

LAND USE PRE-APPLICATION CONFERENCE Thursday, May 17, 2018

City Hall 22500 Salamo Road

Willamette Conference Room

10:00 am Proposed new front entry door and associated sidewalk

Applicant: Tim Woodley, West Linn/Wilsonville School District

Subject Property Address: 5464 West A Street

Neighborhood Assn: Bolton

Planner: Jennifer Arnold Project #: PA-18-13



PRE-APPLICATION CONFERENCE

	THIS SECT	TION FOR STAFF	COMPLETION
	17-18	TIME: 10:00	PROJECT #: PA - 18 - 6-13
STAFF CONTACT:	unifer Avnola	1	FEE: 350 -
be scheduled for application fee, a the conference d Address of Subject	a conference, this found accompanying mate. Twenty-four how Property (or map/tax	orm including pro aterials must be s our notice is requ lot): 5464 West	rd Thursdays of each month. In order to perty owner's signature, the presubmitted at least 15 days in advance of ired to reschedule. A Street, West Linn, OR 97068 associated sidewalk at West Linn High School.
Applicant's Name:	Tim Woodley: West L	inn - Wilsonville S	chool District
Mailing Address:	2755 SW Borland	d Road, Tualatin, Ol	R 97062
Phone No:	(503) 799-6891	Email Addres	s: douglasr@wlwv.k12.or.us
to 11 x 17 inches North arrow Scale Property diment Streets abuttin Conceptual lay building ele	in size depicting the nsions g the property out, design and/or	Following items: Access to Location tree sur Location recomm	to and from the site, if applicable n of existing trees, highly recommend a
Please list any que	stions or issues that vo	u may have for city	y staff regarding your proposal:
ricase list ally que	stions of issues that yo	ou may have for city	APR 2 3 0018
Property owner's s	re-application confe	rence.	onto the subject property in order to 4.23.18 Date Detetions Terent from above)

WEST LINN HIGH SCHOOL - Small Projects 2018 Project No. 3 Main Entrance Security Revisions

West Linn - Wilsonville School District 5464 West A Street West Linn, Oregon 97068

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architectural

DEMOLITION PLAN, PARTIAL FLOOR PLAN, SECURITY PLAN EXTERIOR ELEVATIONS, INTERIOR ELEVATIONS, DETAILS

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A10.05

CIVIL PLANS AND DETAILS

SPECIFICATIONS

structural

S2.01 PLANS AND DETAILS

SYMBOLS, LEGENDS AND ABBREVIATIONS - ELECTRICAL

SPECIFICATIONS - ELECTRICAL OVERALL PLAN - ELECTRICAL

T1.01 FLOOR PLAN - TECHNOLOGY

PROJECT INFORMATION

5464 WEST A STREET, WEST LINN, OREGON

WEST LINN / WILSONVILLE SCHOOL DISTRICT

INSTALL NEW VISITOR ENTRY WITH RAMP

STOREFRONT AND ENTRY DOORS REPLACE EXISTING HOLLOW METAL GLAZING AT RECEPTION AND INSTALL NEW

2014 OREGON STRUCTURAL SPECIALTY CODE WITH CODE REFERENCE:

SOLIARE FOOTAGE OF ROOM G101 BEFORE REMODEL:

SQUARE FOOTAGE

283 S.F.

OF ROOM G101 AFTER REMODEL

Portland, OR 97204-2426 t: (503) 226 2921 f: (503)226 2

West Linn - Wilsonville Sci 22210 SW Stafford Road Tualatin, OR 97062

Dull Olson Weekes / IBI Gr 907 SW Stark Street Portland, Oregon 97205 t: (503) 226 6950 f: (503) 273 9192

civil engineer

KPFF Consulting Engineers 111 SW 5th Avenue, Suite 2500 Portland, OR 97204 t: (503) 227 3251 f: (503) 227 7980

structural engineer KPFF Consulting Engineers 111 SW 5th Avenue, Suite 2500

electrical engineer PAE Consulting Engineers 808 SW 3rd Avenue

engineer Interface Engineering 708 SW 3rd Avenue, Suite 400

Portland, OR 97204 t: (503) 382-2266 f: (503)382-2262

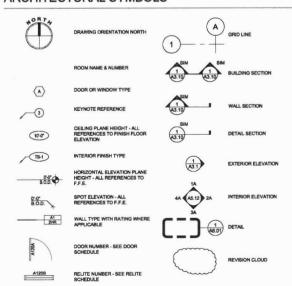


EXISTING PARTIAL EXTERIOR ELEVATION

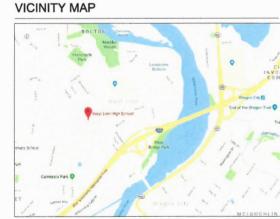
ARCHITECTURAL ABBREVIATIONS

717	CHILCIOIA	ער אט	DIVENIATION						
8.	AND	(E) EA	EXISTING	INSUL	INSULATION	R	RADIUS	W/	WITH
AB	ANCHOR BOLT	EA	EACH	INT	INTERIOR	RD	ROOF DRAIN	W/O	WITHOUT
ACT	ACOUSTICAL CEILING TILE	EF	EXHAUST FAN			REF	REFERENCE	WC	WATER CLOSET
ADD	ADDENDUM	EJ	EXPANSION JOINT	JAN	JANITOR	REFR	REFRIGERATOR	WD	WOOD
AESS	ARCHITECTURAL EXPOSED	EL	ELEVATION	JT	JOINT	REQT	REQUIRED	WF	WIDE FLANGE
	STRUCTURAL STEEL	ELEC	ELECTRICAL	JST	JOIST	REV	REVISE OR REVISION	WG	WIRE GLASS WATER HEATER
AFF	ABOVE FINISH FLOOR	EOS	EDGE OF SLAB			RM	ROOM ROUGH OPENING	WH	WATERPROOFING
ALS	AREA LIGHT STANDARD	ENGR	ENGINEER	L-	LENGTH	RO	REFLECTED CEILING PLAN	WRB	
ALUM	ALUMINUM ANODIZED	EP	ELECTRICAL PANEL EQUAL	LAV	LAVATORY LAG BOLT	RCP	REPLECTED CEILING PLAN	WT	WEIGHT
ANOD	ANOUIZED	FOUIP		LKR	LOCKER	SAM	SELF-ADHERED MEMBRANE	** 1	WEIGHT
BC	BOTTOM OF CURB	ES	EACH SIDE	LS	LANDSCAPING	SC	SOLID CORE		
BD	BOARD	EW	EACH WAY	LVR	LOUVER	SECT	SECTION		
BLDG	BUILDING	EXP	EXPANSION	FAM	LOUVER	SECT	SQUARE FOOT		
BLKG	BLOCKING	EXT	EXTERIOR	MATL	MATERIAL	SHTG	SHEATHING		
B.M.	BENCH MARK	EAI	EXTERIOR	MAX	MAXIMUM	SHWR	SHOWER		
BM.	BEAM	FA	FIRE ALARM	MECH	MECHANICAL.	SHT	SHEET		
BOT	BOTTOM	FBO	FURNISHED BY OTHERS	MED	MEDIUM	SIM	SIMILAR		
BTU	BRITISH THERMAL UNIT	FD	FLOOR DRAIN	MEZZ	MEZZANINE	SJ	SEISMIC JOINT		
BTWN	BETWEEN	FDN	FOUNDATION	MFR	MANUFACTURER	SM	SHEET METAL		
DITTIN	DETWEEN	FE	FIRE EXTINGUISHER	MH	MANHOLE	SPEC	SPECIFICATION		
C	CHANNEL	FEC	FIRE EXTINGUISHER CABINET	MIN	MINIMUM	SQ	SQUARE		
СВ	CATCH BASIN	FF	FINISH FLOOR	MIR	MIRROR	SS	STAINLESS STEEL		
CCTV	CLOSED CIRCUIT TV	FFE	FINISH FLOOR ELEVATION	MISC	MISCELLANEOUS	STD	STANDARD		
CG	CORNER GUARD	FIN	FINISH	MTD	MOUNTED	STL	STEEL		
ag	CEILING	FL	FLOOR	MTL	METAL	STOR	STORAGE		
CLR	CLEAR	FO	FACE OF		me i/e	STRUCT	STRUCTURAL		
CJ	CONTROL JOINT	FOC	FACE OF CONCRETE	(N)	NEW	SUSP	SUSPENDED		
CMU	CONCRETE MASONRY UNIT	FOF	FACE OF FINISH	NA	NOT APPLICABLE	000.	200. 222		
CONT	CONTINUOUS	FOM	FACE OF MASONRY	NIC	NOT IN CONTRACT	T/M	TO MATCH		
CORR	CORRIDOR	FOS	FACE OF STUD	NOM	NOMINAL	T	TEMPERED GLAZING		
CSJ	CONSTRUCTION JOINT	FRT	FIRE RETARDANT TREATED	NS	NELSON STUD	TC	TOP OF CURB		
CSMT	CASEMENT	FTG	FOOTING	NTS	NOT TO SCALE	TEL	TELEPHONE		
CT	CERAMIC TILE	FURR	FURRING			T&G	TONGUE AND GROOVE		
	CENTER			OA	OVERALL	THK	THICK		
ETR	CENTERLINE	GA	GAUGE	OC	ON CENTER	TJ	TOOL JOINT		
		GALV	GALVANIZED	O.D.	OVERFLOW DRAIN	TP	TOP OF PAVEMENT		
DBL	DOUBLE	GB	GRAB BAR	OD	OUTSIDE DIAMETER	TYP	TYPICAL		
DTL	DETAIL	GC	GENERAL CONTRACTOR	OFCI	OWNER FURNISHED	TOD	TOP OF (MATERIAL)		
DF	DRINKING FOUNTAIN	GL	GLASS		CONTRACTOR INSTALLED				
DIA	DIAMETER	GND	GROUND	OFOL	OWNER FURNISHED OWNER	UNFIN	UNFINISHED		
DIAG	DIAGONAL	GVP	GYPSUM VENEER PLASTER		INSTALLED	UNO	UNLESS NOTED OTHERWISE		
DIM	DIMENSION	GWB	GYPSUM WALL BOARD	OH	OVERHEAD				
DISP	DISPENSER			OPNG	OPENING	VB	VAPOR BARRIER		
DN	DOWN	HB	HOSE BIB	OPP	OPPOSITE	VERT	VERTICAL		
DP	DAMPROOFING	HC	HANDICAP	OS	OUTSIDE	VEST	VESTIBULE		
DR	DOOR	HDWR				VFY	VERIFY		
DS	DOWN SPOUT	HM	HOLLOW METAL	PIP	POURED IN PLACE				
DT	DRAIN TILE	HPC	HIGH PERFORMANCE COATING	PL	PROPERTY LINE				
DWG	DRAWING	HW	HOT WATER	PLAS	PLASTER				

ARCHITECTURAL SYMBOLS



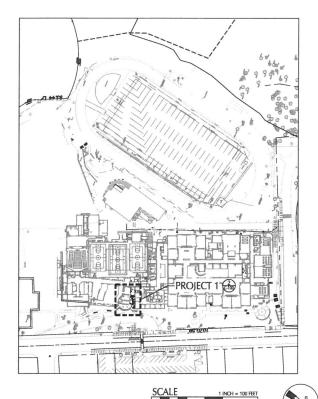
PARTIAL EXTERIOR ELEVATION WITH NEW VISITOR ENTRY



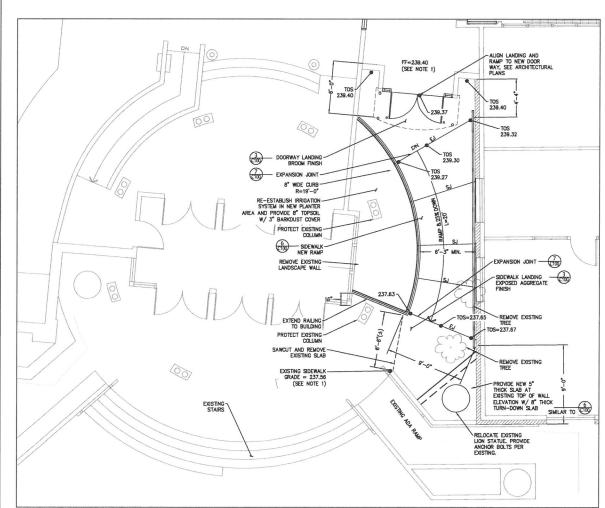


WEST LINN HIGH SCHOOL
Project No. 3 Main Entrance Security
CD Set April 12 2018 proj

CD SET



1 CENERAL ARRANGEMENT
SCALE: 1" = 100'



NOTE 1: CONTRACTOR TO CONFIRM EXISTING ELEVATIONS PRIOR TO CONSTRUCTION





GENERAL NOTES

SECTION 02315 - EARTHWOR

- . MOVEMENT OF CONSTRUCTION MACHINERY AND EQUIPMENT OVER PIPE AND UTILITIES DURING CONSTRUCTION SHALL BE AT THE CONTRACTOR'S RISK. PERFORM ALL WORK ADJACENT TO PRIVATELY OWNED UTILITIES IN ACCORDANCE WITH PROCEDURES OUTLINED BY UTILITY COMPANY. FOR WORK IMBEDIATELY ADJACENT TO OR FOR EXCAVATIONS EXPOSING A UTILITY OR OTHER BURBLO GESTRUCTION, USE HAND OR LIGHT EQUIPMENT EXCAVATION. SUPPORT INCOVERED LIKES OF OTHER BUSINESS WORK AS AFFECTED BY THE CONTRACT EXCAVATION.
- PROTECT NEWLY GRADED AREAS FROM TRAFFIC, EROSION, AND SETTLEMENTS. REPAIR AND RE-ESTABLISH
 DAMAGED OR ERODED SLOPES, BLEVATIONS, OR GRADES AND RESTORE SURFACE CONSTRUCTION PRIOR TO
 ACCEPTANCE. PROTECT LOSSITING STREAMS, DITCHES, AND STORM DRAIN INLETS FROM WATER-BORNE SOLID BY MEANS OF STRAW BALE DIKES AND/OR FILTER FABRIC DAMS AS INDICATED.
- A. BASE COURSE MATERIAL: 3/4" MINUS WELL GRADED CRUSHED ROCK WITH LESS THAN 5% OF FINES PASSING THROUGH A #200 SIEVE.
- 4. TOPSOIL MATERIAL
- A. PROVIDE IMPORTED TOPSOIL MATERIAL CONSISTING OF FRIABLE, FERTILE SOIL OF LOAMY CHARACTER, CONTAINING AN AMOUNT OF ORGANIC MATTER NORMAL TO THE REGION, CAPABLE OF SUSTAINING HEALTH PLANT LIFE, AND REASONABLY FREE FROM SUBSOIL, ROOTS, HEAVY OR STEF CLAY, STONES LAGRED THAN 2" IN GREATEST DIMENSION, NOXIOUS WEEDS, STICKS, BRUSH, LITTER, AND OTHER DELETERIOUS MATTER.
- 12. THE CONSTRUCTION DOCUMENTS MAKE NO REPRESENTATION OR WARRANTEES OF SOIL QUANTITIES. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL QUANTITIES OF MATERIALS NECESSARY TO COMPLETE THE PROJECT.
- 13. ALL NECESSARY IMPORTED SOIL MATERIALS AS SHOWN IN THE DESIGN DOCUMENTS SHALL BE SUPPLIED BY THE CONTRACTOR. EXCESS GNSITE EXCANTED MATERIAL STOCKPILED AND NOT USED ELSEWHERE ON THE PROJECT SHALL BE REMORDED FROM THE SITE AT THE EDU OF THE PROJECT AT THE CONTRACTOR'S DEPOSES.
- 14. ALL TOPSOIL AND ORGANIC BEARING MATERIAL, INCLIDING FILL, SHALL BE STRIPPED AND WASTED OFF SITE. IF ORGANIC SOILS ARE FOUND AFTER THE STRIPPING OPERATION, LOCALIZED MEEAS CONTAINING THESE MATERIALS SHALL BE OVER-EXCAVATED AND BACKFILLED WITH DIMORDERED STRUCTURAL FILL.
- I. Groundwater Flowing Toward or into excavations shall be controlled to prevent sloughing or excavation slopes and walls boils, upliet and heave in the excavation and to eliminate interference with opdorly progress of construction. French drans, sumps, ditches or trenches will not be permitted within 3" of the foundation of any structure.
- 16. EXCAVATE FOR SLABS, AND OTHER IMPROVEMENTS TO SIZES AND LEVELS SHOWN OR REQUIRED. ALLOW FOR FORM CLEARANCE AND FOR PROPER COMPACTION OF REQUIRED BAGGELLING METAL. ALL FOOTINGS BASES TO BEAR ON FIRM, NATURAL, UNDISTURBED SOIL FREE OF ORGANIC MATERIAL OR TORN ENGINEED FILL.
- 17. ALL SOFT, WET SOIL, OR SOIL OF UNUSUAL CONDITION SHALL BE EXCAVATED TO FIRM, NATURAL, UNDISTURBED SOIL, AND BACKFILLED WITH SPECIFIED FILL MATERIALS. BACKFILL AND COMPACT ALL OWER-EXCAVATED AREAS AS SPECIFIED FOR FILL BELOW AT NO ADDITIONAL COST TO THE OWNER.
- GENERAL BACKFILL BESIDE STRUCTURES SHALL BE PLACED IN LAYERS NOT TO EXCEED 8" IN THICKNESS AND COMPACTED TO 92 PROCEST (ASTN DANIALM MODRIES PROCESTE (ASTN D 1557) BAY DENSITY. WATER CONHENT AT THE TIME OF CONNECTION SHALL BE WITHIN \$23 PERCENT OF OPTIMUM.
- BASE COURSE MATERIALS FOR PAYING AREAS SHALL BE COMPACTED TO 95 PERCENT OF THE MODIFIED PROCTOR DRY DENSITY (ASTM D1557).

SECTION 02750 - SITE CONCRETE

1. CONCRETE MATERIALS

- A. PORTIAND CEMENT: ASTM C 150, TYPE I. USE ONE BRAND OF CEMENT THROUGHOUT PROJECT UNLESS OTHERWISE APPROVED IN WRITING BY OWNER'S REPRESENTATIVE.

 F. FLY ASH: ASTM C 618, TYPE F.

 C. NORMAL—WEICHT AGGREGATES: ASTM C 33, CLASS 4, AND AS FOLLOWS. PROVIDE AGGREGATES FROM A SYNGLE SOURCE. MAXIMIM AGGREGATE SETS: 3/4 INCH. DO NOT USE FINE OR COURSE AGGREGATES THAT CONTAIN SUBSTANCES THAT CAUSE SPALLING.

 D. WATER: POTABLE.

 E. AIR—ENTRAINING ADMIXTURE: ASTM C 260, CERTIFIED BY MANUFACTURER TO BE COMPATIBLE WITH OTHER REQUIRED ADMIXTURES.

2. CONCRETE MIX

- A. PREPARE DESIGN MIDES FOR EACH TYPE AND STRENGTH OF NORMAL-MEIGHT CONCRETE BY EITHER LABORATORY TRIAL BATCH OR PIELD EXPERIENCE METHODS AS SPECIFIED IN ACI 301. PROPORTION MIXES ACCORDING TO ACI 211. NON ACI 301 TO PROVIDE NORMAL-MEIGHT CONCRETE WITH THE FOLLOWING PROPERTIES.

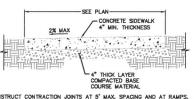
 PROPERTIES.

 C. CAMPRESSIVE STRENGTH (28-DAY): 3,500 PSI UNLESS OTHERMISE NOTED.

 C. MAZMILMI COURSE AGGREGATE SIZE: 3/4 INCI.

 D. MAZMILMI SLUIPE: 4 NOCES PLUIS ¼T TO 1 INCH.

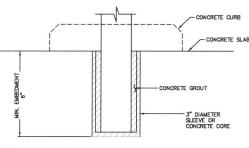
 E. ENTRAINED AR: 5 PERCENT. ± 1 PERCENT.



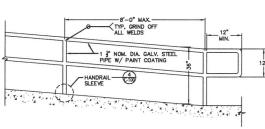
NOTES:

1. CONSTRUCT CONTRACTION JOINTS AT 5' MAX. SPACING AND AT RAMPS.
CONSTRUCT EXPANSION JOINTS AT 20' MAX SPACING, AT POINTS OF TANGENCY
AND AT ENDS OF EACH DRIVEWAY, UNLESS NOTED OTHERWISE.

SIDEWALK LANDING



HANDRAIL SLEEVE (4) HANDI



RAMP AND HANDRAIL

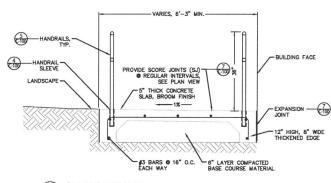
GENERAL NOTES

- ELEVATIONS ARE BASED ON A FINISHED FLOOR ELEVATION OF 239.40 FEET AS SHOWN ON PLANS FOR WEST LINN HIGH SCHOOL DATED 03/15/2018.
- PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
- 3. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACIENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
- . SOME SITE DEMOLITION AND UTILITY RELOCATION HAS BEEN PERFORMED, SURVEY MAY NOT BE COMPLETE OR ACCURATE, CONTRACTOR TO VERIFY EDISTING SITE CONDITIONS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2015 OREGON STANDART SPECIFICATIONS FOR CONSTRUCTION, AND REQUIREMENTS OF THE CITY OF WEST LINN.
- ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090, YOU MAY OBTAIN COPIES OF THE RILLES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE CREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATIORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERSOUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
- 7. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL KERPY ELEVATIONS, PIPE 32E, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENSION WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCES TO THE ATTENTION OF KEPF CONSLITING ENGINEERS, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED, THE CONTRACTOR SHALL ANDERE TO CITY OF WEST LINN FOR INIMIMIA EROSION CONTROL MEASURES. THE ESS FACILITIES SHOWN IN THESE PLANS ARE THE MINIMIMI REQUIREMENTS FOR ANTIOPARTS SITE CONDITIONS. DURING THE CONSTRUCTION PERSON, ESS FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM LEVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.

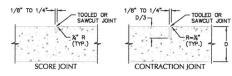
CONSTRUCTION NOTES

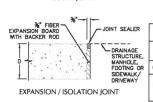
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
- EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERTY.
- ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED STORED AT THE PROJECT SITE AS DIRECTED BY THE OWNER.
- CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.
- 6. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.

- ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.
- CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER, TV, TELEPHONE, ELEC, ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.









ſ	,		T
	TYPE	SPACING	OR AT
	SCORE	5' TYP.	LOCATIONS SHOWN ON PLANS
l	CONTRACTION	15' MAX.	END OF RAMPS AND DRIVEWAYS
	EXPANSION/ ISOLATION	200' *	POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY OR OTHER FIXED OBJECTS

- NOTES:
 1. CONTRACTION JOINTS MAY BE USED IN PLACE OF SCORE JOINTS. 2. CONSTRUCTION COLD JOINTS MAY BE USED IN PLACE OF CONTRACTION JOINTS.
- 3. PROVIDE MEDIUM BROOM FINISH WITH NO TOOL MARKS.
- 7 SIDEWA SIDEWALK JOINTS



NO.3

istrict

School

Wilsonville

Linn -

IBI

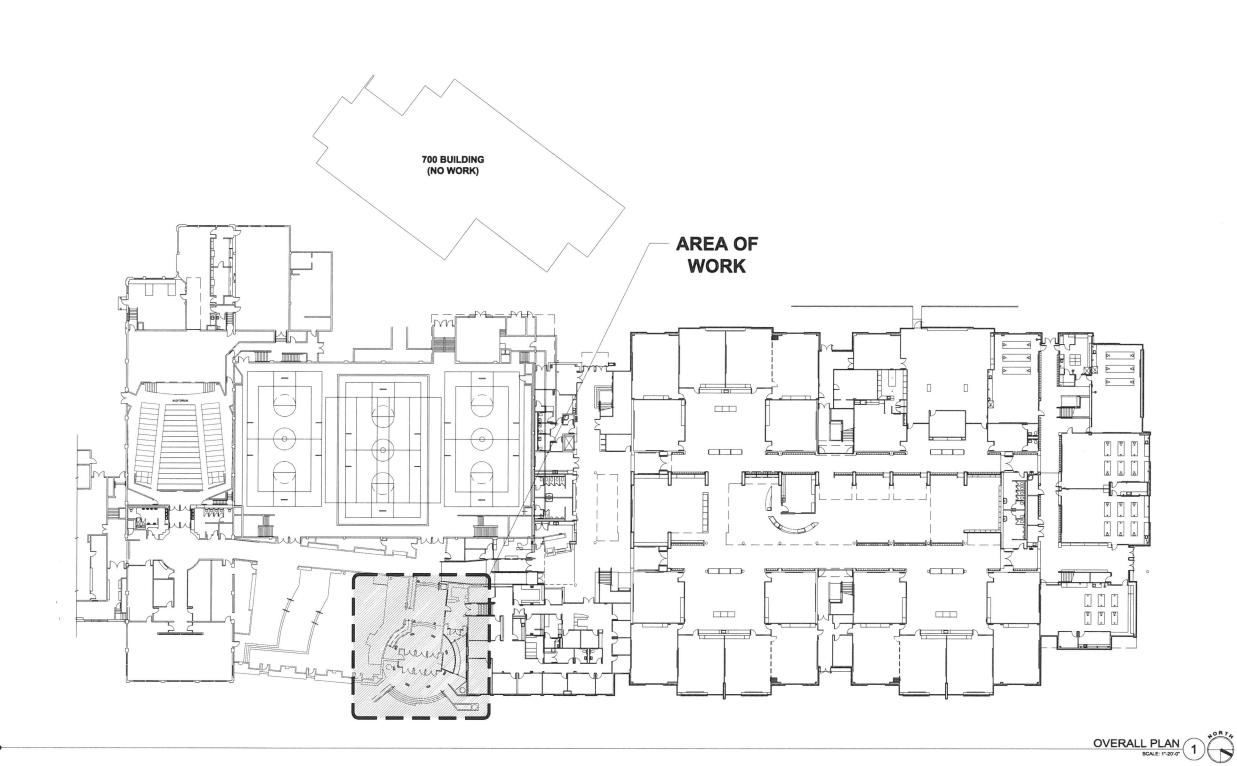
don't



date 04/18/2018

CIVIL PLAN & DETAILS

C-100





Dull Olson Weekes - IBI Gro Architects, Inc.

907 SW Stark Street Portland OR 97205 tel 503 226 6950 fax 503 273 www.dowa-ibigroup.com www.lbigroup.

WEST LINN HS SMALL PROJECTS 2018

MAIN ENTRANCE SECURITY REVISIONS

West Linn - Wilsonville School District 3J

West Linn, OR 97062

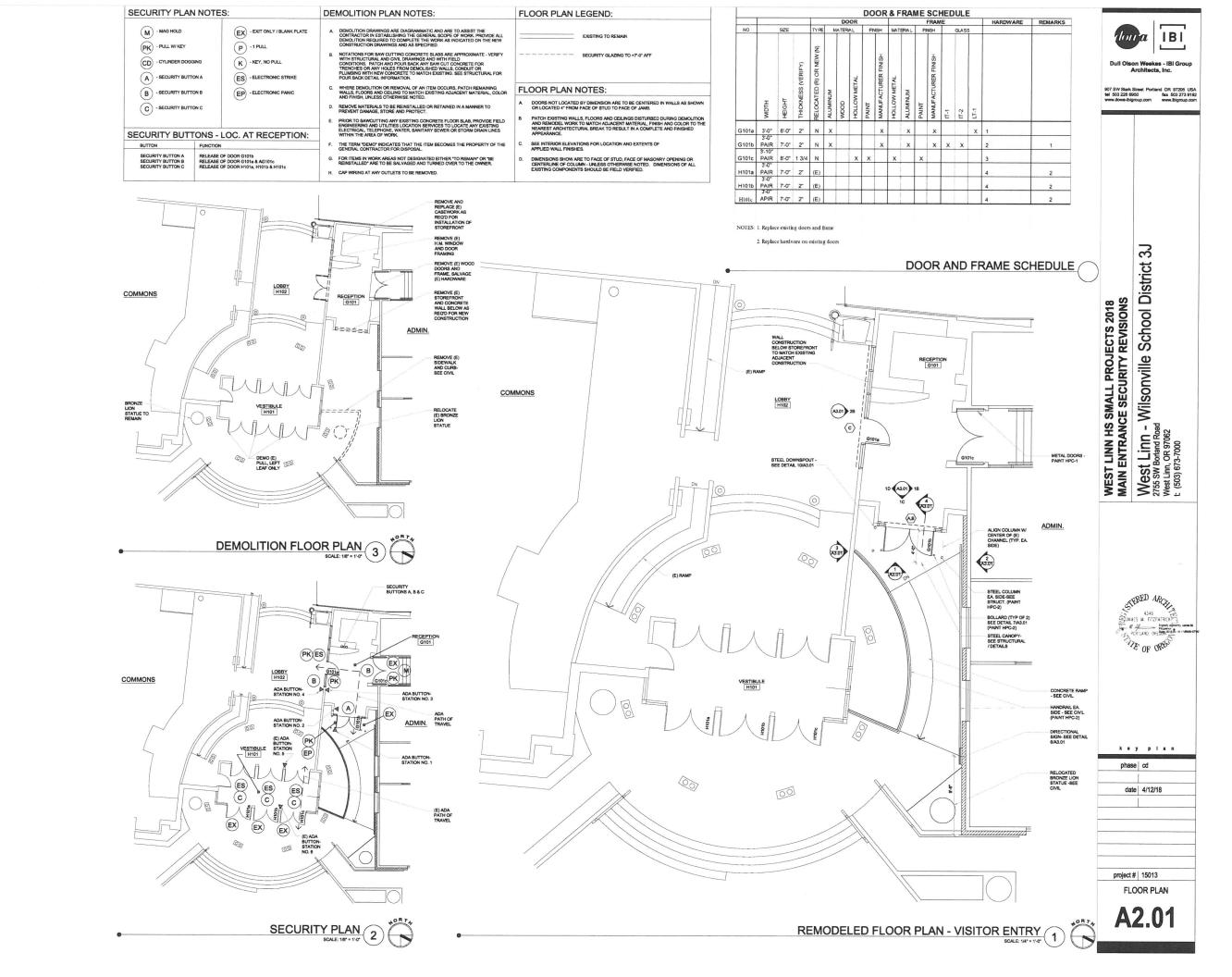
t. (503) 673-7000

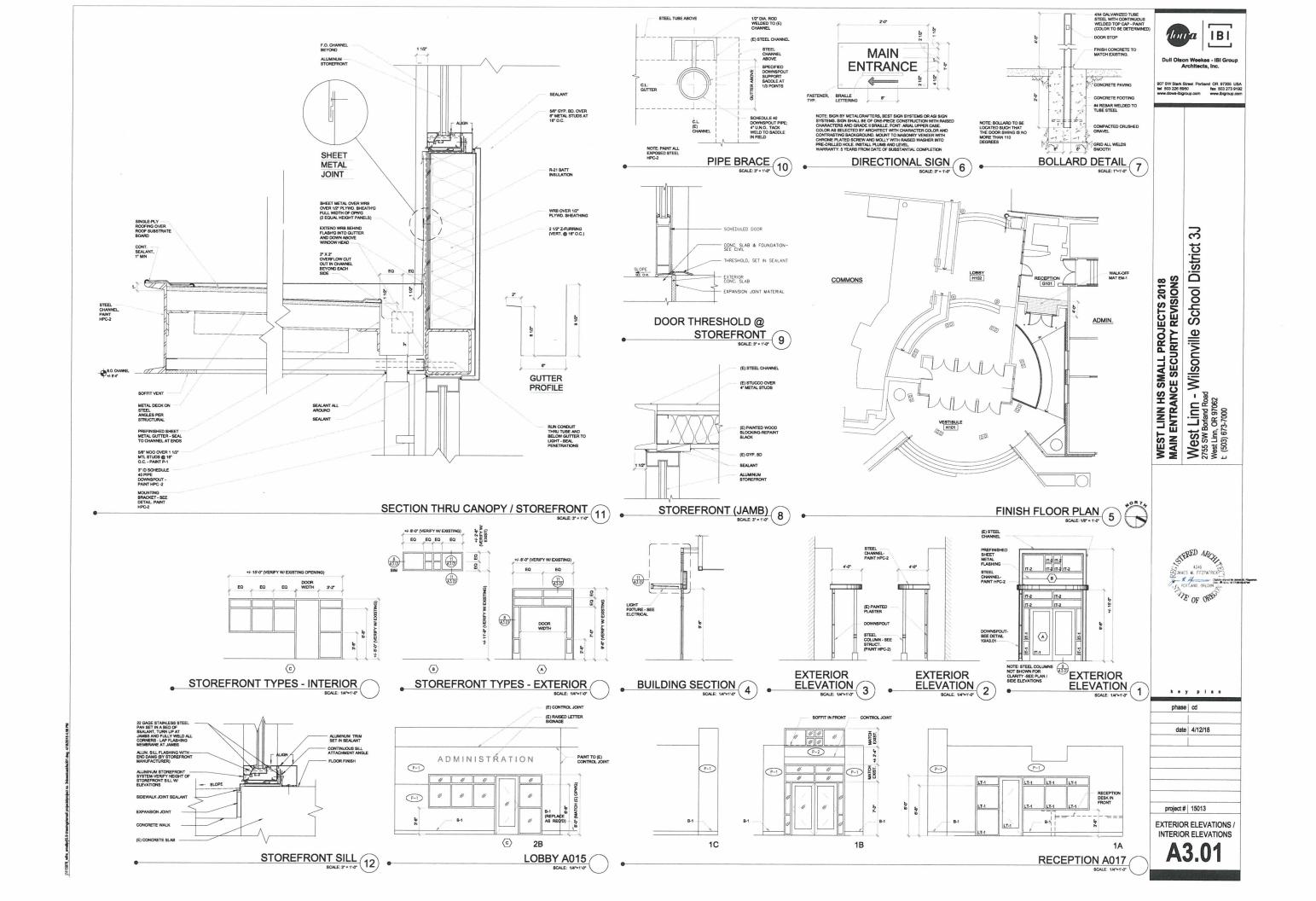
ALAS MANIS M. DIZPATRICK

phase | cd | date | 4/12/18

project # | 15013 OVERALL PLAN

A1.01





West Linn - Wilsonville School District West Linn HS Small Projects No. 3

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

SECTION 05 50 00 METAL FABRICATIONS

SECTION 95 50 90 METAL FABRICATIONS

West Linn - Wilson-life School District West Linn HS Smell Projects No. 3

April 2018 Seen in this

12 24 00 - 6

1.08 PROJECT CONDITIONS

SECTION 5.

BY FAR Commonstate

G. Garlestong Galencies wher febricison to ASTM ATEA TEATRON

28 FARRACTON TOLERANCES and different in degreed measurements.

As Manner, Charle Series of Series of Series of Astm ATEA ATEA TEATRON

B. Manner, Charle Series Fasce: 151 not.

C. Manner, Manner Series 153 not in 48 notes.

D. Manner Series 158 not in 48 notes.

PART 2 EXECUTION

1.51 EXAMPLIATION

A. Verify that field conditions are acceptable and are ready to note word.

1.52 PREPARATION

A. Cheen and wing primed sized field as to bear ready in notice word.

1.52 PREPARATION

A. Cheen and wing primed sized field as to bear ready as the weight of the conditions are acceptable and the ready to notice word.

1.53 PREPARATION

A. Cheen and wing sungitude to the appoprishe entities for steal farm required to be cast into METALLETION. Coordinals with Work of Section 08 71 00 - Door Hardware for insistiation of door stopp.
 Across bollants in pass with concests footings. Center and slips bottles in falles 5 schess brise blottles in passion, self opportunities of the concess of the passion self opportunities. Apport and the concess of the passion self opportunities concess of the passion self-opportunities.
 A DULIDHITING AND CLEARWING
 Touchup Perfice jumediately often enclore, dean field welds, bottled connections, and schooled areas. Paint junctiated and denated areas with the same material as used for shop pareting. paring.

B. Gelamaned Suffices: Clean field webs, bolled connections, and abroaded areas and repair palmanizing is comply with ASTM ATRIAN/ROW.

1. Clean Antherisor field seam according to SSPC-SP 11, "Power Tool Caseing to Bare 3.09 TOURANCES
3.09 TOURANCES
A. Mealman Valetion From Furni: 14 Inch per story, non-cumulative.

8. Mealman Other From True Alignment: 14 Inch.

C. Mealman Other From True Alignment: 14 Inch.

EMD OF SECTION Fastering to In-Place Construction Provide enchange gevices and fasteners where metal fastrications are required to be fastened to in-place construction.

Install items plumb and level, accurately fitted, free from distortion or defects. surface.

Ottom apprise give to talls outling or making adjustments not scheduled.

After entotics, prime welds, difference, and windsees not alrea jointed or gelvenized, society to write the to in contact with committee.

John INSTALLING INSTALLINGUAS FRAMENICA AND SUMPORTS

A inscall bening out deports to comply with requirements indicated on Brog Desvings.

INSTALLINGUAL SECRETION AND EXITED OF LATES.

INSTALLINGUAL SECRETION AND EXITED OF LATES. A. Glean concrete and mesonry bearing surfaces of bond-reducing materials, and roughen to improve bond to surfaces. Clean bottom surface of plates. West Linn - Wilsonville School District West Linn HS Small Projects No. 3 05 50 00 - 4 Q5 50 00 - 5 April 2018 West Linn - Wilsonville School Dietrict West Linn HS Small Projects No. 3 SECTION 07 54 00 THERMOPLASTIC MEMBRANE ROOFING SECTION 07 54 00 THERMOPLASTIC MEMBRANE ROOFING 1. The werrenty shall conten no equius on in window to drawing successful and by refor or give Meriman unit great firstation volve werenty shall be 72 M.P.H. measured at 10 meters attribe ground level. One of the origination of intenders and/or system such as a membrane, substantial content and a content of the content Geinpia-Pacific DenaDeck Prime: www.gp.combuild.
 Johns Manville JM Securoti Oppsium-Floer Roof Boers: www.gm.com.
 USG Securotik Roof Securit weeking com.
 Substitutions: See Section 01 60 00 - Product Requirements.

STRATE SEOM: Substrate Board: Grass mat faced gypsum panels, ASTM C1177/C1177M, fire resistant type, 12 inch fire. inch thick.
Available Products:
a. Georgie-Pacific Corporation, Dens Deck.
b. USS Securock Roof Board: week usig com.
c. Substitutions: See Section 01 80 00 - Product Requirements. c. Substitutions: See Section 19 600 - Proport Regularments.
287 WEFAL EDGROG AND MEMBRANE TERMINATIONS
A. Phi-Enrolled Phi-Firehold Med. DTp. Edge System (Dip. Edge): "L" stepped continuous 22 pages date with pre-either featuring brider. Provide pertinented 24 pages galentized deleticities.

"With Princhmanca. An extraced to meet Allodoff ICS 1 Tisst Membra Re1 and RE2."

B. Roof Edge Phi-Enrolled Media Faces System. Provide not dept feature system consisting of heep of 100 time this exercised estimation and their scales satisface selections, and engine on faced cover. Shape-on faced estimates and the plant System.

With Princhmanca. An exquest of near Allodoff ICE 5.1 Test Memory Col. 1 and RE2.

B. Beat-of-Degrip Phodot. Certical Securities; 2000 Faces System.

C. caused Memory Associated with a large control and a large of one-nethroad coding. PVC Nembrane Mahertals:
Carliste SynTec: sww.carliste-syntec.com.
Johns Menville: JM PVC Nembrane: sww.yn.com.
Sita Corporation – Roding: Semali PVC use semali sika.com. ROOFING .

Thermodisatic Membrane Reading: Provide the following assemblies

ROOFIN: One ply membrane nechanically attached over substitute board mechanically attached over substitute over mable deck.

ROOFING MEMBRANE AND ASSOCIATED MATERIALS 201 ROOFee SILEMENANCE AND ASSOCIATED MATERNALS

1. Material: Polyviny districts complying with ASTM DALS/DALSAM.

2. Reinforcing: Floregists and a proyects from.

2. Reinforcing: Floregists and a proyects from.

3. Thockwest. 0 505 rads, misterum.

5. Core. White.

6. Acceptable Materian and y Astander PVC Products.

6. Acceptable Materian and y Astander PVC Products.

6. Acceptable Materian and y Astander PVC Products.

7. Size Servital. Inc. Senandi 5327 Membrane.

8. Senang Materian. An accommanded by membradure in seal performance and warranty requirement. As miscommanded by membradure in seal performance and warranty requirement. 30 mile moments all and sealing the substance.

9. Visign Barrior. 30 mile moments all and sealing the substance.

1. Revision mandiacture in commendation for the substance.

2. Available Products.

2. Available Products.

3. Available Products.

5. Association of the Association of the Section of the Sect Bease-of-Deeps Product: Certain Securitips 2000 Fearinity States
 Consisted Masses of pages generated seals reader codes of a size of non-reinforced coding
 or other mod permitter seals are produced to the seal of as to Security and do
 or other mod permitter seals model, and the seals are seals of service to the record order.

 December 10 Fearinity States of the seals of th F. Termitation San 1-ann viole and 0.088 inch thick estruded aluminum har pre-punched; which incorporates a seelent ledge to support sealant. Provide termination bar at all membrane termination paints, including membrane terminations where sheet metal counterfleehings are used and as expirated for randiscuture's warrant; Cotor of prefinished components furnished by this Section: Custom color as selected by Architect. ACCESSIONES

A Insulation February: Appropriate for purpose intended and approved by roofing manufacturer.

1. Lamph as required for fractiones of excusion material and persection of dick adultation.

5. Sealests and Primaries. Provide processor handle government of discrete discrete fractions in South Cleast Air Quality Management Discrete (SCAGMO); Rule 1168.

1. Single Prior Medicines Analysis of the South Cleast Air Quality Management Discrete (SCAGMO); Rule 1168.

2. Prior Medicine State (Scatter South Cleast Air Quality Management Discrete (SCAGMO); Rule 1168.

3. Septimit Propriet Prior Medicines. 250 git.

5. Sealest Primare for Prior Substitutes. 270 git.

5. Sealest Primare for Prior Substitutes. 270 git. COVER BOARD

Cover Board: Gless mat faced gypsum panels. ASTM C1177/C1177M, fire rasistant type, 12 inch thick.

Bissit-of-Design Product:

Carliels Socius Shield HC. www.carliels-syntec.com. West Linn - Wilsonville School District West Linn HS Small Projects No. 3 West Linn - Wisonville School District West Linn HS Small Projects No. 3 12 24 00 - 5

SECTION 06 50 00 METAL FABRICATIONS

SECTION 06 50 00 METAL FABRICATIONS



SECTION 05 50 00 METAL FABRICATIONS

Use normholis grout, either metallic or nonmetallic, in conceased locations where not interest inclination, are normholistic, conceasing grout in explaned control unless of the control of the cont

IBI

Dull Oison Weekes - IBI Group Architects, Inc.

907 SW Stark Street Portland OR 97205 USA tel 503 226 6950 fax 503 273 9192 www.lbigroup.com www.lbigroup.com

istrict . PROJECTS 2018 URITY REVISIONS School LINN HS SMALL PROJ ENTRANCE SECURITY l be West Linn -2755 SW Borland Road West Linn, OR 97062 t: (503) 673-7000

WEST MAIN E

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phase cd

date 4/12/18

key plan

CERED ARO AS46

JAMES M. FITZPATRICK

PORTLAND, OFEODI

THE OF OFFICE

project # 15013

SPECIFICATIONS

A10.01

SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES BECTION 81113
PART I GENERAL

1.11 BECTION INCLUDES

A PRIVATE GENERAL

1.12 BECATION INCLUDES

A PRIVATED REQUIREMENTS

B Rection 08 11 00 - Door Netheries

D Section 08 10 00 - High Performance Costings Fleid Parriang.

1.23 REFERENCE STANDARDS

A MANUAL OL 111 - American National Standard for Accessible and Usable Buildings and Feotines; international Code Council.

A MANUAL OL 111 - American National Standard for Accessible and Usable Buildings and Feotines; international Code Council.

A AND ARDS 1- Buildings and Accessional Code Council.

A MOST ARDS 1- Section 10 of Recommended Standard Stand ASTM E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C. BHMA A156 115 - Herdware Preparation in Steel Doors and Steel Frames. 1. British A. 158. 115 - Nerview Progration in State Doors and State Firmas.

3. MAAM HARIA 64-0-date Specification be Installation and Storage of Incides Metal Door and Firmas; The National Association of Architectural Metal Manufactures.

3. MPA 60 - Stated for Fire Doors and Done Opening Prostationes.

5. U. (804) - Buddeng Metalinat Directory, Underwelves Luboratories Inc.

5. U. (10-5) - Stated of Provides Pressure Fire Tests of Door Associations.

5. U. 10-5: Stated for Provides Pressure Fire Tests of Door Association.

5. U. 10-5: Stated Metalination, windows and construction, hardware footables.

5. U. 10-5: Stated Doors of Control of Stated Control of Control of Stated Control of Stated Control of Control Commisse will not in architect screeue.

D. Product Test Reports Based on existation of comprehensive tests performed by a qualified testing agency, for seel type of hollow restal door and frame assembly.

E. Installation Instructions: Manufacturar's published instructions, including any special installation instructions relating to this project. West Linn - Witsonville School District West Linn HS Small Projects No. 1

SECTION 07 62 00 SHEET METAL FLASHING AND TRIM

and sheet matal against defects in materials and sortimanship, for the following warranty person.

Bernott Though the pass from date of Substantial Complation.

Spoolal Wearranty French Two, seas from date of Substantial Complation.

Spoolal Wearranty French Exhauster of the state of the minoth number consistency of the state of the minoth number consistency of the state of the s

BREET MATERIALS

Pre-Finited Galavirused State: ASTM ABS3/4653M, with G802278 dnic costini, minimum 34 gaps (0.029) inch thick bear enter, unless otherwise indicates, strop per-costed with Profit Costing.

1. 200 dnice.

1. 200 dnice.

2. 200 dni

Sealant to be Exposed in Completer Work Single-Component, Norsag, Fast-Curing, Silyl-Terminated Polyether Sealant: ASTM C920, Type X, Grade NS, Class 50, for Use NT, M. A. G.

FABRICATION

General: Custom fabricate sheet metal fearing and trim to comply with recommendations in SMA/CNA "Architecture Sheet Metal Manua" fire apply to deept, demensions geometry, metal incidence, and other demonstractics of law incidents finances are as the stock to provide the stock of the control of the stock of the stoc

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES 1.05 QUALITY ASSURANCE Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum five years documented experience. this section with minimum five years obcumented experience.

B Fine-Placed Down Assembles, Assembles complying with PPA-8 to that we listed and labeled by a qualified leaking against for five-protection ratings inclusive, based on testing at passive pressures according to U. 102.

9 DETERMINENT

In addition to the wayshments for fail that from as particul AVESQDC ASD-8, no widely section and promitted drop the world in degree of down. Fabricate seams on the vertical edges by one of the Mobilety methods.

1. Intermittedly wideling exempt and gas (all cases demonth) or TO DELIVERY, 8TORAGE, AND HANDLAND.

5. Story in recordance with NAMAH ANDLAND.

8. Protate with resilient packaging; shoot in handlay build-up under converings; prevent correlation. B. Protact with resilient packaging; avoid humsibly build-up under coverings; prevent commit
REF 2 PRODUCTS

1. Assa Albry Caco or Curries: serv-assaubitydes.com.
2. Deer Components: service concomponents com.
3. Selectors. or Albegins beard: serv-allegatin com.
4. Selectors. or Albegins beard: serv-allegatin com.
5. Beard of Selectors. Or Selectors.
6. Beard of Selectors. Or Selectors.
7. Selectors.
8. Level 2 and Level 3 Doors: SM18 and SM18. Inspectively manufactured by
Selectors.
9. Enterior Selectors.
9. Enterior Selectors.
9. Selectors - Trainin. If a General registration of the Control of the Contro Performance Coatings.

2.33 STEE, DOORS

A. Hetero Doon, Fin-Placed

C. Greek AVSA A200 de encusted below:

a. Levy 2, Physical performance Level 2, Mode 2, 15 page, seamless, unless otherwise andicates

b. Levy 2, Physical performance Level A, Mode 2, 16 page, seamless, for soon 42 inches in width or greater. West Linn - Wilsonville School District West Linn HS Small Projects No. 1

SECTION 07 62 00 SHEET METAL FLASHING AND TRIM

C Form sections true to shape, accurate in size, equive, and free from disturtion or deflects.
D. Form places in longuage possible sangths.
E. Here engogene degas on undersides 1/2 inch, miler and seem corners.
PART 3 EXECUTION
3.31 INSTALLATION

METALLATION
 A money in the latest make feature and thin is concly with performance recolaments, when A money in the latest make feature and them institution involved on any EMACON's Vertice both library library features. When the latest institution is the performance of the latest in the latest included between the latest included. The latest work will be price and performance and the latest work will be price and the latest features. It is least Whort washering whether the latest will be permanently washeright and washering in which is point enough or an appearance.

C Secure Sealings in place, saing concession featurems. Use exposed featurems only where permitted.

D. It Searings light in place. Make comers source, surfaces the and straight in planes, and lines accounts to profite.

Difference of the process of the pro

SECTION 06 11 13 HOLLOW METAL DOORS AND FRAMES Fire Rating As indicated on Don; Frame and Rains Schedule, sested in accordance with U. 10C ('postiles pressure').
 Provide vall listed and sizeled by UL.
 Actual fire rating label to each fire rated unit.
 Core: Vertical assets different, invitinum 0.032 icon, 20 gags brick.

STEEL FRAMES
A General:

A General: TREE_FRAMES

Converse:

1. regive with the requirements of process specified for corresponding door.

2. AND ADDGS Event Doors. 16 page formers.

3. AND ADDGS Event Doors. 16 page formers.

5. AND ADDGS Event Doors. 16 page formers.

6. Frames for Windo Doors. 16 page formers.

7. Frames for Windo Doors. 16 page formers.

7. Frames for Windo Doors. 16 page formers.

8. Frames Windows and the Converse out-out in traines to be installed in meaching or a frames for the Windows Mindows Mindows Windows Mindows Windows Interior Door Frames, Fire-Rated: Fally weided type.
 The Rating Same as door, letteled.
 ACCESSORY MATERIALS Amongs to Double Doors. Specified in Section 08 71 00

1. Fire-Read Doors. Sheet Shape as required to accomptish the rating.

1. Fire-Read Doors. Sheet, Shape as required to accomptish the rating.

Memors-Pair Insulation. ASTM CHEET, Type 1 (bondess without membrane facing), consisting of Bone nanufactured for saling or not as well the 1st 12-bit. It contings with maximum flame-sprace and strate-development increase of 25 and 50, respectively passing ASTM E136 for cannotation of humanisation. Grout for Frames: PorSend cement yout of maximum 4-inch slump for hand troweling; thinner pumpable grout is prohibited.

Temporary Frame Spreaders: Provide for all factory- or shop-assembled frames. D. Temporary Frame Strandom: Provide for all featury—or stop-assentive frames.

E. Jano Authori:

Bus Wall Type Despried to stopps stut, welded to back of harves, not less than 0.042.

Particularly to the Place State Organization of the State Organization of the State Organization of the state of the State Organization of the state of the State Organization of the Org

West Linn - Wilsonville School District West Linn HS Small Projects No. 1 SECTION 08 71 00 DOOR HARDWARE 1.6 PROJECT CONDITIONS: A. Coordinate hardware with other won. Furnish hardware items of proper design for use on doors and farmes of the thickness, profes, saring, security and similar requirements indicated, as necessary for the proper institution and function, regardless of omissions or conflicts in the Information on the Context Documents. Review Shop Drawings for coots and entrances to confirm that adequate provisions will be made for the proper installation of hardware. 1.7 WARRANTY: A Refer to Conditions of the Contract B. Manufacturer's Warrenty. Closers: Lifetime
 Exit Devices: Five Years
 Locksets & Cylinders: Three years
 All other Hardwars: Two years. 1.8 OWNER'S INSTRUCTION: A Instruct Dwner's personnel in operation and maintenance of hardware units 1.9 MAINTENANCE: Special Tools: Provide special waterches and tools applicable to each different or special landware component.
 Andware component.
 Indicate the special sp 2.1 MANUFACTURERS:

SECTION 08 71 00 DOOR HARDWARE Exit Devices
Closers
Automatic Oparators
PushPull Please
PushPull Bars
Protection Pittels
Overhead Stops
Door Stops
Flush Botts
Coordinator 8 Brackets
Threshold 8 Gasketing Precision Stanley D-4990 Tienco Tienco Tienco ABH Tienco Tienco Tienco Pemiko Von Duprin LON 4640 XP DE., Horton 7100 Burns, Rockwood Burns, Rockwood Burns, Rackwood Risson, Glynn Johnson Burns, Rackwood ABH, Burns ABH, Burns ABH, Burns Reses, National Guard 2.2 MATERIALS: A. Hinges: Shall be Five Knuckle Ball bearing hinges region come are the noutried best leaving ringles.

Templase store who be loadines.

Bearing are to be fully hardened.

Bearing are to be fully hardened.

Bearing are to be fully hardened.

Bearing are to be uncarested entities with hermit.

Bearing are to be fully hardened bearing on hermit bearings on stendard weight hinge.

Broop with easily select, convicing great distances shall be fully select, convicing great distances shall be fully potential, from the shall be fully potential.

Bufforts see its other 150-diagnes earing of door.

Furnish the includes with flum the latering.

Provide him parties are the full be fully form the girt. Add one for each additions 20 inches in height of technic means. traction thereot. nd approved by BHMA for all applicable ANSI Standards for type, size, function and finish

15. UL10C listed for Fire rated doors. B. Geared Continuous Hinges: Tested and approved by BHMA for ANSI A156-26-1996 Grade 1 Anti-spining Brough festiener UL 10C Italde 03 now Fire resting Non-handed Lifetime semantly Photolog Fire Pins for 3-hour fire ratings Sufficient state in permit door to saving 150 degrees A. The following manufacturers are approved subject to compliance with requirements of the Contract Documents. Approve of manufacturers other than those listed shall be in accordance with Dulation 1. T Treate and approved by Bibliot for John A. 196.2. Series 4000, Operational Grade 1, Seria-Revolt Dolg and be N. 100 Earlier
E Provide SCOT-Guality Management and 14001-Environmental Management.
F R modified ANSIA 115.2 doll or population.
Linear Committee and Committee Com

SECTION 07 92 00 JOINT SEALANTS 2.83 BLICONE SCALATS
A. Engine-Comment, Rowage, Noutrin-Curing Silcone Joint Sesiant: ASTM CBID. Type S. Orson NG, Class SD, for Use NT.

1. DOMESTIC: STATE OF THE STATE OF T 284 LATEX JOHN Search Anylic talax or eliconized scrylic talex, ASTM CBSI, Typa OP, Grade NF.

A latex soft Search Anylic talax or eliconized scrylic talex, ASTM CBSI, Typa OP, Grade NF.

Product:

a Product:

1 Product:

1 Product:

2 Product:

2 Product Commercial Seaforms & Waterproding: Trenfine SSI.

2 Copicionized Usin: Premise print between inferior well surfaces and remove of reservoir conceptable sets.

2 85 ACCESSORES

A Broker Not. Cylindrical collular from not with surface that seafort will cit policies to competitive with specific seafort used, and recommended by beading and seafort manufacture for the policy of the product of the C. Masking Tapic Self-adhesive, nonabsorbent, non-steining, removable without adhesive residue, and competible with surfaces adjacent to joints and seelents. Joint Cleaner Non-correlive and non-stanning type, type recommended by sealant manufacturer competible with joint forming materials.

 Primera: Type recommended by sealant manufacturer to suit application; non-staining Confirm requirements based on proconstruction field teating. REPARATION

Remove isons materials and foreign matter that could imper adhlesion of sealant.

1. Remove solutions sealant residue as required to provide a solid bond with new sealants. Where recessary to expose clean cound surfaces, use wire brush, grind, sendblast or solvent deen as recommended by sealant manufacture.

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doura

Dull Olson Weekes - IBI Group Architects, Inc.

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3

District

ST LINN HS SMALL PROJECTS 2018

N ENTRANCE SECURITY REVISIONS

Style Linn - Wilsonville School Dis
Style Borland Road
Jun, OR 97062

Style F73-7000

WEST L MAIN EI West | West Linn, Ct. (503) 673

SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES

HOLLOW METAL DOORS AND FRAMES IN MICE STATES are Extended in sections due to shoping or handing the many purchas signment passes or angles at sets part, shortcast of series information and as the same, purchas signment passes or angles at sets part, shortcast of series information and as the same of the same and naive and the same of the sa

C. Colons: Match existing. 2.63 SILICONE JOINT SEALANTS

SECTION 07 92 00 JOINT SEALANTS

SECTION 07 92 00 JOINT SEALANTS

PART 1 GENERAL

1.91 SECTION INCLUDES

A. Junt sealant.

6. Junt sealant of consenties.

1.02 SUBMITTALS

SUBMITTALS

FOR Children Products. Submit nerulaturer's technical data shreet for each product to be used. Including physical characteristics, insulation netroctions, and reconnected tools.

Recommendate acos.

8. Color Cards for Selection: Where sustant color is not specified, submit manufacturer's color cards showing standard colors available for selection.

1.53 GUALTY ASSURANCE.

MANAMENT A Spoce Manufacture of Warraty. Servalusioners allerdand for in widery jets designed A Spoce Manufacture of Warraty. Servalusion is reader on minimal bullet need consist performance and other requirements spocified in this Section within specified exemply per 1. Warraty Period to Sillions Selection 2. Dynam has the of Subserted Societies 2. Warraty Period to Physical Sealons: I year hard bed of Subserted Societies 2. Warraty Period for Physical Sealons: I year hard bod of Subserted Societies 2. Warraty Period for Physical Sealons (1) year hard bod of Subserted Societies Comprision: Origination of Period Sealons (1) year of Societies (1) years Comprision:

2.1 JOINT SELLANT APPLICATIONS

1. Enercy Joint Seal open joints, whether or not the jurit is indicated on the develope, viets specifically indicated not be sealed. Element joints to be sealed include, but are useful properties of the sealed of the sealed include included include include included includ

Longresson.

B. Warristy: Include coverage for installed sealers and accessores that fail to achieve waterfight seal; exhibit loss of adhesion or conesion, or do not cure.

PART 2 PRODUCTS

201 JOINT SEALANT APPLICATIONS

GUALITY ASSURANCE
A Menudeuter Opinitationse. Company appointing in near-desturing the graduals specified in
this social with minimum its years' documentation apparence.
In the social was a specific or the social and the social and with at
least five years of documental despiration.
In particular, the social and the social and the social and with at
least five years of documental despiration.
In particular, the social and the social and

Brigh Conf. Familia: Deli stap in index jumb to report three foor silaroans. PART SEXECUTION

381 EXAMINION

381 EXAMINION

381 EXAMINION

382 EXAMINION

483 EXAMINION

483 EXAMINION

583 EXAMINION

584 EXAMINION

585 EXAMINIO

H. Coordinals installation of herdwers.
4 TOLERANCES
A Claerances Ballesen Door and Frame: As specified in ANSI A250.8
B. Mastruur Disponal Distortion: 1/16 in measured with streight edge, corner to corner.

West Linn - Wilsonville School District West Linn HS Small Projects No. 1

JAMES M. FITZPATRIC 08 11 13 - 4 C. PORTLAND, OFFICEN MILES

THE OF ORES

SERED ARCO

key plan

date 4/12/18

project # 15013

SPECIFICATIONS A10.02

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

Should items of hardware not definitely specified be required for completion of the Work, furnish such items of type and quality comparable to adjacent hardware and appropriate

09 96 00 - 1

April 2018 Dent to 1999

F. Samples: (If requested by the Architect)

1. 1 sample of Lever and Rose/Esculicheon design, (pair).
 3 samples of metal finishes.

Refer to Division 1 for All

1.2 SUBSTITUTIONS:

A. Comply with Division 1

SUBMITTALS:

A Comply with Division 1.

G. Contract Closeout Submittals: Comply with Division 1 including specific requirements indicated West Linn - Wilsonville School District West Linn HS Small Projects No. 3

Special Submittal Requirements: Combine submittals of this Section with Sections listed below to ensure the "design intent" of the system/assembly is understood and can be reviewed tooether.

Dealed operations of construction and featuration.

When diagrams for sean electric product specified. Coordinate voltage with electrical before substitute,

Solid in Solid in Solid Institute Coordinate voltage with electrical

behalf income of substitute of solid institute substitute.

Behalf in Solid Institute Coordinate of 14201 Convolvental Management for products

later of Materials Section 2.2

Shop Drawings - Hardware Schedule. Submit 8 complete reproducible copy of detailed hardware schedule in a vertical format.

Let groups and aufiliase in proper sequence.
Completely describe door and let enthinctual door humber.
Reshabetures, product name, and catalog humber.
Persons type, and sylve.
Reshabetures, production has the complete of the complete of the Reshabetures.
Epiglianether of abbreviations and symbols used within schedules.
Epiglianether of abbreviations and symbols used within schedules.
Debales wing objective quotiprised and sproads produced for each opening, indicating all steadors hardware, sourchy equipment and access control equipment, and door and frame mughin required for general covering.

Templates: Submit templates and "reviewed Handware Schedure" to door and frame suggler and others as applicable to enable proper and accurate sizing and locations of culcuts and

Templates, wining diagrams and "reviewed Hardware Schedule" of electrical terms to electrical for coordination and verification of rottages and locations.

 Operating and maintenance manuals: Submit 3 sets containing the following. 09 96 00 - 2

SECTION 08 71 00 DOOR HARDWARE

B. Storage and Protection: Comply with manufacturer's recommendations West Linn - Wilsonville School District West Linn HS Small Projects Nr. 3

Deliver products in original unopened packaging with legible manufa Package hardware to prevent damage during transi and storage. Mark hardware to somespond with "reviewed hardware schedule". Deliver hardware to door and frame manufacturer upon request.

DELIVERY, STORAGE, AND HANDLING

A. Packing and Shipping: Comply with Division 1.

09 85 00 - 3

SECTION 08 71 00 DOOR HARDWARE

Complete information in care, maintenance, and adjustment, and data on repair and replacement parts, and information on preservation of finishes.
 Catalong pages for each product.
 Name, address, and phone number of local representative for each manufacturer.
 Parts last for each product.

Copy of feet herbears console, solded to reflect, "As installed". Copy of feet helps passeds. As installed "Wring Dilignems" for each piece of hardware connected to power, both low voltages and 150 cm. One set of special book required for menterance and edulatinent of hardware. notucing changing of princies.

Statement of qualification for distributor and installers. Statement of compliance with regulatory requirements and single source responsibility. Distributor's Qualifications. Firm with 3 years experience in the distribution of commercial

Distributor to employ full time Architectural Hardware Consultants (AHC) for the purpose of screduling and coordinating hardware and establishing laying schedule.
 Hardware Schedule shall be prepared and signed by an AHC.

Installers Qualifications: Firm with 3 years experienced in installation of similar hardware to that required for this Project, including specific requirements indicated.
 Regulatory Labet Requirements: Provide testing agency labet or stamp on hardware for labeted openings.

Provide UL listed hardware for labeled and 20 minute openings in conformance with requirements for class of opening scheduled.
 Linderwritten Luboratories requirements have precedence over this specification where coeffict sails.

8 Single Source Responsibility: Except where specified in hardware achedule, furnish products of only one manufacturer for each type of hardware. Review Project for satient of finish hardware required to complete the Work. Where there is a conflict between these Specifications and the existing hardware, notly the Architect in writing and furnish hardware in compliance with the Specification unless otherwise directed in writing by the Architect.

1.4 QUALITY ASSURANCE

A. Comply with Division 1.

April 2018



SECTION 08 80 00 GLAZING

PART 1 GENERAL

181 SECTION INCLUSES

A Metal stud set framing

B. Accounted fraudation.

C. Oppours wellboard

2. REFERENCE STANDANDS

A ASS 150-12- North American Specification for the Design of Colsi-Formed Steal Structural Country of Compound and Joint Tape for Finishing Oppours Board.

C. ASTN CG14-Standard Societicant for Nation for the Accidents of Congress Report Gypsum Boad.

G. ASTIA CS14-Sandard Specification for Nalls for the Application of Gypsum Boart.

ASTIA CS14-Sandard Specification for National State Framing Mambars.

E. ASTIA CS14-Sandard Specification for Interlation of State Framing Mambars in Process

Sorre-Astached Oppsum Paral Products.

ASTIA CS14-Sandard Specification for Application and Principing of Gypsum Board.

G. ASTIA CS14-Sandard Specification for Application and Principing of Gypsum Board.

ASTIA CS18-Sandard Specification for Accessives for Oppsum Visitoria and Oypsum Visitoria and Oypsum Visitoria Specification for Accessives for Oypsum Visitoria and Oypsum Visitoria State Cs18-STIA CS188-CS13964 - Standard Specification for Oypsum Board.

ASTIA CS188-CS13964 - Standard Specification for Oypsum Board. ASTE UZDZZ Spoku - Sanded Spakehtalon for Cypsum Board
 ASTE UZDZZ Spokude Tiget Member to Propusm Board
 ASTE UZDZZ Spokude Tiget Member to Research so Covernd foliotion the Burlace of
 KATT ESC. Exacted Tiget Method for Laboratory Measurement of Airborne Bound
 Transmission Loss of Burlong Partitions and Examels.

 ASTE EST. Classification for Refung Bound Insulation.

 AG-214 Referenmented Levies of Cypsum Board Frinkin. M. CA-214 - Recommended Livela of Organism Board Firsh.

N. GA-215 - Application and Frincing of Organism Board

S-CADMD 111-3-board Doset Air Ouelly Management District Rule No.1113.

P. SCADMD 1118 - South Closet Air Ouelly Management District Rule No.1116.

Q. U., FROD, - Free Resistance Districtivy

R. SPIA - Sales Framing Industry Association.

3. SSIAM - Seed Framing Industry Association.

1.53 SQUARTIALS

A. Product Date. Provide data on motel framing, gypeum board, accessores, joint Enabling system.

The Control Date. Provide data on motel framing, gypeum board, accessores, joint Enabling system. Hodose profes are products for wile accessions.
 Ref Reports. For skic framing products had do not comply with ASTM CMS or ASTM CTS4.
 The Company of the Company of the Company of the Company of defections.

1.44 QUALTY ASSEMANCE

A hastler Custification. Company approaching in performing glypsum board installation and finishing, withinitions they see of depositions. West Linn - Wilsonville School District West Linn HS Small Projects No. 3 09 21 16 - 1

SECTION 09 21 16 GYPSUM BOARD ASSEMBLE

SECTION 09 65 00 RESILIENT FLOORING

SECTION 09 21 16 GYPSUM BOARD ASSEMBLIES

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West Linn - V 2755 SW Borland Road West Linn, OR 97062 t: (503) 673-7000

LINN HS SMALL PROJECTS 2018 ENTRANCE SECURITY REVISIONS

PART 1 GENERAL

161 BECTON WILLIDES
A Realization
162 RELATED REQUIREMENTS
A Section DOUT 1-Froit legend
163 RELATED REQUIREMENTS
A Section DOUT 1-Froit legend
169 REPRENENCE STANDARDS
A ARTH FIRST Searched Specification for Resilient Well Base.
164 SUMMITTALS
A Product Data. Provide data on specified products.
B Selection Sarviges. Submit manufacturer's complete set of color samples for Architect's robal selection for threstion strop.

PART 2 PRODUCTS
292 RESILIENT BASE
A Resilient Base 5-1 ASTA F1661, Type TS nubber, vulcanized thermoset top set Style B.
Cove.

LEBALETT AAKE

Realizert Base B-1: ASTM F1861. Type TS n.bbox: vulcarized thermost: top set Style B. Cree

Cree

1: Assimited Base B-1: ASTM F1861. Type TS n.bbox: vulcarized thermost: top set Style B.

2: Branch Andersex

1: Branch Pooring: sww.buhastooring.com

2: Flacco, tor. sww.facestooring.com

3: Placco, tor. sww.facestooring.com

4: Rough Corp. sww.facestooring.com

5: Rough Corp. sww.facestooring.com

5: Rough Corp. sww.facestooring.com

6: Rough Corp. sww.facestooring.com

6: Placco, Tale Corp. sww.facestooring.com

7: Rough Corp. sww.facestooring.com

8: Placco, Tale Corp. sww.facestooring.com

8: Placco, Tale Corp. sww.facestooring.com

9: Placco, Tale Corp. sww.facestooring.com

10: Placco, Tale Corp. sww.facestooring.co

 COERSORES
 Transition and Egop Strips: Rubber,
 Provide transitions and egop strips at all exposed edges of resilient flooring, carpst, and erby mit and at transitions from one material to emptye.
 Continues with Work of Section 09 30 00 - 1 ling for transitions adjacent to the PART 3 EXECUTION
391 EXAMINATION
A Install resident boding makesal and donescries after other finishing operations, including perinty, tiev been comprised.
332 WRITALATION—OSEENAL.

Installation - Operatus
 Installation - Operatus
 Installation adopt storp at unprotected or exposed edges, where flooring terminates, and where indicated.
 In Resident Stops. Attach to substrate using achiesive.
 Installation - Resillation Stops.

A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches between joints.

STERED ARCH 4346 SJAMES M. FITZPATRIC PORTLAND, OREGON MIN THE OF ORES

key plan

date 4/12/18

project # 15013

SPECIFICATIONS A10.04

April 2018 Prosed 973019

West Linn - Wilsonville School District West Linn HS Small projects No. 3

09 85 00 - 2

April 2018

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

West Linn - Witsonville School District West Linn HS Small Projects No. 3

B. Follow manufacturer's recommended seaming techniques

In addition to requirements indicated above, install in strict accordance with manufacturer's recommendations, using manufacturer's recommended athesive suitable for project conditions.

09 68 13 - 2

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

09 68 13 - 3

West Linn - Wilsonville School District West Linn HS Small projects No. 3

Coordinate installation of edge strips with Work of Section 09 65 00, concealing all exposed edges.
 Keep all traffic off entry met for 24 hours after installation. Wait 72 hours prior to initial ideaning.

CLEARING
 A. Remove excess achiesive without damage, from floor, base, and wall surfaces.
 Clean and vacuum carpat eurfaces
 END OF SECTION

West Linn - Witsonville School District West Linn HS Small Projects No. 3

12 24 00 - 2

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

12 24 00 - 3

SECTION 09 91 23 INTERIOR PAINTING

SECTION 09 91 23 INTERIOR PAINTING

SECTION 99 91 23 INTERIOR PAINTING

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PRED PROP

TE OF ORE

key plan

date 4/12/18

phase cd

project # 15013

12 24 00 - 4

SPECIFICATIONS

A10.05

A346

SJAMES M. FITZPATREK

Openin white by Jam

FORTLAND, OFECOR 2014 on 12 1748

JRITY

SECTION 09 91 23

SECTION 09 91 23

Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than twenty years of documented experience.

Installer Qualifications: Company trained and certified by the manufacturer, specializing in performing work of this type with minimum ten years of documented experience.

West Linn - Wilsonville School District West Linn HS Small Projects No. 3

West Linn - Wilsonville School District West Linn HS Smell Projects No. 3

April 2018

GENERAL STRUCTURAL NOTES

CONFORM TO THE 2014 OREGON STRUCTURAL SPECIALTY CODE (OSSC), BASED ON THE 2012 INTERNATIONAL BUILDING CODE (IBC).

ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY SIGNIFICANT DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS.

DESIGN WAS BASED ON THE STRENGTH AND DEFLECTION CRITERIA OF THE OSSC. IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS AND ALLOWABLES WERE USED FOR DESIGN, WITH LIVE LOADS (I.L.)

	DESIGN CRITERIA		
	SNOW CRITERIA		
DESIGN ROOF SNOW LOAD	27 PSF MINIMUM IN ACCORDANCE WITH OSSC		
GROUND SNOW LOAD	Pg= 10 PSF IN ACCORDANCE WITH 2007 SNOW LOAD ANALYSIS FOR OREGON		
FLAT ROOF SNOW LOAD	Pf=	11 PSF	
SNOW EXPOSURE FACTOR	Ce	= 1.0	
SNOW LOAD IMPORTANCE FACTOR	ls	= 1.0	
THERMAL FACTOR	CI	= 1.0	
	GEOTECHNICAL CRITERIA	\	
DESIGN BASED ON	OSSC TAB		
RETAINING WALLS - CANTILEVERED	35 PCF (EQUIVALENT FLUID PRESSURE)		
RETAINING WALLS - BRACED AT TOP	55 PCF (EQUIVALENT FLUID PRESSURE)		
ALLOWABLE SOIL PRESSURE:	1500 PSF		
	WIND CRITERIA		
RISK CATEGORY		III	
MAIN WIND FORCE RESISTING SYSTEM	Vult = 130 MPH ULTIMATE DESIGN WIND SPEED (3-SECOND GUST)		
COMPONENTS AND CLADDINGS	Vult = 130 MPH ULTIMATE DESIGN WIND SPEED (3-SECOND GUST)		
EXPOSURE CATEGORY	В		
GUST/INTERNAL PRESSURE	GCpi = +/- 0.18		
	SEISMIC CRITERIA		
RISK CATEGORY		III	
SEISMIC DESIGN CATEGORY	D		
SITE CLASS		С	
IMPORTANCE FACTOR	IE	= 1.25	
MCE SPECTRAL ACCELERATION	Ss = 0.94	S1 = 0.41	
SITE COEFFICIENT	Fa = 1.12	Fv = 1.59	
DESIGN SPECTRAL ACCELERATION	SDS = 0.71	SD1 = 0.43	

SUBMITTALS:
SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION OF ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING:

SUBMITTALS					
ITEM	SUBMITTAL (1)	DEFERRED SUBMITTAL (2)	COMMENTS		
CONCRETE MIX DESIGNS	X				
CONCRETE REINFORCEMENT	X				
CONCRETE ANCHORAGES	X				
EMBEDDED STEEL ITEMS	X				
STRUCTURAL STEEL	X				
STEEL WELDING PROCEDURES	X				
STEEL DECKING	X				
STEEL FASTENERS	X				
EXTERIOR LIGHT GAUGE METAL FRAMING	×				
CURTAIN WALL, WINDOW WALL AND OTHER GLAZING SYSTEMS	×	x			

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION
OF THE STRUCTURAL ITEMS. IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL
PROPERTY OF THE STRUCTURAL SHOP THE SEAL AND SHARVINGE OF A STRUCTURAL ENGINEER REGISTERED IN THE
STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE
ARCHITECT AND ARE SUBJECT TO REVIEW AND ACCEPTANCE OF THE STRUCTURAL DENOISER.

2. DESIGN DRAWINGS, SHOP DRAWINGS, AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF DORSOON, AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. CALCULATIONS SHALL BE INCLUDED FOR ALL CONNECTIONS TO THE STRUCTURE, CONSIDERING LOCALIZED EFFECTS ON STRUCTURAL ELEMENTS INDUCED BY THE CONNECTION LOADS. DESIGN SHALL BE BASED ON THE REQUIREMENTS OF THE OSSC AND AS NOTED UNDER 'DESIGN CRITERIA'.

CONCRETE:
CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE OSSC. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD CYLINDER TESTS PER ASTM C39. MIX DESIGNS SHALL BE AS FOLLOWS:

CONCR	ETE MIX DESIGNS			
USE	fc (PSI)	TEST AGE (DAYS)	MAX. W/CM RATIO (NOTE 1)	MAX. AGGREGATE SIZE
ALL USES	3.000	28	0.50	1*

A WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494 USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS SHALL BE INCORPORATED IN CONCRETE DESIGN MIXES, A HIGH-FRANGE WATER-REDUCING HERWIN, ADMIXTURE CONFORMING TO ASTM. C441 TYPE F. OR GAY BE USED IN CONCRETE MIXES PROVIDING THAT THE SLUMP DOES NOT EXCEED 10°. AN AIR-ENTRAINING AGENT CONFORMING TO ASTM. C208 SHALL BE USED IN CONCRETE MIXES FOR ALL CONCRETE EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR BY VOLUME SHALL BE 5%.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS ALONG WITH TEST DATA COMPLIANT WITH ACI 318-11 OSSC SECTION 1905 A MINIMUM OF TWO WEEKS PRIOR TO PLACING CONCRETE. NO WATER MAY BE ADDED TO CONCRETE IN THE FIELD UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CONCRETE SUPPLIER IN CONJUNCTION WITH THE CONCRETE MIX DESIGN.

REINFORCING STEEL:
ALL DEFORMED BAR REINFORCEMENT SHALL BE ASTM A615 GRADE 60 OR ASTM A706 GRADE 60.

STRUCTURAL STEEL: STRUCTURAL STEEL SHALL BE:

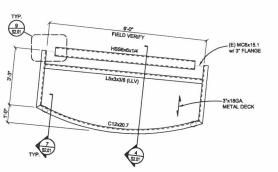
S'	TRUCTURAL STEEL
MATERIAL GRADE	SHAPE
ASTM A36	CHANNELS, PLATES AND ANGLES, EXCEPT AS NOTED
ASTM A500, GRADE B (FY=46KSI)	HOLLOW STRUCTURAL SECTIONS (TUBES)
ASTM A53, GRADE B (FY=35 KSI)	PIPES

DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE "AISC SPECIFICATION FOR THI DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" WITH "COMMENTARY" AND THE "CODE OF STANDARD FRACTICE".

WELDING SHALL CONFORM TO THE AWS CODES FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION WELDING SHALL BE PERFORMED IN ACCORDANCE WITH A WELDED PROCEDURE SPECIFICATION (WPS), AS REQUIRED IN WAYS D.1.1 AND APPROVED BY THE STRUCTURAL ROBINEER. THE WEY VARIABLES SHALL BE WITHIN THE PARAMETERS ESTABLISHED BY THE FILLER-METAL MANUFACTURER.

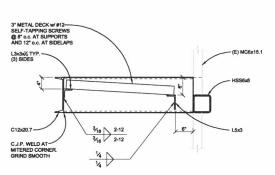
WELDS SHALL BE MADE USING E70XX ELECTRODES AND SHALL BE 3/16" MINIMUM, UNLESS OTHERWISE NOTED. WELDING SHALL BE BY AWS CERTIFIED WELDERS.

STEEL DECK:
STEEL ROOF DECK SHALL BE 3" TYPE N OF THE GAUGE SHOWN ON THE PLANS. STEEL DECK SHALL
CONFORM TO ASTM A653 DESIGNATION SS, GRADE 50 (Fy = 50 KS)). THE GALVANIZED COATING SHALL
CONFORM TO ASTM A653, G60.

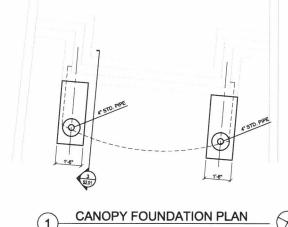


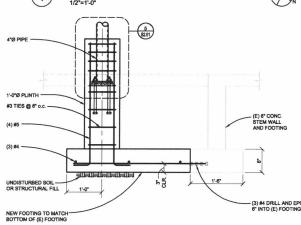
NOTE: REF. ARCH. DRAWINGS FOR TOP OF STEEL ELEVATIONS



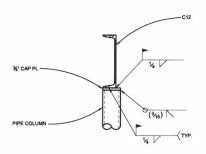


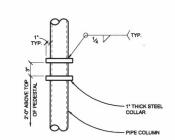
SECTION AT CANOPY (4)

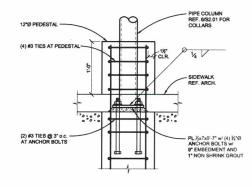




SECTION AT FOOTING (3)



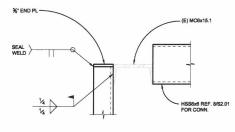


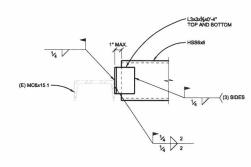


CONN. AT COLUMN 1 1/2"=1'-0"

PIPE COLLAR DETAIL

DETAIL AT PIPE COLUMN (5)





CHANNEL CONN.

HSS CONN.

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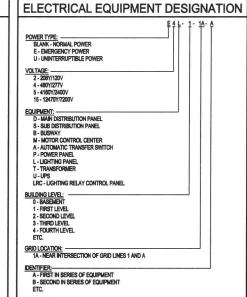
District School I WEST LINN HS SMALL PROJECTS 2018 MAIN ENTRANCE SECURITY REVISIONS Wilsonville West Linn - V 2755 SW Borland Road West Linn, OR 97062 t: (503) 673-7000

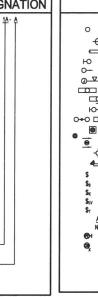


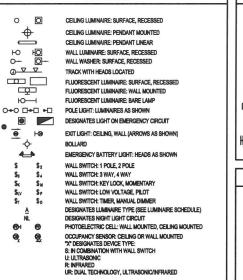
key plan phase cd date 4/12/18 project # | 21800296 PLANS AND DETAILS

S2.01

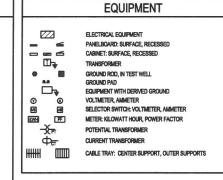






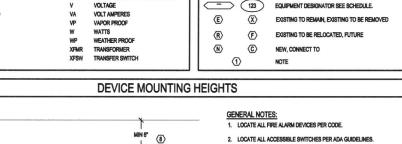


LIGHTING

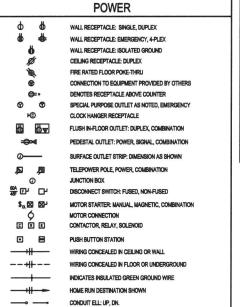


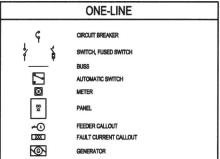
NOTE

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

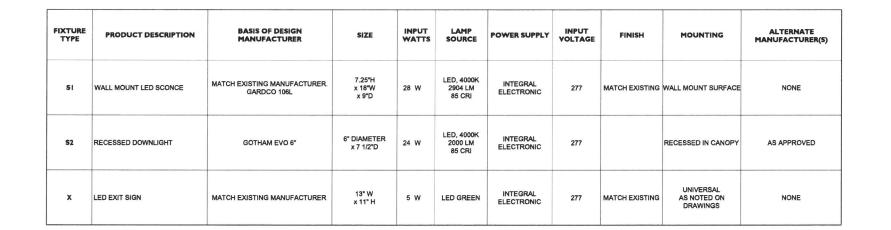


	DESIGNATION SYMBOLS				
(E)	(X)	EQUIPMENT DESIGNATOR SEE SCHEDULE. EXISTING TO REMAIN, EXISTING TO BE REMOVED.			
®	(F)	EXISTING TO BE RELOCATED, FUTURE			
(N)	© T	NEW, CONNECT TO NOTE			
I SUIT		NOTE	_		





CEILING	*	GENERAL NOTES:
3 4 5 0	WORKING SURFACE WORKING SURFACE BACKSPLASH T T T T T T T T T T T T T	1. LOCATE ALL RIRE ALARM DEVICES PER CODE 2. LOCATE ALL ACCESSIBLE SWITCHES PER ADA GUIDELINES. 3. FIELD COORDINATE ALL ABOVE COUNTER DEVICES WITH MILLWORK CONTRACTOR. 4. FE APPLICABLE, TELCOM CONSULTANTS DRAWINGS TAKE PRECEDENCE OVER THIS DETAIL FOR TELCOM DEVICES. NOTES: (1) TELECOM OUTLET (2) RECEPTACLE (3) FIRE ALARM PULL STATION (4) LIGHT SWITCH (5) CAND READER 1. FIRE ALARM STROBE (5) CAND READER





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WEST LINN HS SMALL PROJECTS 2018
MAIN ENTRANCE SECURITY REVISIONS
West Linn - Wilsonville School District 3.

West Linn, OR 97062
t (503) 673-7000

PAE



key plan phase | cd date | 4/12/18

project # | 15013

SYMBOLS, LEGENDS & ABBREVIATIONS - ELEC

ELECTRICAL SPECIFICATIONS

- A. THE INTENT IS TO PROVIDE A COMPLETE AND WORKABLE FACILITY A THE INTENT IS TO PROVIDE A COMPLETE AND WORKABLE FACILITY WITH COMPLETE SYSTEMS AS SOMION, SPECIFIED AND REQUIRED BY APPLICABLE CODES, THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS INCLUDING NECESSARY PERMITS AND INSPECTIONS REQUIRED BY THE COVERNING AUTHORITIES. DO ALL WORK IN A NEAT, WORKMANLIKE, FINSHED AND SAFE MANNER, ACCORDING TO THE LATEST PUBLISHED NLECA. STANDARDS OF INSTALLATION, UNIDER COMPETENT SUPERVISION. INSTALL GROUNDING AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.
- B. VISIT THE SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND ALL OTHER FACTORS WHICH MAY AFFECT THE EXECUTION OF THIS WORK. INCLIDE ALL RELATED COSTS IN THE INITIAL PROPOSAL.
- C. ALL NEW MATERIALS SHALL BE OF THE BEST QUALITY, MANUFACTURED IN ACCORDANCE WITH NEMA, ANSI, LLL OR OTHER APPLICABLE STANDARDS. THE USE OF MANUFACTURERS NAMES, MODELS AND NUMBERS IS INTENDED TO ESTABLISH STILL, QUALITY, APPEARANCE AND USEFLUPLESS. PROPOSED SUBSTITUTIONS WILL REQUIRE PRE-BID WRITTEN APPROVAL OF THE ARCHITECT.
- D. SUBMIT FOR THE ARCHITECTS APPROVAL A MATERIAL LIST
 CONTAINING THE MAUPLACTURER'S DETAILED SPECIFICATIONS AND
 DATA SHEETS FOR REQUIPMENT TO BE PLINISHED. SUBMIT 6 COPES
 OF DATA IN SPOINT COVERED BINDERS, INDEXED BY SYSTEM, FOR
 THE FOLLOWING ITEMS OF EQUIPMENT AND SYSTEMS:
 BRANCH CRICALIT PANELS, CRICALIT BREAKERS, CONDUCTORS, WIRING
 DEMONS DECEMBEN VALUE HANDLINGER.
- E. PROTECT ALL ELECTRICAL MATERIAL AND EQUIPMENT INSTALLED UNDER THIS DIVISION AGAINST DAMAGE BY OTHER TRADES, WEATHER CONDITIONS OR ANY OTHER CAUSES. EQUIPMENT FOUND DAMAGED OR IN OTHER THAN NEW CONDITION WILL BE REJECTED AND REQUIRE
- F. KEEP OUTAGES TO OCCUPIED AREAS TO A MINIMUM AND PREARRANGE ALL OUTAGES IN OUTPELY AREA TO A MINIMAN AND PRESPONDED ALL OUTAGES SHALL STATE THE SPECIFIC DATES AND HOURS AND THE MAXIMUM DURATION, WITH THE OUTAGES KEPT TO THESE SPECIFIC TIMES. THIS CONTRACTOR WILL BE LIABLE FOR ANY DAMAGES RESULTING FROM UNSCHEDULED OUTAGES OR FOR THOSE NOT CONFINED TO THE PREAPPROVED TIMES. INCLUDE ALL COSTS FOR OVERTIME LABOR AS NECESSARY TO MAINTAIN ELECTRICAL SERVICES IN THE
- G. TEMPORARY WIRING AND FACILITIES, IF USED, SHALL BE REMOVED AND THE SITE LIEFT CLEAN BEFORE FINAL ACCEPTANCE.
- H. REMOVE OR RELOCATE ALL ELECTRICAL WIRING, EQUIPMENT, FIXTURES, ETC., AS MAY BE ENCOUNTERED IN REMOVED OR REMODELED AREAS IN THE EXISTING CONSTRUCTION AFFECTED BY THIS WORK, WIRING WHICH SERVES USABLE EXISTING OUTLETS SHALL BE RESTORED AND ROUTED CLEAR OF THE CONSTRUCTION OR DEMOLITION, REMOVE ALL WIRING TO BE ADAIDONED TO LEAVE SITE CLEAN, REMOVED MATERIALS ONT SCHEDULE FOR REUSE SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR REMOVAL FROM THE SITE.
- I. COOPERATE WITH ALL OTHER TRADES FOR PROPER INSTALLATION OF ALL ITEMS OF EQUIPMENT. CONSULT THE DRAWNIGS OF ALL OTHER TRADES OR GRAFTS TO AVOID CONFLICTS WITH CABINETS, COUNTERS, EQUIPMENT, STRUCTURAL MEMBERS, ETC. IN GENERAL, THE ARCHITECTURAL DRAWNIGS GOVERN BUT CONFLICTS SHALL BE RESOLVED FOR TOR DOUGHT.
- J. LEAVE THE SITE CLEAN AND READY FOR OCCUPANCY. REMOVE ALL DIRT, DEBRIS, EMPTY CARTONS, TOOLS, CONDUIT AND WIRE SCRAPS AND ALL MISCELLANEOUS SPARE EQUIPMENT AND MATERIALS USED IN THIS DIVISION OF THE WORK DURING CONSTRUCTION. ALL COMPONENTS SHALL BE FREE OF DUST, GRIT AND FOREIGN MATERIALS, LEFT AS NEW BEFORE FINAL ACCEPTANCE OF WORK.

- K. FURNISH WRITTEN GUARANTEE TO THE OWNER, EFFECTIVE FOR A PERIOD OF ONE YEAR AFTER DATE OF SUBSTANTIAL COMPLETION, COVERNO ALL DEFECTS IN CONTRACTOR RURNISHED LIAI RETIRALIS, AND WORKMANSHIP. THE CONTRACTOR SHALL AGREE TO REMEDY ANY DEFECT BY REPLACEMENT OF DEFECTIVE PART WITHOUT ADDITIONAL COST TO OWNER DURING THE PERIOD OF GUARANTEE. INCANDESCENT LAMPS ARE EXEMPT FROM THE GUARANTEE.
- 16400 SERVICE AND DISTRIBUTION
- A. ALL MATERIALS SHALL BE NEW AND CURRENTLY MANUFACTURED.
- B. ALL MATERIAL SHALL UL LABELED AND MEET ALL INDUSTRY STANDARDS.
- C. PROVIDE ENGRAVED EQUIPMENT NAME PLATES ON ALL EQUIPMENT, NEW NAME PLATES TO MATCH EXISTING STYLE AND COLOR.
- D. PROVIDE ALL SUPPORT HARDWARE AND SYSTEMS FOR ELECTRICAL
- E. CONDUIT/RACEWAYS
- ALL WIRING FOR POWER AND SYSTEMS SHALL BE CONDUCTORS IN CONDUIT AND SHALL BE CONCEALED IN WALLS, ABOVE CEILINGS, IN SLABS OR UNDERGROUND, AND SHALL BE OF THE
- 8. FEEDER- RIGID STEEL EXCEPT ABOVE 8'-0" THEN EMT
- b. BRANCH CIRCUIT, TELEPHONE AND COMMUNICATION-EMT
- c. FINAL CONNECTIONS FROM OUTLET BOXES TO LIGHT FIXTURES, MOTORS, OR APPLIANCES-FLEXIBLE STEEL CONDUIT MAXIMUM 48"
- 2. EXPOSED WIRING SHALL BE IN CONDUIT AND SHALL BE ROUTED AS HIGH AS POSSIBLE AND PARALLEL OR PERPENDICULAR TO STRUCTURAL ELEMENTS.
- 3. PAINT ALL EXPOSED CONDUITS, COLOR AS DIRECTED BY OWNER.
- 4. INSULATED CONDUIT BUSHINGS AT EACH END OF EVERY CONDUIT RUN.
- G. CONDUCTORS:
- 1. PROVIDE CONDUCTORS FOR ALL CIRCUITING, WIRING, AND
- 2. CONDUCTORS SHALL BE PROPERLY PHASE AND COLOR CODED
- a. COLOR CODING: 208Y/120V 480Y/27TV

BROWN ORANGE YELLOW

- 3. LITILIZE CONDUCTORS AND CONNECTORS AS FOLLOWS:
- a. #10 AND SMALLER SOLID COPPER, THIN/THWN COLOR
- b. #6 AND #8 STRANDED COPPER THHIN/THWN COLOR CODED
- c. TYPE AC FLEXIBLE CABLE WITH ISOLATED GROUND WIRE

- e. SET SCREW/BOLTED TYP. FOR #4 AND LARGER COPPER
- f. COMPLETELY INSULATE EACH CONNECTION, SPLICE AND
- g. USE OF ALUMINUM (AL) IS STRICTLY PROHIBITED.
- h. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG WITH THWN INSULATION IN CONDUIT.
- 4. LABEL CIRCUIT ON THE CONDUCTOR AT EACH BOX.
- H. WALL SWITCHES:
- SINGLE POLE: 20 AMPERE, QUIET TYPE, GROUNDED, COMMERCIAL SPECIFICATION GRADE.
- 1. DUPLEX: 20 AMPERE, GROUNDED, COMMERCIAL SPECIFICATION
- 2. ALL RECEPTACLES SHALL BE RECESSED, UNLESS NOTED
- J. OUTLET BOXES:
- 1. ATTACH SECURELY TO BUILDING CONSTRUCTION SUPPORT.
- 2. MASONARY BOXES RACO OR STEEL CITY.
- 3. EXPOSED BOXES CAST TYPE SIMILAR TO HINDS FS.
- 4 ALL OTHERS STAMPED STEEL
- K GROUNDING
- 1, PROVIDE EQUIPMENT GROUNDING CONDUCTOR IN EACH CONDUIT.
- 2. PROVIDE GROUNDING FOR PANELBOARD AND FOLIPMENT

- LIGHT FIXTURES SHALL BE PROVIDED BY CONTRACTOR.
 CONTRACTOR SHALL BE RESPONSIBLE FOR MOUNTING AND FINAL
 CONNECTION OF ALL PRITURES INCLUDING, BUT NOT LIMITED
 TO, RECESSED LIGHT, DOWN LIGHTS, PENDANT LIGHTS,
 DISPLAY CASE LIGHTING, TASK LIGHTING, AND REQUIRED
- COORDINATE FIXTURE TRIM AND MOUNTING ACCESSORIES WITH CEILING TYPE INVON WHICH IT IS BEING INSTALLED.
- 3. PROVIDE ELECTRONIC/DIMMING BALLAST.
- 4. MATCH VOLTAGE OF FIXTURE TO CIRCUIT TO WHICH IT IS
- P. WIRING DEVICE COVER PLATES AND DEVICES:
- ALL RECEPTACLE AND TELEPHONE PLATES SHALL BE NEW BRUSHED FINISHED ALUMINUM WITH GRAY DEVICES.
- a. MOUNTING HEIGHTS ARE NOTED ABOVE FINISHED FLOOR, REFER TO ARCHITECTURAL ELEVATIONS.
- WIRING DEVICES SHALL BE COMPLETE WITH ALL HARDWARE AND COVER PLATES AND SHALL BE GROUNDED TO BOX BY GREEN GROUND WIRE PIGTAIL.
- 3. PROVIDE DEDICATED DEVICES FOR ALL EQUIPMENT, ITEMS, AND



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District

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WEST LINN HS SMALL PROJECTS 2018

MAIN ENTRANCE SECURITY REVISIONS

West Linn - Wilsonville School Distance Linn, OR 97062

t. (503) 673-7000



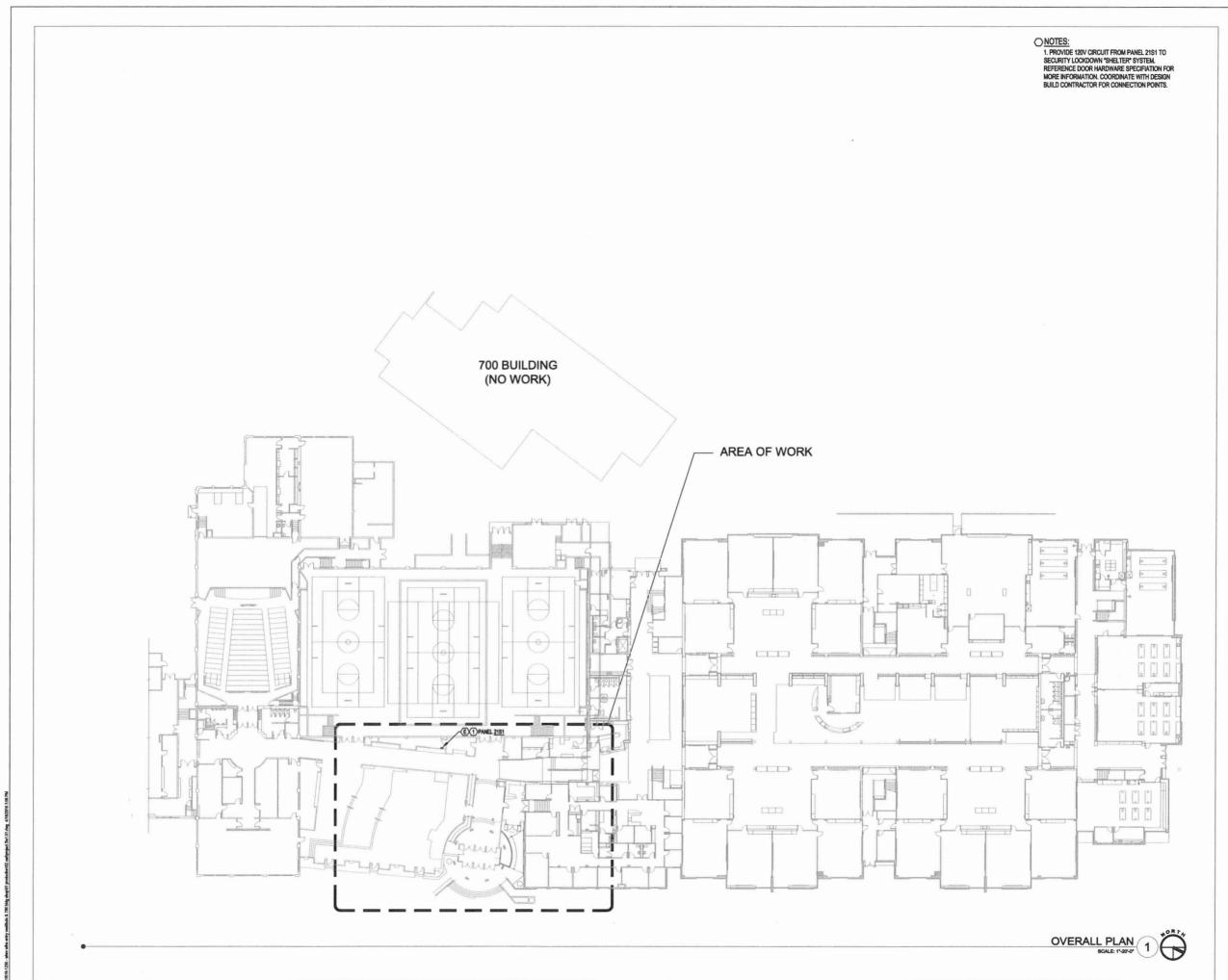


phase | cd date | 4/12/18

key plan

project # | 15013

SPECIFICATIONS ELECTRICAL





Dull Olson Weekes - IBI Gro

W Stark Street Portland OR 97200 03 226 6950 fax 503 27 dowe-libigroup.com www.ibigro

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WEST LINN HS SMALL PROJECTS 2018

MAIN ENTRANCE SECURITY REVISIONS

West Linn - Wilsonville School District 3J

2755 SW Borland Road
West Linn, OR 97062
t (503) 673-7000

West Linn, Of We



phase cd
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OVERALL PLAN-ELECTRICAL E1.01

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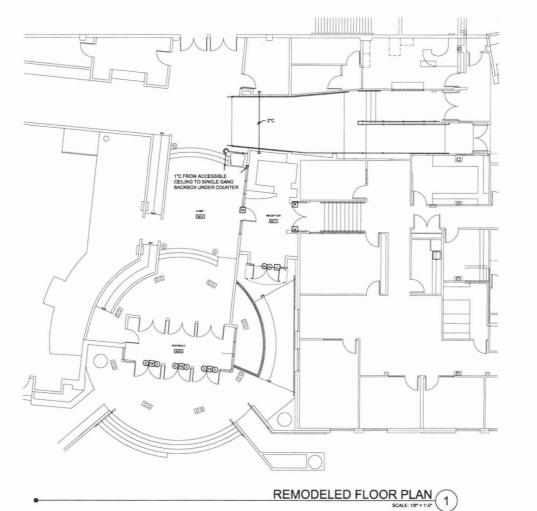
t. (503) 673-7000



date 4/12/18

project # | 15013

FLOOR PLAN-ELECTRICAL **E2.01**



TECHNOLOGY SYMBOL LIST

Electronic Security

- ES 1/2°C FOR ELECTRIC STRIKE DOOR LOCKS; PATHWAY ONLY
- 1/2°C FOR ELECTRIC LATCH CONNECTION; PATHWAY ONLY

GENERAL TECHNOLOGY NOTES:

- OTHER TRADES.

 CONSTRUCTION DETAILS SHOW TYPICAL INSTALLATION, JUN, AND APPLY TO ALL COMMUNICATIONS WORK INCLUDED IN THE SUMMARY OF WORK FOR THIS PROCKAGE EVENT HOUGH FOR THIS PECHAGE EVENT HOUGH FOR THIS PECHAGE.

 THE TECHNOLOGY DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS WHICH WHEN COMPLETE, CONSISTS OF DRAWINGS USTED BY THE THORSE OF DRAWINGS PARTILL SETS OF DRAWINGS WOTH DISTRIBUTED OR UTILIZED.

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West Linn, OR 97062

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PROMISE 2016-109 TOOMS TO THE REACE

key plan date | 4/12/18

project # | 15013

FLOOR PLAN TECHNOLOGY T1.01