

GENERAL UTILITY NOTES

- ALL WATER MAINS SHALL BE DUCTILE IRON CL 50 OR GREATER, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM). ALL SEWER MAINS SHALL BE PVC (50%-26), UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM). ALL DOMESTIC WATER SERVICE LINES SHALL BE POLYETHYLENE PIPE, UNLESS OTHERWISE SPECIFIED ON THE PLANS. PUBLIC PORTION FROM WATER MAIN TO WATER METER SHALL BE COPPER. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM). ALL DOMESTIC SANITARY SEWER SERVICE LINES SHALL BE PVC (50%-26), OR OTHERWISE SPECIFIED ON THE PLANS, SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
- EXISTING UTILITIES SHOWN ON PLANS HAVE BEEN SHOWN IN THEIR APPROXIMATE LOCATIONS FOR AVAILABLE INFORMATION.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE APPROPRIATE UTILITY AUTHORITIES AND THE OWNER, AND THE CONTRACTOR HAS BEEN NOTIFIED BY MCCLELLAN CONSULTING ENGINEERS, INC.
- CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY VIOLATION OR REQUIREMENTS OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. MCCLELLAN CONSULTING ENGINEERS, INC. AND THE OWNER ARE TO BE HELD HARMLESS.
- ALL TRENCHING, BACKFILLING AND PIPE LAYING IS TO MEET ALL OSHA REQUIREMENTS.
- THE LOCATION, DESCRIPTION AND SIZE OF ALL ABOVE-GROUND AND UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN DETERMINED WITH DUE CARE AND DILIGENCE USING CURRENT TECHNOLOGICAL EQUIPMENT AND PROPER ACCURACY CONTROL PROCEDURES. HOWEVER, INFORMATION SHOWN HEREON IS NOT WARRANTED TO BE CORRECT BY EVERY DETAIL BECAUSE OF INACCURACIES IN OR LACK OF EXISTING DATA OR MAPS AND THE INABILITY TO VERIFY IN THE FIELD. PERSONS USING INFORMATION CONTAINED HEREON ARE HEREBY CAUTIONED ACCORDINGLY.
- REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLANS.
- ALL WATER & SEWER DESIGNS ARE SUBJECT TO THE CITY'S LATEST DESIGN CRITERIA (STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WATER AND SEWER IMPROVEMENTS IN THE CITY OF ROGERS AND AREAS UNDER THE JURISDICTION OF THE ROGER COMMISSION, REVISED 04/16/2007). REVIEW FOR PLAT APPROVAL IS NOT APPROVAL OF PUBLIC IMPROVEMENTS, AND ALL PROPOSED IMPROVEMENTS ARE SUBJECT TO FURTHER REVIEW AT THE TIME CONSTRUCTION PLANS ARE SUBMITTED.
- ANY DAMAGE TO THE EXISTING PUBLIC STREET DUE TO CONSTRUCTION SHALL BE REPAIRABLE REPLACED AT THE OWNER'S / DEVELOPER'S EXPENSE.
- WATER AND SEWER IMPACT FEES WILL APPLY FOR THE ADDITIONAL IMPACT TO THE SYSTEM (IF APPLICABLE). THE FEES WILL BE BASED ON THE PROPOSED METER SIZE AND WILL BE CHARGED AT THE TIME OF METER SET (IF APPLICABLE).
- ALL UTILITY SERVICE LINES TO BE CONNECTED TO NEW MAINS OR RELOCATED AS NEEDED FOR INSTALLATION OF STORM SEWER SYSTEM.
- ALL CONDUITS PLACED BY CONTRACTOR MUST HAVE 24" OF COVER AT FINAL GRADE AND MARKED WITH POSTS TO IDENTIFY THE ENDS OF CONDUITS. THERE MUST BE A MINIMUM SEPARATION OF 12" BETWEEN ELECTRICAL CONDUITS AND CONDUITS FOR OTHER UTILITIES.
- SERVICE TAPS ON UTILITY MAINS (PROPOSED AND / OR EXISTING) SHALL BE MADE BY THE CITY, AND FEES PAID BY CONTRACTOR.
- ALL UNDERGROUND LINES SHALL BE INSPECTED BY THE ENGINEER, OR HIS REPRESENTATIVE PRIOR TO BACK FILLING.
- DOMESTIC SANITARY SEWER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL SD-4/15.
- DOMESTIC WATER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL W-1/1.
- ALL WATER LINE DIMENSIONS SHOWN ARE TO CENTER OF PIPE OR FITTING. ALL SEWER LINE DIMENSIONS ARE SHOWN TO CENTER OF MANHOLE OR CENTER OF PIPE.
- TESTING OF WATER AND SEWER LINES SHALL BE AT THE CONTRACTOR'S EXPENSE.
- TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, AND TOPS OF EXISTING MANHOLES IN UNPAVED AREAS ARE TO BE 4" ABOVE FINISHED GRADES.
- ALL UTILITIES UNDER PAVED AREAS SHALL RECEIVE CLASS 7 BASE BACKFILL FULL DPHV.
- MAINTAIN MINIMUM HORIZONTAL SEPARATION OF 10' BETWEEN WATER AND SEWER MAINS AND 5' BETWEEN OTHER UNDERGROUND UTILITIES SUCH AS STORM SEWER, ELECTRICAL, GAS, DOMESTIC WATER / SEWER SERVICE LINES, AND CONDUITS.
- ALL EXISTING WATER, GAS AND / OR ELECTRICAL METERS AS NOTED TO BE ABANDONED AND / OR REMOVED PER THE DEMOLITION PLAN WITHIN THE PROJECT AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHORITY.
- COORDINATION OF ALL CONDUIT PLACEMENT SHALL BE MADE WITH UTILITY PROVIDERS.
- ALL WATER FITTINGS SHALL BE RESTRAINED THROUGH THE USE OF THURST BLOCKING PER DETAIL WD-2/20 OR APPROVED EQUAL.
- ALL SEWER FORCE MAIN FITTINGS SHALL BE RESTRAINED THROUGH THE USE OF THURST BLOCKING PER DETAIL SD-1/18 OR APPROVED EQUAL.
- PROPOSED UTILITIES THAT ARE TO BE INSTALLED IN THE SAME TRENCH SHALL BE COORDINATED WITH, AND APPROVED BY, THE INVOLVED UTILITIES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED UTILITIES.
- ALL PROPOSED UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH GOVERNING AGENCY.

EXISTING LEGEND

—S—	SANITARY SEWER LINE	—W—	WATER LINE
—G—	GAS LINE	—T—	UNDERGROUND TELEPHONE
—U—	UNDERGROUND ELECTRIC	—F—	UNDERGROUND FIBER
—O—	OVERHEAD ELECTRIC	—R—	ROAD CENTERLINE
—D—	DITCH FLOWLINE	—G—	GRAVEL LINE
—F—	FENCE	—H—	FIRE HYDRANT
—C—	CADASTRE LINE	—M—	WATER METER
—V—	VALVE	—P—	WATER PAVEMENT
—W—	WATER VALVE	—T—	TREE
—O—	ORIENTED	—D—	DRAINAGE MH
—P—	POWER POLE	—G—	GUY WIRE W/ ANCHOR
—M—	METER	—S—	STREET LIGHT POLE
—T—	TELEPHONE PEDESTAL	—P—	POST (AS NOTED)
—C—	CABLE TV PEDESTAL	—B—	BENCHMARK
—S—	SIGN (AS NOTED)	—F—	FOUND IRON PSH (AS NOTED)
—P—	POST (AS NOTED)	—C—	CONTROL POINT
—B—	BENCHMARK	—S—	SS SPODE
—F—	FOUND IRON PSH (AS NOTED)	—V—	VALVE
—C—	CONTROL POINT	—D—	DISH
—S—	SS SPODE	—T—	TREE

PROPOSED LEGEND

—S—	STORM DRAIN	—W—	WATER LINE
—G—	GAS LINE	—T—	UNDERGROUND TELEPHONE
—U—	UNDERGROUND ELECTRIC	—F—	UNDERGROUND FIBER
—O—	OVERHEAD ELECTRIC	—R—	ROAD CENTERLINE
—D—	DITCH FLOWLINE	—G—	GRAVEL LINE
—F—	FENCE	—H—	FIRE HYDRANT
—C—	CADASTRE LINE	—M—	WATER METER
—V—	VALVE	—P—	WATER PAVEMENT
—W—	WATER VALVE	—T—	TREE
—O—	ORIENTED	—D—	DRAINAGE MH
—P—	POWER POLE	—G—	GUY WIRE W/ ANCHOR
—M—	METER	—S—	STREET LIGHT POLE
—T—	TELEPHONE PEDESTAL	—P—	POST (AS NOTED)
—C—	CABLE TV PEDESTAL	—B—	BENCHMARK
—S—	SIGN (AS NOTED)	—F—	FOUND IRON PSH (AS NOTED)
—P—	POST (AS NOTED)	—C—	CONTROL POINT
—B—	BENCHMARK	—S—	SS SPODE
—F—	FOUND IRON PSH (AS NOTED)	—V—	VALVE
—C—	CONTROL POINT	—D—	DISH
—S—	SS SPODE	—T—	TREE

UTILITY KEYNOTES

400	POINT OF CONNECTION - WATER SERVICE
401	DOMESTIC WATER SERVICE BUILDING ENTRY (SEE ARCH. / MEP PLANS)
421	POINT OF CONNECTION - SANITARY SEWER SERVICE
423	SANITARY SEWER SERVICE BUILDING ENTRY (SEE ARCH. / MEP PLANS)
427	WATER SEPARATOR W/ CLEAN OUTS (SEE ARCH. / MEP PLANS)
428	CONNECT TO EXISTING SANITARY SEWER MANHOLE
430	POINT OF CONNECTION - ELECTRIC SERVICE (PER ELECTRIC COMPANY REQUIREMENTS)
432	ELECTRIC BUILDING ENTRY (SEE ARCH. / MEP PLANS)
435	PROPOSED ELECTRIC TRANSFORMER & PAD (PER ELECTRIC COMPANY REQUIREMENTS)
437	POINT OF CONNECTION - TELEPHONE / INTERNET SERVICE (PER TELEPHONE COMPANY REQUIREMENTS)
438	TELEPHONE / INTERNET BUILDING ENTRY (SEE ARCH. / MEP PLANS)
440	TELEPHONE / INTERNET CONDUITS TO BE 30" TO 40" DIA. AND QUANTITY PER TELEPHONE COMPANY (UNDER PAVED AREAS ONLY)
441	POINT OF CONNECTION - NATURAL GAS SERVICE (PER GAS COMPANY REQUIREMENTS)
442	NATURAL GAS METER
443	NATURAL GAS BUILDING ENTRY (SEE ARCH. / MEP PLANS)
448	POINT OF RELOCATION
449	LIFT STATION (SEE LEFT STATION PLANS)
450	6" PVC (SVEE) (36" COVER)

UTILITY DETAILS

410	SANITARY SEWER CLEAN-OUT
411	SEWER CONNECTION (WD-1/1)
412	1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
413	STANDARD 5/8" & 3/4" WATER SERVICE TAP (WD-1/1)
414	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
415	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
416	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
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418	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
419	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
420	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
421	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
422	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
423	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
424	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
425	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
426	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
427	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
428	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
429	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)
430	STANDARD 1/2" & 3/4" WATER SERVICE TAP (WD-1/1)

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 ROGERS, ARKANSAS



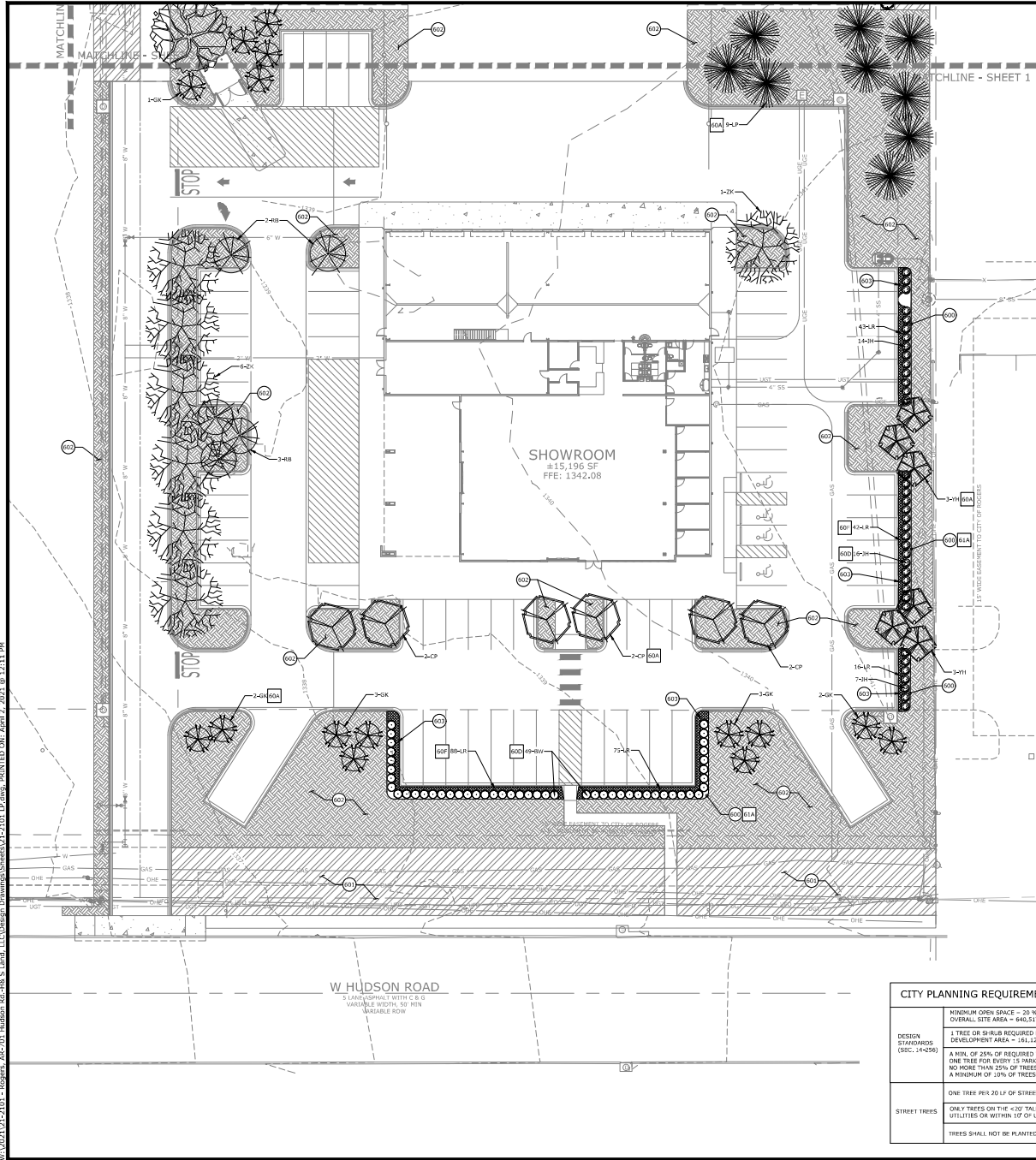
REV	DATE	DESCRIPTION

UTILITY PLAN

DESIGNED BY:	JPB	DRAWN BY:	JPB
DATE:	4/2/2021	REVISION:	DESIGN
SCALE:	AS NOTED	201 NUMBER:	21-2101

C6.0

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- ### PROPOSED LEGEND
- STORM DRAIN
 - CATCH BASIN
 - GAS METER
 - ELECTRIC METER
 - FIRE DEPARTMENT CONNECTION
 - FIRE HYDRANT
 - WATER METER
 - SANITARY SEWER MANHOLE
 - CLEAN-OUT
 - ELECTRIC TRANSFORMER
 - LIGHT POLE
 - SEED (SEE PLANTING LIST - THIS SHEET)
 - SOD (SEE PLANTING LIST - THIS SHEET)
 - SHRUB PLANTING (SEE PLANTING LIST - THIS SHEET)
 - TREE PLANTING (SEE PLANTING LIST - THIS SHEET)
 - GAS LINE
 - UNDERGROUND ELECTRIC LINE
 - LGT
 - WATER LINE
 - SANITARY SEWER LINE
 - FORCE MAIN LINE

- ### EXISTING LEGEND
- PROPERTY LINE
 - RIGHT OF WAY
 - SANITARY SEWER LINE
 - WATER LINE
 - GAS LINE
 - UNDERGROUND TELEPHONE
 - UNDERGROUND ELECTRIC
 - UNDERGROUND TELEVISION
 - UNDERGROUND FIBER
 - OVERHEAD ELECTRIC
 - FENCE
 - ROAD CENTERLINE
 - DITCH FLOWLINE
 - CASSETT LINE
 - GRAVEL LINE
 - FIRE HYDRANT
 - WATER METER
 - WATER VALVE
 - WATER FAUCET
 - SANITARY SEWER MH
 - CLEAN-OUT
 - DRAINAGE MH
 - POWER POLE
 - GUY WIRE W/ ANCHOR
 - GAS METER
 - GAS RISER
 - STREET LIGHT POLE
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - SIGN (AS NOTED)
 - POST (AS NOTED)
 - BENCH MARK
 - FOUND IRON PIN (AS NOTED)
 - CONTROL POINT
 - IR SPIKE
 - SURV
 - TREE

LANDSCAPE KEYNOTES

- 600 LANDSCAPE EDGING
- 601 SEEDING AREA
- 602 SODDED AREA
- 603 APPLY A 3" LAYER OF SHIPPED HARDWOOD MULCH (NATURAL COLOR) TO ALL LANDSCAPE BEDS. SINGLE TREES AND SHRUBS SHALL HAVE THE SAME 3" LAYER OF MULCH APPLIED TO THE OUTSIDE EDGE OF THE PLANTING PIT.

LANDSCAPE DETAILS

- 60A TREE PLANTING
- 60B SHRUB PLANTING
- 60F PERMEABLE PLANTING
- 61A STEEL EDGING

PLANT LIST						
KEY	QTY.	CORPORAL NAME	Botanical name	SYMBOL	SIZE / COMMENTS:	
STREET TREES	CP 6	CHINESE PISTACHE	<i>Pistacia chinensis</i>		2 1/2' Caliper	
	GK 15	PRINCETON SENTRY COLUMNAR GINKGO	<i>Ginkgo biloba 'Princeton Sentry'</i>		2 1/2' Caliper	
SHADE TREES	ZK 7	GREEN VASE ZELKOVA	<i>Zelkova serrata 'Green Vase'</i>		2 1/2' Caliper	
	SD 8	SCARLET OAK	<i>Quercus coccinea</i>		2 1/2' Caliper	
QUADRANTAL TREES	RB 5	OKLAHOMA REDBUD	<i>Cercis canadensis var. 'serotina' 'Oklahoma'</i>		2' Caliper	
EVERGREEN TREES	LP 15	LORLOLLY PINE	<i>Pinus taeda</i>		6' Tall	
	YH 6	YALPON HOLLY TREE	<i>Ilex vomitoria</i>		8' Tall MULCH/PIK	
SHRUBS	JP 40	STAR POWER JUNIPER	<i>Juniperus x 3/4 'Select Blue'</i>		10 Gallon	
	BW 49	WINTER GREY BOUQUARD	<i>Buxus microphylla 'Winter Gem'</i>		5 Gallon	
	JH 37	CONTACT JAPANESE HOLLY	<i>Ilex crenata 'Compacta'</i>		5 Gallon	
	LR 263	BIG BLUE LIRIOPE	<i>Liriope muscari 'Big Blue'</i>		Quart / 18" D.C.	
GROUNDCOVER	- 3,960 SF	YUKON BERMUDA SOD	<i>Cynodon dactylon 'Yukon'</i>		Solid Sod	
	- 4,806 SF	YUKON BERMUDA SEED	<i>Cynodon dactylon 'Yukon'</i>		Seed with Straw Mulch Cover	
	- 3,462 SF	DETECTION POND SEED MIX	See Sheet C7.2 for Seed Mix Table		Seed with Straw Mulch Cover	

Note: Caliper measurements as per American Standard for Nursery Stock (ANSI Z60.1 - 2014) requirements.

- ### LANDSCAPE NOTES:
1. PLANTINGS IN EXCESS OF MINIMUM REQUIREMENTS MAY NOT BE REDUCED ONCE APPROVED BY THE PLANNING COMMISSION.
 2. A LETTER FROM THE OWNER/DEVELOPER IS REQUIRED THAT GUARANTEES TO MAINTAIN AND/OR REPLACE THE LANDSCAPING FOR A PERIOD OF THREE YEARS STARTING ONCE INSTALLATION IS COMPLETE.

CITY PLANNING REQUIREMENTS		REQUIRED	PROVIDED
DESIGN STANDARDS (SEC. 14-256)	MINIMUM OPEN SPACE = 20 % OVERALL SITE AREA = 640,537 S.F. 1 TREE OR SHRUB REQUIRED FOR EVERY 1,000 SF OF DEVELOPMENT AREA DEVELOPMENT AREA = 151,121 SF / 1,000 SF = 151 TREES OR SHRUBS A MIN. OF 25% OF REQUIRED TREES OR SHRUBS SHALL CONSIST OF TREES ONE TREE FOR EVERY 15 PARKING SPACES / 60 PARKING SPACES NO MORE THAN 25% OF TREES TO BE ORNAMENTAL TREES A MINIMUM OF 10% OF TREES SHALL BE EVERGREEN	20% = 128,031 S.F. 161 TREES OR SHRUBS	490,976 S.F. = 7% OPEN SPACE 41 TREES 130 SHRUBS 100 TREES
STREET TREES	ONE TREE PER 20 LF OF STREET FRONTAGE: 317 LF / 20 = 16 TREES ONLY TREES ON THE 20' TALL LIST MAY BE USED WITHIN 20' OF OVERHEAD UTILITIES OR WITHIN 10' OF UNDERGROUND UTILITIES TREES SHALL NOT BE PLANTED WITHIN 20' OF LIGHT POLES	16 TREES YES YES	16 TREES YES YES

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MARINE SALES AND SERVICE
701 WEST HUDSON ROAD
ROGERS, ARKANSAS



REV.	DATE	DESCRIPTION

LANDSCAPE PLAN - SHEET 1

DESIGNED BY: JPB
DATE: 4/2/2021
SCALE: AS NOTED
DRAWN BY: JPB
CHECKED: JPB
DESIGN: JPB
JOB NUMBER: 21-2101

C7.0

W:\321\21-2101 - Rogers - JAS-206 - Hudson Rd - 48 S - Land - LCA Design - Drawings - Sheets\21-2101 LP.dwg - PRINTED ON: 4/2/2021 @ 12:11 PM

GENERAL LANDSCAPE NOTES

- CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL PROPOSED LANDSCAPING IS INSTALLED IN ACCORDANCE WITH PLANS, DETAILS, SPECIFICATIONS (IF APPLICABLE), AND ALL LOCAL CODES AND REQUIREMENTS.
- CONTRACTOR TO INSPECT SITE AND VERIFY CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH WORK DESCRIBED HEREIN. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING ANY CONSTRUCTION.
- QUANTITIES PROVIDED IN THE PLANS ARE FOR GENERAL USE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLANT AND LANDSCAPE MATERIAL QUANTITIES AND FOR OBTAINING COVERAGE OF MATERIALS. THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT WILL PROVIDE ALTERNATE PLANT MATERIAL SELECTIONS IF UNAVAILABILITY OCCURS. SUCH CHANGES SHALL NOT ALTER THE ORIGINAL BID PRICE UNLESS A CREDIT IS DUE TO THE OWNER.
- IMMEDIATELY AFTER AWARD OF CONTRACT CONTRACTOR IS TO NOTIFY THE OWNER'S REPRESENTATIVE AND / OR THE LANDSCAPE ARCHITECT OF ANY UNAVAILABILITY OF SPECIFIED PLANT MATERIAL FROM COMMERCIAL SOURCES. THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT WILL PROVIDE ALTERNATE PLANT MATERIAL SELECTIONS IF UNAVAILABILITY OCCURS. SUCH CHANGES SHALL NOT ALTER THE ORIGINAL BID PRICE UNLESS A CREDIT IS DUE TO THE OWNER.
- ALL PLANT MATERIALS TO CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z66.1.
- CONTAINER GROWN STOCK SHOULD HAVE GROWN IN A CONTAINER LONG ENOUGH FOR THE ROOT SYSTEM TO HAVE DEVELOPED SUFFICIENTLY TO HOLD ITS SOIL TOGETHER.
- ANY PLANT SUBSTITUTIONS, RELOCATION, OR REQUIRED CHANGES SHALL REQUIRE THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT AND / OR OWNER.
- THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT RESERVE THE RIGHT TO REFUSE ANY MATERIAL THAT IS UNACCEPTABLE.
- CONTRACTOR TO COORDINATE WITH PROJECT REPRESENTATIVE FOR DISTURBED SITE TREATMENTS OUTSIDE LANDSCAPE IMPROVEMENTS. SEE CIVIL PLANS FOR SOIL STABILIZATION FOR EROSION CONTROL.
- IF REQUIRED, CONTRACTOR TO ENSURE THAT AN AUTOMATED IRRIGATION SYSTEM THAT PROVIDES COMPLETE COVERAGE OF THE SITE IS INSTALLED PRIOR TO INSTALLING TREES (SEE IRRIGATION PLAN SHEET IF PROVIDED). IF NO PLAN IS PROVIDED, THE CONTRACTOR SHALL SUBMIT A PROPOSED DESIGN TO THE LANDSCAPE ARCHITECT AND / OR ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. THE PROPOSED DESIGN MUST HAVE AN APPROVED BACKFLOW DEVICE, PROVIDE 100% HEAD-TO-HEAD COVERAGE, AND A RAIN SENSOR INSTALLED TO STOP IRRIGATION DURING RAIN EVENTS. CONTRACTOR SHALL ENSURE THAT THERE IS POSITIVE DRAINAGE AND NO PONDING OF WATER AT ROOT AREA.
- ALL HARDSCAPE MATERIALS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED, IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL (APPROVED BY THE OWNER), AS NEEDED, THE AREA SHALL THEN BE SEEDS, SOODED, FERTILIZED, MULCHED, WATERED, AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY RELOCATED TREES SHALL BE MAINTAINED UNTIL SUCH POINT AS TREE IS ESTABLISHED. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE WORK AREA, TO PROTECT OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD, AND TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE IMPROVEMENTS, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION AT NO COST TO THE OWNER.
- IF A SWAMP PLAN IS PROVIDED, THIS PLAN IS TO BE IMPLEMENTED COOPERATIVELY WITH SWAMP PLAN (AS NEEDED), TO MAXIMIZE THE EFFECTIVENESS OF THE SWAMP PLAN FOR THIS SITE.
- THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SOODING IN SPACES FOR SOIL STABILIZATION AREAS ARE COMPLETED AFTER GRADING.

GENERAL SOLID SOD NOTES

- ADJUST FIVE GRADE TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS, PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CONTACT ANY IRREGULARITIES AND / OR AREAS WHERE WATER MAY STAY.
- ALL LAWN AREAS TO RECEIVE SOLID SOD SHALL BE LEFT IN A MAXIMUM OF 1/2" BELOW FINL FINEH GRADE. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- CONTRACTOR TO COORDINATE WITH ON-SITE CONSTRUCTION MANAGER FOR AVAILABILITY OF EXISTING TOPSOIL.
- SPORTED TOPSOIL SHALL BE NATURAL, FINE-TEXTURED SOIL WITH A PH RANGE OF 5.0 TO 7.0 AND WITH A MINIMUM 2 PERCENT ORGANIC MATTER CONTENT.
- ALL LAWN AREAS TO BE FINE GRADED, SETTLED, AND FINISH GRADE APPROVED BY THE OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT PRIOR TO SOD INSTALLATION.
- ALL ROCKS ONE INCH IN DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPILLS, CONSTRUCTION WASTE, ETC. SHALL BE REMOVED PRIOR TO PLACING TOPSOIL AND ANY LAWN INSTALLATION.
- PLANT SOD BY HAND TO COVER INDICATED AREA COMPLETELY. INSURE EDGES OF SOD ARE TOUCHING. TOP DRINKS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
- ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE FREE FROM UNNATURAL UNDULATIONS.
- FERTILIZE ALL SOD AT THE TIME OF PLANTING WITH A TIME RELEASE FERTILIZER AS PER SOIL TESTING LABORATORY RECOMMENDATIONS.
- WATER SOD THOROUGHLY AS SOD OSMINATION PROGRESSES.
- IF SOD IS INSTALLED ON SLOPES OF 3:1 OR GREATER, SOD SHALL BE STAKED TO AVOID SLIPPING OR SLIDING AWAY. STAKING OR STAPLES SHALL BE INSTALLED FIVE FEET TO NOT CREATE A MAINTENANCE ISSUE WITH CARE EQUIPMENT.
- CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE, THIS SHALL INCLUDE, BUT NOT LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN VIGOROUS, HEALTHY CONDITIONS.
- CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF AN ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
- IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1ST AND MARCH 31ST, ALL SOD AREAS TO BE OVER-SEEDDED WITH ANNUAL RYE GRASS SEED AT 5 LBS / 1000 SF.

GENERAL PLANTING NOTES

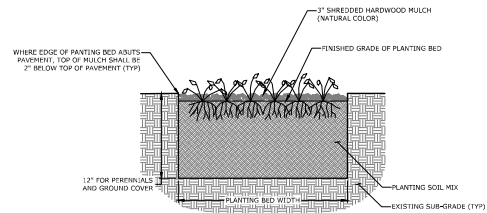
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING ALL PLANTED AREAS. ALL DELETERIOUS MATERIALS SUCH AS ROCK, TRASH, CONSTRUCTION DEBRIS, IRREGULAR BASE MATERIAL, ASPHALT, ETC. SHALL BE REMOVED PRIOR TO ANY FILL OPERATIONS. FILL ALL PLANTING AREAS WITH CLEAN FORTH-FILL SOIL SHALL BE FREE OF HEAVY STIFF CLAY AND ANY DELETERIOUS MATERIAL OVER ONE INCH IN SIZE. THE TOP SIX INCHES OF FILL MATERIAL STRIPPED FROM EXISTING AREAS SHALL BE UTILIZED TO FILL IN FILL BEHIND APPROVAL HAS BEEN OBTAINED FROM THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT.
- FINISH GRADE OF LANDSCAPE AREAS MUST BE GRADED TO EITHER A 1/2" BELOW ADJACENT PAVEMENT SURFACES TO ALLOW FOR TURF OR 3" BELOW ADJACENT PAVEMENT SURFACES TO ALLOW FOR MULCH.
- LOCATE SHRUBS A DISTANCE OF HALF OF THEIR AVERAGE MATURE SPREAD AWAY FROM WALKS, STRUCTURES, CONCRETE PATHS, ETC. CONTRACTOR TO LOCATE GROUND COVER PLANTINGS A MINIMUM OF 2" FROM WALKS, STRUCTURES, CONCRETE PATHS, ETC.
- ALL LAWN AREAS NOT OTHERWISE BROADCAST BY WALKS, OR OTHER STRUCTURES, SHALL HAVE MANUFACTURED EDDING AS REQUIRED.
- TREES PLANTED ADJACENT TO PUBLIC ROADS AND INDUSTRIAL SIDEWALKS SHALL BE PRUNED SUFFICIENTLY TO AVOID VISUAL BLOCKS TO INTERSECTING VEHICULAR ACCESS OR INTERFERENCE WITH PEDESTRIAN WALKWAYS. TREES WITH A 4" OR LARGER CALIPER SHALL BE PRUNED UP TO 8'-0" ABOVE PAVEMENTS.
- TOPSOIL DEPTH SHALL BE AS FOLLOWS:
 - PLANTING BEDS - 12" MINIMUM
 - GRASS / SOD AREAS - 4" MINIMUM (AFTER COMPACTION)
- BACKFILL ALL TREES AND SHRUBS NOT IN PLANTING BEDS WITH A MIXTURE OF 3 PARTS NATIVE SOIL AND 1 PART ORGANIC COMPOST.
- THE LANDSCAPE CONTRACTOR SHALL WATER TEST ALL PLANTING HOLES PRIOR TO PLANTING. IF HOLES DO NOT DRAIN PROPERLY, EXCAVATE FURTHER UNTIL IMPERMEABLE LAYER IS BROKEN. EXCAVATED PLANT PITS SHALL HAVE POSITIVE DRAINAGE. PLANT PITS (WHEN FULLY FLOODED WITH WATER) SHALL DRAIN WITHIN 1 HOUR OF FILLING. INSURE THAT ALL PLANT PITS HAVE POSITIVE DRAINAGE.
- ALL PLANTING BEDS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE. PRE-EMERGENT HERBICIDE SHALL BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS AND SHALL OCCUR AFTER TOPSOIL PLACEMENT, BUT PRIOR TO INSTALLATION OF PLANT MATERIALS AND MULCH.
- FERTILIZE ALL PLANTS AT THE TIME OF PLANTING WITH A TIME RELEASE FERTILIZER PER BRAND'S SPECIFIED APPLICATION RATES.
- ALL HERBICIDOUS PLANTING BED SOILS SHALL BE AMENDED WITH 2" OF ORGANIC COMPOST TILLED INTO TO MINIMUM DEPTH OF 6".
- ALL TREES AND SHRUBS SHALL BE PLANTED IN SUCH A MANNER AS TO ENSURE THEIR SURVIVAL.
- ANY HOPE OR WIRE WRIDING THE BALL SHALL BE CUT PRIOR TO PREVENT GIRDLING OF THE TREE. REMOVE WIRE, TWINE, AND BURRAP FROM THE TOP HALF OF ALL BBS PLANT MATERIAL.
- IF A NON-BIODEGRADABLE MATERIAL IS USED AROUND THE BALL, IT SHALL BE COMPLETELY REMOVED PRIOR TO BACKFILLING.
- PRIOR TO INSTALLATION, THE ROOTS OF CONTAINER GROWN STOCK SHALL BE SEPARATED OR SPLIT TO ENSURE PROPER ROOT DEVELOPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
- ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR SELECTED (PRIOR TO SUBSTANTIAL COMPETITION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS. TREES & SHRUBS SHALL BE PLANTED AS SOON AS POSSIBLE AFTER DELIVERY.
- ALL TREES MUST BE STRAIGHT-TRUNKED, FULL-HEADED, AND MEET ALL REQUIREMENTS SPECIFIED.
- NO SUBSTITUTIONS OR ALTERNATIVES WILL BE ALLOWED FOR GROUND SURFACE MATERIALS UNLESS APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT.
- MAINTAIN 5' MINIMUM HORIZONTAL SEPARATION BETWEEN TREE PLANTINGS AND ALL UTILITIES UNLESS OTHERWISE SPECIFIED.
- MULCH (HARDWOOD, ROCK, OR OTHER SPECIFIED MATERIAL) SHALL BE PLACED IN ALL PLANT BEDS AND AROUND ALL TREES, SINGLE TREES OR SHRUBS SHALL HAVE MULCH TO THE OUTSIDE EDGE OF THE MANUFACTURED EDGING OF LANDSCAPE ISLAND.
- THE FOLLOWING PLANTING SEASONS ARE RECOMMENDED:
 - EVERGREEN SHRUBBERY: SPRING, SUMMER, FALL
 - DECIDUOUS SHRUBBERY & TREES: FALL
 - EVERGREEN TREES: SPRING, SUMMER, FALL

PLANT GUARANTEE, REPLACEMENT, & MAINTENANCE

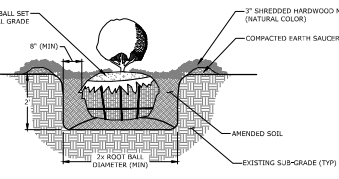
- QUANTITIES: ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY LANDSCAPE ARCHITECT AND / OR OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES UNTIL FINAL ACCEPTANCE. MAINTENANCE SHALL INCLUDE, BUT NOT LIMITED TO: WATERING, WEEDING, PRUNING AND OTHER OPERATIONS NECESSARY TO KEEP ALL LAWN AREAS IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREAS HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RE-SEEDDED SEPARATELY UNTIL ALL AREAS ARE IN A THRIVING CONDITION. CONTRACTOR SHALL PROVIDE EITHER A GUARANTEE MAINTENANCE CONTRACT OR BOND OF ALL PLANT MATERIAL FOR A PERIOD OF TIME SPECIFIED BY THE LOCAL JURISDICTION OR ONE (1) YEAR (WHICHEVER IS GREATER). GUARANTEE MAINTENANCE CONTRACT OR BOND SHALL BEGIN ON THE DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE SPECIFIED TIME PERIOD.

GENERAL HERBICIDES NOTES

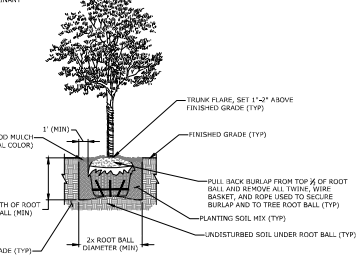
- APPLICATION OF HERBICIDES SHALL BE IN COMPLIANCE WITH STATE PESTICIDES REGULATIONS. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO CONSULT WITH THE REGULATORY AGENCIES FOR LOCAL HERBICIDES APPLICATION REQUIREMENTS.
- IF THERE IS A DISCREPANCY BETWEEN STATE REGULATIONS AND ADDITIONAL REQUIREMENTS BELOW, MOST STRINGENT SHALL RULE.
- NO AERIAL APPLICATION OF HERBICIDES IS PERMITTED ON SITE.
- CARCINOGENS AND EPA TOXIC CATEGORY I AND II ARE PROHIBITED BY USE ON SITE.



60F HERBACEOUS PLANTING
NTS



60D SHRUB PLANTING
NTS



60A TREE PLANTING
NTS

NOTES:
1. DO NOT PRUNE TERMINAL LEADERS, PRUNE CO-DOMINANT LEADERS, RUBBING OR CROSSED BRANCHES, OR EXCESSIVELY NARROW CROOKED BRANCHES.



PRELIMINARY
NOT FOR
CONSTRUCTION

ORIGIONAL SIGNATURE ON FILE

MARINE SALES AND SERVICE
701 WEST HUDSON ROAD
ROGERS, ARKANSAS



REV	DATE	DESCRIPTION

LANDSCAPE NOTES

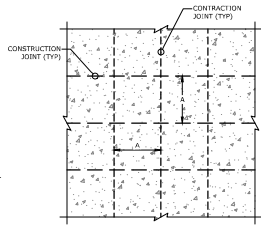
DESIGNED BY: JPB	DRAWN BY: JPB
DATE: 4/2/2021	REVISION: DESIGN
SCALE: AS NOTED	201 NUMBER: 21-2101

C7.4

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NOTES

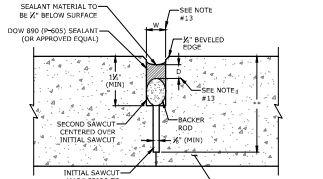
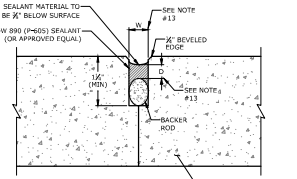
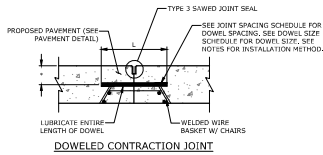
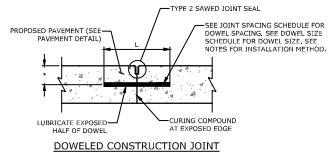
1. DOWELS SHALL BE FULLY SHOP PAINTED WITH ONE COAT OF CORROSION INHIBITING PRIMER CONFORMING TO FEDERAL SPEC. TYP-66040.
2. DOWELS SHALL BE SOLID SMOOTH STEEL BARS.
3. PRIOR TO INSTALLATION IN CONSTRUCTION JOINTS, DOWELS SHALL BE LIGHTLY GREASED WITH A THIN COAT OF HIGH MELTING POINT GREASE (OR APPROVED EQUAL) AS INDICATED. IN THE CONSTRUCTION JOINTS, ONLY THE END SPOD SHALL BE GREASED, AND ONLY AFTER INSERTION AND CROUTING INTO PLACE.
4. ALL CONSTRUCTION JOINT DOWELS SHALL BE GANDELSHED AND SPOT GROUTED. INSERTION EQUIPMENT WILL NOT BE ALLOWED.
5. DRILLING METHOD FOR DOWELS SHALL BE CAREFUL OF MAINTAINING DRILL HOLES PARALLEL TO THE CONCRETE SURFACE AND NORMAL TO THE JOINT LINES. DRILL HOLES SHALL BE ACCURATELY Laid OUT SO THAT THE MAXIMUM HORIZONTAL DEVIATION DOES NOT EXCEED 1". DRILL HOLE DIAMETER IS TO BE OF SUFFICIENT SIZE TO ACCEPT THE TOP AND SIDE OF DOWEL REQUIRED.
6. AFTER DRILLING IS COMPLETE AND PRIOR TO THE INSTALLATION OF THE DOWELS, THE HOLES SHALL BE THOROUGHLY CLEANED TO REMOVE DRILLING DUST, CONCRETE CHIPS, AND / OR ANY OTHER MATERIAL DETRIMENTAL TO DEVELOPING BOND.
7. EPOXY GROUT SHALL BE INJECTED UNIFORMLY INTO THE DOWEL HOLE. CONSTRUCTION SHALL NOT OUP AND NEAR DOWELS) AND SURFICENT MATERIAL SHALL BE PLACED IN THE HOLE SO THAT A SLIGHT AMOUNT WILL BE FORCED OUT FROM AROUND THE DOWEL. WHEN THE DOWEL IS INSERTED AND TAPPED TO THE CORRECT POSITION (SMALL WEDGES MAY BE USED TO SUPPORT THE DOWEL IN CORRECT ALIGNMENT UNTIL THE MATERIAL HARDENS), THE TOLERANCE FOR DOWEL ALIGNMENT IN EITHER THE HORIZONTAL OR VERTICAL PLANE IS 1/4" PER 1' OF DOWEL USE.
8. ALL LONGITUDINAL AND TRANSVERSE CONSTRUCTION JOINT THE BARS AND DOWELS SHALL BE INSTALLED USING AN ENGINEER-APPROVED WELDED BASKET ASSEMBLY ANCHORED TO THE BASE WITH A MINIMUM OF 4 GALVANIZED STRAPS AND NAILS (PER ASSEMBLY). POSITION ANCHOR STRAPS ON ALL TERMINATING SIDES OF THE BASKET ASSEMBLY.
9. A TRANSVERSE CONSTRUCTION JOINT SHALL BE INSTALLED AT A PLANNED JOINT WHEN PAVING OPERATIONS ARE INTERRUPTED FOR MORE THAN 30 MINUTES. IF THE INTERRUPTION OCCURS BETWEEN PLANNED JOINTS, THE FRESH CONCRETE IT SHALL BE REMOVED BACK TO THE PREVIOUSLY INSTALLED JOINT, UNLESS OTHERWISE APPROVED. NO JOINTS WILL BE ALLOWED BETWEEN THE JOINTS SHOWN ON THE JOINTING PLAN.
10. EDGES OF CONCRETE SLABS SHALL BE COVERED WITH AN APPROVED CURING MATERIAL AT THE SAME TIME AS THE SURFACE IS CURING. AT ISOLATED LOCATIONS, SLAB EDGES SHALL BE COVERED WHEN FORMS ARE REMOVED.
11. IN THICKENED ROOF AREAS WHERE DOWELS OR REINFORCING STEEL IS REQUIRED, PROVIDE ADDITIONAL SUPPORT (AS APPROVED BY THE ENGINEER) TO MAINTAIN THE SAME DEPTH FROM THE SURFACE AS FOR TYPICAL 6" CONCRETE PAVEMENT.
12. CONCRETE IN REINFORCED PANELS SHALL BE PLACED IN ONE COURSE. ALL WELDED WIRE FABRIC (WVF) SHALL BE INSTALLED USING ENGINEER APPROVED H/CHAINS ANCHORED TO THE CRUSHED AGGREGATE BASE COURSE (3" ON CENTER MAX). THE WVF SHALL RETAIN ITS SPECIFIED POSITION DURING CONCRETE PLACEMENT. WVF VIBRATED DOWN FROM THE TOP AFTER CONCRETE IS PLACED WILL NOT BE ALLOWED.
13. SEALANT RESERVOIR SHAPE FACTOR ("W" & "D"), SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.
14. ALL JOINT SEALANT RESERVOIRS SHOWN ON THIS SHEET SHALL BE VERIFIED BY THE SEALANT MANUFACTURER PRIOR TO CONSTRUCTION (REFER TO SECTION 05-00 OF THE SPECIFICATIONS FOR FURTHER INFORMATION).
15. THE REINFORCED JOINT SEAL IN CONSTRUCTION JOINTS SHALL BE INSTALLED IN ONE CONTINUOUS PIECE ACROSS THE PAVEMENT. THE CONSTRUCTION JOINT SEALANT SHALL BE INTERRUPTED AT EVERY TRANSVERSE JOINT.
16. ALL WORK AND MATERIALS REQUIRED FOR JOINTS IS INCIDENTAL TO PAVEMENT PAVING ITEMS.
17. THE CONTRACTOR HAS THE OPTION TO POUR A MONOLITHIC SLAB IN WHICH ALL JOINTS WILL BE CONSTRUCTION JOINTS.



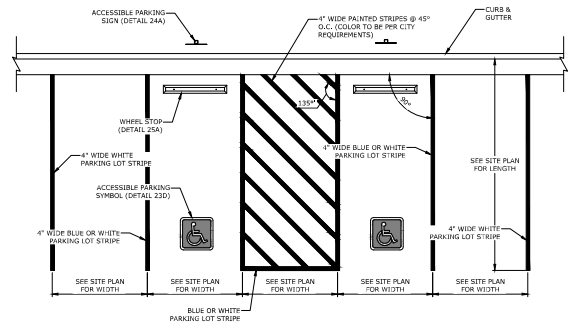
JOINT SPACING SCHEDULE			
PAVEMENT THICKNESS "D"	"W"	"D"	"L"
3" - 3.5"	4"	4"	12"
4" - 4.5"	4"	4"	14"
5" - 5.5"	4"	4"	16"
6" OR GREATER	4"	4"	18"

DOWEL SIZE SCHEDULE*			
PAVEMENT THICKNESS "D"	SIZE OF DOWEL "D"	DOWEL EMBEDMENT "L"	DOWEL LENGTH "L"
3" - 3.5"	3/8"	5"	12"
4" - 4.5"	3/8"	6"	14"
5" - 5.5"	3/8"	7"	16"
6" OR GREATER	3/8"	7"	16"

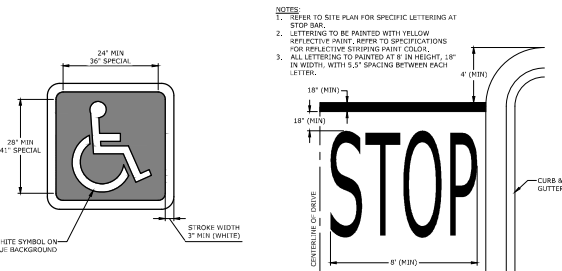
*DOWELS TO BE SPACED AT 18" O.C. UNLESS OTHERWISE NOTED)
- NO REBAR IS USED



- NOTES**
1. REFER TO SITE PLAN FOR SPECIFIC LAYOUT OF STRIPING.
 2. ALL STRIPING MEASUREMENTS ARE TO CENTER OF STRIPE.



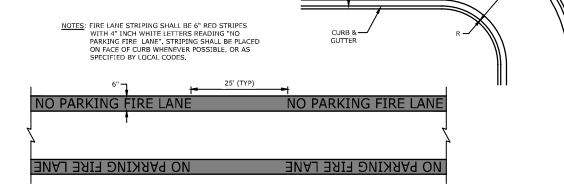
21H CONCRETE PAVEMENT DOWEL & JOINTING



23D ACCESSIBLE PARKING SYMBOL

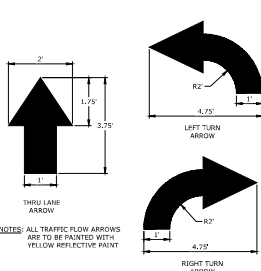
23E STOP BAR

- NOTES**
1. REFER TO SITE PLAN FOR SPECIFIC LETTERING AT STOP BAR.
 2. LETTERING TO BE PAINTED WITH YELLOW REFLECTIVE PAINT. REFER TO SPECIFICATIONS FOR REFLECTIVE STRIPING PAINT COLOR.
 3. ALL LETTERING TO BE PAINTED AT 8" IN HEIGHT, 18" IN WIDTH, WITH 5/8" SPACING BETWEEN EACH LETTER.



23F FIRE LANE STRIPING

23A 90° PARKING / ADA ACCESSIBLE PARKING SPACE STRIPING



23M TRAFFIC FLOW ARROW PAVEMENT MARKING

REV	DATE	DESCRIPTION

DETAIL SHEET II

DESIGNED BY	DRAWN BY
JPS	JPB
DATE	REVISION
4/2/2021	DESIGN
SCALE	JOB NUMBER
AS NOTED	21-2101