

SHEET#	TITLE			
201	LAVOLIT DLAN. Jackson St. 9. Wayne St. Darking Let			
201	LAYOUT PLAN - Jackson St. & Wayne St. Parking Lot			
	LAYOUT PLAN - Jackson St. & Monroe St. Parking Lot			
203	LAYOUT PLAN - N. Main St. Parking Lot			
	LAYOUT PLAN - NE Corner of Water St. & Monroe St. Parking Lot			
205	LAYOUT PLAN - City Hall Parking Lot			
206	LAYOUT PLAN - County Parking Lot South of City Hall			
301	GRADING & EROSION CONTROL PLAN - Jackson St. & Wayne St. Parking Lot			
302	GRADING & EROSION CONTROL PLAN - Jackson St. & Monroe St. Parking Lot			
303	GRADING & EROSION CONTROL PLAN - N. Main St. Parking Lot			
304	GRADING & EROSION CONTROL PLAN - NE Corner of Water St. & Monroe St. Parking Lot			
305	GRADING & EROSION CONTROL PLAN - City Hall Parking Lot			
306	GRADING & EROSION CONTROL PLAN - County Parking Lot South of City Hall			
401	LIGHTING PLAN - Jackson St. & Wayne St. Parking Lot			
402	LIGHTING PLAN - Jackson St. & Monroe St. Parking Lot			
403	LIGHTING PLAN - N. Main St. Parking Lot			
404	LIGHTING PLAN - NE Corner of Water St. & Monroe St. Parking Lot			
405	LIGHTING PLAN - City Hall Parking Lot			
406	LIGHTING PLAN - County Parking Lot South of City Hall			
601	LANDSCAPE PLAN - Jackson St. & Wayne St. Parking Lot			
602	LANDSCAPE PLAN - Jackson St. & Monroe St. Parking Lot			
603	LANDSCAPE PLAN - N. Main St. Parking Lot			
604	LANDSCAPE PLAN - NE Corner of Water St. & Monroe St. Parking Lot			
605	LANDSCAPE PLAN - City Hall Parking Lot			
606	LANDSCAPE PLAN - County Parking Lot South of City Hall			
607	LANDSCAPE SCHEDULES AND PLANTING DETAILS			
701	DETAILS			
702	DETAILS			
703	DETAILS			



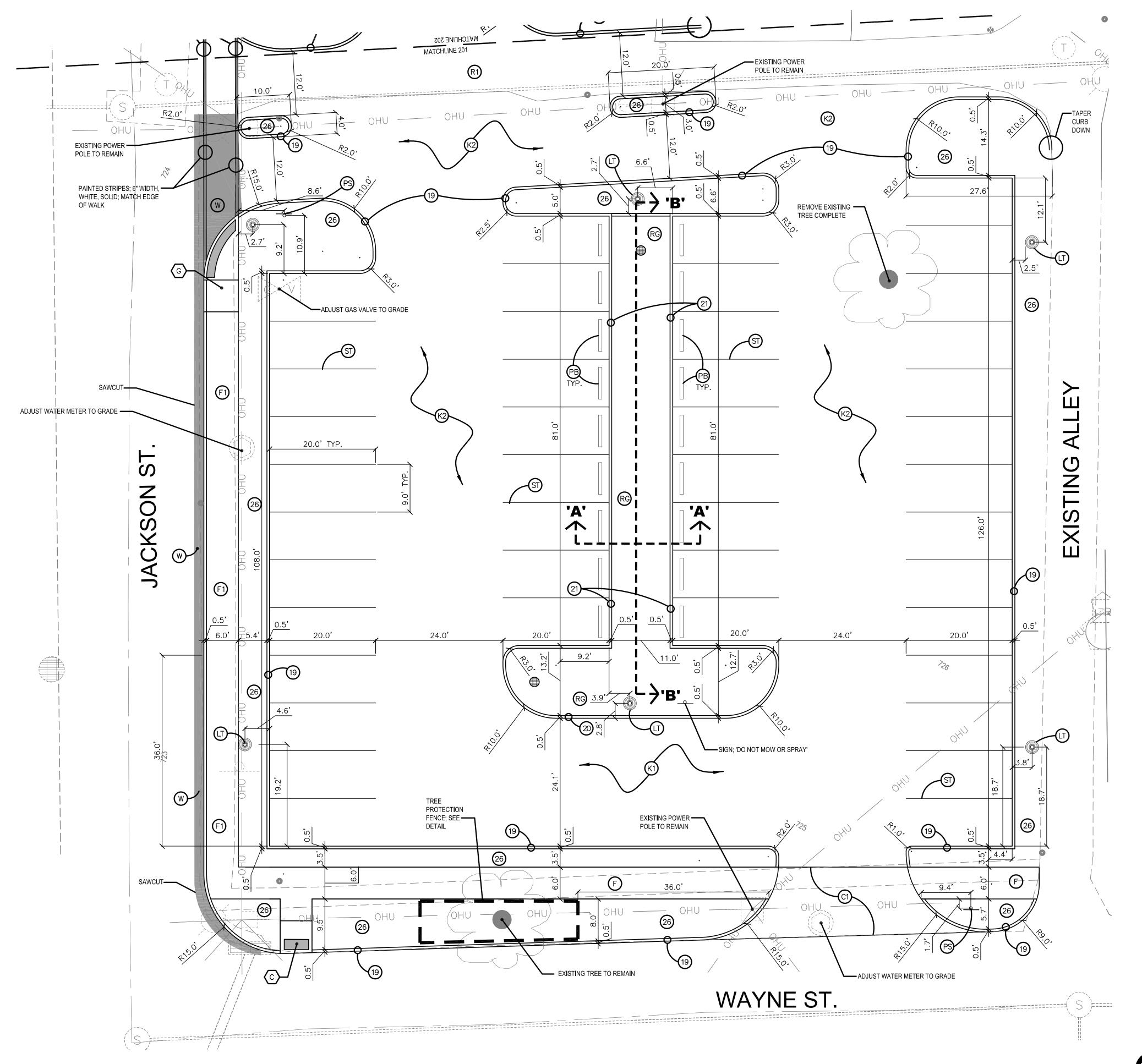
REMENSCHNEIDER ASSOCIATES, INC.

landscape architecture & planning

Stutz Building / 212 W. 10th Street, Suite B435 / Indianapolis, IN 46202 phone: (317) 955-9960 fax: (317) 955-9961

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Project #	Date
050612	08.30.12
CV	000



LEGEND

PROPOSED

BO BOLLARD; SEE ELECTRICAL PLANS

BR) BIKE RACK

C1) PCCP FOR APPROACHES, 9" ON SUBGRADE TREATMENT TYPE IIIA

CK) CLOCK

F CONCRETE SIDEWALK; 4"

(F1) MONOLITHIC CURB & WALK

K1) FULL DEPTH PARKING LOT PAVEMENT (PAVER OPTION)
3 1/8" PERMEABLE INTERLOCKING CONCRETE PAVERS ON

2" NO. 8 STONE ON 4" NO. 57 STONE ON 10" NO. 2 STONE ON GEOGRID TYPE 1 ON COMPACTED SUBGRADE

- OR
FULL DEPTH PARKING LOT PAVEMENT (ASPHALT OPTION)

165 LB/SYD HMA SURFACE TYPE B ON

275 LB/SYD HMA INTERMEDIATE TYPE B ON

440 LB/SYD HMA BASE TYPE B ON

9" COMPACTED AGGREGATE, NO. 53, BASE ON

GEOGRID TYPE 1 ON

COMPACTED SUBGRADE

FULL DEPTH PARKING LOT PAVEMENT (JACKSON STREET LOT)

165 LB/SYD HMA SURFACE TYPE B ON

385 LB/SYD HMA INTERMEDIATE TYPE B ON

8" COMPACTED AGGREGATE, NO. 53, BASE ON

GEOGRID TYPE 1 ON

COMPACTED SUBGRADE

(LT) LIG

P FULL DEPTH ASPHALT PATCHING (STRUCTURE INSTALLATION)
165 LB/SYD HMA SURFACE TYPE C ON
275 LB/SYD HMA INTERMEDIATE TYPE C ON
880 LB/SYD HMA BASE TYPE C ON
STRUCTURE BACKFILL

PB PARKING BARRIERS

PS PUBLIC PARKING SIGNAGE

PW PAVER SIDEWALK

12" X 24" ARCHITECTURAL PAVERS ON

BITUMINOUS SETTING BED W/ 3" NEOPRENE ASPHALTIC ADHESIVE ON

4" CONCRETE BASE, CLASS A ON

COMPACTED AGGREGATE, NO. 53, BASE ON

R1 ASPHALT MILL AND OVERLAY

165 LB/SYD HMA SURFACE TYPE B ON
HMA WEDGE AND LEVEL TYPE B ON
1 ½" ASPHALT MILLING

COMPACTED GRADE

RG RAIN GARDEN; SEE LANDSCAPE PLANS

ST PAINTED STRIPE; 4" WIDE, WHITE

TP TREE PROTECTION FENCE

A CONCRETE CURB RAMP, TYPE 'A'

R1 MODISIED CONCRETE CURB RAMB, TYPE 'E

(B1) MODIFIED CONCRETE CURB RAMP, TYPE 'B1'

 $\overline{\bigcirc}$ concrete curb ramp, type 'g'

CONCRETE CURB RAMP, TYPE 'K'

(C) CONCRETE CURB RAMP, TYPE 'C'

19 STRAIGHT CONCRETE CURB, 4" FACE

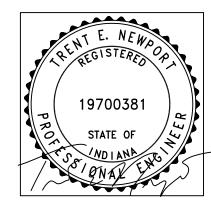
20) CONCRETE BARRIER CURB. TYPE 2

(21) CONCRETE FLUSH CURB

26 SODDING/ORNAMENTAL LANDSCAPING (SEE LANDSCAPE PLANS)

FULL DEPTH ASPHALT PAVEMENT (WIDENING)
165 LB/SYD HMA SURFACE TYPE B ON
275 LB/SYD HMA INTERMEDIATE TYPE B ON
660 LB/SYD HMA BASE TYPE B ON
8" COMPACTED AGGREGATE, NO. 53, BASE ON
GEOGRID TYPE 1 ON
COMPACTED SUBGRADE

TRASHCAN



Professional Seal



REMENSCHNEIDER ASSOCIATES, I landscape architecture & pl

City of Franklin
Downtown Parking Enhancement Projec
Franklin, Indiana

Designed By
Drawn By
Revisions

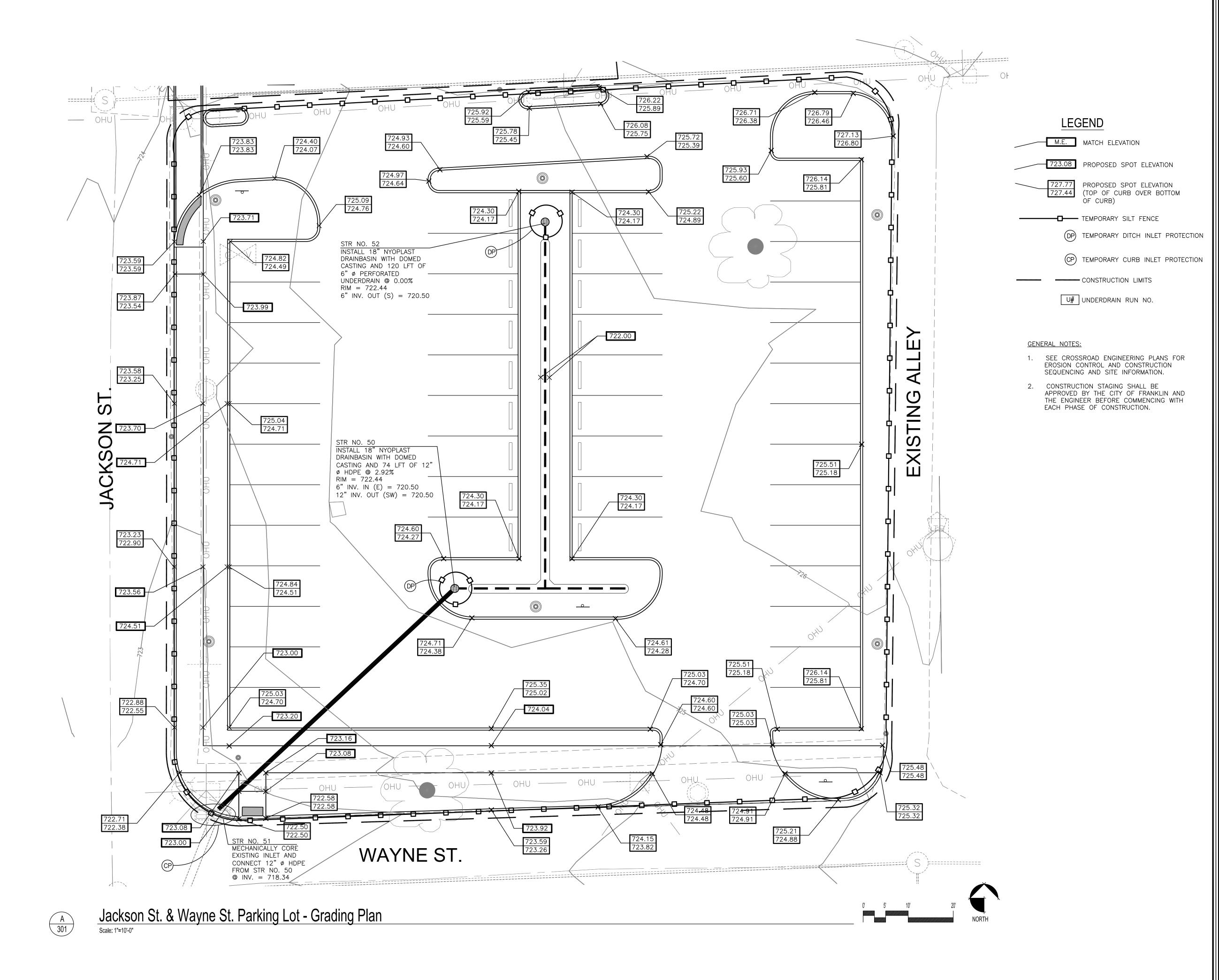
Project # Date 050612 08.23

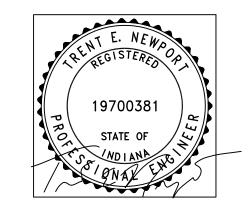
201

BMS/KMB

Jackson St. & Wayne St. Parking Lot - Layout Plan

5' 10' 20' NOF





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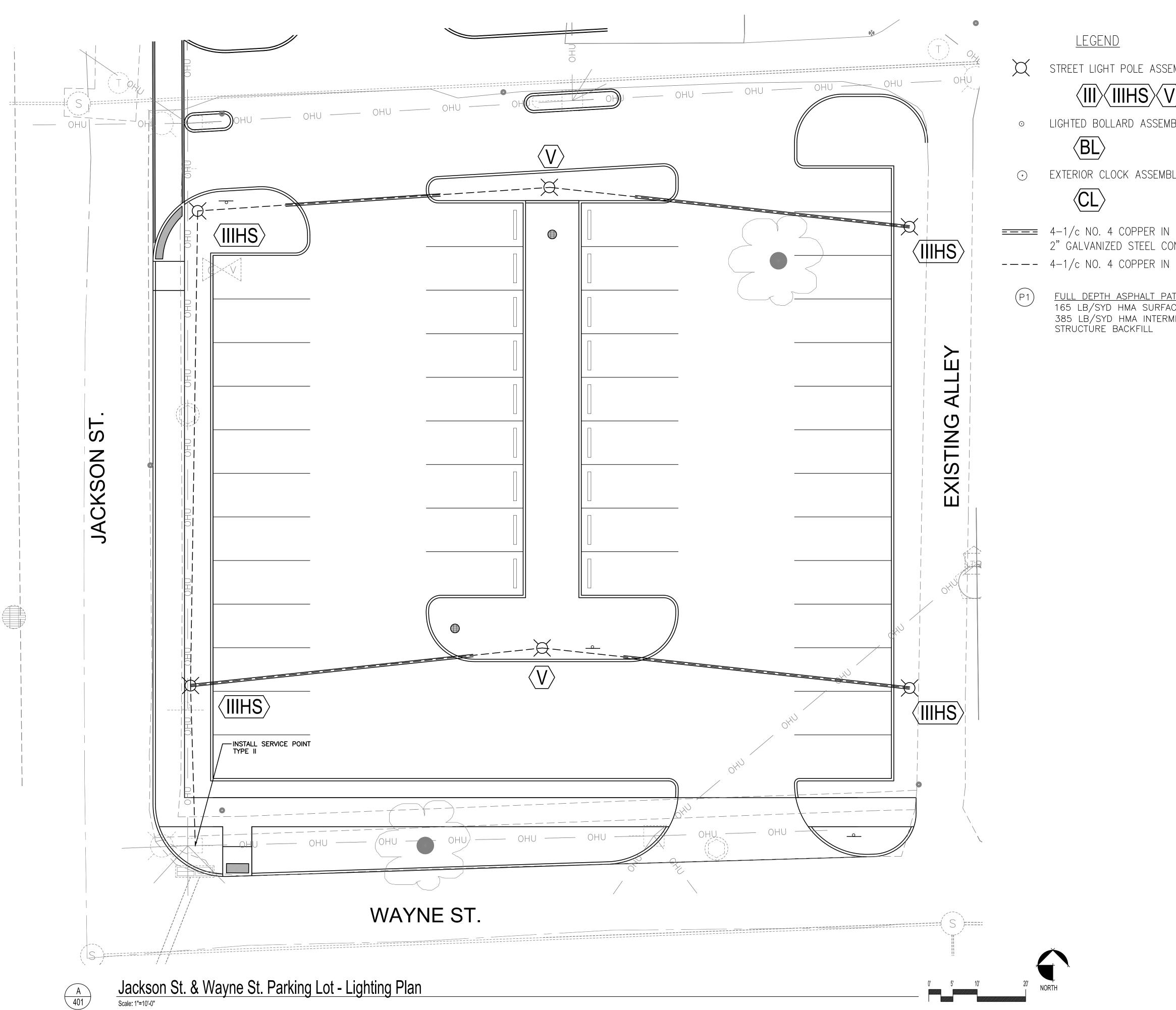


City of Franklin

Designed By Drawn By

Project # Date 050612 08.29.12

301



<u>LEGEND</u>

STREET LIGHT POLE ASSEMBLY

EXTERIOR CLOCK ASSEMBLY

2" GALVANIZED STEEL CONDUIT

--- 4-1/c NO. 4 COPPER IN PLASTIC DUCT IN TRENCH

FULL DEPTH ASPHALT PATCHING (CONDUIT INSTALLATION)
165 LB/SYD HMA SURFACE TYPE B ON
385 LB/SYD HMA INTERMEDIATE TYPE B ON
STRUCTURE BACKFILL

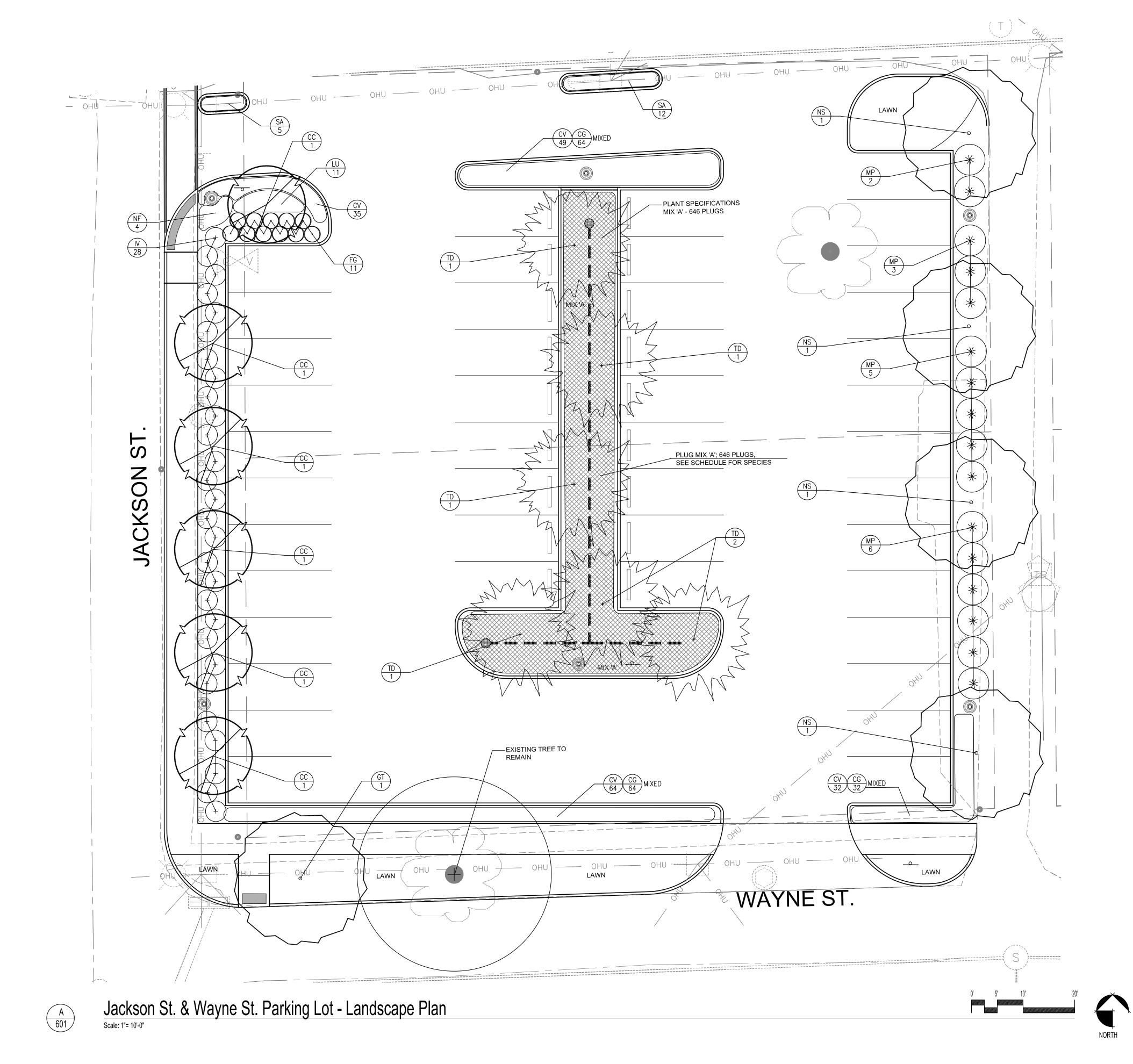


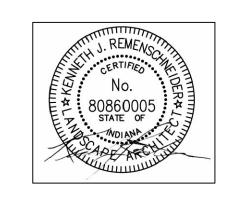
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Project # Date 050612 08.23.12





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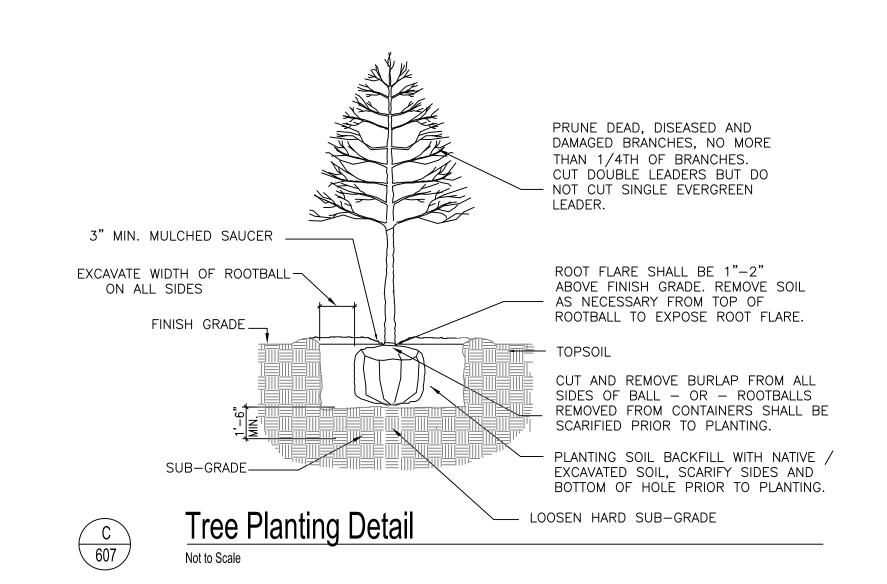
PLANT PLUGS:

\longleftrightarrow	W 1111/ A.			
6 of Mix	Botanical Name	Common Name	Qty.	Size @ Instal
6	Asclepias incarnata	Marsh Milkweed	32	Plug; 2 3/8" x 3 3/2
5	Aster novae-angliae	New England Aster	32	Plug; 2 3/8" x 3 3/2
10	Baptisia australis	Blue False Indigo	64	Plug; 2 3/8" x 3 3/2
12	Carex annectens var. xanthocarpa	Yellow Fox Sedge	130	Plug; 2 3/8" x 3 3/2
12	Carex granularis	Meadow Sedge	130	Plug; 2 3/8" x 3 3/2
12	Carex vulpinoidea	Fox Sedge	130	Plug; 2 3/8" x 3 3/2
6	Chelone obliqua	Pink Turtlehead	32	Plug; 2 3/8" x 3 3/2
6	Helenium autumnale	Autumn Sneezeweed	32	Plug; 2 3/8" x 3 3/2
6	Lobelia cardinalis	Cardinal Flower	32	Plug; 2 3/8" x 3 3/2
6	Penstemon digitalis	Foxglove Penstemon	32	Plug; 2 3/8" x 3 3/2
6	Rudbeckia submentosa	Sweet Black Eyed Susan	32	Plug; 2 3/8" x 3 3/2

TOTALS: 646 PLUGS; SPACED 1'-6" ON CENTER

A	Plug and Perennial Spacing Detail
607	Not to Scale

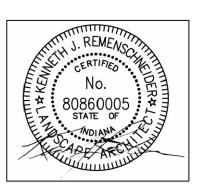
PRUNE DEAD, DISEASED — AND DAMAGED BRANCHES NO MORE THAN 1/4TH C BRANCHES. CUT DOUBLE LEADERS BUT DO NOT C SINGLE EVERGREEN LEAD	ROOT FLARE SHALL ABOVE FINISH GRADE SOIL AS NECESSARY	E. REMOVE
CUT AND REMOVE BURLA FROM ALL SIDES OF BAL OR — ROOTBALLS REMOVED FROM CONTAINERS SHALL SCARIFIED PRIOR TO PLANTING.	OF ROOTBALL TO EX FLARE.	POSE ROOT
SUB-	PLANTING SOIL NATIVE / EXCA SCARIFY SIDES A HOLE PRIOR TO	VATED SOIL
B Shrub Not to Scale	Planting Detail EXCAVATE THE WIDTH OF ROOTBALL ON ALL SIDES	



	TREE & SHRUB SCHEDULE						
KEYNOTE	BOTANICAL NAME	COMMON NAME	APPROX. QTY.	SIZE	SPACING	NOTES	
AC	Acer campestre 'Queen Elizabeth'	Queen Elizabeth ('Evelyn') Hedge Maple	15	2.5"-3" Caliper	50' O.C.	Single Stem	
AG	Amalanchier x grandifolia 'Autumn Brilliance'	Autumn Brilliance Serviceberry	3	7'-8' Height	50' O.C.	Multi-Stem	
AR	Acer rubrum 'Sun Valley'	Red Maple	1	2.5"-3" Caliper	50' O.C.		
AS	Acer saccharum 'Green Mountain'	Sugar Maple	2	2.5"-3" Caliper	50' O.C.		
ВК	Buxus x koreana 'Green Velvet'	'Green Velvet' Boxwood	28	18-24" Height	3' O.C.		
СС	Cercis canadensis	Eastern Redbud	12	7'-8' Height	50' O.C.	Multi-Stem	
CY	Caryopteris x clandonensis	Blue Mist Spirea	12	24"-30" Height	3' O.C.		
FG	Fothergilla gardenii	Dwarf Fothergilla	22	24"-30" Height	3' O.C.		
GT	Gleditsia triacanthos inermis 'Sky Cole'	Thornless Honeylocust	10	2.5"-3" Caliper	50' O.C.	Inermis	
HP	Hydrangea paniculata 'Limelight'	Limelight Hydrangea	10	24"-30" Height	6' - 8' O.C.		
HQ	Hydrangea quercifolia 'Alice'	'Alice' Oakleaf Hydrangea	20	24"-30" Height	6' - 8' O.C.		
IV	Itea virginica 'Henry's Garnet'	Virginia Sweetspire	148	24"-30" Height	4' O.C.		
MP	Myrica pennsylvanica	Northern Bayberry	69	24"-30" Height	6' O.C.	14 Male, 55 Female; evenly distributed	
NS	Nyssa sylvatica	Black Gum	4	2.5"-3" Caliper	50' O.C.		
QM	Quercus muehlenbergii	Chinkapin Oak	12	2.5"-3" Caliper	50' O.C.		
TD	Taxodium distichum	Bald Cypress	6	2.5"-3"	50' O.C.		

GRASS & PERENNIAL SCHEDULE						
KEYNOTE	BOTANICAL NAME	COMMON NAME	APPROX. QTY.	SIZE	SPACING	NOTES
AE	Agestache x 'Blue Fortune'	'Blue Fortune' Anise Hyssop	44	1 gallon	2' O.C.	
АН	Amsonia hubrichtii	Narrow Leaf Blue Star	112	1 gallon	2' O.C.	
CA	Calamagrostis acutiflora	Karl Forester Feather Reed Grass	66	1 gallon	3' O.C.	
CG	Carex granularis	Meadow Sedge	245	1 plug	1.5' O.C.	
CV	Carex vulpinoidia	Fox Sedge	947	1 plug	1.5" O.C.	
ED	Eupatorium dubium 'Little Joe'	'Little Joe' Joe Pye Weed	5	1 gallon	2' O.C.	
EP	Echinacea purpurea 'Kim's Knee High'	'Kim's Knee High' Purple Coneflower	37	1 gallon	2' O.C.	
LB	Leucanthemum x superba 'Becky'	'Becky' Shasta Daisy	46	1 gallon	2' O.C.	
LK	Liatris spicata 'Kobold'	'Kobold' Grayfeather	57	1 gallon	2' O.C.	
LU	Leucanthemum x superbum 'Gold Rush'	'Gold Rush' Shasta Daisy	94	1 gallon	2' O.C.	
NF	Nepeta x faassenii 'Walker's Low'	'Walker's Low' Nepeta	64	1 gallon	2' O.C.	
PV	Panicum virgatum 'Shenandoah'	'Shenandoah' Switchgrass	28	1 gallon	2' O.C.	
RG	Rudbeckia fulgida var. sulivantii 'Goldstrum'	'Goldstrum' Orange Coneflower	144	1 gallon	2' O.C.	
SA	Sedum 'Autumn Fire'	'Autumn Fire' Sedum	107	1 gallon	2' O.C.	
SS	Schizachayrium scoparium	Little Bluestem	46	1 plug	2' O.C.	

*NOTE: PLAN QUANTITIES SUPERCEDE SCHEDULE QUANTITIES



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ASSOCIATES

City of Franklin
Downtown Parking Enhancement Project
Franklin, Indiana

BMS/KMB 8.30.12

Landscape

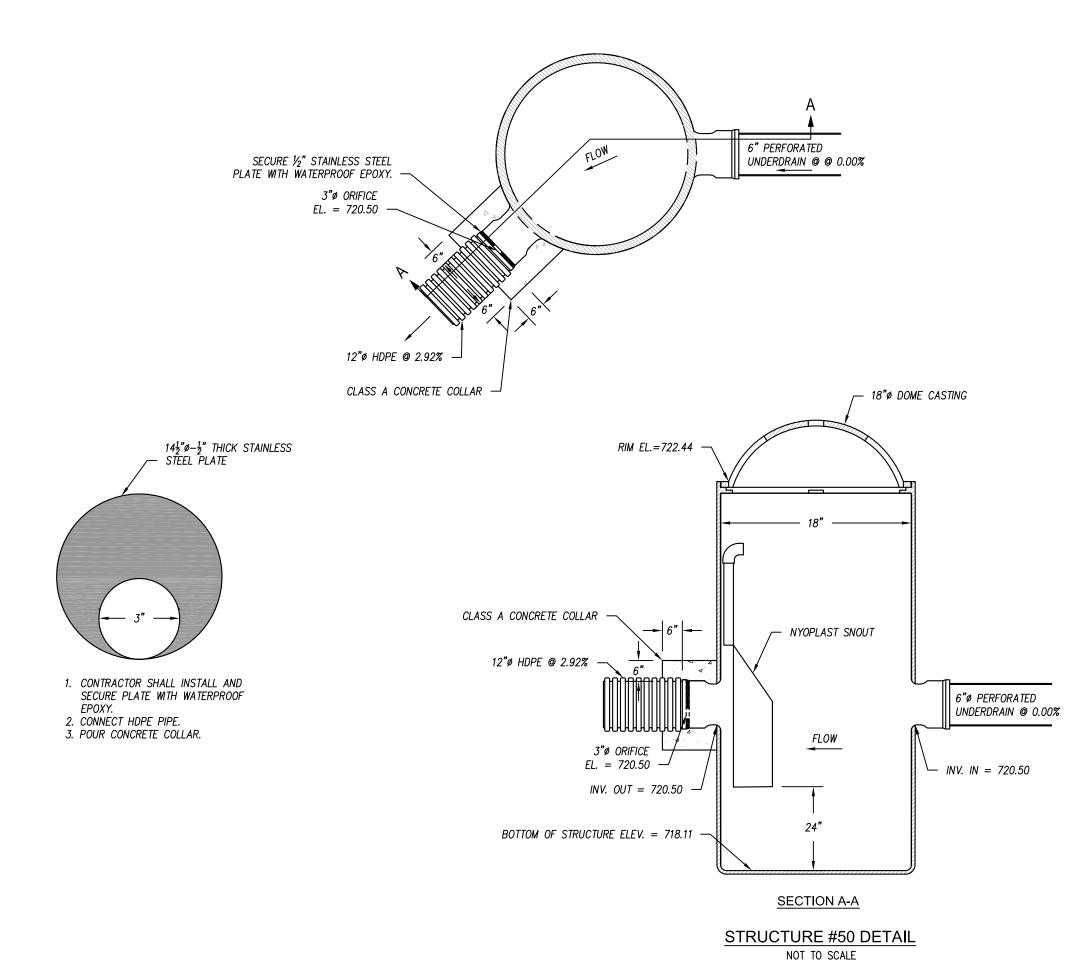
Project # Date 050612 08.23.12

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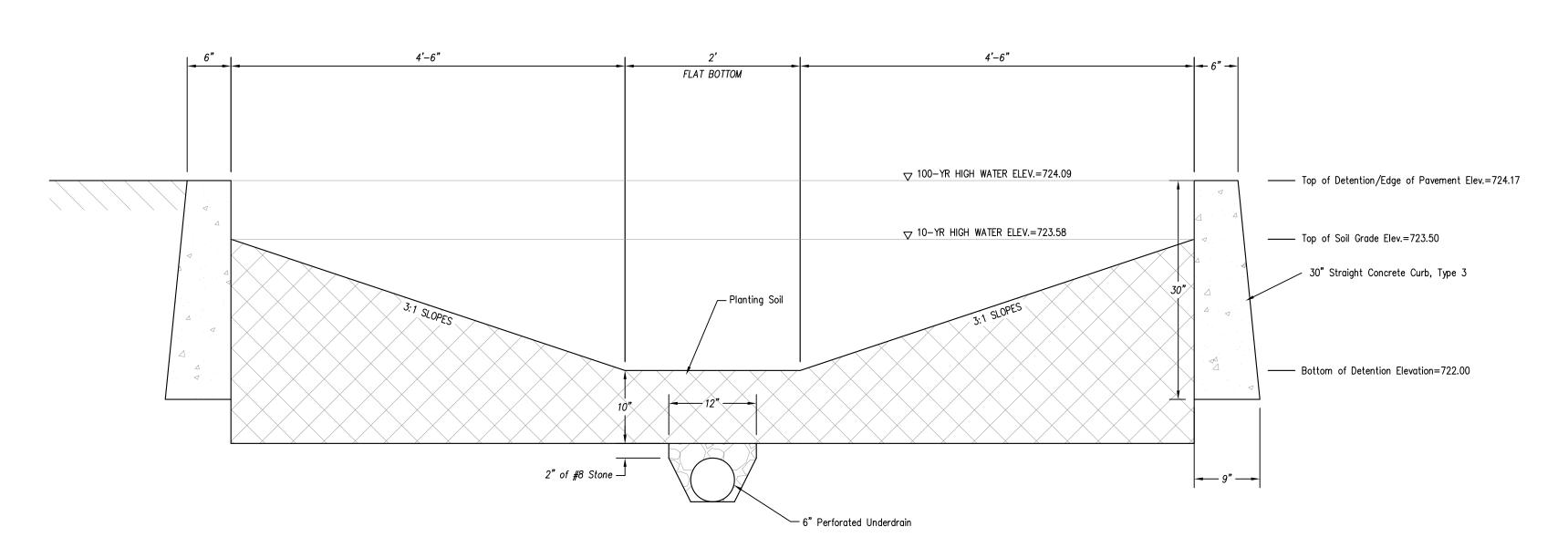
Drawn By

Revisions

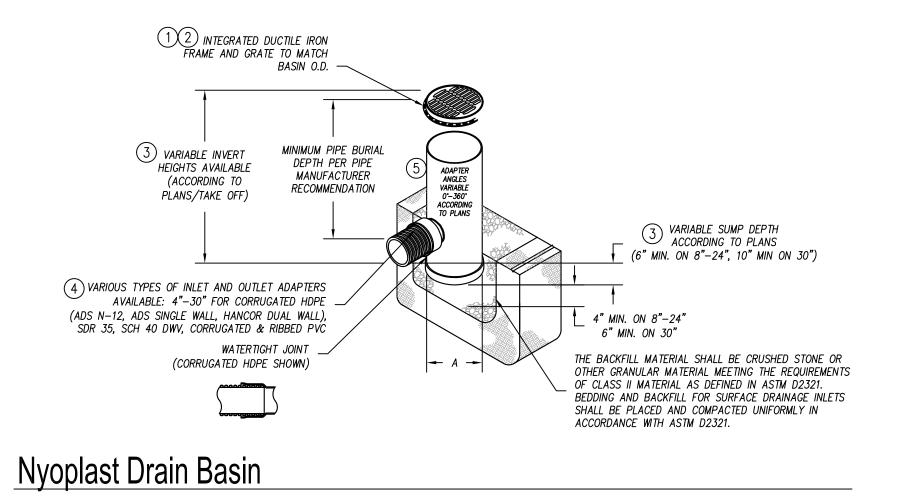
Typical Rain Garden Underdrain - Section B-B



Structure #50 Detail D 701



Typical Rain Garden Cross Section - Section A-A



1) 8"-30" GRATED/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE

70-50-05, WITH THE EXCEPTION OF THE 8"-15" BRONZE GRATES. 2) 12"-30" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05

3 DRAIN BASIN TO BE CUSTOM/MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS.

DRAINAGE CONNECTIONS STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D32112 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC

(5) ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.

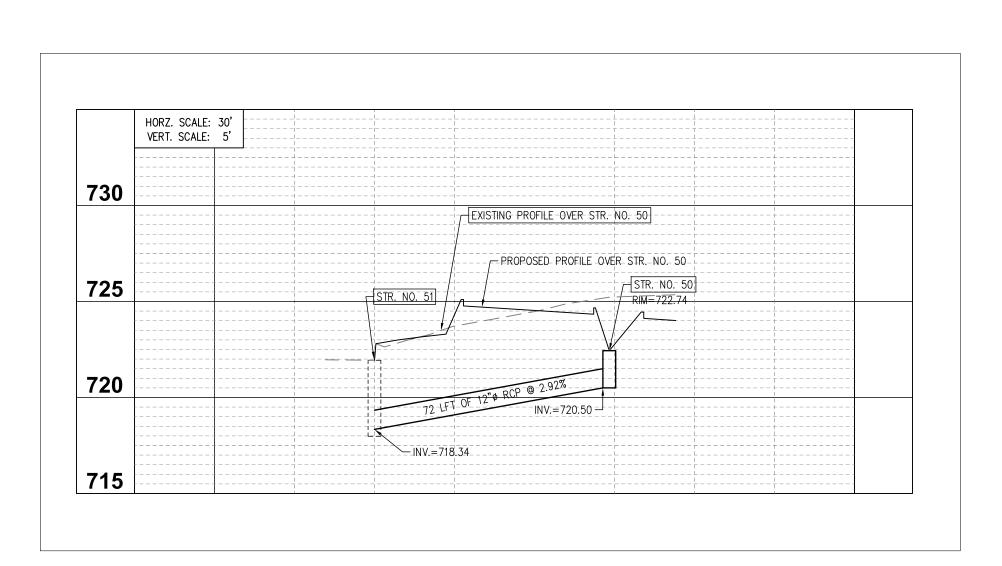
6 GRATES SHALL MEET H-10 LOAD RATING FOR 12"-24" PED

(7) GRATES SHALL MEET H-20 LOAD RATING FOR 30" PED & 12"-30" STD & SOLID

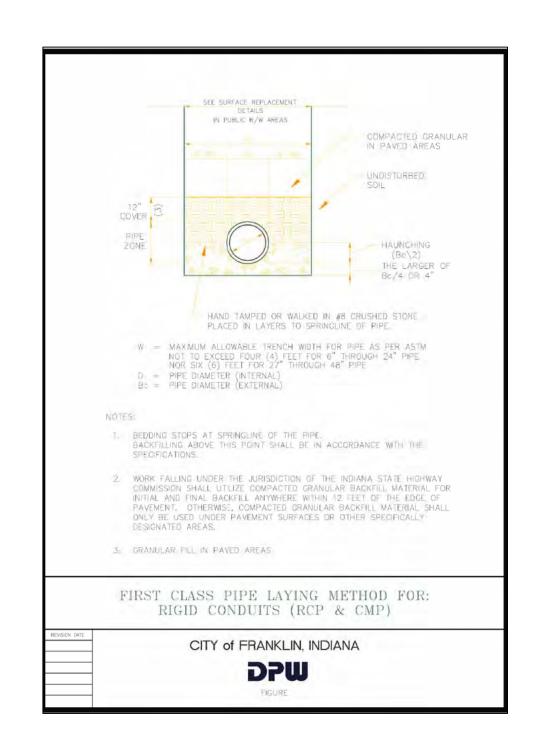
8 ALL BRONZE GRATES, DROP IN GRATES, & 8" & 10" PED/STD GRATES & SOLID COVERS ARE RATED FOR LIGHT DUTY APPLICATIONS ONLY

(9) DOME GRATES HAVE NO LOAD RATING

,							
Α	PART#			E OPTI	ONS		
8"	2808AG	PEDESTRIAN,	/STANDARD	SOLID	BRONZE	DOME	DROP IN
10"	2810AG	PEDESTRIAN,	/STANDARD	SOLID	BRONZE	DOME	DROP IN
12"	2812AG	PEDESTRIAN	STANDARD	SOLID	BRONZE	DOME	DROP IN
15"	2815AG	PEDESTRIAN	STANDARD	SOLID	BRONZE	DOME	DROP IN
18"	2818AG	PEDESTRIAN	STANDARD	SOLID	N/A	DOME	DROP IN
24"	2824AG	PEDESTRIAN	STANDARD	SOLID	N/A	DOME	DROP IN
30"	2830AG	PEDESTRIAN	STANDARD	SOLID	N/A	DOME	N/A

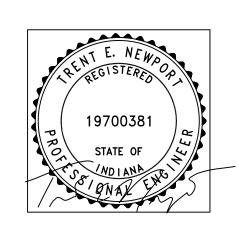








F 701



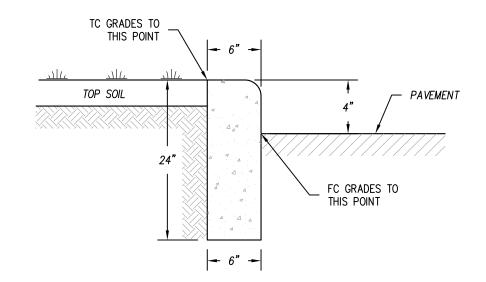
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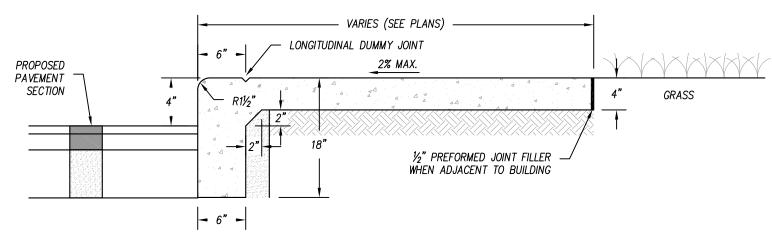
Downtown Parking Enhanc Franklin, Indiana of Franklin

Designed By RAI/CRE BMS/KMB Drawn By 8.30.12 Revisions

> Project # Date 050612 08.23.12 08.23.12

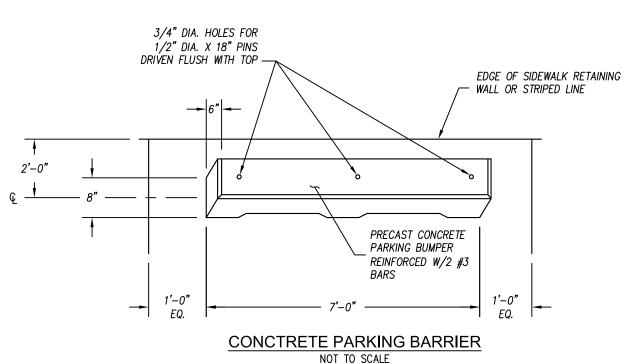




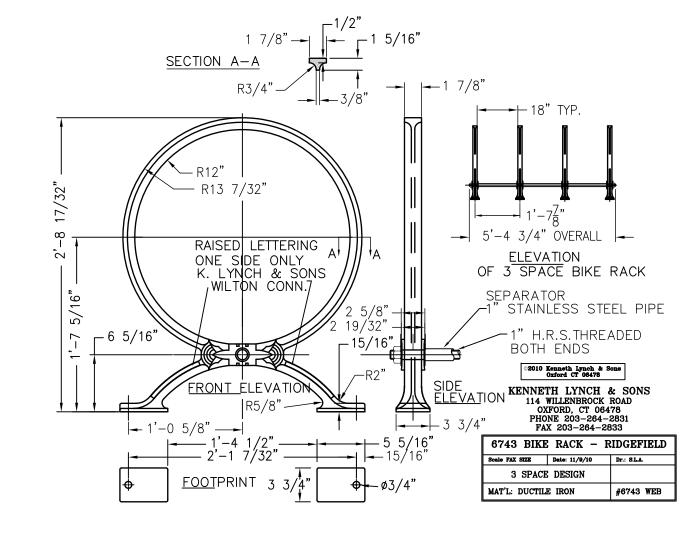


Monolithic Curb and Sidewalk

PARKING BARRIERS SHALL BE OF THE DIMENSIONS SHOWN ON THE PLANS. THE BARRIERS SHALL BE CAST AND TESTED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF 615.03 OF THE INDOT STANDARD SPECIFICATIONS EXCEPT THE STRENGTH SHALL BE DETERMINED BY CONCRETE CORES TAKEN FROM THE FINISHED PRODUCT. AT LEAST 2 CONCRETE CORES WILL BE TAKEN FROM EACH UNIT AND THE AVERAGE STRENGTH OF THE UNIT SHALL BE AT LEAST 28 MPa (4000 PSI) WITH NO INDIVIDUAL CORE STRENGTH LESS THAN 25 MPa (3600 PSI).



Concrete Parking Barrier



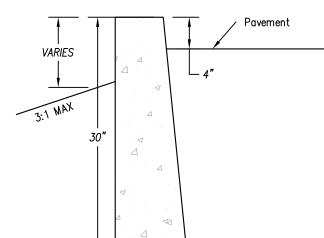
THREE SPACE DESIGN SHOWN ABOVE IS EXPANDABLE AND DESIRED NUMBER OF SPACES HAS BEEN GRAPHICALLY INDICATED ON PLANS

RIDGEFIELD BIKE RACK SHALL BE INSTALLED WITH A POWDER COATED FINISH; BLACK MECHANICALLY INSTALL BIKE RACK UTILIZING PRE-DRILLED FEET (2 PER RING). FASTEN WITH STAINLESS STEEL HARDWARE THROUGH CONCRETE PAVERS AND INTO CAST-IN-PLACE CONCRETE BELOW

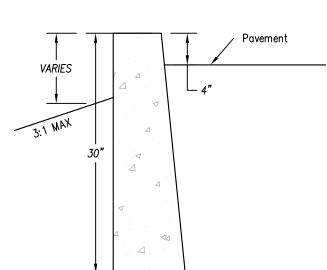


Bike Rack

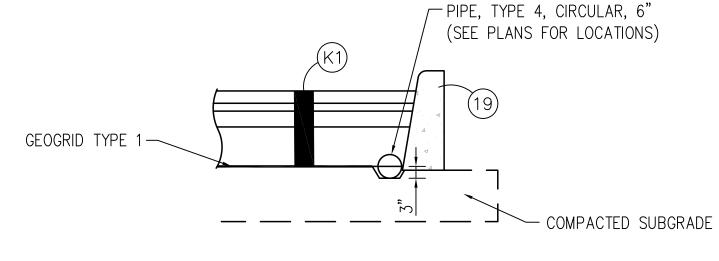
Not To Scale



30" Straight Curb Type 2



PIPE, TYPE 4, CIRCULAR, 6" (SEE UNDERDRAIN TABLE FOR LOCATIONS) PERMEABLE PAVER SECTION (K)



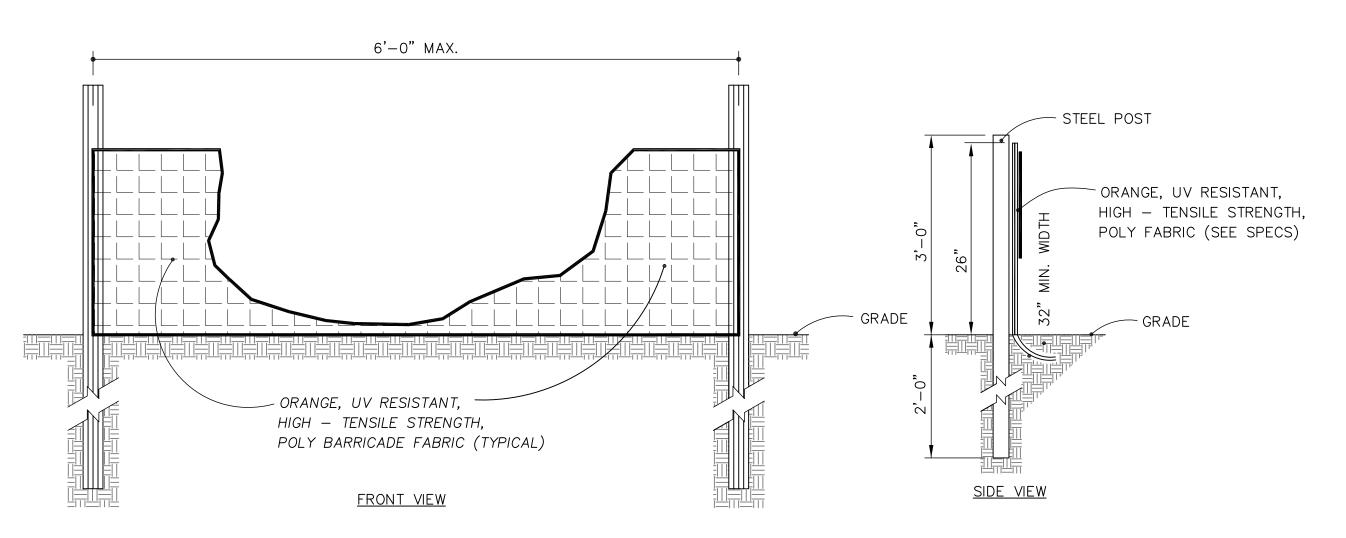
FULL DEPTH PARKING LOT PAVEMENT SECTION (PAVER OPTION) (K1) NOT TO SCALE

Permeable Paver Section

NOT TO SCALE

 $\frac{\mathsf{C}}{702}$

Full Depth Parking Lot Pavement Section (Paver Option)

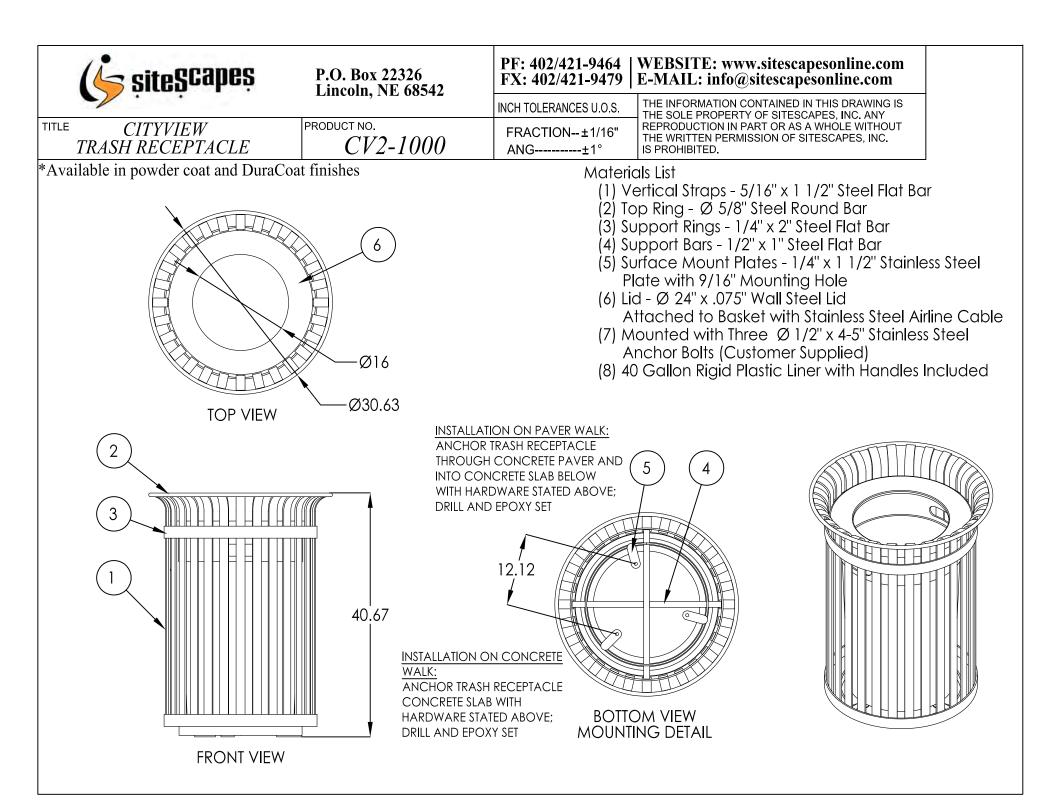


NOTE: REFER TO WRITTEN SPECIFICATIONS FOR FURTHER DETAILS REGARDING INSTALLATION, MAINTENANCE AND REMOVAL OF FENCE.



Tree Protection Fence Detail

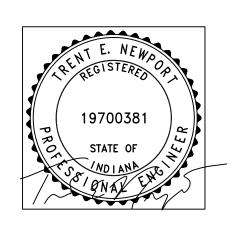
Not To Scale





Trash Receptacle Detail

Not To Scale



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Parking Enhar ndiana

RAI/CRE

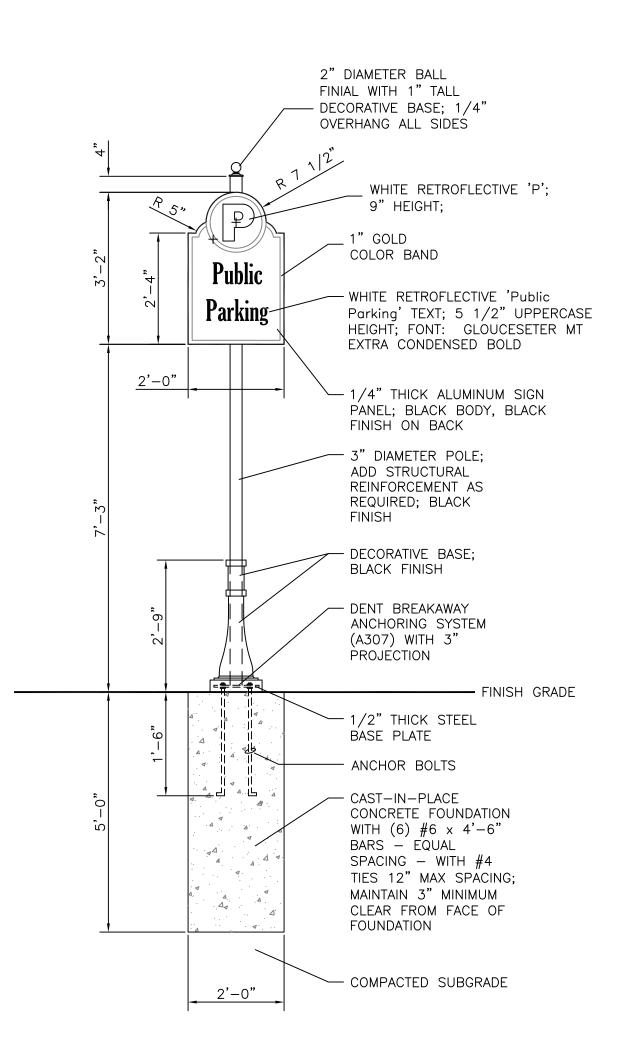
BMS/KMB

8.30.12

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Project # Date 08.23.12

702



*ALL SIGN MATERIAL, PARTS AND PIECES SHALL BE OF ALUMINUM CONSTRUCTION WITH POWDER COAT FINISH UNLESS NOTED OTHERWISE *ALL HARDWARE SHALL BE SIZED APPROPRIATELY, EXTERIOR GRADE AND CORROSION RESISTANT

PUBLIC PARKING SIGNAGE

Public Parking Signage

STERNBERG 5201LED LIGHTED BOLLARD;

SPECIFICATIONS FOR

PAVER SIDEWALK;

SEE PLANŚ

SEE PLANS AND

FURTHER DETAIL

GROUND ROD

COMPACTED SUBGRADE -

==讲=/

East Court Street / City Hall Bollard & Clock
Not To Scale

—ANCHOR BOLTS; PER — MANUFACTURER

CONDUIT; SIZE PER

PROJECT ELECTRICAL

PLANS

\======

CITY OF FRANKLIN TO

CONFIRM LOGO/TEXT -

PRIOR TO ORDÉRING;

THIS AREA

STERNBERG TSQ-30A-TOWN SQUARE

LIGHTED CLOCK WITH

5210FP6 BASE; SEE

PLANS AND SPECIFICATIONS FOR

INSTALL FLUSH WITH TOP OF PAVERS WITH

RESISTANT HARDWARE

PER MANUFACTURERS

BOLT PATTERN; SEE

SPECIFICATIONS

GROUND ROD

EXPANSION JOINT; ALL-

-CAST-IN-PLACE REINFORCED -

MAINTAIN 3" CLEAR SPACE

CONCRETE FOUNDATION; (4) #4

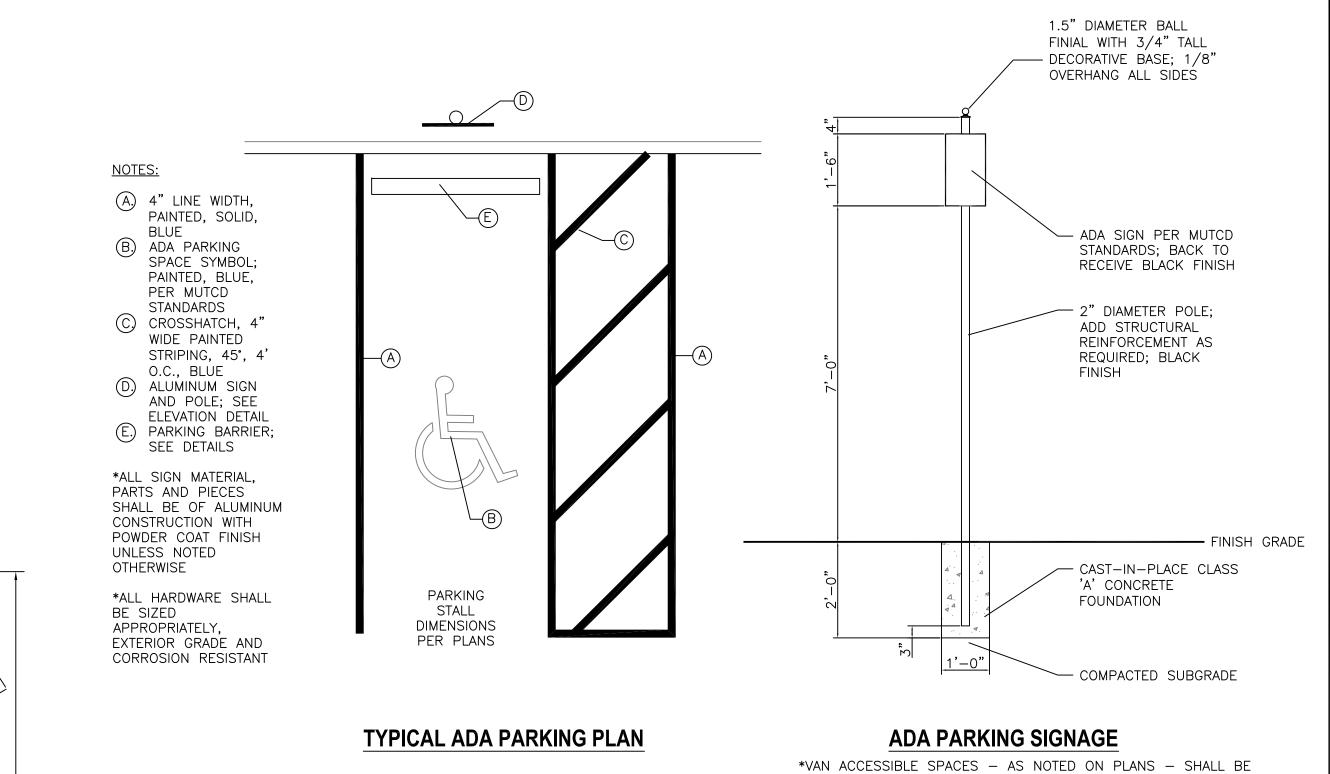
VERT. BARS W/ #3 TIES @ 12"

APPROPRIATE CORROSION —

FURTHER DETAIL



COMPACTED SUBGRADE

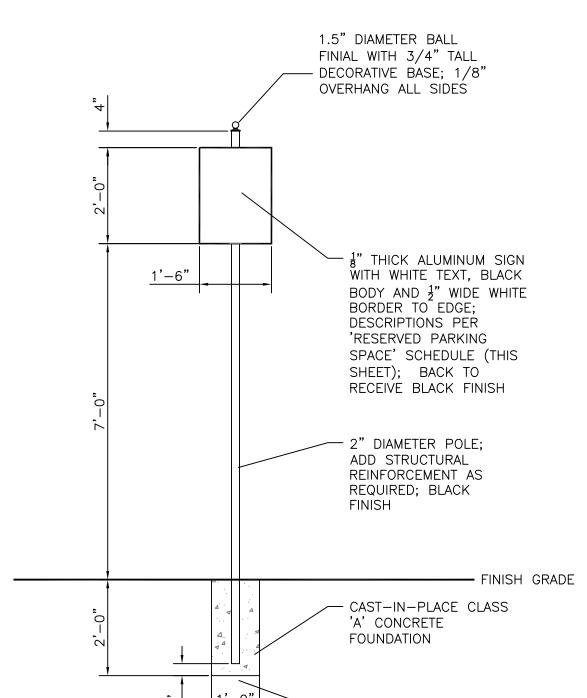


Disabled Parking Details A 703

1'-8"

>=====

- COMPACTED SUBGRADE



	COURTH	OUSE SOUTH PARKING LOT
QTY	SIZE	DESCRIPTION
5	PER DETAIL	COURTHOUSE PATRONS
1	PER DETAIL	SHERIFF DEPT. PARKING ONLY
1	PER DETAIL	SHERIFF VAN PARKING ONLY
2	PER DETAIL	CLERK OF THE COURTS PARKING ONLY
1	PER DETAIL	RESERVED PARKING

ADDITIONALLY DESIGNATED ON PARKING SPACE SIGNAGE

		G LOT AT SE CORNER OF ROE ST & JACKSON ST
QTY	SIZE	DESCRIPTION
1	PER DETAIL	AUDITOR / FRANKLIN TWP. ASSESSOR
1	PER DETAIL	TREASURER/COUNTY COORDINATOR
1	PER DETAIL	COUNTY SURVEYOR/COUNTY ASSESSOR
1	PER DETAIL	RECORDER
1	PER DETAIL	DIR. COMPUTER / DIR. HEALTH DEPT.

NOTES:

ALL TEXT TO BE UPPERCASE; MINIMUM 4" HEIGHT COUNTY OFFICIALS TO VERIFY AND CONFIRM DESCRIPTIONS PRIOR TO FABRICATION

ALL SIGN MATERIAL, PARTS AND PIECES SHALL BE OF ALUMINUM CONSTRUCTION WITH POWDER COAT FINISH UNLESS NOTED OTHERWISE

ALL HARDWARE SHALL BE SIZED APPROPRIATELY, EXTERIOR GRADE AND CORROSION RESISTANT

SS

Professional Seal

rking Enhar na Franklin of

Designed By Drawn By Revisions

Project # Date 050612 08.23.12

RAI/CRE

BMS/KMB

8.30.12

B 703