GENERAL NOTES

- 1. CONTRACTOR MUST VERIFY ALL DIMENSIONS IN FIELD AT START OF PROJECT. DRAWINGS ARE NOT BASED ON SITE SURVEY. REPORT ANY DISCREPANCY IMMEDIATELY TO PROJECT MANAGER.
- 2. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND SPECIFICATIONS, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CITY PROJECT MANAGER.
- 3. ALL WORK SHALL BE PERFORMED ACCORDING TO CBC, CMC, CPC, CEC, ASTM D1557, ASTM D1556, ALL APPLICABLE CITY OF TORRANCE STANDARDS, CITY ORDINANCE, CALIFORNIA ENERGY STANDARDS AND THE 2009 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND ANY SUPPLEMENTS.
- 4. THIS WORK SHALL BE INSTALLED BY A 'B' LICENSED CONTRACTOR WHO SHALL CARRY WORKMAN'S COMPENSATION, PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY THE CITY OF TORRANCE.

CODES/STANDARDS

- 5. CHECK FOR EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION WORK. NOTIFY PERTINENT UTILITIES AND UNDERGROUND SERVICE ALERT AT 8-1-1 TWO WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
- 6. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY OR SUBSTRUCTURE SHOWN IN THESE PLANS WAS OBTAINED BY A SEARCH OF AVAILABLE RECORDS. NO CERTIFICATION IS MADE AS TO ACCURACY OR THOROUGHNESS OF THESE RECORDS. APPROVAL OF THESE PLANS BY THE CITY OF TORRANCE DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF COMPLETENESS, LOCATION, THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY OR SUBSTRUCTURE WITHIN THE LIMITS OF THE PROJECT.
- 7. CONTRACTOR SHALL OBTAIN A BUILDING PERMIT. FEE WILL BE WAIVED.
- 8. CONTRACTOR SHALL PROVIDE PRELIMINARY AND FINAL LIEN RELEASES FROM ALL SUB-CONTRACTORS PRIOR TO FINAL PAYMENT.
- 9. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH DEMOLITION OR CONSTRUCTION SHOWN WHEN IT IS OBVIOUS THAT UNKNOWN CONDITIONS, OBJECTS, OR GRADE CHANGES EXIST THAT MAY HAVE NOT BEEN KNOWN DURING THE PREPARATION OF THIS PLAN. SUCH CONDITIONS, OBJECTS, OR GRADE CHANGES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CITY REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTICE.
- 10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY POWER, WATER, AND LIGHTING AS REQUIRED TO PERFORM THE WORK. AT NO TIME DURING CONSTRUCTION SHALL WATER AND POWER BE TURNED OFF WITHOUT PRIOR COORDINATION AND WRITTEN APPROVAL BY CITY.
- 11. CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS AND RUBBISH INCIDENTAL TO THE WORK. ALL CONSTRUCTION DEBRIS SHALL BE CLEARED FROM THE SITE AT THE END OF EACH DAY.
- 12. CONTRACTOR'S ON-SITE DUMPSTER MUST BE FROM THE CITY OF TORRANCE APPROVED COMPANIES.
- 13. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF PROPERLY AND IN ACCORDANCE WITH THE PROCEDURES STATED IN THE APPENDIX I, WASTE MANAGEMENT PLANNING FOR CONSTRUCTION AND DEMOLITION (C&D) PROJECTS, OF THE BID DOCUMENTS.
- 14. APPLICATION OF ANY CHEMICALS SHALL BE BY STATE LICENSED PERSONNEL. ALL PESTICIDE APPLICATIONS REQUIRE A P.C.A. RECOMMENDATION.
- 15. PRODUCTS THAT ARE DESIGNATED BY THE MANUFACTURER MAY BE SUBSTITUTED BY EQUAL PRODUCTS SUBJECT TO PRIOR WRITTEN APPROVAL OF THE CITY PROJECT MANAGER.
- 16. CONSTRUCTION CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE SAFETY OF ALL PERSONS AND PROPERTY IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONALS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A CONSTRUCTION SURVEY IF IT IS DEEMED NECESSARY.
- 18. ALL THE WORK INCLUDED IN THE SCOPE MUST BE AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT AND CALIFORNIA BUILDING CODE (CBC) CH. 11B COMPLIANT, UNLESS NOTED OTHERWISE.
- 19. ALL FLOOR, WALL, AND CEILING SURFACES TO BE PATCHED, REPAIRED, AND FINISHED TO MATCH EXISTING ADJACENT SURFACE. IN ORDER TO COMPLETE THE WORK THE CONTRACTOR MAY NEED TO DEMOLISH MORE SURFACES THAN SHOWN ON THE PLANS AND MUST PATCH, REPAIR, AND/OR PAINT AS REQUIRED TO RETURN THE SPACES TO A FINISHED CONDITION.
- 20. ALL FLUORESCENT FIXTURES WITH DOUBLE-ENDED LAMPS SHALL BE EQUIPPED WITH DISCONNECT MEANS PER 410.73(G) [SECT. CEC 2016]

CITY OF TORRANCE

GREENWOOD PARK RESTROOM RENOVATION

PROJECT DATA

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TORRANCE

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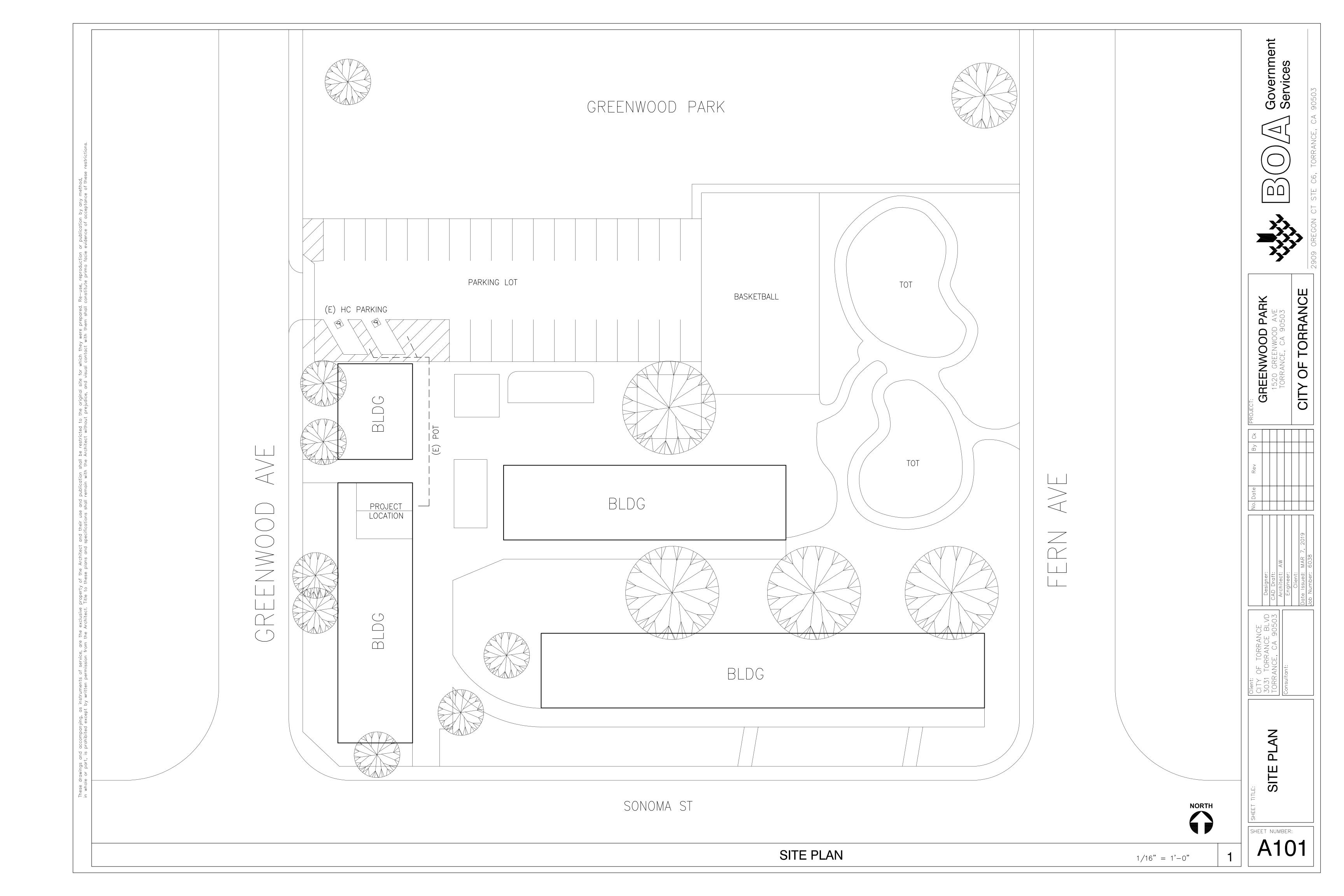
CITY

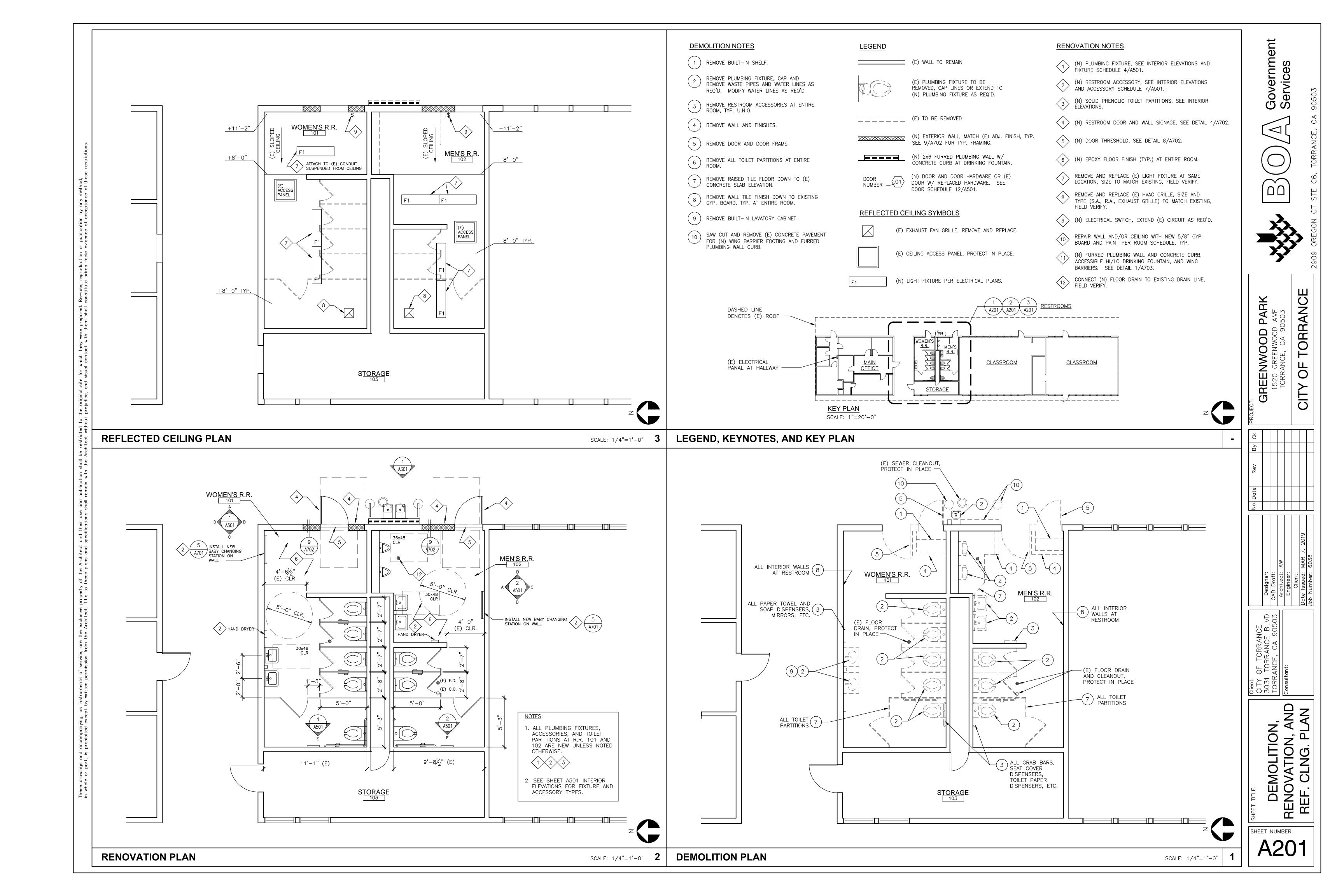
INDEX TO DRAWINGS

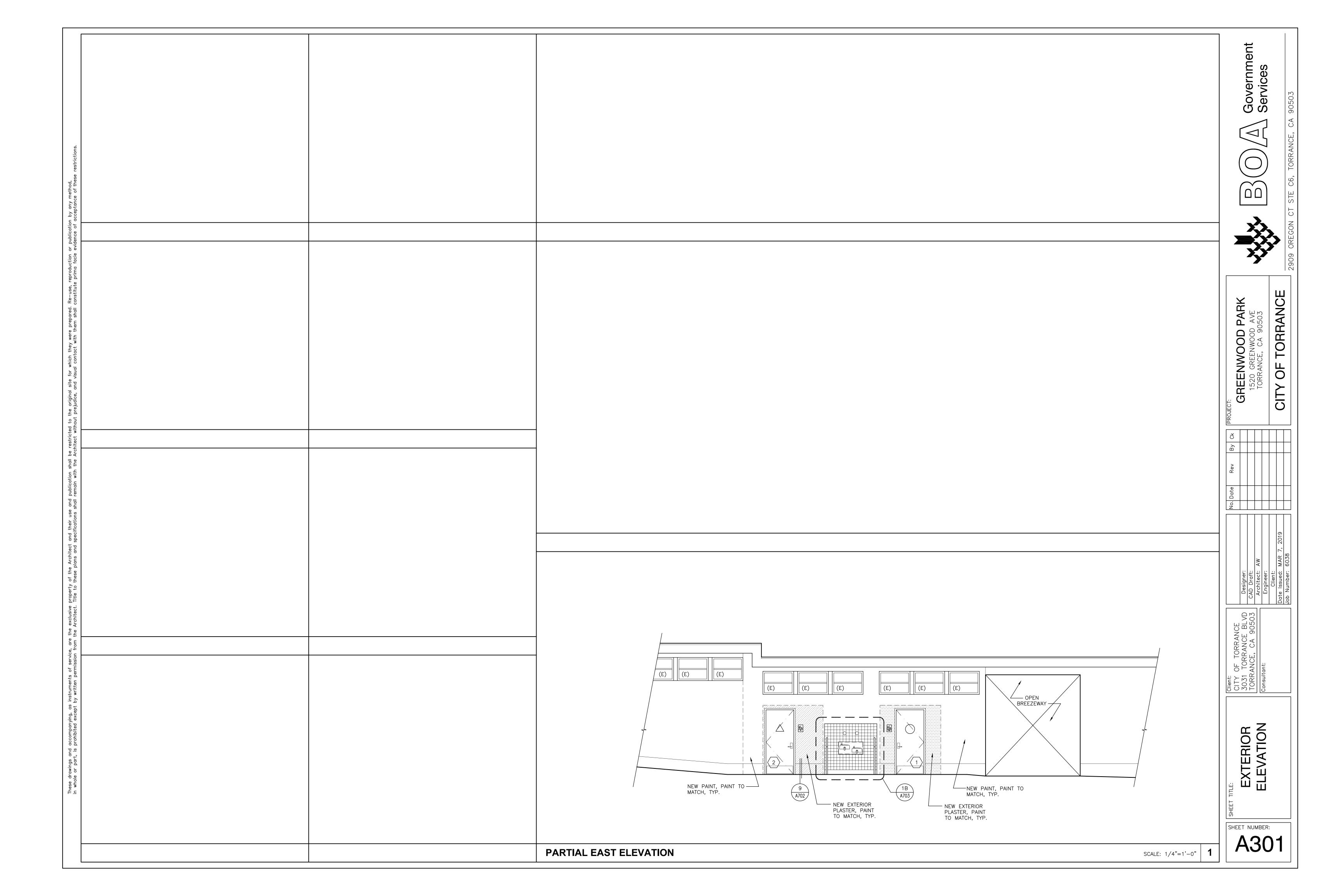
1520 GREENWOOD AVE TORRANCE, CA 90503

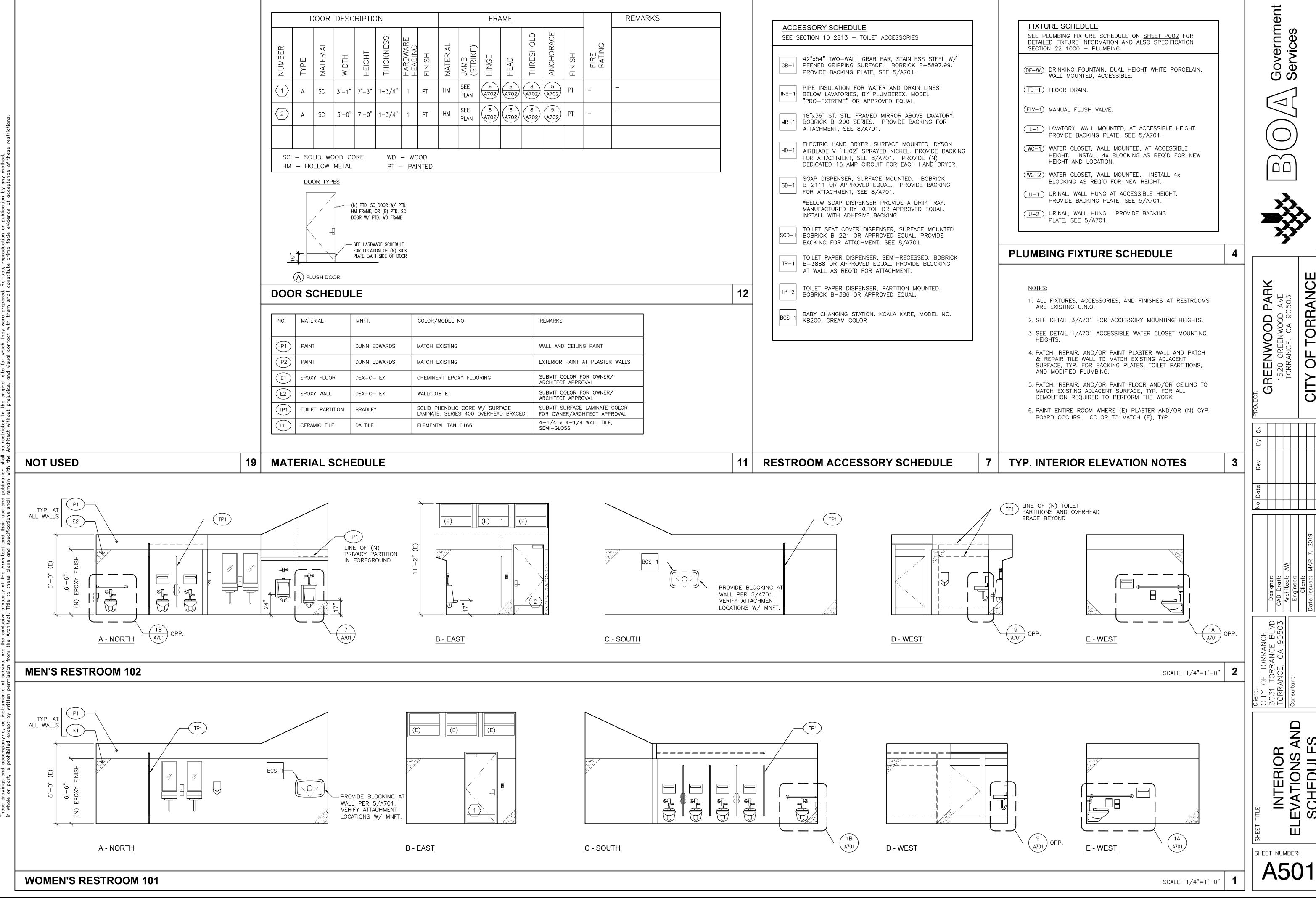
ABBREVIATIONS

	+					—	_		11
APPLICABLE CODES:	(D)	DEMOLISH	IN.	INCHES	A DUIL DING CODE	INDEX NO.	SHEET NO.	DESCRIPTION	
PART 1 2016 BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE & CALIFORNIA AMENDMENTS)	(E) (N)	EXISTING NEW	INFO. I.D.	INFORMATION INSIDE DIAMETER	A. BUILDING CODE: 2016 CALIF BUILDING CODE B. TYPE OF CONST. TYPE VB				
PART 2 2016 CALIFORNIA BUILDING CODE (CBC), TITLE 24. C.C.R.; (2015 INTERNATIONAL BUILDING CODE & CALIFORNIA AMENDMENTS)	((· · · · · · · · · · · · · · · · · ·	AT	.IT	JOINT	C. GROUP OCCUPANCY B D. NUMBER OF STORIES ONE (EXISTING)	<u> </u>	T001	TITLE SHEET, INDEX TO DRAWINGS, AND GENERAL NOTES	- XX
	AL &	AND	JT. LT. WT.		E. FLOOR AREA: ???			ARCHITECTURAL	
PART 3 2016 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R.; (2014 NATION ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)		ADJACENT	LI. WI. L.F.	LIGHT WEIGHT LINEAL FOOT	F. SPRINKLERED BUILDING NO		A101		XX
PART 4 2016 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R.; (2015 UNIFOR MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING		ABOVE FINISHED FLOOR ALUMINUM	MFR.	MANUFACTURER	NO SOLIARE FOOTAGE ADDED		A201	DEMOLITION, RENOVATION, AND REFLECTED CEILING PLAN	->
AND MECHANICAL OFFICIALS, IAMPO) PART 5 2016 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.;	ASTM.	AMERICAN SOCIETY FOR TESTING	MATL.	MATERIAL	NO SQUARE FOOTAGE ADDED.		A301	EXTERIOR ELEVATIONS	
PART 5 2016 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.; (2015 UNIFORM PLUMBING CODE OF THE IAMPO)	ADOLL	MATERIALS	MAX. MECH.	MAXIMUM MECHANICAL			A501		
PART 6 2016 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R. PART 8 2016 CALIFORNIA HISTORICAL CODE, TITLE 24 C.C.R.	ARCH.	ARCHITECTURAL or ARCHITECT	MTL.	METAL			A701		<u> </u> <u> </u> <u> </u>
PART 9 2016 CALIFORNIA FIRE CODE (CFC), TITLE 24, C.C.R.; (2015 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL)	A.C. AVE.	ASPHALTIC CONCRETE AVENUE	MIN. MISC.	MINIMUM MISCELANEOUS			A702		
(2015 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL) PART 10 2016 CALIFORNIA EXISTING BUILDING CODE, TITLE 24, C.C.R.;	BLDG.	BUILDING	N	NORTH			A703	DETAILS	
(2015 IBC OF INTERNATIONAL CODE COUNCIL, WITH CALIFORNIA AMENDMENTS)		N.I.C.	NOT IN CONTRACT			-	PLUMBING	D 4 0
PART 11 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, TITLE 24 C.C.R. PART 12 2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 C.C.R.	C.B. C.B.C.	CATCH BASIN CALIFORNIA BUILDING CODE	N.T.S. NO./#	NOT TO SCALE NUMBER	SCOPE OF WORK SUMMARY		P101		
PART 12 2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 C.C.R. PARTIAL LIST OF APPLICABLE STANDARDS:	C.C.	CEMENT CONCRETE		/C ON CENTER			P201	DEMOLITION, RENOVATION PLAN	AEENWOO 1520 GREENWO TORRANCE, CA
NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIFORNIA AMENDED) 2016 EDITION	CLG. CLR.	CEILING CLEAR	0.C. or 0,	OUTSIDE DIAMETER	1. RENOVATION OF (2) RESTROOMS.				
NFPA 14 STANDPIPE SYSTEMS 2016 EDITION	CONC.	CONCRETE	P.A.	PLANTING AREA	1. RENOVATION OF (2) RESTROOMS.			ELECTRICAL	
NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2016 EDITION NFPA 17a WET CHEMICAL SYSTEMS 2016 EDITION	CONC. BI	LK. CONCRETE BLOCK CONSTRUCTION	PLAS. PLYWD.	PLASTER PLYWOOD			E201	DEMOLITION, RENOVATION PLAN, SCHEDULE	H 20 C
NFPA 20 STATIONARY PUMPS 2016 EDITION	C.J.	CONSTRUCTION JOINT	PLYWD. PL	PLYWOOD PROPERTY LINE		<u> </u>			H 5 >
NFPA 24 PRIVATE FIRE MAINS 2016 EDITION NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) 2016 EDITION	CORR.	CORRIDOR	QTY.	QUANTITY	MECHANICAL, ELECTRICAL AND PLUMBING PLANS ARE UNDER A	<u> </u>			
NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2014 EDITION	DET.	DETAIL	REQ'D.	REQUIRED	SEPARATE PERMIT AND A SEPARATE SUBMITTAL.				
NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2015 EDITION REFERENCE CODE SECTION FOR NFPA STANDARDS — 2016 CBC (SFM) 3504.1	DIA. (Ø) DIM.	DIAMETER DIMENSION	R.O.	ROUGH OPENING					PRC
LIST OF APPLICABLE FEDERAL CODES AND STANDARDS:	D.O.	DOOR OPENING	SF	SQUARE FOOT					
AMERICANS WITH DISABILITIES ACE (ADA), TITLE II. FOR TITLE II: ADA	D.F. DN.	DOUGLAS FIR DOWN	SIM.	SIMILAR					
STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36).	D.S. DWG.	DOWN SPOUT	S SPEC.(S)	SOUTH SPECIFICATION(S)		<u> </u>			By
	DWG.	DRAWING	SQ. FT.	SQUARE FOOT/FEET			-		
	EA.	EACH EAST	S. STL. STD.	STAINLESS STEEL STANDARD	PROJECT DIRECTORY		+		요 N
	ELECT.	ELECTRICAL	STL.	STEEL		-			
	EL. ENGR.	ELEVATION ENGINEER	S.D. STRUCT.	STORM DRAIN STRUCTURAL	ARCHITECT NAME: ANTHONY J. WU TITLE / POSITION: PRINCIPAL ARCHITECT				Date
	EQ.	EQUAL			COMPANY NAME: BOA GOVERNMENT SERVICES				o Z
	EXIST. EXP.	EXISTING EXPANSION	TA THK.	TREE AREA THICK	TELEPHONE NUMBER: (310) 783-5129 E-MAIL ADDRESS: anthony.wu@boa-gs.com				
CANDOLC	EXP. JT.	EXPANSION JOINT	T & G TYP.	TONGUE & GROOVE TYPICAL	E-MAIL ADDRESS: anthony.wu@boa-gs.com				
SYMBOLS	EXT.	EXTERIOR							
	F.O.C. F.O.M.	FACE OF CONCRETE FACE OF MASONRY	U.L.	UNDERWRITERS LABORATORIES			-		
	FT.	FEET		INCORPORATED	CITY OF TORRANCE CONTACTS:				
SYMBOL DESCRIPTION SYMBOL DESCRIPTION	FIN. F.F.	FINISH FINISH FLOOR	U.N.O.	UNLESS NOTED OTHERWISE					
DETAIL NUMBER 1 REVISION CLOUD	F.S.	FINISH SURFACE			Project Office Manager: Nina Schroeder 310-781-7151 Project Field Manager: Steve Minor 310-953-1355				Designer: CAD Draft: Architect: Engineer: Client:
A700 SHEET NUMBER A700 SHEET NUMBER AND DELTA	F.E. F.E.C.	FIRE EXTINGUISHER FIRE EXTINGUISHER	VENT VIF	VENTILATION VERIFY IN FIELD	Building Inspection Office: 310-618-5951				Desid
		CABINET	V.P.	VENT PIPE	5 1 6 specimen content of the conten				$\begin{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \end{bmatrix} \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} \begin{bmatrix} 1 \\ $
DETAIL ELEV. NUMBER 1 DOOR NUMBER	F.H.C. F.H.	FIRE HOSE CABINET FIRE HYDRANT	VERT. VOL.	VERTICAL VOLUME					
DETAIL ELEV. NUMBER A500 SHEET NUMBER 1 DOOR NUMBER	FLR.	FLOOR				<u> </u>			
(A) WINDOW NUMBER	F.D.	FLOOR DRAIN	W.H. W.M.	WATER HEATER WATER METER	VICINI	TY	M_{i}	AP	NCE 90;
SECTION NUMBER	GA. GALV.	GAGE (GAUGE) GALVANIZED	WT.	WEIGHT		-			KAA KAA
CASEWORK DESIGN SERIES (C	GALV. GL.	GALVANIZED GLASS	W W/	WEST WITH					RAI C
SHEET NUMBER 500 SERIES NUMBER 36 24 CABINET DEPTH	HGT./HT	HEIGHT	W/O	WITHOUT	l I				OF TORRANCE TORRANCE BLVD RANCE, CA 90503 tant:
CABINET HEIGHT					TORRANCE BLVD				1·: < ← ഥ II=
EXISTING WOOD OR METAL STUD WALL CABINET WIDTH					TOTALANCE BLVD		<u> </u>		Client: CITY 3031 TORF
LOBBY ROOM NAME					E E	AVF		BLVD	
1-HR WALL 104 ROOM #					AVE	000			
9'-0" CEILING HEIGHT					MAPLE / KONTHILL	N N H		RN A AV BECH	_
EXISTING WALL TO BE REMOVED ———— LIMITS OF WORK					HAM ST	SR	5		<u> </u>
EXIST. PROP. LINE							DEE: "		
MR GWB AT RESTROOMS					ONDADO OT		GREENV PAR		H
AND PTD. GWB AT ALL X X EXIST. CHAIN LINK OTHER ROOMS, TYP.					ONRADO ST	,			S
CHAINLINK FENCE					SONOMA ST	()	Ш
CONCRETE					——————————————————————————————————————	· · · · · ·			
GYPSUM BOARD, CEM. GROUT, PLASTER CONCRETE PAVING								PROJECT SITE	
					LOWE IRIS			TINOULUI SIIE	⊨
EARTH ASPHALTIC CONCRET	TE				W CARSON ST	-			HEE
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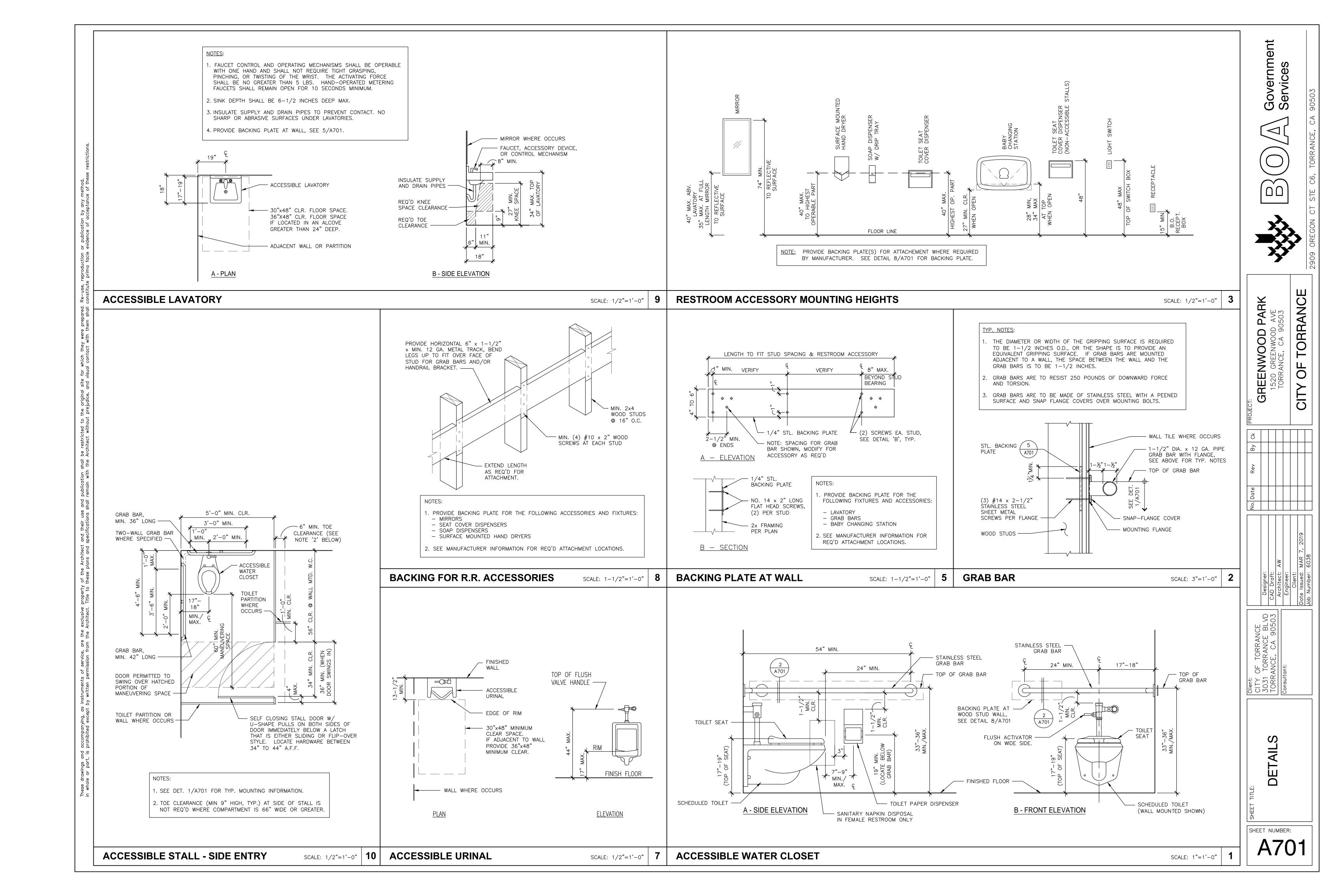
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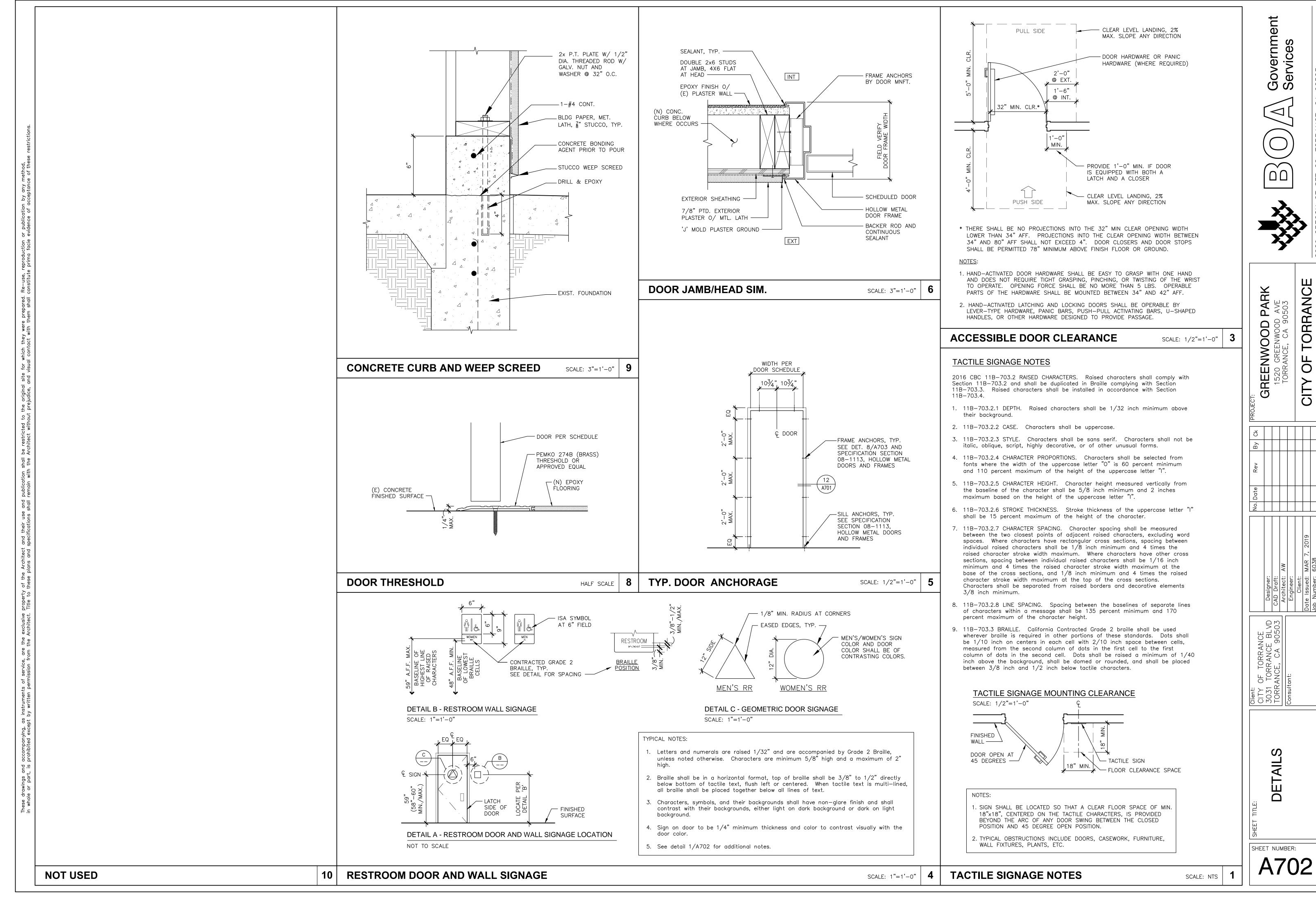
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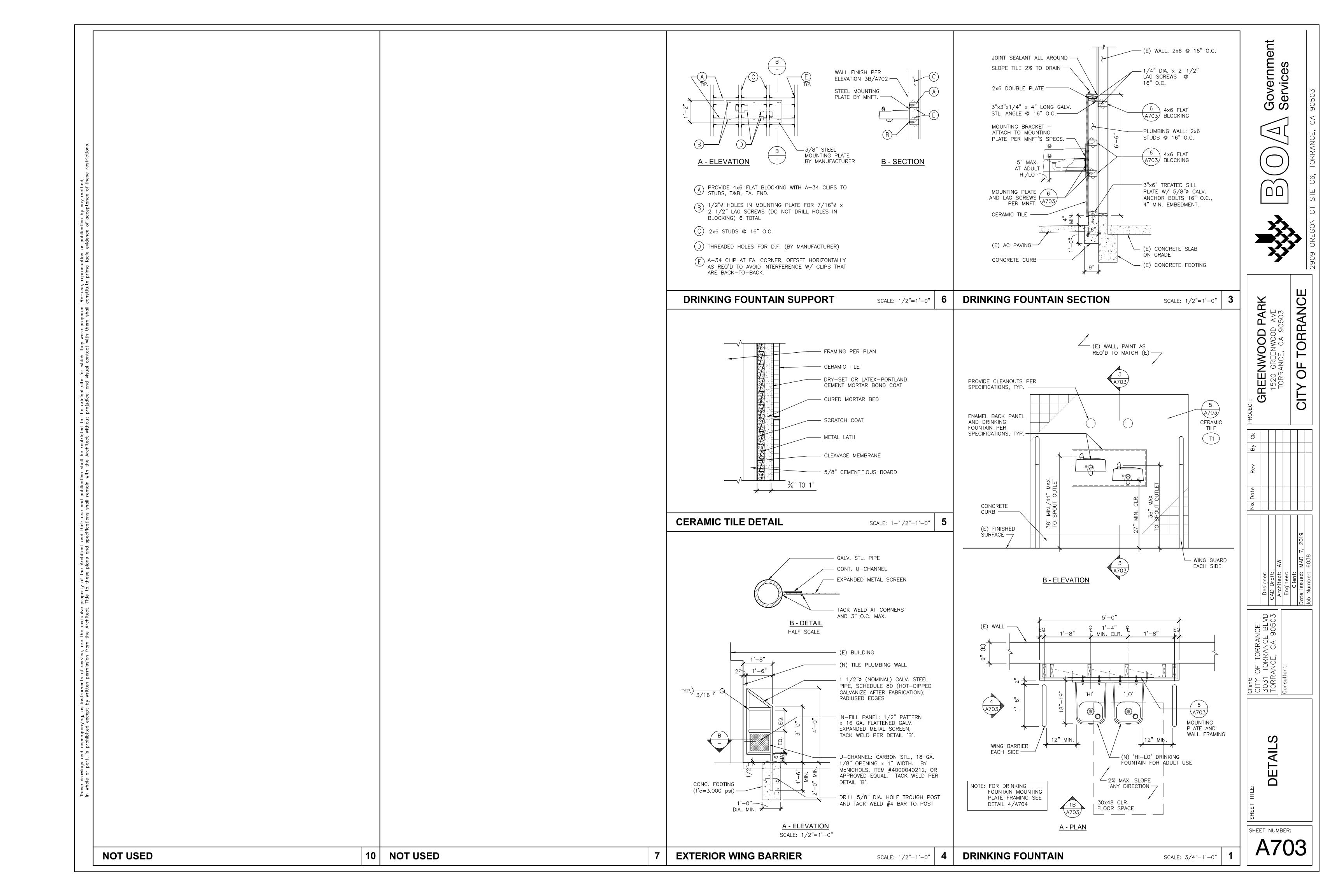
INTERIOR ELEVATIONS AND SCHEDULES

SHEET NUMBER:





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GENERAL NOTES

- THE CITY OF TORRANCE APPROVAL STAMP IS REQUIRED ON THE SETS OF PLANS THAT ARE USED FOR THE FINAL PERMIT ISSUANCE.
- CONTRACTOR SHALL VERIFY EXACT LOCATION OF EXISTING LINES, LATERALS AND WYES BEFORE STARTING. SHOULD IT BE NECESSARY TO REROUTE LINES DUE TO CONDITIONS FOUND ON THE SITE OR IF INDICATED P.O.C. CANNOT BE MADE TO THE LINES AS FOUND. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE INSTALLING ANY WORK WHICH MAY BE AFFECTED.
- OFFSET PIPES AS REQUIRED TO CLEAR MECHANICAL DUCTWORK.
- CONTROLS FOR WATER CLOSETS AND LAVATORIES SHALL BE ON THE WIDE 23. ALL PIPE BRANCH CONNECTIONS SHALL OFF-SET. NO "BULL HEAD"
- EACH PLUMBING FIXTURE SHALL HAVE AN APPROVED TYPE WATERSEAL
- FURNISH AND INSTALL A SHUT-OFF VALVE, PLUG COCK OR STOP AT EACH PIECE OF EQUIPMENT FURNISHED BY OTHERS REQUIRING DRAIN, WASTE, WATER, GAS, ETC.
- SEAL AND FLASH ALL PENETRATIONS THROUGH ROOF WATERTIGHT. REFER TO MECHANICAL DRAWINGS FOR THE EXACT LOCATION OF ALL
- A.C. UNITS. UNLESS OTHERWISE NOTED, ALL CONDENSATE AND GAS DROPS SHALL

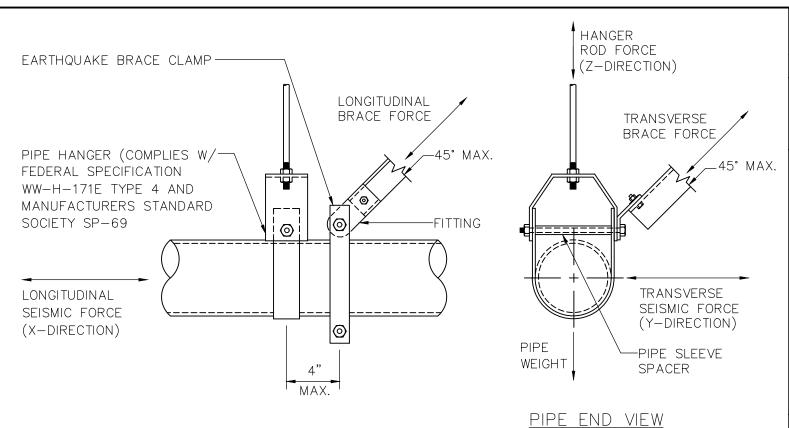
BE CONCEALED IN WALLS.

- THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL OFFSETS, BENDS, SPECIAL FITTINGS AND LOCATIONS ARE NOT EXACTLY LOCATED. THE CONTRACTOR SHALL LOCATE ALL OFFSETS, BENDS, AND SPECIAL FITTINGS TO SUIT JOB SITE CONDITIONS. THEREFORE THE CONTRACTOR SHALL MAKE HIMSELF FULLY AWARE OF ALL EXISTING CONDITIONS AND LOCATE ALL REQUIRED SPECIAL FITTINGS TO SUIT EXISTING CONDITIONS.
- THIS CONTRACTOR SHALL COMPLY WITH ALL CONTRACT DOCUMENTS IN LAYING OUT HIS WORK AND EQUIPMENT. HE SHALL COORDINATE THE WORK OF THIS SECTION WITH THE WORK OF OTHER TRADES AND ALL JOB | 26. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY CONDITIONS.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENT AGENCIES.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL TRADES AT THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE PLANS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
- AFTER ALL REQUIREMENTS OF THE SPECIFICATIONS AND/OR THE DRAWINGS HAVE BEEN FULLY COMPLETED, REPRESENTATIVES OF THE OWNER WILL INSPECT THE WORK. THE CONTRACTOR SHALL PROVIDE COMPETENT PERSONNEL TO DEMONSTRATE THE OPERATION OF ANY ITEM OR SYSTEM, TO THE FULL SATISFACTION OF EACH REPRESENTATIVE. FINAL ACCEPTANCE OF THE WORK WILL BE MADE BY THE OWNER AFTER RECEIPT OF APPROVAL AND RECOMMENDATION OF ACCEPTANCE FROM EACH REPRESENTATIVE.
- WHEREVER A DISCREPANCY IN QUANTITY OR SIZE OF MECHANICAL EQUIPMENT MATERIAL ARISES ON THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON DRAWINGS AND/OR IN THE SPECIFICATION TO ENSURE COMPLETE AND OPERABLE SYSTEMS.
- ALL PIPING INSULATION AND SEALING MATERIALS SHALL HAVE FLAME SPREAD RATING NOT EXCEEDING 25 AND SMOKE DEVELOPED RATING NOT EXCEEDING 50.
- BEFORE ORDERING ANY PIECE OF EQUIPMENT, THE CONTRACTOR SHALL PROVIDE EQUIPMENT SUBMITTALS, AND SHOP DRAWINGS WITH EQUIPMENT DIMENSIONS, AND SITE CLEARANCE AVAILABLE. WHERE REQUIRED BY SPACE LIMITATIONS HAVE UNITS SHIPPED IN SECTIONS.

- SANITARY VENTS THRU ROOF TO BE 10'-0" FROM ANY AND ALL FRESH AIR INTAKES, FAN DISCHARGE OR HEATING EQUIPMENT.
- 19. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL PLUMBING FIXTURES.
- 20. ALL SINKS , LAVATORY AND URINALS TO HAVE WALL CLEAN-OUTS.
- 21. VERIFY ALL FIXTURE HEIGHTS PRIOR TO ROUGH-IN. SEE ARCHITECTURAL DRAWINGS.
- 22. ALL HANDICAP ACCESSIBLE PLUMBING FIXTURES SHALL MEET ADA REQUIREMENTS.
- CONNECTIONS WILL BE ALLOWED.
- INSTALL WATER HAMMER ARRESTORS IN THE HOT AND COLD WATER SUPPLY TO EACH FIXTURE OR IN THE HEADER SUPPLY TO A BATTERY OF FIXTURES SIZED PER PDI STANDARD WH-201.
- 25. INTERRUPTION OF EXISTING SERVICES: THE CONTRACTOR'S ATTENTION IS CALLED TO THE PRESENCE OF EXISTING, CONDUIT, PIPING, ETC. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGE BY HIM OR HIS CAUSED WORK TO EXISTING BUILDINGS, CONDUIT, PIPING, PLANTS, ETC. NEW WORK AND INSTALLATIONS SHALL BE MADE WITH MINIMAL INTERRUPTIONS OF SERVICES TO EXISTING BUILDINGS ANY INTERRUPTIONS REQUIRED SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO THE OWNER, AND AT TIMES AS APPROVED IN ADVANCE BY THE ARCHITECT. NEW WORK AND INSTALLATIONS SHALL NOT IMPAIR THE PROPER FUNCTIONING OF THE EXISTING FACILITY. THE COMPLETED PROJECT SHALL BE A PROPERLY FUNCTIONING ENTITY THROUGHOUT. FURNISH ALL LABOR AND MATERIALS REQUIRED TO RELOCATE, REMOVE, REINSTALL, RECONNECT, REPLACE, ETC., ANY EXISTING PIPING TO ACCOMMODATE THE WORK. MATERIALS SHALL BE AS SPECIFIED UNLESS OTHERWISE APPROVED I IN WRITTING BY THE ARCHITECT. CONTRACTOR SHALL INCLUDE IN HIS BID ANY EXTRA WORK REQUIRED TO MINIMIZE SHUTDOWN TIME.
- FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
- 27. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF A.D.A. FIXTURES AND ADJUST ROUGH—INS ACCORDINGLY.
- 28. UNDERGROUND PIPING AS PER STRUCTURAL DETAILS.
- 29. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.
- 30. ALL OPENINGS THAT WERE CUT OPEN TO INSTALL PLUMBING WORK TO BE PATCHED BACK SO FINISH MATCH EXISTING ADJACENT SURFACES OR REFINISHED PER ARCH. DRAWINGS.

PIPE MATE	RIAL SCHEDU	ILE all waste lines	TO SLOPE MINIMUM O	F 2%	
SERVICE	PIPE MATERIAL & WEIGHT	TYPE OF JOINTS	PRESSURE FITTING MATERIAL	SHUT-OFF RATINGS PSI	VALVE
COLD WATER ABV. GROUND	COPPER L TUBE	SOLDERED	CAST BRONZE/ WROUGHT COPPER	125	BALL, GATE, CHECK
HOT WATER ABV. GROUND	COPPER K TUBE	BRAZED	CAST BRONZE/ WROUGHT COPPER	125	BALL, GATE
WASTE, SOIL ABV. GROUND	NO-HUB CAST IRON	NO-HUB, 4 BAND	N/A	N/A	N/A
VENT	NO-HUB CAST IRON	NO-HUB, 2 BAND	N/A	N/A	N/A

	PLUMBING FIXTURE SCHEDULE								
	ROUGH-IN CONNECTIONS								
SYMBOL	DESCRIPTION	WASTE	TRAP	VENT	COLD WATER	HOT WATER	REMARKS		
WC 1	WATER CLOSET AMERICAN STD. #2294.011EC	4"	INT.	2"	1 1/2"	_	"AFWALL RETROFIT" WALLMOUNT REAR OUTLET FLUSHOMETER VALVE TOILET VITREOUS CHINA, 1.28 GPF ELONGATED BOWL WITH AMERICAN STANDARD #5901.100 HEAVY DUTY OPEN FRONT SEAT LESS COVER AND AMERICAN STANDARD MODEL #6047.121.002 TOP SPUD FLUSHOMETER VALVE. FOR ADA TOILETS, INSTALL WITH ADA REQUIREMENTS AND FLUSH LEVER ON WIDESIDE.		
UR 1	TOTO USA URINAL MODEL UT104E	2"	INT.	1 1/2"	3/4"	_	TOTO USA UT104E TOP SPUD ADA COMPLIANT URINAL "VITREOUS CHINA". WALL HUNG. COMPLETE WITH WALL HANGER BRACKETS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE 3/4" CW. INCLUDE TOTO MANUAL FLUSHVALVE TMU1LN12#CP, 0.5GPF. INSTALL AT RIM HEIGHT AT 24" FOR NON-ADA, AND 17" RIM HEIGHT FOR ADA VERSIONS.		
L 1	LAVATORY AMERICAN STD. #0355.027	2"	1 1/4" X 1 1/2"	1 1/2"	1/2"	1/2"	"LUCERNE" WALL-HUNG LAVATORY, SINGLE CENTER FAUCET HOLE VITREOUS CHINA, FRONT OVERFLOW, SELF-DRAINING DECK AREA WITH CHICAGO FAUCETS 3400-E39VPABCP 4" CENTERS, 0.35 GPM SINGLE SUPPLY HAND WASHING FAUCET VANDAL RESISTANT SPRAY HEAD. PROVIDE McGUIRE PROWRAP SEAMLESS PREWRAPPED INSULATION KIT.		
FD 1	FLOOR DRAIN J.R. SMITH #2005Y	2"	2"	1-1/2"	*	_	CAST IRON BODY WITH FLASHING COLLAR AND NICKEL BRONZE ROUND ADJUSTABLE STRAINER. *PROVIDE 1/2" TRAP PRIMER CONNECTION		



PIPE SIDE VIEW

NOTE:

PIPE HANGER ROD SHALL BE DESIGNED FOR A COMPRESSION LOAD EQUAL TO THE VERTICAL COMPONENT OF THE BRACE FORCE MINUS 5/6 OF THE TRIBUTARY DEAD LOAD OF THE PIPE.

ANCHORAGE AND BRACING NOTES

1. PIPES, DUCTS AND CONDUITS SHALL BE SUPPORTED AND BRACED PER THE SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING SYSTEMS". THE "SUPERSTRUT SEISMIC RESTRAINT STSEM" FOR PIPES AND CONDUITS ONLY.

TYP.	PIPE	HANGAR
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NO SCALE

			PLUMBING LEGEND	
	SYMBOL	ABBREV.	DESCRIPTION	
		C.W.	COLD WATER	
		H.W.	HOT WATER	
	G	G.	FUEL GAS	
	CD	C.D.	CONDENSATE DRAIN	
		V	VENT	
	- — —	W OR S	WASTE OR SEWER	
		S.O.V.	SHUT OFF VALVE	
	 √	G.C.	GAS COCK	
		H.B.	HOSE-BIBB	
	+0+		PIPE-UP OR RISER	
CH	101		PIPE-DOWN OR DROP	
			UNION	
	—		WATER FLOW DIRECTION	
		W/	WITH	
		F.C.O.	FLOOR CLEANOUT	
		N.T.S.	NOT TO SCALE	
		CONT.	CONTINUATION	
		FIN.	FINISH	
		F.F.E.	FINISH FLOOR ELEVATION	
		FLR.	FLOOR	
		GR.	GRADE	
		LOC.	LOCATION	
		ABV.	ABOVE	
		BEL.	BELOW	
		C.I.	CAST IRON	
		CLG.	CEILING	
		CONN.	CONNECT OR CONNECTION	
		TYP.	TYPICAL	
		(E) OR EXIST	EXISTING	
	$\langle x \rangle$		PLUMBING EQUIPMENT IDENTIFICATION	
	(X-X)		FIXTURE EQUIPMENT IDENTIFICATION	
	C 	W.C.O.	WALL CLEANOUT	

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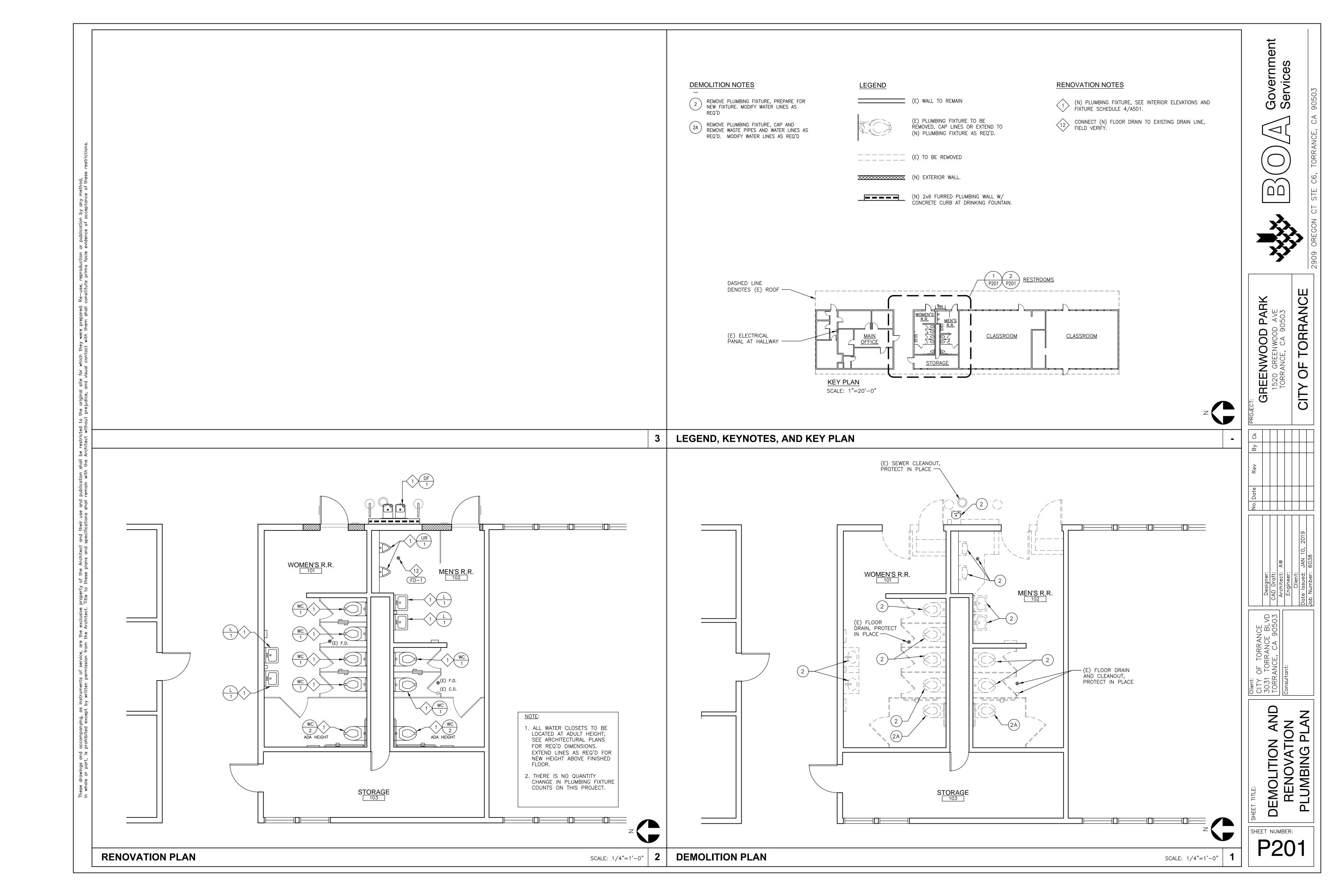
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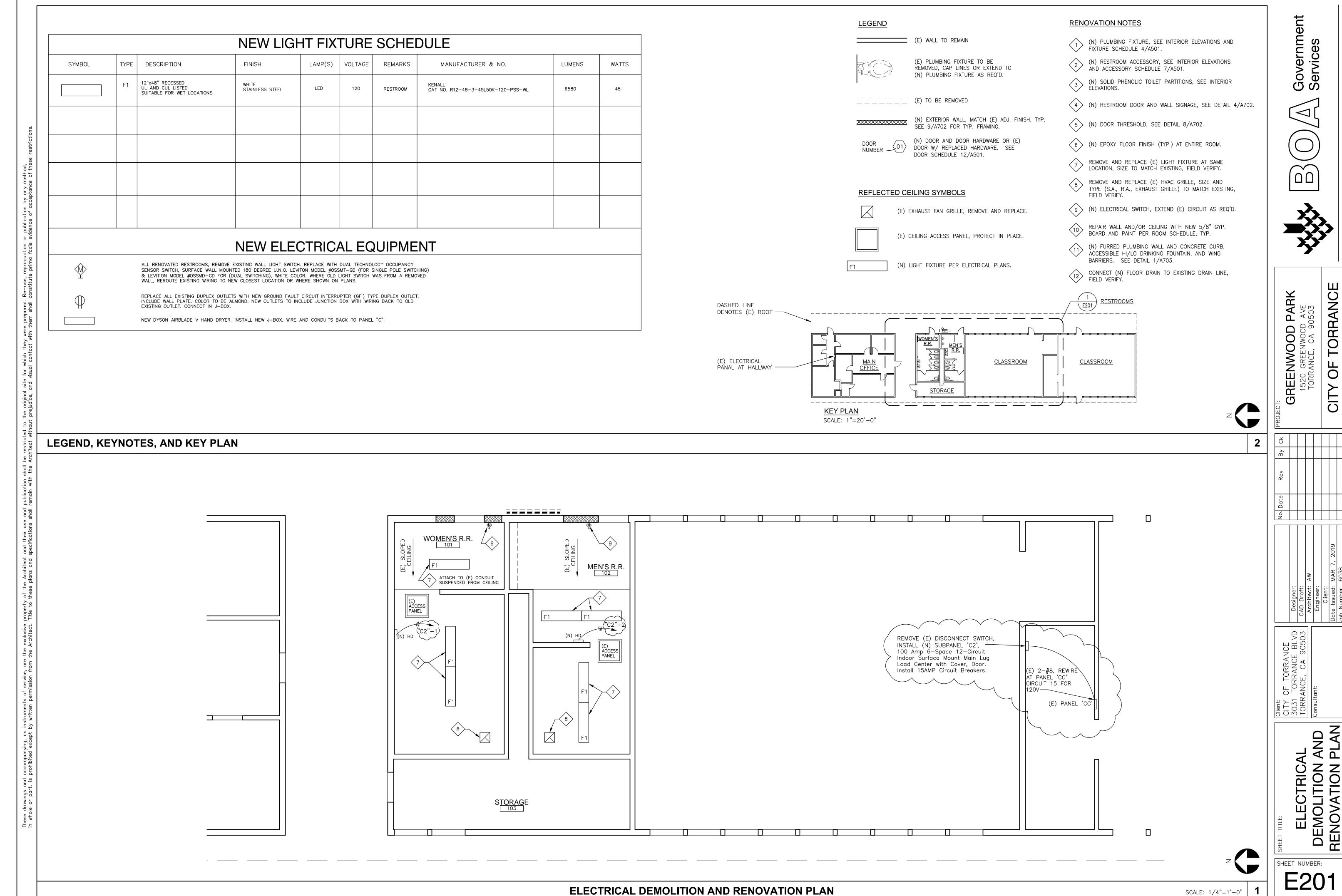
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PLUMBING SCHEDULES AND NOTES

SHEET NUMBER:





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