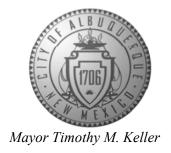
CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



February 5, 2021

Glenn Broughton Bohannan Huston, Inc. 7500 Jefferson St. NE Albuquerque, NM 87109

RE: Presbyterian ED Waiting Room

1100 Central Ave. SE Permanent CO – Accepted

Grading Certification Stamp Date: 1/21/21

Grading and Drainage Plan Stamp Date: 3/13/20

Hydrology File: K15D005

Dear Mr. Broughton:

PO Box 1293 Based on the submittal received on 1/21/21 and site visit on 2/4/21, this certification is approved

in support of Permanent Release of Occupancy by Hydrology.

Albuquerque

If you have any questions, please contact me at 924-3986 or earmijo@cabq.gov.

NM 87103 Sincerely,

www.cabq.gov

Ernest Armijo, P.E.

Principal Engineer, Planning Dept. Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Troject ritie.	Project Title: Building		Hydr	Hydrology File #:	
DRB#:			Work Order#:		
Legal Description:					
City Address:					
Applicant:			Contac	t:	
Address:					
		E-mail:			
Other Contact:			Contac	t:	
Address:					
			E-mail:		
TYPE OF DEVELOPMENT:	_PLAT	RESIDENCE	DRB SITE _	ADMIN SITE	
Check all that Apply:					
DEPARTMENT: HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT APPLIC ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING? IS THIS A RESUBMITTAL?:YesNo		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 GUARANTE! 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)			

FEE PAID:____

PROJECT BENCHMARK

AN NMSHC BRASS DISK STAMPED "STA I-25-27", SET IN A CONCRETE POST FLUSH WITH THE GROUND 1 FOOT OF THE SOUTHEAST CORNER OF AN ELECTRIC PULL BOX AND BEING 101.5 FEET SOUTH OF LEAD AVENUE CENTERLINE TO THE STATION AT THE SOUTHEAST CORNER OF THE BRIDGE. ELEVATION = 5070.356 FEET (NAVD 1988)

TEMPORARY BENCHMARK #1 (T.B.M.)

A #5 REBAR W/CAP STAMPED "NMPS 10464", SET IN GRASS NEAR THE NORTHWEST CORNER OF THE FENCE SURROUNDING THE HELICOPTER LANDING PAD. ELEVATION = 5066.97 FEET (NAVD 1988)

BID ALTERNATE 1

REMOVE AND REPLACE EXISTING ASPHALT PAVEMENT, CURB, OR SIDEWALK AS NECESSARY TO INSTALL A NEW 8" MJ X MJ GATE VALVE, VALVE BOX AND COVER. INSTALL MECHANICAL JOINT RESTRAINTS ON VALVE. THE EXISTING 8" WATER LINE IS TO BE ASBESTOS CEMENT PIPE. THIS SCOPE OF WORK SHOWN INCLUDE PROCEDURES AND EQUIPMENT AS REQUIRED TO SAFELY CUT, REMOVE AND DISPOSE OF ASBESTOS CONTAINING MATERIALS.

RIGHT OF WAY

UTILITY KEYED NOTES

- 1. EXISTING POST INDICATOR TO BE REMOVED. ABANDON EXISTING VALVE IN PLACE.
- 2. EXISTING 8" FIRE LINE.

CENTRAL AVE

BID ALTERNATE

67.06

TS67.43 -

FGL67.45 FGH68-80

67.49

3. INSTALL 8" GATE VALVE AND POST INDICATORS. SEE ELECTRICAL PLANS FOR CONNECTION TO PIV TAMPER SWITCH.

GRADING KEYED NOTES

- INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
- 2. INSTALL NYLOPLAST DRAIN BASIN WITH 8" DOME GRATE.
- 3. INSTALL NYLOPLAST DRAIN BASIN WITH 8" DOME GRATE. CONNECT TO EXISTING STORM DRAIN PIPE.
- 4. REMOVE & DISPOSE OF EXISTING STORM DRAIN INLET.
- 5. REMOVE & DISPOSE OF APPROXIMATELY 13 LF OF EXISTING STORM DRAIN PIPE. LEAVE STUBOUT FROM STORM DRAIN MAIN INTACT FOR CONNECTION OF NEW STORM DRAIN INLET.
- RETAINING WALL. SEE ARCHITECTURAL PLANS.

ASPHALT PAVEM

-ROOF DRAIN TO UNDERGROUND

(UNABLE TO DUCT ROD)

7. CONTRACTOR TO VERIFY DEPTH AND SIZE OF EXISTING STORM DRAIN PRIOR TO CONSTRUCTION.

GENERAL NOTES

1. 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 PUBLIC WORKS STANDARDS SHALL APPLY.

2. 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.

3. 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.

4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.

5. 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

6. 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.

7. 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.

8. 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.

9. 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.).

10. 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.

11. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

12. 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

13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES.

14. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

GRADING NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION". ALL OTHER WORK SHALL UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN

5. 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

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.

7. 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 OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALI BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.



DEKKER PERICH SABATINI

ARCHITECTURE DESIGN INSPIRATION

ARCHITECT

ENGINEER

PROJECT

ISSUED FOR PERMIT & BID

REVISIONS

DRAWN BY ВО **REVIEWED BY** GSB DATE 03/13/2020 PROJECT NO. 19-0054.001 DRAWING NAME

GRADING AND DRAINAGE PLAN

C-100

TEMPORARY BENCHMARK #2 (T.B.M.) A MAG NAIL SET IN THE TOP OF A CONCRETE WHEELCHAIR RAMP JOINT SOUTHEAST OF THE PROJECT SITE. ELEVATION = 5078.46 FEET (NAVD 1988)

DRAINAGE CERTIFICATION

I, GLENN S. BROUGHTON, NMPE 14171, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 03/13/2020. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY JOSEPH M. SOLOMON, JR NMPS NO. 15075, OF THE FIRM HIGH MESA

CONSULTING GROUP. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 01/20/2020 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 PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

01/20/2020

AS-BUILT GRADE

FL92.03 DESIGN GRADE

<u>LEGEND</u>

GLENN S. BROUGHTON, NMPE 14171 FL92.03 AS-BUILT GRADE

OUBLE DOOR EMERGENCY ROOM EXIST FF=5067.15± 67.16

FF=5067.15 67.26 FGL67.20 5067.17

> -ECTRIC PULLBOX & FG68.82 FG68-57

> > FG68-7

GRADING & DRAINAGE PLAN

DIDEWALK

Thu, 21-Jan-2021 - 10:07:am, Plotted by: MMAADANDAR P:\20200330\CDP\Plans\General\20200330 GP01.dwa

FGH68-50 -69.07

68.37 TG68.25 INV66.37 65.78

68.86 FG68.54

SCALE: 1"=5' @ 24"x36" PLAN

PROJECT BENCHMARK

AN NMSHC BRASS DISK STAMPED "STA I-25-27", SET IN A CONCRETE POST FLUSH WITH THE GROUND 1 FOOT OF THE SOUTHEAST CORNER OF AN ELECTRIC PULL BOX AND BEING 101.5 FEET SOUTH OF LEAD AVENUE CENTERLINE TO THE STATION AT THE SOUTHEAST CORNER OF THE BRIDGE.

BID ALTERNATE 1
REMOVE AND REPLACE EXISTING ASPHALT PAVEMENT, CURB, OR SIDEWALK AS NECESSARY TO INSTALL A NEW 8" MJ X MJ GATE VALVE, VALVE BOX AND COVER. INSTALL MECHANICAL JOINT RESTRAINTS ON VALVE. THE EXISTING 8" WATER LINE IS TO BE ASBESTOS CEMENT PIPE THIS SCOPE OF WORK SHOWN INCLUDE ROCEDURES AND EQUIPMENT AS REQUIRED TO SAFELY CUT, REMOVE AND DISPOSE OF ASBESTOS CONTAINING MATERIALS.

UTILITY KEYED NOTES

- 1. EXISTING POST INDICATOR TO BE REMOVED. ABANDON EXISTING VALVE IN PLACE.
- 2. EXISTING 8" FIRE LINE.

CENTRAL AVE

BID ALTERNATE

TS67.13

67.06

67.49

FGI 67-41 FGH68-80 69.39

─ INV66.86

3 INSTALL 8" GATE VALVE AND POST INDICATORS. SEE ELECTRICAL

GRADING KEYED NOTES

- 1. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE
- 2. INSTALL NYLOPLAST DRAIN BASIN WITH 8" DOME GRATE
- 3. INSTALL NYLOPLAST DRAIN BASIN WITH 8" DOME GRATE. CONNECT TO EXISTING STORM DRAIN PIPE
- 4. REMOVE & DISPOSE OF EXISTING STORM DRAIN INLET.
- 5. REMOVE & DISPOSE OF APPROXIMATELY 13 LF OF EXISTING STORM DRAIN PIPE, LEAVE STUBOUT FROM STORM DRAIN MAIN INTACT FOR CONNECTION OF NEW STORM DRAIN INLET.
- 6. RETAINING WALL, SEE ARCHITECTURAL PLANS.
- 7. CONTRACTOR TO VERIFY DEPTH AND SIZE OF EXISTING STORM DRAIN PRIOR TO CONSTRUCTION

GENERAL NOTES

- 1. 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 PUBLIC WORKS STANDARDS SHALL APPLY
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- 8. 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
- 9. 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.).
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- 14. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

GRADING NOTES

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- 4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN
- 5. 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
- 6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
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- 8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.
- . VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL



TEMPORARY BENCHMARK #1 (T.B.M.) A #5 REBAR W/CAP STAMPED "NMPS 10464", SET IN GRASS NEAR THE NORTHWES' CORNER OF THE FENCE SURROUNDING THE HELICOPTER LANDING PAD. ELEVATION = 5066.97 FEET (NAVD 1988)

TEMPORARY BENCHMARK #2 (T.B.M.)

A MAG NAIL SET IN THE TOP OF A CONCRETE WHEELCHAIR RAMP JOINT SOUTHEAST OF THE PROJECT SITE ELEVATION = 5078.46 FEET (NAVD 1988

(1)

67.26 FGL67.20

FGH68-50

68.37 TG68-25 INV66-37 65.78

68.86 FG68.54

(6)

RIGHT OF WA I, GLENN S. BROUGHTON, NMPE 14171, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 03/13/2020. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY JOSEPH M. SOLOMON, JR NMPS NO. 15075, OF THE FIRM HIGH MESA

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GLENN S. BROUGHTON, NMPE 14171

01/20/2020

AS-BUILT GRADE

LEGEND FL92.03 DESIGN GRADE

FL92.05 AS-BUILT GRADE

EXIST FF=5067.15±

FG67-33

FF=5067 15 5067.17 SIDEWALK

2.0% FG68-57 68.51 FG68-77 -

> WITH METAL HANDRAIL **GRADING & DRAINAGE PLAN**

68.83

STATION PRIOR TO BEGINNING CONSTRUCTION.

PERICH SABATINI

ARCHITECTURE DESIGN INSPIRATION

PRESBYTERIAN ED WAITING ROOM EXPANSION & CT/MRI RENOVATIONS 1100 Central Ave. SE Albuquerque, NM 87106

ISSUED FOR PERMIT & BID

 \triangle \triangle \triangle

DRAWN BY ВО GSB REVIEWED BY PROJECT NO. 19-0054.001

GRADING AND DRAINAGE PLAN

C-100