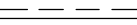
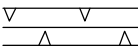


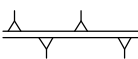





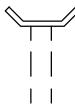

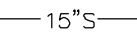


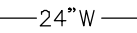



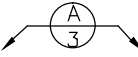


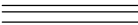

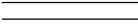
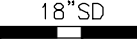

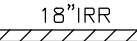
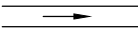
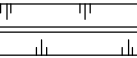
	Existing Improvements (Light & Dashed Linetype)		Edge of Proposed Pavement w/Thickened Edge		Dirt Ditch
	Right of Way Line		Survey Monument (Brass Cap, Stone, Etc. in Hand Hole)		Irrigation Berm
	Property Line		Survey Monument (Brass Cap on Surface)		Top of Bank Toe of Slope
	Center or Monument Line		Survey Monument (Rebar or Pipe)		Headwall
	Easement Line		15" S Sewer Line & Size		Irrigation Standpipe
	Barricade		24" W Water Line & Size		Irrigation (Alfalfa) Valve
	Traffic Sign & Delineator		Water or Gas Valve		Section No. Sheet No.
	Pavement Sawcut		Tapping Sleeve & Valve		
	Vertical Curb & Gutter		Fire Hydrant		
	Roll Curb & Gutter		18" SD Storm Drain & Size		
	Single Vertical Curb		18" IRR Irrigation Line & Size		
	Concrete Valley Gutter (w/Direction of Flow)		Concrete Lined Ditch		

NOTES:

1. PLANS SHALL BE OF A QUALITY TO ALLOW MICROFILMING. (i.e. LINE WEIGHT AND LETTER SIZE SHALL BE EASILY READ WHEN REDUCED BY 50%)
2. EXISTING IMPROVEMENTS INCLUDE BUT ARE NOT LIMITED TO CURB & GUTTER, SIDEWALK, AND DRIVEWAYS.
3. ALL PROPOSED CONSTRUCTION NOTES SHALL BE BOXED.

ACCURATE FIELD DATA BLOCK

BLUE STAKE BLOCK
(ALL SHEETS)

CITY OF GOODYEAR GENERAL
NOTES FOR CONSTRUCTION

ZONING

UTILITY CONFLICT CERTIFICATION

MARICOPA COUNTY
DEPARTMENT OF
ENVIRONMENTAL SERVICES
APPROVAL (AS REQUIRED)

BENCHMARK
(NAVD 88)

XYZ SUBDIVISION

IMPROVEMENT PLANS
DESCRIPTION, SECTION,
TOWNSHIP, & RANGE
GOODYEAR, ARIZONA

VICINITY MAP

SHEET INDEX

OTHER SIGNATURE BLOCKS AND
NOTES, AS REQUIRED - (RID,
LIBERTY, ADOT, MCDOT, ETC.)

QUANTITIES

CITY OF GOODYEAR	LIBERTY	PROPERTY OWNER

(MATCHES PERMIT)

ADD AS-BUILT
CERTIFICATION BLOCK

OWNER/DEVELOPER
NAME, ADDRESS
TELEPHONE NUMBER

ARCHITECT
NAME, ADDRESS
TELEPHONE NUMBER

ENGINEERING COMPANY
NAME, ADDRESS
TELEPHONE NUMBER

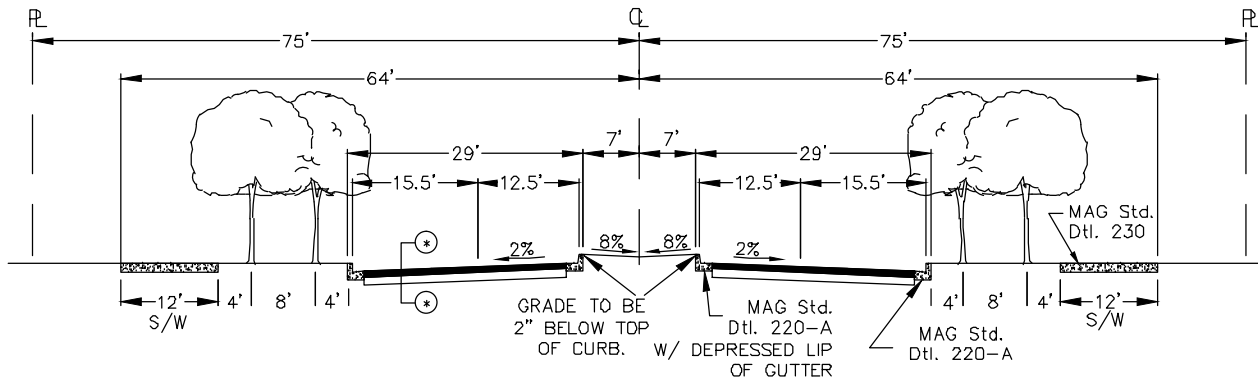
XYZ SUBDIVISION
IMPROVEMENT PLANS

CITY OF GOODYEAR			
REVIEW AND RECOMMENDED APPROVAL BY:			
FIRE DEPT		GRADING & DRAINAGE	
LANDSCAPING		WATER & SEWER	
TRAFFIC SIGNAL		PAVING	
STREET LIGHTS		SIGNING & STRIPING	
APPROVED BY: _____			
PLANS EXAMINER _____		DATE _____	

SEAL &
SIGNATURE

SHEET NO.
SHT _ OF _

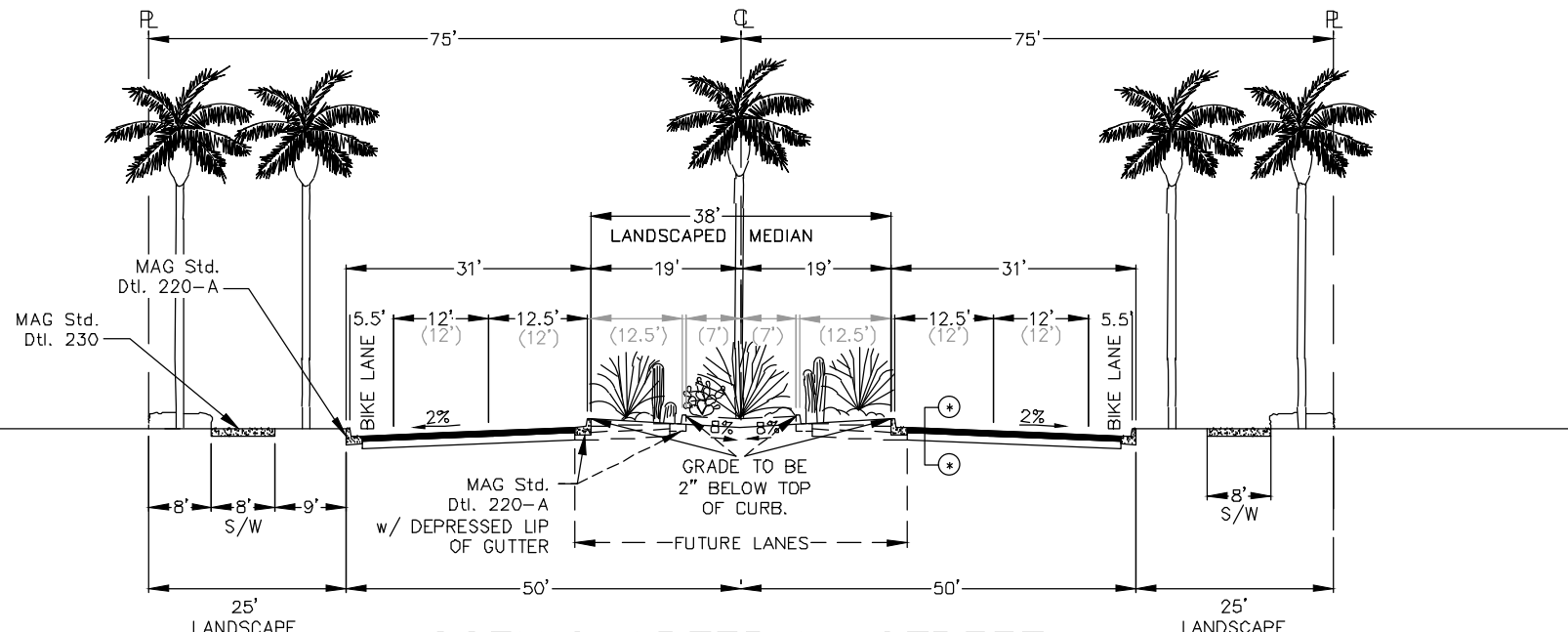
HTE# XX-XXXX



CITY CENTER ARTERIAL STREET

NOTES:

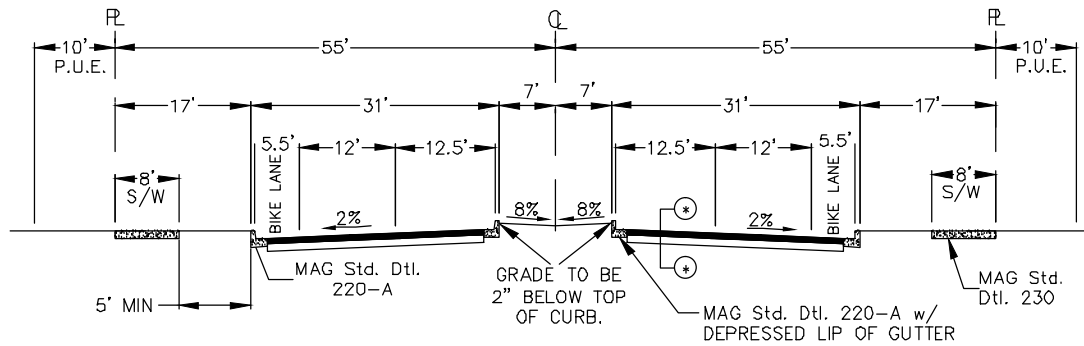
1. LANDSCAPE EASEMENTS AND PUBLIC UTILITY EASEMENTS ARE CONSIDERED INCLUSIVE IN THE CITY CENTER ARTERIAL ROW. NO ADDITIONAL EASEMENT IS TYPICALLY REQUIRED. LANDSCAPE SETBACKS SHALL MEET THE CITY STANDARD FOR ARTERIAL ROADWAYS.
2. BIKE LANES ARE TYPICALLY NOT REQUIRED ON CITY CENTER ARTERIAL ROADWAYS, HOWEVER THE CITY ENGINEERING DEPARTMENT RESERVES THE RIGHT TO REQUIRE ADDITIONAL PAVEMENT, SIGNAGE, AND STRIPING FOR BIKE LANES AS NEEDED.
3. WALLS IN EXCESS OF 3' IN HEIGHT (6' FOR RESIDENTIAL SUBDIVISIONS) AND BUILDINGS SHALL NOT BE PERMITTED WITHIN THE LANDSCAPE SETBACKS ON SCENIC ARTERIAL ROADWAYS.
4. DIMENSIONS IN PARENTHESES REFLECT ULTIMATE PAVING DIMENSIONS.
5. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
6. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.



SCENIC ARTERIAL STREET

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

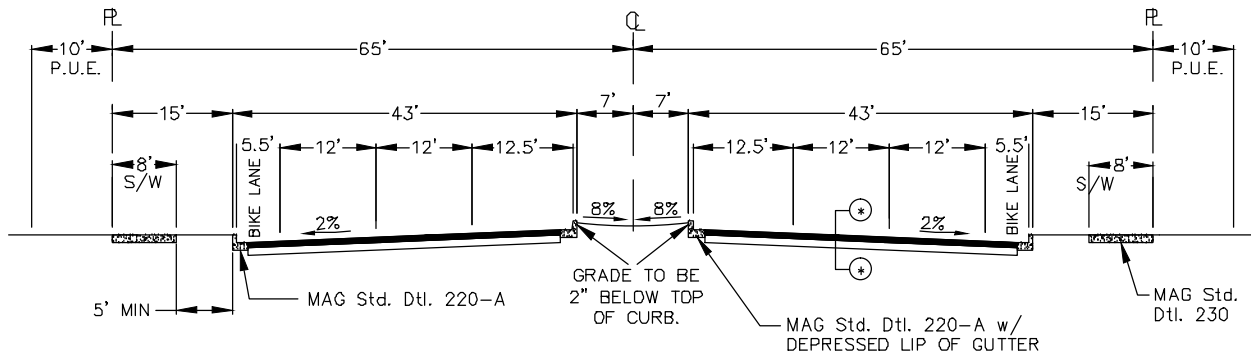
DETAIL NO. G-3120	CITY OF GOODYEAR STANDARD DETAIL	APPROVED:08/17	CITY CENTER & SCENIC ARTERIAL STREET CROSS SECTION	DETAIL NO. G-3120
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MINOR ARTERIAL STREET

NOTES:

1. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
2. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.



MAJOR ARTERIAL STREET

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

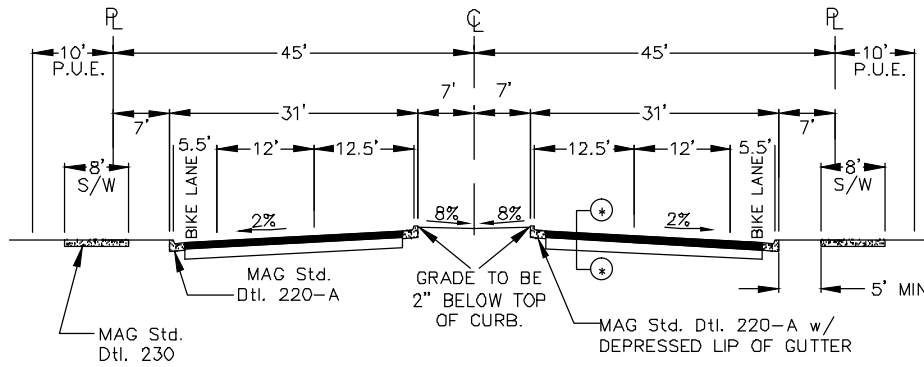
DETAIL NO.
G-3122

CITY OF GOODYEAR
STANDARD DETAIL

APPROVED:08/17

ARTERIAL STREET CROSS SECTIONS

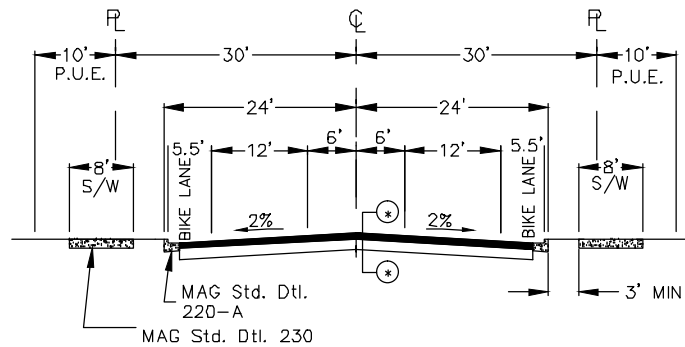
DETAIL NO.
G-3122



MAJOR COLLECTOR STREET

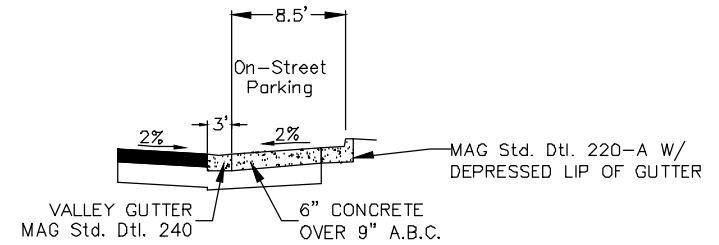
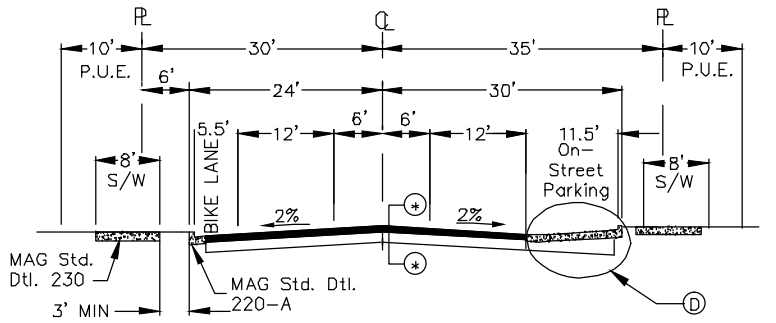
NOTES:

1. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
2. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.



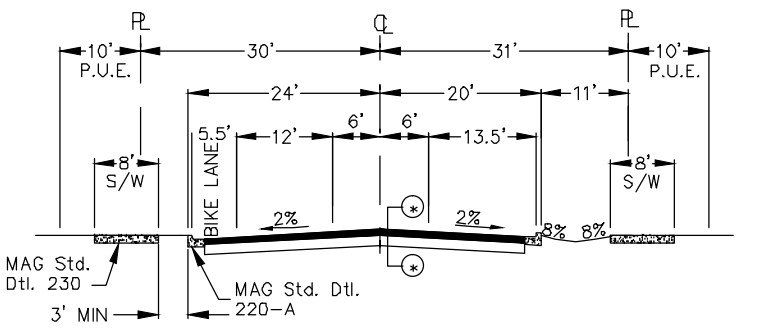
MINOR COLLECTOR STREET

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

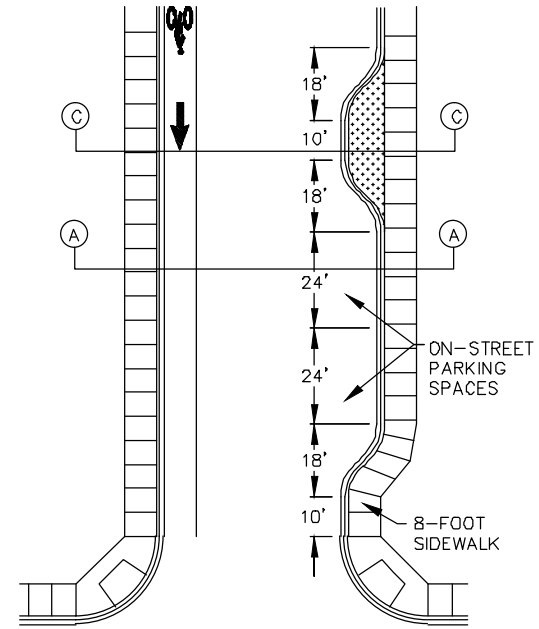


DETAIL D

A A



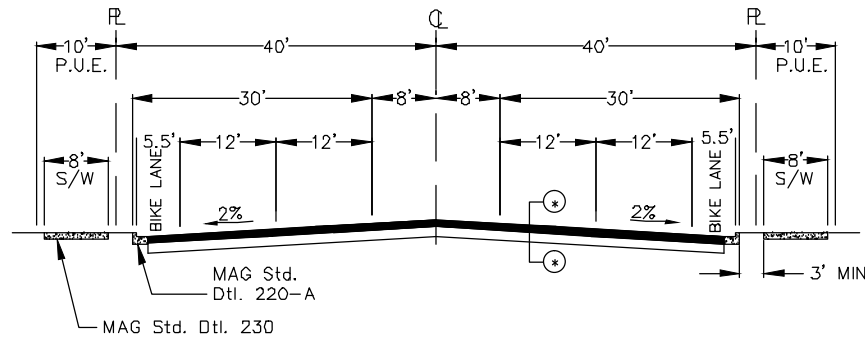
C C



MINOR COLLECTOR WITH ON-STREET PARKING

- NOTES:
1. SIDEWALKS MAY BE EITHER ATTACHED OR DETACHED TO THE CURB. DETACHED SIDEWALKS SHALL BE A MINIMUM 3' FROM THE BACK OF CURB AND A MINIMUM 5' FOR LANDSCAPING.
 2. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
 3. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.
- * SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

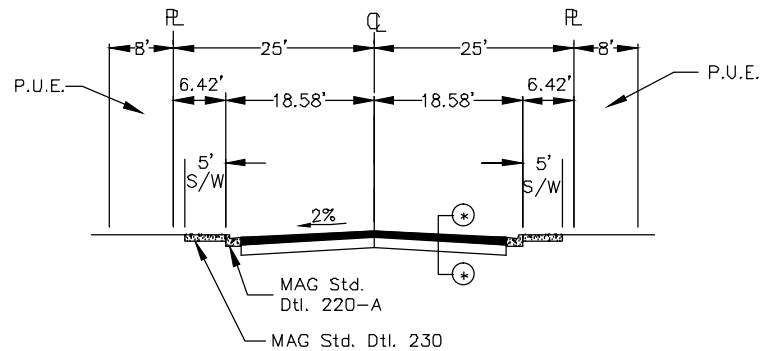
DETAIL NO. G-3124-2	CITY OF GOODYEAR STANDARD DETAIL	APPROVED:08/17	MINOR COLLECTOR STREET WITH ON-STREET PARKING	DETAIL NO. G-3124-2
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COMMERCIAL / INDUSTRIAL COLLECTOR STREET

NOTES:

1. ON COLLECTOR USE 5' SIDEWALK IN INDUSTRIAL AREAS ONLY.
2. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
3. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.



COMMERCIAL / INDUSTRIAL LOCAL STREET

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

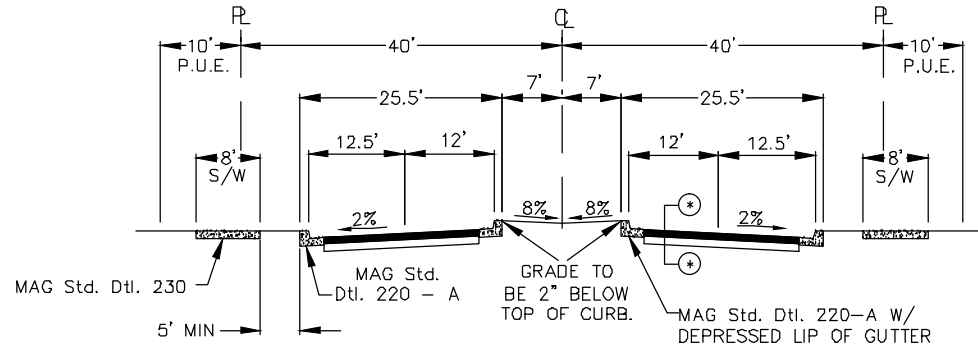
DETAIL NO.
G-3124-3

CITY OF GOODYEAR
STANDARD DETAIL

APPROVED:08/17

COMMERCIAL / INDUSTRIAL COLLECTOR AND LOCAL STREET CROSS SECTIONS

DETAIL NO.
G-3124-3

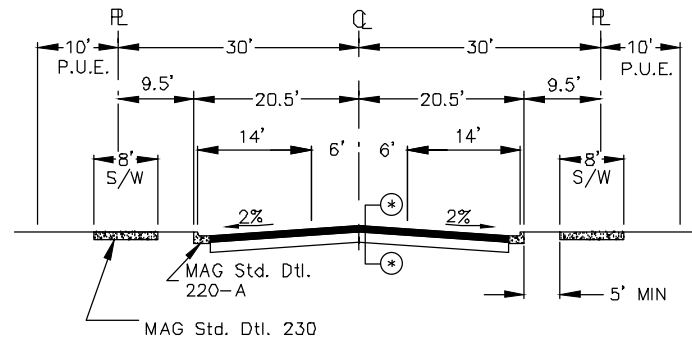


SPECIAL USE MAJOR COLLECTOR STREET

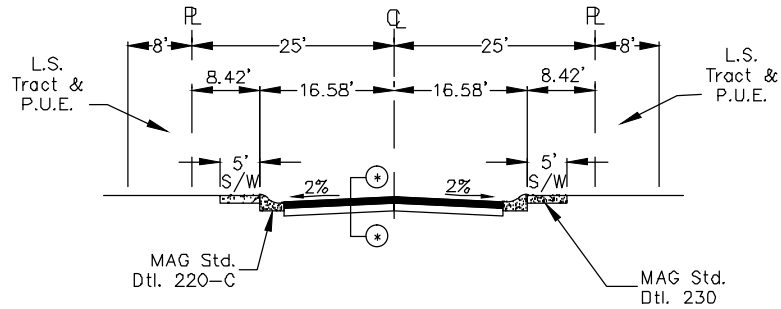
THIS DETAIL IS NOT TO BE USED AS THE CITY STANDARD FOR COLLECTOR ROADS. (See Note 1)

NOTES:

1. CITY STD. DTL. G-3124-1 SHALL BE USED AS THE TYPICAL CROSS-SECTIONS FOR COLLECTOR ROADS.
 2. THIS DETAIL SHALL ONLY BE USED AT LOCATIONS WHERE THE CITY DESIRES TO MATCH AN EXISTING STREET CROSS-SECTION.
 3. APPROVAL FROM THE CITY ENGINEER SHALL BE OBTAINED PRIOR TO USING THIS DETAIL.
 4. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
 5. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.
- * SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION



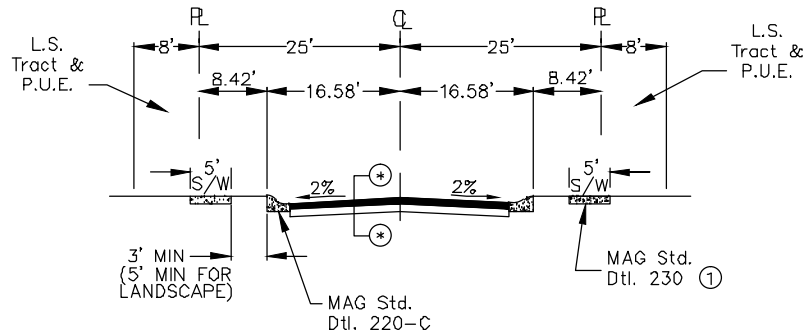
SPECIAL USE MINOR COLLECTOR STREET



NOTES:

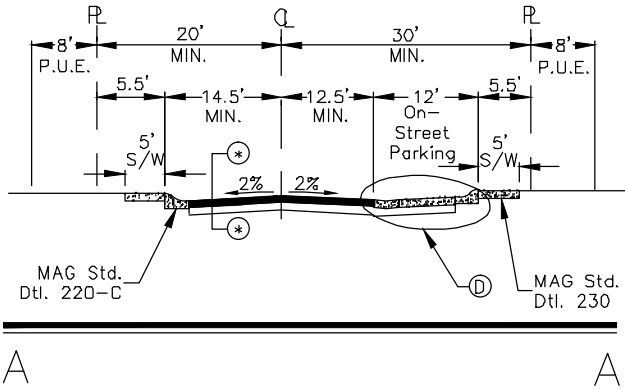
1. THE DETACHED 5' SIDEWALK MAY ENCROACH UP TO 1.5' INTO THE P.U.E.
2. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.

LOCAL STREET



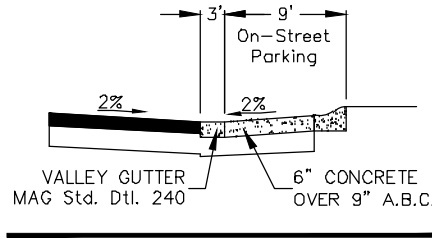
LOCAL STREET
WITH DETACHED SIDEWALK

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

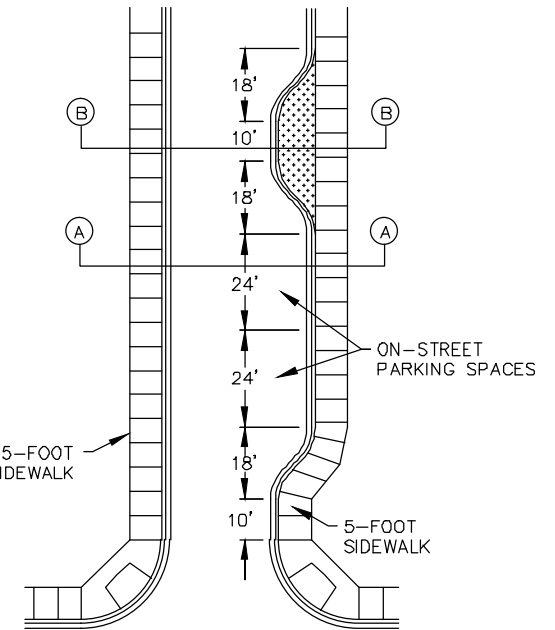
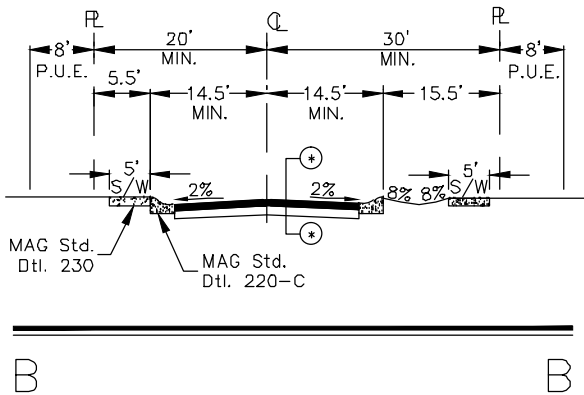


NOTES:

1. DETACHED SIDEWALK NOT PERMITTED ADJACENT TO ON-STREET PARKING.
2. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.

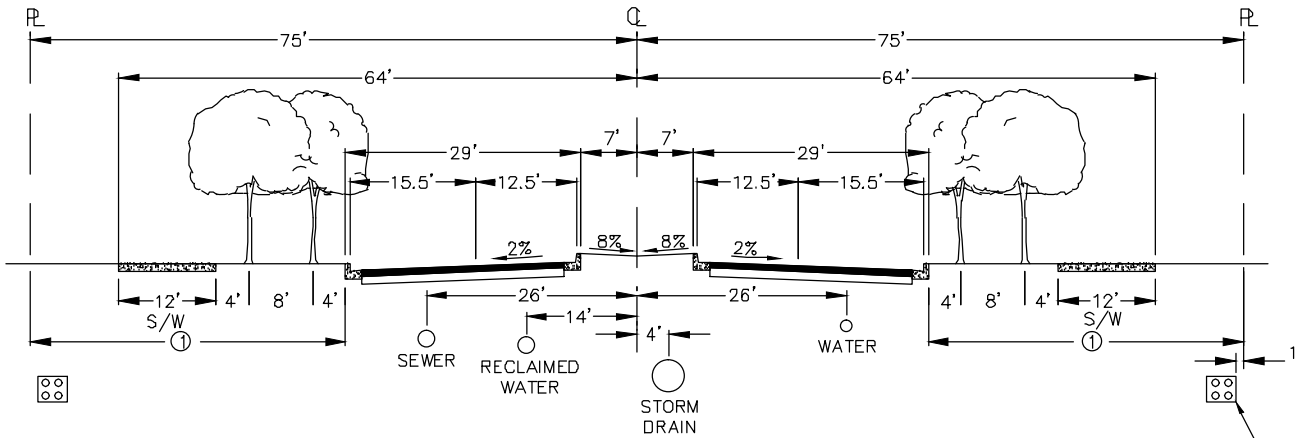


DETAIL D



PRIVATE STREET WITH ON-STREET PARKING

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

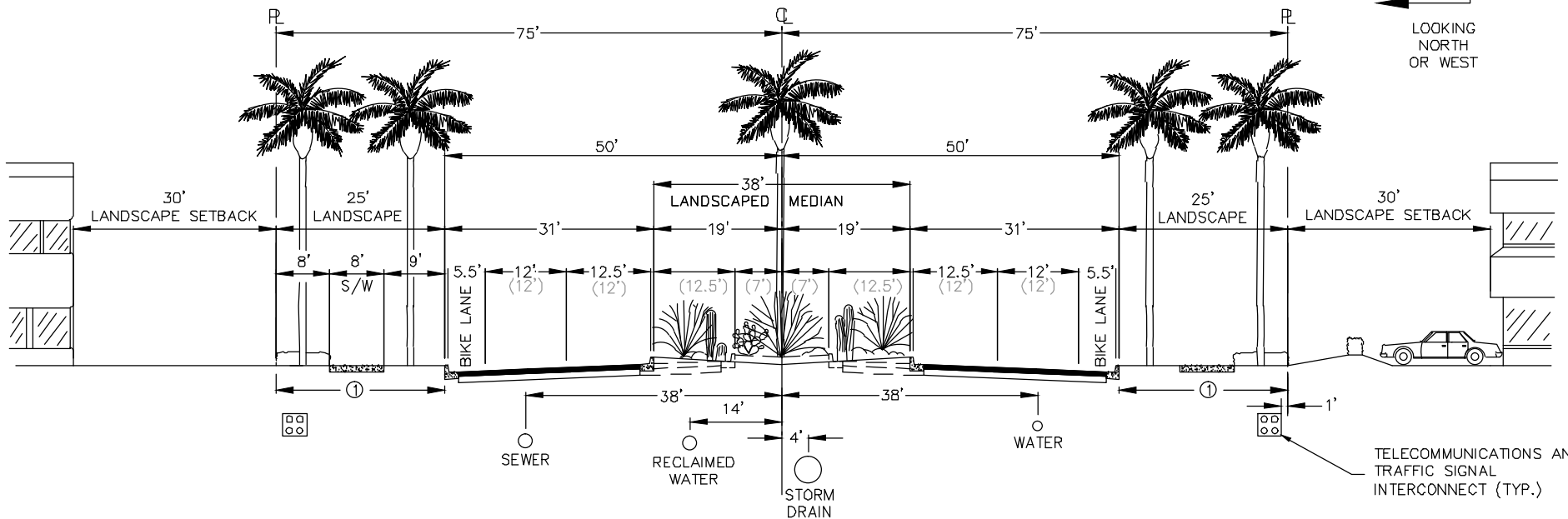
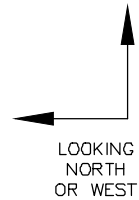


CITY CENTER ARTERIAL STREET

NOTES:

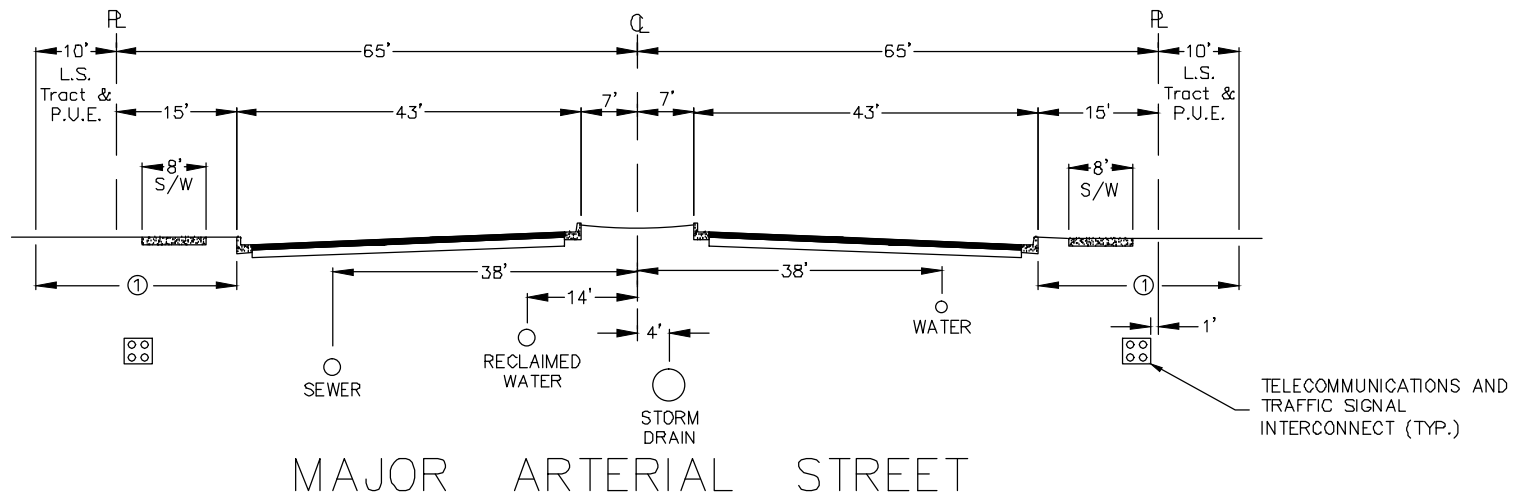
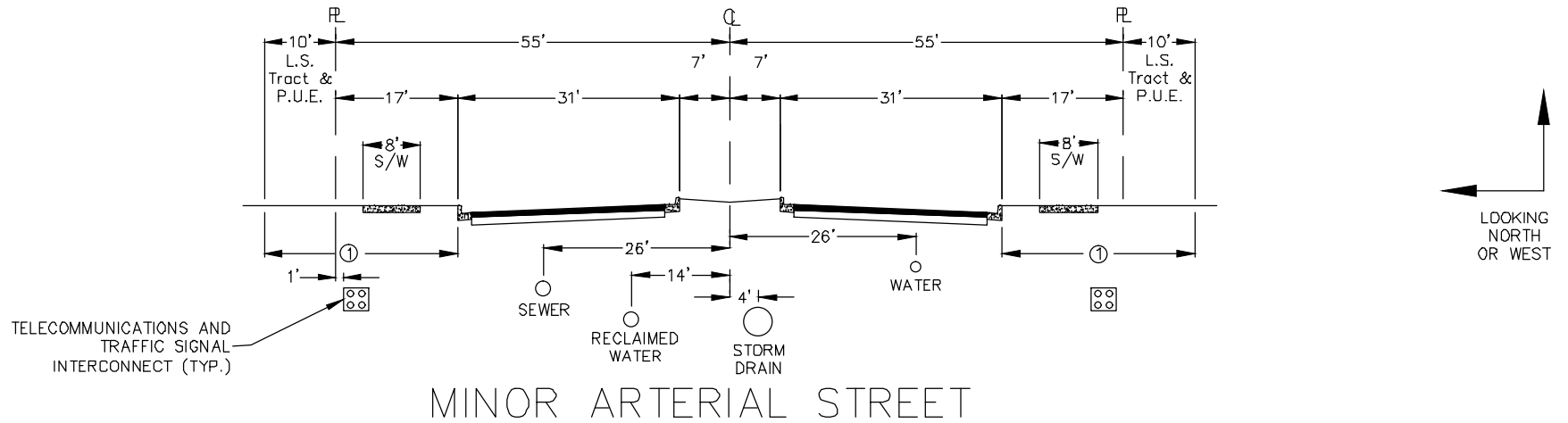
1. TELECOMMUNICATIONS AND TRAFFIC SIGNAL INTERCONNECT CONDUIT SHALL BE INSTALLED BEHIND THE BACK OF CURB AT A DISTANCE OF 1' FROM THE RIGHT OF WAY LINE.
2. PAVEMENT CUTS OF PUBLIC STREETS ARE NOT PERMITTED. FACILITIES SHALL BE BORED UNDER PAVEMENT AND CURB.
3. ALTERNATIVE FACILITY LOCATIONS AND REQUESTS TO CUT STREET PAVEMENT REQUIRE THE APPROVAL OF THE PUBLIC WORKS AND ENGINEERING DEPARTMENTS. SUPPORTING JUSTIFICATION IS REQUIRED FOR ALL REQUESTS.
4. WHERE STREET LIGHTS ARE LOCATED WITHIN THE MEDIAN, A MINIMUM 18" CLEAR SHALL BE MAINTAINED FROM THE STREET LIGHT FOUNDATION TO THE OUTSIDE EDGE OF A STORM DRAIN LINE OR OTHER CITY UTILITY LINE.
5. IRRIGATION MAINS AND LATERALS SHALL BE INSTALLED IN THE PERMANENT AREA OF THE LANDSCAPED MEDIAN.

TELECOMMUNICATIONS AND TRAFFIC SIGNAL INTERCONNECT (TYP.)



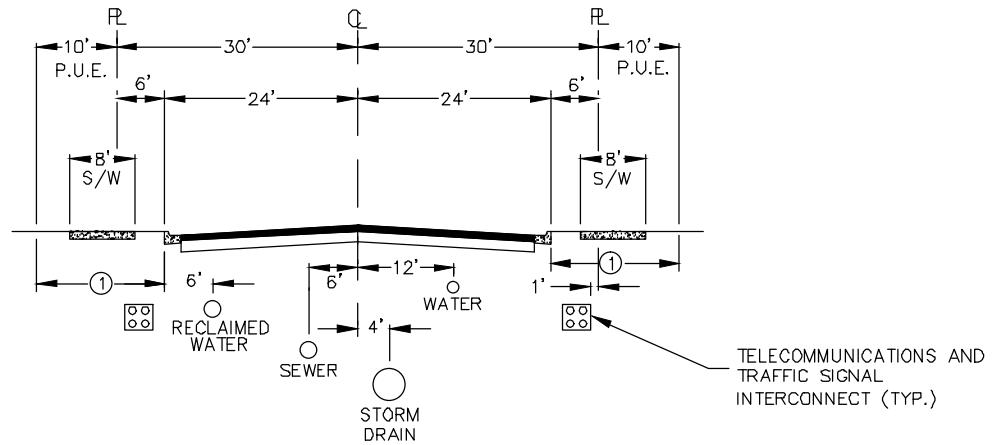
SCENIC ARTERIAL STREET

TELECOMMUNICATIONS AND TRAFFIC SIGNAL INTERCONNECT (TYP.)

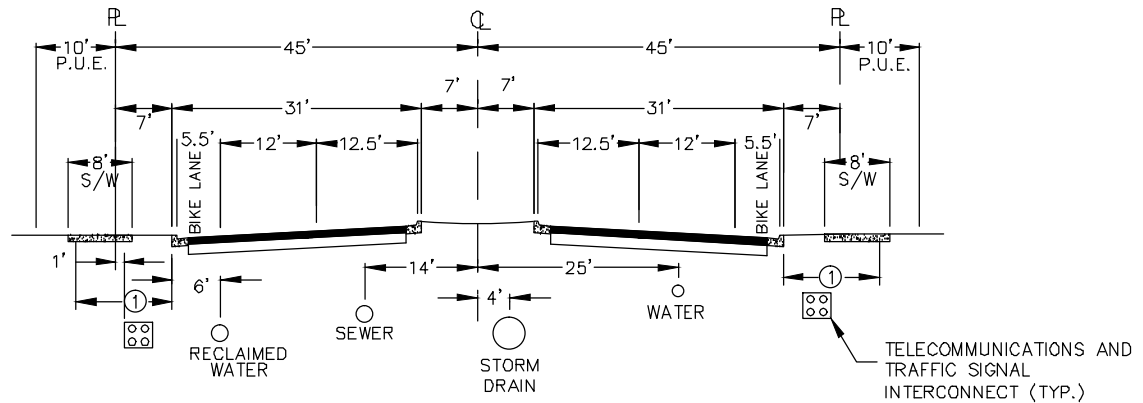
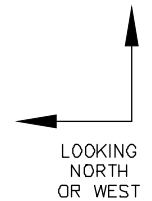


NOTES:

1. TELECOMMUNICATIONS AND TRAFFIC SIGNAL INTERCONNECT CONDUIT SHALL BE INSTALLED BEHIND THE BACK OF CURB AT A DISTANCE OF 1' FROM THE RIGHT OF WAY LINE.
2. PAVEMENT CUTS OF PUBLIC STREETS ARE NOT PERMITTED. FACILITIES SHALL BE BORED UNDER PAVEMENT AND CURB.
3. ALTERNATIVE FACILITY LOCATIONS AND REQUESTS TO CUT STREET PAVEMENT REQUIRE THE APPROVAL OF THE PUBLIC WORKS AND ENGINEERING DEPARTMENTS. SUPPORTING JUSTIFICATION IS REQUIRED FOR ALL REQUESTS.
4. WHERE STREET LIGHTS ARE LOCATED WITHIN THE MEDIAN, A MINIMUM 18" CLEAR SHALL BE MAINTAINED FROM THE STREET LIGHT FOUNDATION TO THE OUTSIDE EDGE OF A STORM DRAIN LINE OR OTHER CITY UTILITY LINE.



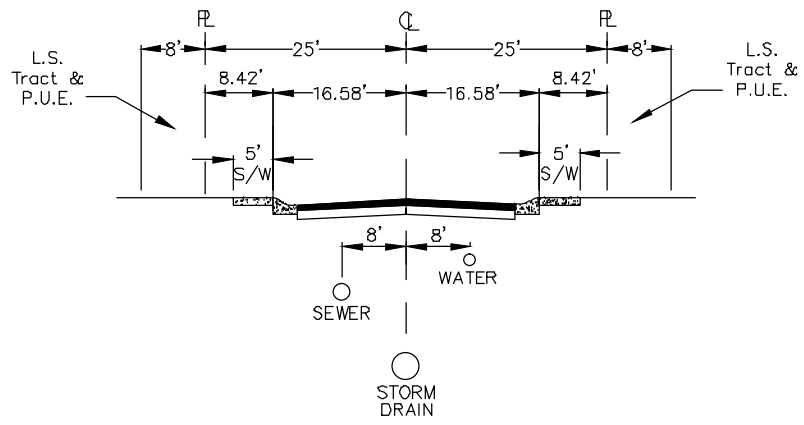
MINOR COLLECTOR ROAD



MAJOR COLLECTOR ROAD

NOTES:

1. TELECOMMUNICATIONS AND TRAFFIC SIGNAL INTERCONNECT CONDUIT SHALL BE INSTALLED BEHIND THE BACK OF CURB AT A DISTANCE OF 1' FROM THE RIGHT OF WAY LINE.
2. PAVEMENT CUTS OF PUBLIC STREETS ARE NOT PERMITTED. FACILITIES SHALL BE BORED UNDER PAVEMENT AND CURB.
3. ALTERNATIVE FACILITY LOCATIONS AND REQUESTS TO CUT STREET PAVEMENT REQUIRE THE APPROVAL OF THE PUBLIC WORKS AND ENGINEERING DEPARTMENTS. SUPPORTING JUSTIFICATION IS REQUIRED FOR ALL REQUESTS.
4. WHERE STREET LIGHTS ARE LOCATED WITHIN THE MEDIAN, A MINIMUM 18" CLEAR SHALL BE MAINTAINED FROM THE STREET LIGHT FOUNDATION TO THE OUTSIDE EDGE OF A STORM DRAIN LINE OR OTHER CITY UTILITY LINE. THE STREET LIGHT POLE SHALL BE LOCATED NO CLOSER THAN 18" TO THE NEAREST BACK OF CURB.

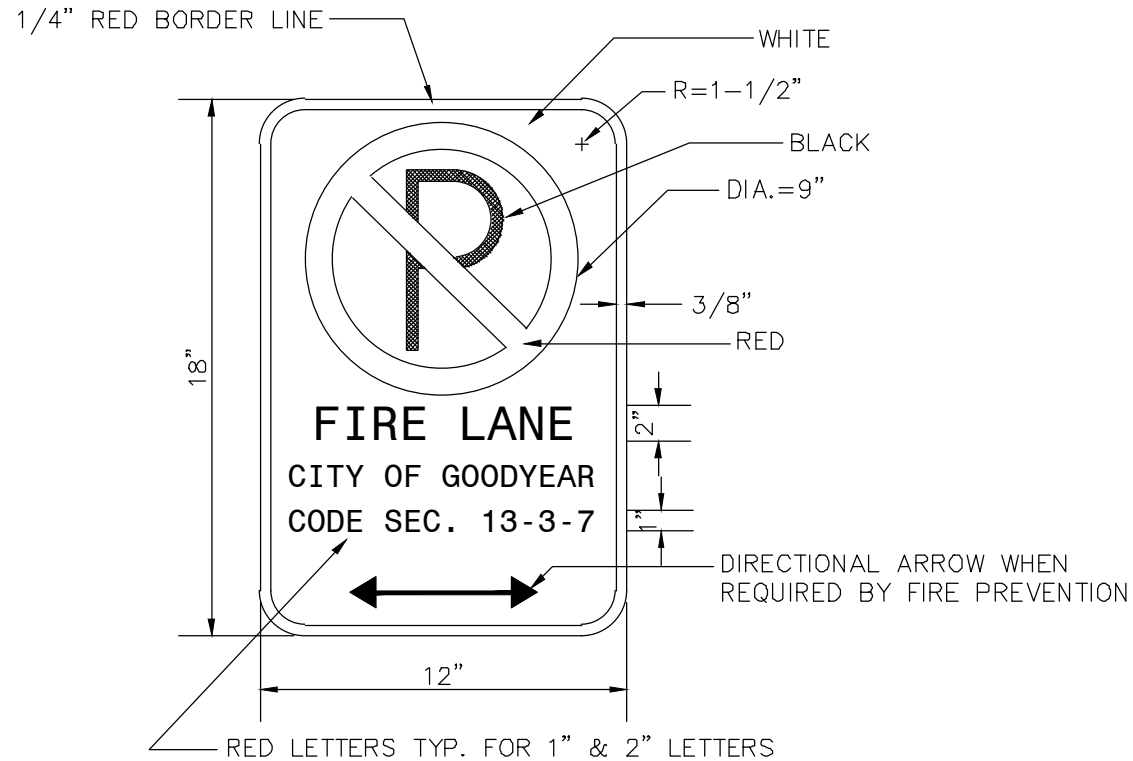


LOCAL STREET

NOTES:

1. PAVEMENT CUTS OF PUBLIC STREETS ARE NOT PERMITTED. FACILITIES SHALL BE BORED UNDER PAVEMENT AND CURB.
2. ALTERNATIVE FACILITY LOCATIONS AND REQUESTS TO CUT STREET PAVEMENT REQUIRE THE APPROVAL OF THE PUBLIC WORKS AND ENGINEERING DEPARTMENTS. SUPPORTING JUSTIFICATION IS REQUIRED FOR ALL REQUESTS.

1. FIRE LANE SIGNS SHALL BE INSTALLED AS REQUIRED BY THE CITY FIRE DEPARTMENT.
 - A. SIGNS SHALL BE 12" WIDE AND 18" LONG BY .063" THICK. THEY SHALL HAVE A REFLECTORIZED SURFACE USING SCOTCHLITE MATERIAL OR EQUAL.
 - B. THEY SHALL BE MOUNTED ON STURDY METAL POSTS WITH THE BOTTOM OF THE SIGN NO LESS THAN 5' AND NO GREATER THAN 7' ABOVE GRADE.
 - C. THE SIGN SHALL READ AS FOLLOWS:

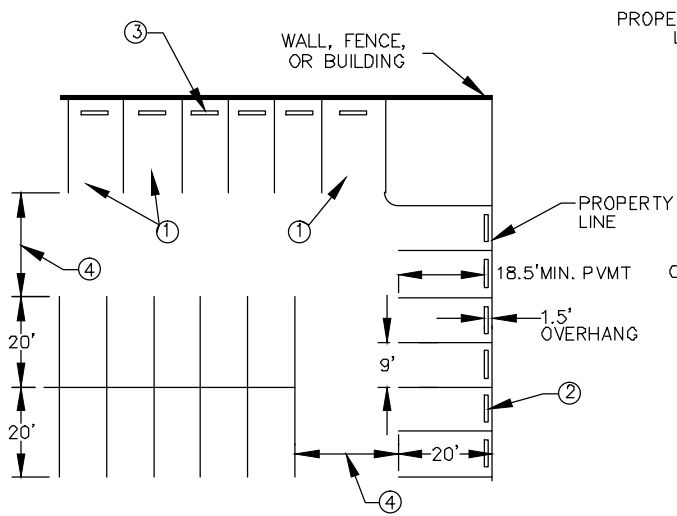


2. SIGNS SHALL BE PROVIDED AND MAINTAINED BY PROPERTY OWNER/OCCUPANT.

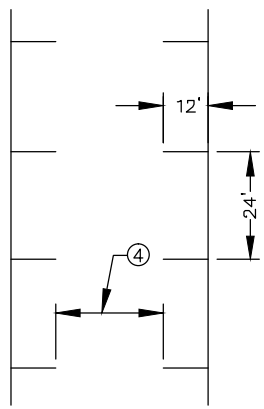


NOTES:

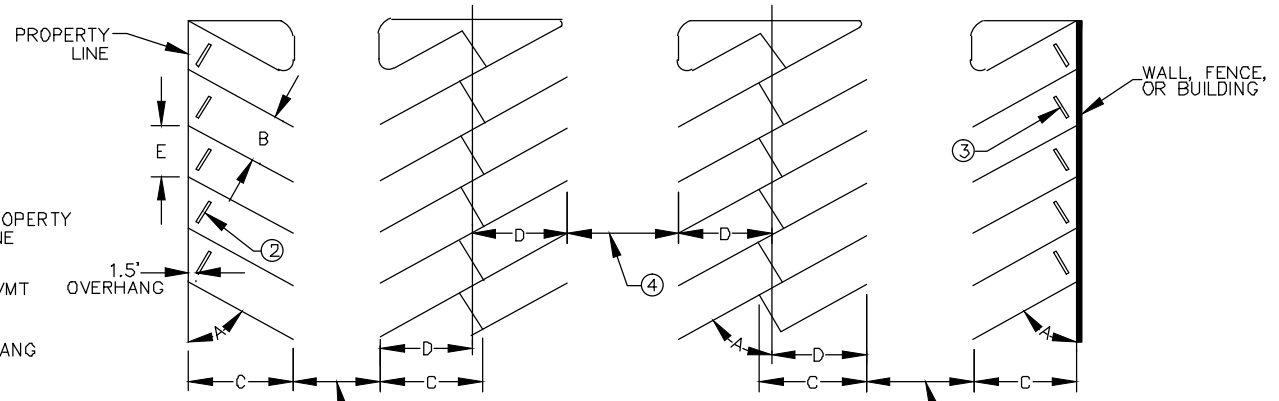
1. THE SIGN PLATE SHALL HAVE MINIMUM DIMENSIONS OF 12" X 24", A THICKNESS OF 0.08", AND BE CONSTRUCTED FROM VIP DIAMOND SHEETING.
2. THE SIGN FACE SHALL HAVE A WHITE REFLECTIVE BACKGROUND WITH A BLUE LEGEND. SEE THE CITY APPROVED MATERIALS LIST FOR SPECIFIC MATERIAL REQUIREMENTS.
3. ALL ACCESSIBLE PARKING SPACES SHALL BE IDENTIFIED BY A SIGN ON A CITY APPROVED STATIONARY POST OR APPROVED WALL LOCATION. THESE SIGNS SHALL NOT BE OBSCURED FROM VIEW.
4. THE BOTTOM OF THE SIGN SHALL BE LOCATED NOT LESS THAN 5' NOR MORE THAN 6' ABOVE THE GRADE (PARKING LOT SURFACE) AND SHALL BE VISIBLE DIRECTLY IN FRONT OF THE PARKING SPACE.
5. ACCESSIBLE PARKING SPACES SHALL BE DESIGNATED AS RESERVED FOR PHYSICALLY DISABLED BY A SIGN SHOWING THE INTERNATIONAL WHEELCHAIR SYMBOL.
6. THE SIGN SHALL AT A MINIMUM HAVE THE FOLLOWING ITEMS "RESERVED PARKING" NOTICE, INTERNATIONAL WHEELCHAIR SYMBOL, "CITY OF GOODYEAR" NAME, AND "CITY CODE 13-3-6".



90° PARKING



PARALLEL PARKING



ANGLE PARKING

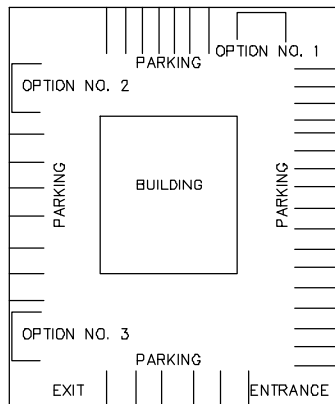
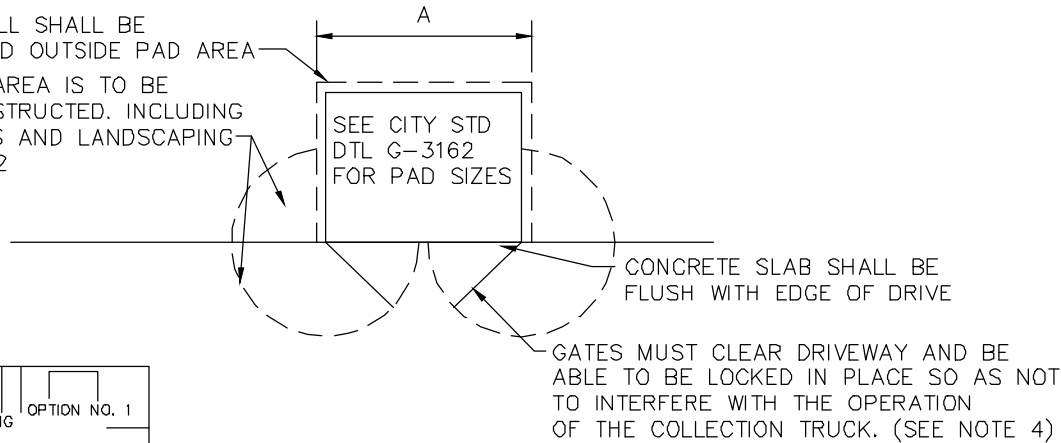
TABLE A

A	B	C	D	E
PARKING ANGLE	STALL WIDTH	STALL DEPTH	PARKING DEPTH	CURB LENGTH
30°	9'	18.0'	14.1'	18.0'
45°	9'	20.5'	17.3'	12.7'
60°	9'	22.0'	19.8'	10.4'

NOTES:

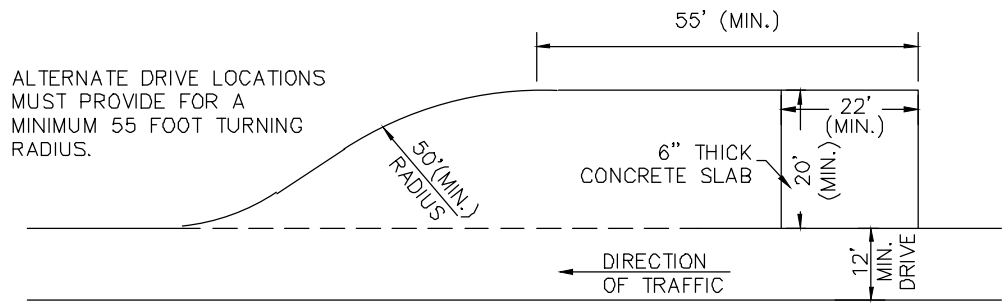
- HANDICAP STALLS ARE REQUIRED IN ALL PARKING LOTS. THIS DETAIL DOES NOT ADDRESS HANDICAP PARKING STALL DIMENSIONS. REFER TO THE APPLICABLE BUILDING CODE OR ADA REQUIREMENT FOR SPECIFIC INFORMATION ON HANDICAP STALL REQUIREMENTS.
- WHERE NO WALL OR BUILDING EXISTS, A 6" HIGH CURB OR BUMPER GUARD IS REQUIRED SO THAT NO PART OF THE VEHICLE EXTENDS OVER OR BEYOND THE PROPERTY LINE. A MAG Std 220-A CONCRETE CURB IS REQUIRED BETWEEN AREAS OF VEHICULAR ACTIVITY AND CITY RIGHT-OF-WAY.
- WHERE PARKING ABUTS A PERIMETER WALL/FENCE OR BUILDING, A 6" HIGH BUMPER GUARD IS RECOMMENDED TO PREVENT VEHICLE OR STRUCTURE DAMAGE.
- DRIVE AISLES DESIGNED FOR 2-WAY TRAFFIC FLOW SHALL HAVE A MINIMUM WIDTH OF 23'; DRIVE AISLES DESIGNED FOR 1-WAY TRAFFIC SHALL HAVE A MINIMUM WIDTH OF 12'; DRIVE AISLES TO BE USED FOR FIRE DEPARTMENT ACCESS SHALL HAVE A MINIMUM WIDTH OF 20'. HOWEVER ADDITIONAL DRIVE AISLE WIDTH MAY BE REQUIRED AS DIRECTED BY THE FIRE DEPARTMENT.

6' WALL SHALL BE PLACED OUTSIDE PAD AREA
THIS AREA IS TO BE UNOBSTRUCTED, INCLUDING CURBS AND LANDSCAPING
 $R=A/2$



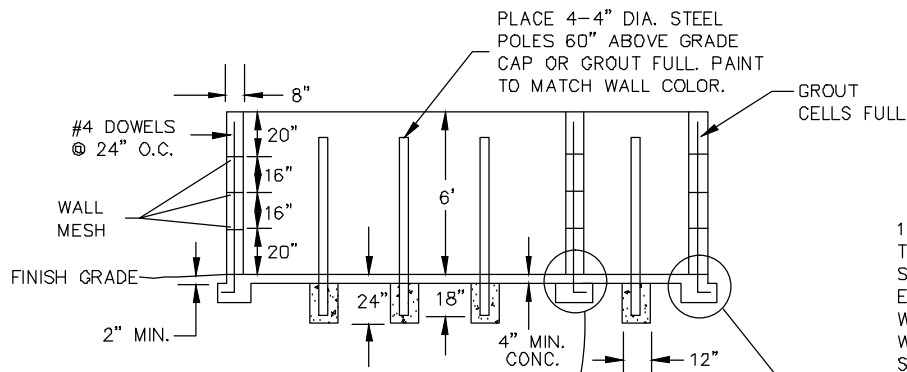
NOTES:

1. FRONT-END LOADED CONTAINERS WILL BE PLACED THROUGHOUT THE CITY AND AT ALL NEW COMMERCIAL BUSINESSES.
2. ENCLOSURES IN INDUSTRIAL AREAS SHALL BE PLACED IN THE BACK OF THE LOT IN LINE WITH THE DRIVE THRU SO THE DRIVER CAN HAVE A DIRECT APPROACH TO THE REFUSE BIN, SERVICE IT, AND EXIT THE FACILITY.
3. THE ENCLOSURE SHOULD NOT BE PLACED AT THE END OF A DEAD END STREET UNLESS THERE IS A TURN AROUND WITH A RADIUS OF FIFTY FIVE (55) FEET.
4. THE ENCLOSURE SHALL BE FREE OF ANY OVERHEAD OBSTRUCTION WHICH MAY INTERFERE IN THE SERVICING OF THE CONTAINER.
5. ENCLOSURES SHALL NOT LIMIT THE VISIBILITY OF ONCOMING TRAFFIC FOR PEDESTRIANS OR VEHICLES.
6. GATES ARE REQUIRED ON REFUSE AND RECYCLE ENCLOSURES.
7. ENCLOSURES SHALL NOT BE LOCATED WITHIN ANY APPLICABLE BUILDING SETBACK.

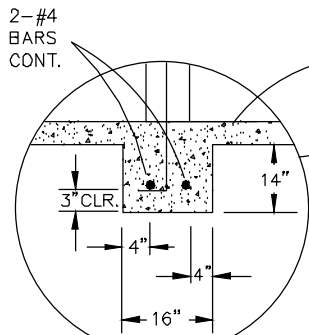


NOTES:

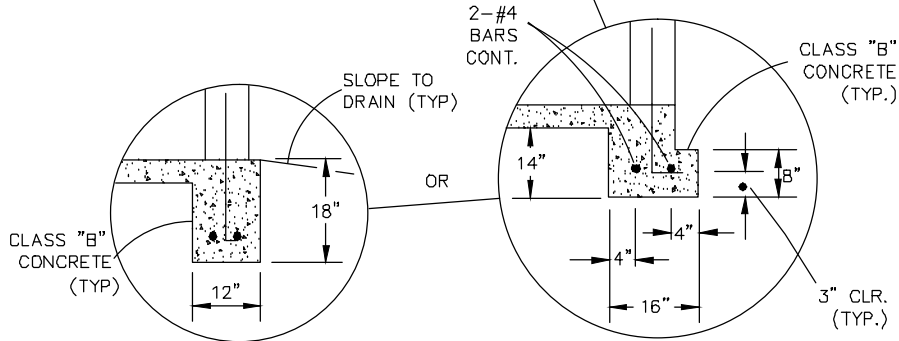
1. MULTIPLE REFUSE CONTAINERS SHALL BE PLACED ON THE RIGHT SIDE OF THE DRIVE IN RELATION TO THE TRAFFIC FLOW SO COLLECTION TRUCKS MAY BE ROUTED THROUGH THE SITE IN ONE DIRECTION.
2. REFUSE CONTAINERS USED FOR CONSTRUCTION PURPOSES DO NOT REQUIRE A CONCRETE PAD.
3. GATES ARE REQUIRED ON REFUSE AND RECYCLE ENCLOSURES FOR ALL COMMERCIAL, INDUSTRIAL, AND MULTI-FAMILY DEVELOPMENTS.



SECTION A-A



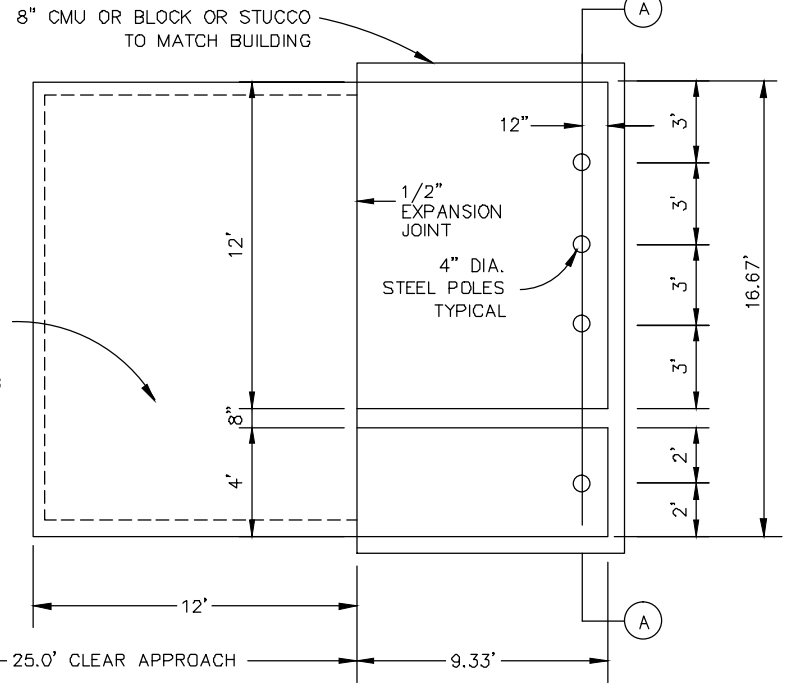
INNER FOOTING



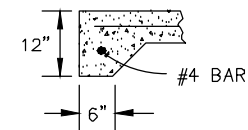
ALTERNATE FOOTING

OUTER FOOTING

12.0' x 21.5' x 6" THICK CONCRETE APPROACH SLAB WITH THICKENED EDGES, CLASS "B" CONC. W/ 6" x 6", 1.4 x 1.4 WWF, ON COMPACTED SUBGRADE. APPROACH SLAB SHALL HAVE A CONSTANT SLOPE WHICH MATCHES THE ENCLOSURES SLAB.



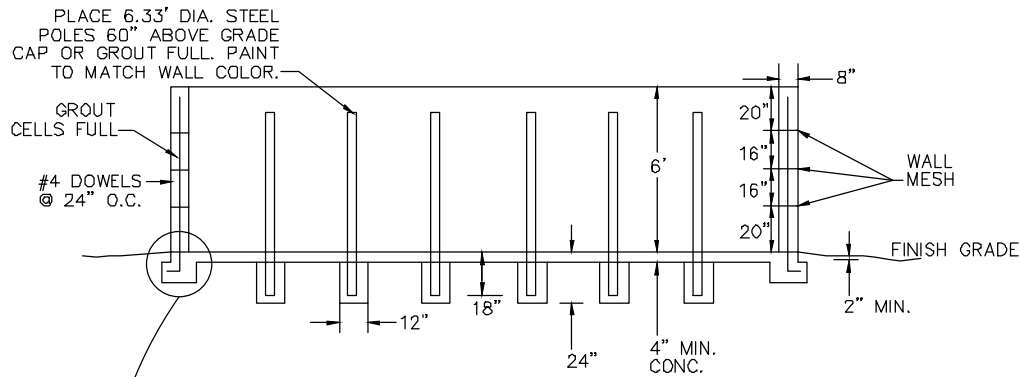
PLAN



APPROACH SLAB THICKENED EDGE DETAIL

NOTES

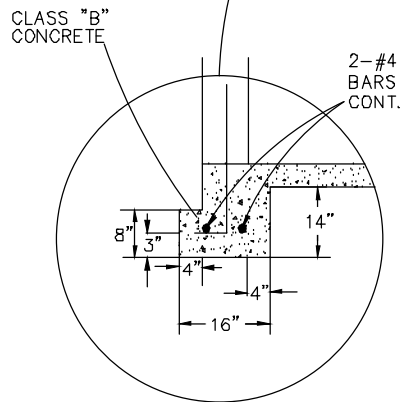
1. DOUBLE ENCLOSURE FOR ANGLE PICK-UP
2. 1/2" EXPANSION JOINT, ASTM D-1751 PER MAG SECTION 729.



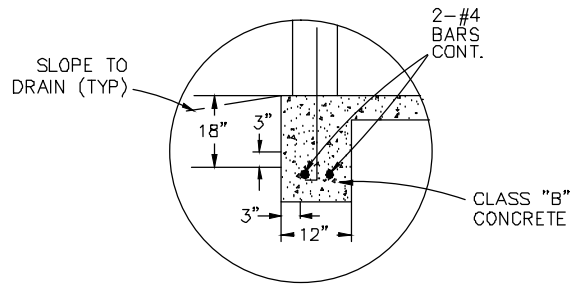
SECTION A-A

12' x 21.5' x 6" THICK CONCRETE APPROACH SLAB WITH THICKENED EDGES, CLASS "B" CONC. W/ 6" x 6", 1.4 x 1.4 WWF, ON COMPACTED SUBGRADE. APPROACH SLAB SHALL HAVE A CONSTANT SLOPE WHICH MATCHES THE ENCLOSURES SLAB.

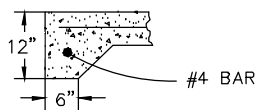
8" CMU DR BLOCK OR STUCCO TO MATCH BUILDING



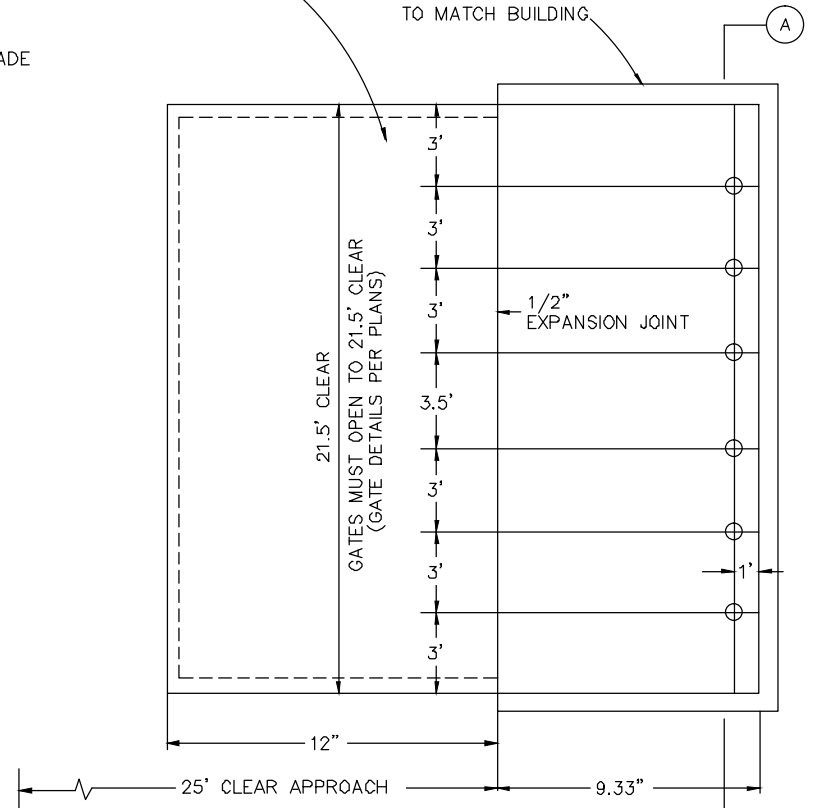
FOOTING



ALTERNATE FOOTING



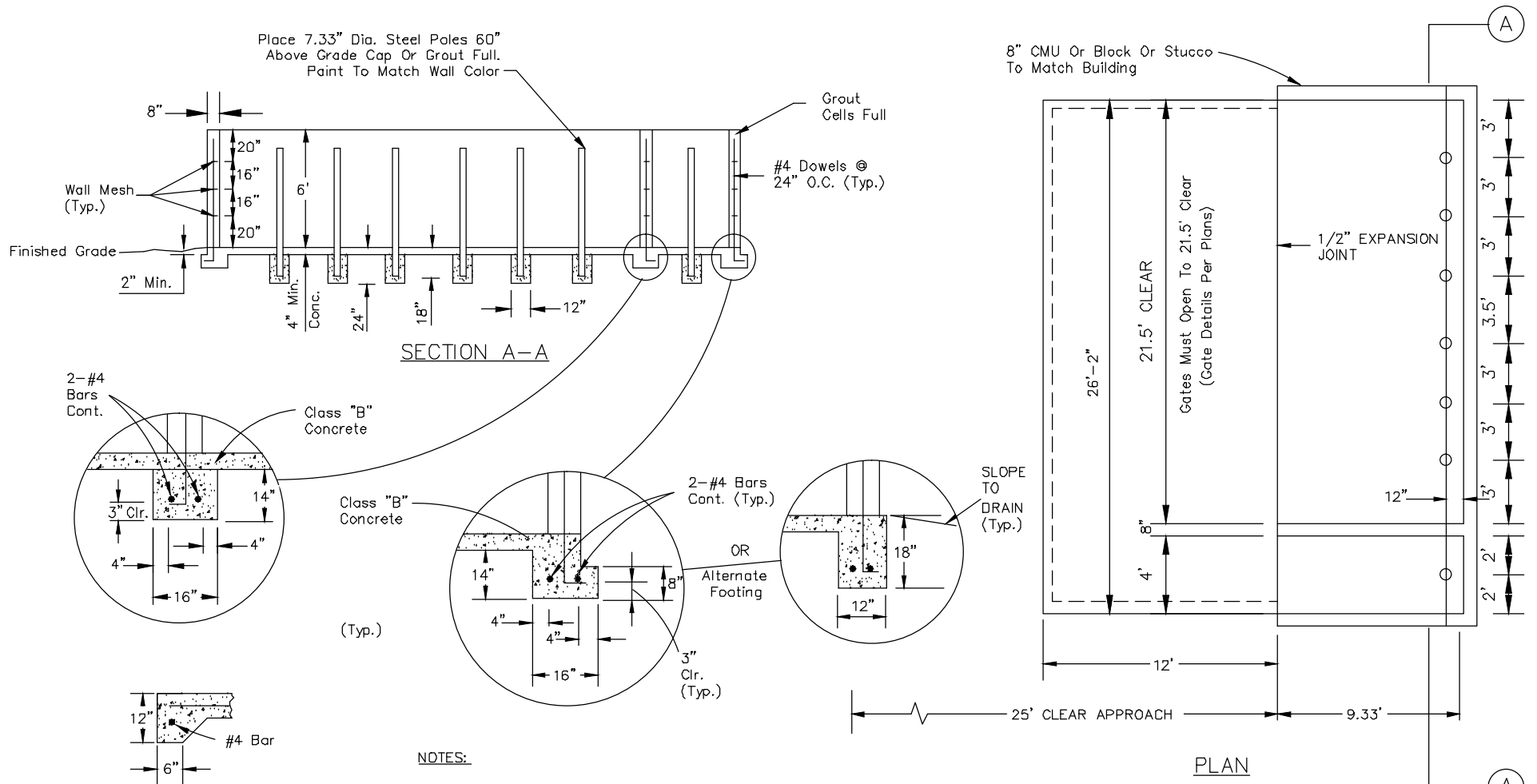
APPROACH SLAB THICKENED EDGE DETAIL



PLAN VIEW

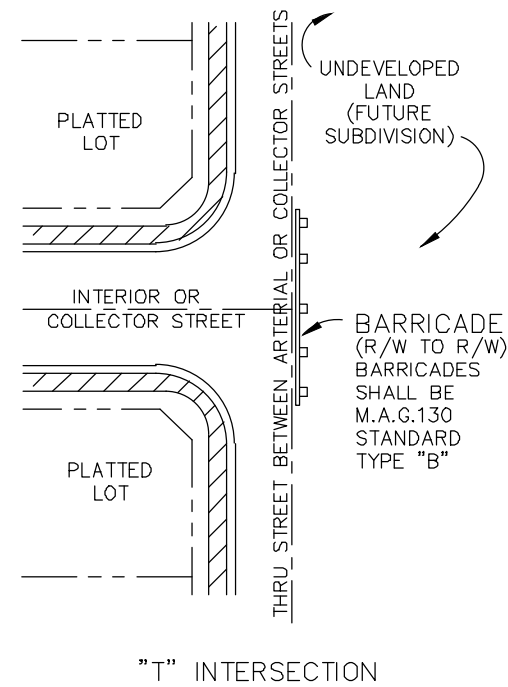
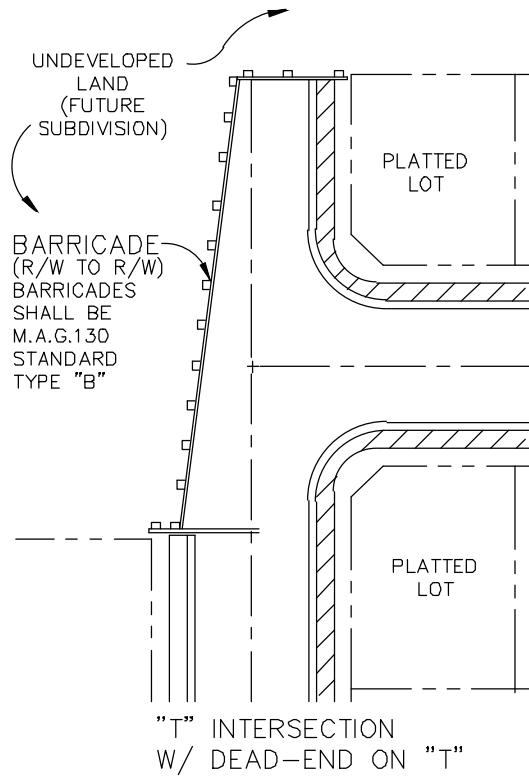
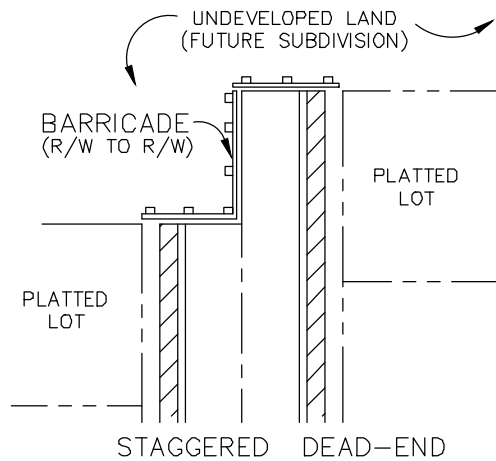
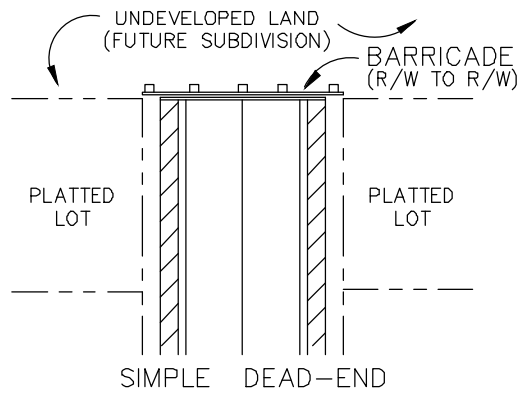
NOTES:

1. 1/2" EXPANSION JOINT, ASTM D-1751 PER MAG SECTION 729.



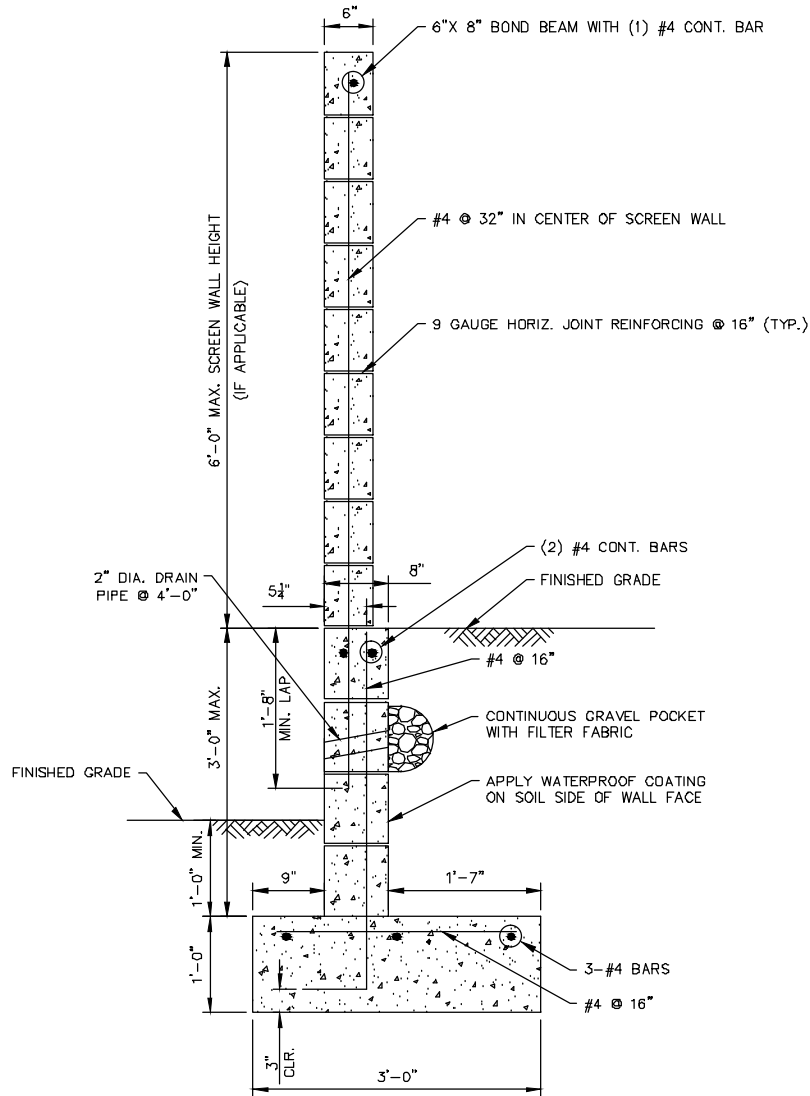
APPROACH SLAB THICKENED EDGE DETAIL

- NOTES:
- 1/2" Expansion Joint, ASTM D-1751 Per MAG Section 729.
 - Concrete Approach Slab Shall Be 12' x 26.17' x 6" Thick With Thickened Edges Class "B" Conc. w/ 6" x 6", 1.4 x 1.4 WWF, On Compacted Subgrade. Approach Slab Shall Have A Constant Slope Which Matches The Enclosure Slab.



NOTES:

1. BARRICADES SHALL BE INSTALLED PER MAG STD DTL 130 USING THE OM4-2 WARNING SIGN. WARNING SIGN SHALL BE INSTALLED BY CONTRACTOR.



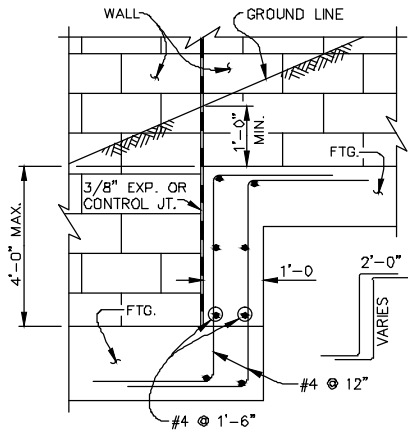
RETAINING WALL SECTION

DESIGN ASSUMPTIONS

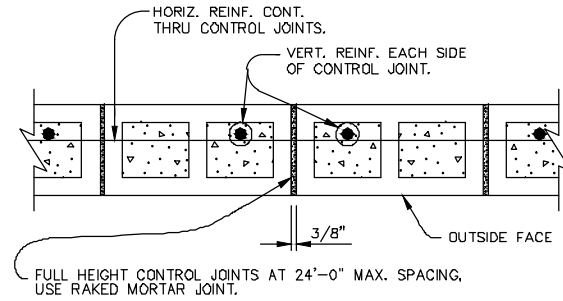
MAX SOIL BEARING PRESSURE IS 1,500 psf.
 EQUIVALENT FLUID PRESSURE IS 40 psf/ft.
 IF SITE CONDITIONS DO NOT MEET THIS CRITERIA, CONTACT THE CITY OF GOODYEAR.
 WIND PRESSURE OF 18.0 psf APPLIED TO SCREEN WALL.
 RETAINING WALLS DESIGNED WITH LEVEL BACKFILL.
 RETAINING WALL NOT DESIGNED FOR ANY SURCHARGE LOAD FROM ADJACENT FOOTING OR SURCHARGE LOAD OVER HEEL.

WALL NOTES

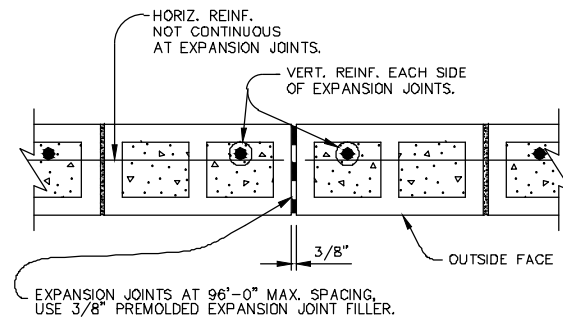
ALL BLOCK CELLS THAT RETAIN SOIL SHALL BE FILLED WITH CONCRETE OR GROUT.
 ALL REINFORCING STEEL SHALL HAVE 2 INCH CLEAR COVER UNLESS NOTED OTHERWISE.
 COMPACT BACKFILL A MINIMUM OF 95 PERCENT OF ASTM D698 MAXIMUM DRY DENSITY.
 ALL REBAR LAP SPLICES SHALL BE A MINIMUM OF 40 BAR DIAMETERS.
 MASONRY: $f'_m = 1,500$ psi, ASTM C90, MEDIUM OR NORMAL WEIGHT, RUNNING BOND, SLUMP BLOCK.
 MORTAR: ASTM C270, TYPE S, CUBE STRENGTH 1,800 psi, ASTM C91 CEMENT.
 GROUT: ASTM C476, TYPE COARSE, CUBE STRENGTH 2,000 psi.
 REINFORCING STEEL: ASTM A615, GRADE 60.
 JOINT REINFORCING: 9 GAUGE LADDER OR TRUSS TYPE, STANDARD WEIGHT, $f_y = 33,000$ psi, ASTM A82 WIRE.
 CONCRETE: $f'_c = 2,500$ psi.



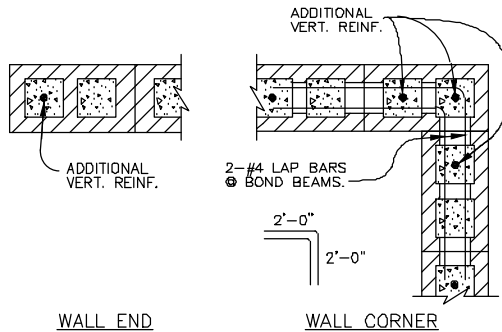
FOOTING STEP DETAIL



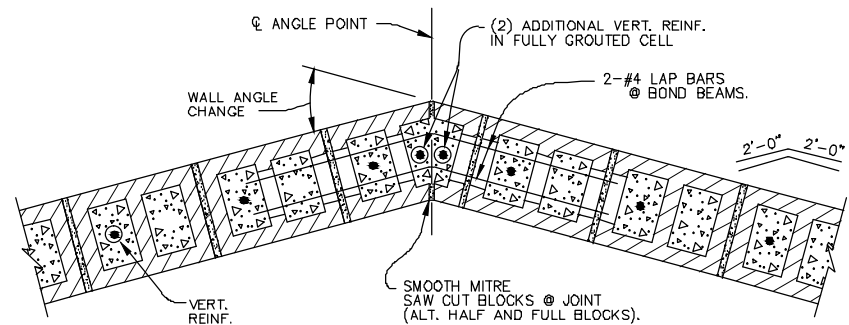
CONTROL JOINT DETAIL



EXPANSION JOINT DETAIL



WALL DETAILS AT CORNER AND ENDS



SECTION AT WALL ANGLE POINT