PROPOSED CONCRETE

PROPOSED PAVEMENT SECTION 1

PROPOSED GRAVEL

EXISTING WATER VALVE

EXISTING SANITARY SEWER MANHOLE

EXISTING LIGHT POLE

FOUND RIGHT-OF-WAY MONUMENT AS NOTED

SHEET INDEX

DETAILS

CONTROL

COVER SHEET

NOTES & QUANTITIES

GRADING AND DRAINAGE

SHEET 1

SHEET 2

SHEET 3

SHEET 5

SET 1/2" REBAR WITH CAP MARKED "CONTROL POINT"

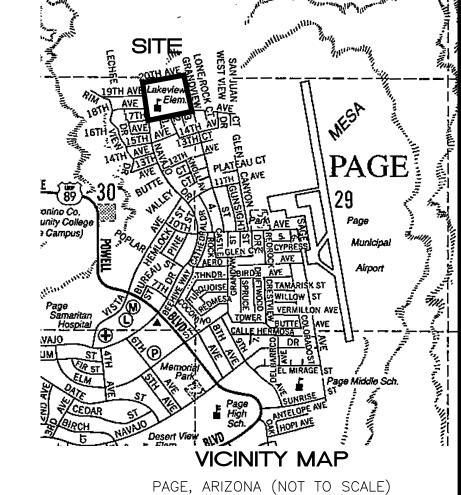
PROPOSED BUS LANE

CONTROL POINTS									
NO.	NORTHING	EASTING	ELEVATION	DESRIPTION					
201	2158565.02	633685.95	4199.20	SET 1/2" REBAR WITH "CONTROL POINT" CAP					
800	2159059.77	634119.26	4207.48	FOUND 3" BRASS CAP					
801	2158855.72	633307.53	4184.02	FOUND BRASS ROD IN HAND HOLE					

BUS LANE IMPROVEMENTS

LAKE VIEW ELEMENTARY SCHOOL

PORTION OF SECTION 30, TOWNSHIP 41 NORTH, RANGE 9 EAST, GILA AND SALT RIVER MERIDIAN, CITY OF PAGE, COCONINO COUNTY, ARIZONA



CITY OF PAGE APPROVAL

CITY ENGINEER	DATE
---------------	------

PUBLIC WORKS DIRECTOR

UTILITY ACKNOWLEDGEMENT

PAGE UTILITY ENTERPRISES

CENTURYLINK

PAGE UNIFIED SCHOOL DISTRICT APPROVAL

PUSD

SCALE: 1" = 50' CONTOUR INTERVAL: 1'

CP# 800

CONCEPT APPROVAL
THE CITY OF PAGE APPROVES THESE PLANS FOR CONCEPT ONLY. THE CITY SHALL NOT BE LIABLE FOR ERRORS OR OMISSIONS OF THE DESIGN ENGINEER.

AUTHORIZATION TO CONSTRUCT

THE SIGNATURES ABOVE ARE REQUIRED BEFORE THE CONTRACTOR CAN COMMENCE. UNSIGNED, THESE PLANS HAVE NOT BEEN COMPLETED WITH RESPECT TO AGENCY REVIEW AND APPROVAL.





WOODSON ENGINEERING & SURVEYING 124 N ELDEN ST, FLAGSTAFF, AZ 86001

(928) 774-4636 | WWW.WOODSONENG.COM

-CP# 201

LAKEVIEW

ELEMENTARY

<u>OWNER</u> PAGE UNIFIED SCHOOL DISTRICT 500 S. NAVAJO DRIVE PAGE, AZ 86040 (928) 608-4100

ENGINEER WOODSON ENGINEERING & SURVEYING, INC. 124 N. ELDEN ST. FLAGSTAFF, AZ 86001 (928) 774-4636



SHEET 1 OF 5

 \sim

90

APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS FOR A ONE-YEAR PERIOD, SUBSEQUENT TO THE DATE OF APPROVAL. IF CONSTRUCTION WORK IS NOT STARTED WITHIN THE ONE-YEAR PERIOD, OR HAS BEEN DISCONTINUED FOR ANY REASON FOR LONGER THAN ONE YEAR, THE PLANS SHALL BE RESUBMITTED FOR REVIEW AND RE-APPROVAL.

THIS REVIEW IS NOT INTENDED TO ASSURE ACCURACY OF ALL PLAN DETAILS OR ASSUME DESIGN RESPONSIBILITIES FROM THE DESIGNING ENGINEER. APPROVAL OF THE PLANS BY THE CITY ENGINEER DOES NOT IMPLY THAT THE CITY IS RESPONSIBLE FOR THE CORRECTNESS OR COMPLETENESS OF THE PLANS OR MATERIAL QUANTITIES SHOWN.

MATERIALS AND WORKMANSHIP

ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH "MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (MAG SPECS) AND "MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" (MAG DETAILS), AND WITH GENERALLY ACCEPTED GOOD CONSTRUCTION PRACTICE.

THE CITY ENGINEER MAY REQUIRE THE SUBMITTAL OF A "CERTIFICATE OF COMPLIANCE" AND/OR "MANUFACTURER'S GUIDELINES" FOR ANY MATERIALS USED IN THE WORK. MANUFACTURER'S GUIDELINES SHALL BE WRITTEN INSTRUCTIONS FOR SHIPPING, HANDLING, UNLOADING, CUTTING, JOINING, INSTALLATION, STORAGE, AND/OR ANY OTHER FACETS OF WORKING.

SHOP DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR PER MAG SECTION 105.2.

THE CITY ENGINEER MAY ORDER ANY MATERIALS USED IN THE WORK TO BE TESTED ACCORDING TO AASHTO AND ASTM STANDARDS. THE CONTRACTOR SHALL, AT HIS EXPENSE, SUPPLY CERTIFICATES OR RESULTS OF TESTING.

<u>ALTERNATE MANUFACTURER AND MODEL</u>

THE CONTRACTOR MAY SUBMIT CAREFULLY DOCUMENTED AND CONSIDERED WRITTEN PROPOSALS FOR ALTERNATE MATERIALS AND CONSTRUCTION METHODS. THOSE PROPOSALS THAT ARE FOUND TO BE IN CONFORMITY WITH GOOD ENGINEERING DESIGN AND CAN BE EASILY MAINTAINED BY CITY FORCES MAY BE GIVEN WRITTEN APPROVAL FOR INCORPORATION IN THE CONSTRUCTION PLANS IF THEY ARE FOUND TO BE IN THE PUBLIC INTEREST.

UNAUTHORIZED WORK

ANY WORK PERFORMED WITHOUT THE KNOWLEDGE AND APPROVAL OF THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE, IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

QUALIFICATIONS OF CONTRACTOR

ALL IMPROVEMENTS SHALL BE CONSTRUCTED BY CONTRACTORS LICENSED BY THE ARIZONA STATE REGISTRAR OF CONTRACTORS, WITH A CLASS OF LICENSE(S) FOR THE SPECIFIC WORK BEING PERFORMED.

AN INSPECTION OF PUBLIC IMPROVEMENT AND ENGINEERING CONSTRUCTION WILL BE CONDUCTED BY THE CITY. SPECIAL INSPECTION AND TESTING SERVICES SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE, AS REQUIRED BY THE CITY ENGINEER.

THE CITY SHALL BE NOTIFIED 24 HOURS PRIOR TO BEGINNING DIFFERENT PHASES OF CONSTRUCTION SO THAT CITY INSPECTORS MAY BE SCHEDULED

FINAL ACCEPTANCE

FINAL ACCEPTANCE OF THE CONSTRUCTION, BY THE CITY ENGINEER, IS REQUIRED BEFORE RELEASING A PERMIT AND/OR TRANSFERRING OWNERSHIP OF THE IMPROVEMENTS TO THE

APPROVAL OF A PORTION OF THE WORK IN PROGRESS DOES NOT GUARANTEE ITS FINAL ACCEPTANCE. TESTING AND EVALUATION MAY CONTINUE UNTIL WRITTEN FINAL ACCEPTANCE OF A COMPLETE WORKABLE UNIT. ACCEPTANCE OF COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL DEFECTIVE OR UNAUTHORIZED WORK IS REMOVED, AND FINAL CLEAN—UP IS

WARRANT

COMPLETE.

ANY DEFECTS WHICH APPEAR IN THE WORK WITHIN ONE YEAR FROM THE DATE OF ACCEPTANCE AND WHICH ARE DUE TO IMPROPER WORKMANSHIP OR INFERIOR MATERIALS SUPPLIED SHALL BE CORRECTED BY OR AT THE EXPENSE OF THE CONTRACTOR.

SUSPENSION OF WORK

THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE MAY SUSPEND THE WORK BY WRITTEN NOTICE WHEN, IN HIS JUDGMENT, PROGRESS IS UNSATISFACTORY, WORK BEING DONE IS UNAUTHORIZED OR DEFECTIVE, WEATHER CONDITIONS ARE UNSUITABLE, OR THERE IS DANGER TO THE PUBLIC HEALTH OR SAFETY.

MAINTENANCE OF FACILITIES AND WORK

APPROVED ALL WEATHER VEHICLE ACCESS, FIRE HYDRANTS AND WATER MAINS SHALL BE IN PLACE AND APPROVED BEFORE AND AT ALL TIMES DURING CONSTRUCTION OF ON-SITE COMBUSTIBLE CONSTRUCTION. FIRE DEPARTMENT AND ENGINEERING DIVISION APPROVAL IS REQUIRED FOR OBSTRUCTION OF FIRE ACCESS OR WATER SYSTEM SHUTDOWN.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STREETS AND OF PARTIALLY COMPLETED PORTIONS OF THE WORK UNTIL FINAL ACCEPTANCE OF THE WORK.

UTILITIES MUST BE LOCATED TO MINIMIZE INTERFERENCE WITH ONE ANOTHER, TO PROVIDE REQUIRED HORIZONTAL AND VERTICAL SEPARATIONS. AND TO PROVIDE MAINTENANCE ACCESS WITHOUT VIOLATING EASEMENT BOUNDARIES.

BLUE STAKE

LOCATION OF UNDERGROUND UTILITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ARS 40-360.22 PRIOR TO ANY EXCAVATION.

BLUE STAKE SHALL BE CALLED AT 811 FOR ACCURATE LOCATION OF UTILITIES AS NECESSARY AND PRIOR TO ANY EXCAVATION.

<u>COOPERATION WITH UTILITIES</u>

A UTILITY COORDINATION MEETING SHALL BE COORDINATED BY THE CONTRACTOR PRIOR TO THE START OF ANY WORK. ALL UTILITY ISSUES SHALL BE ADDRESSED IN ACCORDANCE WITH MAG SECTION 105.6.

STREET CLOSURE

STREETS CLOSED BECAUSE OF CONSTRUCTION, BRIDGE WASHOUTS, BOUNDARY OR HALF STREETS, OR OTHER LIKE CIRCUMSTANCES, SHALL HAVE BARRICADES AND/OR HAZARD SIGNS AS REQUIRED BY THE CITY ENGINEER.

ANY STREETS REQUIRED TO BE CLOSED FOR THE CONSTRUCTION ACTIVITY SHALL BE REOPENED WITHIN A REASONABLE TIME OR UPON ORDER OF THE CITY ENGINEER. THE REGULATION AND CONTROL OF THIS TRAFFIC SHALL BE AS DIRECTED BY THE CITY ENGINEER OR HIS AUTHORIZED

CONSTRUCTION STAKING

THE ACCURACY OF ALL CONSTRUCTION WORK SHALL BE MAINTAINED AND VERIFIED BY THE CONTRACTOR'S SURVEYOR AT BE RELIEVED OF RESPONSIBILITY FOR MAKING COMPLETE AND THE CONTRACTOR'S EXPENSE BY PROVIDING CONSTRUCTION STAKING SUITABLE TO THE CITY ENGINEER. STAKES WILL BE SET ESTABLISHING LINES AND GRADES (FINISH OR FLOWLINE) FOR ALL CONSTRUCTION INCLUDING ROADS, CURB AND GUTTER SIDEWALKS, UTILITIES, STRUCTURES, AND OTHER WORK AS CONSIDERED NECESSARY BY THE CITY ENGINEER. ALL SURVEY CONTROL SHALL BE SET BY THE CONTRACTOR'S SURVEYOR FROM MONUMENTS ACCEPTABLE TO THE CITY ENGINEER.

<u>AS-BUILT PLANS</u>

PRIOR TO APPROVAL OF AN IMPROVEMENT PROJECT, AN "AS-BUILT" PLAN MUST BE SUBMITTED TO THE CITY ENGINEER. THE AS-BUILT PLAN SHALL INDICATE THE ACTUAL LOCATION OF WATER MAINS, SEWER MAINS, UNDERGROUND DRAINAGE STRUCTURES, ALL SEWER AND WATER SERVICES, ALL FITTINGS, VALVES, AND MANHOLES RELATIVE TO RIGHT-OF-WAY BOUNDARIES, LOT LINES, OR OTHER POINTS OF SURVEY.

AN ARIZONA LICENSED ENGINEER SHALL PLACE ALL INFORMATION ON MYLAR REPRODUCIBLE CONSTRUCTION PLANS. THE AS-BUILT REPRODUCIBLE PLANS WILL THEN BE PLACED IN CITY RECORDS. APPROPRIATE SUBMITTALS SHALL BE MADE AS REQUIRED TO ALL AGENCIES BY THE DEVELOPER

PERMITS AND APPROVALS

A PUBLIC WORKS/ENGINEERING CONSTRUCTION PERMIT, ISSUED BY THE CITY, IS REQUIRED FOR 1) ALL WORK IN CITY RIGHTS-OF-WAY OR EASEMENTS INCLUDING CONSTRUCTION OF ANY IMPROVEMENTS INTENDED TO BECOME PUBLIC PROPERTY, 2) ANY EXCAVATION OR GRADING (INCLUDING PLACEMENT OF FILL) IN ACCORDANCE WITH CHAPTER 70 OF THE UNIFORM BUILDING CODE, AND 3) CONSTRUCTION OR DEVELOPMENT BEGINS WITHIN ANY ARÉA OF SPECIAL FLOOD HAZARD IN ACCORDANCE WITH THE CITY FLOOD PLAIN REGULATIONS.

REQUEST TO OBSTRUCT TRAFFIC

THE CITY POLICE DEPARTMENT AND PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED FOR APPROVAL TO OBSTRUCT ANY STREET OR ALLEY. NOTICE SHALL BE GIVEN IN WRITING AT LEAST 24 HOURS PRIOR TO THE REQUESTED CLOSURE.

PAVING NOTES (PAVING PLANS)

REMOVAL OF EXISTING IMPROVEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH MAG SECTION 350. EXACT POINT OF MATCHING TERMINATION AND OVERLAY, IF NECESSARY, SHALL BE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE DETERMINED IN THE FIELD BY THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF ALL FRAMES, COVERS. AND VALVE BOXES PER MAG SECTION 345 AS NECESSARY FOR A COMPLETE JOB, OR AS DESIGNATED BY THE CITY ENGINEER.

NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UTILITY LINES ARE COMPLETED UNDER PROPOSED PAVING

BASE COURSE WILL NOT BE PLACED UNTIL SUBGRADE HAS BEEN APPROVED BY THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. NO PAVEMENT SHALL BE PLACED UNTIL BASE CONSTRUCTION IS APPROVED. NO JOB WILL BE CONSIDERED COMPLETED UNTIL ALL CURBS, PAVEMENTS AND SIDEWALKS HAVE BEEN SWEPT CLEAN OF ALL DIRT AND DEBRIS AND SURVEY MONUMENTS ARE INSTALLED. THE LOCATION OF ALL WATER VALVES, FIRE HYDRANTS, AND MANHOLES MUST AT ALL TIMES DURING CONSTRUCTION BE REFERENCED AND MADE ACCESSIBLE TO THE CITY. EXISTING STREET AND TRAFFIC SIGNS WILL BE MAINTAINED DURING CONSTRUCTION AND RELOCATED BY THE DEVELOPER AS DIRECTED BY THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. ALL STORM SEWERS SHALL BE CONSTRUCTED PER MAG SECTION 760. CURB AND GUTTER SHALL BE CONSTRUCTED PER MAG SECTION 340.

WOODSON ENGINEERING GENERAL NOTES

DRAINAGE MAINTENANCE DURING CONSTRUCTION

PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND

THE TIME REQUIRED TO MAKE SUCH REPAIRS.

PROPERTY OWNER.

EROSION PROTECTON

ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL

MEASURES, BEST MANAGEMENT PRACTICES, AND-OR OTHER

BY THE CONTRACTOR'S OR PROPERTY OWNER'S FAILURE TO

EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA

SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR

NO EXTENSION OF TIME SHALL BE GRANTED ON ACCOUNT OF

CONSTRUCTION DRAINS SHALL BE PROVIDED AS NEEDED TO

RAPIDLY AND WITHOUT DAMAGING THE WORK IN PROGRESS.

THE CONTRACTOR IS RESPONSIBLE FOR STABILIZATION OF SOILS

AND PREVENTION OF EROSION DURING CONSTRUCTION. WHERE

PLANTS, EROSION PROTECTION SHALL REMAIN IN PLACE UNTIL

UNDERGROUND UTILITY LOCATIONS SHOWN ON THESE PLANS

WERE DETERMINED FROM FIELD MEASUREMENTS, CONSTRUCTION

OTHERS. LOCATIONS OF UNDERGROUND UTILITIES ARE TO BE

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH IN THE

CONFLICT WHICH MAY ARISE DURING THE CONSTRUCTION PHASE

UTILITY RELOCATIONS OR ADJUSTMENTS NOTED ON THE

THE PLANS SHALL BE ADDRESSED ON A CASE BY CASE BASIS.

THE ENGINEER SHALL DETERMINE WHAT WORK IS REQUIRED TO

PRODUCE THE DESIRED FINAL PRODUCT. IF A UNIT BID PRICE

DOES NOT EXIST THEN COMPENSATION MUTUALLY ACCEPTABLE

TO THE OWNER. CONTRACTOR. AND ENGINEER SHALL BE MADE.

IN EITHER SITUATION, WORK ON THE SPECIFIC CASE SHALL NOT

PROCEED UNTIL THE AMOUNT OF COMPENSATION IS AGREED

COMPENSATION FOR UTILITY RELOCATIONS AND ADJUSTMENTS

SHALL NOT INCLUDE COSTS FOR REPAIR TO THE UTILITY

THE WORK.

DAMAGED BY THE CONTRACTOR OR HIS SUBCONTRACTOR(S

AT LEAST 48 HOURS PRIOR NOTICE IS REQUIRED BEFORE

THE CONTRACTOR IS NOT RELIEVED OF THE RESPONSIBILITY

FOR DETERMINING THE LOCATION OF ALL UTILITIES AFFECTING

DISRUPTING EXISTING UTILITY SERVICE TO MAKE CONNECTIONS

OR DISCONNECTIONS. THE NOTICE MUST INCLUDE THE EXACT

TIME OF THE DISRUPTION OF SERVICE AND THE EXPECTED

CERTAIN UTILITIES ARE TO REMAIN IN SERVICE DURING THE

WITHIN THE PROJECT LIMITS WILL BE ADJUSTED TO GRADE.

CONSTRUCTION OF THE PROJECT AND UPON COMPLETION OF

THE CONTRACT. THESE UTILITIES SHALL BE PROTECTED DURING

MANHOLES, WATER VALVES, AND SURVEY MONUMENTS

ADJUSTMENTS WILL BE PAID AS ONE LUMP SUM PER PROJECT.

ALL PAVEMENT STRIPING SHALL CONFORM TO THE APPLICABLE

AND TREATED FOR REFLECTIVITY. ALL STRIPING SHALL BE IN

REMOVALS NECESSITATED BY THE WORK AS IT PROGRESSES

AND NOT SPECIFICALLY CALLED OUT ON THE PLANS WILL BE

SHALL BE WHITE OR YELLOW PAINT, AS NOTED ON THE PLANS,

ADOT SPECIFICATIONS FOR PAINT. ALL PAVEMENT STRIPING

CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC

MISCELLANEOUS REMOVALS AND OTHER WORK

THE CONSTRUCTION AND CUT OR FILL PLACEMENT SHALL NOT

DURATION OF THE LOSS OF SERVICE - MAX 2 HOURS.

PROHIBIT MAINTENANCE ACCESS TO THESE UTILITIES.

GENERAL STRIPING NOTES

CONTROL DEVICES, LATEST EDITION.

CONSIDERED INCIDENTAL WORK.

2) UTILITY RELOCATIONS OR ADJUSTMENTS NOT NOTED ON

OF THE PROJECT. BUT IT IS THE INTENT OF THE OWNER TO

REASONABLY COMPENSATE THE CONTRACTOR FOR THE WORK

REQUIRED TO RELOCATE OR ADJUST UTILITIES CONFLICTING

WITH THE CONSTRUCTION OF THE PROJECT. TO THAT END,

FIELD THE ACTUAL LOCATIONS OF ALL UNDERGROUND LINES

IT IS NOT WITHIN THE SCOPE OF THE PLANS FOR THE

UTILITIES (AS DEFINED IN MAG 101.2) WHICH ARE

PLANS SHALL BE PAID FOR PER THE BID SCHEDULE.

ENCOUNTERED WILL BE ADDRESSED AS FOLLOWS:

SLOPE STABILIZATION REQUIRES THE ESTABLISHMENT OF

PLANTS ARE ESTABLISHED TO THE SATISFACTION OF THE

PLANS, RECORD PLANS OR UTILITY MAPS FURNISHED BY

FURTHER PROMOTE GOOD DRAINAGE OF THE SITE, DRAINAGE

CHANNELS, CULVERTS, AND STRUCTURES, SHALL BE

FLOW OF WATER FROM THE CONSTRUCTION AREA.

OWNER AND THE APPROVING AGENCY.

REGARDED AS APPROXIMATE ONLY.

WHICH MAY IN ANY WAY AFFECT THE WORK.

ENABLE WATER TO DRAIN FROM THE CONSTRUCTION AREA

THE WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION(S) OF THE FOLLOWING SPECIFICATIONS AND THESE PLANS: PAGE CITY CODE, MAG UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, MAG UNIFORM STANDARD DETAILS FOR PUBLIC WORKS <u>CONSTRUCTION, ADHS (ADEQ) ENGINEERING BULLETINS NO. 8</u> AND 10 (WATER SYSTEMS), ADHS (ADEQ) ENGINEERING BULLETINS NO. 11 AND 12 (SEWAGE WORKS), AWWA <u>STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES</u> (MUTCD), AND ADOT STANDARD SPECIFICATIONS AND DRAWINGS

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF THE ABOVE STANDARDS, SPECIFICATIONS, AND DETAILS, AS WELL AS ALL OTHER STANDARDS AND SPECIFICATIONS WHICH MAY BE NECESSARY TO COMPLETELY AND ACCURATELY INTERPRET THESE PLANS.

ALL QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THEY DO NOT NECESSARILY CORRESPOND TO BID SCHEDULE ITEMS. PAYMENT CONSTRUCTED FROM DOWNSTREAM TO UPSTREAM IN SUCH A WILL BE BASED ON BID SCHEDULE ITEMS FOR THE ENTIRE JOB WAY THAT, DURING CONSTRUCTION, THEY DO NOT IMPEDE THE AS SHOWN OR IMPLIED BY THESE PLANS. THE QUANTITIES SHOWN ON THE BID SCHEDULE WILL BE THE MEASUREMENT USED FOR PAYMENT, FIELD MEASUREMENT WILL NOT BE CONDUCTED.

THE LOCATION OF EXISTING FEATURES INDICATED ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL NOT ACCURATE ON-SITE DETERMINATIONS OF THE LOCATIONS OF ALL UTILITIES, STRUCTURES AND FIELD CONDITIONS, WHICH MAY AFFECT THE PROGRESS OF THE WORK.

THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHAT PERMITS WILL BE REQUIRED FOR THE WORK AND OBTAINING AT HIS OWN EXPENSE ALL PERMITS REQUIRED UNLESS STATED OTHERWISE IN THE CONTRACT.

CERTIFICATION OF PRIVATE/NON-BUILDING STRUCTURES MAY BE REQUIRED BY THE CITY OF PAGE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY REQUIRED CERTIFICATIONS.

ALL ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ENGINEER TO LOCATE, IDENTIFY OR FORESEE EVERY UTILITY ELEVATIONS (EXCEPT AS NOTED).

THE REGISTRANT'S DUTY TO SEAL PROFESSIONAL DOCUMENTS DOES NOT EXTEND TO STANDARD DETAILS OR SPECIFICATIONS THAT HAVE BEEN OFFICIALLY ADOPTED AND PROVIDED BY THE AGENCY THAT HAS JURISDICTION OVER THIS PROJECT. THE STANDARD DETAILS AND SPECIFICATIONS SHOWN WITH THESE DOCUMENTS ARE INCLUDED TO PROVIDE CLEAR AND COMPLETE INFORMATION AND WERE NOT PREPARED BY THE REGISTRANT.

NEITHER THE PROFESSIONAL ACTIVITIES OF THE DESIGN PROFESSIONAL, NOR THE PRESENCE OF THE DESIGN PROFESSIONAL OR HIS OR HER EMPLOYEES AND SUB CONSULTANTS AT A CONSTRUCTION SITE, SHALL RELIEVE THE GENERAL CONTRACTOR AND ANY OTHER ENTITY OF THEIR OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. THE DESIGN PROFESSIONAL AND HIS OR HER PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS. THE CLIENT AGREES THAT THE SAFETY, AND WARRANTS THAT THIS INTENT SHALL BE MADE EVIDENT IN THE CLIENT'S AGREEMENT WITH THE GENERAL CONTRACTOR. THE CLIENT ALSO AGREES THAT THE CLIENT, THE DESIGN PROFESSIONAL AND THE DESIGN PROFESSIONAL'S CONSULTANTS SHALL BE INDEMNIFIED AND SHALL BE MADE ADDITIONAL INSUREDS UNDER THE GENERAL CONTRACTOR'S GENERAL LIABILITY INSURANCE POLICY.

RIGHT-OF-WAY AND TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ANY NECESSARY TRAFFIC CONTROL DEVICES REQUIRED FOR THE CONTROL OF VEHICLE AND PEDESTRIAN TRAFFIC AFFECTED BY THE CONSTRUCTION ALL TRAFFIC CONTROL PLANS MUST BE APPROVED BY THE OWNER OR HIS REPRESENTATIVE PRIOR TO IMPLEMENTATION.

CONSTRUCTION STAKES, LINES AND GRADES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETAINING A REGISTERED LAND SURVEYOR, LICENSED TO PRACTICE IN ARIZONA WHO SHALL BE RESPONSIBLE FOR PROVIDING ALL STAKES NECESSARY TO ESTABLISH CONSTRUCTION LINES AND GRADES. STAKES PROVIDED SHALL BE OF SUFFICIENT NUMBER TO SATISFY THE ENGINEER THAT THE WORK MAY BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. ALL COSTS ASSOCIATED WITH STAKING ARE TO BE BORNE BY THE CONTRACTOR. NO ADDITIONAL PAYMENT TO THE CONTRACTOR FOR EXTRA STAKES OR FOR RE-STAKING WILL BE ALLOWED.

WATER SUPPLY

THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND PROVIDE ALL NECESSARY WATER FOR HIS CONSTRUCTION OPERATION AT HIS OWN EXPENSE.

<u>CLEANUP AND DUST CONTROL</u>

35248

JOHN T

THROUGHOUT ALL PHASES OF THE CONSTRUCTION THE CONTRACTOR SHALL KEEP THE WORK AREA, ADJACENT PROPERTIES AND STREETS CLEAN AND FREE FROM RUBBISH, EXCESS MATERIALS, DUST AND DEBRIS GENERATED BY THE CONSTRUCTION ACTIVITY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) NOTE

THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REGULATES STORM WATER DISCHARGES FROM CONSTRUCTION SITES UNDER THE NATIONAL STORM WATER PROGRAM. THE PROJECT OWNER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGES TO AND THE CONSTRUCTION CONTRACTOR SHARE RESPONSIBILITY AND LIABILITY UNDER THIS PROGRAM. ACTIVITIES COVERED ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED UNDER THIS PROGRAM INCLUDE CLEARING, GRADING, AND EXCAVATION. UNDER NPDES THE CONTRACTOR MUST PREVENT POLLUTANTS FROM THE SITE FROM ENTERING WATERS OF THE

> IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL EROSION AND RUNOFF FROM A CONSTRUCTION SITE. DURING CONSTRUCTION, BOTH THE OWNER AND THE CONTRACTOR MUST CERTIFY THAT ALL WORK PERFORMED IS PER NPDES REGULATIONS. ALL WORK DESCRIBED ABOVE MUST BE PERFORMED IN ACCORDANCE WITH NPDES AND THE NATIONAL STORM WATER PROGRAM REGULATIONS.

APPROXIMATE QUANTITIES PUBLIC IMPROVEMENTS

9

 ∞

り

0

7

0

ITEM	BASE BID	QUANTITY	
Traffic Control		1	LS
Clear & Grub		1	LS
	xisting Curb and Gutter	75	LF
Sawcut & Remove E	•	302	SF
Remove Existing Sto	•		LF
Remove Existing Iron	•	96	LF
Remove Existing Irrig		1	LS
Install Type 'A' Catch	•	1	EΑ
A.C. Pavement (3" A	•	1,196	SY
•	Curb & Gutter, MAG 220	575	
6" (Type 'A') Single C	•	450	LF
Concrete Sidewalk 4		4,248	SF
Concrete Sidewalk 9	,	193	
Sidewalk Ramp	,	109	SF
Valley Gutter, MAG 2	240	129	SF
Iron Fence		532	LF
6' Iron Gate		2	EΑ
Install Sign		4	EΑ
Install Irrigation Syste	em	1	LS
Install 3/4" Minus Gra		61	CY
Reseed Grass		1	LS
Gravel Bags		1	LS

THE QUANTITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY ESTIMATING THE CONTRACT QUANTITIES. BY SUBMITTING HIS BID, THE CONTRACTOR REPRESENTS THAT THE TOTAL CONTRACT SUM IS ADEQUATE COMPENSATION FOR COMPLETING THE ENTIRE PROJECT AS SHOWN ON THE PLANS.

A guide to getting underground REVISIONS: facilities located before you dig Know what's below. Call before you dig. Call 811 or visit www.Arizona811.com FN:02 Notes



WOODSON **ENGINEERING & SURVEYING** (928) 774-4636 | WWW.WOODSONENG.COM

LAKEVIEW ELEMENTARY SCHOOL 124 N ELDEN ST, FLAGSTAFF, AZ 86001 PAGE UNIFIED SCHOOL DISTRIC

NOTES

HOR SCALE: VARIES VERT SCALE: NA DATE: 2/15/19 PROJECT NO.: 118661 AGENCY NO .: SHEET NO.: 2 OF 5

