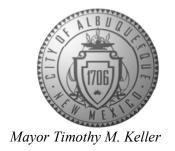
## CITY OF ALBUQUERQUE

Planning Department Brennon Williams, Director



October 26, 2020

J. Graeme Means, P.E. High Mesa Consulting Group 6010 B Midway Park Blvd NE Albuquerque, NM 87109

RE: UNM Lands West Phase 1 Improvements Revised Grading and Drainage Plan Engineer's Stamp Date: 09/18/20

Hydrology File: J15D027A

Dear Mr. Means:

Albuquerque

NM 87103

Based upon the information provided in your submittal received 10/19/2020, the Revised Grading and Drainage Plan is approved for Paving Permit and SO-19 Permit.

PO Box 1293 Grading and Drainage Plan is approved for Paving Permit and SO-19 Permit.

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, 924-3420) 14 days prior to

any earth disturbance.

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

www.cabq.gov Sincerely,

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

Renée C. Brissette

Planning Department



## City of Albuquerque

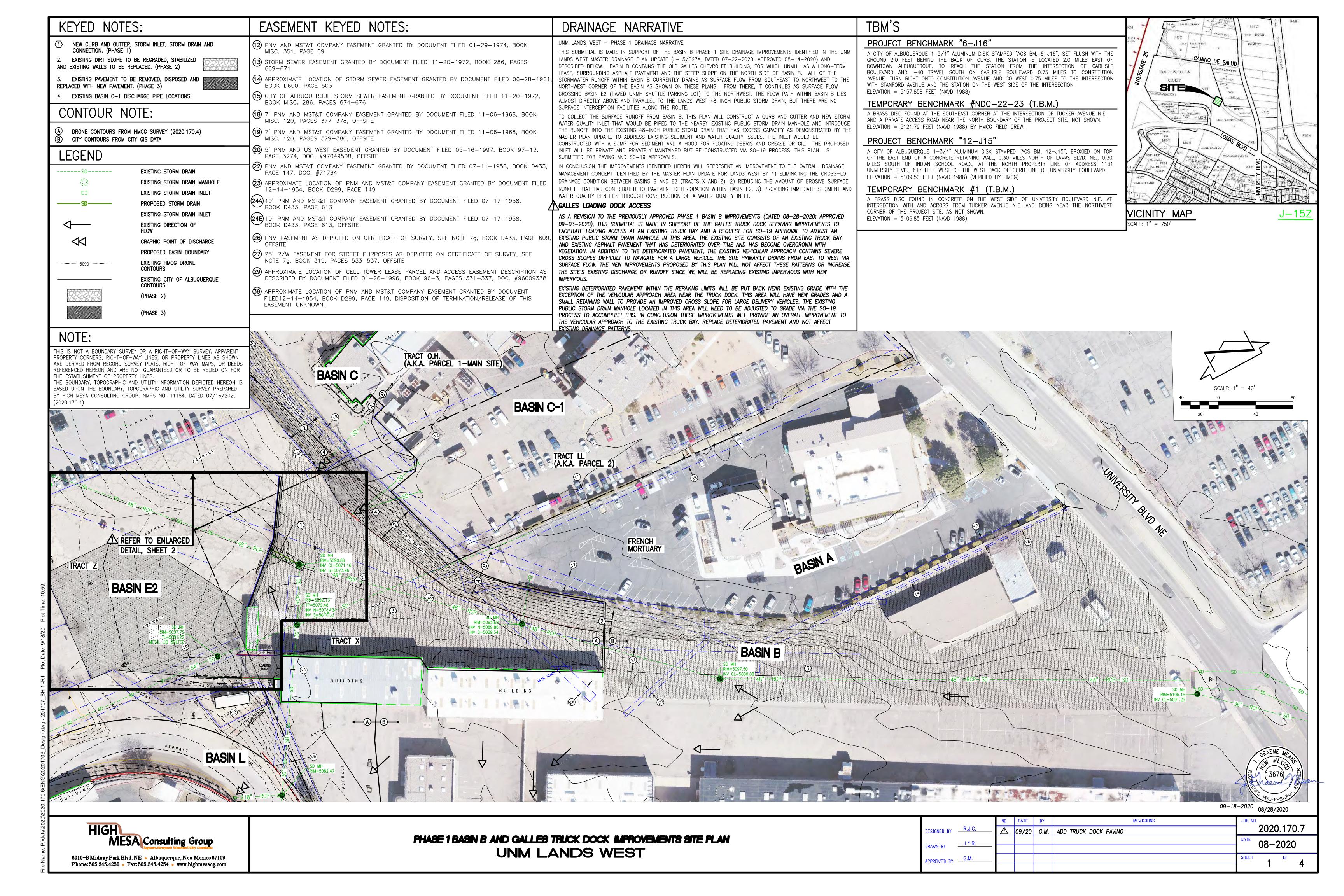
#### Planning Department

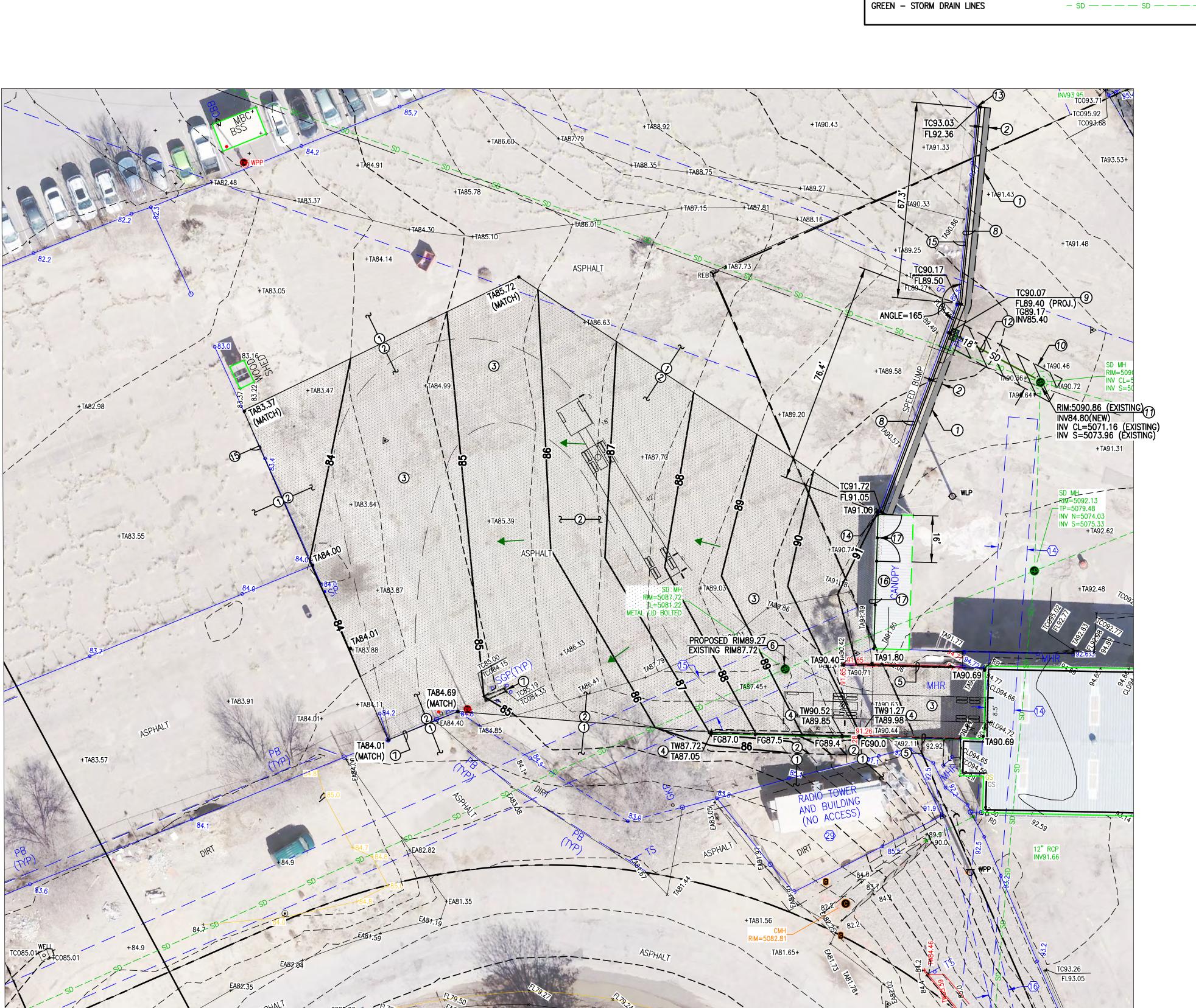
#### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

		ermit #: Hydrology File #:	
		Work Order#:	
Legal Description:			
City Address:			
Applicant:		Contact:	
Address:			
		E-mail:	
Other Contact:		Contact:	
Address:			
		E-mail:	
TYPE OF DEVELOPMENT:	PLAT (# of lots)	RESIDENCE DRB SITE ADMIN SITE	
IS THIS A RESUBMITTAL?	Yes No		
DEPARTMENT TRANSPORTAT	IONHY	DROLOGY/DRAINAGE	
Check all that Apply:		TYPE OF APPROVAL/ACCEPTANCE SOUGHT: BUILDING PERMIT APPROVAL	
TYPE OF SUBMITTAL:  ENGINEER/ARCHITECT CERTIFICATION  PAD CERTIFICATION  CONCEPTUAL G & D PLAN  GRADING PLAN (REVISED)  DRAINAGE REPORT  DRAINAGE MASTER PLAN  FLOODPLAIN DEVELOPMENT PERMIT APPLIC  ELEVATION CERTIFICATE  CLOMR/LOMR  TRAFFIC CIRCULATION LAYOUT (TCL)		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	
TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING?		PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION WORK ORDER APPROVAL CLOMR/LOMR FLOODPLAIN DEVELOPMENT PERMIT OTHER (SPECIFY)	
DATE SUBMITTED:	By:		
COA STAFF:		C SUBMITTAL RECEIVED:	

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





LEGEND:

TOP OF ASPHALT PAVEMENT TOP OF CURB TOP OF GRATE TOP OF WALL +90.57EXISTING SPOT ELEVATION

UTILITY COLOR CODE

-E----E----E

-G----G----G---

- w - - - - w - - - - w - - - -

- SAS - - - SAS - - -

RED - ELECTRIC POWER LINES, CABLES,

YELLOW - GAS, OIL, STEAM, PETROLEUM OR

ORANGE - COMMUNICATION, ALARM OR SIGNAL

LINES, CABLES OR CONDUIT AND TRAFFIC LOOPS

ORANGE - FIBER OPTIC COMMUNICATION LINES

CONDUIT AND LIGHTING CABLES

GASEOUS MATERIALS

BLUE - POTABLE WATER

GREEN - SEWER AND DRAIN LINES

PROPOSED SPOT ELEVATION PROPOSED STORM DRAIN MANHOLE PROPOSED STORM DRAIN INLET PROPOSED FLOWLINE - -5090--**EXISTING CONTOUR** PROPOSED CONTOUR

PROPOSED DIRECTION OF FLOW HIGH POINT / DIVIDE

# **KEYED NOTES:**

- EXISTING PAVING TO REMAIN. MATCH EXISTING GRADE NEATLY SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT
- CONSTRUCT NEW ASPHALT PAVING PER TYPICAL SECTION SHEET 3 CONSTRUCT NEW RETAINING WALL PER TYPICAL SECTION AND
- PROFILE SHEETS 3 & 4 EXISTING WALL TO REMAIN
- ADJUST EXISTING MANHOLE TO GRADE PER COA STD DWG 2460. (SO-19 INSPECTION REQUIRED) EXISTING GATE, CURB GATE STOP AND BOLLARDS TO REMAIN.
- REPAIR EXISTING GATE TO RESTORE COMPLETE FUNCTIONALITY. REPLACED PAVEMENT IN THIS AREA WILL NEED TO MATCH EXISTING GRADES TO ALLOW FOR GATE OPERATION
- CONSTRUCT NEW CURB AND GUTTER WITH 2 FT ASPHALT STRIP PER TYPICAL SECTION SHEET 3
- CONSTRUCT NEW "SINGLE 'A'-DOUBLE WING" WATER QUALITY INLET PER C.O.A. STD DWG 2201A WITH 36" SUMP AND BMP SNOUT" O. NEATLY SAWCUT, REMOVE, DISPOSE AND REPLACE EXISTING PAVEMENT PER COA STD DWG 2465
- 1. CORE DRILL 24" OPENING AND CONNECT TO EXISTING STORM DRAIN MANHOLE. GROUT OPENING AFTER CONNECTION (SO-19 INSPECTION REQUIRED)
- 12. INSTALL 31 LF 18" RCP STORM DRAIN
- 13. EXISTING FENCE POST
- 14. EXISTING CANOPY CORNER 15. EXISTING FENCE TO REMAIN
- 16. REMOVE AND DISPOSE OF EXISTING CANOPY AND CHAIN LINK
- (7) INSTALL NEW 6' TALL CHAIN LINK FENCE WITH 16' WIDE GATE (TWO 8' SWING PANELS)

# **CONSTRUCTION NOTES:**

- . ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR APPROVED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF
- ALBUQUERQUE STANDARD SPECIFICATIONS-PUBLIC WORKS CONSTRUCTION-2020-UPDATE NO. 10. 2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE
- CALL SYSTEM, 811, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES. . PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
- 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. UTILITY INFORMATION SHOWN HEREON IS BASED UPON THE TOPOGRAPHIC AND UTILITY SURVEY CONDUCTED BY THIS FIRM DATED 07/16/2020. THAT UTILITY SURVEY AND SUBSURFACE UTILITY ENGINEERING EFFORT IS NOT ALL-INCLUSIVE AND MAY NOT REPRESENT UTILITIES/INFRASTRUCTURE THAT HAVE BEEN ABANDONED-IN-PLACE, WERE INACCESSIBLE, OR OTHERWISE UNDETECTABLE DUE TO INFORESEEN AND UNCONTROLLABLE SITE AND/OR UTILITY CONDITIONS. FURTHER, THAT UTILITY
  - INVESTIGATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES THEREFORE. MAKES NO REPRESENTATION PERTAINING THERETO. AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUES, NEW MEXICO EXCAVATION LAWS (NM811), MUNICIPAL AND LOCAL ORDINANCES, SITE SPECIFIC RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES.
- 6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
- . THE GRADES INDICATED ON THIS PLAN ARE FINISHED GRADES UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING SUBGRADE AT ELEVATIONS THAT SHALL ACCOMMODATE PROPOSED IMPROVEMENTS AS INDICATED ON THE PLANS INCLUDING, BUT NOT LIMITED TO SURFACE DRAINAGE STRUCTURES, PAVING AND LANDSCAPING SURFACING.

# PRIVATE DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY NOTICE TO CONTRACTOR (SPECIAL ORDER 19 $\sim$ "SO-19")

- 1. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. 2. 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. 3. 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. 4. 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.
- 5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC /STREET USE. 6. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING
- 7. WORK ON ARTERIAL STREETS MAY BE REQUIRED ON A 24-HOUR BASIS.
- 8. CONTRACTOR MUST CONTACT AUGIE ARMIJO AT (505) 857-8607 AND CONSTRUCTION COORDINATION AT (505) 924-3416 TO SCHEDULE AN INSPECTION.

### **EASEMENT KEYED NOTES:**

- 4 APPROXIMATE LOCATION OF STORM SEWER EASEMENT GRANTED BY DOCUMENT FILED 06-28-1961, BOOK D600, PAGE 503
- CITY OF ALBUQUERQUE STORM SEWER EASEMENT GRANTED BY DOCUMENT FILED 11-20-1972, BOOK MISC. 286, PAGES 674-676
- (6) 7' PNM AND US WEST EASEMENT GRANTED BY DOCUMENT FILED 03-13-1996, BOOK 96-7, PAGES
- EASEMENT DOCUMENTS. FINAL DISPOSITION OF TERMINATION/RELEASE OF THIS EASEMENT UNKNOWN. APPROXIMATE LOCATION OF CELL TOWER LEASE PARCEL AND ACCESS EASEMENT DESCRIPTION AS DESCRIBED BY DOCUMENT FILED 01-26-1996, BOOK 96-3, PAGES 331-337, DOC. #96009338 CURRENT DISPOSITION OF LEASE AND EASEMENT IS UNKNOWN,

### NOTE:

THIS IS NOT A BOUNDARY SURVEY OR A RIGHT-OF-WAY SURVEY. APPARENT PROPERTY CORNERS, RIGHT-OF-WAY LINES, OR PROPERTY LINES AS SHOWN ARE DERIVED FROM RECORD SURVEY PLATS, RIGHT-OF-WAY MAPS, OR DEED: REFERENCED HEREON AND ARE NOT GUARANTEED OR TO BE RELIED ON FOR E ESTABLISHMENT OF PROPERTY LINES

THE BOUNDARY, TOPOGRAPHIC AND UTILITY INFORMATION DEPICTED HEREON BASED UPON THE BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY PREPARED



2020.171.4

09-2020

09-18-2020 08/28/2020



PLAN

**GRADING AND PAVING FLAN** PHASE 1 BASIN B AND GALLES TRUCK DOCK IMPROVEMENTS **UNM LANDS WEST** 

⚠ 09/20 G.M. ADD TRUCK DOCK PAVING APPROVED BY G.M.

GRADING

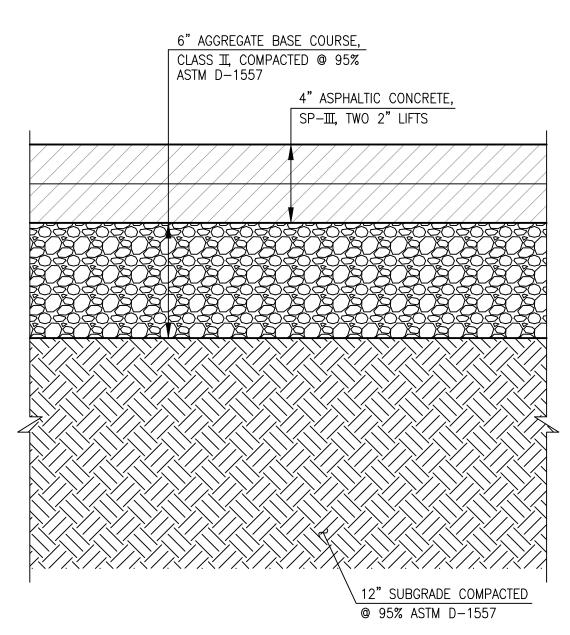
NEATLY SAWCUT, REMOVE
DISPOSE, REGRADE AND
REPLACE EXISTING
PAVEMENT SCALE:

1" = 10' HORIZONTAL

1" = 5' VERTICAL TOP BACK OF WALL 5095 5095 MATCH EXISTING
TOP OF WALL TOP OF WALL PROFILE EXISTING GRADE PROFILE

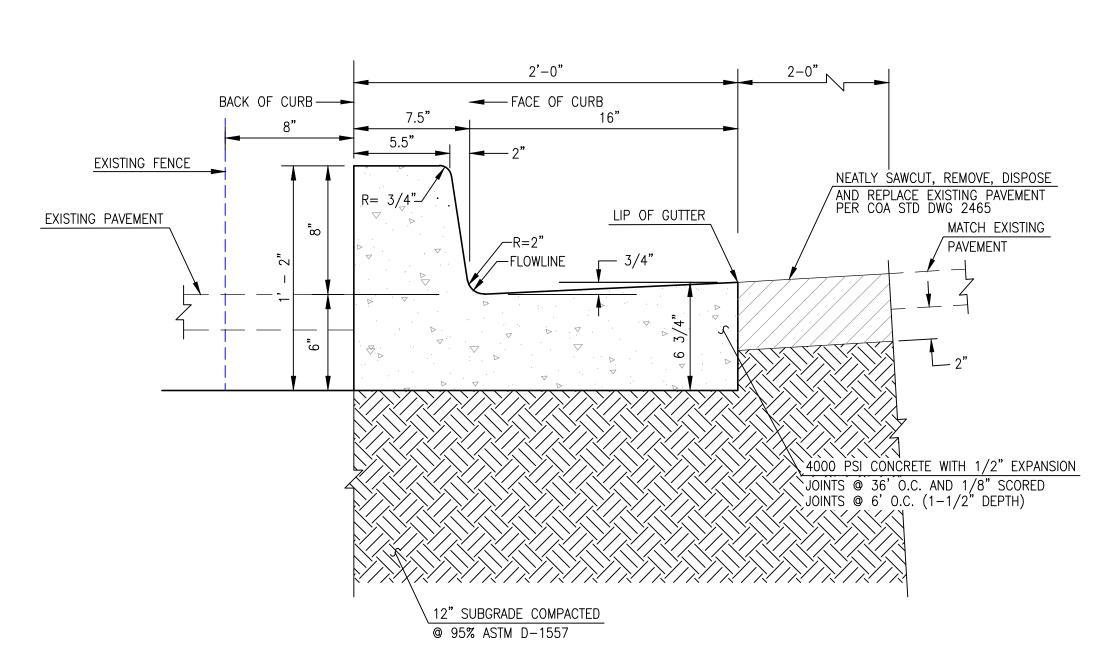
BACK OF WALL 5090 5090 BACK OF WALL FACE OF WALL 5085 EXISTING GRADE PROFILE 

BACK OF WALL TOP OF FOOTING PROFILE 5080 00+00



TYPICAL 4" ASPHALT PAVING SECTION WITH 6" BASE COURSE

SCALE: 1" = :



TYPICAL CURB & GUTTER SECTION

## NOTE:

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THE BOUNDARY, TOPOGRAPHIC AND UTILITY INFORMATION DEPICTED HEREON IS BASED UPON THE BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS NO. 11184, DATED 07/16/2020 (2020 170 4)



HIGH
MESA Consulting Group

Regineers, Surveyors & Subsurface Utility Consultants

6010-B Midway Park Blvd. NE Albuquerque, New Mexico 87109
Phone: 505.345.4250 Fax: 505.345.4254 www.highmesacg.com

SECTIONS, DETAILS AND RETAINING WALL PLAN AMD PROFILE PHASE 1 BASIN B AND GALLES TRUCK DOCK IMPROVEMENTS

UNM LANDS WEST

	ND.	DATE	BY	REVISIONS	JDB ND.	
IGNED BY R.J.C.					2020.171.4	<u> </u>
J.Y.R.					DATE 09-2020	
WN BY					03-2020	
ROVED BY G.M.					SHEET OF	
					3 4	•

J2U17U6\_Design.dwg - ZU17U7\_SH 3-R1 Plot Date: 9/21/2U Plot Time: 17:0

0' TO 2'-0" RETAINING



### GENERAL NOTES

- 1. LONGITUDINAL FOOTING REINFORCEMENT SHALL BE EQUALLY SPACED IN FOOTING WIDTH.
- 2. LAP ALL BARS 40 DIAMETERS OR 18" MINIMUM UNLESS
- OTHERWISE NOTED 3. CONTRACTOR RESPONSIBLE FOR LATERAL BRACING OF
- CONCRETE WALL DURING CONSTRUCTION 4. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE F'c = 3,000psi
- @ 28 DAYS. 5. MINIMUM SOIL BEARING STRENGTH SHALL BE qa = 2,500psf.
- 6. PROVIDE 3'-0" OVEREXCAVATION UNDER RETAINING WALL FOUNDATIONS IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS.
- PER ASTM D 1557 FOR A DEPTH OF 12" BELOW FOOTINGS. MOISTURE CONTENT SHALL BE =/- 2% OF OPTIMUM 8. BACKFILL ADJACENT TO WALL SHALL BE COMPACTED WITH RELATIVELY

7. MINIMUM COMPACTION UNDER FOOTINGS SHALL BE AT 95% OF OPTIMUM

- LIGHT, HAND OPERATED EQUIPMENT TO PREVENT OVER STRESSING THE WALL AND EXCWSSIVE LATERAL DEFLECTIONS.
- 9. REINFORCING STEEL SHALL BE GRADE 60. COLD -FLUID APPLIED WATERPROFFING
- 10. MANUFACTURERS
- A. BASIS-OF-DESIGN: MEL-ROL LM WATERPROOFING SYSTEM BY W. R. MEADOWS, INC.; WWW.WRMEADOWS.COM.
- 1. APPROVED FOR USE AT TEMPERATURE
- BELOW 40<sup>O</sup>F: "POLYGUARD 650" MANUFACTURED BY POLYGUARD PRODUCTS; <u>WWW.POLYGUARDPRODUCTS.COM</u>
- 11. MATERIALS A. WATERPROOFING MEMBRANE: SINGLE-COMPONENT, POLYMER-MODIFIED,
- COLD-APPLIED, LIQUID WATERPROOFING MEMBRANE. 1. PERFORMANCE BASED SPEC: WATERPROOFING MEMBRANE SHALL HAVE THE
- FOLLOWING PROPERTIES AS DETERMINED BY LABORATORY TESTING:
- a. COLOR: BLACK b. SOLIDS: 70%
- c. TOTAL CURE TIME: 16-24 HOURS
- d. SHORE "00" HARDNESS, ASTM C836: PASSES
- e. ADHESION TO CONCRETE, ASTM C836: PASSES f. LOW TEMPERATURE FLEX AND CRACK BRIDGING, ASTM C836: PASSES
- g. STABILITY, ASTM C836: PASSES
- h. ELONGATION, ASTM D412: 1500%
- i. WATER ABSORPTION, ASTM D1970: 0.7%
- j. WATER VAPOR TRANSMISSION, ASTM E96 (METHOD B): 0.03 PERMS
- 12. ACCESSORIES A. CONCRETE REPAIR MATERIALS: MEADOW-PATCH 5 AND 20 CONCRETE REPAIR
- MORTARS BY WR MEADOWS OR EQUAL APPROVED BY ARCHITECT. B. PROTECTION BOARD: FANFOLDED EXTRUDED POLYSTYRENE FOAM BOARD WITH PLASTIC FILM ON BOTH SIDES. THE HIGH-GRADE POLYSTYRENE FORMULATION COUPLED WITH THE HEAT BONDING OF THE CAPSHEETS (NO GLUE USED) PERMITS 90° "FOLDING" AROUND CORNERS WITHOUT BREAKAGE OR THE NEED
- FOR REINFORCEMENT TAPE. 1. COMPRESSIVE STRENGTH: 15.0, WHEN TESTED IN ACCORDANCE WITH ASTM
- 2. THERMAL RESISTANCE: R-1
- 3. THICKNESS: 1/4 INCH
- 4. SIZE: 4' X 50'
- EDGES: SQUARE.
- 6. MANUFACTURER: DOW CHEMICAL COMPANY, "BLUECOR"
- C. WATERPROOFING PROTECTION COURSE: PERMINATOR 10 MIL. BY WR MEADOWS OR EQUAL APPROVED BY ARCHITECT.
- 13. **EXAMINATION**: EXAMINE SURFACES TO RECEIVE MEMBRANE. NOTIFY ARCHITECT IF SURFACES ARE NOT ACCEPTABLE. DO NOT BEGIN SURFACE PREPARATION OR APPLICATION UNTIL UNACCEPTABLE CONDITIONS HAVE BEEN CORRECTED.
- 14. SURFACE PREPARATION
  - A. CLEAN AND PREPARE SURFACES TO RECEIVE WATERPROOFING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PROTECT ADJACENT SURFACES NOT DESIGNATED TO RECEIVE WATERPROOFING. DO NOT APPLY WATERPROOFING TO SURFACES UNACCEPTABLE TO MANUFACTURER.
  - B. CONCRETE SURFACES MUST BE CLEAN, RELATIVELY SMOOTH, AND FREE OF STANDING WATER.
  - C. PATCH ALL HOLES AND VOIDS AND SMOOTH OUT ANY SURFACE MISALIGNMENTS.
- REMOVE AND PATCH ALL CONCRETE FORM TIES. D. APPLY PRIMER COAT OF MEMBRANE DILUTED 4:1 WITH WATER IF NECESSARY TO REDUCE BLISTERING ON CONCRETE SURFACES AT A COVERAGE RATE OF 100-150
- FT.<sup>2</sup>/U.S. GAL BY SPRAYING OR ROLLING. E. ALLOW PRIMER COAT TO DRY BEFORE PROCEEDING TO MEMBRANE APPLICATION.
- 15. APPLICATION A. APPLY WATERPROOFING MEMBRANE SYSTEM IN ACCORDANCE WITH
- MANUFACTURER'S INSTRUCTIONS.
- B. THOROUGHLY MECHANICALLY MIX MEMBRANE PRIOR TO APPLICATION.
- C. APPLY MEMBRANE BY SPRAY, ROLLER, OR BRUSH AT A MINIMUM COVERAGE RATE OF 20-25 FT.<sup>2</sup>/U.S. GAL PROVIDING A THICKNESS OF 60 WET MILS.
- D. FREQUENTLY INSPECT SURFACE AREA WITH A WET MIL GAUGE TO ENSURE CONSISTENT THICKNESS.
- E. WORK MATERIAL INTO ANY FLUTED RIB FORMING INDENTATIONS.
- F. CURED THICKNESS OF MEMBRANE SHOULD BE 45 MILS DRY.
- G. AVOID USE OF PRODUCTS THAT CONTAIN TARS, SOLVENTS, PITCHES, POLYSULFIDE POLYMERS, OR PVC MATERIALS THAT MAY COME INTO CONTACT WITH WATERPROOFING MEMBRANE SYSTEM.
- 16. PROTECTION A. PROTECT MEMBRANE WITH APPLICATION OF WATERPROOFING PROTECTION COURSE DRAINAGE BOARD, OR OTHER APPROVED MATERIAL. BACKFILL IMMEDIATELY USING CARE TO AVOID DAMAGING WATERPROOFING MEMBRANE SYSTEM.

# ○ KEYED NOTES

- 6" 3000psi CONCRETE WALL
- 2. #4 @ 12" O.C. EACH WAY TOP & BOTTOM 3. #5 DOWELS @ 12" O.C.
- 4. #4 HORIZONTAL BARS @ 12" O.C. CENTERED IN WALL
- DRAINAGE WATER PROOFING MEMBRANE, SEE CIVIL FOR REQUIREMENTS
- 6. PERFORATED PIPE, SEE CIVIL FOR REQUIREMENTS 7. GRAVEL DRAINAGE MATERIAL AROUND PIPE
- 8. 1 1/2" DIA. PVC WEEP HOLES @ 10'-0" O.C.

BUIL

8

date: SEPTEMBER, 2020 drawn by: TEP

checked by: RSP file name: S-101.dwg



