

STORRS CENTER GR-1

PARKING GARAGE

MANSFIELD, CONNECTICUT

**PLANNING BOARD SUBMISSION
MARCH 29, 2011**

**TOWN OF MANSFIELD
DESMAN ASSOCIATES
CABEZAS DeANGELIS, ENGINEERS & SURVEYORS
SILVER/PETRUCELLI & ASSOCIATES**

**OWNER
ARCHITECT / ENGINEERS
CIVIL ENGINEERS
MEP ENGINEERS**

ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE	DBL	DOUBLE DECK DRAIN	HDCP	HANDICAPPED HEADER	NEC	NATIONAL ELECTRICAL CODE	SCH	SCHEDULE SECTION
ACOUST.	ACOUSTICAL	DD	DEPARTMENT	HDR	HARDWARE	NIC	NOT IN CONTRACT	SECT	SQUARE FEET
AD	ADDITIONAL	DEPT	DEPARTMENT	HK	HOLLOW METAL	NO (#)	NOMINAL	SFT	SHEET
ADD	ADJACENT	DIA	DIAMETER	HM	HORIZONTAL	NOM	NOT TO SCALE	SIM	SIMILAR SKETCH
ADJ	ADJACENT	DL	DEAD LOAD	HORIZ	HIGH POINT	NTS	NOT TO SCALE	SK	SKETCH
AFF	ABOVE FINISHED FLOOR	DN	DOWN	HP	HIGH POINT			SL	SLAB
AGGR	AGGREGATE	DO	DITTO	HPS	HIGH PRESSURE SODIUM			SN	SINGLE SPECIFICATION
AIR COND	AIR CONDITION	DTL	DETAIL	HT	HEIGHT	OC	ON CENTER	SO	SQUARE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DWG	DRAWING	HTR	HEATER	OD	OUTSIDE DIAMETER	SS	STAINLESS STEEL
AL ALUM	ALUMINUM	DWLS	DOWELS	HVAC	HEATING VENTILATING & AIR CONDITIONING	OFF	OFFICE	ST	STREET
ALT	ALTERNATE	EA	EACH	HW	HOT WATER	OPNG	OPENING	STD	STANDARD
ANOD	ANODIZED	EF	EACH FACE	HT HGT	HEIGHT	OPP	OPPOSITE	STL	STEEL
APPD	APPROVED	EL	ELEVATION	HTG	HEATING	OPP HAND	OPPOSITE HAND	STOR	STORAGE
APPROX	APPROXIMATE	ELEC	ELECTRIC	HTG	HEATING			STRUC	STRUCTURAL
ARCH	ARCHITECTURAL	ELEV	ELEVATION	HTG	HEATING			SW	SWITCH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EMERG	EMERGENCY	ID	INSIDE DIAMETER				
AVE	AVENUE	EQ	EQUAL	IE	INVERT ELEVATION				
		EQUIP	EQUIPMENT	IN (*)	INCH				
B/	BOTTOM OF	EW	EACH WAY	INFO	INFORMATION	PASS	PASSENGER	T.O.T.	TOP OF TOPPING
BC	BOTTOM OF CURB	EXH	EXHAUST	INSUL	INSULATION	PC	PILE CAP	T	TREAD/S
BD	BOARD	EXHST	EXISTING	INT	INTERIOR	PC	PRECAST	T&B	TOP & BOTTOM
BIT	BITUMINOUS	EXP	EXPANSION	INT	INTERIOR	PC	PEDESTRIAN	T/BM	TOP OF BEAM
BIT PAV'T	BITUMINOUS PAVEMENT	EXP JT	EXPANSION JOINT	INT	INTERIOR	PC	PEDESTRIAN	TO	TOP OF CURB
BLDG	BUILDING	EXT	EXTERIOR	INT	INTERIOR	PC	PEDESTRIAN	TEL	TELEPHONE
BLK	BLOCK			INT	INTERIOR	PC	PEDESTRIAN	TEM	TEMPERED
BLM	BEAM			INT	INTERIOR	PC	PEDESTRIAN	TEMP	TEMPERATURE
BOTT	BOTTOM			INT	INTERIOR	PC	PEDESTRIAN	TH THK	THICK
BRG	BEARING			INT	INTERIOR	PC	PEDESTRIAN	TO	TOP OF
BS	BOTH SIDES			INT	INTERIOR	PC	PEDESTRIAN	TOILET	TOILET
BSMT	BASEMENT			INT	INTERIOR	PC	PEDESTRIAN	TOS T/S	TOP OF SLAB
BWN	BETWEEN			INT	INTERIOR	PC	PEDESTRIAN	TOS T/S	TOP OF STEEL
				INT	INTERIOR	PC	PEDESTRIAN	TOW T/W	TOP OF WALL
				INT	INTERIOR	PC	PEDESTRIAN	T/PC	TOP OF PILE CAP
				INT	INTERIOR	PC	PEDESTRIAN	TYP	TYPICAL
C	CONDUIT			INT	INTERIOR	PC	PEDESTRIAN	UL	UNDERWRITER'S LABORATORIES
CAB	CABINET			INT	INTERIOR	PC	PEDESTRIAN	UNO	UNLESS NOTED OTHERWISE
CEM	CEMENT			INT	INTERIOR	PC	PEDESTRIAN		
CER	CERAMIC			INT	INTERIOR	PC	PEDESTRIAN		
CI	CAST IRON			INT	INTERIOR	PC	PEDESTRIAN		
CIP	CAST IN PLACE			INT	INTERIOR	PC	PEDESTRIAN		
CJ	CONTROL JOINT			INT	INTERIOR	PC	PEDESTRIAN		
CIR	CIRCUIT			INT	INTERIOR	PC	PEDESTRIAN		
CL	CLEAR			INT	INTERIOR	PC	PEDESTRIAN		
CLR	CLEAR			INT	INTERIOR	PC	PEDESTRIAN		
CLG	CEILING			INT	INTERIOR	PC	PEDESTRIAN		
CLST	CLOSET			INT	INTERIOR	PC	PEDESTRIAN		
CO	COMPANY			INT	INTERIOR	PC	PEDESTRIAN		
COL	COLUMN			INT	INTERIOR	PC	PEDESTRIAN		
CONC	CONCRETE			INT	INTERIOR	PC	PEDESTRIAN		
CONN	CONNECTION			INT	INTERIOR	PC	PEDESTRIAN		
CONST	CONSTRUCTION			INT	INTERIOR	PC	PEDESTRIAN		
CONT	CONTINUOUS			INT	INTERIOR	PC	PEDESTRIAN		
CONTR	CONTRACTOR			INT	INTERIOR	PC	PEDESTRIAN		
CORR	CORRIDOR			INT	INTERIOR	PC	PEDESTRIAN		
CRS	COURSE			INT	INTERIOR	PC	PEDESTRIAN		
CSK	COUNTERSINK			INT	INTERIOR	PC	PEDESTRIAN		
CW	COLD WATER			INT	INTERIOR	PC	PEDESTRIAN		

REFERENCE SYMBOLS

	BUILDING SECTION
	BUILDING ELEVATION
	WALL SECTION
	DETAIL
	COLUMN GRID
	SIGN AND MOUNTING
	INTERIOR ELEVATIONS
	ROOM NUMBER
	DOOR NUMBER
	REVISION
	WORK OR CONTROL POINT

MATERIAL SYMBOLS

	BATT INSULATION
	EXISTING STRUCTURE
	EXISTING STRUCTURE TO BE REMOVED
	COMPACTED EARTH
	CONCRETE
	CONCRETE BLOCK
	METAL
	PLYWOOD
	POROUS FILL
	RIGID INSULATION
	WOOD, ROUGH, BLOCKING

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STORRS CENTER GR-1 PARKING FACILITY
 CONNECTICUT
 MANSFIELD.

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BUILDING DEPARTMENT NOTES:

APPLICABLE CODE NOTES

- A. GENERAL:**
- ALL CODES (ALSO REFERRED TO AS REFERENCE CODES IN THESE DOCUMENTS) APPLICABLE TO MANSFIELD, CT APPLY TO THIS PROJECT. SINCE MANY CODES ARE REFERENCED WITHIN THE CODES INDICATED BELOW, THESE APPLICABLE CODE NOTES SHALL NOT BE CONSTRUED AS COMPLETE LISTING OF ALL APPLICABLE CODES.
 - SEE SHEET A002 FOR CODE SUMMARY.
- B. BUILDING:**
- 2005 CONNECTICUT STATE BUILDING CODE W/ 2009 SUPPLEMENT
 - ADDITIONAL REFERENCE CODES:
 - ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
- C. FIRE SAFETY:**
- ADDITIONAL FIRE SAFETY REFERENCE CODES:
 - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):
 - NFPA-10 "STANDARD FOR PORTABLE FIRE EXTINGUISHERS"
- D. ACCESSIBILITY (FOR THE PHYSICALLY DISABLED):**
- PERTINENT SECTIONS OF THE BUILDING CODE INDICATED ABOVE.
 - ADDITIONAL ACCESSIBILITY REFERENCE CODES:
 - UNITED STATES ACCESS BOARD "AMERICANS WITH DISABILITY ACT ACCESSIBILITY GUIDELINES (ADAAG), LATEST VERSION ACCEPTED BY THE UNITED STATES DEPARTMENT OF JUSTICE.
 - ICC/ANSI 117.1-03 "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES"
- E. ELECTRICAL:**
- PERTINENT SECTIONS OF THE BUILDING CODE INDICATED ABOVE.
 - NFPA-70 "NATIONAL ELECTRICAL CODE" AS REFERENCED.
 - ADDITIONAL ELECTRICAL REFERENCE CODES:
 - CONTACT LOCAL MUNICIPALITY FOR CURRENT REFERENCE
- F. MECHANICAL:**
- PERTINENT SECTIONS OF THE BUILDING CODE INDICATED ABOVE.
 - ICC INTERNATIONAL MECHANICAL CODE AS REFERENCED.
 - ADDITIONAL MECHANICAL REFERENCE CODES:
 - CONTACT LOCAL MUNICIPALITY OR FOR CURRENT REFERENCE
- G. PLUMBING:**
- PERTINENT SECTIONS OF THE BUILDING CODE INDICATED ABOVE.
 - ICC INTERNATIONAL PLUMBING CODE AS REFERENCED.
 - ADDITIONAL PLUMBING REFERENCE CODES:
 - CONTACT LOCAL MUNICIPALITY OR FOR CURRENT REFERENCE
- H. ELEVATORS:**
- PERTINENT SECTIONS OF THE BUILDING CODE INDICATED ABOVE.
 - ADDITIONAL ELEVATOR REFERENCE CODES:
 - ASME A17.1 "SAFETY CODE FOR ELEVATORS AND ESCALATORS" INCLUDING ALL ADDENDA.

SEAL:

REVISION:

SHEET TITLE:
INDEX, ABBREVIATIONS, & SYMBOL KEYS

JOB #:
 40-10125.00-1

ISSUE:
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DATE:
 March 29, 2011

DRAWING NO.
A001

SCALE: AS NOTED

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CODE SUMMARY

1. BUILDING CODE: 2005 CT STATE BUILDING CODE W/ 2009 SUPPLEMENT.

2. USE AND OCCUPANCY CLASSIFICATION:

- A. NONSEPARATED MIXED USE(IBC 302.3)
 1. OPEN PARKING GARAGE: USE GROUP S-2, (IBC T503)

3. CONSTRUCTION TYPE: TYPE **I-B** NONCOMBUSTIBLE (IBC 602.2)

4. BUILDING HEIGHT AND AREA LIMITATIONS:

- A. MAX. BUILDING STORIES/AREAS
 1. OPEN PARKING GARAGE (S-2): ELEVEN TIERS/79,000 SQ/FT AREA (IBC T.406.3.5).

5. REQUIRED FIRE SEPARATION (MIXED USE):

- A. NONSEPARATED USE
 1. NOT APPLICABLE.

6. FIRE RESISTANCE RATED CONSTRUCTION AND PROTECTION REQUIREMENTS:

A. MINIMUM RATINGS FOR TYPE **I-B** CONSTRUCTION

1. BUILDING STRUCTURE (IBC TABLE 601):
- | HOURS | BUILDING ELEMENT |
|-------|---|
| 2 |STRUCTURAL FRAME (COLUMNS & GIRDERS) |
| 2 |INTERIOR BEARING WALLS |
| 2 |EXTERIOR BEARING WALLS |
| 2 |FLOOR CONSTRUCTION (SLAB & BEAMS) |
| 1 |ROOF CONSTRUCTION (SLAB & BEAMS) |
2. NON-BEARING WALLS (IBC 602.2, TABLE 602):
- | HOURS | BUILDING ELEMENT |
|-------|--|
| 1 |INTERIOR NON-BEARING WALLS |
| |EXTERIOR NON-BEARING WALLS |
| 1 |FIRE SEPARATION DISTANCE OVER 10 FT |

B. ALLOWABLE AREA OF UNPROTECTED OPENINGS (IBC TABLE 704.8):

OPEN (MAX)*	FIRE SEPARATION DISTANCE
10%	OVER 5 TO 10 FT
15%	OVER 10 TO 15 FT
25%	OVER 15 TO 20 FT
45%	OVER 20 TO 25 FT
70%	OVER 25 TO 30 FT

*EXCEPTION C: THE AREA OF OPENINGS IN AN OPEN PARKING STRUCTURE WITH A FIRE SEPARATION DISTANCE OF GREATER THAN 10 FEET SHALL NOT BE LIMITED.

C. VERTICAL SEPARATION OF OPENINGS:

1. NOT APPLICABLE TO OPEN PARKING GARAGES (IBC 704.9, EXCEPTION 3).

D. SHAFT ENCLOSURES (IBC 707):

1. NOT REQUIRED ON PARKING GARAGE RAMPS (IBC 707.2, EXCEPTION 8).
 2. FIRE-RESISTANCE RATING (IBC 707.4): 1-HOUR FOR CONNECTING LESS THAN FOUR STORIES; 2-HOURS ABOVE FOUR STORIES.

E. OPENING PROTECTIVES TO COMPLY WITH NFPA 80 (IBC 715).

F. INTERIOR WALL AND CEILING FINISHES (IBC 803.5, NFPA 286)

1. PARKING GARAGE/USE GROUP S-2 (IBC TABLE 803.5): NONSPRINKLERED EGRESS COMPONENTS FOR CLASS B FINISHES; CLASS C FINISHES ALLOWED FOR ALL OTHER AREAS INCLUDING SPRINKLERED LEVELS.

7. FIRE PROTECTION REQUIREMENTS:

GENERAL NOTE: ALL FIRE PROTECTION EQUIPMENT, PROPOSED LOCATIONS AND APPLICABILITY OF REFERENCED CODES ARE SUBJECT TO THE REVIEW OF THE FIRE OFFICIAL(S) HAVING JURISDICTION.

A. SPRINKLER SYSTEM:

1. OPEN PARKING GARAGE - NOT REQUIRED (IBC 903.2.9).

B. STANDPIPE SYSTEM:

1. OPEN PARKING GARAGE SHALL BE EQUIPPED WITH A DRY STANDPIPE SYSTEM COMPLYING WITH NFPA 14 (IBC 406.3.9, 905.2, 905.3.1.3).

C. PORTABLE FIRE EXTINGUISHERS (IBC 906.1):

1. PROVIDE FIRE EXTINGUISHERS PER THE INTERNATIONAL FIRE CODE (IFC)
 a. REQUIRED IN ALL A,M&S OCCUPANCIES/GROUP CLASSIFICATIONS (IFC 906.1).
 b. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 10 (IFC 906.2).

8. MEANS OF EGRESS:

A. DESIGN OCCUPANT LOAD (IBC 1004.1, TABLE 1004.1.2)

1. PARKING GARAGES: 200 S.F./OCCUPANT (GROSS)
 2. ACCESSORY STORAGE/MECHANICAL: 300 S.F./OCCUPANT (GROSS)

B. EGRESS WIDTH (IBC 1005.1, TABLE 1005.1)

1. OCCUPANCIES, OTHER - 0.3 INCHES PER OCCUPANT FOR STAIRWAY WIDTH.
 2. OCCUPANCIES, OTHER - 0.2 INCHES PER OCCUPANT FOR DOOR WIDTH.

C. CEILING HEIGHT (IBC 1003.2, 1003.3.3)

1. NOT LESS THAN 7 FEET (7'-0") EXCEPT AT STAIRWAYS OR PROTRUDING OBJECTS.
 2. HEADROOM AT PROTRUDING OBJECTS TO BE 80 INCHES (6'-8") MINIMUM.
 3. PROVIDE BARRIERS FOR HEADROOM LESS THAN 80 INCHES (6'-8").
 4. STAIRWAY HEADROOM TO BE 80 INCHES (6'-8") MINIMUM.

D. GUARDS (IBC 1012) - REQUIRED AT ALL OPEN-SIDED AREAS MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW.

1. HEIGHT: 42 INCHES
 2. STRENGTH AND ATTACHMENT REQUIREMENTS PER IBC 1607.7.1.

E. ACCESSIBLE MEANS OF EGRESS - NOT LESS THAN TWO (IBC 1007.1).

1. OPEN EXIT STAIRWAYS PERMITTED (IBC 1007.3.1).
 2. AREAS OF REFUGE: NOT REQUIRED FOR OPEN PARKING GARAGE

F. MEANS OF EGRESS COMPONENTS (IBC 1003.3)

1. DOORS - 32 INCHES MINIMUM CLEAR OPENING WIDTH (IBC 1008.1.1).
 a. DIRECTION OF SWING: DOORS TO SWING IN DIRECTION OF EGRESS TRAVEL FOR OCCUPANCY LOADS OVER 50 (IBC 1008.1.2).
 b. DOOR HARDWARE
 1) HEIGHT: 34 TO 48 INCHES (IBC 1008.1.8.2).
 2) PANIC HARDWARE (IBC 1008.1.9):
 2. STAIRWAYS - 44 INCHES MINIMUM WIDTH (IBC 1009.1), WITH ONE HANDRAIL PROJECTION.
 a. LANDINGS - WIDTH EQUAL TO STAIRWAY WIDTH OR GREATER.
 b. HANDRAILS:
 1) HEIGHT: 34 TO 38 INCHES (IBC 1009.11.1).
 2) STRENGTH AND ATTACHMENT REQUIREMENTS PER IBC 1607.7.1.
 3) MAXIMUM PROJECTION INTO REQUIRED STAIR WIDTH NOT TO EXCEED 4.5 INCHES (IBC 1009.11.7).
 3. PARKING GARAGE RAMPS SHALL NOT BE CONSIDERED AS PROVIDING EXIT FACILITIES (IBC 406.2.5).

9. EXIT ACCESS:

A. ARRANGEMENT: MINIMUM SEPARATION DISTANCE EQUAL TO ONE-HALF THE OVERALL DIAGONAL DIMENSION OF THE AREA BEING SERVED (IBC 1014.2).

B. MAX. TRAVEL DISTANCE (IBC 1015, TABLE 1015):

1. S-2 OCCUPANCY (PARKING GARAGES): 300 FT.

10. EXITS:

A. MINIMUM NUMBER OF EXITS:

1. OPEN PARKING STRUCTURES - 2 EXITS FROM EACH TIER MINIMUM (IBC 10018.1.1).

B. INTERIOR EXIT STAIRWAYS (ENCLOSURES):

1. INTERIOR EXIT STAIRWAYS SHALL BE ENCLOSED WITH FIRE BARRIERS (IBC 10019.1).
 a. 2-HOUR RATING FOUR STORIES OR MORE.
 b. NOT REQUIRED FOR INTERIOR STAIRWAYS IN OPEN PARKING STRUCTURES (IBC 1019.1.5).

11. CODE SIGNAGE REQUIREMENTS:

A. EGRESS SIGNAGE

1. EXIT SIGNS: PROVIDE ILLUMINATED EXIT SIGNS AT ALL EXIT DOORS (IBC 1011.1).
 a. EXIT SIGNS NOT REQUIRED AT AREAS REQUIRING ONLY ONE EXIT (IBC 1011.1.1)
 b. ACCESS TO EXITS SHALL BE SIGNED WHERE EXIT IS NOT IMMEDIATELY VISABLE\ (100 FT MAX. SPACING) (IBC 1011.1).

B. ACCESSIBILITY SIGNAGE (IBC 1110, ADAAG)

1. ACCESSIBLE PARKING SPACES.
 2. ACCESSIBLE ENTRANCES.
 a. DIRECTIONAL SIGNAGE TO BE PLACED AT INACCESSIBLE ENTRANCES/EGRESS (IBC 1010.2.1).

C. ELEVATOR SIGNAGE

1. EMERGENCY SIGNS (IBC 3002.3).
 2. ACCESSIBILITY SIGNAGE (IBC 1110, ADAAG).

12. ACCESSIBILITY

- A. REQUIREMENTS PER IBC CHAPTER 11, ADDAG.
 B. PARKING FACILITIES - SPECIAL REQUIREMENTS PER IBC 1106.

13. SPECIAL REQUIREMENTS FOR OPEN PARKING STRUCTURE

- A. PARKING STRUCTURE IS CLASSIFIED AS AN OPEN PARKING GARAGE (IBC 406.3.2).
 1. EXTERIOR WALL OPENINGS: PROVIDE UNIFORMLY DISTRIBUTED OPENINGS ON TWO OR MORE SIDES (IBC 406.3.3).
 a. DISTRIBUTE OPENING OVER 40% OF BUILDING PERIMETER MINIMUM.
 b. AREA OF OPENINGS: AT LEAST 20% OF PERIMETER WALL AREA OF TIER.
 2. ENCLOSURE IS NOT REQUIRED FOR VERTICAL OPENINGS (IBC 406.3.11).

14. STRUCTURAL DESIGN:

- A. REQUIREMENTS PER IBC CHAPTERS 16 THROUGH 26.
 B. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL CODE INFORMATION.

15. ELECTRICAL SYSTEMS:

- A. REQUIREMENTS PER IBC CHAPTER 27.
 B. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL CODE INFORMATION.

16. MECHANICAL SYSTEMS:

- A. REQUIREMENTS PER IBC CHAPTER 28.
 B. SEE MECHANICAL DRAWINGS FOR ADDITIONAL CODE INFORMATION.

17. PLUMBING SYSTEMS:

- A. REQUIREMENTS PER IBC CHAPTER 29.
 B. SEE PLUMBING DRAWINGS FOR ADDITIONAL CODE INFORMATION.

18. ELEVATOR SYSTEMS:

- A. REQUIREMENTS PER IBC CHAPTER 30.
 B. FIRE-RESISTANCE RATING OF ELEVATOR EQUIPMENT ROOM SHALL MATCH THE SHAFT RATING PER IBC 707.4 (IBC 3006.4).

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CODE COMPLIANCE CALCULATIONS

NOTE: CALCULATIONS ARE REFERENCED TO THE PRECEEDING CODE SUMMARY.

REF. 4: BUILDING HEIGHT: 56'± (HIGHEST), 5 STORIES ABOVE GRADE

REF. 4: AREA SUMMARY	LEVEL	AREA PROVIDED (S.F.)
	1	37,680
	2	34,850
	3	34,850
	4	34,850
	5	34,850
	6	28,900

REF. 6: FIRE SEPARATION DISTANCE PROVIDED: ± 0 FT

REF. 8A: OCCUPANT LOAD	LEVEL	AREA	DIVISOR	OCC.
	2	34,850	200	175
	6	28,900	200	145

GROUND LEVEL OCCUPANT LOAD:

1. PARKING AREAS: 37,680

REF. 8B: EGRESS

1. OPEN PARKING GARAGE EGRESS WIDTH:

- A) DOORS:
 1) REQUIRED EXIT WIDTH = 175x0.2=35" OF WIDTH
 2) PROVIDED EXIT WIDTH = 36"+36"= 72" OK
 B) STAIRS:
 1) REQUIRED EXIT WIDTH = 175x0.3=52.5" OF WIDTH
 2) PROVIDED EXIT WIDTH = 60"+60"= 120" OK
 C) MAX. TRAVEL DISTANCE:
 1) PARKING AREAS: PROVIDED MAX. TRAVEL DISTANCE = 202 FT<300 FT OK

REF. 13: OPENNESS OF STRUCTURE

LEVEL	1	2	3
TIER WALL AREA			
TIER WALL AREA	9,552 S.F.	8,756 S.F.	8,756 S.F.
OPEN WALL AREA 20%			
TIER AREA CHECK	21.6% OK	22.9% OK	22.7% OK
PERIMETER WALL AREA 40%			
TIER AREA CHECK	42.5% OK	44.5% OK	44.5% OK
TOTAL TIER OPENNESS (%)	OK	OK	OK

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GR-1

PARKING FACILITY

CONNECTICUT

MANSFIELD.

SEAL:

REVISION:

SHEET TITLE:

CODE
SUMMARY

JOB #: 40-10125.00-1

ISSUE: Planning Board Sub.

DATE: March 29, 2011

DRAWING NO.

A002

SCALE: AS NOTED

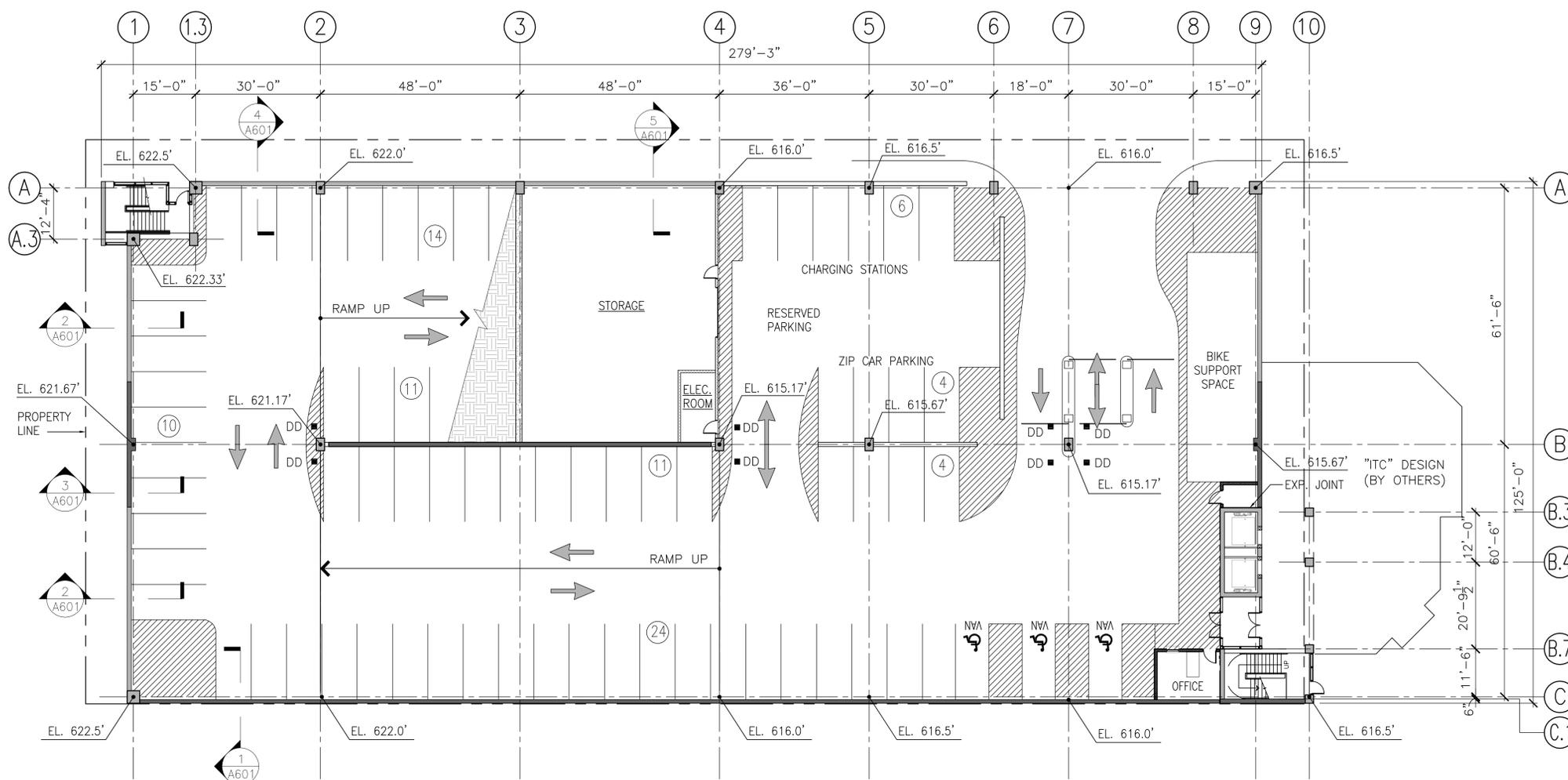
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**STORRS CENTER
GR-1
PARKING FACILITY**

CONNECTICUT

MANSFIELD

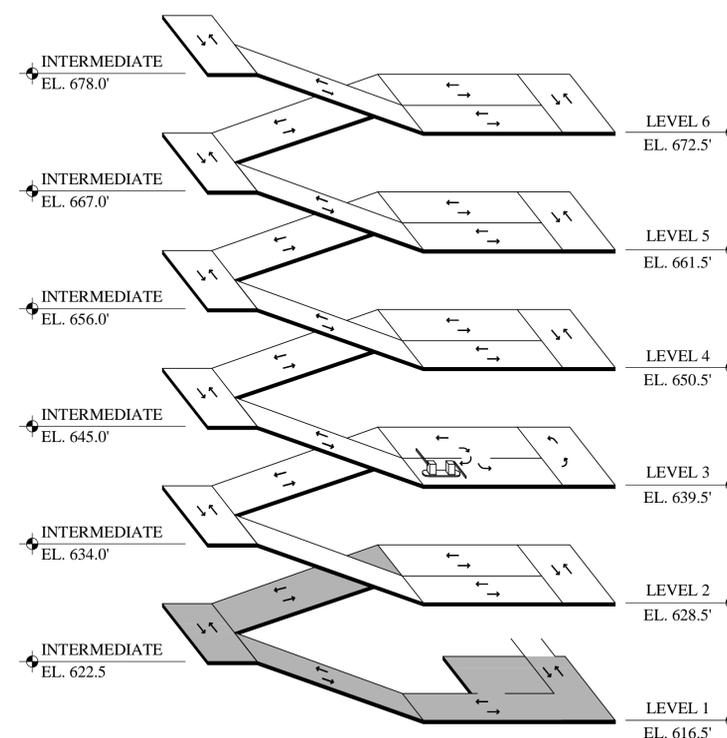


LEVEL 1 - FLOOR PLAN

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



PARKING SUMMARY CHART-OPTION 2 8'-6" x 18'-0" PARKING SPACES			
FLOOR LEVEL	RES. CARS	PUBLIC CARS	SQ.FT.
LEVEL 1	-	84	37,680 S.F.
LEVEL 2	-	111	34,850 S.F.
LEVEL 3	60	40	34,850 S.F.
LEVEL 4	112	-	34,850 S.F.
LEVEL 5	112	-	34,850 S.F.
LEVEL 6	87	-	28,900 S.F.
SUB TOTAL	371	235	205,980 S.F.
GARAGE TOTAL	606		
TOTAL SQ.FT./CAR			340 S.F.



ISOMETRIC

SEAL:

REVISION:

SHEET TITLE:

**LEVEL 1
FLOOR PLAN**

JOB #: **40-10125.00-1**

ISSUE: **Planning Board Sub.**

DATE: **March 29, 2011**

DRAWING NO.

A101

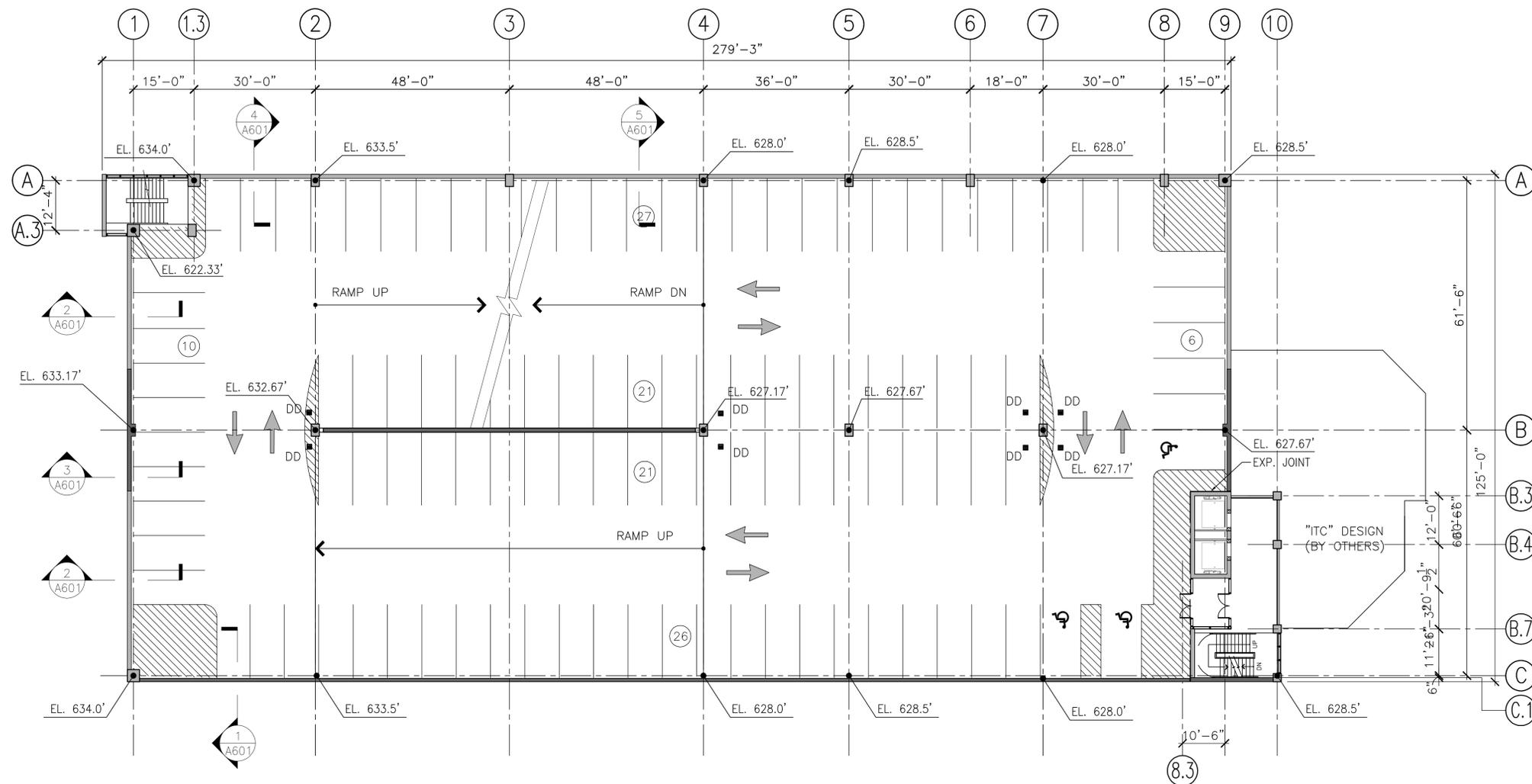
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**STORRS CENTER
GR-1
PARKING FACILITY**

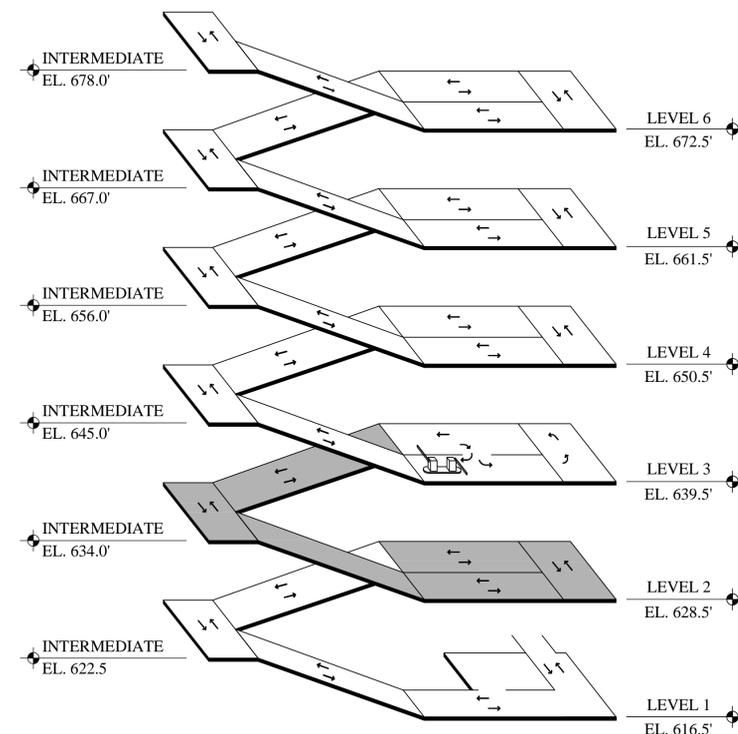
CONNECTICUT

MANSFIELD,



LEVEL 2 - FLOOR PLAN

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



ISOMETRIC

SEAL:

REVISION:

SHEET TITLE:

**LEVEL 2
FLOOR PLAN**

JOB #: **40-10125.00-1**

ISSUE: **Planning Board Sub.**

DATE: **March 29, 2011**

DRAWING NO.

A102

SCALE: AS NOTED

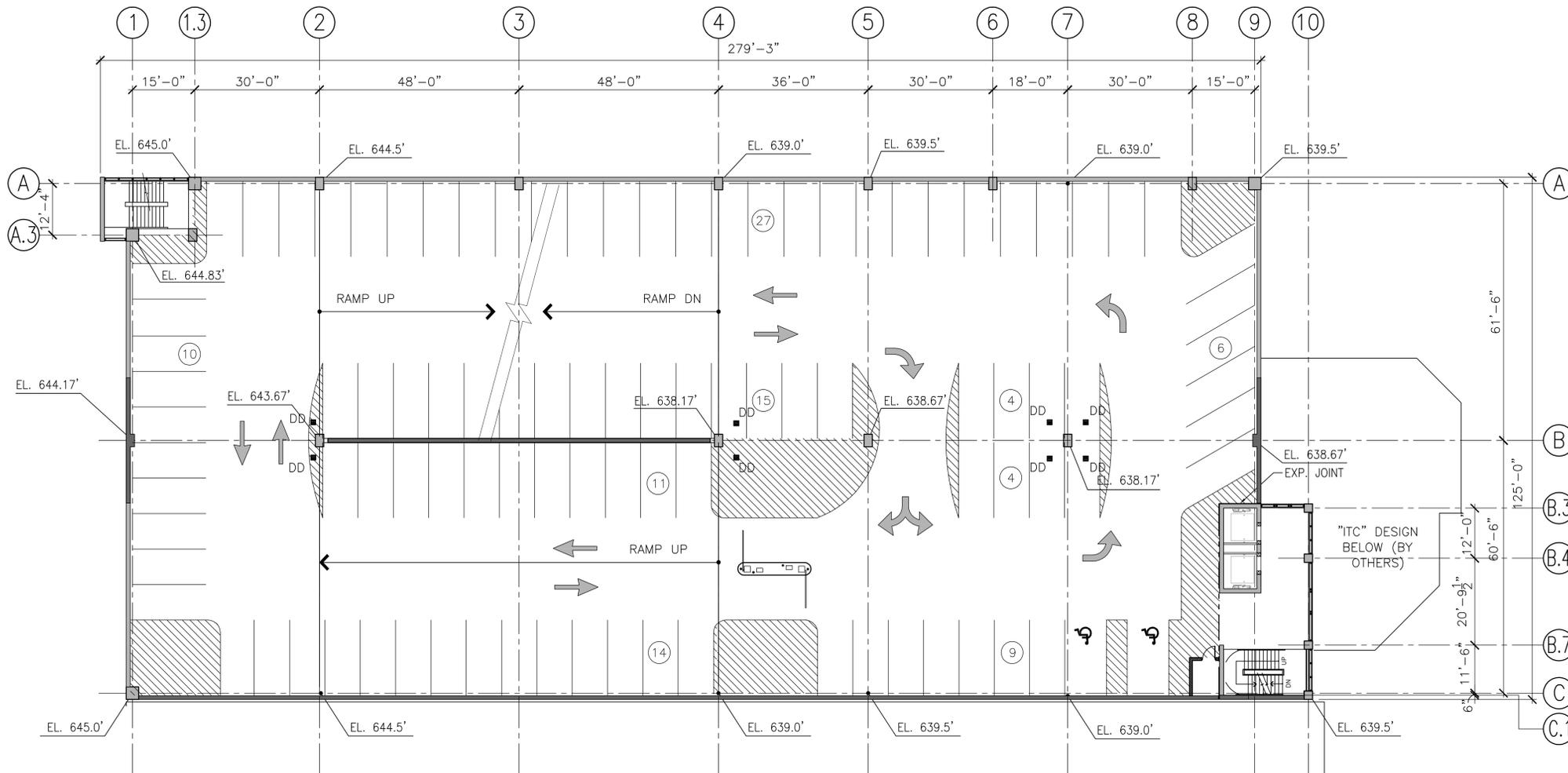
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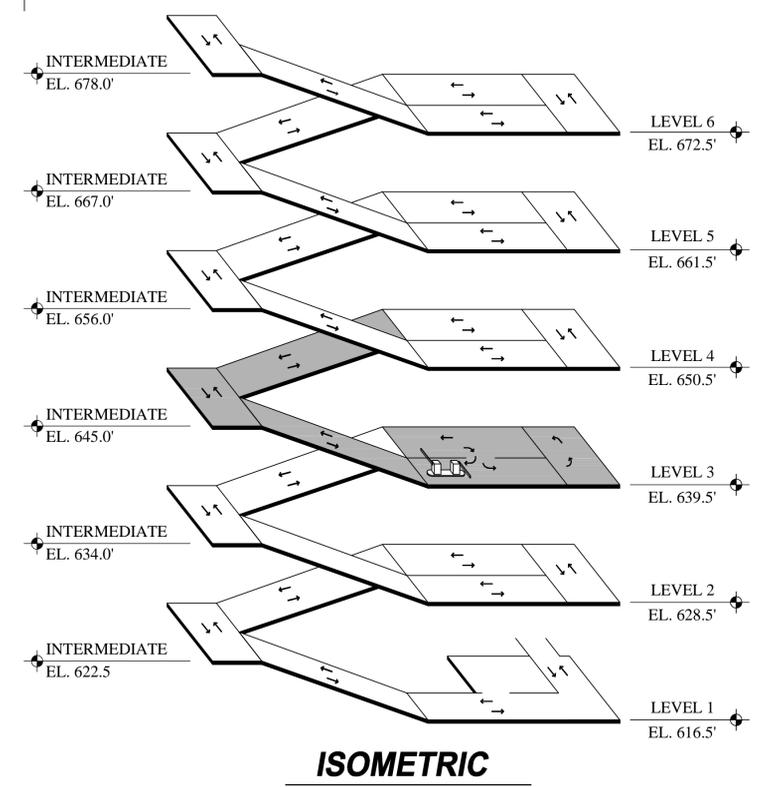
**STORRS CENTER
GR-1
PARKING FACILITY**

CONNECTICUT

MANSFIELD



LEVEL 3 - FLOOR PLAN
SCALE: 1/16" = 1'-0"



SEAL:

REVISION:

SHEET TITLE:
**LEVEL 3
FLOOR PLAN**

JOB #:
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March 29, 2011

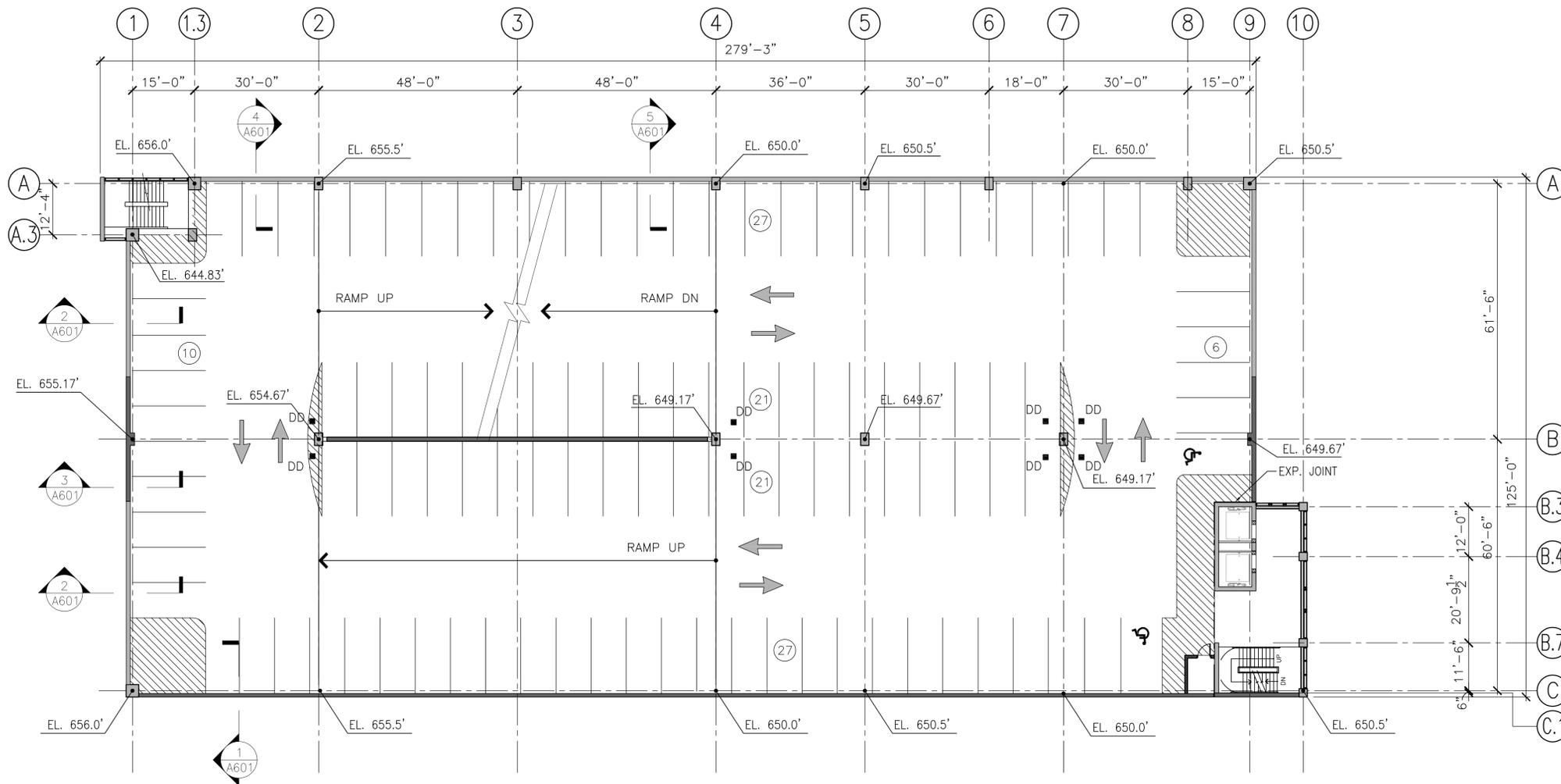
DRAWING NO.
A103

SCALE: AS NOTED
DESIGN TA DRAWN DTN CH'KD

**STORRS CENTER
GR-1
PARKING FACILITY**

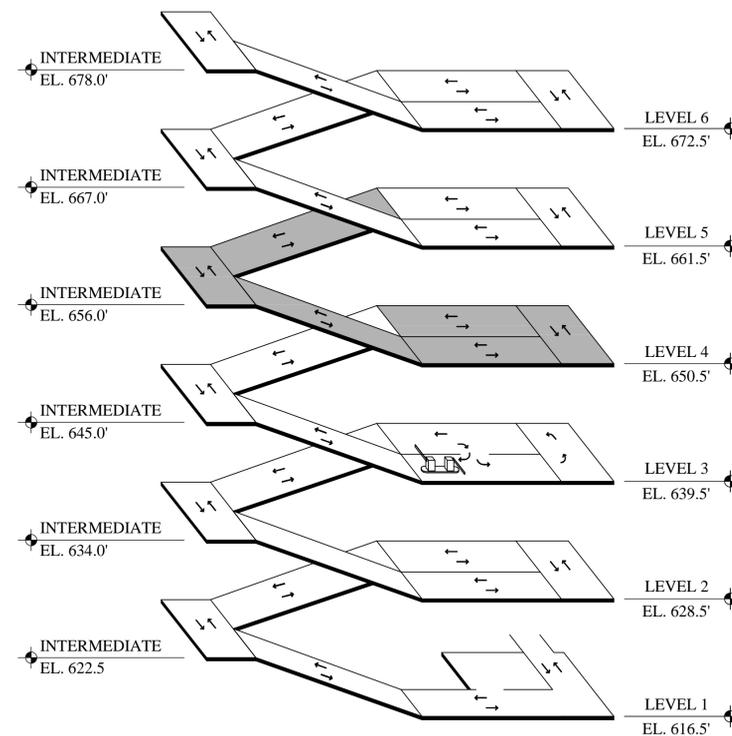
CONNECTICUT

MANSFIELD,



LEVEL 4 - FLOOR PLAN

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



ISOMETRIC

SEAL:

REVISION:

SHEET TITLE:

**LEVEL 4
FLOOR PLAN**

JOB #: **40-10125.00-1**

ISSUE: **Planning Board Sub.**

DATE: **March 29, 2011**

DRAWING NO.

A104

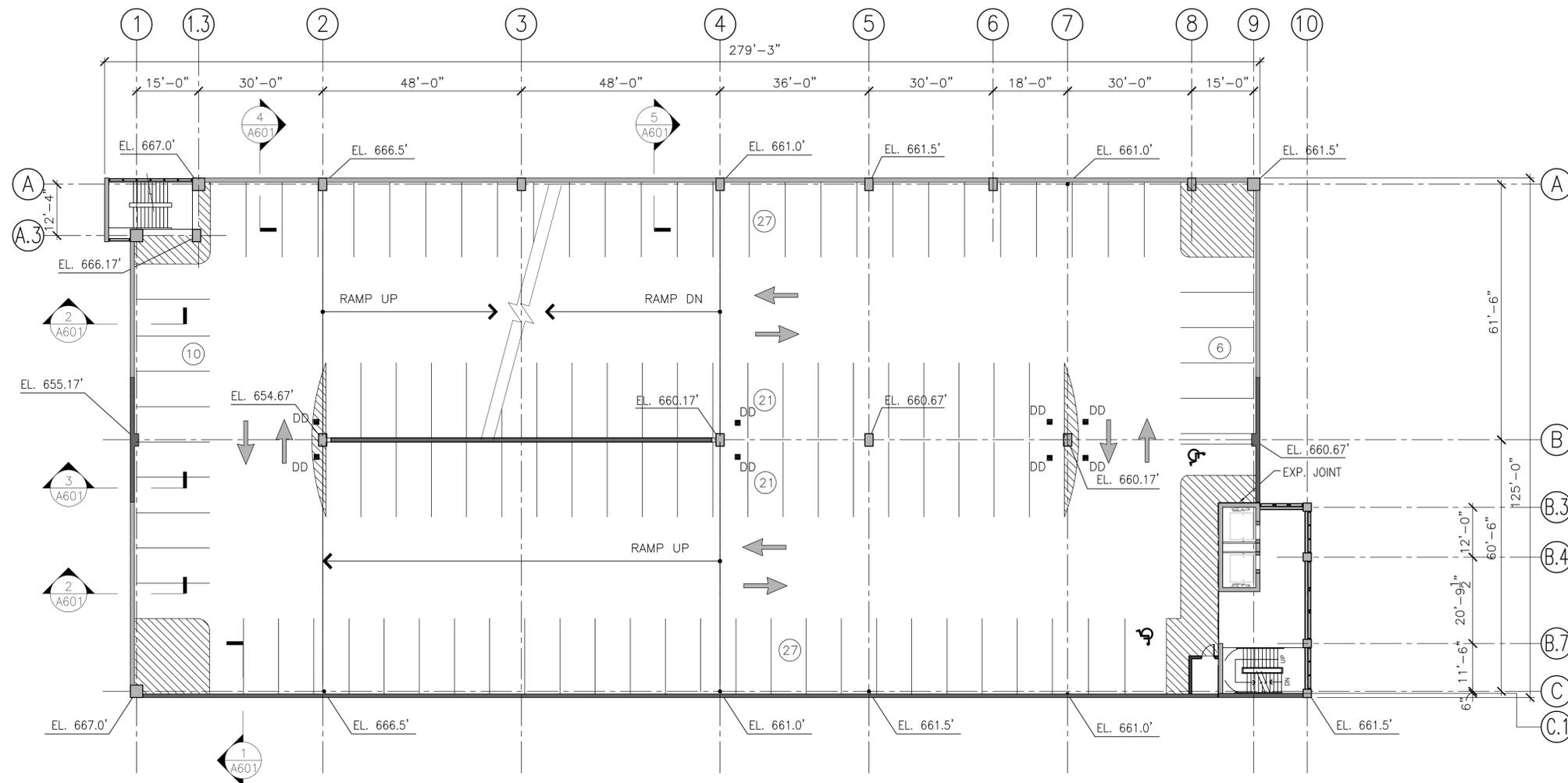
SCALE: AS NOTED

DESIGN TA	DRAWN DTN	CH'KD
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**STORRS CENTER
GR-1
PARKING FACILITY**

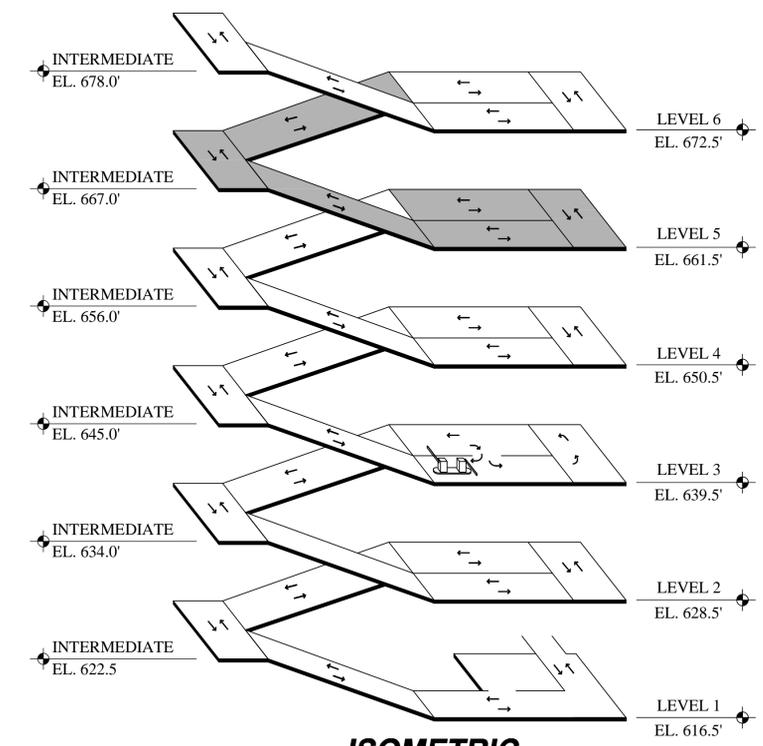
CONNECTICUT

MANSFIELD,



LEVEL 5 - FLOOR PLAN

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



ISOMETRIC

SEAL:

REVISION:

SHEET TITLE:
**LEVEL 5
FLOOR PLAN**

JOB #:
40-10125.00-1

ISSUE:
Planning Board Sub.

DATE:
March 29, 2011

DRAWING NO.
A105

SCALE: AS NOTED

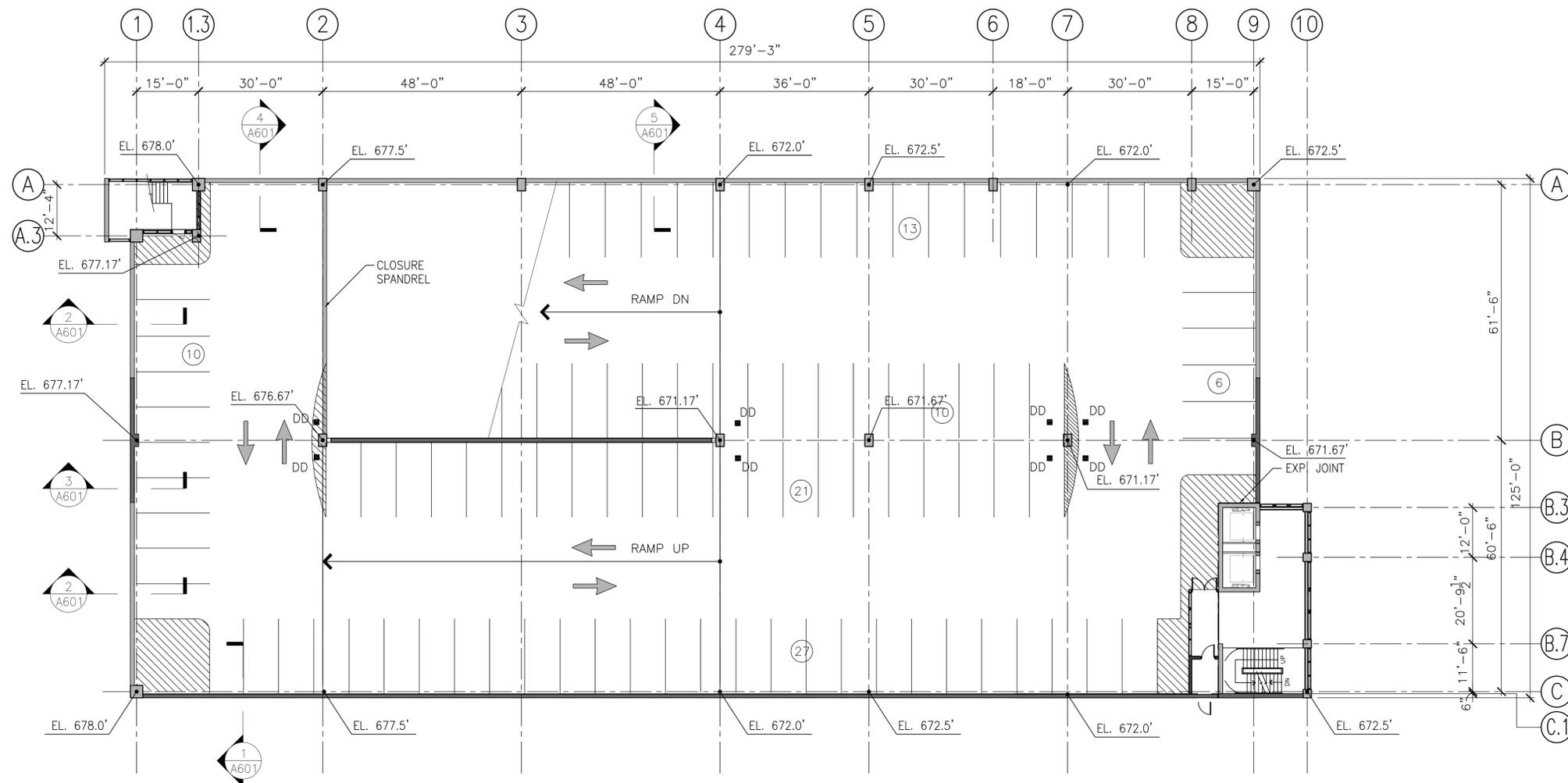
DESIGN TA	DRAWN DTN	CH'KD
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**STORRS CENTER
GR-1
PARKING FACILITY**

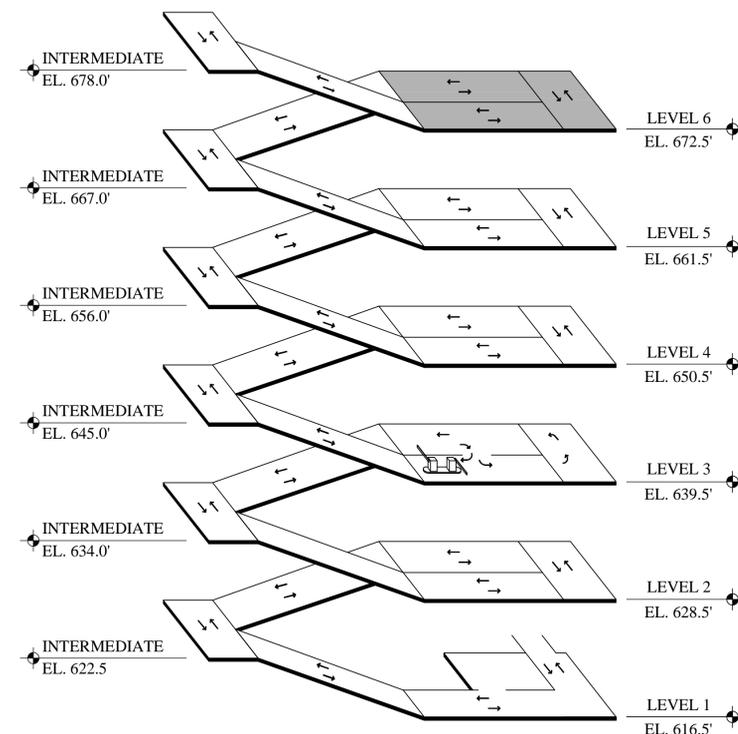
CONNECTICUT

MANSFIELD,



LEVEL 6 - FLOOR PLAN

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



ISOMETRIC

SEAL:

REVISION:

SHEET TITLE:

**LEVEL 6
FLOOR PLAN**

JOB #: **40-10125.00-1**

ISSUE: **Planning Board Sub.**

DATE: **March 29, 2011**

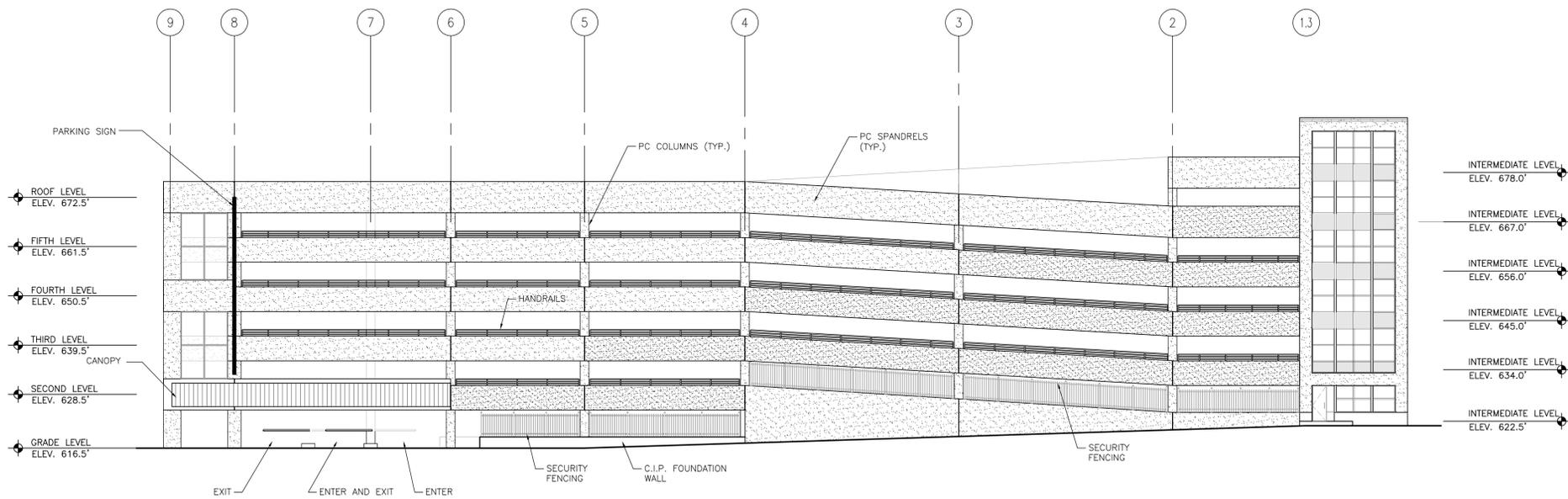
DRAWING NO.

A106

SCALE: AS NOTED

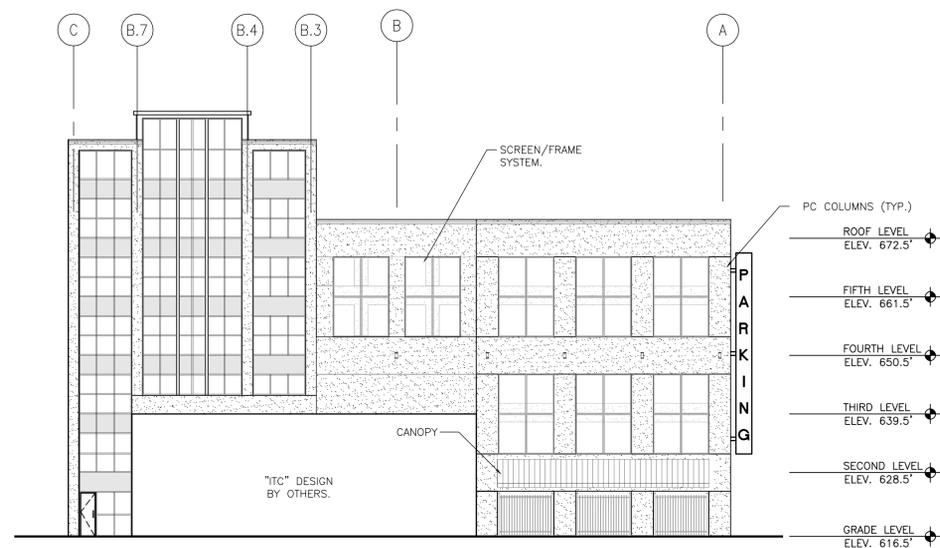
DESIGN TA	DRAWN DTN	CH'KD
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EAST ELEVATION

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



SOUTH ELEVATION

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

**STORRS CENTER
GR-1
PARKING FACILITY**

CONNECTICUT

MANSFIELD

SEAL:

REVISION:

SHEET TITLE:

**EAST & SOUTH
ELEVATIONS**

JOB #: **40-10125.00-1**

ISSUE: **Planning Board Sub.**

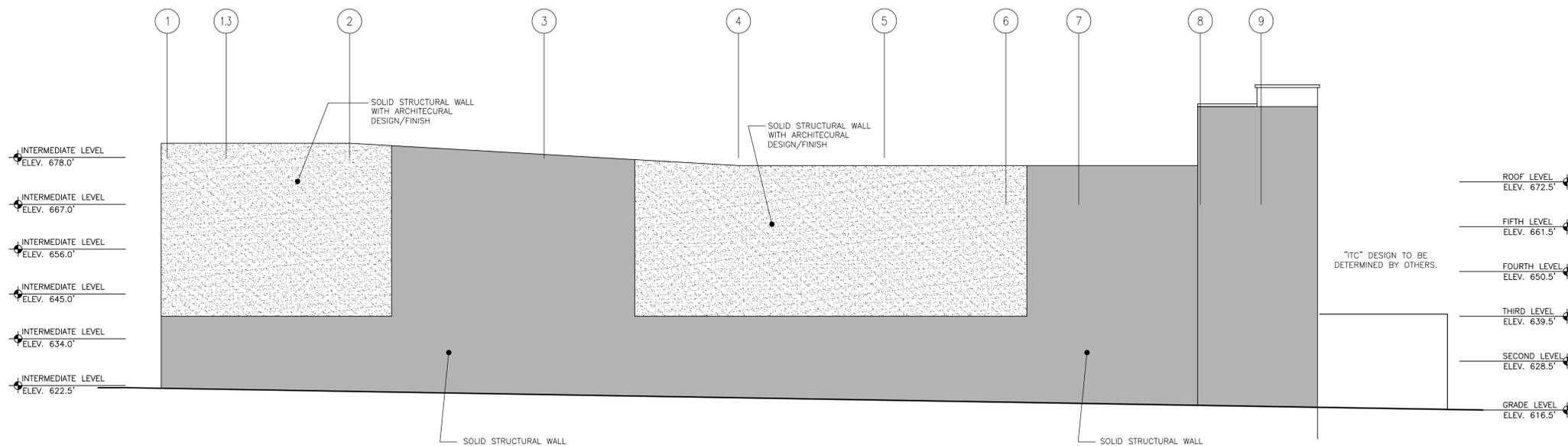
DATE: **March 29, 2011**

DRAWING NO.

A201

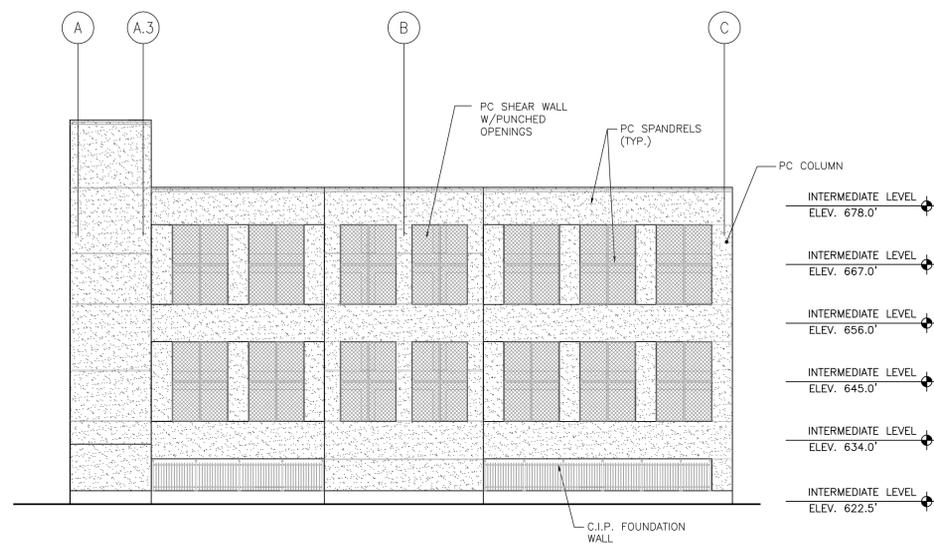
SCALE: AS NOTED

DESIGN TA	DRAWN DTN	CH'KD
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WEST ELEVATION

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



NORTH ELEVATION

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

**STORRS CENTER
GR-1
PARKING FACILITY**

CONNECTICUT

MANSFIELD,

SEAL:

REVISION:

SHEET TITLE:

**NORTH & WEST
ELEVATIONS**

JOB #: **40-10125.00-1**

ISSUE: **Planning Board Sub.**

DATE: **March 29, 2011**

DRAWING NO.

A202

SCALE: AS NOTED

DESIGN TA	DRAWN DTN	CH'KD
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