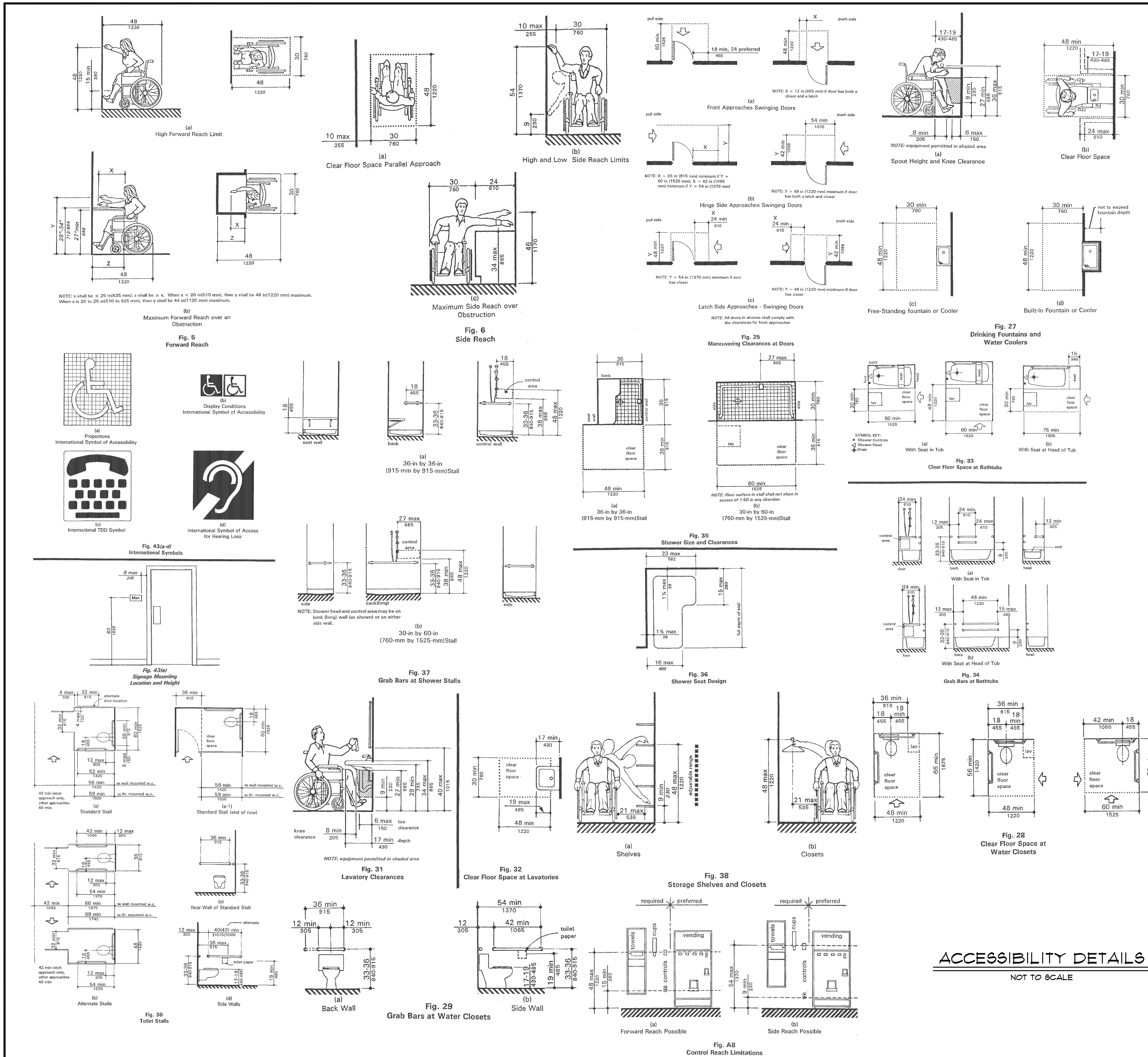

ACCESSIBILITY DETAILS

NOT TO SCALE

1. TOILET PAPER DISPENSER: 20' AFF. TO CENTERLINE 36' TO FRONT FACE FROM WET WALL (MAX)
2. ASSIST BARS:
   A. 34' AFF. TO CENTER LINE (UNO)
   B. 36' LONG BAR AT WET WALL @ TOILET
   C. 42' LONG BAR AT SIDE WALL @ TOILET
3. EMERGENCY PULL CALL BOXES:
   AT TOILET: 4'-0" AFF TO CENTER LINE OF BOX AND 4'-0" FROM WET WALL AT BED WALL: 3' AFF TO CENTER LINE OF BOX AND 2'-0" FROM CENTER LINE OF BED
4. VANITY LIGHT FIXTURES:
   CENTERED ON VANITY OR LAV AND EQUAL DISTANCE FROM MIRROR TO CEILING (UNO)
5. MIRRORS 36" HIGH (MIN) 24" WIDE (MIN);40" AFF (MAX) 74" AFF (MIN) TO HEAD OF MIRROR
6. SHOWER ROD 6'-2" AFF
7. TOILET:
   A. BOWL HT. OF 18" AFF FOR HANDICAP TOILETS
   B. CENTERLINE OF TOILET 18" FROM FINISH FACE OF WALL
   C. FLUSH CONTROL DEVICE TO BE LOCATED TO THE WIDE SIDE OF TOILET ROOM
8. SHOWER HEAD 6'-0" TO LOW POINT OF HEAD AFF CENTER ON WALL AS SHOWN
9. SHOWER CONTROLS: 38" AFF MIN/ 48" AFF MAX FROM CENTER LINE OF CONTROLES 18" TO THE SHOWER HEAD WHEN FACING THE CONTROLS
10. VANITY (HC): 29" AFF CLEAR KNEE SPACE BELOW 34" AFF MAX TO LAVATORY
11. CLOSET SHELVES; 5'-9" AFF/14" DEEP (48" AFF @ H.C. SHELVING)
12. CLOSET ROD: 5'-6" AFF/ 12" FROM BACK WALL 50% OF RODS AT 4'-0" AFF
13. CLOSET DIVIDER: 6'-4" HIGH / 16" DEEP
14. MEDICINE CABINET: HEAD AT 6'-0" AFF (WHERE SHOWN)
15. TOWEL BARS: 54" AFF AT TOILET ROOMS, 66" AFF AT SHOWER / TUB (2 PER RESIDENT BATH)
16. SOAP DISH @ SHOWER: 36" AFF TO CENTER LINE (1 PER SHOWER)
17. SOAP DISH @ VANITY: 4" ABOVE VANITY / LAV TOP (1 PER VANITY) (40" AFF MAX)
18. TUMBLER / TOOTH BRUSH HOLDER: 4" ABOVE VANITY / LAV TOP (40" AFF AMX) (1 PER VANITY)
19. TOWEL AND WASTE DISPENSER: 48" AFF MAX TO TOWELS (1 PER PUBLIC TOILET ROOM)
20. PAY TELEPHONE: 4'-0" (MAX) AFF FOR FRONT APPROACH 4'-6" AFF (MAX) FOR SIDE APPORACH TO HIGHEST OPERABLE PART OF PHONE
21. ELECTRIC WATER COOLER (4.1): 27" AFF (MIN) CLEAR BELOW, 36" AFF (MAX) TO SPOUT, 30" (MIN) CLEAR WIDTH AT RECESSED EWC
    NOTE: THERE SHALL BE A DRINKING FOUNTAIN WHICH IS ACCESSIBLE TO INDIVIDUALS WHO USE WHEELCHAIRS IN ACCORDANCE WITH 4.15 AND ONE ACCESSIBLE TO THOSE WHO HAVE DIFFICULTY BENDING OR STOOPING (THIS SHALL BE ACCOMMODATED BY THE USE OF A "HI-LO" FOUNTAIN.
22. HANDRAILS" 2'-10" AFF TO TOP OF HANDRAILS
23. ROOM IDENTIFICATION: 5'-0" AFF TO CENTER LINE 8" (MAX) FROM LATCH SIDE OF DOOR JAMB (REFER DETAIL 4 : 30 THIS SHEET)
24. WALL SWITCHES: 48" AFF (MAX) U.N.O.
25. ELECTRICAL OUTLETS: 18" AFF
26. TELEPHONE JACKS: 18" AFF (1 PER LIVING, BEDROOM, STUDY)
27. J-BOXES: NOTED 4" ABOVE COUNTER / 4" ABOVE BACKSPLASH
28. ROBE HOOK: 66" AFF
29. STRIKE PLATE: 36" AFF TO CENTER LINE
30. LAVATORY/VANITY TOP (HC): 34" AFF (MAX) TO TOP OF LAV / VANITY, 29" AFF (MIN) CLEAR BELOW LAV/VANITY, 17" (MIN) DEPTH, 25" (MAX) DEPTH
31. FIRE EXTINGUISHERS: 5'-0" AFF (MAX) TO THE HIGHEST POINT OF THE GAUGE / NOZZLE / HANDLE
32. INTERCOM: 54" AFF TO BOTTOM (1 PER UNIT)
33. THERMOSTAT: 54" AFF TO BOTTOM (1 PER UNIT)
34. TELEVISION JACKS: 18" AFF ON OPPOSITE WALL FROM TELEPHONE JACK (1 PER LIVING, BEDROOM, STUDY)
35. EMERGENCY PULL: (1 PER TOILET/SHOWER, BEDROOM)
36. SMOKE DETECTOR: MINIMUM (1 PER UNIT) PLUS PUBLIC AREAS, AND/OR AS OTHERWISE NOTED ON MPE DOCUMENTS AND REQUIRED BY THE CITY AND STATE STANDARD
37. HORN/STROBE ALARM DEVICES: SHALL BE INSTALLED PER CITY AND STATE STANDARDS (1 PER UNIT) PLUS PUBLIC AREAS AS REQUIRED
38. CONTRACTOR SHALL INSTALL SPECIAL REQUIREMENTS OF UNITS EQUIPPED FOR THE HEARING IMPAIRED
39. ALL HANDICAPPED TOILET ROOMS SHALL BE EQUIPPED WITH TOILETS WITH CONTROLS LOCATED ON THE WIDE SIDE OF THE ACCESS SPACE TO THE TOILET AS REQUIRED BY THE BY THE TAS, ADA STANDARDS (TYPICAL)
40. FOLD DOWN SHOWER SEATS AT 18" AFF TO THE TOP OF THE SEAT
41. REFER TO THE DOCUMENTS FOR LOCATIONS AND MOUNTING HEIGHTS OF THE ACCESSORIES
42. NOTE: THE CONTRACTOR SHALL INSTALL CONTINUOUS SOLID WOOD BLOCKING AS REQUIRED FOR ALL ACCESSORIES (LISTED ABOVE OR NOT) TO SUPPORT A MINIMUM OF 250 LB. DEAD LOAD AS REQUIRED BY CODE.
43. NOTE: ALL ACCESSORIES SHALL BE INSTALLED PER THE MANUFACTURERS RECOMMENDATIONS/ADA/EAB/ (TAS) TEXAS ACCESSIBILITY STANDARDS AND LOCAL CITY CODE REQUIREMENTS
44. NOTE: AS REQUIRED BY OF PROJECT CLOSE-OUT THE CONTRACTOR SHALL SUBMIT WRITTEN DOCUMENTATION TO THE ARCHITECT THAT THE REQUIREMENTS OF TAS HAVE BEEN MET.
45. NOTE: CONTRACTOR SHALL WRAP ALL EXPOSED PLUMBING AS REQUIRED TO COMPLY WITH ADA/TDLR STANDARDS
46. NOTE: VIEW OPENINGS @ DOORS @ 54" AFF CENTER ON DOOR

A4.30 SIGNAGE (BY OWNER THIS PROJECT)

A4.30.1 GENERAL IN BUILDING COMPLEXES WHERE FINDING LOCATIONS INDEPENDENTLY ON A ROUTINE BASIS MAY BE A NECESSITY (FOR EXAMPLE, COLLEGE CAMPUSES); TACTILE MAPS OR PRERECORDED INSTRUCTIONS CAN BE VERY HELPFUL TO VISUALLY IMPAIRED PEOPLE. SEVERAL MAPS AND AUDITORY INSTRUCTIONS HAVE BEEN DEVELOPED AND TESTED FOR SPECIFIC APPILICATIONS. THE TYPE OF MAP OR INSTRUCTIONS USED MUST BE BASED ON THE INFORMATION TO BE COMMUNICATED, WHICH DEPENDS HIGHLY ON THE TYPE OF BUILDINGS OR USERS.

LANDMARKS THAT CAN EASILY BE DISTINGUISHED BY VISUALLY IMPAIRED INDIVIDUALS ARE USEFUL AS ORIENTED CUES. SUCH CUES INCLUDE CHANGES IN ILLUMINATION LEVEL, BRIGHT COLORS, UNIQUE PATTERNS, WALL MURALS, LOCATION OF SPECIAL EQUIPMENT OR OTHER ARCHITECTURAL FEATURES.

MANY PEOPLE WITH DISABILITIES HAVE LIMITATIONS IN MOVEMENT OF THEIR HEADS AND REDUCED PERIPHERAL VISION. THUS, SIGNAGE POSITIONED PERPENDICULAR TO THE PATH OF TRAVEL IS EASIEST FOR THEM TO NOTICE, PEOPLE CAN GENERALLY DISTINGUISH SIGNAGE WITHIN AN ANGLE OF 30 DEGREES TO EITHER SIDE OF THE CENTERLINES OF THEIR FACES WITHOUT MOVING THEIR HEADS.

A4.30.2 CHARACTERPROPORTION. THE LEGIBILITY OF PRINTED CHARACTERS IS A FUNCTION OF THE VIEWING DISTANCE, CHARACTER HEIGHT, THE RATIO OF THE STROKE WIDTH TO THE HEIGHT OF THE CHARACTER, THE CONTRAST OF COLOR BETWEEN CHARACTER AND BACKGROUND, AND PRINT FONT. THE SIZE OF CHARACTERS MUST BE BASED UPON THE INTENDED VIEWING DISTANCE. A SEVERELY NEARSIGHTED PERSON MAY HAVE TO BE MUCH CLOSER TO RECOGNIZE A CHARACTER OF A GIVEN SIZE THAN A PERSON WITH NORMAL VISUAL ACUITY.

A4.30.4 RAISED AND BRAILLED CHARACTERS AND PICTORAL SYMBOLS SIGNS (PICTOGRAMS). THE STANDARD DIMENSIONS FOR LITERARY BRAILLE ARE AS FOLLOWS:

: DOT DIAMETER	.059 IN.	: HORIZONTAL SEPARATION BETWEEN CELLS	.241 IN.
: INTER-DOT SPACING	.090 IN.	: VERTICAL SEPARATION BETWEEN CELLS	.359 IN.

RAISED BORDERS AROUND SIGNS CONTAINING RAISED CHARACTERS MAY MAKE THEM CONFUSING TO READ UNLESS THE BORDER IS SET FAR AWAY FROM THE CHARACTERS. ACCESSIBLE SIGNAGE WITH DESCRIPTIVE MATERIAL ABOUT PUBLIC BUILDINGS, MONUMENTS, AND OBJECTS OF THE CULTURAL INTEREST MAY NT PROVIDE SUFFICIENTLY DETAILED AND MEANINGFUL INFORMATION. INTERPRETIVE GUIDES, AUDIO TAPE DEVICES, OR OTHER METHODS MAY BE MORE EFFECTIVE IN PRESENTING SUCH INFORMATION.

A4.30.5 FINISH AND CONTRAST. AN EGGSHELL FINISH (11 TO 19 DEGREE GLOSSIMETER) IS RECOMMENDED. RESEARCH INDICATES THAT SIGNS ARE MORE LEGIBLE FOR PERSONS WITH LOW VISION WHEN CHARACTERS CONTRAST WITH THEIR BACKGROUND BY AT LEAST 70 PERCENT. CONTRAST IN PERCENT SHALL BE DETERMINED BY:

CONTRAST= ((B1-B2)/B1)X100
WHERE B1= LIGHT REFLECTANCE VALUE (LRV) OF THE LIGHTER AREA
AND B1= LIGHT REFLECTANCE VALUE (LRV) OF THE DARKER AREA

NOTE: ALL HC SINKS WITH EXPOSED HOT WATER AND DRAIN PIPES SHALL BE INSULATED AND PROTECTED TO ALLOW NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES-EQUAL TO "LAV GUARD" SOFT FEXABLE UNIVERSALLY ADAPTABLE ASSEMBLY-COLOR WHITE.

NOTE THAT IN ANY APPLICATION BOTH WHITE AND BLACK ARE NEVER ABSOLUTE: THUS, B NEVER EQUALS 100 AND B IS ALWAYS GREATER THAN 0

THE GREATEST READABILITY IS USUALLY ACHIEVED THROUGH THE USE OF LIGHT COLORED CHARACTERS OR SYMBOLS ON A DARK BACKGROUND.

NOTE: THE CONTRACTOR SHALL INSTALL DETECTABLE WARNINGS AT ALL CURB CUTS, HAZARDOUS VEHICULAR AREAS, ETC/DETECTABLE WARNINGS SHALL CONSIST OF 1/4" DEEP SAW CUT JOINTS AT 2" ON CENTER AND SHALL CONTRAST VISUALLY WITH ADJOINTING SURFACES, EITHER LIGHT ON DARK, OR DARK ON LIGHT / JOINTS SHALL BE INSTALLED AS TO NOT HOLD WATER-TYPICAL

NOTE: THE STATIC COEFFICIENT OF FRICTION AT ACCESSIBLE ROUTES SHALL BE 0, 6, AND 0, 8 FOR RAMPS PER TAS/ TDLR / ADA STANDARDS

NOTE: THE FLOOR WITHIN A ROOM SHALL SLOPE TO ALLOW WATER TO DRAIN

NOTE: AT LEAST ONE IN EACH TOILET ROOM WHICH HAS A URINAL SHALL HAVE A STALL TYPE OR WALL MOUNTED URINAL WITH A TAPERED ELONGATED RIM MOUNTED AT 17" AFF AND EXTENDS 14" (MIN) FROM WALL/ CLEAR FLOOR SPACE SHALL BE 30" X 48" MIN / URINALS IN ALCOVES OVER 24" DEEP SHALL BE 36" WIDE X 48" (MIN)

REVISIONS	BY

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