAL
- \_\_\_\_\_ SITE PLAN FOR SUB'D APPROVAL
- \_\_\_\_\_ SITE PLAN FOR BLDG. PERMIT APPROVAL
- \_\_\_\_\_ FINAL PLAT APPROVAL
- \_\_\_\_\_ SIA/ RELEASE OF FINANCIAL GUARANTEE
- \_\_\_\_\_ FOUNDATION PERMIT APPROVAL
- \_\_\_\_\_ GRADING PERMIT APPROVAL
- \_\_\_\_\_ SO-19 APPROVAL
- \_\_\_\_\_ PAVING PERMIT APPROVAL
- \_\_\_\_\_ GRADING/ PAD CERTIFICATION
- \_\_\_\_\_ WORK ORDER APPROVAL
- \_\_\_\_\_ CLOMR/LOMR
- \_\_\_\_\_ FLOODPLAIN DEVELOPMENT PERMIT
- \_\_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_

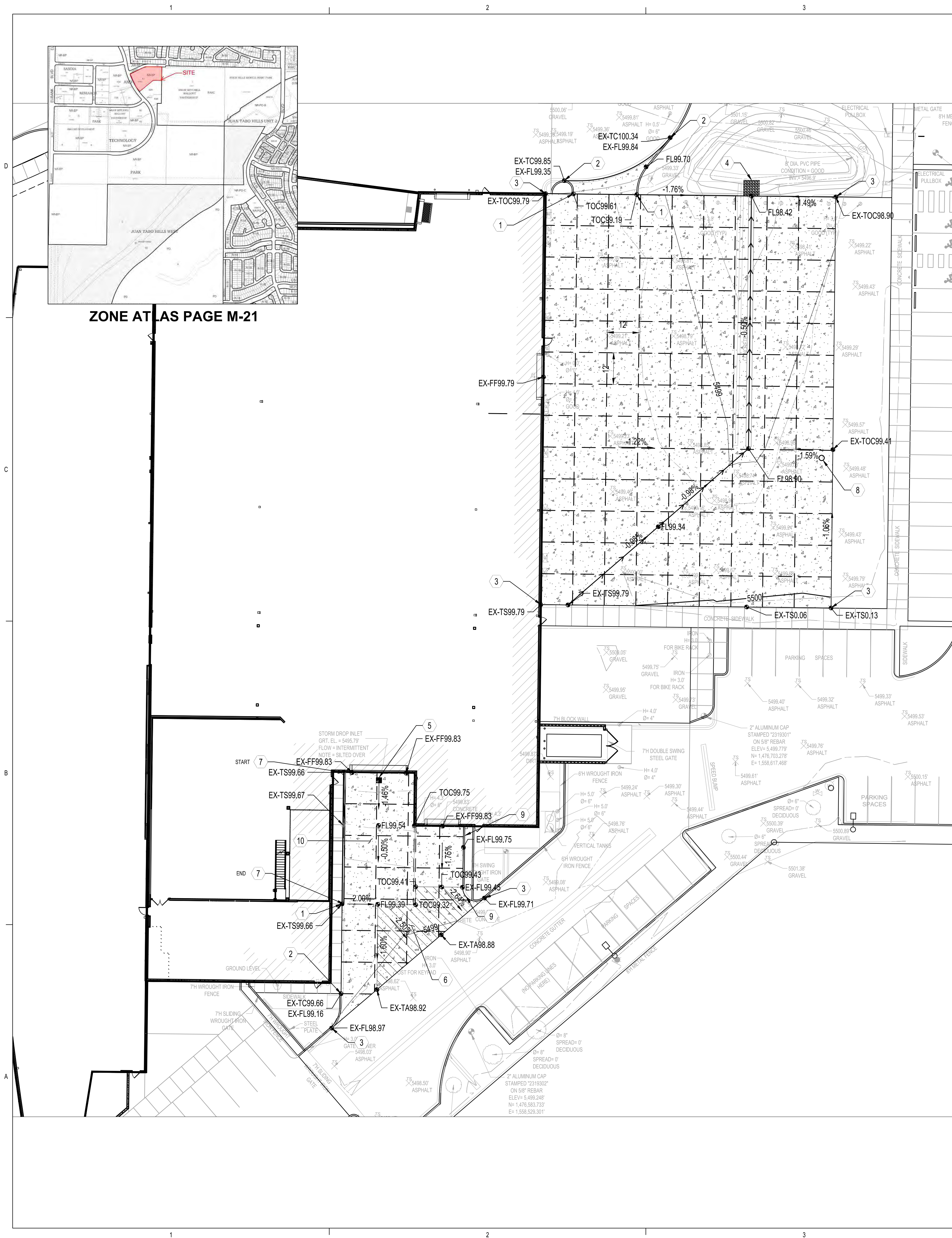
**DATE SUBMITTED:** \_\_\_\_\_ **By:** \_\_\_\_\_

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE PAID: \_\_\_\_\_





## DRAINAGE EXCERPT

THE PURPOSE OF THIS PROJECT IS TO REPLACE AN EXISTING ASPHALT LAY DOWN YARD WITH NEW CONCRETE PAVEMENT AND TO REMOVE AND REPLACE AN EXISTING CONCRETE LOADING DOCK. THE DRAINAGE SCHEME IS TO REMAIN UNCHANGED FROM THE PREVIOUSLY APPROVED GRADING AND DRAINAGE PLAN DATED 8/22/2017 (HYDROLOGY FILE # M210007A1). AN EXISTING STORM WATER QUALITY POND WAS CONSTRUCTED AS PART OF THIS PROJECT AND WILL REMAIN AS SUCH. ADDITIONAL STORM WATER QUALITY PONDING IS NOT REQUIRED.

THE NEW PAVEMENT DOES NOT CHANGE THE SCHEME OF THE EXISTING SITE. GIVEN THE ABOVE INFORMATION AND WITH THIS SUBMITTAL WE ARE REQUESTING COA HYDROLOGY PAVING PERMIT APPROVAL.

## GRADING KEYED NOTES












1. BEGIN TRANSITION FROM FLUSH CURB CONDITION TO FULL HEIGHT CURB.
2. END TRANSITION FROM FLUSH CURB CONDITION TO FULL HEIGHT CURB.
3. MATCH EXISTING ELEVATION.
4. INSTALL RIPRAP PAD PER DETAIL 2, SHEET C101.
5. REMOVE AND DISPOSE OF EXISTING STORM DRAIN INLET AND STORM DRAIN INFRASTRUCTURE FROM OLD LOADING DOCK. CAP STORM DRAIN AT MAIN LINE IN DRIVE AISLE.
6. INSTALL 4" YELLOW STRIPING PAINTED AT 2' ON CENTER.
7. PAINT CURB YELLOW.
8. INSTALL STANTION POST. REFERENCE ELECTRICAL PLANS.
9. EXISTING CURB TO REMAIN.
10. EXISTING LOADING DOCK CONCRETE TO BE REMOVED AND DISPOSED. AREA WILL REQUIRE ENGINEERED FILL TO BRING UP TO PROPOSED GRADE. SEE EARTHWORK SPECIFICATION FOR FILL INFORMATION.

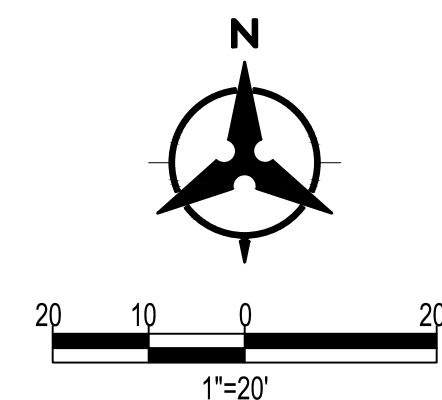
**NOTE**

- JOINTING LAYOUT SHOWN ON THIS PLAN IS SCHEMATIC. DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL SUBMIT A JOINTING PLAN FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF CONCRETE PAVEMENT. JOINTING PLAN NEEDS TO INCLUDE EXPANSION JOINT, COLD JOINT, & CONTROL JOINT LOCATIONS.
- ALL JOINTS SHALL FOLLOW THE DETAILS PER SHEET C101 AND SHALL BE INCLUDED ON THE SUBMITTED JOINTING PLAN.



## LEGEND

- |   |       |  |   |
|---|-------|--|---|
|  | 95.40 |  | PROPOSED SPOT ELEVATION<br>TC=TOP OF CURB<br>FL=FLOW LINE<br>TOC=TOP OF CONCRETE<br>TS=TOP OF SIDEWALK<br>TG=TOP OF GRATE<br>FG=FINISHED GRADE<br>FGH=FINISHED GRADE HIGH<br>FGL=FINISHED GRADE LOW<br>INV=INVERT |
|  | 4960  |  | EXISTING INDEX CONTOUR  |
|  | 4959  |  | EXISTING INTERMEDIATE CONTOUR   |
|  |       |  | DIRECTION OF FLOW   |
|  |       |  | WATER BLOCK/GRADE BREAK   |
|  |       |  | PROPOSED STORM DRAIN MANHOLE  |
|  |       |  | PROPOSED STORM DRAIN INLETS   |
|  |       |  | PROPOSED STORM DRAIN CAP  |
|  |       |  | INSTALL CONCRETE PAVEMENT PER SECTION 1,<br>SHEET C101  |
|  |       |  | INSTALL STRIPING PER KEYED NOTE 6, THIS<br>SHEET  |
|  |       |  | SAWCUT CONTROL JOINT  |



## GRADING NOTES

- A. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- B. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST, AND INCLUDED IN THE GMP.
- C. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- D. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- E. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
- F. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE INSPECTOR. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- G. PAVING AND ROADWAY GRADES SHALL BE  $\pm 0.1'$  FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE  $\pm 0.05'$  FROM BUILDING PLAN ELEVATION.
- H. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.
- I. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.
- J. THE CONTRACTOR SHALL PROVIDE AS-BUILTS SURVEY DATA TO ENSURE COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE SURVEY SHALL BE PERFORMED BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF NEW MEXICO. THE AS-BUILT DRAWING SHALL BE CERTIFIED BY THE SURVEYOR OF RECORD.

## GENERAL NOTES

- A. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT, WHERE APPLICABLE, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS SHALL APPLY.
- B. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- C. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- D. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- E. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- F. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- G. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- H. 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.
- I. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- J. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- K. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE BERNALILLO COUNTY, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- L. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- M. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- N. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.
- O. THE CONTRACTOR SHALL PROVIDE 1 HARD COPY AND 1 ELECTRONIC COPY OF THE EPA STORM WATER POLLUTION PREVENTION PLAN ALONG WITH THE APPROPRIATE SUBMITTAL FEE TO CITY OF ALBUQUERQUE TWO WEEKS PRIOR TO THE START OF SITE DISTURBANCE.

**DEKKER  
PERICH  
SABATINI**

ARCHITECTURE  
DESIGN  
INSPIRATION

ARCHITECT

ENGINEER



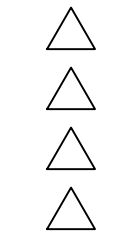
PROJECT

# BLUEHALO @ SS&TP HIGHBAY REMODEL

10800 Gibson Blvd SE  
ALBUQUERQUE, NM 87123

ISSUED FOR  
PERMIT

REVISIONS



DRAWN BY NP

REVIEWED BY MS

DATE 10/07/2022

PROJECT NO.	20-0023
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DRAWING NAME

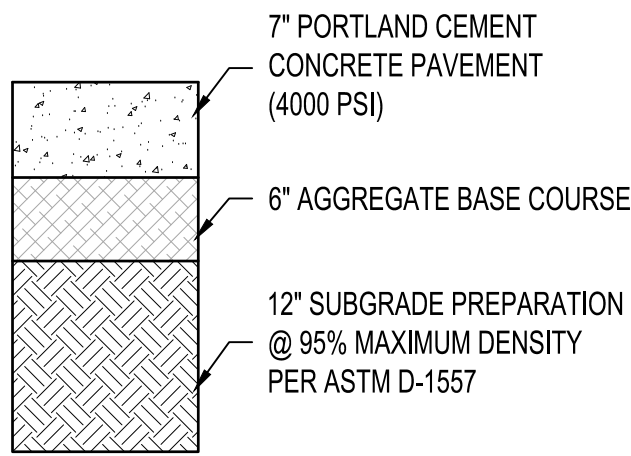
## GRADING PLAN

SHEET NO.

C-100

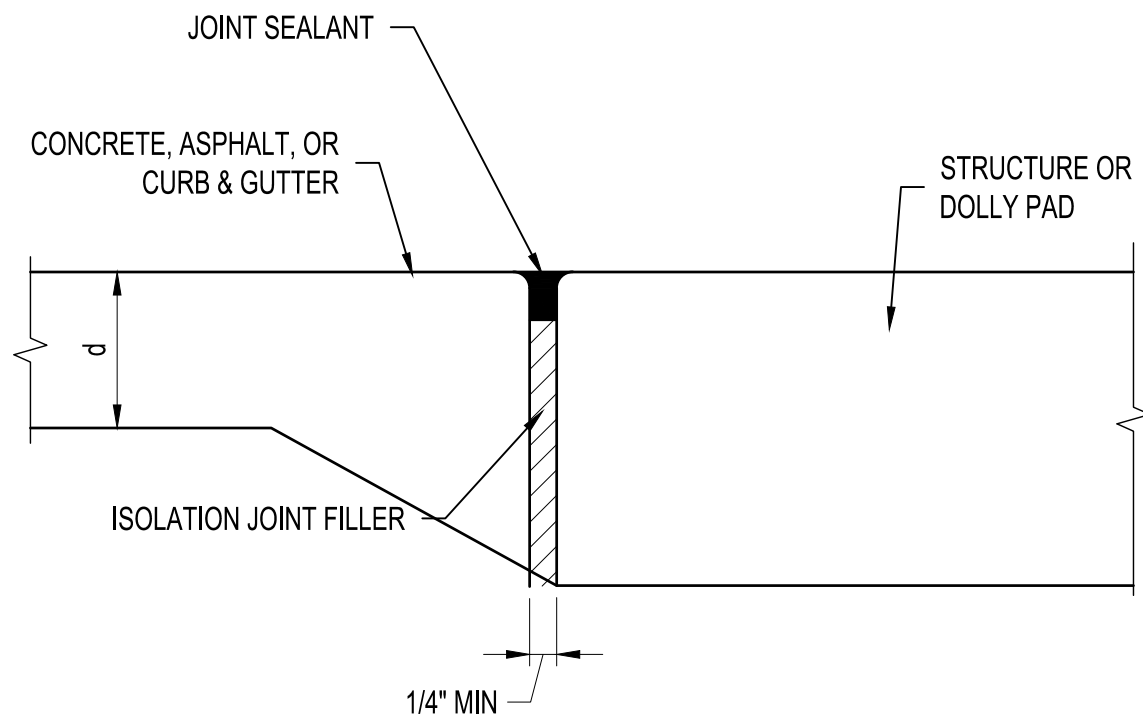
OF





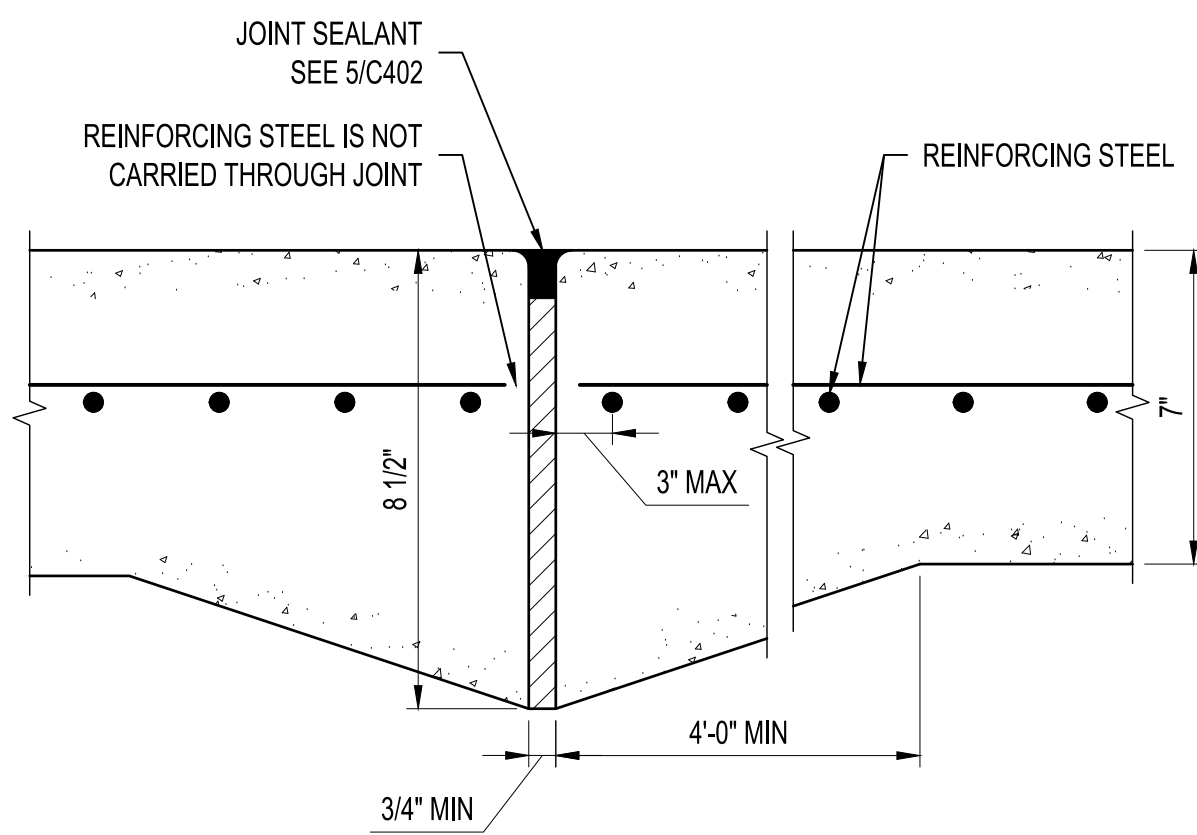
1 CONCRETE PAVEMENT SECTION

NTS



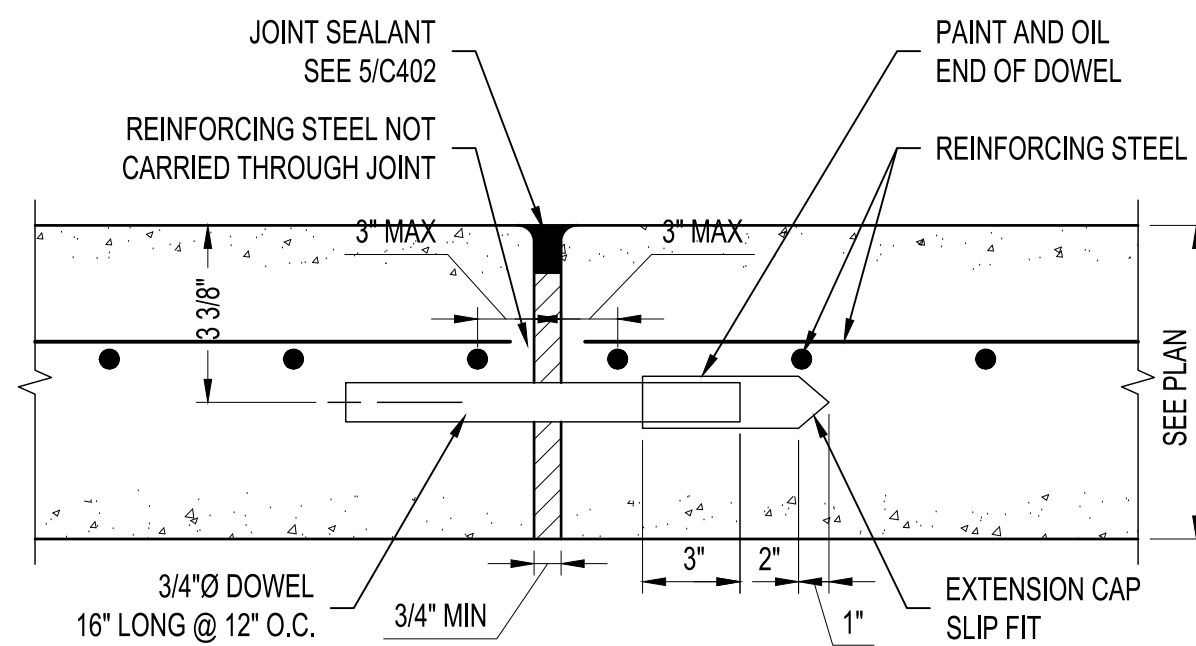
3 ISOLATION JOINT

NTS



5 THICKENED EDGE EXPANSION JOINT

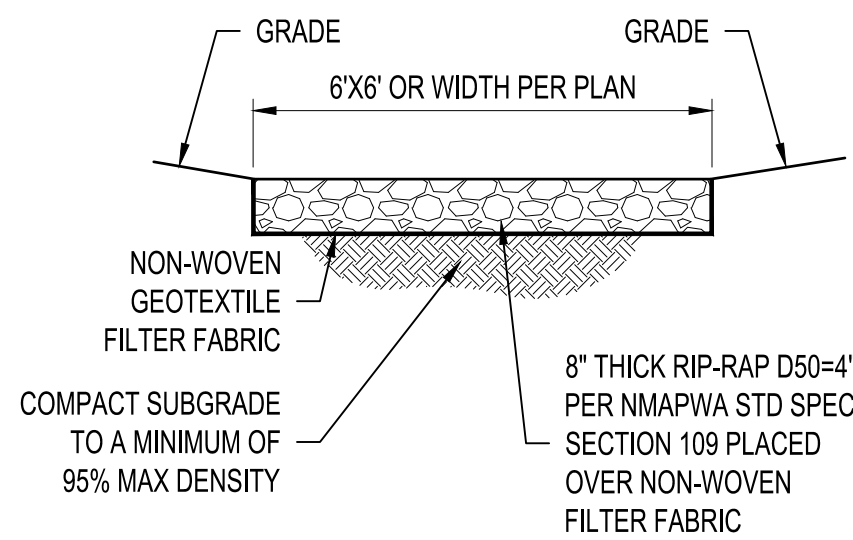
NTS



NOTE: EITHER ONE PIECE OR THREADED SPLIT PIPE MAY BE USED

8 DOWELED CONSTRUCTION JOINT

NTS

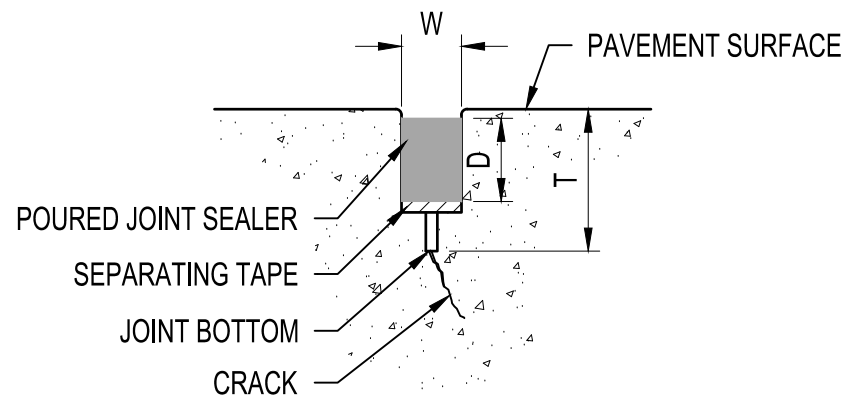


2 RIP-RAP PAD

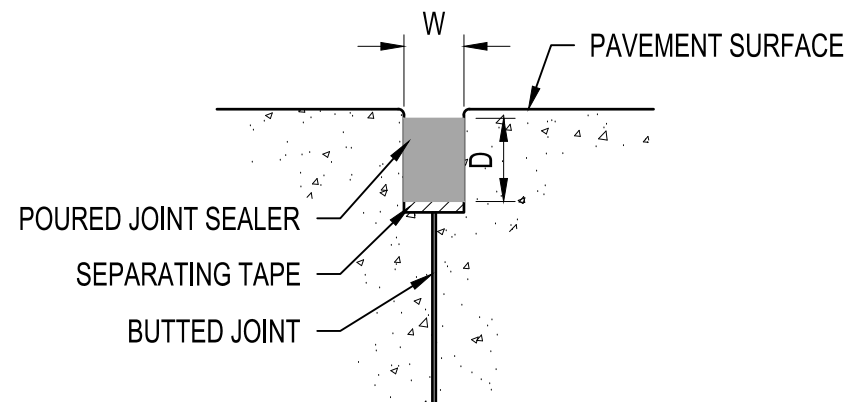
JOINT SPACING FT.	NTS WIDTH (W)	
	MIN	MAX
<25	1/2"	5/8"
25-50	3/4"	7/8"
>50	1"	1 1/8"

W = WIDTH OF SEALANT RESERVOIR (SEE TABLE)  
D = DEPTH OF SEALANT (1 TO 1.5 x W)  
T = DEPTH OF INITIAL SAWCUT OR INSERT TYPE JOINT FORMER (CONTRACTION JOINT)  
a. 1/4 SLAB THICKNESS FOR PAVEMENTS <12" THICK  
b. 3" FOR PAVEMENTS 12"-18" THICK  
c. 1/6 SLAB THICKNESS FOR PAVEMENTS >18" THICK

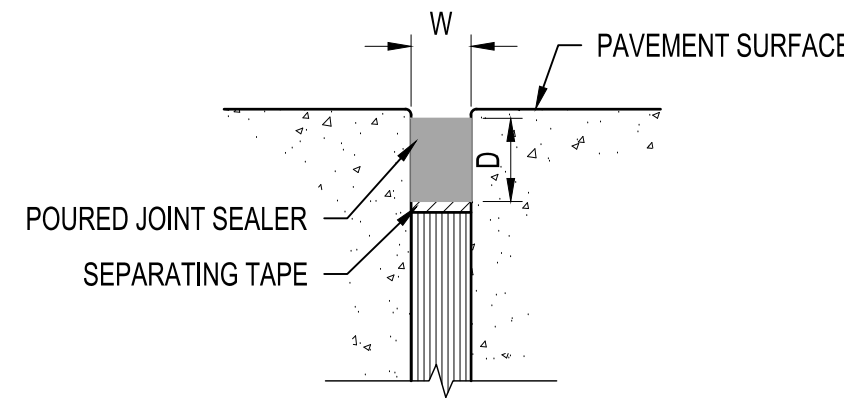
NOTE: TOP OF SEALANT SHALL BE 1/8" TO 1/4" BELOW TOP OF PAVEMENT



CONTRACTION JOINT



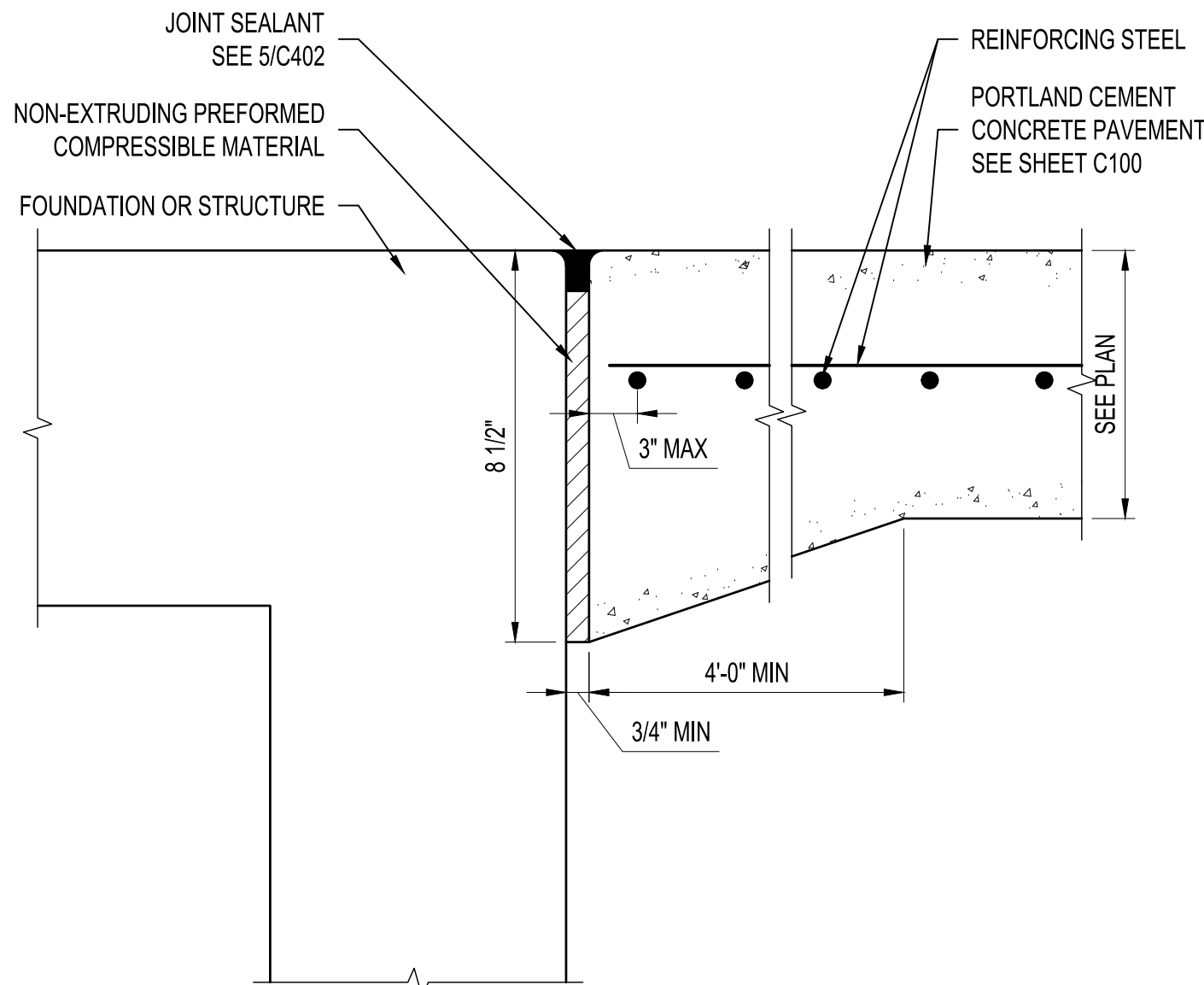
CONSTRUCTION JOINT



EXPANSION JOINT

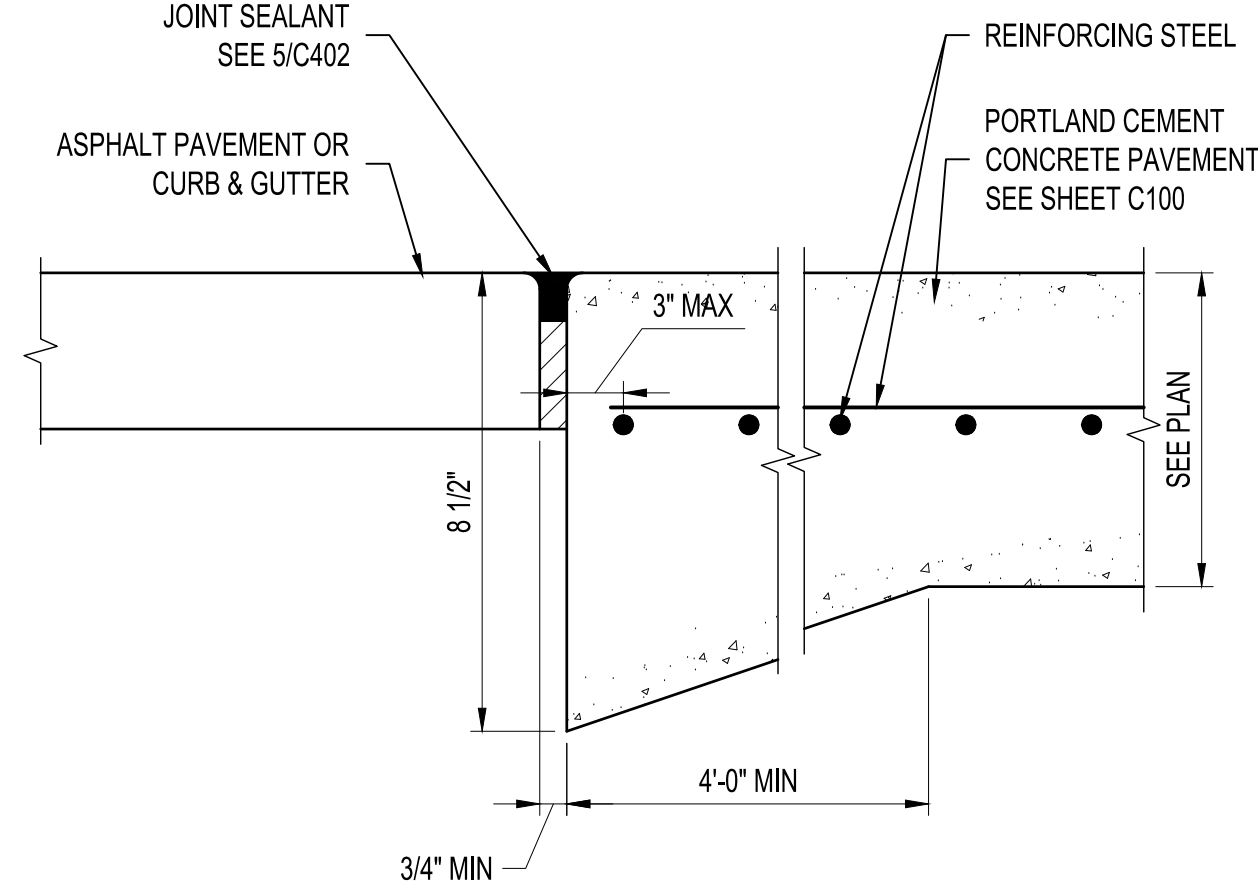
4 JOINT SEALING

NTS



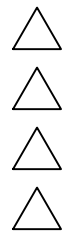
6 THICKENED EDGE ISOLATION JOINT @ STRUCTURE

NTS



7 THICKENED EDGE ISOLATION JOINT

NTS



DRAWN BY	NP
REVIEWED BY	MS
DATE	10/07/2022
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DRAWING NAME	