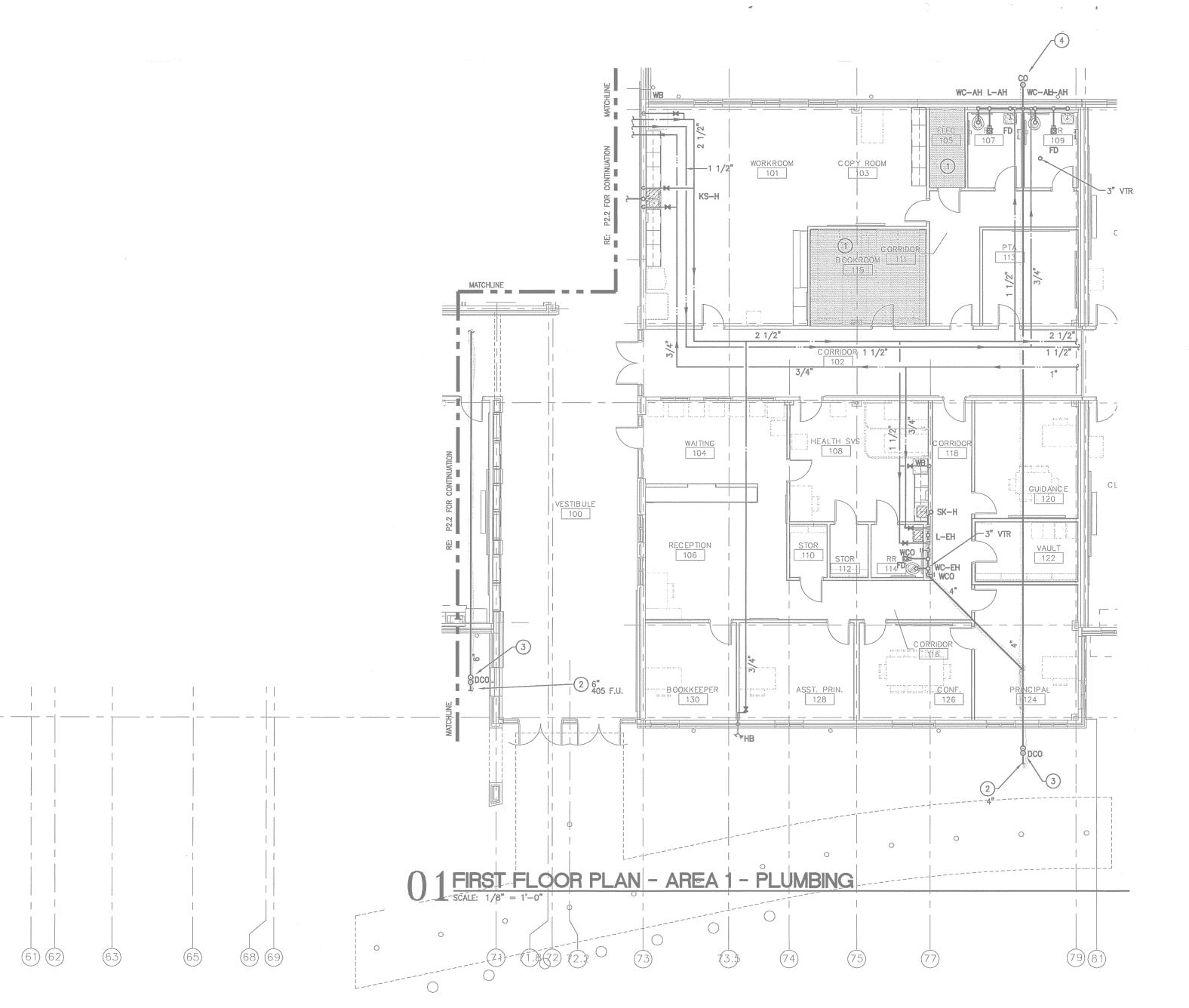
TYPOLOGY 17

Commercial/School



KEYED NOTES

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- 3 RE: DOUBLE CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
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- PIPING SIZE FOR WATER MAIN DROPS AND MANIFOLD IN CHASE OR WALL TO REMAIN FULL SIZE OF DROP INDICATED. REFERENCE FIXTURE CONNECTION SCHEDULE FOR INDIVIDUAL LINE SIZE TO EACH FIXTURE.
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FIXTURE CONNECTION SCHEDULE CW HW TW WASTE FIXTURE UNITS VENT MARK 1/2" 3/4" URINAL 2" 1/2" 1/2" 1 1/2" * * LAVATORY * 2" 1/2" 1 1/2" ** 1/2" 1/2" SINK *** SERVICE SINK 3/4" 3/4" 1 1/2" ** WASH FOUNTAIN 1/2" 1/2" 1 1/2" ** 1 EWC 1/2" WASHING MACHINE 3/4" 3/4" HOSE BIBB 3/4"

* HOT (TEMPERED) AND COLD WATER REQUIRED UNLESS NOTED OTHERWISE ON PLUMBING FIXTURE SCHEDULE. PROVIDE TEMPERATURE MIXING VALVE (ASSE 1070) AT THE FIXTURE. * * IF HORIZONTAL VENT LENGTH EXCEEDS 20 FEET. INCREASE VENT SIZE TO TWO INCHES.

1/2"

SHOWER * * * * 1/2"

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ALL PLUMBING

SHALL BE IN ACCORPANCE WITH CITY OF

and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the purcently adopted plumping code or any other extraores of the rink of Aliatin.

AUSTIN ADOPTED PLUMBING CODES.

REVIEWED DATE

The granting be a permit for, or approval of these



NORTH

1 1/2"





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F - 4095

HCE job no.: 11-077

PROJECT NO.: 20803.00

ISSUE DATE: 06.25.12

AUSTIN, TEXAS 78754 (512) 977-0390 PROFESSIONAL'S SEAL

BLGY ARCHITECTURE

2204 FORBES DRIVE

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STRUCTURAL

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MEP

HCE ENGINEERS 115 E. MAIN ROUND ROCK, TEXAS 78664 512-218-0060

LANDSCAPE

ALEXANDER BOEDY ASSOCIATES 5511 PARKCREST DRIVE, #207 AUSTIN, TEXAS 78731 512-329-9833

TECHNOLOGY

ELERT & ASSOCIATES 8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

DISTRI NDEPENDENT SCHOO AUSTIN, TEXAS





WC-AH L-AH WC-AH-AH

GUIDANCE 120

126

WAITING 104

RECEPTION 106

1 FIRST FLOOR PLAN - AREA 1 - PLUMBING

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FIXTURE CONNECTION SCHEDULE

MARK	CW	HW	TW	WASTE	DRAIN FIXTURE UNITS	VENT
WATER CLOSET (FLUSH VALVE)	1"	****	_	4"	6	2"
WATER CLOSET (TANK TYPE)	1/2"	-	-	4"	4	2"
URINAL	3/4"	editals		2"	2	2"
LAVATORY *	1/2"	definal	1/2"	2"	1	1 1/2" **
SINK ***	1/2"	1/2"	1/2"	2"	2	1 1/2" **
SERVICE SINK	3/4"	3/4"	***	3"	2	2"
WASH FOUNTAIN	1/2"	6614P	1/2"	2"	2	1 1/2" **
EWC	1/2"	_	97004	2"	1	1 1/2" **
WASHING MACHINE	3/4"	3/4"	antyany	2"	2	2"
HOSE BIBB	3/4"	****	_		44444	
SHOWER * * * *	1/2"	1/2"		3"	2	1 1/2"
FLOOR DRAIN	FWH	<u>-</u>		3"	2	2"

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BLGY ARCHITECTURE 2204 FORBES DRIVE AUSTIN, TEXAS 78754 (512) 977-0390

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LANDSCAPE

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TECHNOLOGY

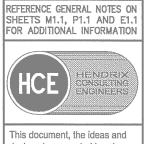
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AUSTIN

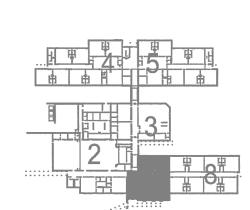
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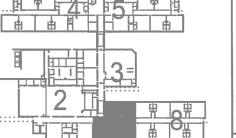
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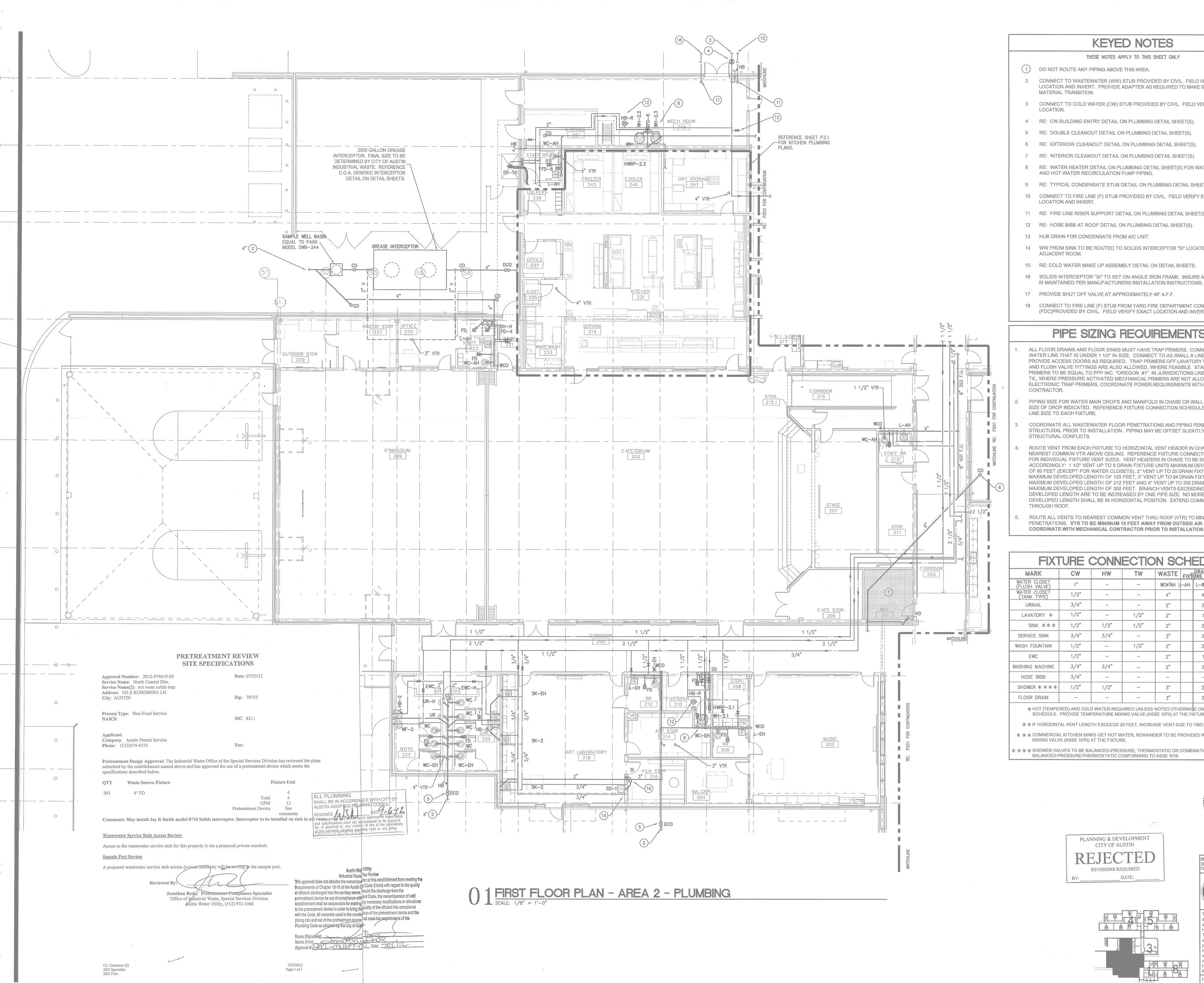


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- 16 SOLIDS INTERCEPTOR "SI" TO SET ON ANGLE IRON FRAME. INSURE ACCESS SPACE
- 17 PROVIDE SHUT OFF VALVE AT APPROXIMATELY 48" A.F.F.
- 18 CONNECT TO FIRE LINE (F) STUB FROM YARD FIRE DEPARTMENT CONNECTION (FDC)PROVIDED BY CIVIL. FIELD VERIFY EXACT LOCATION AND INVERT.

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URINAL	3/4"	make .	****	2"	2	2"
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SINK ***	1/2"	1/2"	1/2"	2"	2	1 1/2" *
SERVICE SINK	3/4"	3/4"	Abbaba	3"	2	2"
WASH FOUNTAIN	1/2"	****	1/2"	2"	2	1 1/2" *
EWC	1/2"		_	2"	1	1 1/2" *
WASHING MACHINE	3/4"	3/4"		2"	2	2"
HOSE BIBB	3/4"	_	_	4444-	_	
SHOWER * * * *	1/2"	1/2"		3"	2	1 1/2"
		1		1		1

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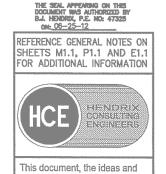
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> PLANNING & DEVELOPMENT CITY OF AUSTIN

> > REVISIONS REQUIRED





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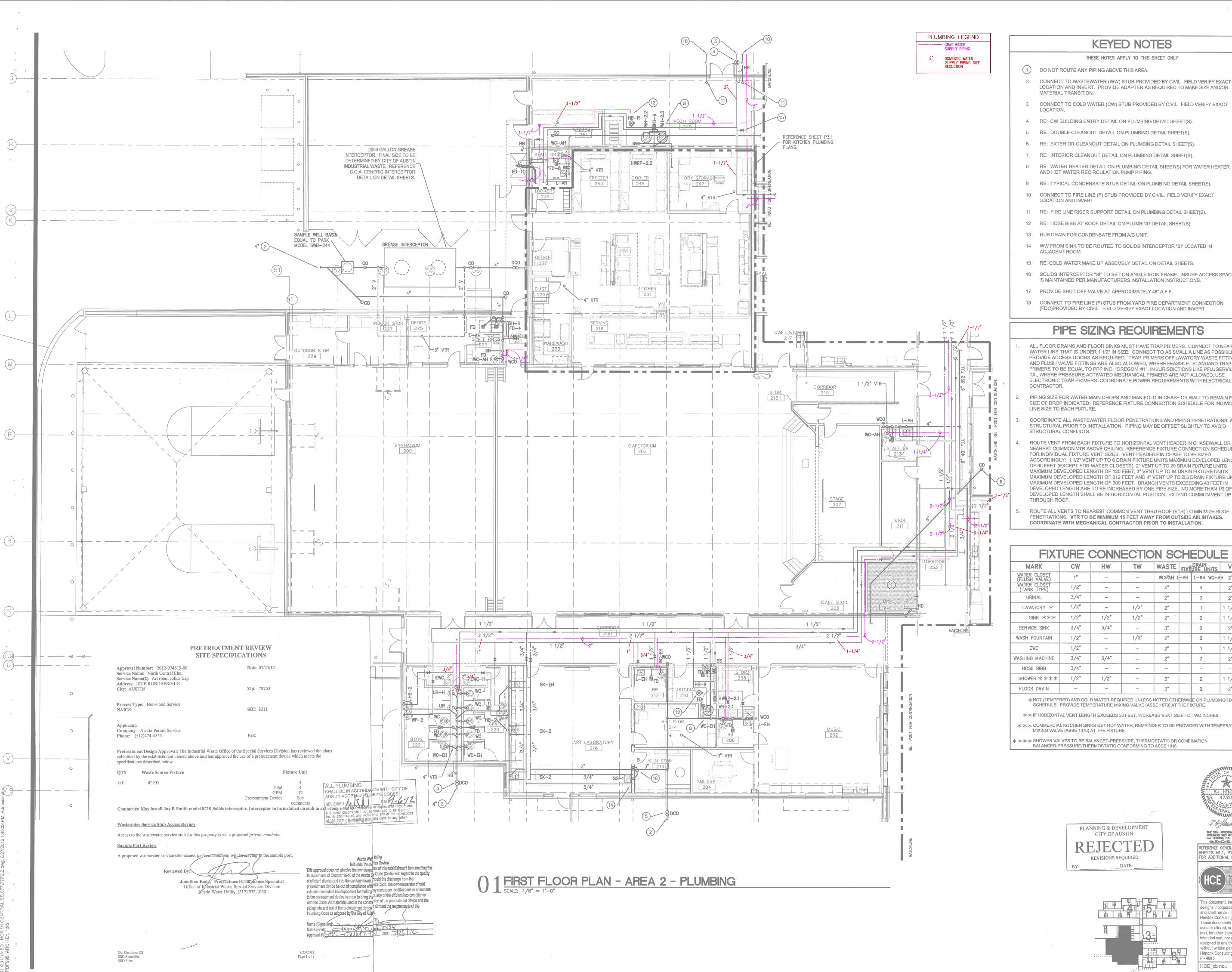
LANDSCAPE

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TECHNOLOGY

ELERT & ASSOCIATES 8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

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WATER CLOSET (TANK TYPE)	1/2"		-	4 ⁿ		4	2"
URINAL	3/4"		THE STATE OF THE S	2"		2	2"
LAVATORY *	1/2"	*****	1/2"	2"		1	1 1/2" **
SINK ***	1/2"	1/2"	1/2"	2"		2	1 1/2" **
SERVICE SINK	3/4"	3/4"	****	3"		2	2"
WASH FOUNTAIN	1/2"		1/2"	2"		2	1 1/2" **
EWC	1/2"	_	_	2"		1	1 1/2" **
WASHING MACHINE	3/4"	3/4"		2"		2	2"
HOSE BIBB	3/4"	_		4444		_	
SHOWER * * * *	1/2"	1/2"		3"		2	1 1/2"
FLOOR DRAIN	shinite		NAME OF THE PROPERTY OF THE PR	3"		2	2"

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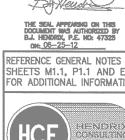
* IF HORIZONTAL VENT LENGTH EXCEEDS 20 FEET, INCREASE VENT SIZE TO TWO INCHES.

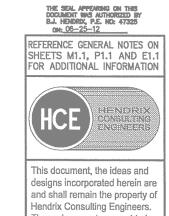
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CITY OF AUSTIN

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AUSTIN, TEXAS 78754

PROFESSIONAL'S SEAL

CHAN & PARTNERS ENGINEER

4319 JAMES CASEY ST. #300

JASTER-QUINTANILLA ENGINEE

ROUND ROCK, TEXAS 78664

ALEXANDER BOEDY ASSOCIATES

AUSTIN, TEXAS 78731

ELERT & ASSOCIATES

8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

5511 PARKCREST DRIVE, #20

AUSTIN, TX 78745 512-480-8155

STRUCTURAL

MEP

1608 W. 6TH ST. AUSTIN, TX 78703 512-474-9094

HCE ENGINEERS

512-218-0060

512-329-9833

TECHNOLOGY

LANDSCAPE

(512) 977-0390

AUSTIN

STRI

PROJECT NO.: 20803.00

ISSUE DATE: 06.25.12

THESE NOTES APPLY TO THIS SHEET ONLY

1) DO NOT ROUTE ANY PIPING ABOVE THIS AREA.

- 2 RE: WALL CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- 3 RE: EXTERIOR CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- 4 RE: HOSE BIBB AT ROOF DETAIL ON PLUMBING DETAIL SHEET(S).

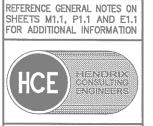
PIPE SIZING REQUIREMENTS

- ALL FLOOR DRAINS AND FLOOR SINKS MUST HAVE TRAP PRIMERS. CONNECT TO NEAREST WATER LINE THAT IS UNDER 1 1/2" IN SIZE. CONNECT TO AS SMALL A LINE AS POSSIBLE. PROVIDE ACCESS DOORS AS REQUIRED. TRAP PRIMERS OFF LAVATORY WASTE FITTINGS AND FLUSH VALVE FITTINGS ARE ALSO ALLOWED, WHERE FEASIBLE. STANDARD TRAP PRIMERS TO BE EQUAL TO PPP INC. "OREGON #1". IN JURISDICTIONS LIKE PFLUGERVILLE, TX., WHERE PRESSURE ACTIVATED MECHANICAL PRIMERS ARE NOT ALLOWED, USE ELECTRONIC TRAP PRIMERS. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
- PIPING SIZE FOR WATER MAIN DROPS AND MANIFOLD IN CHASE OR WALL TO REMAIN FULL SIZE OF DROP INDICATED. REFERENCE FIXTURE CONNECTION SCHEDULE FOR INDIVIDUAL LINE SIZE TO EACH FIXTURE.
- COORDINATE ALL WASTEWATER FLOOR PENETRATIONS AND PIPING PENETRATIONS WITH STRUCTURAL PRIOR TO INSTALLATION. PIPING MAY BE OFFSET SLIGHTLY TO AVOID STRUCTURAL CONFLICTS.
- ROUTE VENT FROM EACH FIXTURE TO HORIZONTAL VENT HEADER IN CHASE/WALL OR TO NEAREST COMMON VTR ABOVE CEILING. REFERENCE FIXTURE CONNECTION SCHEDULE FOR INDIVIDUAL FIXTURE VENT SIZES. VENT HEADERS IN CHASE TO BE SIZED ACCORDINGLY: 1 1/2" VENT UP TO 6 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 60 FEET (EXCEPT FOR WATER CLOSETS), 2" VENT UP TO 20 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 120 FEET, 3" VENT UP TO 84 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 212 FEET AND 4" VENT UP TO 256 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 300 FEET. BRANCH VENTS EXCEEDING 40 FEET IN DEVELOPED LENGTH ARE TO BE INCREASED BY ONE PIPE SIZE. NO MORE THAN 1/3 OF DEVELOPED LENGTH SHALL BE IN HORIZONTAL POSITION. EXTEND COMMON VENT UP THROUGH ROOF.
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FIXT	TURE (CONN	ECTIO	N SC	CHEDUL	E
MARK .	су	HW	TW	WASTE	DRAIN FIXTURE UNITS	VENT
WATER CLOSET (FLUSH VALVE)	1"		Mona	42	6	2"
WATER CLOSET (TANK TYPE)	1/2"	4444	***************************************	4"	4	2"
URINAL	3/4"		2000	2"	2	2"
LAVATORY *	1/2"	*****	1/2"	2*	1	1 1/2" 3
SINK ***	1/2"	1/2"	1/2"	2°	2	1 1/2" ?
SERVICE SINK	3/4"	3/4"	_	3"	2	2"
WASH FOUNTAIN	1/2"	_	1/2"	2°	2	1 1/2"
EWC	1/2"		***	2°	1	1 1/2"
WASHING MACHINE	3/4"	3/4"	-	2"	2	2"
HOSE BIBB	3/4"	_		_		
SHOWER * * * *	1/2"	1/2"	****	3"	2	1 1/2"
FLOOR DRAIN	Report Control			3"	2	2°

- * HOT (TEMPERED) AND COLD WATER REQUIRED UNLESS NOTED OTHERWISE ON PLUMBING FIXTURE SCHEDULE. PROVIDE TEMPERATURE MIXING VALVE (ASSE 1070) AT THE FIXTURE.
- * * IF HORIZONTAL VENT LENGTH EXCEEDS 20 FEET, INCREASE VENT SIZE TO TWO INCHES.
- * * * COMMERCIAL KITCHEN SINKS GET HOT WATER, REMAINDER TO BE PROVIDED WITH TEMPERATURE MIXING VALVE (ASSE 1070) AT THE FIXTURE.
- * * * SHOWER VALVES TO BE BALANCED-PRESSURE, THERMOSTATIC OR COMBINATION BALANCED-PRESSURE/THERMOSTATIC CONFORMING TO ASSE 1016.





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NORT PROJECT NO.: 20803.00 ISSUE DATE: 06.25.12

ELEMENT

BLGY ARCHITECTURE

(512) 977-0390

2204 FORBES DRIVE SUITE 101 AUSTIN, TEXAS 78754

PROFESSIONAL'S SEAL

CHAN & PARTNERS ENGINEE!

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STRUCTURAL

MEP

LANDSCAPE

TECHNOLOGY

ELERT & ASSOCIATES 8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

DISTRICT

OF

INDEPENDENT SCHOO AUSTIN, TEXAS

AUSTIN

ALL PLUMBING

SHALL BE IN ACCORDANCE WITH CITY OF

0 1 FIRST FLOOR PLAN - AREA 3 - PLUMBING

Sand James Sand Sand Sand Sand Sand

THESE NOTES APPLY TO THIS SHEET ONLY

1) DO NOT ROUTE ANY PIPING ABOVE THIS AREA.

2 RE: WALL CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).

3 RE: EXTERIOR CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).

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FIXTURE CONNECTION SCHEDULE								
MARK .	су	HW	TW	WASTE	DRAIN FIXTURE UNITS	VENT		
WATER CLOSET (FLUSH VALVE)	1"		Principal	4"	6	2"		
WATER CLOSET (TANK TYPE)	1/2"	440,000	90,000	4"	4	2"		
URINAL	3/4"		and the same of th	2"	2	2"		
LAVATORY *	1/2"		1/2"	2*	1	1 1/2"		
SINK ***	1/2"	1/2"	1/2"	2"	2	1 1/2"		
SERVICE SINK	3/4"	3/4"	_	3"	2	2"		
WASH FOUNTAIN	1/2"	_	1/2"	2"	2	1 1/2"		
EWC	1/2"	-	****	2"	1	1 1/2"		
WASHING MACHINE	3/4"	3/4"		2"	2	2"		
HOSE BIBB	3/4"		_					
SHOWER * * * *	1/2"	1/2"	****	3"	2	1 1/2"		
FLOOR DRAIN	marget .			3"	2	2"		

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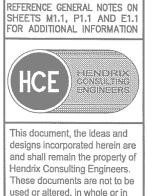
ALL PLUMBING

SHALL BE IN ACCORDANCE WITH CITY OF

EFERENCE GENERAL NOTES ON

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BLGY ARCHITECTURE 2204 FORBES DRIVE SUITE 101 AUSTIN, TEXAS 78754 (512) 977-0390

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TECHNOLOGY

ELERT & ASSOCIATES 8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

> DISTRICT OF

> > AUSTIN

ELEMENT

NORT PROJECT NO.: 20803.00 ISSUE DATE: 06.25.12

0 1 FIRST FLOOR PLAN - AREA 3 - PLUMBING

4" 13 F.U.

CORRIDOR RE: P2.2 FOR CONTINUATION

THESE NOTES APPLY TO THIS SHEET ONLY

1) DO NOT ROUTE ANY PIPING ABOVE THIS AREA.

2 RE: INTERIOR CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).

3 RE: ELEVATOR SUMP PUMP DETAIL ON PLUMBING DETAIL SHEET(S).

4 OIL INTERCEPTOR EQUAL TO PARK ELEVATOR SEPERATOR MODEL ESC-100, 100 GALLON CAPACITY, 50 GPM FLOW.

5 CONNECT TO WASTEWATER (WW) STUB PROVIDED BY CIVIL. FIELD VERIFY EXACT LOCATION AND INVERT. PROVIDE ADAPTER AS REQUIRED TO MAKE SIZE AND/OR MATERIAL TRANSITION.

6 CONNECT TO STORM SEWER STUB PROVIDED BY CIVIL. FIELD VERIFY EXACT LOCATION AND INVERT. PROVIDE ADAPTER AS REQUIRED TO MAKE SIZE AND/OR MATERIAL TRANSITION.

7 PROVIDE STUB IN P-TRAP OF EWC FOR CONDENSATE FROM ELEVATOR MACHINE ROOM A/C UNIT. COORDINATE WITH MECHANICAL CONTRACTOR.

8 ROUGH-IN FOR FUTURE WASHING MACHINE. PROVIDE PLUG IN WASTE CONNECTION TO BE REMOVED IN FUTURE.

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FIXTURE CONNECTION SCHEDULE

	MARK	CW	HW	TW	WASTE	DRAIN FIXTURE UNITS	VENT	
	WATER CLOSET (FLUSH VALVE)	1"		_	4"	6	2"	
	WATER CLOSET (TANK TYPE)	1/2"	*****	_	4"	4	2"	
	URINAL	3/4"		-	2"	2	2" 1 1/2" **	
	LAVATORY *	1/2"		1/2"	2"	1		
1/2"	SINK ***	1/2"	1/2"	1/2"	2"	2	1 1/2" **	
/2" /2" /2"	SERVICE SINK	3/4"	3/4"		3"	2	2"	
	WASH FOUNTAIN	1/2"	marketon-	1/2"	2"	. 2	1 1/2" **	
	EWC	1/2"			2"	1	1 1/2" **	
	WASHING MACHINE	3/4"	3/4"	_	2"	2	2" —	
	HOSE BIBB	3/4"	abbido	_				
	SHOWER * * * *	1/2"	1/2"	-	3"	2	1 1/2"	
	FLOOR DRAIN	*****	_		3"	2	2"	

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★ ★ ★ ★ SHOWER VALVES TO BE BALANCED-PRESSURE, THERMOSTATIC OR COMBINATION BALANCED-PRESSURE/THERMOSTATIC CONFORMING TO ASSE 1016.

> Trap Seal Protection When structurally feasible, traps for floor drains and similar fixtures shall be primed by methods utilizing gravity flow wastewater from acceptable plumbing fixtures. Fixtures used for grease or food particle wasting shall not be used for trap

Plumbing fixtures must comply with adopted City of Austin codes and ordinances and State of Texas requirements for plumbing fixture rates:
Water closets- 1.28 gpf
Urinals- 0.5 gpf
Public lavatory- 0.5 gpm
Metered faucets serving the transient public

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED POUMBING CODES.

REVIEWED DATE - 6 - 12

The granting of a permit for, or approved of these plans and specifications shall not be construed to be a permit for, or upproval of, any violation of any of the provistions of the currently adopted plumping code or any other



REFERENCE GENERAL NOTES ON SHEETS M1.1, P1.1 AND E1.1 FOR ADDITIONAL INFORMATION

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BLGY ARCHITECTURE

PROFESSIONAL'S SEAL

AUSTIN, TEXAS 78754

2204 FORBES DRIVE

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LANDSCAPE

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<u>TECHNOLOGY</u>

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AR MENT

PO8-0026-NCES 1
EPENDENT SCHOCAUSTIN, TEXAS

NORT PRO:

0 1 FIRST FLOOR PLAN - AREA 4 - PLUMBING
SCALE: 1/8" = 1'-0"

RE: TYPICAL SINK OR LAVATORY RISER-

DIAGRAM (TYPICAL)

RR 411

CLASSROOM

415

WC-AH

416

STOR 4

SPECIAL ED.

SK-EH

SPEC_ED_OT/PT

406

CLASSROOM

STOR 425

STOR 420

RE: TYPICAL

CLASSROOM RISER-

DIAGRAM (TYPICAL)

STOR 429

1 1/2"

STOR 428

CLASSROOM 424

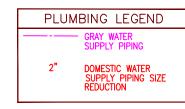
STOR 432

436 1 1/2°

lavatories shall be limited to a maximum temperature of 120°F by a device that conforms to ASSE 1070 or CSA B125.3. The water heater thermostat

Lavatories Hot water delivered from public-use shall not be considered a control for meeting this provision.

ISSUE DATE: 06.25.12



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FIXTURE CONNECTION SCHEDULE

	MARK	CW	HW	TW	WASTE	DRAIN FIXTURE UNITS	VENT	
	WATER CLOSET (FLUSH VALVE)	1"		-	4"	6	2"	
	WATER CLOSET (TANK TYPE)	1/2"	*****	_	4"	4	2"	
	URINAL	3/4"		-	2"	2	2" 1 1/2" ** 1 1/2" ** 2"	
1/2" /2"	LAVATORY *	1/2"	4	1/2"	2"	1		
	SINK ***	1/2"	1/2"	1/2"	2"	2		
	SERVICE SINK	3/4"	3/4"		3"	2		
/2" /2"	WASH FOUNTAIN	1/2"	materia	1/2"	2*	. 2	1 1/2" **	
	EWC	1/2"			2"	1	1 1/2" **	
	WASHING MACHINE	3/4"	3/4"	_	2"	2		
	HOSE BIBB	3/4"	abbidg	_	10000	·	_	
	SHOWER * * * *	1/2"	1/2"	4 market	3"	2	1 1/2"	
	FLOOR DRAIN	*****	<u>—-</u>	- Constitution of the Cons	3"	2	2"	

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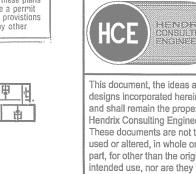
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Urinals- 0.5 gpf
Public lavatory- 0.5 gpm
Metered faucets serving the transient public

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED POUMBING CODES.

REVIEWED DATE - 6 - 12

The granting of a permit for, or approved of these plans nd specifications shall not be construed to be a permit or, or approval of, any violation of any of the provistions if the currently adopted plumbing code or any other constants in the price of whether the provisions.



REFERENCE GENERAL NOTES ON SHEETS M1.1, P1.1 AND E1.1 FOR ADDITIONAL INFORMATION his document, the ideas and

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Lavatories Hot water delivered from public-use meeting this provision.

lavatories shall be limited to a maximum temperature of 120°F by a device that conforms to ASSE 1070 or CSA B125.3. The water heater thermostat shall not be considered a control for

BLGY ARCHITECTURE

2204 FORBES DRIVE

(512) 977-0390

AUSTIN, TEXAS 78754

PROFESSIONAL'S SEAL

CHAN & PARTNERS ENGINEER 4319 JAMES CASEY ST. #300

JASTER-QUINTANILLA ENGINEEI

ROUND ROCK, TEXAS 78664

ALEXANDER BOEDY ASSOCIATES 5511 PARKCREST DRIVE, #20

AUSTIN, TEXAS 78731

ELERT & ASSOCIATES

512-451-5445

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NORT

PRO:

ISSUE DATE: 06.25.12

8500 N. MOPAC, #813

AUSTIN, TEXAS 78759

PO8-0026-NCES 1
EPENDENT SCHOCAUSTIN, TEXAS

AUSTIN, TX 78745 512-480-8155

1608 W. 6TH ST. AUSTIN, TX 78703

512-474-9094

HCE ENGINEERS

512-218-0060

512-329-9833

<u>TECHNOLOGY</u>

115 E. MAIN

LANDSCAPE

0 1 FIRST FLOOR PLAN - AREA 4 - PLUMBING
SCALE: 1/8" = 1'-0"

RE: TYPICAL SINK OR LAVATORY RISER-

DIAGRAM (TYPICAL)

RR 411

SK-EH

STOR 4

SPECIAL ED.

SPEC_ED_OT/PT

CLASSROOM

415

CLASSROOM

STOR 425

STOR 420

RE: TYPICAL

CLASSROOM RISER-

DIAGRAM (TYPICAL)

STOR 428

CLASSROOM 424

STOR 432

RE: TYPICAL CLASSROOM RISER DIAGRAM (TYPICAL) - RE: TYPICAL SINK-OR-_LAVATORY RISER DIAGRAM (TYPICAL) CLASSROOM 521 1 1/2" 530 2 1/2"-/ SPECIAL ED CLASSROOM 516 ORRIDOP 442 Hot water delivered from public-use CLEANOUTS INSTALLED lavatories shall be limited to a maximu. 6" 176 F.U. 4" 144 F.U. 4" 36 F.U. TN CONCRETE STOOP. -COORDINATE WITH ARCHITECTURAL AND LANDSCAPE. 0 1 FIRST FLOOR PLAN - AREA 5 - PLUMBING SCALE: 1/8" = 1'-0"

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MARK	CW	HW	TW	WASTE	DRAIN FIXTURE UNITS	VEN.
WATER CLOSET (FLUSH VALVE)	1"		-	4"	6	2"
WATER CLOSET (TANK TYPE)	1/2"	шарар	_	4**	4	2"
URINAL	3/4"		-510000	2°	2	2"
LAVATORY *	1/2"	-	1/2"	2"	1	1 1/2"
SINK ***	1/2"	1/2"	1/2"	2"	2	1 1/2"
SERVICE SINK	3/4"	3/4"	-	3"	2	2"
WASH FOUNTAIN	1/2"	_	1/2"	2"	2	1 1/2"
EWC	1/2"		_	2"	1	1 1/2"
WASHING MACHINE	3/4"	3/4"	- Contract	2"	2	2"
HOSE BIBB	3/4"	-	4000		-	_
SHOWER * * * *	1/2"	1/2"		3"	2	1 1/2"
FLOOR DRAIN	www.			3"	2	2"

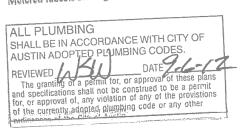
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PROFESSIONAL'S SEAL

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STRUCTURAL

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LANDSCAPE

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LINE SIZE TO EACH FIXTURE.

_STRUGTURAL CONFLICTS.

THROUGH ROOF.

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ACCORDINGLY: 1 1/2" VENT UP TO 6 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH

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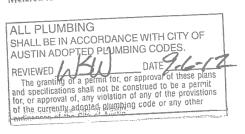
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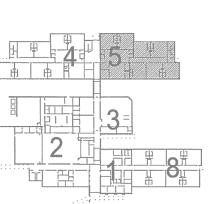
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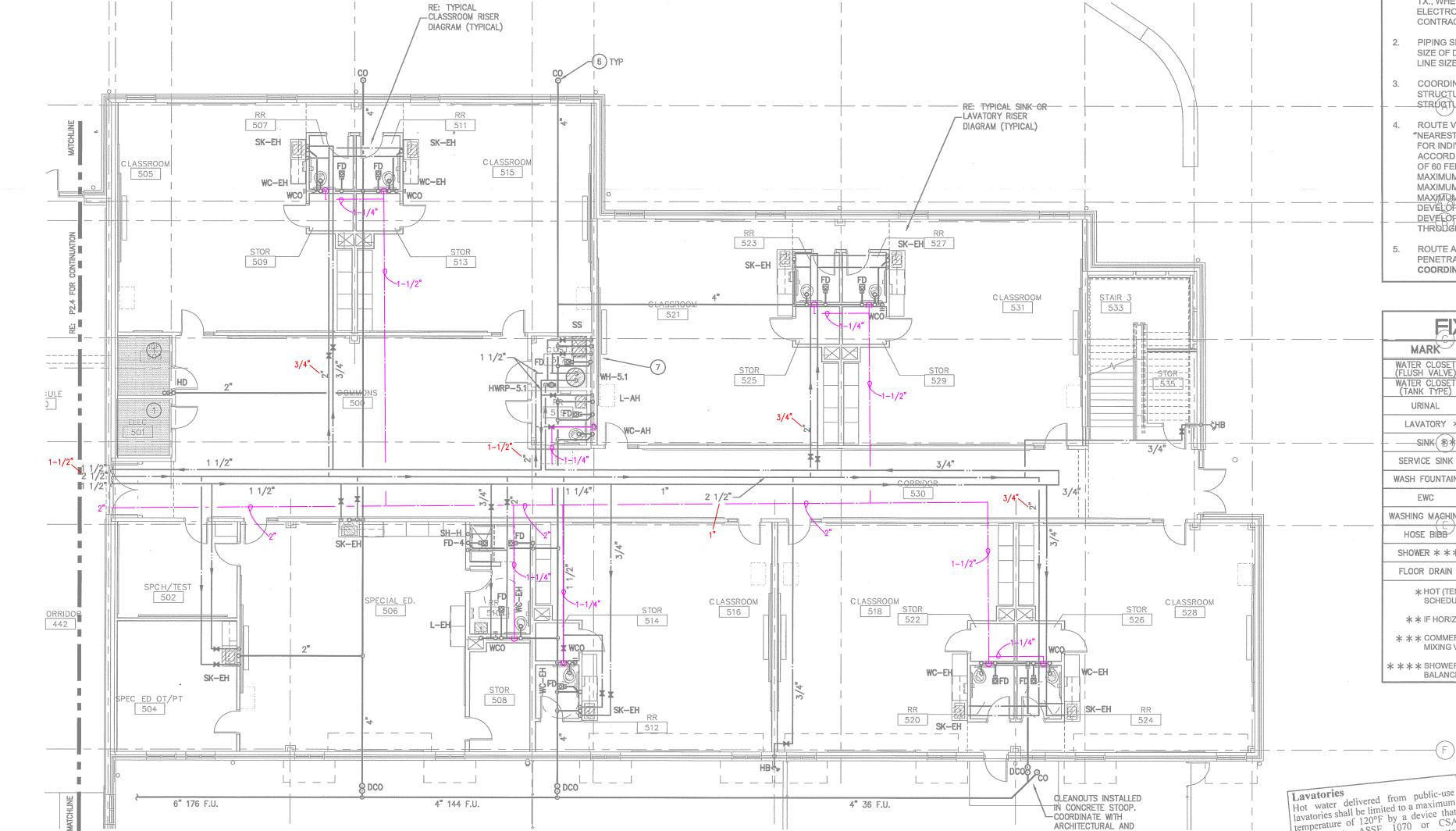
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NORTH PROJECT NO .: 20803.00 ISSUE DATE: 06.25.12

P2.5



LANDSCAPE.

0 1 FIRST FLOOR PLAN - AREA 5 - PLUMBING

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SERVICE SINK	3/4"	3/4"	-	3"	2	2"
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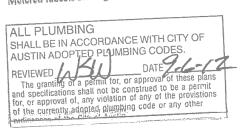
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FIXT	FIXTURE CONNECTION SCHEDULE								
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WASHING MACHINE	3/4"	3/4"		2*	2	2"			
HOSE BIBB	3/4"	_		-	_				
SHOWER * * * *	1/2"	1/2"	_	3"	2	1 1/2"			
FLOOR DRAIN	49690	_		3"	2	2"			

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- ROUTE VENT FROM EACH FIXTURE TO HORIZONTAL VENT HEADER IN CHASE/WALL OR TO NEAREST COMMON VTR ABOVE CEILING. REFERENCE FIXTURE CONNECTION SCHEDULE FOR INDIVIDUAL FIXTURE VENT SIZES. VENT HEADERS IN CHASE TO BE SIZED ACCORDINGLY: 1 1/2" VENT UP TO 6 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 60 FEET (EXCEPT FOR WATER CLOSETS), 2" VENT UP TO 20 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 120 FEET, 3" VENT UP TO 84 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 212 FEET AND 4" VENT UP TO 256 DRAIN FIXTURE UNITS MAXIMUM DEVELOPED LENGTH OF 300 FEET. BRANCH VENTS EXCEEDING 40 FEET IN DEVELOPED LENGTH ARE TO BE INCREASED BY ONE PIPE SIZE. NO MORE THAN 1/3 OF DEVELOPED LENGTH SHALL BE IN HORIZONTAL POSITION. EXTEND COMMON VENT UP THROUGH ROOF.
- ROUTE ALL VENTS TO NEAREST COMMON VENT THRU ROOF (VTR) TO MINIMIZE ROOF PENETRATIONS. VTR TO BE MINIMUM 15 FEET AWAY FROM OUTSIDE AIR INTAKES. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.

KEYED NOTES THESE NOTES APPLY TO THIS SHEET ONLY

- DO NOT ROUTE ANY PIPING ABOVE THIS AREA.
- 2 CONNECT TO WASTEWATER (WW) STUB PROVIDED BY CIVIL. FIELD VERIFY EXACT LOCATION AND INVERT. PROVIDE ADAPTER AS REQUIRED TO MAKE SIZE AND/OR MATERIAL TRANSITION.
- 3 RE: TYPICAL CONDENSATE STUB DETAIL ON PLUMBING DETAIL SHEET(S).
- 4 RE: EXTERIOR CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- 5 RE: DOUBLE CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- 6 RE: HOSE BIBB AT ROOF DETAIL ON PLUMBING DETAIL SHEET(S).



BLGY ARCHITECTURE 2204 FORBES DRIVE SUITE 101 AUSTIN, TEXAS 78754 (512) 977-0390

PROFESSIONAL'S SEAL

CHAN & PARTNERS ENGINEER: 4319 JAMES CASEY ST. #300 AUSTIN, TX 78745 512-480-8155

STRUCTURAL

JASTER-QUINTANILLA ENGINEER 1608 W. 6TH ST. AUSTIN, TX 78703 512-474-9094

MEP

HCE ENGINEERS 115 E. MAIN ROUND ROCK, TEXAS 78664 512-218-0060

LANDSCAPE

ALEXANDER BOEDY ASSOCIATES 5511 PARKCREST DRIVE, #20 AUSTIN, TEXAS 78731 512-329-9833

TECHNOLOGY

ELERT & ASSOCIATES 8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

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INDEPENDENT SCHOO
AUSTIN, TEXAS

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PROJECT NO .:

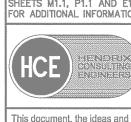
ISSUE DATE: 06.25.12

AUSTIN

20803.00



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY BJ., HENDRO, P.E. NO: 47325 ON: 06-25-12



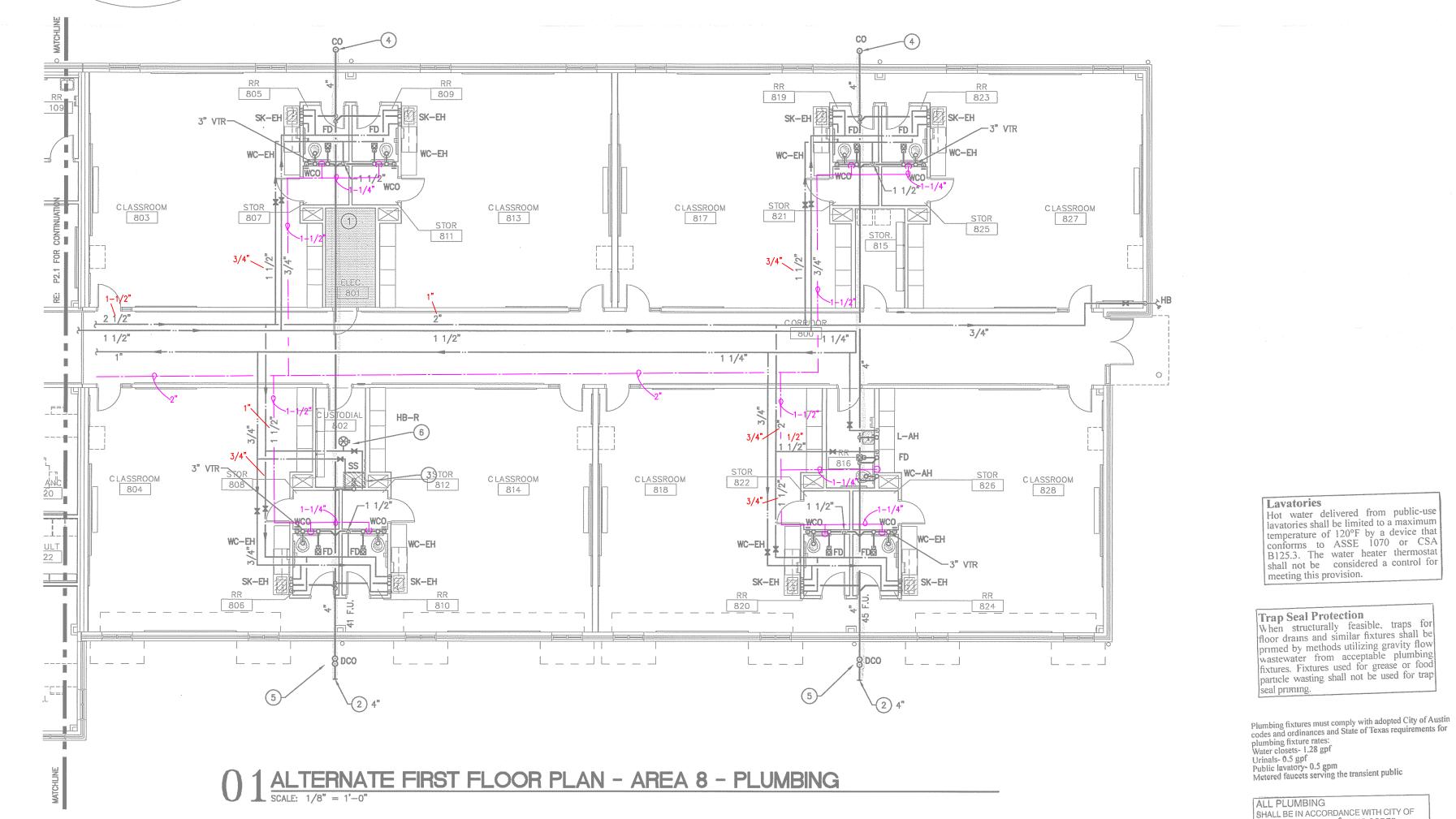
AUSTIN ADOPTED PLUMBING CODES.

REVIEWED DATE - Z

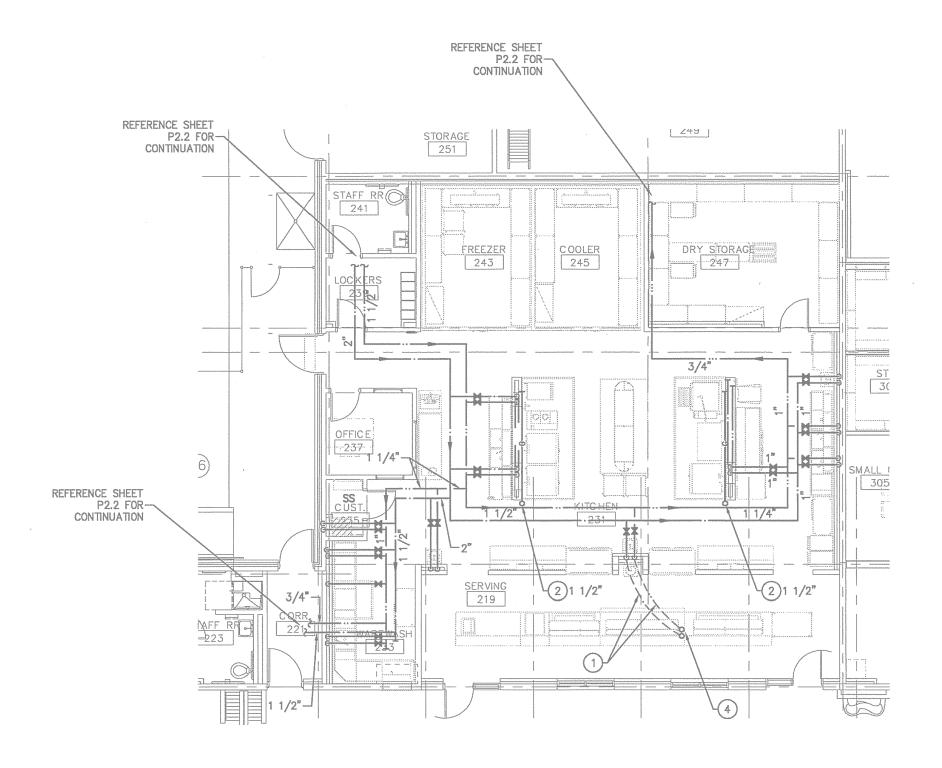
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently, adopted, plumpling code or any other REFERENCE GENERAL NOTES ON SHEETS M1.1, P1.1 AND E1.1 FOR ADDITIONAL INFORMATION

HCE HERES CONSIGNED CONSIGNED CONTROLL
This document, the ideas designs incorporated her and shall remain the prop Hendrix Consulting Engin These documents are no used or altered, in whole part, for other than the or intended use, nor are the assigned to any third parl without written permission Hendrix Consulting Engin F - 4095

rein are perty of ineers. e or in riginal ey to be HCE job no.: 11-077



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



0 2 KITCHEN FLOOR PLAN - ABOVE FLOOR SCALE: 1/8" = 1'-0"

KEYED NOTES

THESE NOTES APPLY TO THIS SHEET ONLY

- WATER LINE ROUTED BELOW FINISH FLOOR. COORDINATE WITH KITCHEN CONSULTANT DRAWINGS. PROVIDE SHUT-OFF VALVE AT STUB-UP LOCATION.
- 2 LOW PRESSURE GAS DOWN FROM ROOF.
- 3 RE: TYPICAL CONDENSATE STUB DETAIL ON PLUMBING DETAIL SHEET(S).
- 4 COORDINATE STUB-UP LOCATIONS WITH KITCHEN CONSULTANT PRIOR TO ROUGH-IN.
- PROVIDE WATTS SERIES 009QT RPZ, BACKFLOW PREVENTOR IN ACCESSIBLE LOCATION.

5 ALL WW PIPING (GT) ROUTED TO GREASE TRAP TO BE CAST IRON. NO PVC ALLOWED.

- ROUTE RELIEF TO FLOOR SINK.
- REFERENCE SHEET P2.2 FOR FLOOR DRAIN WITH FUNNEL FOR DRAIN FROM COOLER/FREEZER.

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FIXTURE CONNECTION SCHEDULE

MARK	CW	HW	TW	WASTE	FIX	DRAIN URE UNITS		VENT
WATER CLOSET (FLUSH VALVE)	1"			WC4"AH L	-AH	L-AH WC-A	Н	2"
WATER CLOSET (TANK TYPE)	1/2"			4"		4		2"
URINAL	3/4"	delicita		2"		2		2"
LAVATORY *	1/2"	999994	1/2"	2"		1	1	1/2" **
SINK ***	1/2"	1/2"	1/2"	2"		2	donne	1/2" **
SERVICE SINK	3/4"	3/4"		3"		2		2"
WASH FOUNTAIN	1/2"		1/2"	2"		2	1	1/2" **
EWC	1/2"	alantela	_	2"		1	1	1/2" **
WASHING MACHINE	3/4"	3/4"	manes-	2"		2		2"
HOSE BIBB	3/4"		-					-
SHOWER * * * *	1/2"	1/2"	onan-	3"		2	1	1/2"
FLOOR DRAIN	_	_	_	3"		2		2"

* HOT (TEMPERED) AND COLD WATER REQUIRED UNLESS NOTED OTHERWISE ON PLUMBING FIXTURE SCHEDULE. PROVIDE TEMPERATURE MIXING VALVE (ASSE 1070) AT THE FIXTURE. * * IF HORIZONTAL VENT LENGTH EXCEEDS 20 FEET, INCREASE VENT SIZE TO TWO INCHES.

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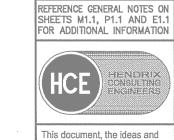
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REFERENCE KITCHEN CONSULTANT **DRAWINGS (FS-1, 2, 3 & 4) FOR** ADDITIONAL REQUIREMENTS IN KITCHEN

ALL WASTEWATER PIPING ROUTED TO GREASE TRAP TO BE CAST IRON. NO PVC ALLOWED IN KITCHEN.

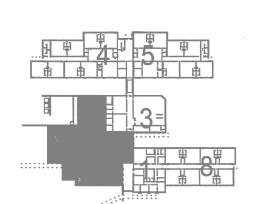
ALL FLOOR DRAINS IN KITCHEN AREA TO BE 4" UNLESS OTHERWISE NOTED.

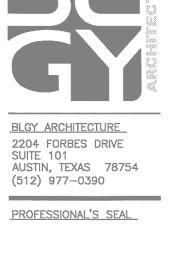




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PLANNING & DEVELOPMENT CITY OF AUSTIN REVISIONS REQUIRED DATE:





CHAN & PARTNERS ENGINEERS 4319 JAMES CASEY ST. #300 AUSTIN, TX 78745 512-480-8155

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PO8-0026-NCES 1 DEPENDENT SCHOC AUSTIN, TEXAS

EME

0 20803.00 PROJECT NO .:

ISSUE DATE: 06.25.12

Cc: Customer (2) SSD Specialist SSD Files

Sample Port Review

Industrial Waste Pla Review

This approval does not absolve the owner/operator this establishment from meeting the Requirements of Chapter 15-10 of the Austin City de (Code) with regard to the quality

pretreatment device be out of compliance with salfode, the owner/operator of said

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of the currently adopted plumbin code or any other

piping into and out of the pretreatment device shallest the requirements of the

Plumbing Code as adopted by the City of Austin.

of efficient discharged into the sanitary sewer. Shot the discharge from the

GPM

Pretreatment Device

Comments: Must install a minimum of a City of Austin approved 2000 gallon grease interceptor

Access to the wastewater service stub for this property is via a proposed private manhole.

A proposed wastewater service stub access (private manhole) will be serving as the sample port.

Office of Industrial Waste, Special Services Division

Austin Water Utility, (512) 972-1060

PRETREATMENT REVIEW

SITE SPECIFICATIONS

Pretreatment Design Approval: The Industrial Waste Office of the Special Services Division has reviewed the plans submitted by the establishment named above and has approved the use of a pretreatment device which meets the

Date: 07/25/12

Zip: 78753

SIC: 5812

Fixture Unit

2000 Gal

Approval Number: 2012-074467-00

Process Type: Food or Grocery Service

Address: 102 E RUNDBERG LN"

Company: Asutin Permit Service

Phone: (512)474-4555

specifications described below.

Waste Source Fixture

4" FS w/2-Comp Sink 4" FS w/3-Comp Sink 4" FS w/Dishwasher

4" FS w/Hot/Cold Wells

4" TD w/Tilt Kettle or Braising

4" FS w/Prerinse Sink

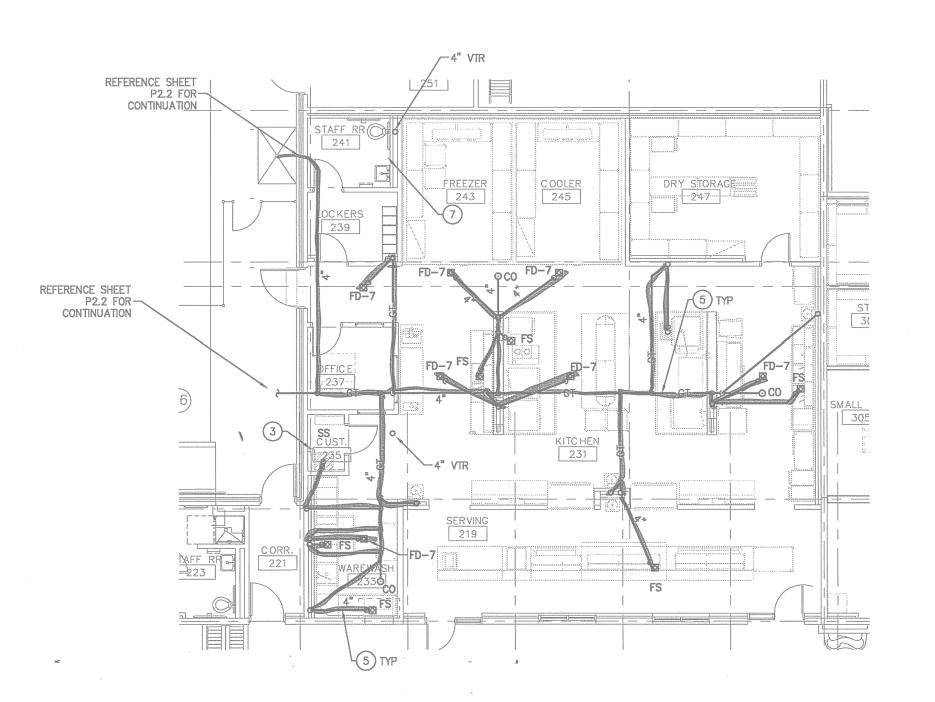
3" Mop Sink

Wastewater Service Stub Access Review

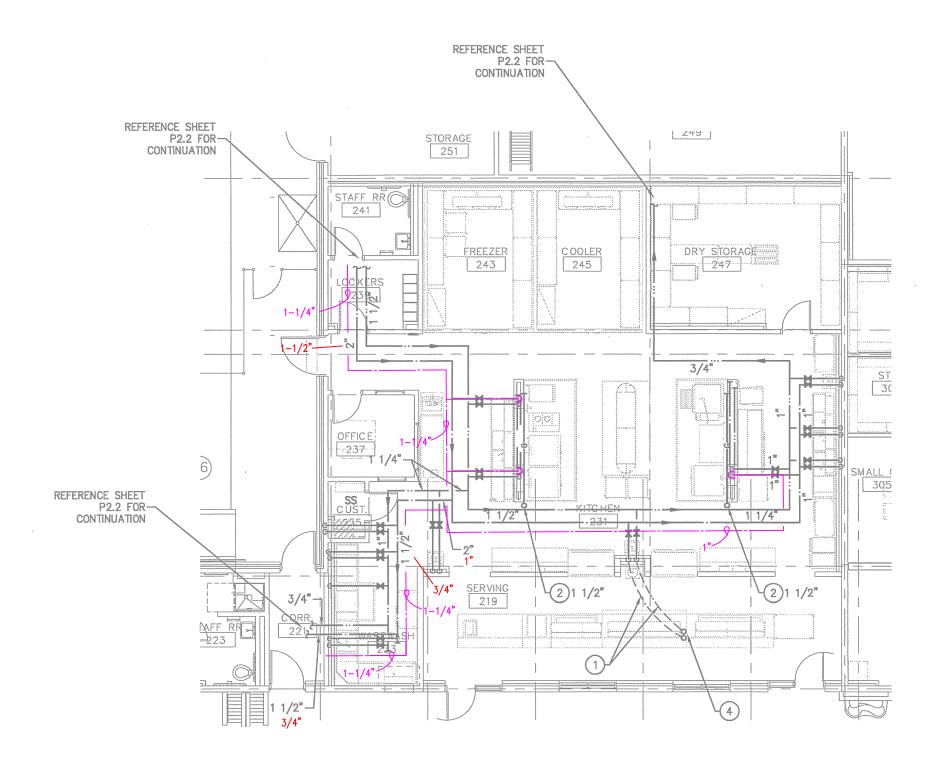
QTY

Service Name: North Central Elm. School

Service Name(2): Kitchen/ 2000 gallon interceptor



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PLANNING & DEVELOPMENT

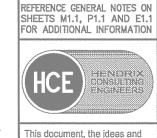
CITY OF AUSTIN

REVISIONS REQUIRED

DATE:

ALL FLOOR DRAINS IN KITCHEN AREA TO BE 4" UNLESS OTHERWISE NOTED.





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HCE job no.: 11-077

Pretreatment Design Approval: The Industrial Waste Office of the Special Services Division has reviewed the plans submitted by the establishment named above and has approved the use of a pretreatment device which meets the specifications described below. QTY Waste Source Fixture Fixture Unit 3" Mop Sink 4" FS w/2-Comp Sink 4" FS w/3-Comp Sink 4" FS w/Dishwasher 4" FS w/Hot/Cold Wells SHALL BE IN ACCORDANCE WITH CITY OF 4" FS w/Prerinse Sink 4" TD w/Tilt Kettle or Braising GPM of the currently adopted plumbin code or any other Pretreatment Device 2000 Gal Comments: Must install a minimum of a City of Austin approved 2000 gallon grease interceptor Wastewater Service Stub Access Review Access to the wastewater service stub for this property is via a proposed private manhole. Sample Port Review A proposed wastewater service stub access (private manhole) will be serving as the sample port. Office of Industrial Waste, Special Services Division Austin Water Utility, (512) 972-1060

Cc: Customer (2) SSD Specialist SSD Files

Approval Number: 2012-074467-00

Process Type: Food or Grocery Service

Address: 102 E RUNDBERG LN"

Company: Asutin Permit Service

Phone: (512)474-4555

Service Name: North Central Elm. School

Service Name(2): Kitchen/ 2000 gallon interceptor

PRETREATMENT REVIEW

SITE SPECIFICATIONS

Date: 07/25/12

Zip: 78753

SIC: 5812

Industrial Waste Pla Review

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BLGY ARCHITECTURE 2204 FORBES DRIVE

(512) 977-0390

AUSTIN, TEXAS 78754

PROFESSIONAL'S SEAL

CHAN & PARTNERS ENGINEERS

4319 JAMES CASEY ST. #300

JASTER-QUINTANILLA ENGINEEF

ROUND ROCK, TEXAS 78664

ALEXANDER BOEDY ASSOCIATES

5511 PARKCREST DRIVE, #207. AUSTIN, TEXAS 78731

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8500 N. MOPAC, #813 AUSTIN, TEXAS 78759 512-451-5445

PO8-0026-NCES 1 DEPENDENT SCHOC AUSTIN, TEXAS

20803.00

EME

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PROJECT NO .:

ISSUE DATE: 06.25.12

TECHNOLOGY

115 E. MAIN

LANDSCAPE

STRUCTURAL