

Addendum #001

January 14, 2020

Project: BYU-Idaho – Spori Annex 2019
A Sculpture and Ceramics Facility for University Academics **Project No:** 11513

To: Contractors bidding on the Spori Annex project

From: Chad Alldredge, University Architect (208) 496-2659
Architecture & Construction Management Services Fax (208) 496-2653
213 University Operations Building
Rexburg, Idaho 83460-8205

Attached: 1 Door Hardware, 3 Civil, 2 Landscape, 2 Architectural, 1 Mechanical, 1 Electrical

Page(s): 12 including this cover page.

This Addendum forms a part of the Contract Documents and modifies the original Bid Documents dated 27 November 2019 as noted below. **Acknowledge receipt of this Addendum in the space provided in the lower part of page 2 of the Form of Proposal.** Failure to do so may subject the Bidder to disqualification.

I. CHANGES TO PRIOR ADDENDA:

A N/A

II. CHANGES TO BIDDING REQUIREMENTS:

A Project Dates – clarification is given that construction at the project site cannot start until January 29, 2020. Equipment and materials submittals can proceed prior to that as it is anticipated a contract will be awarded shortly after the bid date. The project completion date is still October 31, 2020.

III. CHANGES TO SPECIFICATIONS:

- A Section 08 87100 pages 16-17, Door Hardware: Add changes as indicated in RED on the attached sheet.
- B Section 33 3313 page 4, Sanitary Utility Sewerage: Add 3.4 B; Video recording of piping shall be provided to ensure field quality control as per 3.3 B. Failure to install pipe properly shall be cause for rejection and replacement of piping system at no additional cost to Owner.

IV. CHANGES TO DRAWINGS:

- A Sheet C100, Civil Demo Sheet: The existing curb and gutter immediately north of the Clarke building will be removed as well as the asphalt all the way to the building on the east end of the north façade where two existing ADA stall currently are. Irrigation manhole demolished. Retaining wall with light pole and stairs with upper and lower landings to be preserved and protected.

- B Sheet C102, Civil Grading Sheet: Sidewalk from the northeast man door out of the Clarke building to the east. Sidewalk south of existing mechanical enclosure continues east, but not go up to the mechanical enclosure wall. Sidewalk toward the southwest Spori Annex entry continues north to a new mechanical enclosure wall and gate and into a gated area for a dust collector to rest upon. Notes about fill. Slab at northeast Spori Annex entry extended south for bike rack. Slab outside of Mechanical Riser Room 116 is on east side not the west.
- C Sheet C103, Civil Utility and Concrete: Adjustments to area northeast of Clarke building.
- D Sheet L101, Landscape Planting Plan: Add plantings north of the Clarke building between the building and the driveway between the Clarke building and Spori Annex.
- E Sheet L102, Landscape Irrigation Plan: Add irrigation north of the Clarke building between the building and the driveway between the Clarke building and Spori Annex. Also, the triangle of existing lawn to the northwest of the Spori Annex parking lot and the mow strip north of the parking lot between the existing sidewalk and the 2nd South road.
- F Sheet AE100, Site Plan: Changes to the handrails, irrigation manhole, bike rack, parking sign, and notes.
- G Sheet AE602, Door Schedule & Details: Changes as indicated in RED on the attached door hardware sheet made to the Door Schedul and Door Hardware Schedule.
- H Sheet M1.1, Mechanical Floor Plan: Add duct smoke detector for unit shutdown, relocate transfer grill, add smoke damper to transfer grill with ceiling smoke detector each side within three feet, increase size of transfer grill.
- I Sheet E3.0, Fire Alarm Plan: Make connections to smoke detectors and dampers, provide relay and monitor modules and program.

End of Addendum #001

Issued by: Chad Alldredge

BYU-I Spori Annex
 VER 02, CHGS ONLY, 01-06-20

HW SET: 04

DOOR NUMBER: (INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING DOORS)

104A		118				
3	EA	HINGE	5BB1 4.5 X 4.5 NRP (OR AS REQ'D BY FRAME)	652	IVE	
1	EA	PASSAGE SET	ND10S RHO	626AM	SCH	
1	EA	WALL STOP	WS406/407CCV	630	IVE	
3	EA	SILENCER	SR64 (OR AS REQ'D BY FRAME)	GRY	IVE	

HW SET: 04.1

DOOR NUMBER: (INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING DOORS)

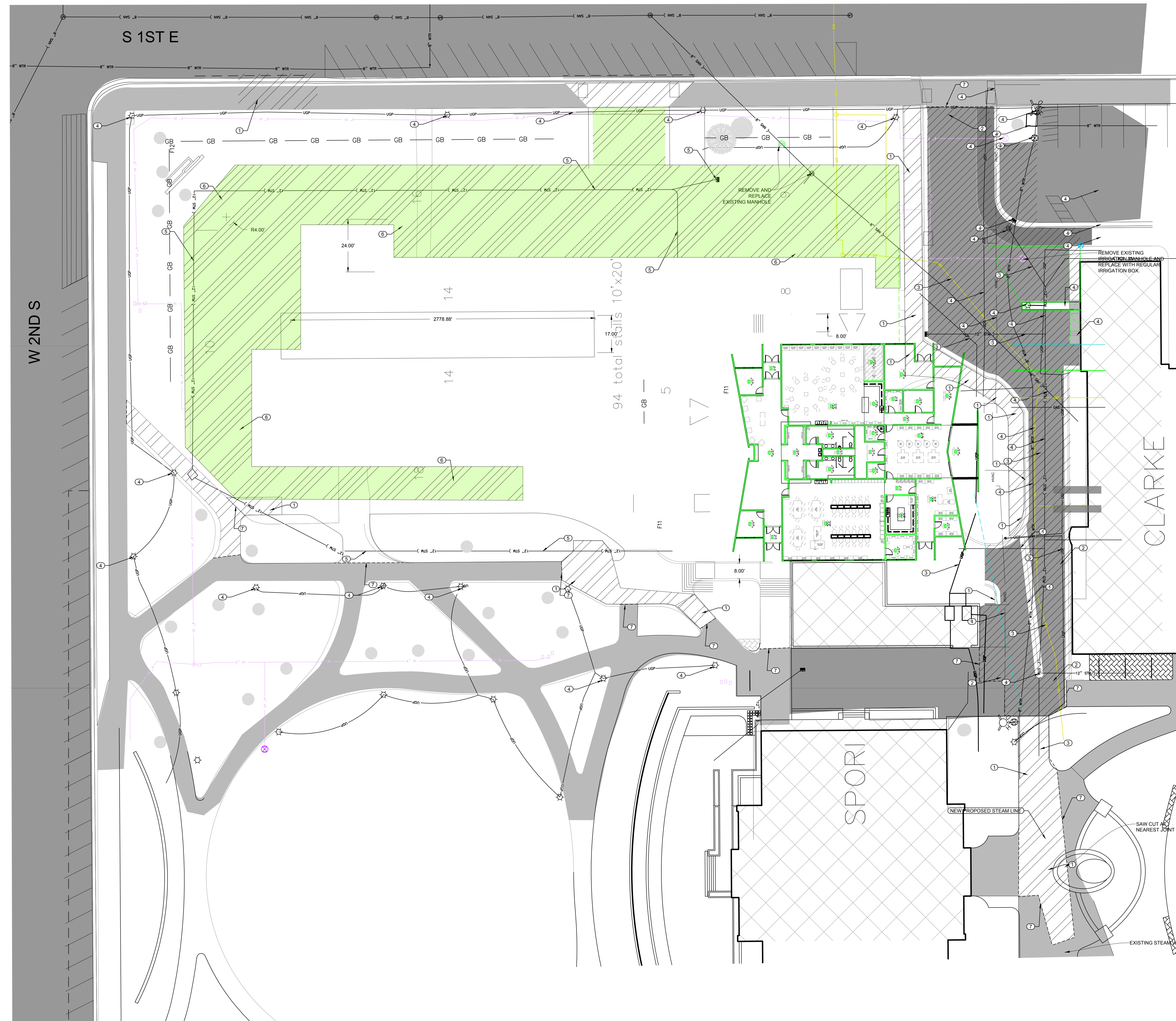
111		112A	112B	117C		
3	EA	HINGE	5BB1 4.5 X 4.5 NRP (OR AS REQ'D BY FRAME)	652	IVE	
1	EA	PASSAGE SET	ND10S RHO	626AM	SCH	
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN	
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE	
1	EA	WALL STOP	WS406/407CCV	630	IVE	
1	EA	GASKETING	488SBK PSA	BK	ZER	

HW SET: 07

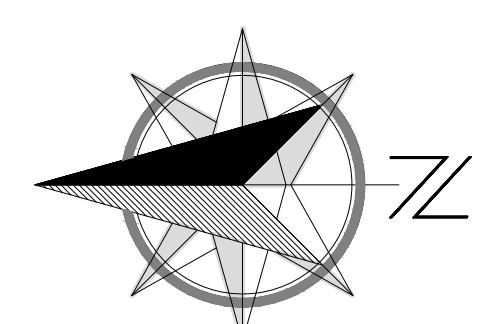
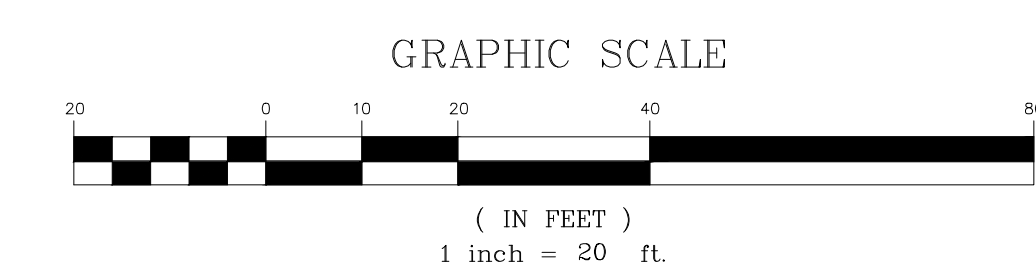
DOOR NUMBER: (INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING DOORS)

110B		113	115	119B	119C	
3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE	
1	EA	POWER TRANSFER	EPT10	⚡ 689	VON	
1	EA	ELEC CLASSROOM LOCK	AD-300-CY-70-MTK-RHO-J 12/24 VDC (BY INTEGRATOR)	⚡ 626	SCE	
1	EA	FSIC PERMANENT CORE EV 29	23-030	626	SCH	
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN	
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE	
1	EA	WALL STOP	WS406/407CCV	630	IVE	
1	EA	GASKETING	488SBK PSA (DR 110B, 119B, & 119C ONLY)	BK	ZER	
1	EA	PANEL INTERFACE	BY DIV 28 (BY INTEGRATOR)	⚡	B/O	
		POWER SUPPLY	BY DIV 28		B/O	

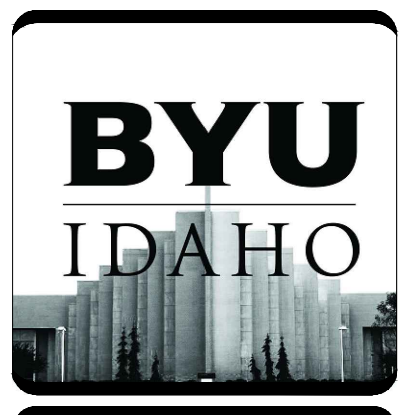
CARD OR KEYPAD IN. USER PRESENTS CREDENTIAL, LOCKSET LEVER RELEASES, USER OPENS DOOR TO ENTER. DOOR POSITION AND REQUEST TO EXIT IS INTEGRAL TO THE LOCK.



- ① REMOVE EXISTING CURB AND CONCRETE
- ② REMOVE EXISTING ASPHALT IN CROSS HATCHED AREA
- ③ REMOVE AND REPLACE EXISTING STEAM LINE FROM CAP IN DEMOLITION PLAN TO EXISTING VAULT OUTSIDE OF SPORI SEE MECHANICAL PLAN FOR DETAILS
- ④ RETAIN AND PROTECT
- ⑤ REMOVE EXISTING STORM DRAIN SYSTEM
- ⑥ REMOVE EXISTING LANDSCAPING TO TOP OF SUB GRADE
- ⑦ SAW CUT AND REPAIR



- NOTE:**
1. CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES LOCATION PRIOR TO CONNECTION PROPOSED UTILITIES.
 2. CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS AND COORDINATE WITH EACH UTILITY COMPANY.
 3. ENSURE 10' MINIMUM HORIZONTAL CLEARANCE BETWEEN ALL POTABLE AND NON-POTABLE LINES ARE MET PER IDEQ.
 4. ENSURE 18" MINIMUM VERTICAL CLEARANCE BETWEEN ALL POTABLE AND NON-POTABLE LINES ARE MET PER IDEQ.
 6. CONTRACTOR TO VERIFY A MIN. OF 24" PIT RUN FOR ASPHALT AREA.
 7. ANY ASPHALT AND ROAD BASE AREA THAT IS REMOVED AND REPLACED WITH LANDSCAPE WILL NEED A MIN. OF 12" TOPSOIL FOR PLANTING.
 8. ALL LANDSCAPE TP BE DONE PER THE LANDSCAPE PLAN.



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 Blake Jolley

DOCUMENT STATUS		DATE
STATUS		

REVISION SCHEDULE		DATE
NO.	DESCRIPTION	

PROJECT NAME:

BRIGHAM YOUNG UNIVERSITY - IDAHO SPORI ANNEX

PROJECT NO: 10569

SHEET NAME:

CIVIL DEMO SHEET

SHEET NUMBER:

C100



Know what's below.
 Call before you dig.



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DOCUMENT STATUS		DATE
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REVISION SCHEDULE		DATE
NO.	DESCRIPTION	

PROJECT NAME:

BRIGHAM YOUNG UNIVERSITY - IDAHO
SPORI ANNEX

PROJECT NO.: 10569

SHEET NAME:

CIVIL GRADING SHEET

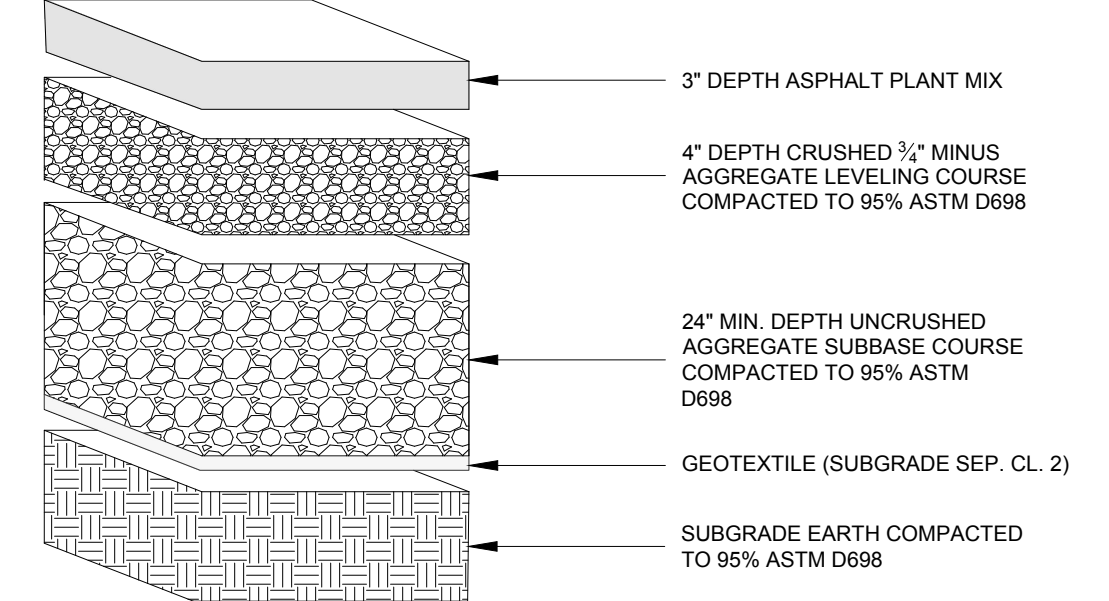
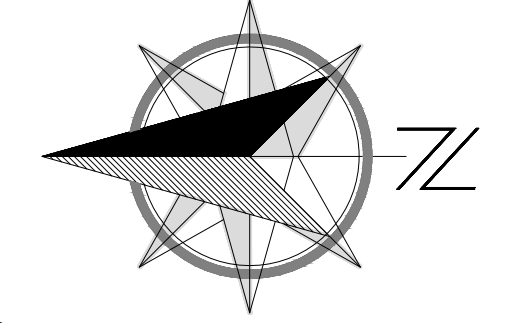
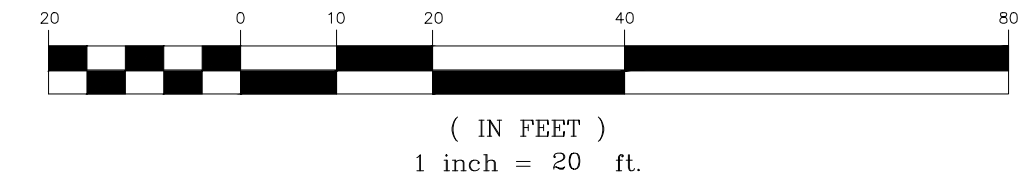
SHEET NUMBER:

C102

LEGEND

- EXISTING CATCH BASIN
- EXISTING FIRE HYDRANT
- EXISTING POWER POLE
- EXISTING LIGHT POLE
- EXISTING WATER VALVE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXIST. CURB & GUTTER
- PROPERTY LINE
- GRADE BREAK
- SAW CUT
- STREET RIGHT-OF-WAY (ROW)
- EASEMENT LINE
- EXIST. FENCE LINE
- EXISTING UNDERGROUND POWER
- EXISTING STEAM CONDUIT
- EXISTING HVAC
- EXISTING IRRIGATION
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
-
- EXISTING GAS SERVICE
- PROPOSED GAS LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED CONCRETE
- EXISTING CONCRETE RETAIN AND PROTECT
- EXISTING BUILDING RETAIN AND PROTECT
- LANDSCAPING
- EXISTING ASPHALT
- PROPOSED ASPHALT

GRAPHIC SCALE



PARKING LOT SECTION

NOTE:

- CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES LOCATION PRIOR TO CONNECTION PROPOSED UTILITIES.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS AND COORDINATE WITH EACH UTILITY COMPANY.
- ENSURE 10' MINIMUM CLEARANCE BETWEEN ALL POTABLE AND NON-POTABLE LINES ARE MET PER IDEQ AND CITY OF REXBURG STANDARDS.
- ENSURE 18" MINIMUM VERTICAL CLEARANCE BETWEEN ALL POTABLE AND NON-POTABLE LINES ARE MET PER IDEQ AND CITY OF REXBURG STANDARDS
- CONTRACTOR TO VERIFY EXISTING SERVICES AND INSTALL IF NOT EXISTING.
- CONTRACTOR TO VERIFY A MIN. OF 24" PIT RUN FOR ASPHALT AREA. ANY ASPHALT AND ROAD BASE AREA THAT IS REMOVED AND REPLACED WITH LANDSCAPE WILL NEED A MIN. OF 12" TOPSOIL FOR PLANTING.
- ALL LANDSCAPE TP BE DONE PER THE LANDSCAPE PLAN.

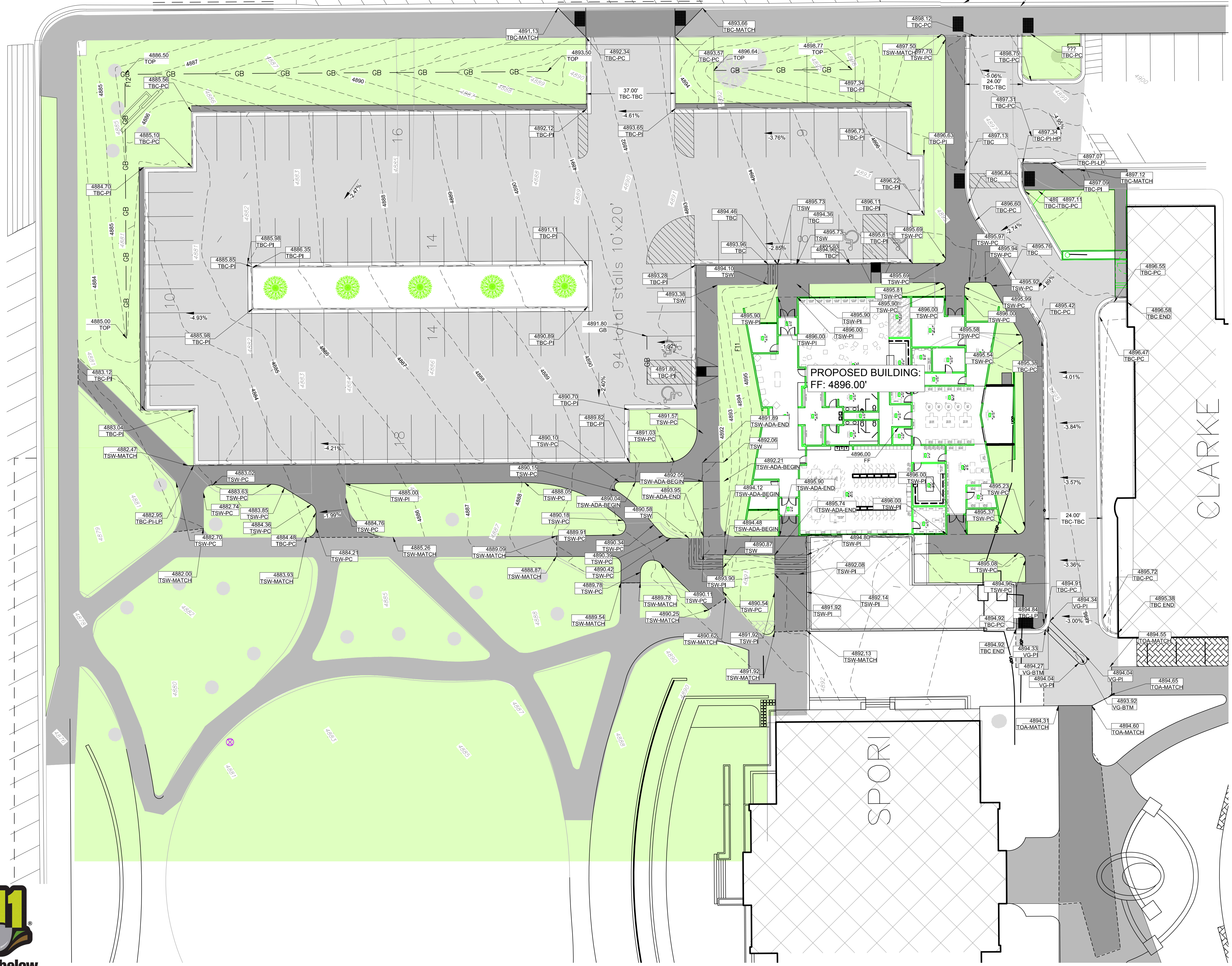
STORM WATER INFORMATION:
PRECIPITATION FACTOR: 0.90
INTENSITY: 1.0"
PARKING LOT AREA: 37,800 SQ. FT.
BUILDING AREA: 9,350 SQ. FT.
TOTAL AREA: 47,150 SQ. FT.

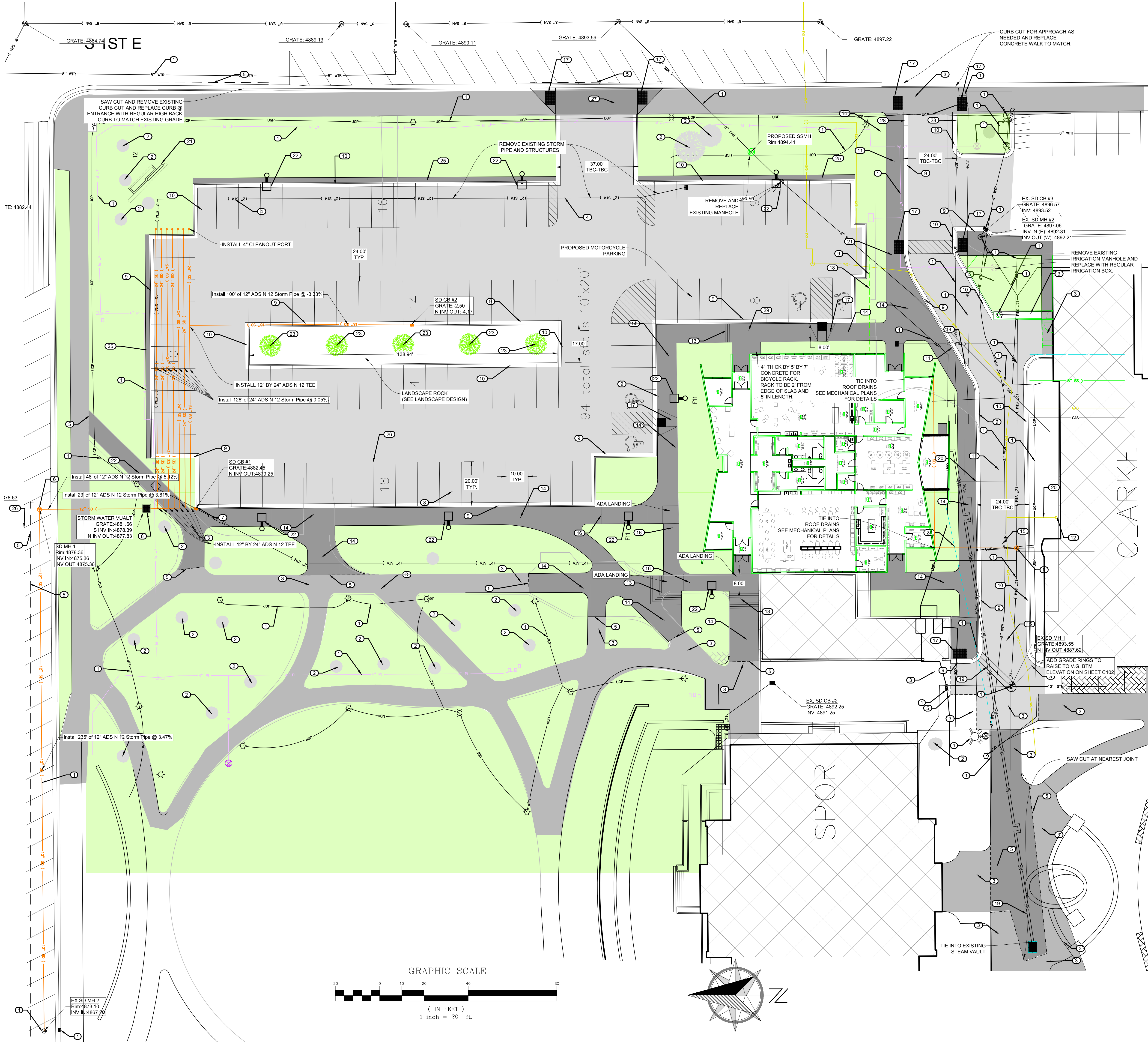
BUILDING VOLUME DIRECTED TO EXISTING BYU! STORM SYSTEM: 695 CU. FT.
PARKING LOT AREA DIRECTED TO THE CITY SYSTEM WITH SLOW RELEASE: 2,810 CU. FT.
TOTAL SITE VOLUME: 3,505 CU. FT.

S 1ST E

W 2ND S

CURB CUT FOR APPROACH AS NEEDED AND REPLACE CONCRETE WALK TO MATCH.





- ① 0101-01 RETAIN AND PROTECT EXISTING UTILITY
- ② 0101-02 RETAIN AND PROTECT EXISTING TREE
- ③ 0101-03 RETAIN AND PROTECT EXISTING ASPHALT AND CONCRETE
- ④ 0201.4.1.E.1-01 REMOVE EXISTING UTILITY
- ⑤ 0201.4.1.F.1-01 SAW CUT, REMOVE AND REPAIR OF EXISTING CONCRETE OR ASPHALT
- ⑥ 0602.4.1.A.1-01 INSTALL STORM DRAIN MANHOLE TYPE A PER ISPCW 612
- ⑦ 0602.4.1.F.1-01 INSTALL CATCH BASIN TYPE I PER ISPCW SD 601
- ⑧ 0602.4.1.B.1-02 INSTALL STORM VAULT WITH SLIDE GATE PER DETAIL ON SHEET C101
- ⑨ 0706.4.1.A.5-01 INSTALL STANDARD 6" CATCH CURB AND GUTTER PER ISPCW-701
- ⑩ 0706.4.1.A.5-02 INSTALL 6" LIP DOWN CURB AND GUTTER PER DETAIL ON SHEET C101
- ⑪ 0706.4.1.A.5-03 INSTALL 2.5' CATCH CURB AND GUTTER PER ISPCW 701
- ⑫ 2030.4.1.D.1-03 INSTALL GAS METER PER INTERMOUNTAIN GAS GUIDELINES
- ⑬ 0706.4.1.D.1-01 INSTALL CONCRETE STEPS REFER TO AE 502 DETAILS 2, 3, AND 5
- ⑭ 0706.4.1.E.1-04 INSTALL 4" CONCRETE SIDEWALK PER ISPCW SD-709 W/ HEAT MELT IN WALK SEE MECHANICAL PLANS FOR DETAILS
- ⑮ 0706.4.1.B.1-01 INSTALL 4" WIDE CONCRETE VALLEY GUTTER PER ISPCW SD 708
- ⑯ 0706.4.1.H.1-01 INSTALL CONCRETE PEDESTRIAN RAMP INCLUDING RAILING PER ADA STANDARD
- ⑰ 0706.4.1.H.1-02 INSTALL PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER ADA STANDARDS
- ⑱ 0504.4.1.B.1-04 INSTALL 4" SDR 35 SANITARY SEWER SERVICE @ 2%
- ⑲ 2030.4.1.D.1-01 INSTALL STEAM LINE. SEE MECHANICAL FOR DETAILS.
- ⑳ 2030.4.1.D.1-02 INSTALL GAS SERVICE LINE
- ㉑ 0706.4.1.A.6-01 INSTALL PRIVATE MONUMENT SIGN. SEE LANDSCAPE DESIGN.
- ㉒ 1102.4.1.A.1-01 INSTALL STREET LIGHT PER BYU-I STANDARDS SEE ELECTRICAL PLANS FOR DETAILS
- ㉓ 2050.4.1.A.1-01 INSTALL TREE SEE LANDSCAPE PLANS FOR DETAILS
- ㉔ 0404.4.1.A.1-02 INSTALL 2" WATER SERVICE AND INTERIOR METER PIT
- ㉕ 0706.4.1.E.1-02 INSTALL 2' WIDE CONCRETE APRON PER DETAIL ON SHEET C101
- ㉖ 1104.4.1.A.1-01 INSTALL PAVEMENT MARKINGS PER MUTCD STANDARDS
- ㉗ 0706.4.1.F.1-01 INSTALL APPROACH PER ISPCW SD710-B
- ㉘ 0706.4.1.A.5-05 INSTALL CURB TERMINUS PER ISPCW SD-707
- ㉙ 0706.4.1.E.1-08 INSTALL THICKENED EDGE CONCRETE SIDEWALK PER DETAIL ON SHEET C101

NOTE:

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4. ENSURE 18" MINIMUM VERTICAL CLEARANCE BETWEEN ALL POTABLE AND NON-POTABLE LINES ARE MET PER IDEQ.
5. ALL STRIPING TO BE INSTALLED PER MUTCD STANDARDS.
6. CONTRACTOR TO VERIFY A MIN. OF 24" PIT RUN FOR ASPHALT AREA.
7. ANY ASPHALT AND ROAD BASE AREA THAT IS REMOVED AND REPLACED WITH LANDSCAPE WILL NEED A MIN. OF 12" TOPSOIL FOR PLANTING.
8. ALL LANDSCAPE TP BE DONE PER THE LANDSCAPE PLAN.

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DOCUMENT STATUS		STATUS	DATE

REVISION SCHEDULE		DESCRIPTION	DATE
NO.			

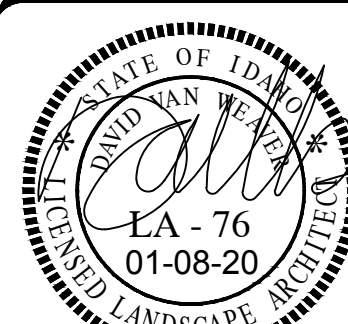
PROJECT NAME:
BRIGHAM YOUNG UNIVERSITY - IDAHO SPORI ANNEX

PROJECT NO.: 10569

SHEET NAME:
CIVIL UTILITY AND CONCRETE

SHEET NUMBER:
C103

Know what's below. Call before you dig.



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CHECKED BY:
WEAVER

DOCUMENT STATUS	STATUS	DATE
BID DOCUMENTS		11-27-19

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	REVISE NOTE TO L102	12-04-19
2	MIRROR BUILDING	12-10-19
3	CLARKE LANDSCAPING	01-08-20

PROJECT NAME:
BRIGHAM YOUNG UNIVERSITY - IDAHO SPORI ANNEX

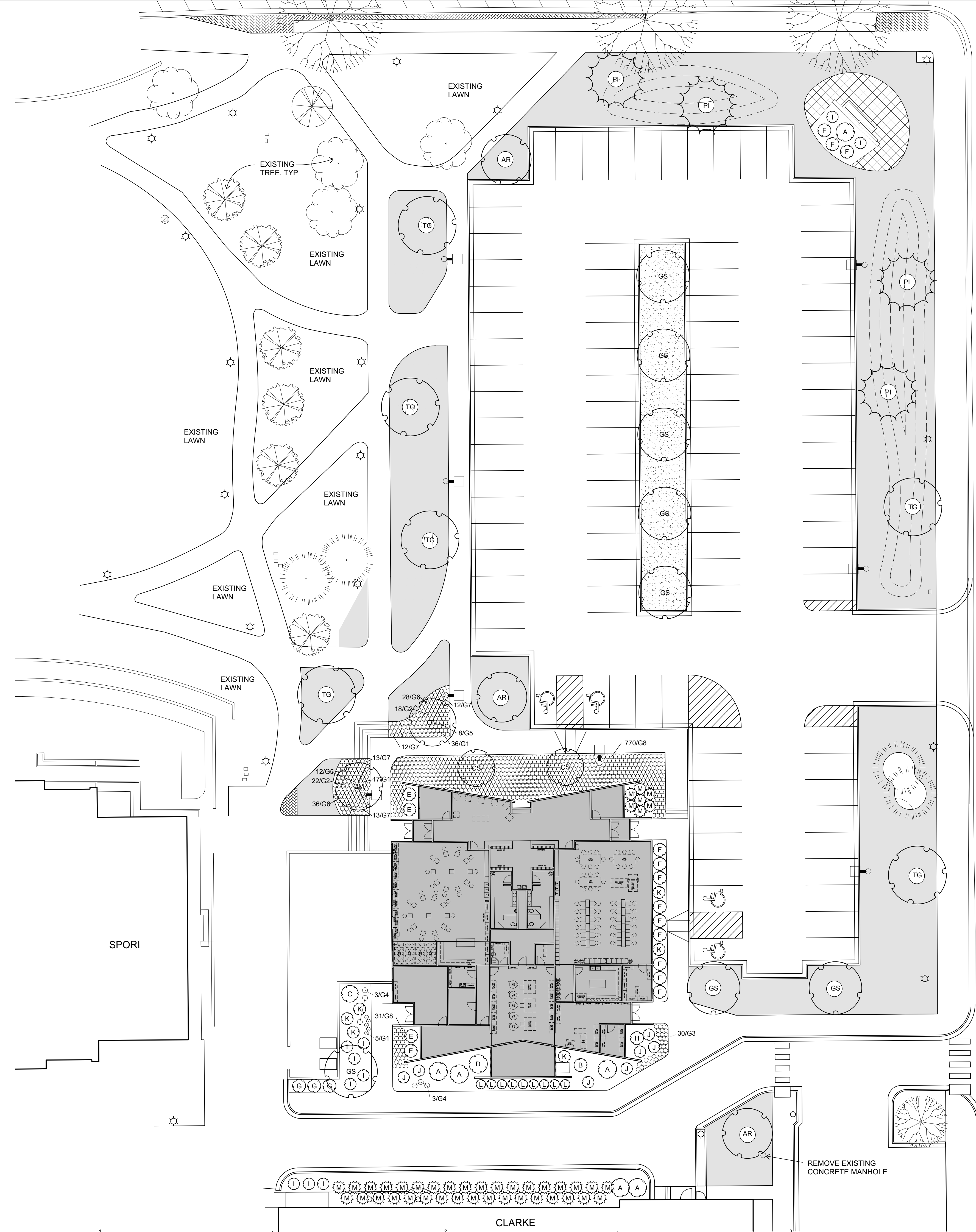
PROJECT NO.: 11513

BRIGHAM YOUNG UNIVERSITY - IDAHO
SPORI ANNEX

SHEET NAME:
Landscape Planting Plan

SHEET NUMBER:
L101

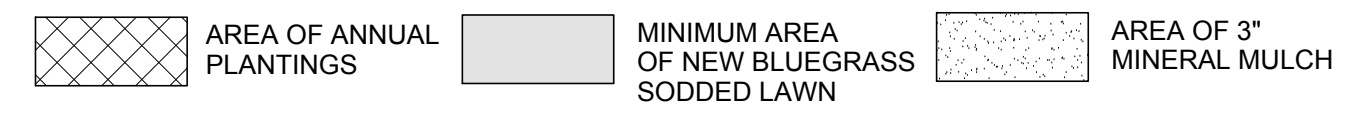
9 of 99 Total Sheets



NOTES:

- Annual plantings by owner; soil in planting area by contractor.
- Repair damage to existing lawns caused by construction. Use new topsoil and new bluegrass sodded lawn to repair damage. Use sod cutter to cut existing lawns and to form joint for patching with new sod.
- New sodded lawn shown shall be Kentucky Bluegrass sod.
- See site, mechanical, electrical and sprinkler plans for information about other work.
- Mineral mulch shall be equal to 1-1/4" - 1/12" Black and Tan available from Wolverine Mulch.

LEGEND



PLANT LIST

Quant	Key	Botanical Name	Common Name	Size
TREES				
3	AR	Acer rubrum 'Armstrong Gold'	Armstrong Gold Maple	2" B&B
2	CS	Crataegus x mordensis 'Snowbird'	Snowbird Hawthorne	2" B&B
8	GS	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	2" B&B
4	PI	Pinus nigra	Austrian Pine	6'-8" B&B
2	QM	Quercus x macrocarpa 'Heritage'	Heritage Bur Oak	2" B&B
6	TG	Tilia cordata 'Greenspire'	Greenspire Linden	2" B&B
SHRUBS				
6	A	Cornus alba 'Ivory Halo'	Variiegated Tatarian Dogwood	5 gal. 18-24"
1	B	Euonymus alata 'Compact'	Dwarf Winged Euonymus	5 gal. 18-24"
1	C	Forsythia x intermedia 'Spring Glory'	Double Play Forsythia	5 gal. 18-24"
1	D	Physocarpus opulifolius 'Diablo'	Diablo Ninebark	5 gal.
4	E	Rosa 'Double Red Knockout'	Double Red Knockout Rose	3 gal.
12	F	Rosa 'Double Pink Knockout'	Double Pink Knockout Rose	2 gal. 12-18"
3	G	Rosa 'Rainbow Knockout'	Rainbow Knockout Rose	2 gal. 12-18"
1	H	Rosa 'Sunny Knockout'	Sunny Knockout Rose	2 gal. 12-18"
10	I	Spiraea bumalda 'Anthony Waterer'	Anthony Waterer Spiraea	5 gal. 12-18"
7	J	Spiraea bumalda 'Gold Flame'	Gold Flame Spiraea	5 gal. 12-18"
6	K	Spiraea betulifolia 'Tor'	Tor Birchleaf Spiraea	5 gal. 12-18"
9	L	Spiraea media 'Blue Kazoo'	Blue Kazoo Spiraea	5 gal. 12-18"
42	M	Taxus x-media 'Dark Green Spreader'	Dark Green Spreading Yew	5 gal. 18-24"
GROUND COVER				
58	G1	Delphinium grandiflorum 'Summer Morning'	Summer Morning Delphinium	1 gal.
40	G2	Echinacea purpurea	Purple Coneflower	4" pot.
30	G3	Gaillardia x-grandiflora 'Arizona Sun'	Arizona Sun Blanket Flower	1 gal.
6	G4	Helictotrichon sempervirens 'Sapphire'	Sapphire Blue Oat Grass	1 gal.
20	G5	Penstemon 'Dark Towers'	Dark Towers Penstemon	1 gal.
64	G6	Salvia 'Fashionista Sweet Petite'	Sweet Petite Sage	1 gal.
50	G7	Veronica longifolia 'First Lady'	First Lady Speedwell	1 gal.
801	G8	Vinca minor	Dwarf Periwinkle	4" pot.

LANDSCAPE PLANTING PLAN 01-07-20
SCALE: 1" = 20'-0" - 24" x 36" sheet size





STATUS	DATE
BID DOCUMENTS	11-27-19

NO.	DESCRIPTION	DATE
1	REVISE NOTE 10 L 102	12-04-19
2	MIRROR BUILDING	12-10-19
3	CLARKE LANDSCAPING	01-08-20

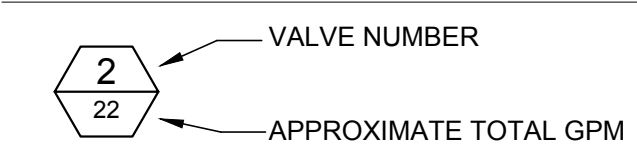
NOTES:

- Use only insert fittings for polyethylene pipe. Polyethylene pipe may be pulled.
- Install one pipe per sleeve, maximum. Install wiring in separate sleeve. Install three additional 4" sleeves at each new sleeve location.
- Mainline depth: 24", install 48" away from sidewalk. Notify landscape architect if obstructions are encountered.
- Install new control wiring which is not taped to new mainline in poly pipe conduit buried 12" deep, minimum. All splices shall be visible within a valve box.
- Install sleeves under existing concrete or asphalt by either cutting and patching to match or by boring. Tunneling or other methods which cause erosion not allowed.
- Install one control valve per valve box.
- Repair damage to existing lawns caused by construction. Use new topsoil and new bluegrass sodded lawn to repair damage. Use sod cutter to cut existing lawns and to form joint for patching with new sod.
- Repair damage to plantings caused by construction.
- See site, mechanical, electrical and landscape plans for information about other work.
- Owner shall winterize system using compressed air at the end of the first watering season and start the system the following spring.

HEAD SYMBOL LEGEND

KEY	HEAD	90°	180°	270°	360°
▲	TORO 570Z-4P-15-PC	0.70	1.34	2.00	2.50
⊙	TORO 570Z-4P-FB-PC-200				2.00
○	HUNTER PROS-04-PRS40-MP CORNER	0.39			
◇	HUNTER PROS-04-PRS40-MP2000	0.44	0.83	1.23	1.64
△	HUNTER PROS-04-PRS40-MP3000	0.96	2.04	3.06	4.07
○	HUNTER PROS-04-PRS40-MP3500	1.28	2.86		
■	HUNTER PROS-04-PRS40-04-MP SIDE OR END		0.25 END; 0.5 SIDE		

VALVE SYMBOL LEGEND

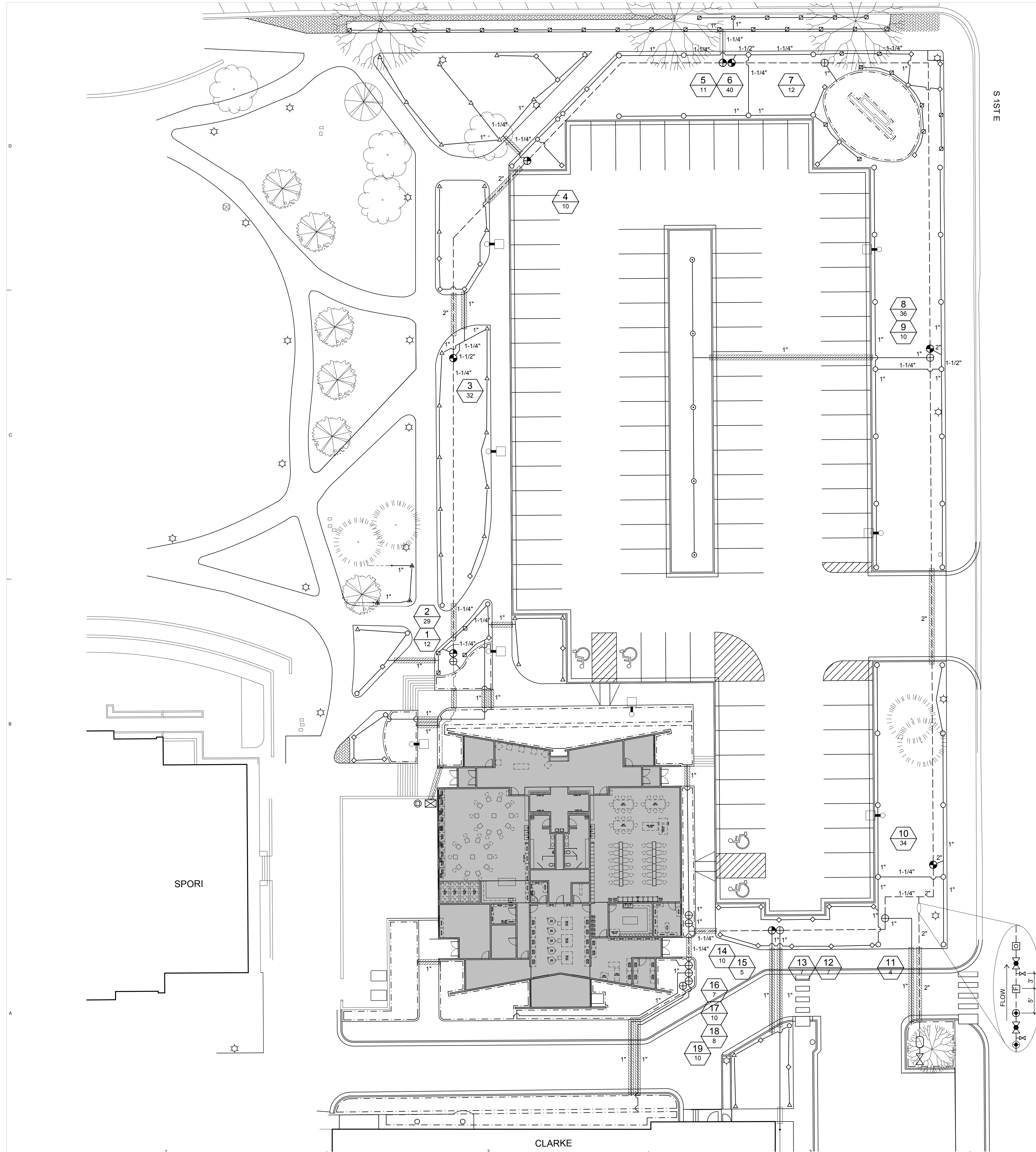
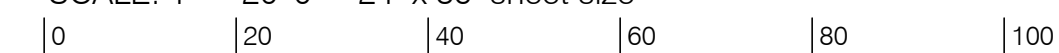


LEGEND

- ⊗ STOP VALVE EXISTING
- BACKFLOW PREVENTION DEVICE EXISTING
- ⊗ ISOLATION VALVE: BRASS GATE VALVE, SIZE TO MATCH MAINLINE.
- ⊕ NEW MASTER VALVE: TORO 220-26-68, 2" BRASS VALVE WITH IRRITROL SOLENOID
- ⊕ 3/4" BRASS MANUAL DRAIN ON MAINLINE
- ⊕ FLOW SENSOR: HUNTER HFS-FCT-150
- ⊕ BLOWOUT CONNECTION, SEE DETAIL VL103
- ⊕ 2" BRASS PRESSURE REDUCING VALVE
- ⊕ CONTROL VALVE: TORO 220-26-64, 1" BRASS PRESSURE REGULATED VALVE WITH IRRITROL SOLENOID AND HUNTER HFR-100-075-40 REGULATING FILTER
- ⊕ CONTROL VALVE: TORO 220-26-64, 1" BRASS PRESSURE REGULATED VALVE WITH IRRITROL SOLENOID
- ⊕ CONTROL VALVE: TORO 220-26-66, 1-1/2" BRASS PRESSURE REGULATED VALVE WITH IRRITROL SOLENOID
- ⊕ RAIN SENSOR: HUNTER WRC
- ⊕ CONTROLLER: HUNTER ACC2 METAL DECODER CONTROLLER
- - - NEW MAINLINE: 2" OR 1-1/4" AS SHOWN, SCHEDULE 40 PVC BURIED 24" DEEP. INSTALL DETECTABLE WARNING TAPE IN TRENCH 6" ABOVE PIPE.
- - - EXISTING MAINLINE: PVC SCHEDULE 40, SIZE 2", VERIFY LOCATION
- - - NEW LATERAL LINE: HDPE-3408, ASTM D2239, 100 PSI, SIDR 15 POLYETHYLENE CONTROLLED INSIDE DIAMETER PIPE.
- - - EXISTING LATERAL LINE AND HEAD (HEADS NOT ALL SHOWN)
- - - CONNECT NEW MAINLINE TO EXISTING MAINLINE
- - - CONNECT NEW LATERAL LINE TO EXISTING LATERAL LINE. MATCH EXISTING LINE SIZE.
- ▨ NEW SLEEVE OR SLEEVES FOR LINES AND/OR WIRING. SIZES SHOWN ARE PIPE SIZES. SLEEVE SIZE SHALL BE A MINIMUM OF TWO SIZES LARGER THAN PIPE SIZE. SEE NOTES.
- - - APPROXIMATE LOCATION OF EXISTING SLEEVE
- - - AREA OF NETAFIM TLDL9-12-0.9 GPH DRIPLINE. SPACE LINES 8" FROM EDGES, OR AS SHOWN, AND 16" O.C. INSTALL WITH NETAFIM TLS-6 SOIL STAPLES.
- - - ROUTE OF BURIED 1-1/4" CONDUIT FOR CONTROL WIRING FROM CONTROLLER TO MAINLINE

SPRINKLER IRRIGATION PLAN

SCALE: 1" = 20'-0" - 24" x 36" sheet size



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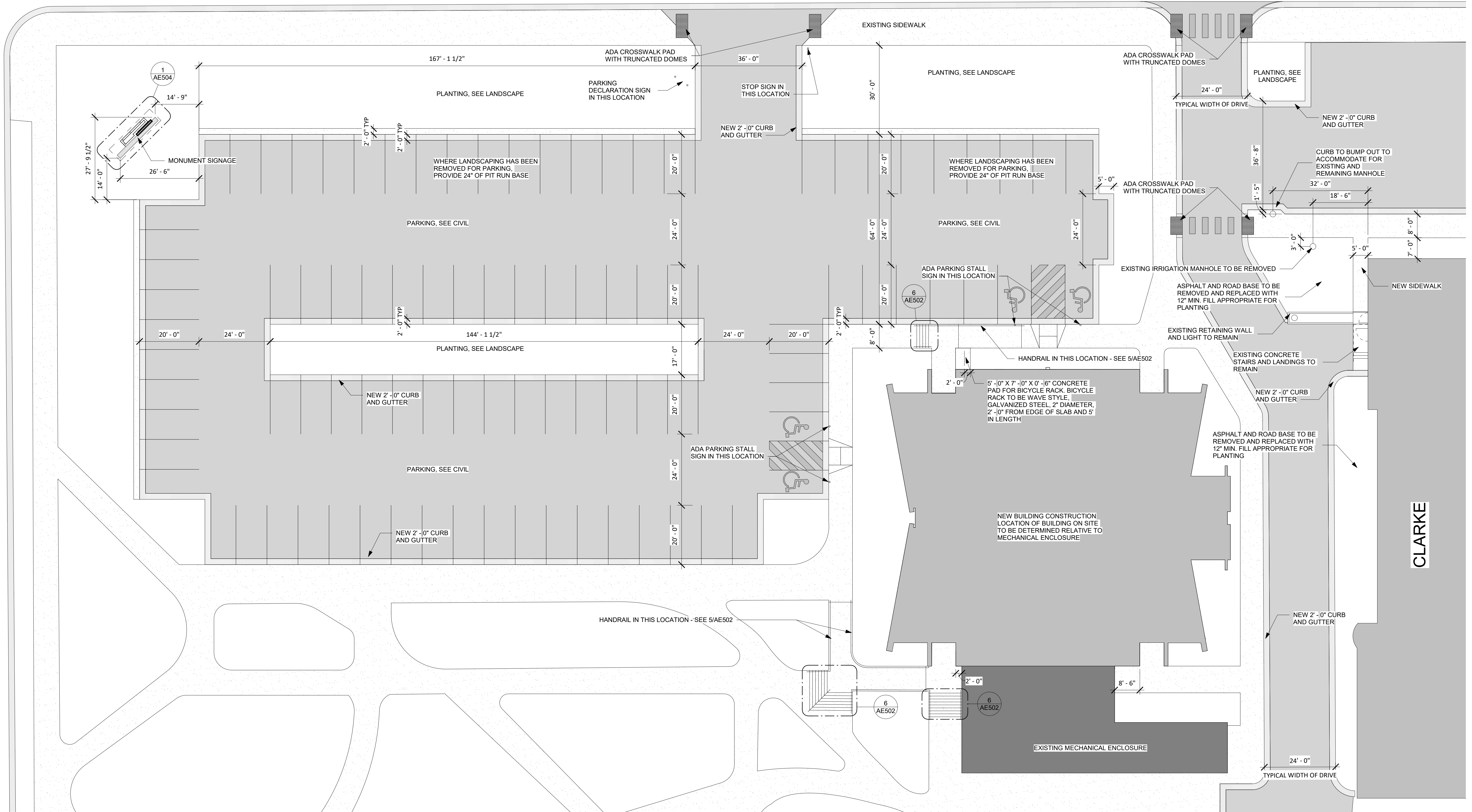
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STATUS	DATE
BID DOCUMENTS	11/27/2019

NO.	DESCRIPTION	DATE

FIRST EAST

SECOND SOUTH

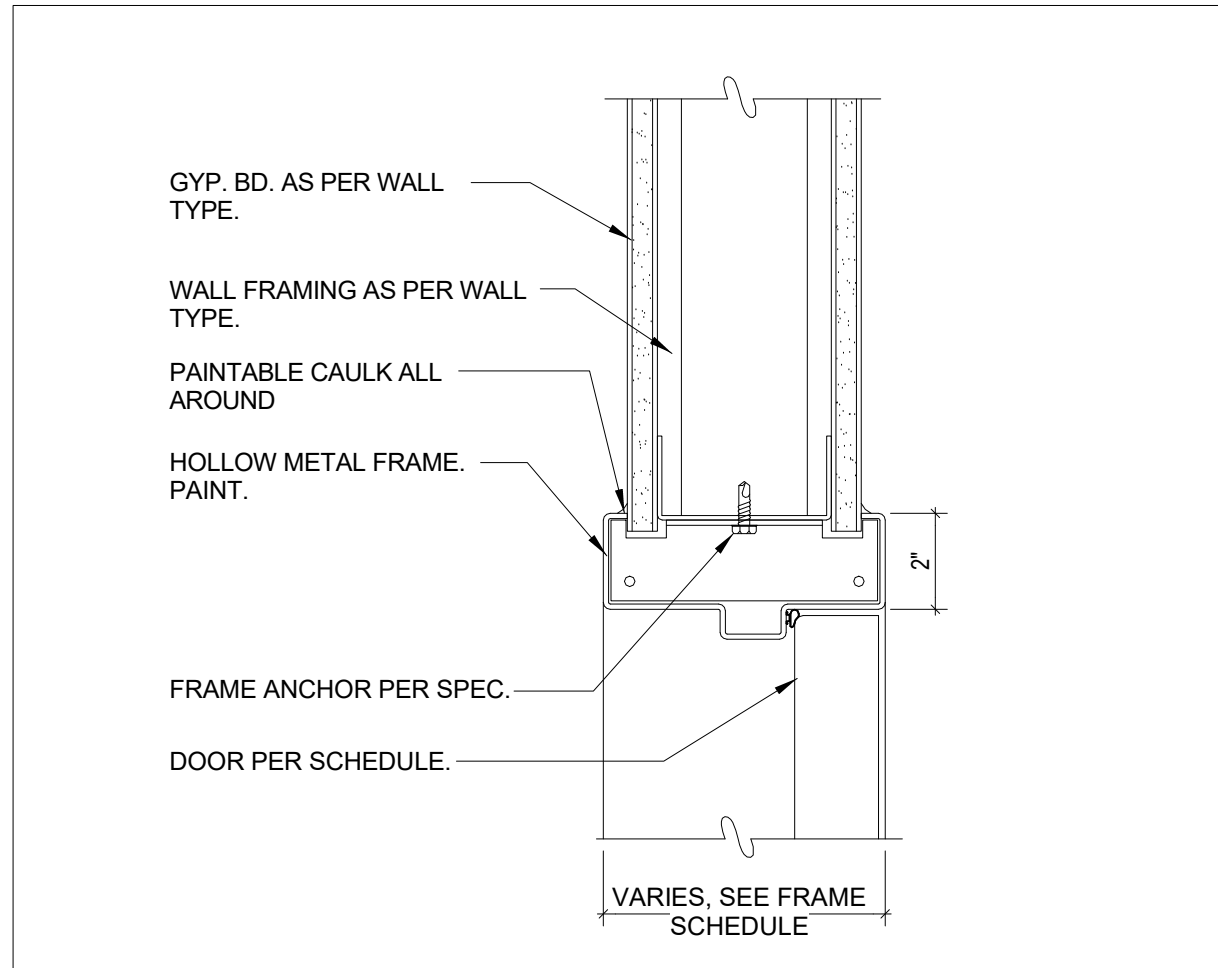


1 SITE PLAN

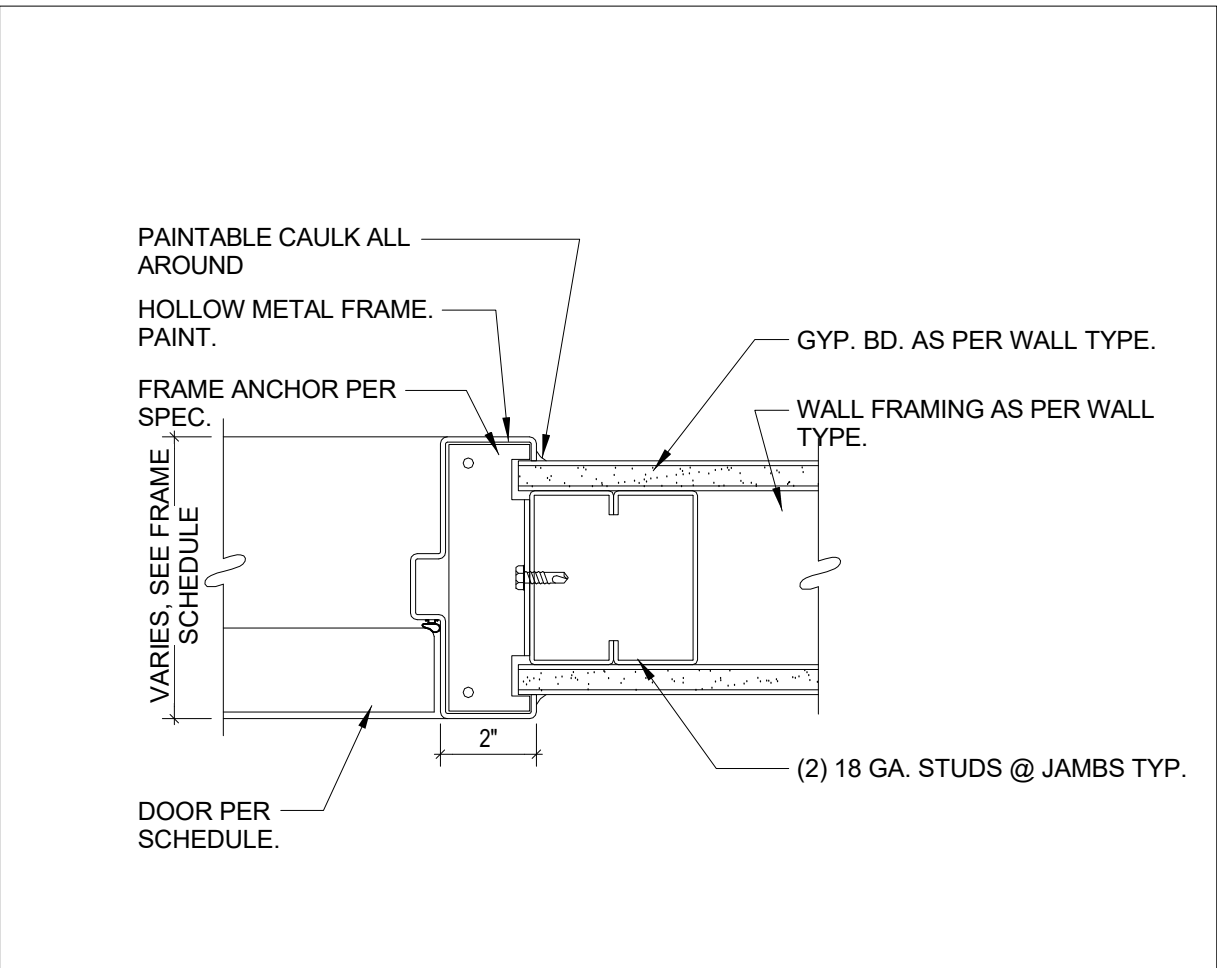
SCALE: 1/16" = 1'-0"

GENERAL NOTES

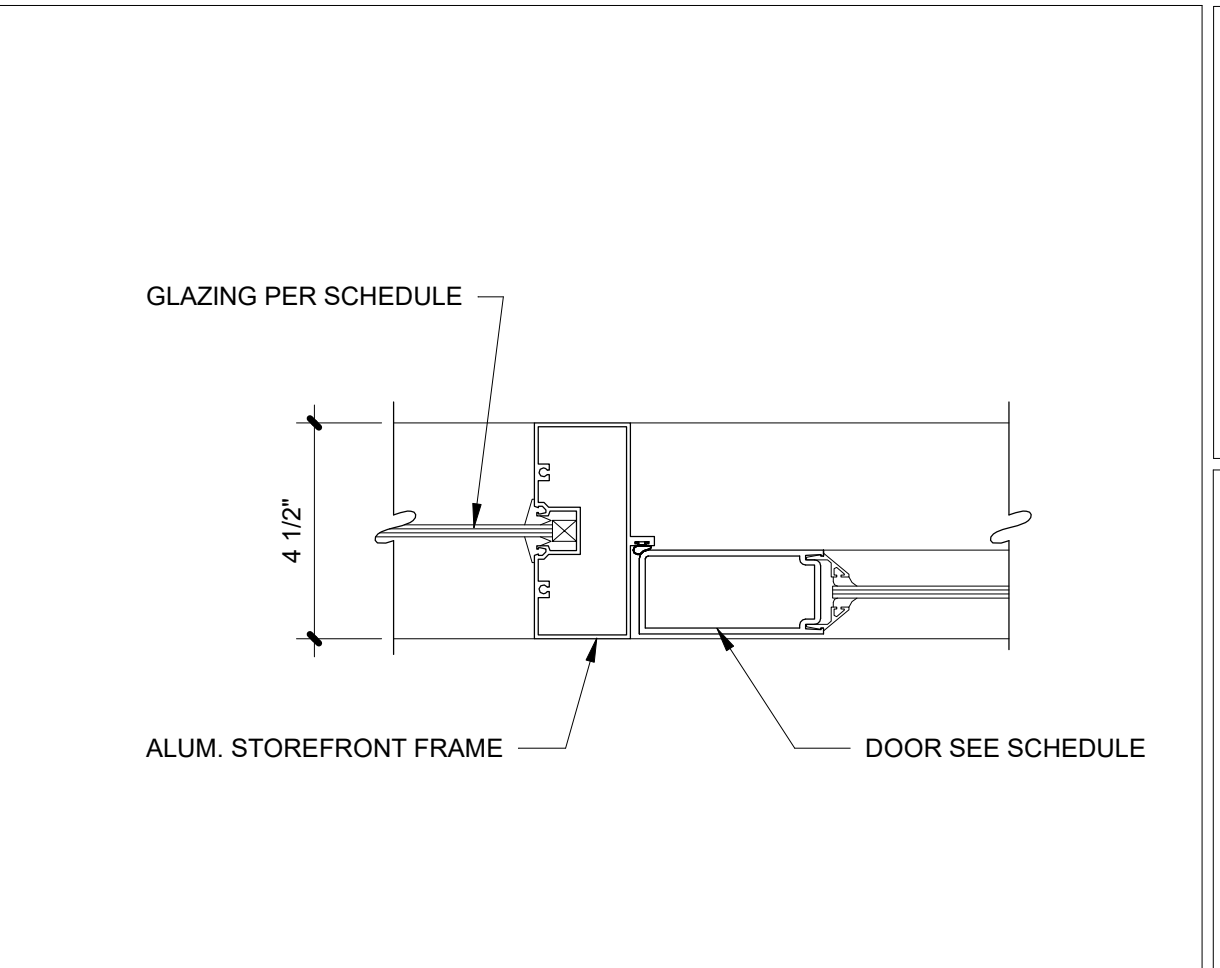
1. ALL DIMENSIONS ARE FROM THE FACE OF FRAMING U.N.O.
2. HINGE SIDE OF DOORS ARE SIX INCHES (6") FROM ADJACENT WALL U.N.O.
3. WALLS EXTEND TO THE BOTTOM OF ROOF DECK ABOVE FINISH AROUND ROOF JOISTS, MECHANICAL, ELECTRICAL, ETC. U.N.O.
4. VERIFY EXISTING CONDITIONS AND DIMENSIONS



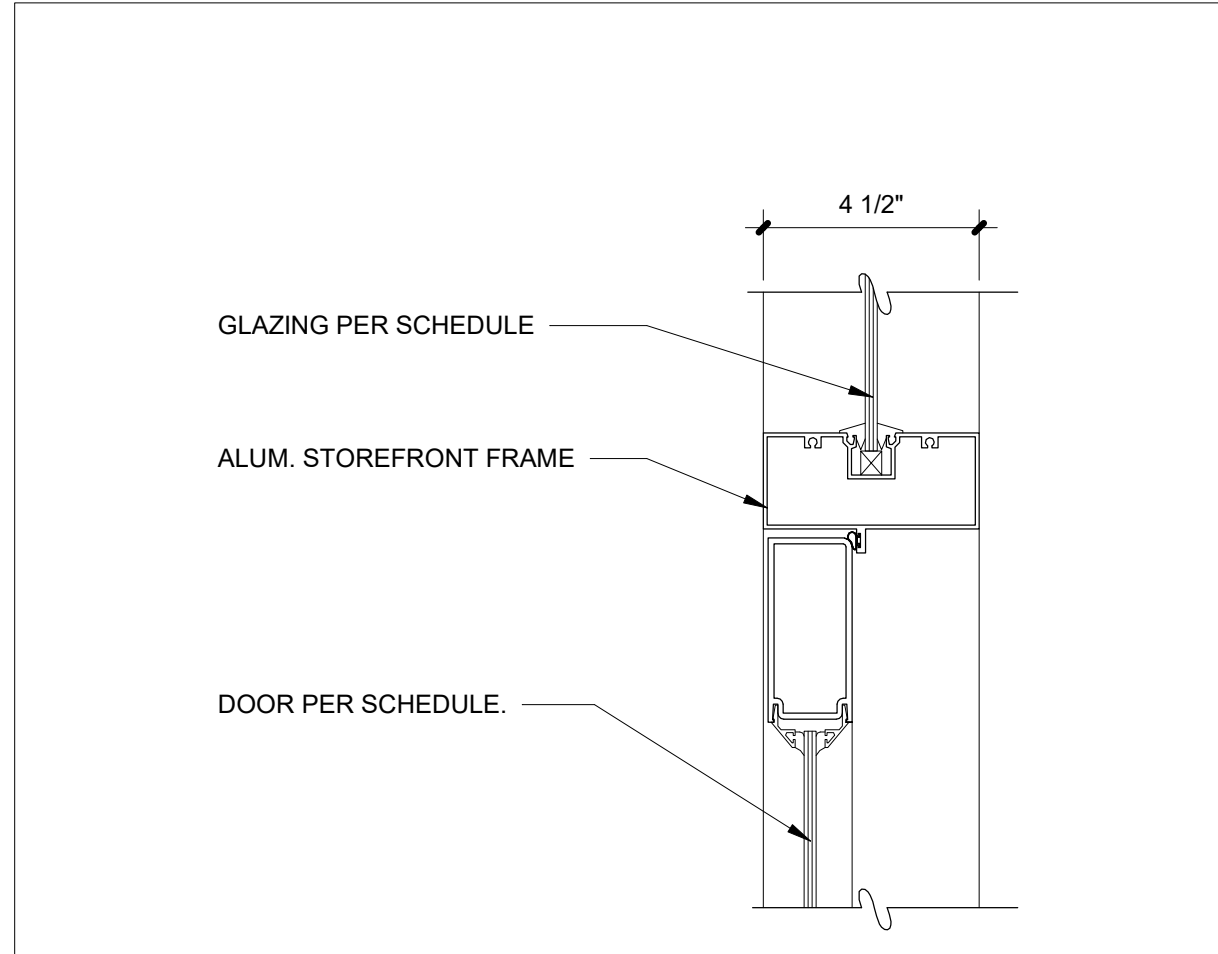
3 DOOR HEADER @ HOLLOW METAL SCALE: 3" = 1'-0"



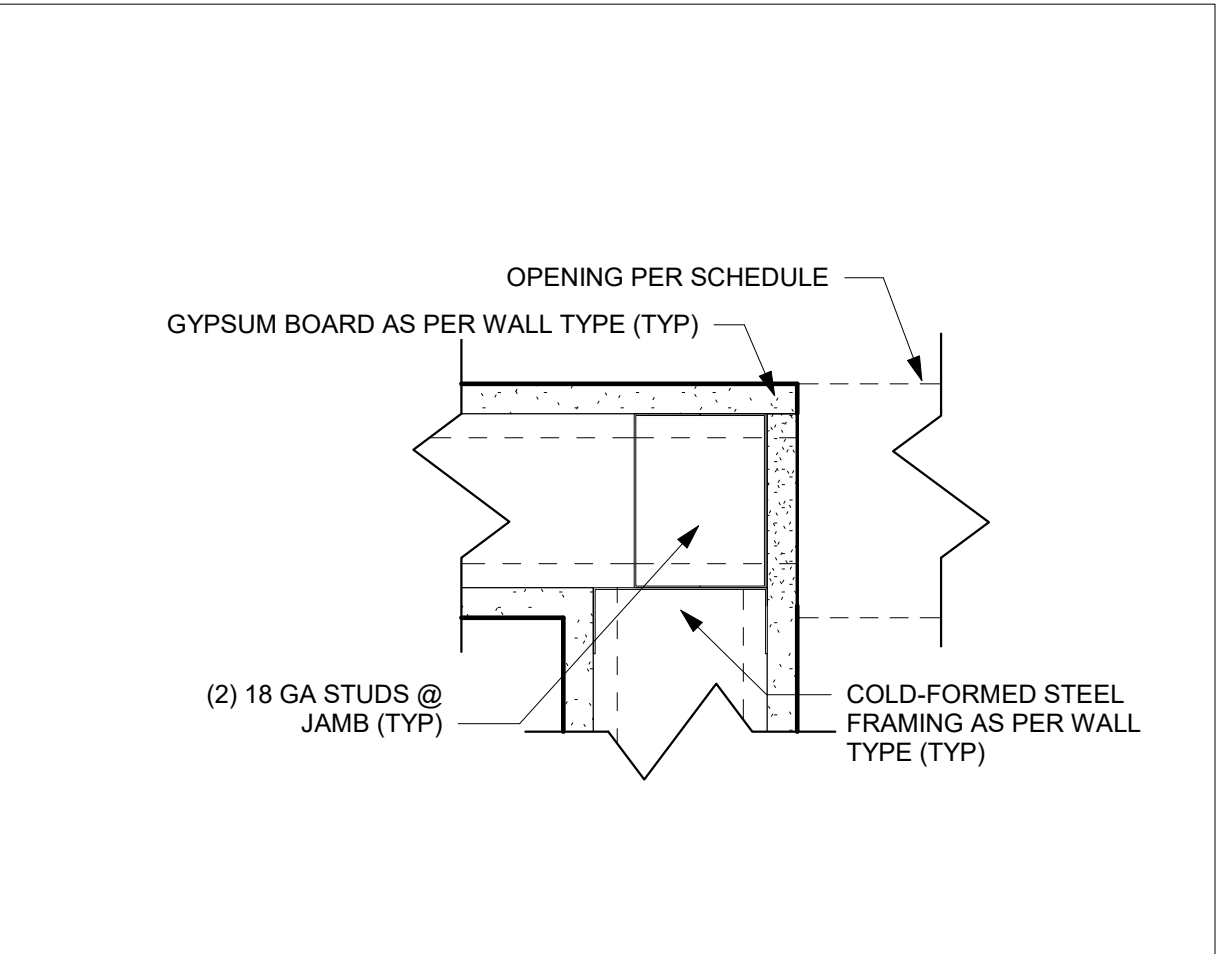
4 DOOR JAMB @ HOLLOW METAL SCALE: 3" = 1'-0"



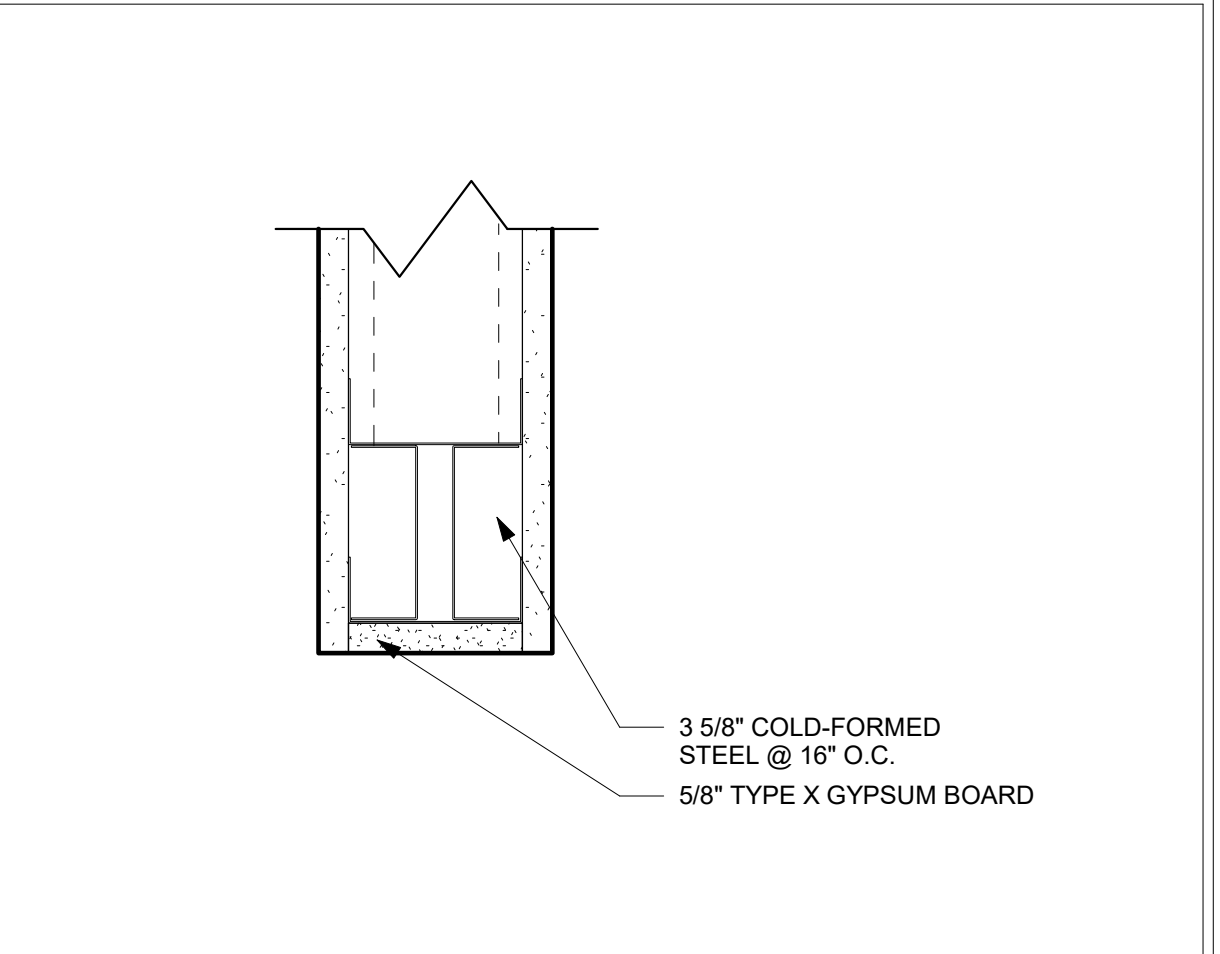
5 DOOR JAMB @ STOREFRONT SCALE: 3" = 1'-0"



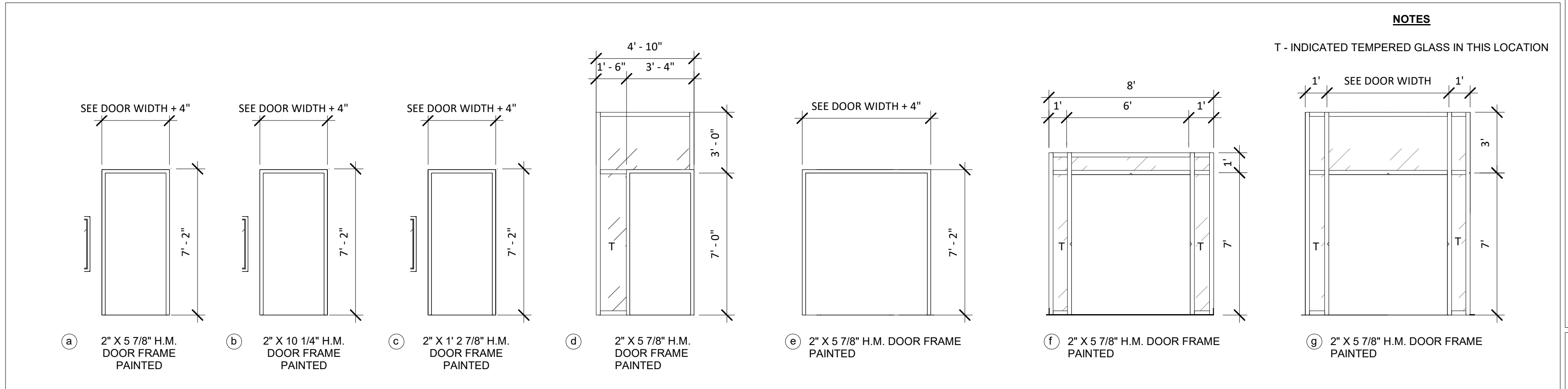
6 DOOR HEADER @ STOREFRONT SCALE: 3" = 1'-0"



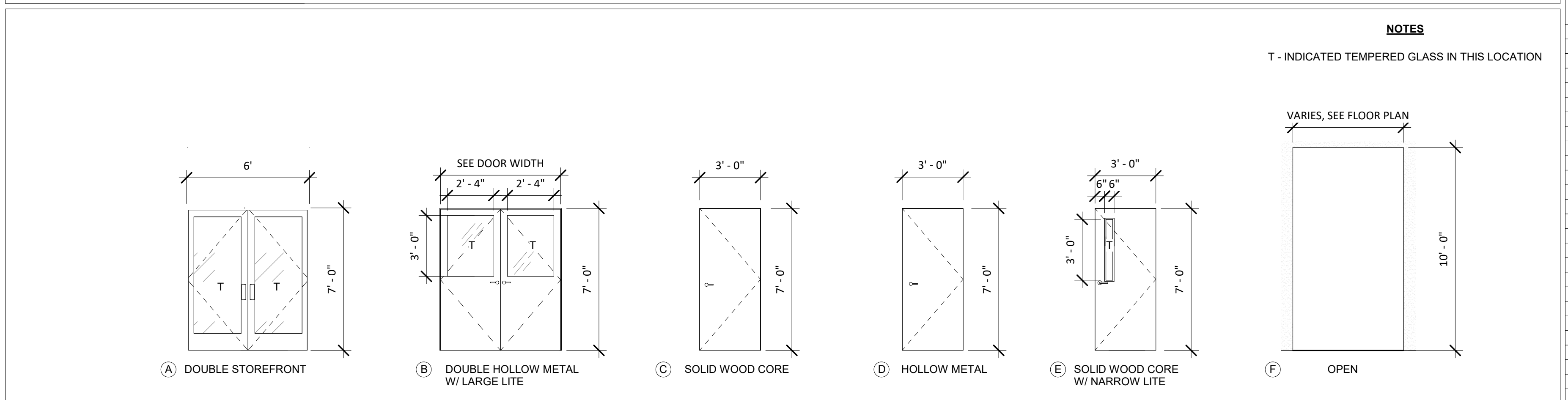
7 OPENING JAMB SCALE: 3" = 1'-0"



8 OPENING HEADER SCALE: 3" = 1'-0"



2 DOOR FRAME SCHEDULE SCALE: 1/4" = 1'-0"



1 DOOR TYPE SCHEDULE SCALE: 1/4" = 1'-0"

GENERAL NOTES

- ALL DIMENSIONS ARE FROM THE FACE OF FRAMING U.N.O.
- HINGE SIDE OF DOORS ARE SIX INCHES (6") FROM ADJACENT IN WALL U.N.O.
- WALLS EXTEND TO THE BOTTOM OF ROOF DECK ABOVE. FINISH AROUND ROOF JOISTS, MECHANICAL, ELECTRICAL, ETC. U.N.O.

Door Hardware Schedule				Door Hardware Schedule			
HW SET: 01	6 EA HINGE	5BB1HW 4.5 X 4.5 NRP	630 IVE	HW SET: 06	3 EA HINGE	5BB1 4.5 X 4.5 NRP	652 IVE
	2 EA POWER TRANSFER	EPT10	689 VON		1 EA CORRIDOR LOCK	ND73JD RHO	626 SCH
	1 EA REMOVABLE MULLION	KR4954 STAB	689 VON		1 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH
	1 EA ELEC PANIC HARDWARE	RX-QEL-98-EO 24 VDC	626 VON		1 EA SURFACE CLOSER	4040XP HCUSH MC TBWMS	689 LCN
	1 EA ELEC PANIC HARDWARE	RX-QEL-98-NL-OP-110MD 24 VDC	626 VON		1 EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE
	1 EA FSIC MORTISE CYL HOUSING	20-059 (MULLION)	626 SCH		1 EA WALL STOP	WS406/407CCV	630 IVE
	1 EA RIM HOUSING	20-079	626 SCH		1 EA GASKETING	488SBK PSA	BK ZER
	2 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH	HW SET: 07	3 EA HINGE	5BB1 4.5 X 4.5 NRP	652 IVE
	2 EA LONG DOOR PULL	9264F 36" 20" STD	630 IVE		1 EA POWER TRANSFER	EPT10	689 VON
	2 EA SURFACE CLOSER	4040XP SCUSH MC TBWMS	689 LCN		1 EA ELEC CLASSROOM LOCK	AD-300-CY-70-MTK-RHO-J 12/24 VDC (BY INTERGRATOR)	626 SCE
	1 EA PA MOUNTING PLATE	4040XP-18PA	689 LCN		1 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH
	2 EA 6TH SCREW SUPPORT	4040XP-30	689 LCN		1 EA SURFACE CLOSER	4040XP EDAMC	689 LCN
	1 EA ACTUATOR WALL MOUNT	8310-853	630 LCN		1 EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE
	1 EA GASKETING	429AA-S	AA ZER		1 EA WALL STOP	WS406/407CCV	630 IVE
	1 EA MULLION SEAL	8780NBK PSA	BK ZER		1 EA GASKETING	488SBK PSA (DOOR 110B, 119B, 119C ONLY)	BK ZER
	2 EA DOOR SWEEP	39A	A ZER	HW SET: 08	3 EA HINGE	5BB1 4.5 X 4.5 NRP (OR AS REQ'D BY FRAME)	652 IVE
	1 EA THRESHOLD	655A-223	A ZER		1 EA STOREROOM LOCK	ND80JD RHO	626 SCH
	1 EA CREDENTIAL READER	BY DIV 28	B/O		1 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH
	2 EA DOOR CONTACT	679-05HM	BLK SCE		1 EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE
	1 EA POWER SUPPLY	PS902 900-2RS 120/240 VAC	VON		3 EA SILENCER	SR64 (OR AS REQ'D BY FRAME)	GRY IVE
HW SET: 02	3 EA HINGE	5BB1 4.5 X 4.5 NRP	652 IVE	HW SET: A1	2 EA CONT. HINGE	112HD EPT	628 IVE
	1 EA POWER TRANSFER	EPT10	689 VON		2 EA POWER TRANSFER	EPT10	689 VON
	1 EA ELEC CLASSROOM LOCK	AD-300-CY-70-MTK-RHO-J 12/24 VDC (BY INTERGRATOR)	626 SCE		1 EA REMOVABLE MULLION	KR4954 STAB	689 VON
	1 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH		1 EA ELEC PANIC HARDWARE	LX-RX-QEL-98-NL-OP-110MD 24 VDC	626 VON
	1 EA SURFACE CLOSER	4040XP SCUSH MC TBWMS	689 LCN		1 EA ELEC PANIC HARDWARE	RX-QEL-98-EO 24 VDC	626 VON
	1 EA WALL STOP	FS18S (TO BE MOUNTED ON WALL)	BLK IVE		1 EA FSIC MORTISE CYL HOUSING	20-059 (MULLION)	626 SCH
	1 EA GASKETING	429AA-S	AA ZER		1 EA RIM HOUSING	20-079	626 SCH
	1 EA DOOR SWEEP	39A	A ZER		2 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH
	1 EA THRESHOLD	655A-223	A ZER		1 EA LONG DOOR PULL	9264F 36" 20" STD	630 IVE
	1 EA PANEL INTERFACE	BY DIV 28 (BY INTERGRATOR)	B/O		2 EA OH STOP	100S ADJ	630 GLY
	1 EA POWER SUPPLY	BY DIV 28	B/O		1 EA SURFACE CLOSER	4040XP EDAM/62G MC	689 LCN
HW SET: 03	3 EA HINGE	5BB1HW 4.5 X 4.5 NRP	652 IVE		1 EA SURF. AUTO OPERATOR	4642 CS WMS 120 VAC	689 LCN
	1 EA CLASSROOM DEADBOLT	B683J	626 SCH		1 EA PA MOUNTING PLATE	4040XP-18PA	689 LCN
	1 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH		1 EA PA MOUNTING PLATE	4040XP-30	689 LCN
	1 EA PUSH PLATE	8200 6" X 16" CFC	630 IVE		1 EA 5TH SCREW SUPPORT	8310-818 (VESTIBULE PUSH SIDE MULLION)	689 LCN
	1 EA PULL PLATE	8305 8" 6" X 16" CFC	630 IVE		1 EA ACTUATOR, JAMB MOUNT	8310-853	630 LCN
	1 EA SURFACE CLOSER	4040XP MC	689 LCN		1 EA ACTUATOR, WALL MOUNT	8310-853	630 LCN
	1 EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE		1 EA PERIMETER SEAL	DOOR MFG STD	B/O
	1 EA WALL STOP	WS406/407CCV	630 IVE		1 EA THRESHOLD	DOOR MFT STD	689 B/O
	1 EA GASKETING	488SBK PSA	BK ZER		1 EA CREDENTIAL READER	BY DIV 28	B/O
HW SET: 04	3 EA HINGE	5BB1 4.5 X 4.5 NRP (OR AS REQ'D BY FRAME)	652 IVE		2 EA DOOR CONTACT	679-05HM	BLK SCE
	1 EA PASSAGE SET	ND10S RHO	626AM SCH		1 EA POWER SUPPLY	PS902 900-2RS 120/240 VAC	VON
	1 EA WALL STOP	WS406/407CCV	630 IVE	HW SET: B1	2 EA CONT. HINGE	112HD	628 IVE
	3 EA SILENCER	SR64 (OR AS REQ'D BY FRAME)	GRY IVE		2 EA DUMMY PUSH BAR	350	626 VON
HW SET: 04.1	3 EA HINGE	5BB1 4.5 X 4.5 NRP (OR AS REQ'D BY FRAME)	652 IVE		2 EA LONG DOOR PULL	9264F 36" 20" STD	630 IVE
	1 EA PASSAGE SET	ND10S RHO	626AM SCH		2 EA OH STOP	100S ADJ	630 GLY
	1 EA SURFACE CLOSER	4040XP EDAMC	689 LCN		1 EA SURFACE CLOSER	4040XP EDAM/62G MC	689 LCN
	1 EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE		1 EA SURF. AUTO OPERATOR	4642 CS WMS 120 VAC	689 LCN
	1 EA WALL STOP	WS406/407CCV	630 IVE		1 EA PA MOUNTING PLATE	4040XP-18PA	689 LCN
	1 EA GASKETING	488SBK PSA	BK ZER		1 EA 5TH SCREW SUPPORT	4040XP-30	689 LCN
HW SET: 05	3 EA HINGE	5BB1 4.5 X 4.5 NRP	652 IVE		2 EA ACTUATOR, WALL MOUNT	8310-818 (VESTIBULE PUSH SIDE MULLION)	689 LCN
	1 EA ENTRANCE LOCK	ND53JD RHO	626 SCH		1 EA PERIMETER SEAL	DOOR MFG STD	B/O
	1 EA FSIC PERMANENT CORE EV 29	23-030	626 SCH				
	1 EA WALL STOP	WS406/407CCV	630 IVE				
	1 EA GASKETING	488SBK PSA	BK ZER				



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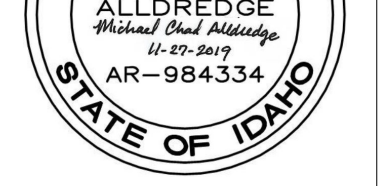
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DOCUMENT STATUS		DATE
BID DOCUMENTS	STATUS	11/27/2019

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

PROJECT NAME:
BRIGHAM YOUNG UNIVERSITY - IDAHO SPORI ANNEX

PROJECT NO: 11513

SHEET NAME:
DOOR SCHEDULE & DETAILS

SHEET NUMBER:
AE602

PLAN NOTES:

- 1 PROVIDE AND INSTALL NEW HORIZONTAL FAN COIL AS SPECIFIED, COMPLETE WITH DX COOLING COIL AND 2" HIGH SHEET METAL DRAIN PAN. SUPPORT FROM ROOF STRUCTURE. COORDINATE WITH PIPING AND BUILDING STRUCTURE. REFER TO HORIZONTAL FAN COIL PIPING DETAIL, BM3.1 FOR TYPICAL INSTALLATION AND PIPING CONNECTIONS.
- 2 PROVIDE AND INSTALL NEW VERTICAL FAN COIL AS SPECIFIED, COMPLETE WITH DX COOLING COIL. MOUNT UNIT ON 14" HIGH RETURN AIR PLENUM BASE. REFER TO DETAIL, BM3.1 FOR PLENUM BASE CONSTRUCTION AND TO TYPICAL FAN COIL PIPING DIAGRAM, AM3.1 FOR TYPICAL INSTALLATION AND PIPING CONNECTIONS.
- 3 RISE REFRIGERANT LINES UP THRU ROOF IN 6" ROUND PIPE WITH GOOSENECK ABOVE ROOF. REFER TO PIPING THRU ROOF DETAIL, CM3.1 FOR TYPICAL INSTALLATION.
- 4 PROVIDE AND INSTALL FAN COIL UNIT AS SPECIFIED. MOUNT UNIT ON WALL OR IN CEILING AS CALLED OUT IN EQUIPMENT SCHEDULE. CEILING MOUNTED UNITS TO BE COMPLETE WITH CONDENSATE PUMP. RISE 3/4" CONDENSATE DRAIN LINE UP WITH OTHER PIPING AND RUN AS SHOWN ON SHEET P1.1. WALL MOUNTED UNIT TO DROP 3/4" CONDENSATE DRAIN LINE DOWN IN MECHANICAL ROOM AND TERMINATE AT FLOOR DRAIN. REFER TO REFRIGERANT PIPING DIAGRAM, FM3.1 FOR TYPICAL PIPING CONNECTIONS.
- 5 ROUND SPIRAL DUCTWORK IN CLASSROOMS TO BE EXPOSED. COORDINATE ACTUAL LOCATIONS WITH WALLS AND ROOF JOISTS. PROVIDE DUCT MOUNTED SUPPLY REGISTERS AS SPECIFIED. REFER TO IN-DUCT DIFFUSER DETAIL, KM3.1 AND SIDEWALL REGISTER DETAIL, NM3.1 FOR TYPICAL DIFFUSER INSTALLATIONS.
- 6 PROVIDE AND INSTALL CEILING MOUNTED EXHAUST FAN AS SPECIFIED. MOUNT FAN ON MEZZANINE DECK. FAN TO HAVE DUCT EXTENSION AS REQUIRED TO PENETRATE THRU MEZZANINE FLOOR AND CONNECT TO CEILING GRILLE. CONNECT 8" ROUND DUCT TO 8" DUCT THRU ROOF. REFER TO EXHAUST DETAIL, CM3.1 FOR TYPICAL INSTALLATION OF EXHAUST FAN AND EXHAUST VENT THRU ROOF.
- 7 PROVIDE AND INSTALL NEW ROOF MOUNTED EXHAUST FAN AS SPECIFIED. MOUNT FAN ON ROOF CURB. COORDINATE FAN LOCATION WITH ROOF JOISTS. DROP DUCT DOWN THRU ROOF AND CONNECT TO EXHAUST GRILLE, JUST BELOW ROOF DECK. REFER TO ROOF MOUNTED EXHAUST FAN DETAIL, MM3.1 FOR TYPICAL INSTALLATION.
- 8 PROVIDE AND INSTALL CUSTOM FIELD CANOPY HOOD OVER KILN. HOOD TO FIT SPACE AVAILABLE. ADJUST CORNERS AS REQUIRED. MOUNT HOOD AT 6'-9" ABOVE FLOOR. REFER TO DETAIL, CM3.2 FOR TYPICAL HOOD CONSTRUCTION.
- 9 PROVIDE AND INSTALL NEW ROOF MOUNTED EXHAUST FAN AS SPECIFIED. MOUNT FAN ON ROOF CURB. COORDINATE FAN LOCATION WITH ROOF JOISTS. DROP ROUND DUCT DOWN THRU ROOF AND CONNECT TO CANOPY HOOD. FAN CONTROLS TO BE MOUNTED ON HOOD. REFER TO CANOPY HOOD DETAIL, CM3.2 FOR TYPICAL INSTALLATION.
- 10 PROVIDE AND INSTALL SAW DUST COLLECTOR AS SPECIFIED WITH HOPPER BOTTOM AND COLLECTION BARRELS. PROVIDE FLEXIBLE DUCT AND BARREL LID. REFER TO DETAIL, EM3.2 FOR TYPICAL INSTALLATION AND DUCT CONNECTIONS.
- 11 DROP DUCT DOWN AND CONNECT TO EQUIPMENT AS SHOWN. REFER TO DETAILS DM3.2 AND EM3.2 FOR TYPICAL DUCT CONNECTION. PROVIDE BLAST GATE IN DUCT AT EACH DROP LOCATION. CONTRACTOR TO FIELD COORDINATE DUCT DROPS WITH ACTUAL EQUIPMENT LOCATIONS.
- 12 PROVIDE AND INSTALL CANOPY HOODS AS CALLED OUT OVER CERAMIC KILNS OR SPRAY BOOTH. MOUNT HOOD AT 6'-9" ABOVE FLOOR. MULTIPLE HOODS TO BE BUTTED UP TO EACH OTHER TO MAKE 18'-0" WIDE BY 18'-0" LONG HOOD. REFER TO DETAIL, CM3.2 FOR TYPICAL CONSTRUCTION AND INSTALLATION. SUPPORT FROM ROOF STRUCTURE.
- 13 PROVIDE 12" ROUND DUCT IN HOOD DIRECTLY OVER EACH KILN. RISE UP AND CONNECT TO EXHAUST DUCT ABOVE. PROVIDE BALANCING DAMPER IN EACH 12" ROUND DROP. BALANCE DUCTS OVER LARGE KILNS TO 600 CFM EACH AND DUCTS OVER SMALLER KILNS TO 400 CFM EACH. REFER TO HOOD DETAIL, CM3.2 FOR TYPICAL INSTALLATION OF HOOD AND 12" ROUND DROPS.
- 14 PROVIDE AND INSTALL NEW IN-LINE EXHAUST FAN AS SPECIFIED. MOUNT IN LINE WITH EXHAUST DUCT. EXTEND DISCHARGE DUCT THRU EXTERIOR WALL AND RISE UP TO WEATHER CAP LOCATED ABOVE ROOF.
- 15 DROP 8" DIA. OUTSIDE AIR DUCT DOWN AND CONNECT TO RETURN AIR DUCT AT CORRESPONDING HORIZONTAL FAN COIL UNIT. PROVIDE MANUAL BALANCING DAMPER AND MOTORIZED DAMPER IN DUCT. BALANCE TO 200 CFM MAXIMUM AND INTERLOCK MOTORIZED DAMPER WITH FAN COIL. REFER TO DETAIL, LM3.1 FOR TYPICAL DAMPER INSTALLATION.
- 16 DROP 8" DIA. OUTSIDE AIR DUCT DOWN AND CONNECT TO TOP OF RETURN AIR PLENUM AT CORRESPONDING VERTICAL FAN COIL UNIT. PROVIDE MANUAL BALANCING DAMPER AND MOTORIZED DAMPER IN DUCT. BALANCE TO 200 CFM MAXIMUM AND INTERLOCK MOTORIZED DAMPER WITH FAN COIL. REFER TO DETAIL, LM3.1 FOR TYPICAL DAMPER INSTALLATION.
- 17 RISE 18" DIA. OUTSIDE AIR DUCT UP THRU ROOF TO GOOSENECK. REFER TO SHEET M1.2 FOR CONTINUATION AND TO DETAIL, CM3.1 FOR TYPICAL GOOSENECK INSTALLATION.
- 18 ADD DUCT SMOKE DETECTOR TO UNIT FOR SHUT-DOWN.
- 19 RELOCATE TRANSFER GRILLE TO THIS LOCATION.
- 20 ADD SMOKE DAMPER TO THIS TRANSFER GRILLE. WITH CEILING SMOKE DETECTOR EACH SIDE WITH IN 3' OF SMOKE DAMPER.
- 21 INCREASE SIZE OF TG-2 TO 14x14.



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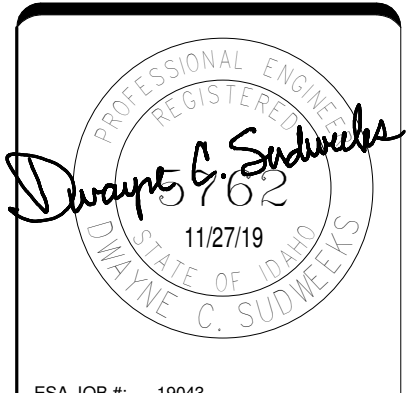
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ESA JOB #: 19043
DRAWN BY: M. THEIL

CHECKED BY: D. SUDWEEKS

DOCUMENT STATUS	DATE
STATUS	

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	Revision 1	1/7/2019

PROJECT NAME:

BRIGHAM YOUNG UNIVERSITY - IDAHO
SPORI ANNEX

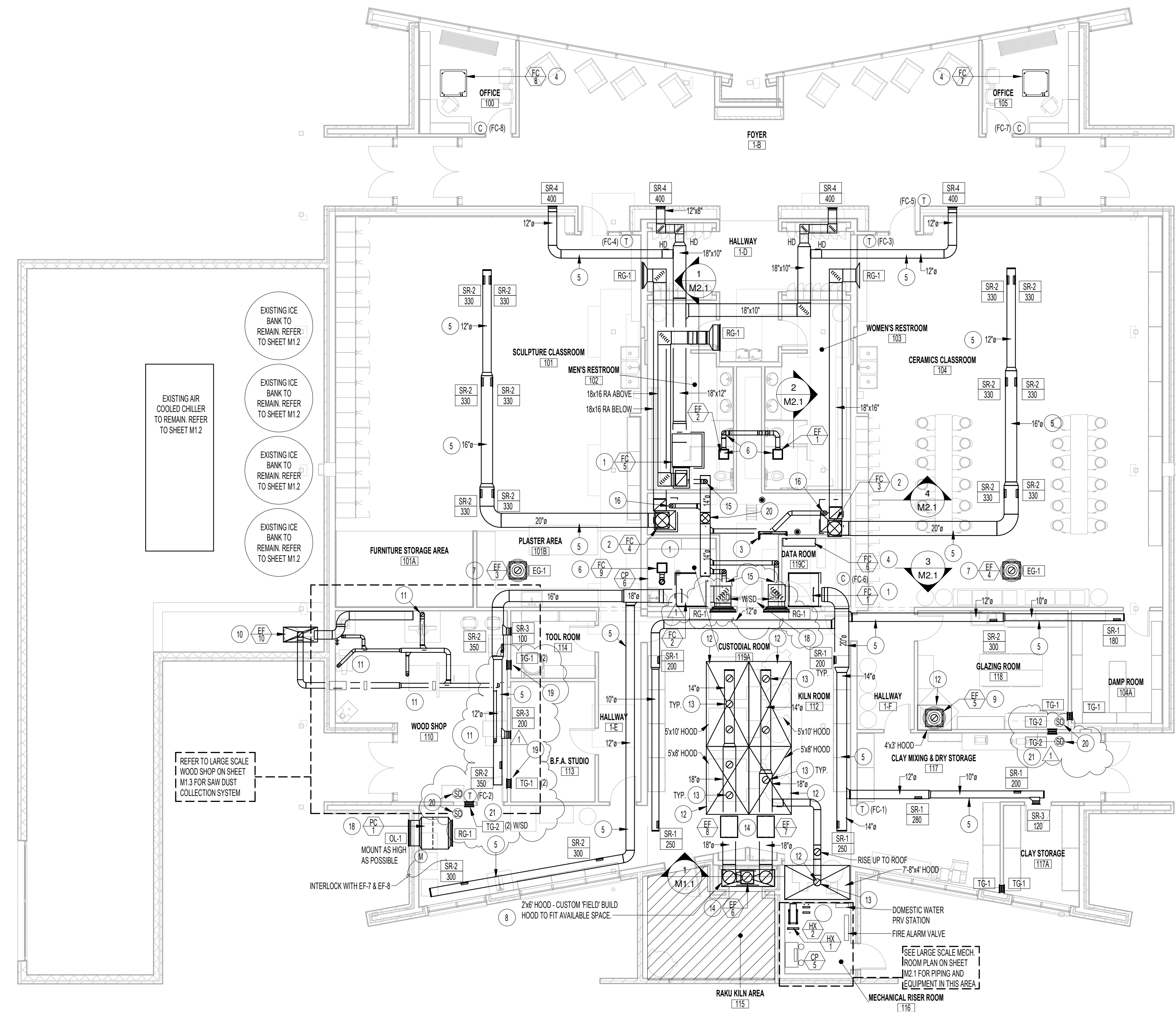
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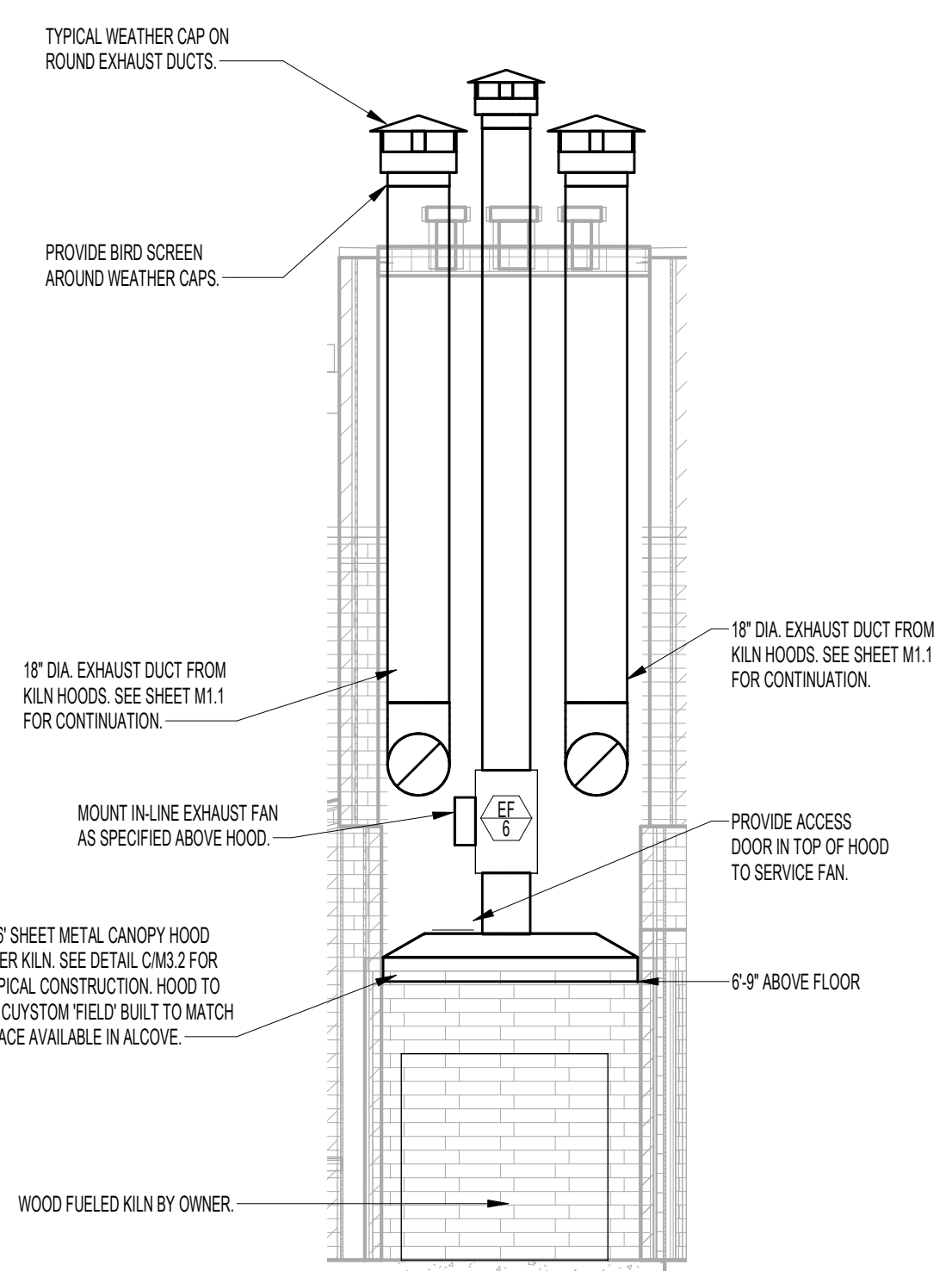
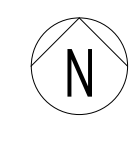
MECHANICAL FLOOR PLAN

SHEET NUMBER:

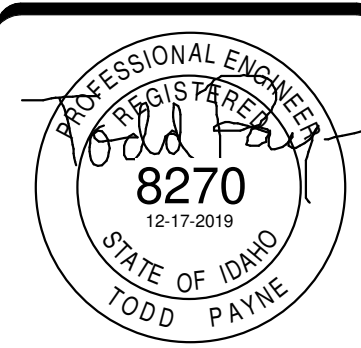
M1.1



MECHANICAL FLOOR PLAN
SCALE: 1/8" = 1'-0"



MECHANICAL SECTION
SCALE: 1/4" = 1'-0"



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TEP

DOCUMENT STATUS		STATUS	DATE
BID DOCUMENTS			

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	Revision 1	1-9-2020
		1-9-2020

PROJECT NAME:
BRIGHAM YOUNG UNIVERSITY - IDAHO
SPORI ANNEX

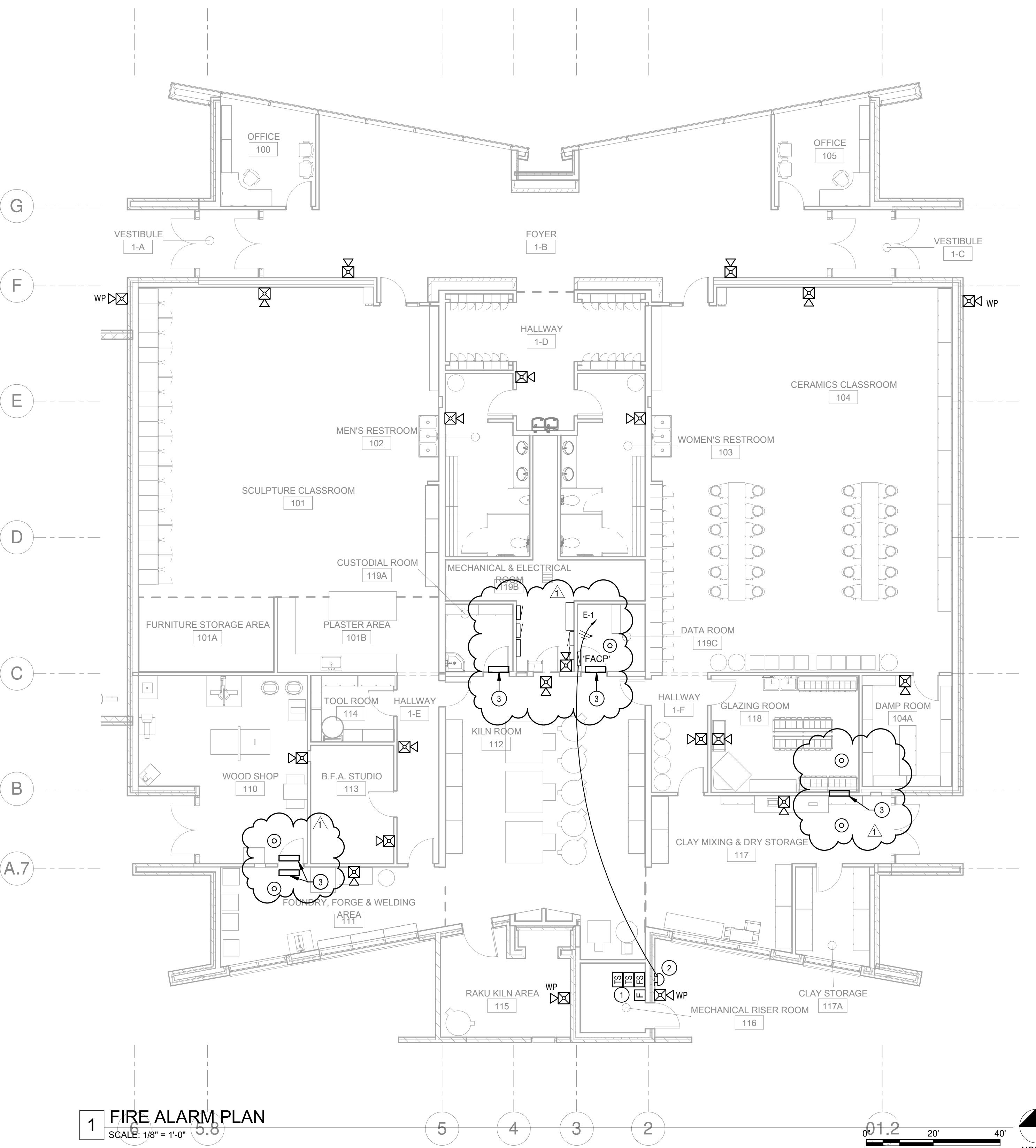
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SHEET NAME:
FIRE ALARM PLAN

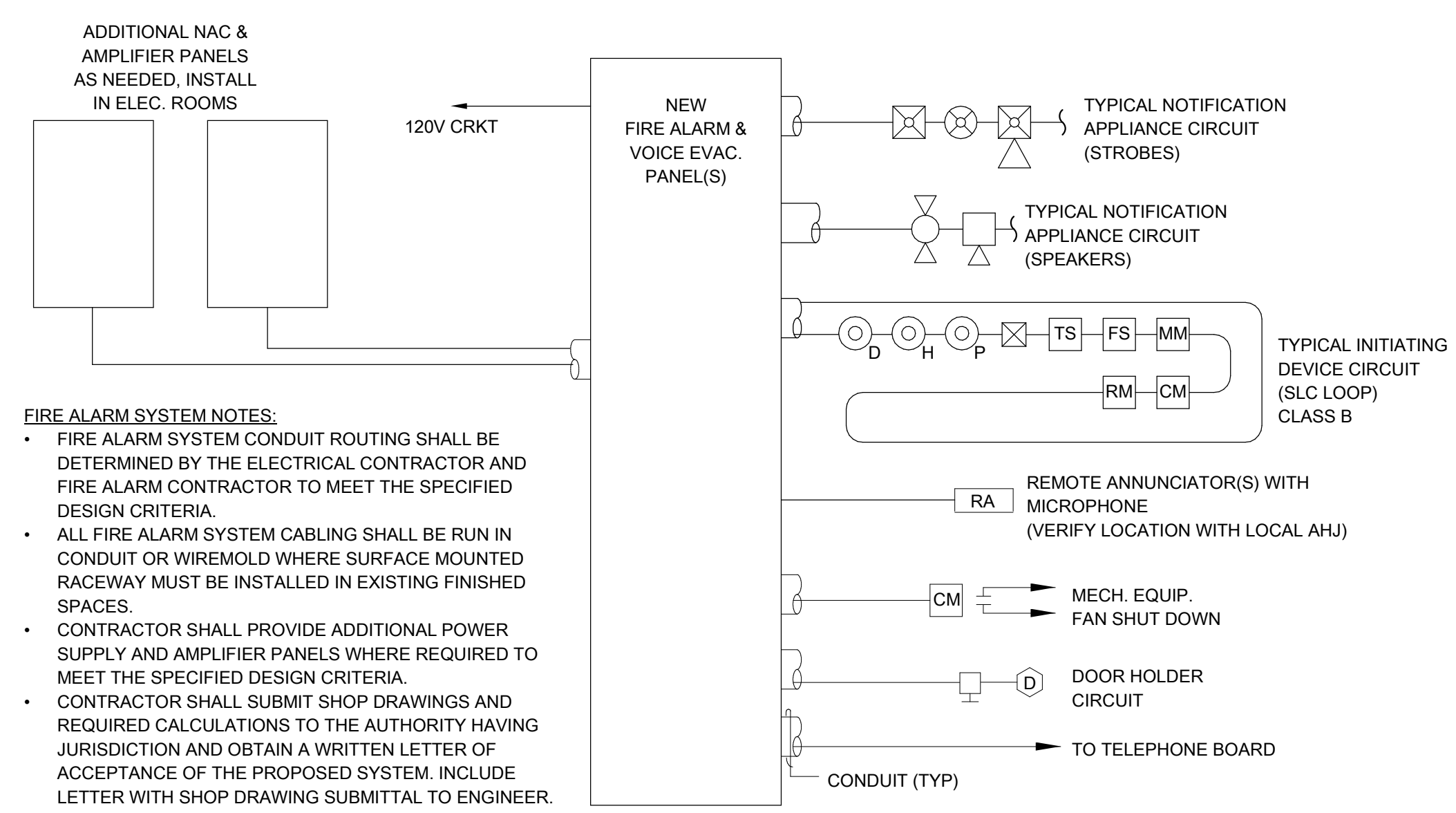
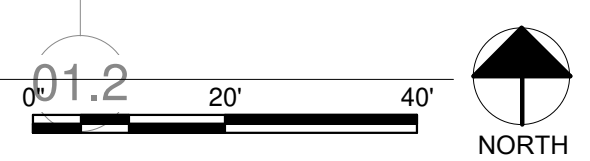
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E3.0

- GENERAL NOTES:**
- DO NOT INSTALL MORE THAN (10) NOTIFICATION APPLIANCES ON ANY SINGLE CLASS "A" SIGNAL CIRCUIT. DO NOT EXCEED 400 FT. OF NO. 14 WIRE IN THE TOTAL LOOP.
 - NFPA ALLOWS NOTIFICATION APPLIANCES TO BE MOUNTED AT A HEIGHT RANGE BETWEEN 80" TO 96" ABOVE FINISH FLOOR. THE PREFERRED HEIGHT IS 80". IF THIS CONFLICTS WITH OTHER TRADES OR ROOM FURNISHINGS, LOCATE AS CLOSE TO 80" AS POSSIBLE, NOT EXCEEDING 96". ALL NOTIFICATION APPLIANCES IN A COMMON ROOM OR LINE OF SIGHT SHALL BE LOCATED AT A COMMON HEIGHT.
 - MOUNT PULL STATIONS AT 46-48" A.F.F. TO THE OPERATING HANDLE TO MEET ADA REQUIREMENTS.
 - DO NOT CONNECT THE FIRE ALARM SYSTEM TO ANY DEVICE WHICH HAS A POWER HELD CONTACTS (FLOW, TAMPER, HOOD SYSTEM, DUCT DETECTOR, ETC). FALSE ALARM WILL OCCUR.
 - ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL CONDUCTOR QUANTITIES PER FIRE ALARM SYSTEM SUPPLIER, AND AS PER NFPA AND NEC REQUIREMENTS.
 - DO NOT INSTALL ANY SMOKE OR HEAT DETECTORS WITHIN 3 FEET OF ANY AIR DIFFUSER.
 - DO NOT EXCEED 2500 FEET ON ANY ADDRESSABLE DEVICE RUN. DO NOT EXCEED 120 DEVICES ON ANY ONE ADDRESSABLE DEVICE RUN.
 - ALL AIR HANDLING EQUIPMENT 2000 CFM OR MORE MUST BE SHUT DOWN UPON FIRE ALARM AS PER LIFE SAFETY CODES.
 - ALL CLASS "B" INITIATING CIRCUITS WITH ADDRESSABLE DEVICES NEED EOLR. (END OF LINE RESISTORS).
 - IN CORRIDORS, NOTIFICATION APPLIANCES MUST BE LOCATED WITHIN 15' FROM ENDS OF CORRIDORS AND A MAXIMUM OF 100' SPACING.
 - PROVIDE THE REQUIRED CANDELA RATING OF ALL NOTIFICATION APPLIANCES ACCORDING TO ROOM SIZE, ETC.
 - NOTIFICATION APPLIANCES TO BE SYNCHRONIZED TO PROVIDE A 3-3-3 TEMPORAL PATTERN.
 - ALL WIRING AND CONDUIT ROUTING TO BE AS DESCRIBED ON SUPPLIED SHOP DRAWINGS. FIRE ALARM PLAN IS SHOWN FOR GENERAL LOCATION AND LAYOUT ONLY.
 - THE FIRE ALARM SYSTEM TO BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND ADA REQUIREMENTS.
 - ELECT. CONTR. TO CONNECT SPRINKLER SYSTEM TAMPER SWITCHES AND FLOW VALVES TO FIRE ALARM SYSTEM AS REQUIRED. SEE FIRE SPRINKLER SYSTEM DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES.
 - ELECT. CONTR. TO CONNECT FIRE SPRINKLER SYSTEM WATER GONG, TO NEAREST SOURCE OF 120 VOLT UNSWITCHED POWER.

- GENERAL NOTES:**
- A. REFER TO SYMBOL SCHEDULES FOR GENERAL NOTES ASSOCIATED WITH THE INSTALLATION OF EACH SYSTEM: LIGHTING, POWER, FIRE ALARM, SPECIAL SYSTEMS, ETC.
- KEY NOTES:**
- PROVIDE MONITORING OF FLOW AND TAMPER SWITCHES. VERIFY EXACT NUMBER OF SWITCHES WITH FIRE SPRINKLER CONTRACTOR.
 - INSTALL FIRE BELL AND HORN/STROBE ABOVE FIRE DEPT CONNECTION. FIELD LOCATION. COORDINATE LOCATION WITH FIRE SPRINKLER CONTRACTOR PRIOR TO ROUTING.
 - MAKE ALL REQUIRED CONNECTIONS TO SMOKE DETECTORS AND SMOKE DAMPERS. PROVIDE REQUIRED RELAY AND MONITOR MODULES AND PROGRAM TO CLOSE DAMPERS UPON DETECTION OF SMOKE. COORDINATE WITH HVAC CONTRACTOR.



1 FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



A FIRE ALARM RISER DIAGRAM
SCALE: NONE

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