

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

December 7, 2022

Scott McGee, P.E.
9700 Sand Verbena Trail NE
Albuquerque, NM 87122

RE: JB Henderson Facility
10200 Trumbull Ave SE
Permanent C.O. - Accepted
Engineer's Certification Date: 11/08/22
Engineer's Stamp Date: 02/10/21
Hydrology File: L20D075

Dear Mr. McGee:

PO Box 1293

Based on the Certification received 11/21/2022 and site visit on 12/06/22, this certification is approved in support of Permanent Release of Occupancy by Hydrology.

Albuquerque

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

NM 87103

www.cabq.gov

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 10/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF DEVELOPMENT: _____ 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:

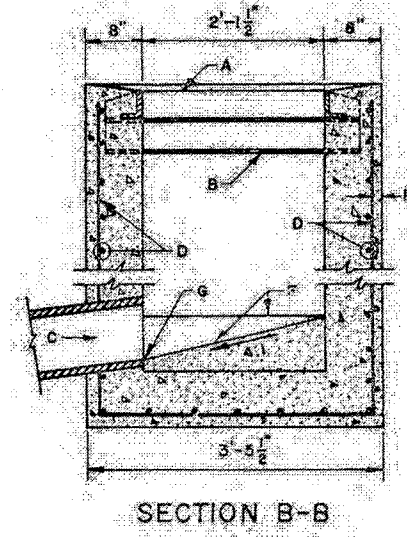
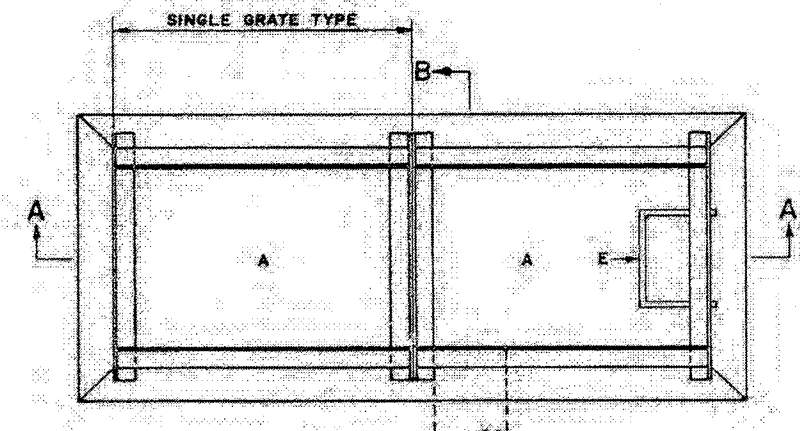
- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING 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: _____



GENERAL NOTES:

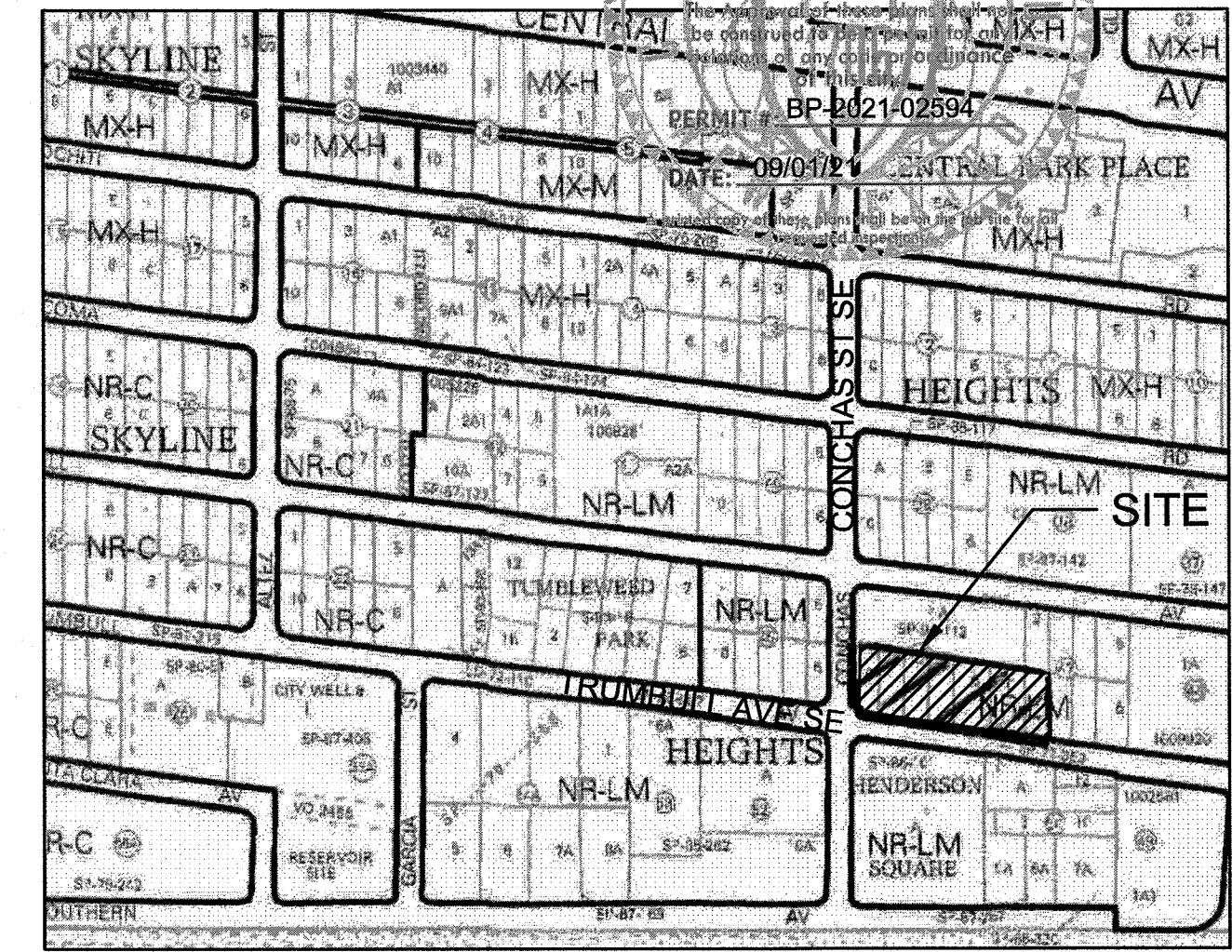
1. FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
2. STORM INLET GUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
3. OUTLET PIPE SIZE, PER DESIGN REQUIREMENT.
4. FOR FRAME & GRATING, SEE DWG 2216, 2220 & 2221.
5. FOR CENTER SUPPORT ASSEMBLY, SEE DWG 2215.

CONSTRUCTION NOTES:

- A. FRAME & GRATE
- B. CENTER SUPPORT ASSEMBLY
- C. CUT ONE HORIZONTAL AND ONE VERTICAL BAR MAX. AT PIPE OPENING.
- D. NO. 4 BARS A 6" O.C. EACH WAY
- E. USE STANDARD STEPS, SEE DWG 2229.
- F. CONC. FILL, SEE NOTE C DWG 2201.
- G. INVERT PER DESIGN.
- H. INSTALL STEPS ON DOWNSTREAM FACE.

SO - 19

1. BUILD SIDEWALK CULVERT PER COA STD DWG 2236.
2. CONTACT STORM DRAIN MAINTENANCE AT (505) 857-8033 TO SCHEDULE A MEETING PRIOR TO FORMING.
3. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
4. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
5. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, DIAL "811" [OR (505) 260-1990] FOR THE LOCATION OF EXISTING UTILITIES.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
7. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
8. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
9. WORK ON ARTERIAL STREETS MAY BE REQUIRED ON A 24-HOUR BASIS.
10. CONTRACTOR MUST CONTACT STORM DRAIN MAINTENANCE AT (505) 857-8033 TO SCHEDULE A CONSTRUCTION INSPECTION. FOR EXCAVATING AND BARRICADING INSPECTIONS, CONTACT CONSTRUCTION COORDINATION AT (505) 924-3416.



VICINITY MAP

L-20-Z

LEGEND

- EXISTING CONSTRUCTION
- NEW CONTOUR
- FF=5462.90 PROPOSED BUILDING FINISH FLOOR ELEV
- NEW SPOT ELEVATION
- NEW CONSTRUCTION
- RD ROOF DRAIN
- TC TOP OF CURB
- X 61.8 A5-BUILT ELEVATION

DRAINAGE ANALYSIS

ADDRESS: 10200 Trumbull Avenue SE

LEGAL DESCRIPTION: LOTS 6-10, BLOCK 46 AND LOTS 9-10, BLOCK 47 & VACATED ESPEJO STREET, SKYLINE HEIGHTS ADDITION

SITE AREA: 53,811 SF (1.235 acre)

BENCHMARK: City of Albuquerque Station '5-K20' being a brass cap with ELEV= 5429.995 (NAVD 1988)

SURVEYOR: Harris Surveying Inc. dated April, 2020

PRECIPITATION ZONE: 3

FLOOD HAZARD: From FEMA Map 35001C0358H (8/16/12), this site is identified as being within Zone 'X' which is determined to be outside the 0.2% annual chance floodplain.

OFFSITE FLOW: There is no offsite flow that enters this site.

EXISTING CONDITIONS: The site is an existing paved and gravel parking area with no landscaping. The site is fairly flat but slopes down to the west at 1.5% with discharge to Conchas Street SE.

PROPOSED IMPROVEMENTS: The proposed 15,080 SF commercial building will be a welding shop with paved parking. The building roof will drain to the paved area on the north side of the building and the landscape area to the south. Runoff will be carried as surface flow to the onsite retention pond proposed at the west end of the site.

DRAINAGE APPROACH: The site drainage pattern will follow historic conditions with the incorporation of an onsite retention pond for the SWQ volume.

Existing land treatment: 62% C and 38% D Precipitation Zone: 3
 $Q = [(0.62)(3.14) + (0.38)(4.70)](1.235) = 4.6$ CFS

Proposed land treatment: 18% C and 82% D
 $Q = [(0.18)(3.14) + (0.82)(4.70)](1.235) = 5.5$ CFS

SWQ V= (44,250)(0.42/12) = 1,549 CF

The proposed onsite retention storage area will provide V= 1,600 CF.
(1,600 > 1,549 -- OK)

STORM INLET DOUBLE 'D' DETAILS

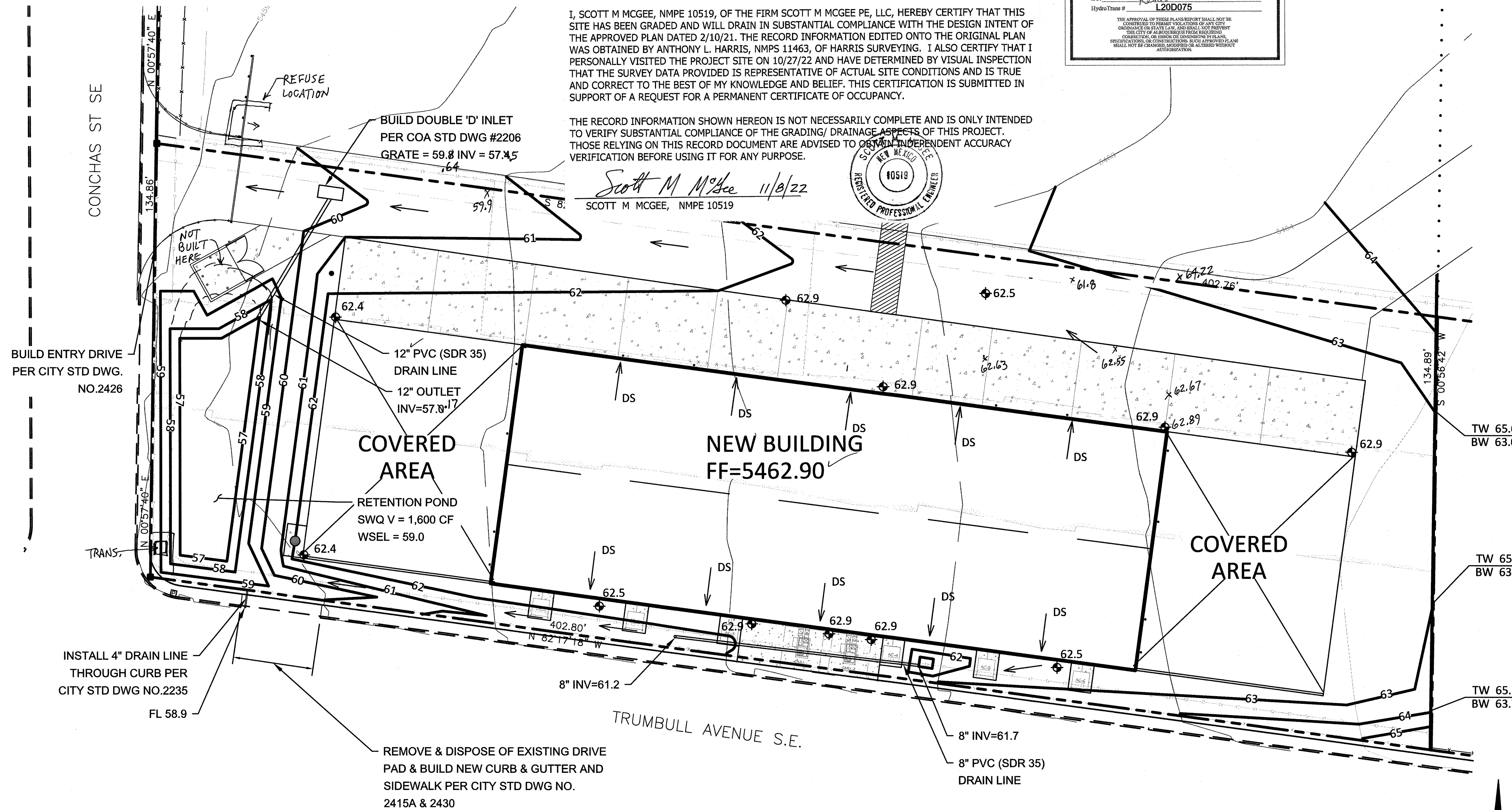
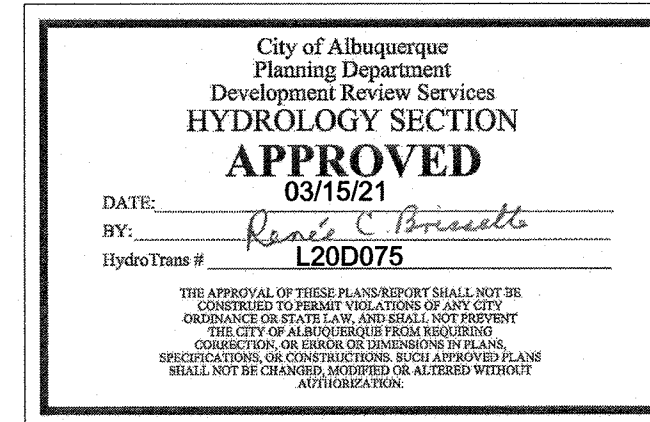
N.T.S.

DRAINAGE CERTIFICATION

I, SCOTT M MCGEE, NMPE 10519, OF THE FIRM SCOTT M MCGEE PE, LLC, HEREBY CERTIFY THAT THIS SITE HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 2/10/21. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL PLAN WAS OBTAINED BY ANTHONY L. HARRIS, NMPS 11463, OF HARRIS SURVEYING. I ALSO CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE ON 10/27/22 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A PERMANENT CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION SHOWN HEREON IS NOT NECESSARILY COMPLETE AND IS ONLY INTENDED TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING/ DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT ACCURACY VERIFICATION BEFORE USING IT FOR ANY PURPOSE.

Scott M McGee 11/8/22
SCOTT M MCGEE, NMPE 10519



GRADING AND DRAINAGE PLAN

1" = 20'

0 20' 40'

CARBON STEEL/COPPER & STAINLESS STEEL
FABRICATION FACILITY
JB HENDERSON CONSTRUCTION
TRUMBULL AVENUE & CONCHAS STREET, SE
ALBUQUERQUE, NEW MEXICO 87123

Aragon & Associates
ARCHITECTS LLC
6913 SHOSHONE RD. NE
ALBUQUERQUE, NEW MEXICO 87110
505-843-9263
CWM & WOODS ARCHITECTS
1222 LUISA STREET SANTA FE, NEW MEXICO 87505
505-838-8848

SHEET NAME & NO.
GRADING &
DRAINAGE
PLAN

C-101